

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087304.D
 Acq On : 23 May 2016 17:08
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 24 01:03:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 00:59:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	144851	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	598902	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	272246	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	507753	20.00	ng	0.00
75) Chrysene-d12	18.56	240	398275	20.00	ng	0.00
86) Perylene-d12	20.23	264	308110	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	876912	101.47	ng	0.00
7) Phenol-d6	7.16	99	1106014	96.34	ng	0.00
23) Nitrobenzene-d5	8.54	82	1168930	96.50	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	263300	89.80	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1821245	108.88	ng	0.00
78) Terphenyl-d14	17.22	244	1807556	99.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	217658	49.53	ng	# 77
3) Pyridine	2.55	79	498776	47.48	ng	# 65
4) n-Nitrosodimethylamine	2.52	42	387930	51.77	ng	# 47
6) Aniline	7.12	93	733829	49.90	ng	94
8) 2-Chlorophenol	7.29	128	505304	48.37	ng	85
9) Benzaldehyde	6.94	77	274909	42.13	ng	99
10) Phenol	7.18	94	533386	38.21	ng	75
11) bis(2-Chloroethyl)ether	7.26	93	474611	43.54	ng	85
12) 1,3-Dichlorobenzene	7.52	146	548622	49.45	ng	96
13) 1,4-Dichlorobenzene	7.64	146	561081	49.26	ng	96
14) 1,2-Dichlorobenzene	7.87	146	511884	50.45	ng	97
15) Benzyl Alcohol	7.91	79	428208	50.07	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1063510	47.34	ng	87
17) 2-Methylphenol	8.12	107	400669	46.95	ng	# 89
18) Hexachloroethane	8.40	117	213084	49.19	ng	# 85
19) n-Nitroso-di-n-propylamine	8.34	70	412321	47.73	ng	# 72
20) 3+4-Methylphenols	8.38	107	516548	46.26	ng	# 59
22) Acetophenone	8.31	105	701190	48.07	ng	# 98
24) Nitrobenzene	8.57	77	621344	47.75	ng	94
25) Isophorone	8.96	82	1040588	47.41	ng	99
26) 2-Nitrophenol	9.06	139	265499	48.63	ng	# 67
27) 2,4-Dimethylphenol	9.21	122	437370	47.13	ng	91
28) bis(2-Chloroethoxy)methane	9.34	93	592638	49.69	ng	99
29) 2,4-Dichlorophenol	9.47	162	409274	49.70	ng	95
30) 1,2,4-Trichlorobenzene	9.58	180	452442	49.35	ng	98
31) Naphthalene	9.68	128	1429741	48.57	ng	99
32) Benzoic acid	9.54	122	211799	39.59	ng	# 76
33) 4-Chloroaniline	9.82	127	539191	44.97	ng	# 89
34) Hexachlorobutadiene	9.90	225	272907	51.89	ng	98
35) Caprolactam	10.49	113	98345	37.89	ng	# 69
36) 4-Chloro-3-methylphenol	10.68	107	463908	47.06	ng	96
37) 2-Methylnaphthalene	10.81	142	905132	48.04	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	423877	52.02	ng	99
40) Hexachlorocyclopentadiene	11.06	237	153135	60.61	ng	93

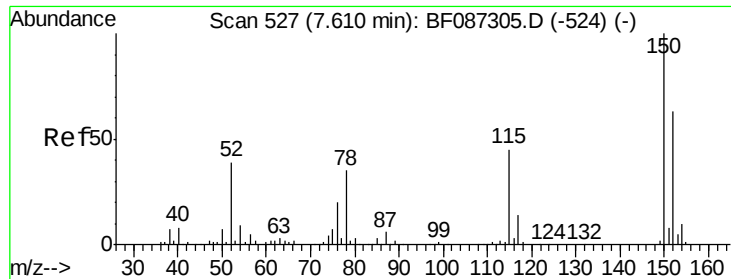
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	258622	50.06	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	262676	49.39	ng	# 91
45) 1,1'-Biphenyl	11.58	154	1086805	47.86	ng	96
46) 2-Chloronaphthalene	11.60	162	851358	48.69	ng	97
47) 2-Nitroaniline	11.80	65	321204	48.72	ng	# 75
48) Acenaphthylene	12.25	152	1330308	49.43	ng	99
49) Dimethylphthalate	12.14	163	1069261	51.02	ng	100
50) 2,6-Dinitrotoluene	12.23	165	228219	51.31	ng	93
51) Acenaphthene	12.54	154	812890	48.45	ng	98
52) 3-Nitroaniline	12.49	138	224233	46.56	ng	# 82
53) 2,4-Dinitrophenol	12.68	184	102928	47.01	ng	# 77
54) Dibenzofuran	12.82	168	1111834	50.94	ng	96
55) 4-Nitrophenol	12.87	139	105993	51.41	ng	# 61
56) 2,4-Dinitrotoluene	12.88	165	298411	51.51	ng	# 90
57) Fluorene	13.37	166	964739	53.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	205117	49.31	ng	99
59) Diethylphthalate	13.28	149	1011752	51.16	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	474575	57.30	ng	89
61) 4-Nitroaniline	13.51	138	229822	48.96	ng	# 80
62) Azobenzene	13.66	77	1109069	48.69	ng	86
64) 4,6-Dinitro-2-methylphenol	13.55	198	172987	51.76	ng	# 84
65) n-Nitrosodiphenylamine	13.62	169	814980	50.98	ng	100
66) 4-Bromophenyl-phenylether	14.19	248	275639	51.57	ng	# 85
67) Hexachlorobenzene	14.26	284	284946	47.69	ng	# 81
68) Atrazine	14.54	200	256454	49.30	ng	93
69) Pentachlorophenol	14.62	266	83398	38.81	ng	99
70) Phenanthrene	14.93	178	1364690	49.74	ng	99
71) Anthracene	15.01	178	1366848	48.19	ng	100
72) Carbazole	15.29	167	1211394	48.11	ng	99
73) Di-n-butylphthalate	15.86	149	1603793	54.37	ng	# 99
74) Fluoranthene	16.67	202	1391582	49.94	ng	92
76) Benzidine	16.89	184	514800	49.08	ng	98
77) Pyrene	16.97	202	1345496	46.88	ng	99
79) Butylbenzylphthalate	17.87	149	637451	52.29	ng	# 68
80) Benzo(a)anthracene	18.55	228	1071733	46.22	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	577927	40.20	ng	99
82) Chrysene	18.59	228	1043962	46.84	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	897586	58.47	ng	# 96
84) Di-n-octyl phthalate	19.39	149	1435384	54.53	ng	# 85
85) Indeno(1,2,3-cd)pyrene	21.49	276	867321	44.67	ng	95
87) Benzo(b)fluoranthene	19.85	252	1798078	85.44	ng	# 94
88) Benzo(k)fluoranthene	19.85	252	1798078	122.12	ng	# 97
89) Benzo(a)pyrene	20.17	252	839520	49.37	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	732646	50.80	ng	# 95
91) Benzo(g,h,i)perylene	21.85	276	725990	50.18	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

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Acq: 23 May 2016 17:08

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SSTDIC050

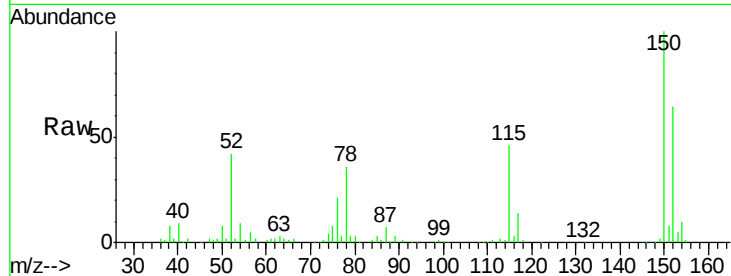
Tgt Ion:152 Resp: 144851

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

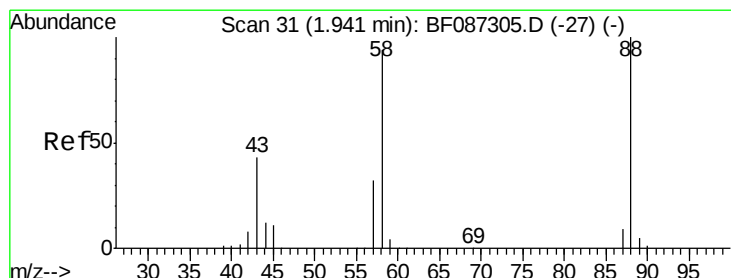
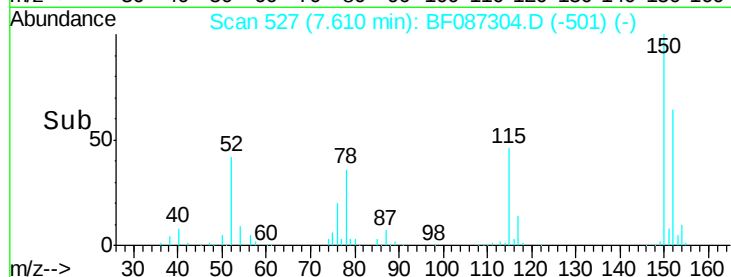
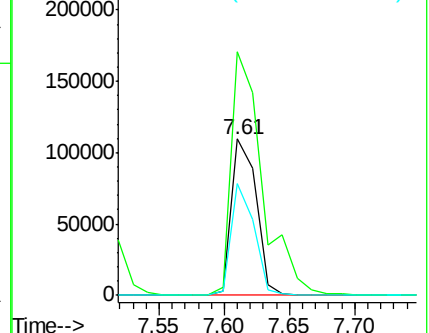
115 71.1 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.53 ng

RT: 1.94 min Scan# 31

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

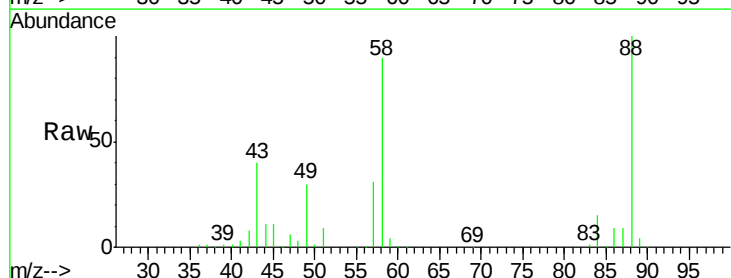
Tgt Ion: 88 Resp: 217658

Ion Ratio Lower Upper

88 100

58 92.0 59.6 89.4#

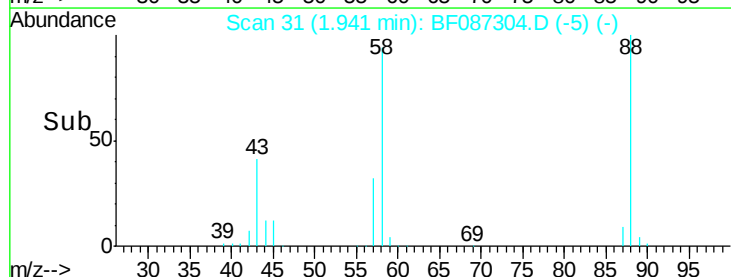
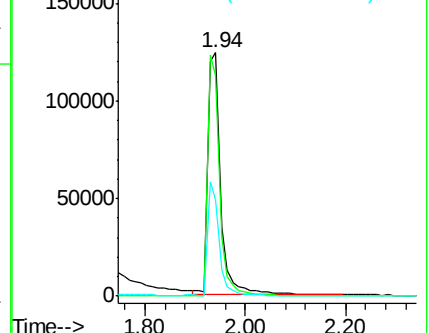
43 42.8 21.8 32.6#

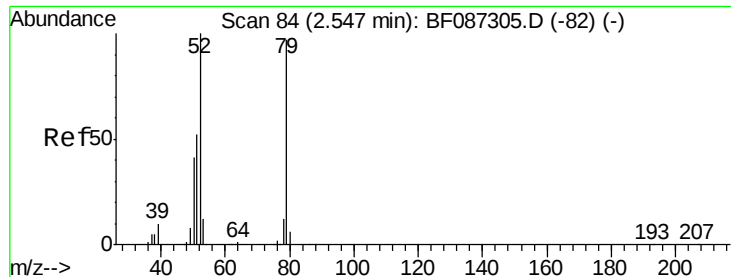


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.48 ng

RT: 2.55 min Scan# 84

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

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ClientSampleId :

SSTDIC050

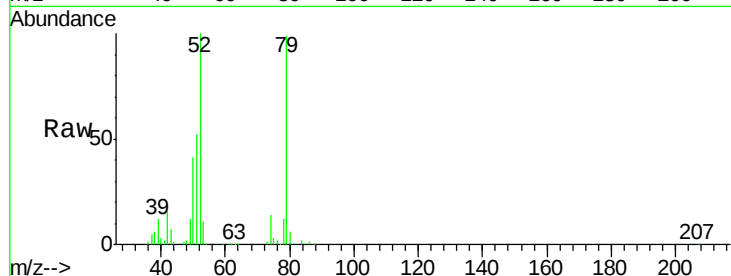
Tgt Ion: 79 Resp: 498776

Ion Ratio Lower Upper

79 100

52 100.8 55.9 83.9#

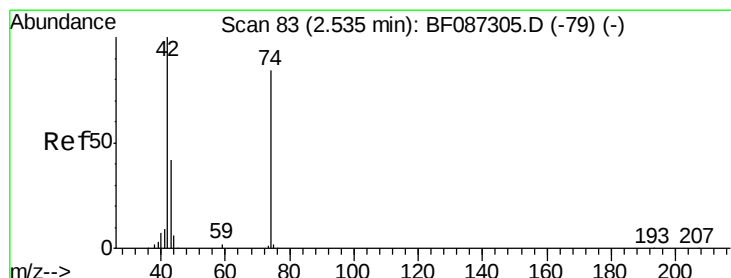
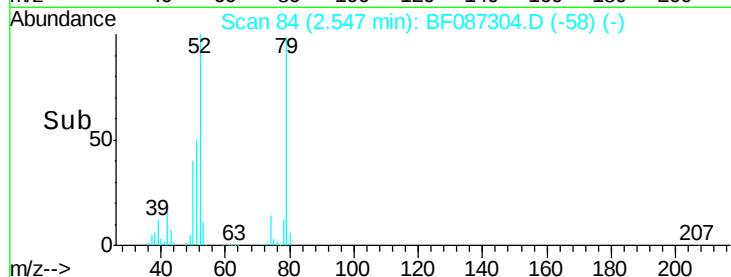
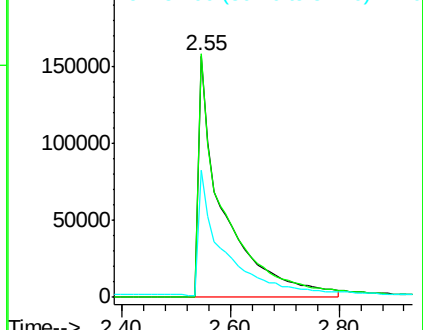
51 52.8 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 51.77 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

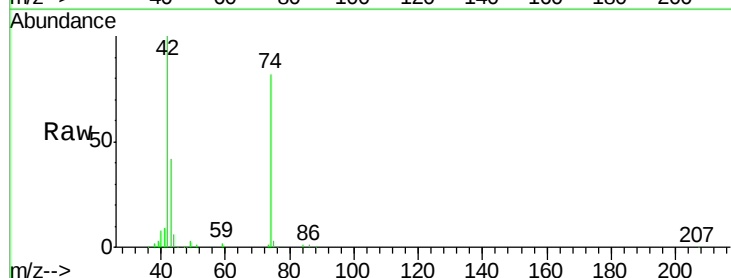
Tgt Ion: 42 Resp: 387930

Ion Ratio Lower Upper

42 100

74 82.3 123.4 185.0#

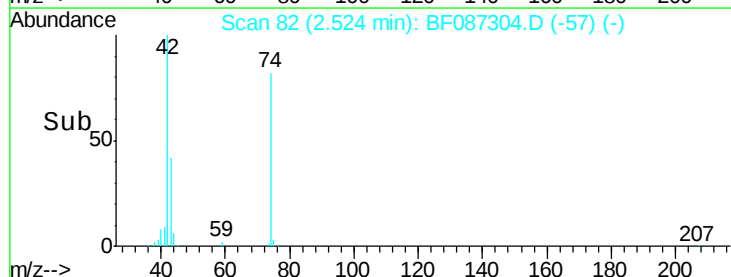
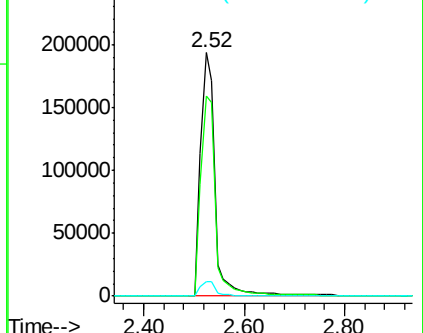
44 6.1 5.8 8.6

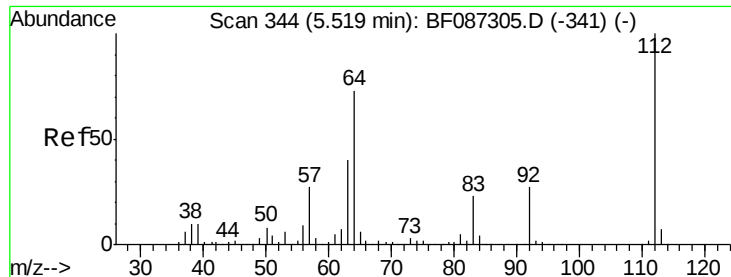


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 101.47 ng

RT: 5.52 min Scan# 344

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

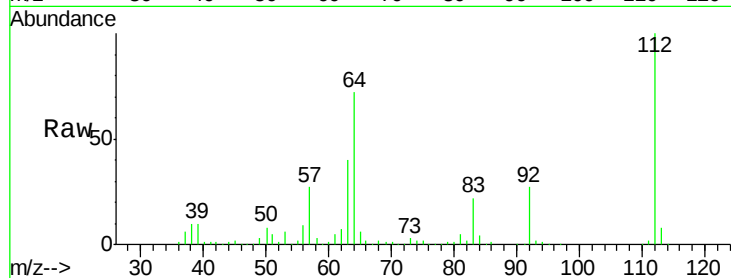
Instrument :

BNA_F

ClientSampleId :

SSTDIC050

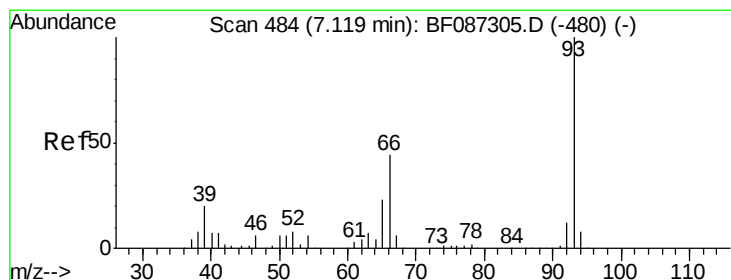
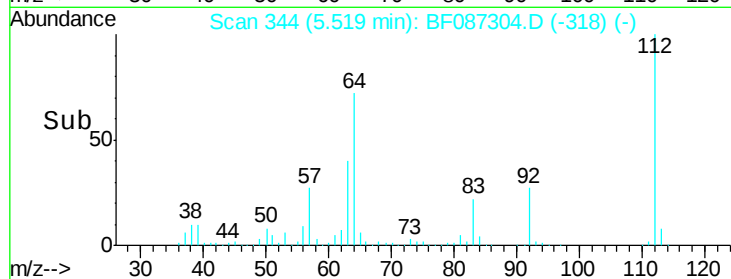
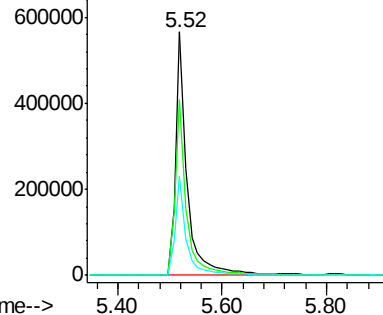
Tgt Ion:	112	Resp:	876912
Ion	Ratio	Lower	Upper
112	100		
64	72.3	52.1	78.1
63	40.4	25.7	38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 49.90 ng

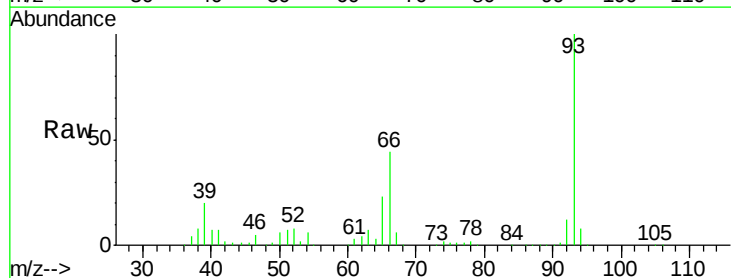
RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

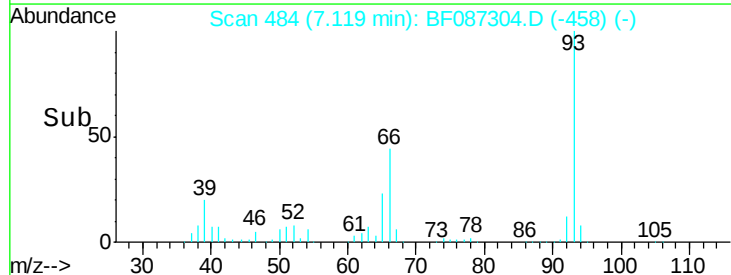
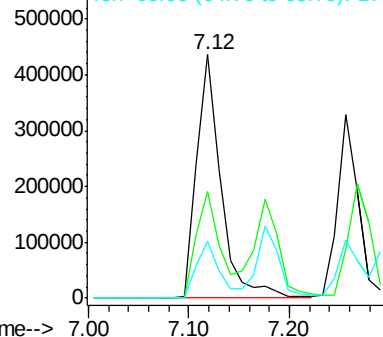
Tgt Ion:	93	Resp:	733829
Ion	Ratio	Lower	Upper
93	100		
66	44.1	39.0	58.6
65	23.1	20.6	31.0

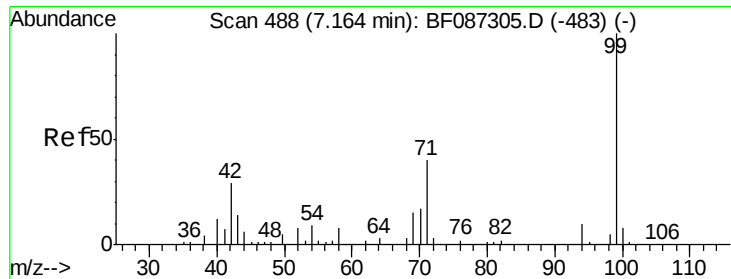


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.34 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

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BNA_F

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SSTDIC050

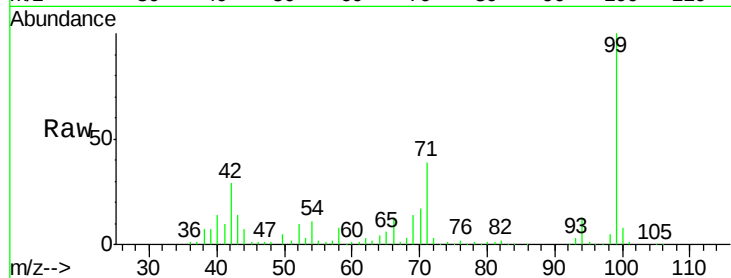
Tgt Ion: 99 Resp: 1106014

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

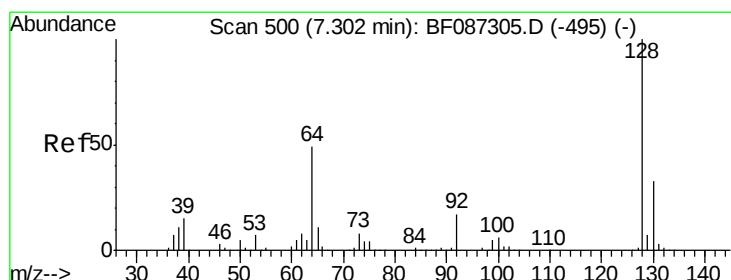
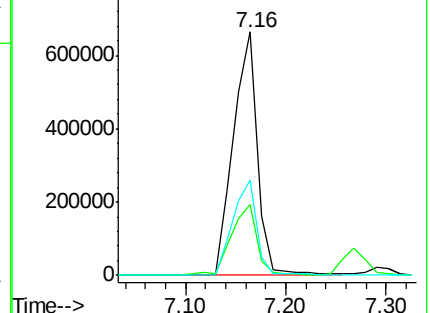
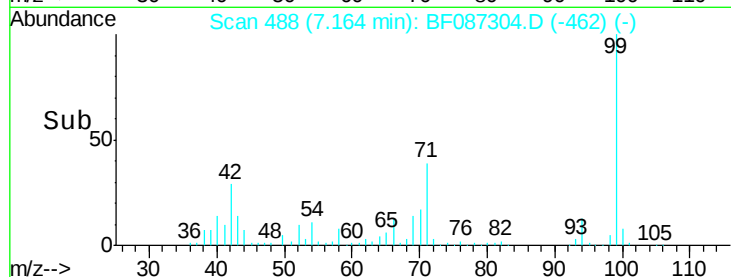
71 39.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.37 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

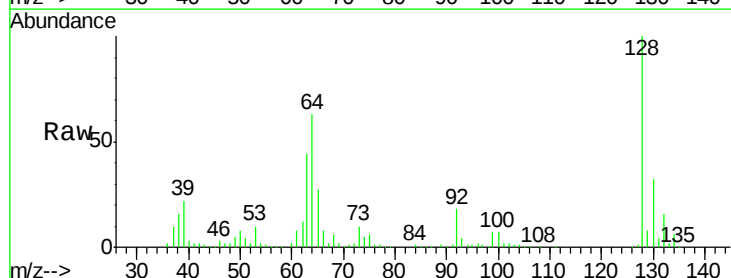
Tgt Ion: 128 Resp: 505304

Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

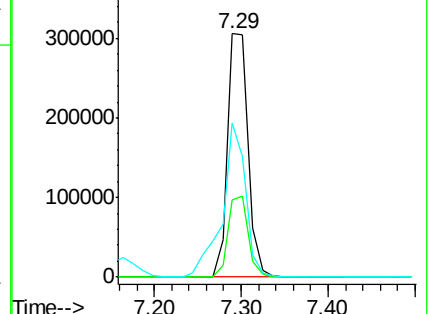
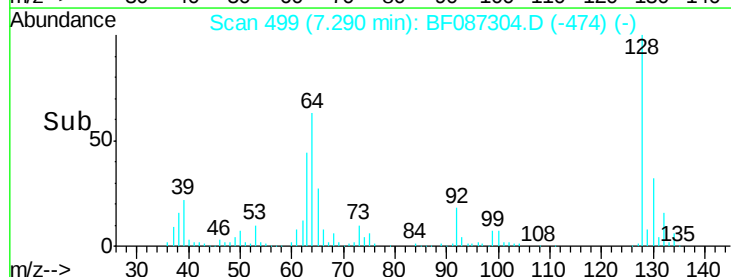
64 63.2 27.3 67.3

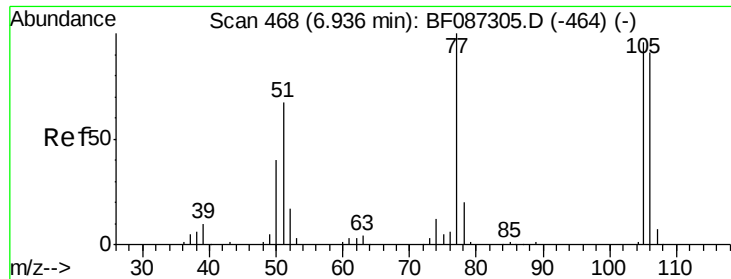


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

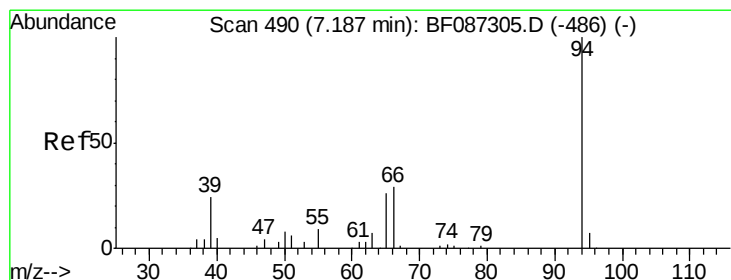
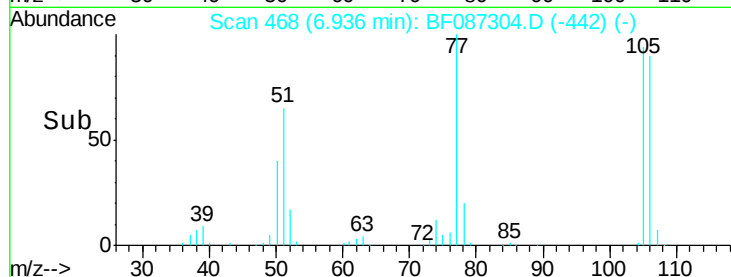
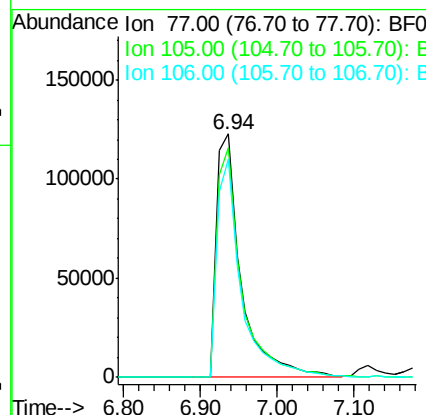
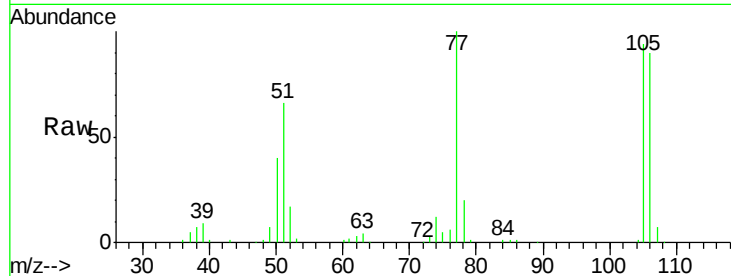




#9
Benzaldehyde
Concen: 42.13 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

