

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087319.D
 Acq On : 24 May 2016 1:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 24 05:29:44 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 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	192171	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	789390	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	355200	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	664088	20.00	ng	0.00
75) Chrysene-d12	18.56	240	482986	20.00	ng	0.00
86) Perylene-d12	20.23	264	380612	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	924105	84.50	ng	0.00
7) Phenol-d6	7.16	99	1185859	80.25	ng	0.00
23) Nitrobenzene-d5	8.54	82	1265440	80.79	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	279408	81.86	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1940042	77.00	ng	0.00
78) Terphenyl-d14	17.22	244	1891133	83.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	228341	39.57	ng	# 75
3) Pyridine	2.55	79	501054	39.72	ng	# 67
4) n-Nitrosodimethylamine	2.52	42	417253	42.92	ng	# 48
6) Aniline	7.12	93	774197	40.50	ng	94
8) 2-Chlorophenol	7.29	128	544439	39.92	ng	86
9) Benzaldehyde	6.94	77	293028	35.92	ng	98
10) Phenol	7.18	94	569056	35.26	ng	75
11) bis(2-Chloroethyl)ether	7.26	93	525895	40.26	ng	85
12) 1,3-Dichlorobenzene	7.52	146	589963	39.66	ng	96
13) 1,4-Dichlorobenzene	7.64	146	601979	39.42	ng	96
14) 1,2-Dichlorobenzene	7.87	146	550416	38.96	ng	97
15) Benzyl Alcohol	7.91	79	441346	40.96	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1152083	39.20	ng	90
17) 2-Methylphenol	8.12	107	431291	39.46	ng	# 89
18) Hexachloroethane	8.39	117	224751	39.45	ng	100
19) n-Nitroso-di-n-propylamine	8.34	70	434737	39.45	ng	# 72
20) 3+4-Methylphenols	8.38	107	546495	41.36	ng	# 59
22) Acetophenone	8.31	105	754979	40.03	ng	# 98
24) Nitrobenzene	8.57	77	671267	40.60	ng	96
25) Isophorone	8.96	82	1127637	40.14	ng	99
26) 2-Nitrophenol	9.07	139	286680	42.42	ng	# 92
27) 2,4-Dimethylphenol	9.21	122	481824	41.07	ng	90
28) bis(2-Chloroethoxy)methane	9.34	93	623298	39.39	ng	98
29) 2,4-Dichlorophenol	9.47	162	433262	40.98	ng	97
30) 1,2,4-Trichlorobenzene	9.58	180	487312	40.26	ng	97
31) Naphthalene	9.68	128	1523317	38.51	ng	99
32) Benzoic acid	9.55	122	224129	38.42	ng	# 78
33) 4-Chloroaniline	9.82	127	562930	38.64	ng	# 90
34) Hexachlorobutadiene	9.90	225	295616	40.18	ng	98
35) Caprolactam	10.49	113	111113	36.01	ng	# 57
36) 4-Chloro-3-methylphenol	10.68	107	496770	41.56	ng	93
37) 2-Methylnaphthalene	10.81	142	973844	39.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	456152	40.12	ng	99
40) Hexachlorocyclopentadiene	11.05	237	158105	39.25	ng	95

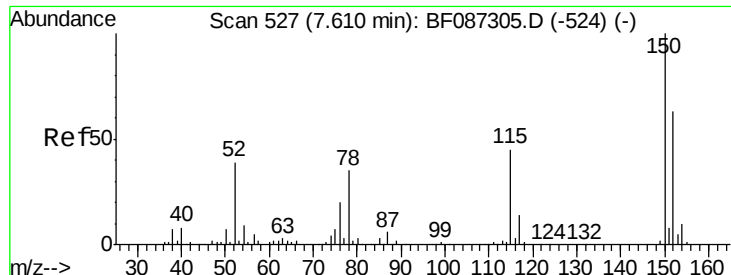
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	274587	41.84	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	273457	40.92	ng #	90
45) 1,1'-Biphenyl	11.58	154	1148431	38.40	ng	96
46) 2-Chloronaphthalene	11.60	162	904416	39.53	ng	97
47) 2-Nitroaniline	11.80	65	344553	41.80	ng #	77
48) Acenaphthylene	12.25	152	1428039	39.42	ng	99
49) Dimethylphthalate	12.14	163	1140205	40.07	ng	99
50) 2,6-Dinitrotoluene	12.23	165	231499	40.38	ng #	88
51) Acenaphthene	12.54	154	858820	38.58	ng	98
52) 3-Nitroaniline	12.49	138	231891	39.41	ng #	78
53) 2,4-Dinitrophenol	12.70	184	108234	40.41	ng	86
54) Dibenzofuran	12.82	168	1169848	38.81	ng	96
55) 4-Nitrophenol	12.87	139	119216	42.47	ng #	55
56) 2,4-Dinitrotoluene	12.88	165	317830	41.48	ng #	88
57) Fluorene	13.37	166	1033641	39.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	221609	43.10	ng	99
59) Diethylphthalate	13.28	149	1074148	38.83	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	512132	40.18	ng	88
61) 4-Nitroaniline	13.51	138	229790	41.84	ng #	74
62) Azobenzene	13.66	77	1173949	40.91	ng	87
64) 4,6-Dinitro-2-methylphenol	13.55	198	180374	42.72	ng #	75
65) n-Nitrosodiphenylamine	13.62	169	862979	40.18	ng	100
66) 4-Bromophenyl-phenylether	14.18	248	288192	39.67	ng	95
67) Hexachlorobenzene	14.26	284	302134	39.76	ng #	83
68) Atrazine	14.54	200	276286	40.36	ng	94
69) Pentachlorophenol	14.62	266	86302	39.90	ng	96
70) Phenanthrene	14.93	178	1433634	38.97	ng	100
71) Anthracene	15.01	178	1452790	39.10	ng	99
72) Carbazole	15.29	167	1273205	40.17	ng	99
73) Di-n-butylphthalate	15.86	149	1669904	40.74	ng	99
74) Fluoranthene	16.66	202	1435668	38.92	ng	98
76) Benzidine	16.89	184	491481	39.55	ng	99
77) Pyrene	16.97	202	1418539	40.80	ng	100
79) Butylbenzylphthalate	17.87	149	634590	41.16	ng #	69
80) Benzo(a)anthracene	18.55	228	1068257	38.88	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	604915	39.86	ng	98
82) Chrysene	18.59	228	1061061	38.92	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	926513	41.18	ng #	96
84) Di-n-octyl phthalate	19.39	149	1457778	42.49	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	892044	40.81	ng	95
87) Benzo(b)fluoranthene	19.82	252	1810422	74.67	ng	97
88) Benzo(k)fluoranthene	19.82	252	1811394	86.80	ng	99
89) Benzo(a)pyrene	20.17	252	841752	40.14	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	748813	41.87	ng #	95
91) Benzo(g,h,i)perylene	21.85	276	748721	42.43	ng	94

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

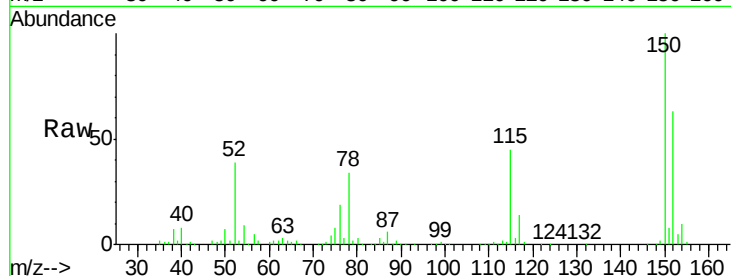


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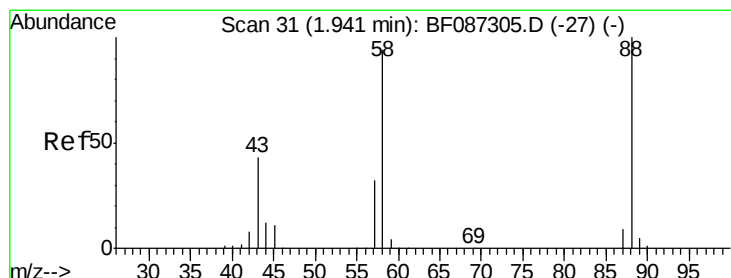
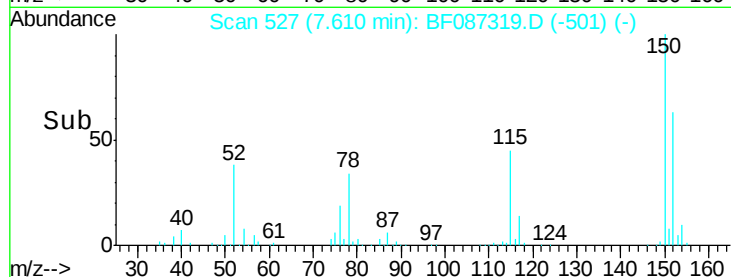
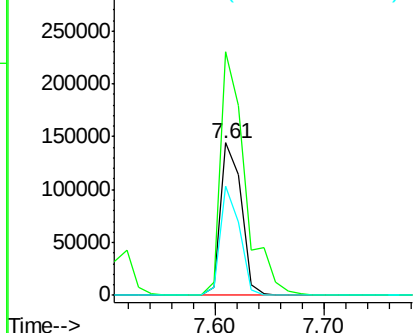
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 152 Resp: 192171
Ion Ratio Lower Upper
152 100
150 159.5 125.8 188.6
115 71.4 51.5 77.3



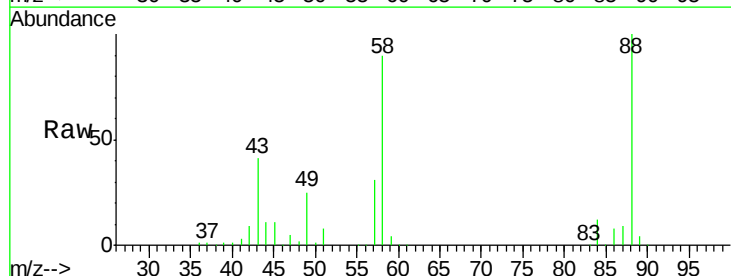
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



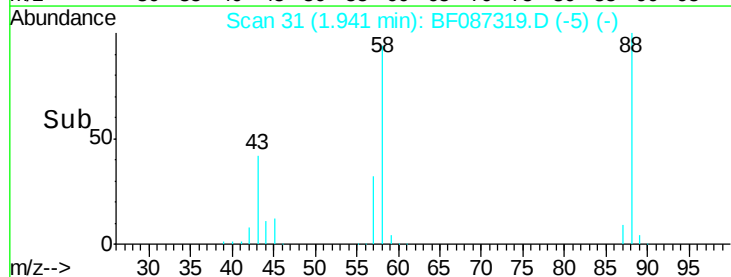
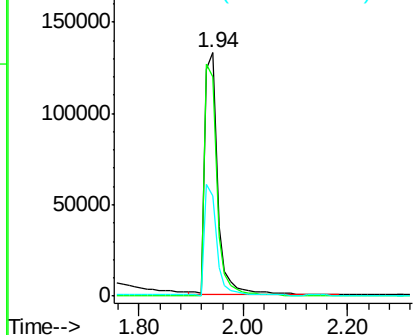
#2

1,4-Dioxane
Concen: 39.57 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 88 Resp: 228341
Ion Ratio Lower Upper
88 100
58 93.7 59.6 89.4#
43 42.9 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: 39.72 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

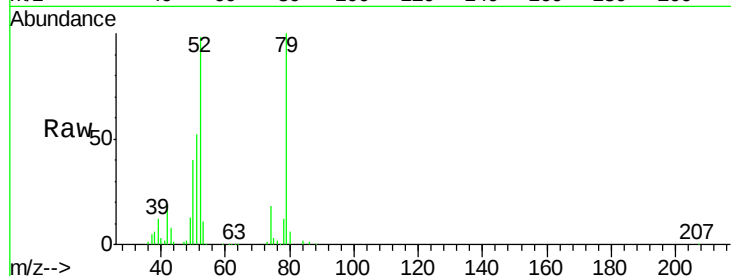
Tgt Ion: 79 Resp: 501054

Ion Ratio Lower Upper

79 100

52 97.9 55.9 83.9#

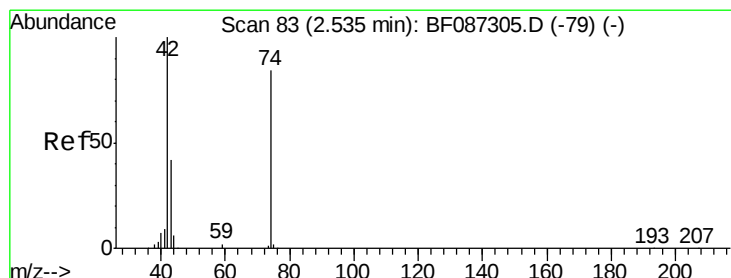
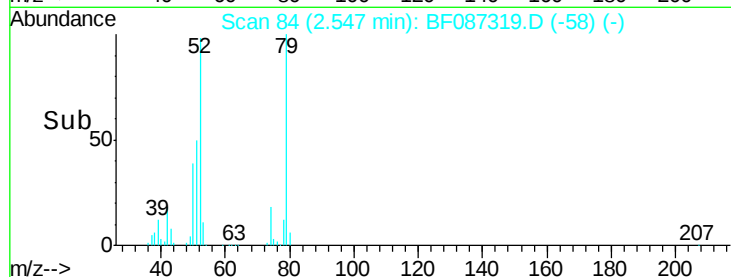
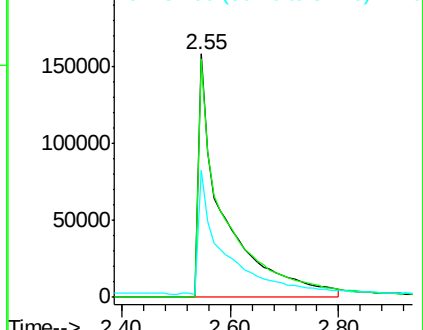
51 52.2 28.1 42.1#



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: 42.92 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

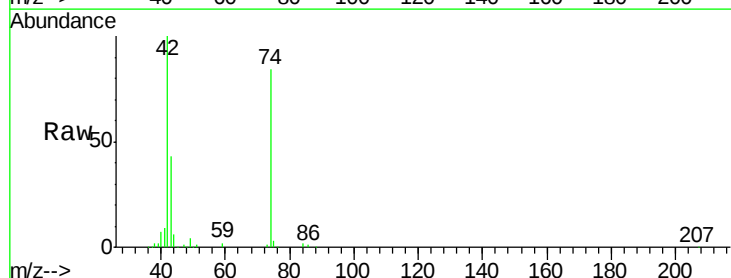
Tgt Ion: 42 Resp: 417253

Ion Ratio Lower Upper

42 100

74 84.1 123.4 185.0#

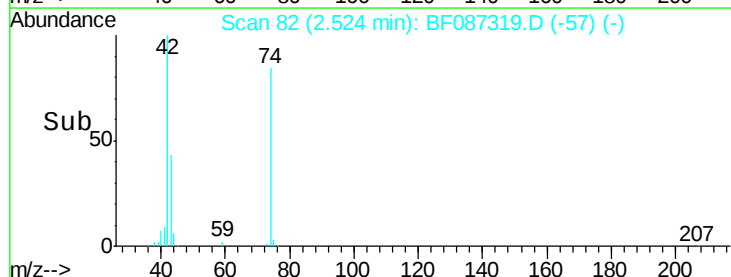
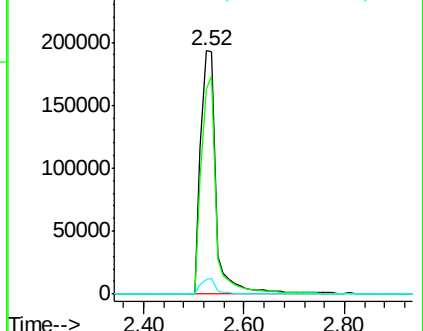
44 6.1 5.8 8.6

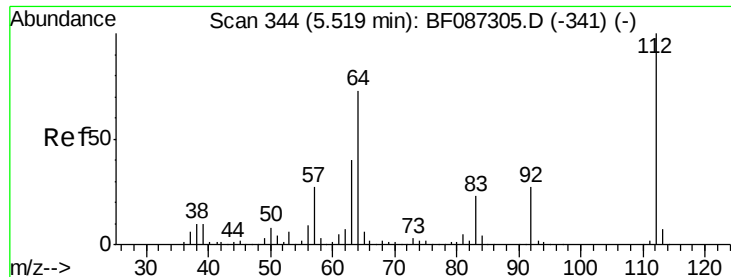


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.50 ng

RT: 5.52 min Scan# 344

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

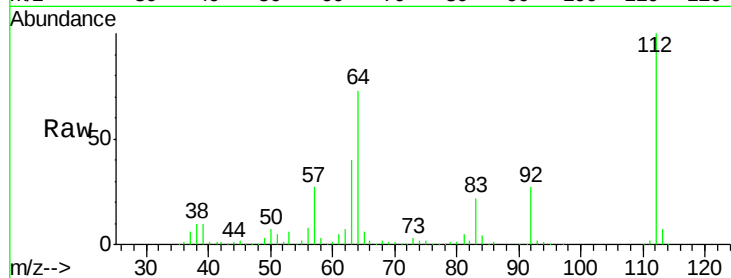
Tgt Ion: 112 Resp: 924105

Ion Ratio Lower Upper

112 100

64 72.7 52.1 78.1

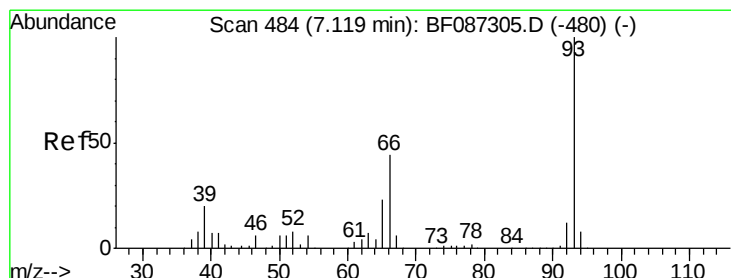
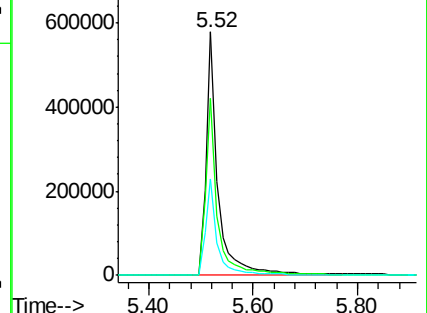
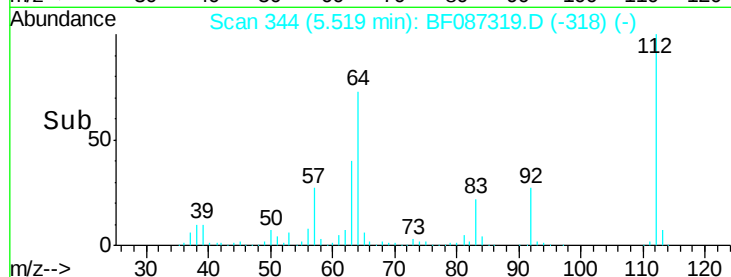
63 39.6 25.7 38.5#



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: 40.50 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

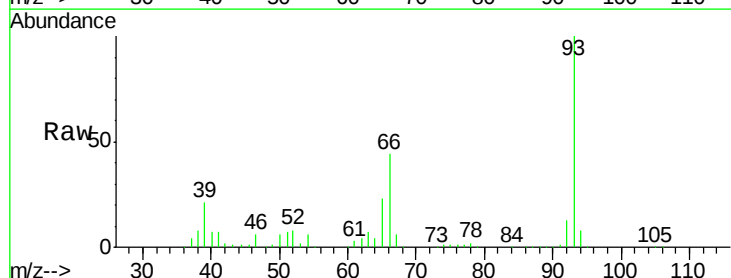
Tgt Ion: 93 Resp: 774197

Ion Ratio Lower Upper

93 100

66 44.4 39.0 58.6

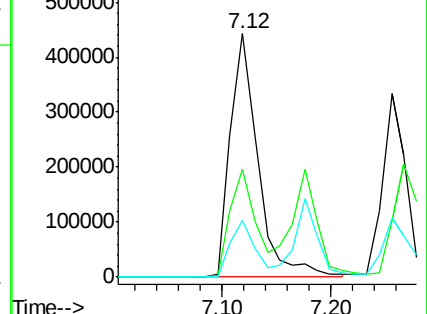
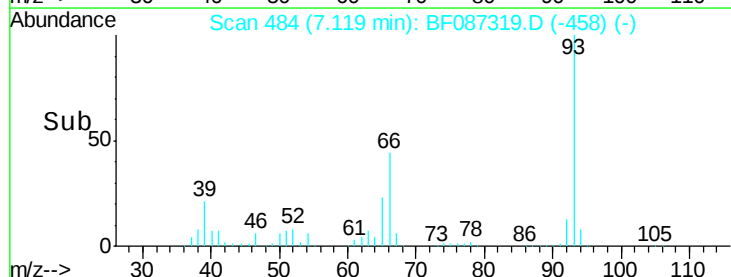
65 23.2 20.6 31.0



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: 80.25 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

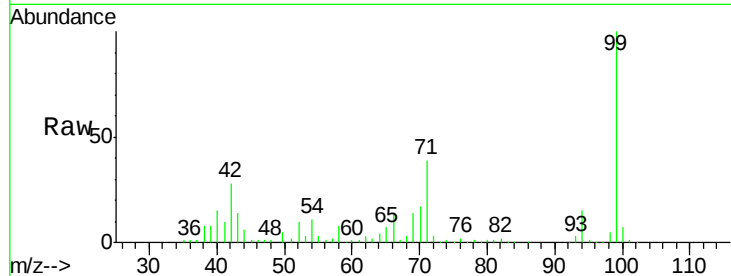
Tgt Ion: 99 Resp: 1185859

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

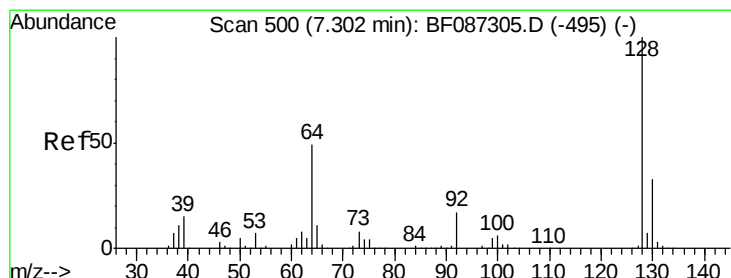
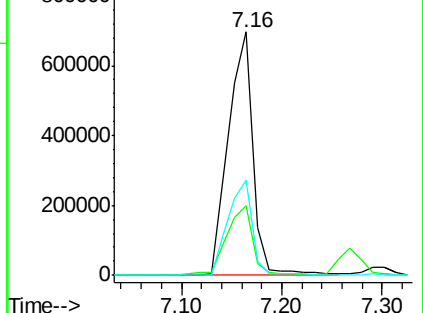
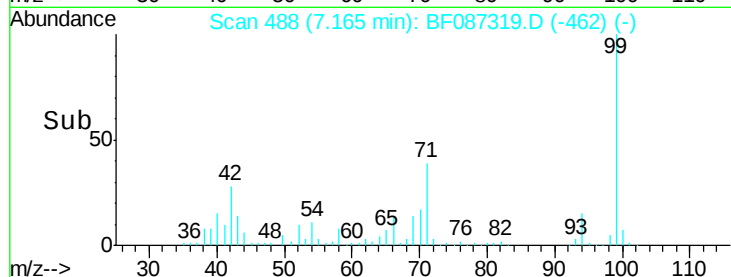
71 39.2 24.6 36.8#



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: 39.92 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

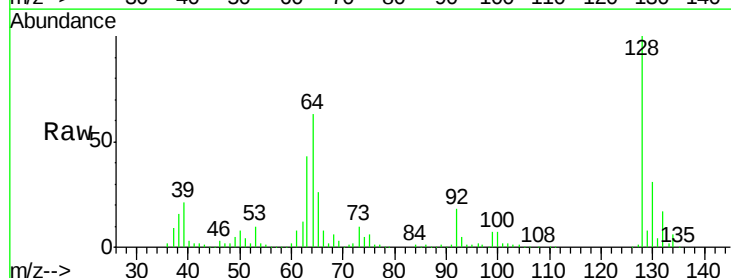
Tgt Ion: 128 Resp: 544439

Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

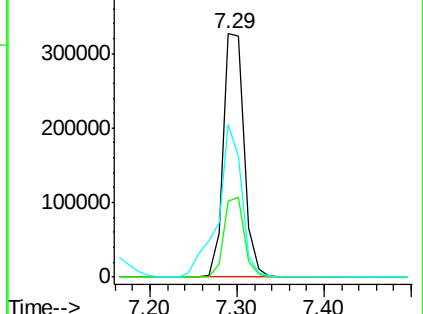
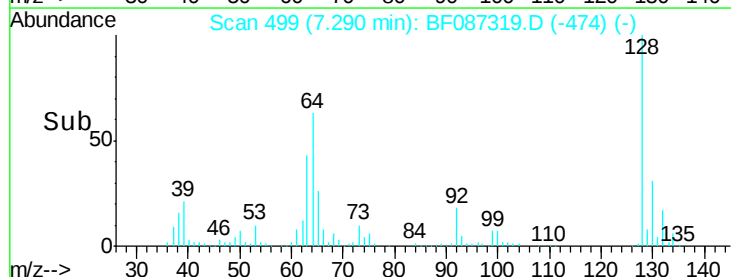
64 62.7 27.3 67.3

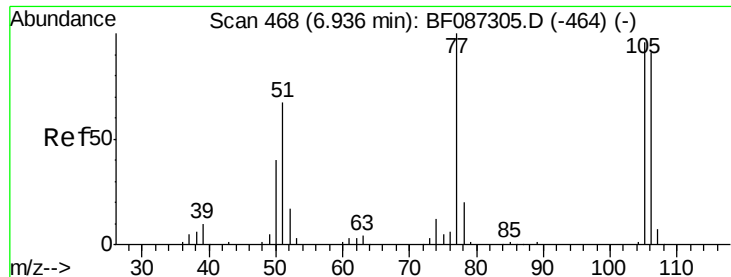


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

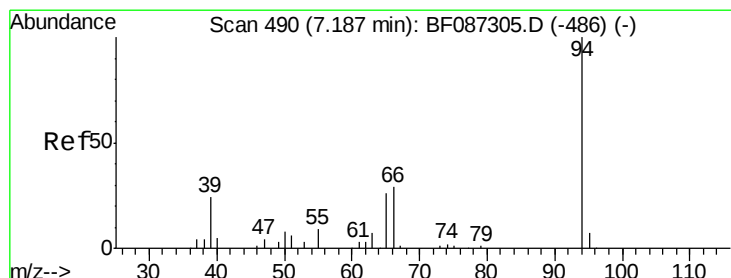
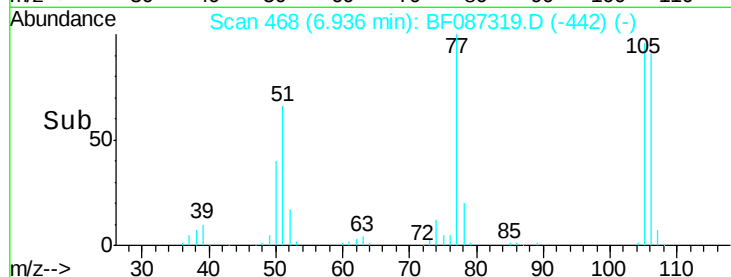
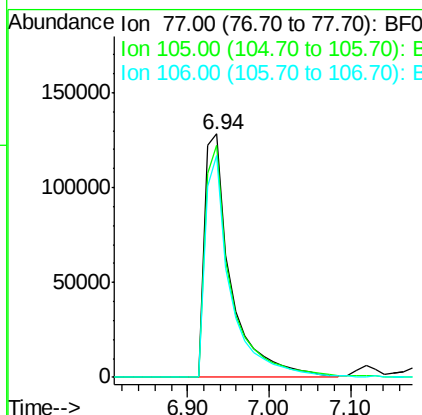
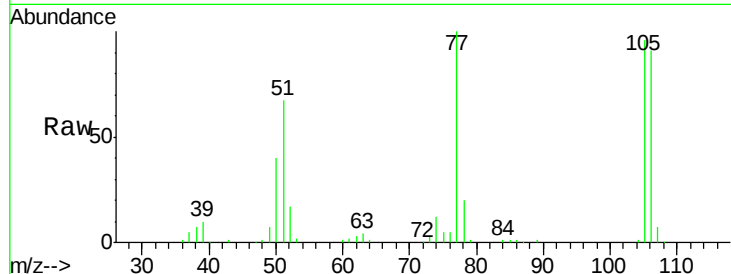




#9
Benzaldehyde
Concen: 35.92 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

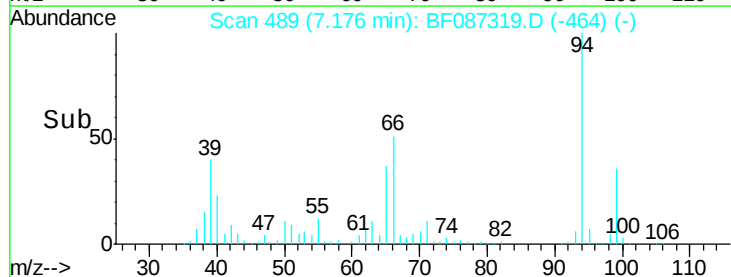
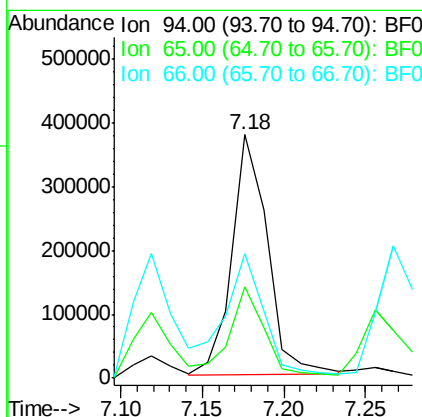
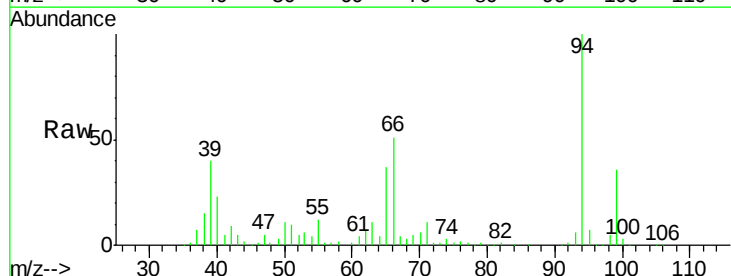
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 293028
Ion Ratio Lower Upper
77 100
105 95.6 72.7 112.7
106 91.1 70.8 110.8



