

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087309.D
 Acq On : 23 May 2016 19:59
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

Quant Time: May 24 01:06:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 00:59:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	131282	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	547563	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	252497	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	468308	20.00	ng	0.00
75) Chrysene-d12	18.56	240	372570	20.00	ng	0.00
86) Perylene-d12	20.23	264	282000	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	632294	80.73	ng	0.00
7) Phenol-d6	7.15	99	786343	75.58	ng	-0.01
23) Nitrobenzene-d5	8.54	82	852466	76.97	ng	0.00
41) 2,4,6-Tribromophenol	13.77	330	179499	66.01	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1356749	87.45	ng	0.00
78) Terphenyl-d14	17.21	244	1281909	75.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	150202	37.71	ng	# 73
3) Pyridine	2.56	79	334465	35.13	ng	# 65
4) n-Nitrosodimethylamine	2.52	42	267344	39.37	ng	# 49
6) Aniline	7.12	93	535706	40.20	ng	92
8) 2-Chlorophenol	7.29	128	377743	39.90	ng	91
9) Benzaldehyde	6.94	77	192484	32.55	ng	98
10) Phenol	7.18	94	403682	31.91	ng	87
11) bis(2-Chloroethyl)ether	7.26	93	358637	36.30	ng	88
12) 1,3-Dichlorobenzene	7.64	146	415698	41.34	ng	96
13) 1,4-Dichlorobenzene	7.64	146	415501	40.25	ng	97
14) 1,2-Dichlorobenzene	7.87	146	390324	42.45	ng	98
15) Benzyl Alcohol	7.91	79	314778	40.61	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.10	45	806183	39.59	ng	91
17) 2-Methylphenol	8.11	107	295183	38.17	ng	# 82
18) Hexachloroethane	8.39	117	156597	39.88	ng	99
19) n-Nitroso-di-n-propylamine	8.33	70	300183	38.34	ng	# 72
20) 3+4-Methylphenols	8.38	107	379450	37.49	ng	# 61
22) Acetophenone	8.30	105	549107	41.18	ng	# 95
24) Nitrobenzene	8.56	77	457314	38.44	ng	98
25) Isophorone	8.96	82	760124	37.88	ng	97
26) 2-Nitrophenol	9.06	139	191071	38.28	ng	# 72
27) 2,4-Dimethylphenol	9.20	122	324244	38.22	ng	89
28) bis(2-Chloroethoxy)methane	9.34	93	440454	40.39	ng	99
29) 2,4-Dichlorophenol	9.47	162	292888	38.90	ng	97
30) 1,2,4-Trichlorobenzene	9.56	180	331619	39.56	ng	96
31) Naphthalene	9.68	128	1076614	40.01	ng	100
32) Benzoic acid	9.52	122	135042	27.61	ng	# 80
33) 4-Chloroaniline	9.82	127	402715	36.74	ng	# 92
34) Hexachlorobutadiene	9.90	225	202046	42.02	ng	99
35) Caprolactam	10.46	113	90895	38.30	ng	# 49
36) 4-Chloro-3-methylphenol	10.67	107	330662	36.68	ng	94
37) 2-Methylnaphthalene	10.80	142	668933	38.84	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	322504	42.67	ng	100
40) Hexachlorocyclopentadiene	11.05	237	92986	39.68	ng	97

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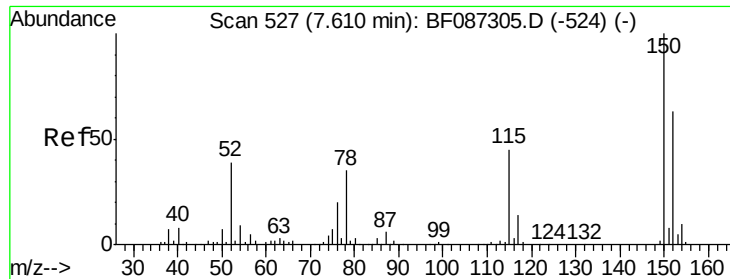
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: May 24 01:06:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.30	196	186252	38.87	ng	94
43) 2,4,5-Trichlorophenol	11.38	196	190878	38.70	ng	# 93
45) 1,1'-Biphenyl	11.58	154	876738	41.63	ng	97
46) 2-Chloronaphthalene	11.59	162	632125	38.98	ng	92
47) 2-Nitroaniline	11.80	65	237570	38.86	ng	# 80
48) Acenaphthylene	12.25	152	1035223	41.47	ng	99
49) Dimethylphthalate	12.13	163	775186	39.88	ng	100
50) 2,6-Dinitrotoluene	12.22	165	161749	39.21	ng	# 80
51) Acenaphthene	12.54	154	621415	39.93	ng	97
52) 3-Nitroaniline	12.49	138	169564	37.96	ng	99
53) 2,4-Dinitrophenol	12.70	184	66237	32.62	ng	# 83
54) Dibenzofuran	12.82	168	842579	41.62	ng	100
55) 4-Nitrophenol	12.87	139	81353	42.55	ng	# 49
56) 2,4-Dinitrotoluene	12.88	165	217689	40.52	ng	92
57) Fluorene	13.37	166	714447	43.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	145620	37.74	ng	99
59) Diethylphthalate	13.27	149	774357	42.22	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	344066	44.79	ng	99
61) 4-Nitroaniline	13.49	138	153257	35.20	ng	# 68
62) Azobenzene	13.66	77	827550	39.18	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	116063	37.65	ng	# 65
65) n-Nitrosodiphenylamine	13.61	169	583634	39.58	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	200181	40.61	ng	99
67) Hexachlorobenzene	14.25	284	207902	37.73	ng	# 67
68) Atrazine	14.53	200	176226	36.73	ng	95
69) Pentachlorophenol	14.62	266	52767	26.63	ng	97
70) Phenanthrene	14.91	178	999887	39.51	ng	100
71) Anthracene	15.01	178	1045407	39.96	ng	99
72) Carbazole	15.28	167	882183	37.99	ng	98
73) Di-n-butylphthalate	15.85	149	1162028	42.71	ng	# 98
74) Fluoranthene	16.66	202	1000649	38.93	ng	97
76) Benzidine	16.89	184	389474	39.69	ng	99
77) Pyrene	16.97	202	1043795	38.88	ng	100
79) Butylbenzylphthalate	17.87	149	458164	40.18	ng	# 73
80) Benzo(a)anthracene	18.55	228	801920	36.97	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	561151	41.72	ng	# 97
82) Chrysene	18.59	228	826694	39.65	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	678900	47.28	ng	97
84) Di-n-octyl phthalate	19.38	149	1056855	42.92	ng	# 85
85) Indeno(1,2,3-cd)pyrene	21.49	276	625412	34.43	ng	96
87) Benzo(b)fluoranthene	19.82	252	1357027	70.45	ng	# 96
88) Benzo(k)fluoranthene	19.82	252	1358096	100.78	ng	98
89) Benzo(a)pyrene	20.17	252	631154	40.55	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	531104	40.23	ng	# 93
91) Benzo(g,h,i)perylene	21.85	276	524623	39.62	ng	# 92

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

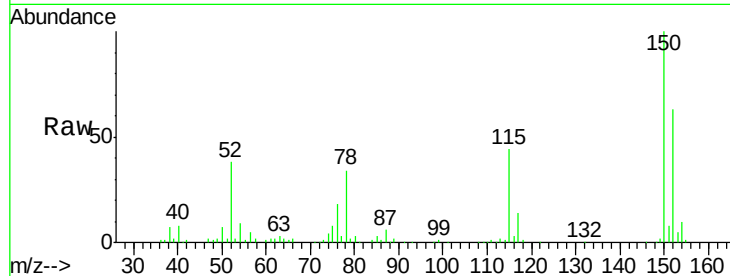


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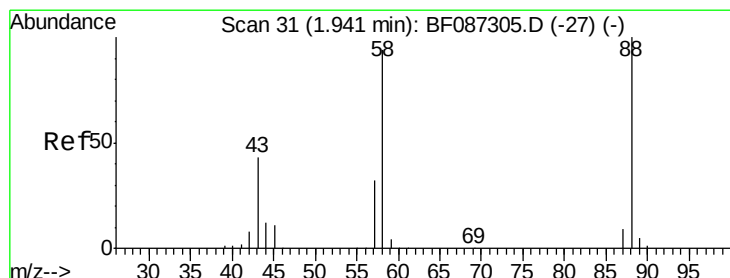
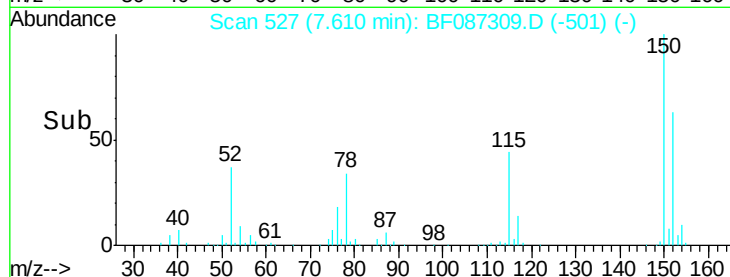
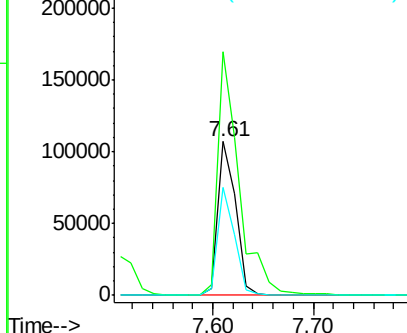
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Instrument :
BNA_F
ClientSampleId :
ICVBF052316