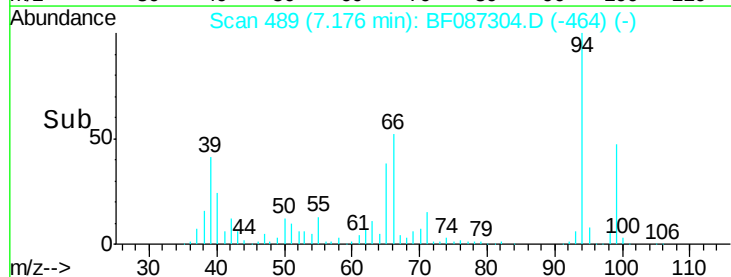
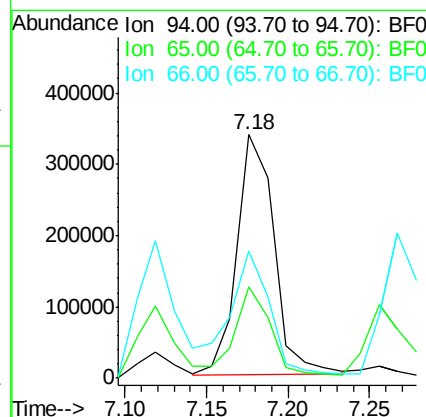
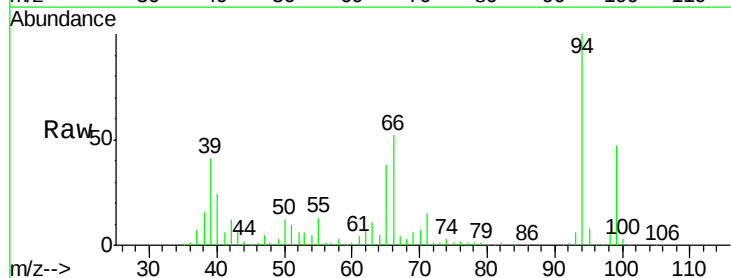
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

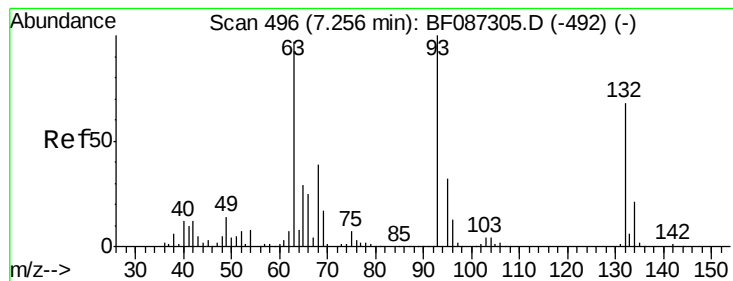
Tgt Ion: 77 Resp: 274909
Ion Ratio Lower Upper
77 100
105 94.3 72.7 112.7
106 89.8 70.8 110.8



#10
Phenol
Concen: 38.21 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion: 94 Resp: 533386
Ion Ratio Lower Upper
94 100
65 37.6 7.2 47.2
66 52.1 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 43.54 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

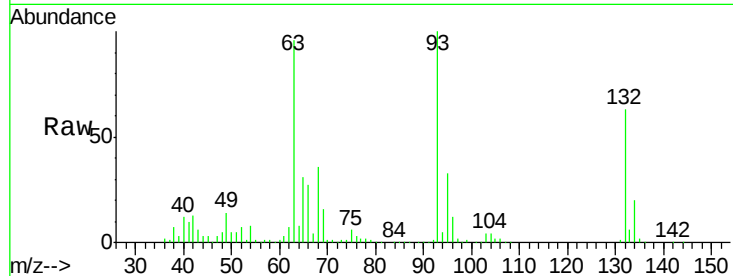
Tgt Ion: 93 Resp: 474611

Ion Ratio Lower Upper

93 100

63 95.5 58.0 98.0

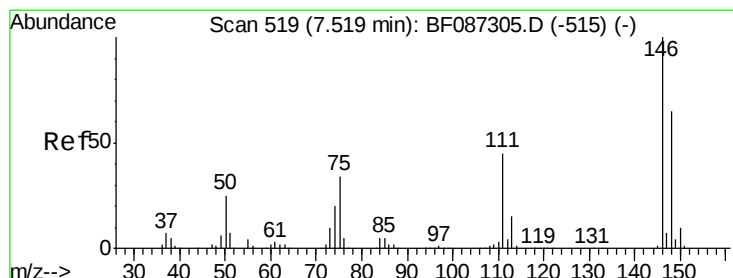
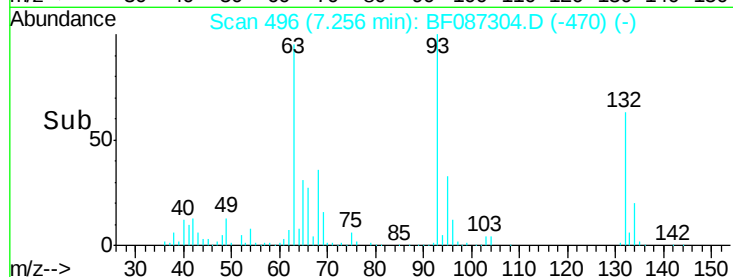
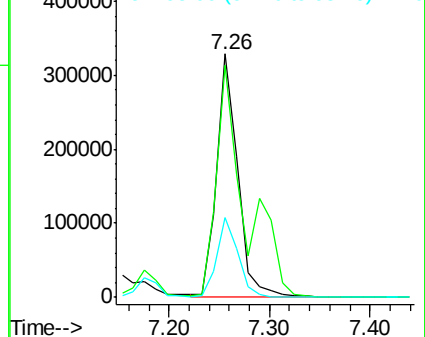
95 32.6 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.45 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

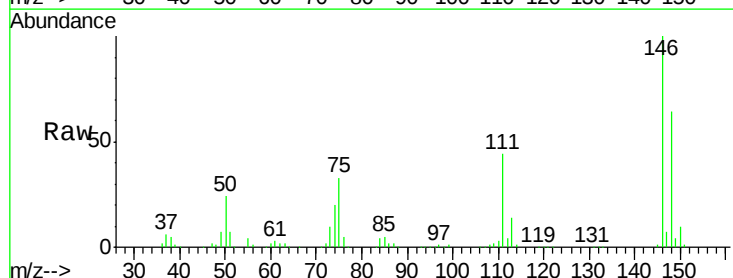
Tgt Ion: 146 Resp: 548622

Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

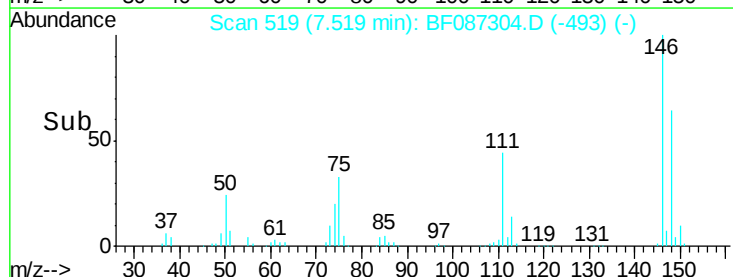
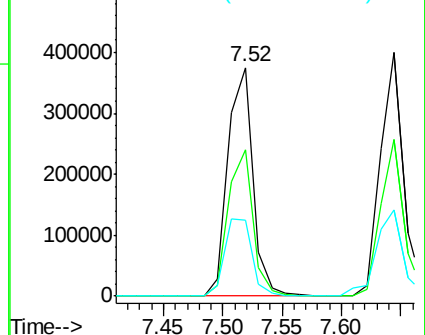
75 33.1 22.8 34.2

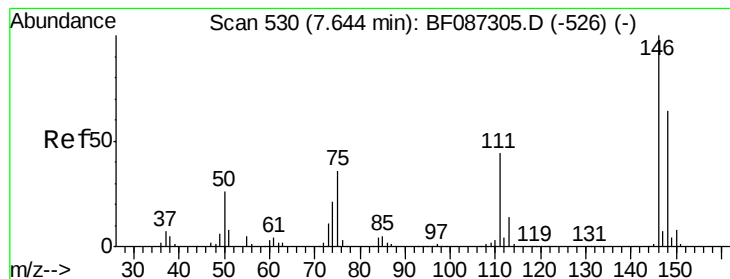


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 49.26 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

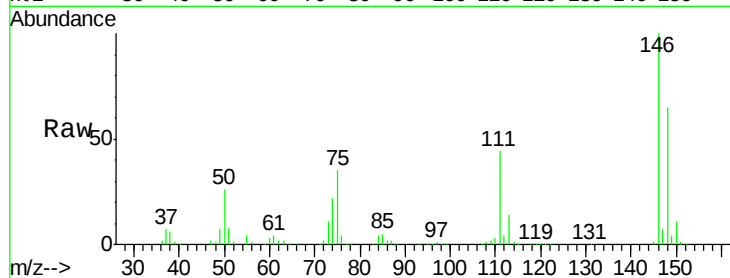
Tgt Ion:146 Resp: 561081

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

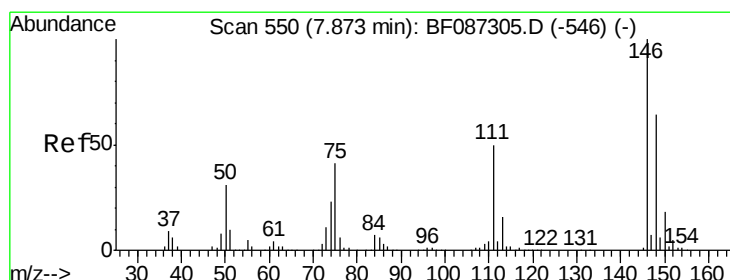
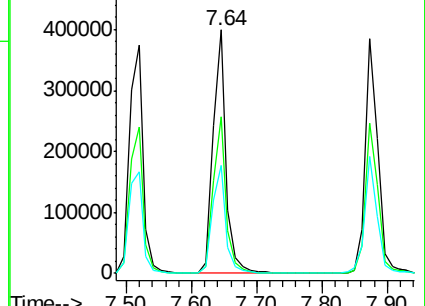
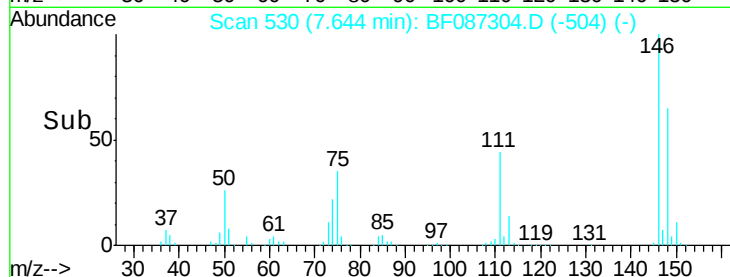
111 44.3 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.45 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

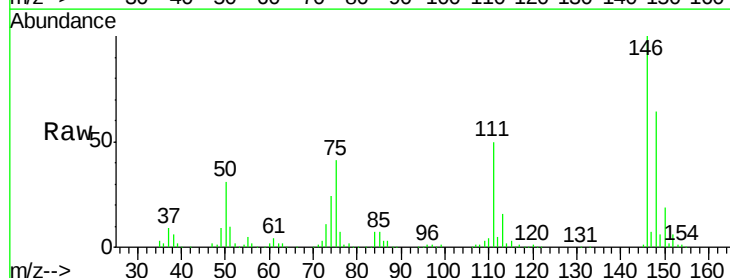
Tgt Ion:146 Resp: 511884

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

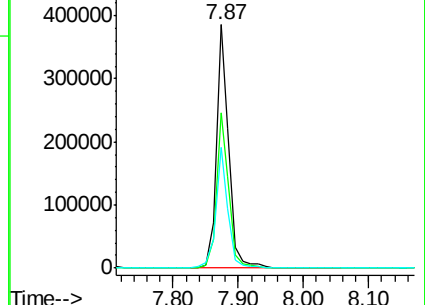
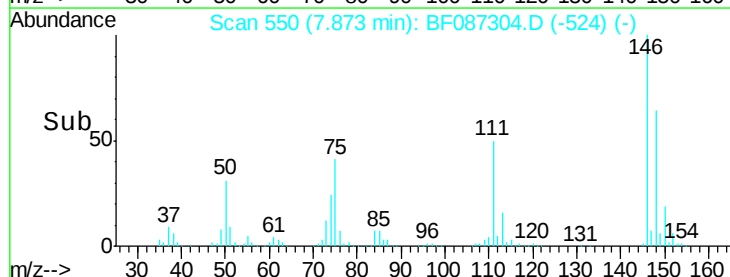
111 49.8 36.2 54.4

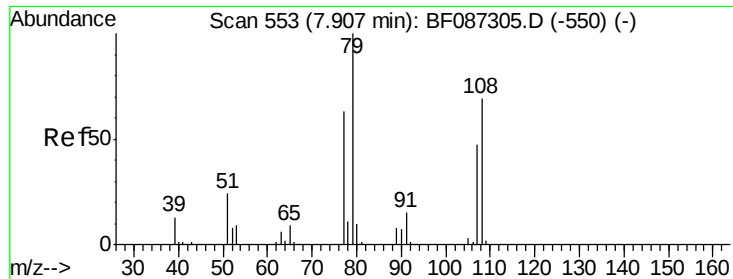


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.07 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

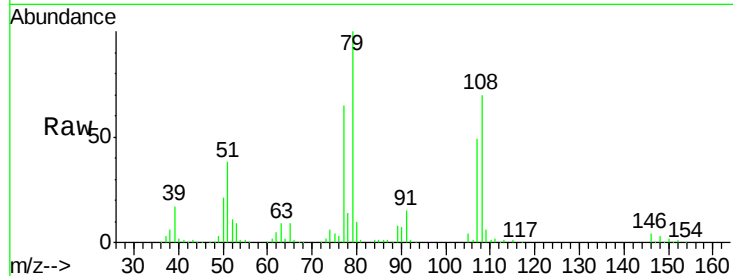
Tgt Ion: 79 Resp: 428208

Ion Ratio Lower Upper

79 100

108 69.9 68.4 102.6

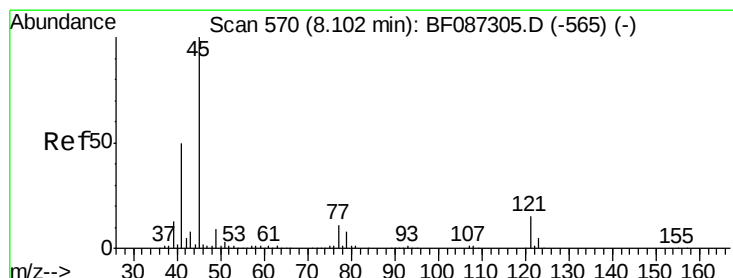
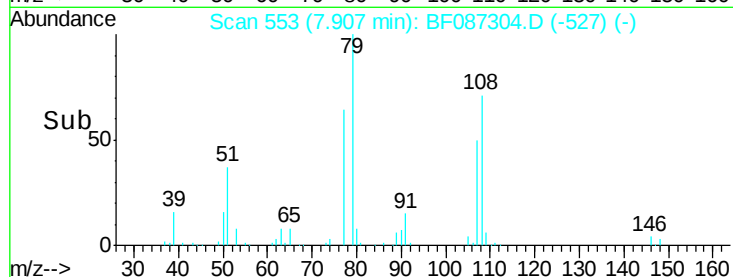
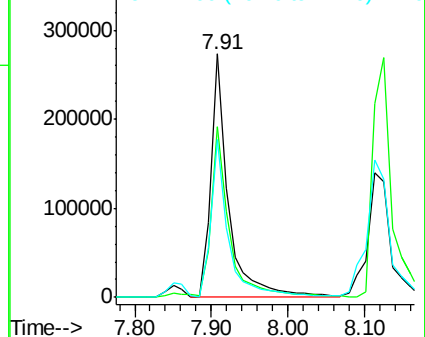
77 64.7 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.34 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

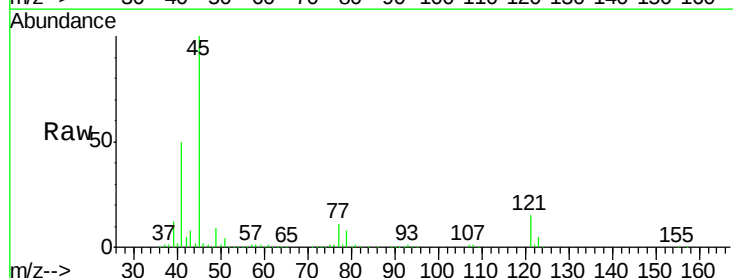
Tgt Ion: 45 Resp: 1063510

Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

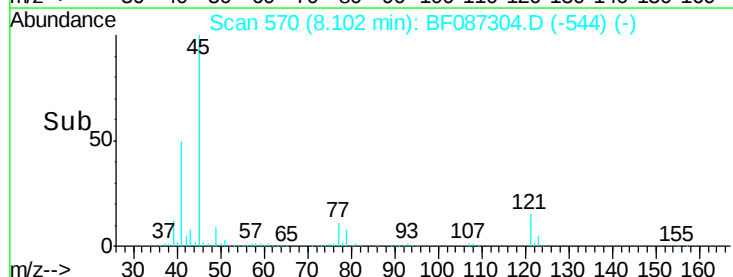
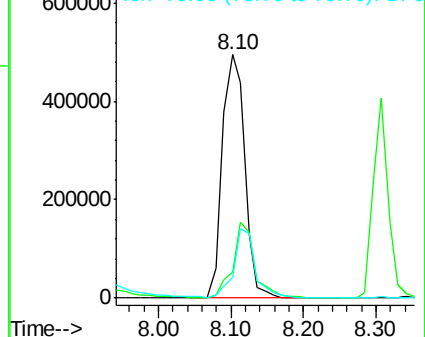
79 8.3 0.0 33.4

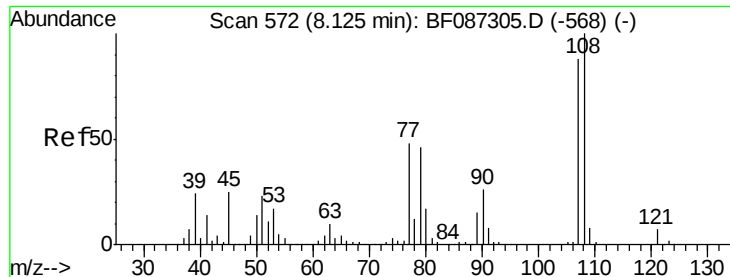


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

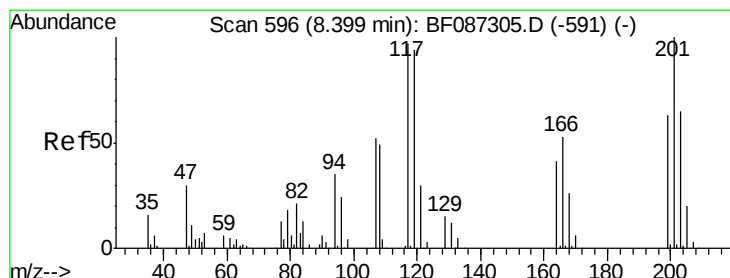
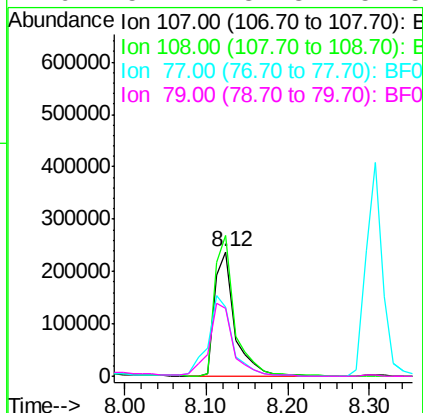
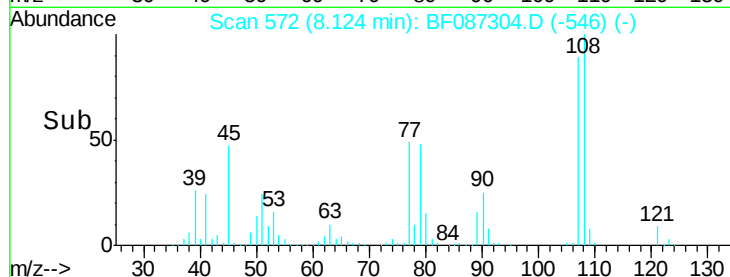
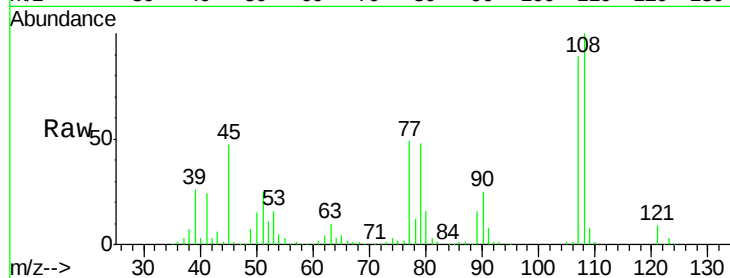




#17
2-Methylphenol
Concen: 46.95 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

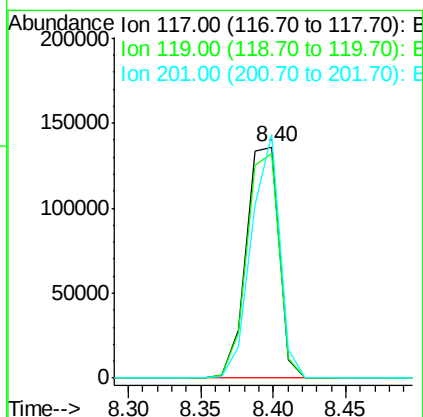
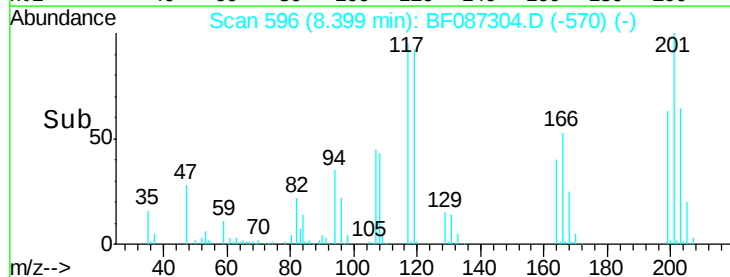
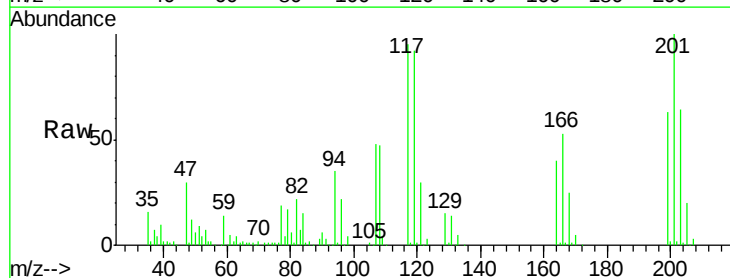
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

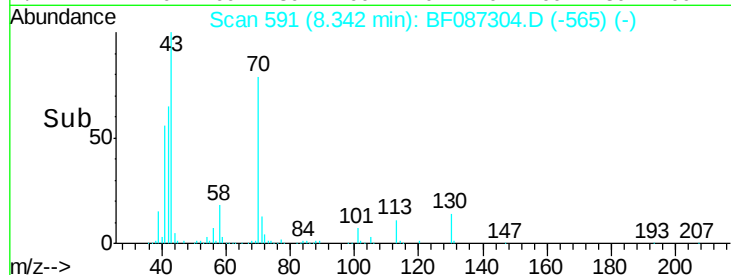
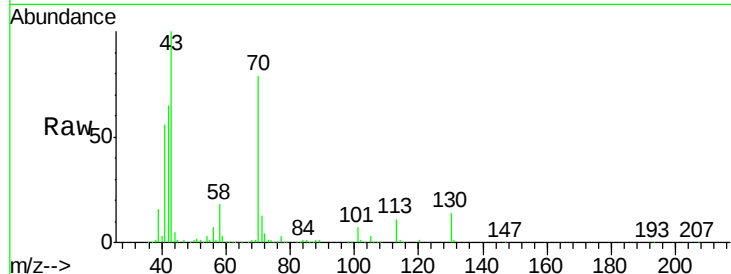
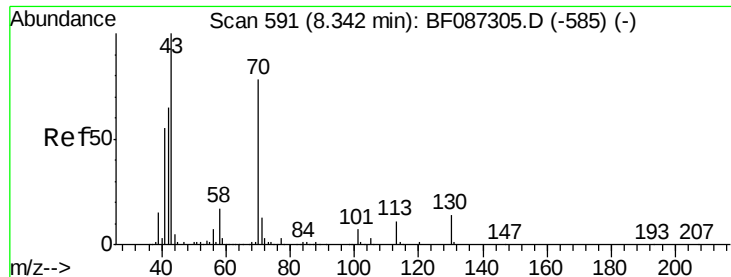
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.7	140.5
77	55.8	33.4	50.0#
79	54.4	34.3	51.5#



#18
Hexachloroethane
Concen: 49.19 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.5	114.7
201	105.4	63.0	94.6#

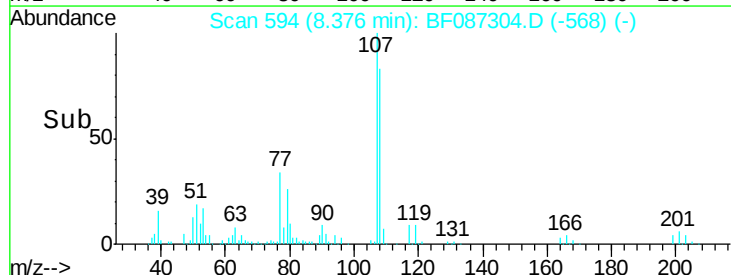
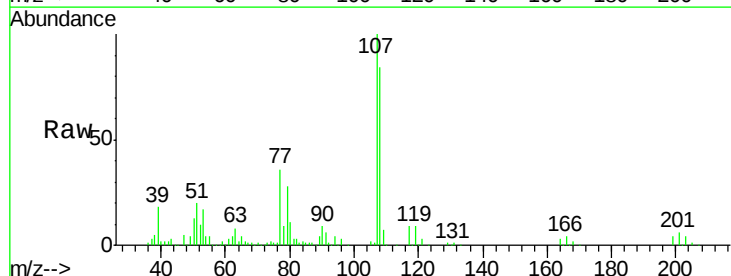
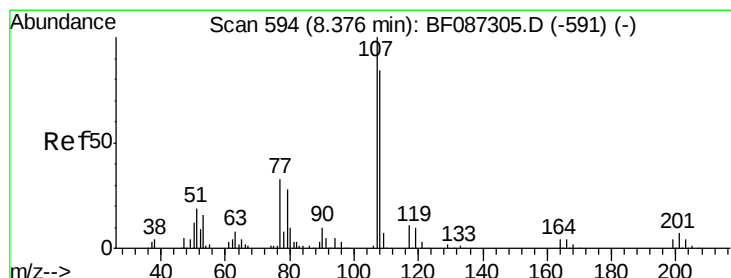
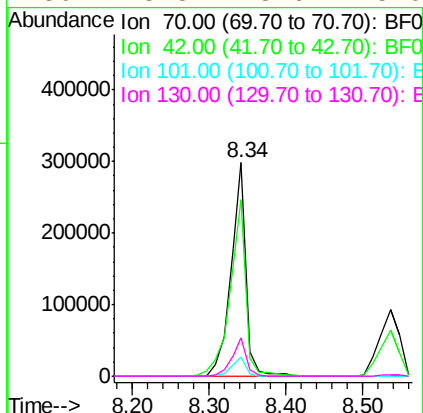




#19
n-Nitroso-di-n-propylamine
Concen: 47.73 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

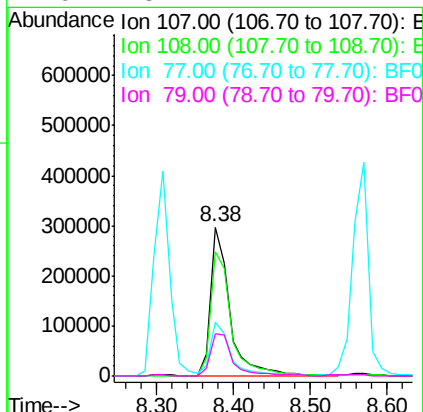
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

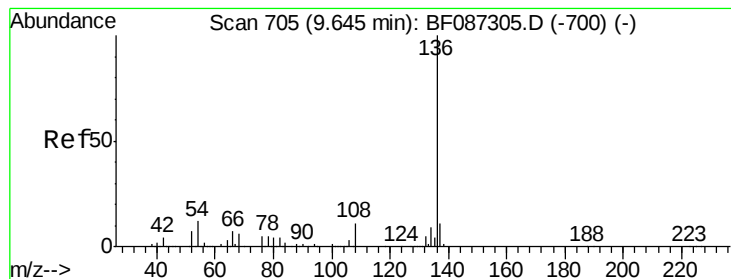
Tgt Ion:	70	Resp:	412321
Ion	Ratio	Lower	Upper
70	100		
42	82.5	43.1	64.7#
101	9.1	8.1	12.1
130	18.3	18.6	28.0#



#20
3+4-Methylphenols
Concen: 46.26 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion:	107	Resp:	516548
Ion	Ratio	Lower	Upper
107	100		
108	83.5	68.5	108.5
77	36.1	101.6	141.6#
79	28.2	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

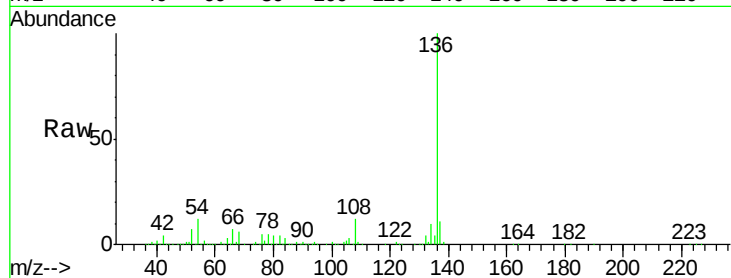
Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:	136	Resp:	598902
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.9	5.0	7.4#
68	6.0	4.4	6.6