#10
Phenol
Concen: 35.26 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 94 Resp: 569056
Ion Ratio Lower Upper
94 100
65 37.4 7.2 47.2
66 51.3 14.9 54.9

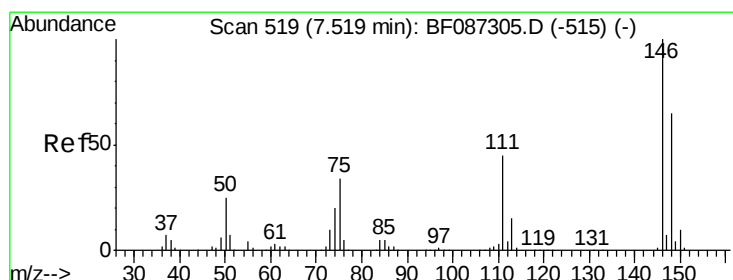
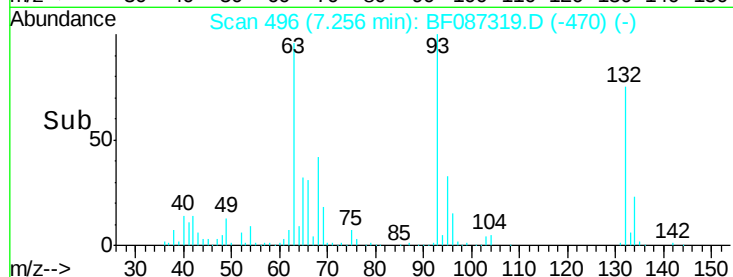
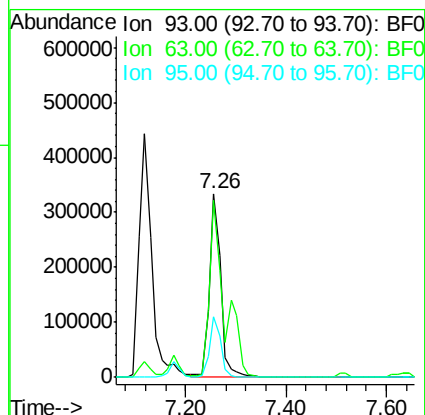
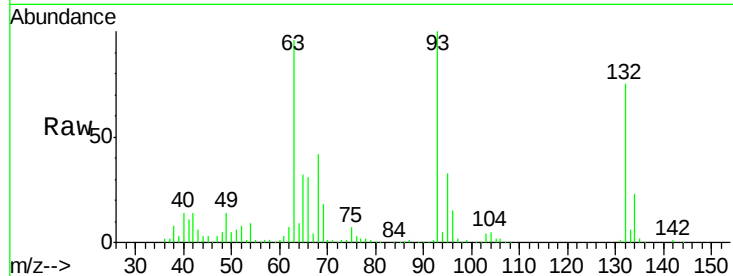




#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

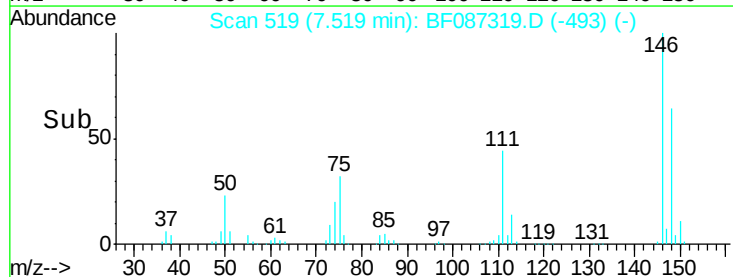
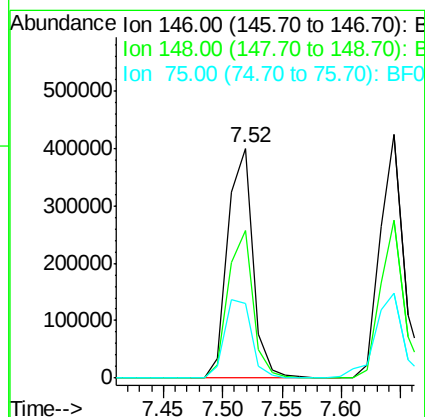
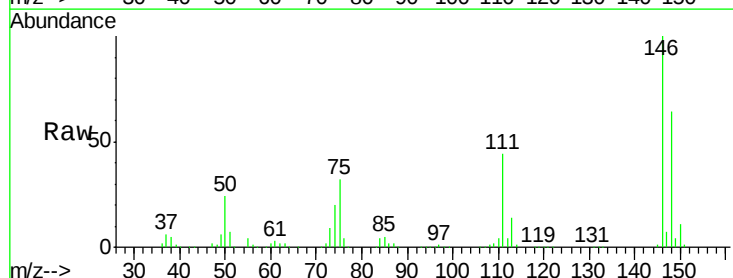
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

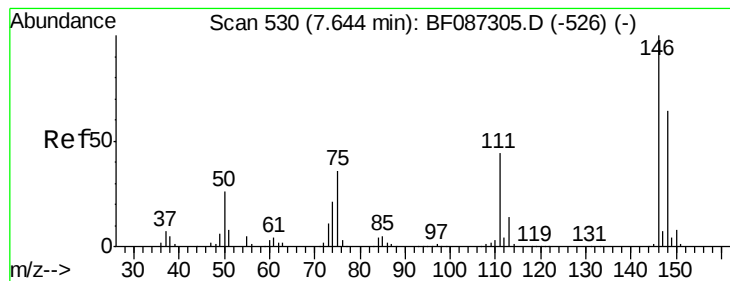
Tgt Ion: 93 Resp: 525895
Ion Ratio Lower Upper
93 100
63 96.2 58.0 98.0
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 146 Resp: 589963
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
75 32.4 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 39.42 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

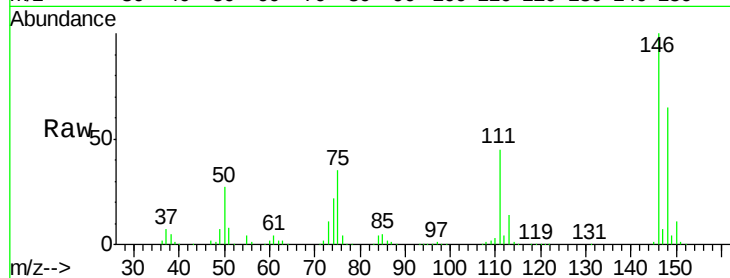
Tgt Ion:146 Resp: 601979

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

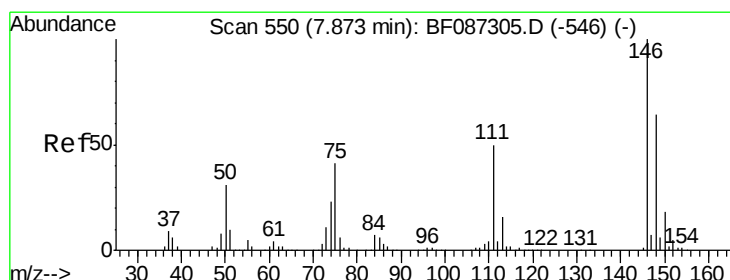
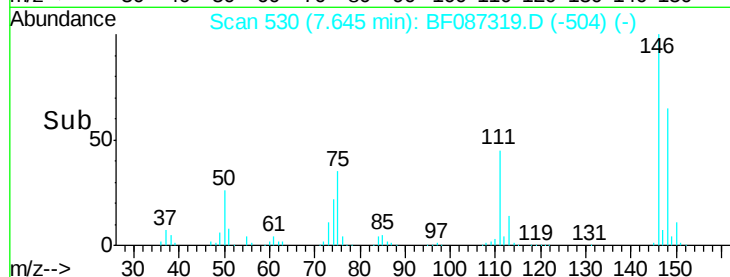
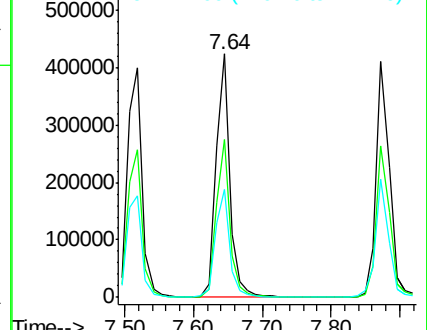
111 44.6 30.7 46.1



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: 38.96 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

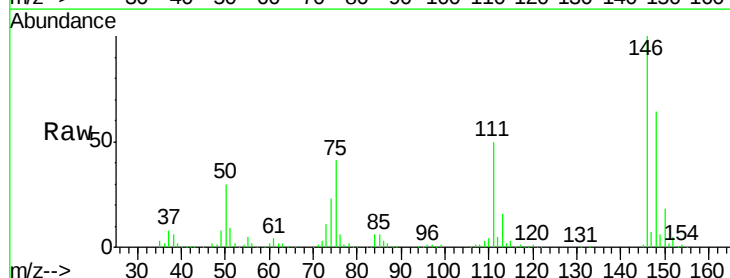
Tgt Ion:146 Resp: 550416

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

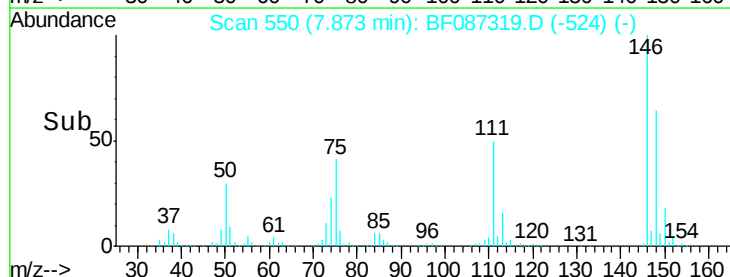
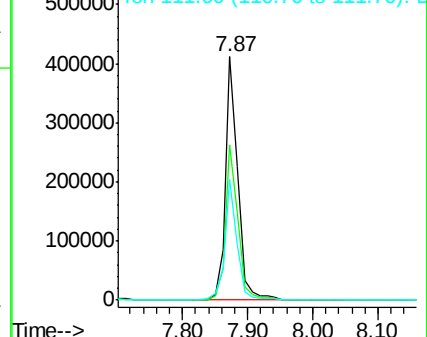
111 49.8 36.2 54.4

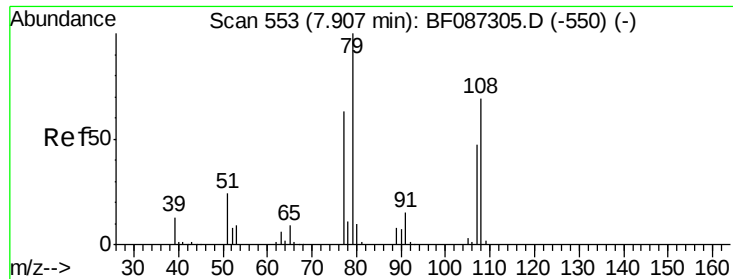


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.96 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

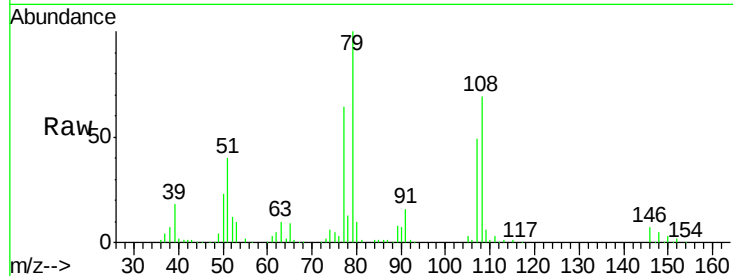
Tgt Ion: 79 Resp: 441346

Ion Ratio Lower Upper

79 100

108 68.7 68.4 102.6

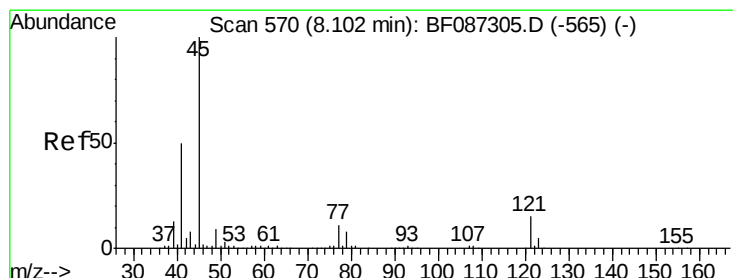
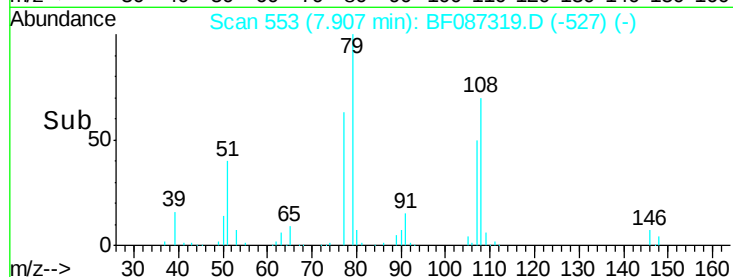
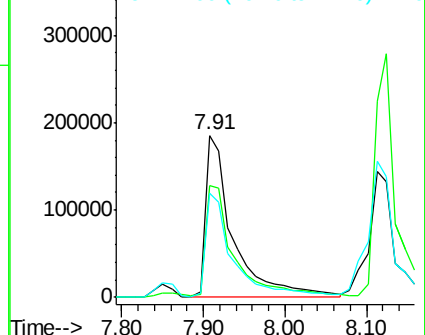
77 64.4 50.6 76.0



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: 39.20 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

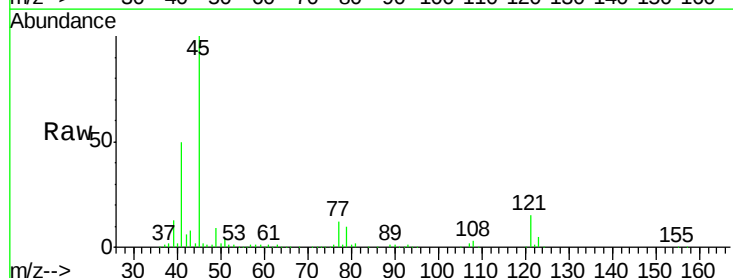
Tgt Ion: 45 Resp: 1152083

Ion Ratio Lower Upper

45 100

77 12.1 0.0 36.4

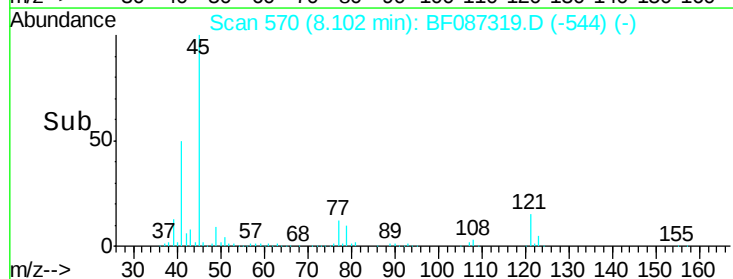
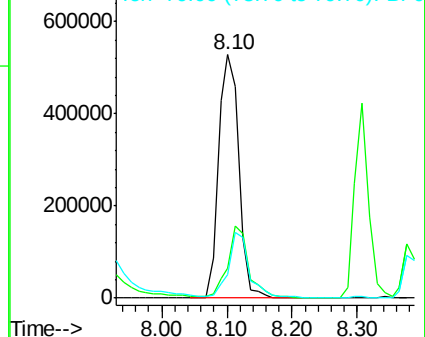
79 9.6 0.0 33.4

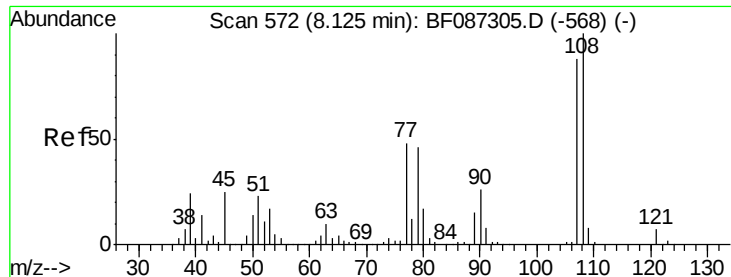


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

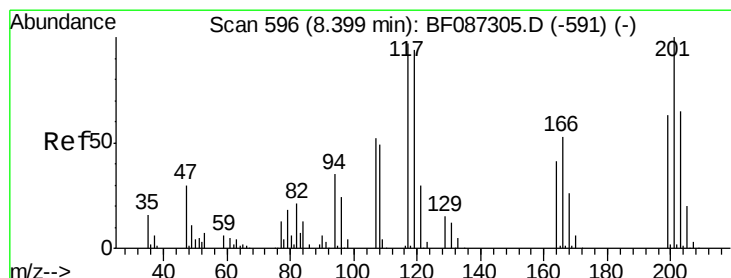
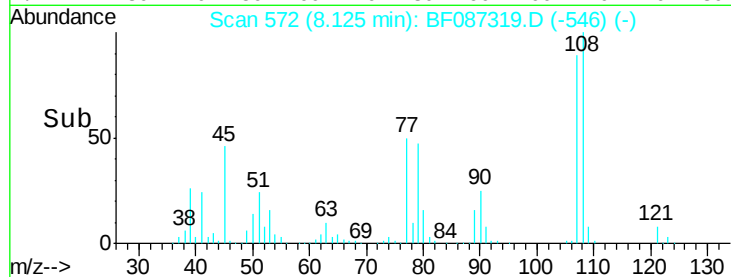
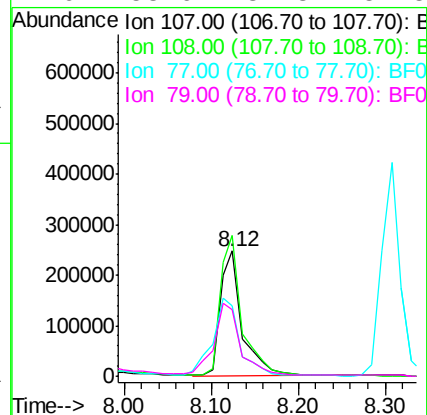
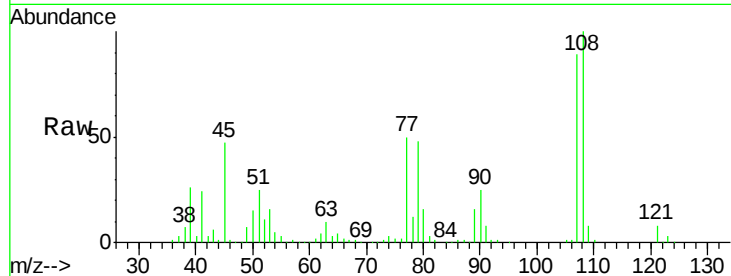




#17
2-Methylphenol
Concen: 39.46 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

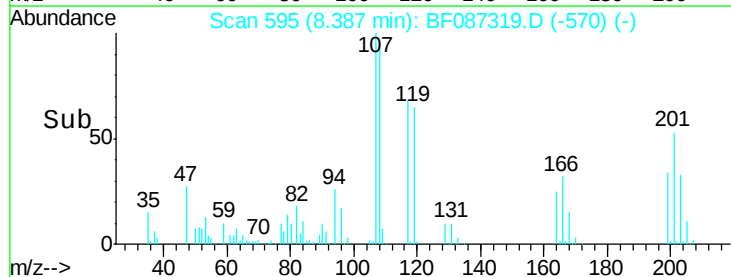
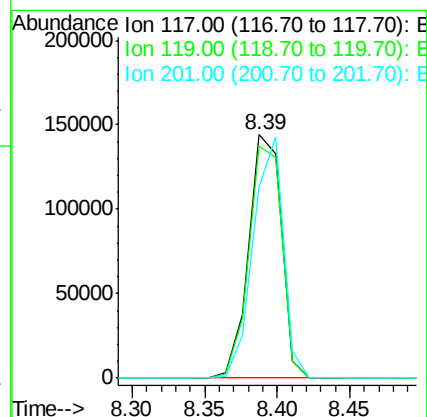
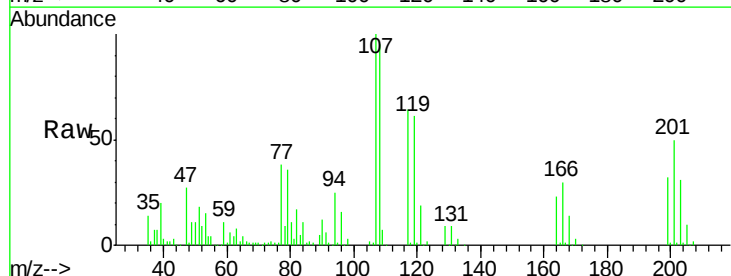
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

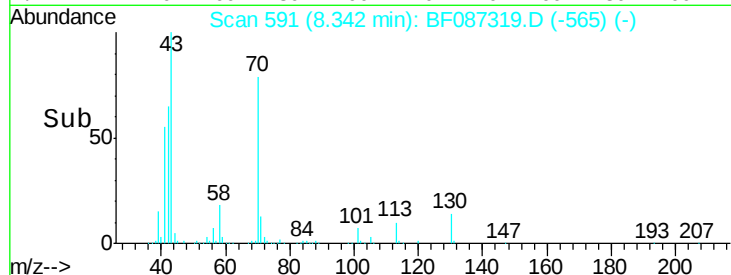
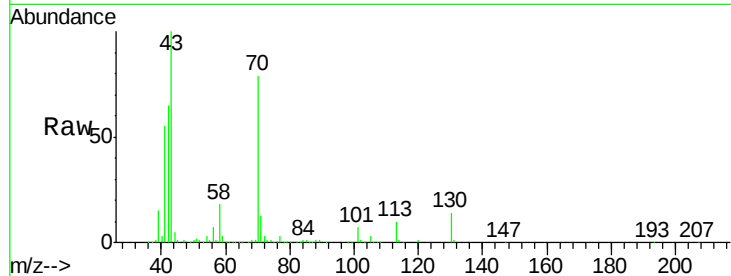
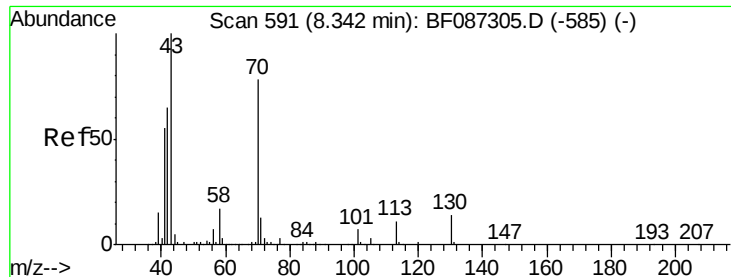
Tgt Ion:107 Resp: 431291
Ion Ratio Lower Upper
107 100
108 112.6 93.7 140.5
77 56.0 33.4 50.0#
79 53.6 34.3 51.5#



#18
Hexachloroethane
Concen: 39.45 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:117 Resp: 224751
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 78.5 63.0 94.6

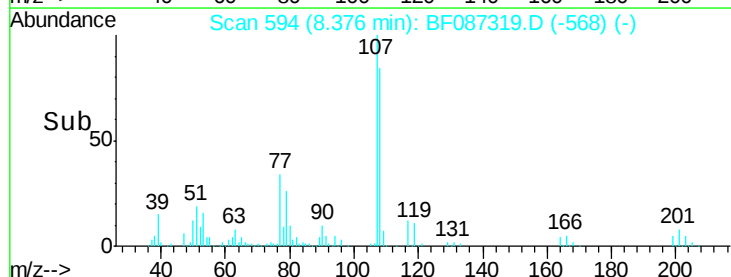
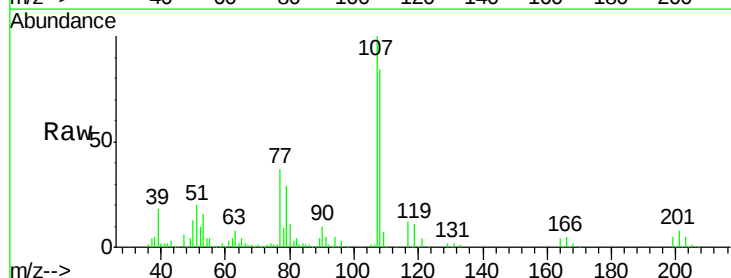
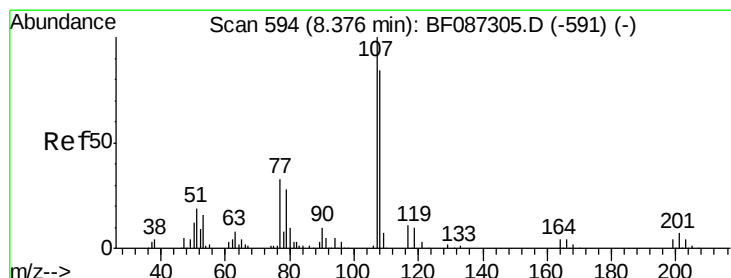
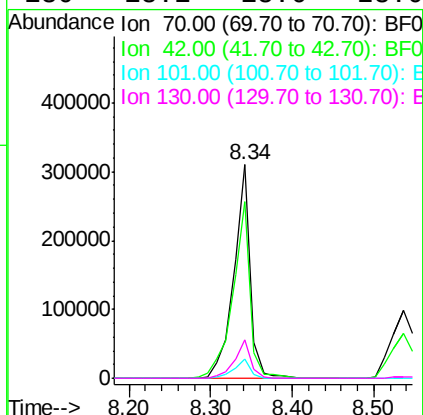




#19
n-Nitroso-di-n-propylamine
Concen: 39.45 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

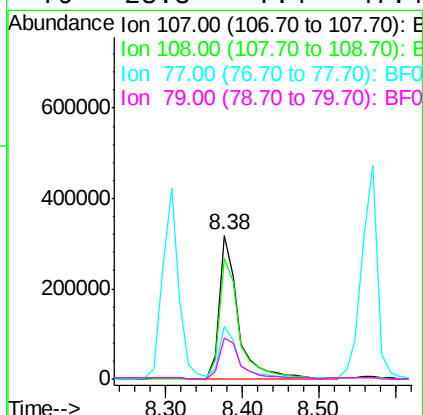
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

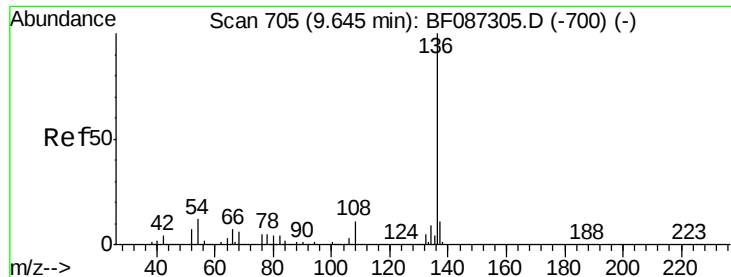
Tgt Ion: 70 Resp: 434737
Ion Ratio Lower Upper
70 100
42 82.5 43.1 64.7#
101 8.9 8.1 12.1
130 18.1 18.6 28.0#



#20
3+4-Methylphenols
Concen: 41.36 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 107 Resp: 546495
Ion Ratio Lower Upper
107 100
108 83.9 68.5 108.5
77 36.6 101.6 141.6#
79 28.8 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: BF087319.D

Acq: 24 May 2016 1:40

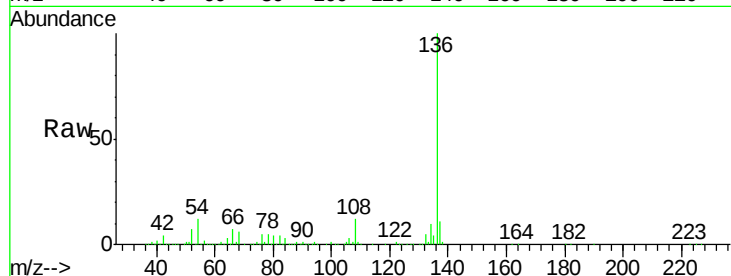
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	136	Resp:	789390
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	12.2	5.0	7.4#
68	6.1	4.4	6.6

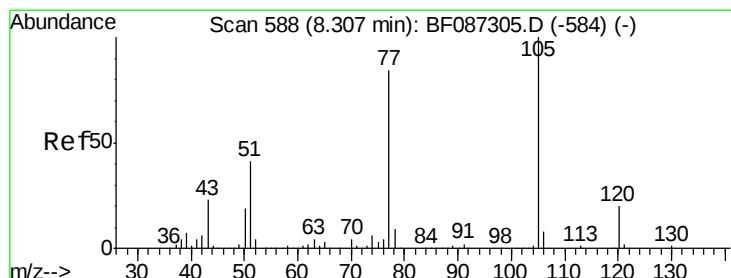
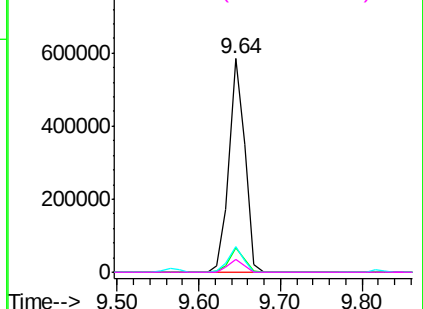
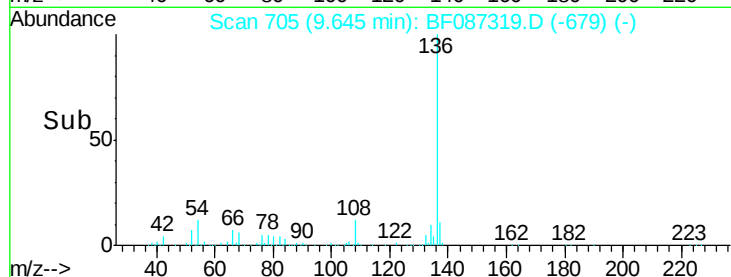