Tgt Ion:152 Resp: 131282
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 70.0 51.5 77.3



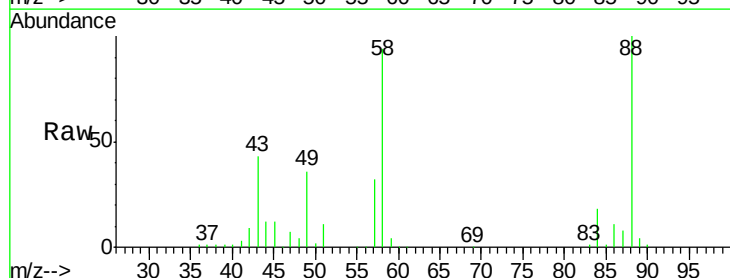
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



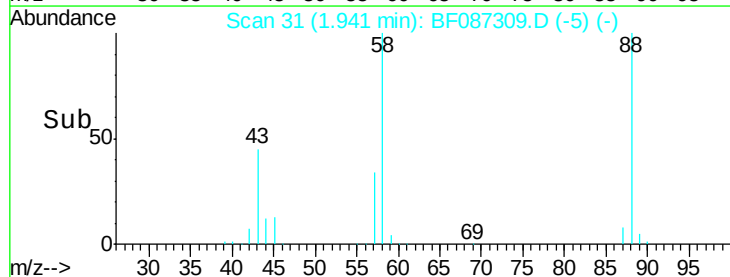
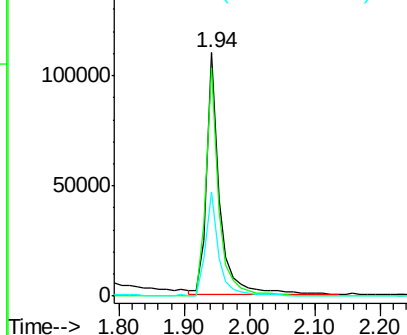
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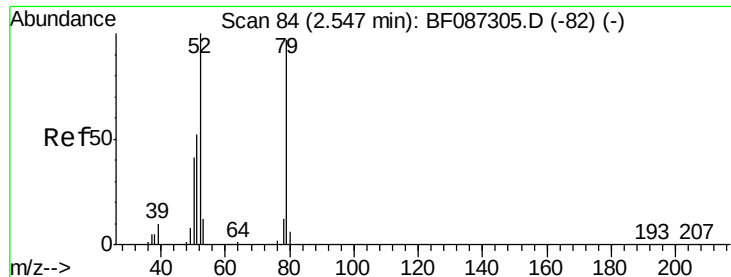
1,4-Dioxane
Concen: 37.71 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion: 88 Resp: 150202
Ion Ratio Lower Upper
88 100
58 94.7 59.6 89.4#
43 44.9 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: 35.13 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

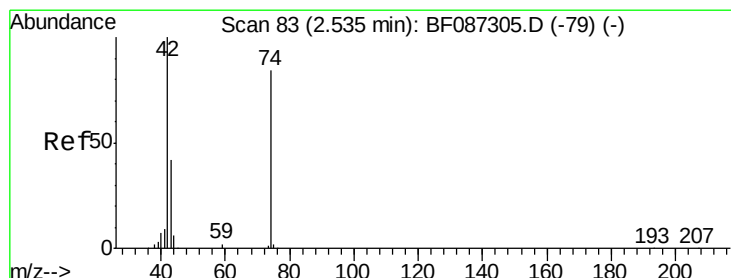
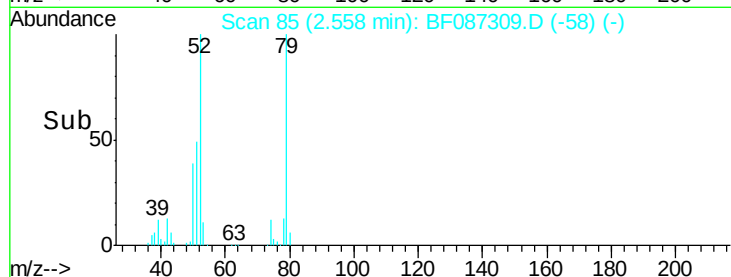
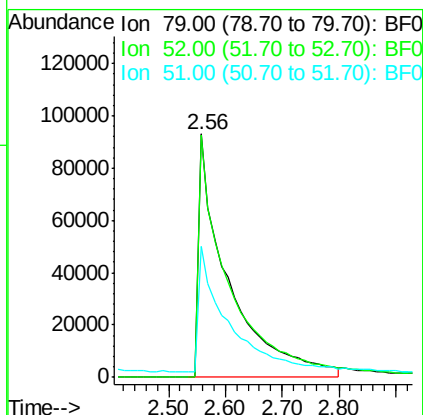
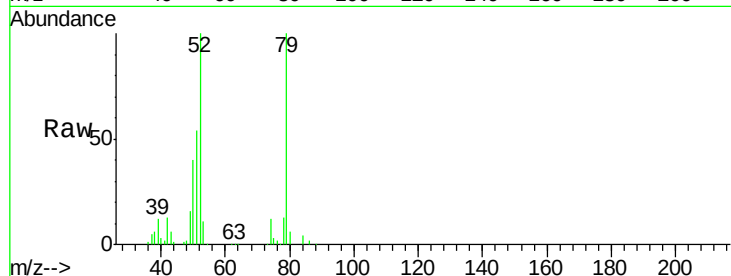
Tgt Ion: 79 Resp: 334465

Ion Ratio Lower Upper

79 100

52 99.5 55.9 83.9#

51 54.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.37 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

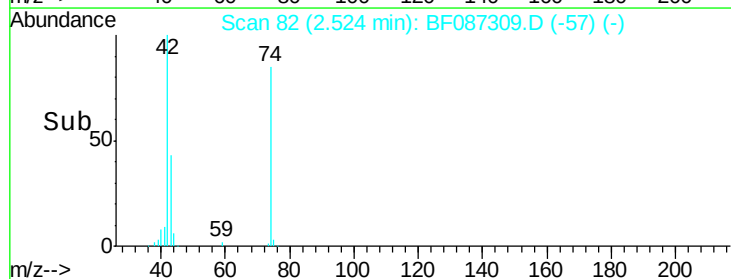
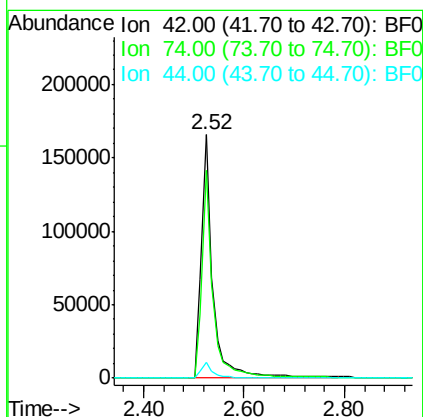
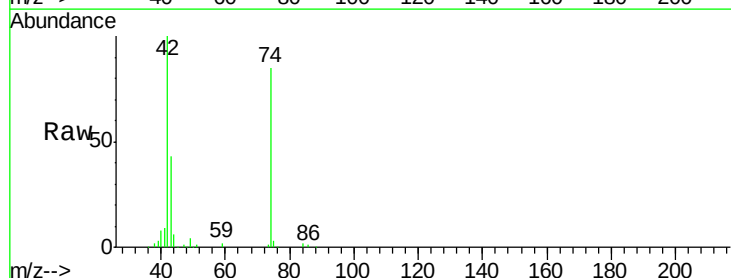
Tgt Ion: 42 Resp: 267344