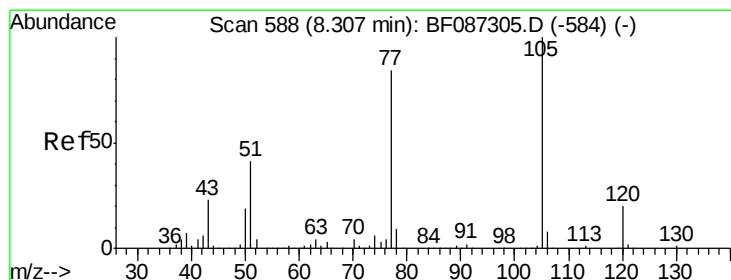
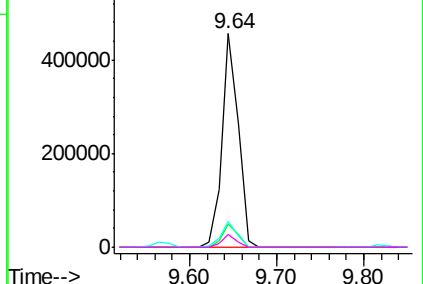
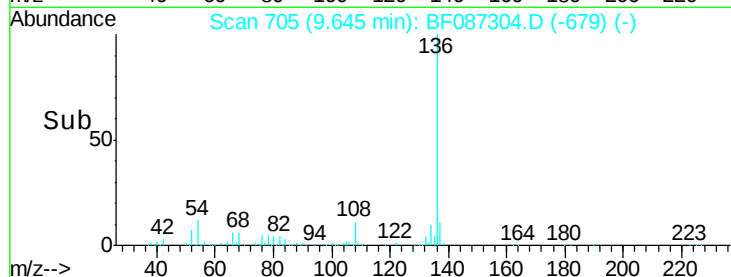


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.07 ng

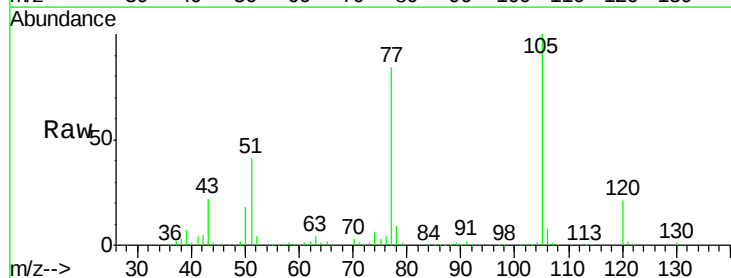
RT: 8.31 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Tgt Ion:	105	Resp:	701190
Ion	Ratio	Lower	Upper
105	100		
71	0.6	4.8	7.2#
51	41.2	32.6	49.0
120	20.6	16.5	24.7

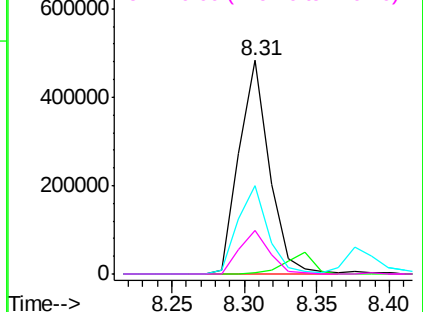
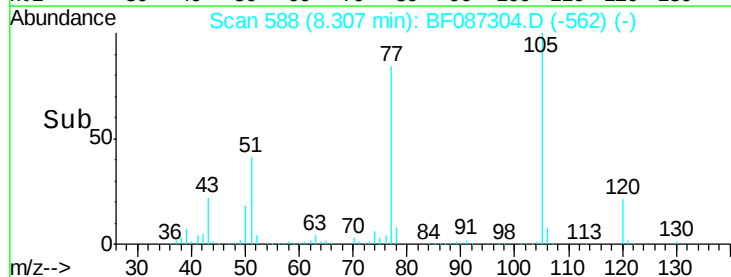


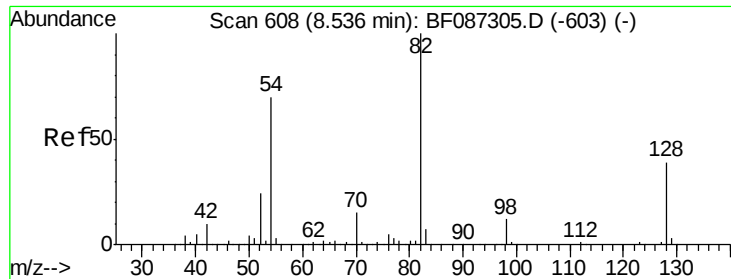
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

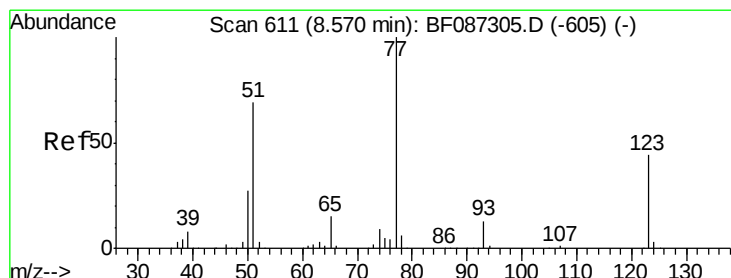
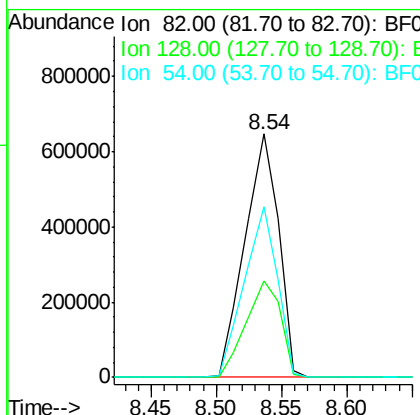
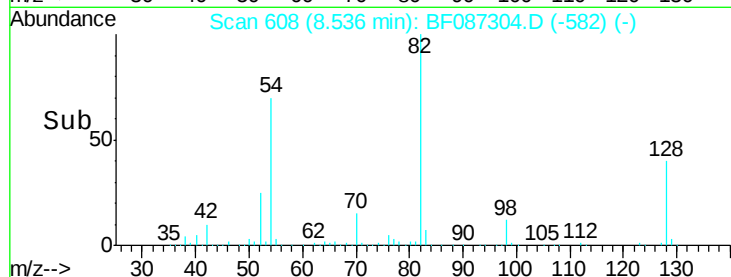
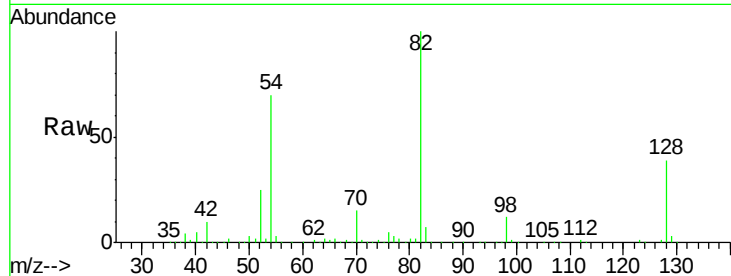




#23
 Nitrobenzene-d5
 Concen: 96.50 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

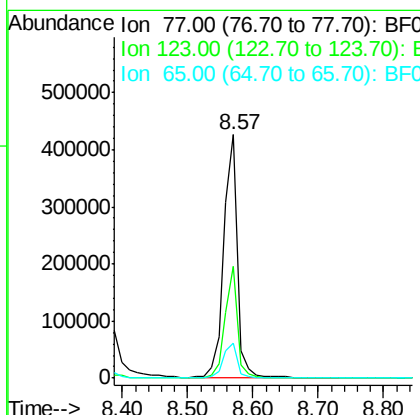
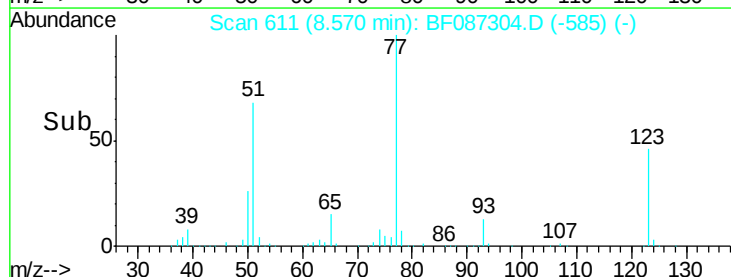
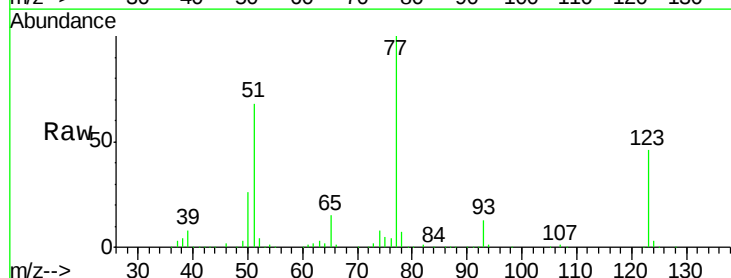
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

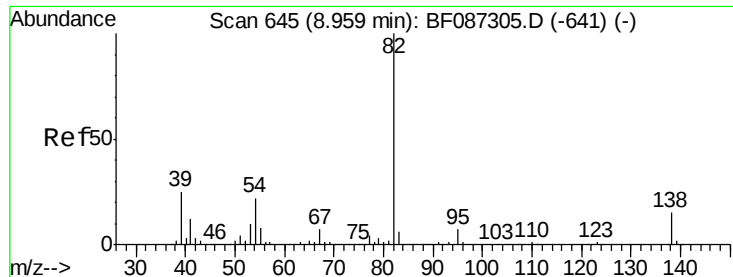
Tgt Ion: 82 Resp: 1168930
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 70.2 38.1 57.1#



#24
 Nitrobenzene
 Concen: 47.75 ng
 RT: 8.57 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion: 77 Resp: 621344
 Ion Ratio Lower Upper
 77 100
 123 45.8 33.0 49.4
 65 14.6 10.8 16.2





#25

Isophorone

Concen: 47.41 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

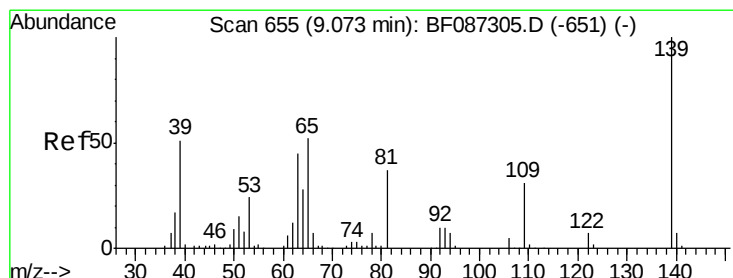
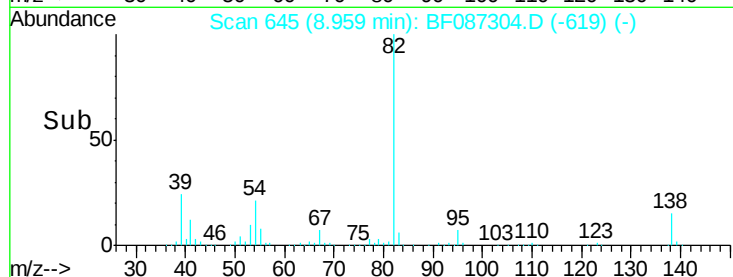
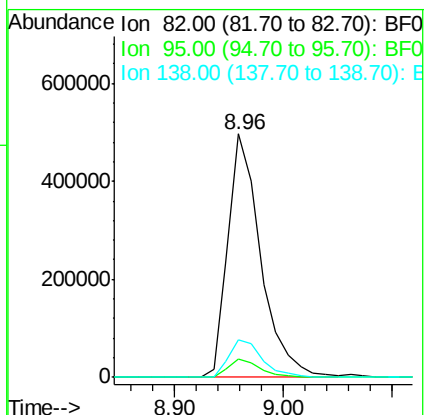
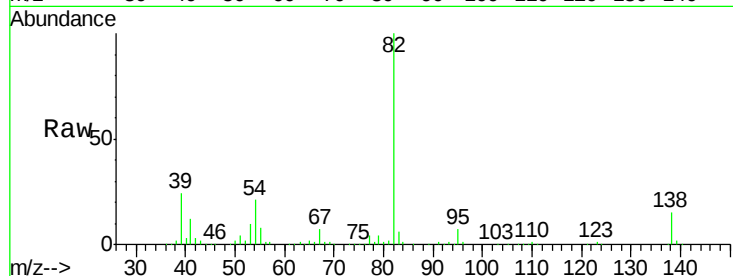
Tgt Ion: 82 Resp: 1040588

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

138 15.3 12.4 18.6



#26

2-Nitrophenol

Concen: 48.63 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

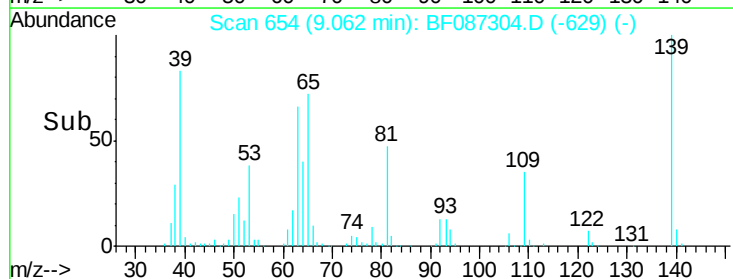
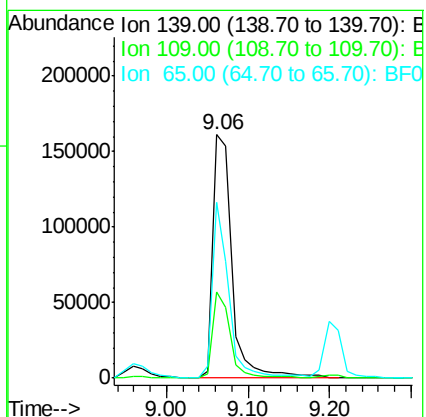
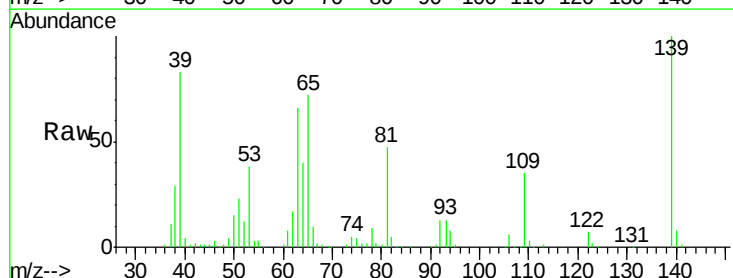
Tgt Ion: 139 Resp: 265499

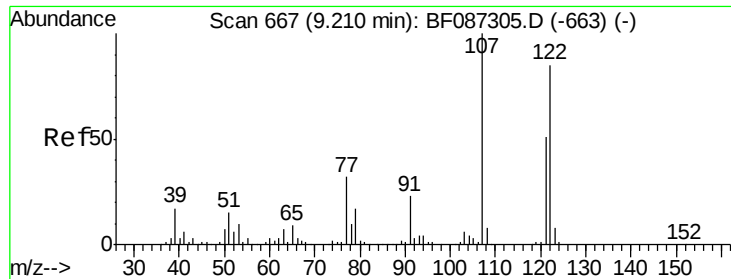
Ion Ratio Lower Upper

139 100

109 35.4 19.5 29.3#

65 72.4 37.5 56.3#

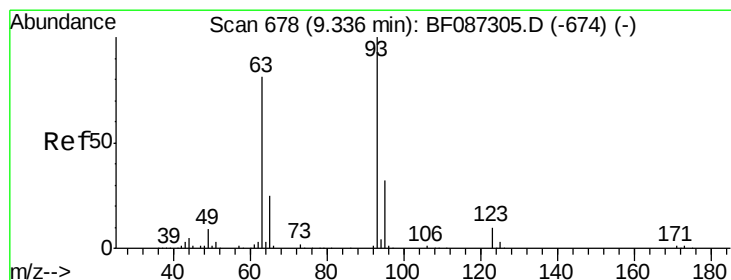
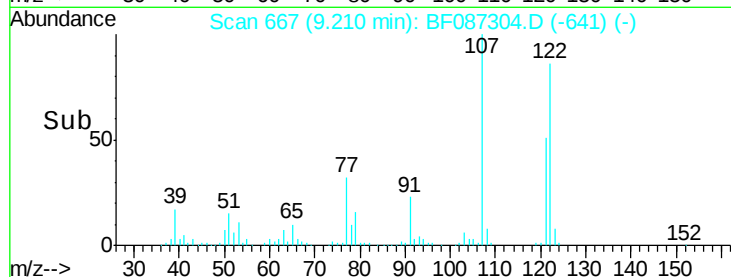
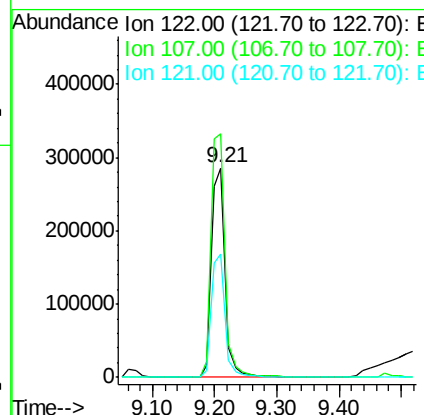
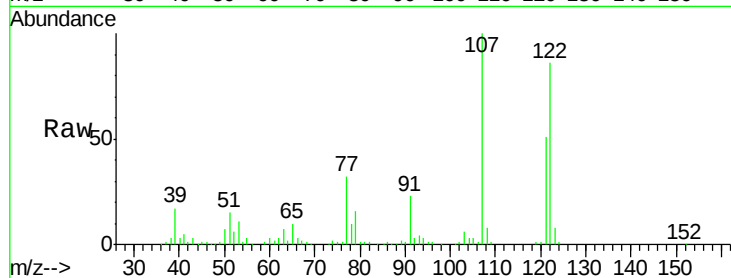




#27
 2,4-Dimethylphenol
 Concen: 47.13 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

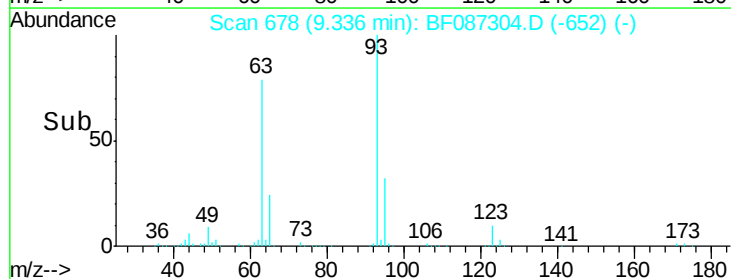
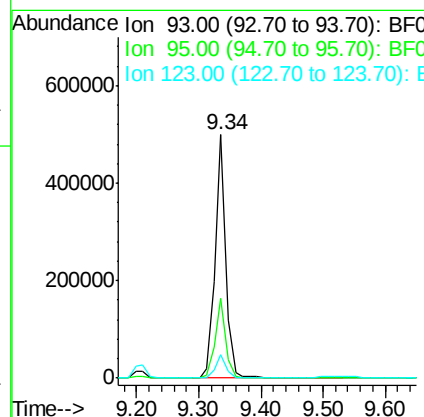
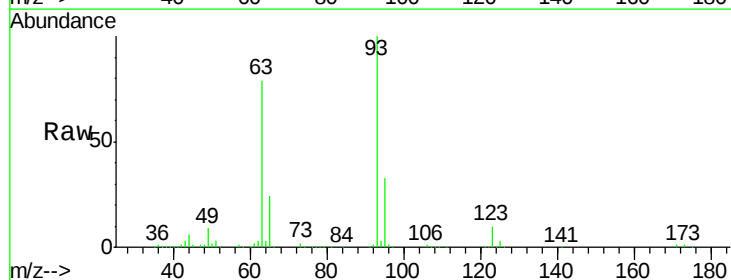
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

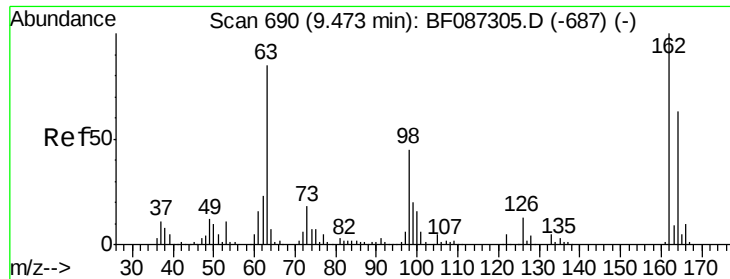
Tgt Ion:122 Resp: 437370
 Ion Ratio Lower Upper
 122 100
 107 116.2 82.0 123.0
 121 59.0 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.69 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion: 93 Resp: 592638
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 9.8 9.5 14.3

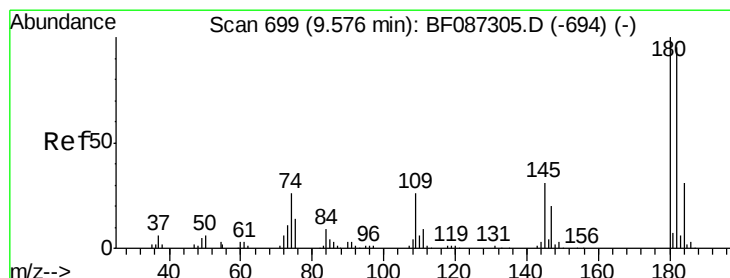
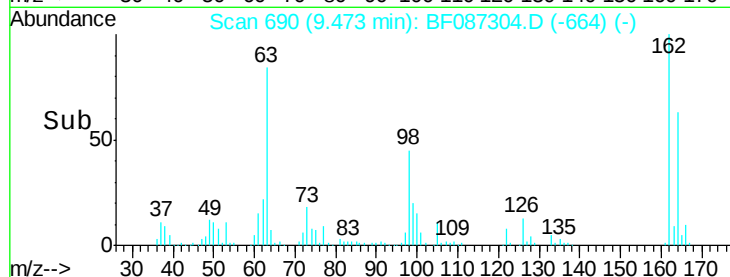
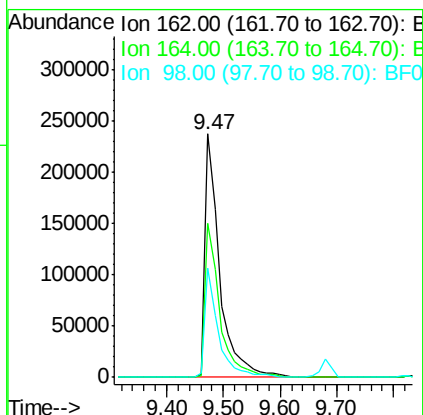
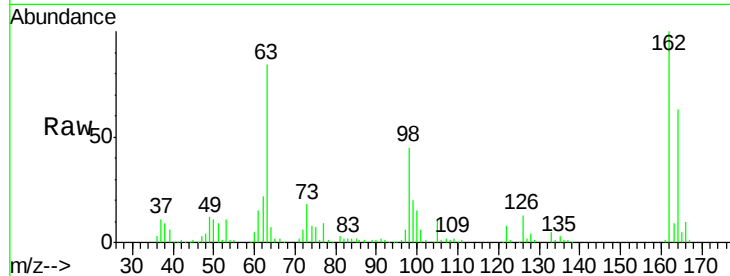




#29
 2,4-Dichlorophenol
 Concen: 49.70 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

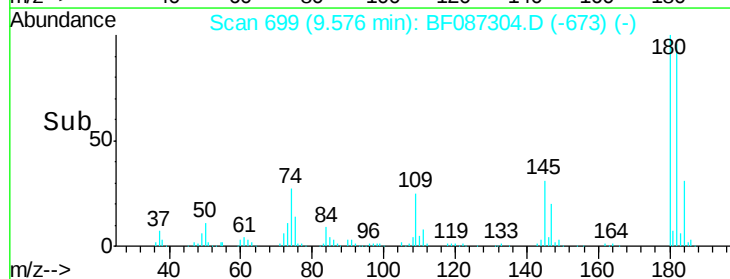
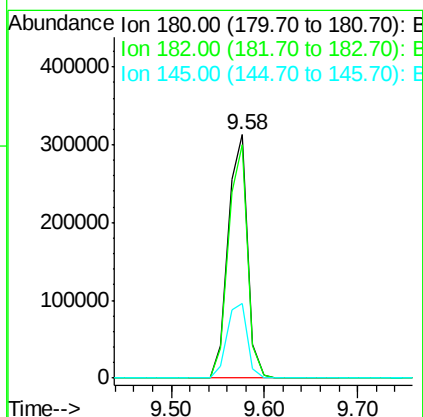
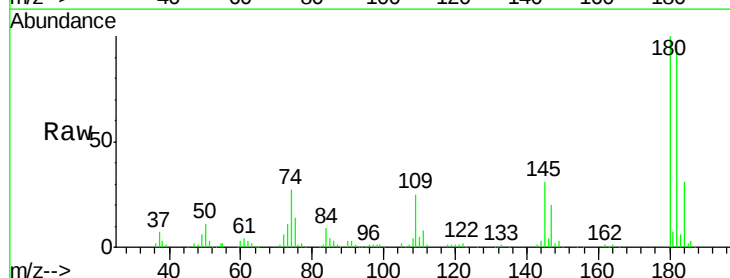
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

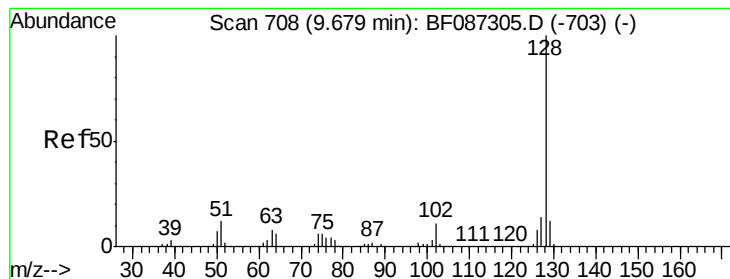
Tgt Ion:162 Resp: 409274
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.2 82.2
 98 44.9 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 49.35 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:180 Resp: 452442
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.0 117.0
 145 30.8 24.2 36.2





#31

Naphthalene

Concen: 48.57 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

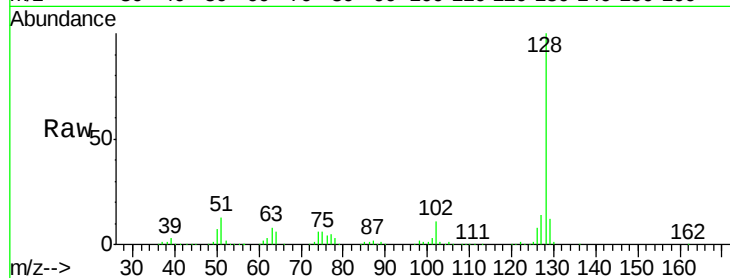
Tgt Ion:128 Resp: 1429741

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

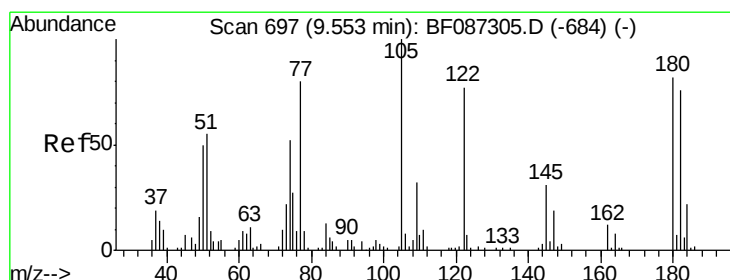
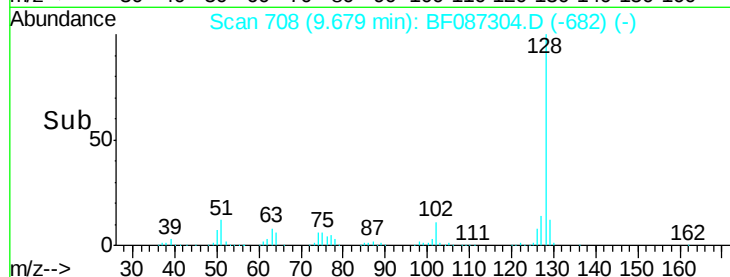
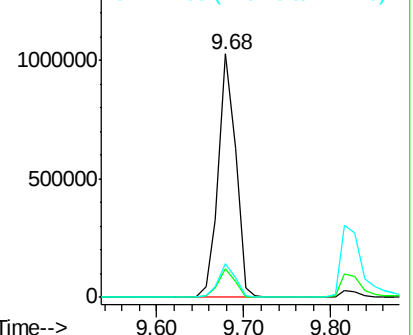
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.59 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

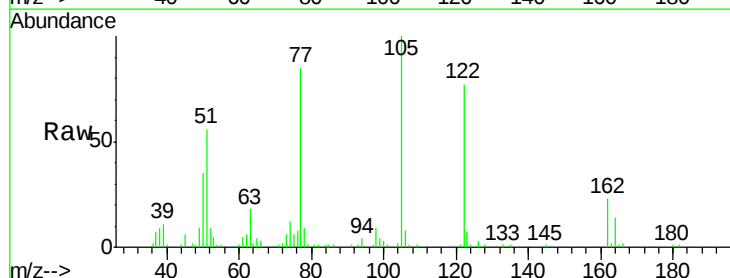
Tgt Ion:122 Resp: 211799

Ion Ratio Lower Upper

122 100

105 129.9 92.6 132.6

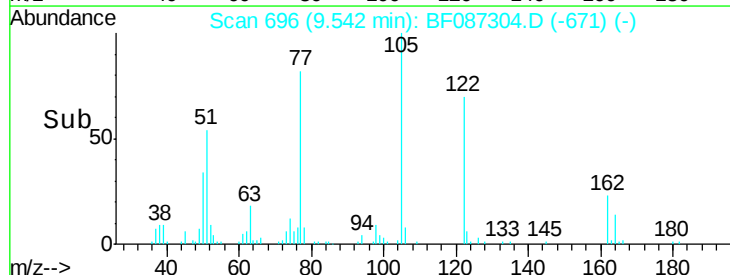
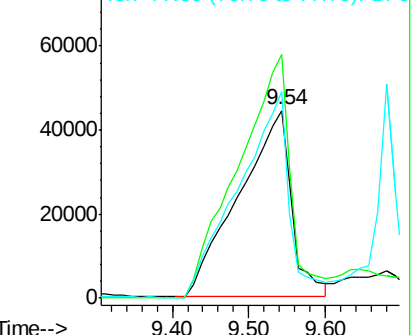
77 110.4 60.0 100.0#

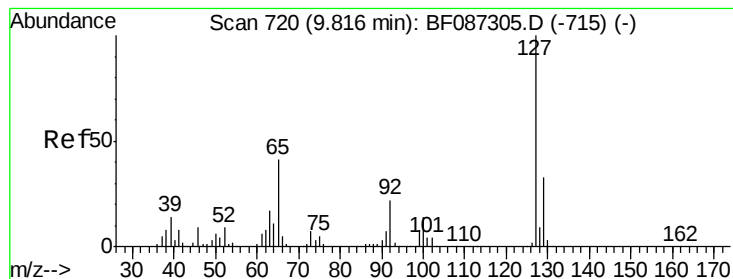


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 44.97 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