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.03 ng

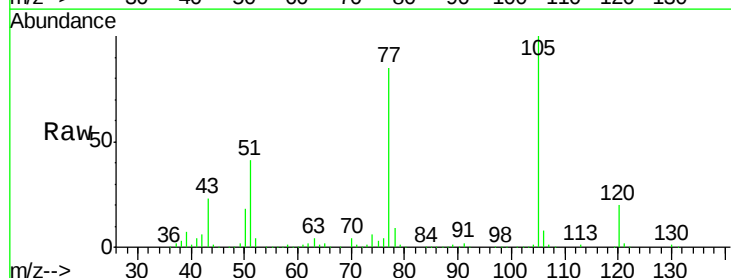
RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	105	Resp:	754979
Ion Ratio	Lower	Upper	
105	100		
71	0.8	4.8	7.2#
51	41.4	32.6	49.0
120	20.3	16.5	24.7

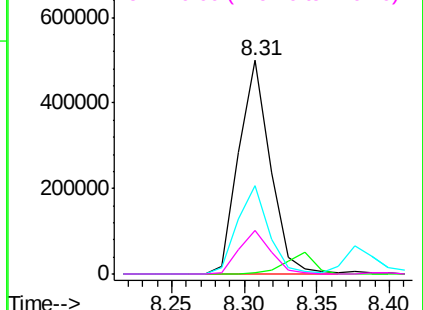
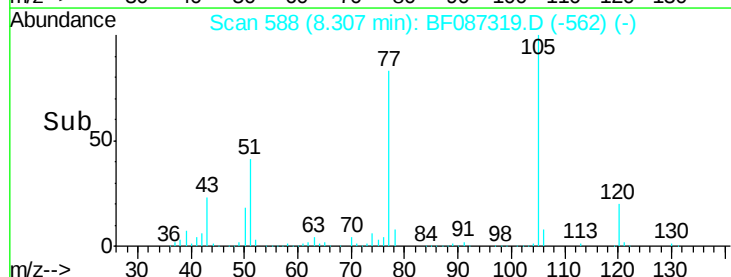


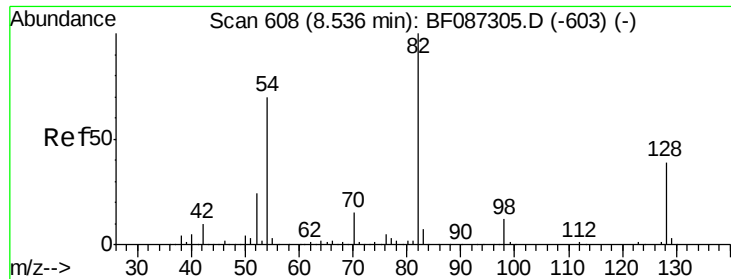
Abundance Ion 105.00 (104.70 to 105.70): E

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

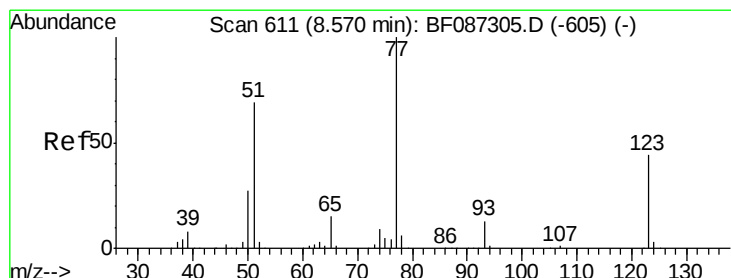
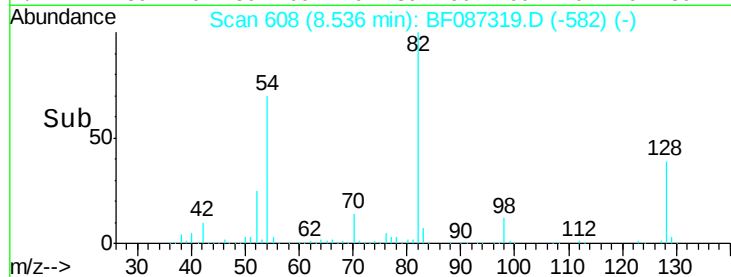
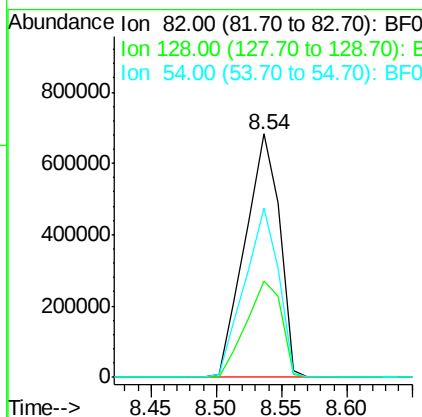
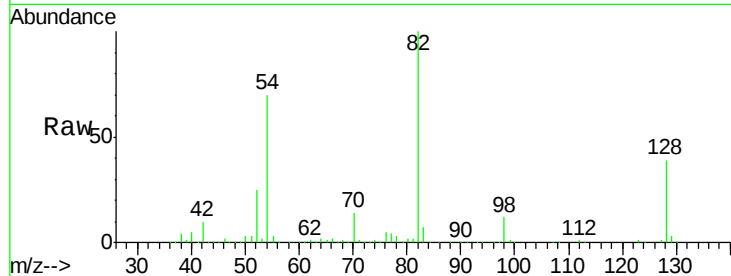




#23
 Nitrobenzene-d5
 Concen: 80.79 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

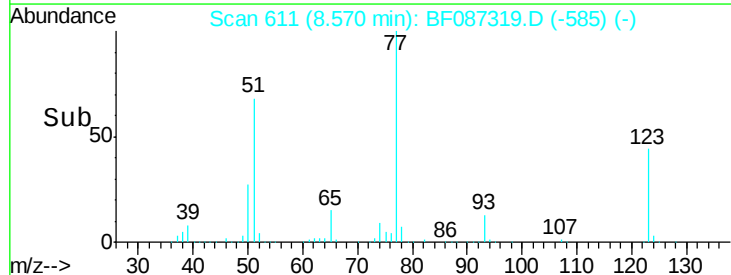
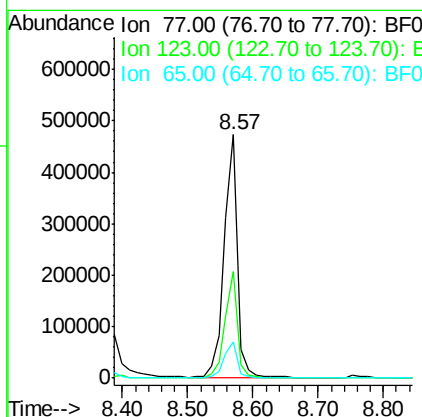
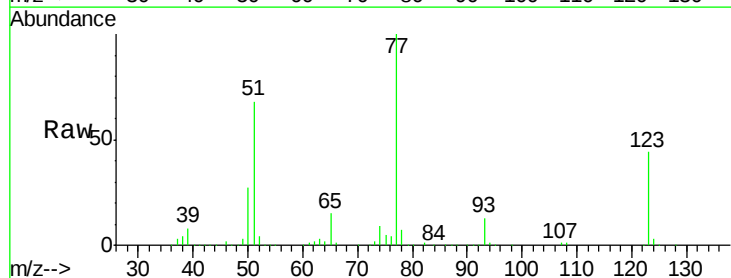
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

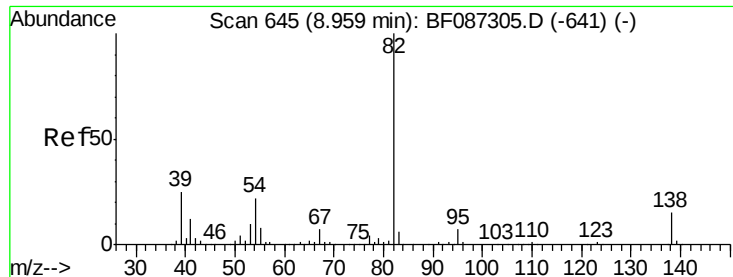
Tgt Ion: 82 Resp: 1265440
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 69.7 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.60 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion: 77 Resp: 671267
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.4
 65 15.0 10.8 16.2

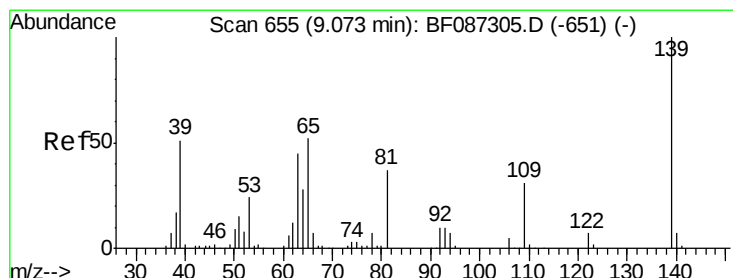
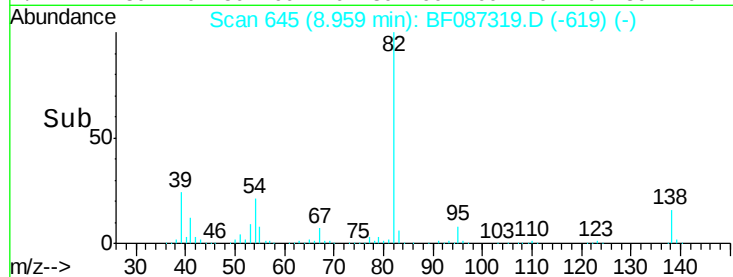
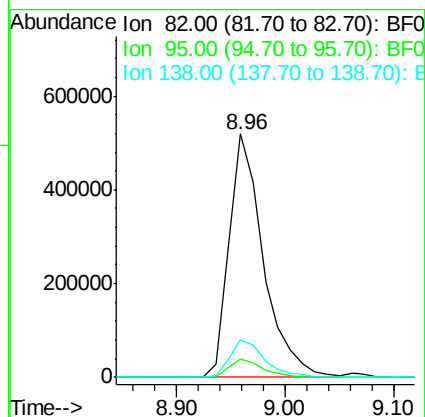
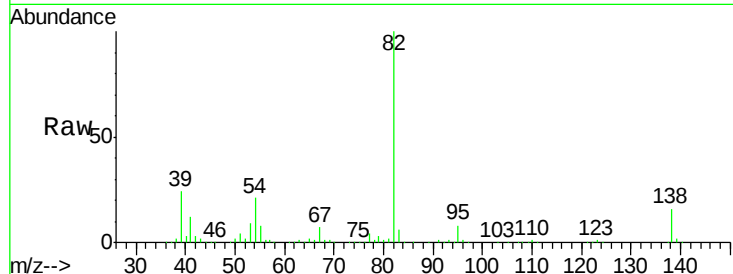




#25
Isophorone
Concen: 40.14 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

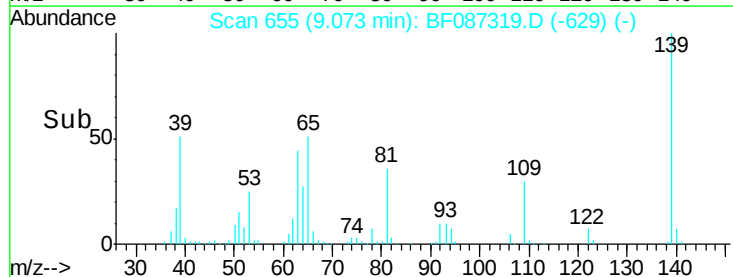
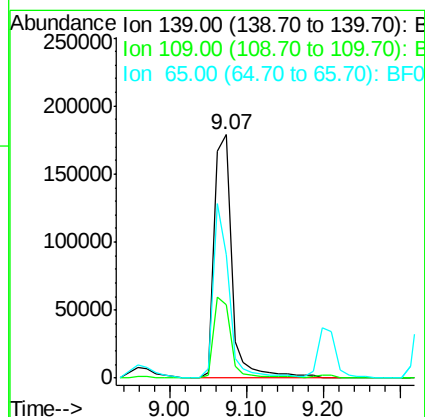
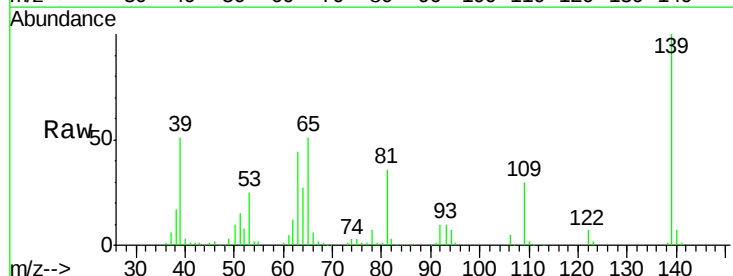
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

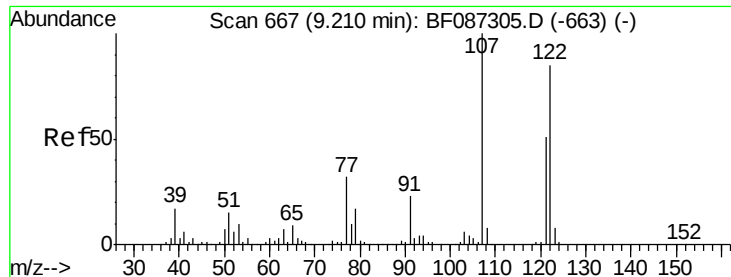
Tgt Ion: 82 Resp: 1127637
Ion Ratio Lower Upper
82 100
95 7.6 5.1 7.7
138 15.7 12.4 18.6



#26
2-Nitrophenol
Concen: 42.42 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 139 Resp: 286680
Ion Ratio Lower Upper
139 100
109 29.9 19.5 29.3#
65 50.9 37.5 56.3

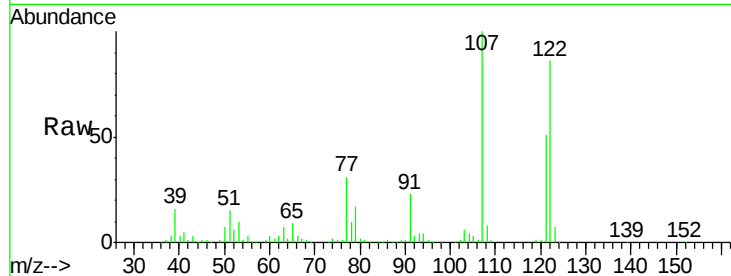




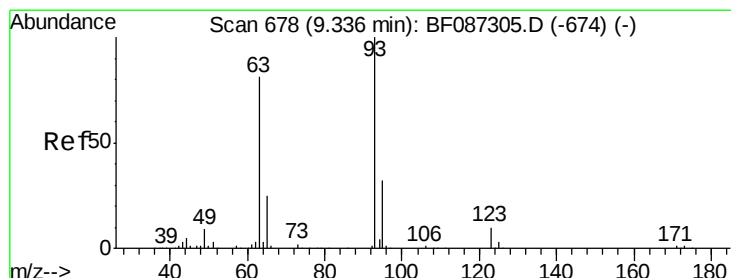
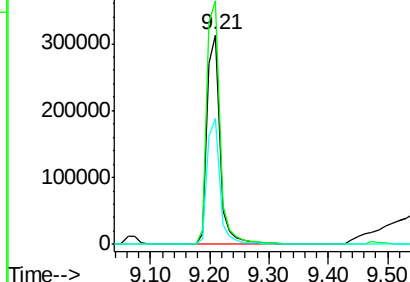
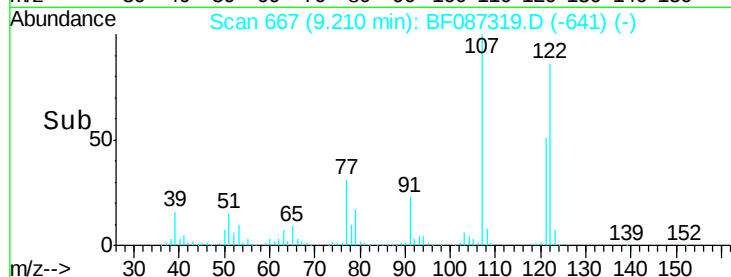
#27
 2,4-Dimethylphenol
 Concen: 41.07 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 122 Resp: 481824
 Ion Ratio Lower Upper
 122 100
 107 116.2 82.0 123.0
 121 59.8 46.1 69.1

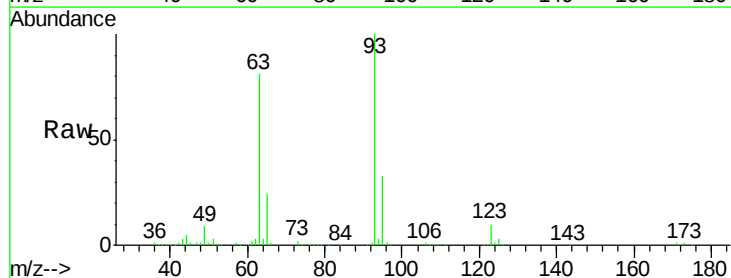


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

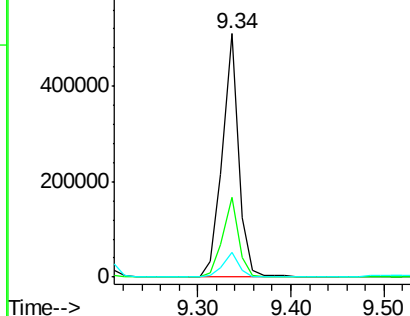
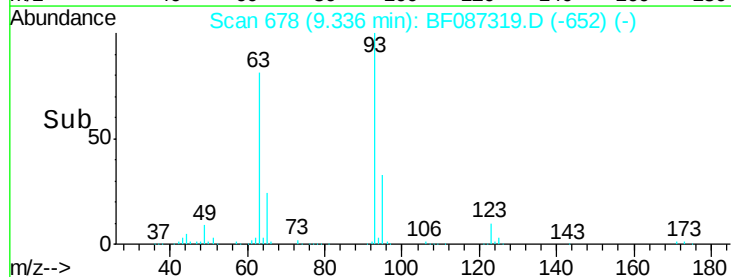


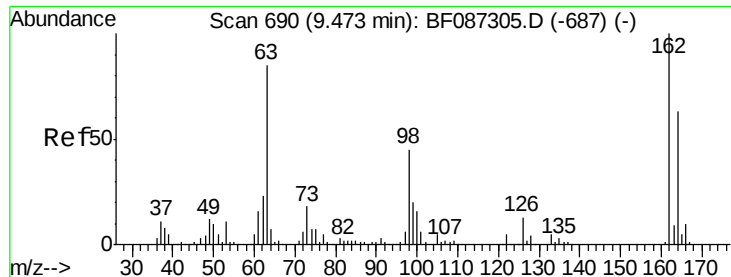
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.39 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion: 93 Resp: 623298
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 9.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

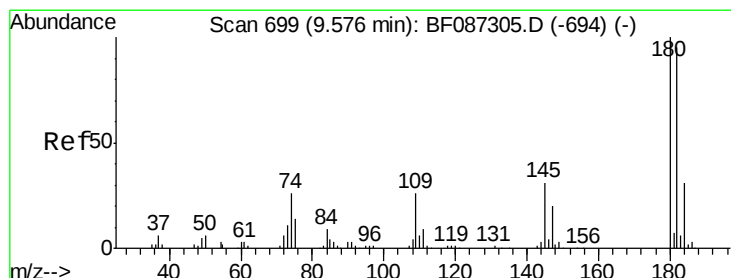
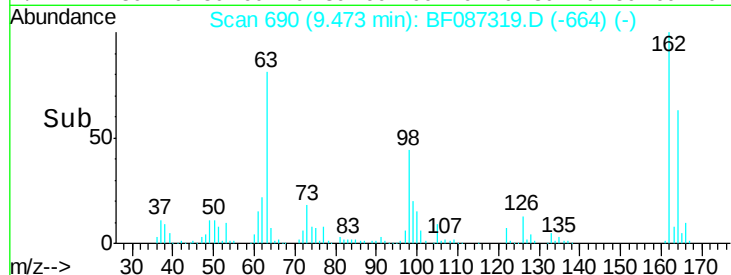
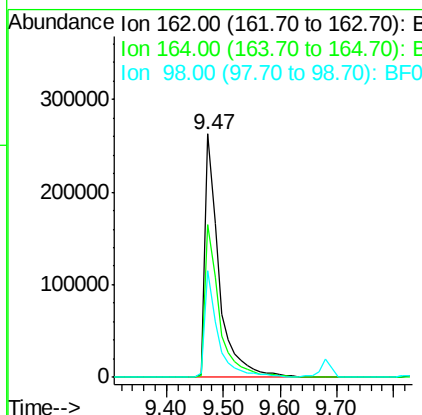
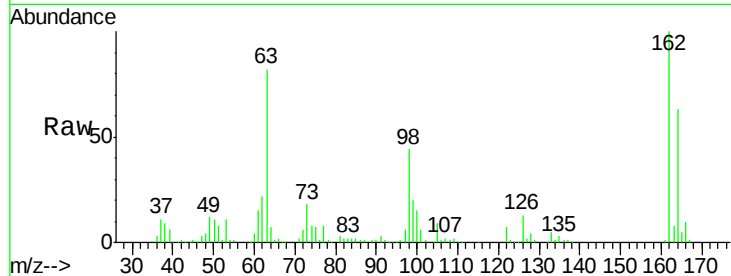




#29
 2,4-Dichlorophenol
 Concen: 40.98 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

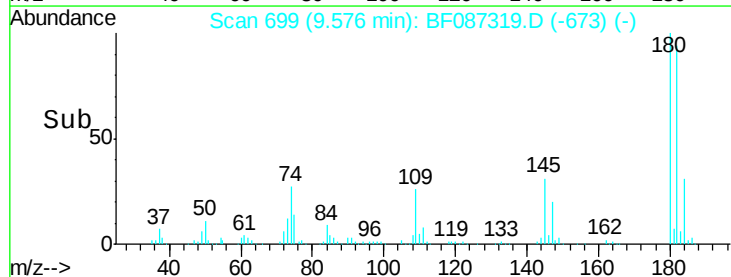
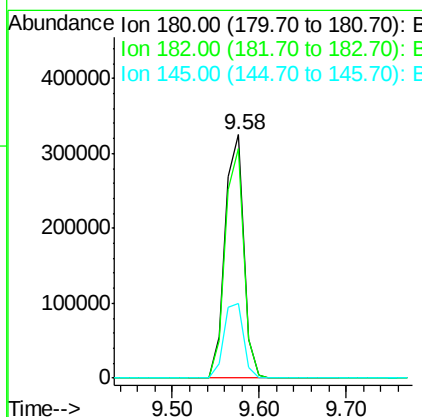
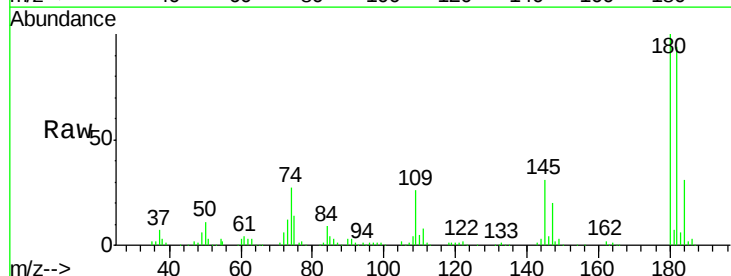
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

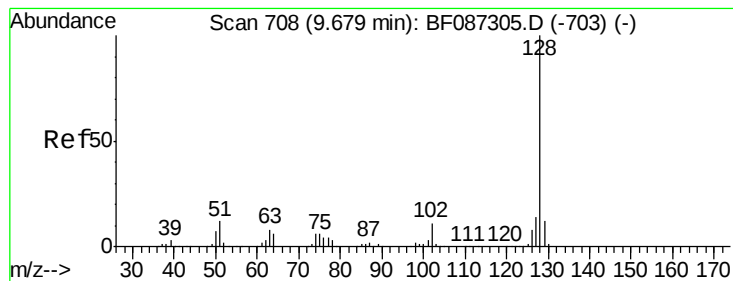
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.2	82.2
98	44.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.26 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.0	117.0
145	30.7	24.2	36.2





#31

Naphthalene

Concen: 38.51 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

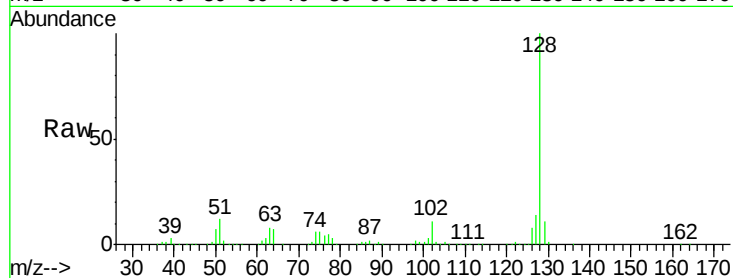
Tgt Ion:128 Resp: 1523317

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

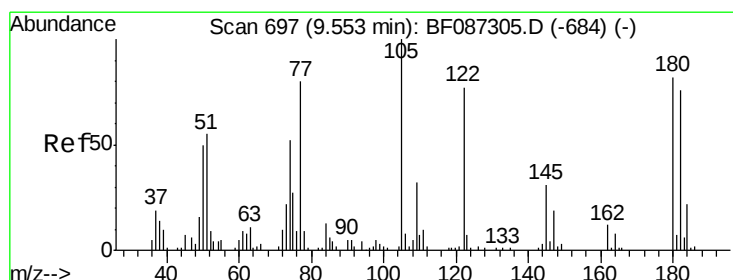
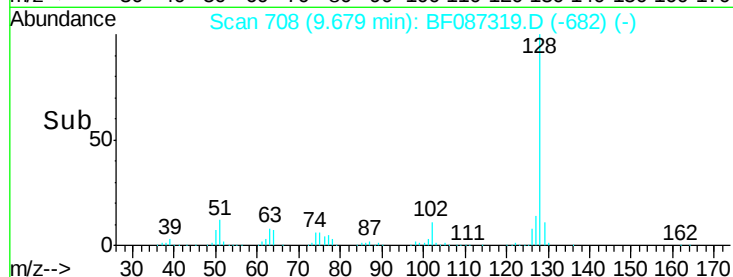
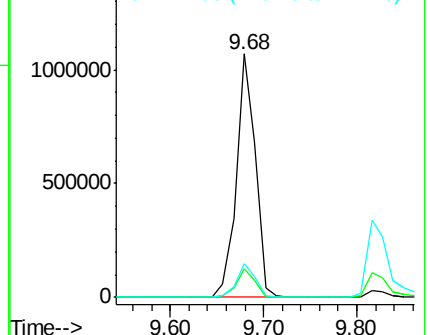
127 13.8 10.8 16.2



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: 38.42 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

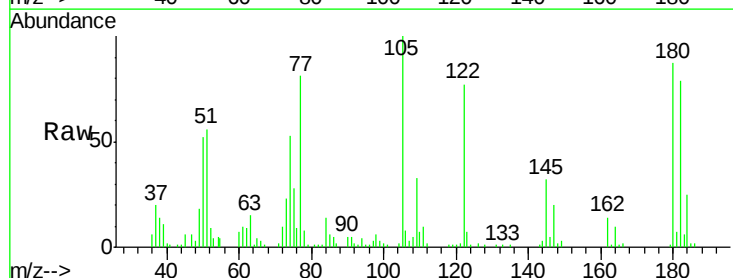
Tgt Ion:122 Resp: 224129

Ion Ratio Lower Upper

122 100

105 130.3 92.6 132.6

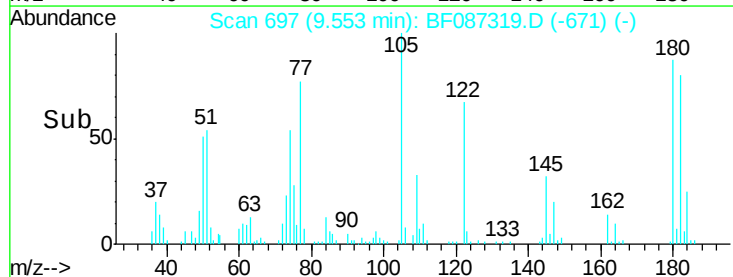
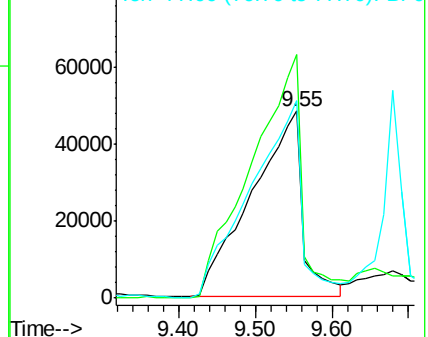
77 105.8 60.0 100.0#

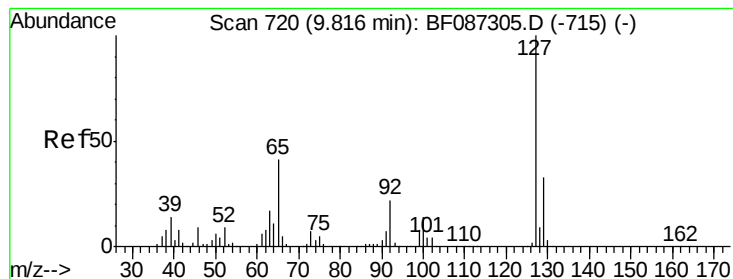


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.64 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