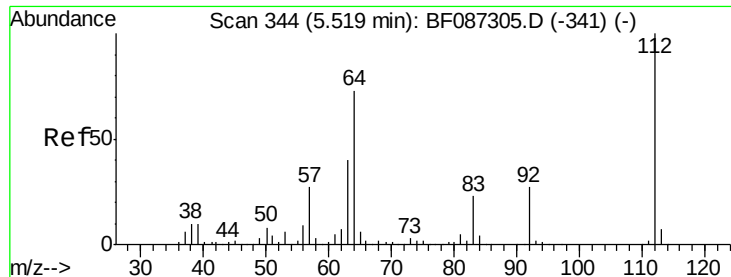
Ion Ratio Lower Upper

42 100

74 85.5 123.4 185.0#

44 6.5 5.8 8.6

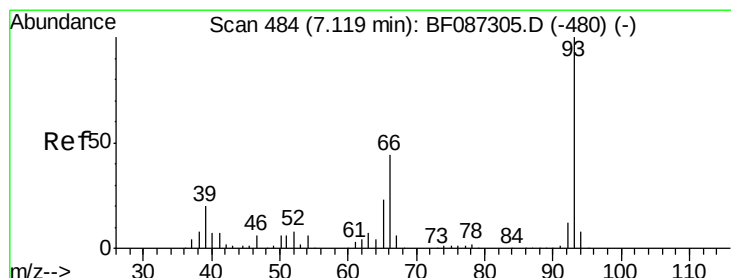
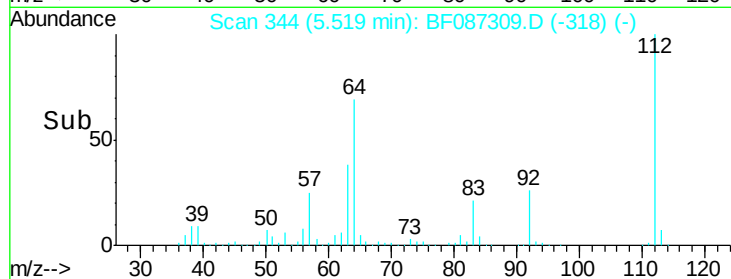
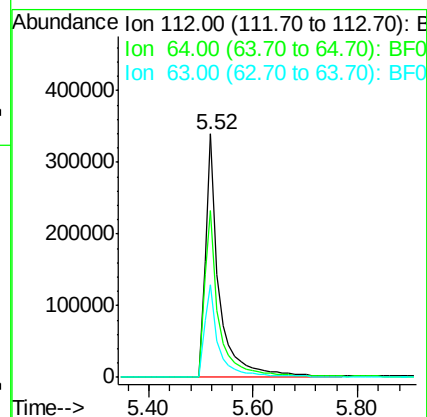
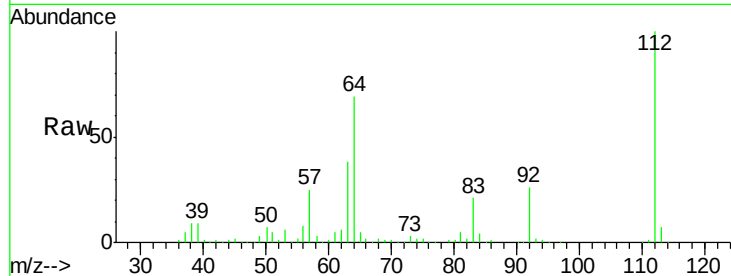




#5
 2-Fluorophenol
 Concen: 80.73 ng
 RT: 5.52 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

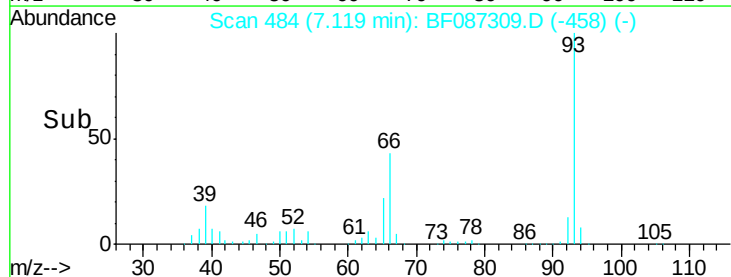
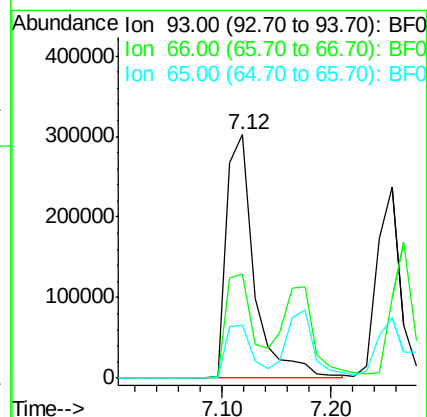
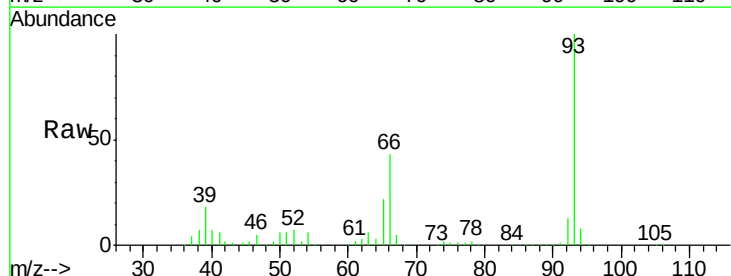
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

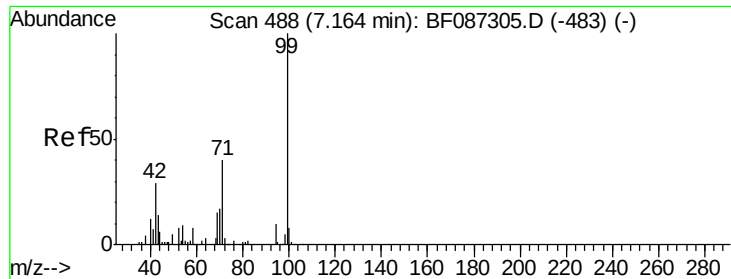
Tgt Ion: 112 Resp: 632294
 Ion Ratio Lower Upper
 112 100
 64 68.5 52.1 78.1
 63 38.2 25.7 38.5



#6
 Aniline
 Concen: 40.20 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion: 93 Resp: 535706
 Ion Ratio Lower Upper
 93 100
 66 42.7 39.0 58.6
 65 22.0 20.6 31.0





#7

Phenol-d6

Concen: 75.58 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

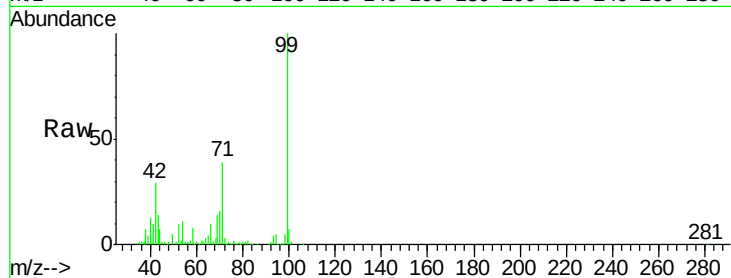
Tgt Ion: 99 Resp: 786343

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

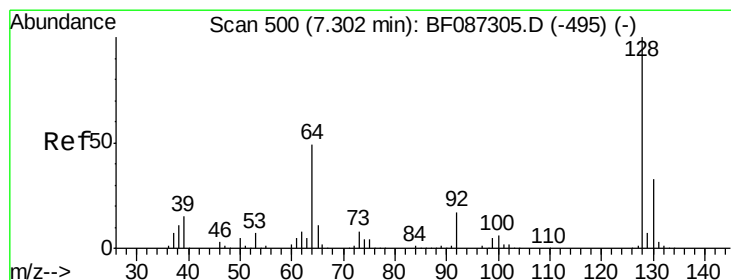
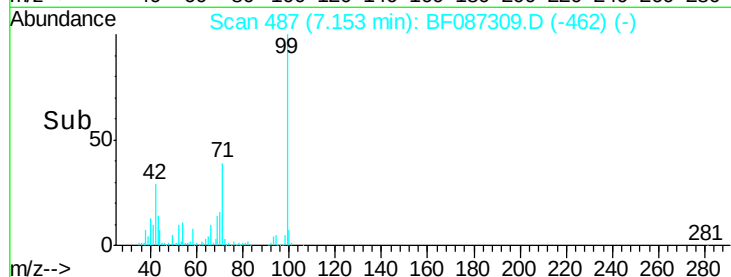
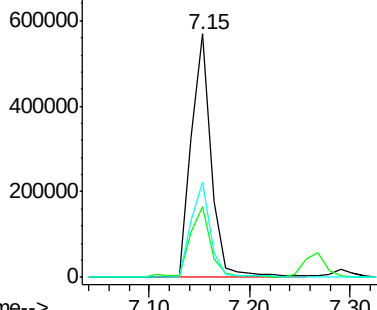
71 39.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.90 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

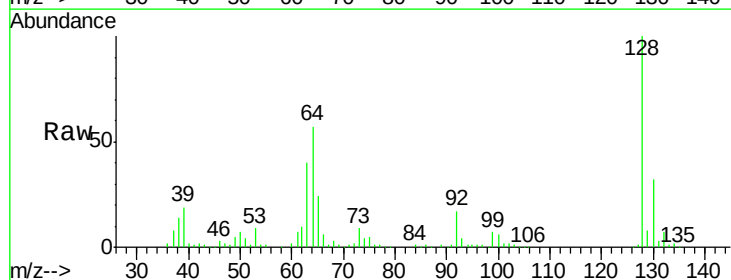
Tgt Ion: 128 Resp: 377743

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

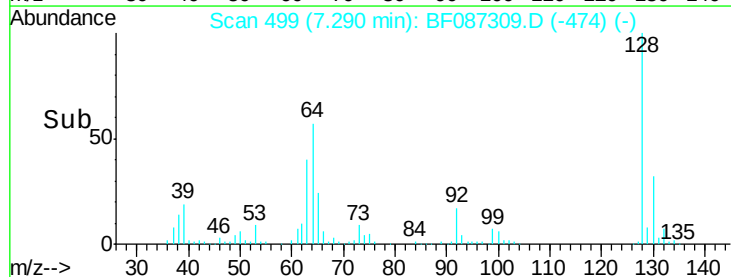
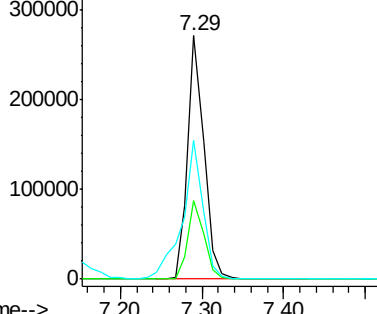
64 57.2 27.3 67.3