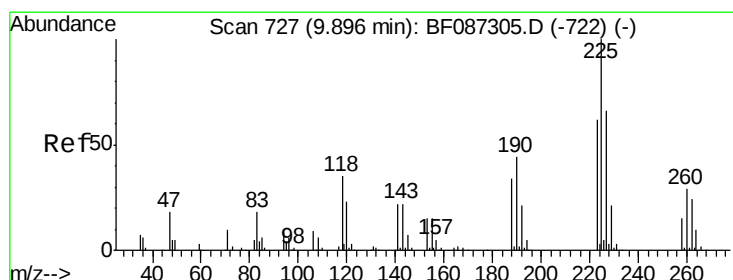
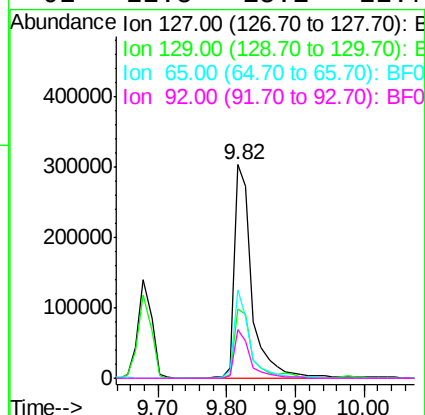
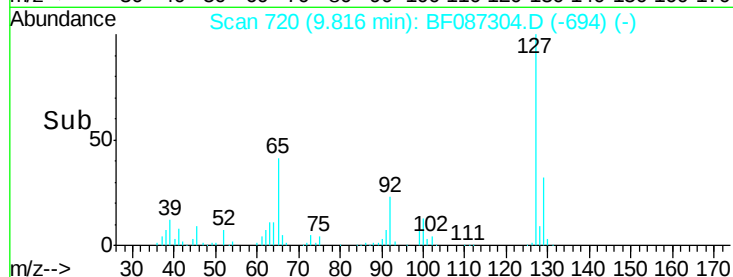
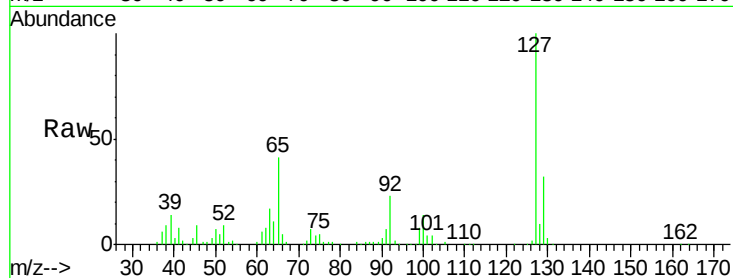
Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:	127	Resp:	539191
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	41.4	23.0	34.4#
92	22.5	15.1	22.7



#34

Hexachlorobutadiene

Concen: 51.89 ng

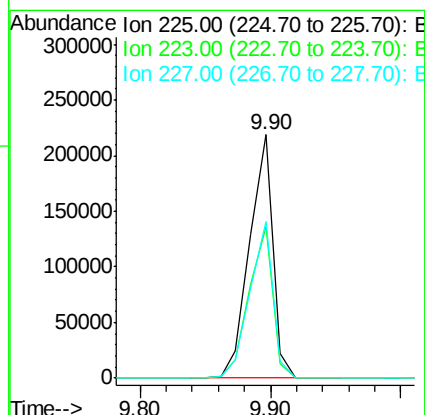
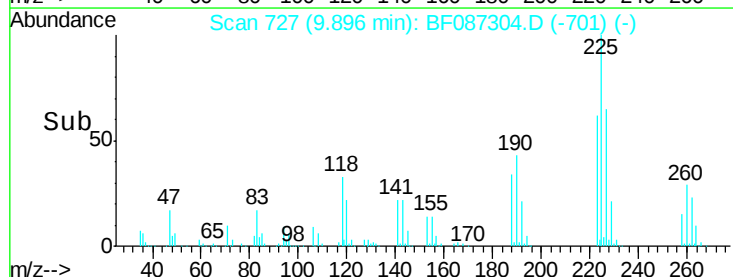
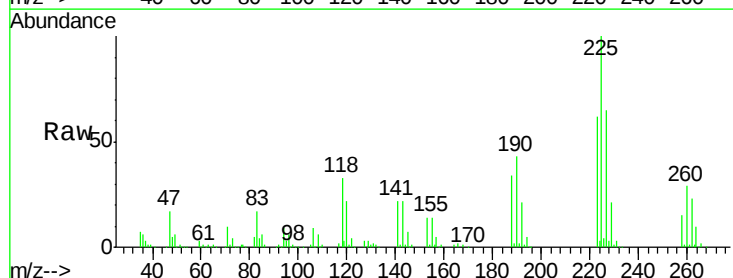
RT: 9.90 min Scan# 727

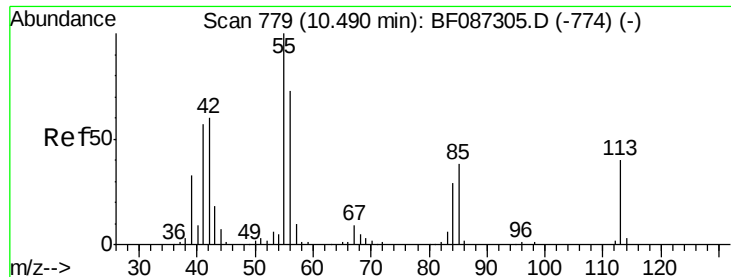
Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Tgt Ion:	225	Resp:	272907
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.5	77.3
227	64.6	52.2	78.2





#35

Caprolactam

Concen: 37.89 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

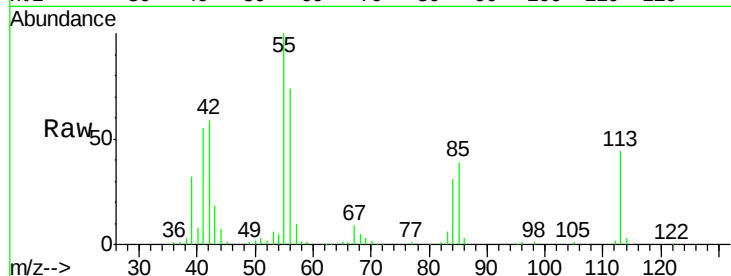
Tgt Ion:113 Resp: 98345

Ion Ratio Lower Upper

113 100

55 229.4 162.0 202.0#

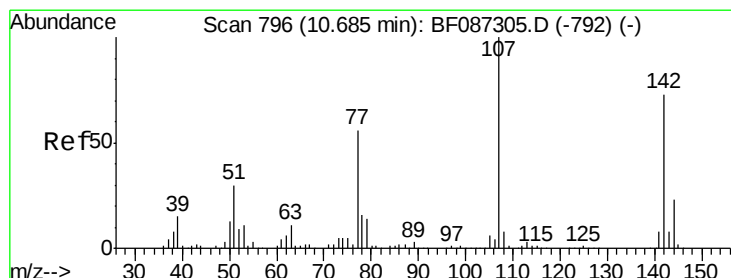
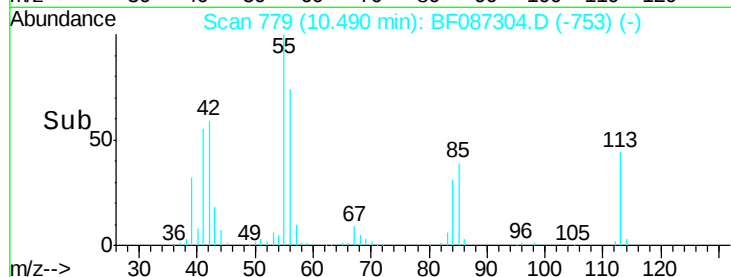
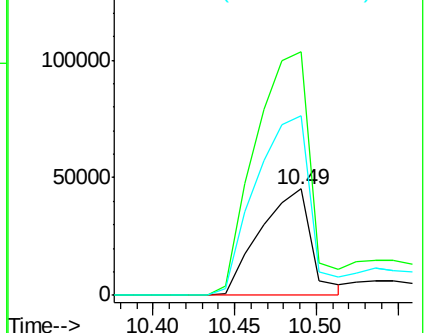
56 168.6 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.06 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

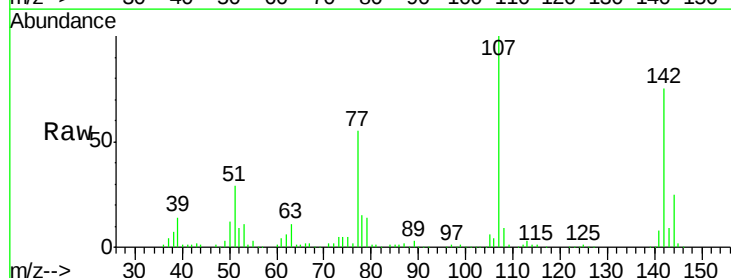
Tgt Ion:107 Resp: 463908

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

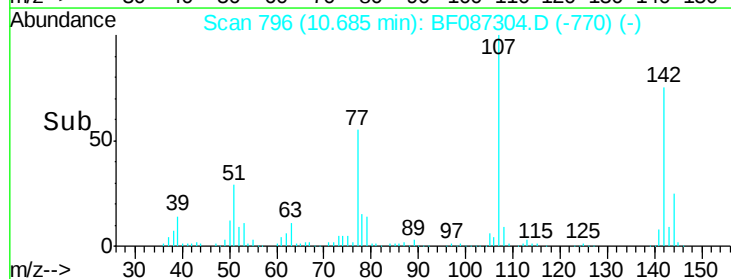
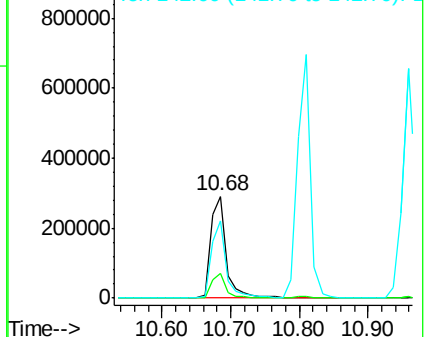
142 75.1 63.2 94.8

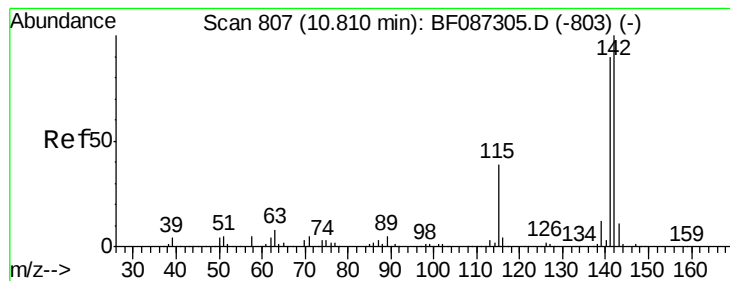


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.04 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

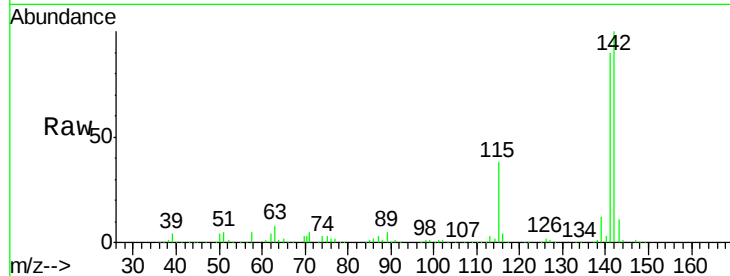
Tgt Ion:142 Resp: 905132

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

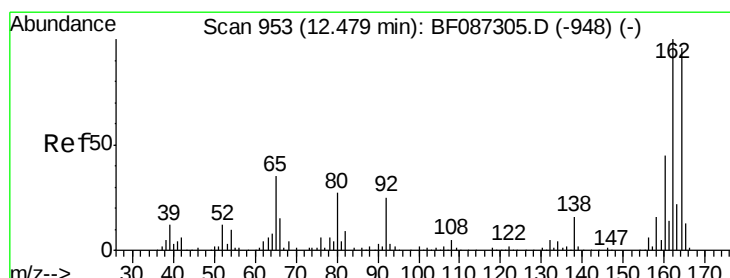
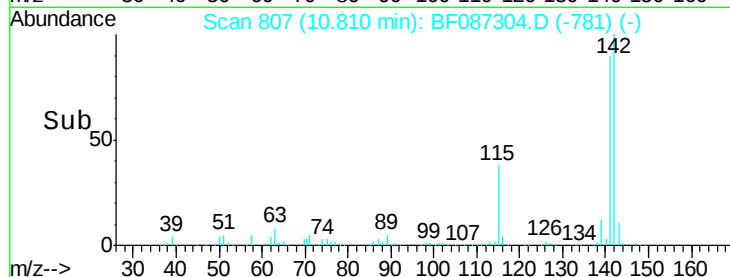
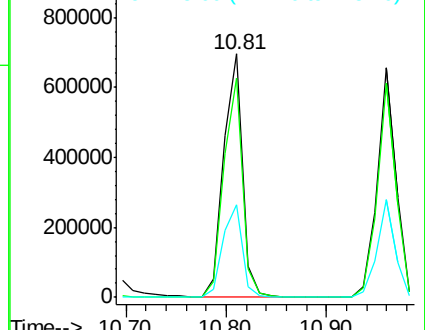
115 38.1 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

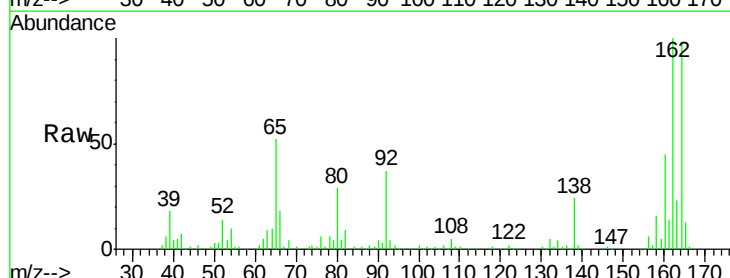
Tgt Ion:164 Resp: 272246

Ion Ratio Lower Upper

164 100

162 102.4 82.8 124.2

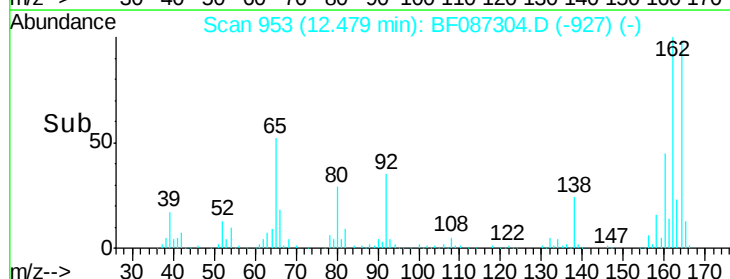
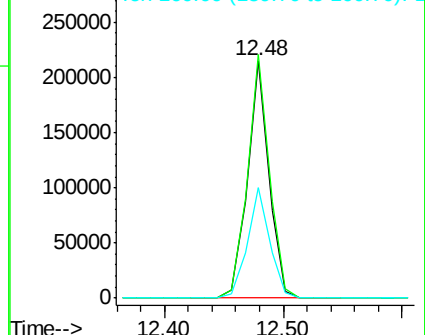
160 46.3 36.9 55.3

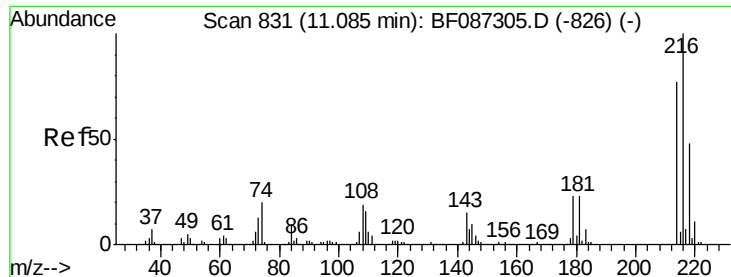


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

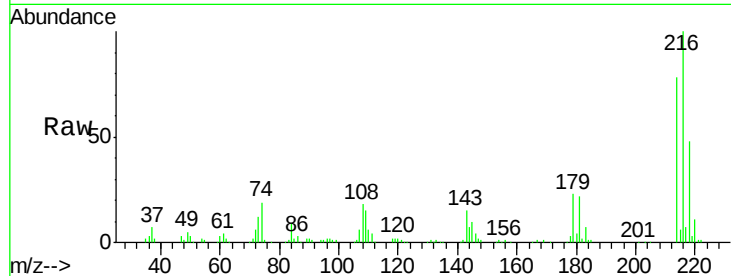




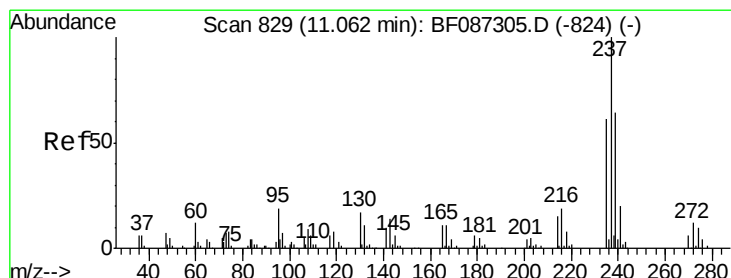
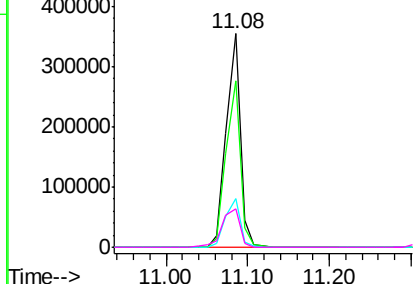
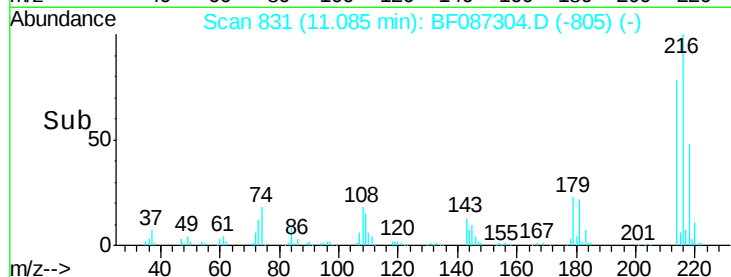
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.02 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	216	Resp:	423877
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	93.8
179	24.0	18.2	27.4
108	22.7	17.5	26.3

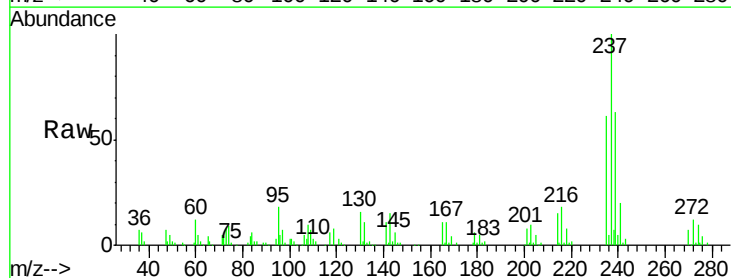


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

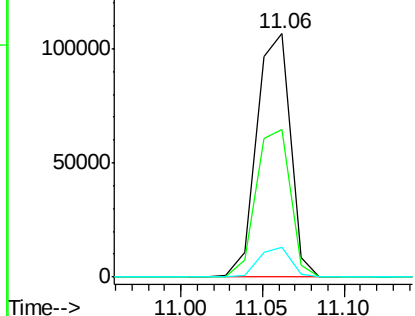
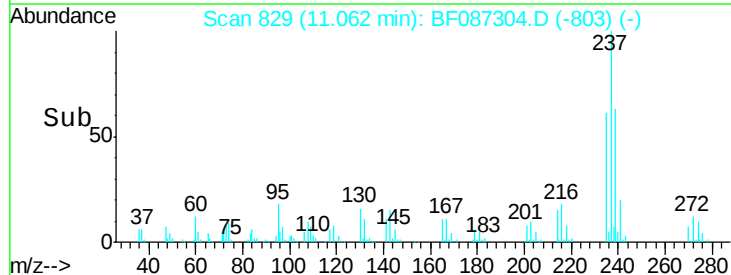


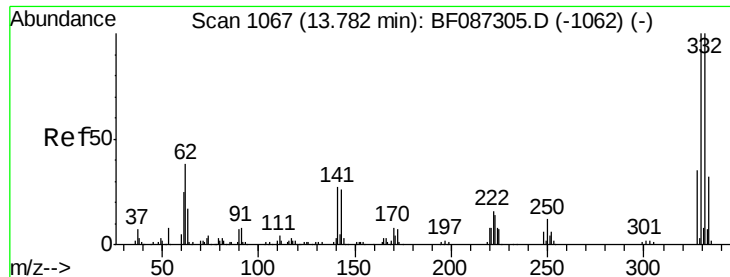
#40
 Hexachlorocyclopentadiene
 Concen: 60.61 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:	237	Resp:	153135
Ion	Ratio	Lower	Upper
237	100		
235	60.7	47.2	87.2
272	12.3	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

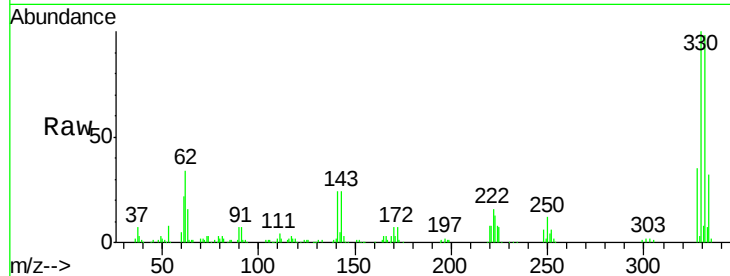




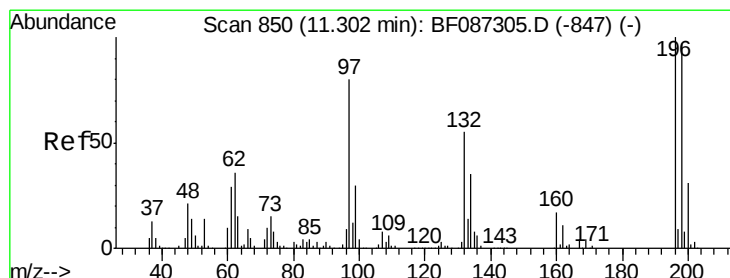
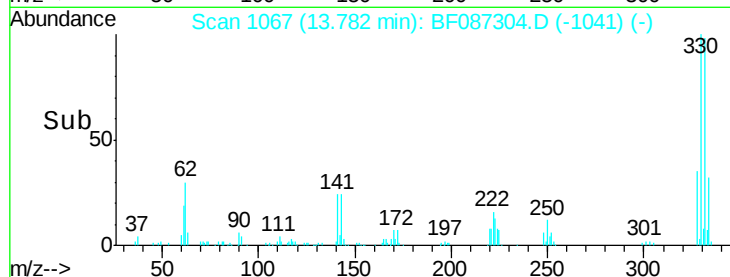
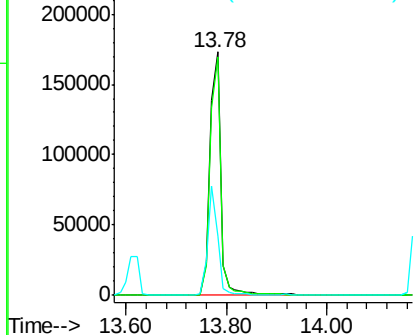
#41
 2,4,6-Tribromophenol
 Concen: 89.80 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 263300
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 41.4 31.2 46.8

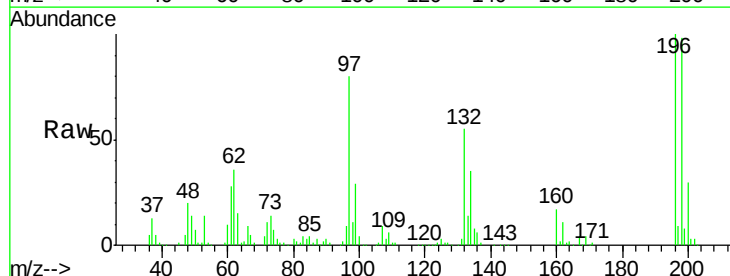


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

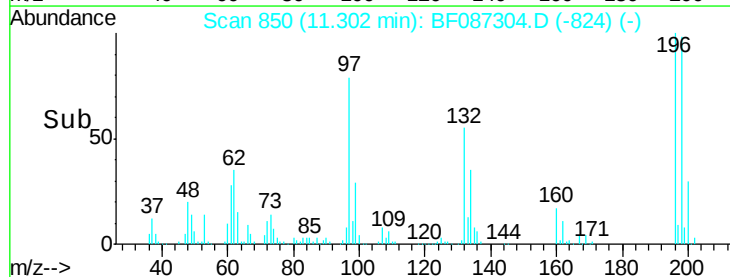
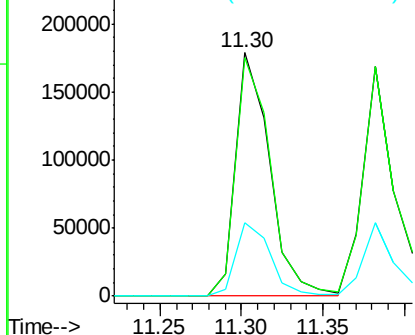


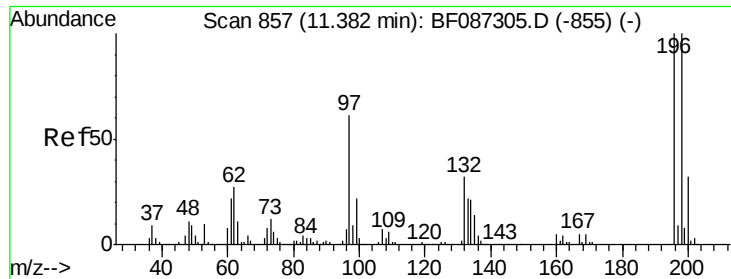
#42
 2,4,6-Trichlorophenol
 Concen: 50.06 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:196 Resp: 258622
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.7 112.1
 200 30.1 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

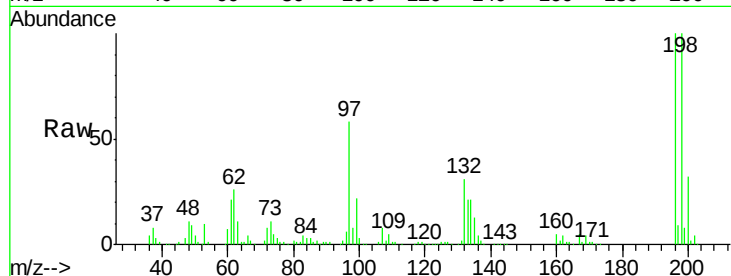




#43
 2,4,5-Trichlorophenol
 Concen: 49.39 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Resp	Lower	Upper
196	262676		
196	100		
198	100.5	77.5	116.3
97	58.3	34.8	52.2
132	31.6	23.0	34.4



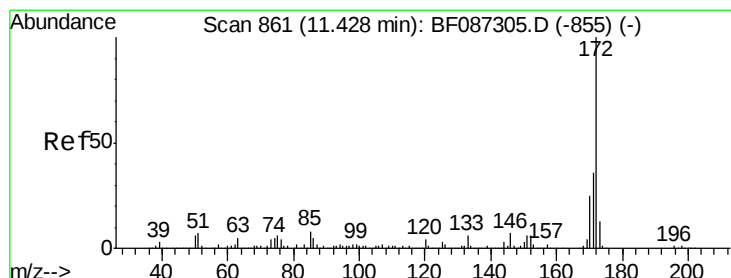
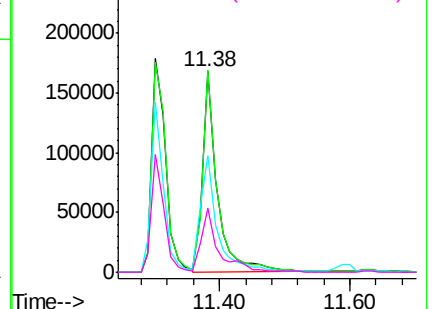
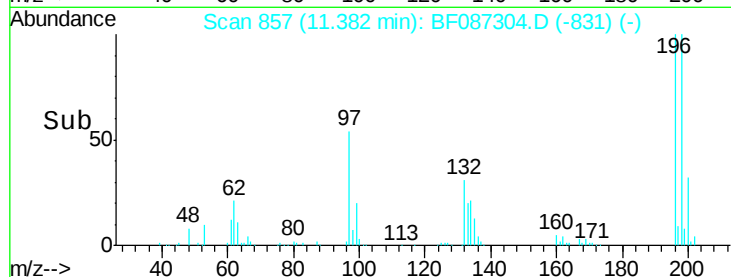
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

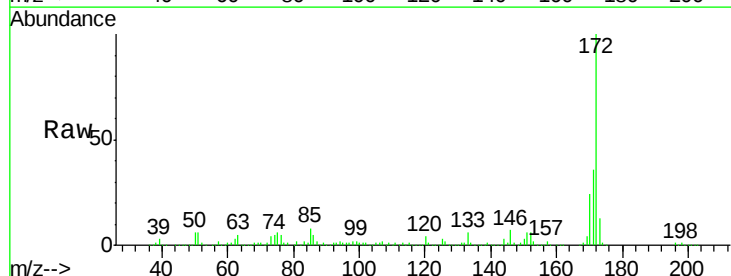
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.88 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion	Resp	Lower	Upper
172	1821245		
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8

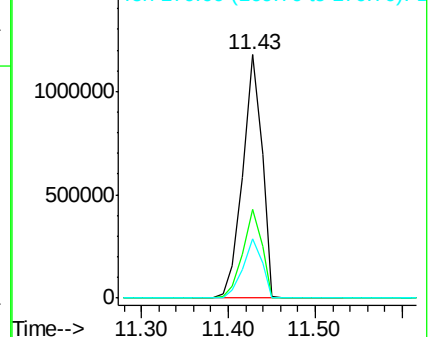
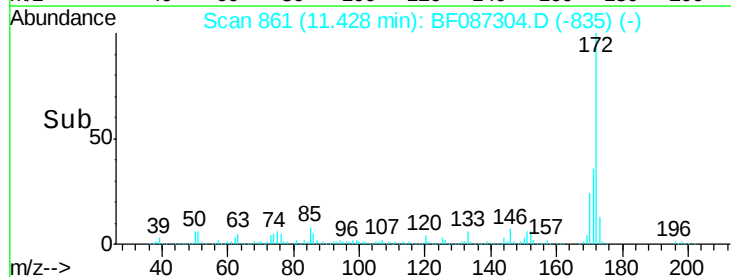