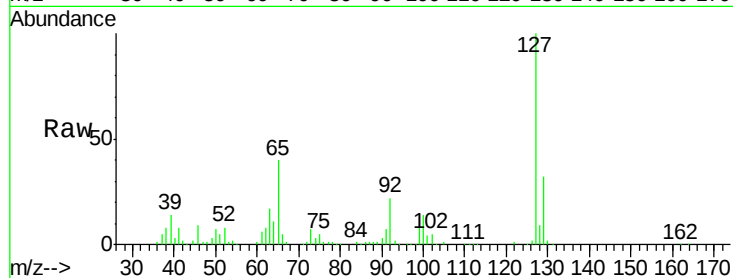
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	127	Resp:	562930
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	40.4	23.0	34.4#
92	22.0	15.1	22.7

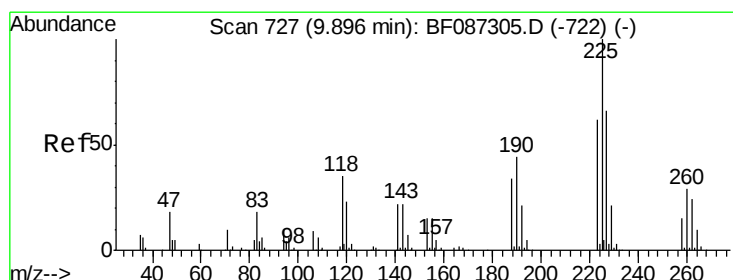
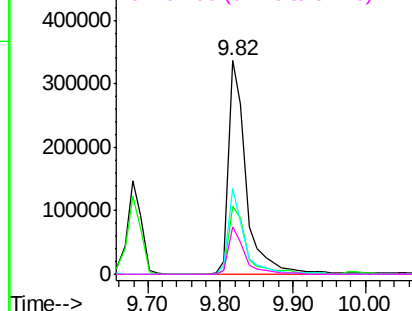
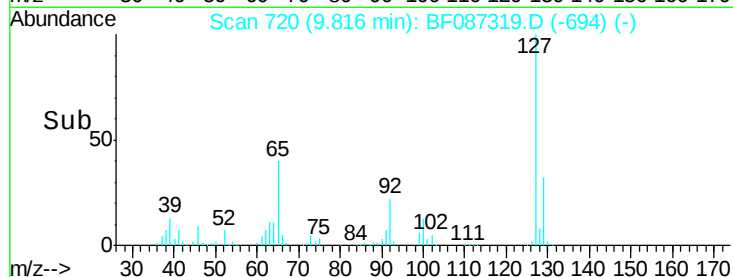


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.18 ng

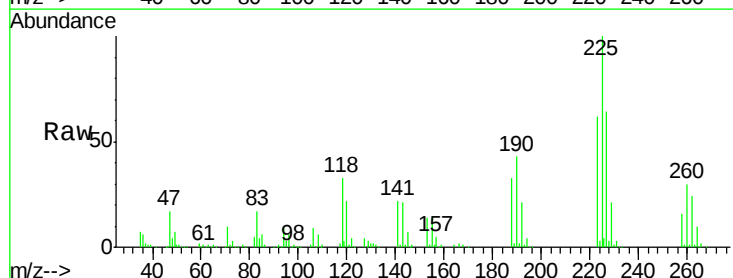
RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

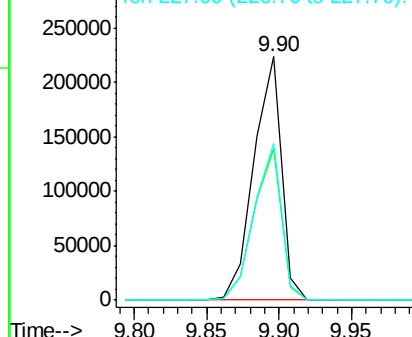
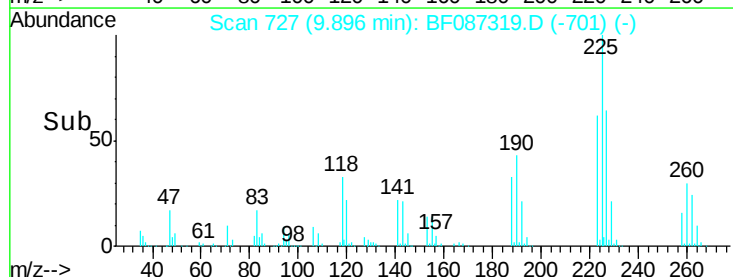
Tgt Ion:	225	Resp:	295616
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.5	77.3
227	64.3	52.2	78.2

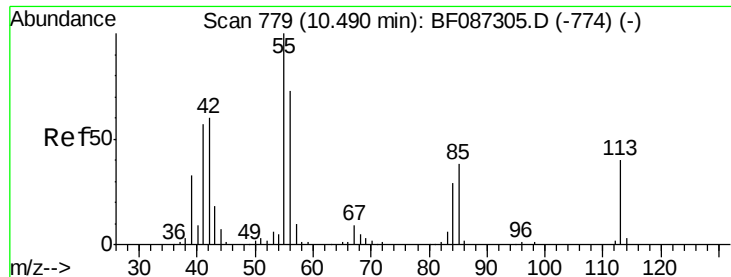


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

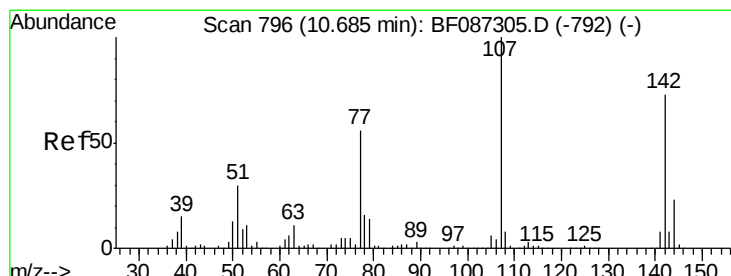
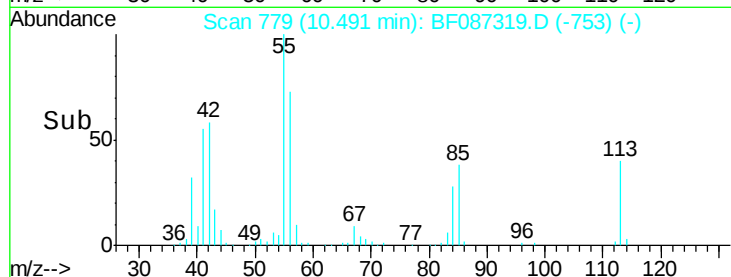
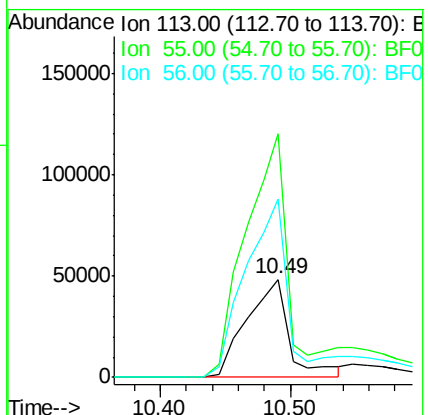
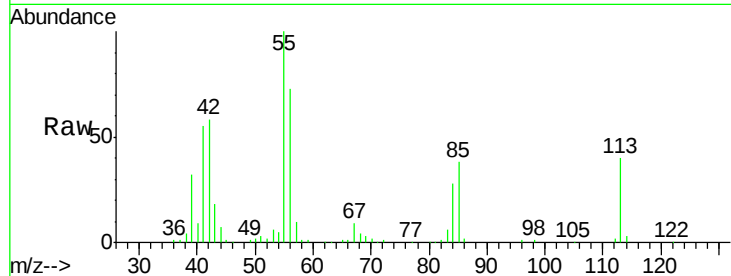




#35
 Caprolactam
 Concen: 36.01 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

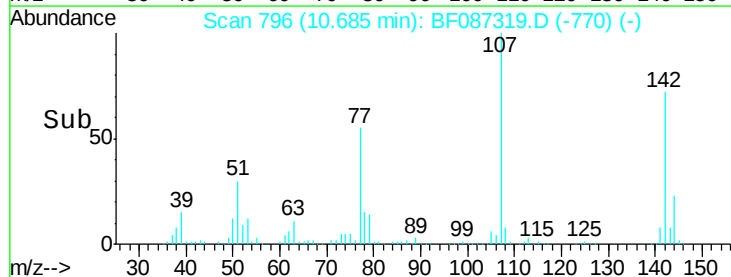
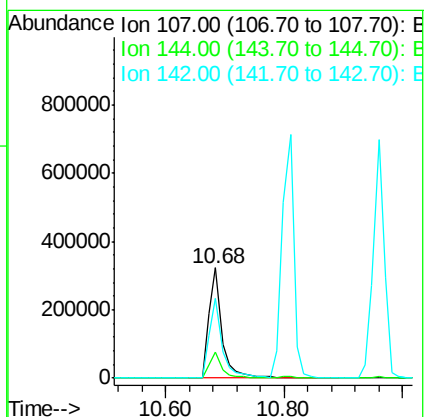
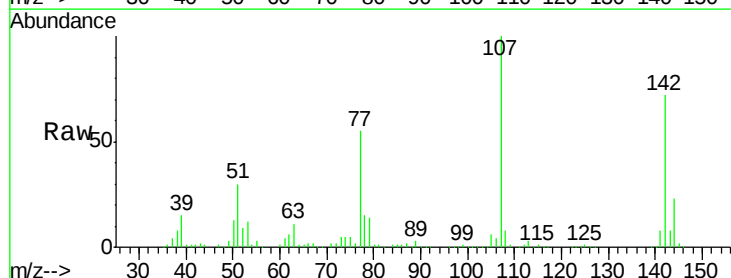
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

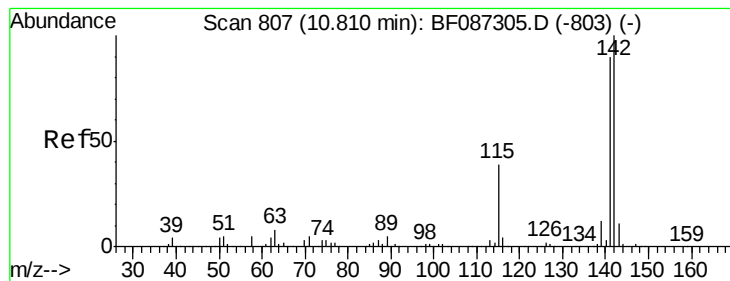
Tgt Ion:113 Resp: 111113
 Ion Ratio Lower Upper
 113 100
 55 247.7 162.0 202.0#
 56 181.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 41.56 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion:107 Resp: 496770
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.7 31.1
 142 72.1 63.2 94.8





#37

2-Methylnaphthalene

Concen: 39.41 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

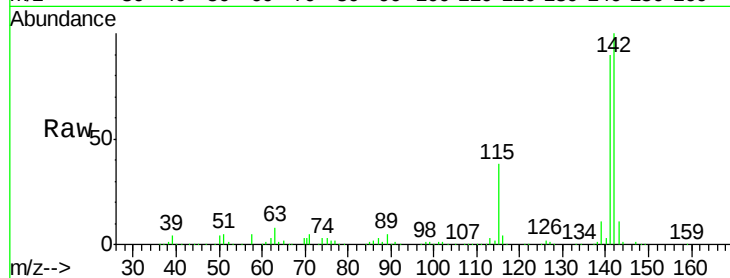
Tgt Ion:142 Resp: 973844

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

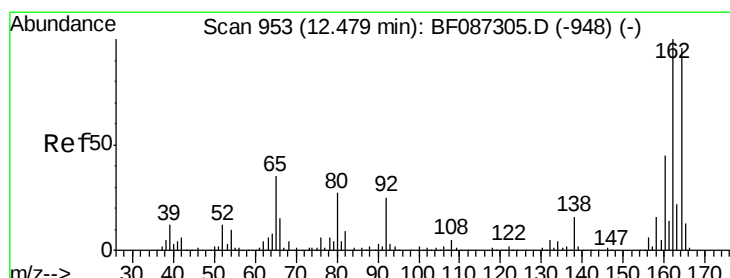
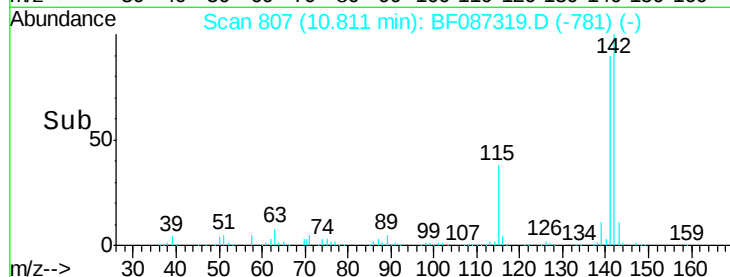
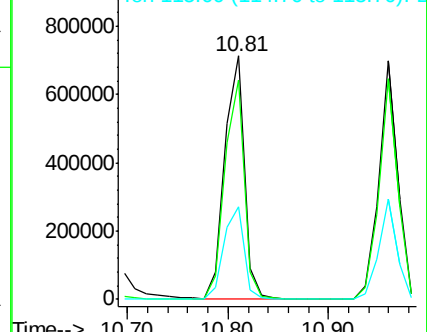
115 37.9 26.6 39.8



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: BF087319.D

Acq: 24 May 2016 1:40

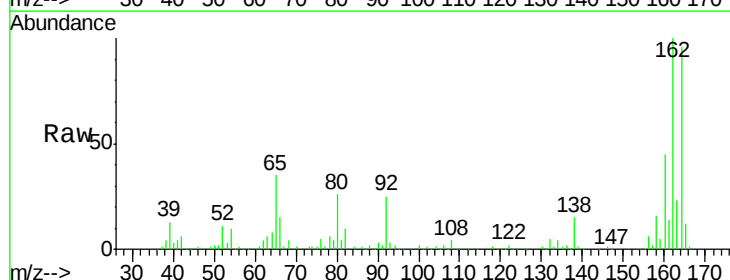
Tgt Ion:164 Resp: 355200

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

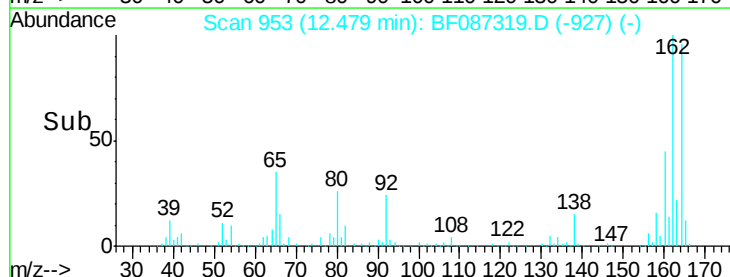
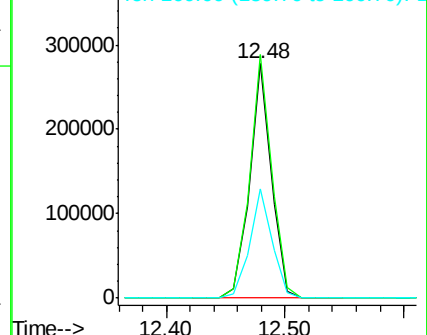
160 46.8 36.9 55.3

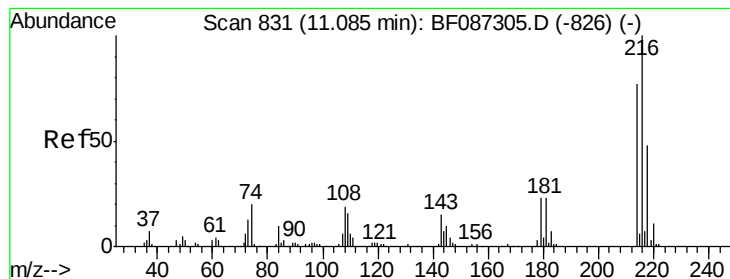


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.12 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 456152

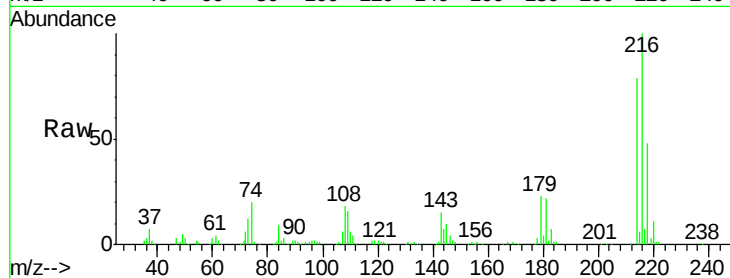
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 23.9 18.2 27.4

108 22.6 17.5 26.3

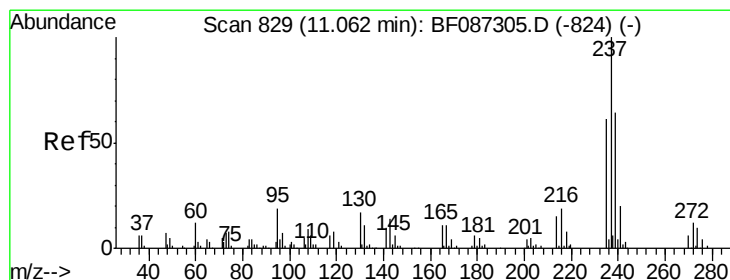
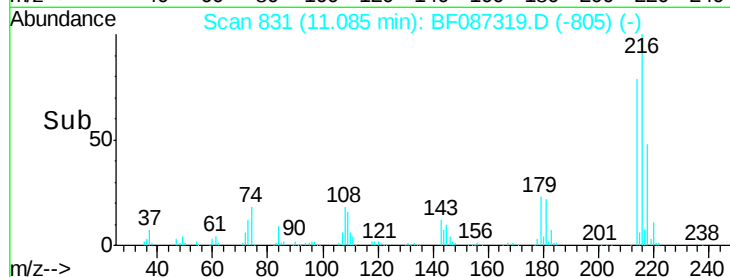
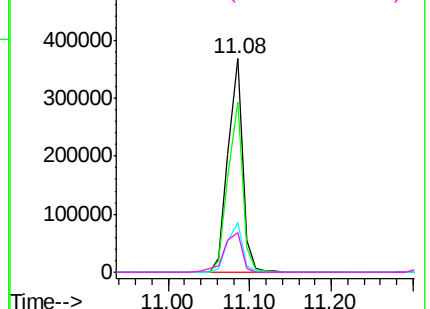


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.25 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

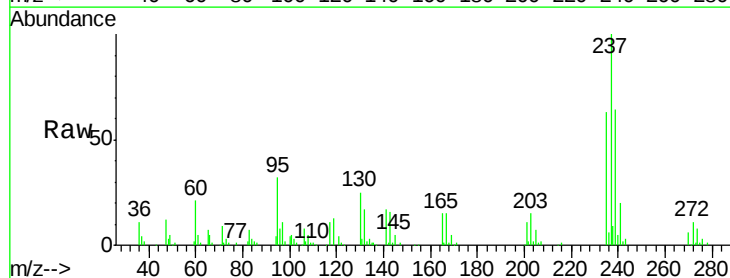
Tgt Ion:237 Resp: 158105

Ion Ratio Lower Upper

237 100

235 62.7 47.2 87.2

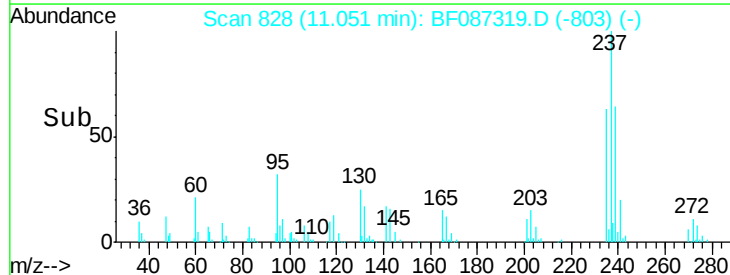
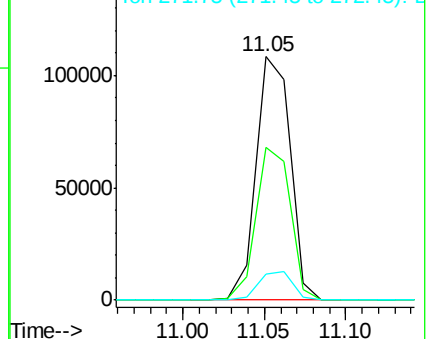
272 10.6 0.0 31.1



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

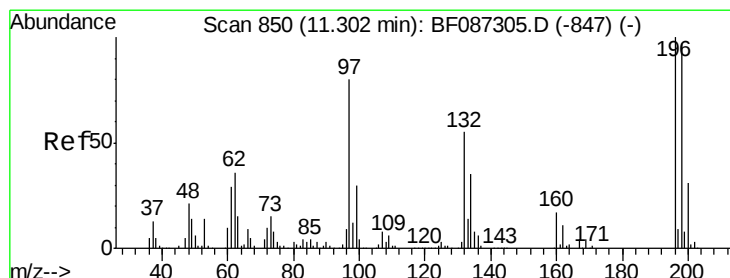
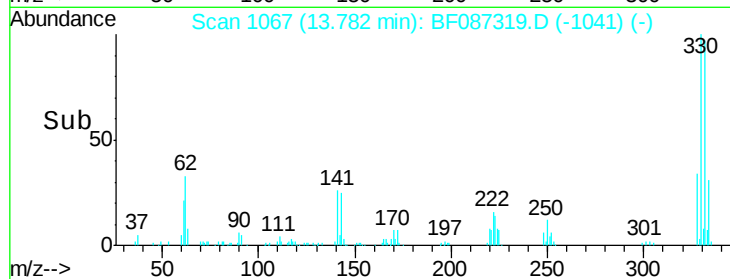
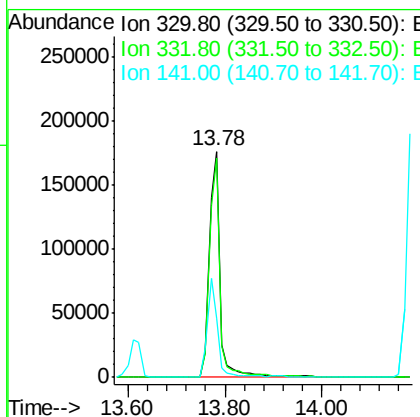
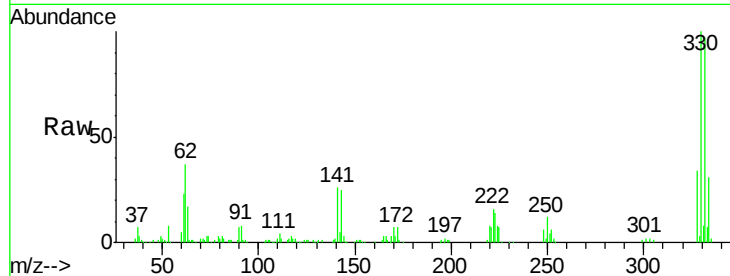




#41
 2,4,6-Tribromophenol
 Concen: 81.86 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

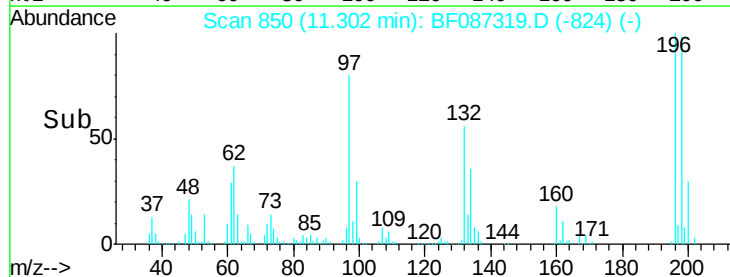
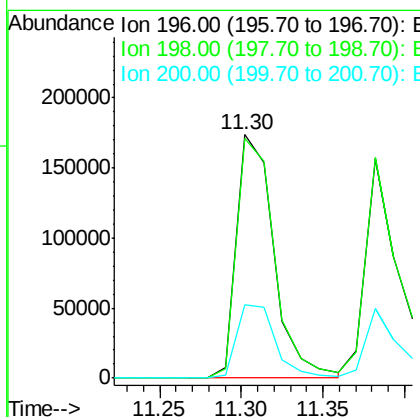
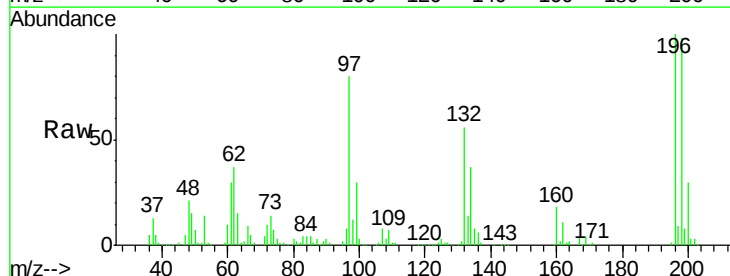
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	40.8	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.84 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.7	112.1
200	30.0	23.8	35.6

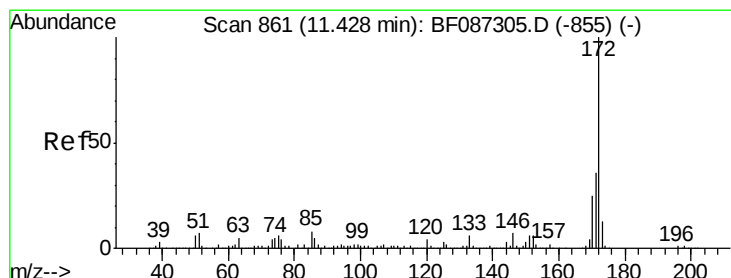
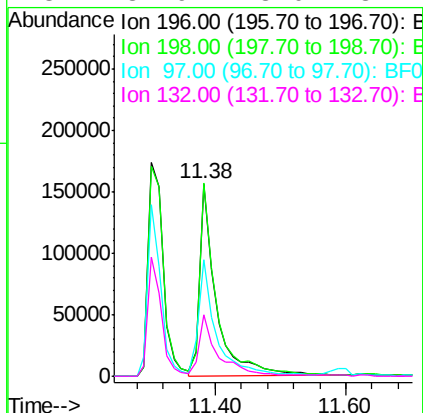
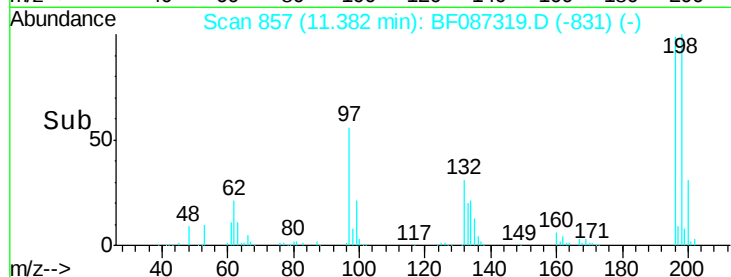
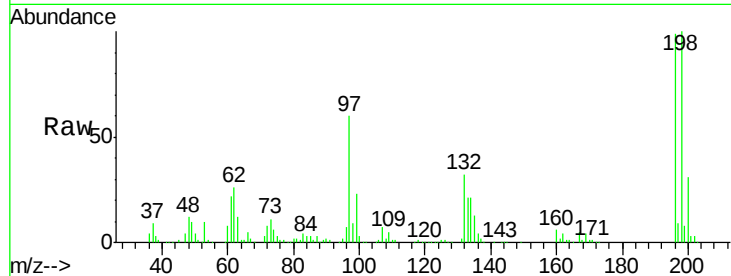




#43
 2,4,5-Trichlorophenol
 Concen: 40.92 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

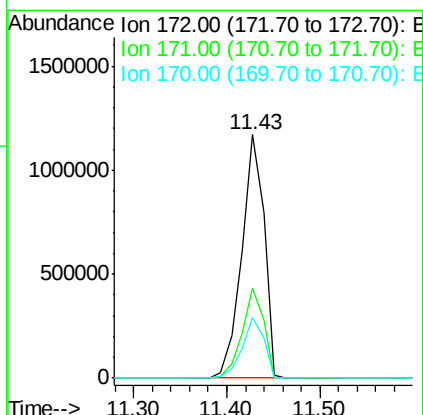
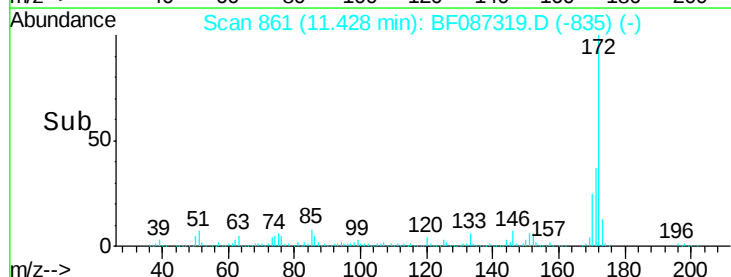
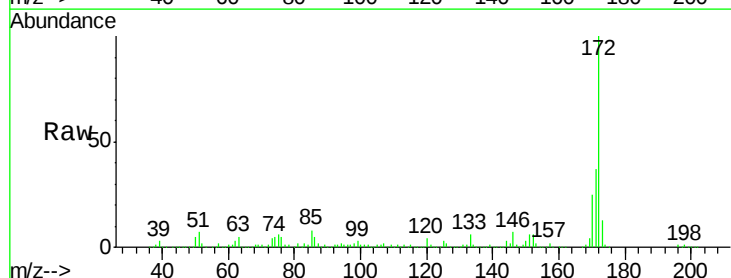
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