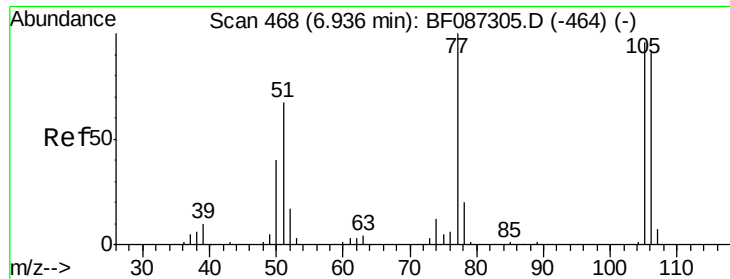


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.55 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

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ICVBF052316

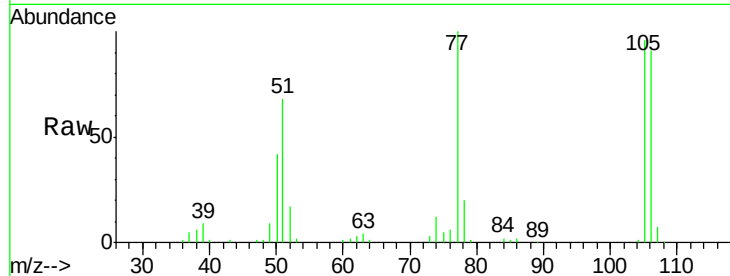
Tgt Ion: 77 Resp: 192484

Ion Ratio Lower Upper

77 100

105 95.8 72.7 112.7

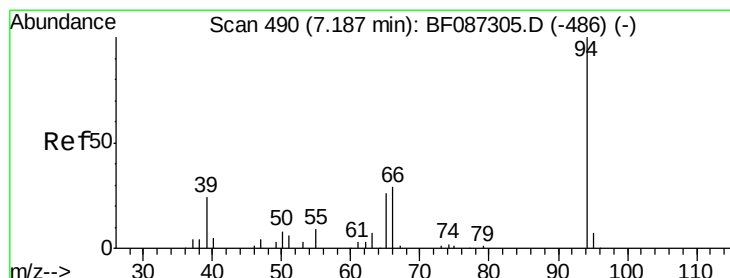
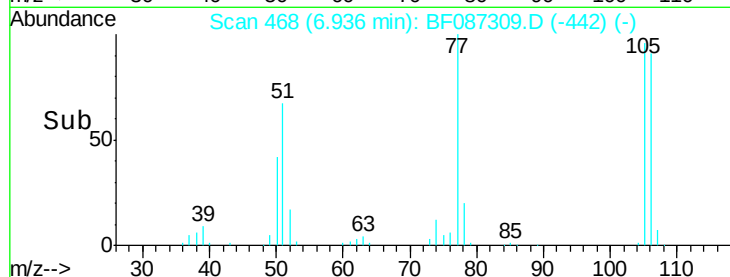
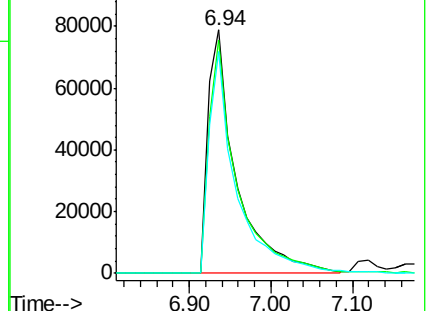
106 91.3 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.91 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

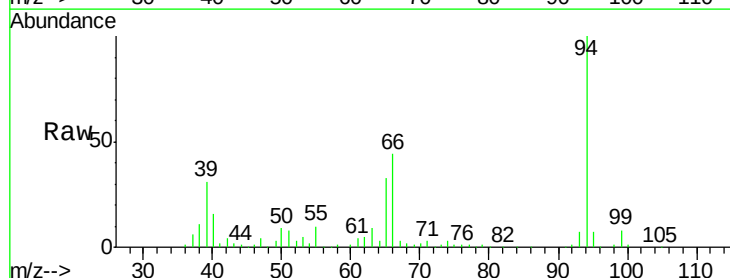
Tgt Ion: 94 Resp: 403682

Ion Ratio Lower Upper

94 100

65 32.6 7.2 47.2

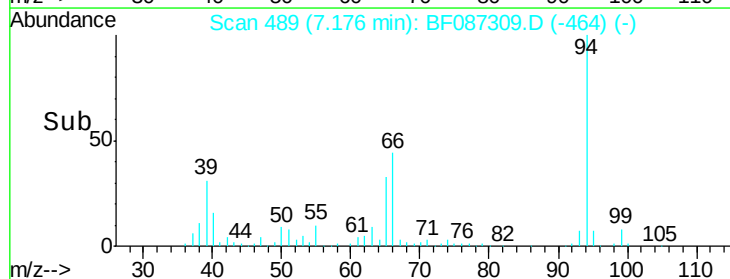
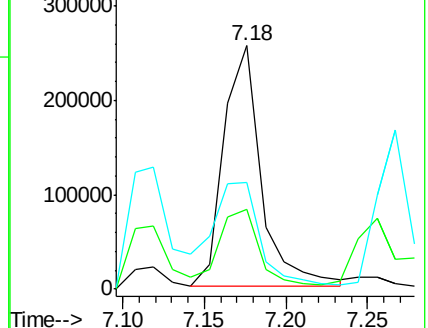
66 43.9 14.9 54.9

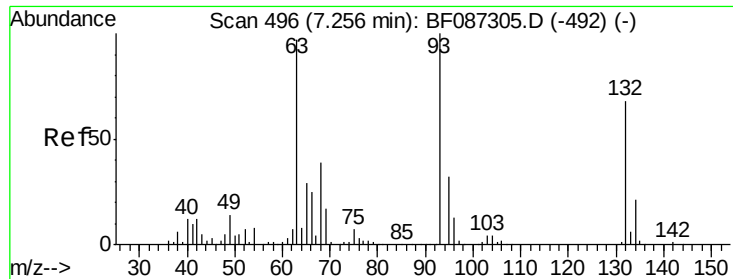


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

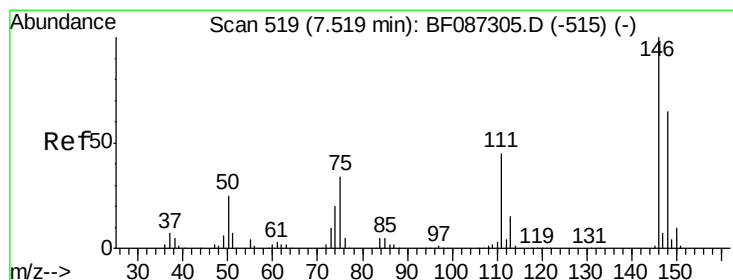
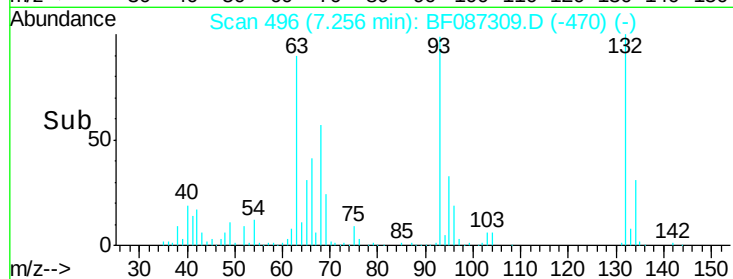
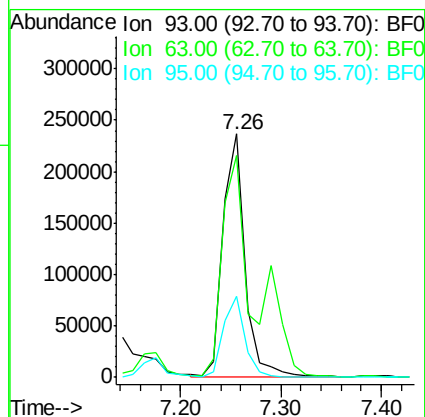
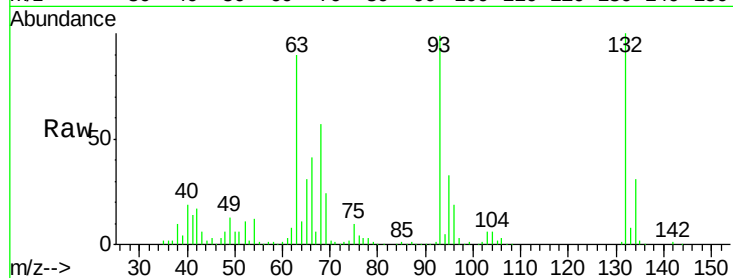