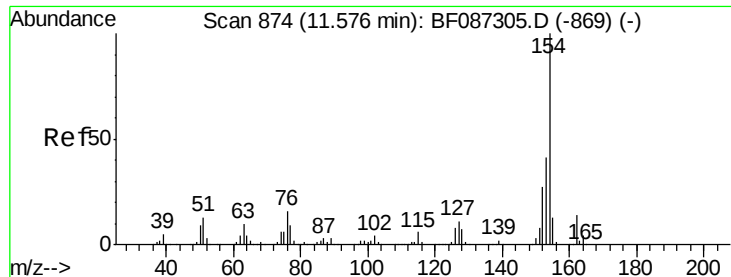
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

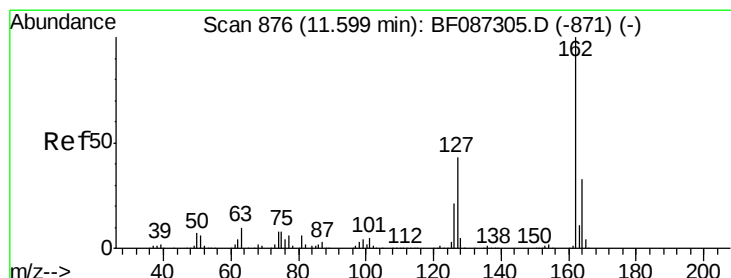
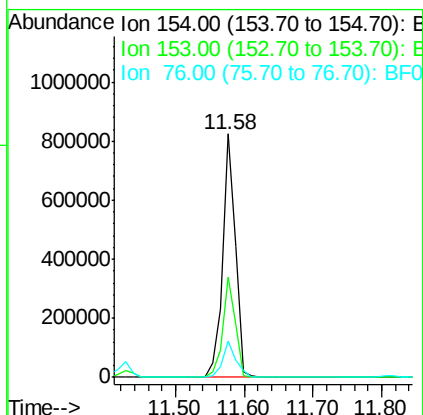
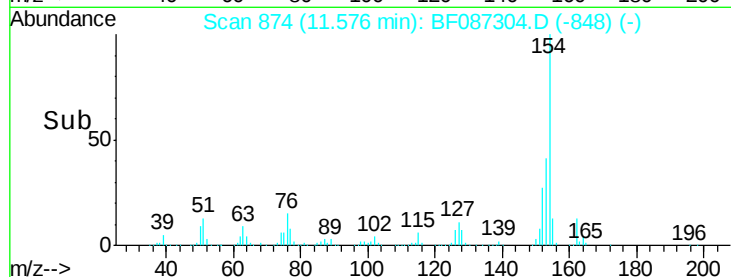
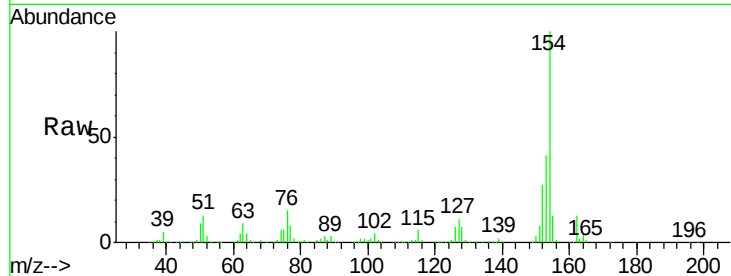




#45
 1,1'-Biphenyl
 Concen: 47.86 ng
 RT: 11.58 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

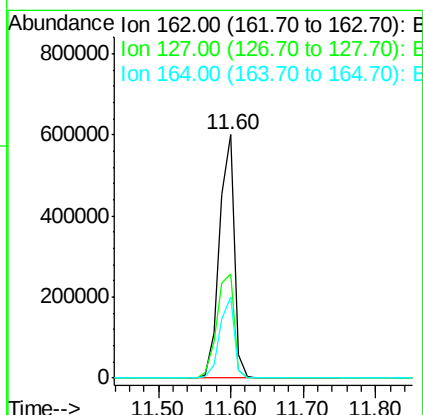
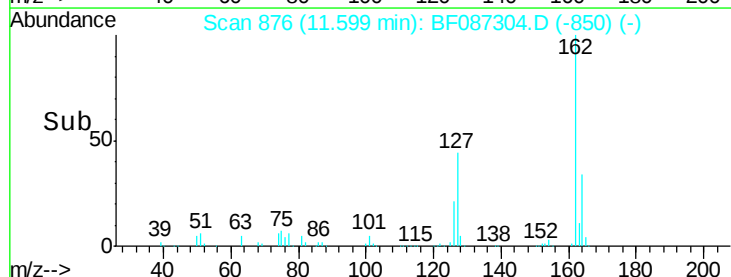
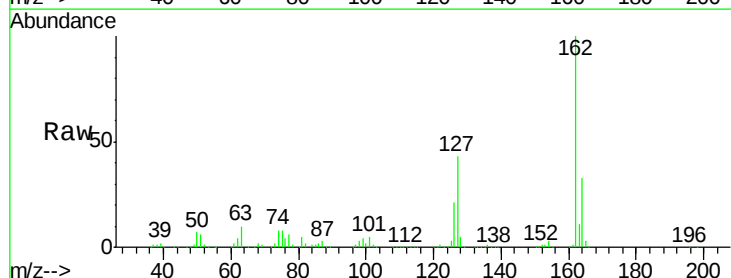
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

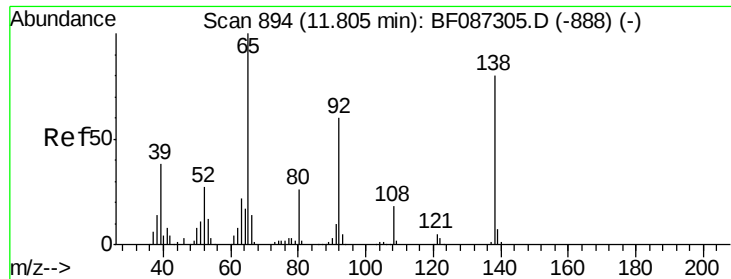
Tgt Ion:154 Resp: 1086805
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.3 60.3
 76 15.1 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 48.69 ng
 RT: 11.60 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:162 Resp: 851358
 Ion Ratio Lower Upper
 162 100
 127 42.9 31.8 47.6
 164 33.2 27.0 40.6

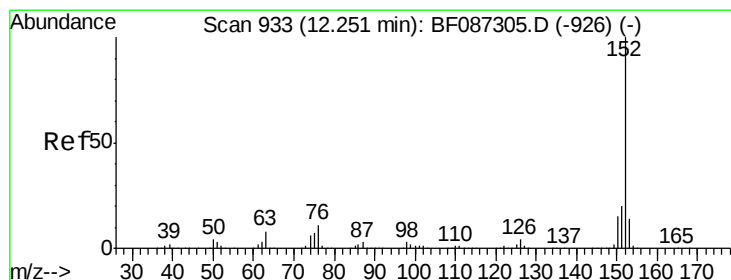
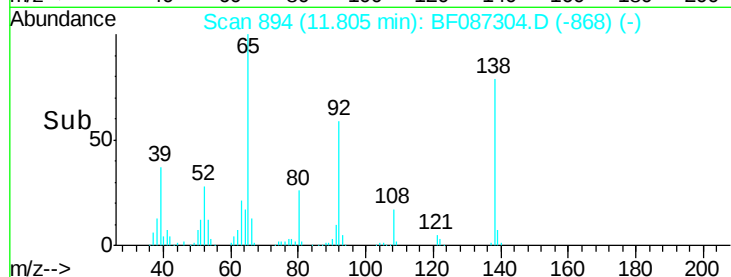
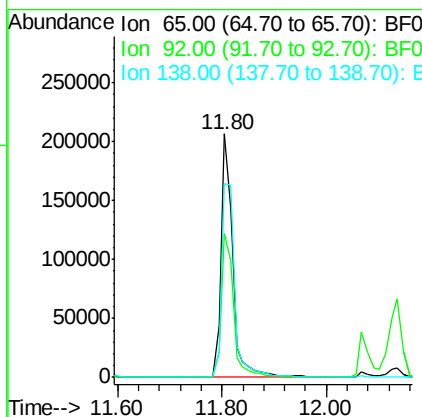
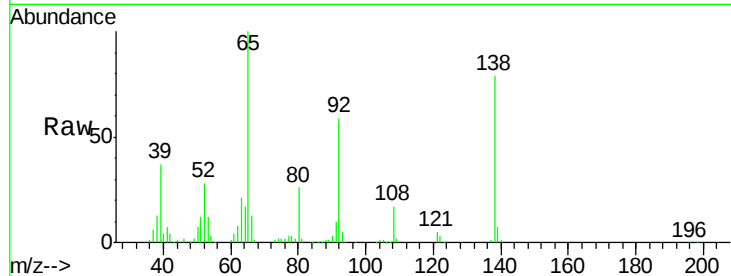




#47
2-Nitroaniline
Concen: 48.72 ng
RT: 11.80 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

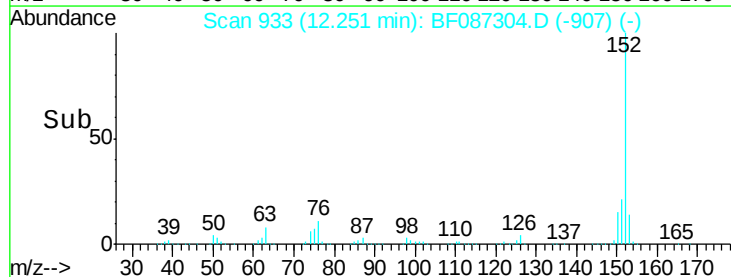
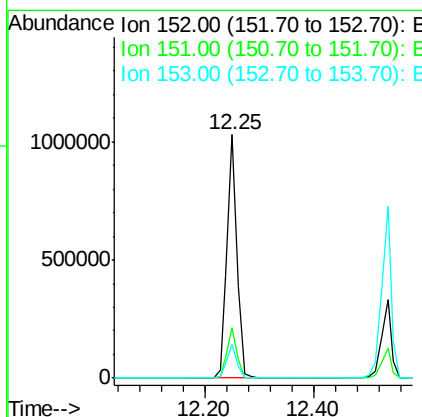
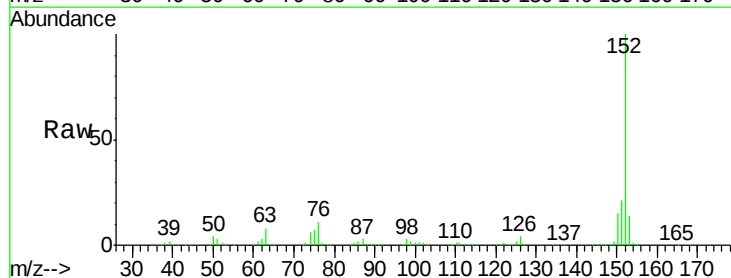
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

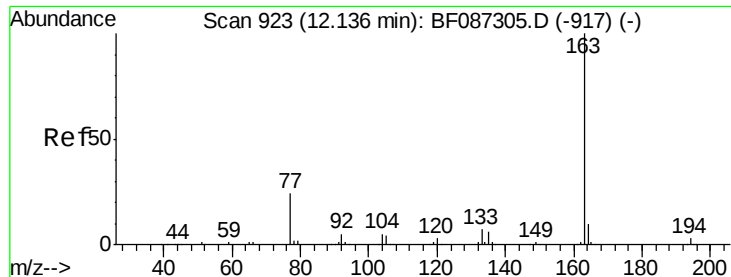
Tgt Ion: 65 Resp: 321204
Ion Ratio Lower Upper
65 100
92 59.1 57.4 86.2
138 79.4 90.1 135.1#



#48
Acenaphthylene
Concen: 49.43 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion: 152 Resp: 1330308
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.0 10.9 16.3

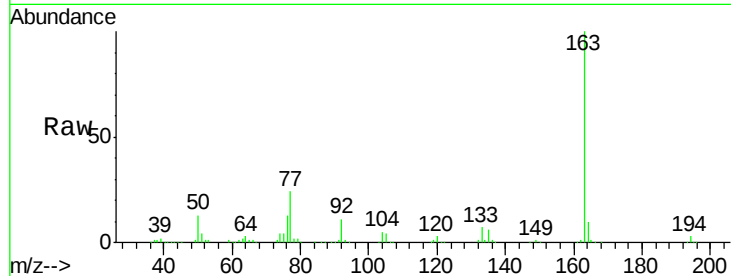




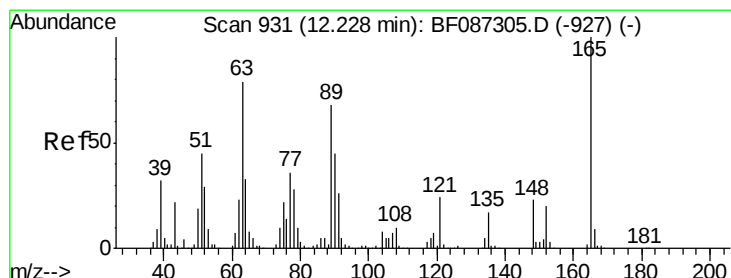
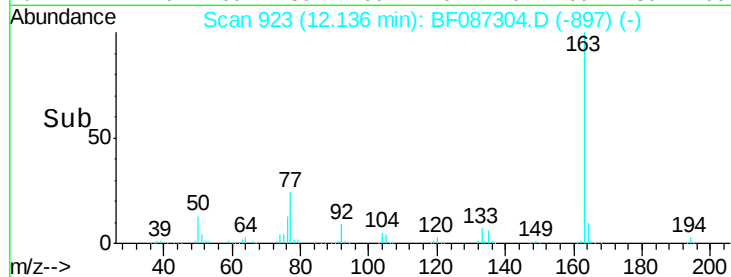
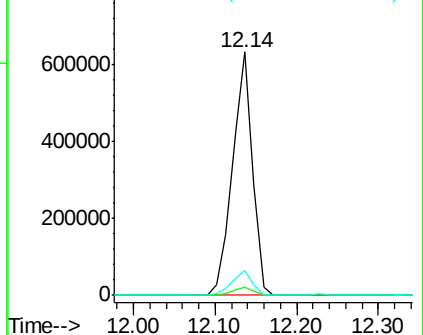
#49
Dimethylphthalate
Concen: 51.02 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:163 Resp: 1069261
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.2 12.4

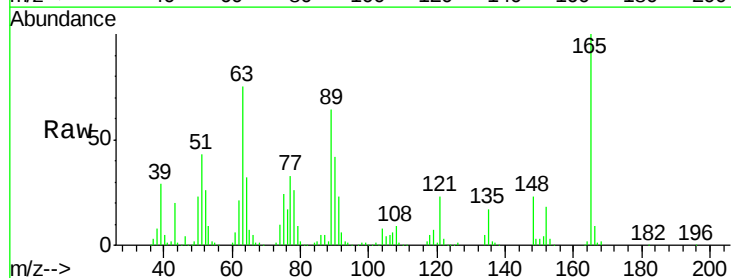


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

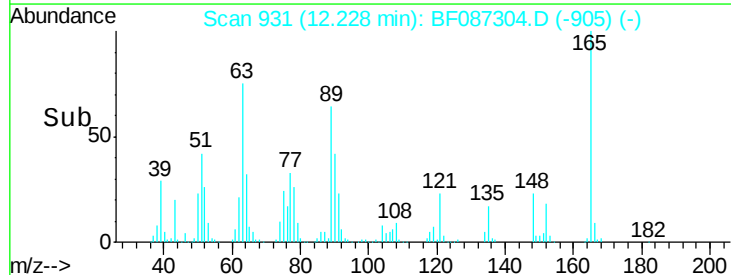
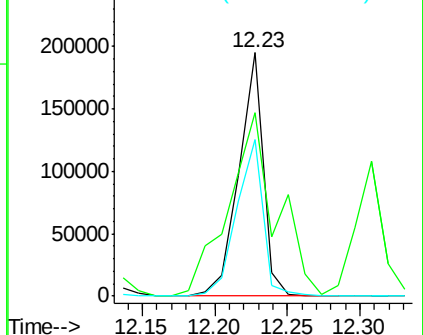


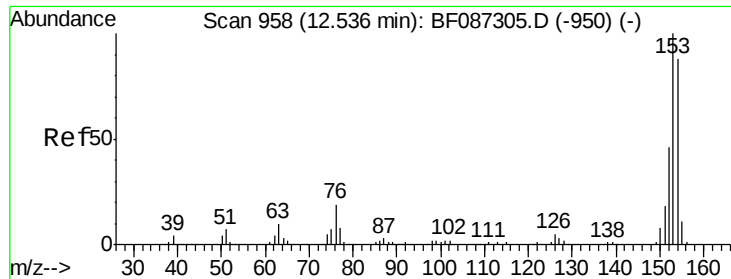
#50
2,6-Dinitrotoluene
Concen: 51.31 ng
RT: 12.23 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion:165 Resp: 228219
Ion Ratio Lower Upper
165 100
63 75.2 51.8 77.8
89 64.2 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.45 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

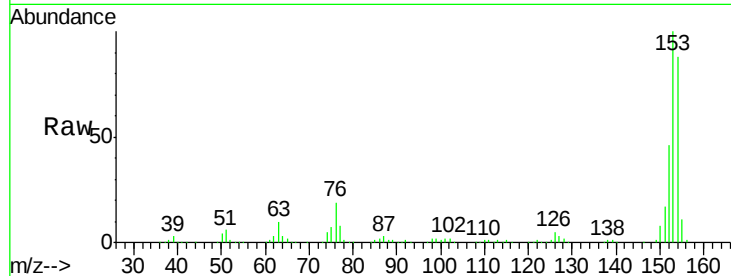
Tgt Ion:154 Resp: 812890

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

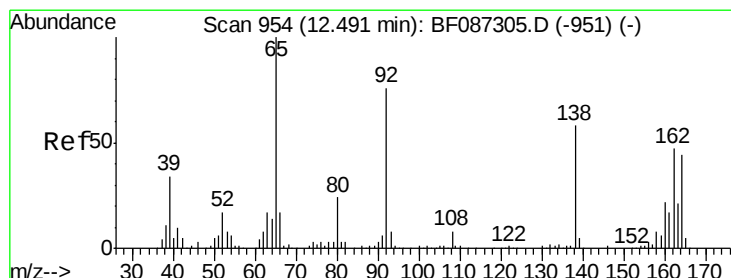
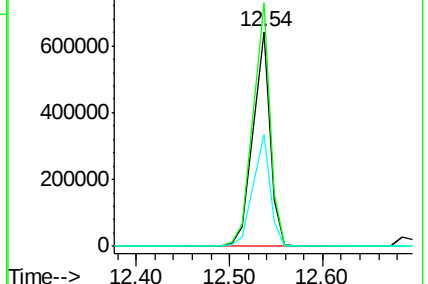
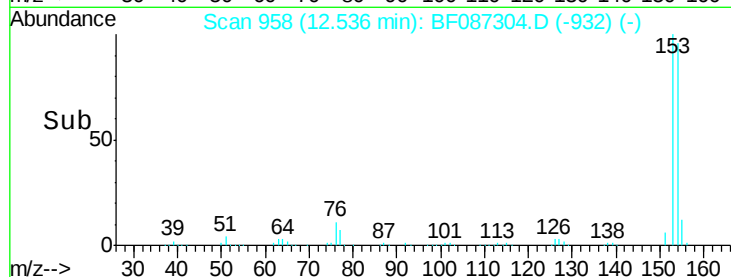
152 52.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.56 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

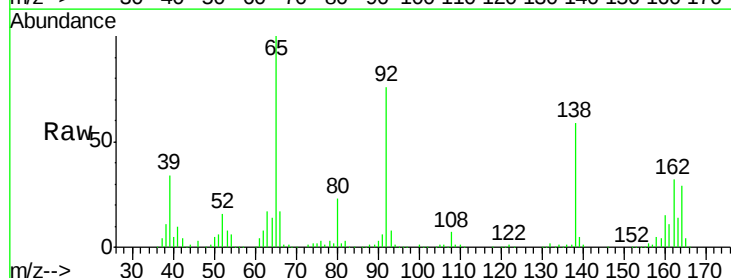
Tgt Ion:138 Resp: 224233

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.6#

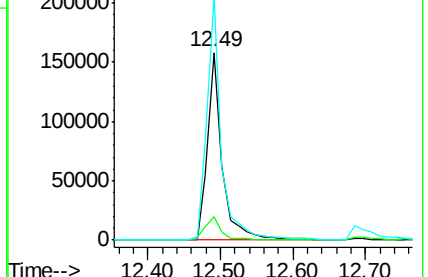
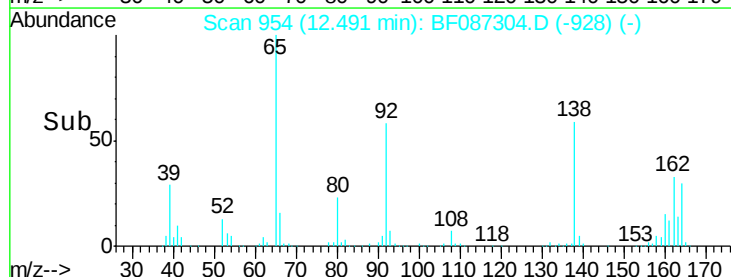
92 129.7 87.8 131.8

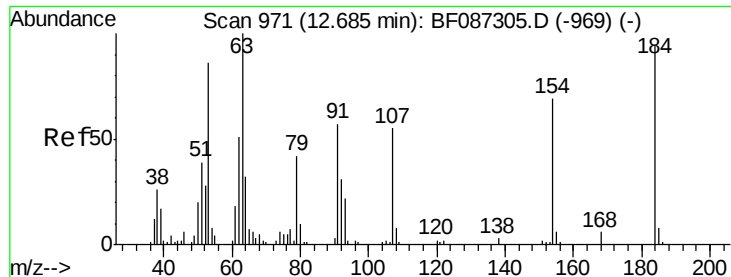


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

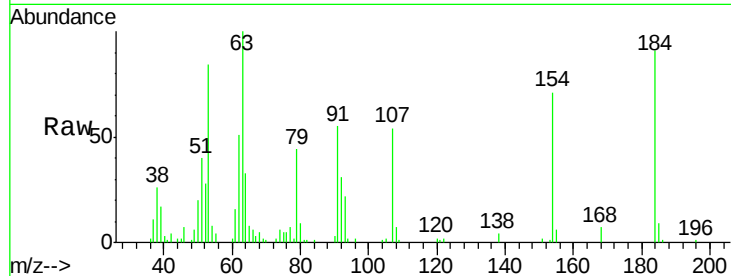




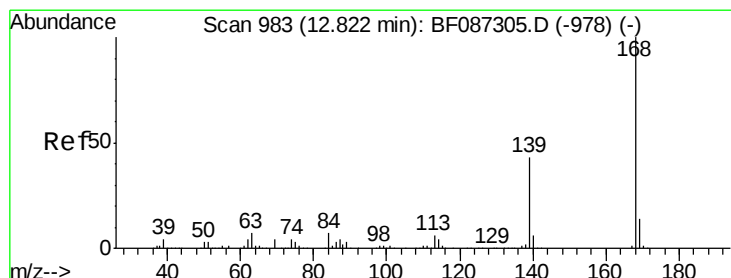
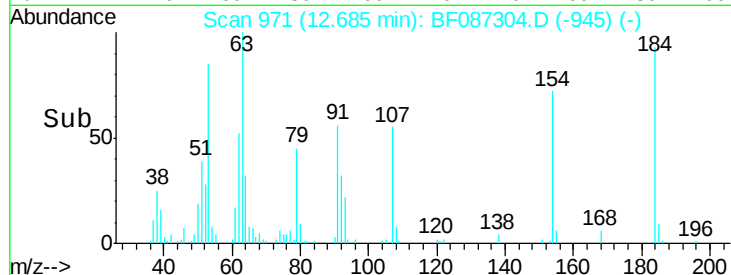
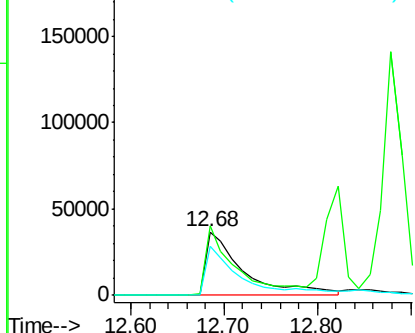
#53
2,4-Dinitrophenol
Concen: 47.01 ng
RT: 12.68 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:184 Resp: 102928
Ion Ratio Lower Upper
184 100
63 109.4 55.8 83.8#
154 77.6 62.4 93.6

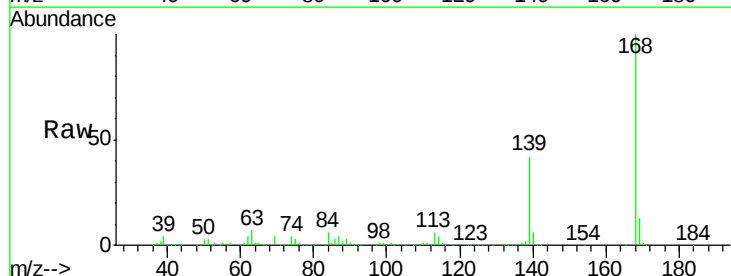


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

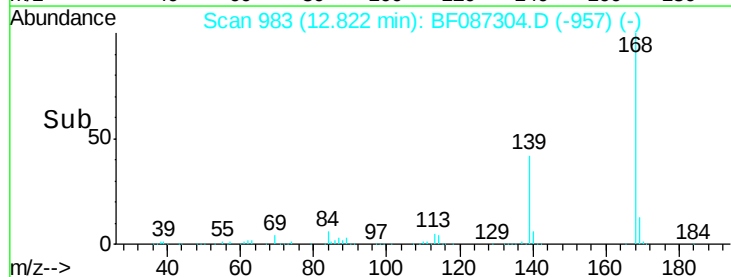
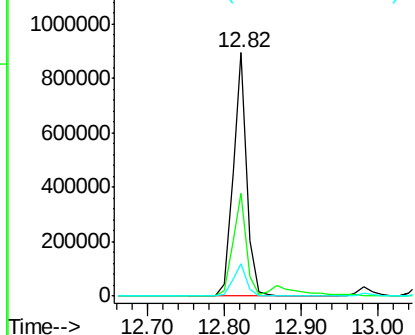


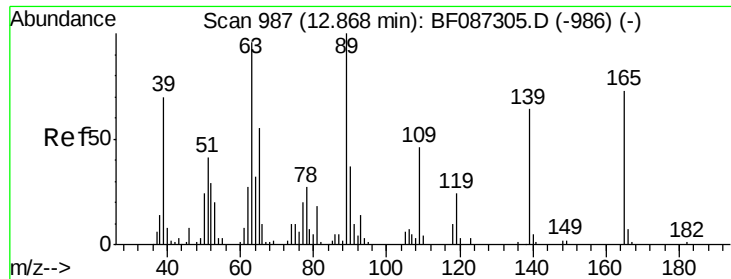
#54
Dibenzofuran
Concen: 50.94 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion:168 Resp: 1111834
Ion Ratio Lower Upper
168 100
139 42.2 31.4 47.0
169 13.4 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 51.41 ng

RT: 12.87 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

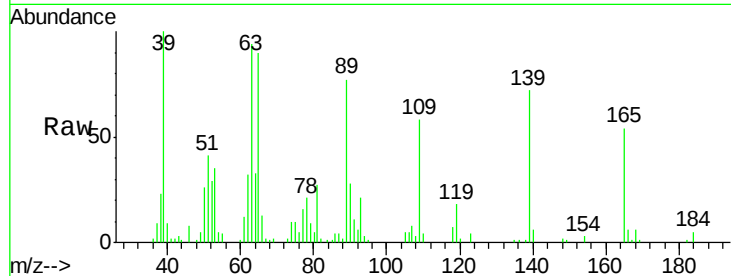
Tgt Ion:139 Resp: 105993

Ion Ratio Lower Upper

139 100

109 79.7 36.9 76.9#

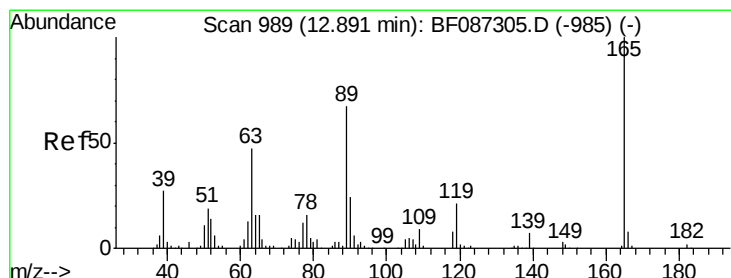
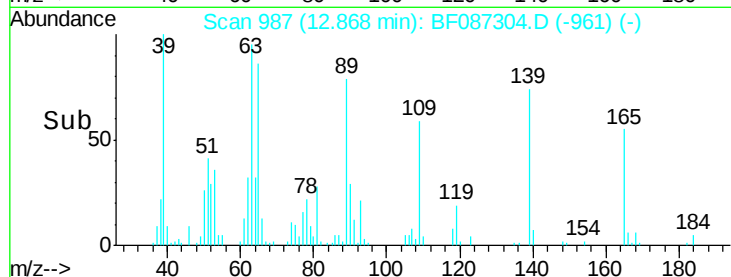
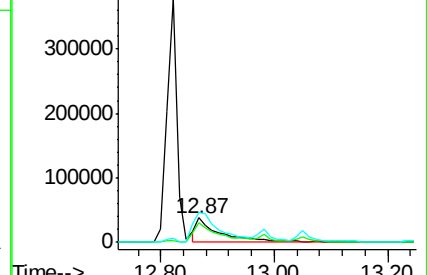
65 124.2 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.51 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Tgt Ion:165 Resp: 298411