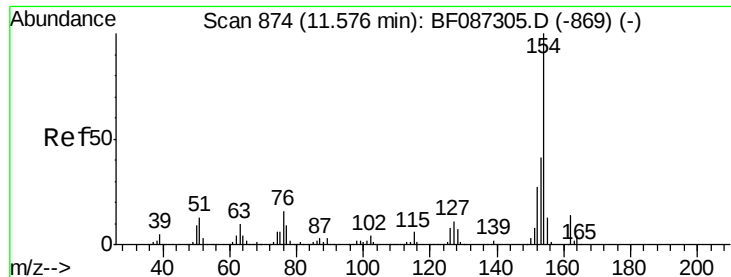
Tgt Ion	Resp	Lower	Upper
196	100		
198	100.7	77.5	116.3
97	60.8	34.8	52.2
132	31.9	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 77.00 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.40 ng

RT: 11.58 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

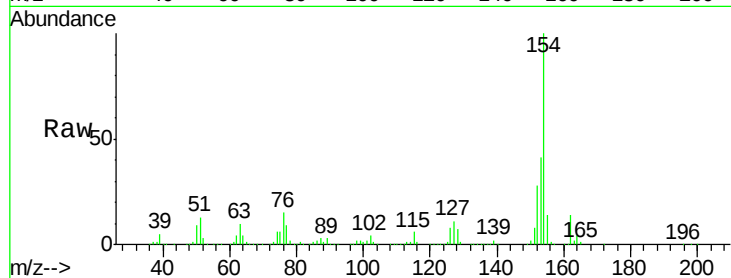
Tgt Ion:154 Resp: 1148431

Ion Ratio Lower Upper

154 100

153 41.3 20.3 60.3

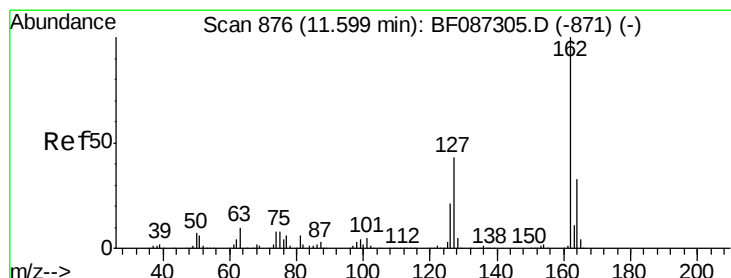
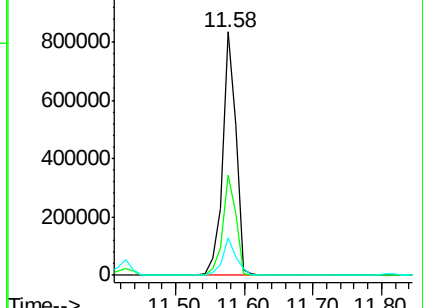
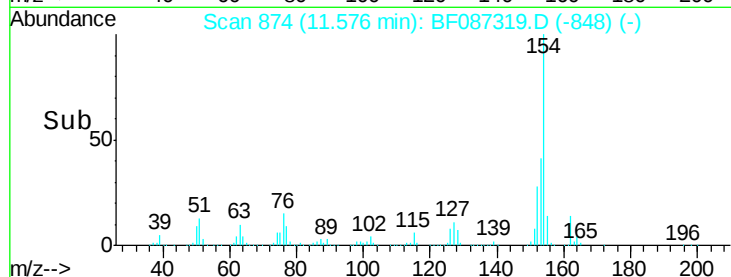
76 15.4 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.53 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

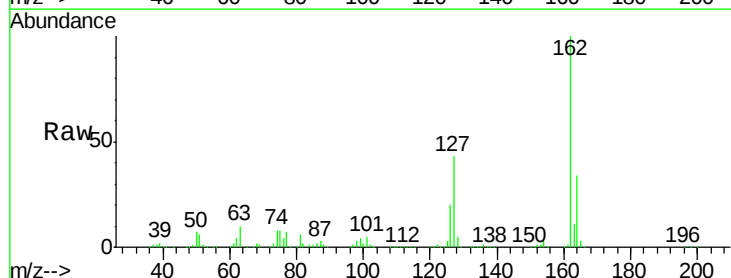
Tgt Ion:162 Resp: 904416

Ion Ratio Lower Upper

162 100

127 43.3 31.8 47.6

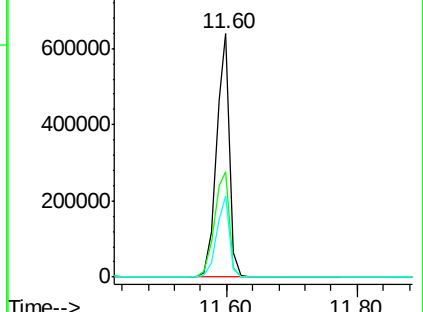
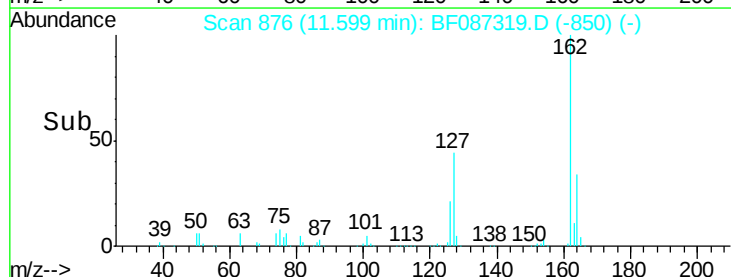
164 33.5 27.0 40.6

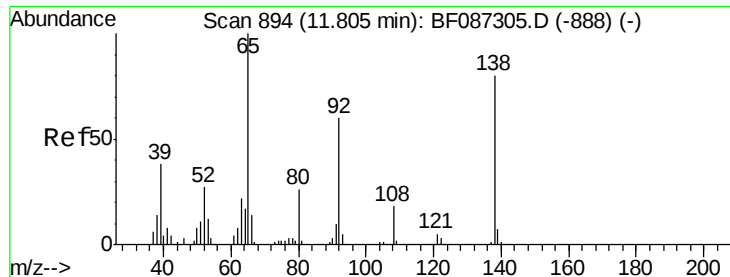


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.80 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

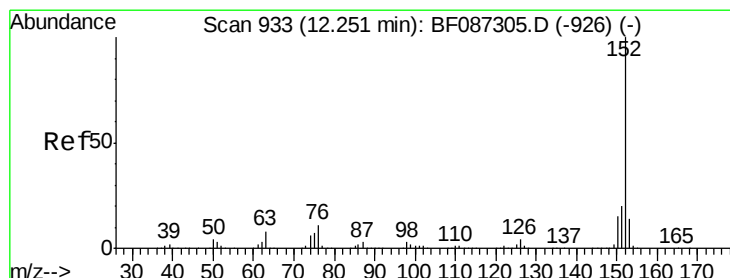
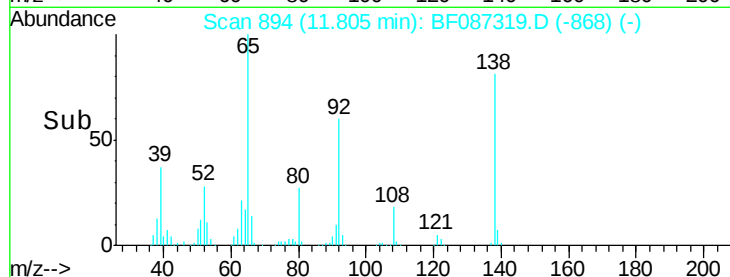
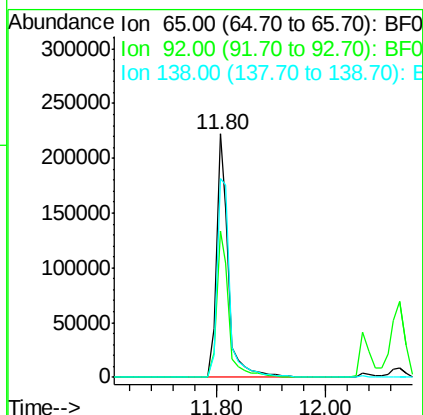
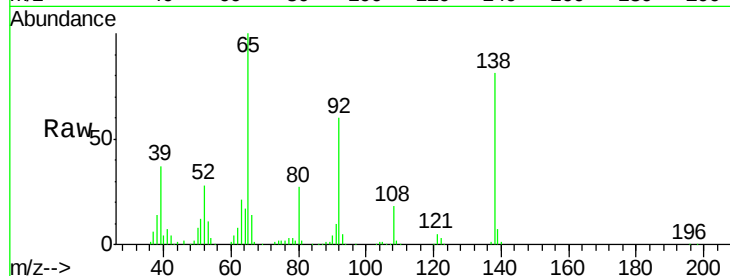
Tgt Ion: 65 Resp: 344553

Ion Ratio Lower Upper

65 100

92 60.1 57.4 86.2

138 81.4 90.1 135.1#



#48

Acenaphthylene

Concen: 39.42 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

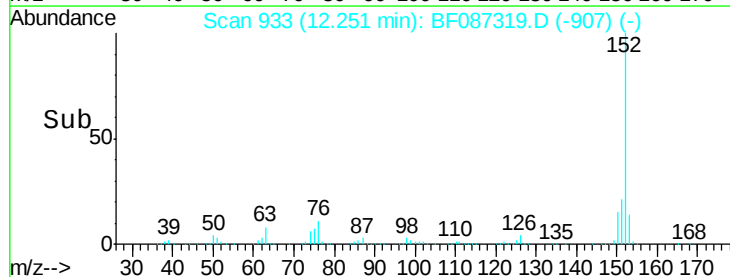
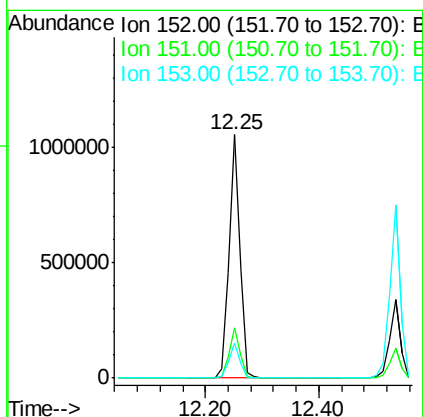
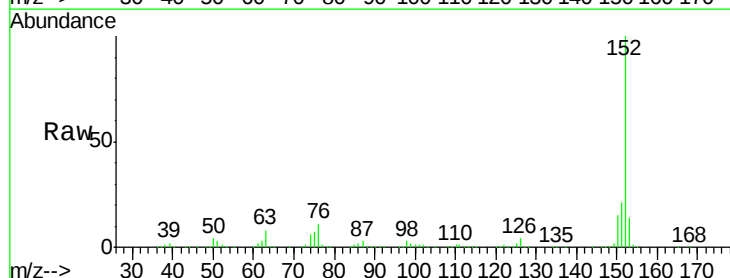
Tgt Ion: 152 Resp: 1428039

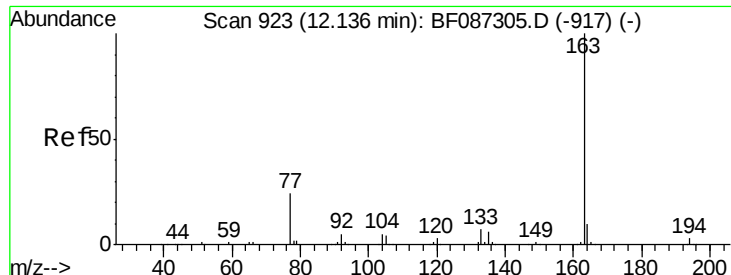
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.2 10.9 16.3

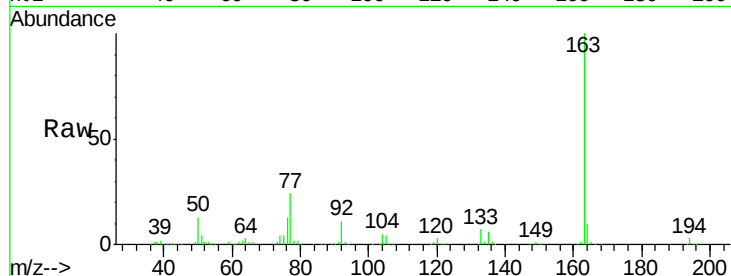




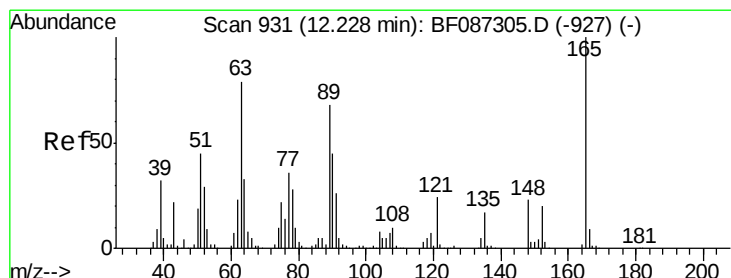
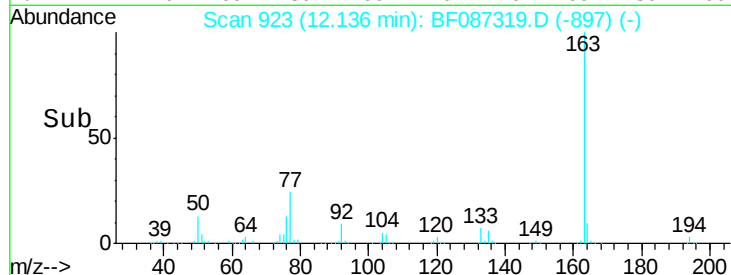
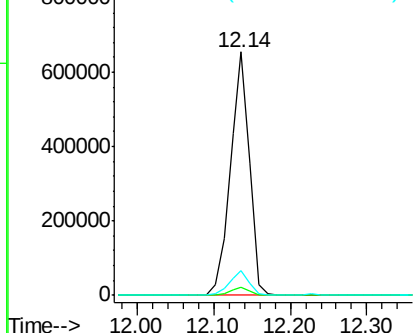
#49
Dimethylphthalate
Concen: 40.07 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1140205
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.2 12.4

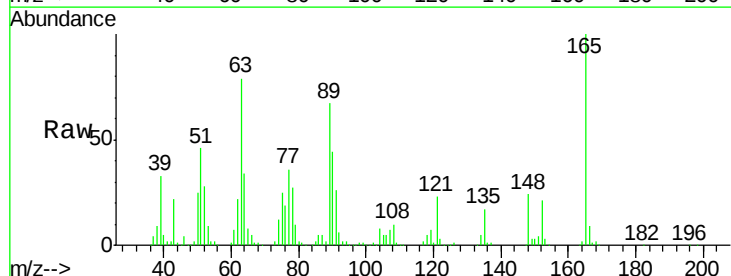


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

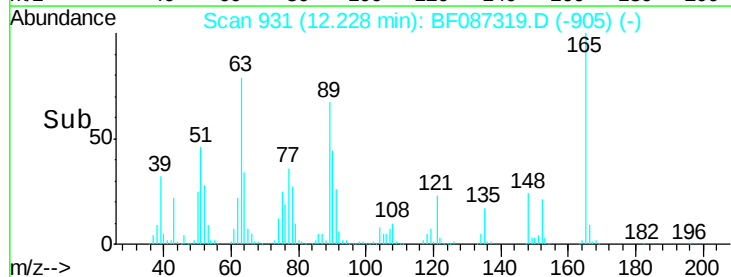
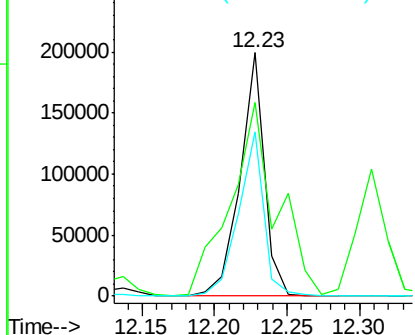


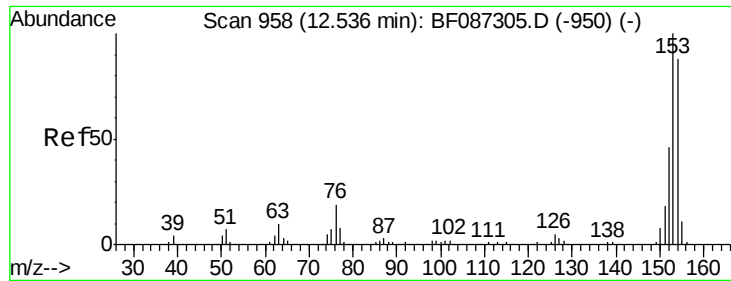
#50
2,6-Dinitrotoluene
Concen: 40.38 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:165 Resp: 231499
Ion Ratio Lower Upper
165 100
63 79.5 51.8 77.8#
89 67.2 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: 38.58 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

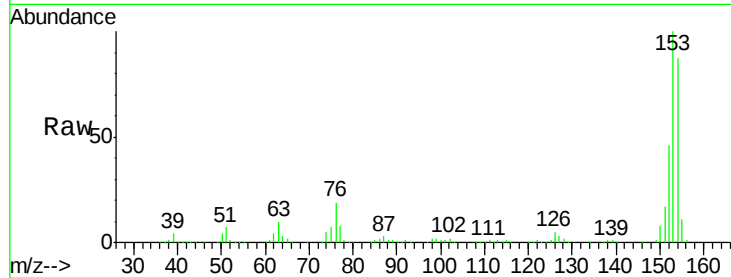
Tgt Ion:154 Resp: 858820

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.6

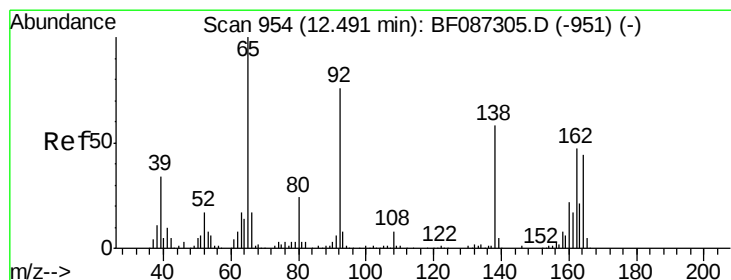
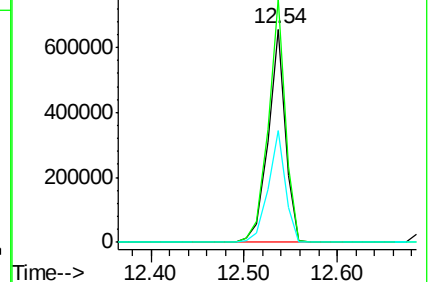
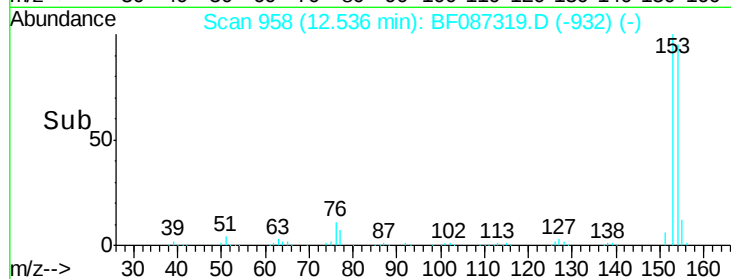
152 52.3 43.4 65.0



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: 39.41 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

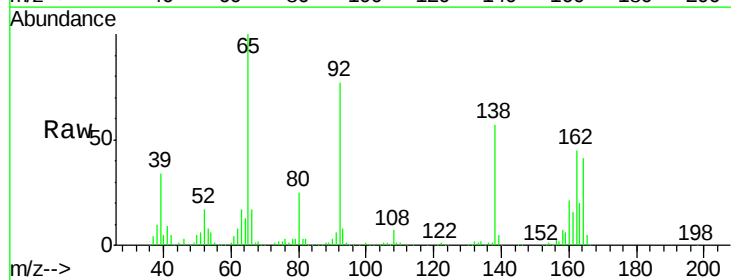
Tgt Ion:138 Resp: 231891

Ion Ratio Lower Upper

138 100

108 13.1 7.8 11.6#

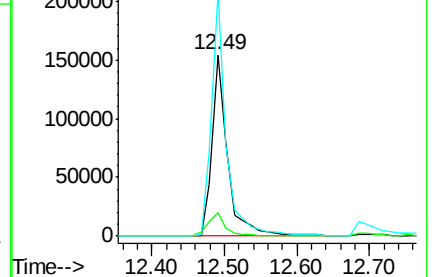
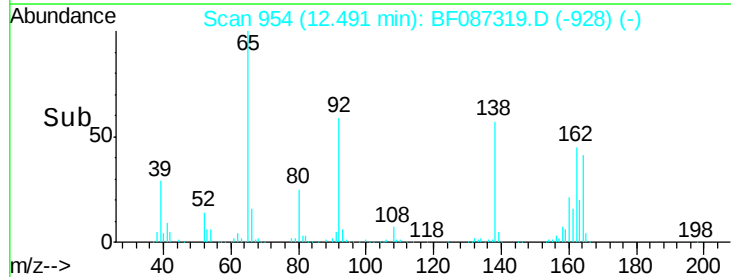
92 134.3 87.8 131.8#

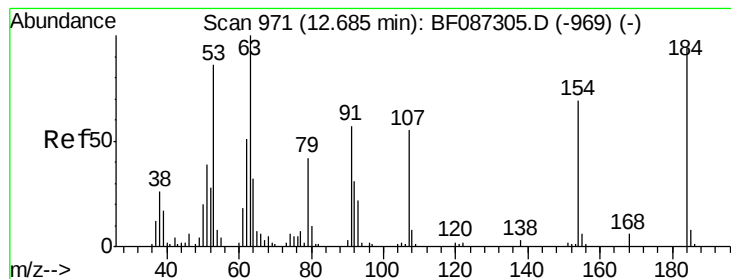


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 40.41 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

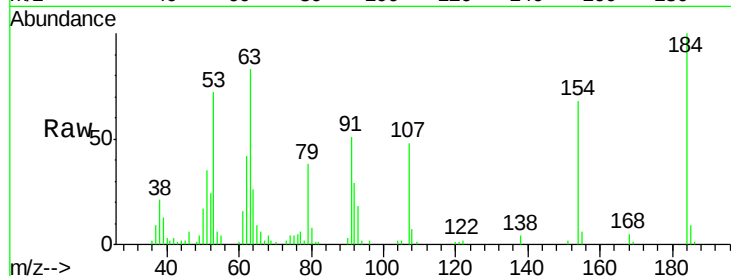
Tgt Ion:184 Resp: 108234

Ion Ratio Lower Upper

184 100

63 83.1 55.8 83.8

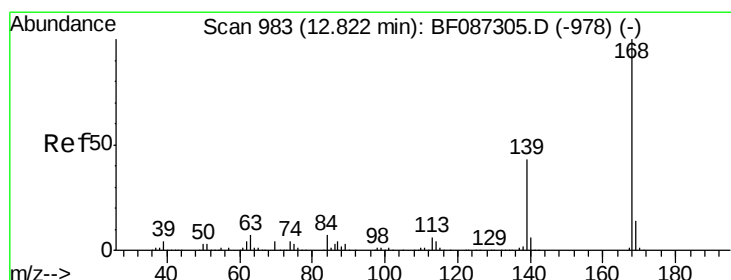
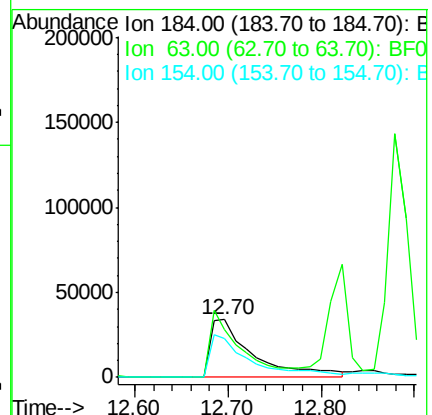
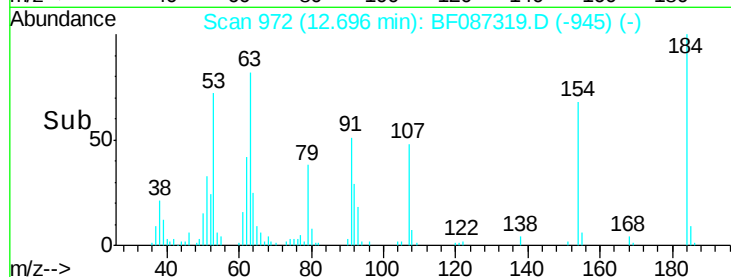
154 67.7 62.4 93.6



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: 38.81 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

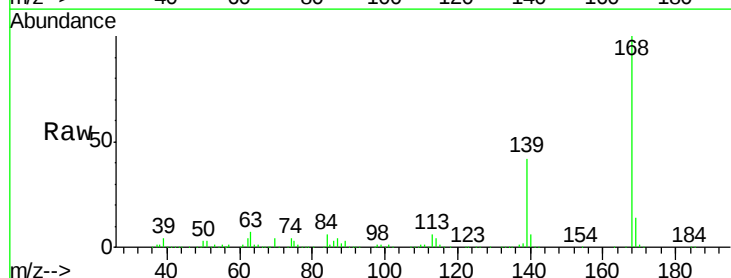
Tgt Ion:168 Resp: 1169848

Ion Ratio Lower Upper

168 100

139 42.3 31.4 47.0

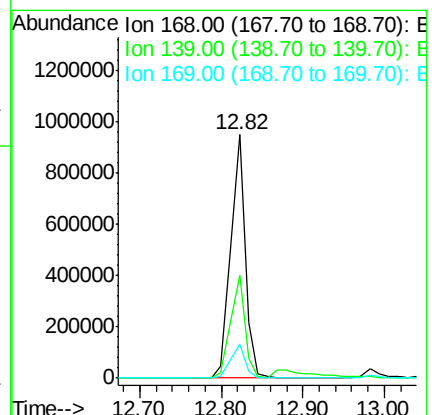
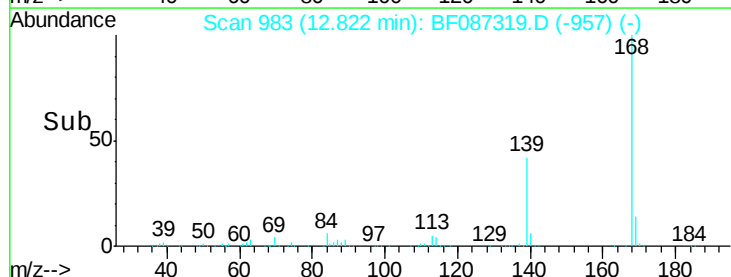
169 13.6 10.7 16.1

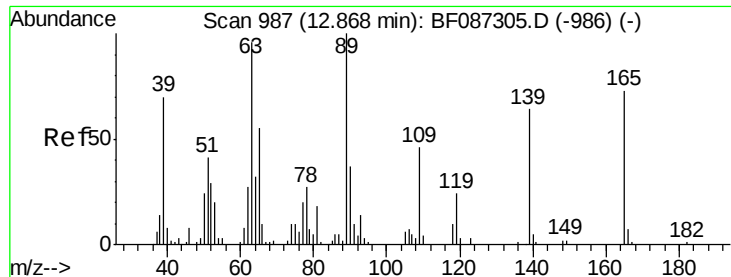


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

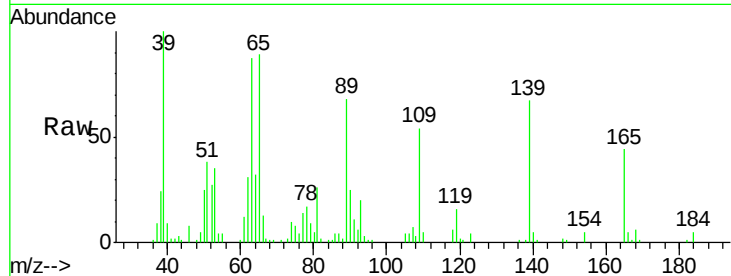




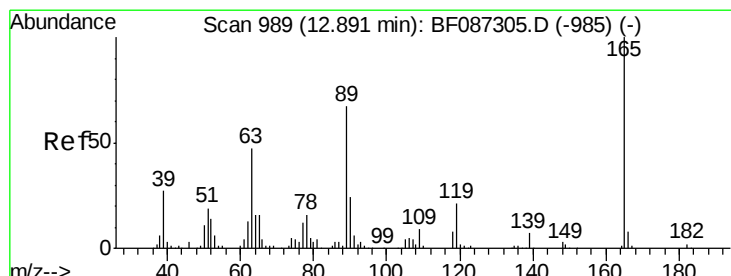
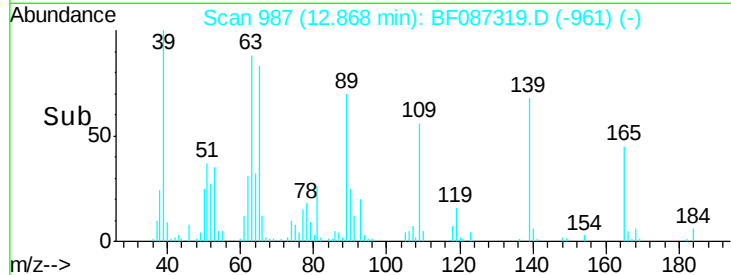
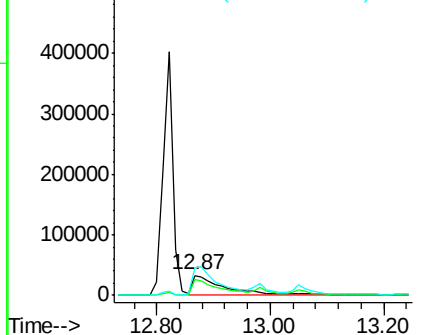
#55
4-Nitrophenol
Concen: 42.47 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 119216
Ion Ratio Lower Upper
139 100
109 80.8 36.9 76.9#
65 132.5 64.0 104.0#