#11
bis(2-Chloroethyl)ether
Concen: 36.30 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

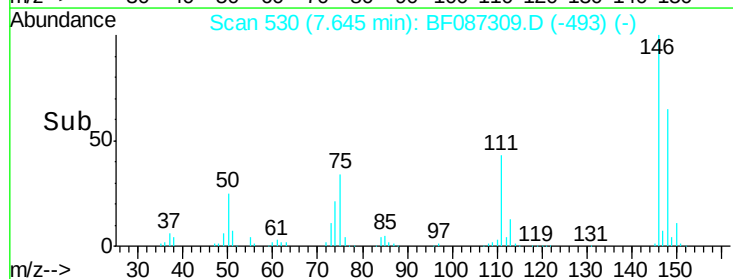
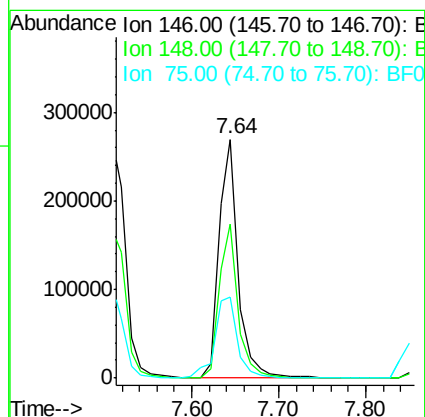
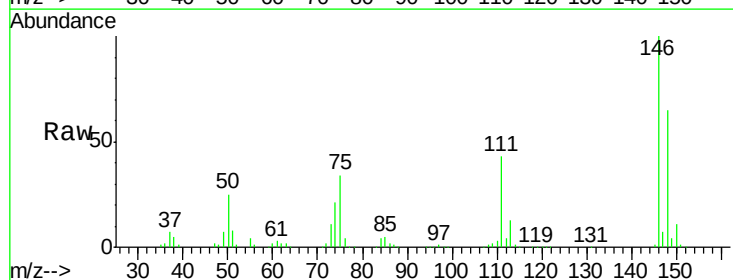
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

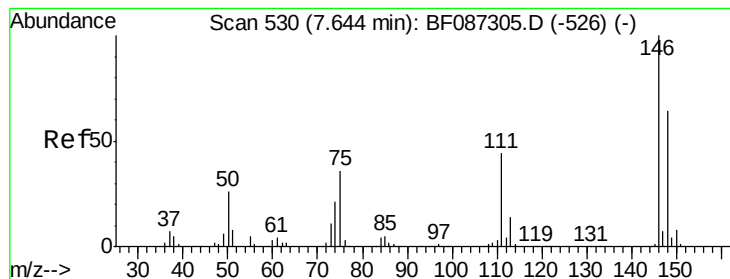
Tgt Ion: 93 Resp: 358637
Ion Ratio Lower Upper
93 100
63 91.3 58.0 98.0
95 33.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 41.34 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.13 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion: 146 Resp: 415698
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
75 33.8 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 40.25 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

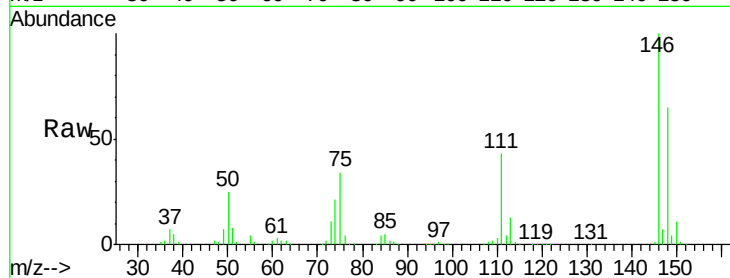
Tgt Ion:146 Resp: 415501

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

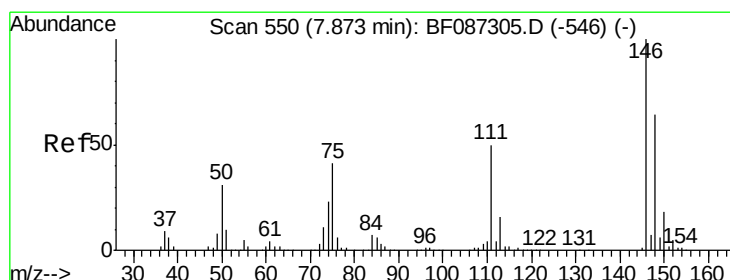
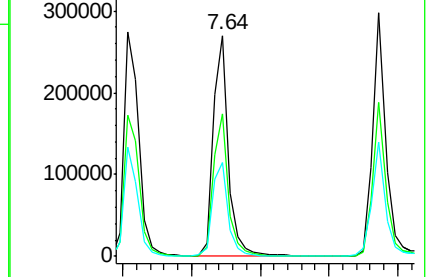
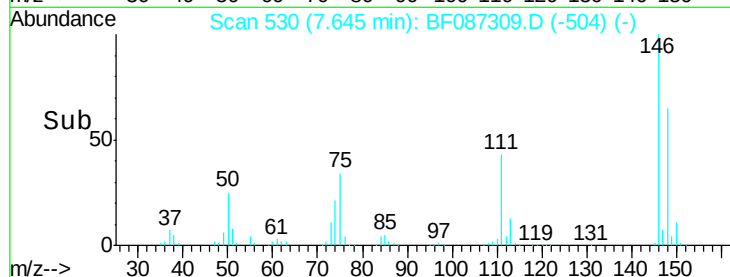
111 42.8 30.7 46.1



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: 42.45 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

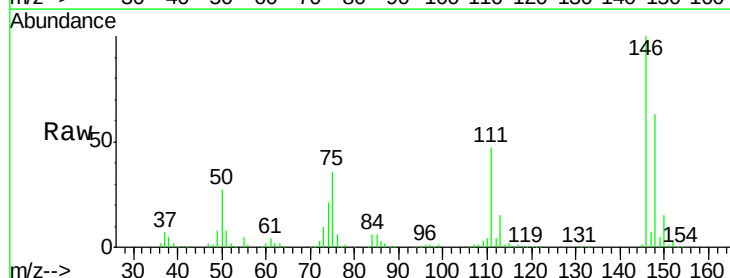
Tgt Ion:146 Resp: 390324

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

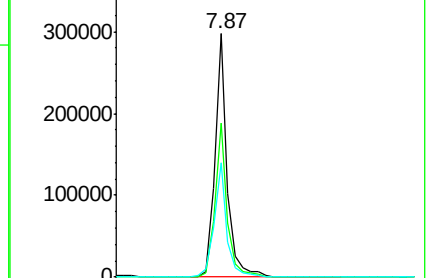
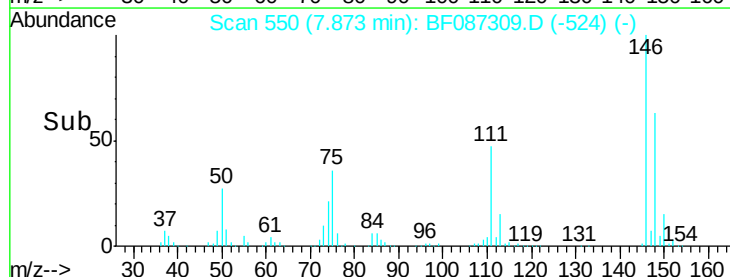
111 47.0 36.2 54.4

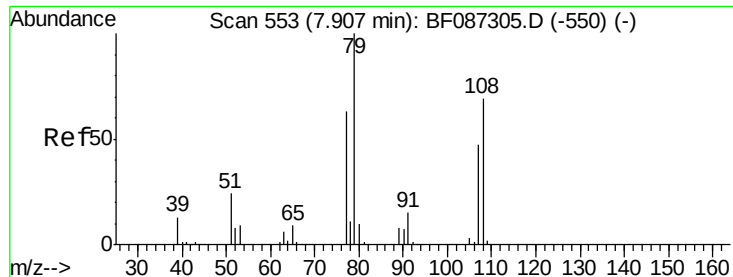


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.61 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