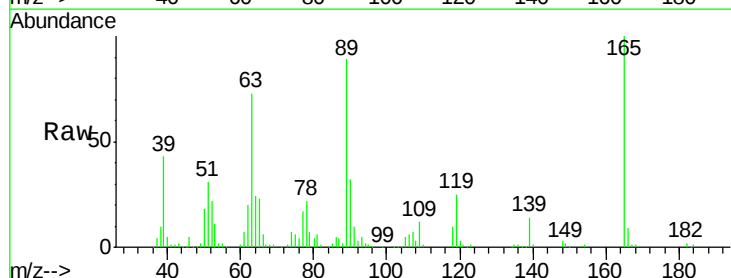
Ion Ratio Lower Upper

165 100

63 73.3 44.3 66.5#

89 88.9 70.0 105.0

182 2.3 1.8 2.6

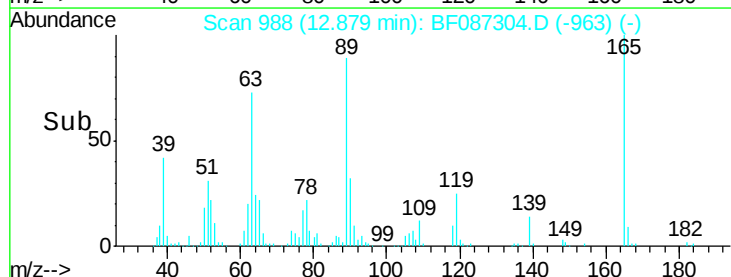
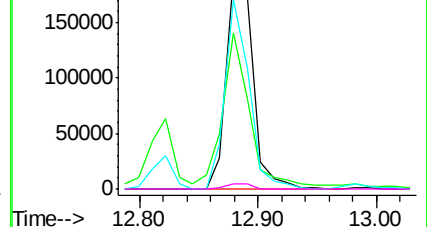


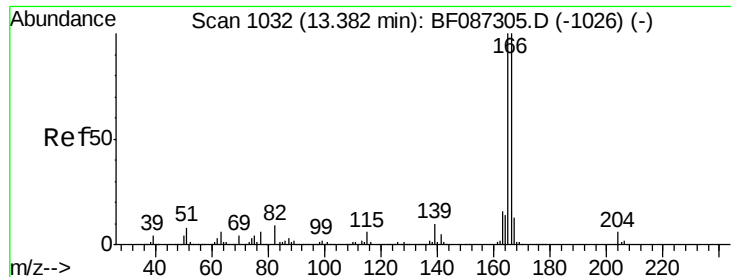
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.94 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

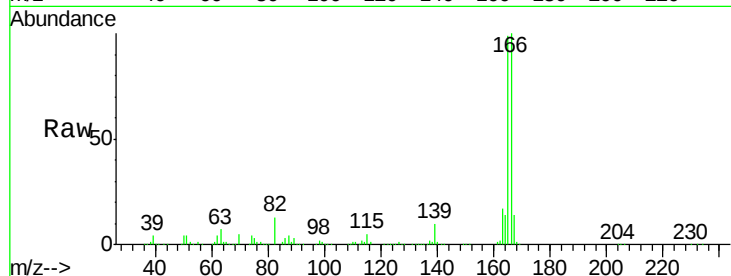
Tgt Ion:166 Resp: 964739

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

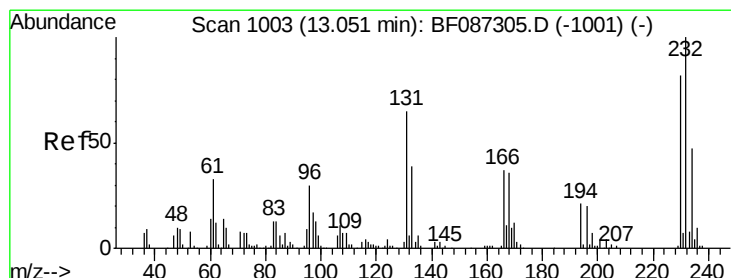
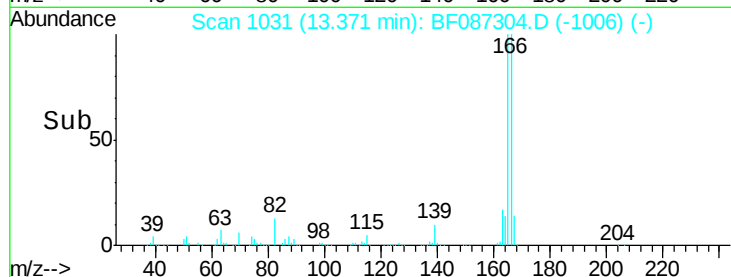
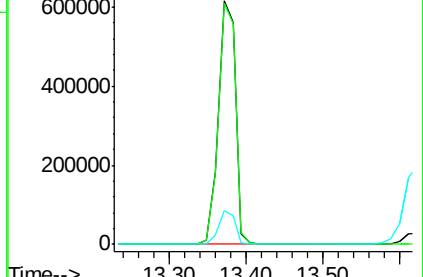
167 13.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.31 ng

RT: 13.05 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Tgt Ion:232 Resp: 205117

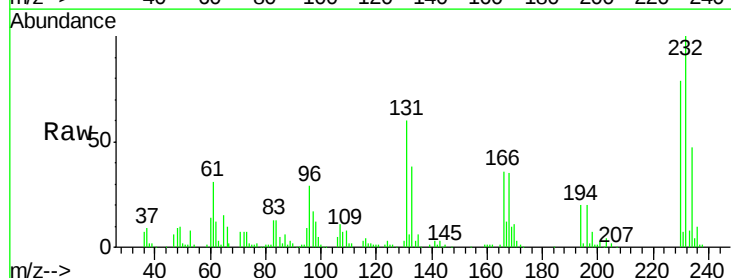
Ion Ratio Lower Upper

232 100

131 52.8 41.9 62.9

130 2.7 2.2 3.4

166 32.4 26.8 40.2

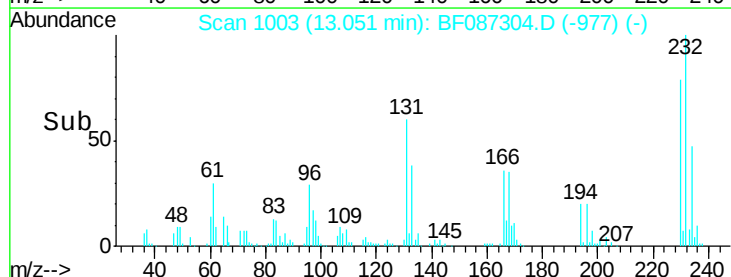
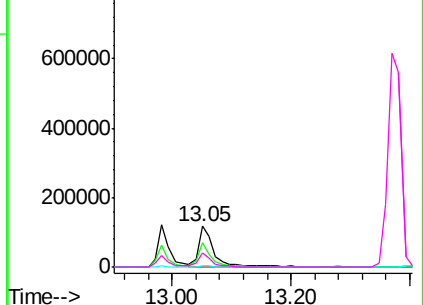


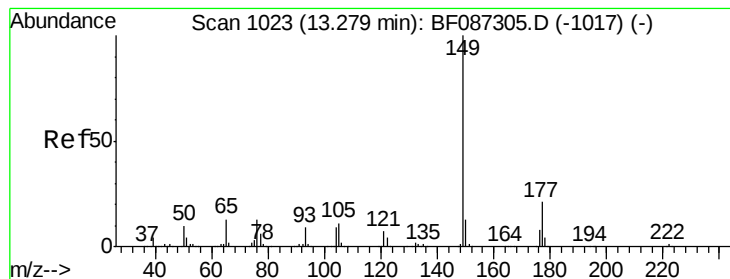
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.16 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

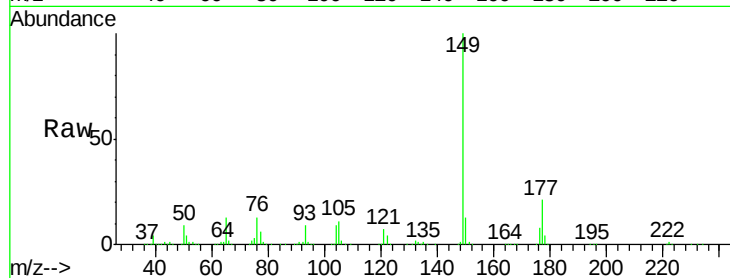
Tgt Ion:149 Resp: 1011752

Ion Ratio Lower Upper

149 100

177 21.4 16.6 24.8

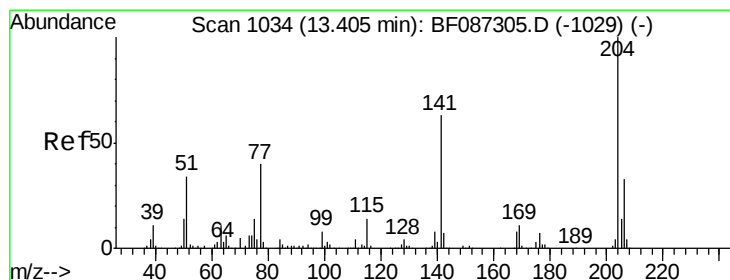
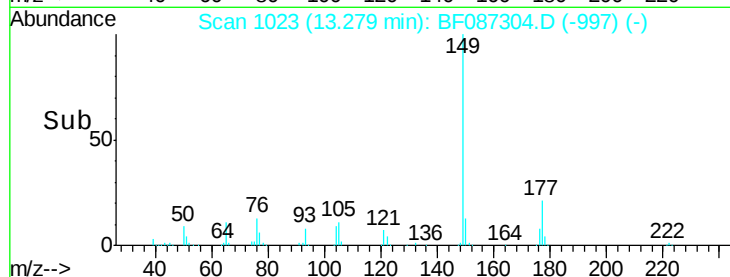
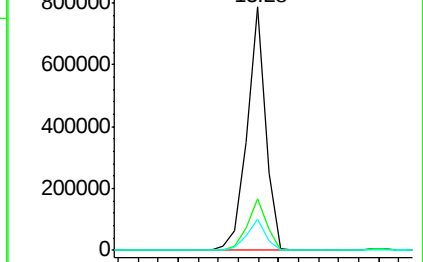
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 57.30 ng

RT: 13.41 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

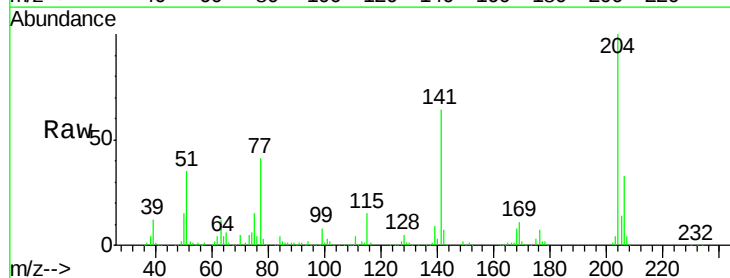
Tgt Ion:204 Resp: 474575

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

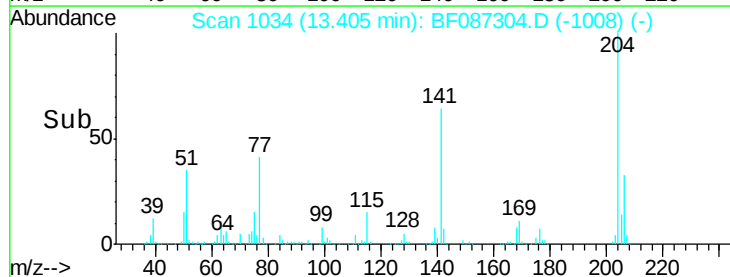
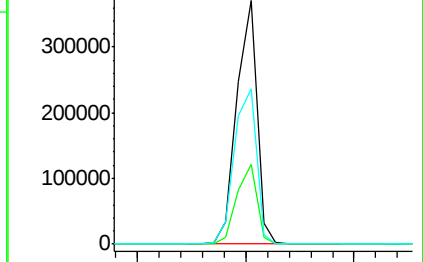
141 63.9 61.6 92.4

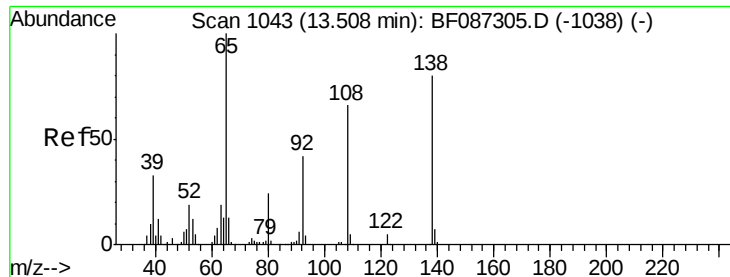


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

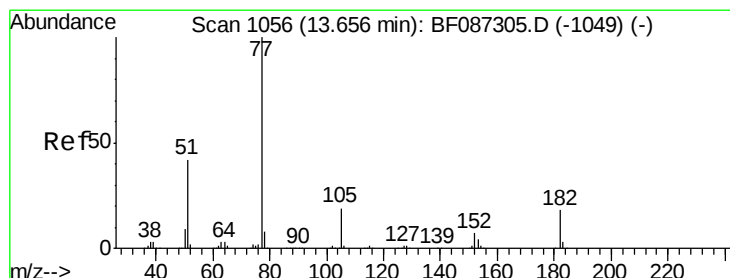
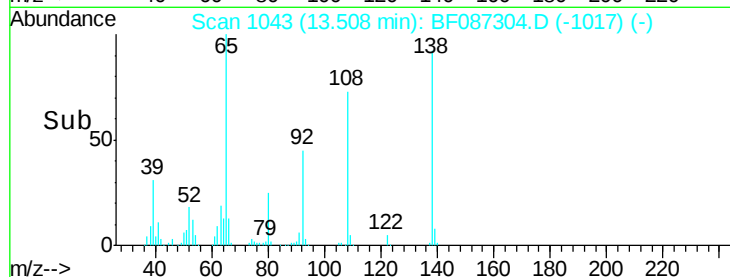
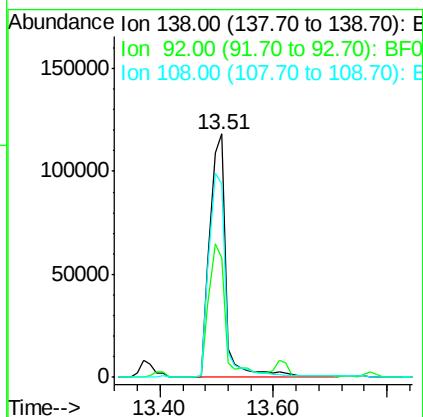
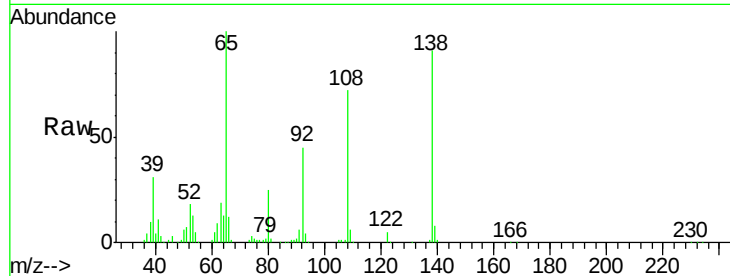




#61
4-Nitroaniline
Concen: 48.96 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

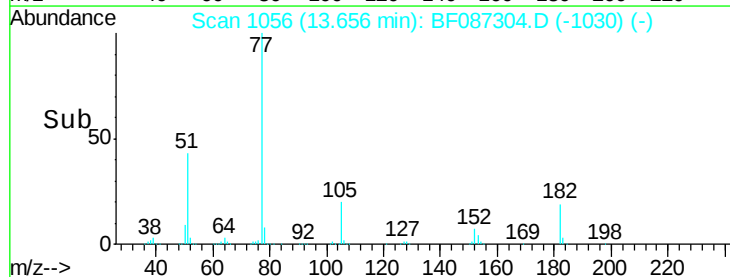
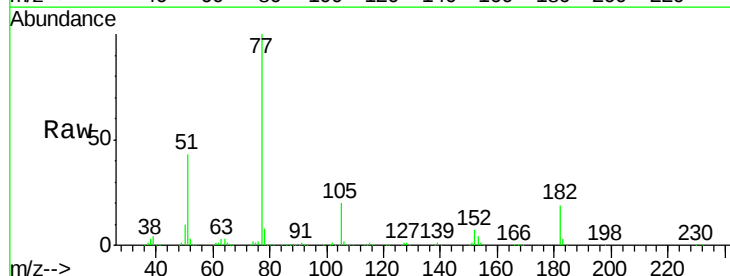
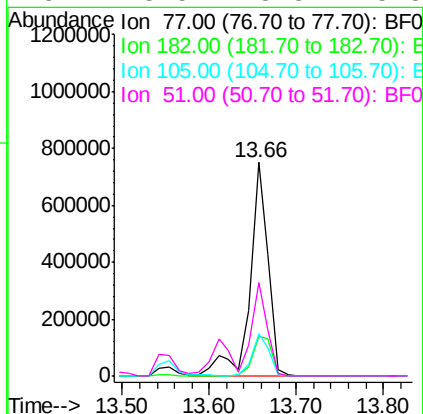
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

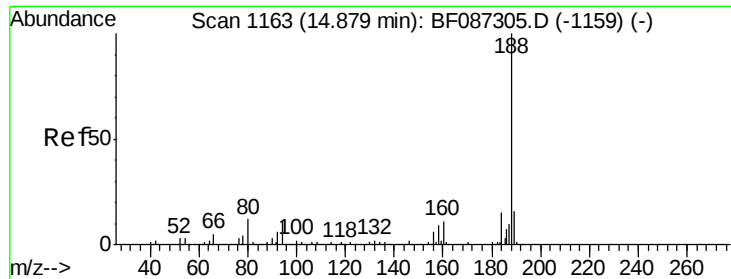
Tgt Ion:138 Resp: 229822
Ion Ratio Lower Upper
138 100
92 49.3 24.7 64.7
108 79.8 37.4 77.4#



#62
Azobenzene
Concen: 48.69 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion: 77 Resp: 1109069
Ion Ratio Lower Upper
77 100
182 18.6 0.0 38.8
105 19.8 3.2 43.2
51 43.5 8.8 48.8

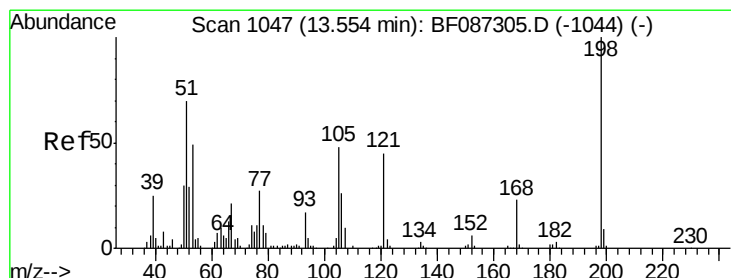
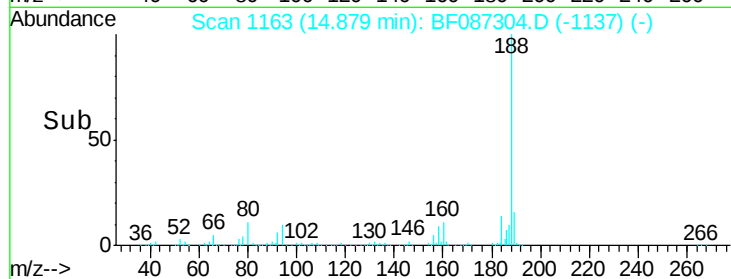
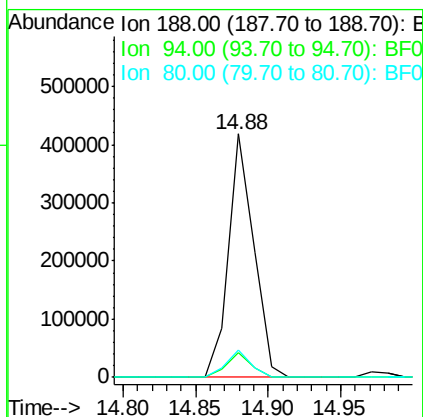
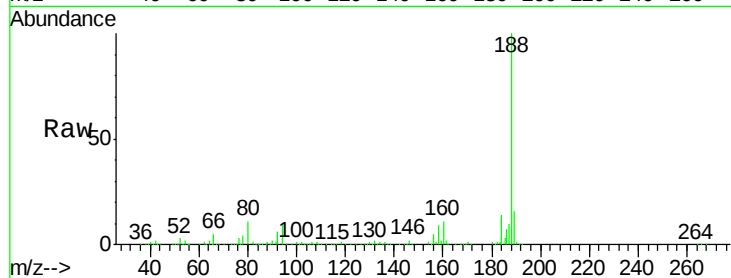




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

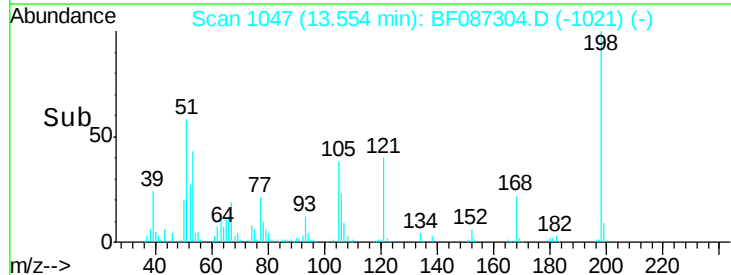
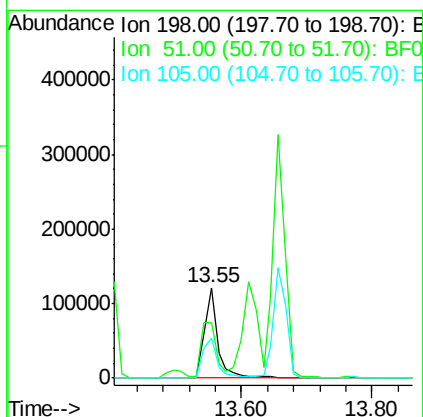
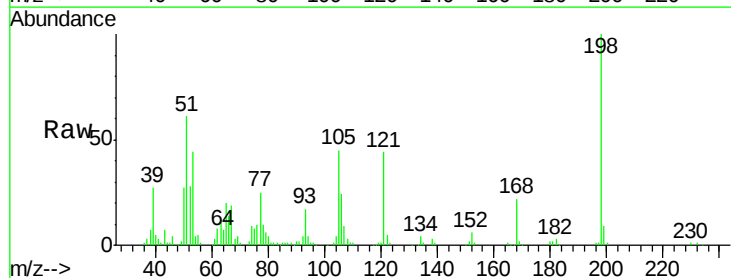
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

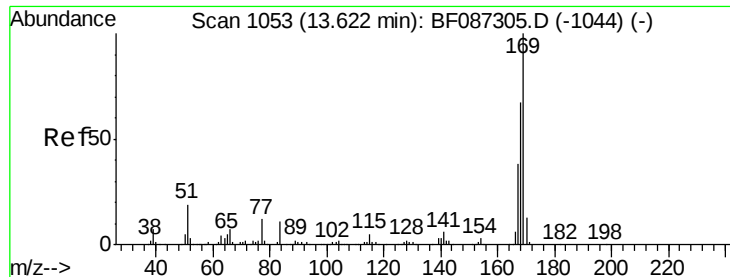
Tgt Ion:188 Resp: 507753
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2
80 11.2 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.76 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion:198 Resp: 172987
Ion Ratio Lower Upper
198 100
51 61.2 20.5 60.5#
105 44.5 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 50.98 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

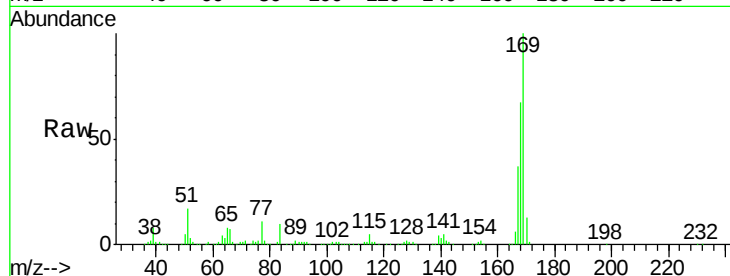
Tgt Ion:169 Resp: 814980

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

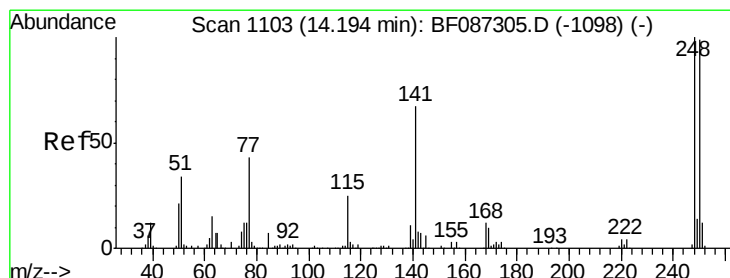
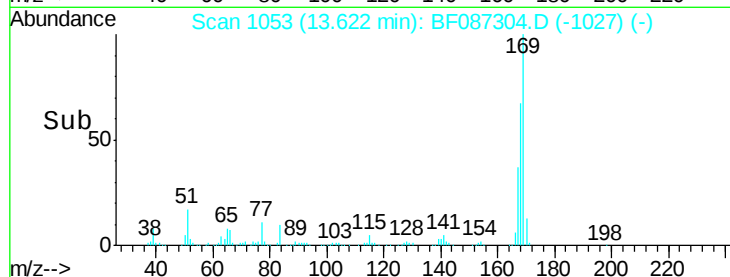
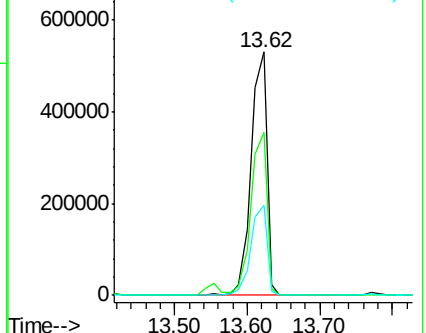
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.57 ng

RT: 14.19 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

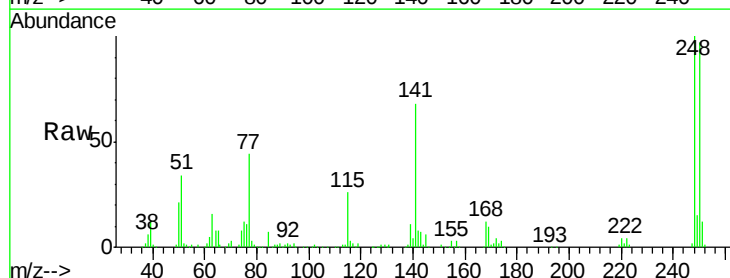
Tgt Ion:248 Resp: 275639

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

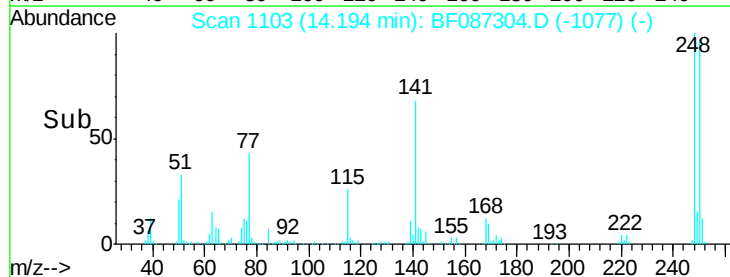
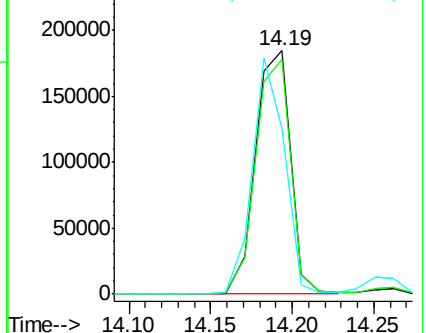
141 67.8 76.0 114.0#

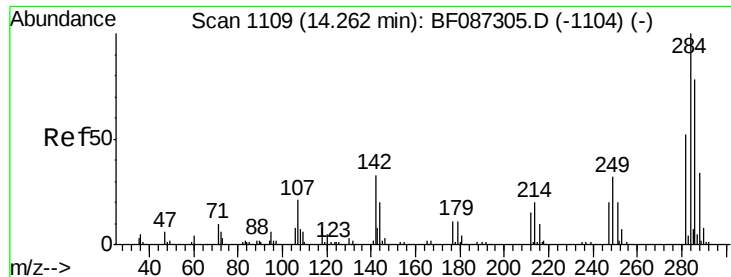


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

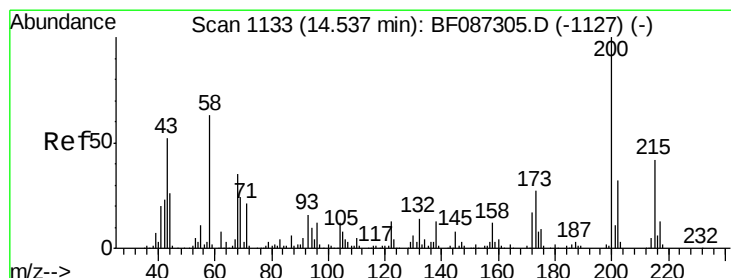
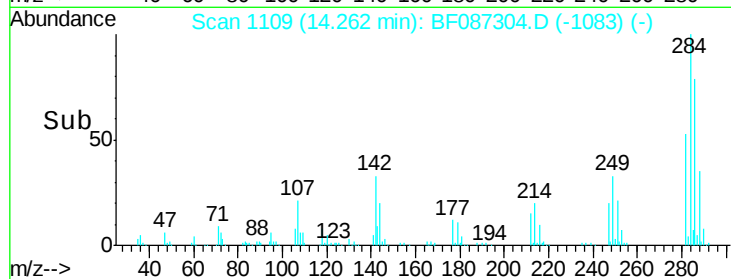
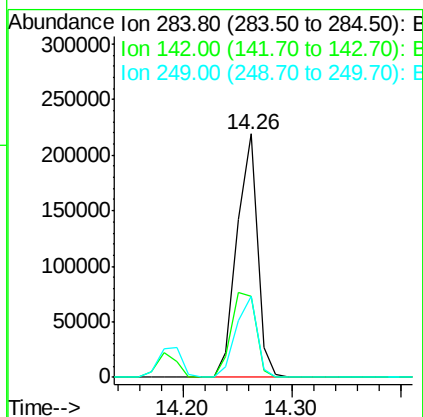
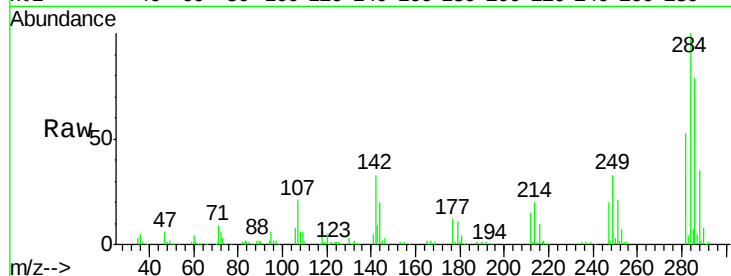




#67
Hexachlorobenzene
Concen: 47.69 ng
RT: 14.26 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