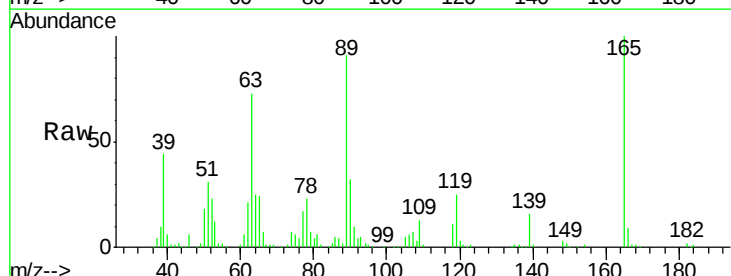


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

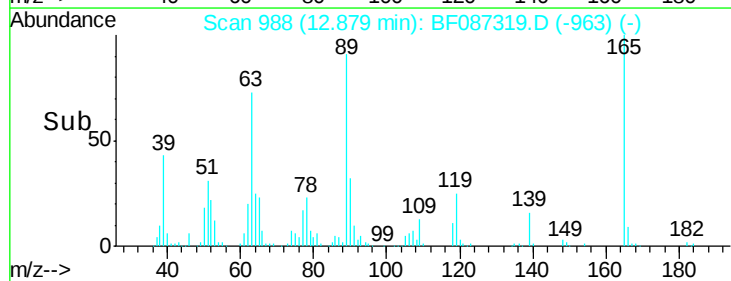
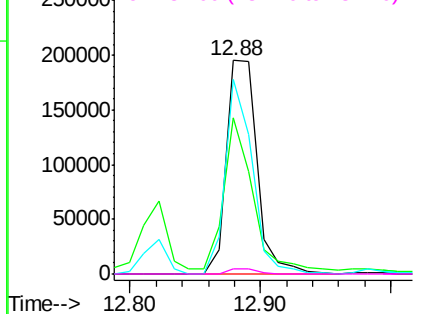


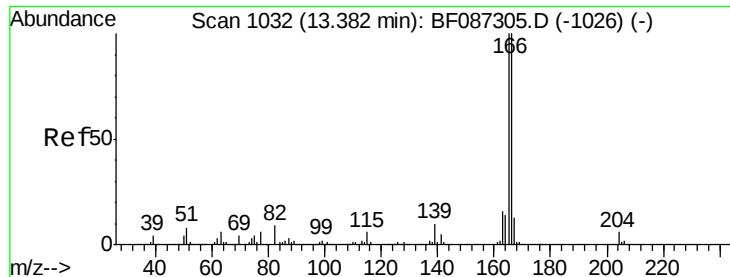
#56
2,4-Dinitrotoluene
Concen: 41.48 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:165 Resp: 317830
Ion Ratio Lower Upper
165 100
63 73.4 44.3 66.5#
89 91.3 70.0 105.0
182 2.2 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

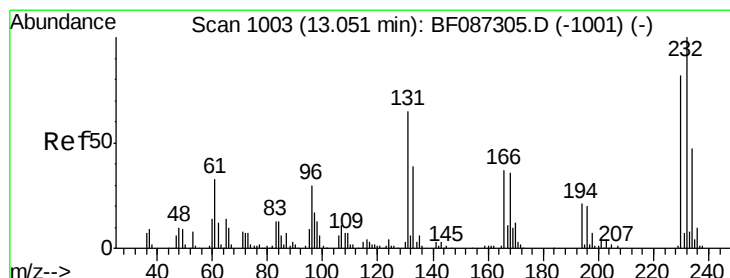
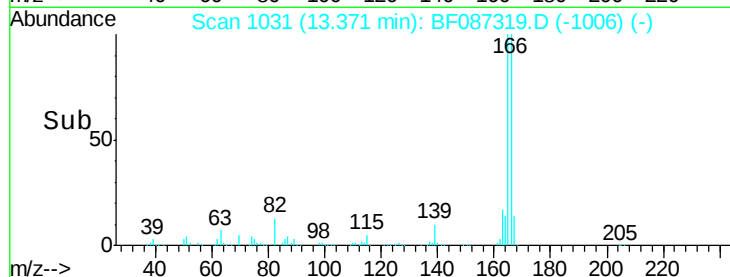
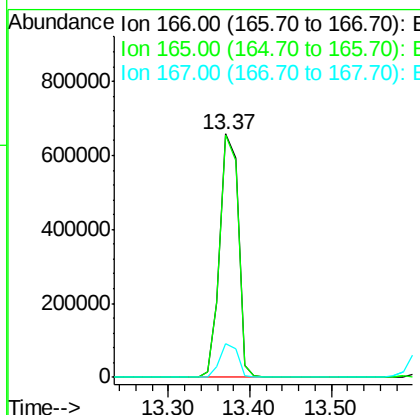
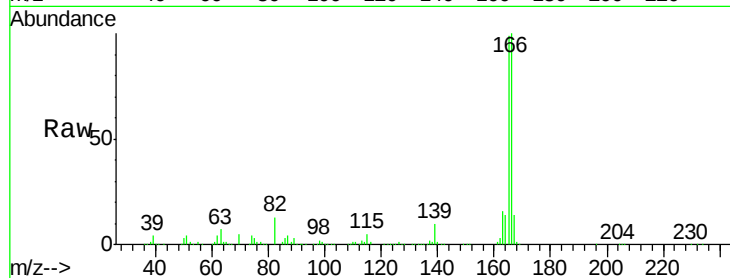




#57
 Fluorene
 Concen: 39.54 ng
 RT: 13.37 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

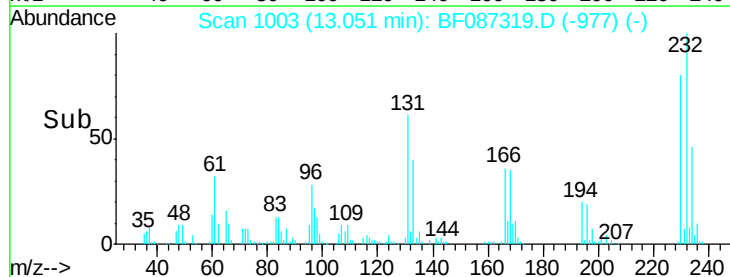
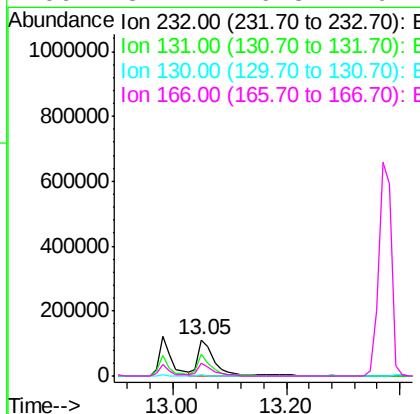
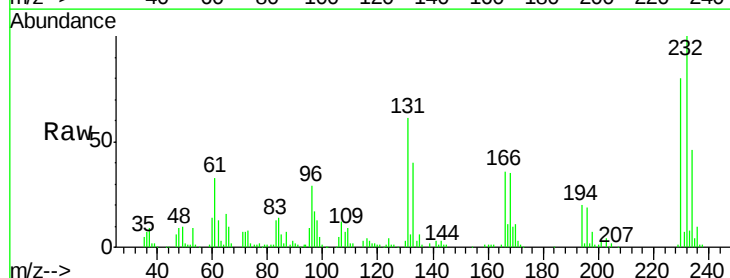
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:166 Resp: 1033641
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.0 118.6
 167 13.8 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.10 ng
 RT: 13.05 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion:232 Resp: 221609
 Ion Ratio Lower Upper
 232 100
 131 53.2 41.9 62.9
 130 2.7 2.2 3.4
 166 32.7 26.8 40.2

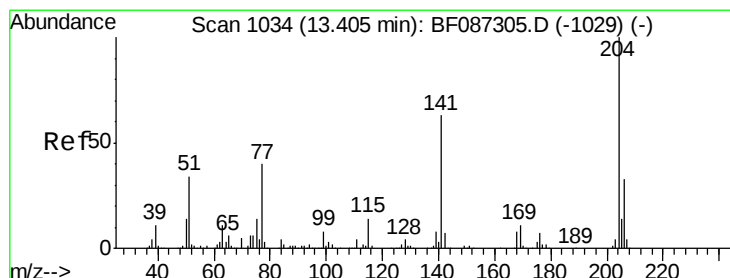
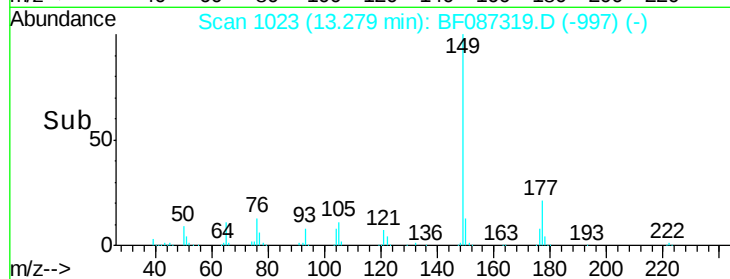
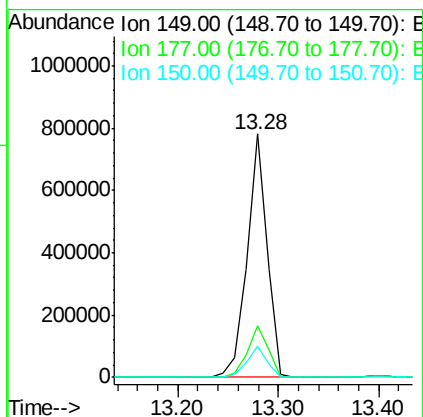
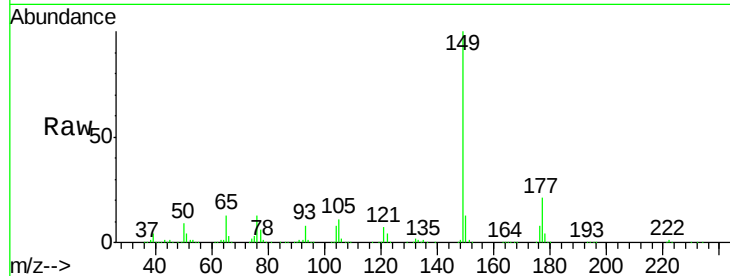




#59
Diethylphthalate
Concen: 38.83 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

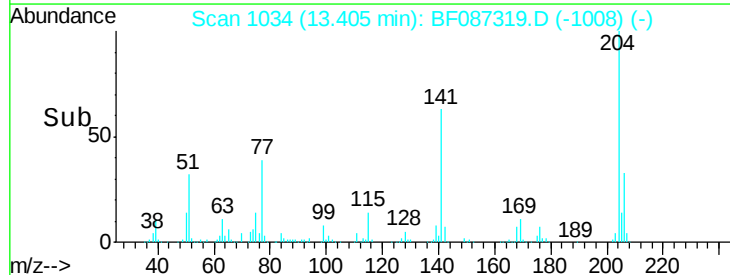
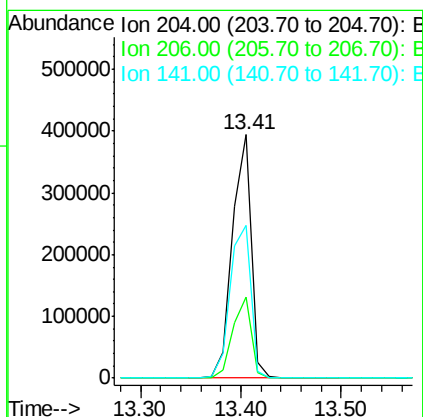
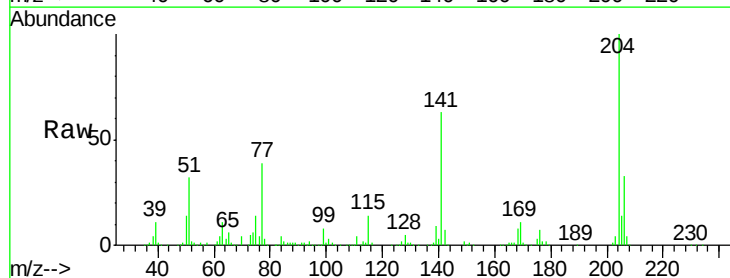
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

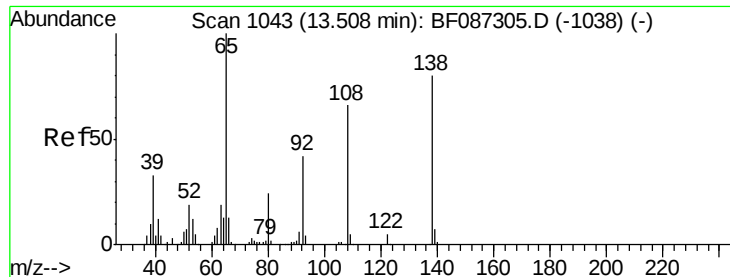
Tgt Ion:149 Resp: 1074148
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:204 Resp: 512132
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 62.9 61.6 92.4

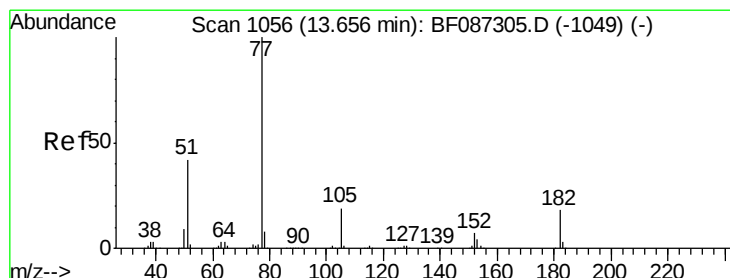
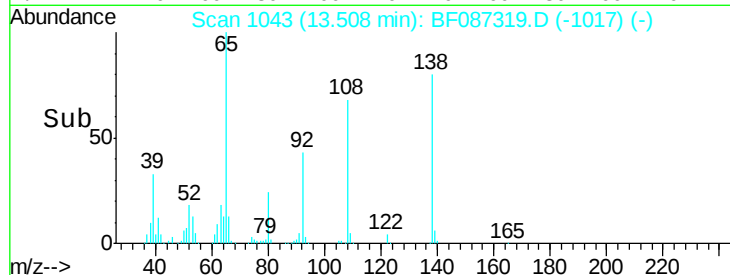
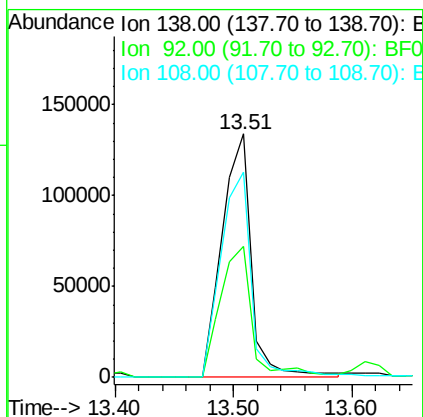
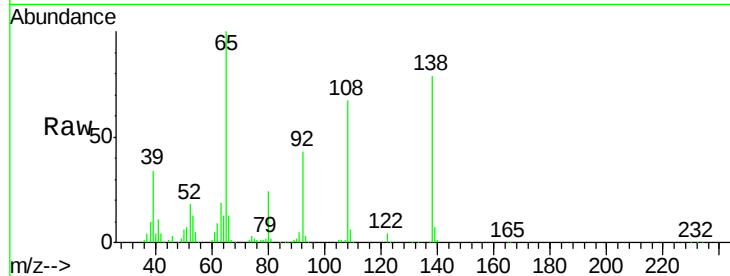




#61
4-Nitroaniline
Concen: 41.84 ng
RT: 13.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

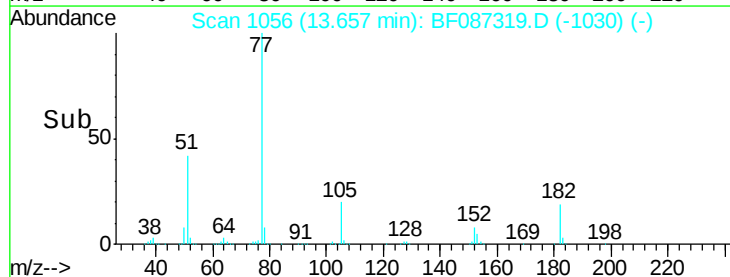
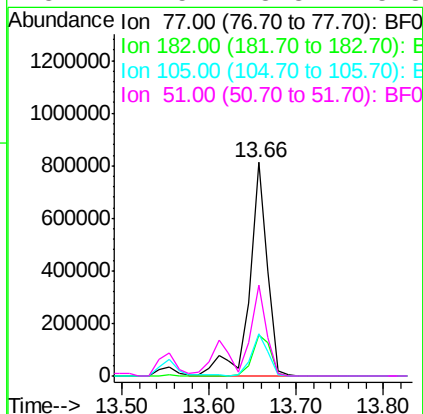
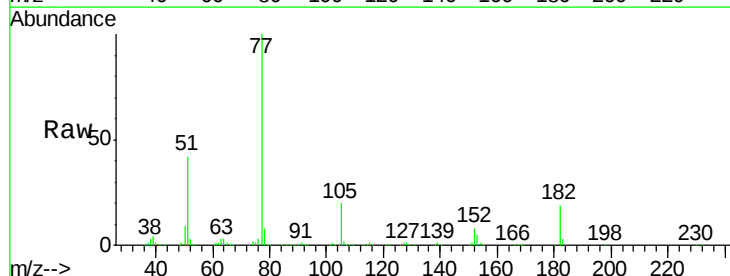
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 229790
Ion Ratio Lower Upper
138 100
92 53.6 24.7 64.7
108 84.1 37.4 77.4#



#62
Azobenzene
Concen: 40.91 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 77 Resp: 1173949
Ion Ratio Lower Upper
77 100
182 19.1 0.0 38.8
105 20.0 3.2 43.2
51 42.5 8.8 48.8

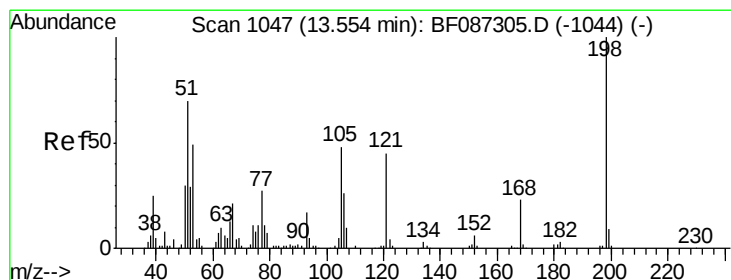
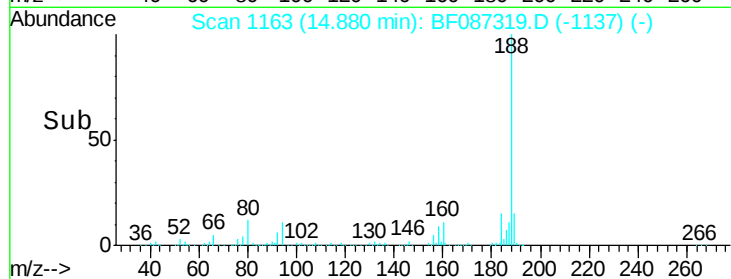
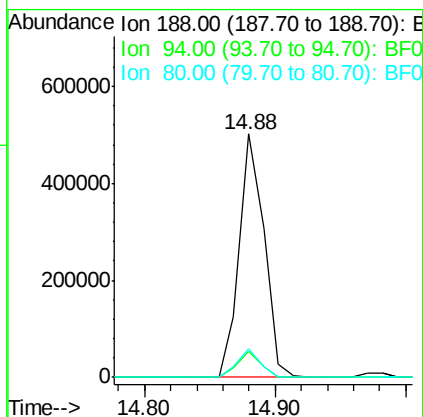
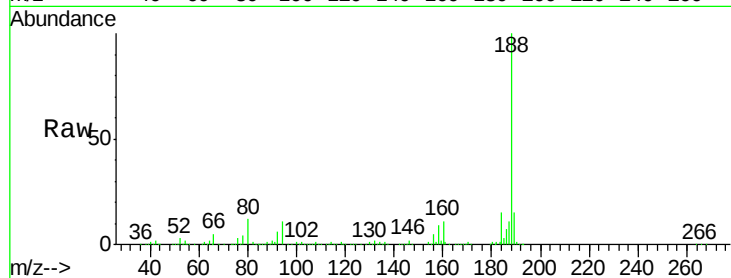




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

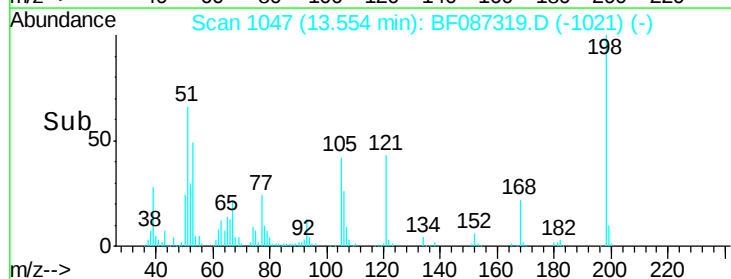
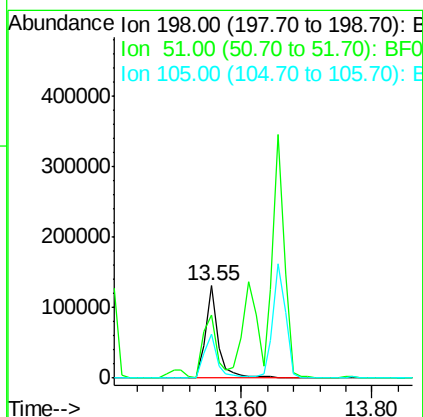
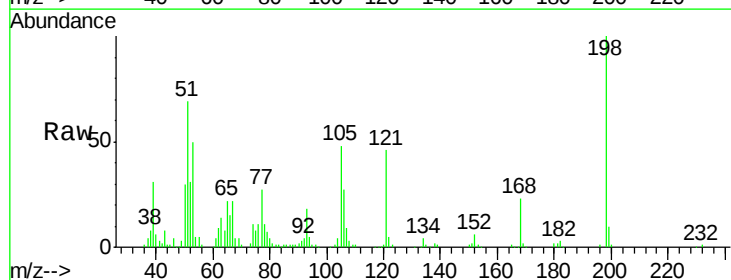
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

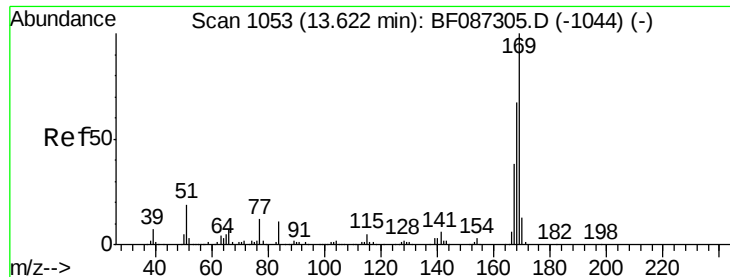
Tgt Ion:188 Resp: 664088
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.6 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.72 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:198 Resp: 180374
Ion Ratio Lower Upper
198 100
51 69.0 20.5 60.5#
105 48.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 40.18 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

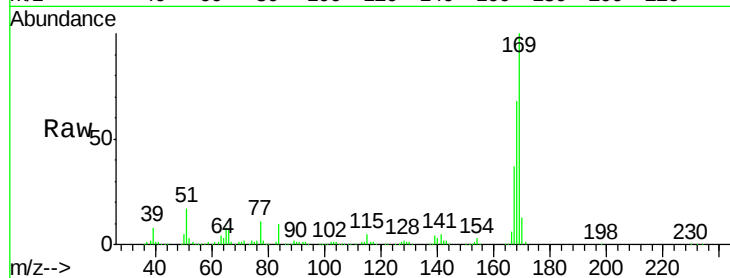
Tgt Ion:169 Resp: 862979

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

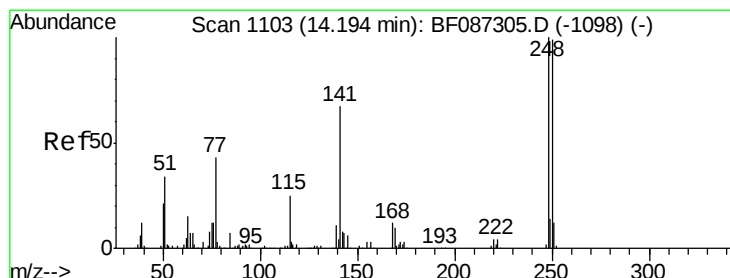
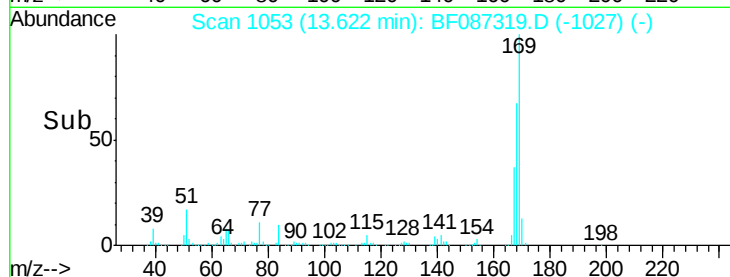
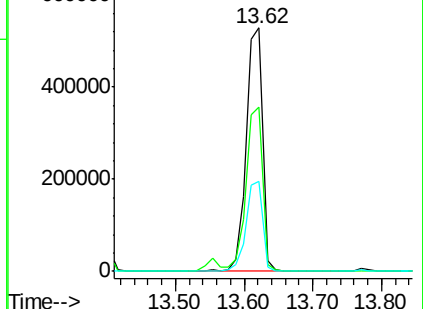
167 36.9 29.5 44.3



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: 39.67 ng

RT: 14.18 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

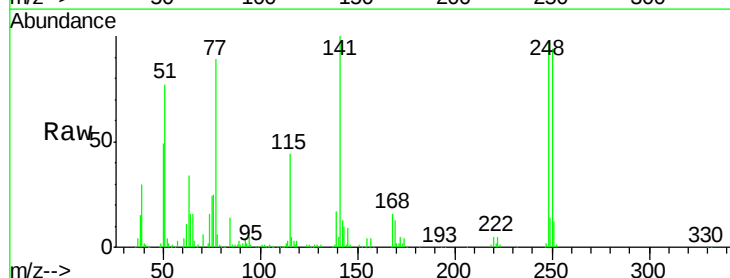
Tgt Ion:248 Resp: 288192

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

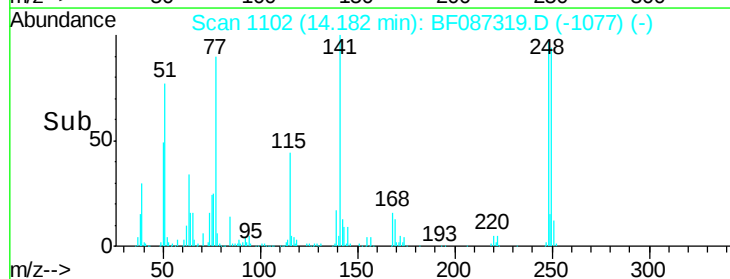
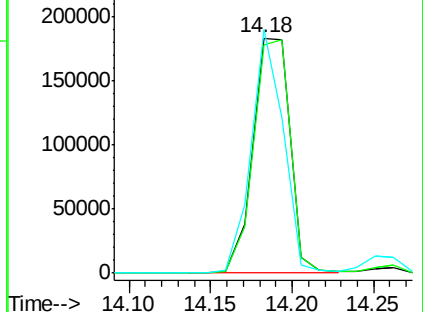
141 103.5 76.0 114.0

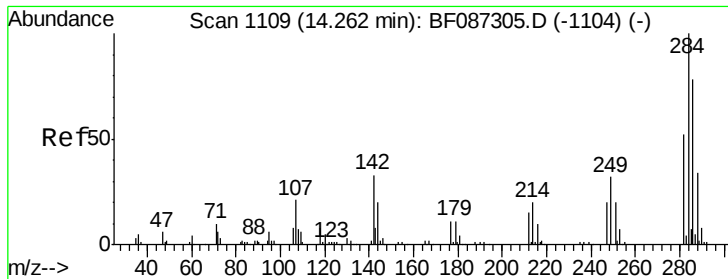


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

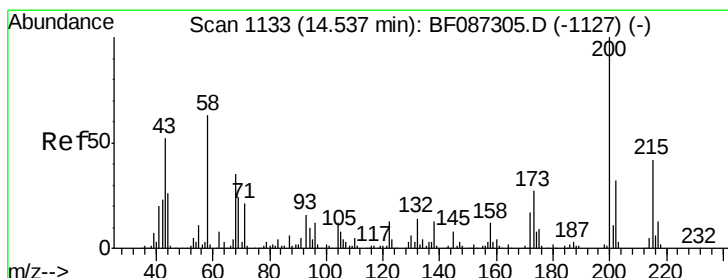
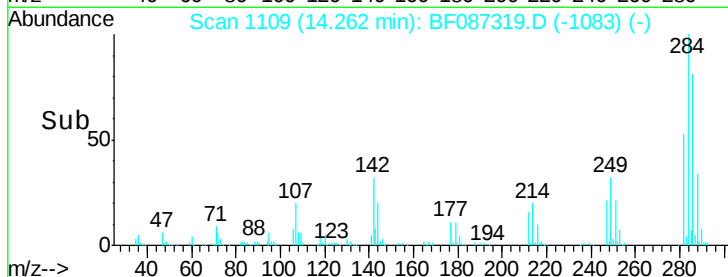
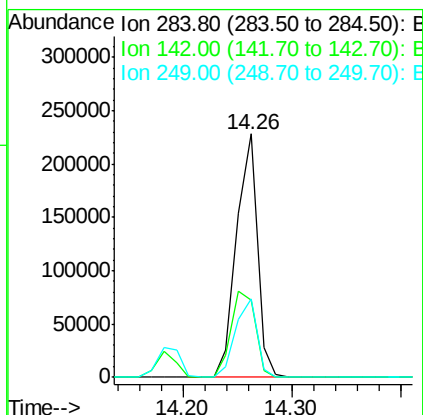
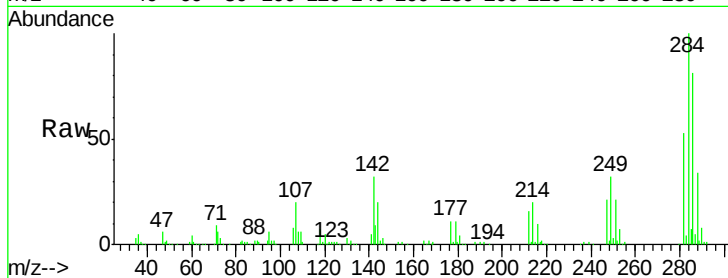