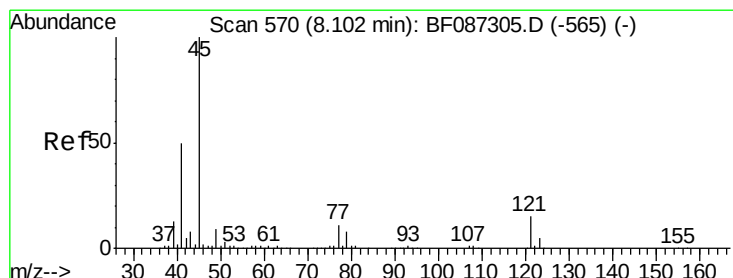
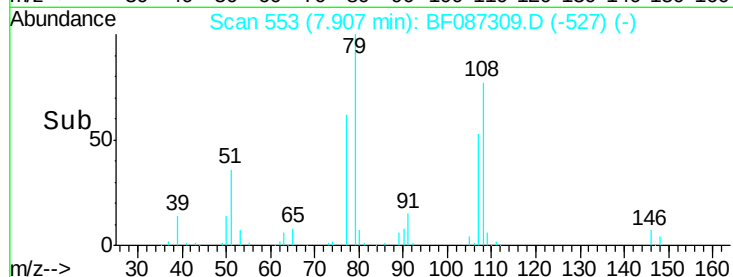
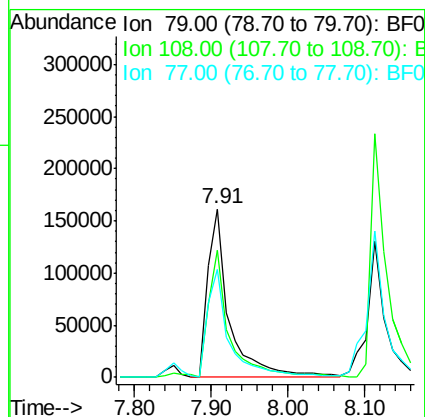
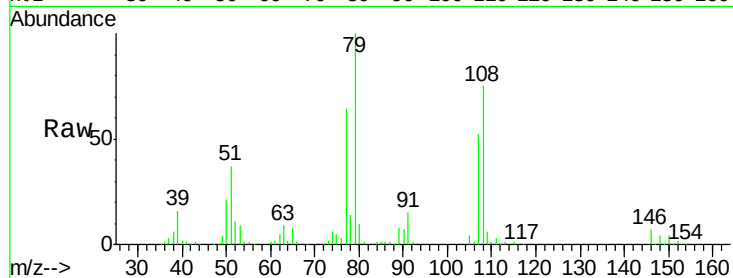
Tgt Ion: 79 Resp: 314778

Ion Ratio Lower Upper

79 100

108 75.2 68.4 102.6

77 63.8 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.59 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

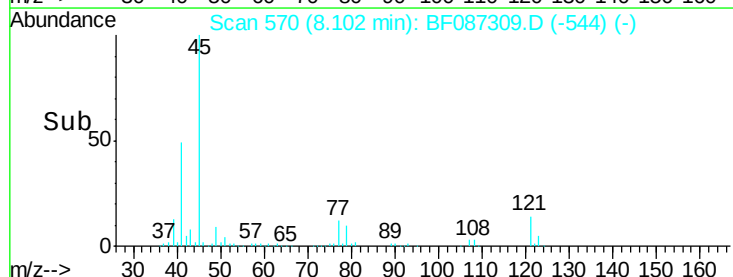
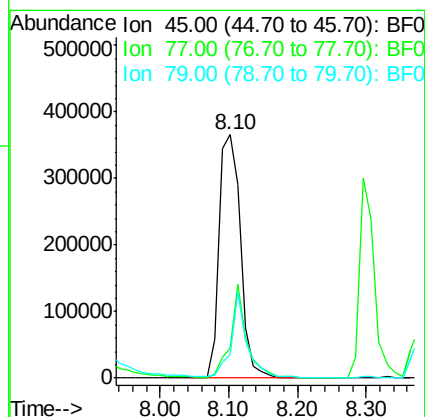
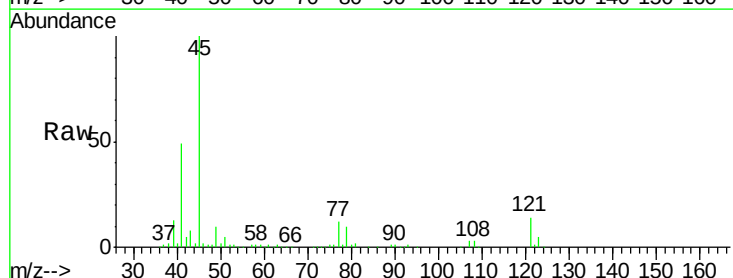
Tgt Ion: 45 Resp: 806183

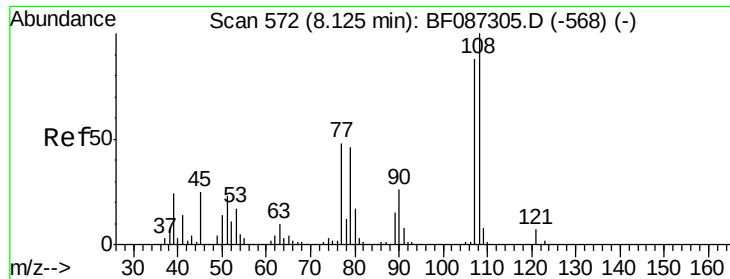
Ion Ratio Lower Upper

45 100

77 12.3 0.0 36.4

79 9.7 0.0 33.4

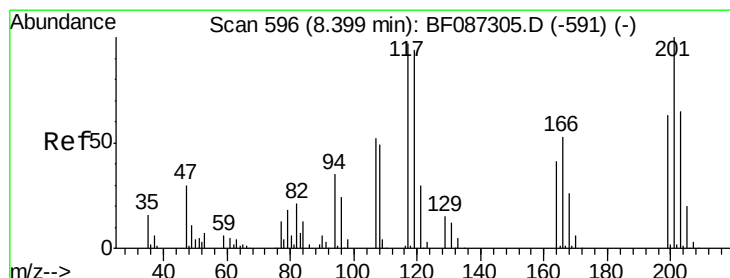
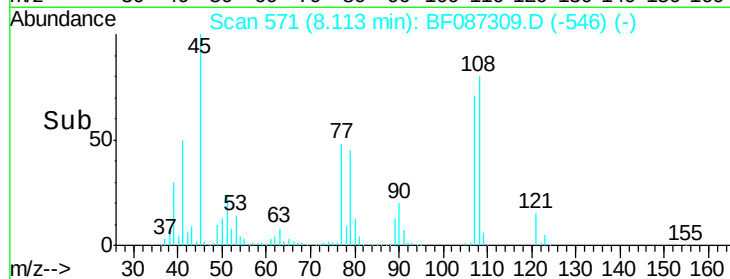
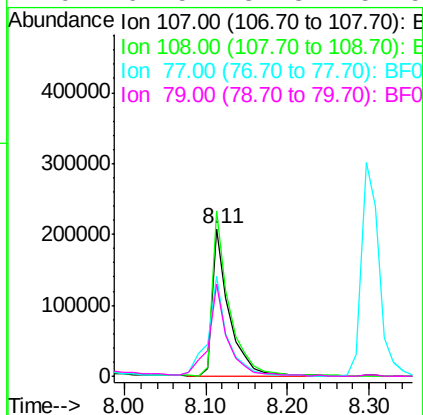
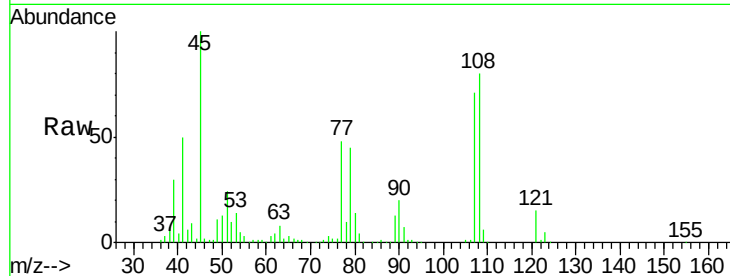




#17
2-Methylphenol
Concen: 38.17 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

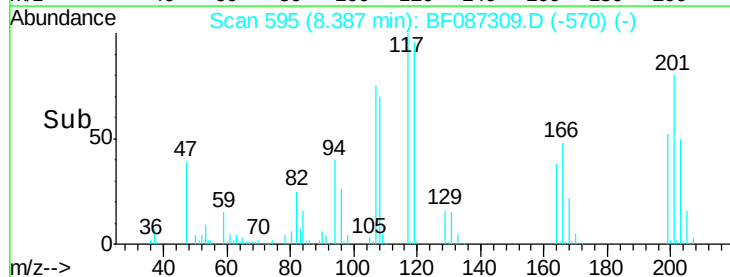
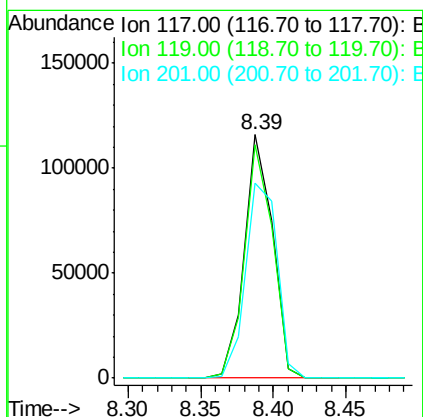
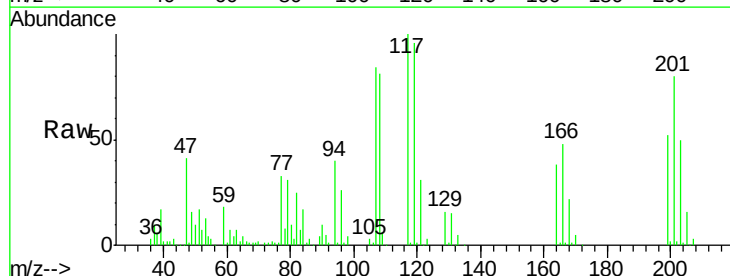
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