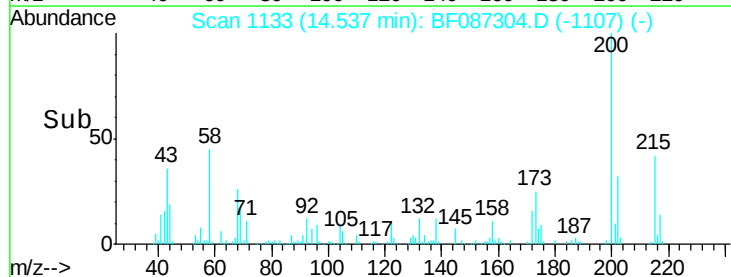
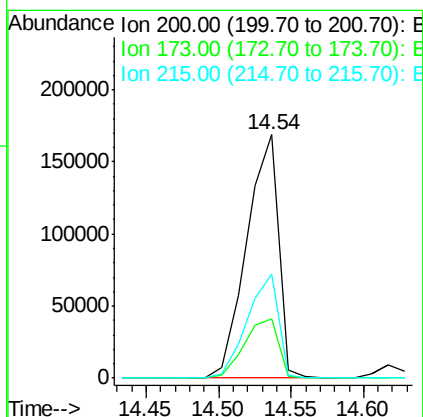
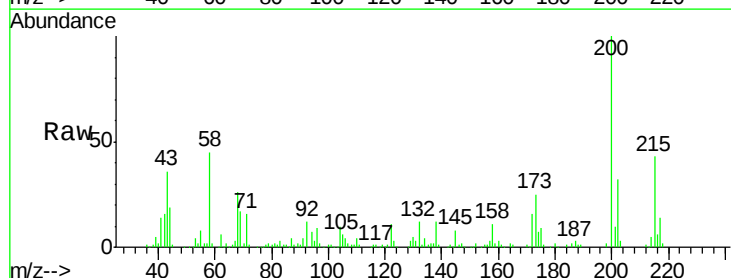
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

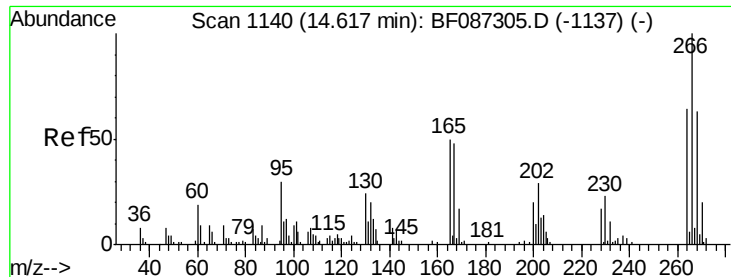
Tgt Ion: 284 Resp: 284946
Ion Ratio Lower Upper
284 100
142 33.5 16.7 25.1#
249 33.3 21.3 31.9#



#68
Atrazine
Concen: 49.30 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF087304.D
Acq: 23 May 2016 17:08

Tgt Ion: 200 Resp: 256454
Ion Ratio Lower Upper
200 100
173 24.6 8.5 48.5
215 42.8 27.2 67.2

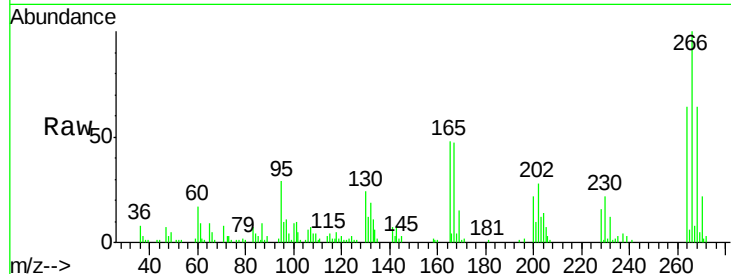




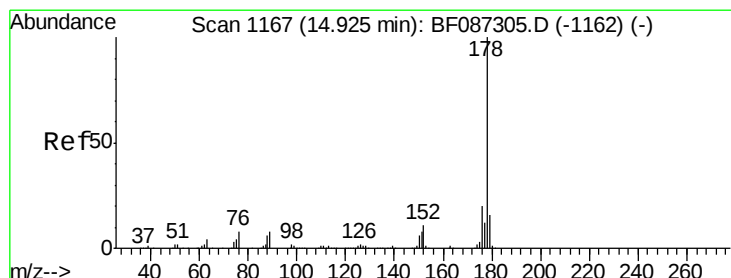
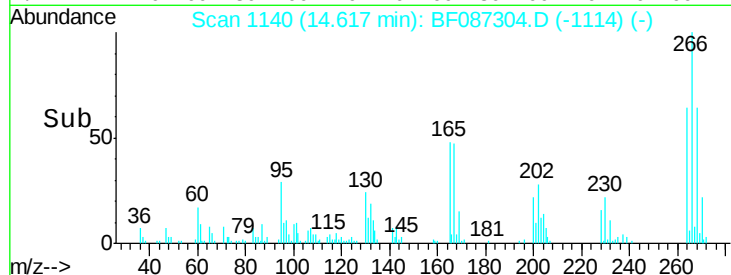
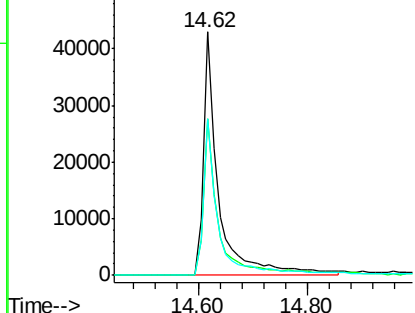
#69
 Pentachlorophenol
 Concen: 38.81 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:266 Resp: 83398
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 64.1 52.9 79.3

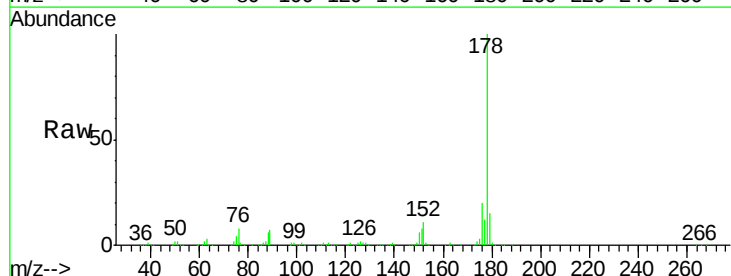


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

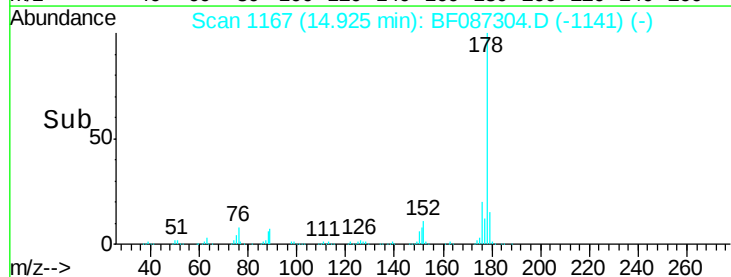
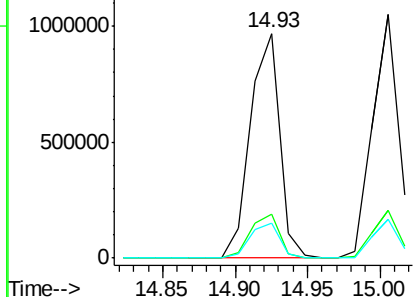


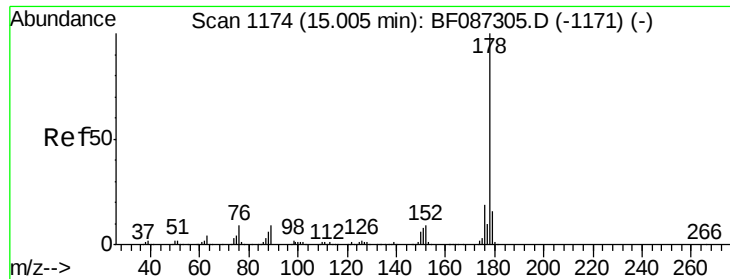
#70
 Phenanthrene
 Concen: 49.74 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:178 Resp: 1364690
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

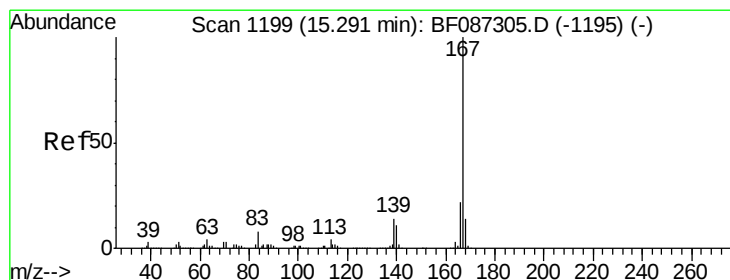
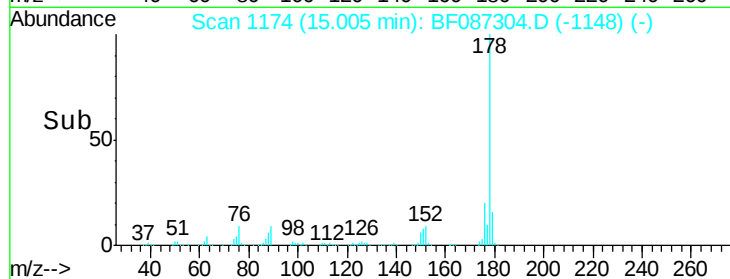
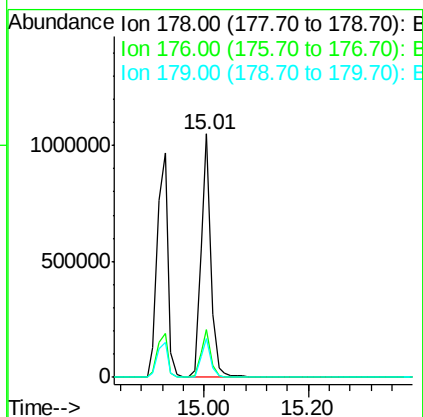
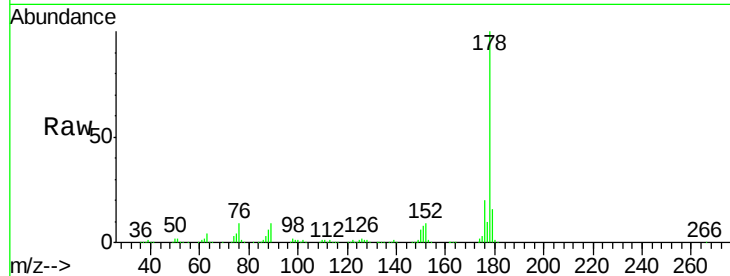




#71
 Anthracene
 Concen: 48.19 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

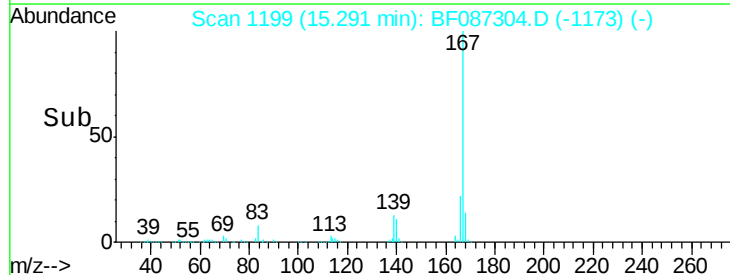
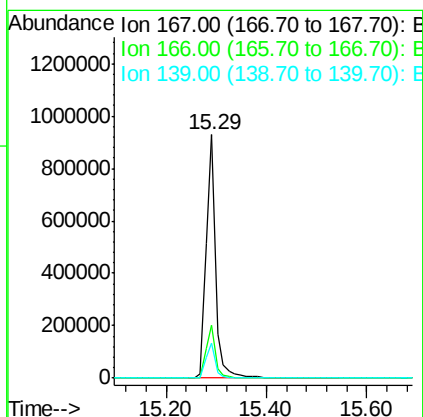
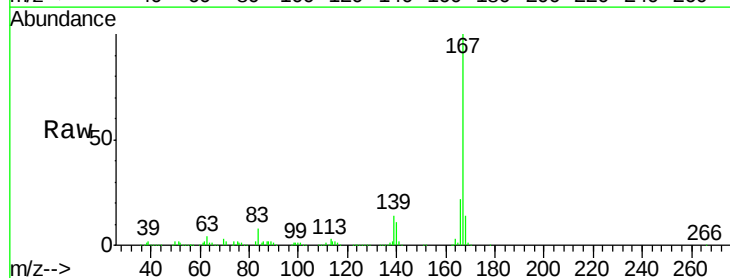
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

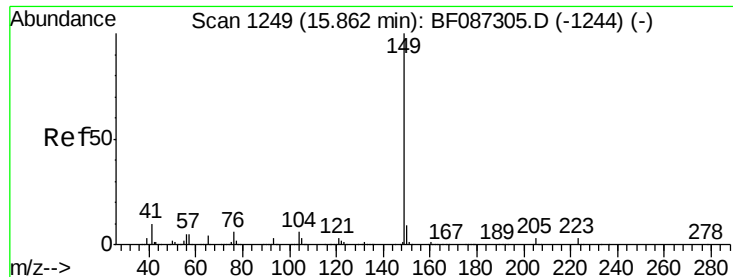
Tgt Ion:178 Resp: 1366848
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 48.11 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:167 Resp: 1211394
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 54.37 ng

RT: 15.86 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

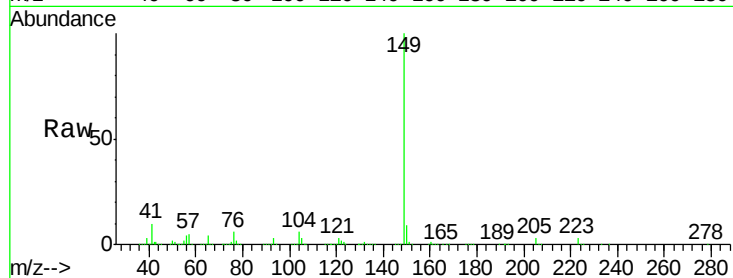
Tgt Ion:149 Resp: 1603793

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

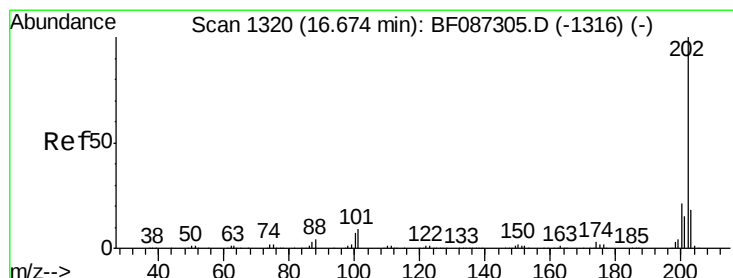
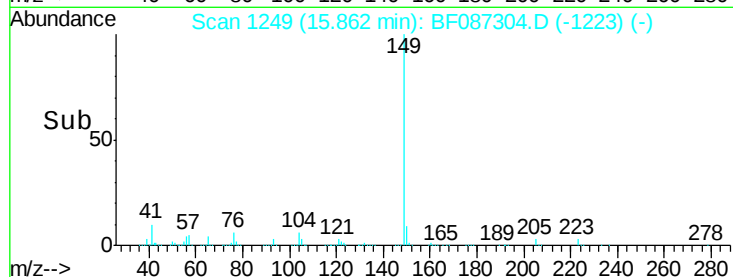
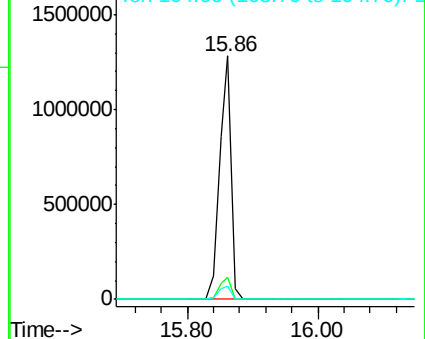
104 5.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.94 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

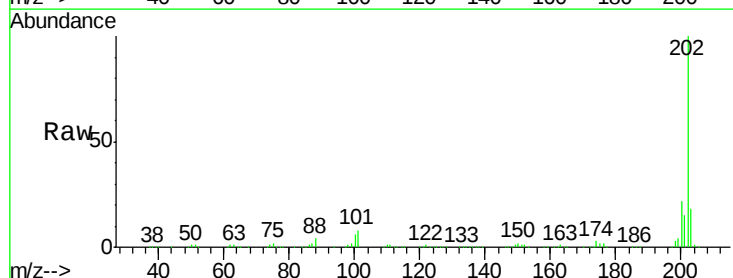
Tgt Ion:202 Resp: 1391582

Ion Ratio Lower Upper

202 100

101 8.4 0.0 35.4

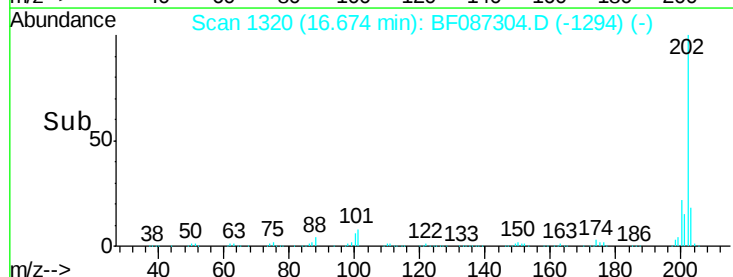
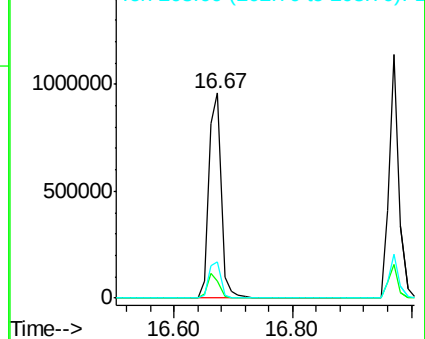
203 17.5 0.0 38.1

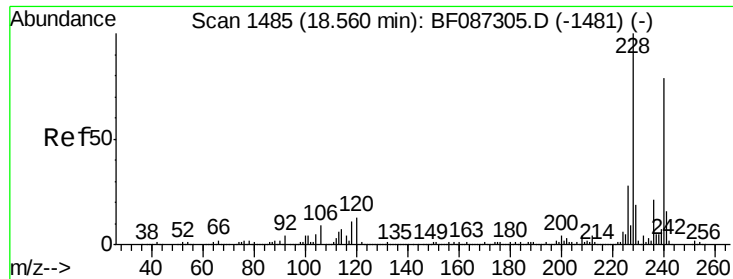


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

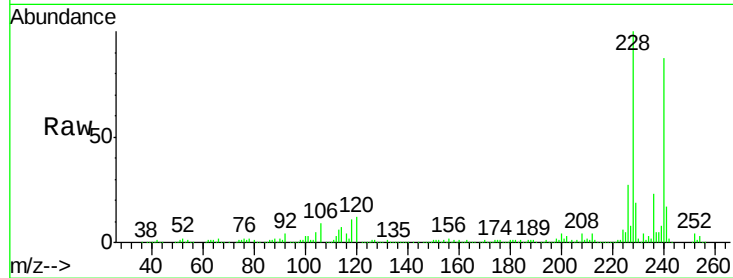
Tgt Ion:240 Resp: 398275

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

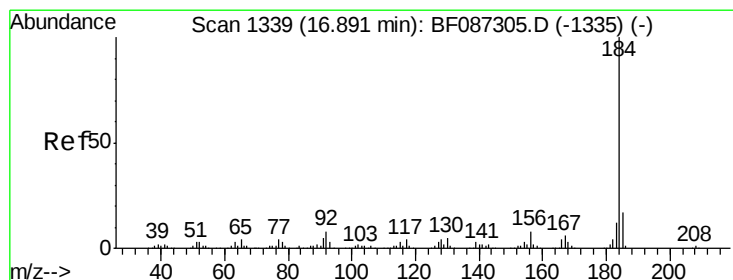
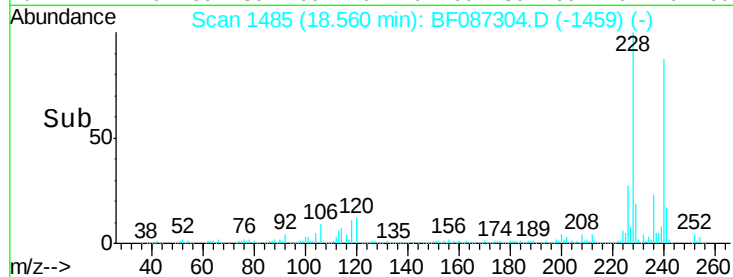
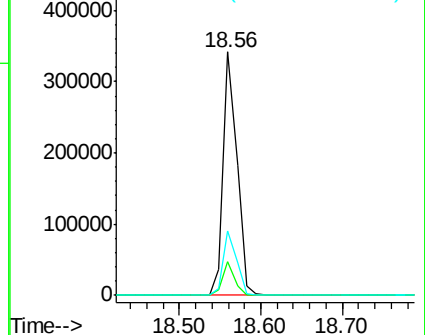
236 26.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.08 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

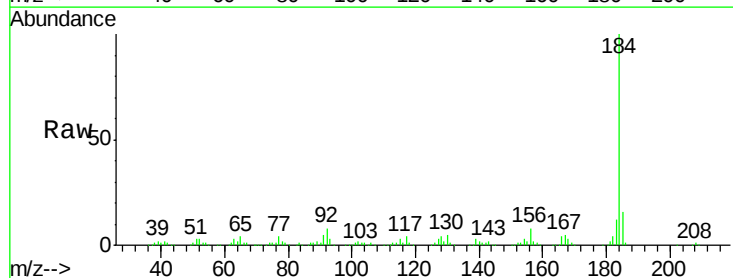
Tgt Ion:184 Resp: 514800

Ion Ratio Lower Upper

184 100

185 16.3 13.6 20.4

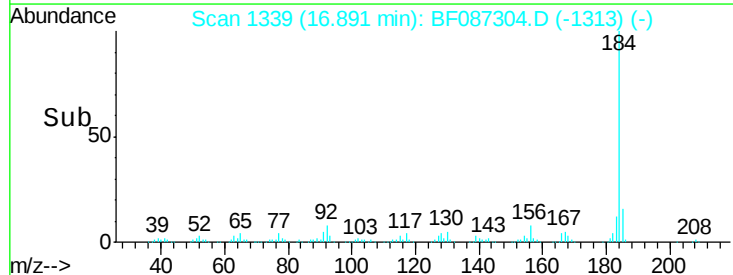
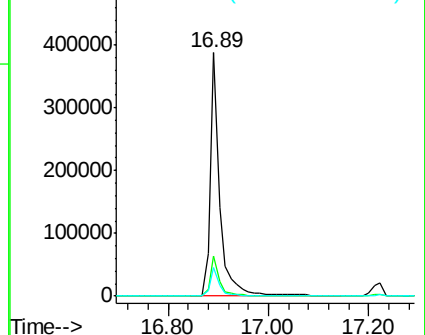
183 11.6 9.8 14.6

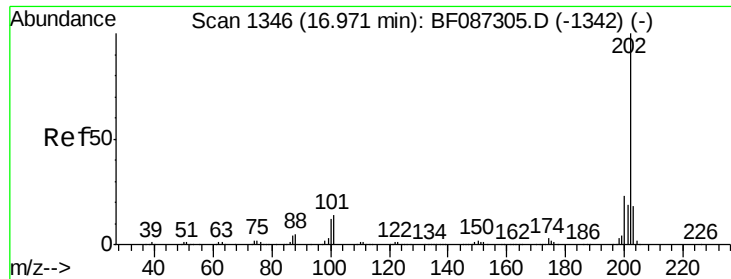


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.88 ng

RT: 16.97 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

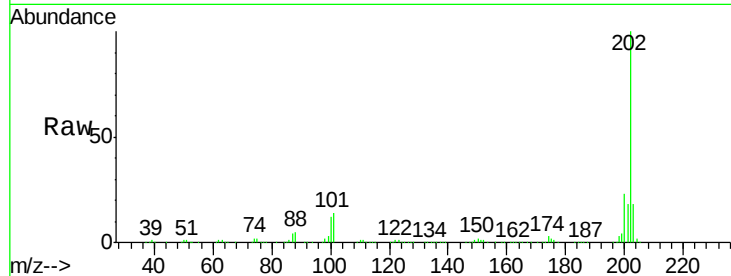
Tgt Ion:202 Resp: 1345496

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

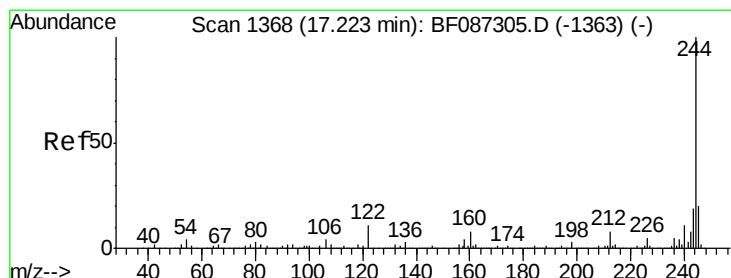
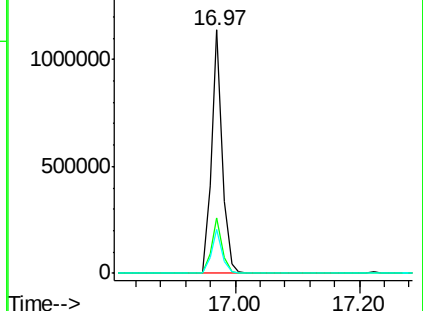
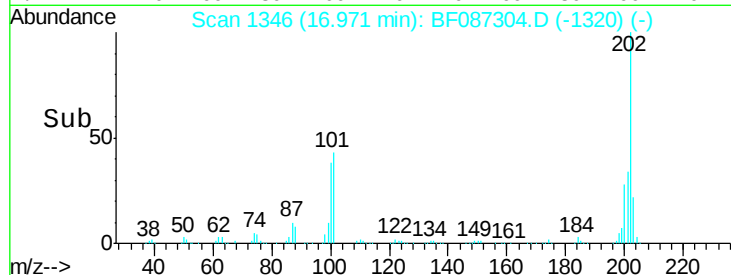
203 18.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.89 ng

RT: 17.22 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

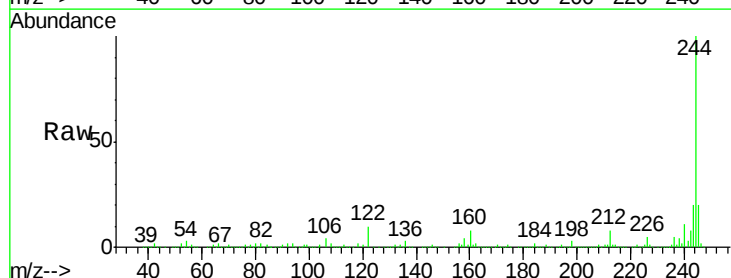
Tgt Ion:244 Resp: 1807556

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

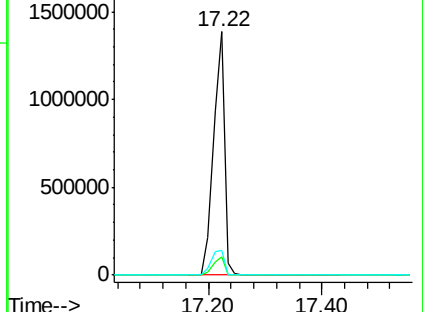
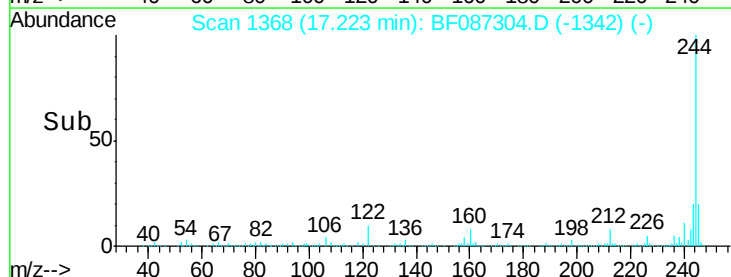
122 10.4 12.0 18.0#

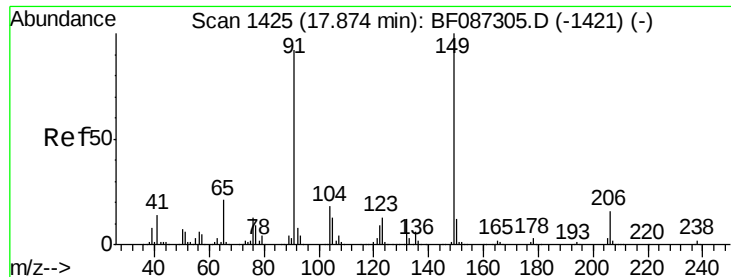


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.29 ng

RT: 17.87 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

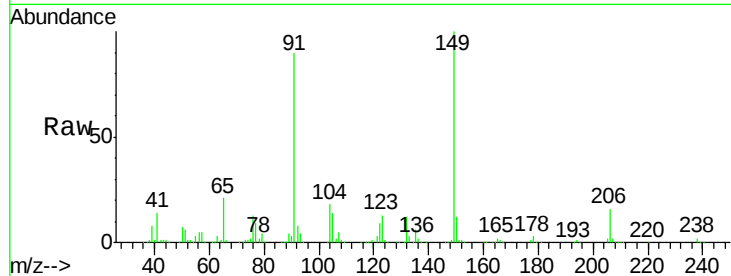
Tgt Ion:149 Resp: 637451

Ion Ratio Lower Upper

149 100

91 90.0 48.0 72.0#

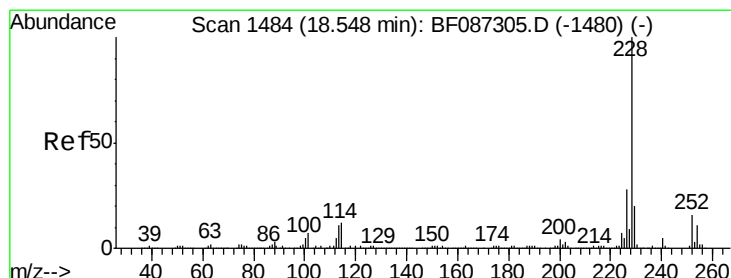
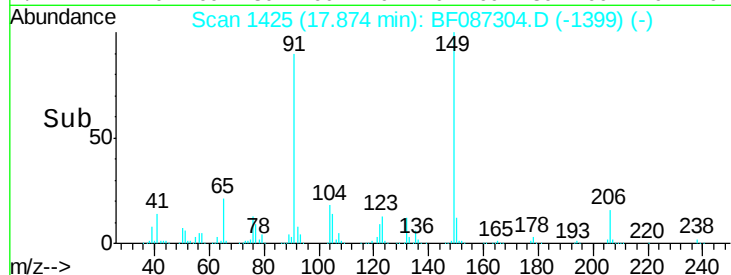
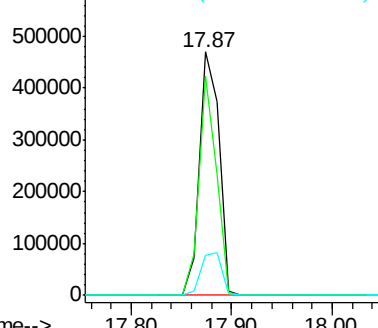
206 16.3 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.22 ng