#67
Hexachlorobenzene
Concen: 39.76 ng
RT: 14.26 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

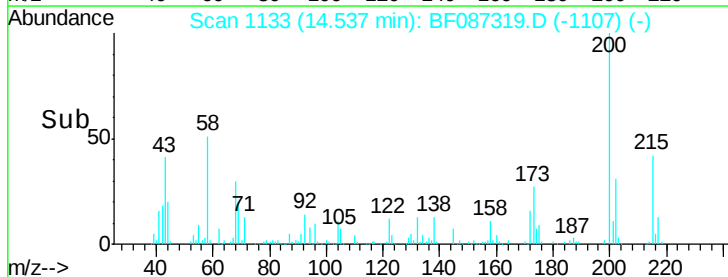
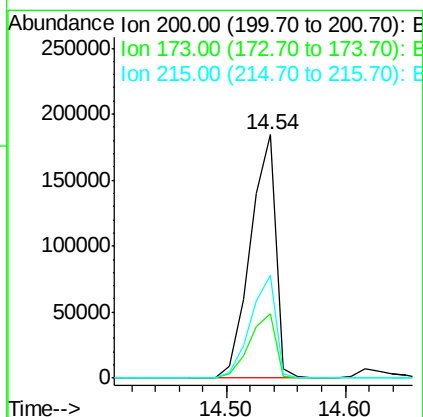
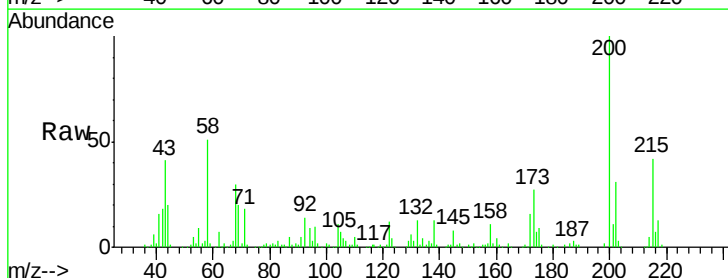
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

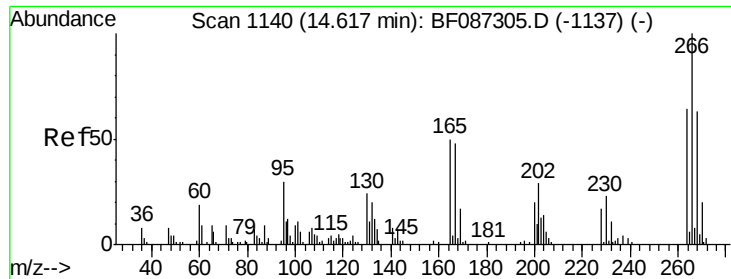
Tgt Ion: 284 Resp: 302134
Ion Ratio Lower Upper
284 100
142 31.9 16.7 25.1#
249 32.3 21.3 31.9#



#68
Atrazine
Concen: 40.36 ng
RT: 14.54 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 200 Resp: 276286
Ion Ratio Lower Upper
200 100
173 26.6 8.5 48.5
215 42.2 27.2 67.2

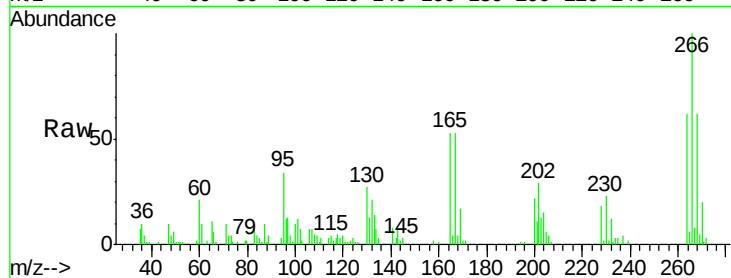




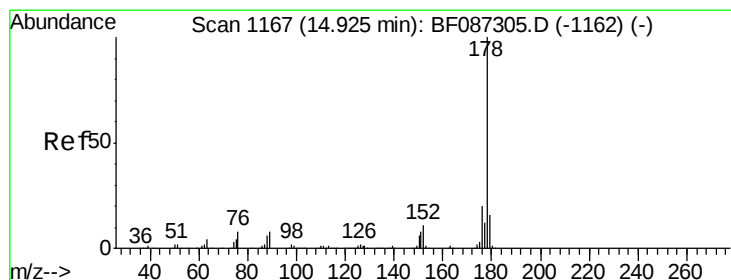
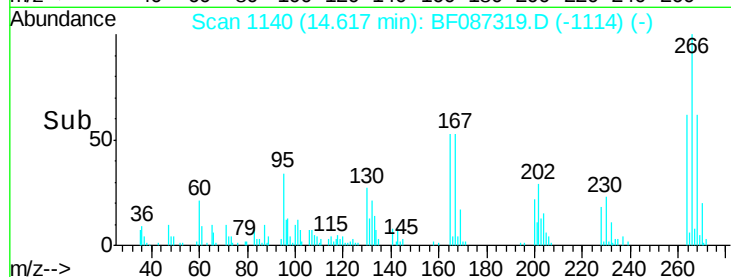
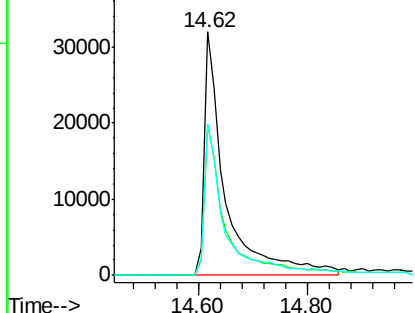
#69
 Pentachlorophenol
 Concen: 39.90 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 86302
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.5 77.3
 264 62.3 52.9 79.3

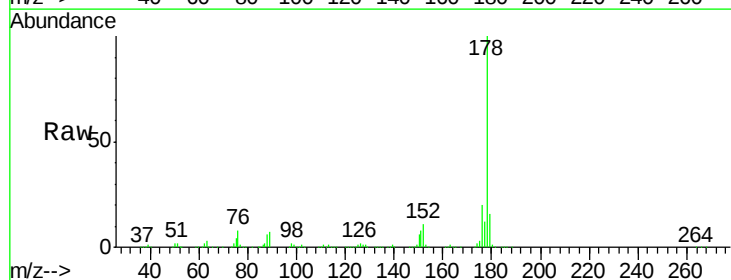


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

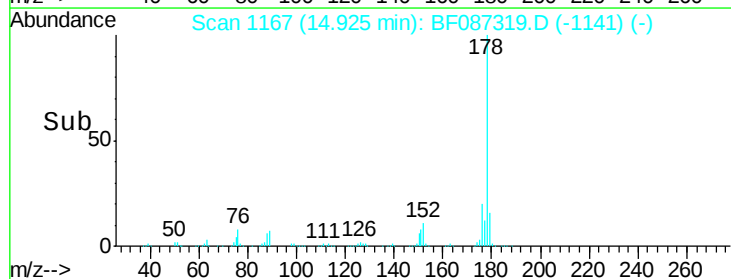
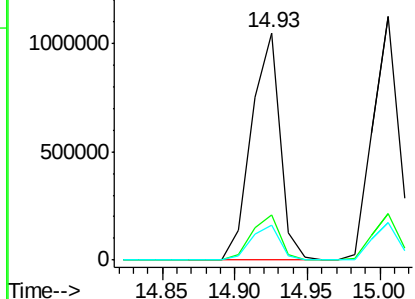


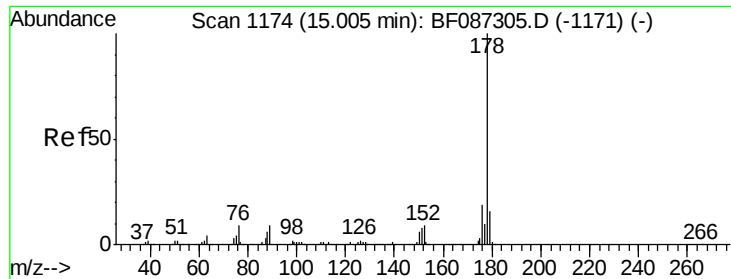
#70
 Phenanthrene
 Concen: 38.97 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion: 178 Resp: 1433634
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.7 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

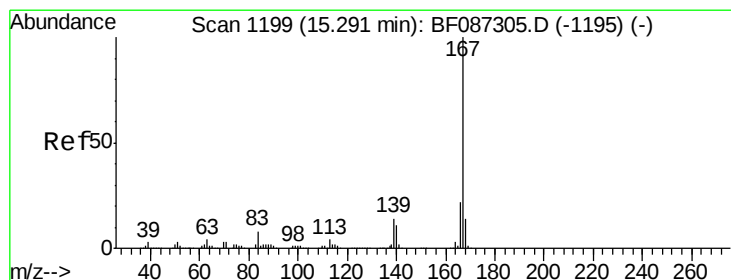
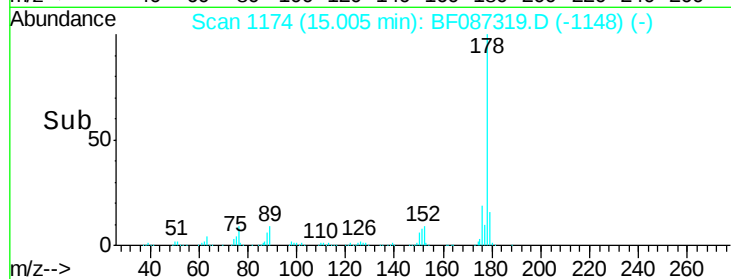
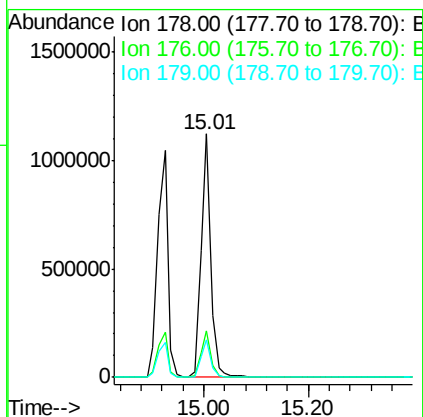
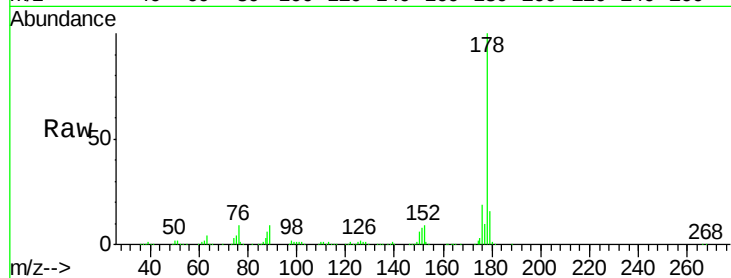




#71
 Anthracene
 Concen: 39.10 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

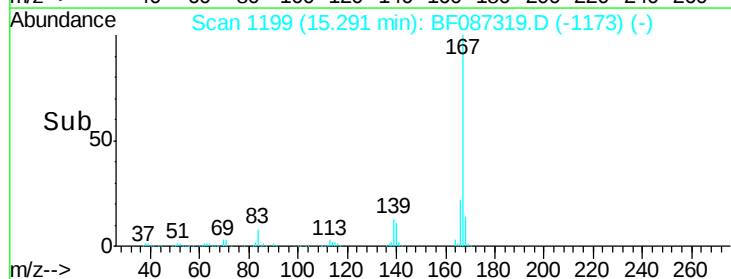
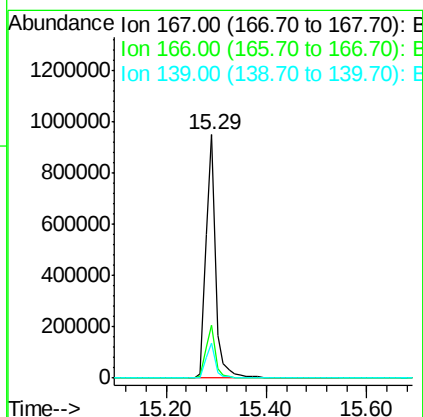
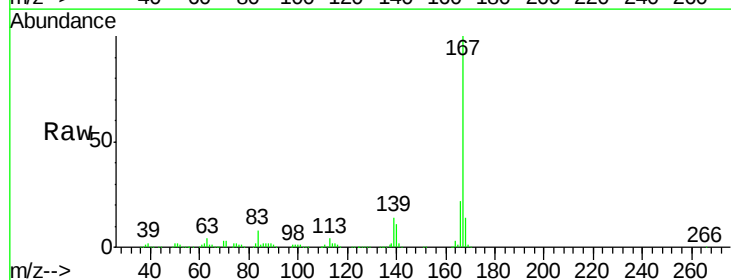
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1452790
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 40.17 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion:167 Resp: 1273205
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.74 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

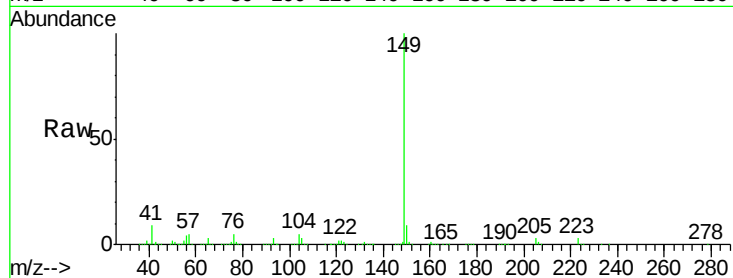
Tgt Ion:149 Resp: 1669904

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

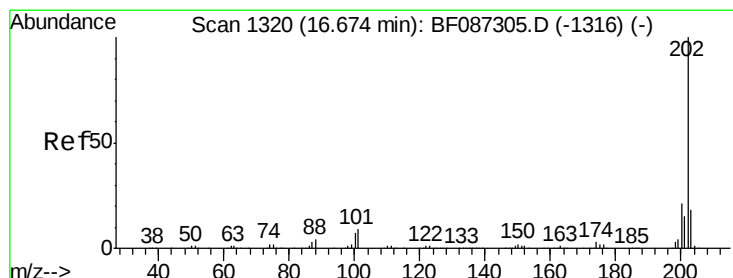
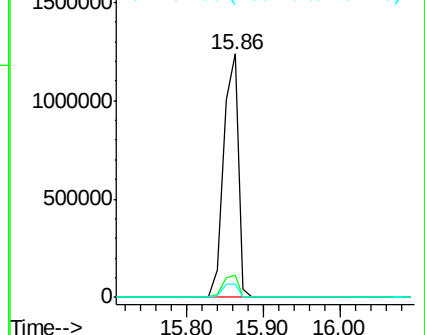
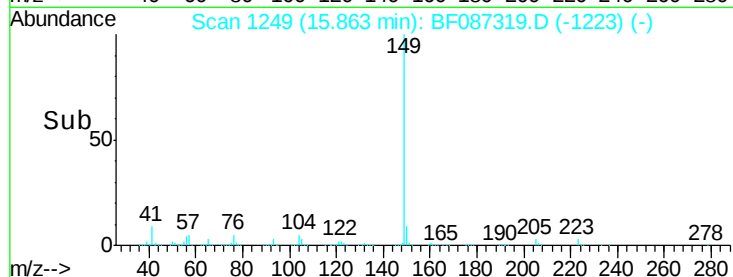
104 5.2 3.8 5.6



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: 38.92 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

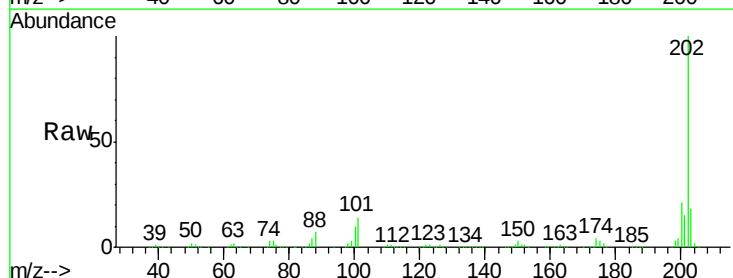
Tgt Ion:202 Resp: 1435668

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

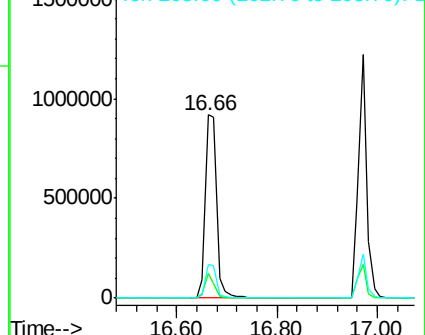
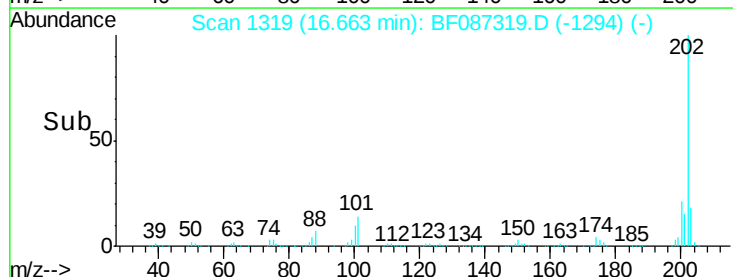
203 18.0 0.0 38.1

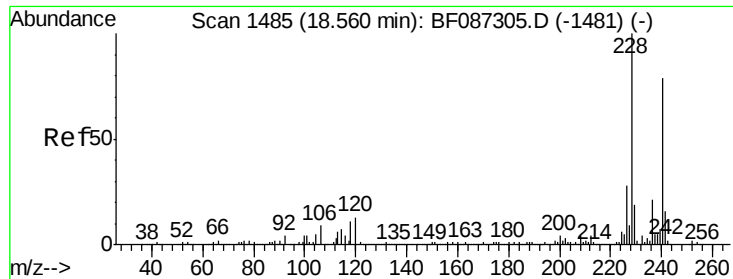


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

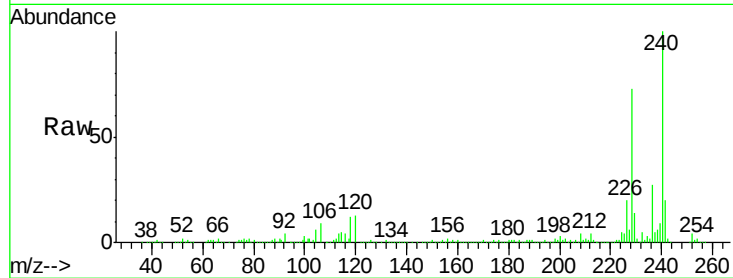
Tgt Ion:240 Resp: 482986

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

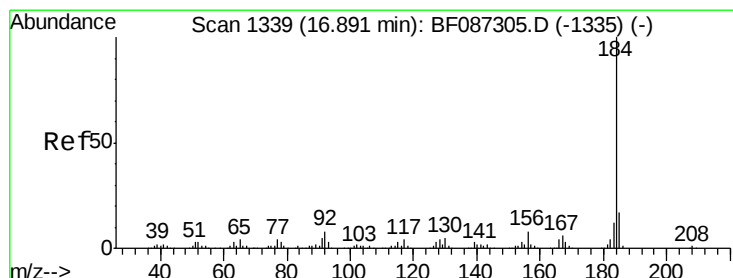
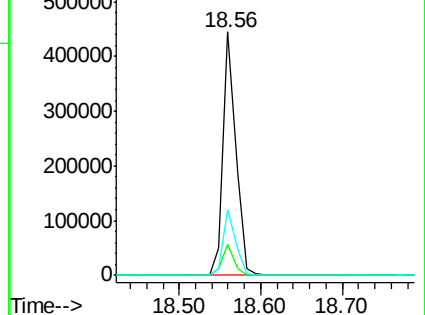
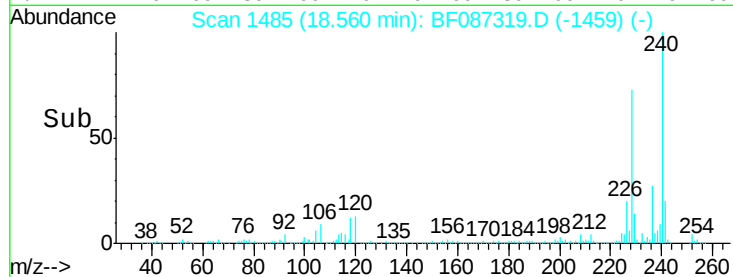
236 26.8 21.2 31.8



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: 39.55 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

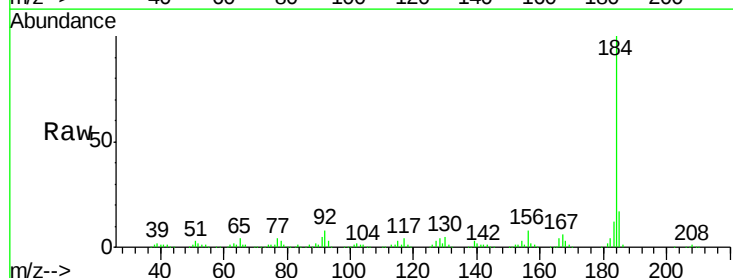
Tgt Ion:184 Resp: 491481

Ion Ratio Lower Upper

184 100

185 16.6 13.6 20.4

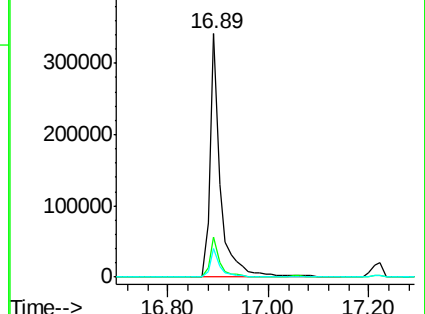
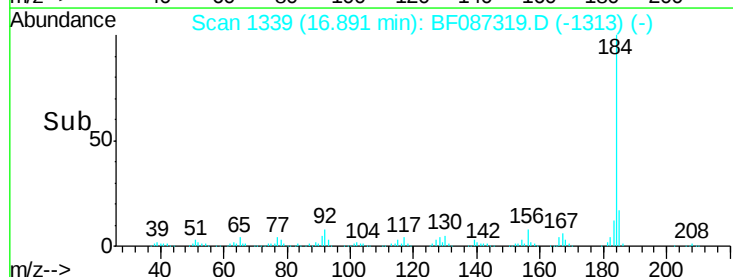
183 11.9 9.8 14.6



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

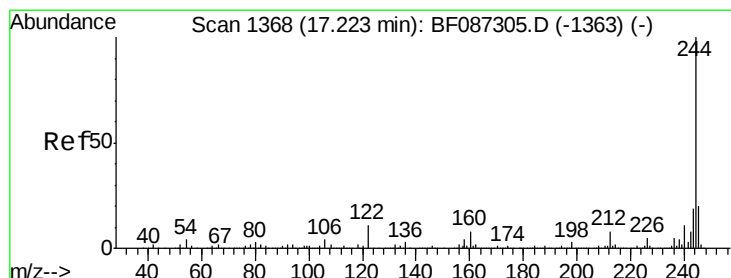
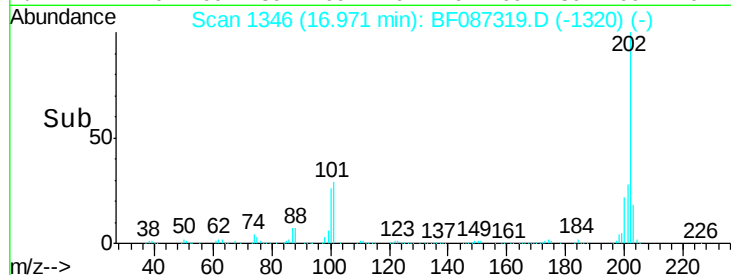
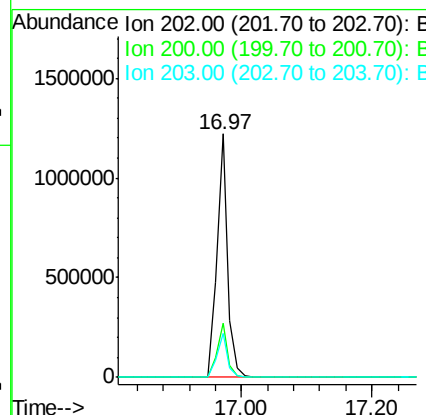
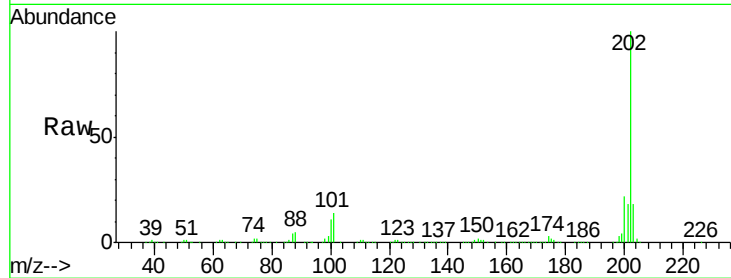




#77
 Pyrene
 Concen: 40.80 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

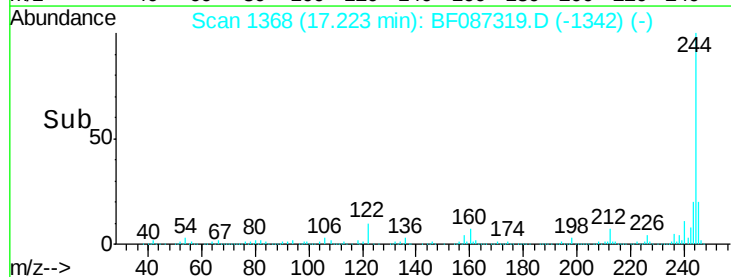
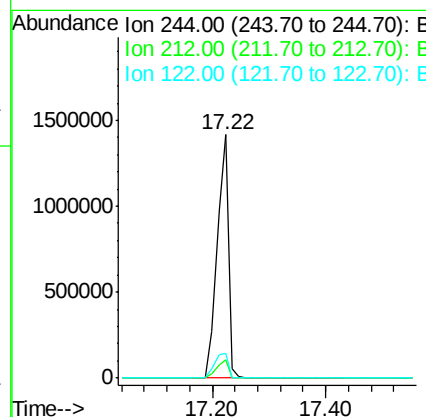
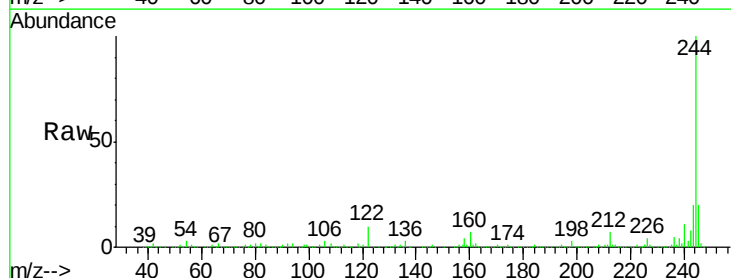
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

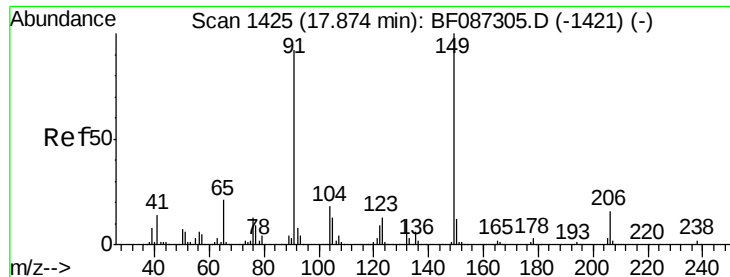
Tgt Ion: 202 Resp: 1418539
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.9 14.2 21.4



#78
 Terphenyl-d14
 Concen: 83.24 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion: 244 Resp: 1891133
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.0 12.0 18.0#

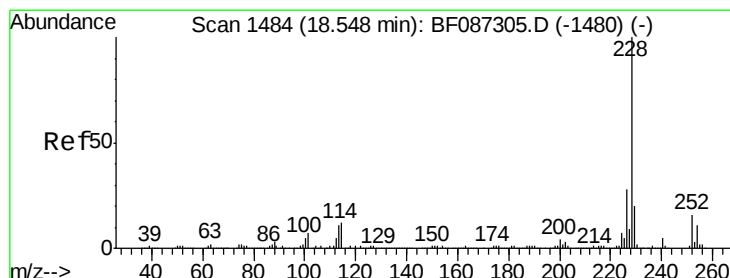
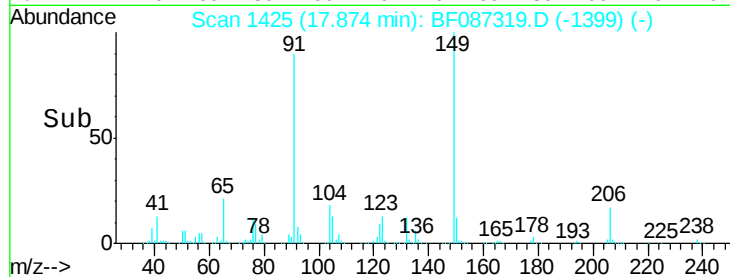
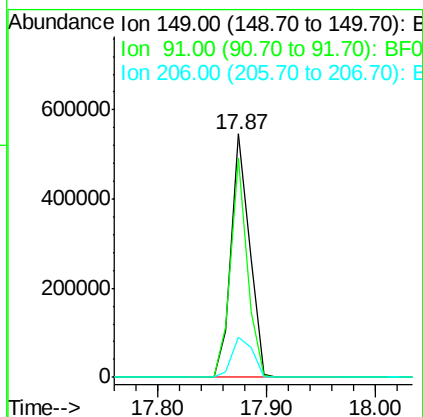
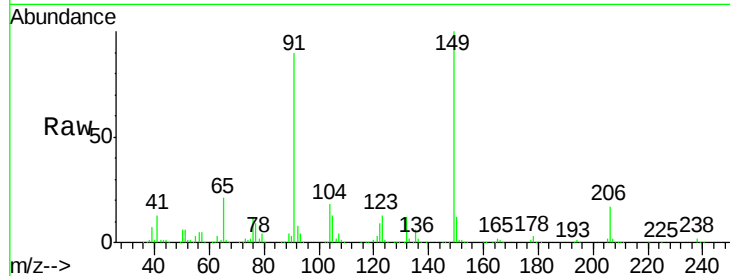