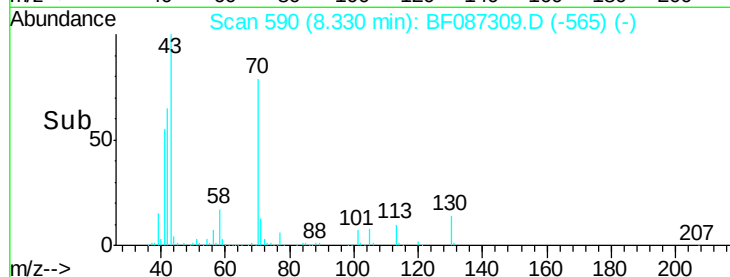
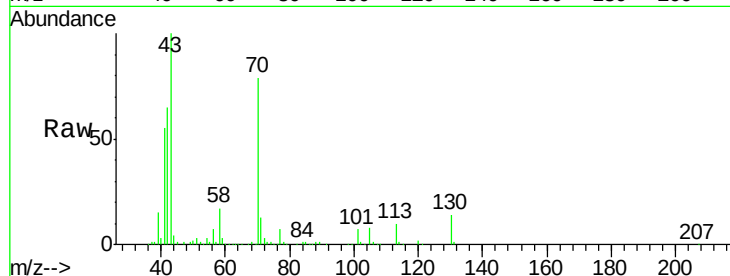
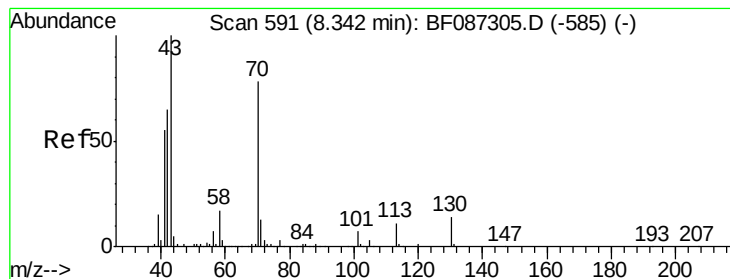
Tgt Ion:107 Resp: 295183
Ion Ratio Lower Upper
107 100
108 112.1 93.7 140.5
77 67.6 33.4 50.0#
79 62.5 34.3 51.5#



#18
Hexachloroethane
Concen: 39.88 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:117 Resp: 156597
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
201 80.2 63.0 94.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.34 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

Tgt Ion: 70 Resp: 300183

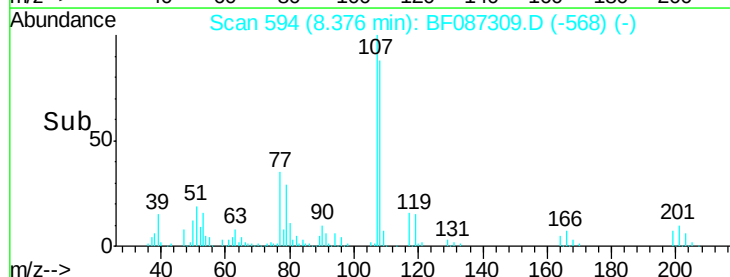
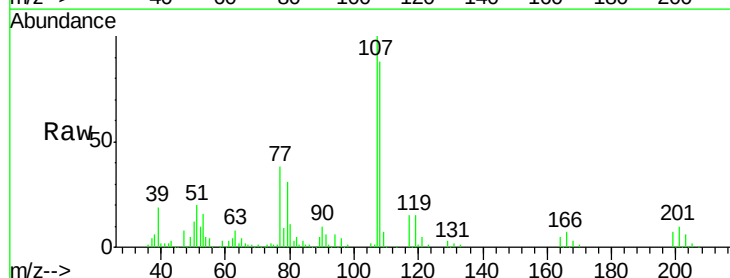
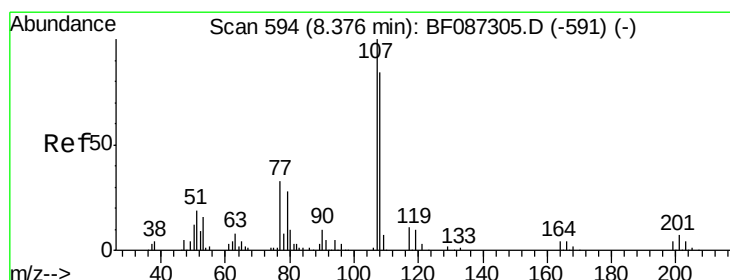
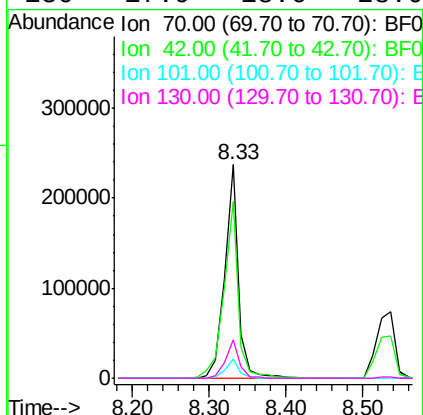
Ion Ratio Lower Upper

70 100

42 82.5 43.1 64.7#

101 8.7 8.1 12.1

130 17.9 18.6 28.0#



#20

3+4-Methylphenols

Concen: 37.49 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Tgt Ion: 107 Resp: 379450

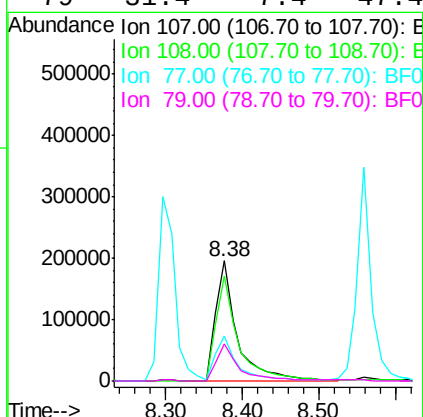
Ion Ratio Lower Upper

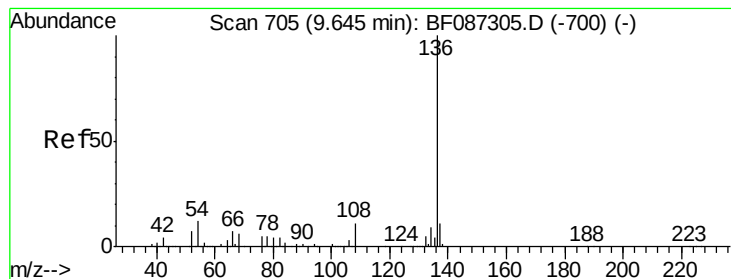
107 100

108 87.8 68.5 108.5

77 37.8 101.6 141.6#

79 31.4 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: BF087309.D

Acq: 23 May 2016 19:59

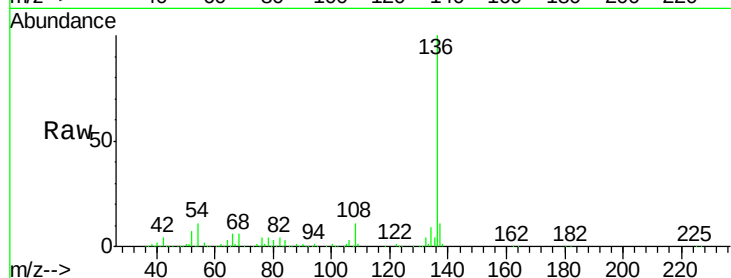
Instrument :

BNA_F

ClientSampleId :

ICVBF052316

Tgt Ion:	136	Resp:	547563
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.3	5.0	7.4#
68	5.6	4.4	6.6

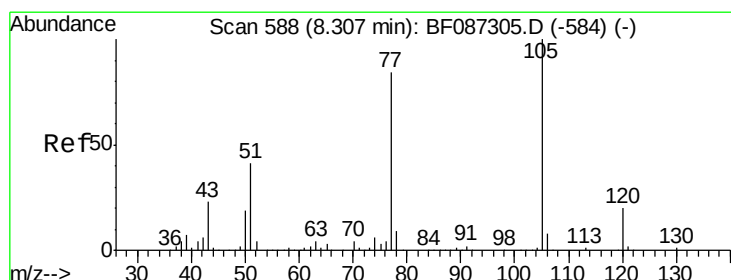
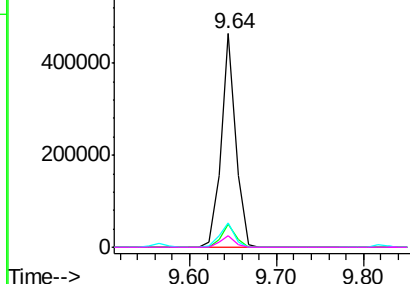
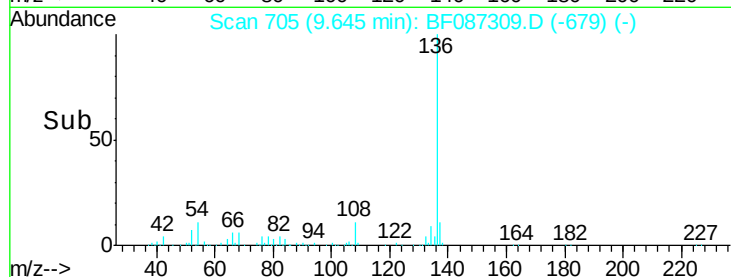