RT: 18.55 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

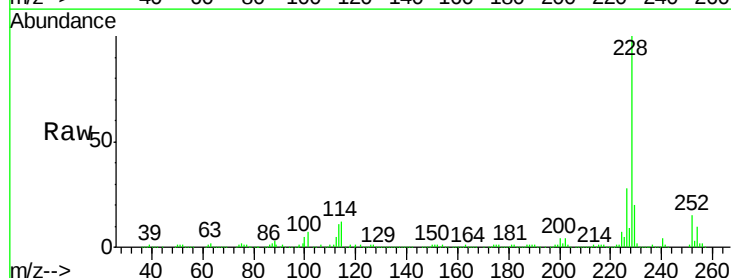
Tgt Ion:228 Resp: 1071733

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

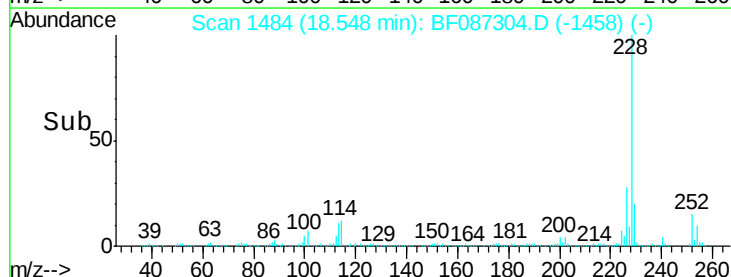
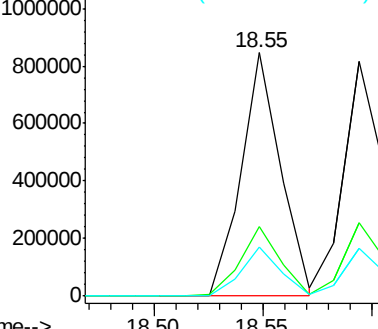
229 20.1 16.6 25.0

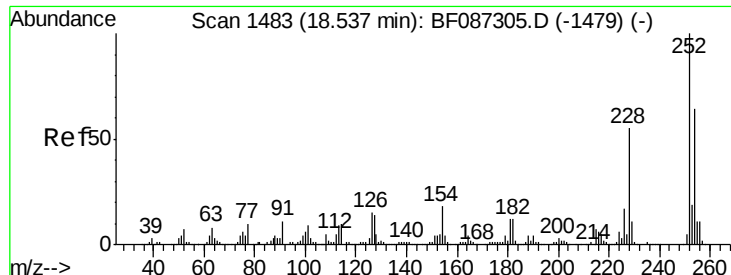


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

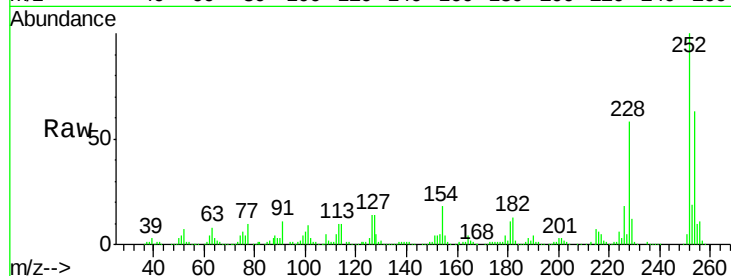




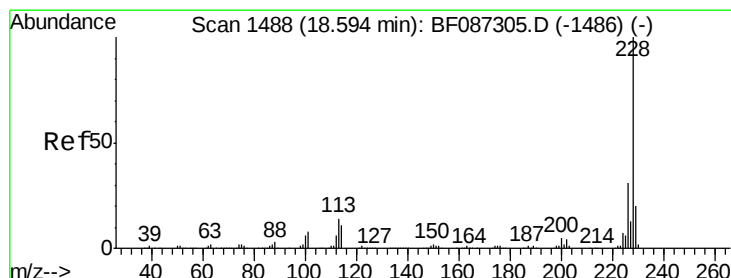
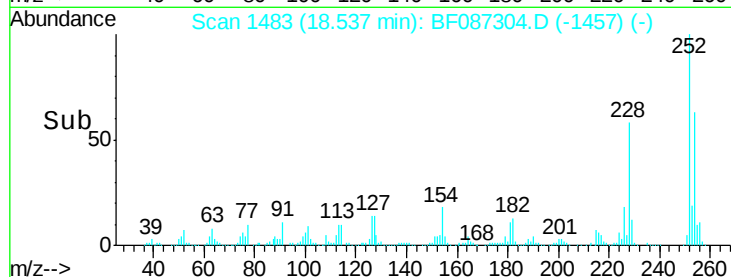
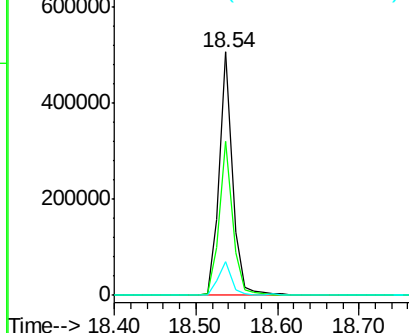
#81
 3,3'-Dichlorobenzidine
 Concen: 40.20 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:252 Resp: 577927
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.7 76.1
 126 14.0 12.7 19.1

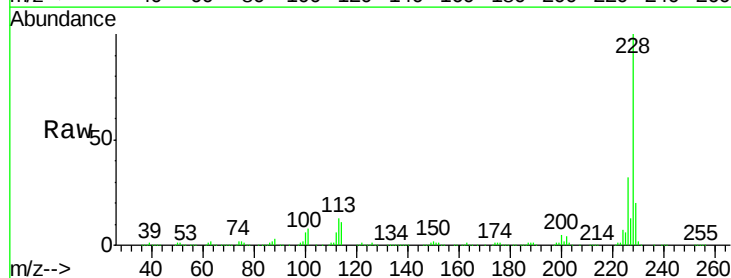


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

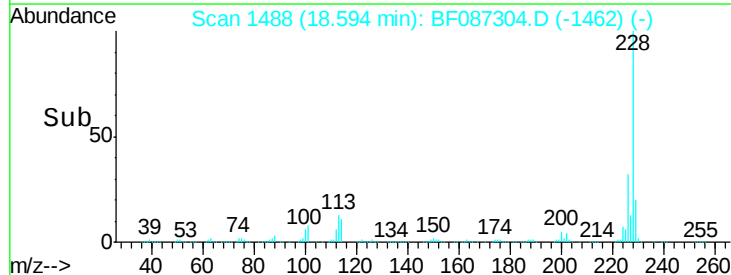
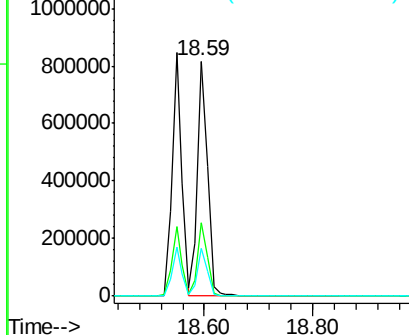


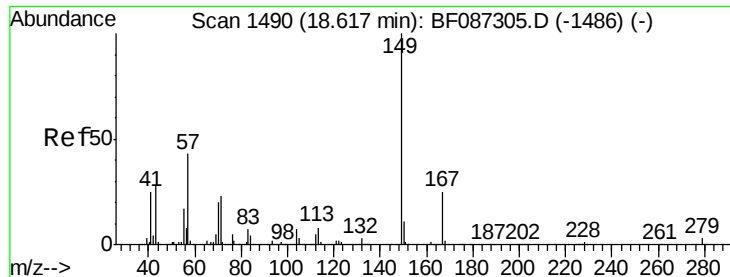
#82
 Chrysene
 Concen: 46.84 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion:228 Resp: 1043962
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.2 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.47 ng

RT: 18.62 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

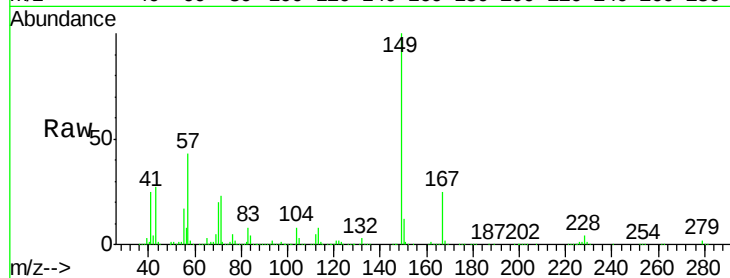
Tgt Ion:149 Resp: 897586

Ion Ratio Lower Upper

149 100

167 25.3 21.8 32.6

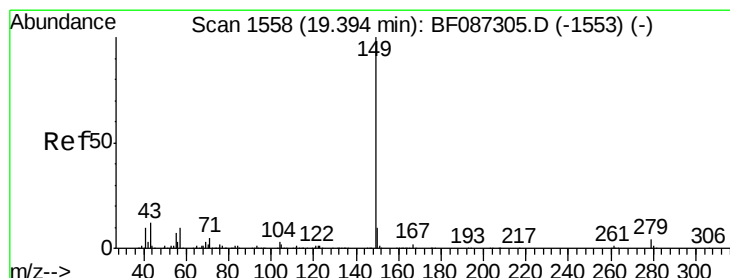
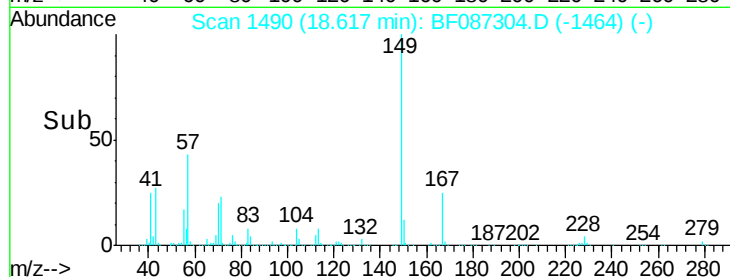
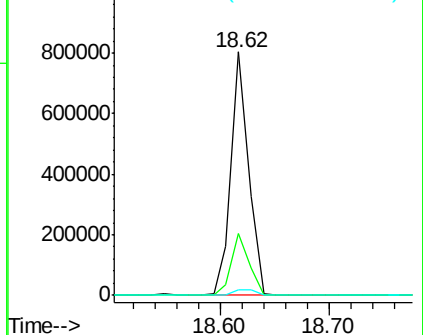
279 2.5 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.53 ng

RT: 19.39 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

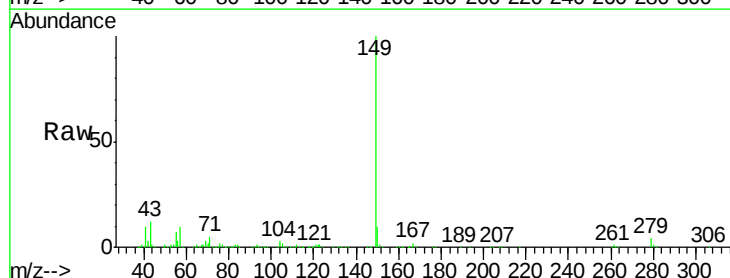
Tgt Ion:149 Resp: 1435384

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

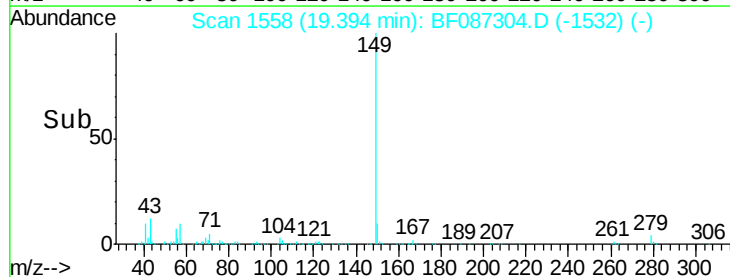
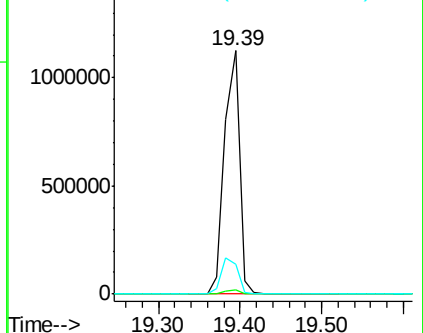
43 16.9 8.2 12.4#

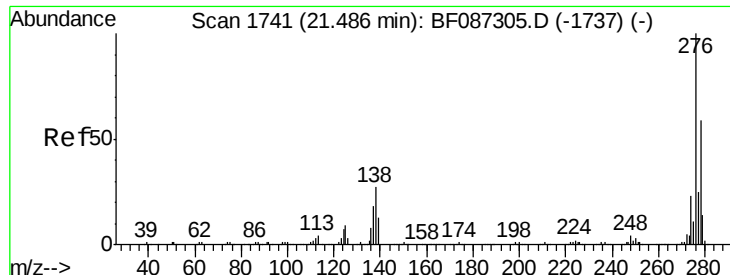


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

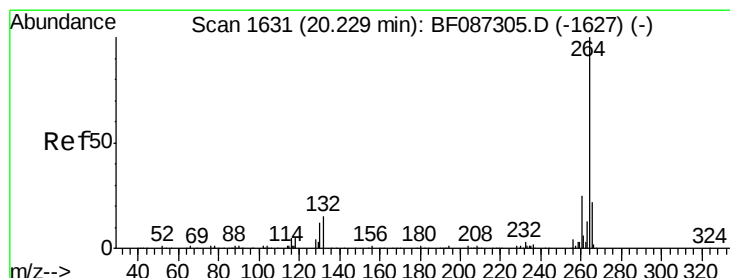
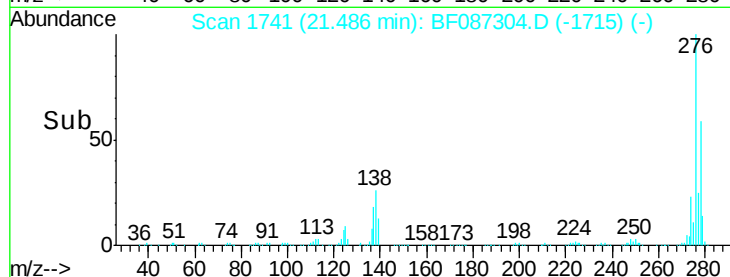
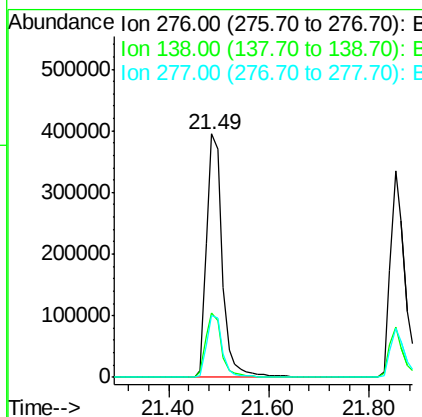
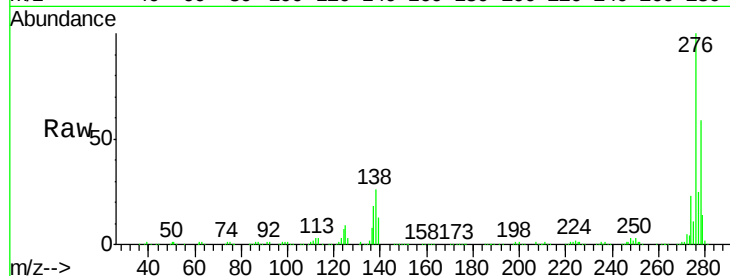




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.67 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

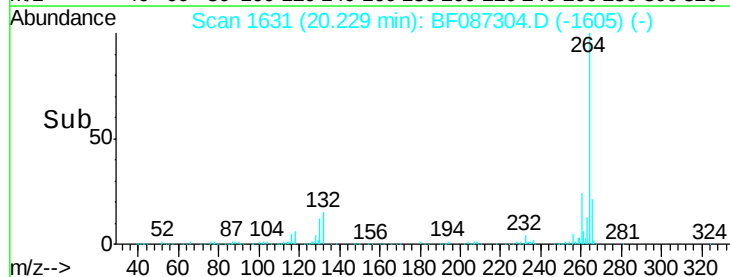
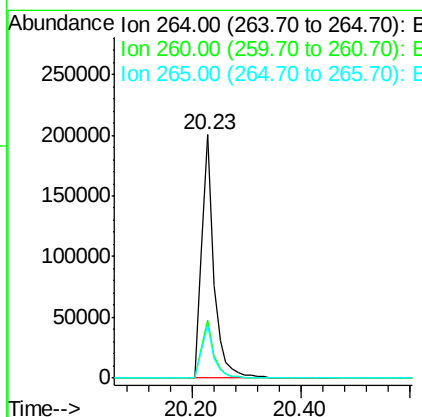
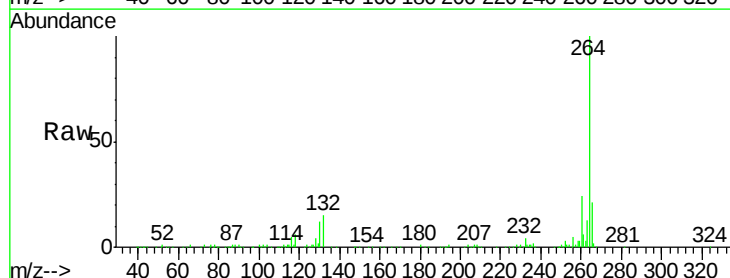
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

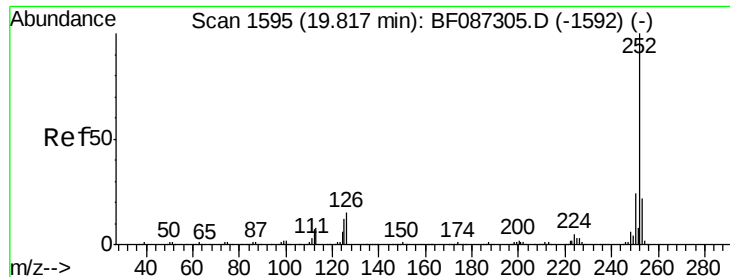
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF087304.D
 Acq: 23 May 2016 17:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 85.44 ng

RT: 19.85 min Scan# 1598

Delta R.T. 0.03 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

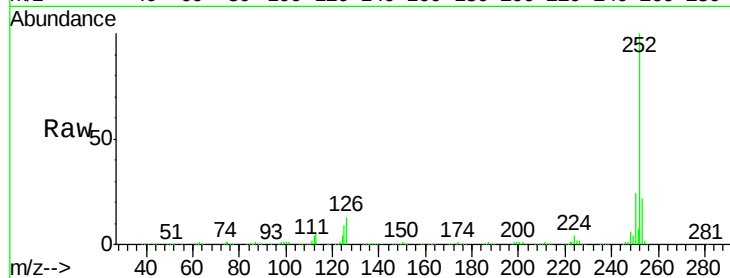
Tgt Ion:252 Resp: 1798078

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

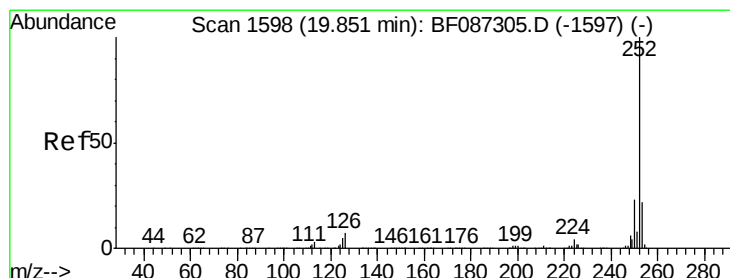
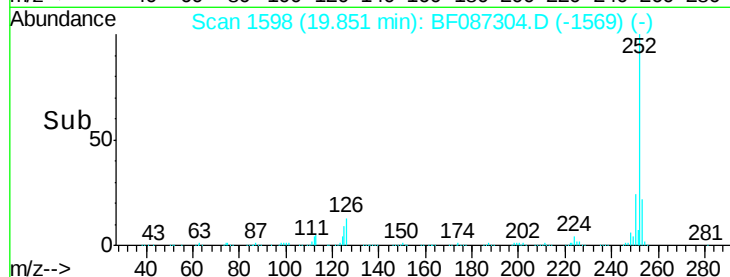
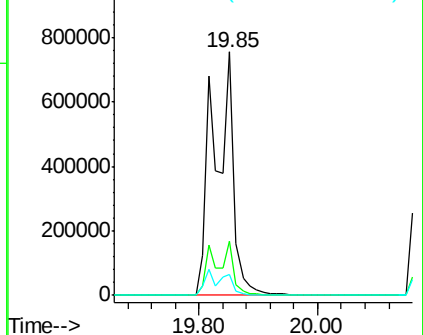
125 8.5 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 122.12 ng

RT: 19.85 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

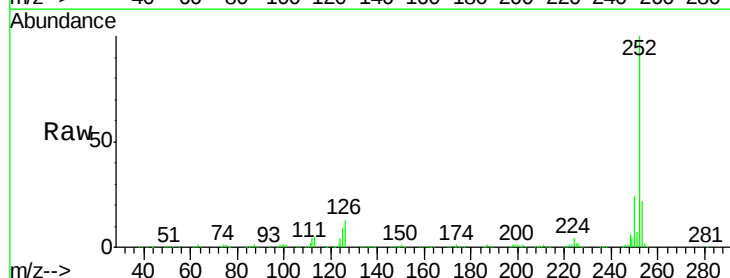
Tgt Ion:252 Resp: 1798078

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

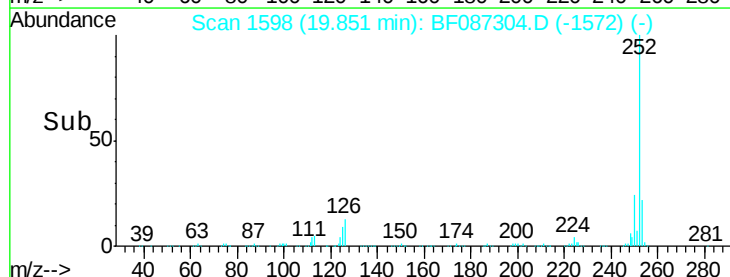
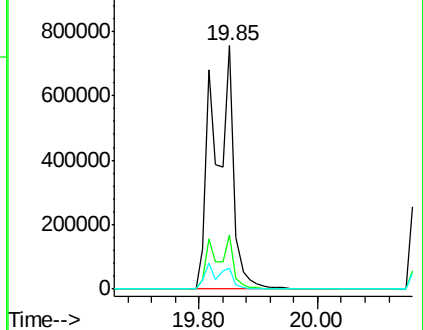
125 8.5 9.1 13.7#

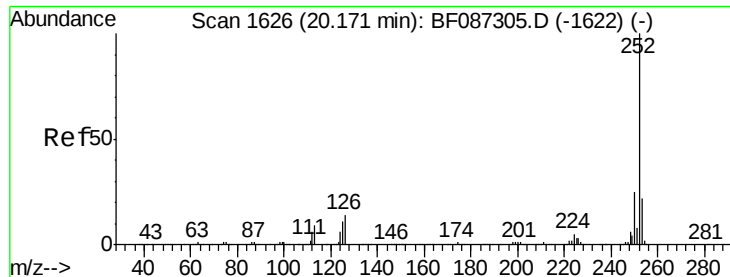


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.37 ng

RT: 20.17 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

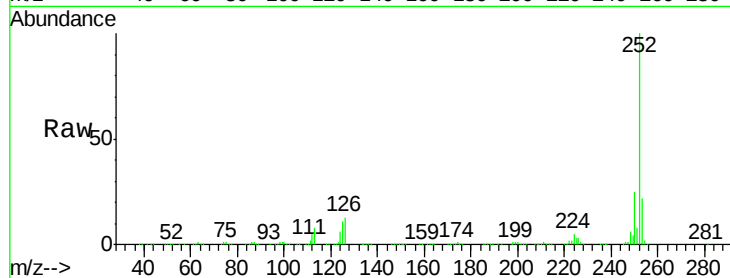
Tgt Ion:252 Resp: 839520

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

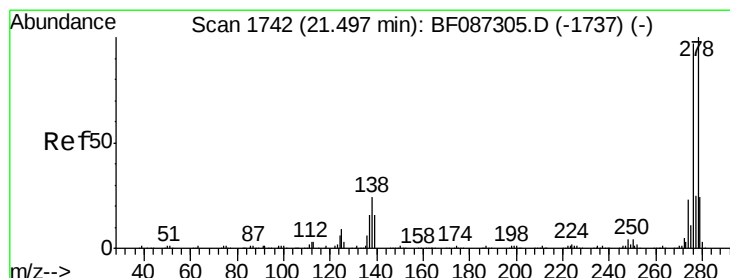
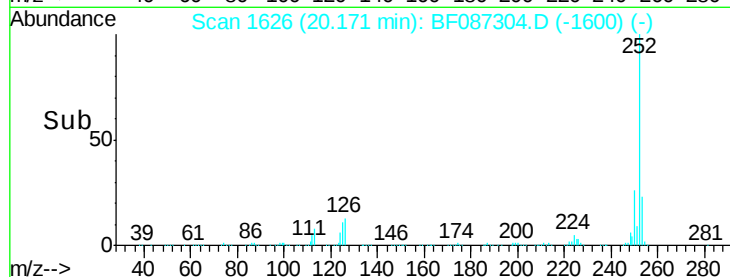
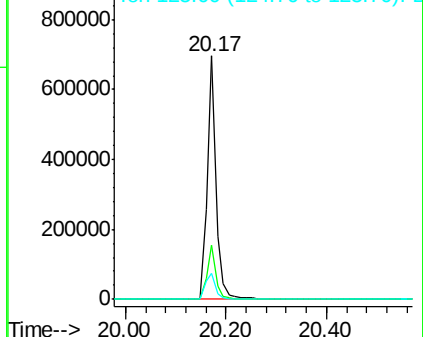
125 10.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.80 ng

RT: 21.50 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF087304.D

Acq: 23 May 2016 17:08

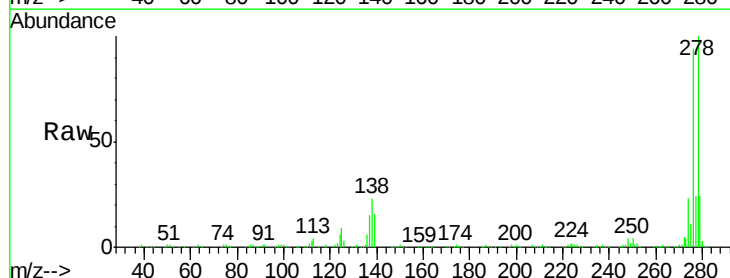
Tgt Ion:278 Resp: 732646

Ion Ratio Lower Upper

278 100

139 16.3 16.6 24.8#

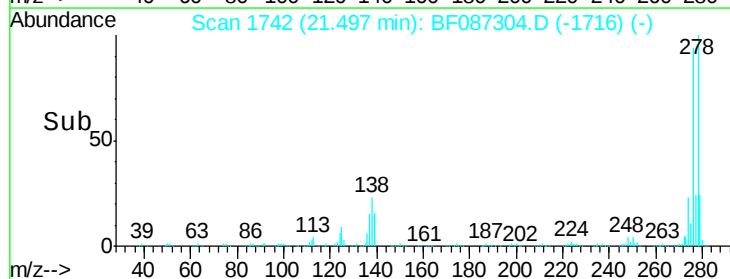
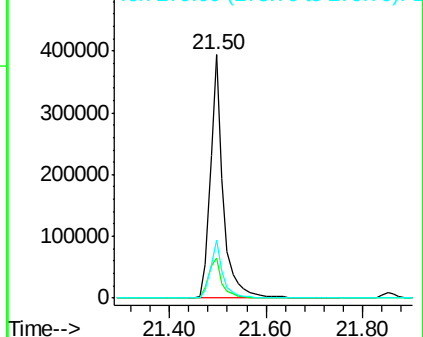
279 23.8 19.6 29.4

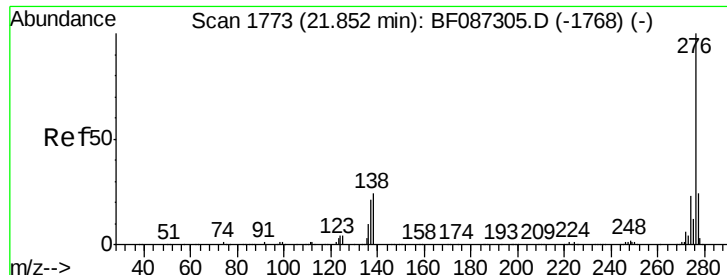


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.18 ng

RT: 21.85 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF087304.D

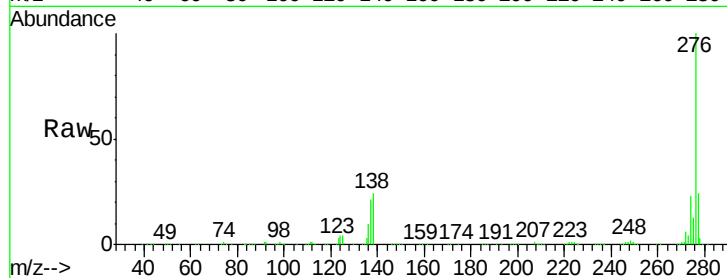
Acq: 23 May 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



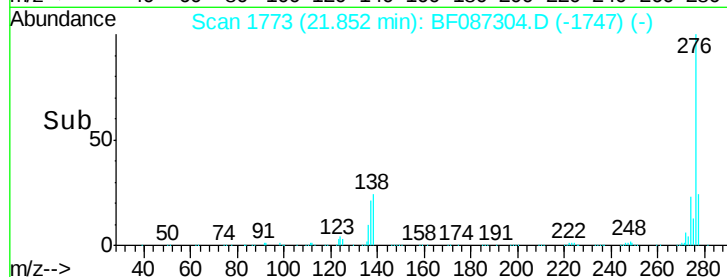
Tgt Ion: 276 Resp: 725990

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 24.2 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