#79
Butylbenzylphthalate
Concen: 41.16 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

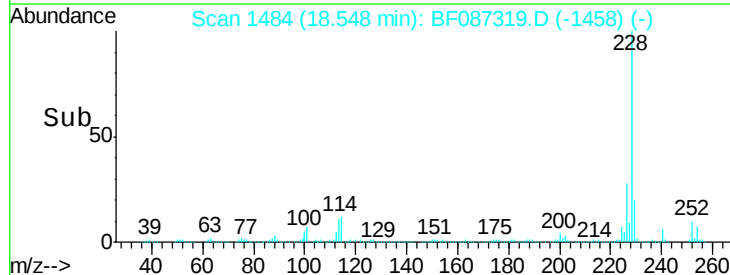
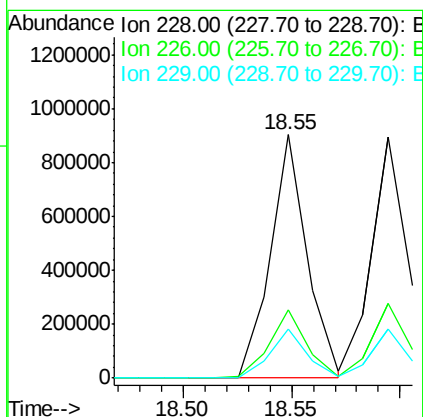
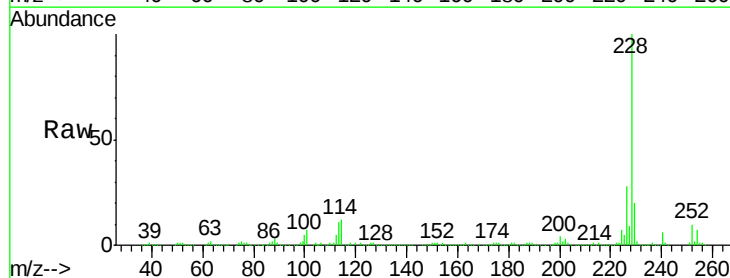
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 634590
Ion Ratio Lower Upper
149 100
91 89.9 48.0 72.0#
206 16.7 15.8 23.6



#80
Benzo(a)anthracene
Concen: 38.88 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:228 Resp: 1068257
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 20.1 16.6 25.0

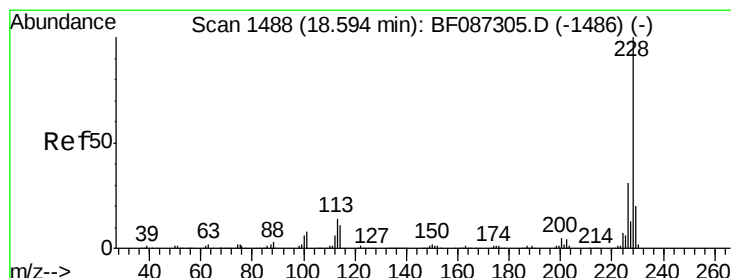
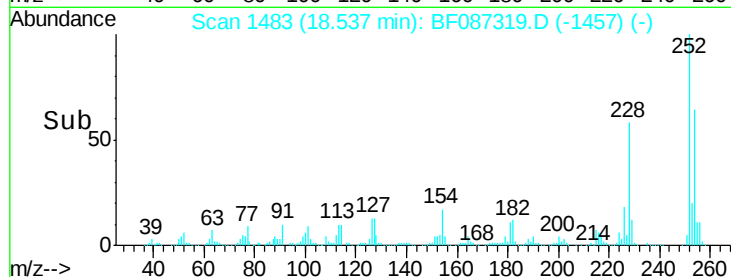
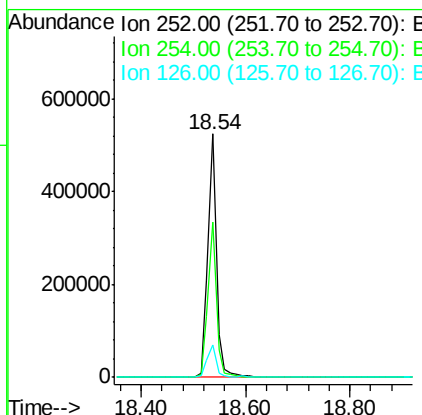
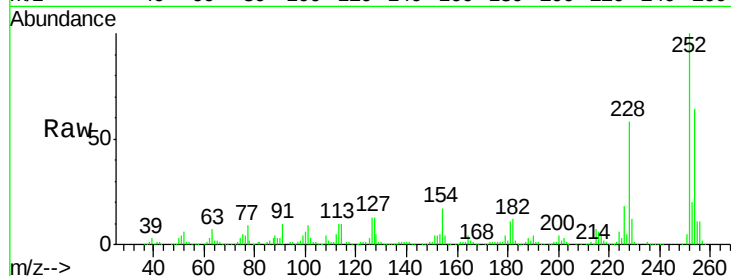




#81
 3,3'-Dichlorobenzidine
 Concen: 39.86 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

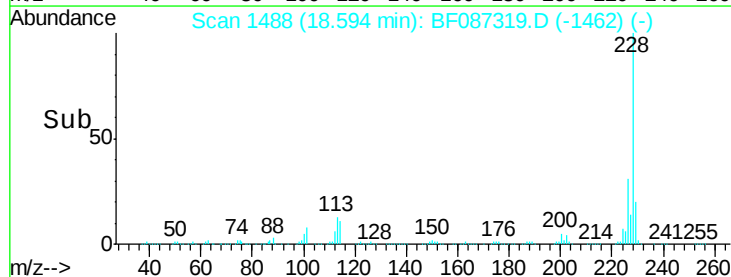
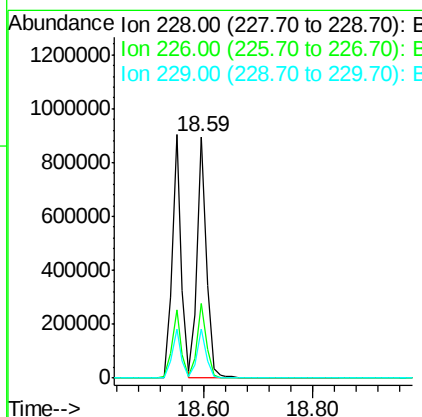
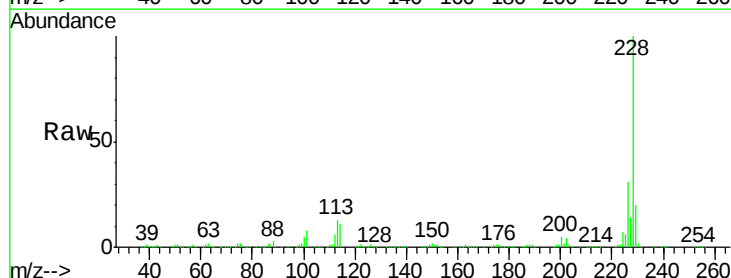
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

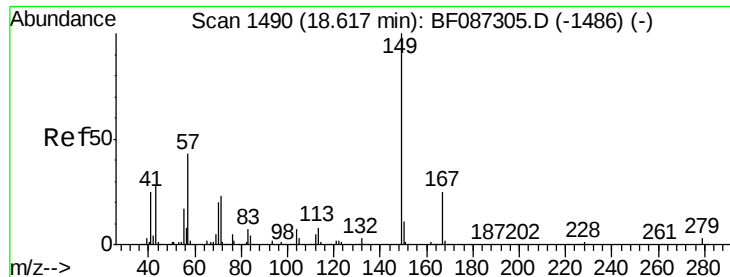
Tgt Ion: 252 Resp: 604915
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.7 76.1
 126 13.4 12.7 19.1



#82
 Chrysene
 Concen: 38.92 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion: 228 Resp: 1061061
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.1 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.18 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

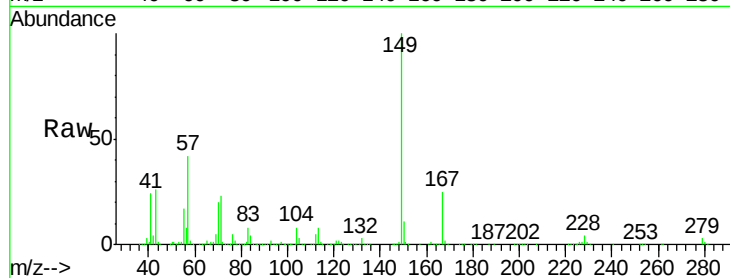
Tgt Ion:149 Resp: 926513

Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.6

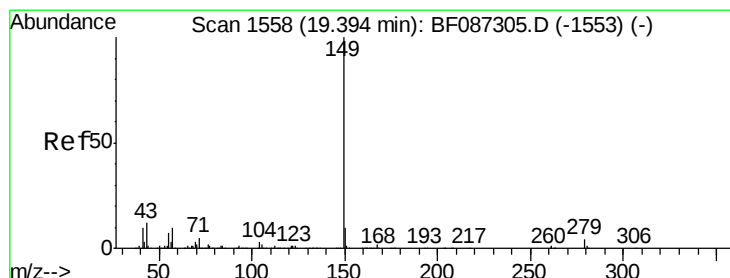
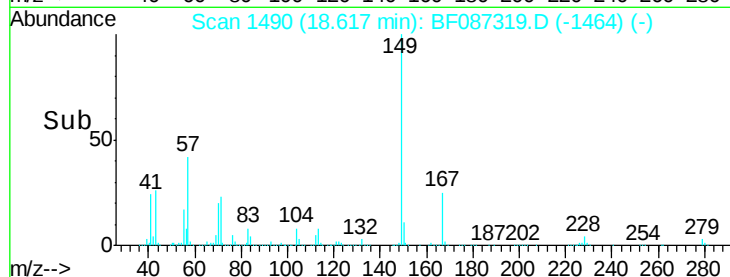
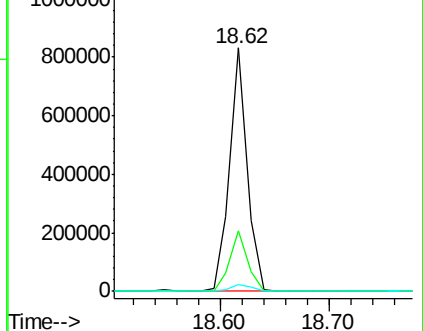
279 2.6 2.6 4.0#



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: 42.49 ng

RT: 19.39 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

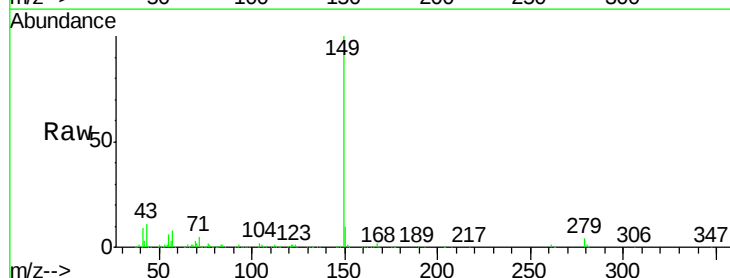
Tgt Ion:149 Resp: 1457778

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

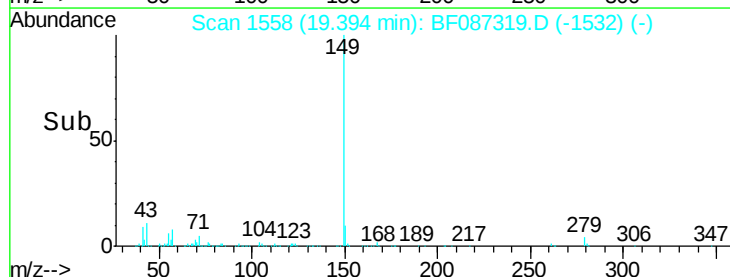
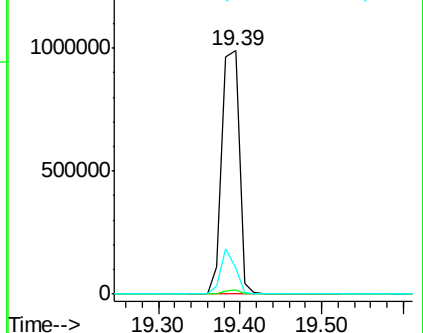
43 15.8 8.2 12.4#

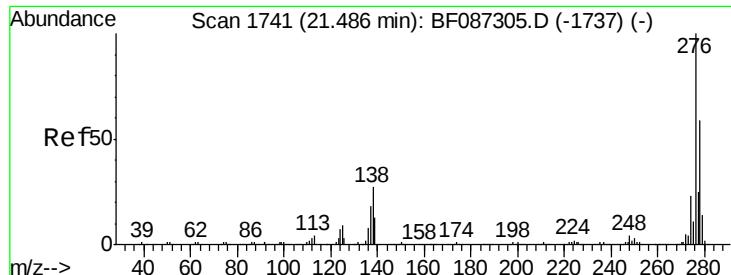


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

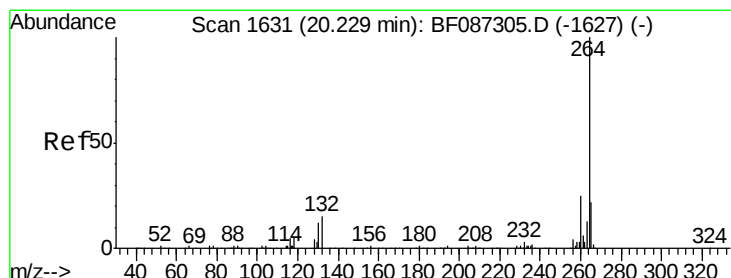
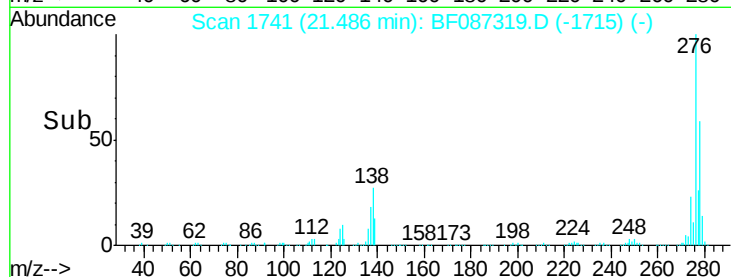
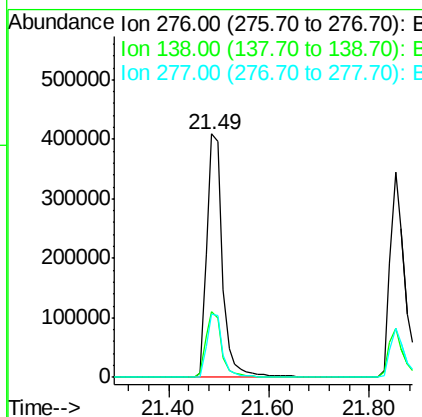
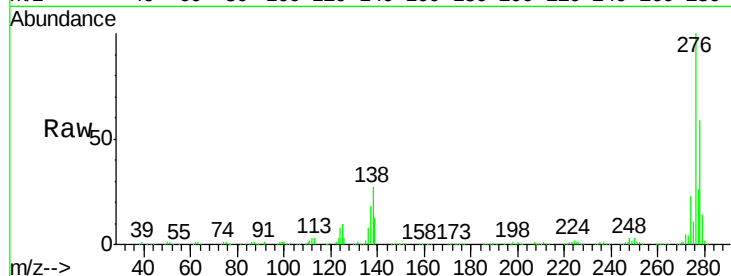




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.81 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

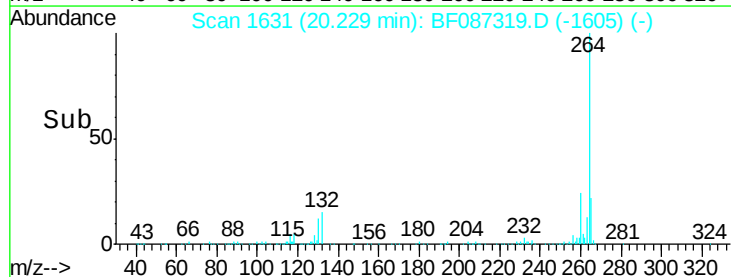
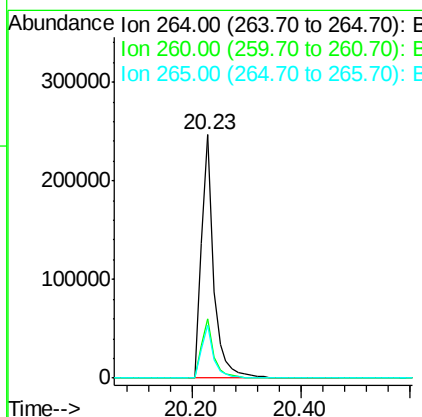
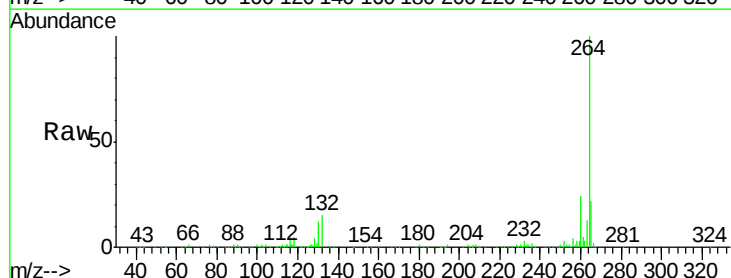
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

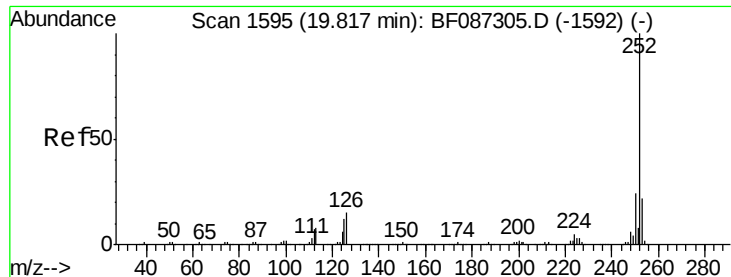
Tgt Ion: 276 Resp: 892044
 Ion Ratio Lower Upper
 276 100
 138 27.3 25.6 38.4
 277 25.9 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion: 264 Resp: 380612
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 74.67 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

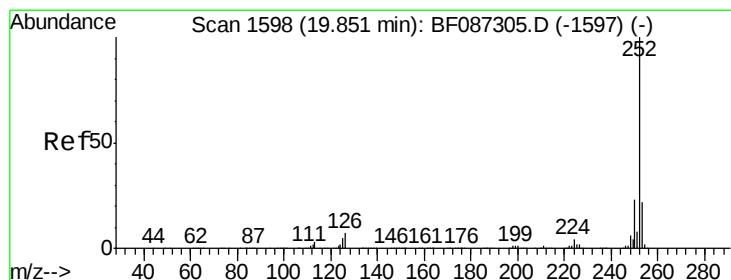
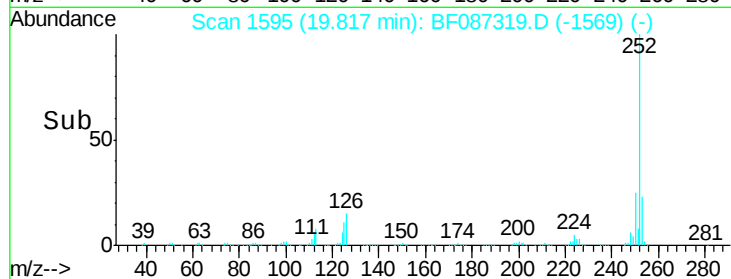
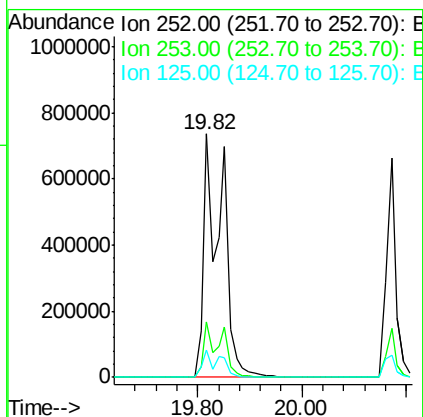
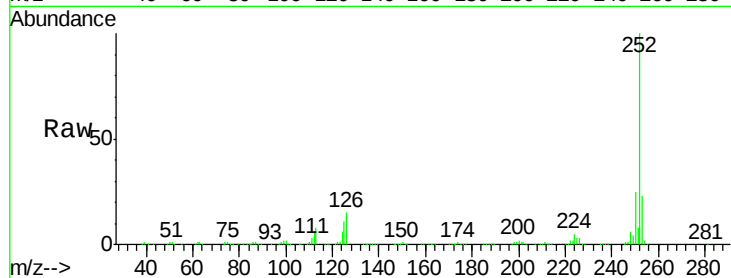
Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 1810422

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.5	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 86.80 ng

RT: 19.82 min Scan# 1595

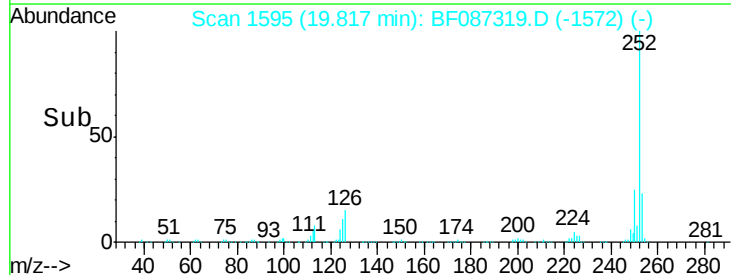
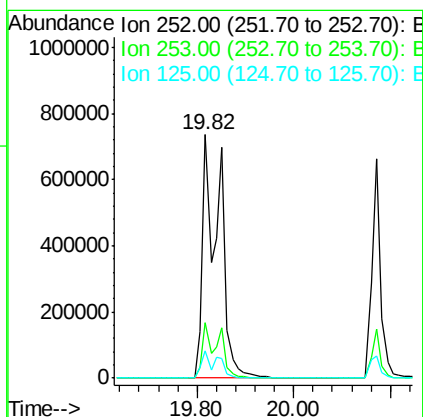
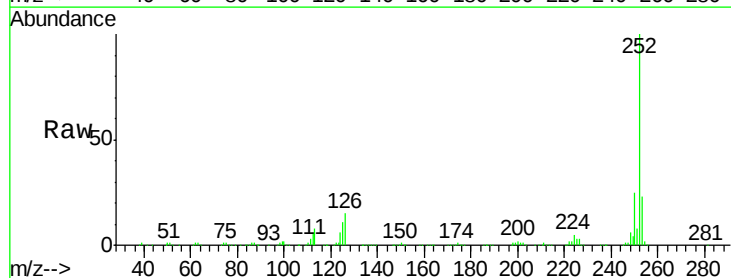
Delta R.T. -0.03 min

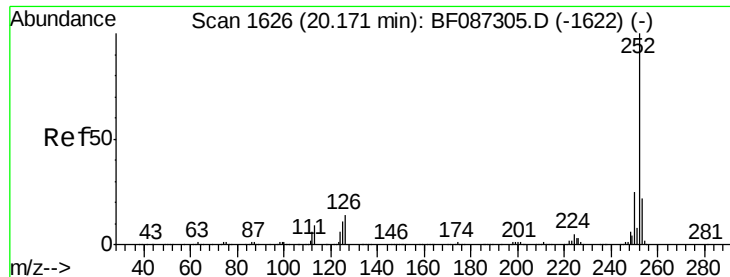
Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:252 Resp: 1811394

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.5	9.1	13.7





#89

Benzo(a)pyrene

Concen: 40.14 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

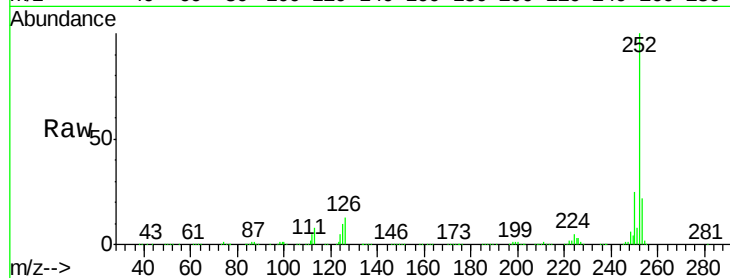
Tgt Ion:252 Resp: 841752

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

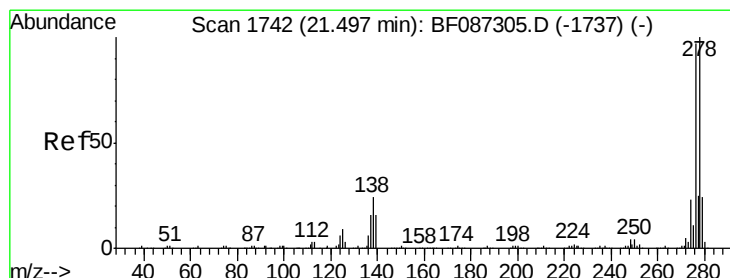
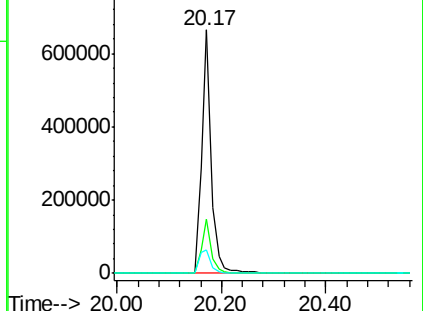
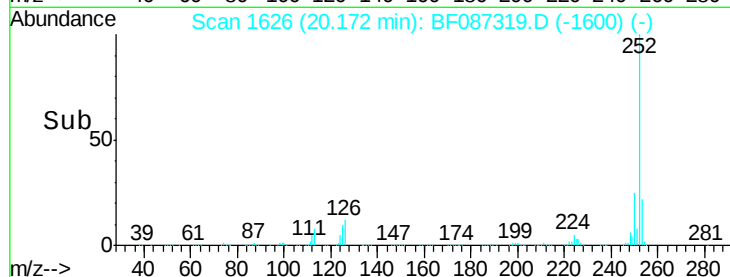
125 9.9 9.0 13.6



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: 41.87 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

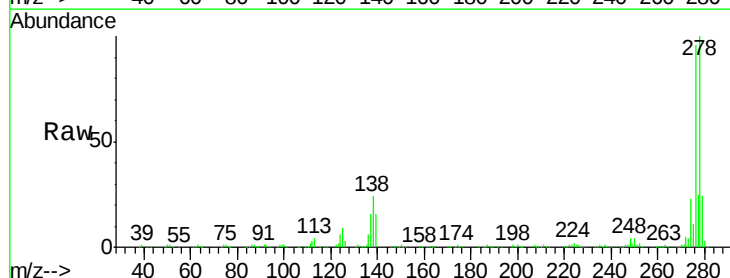
Tgt Ion:278 Resp: 748813

Ion Ratio Lower Upper

278 100

139 16.2 16.6 24.8#

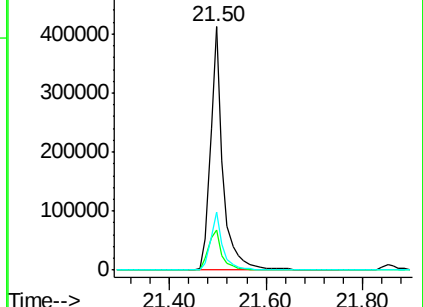
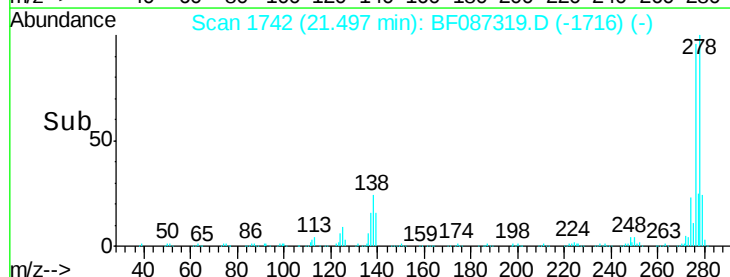
279 23.8 19.6 29.4

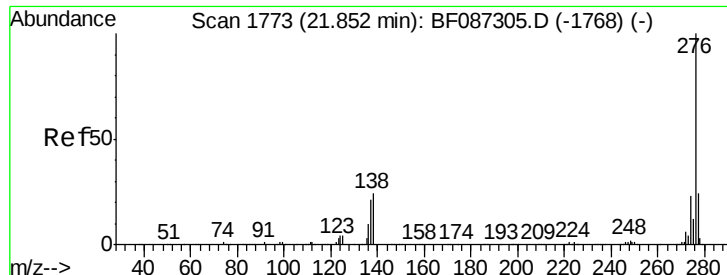


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.43 ng

RT: 21.85 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

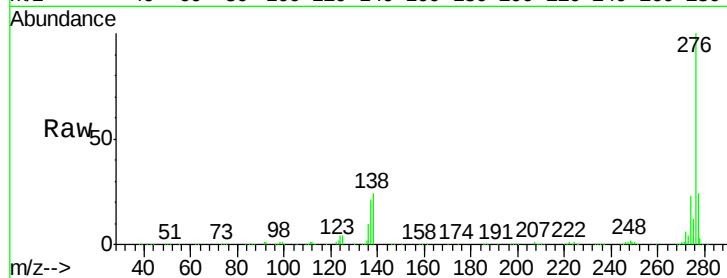
Tgt Ion: 276 Resp: 748721

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 24.0 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