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.18 ng

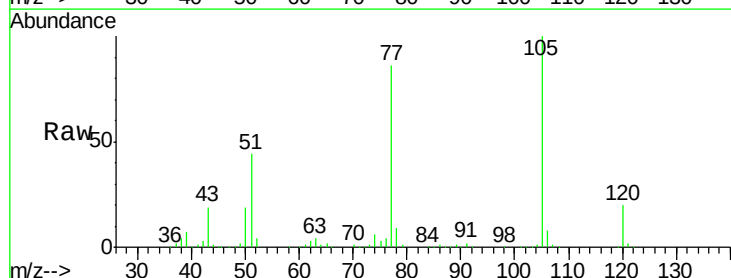
RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Tgt Ion:	105	Resp:	549107
Ion	Ratio	Lower	Upper
105	100		
71	0.1	4.8	7.2#
51	44.0	32.6	49.0
120	20.0	16.5	24.7

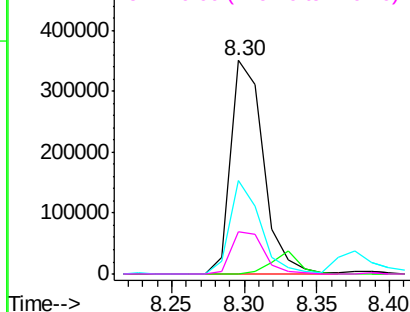
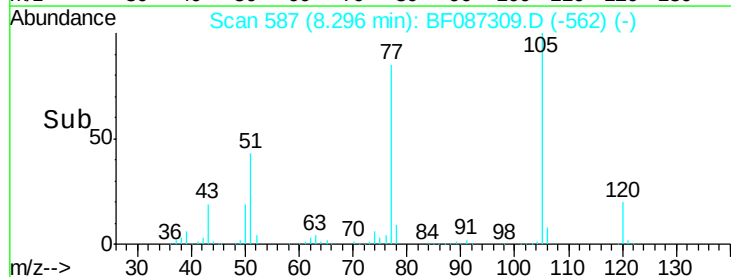


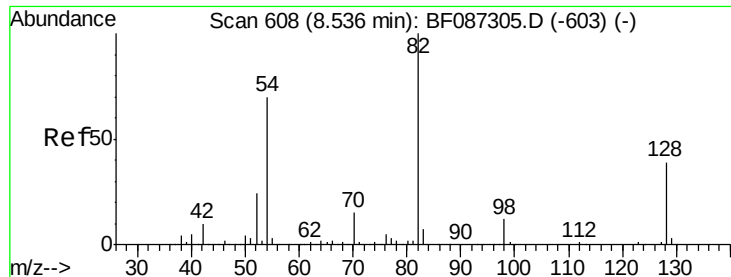
Abundance Ion 105.00 (104.70 to 105.70): E

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

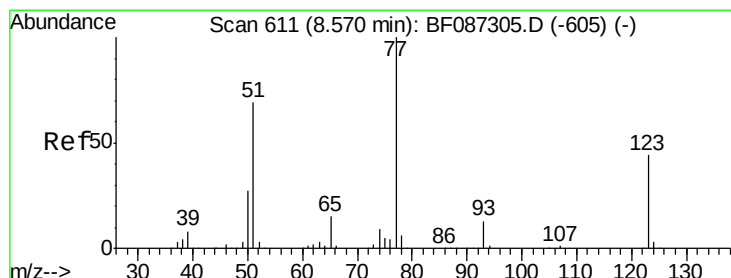
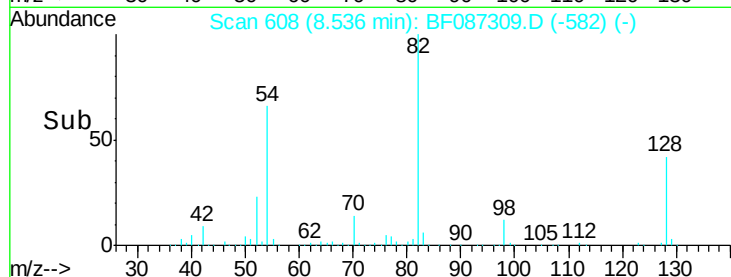
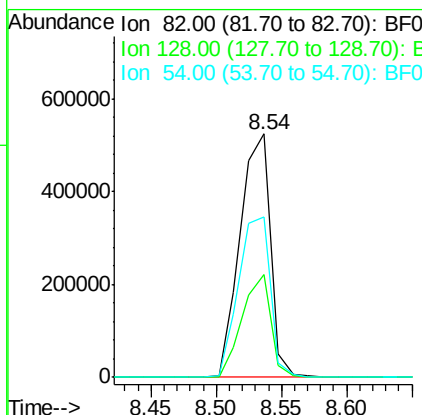
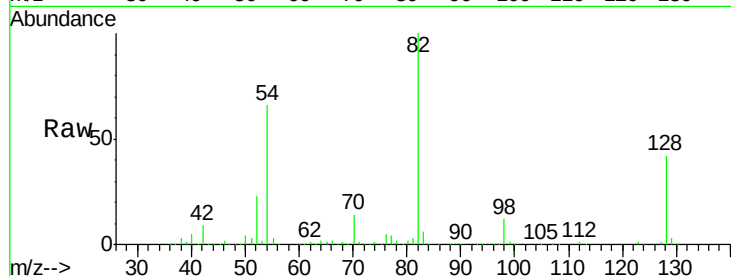




#23
 Nitrobenzene-d5
 Concen: 76.97 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

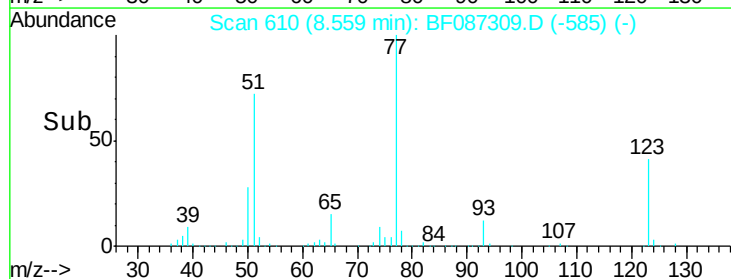
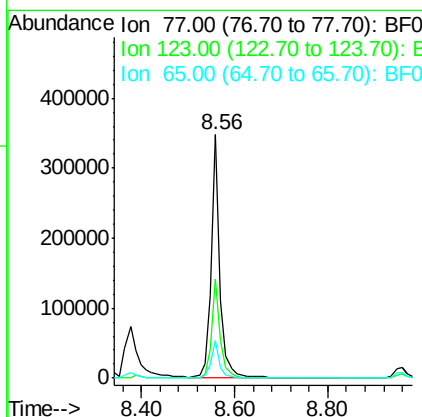
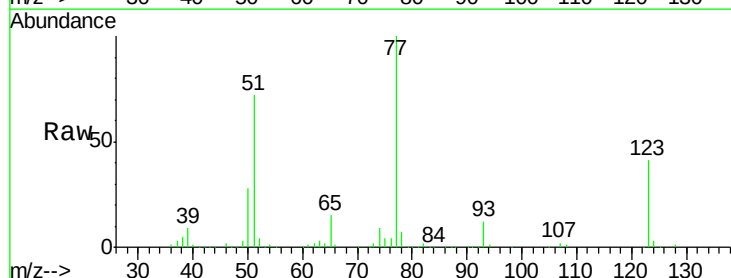
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

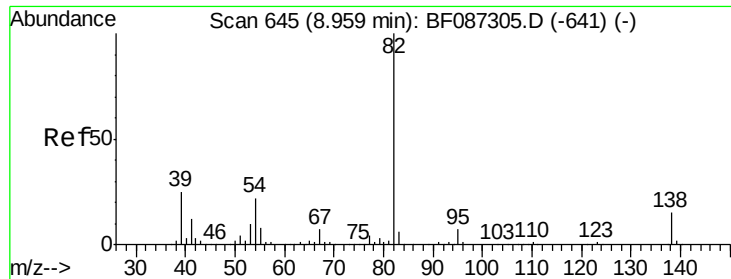
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	61.0
54	66.0	38.1	57.1#



#24
 Nitrobenzene
 Concen: 38.44 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	33.0	49.4
65	15.2	10.8	16.2





#25

Isophorone

Concen: 37.88 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

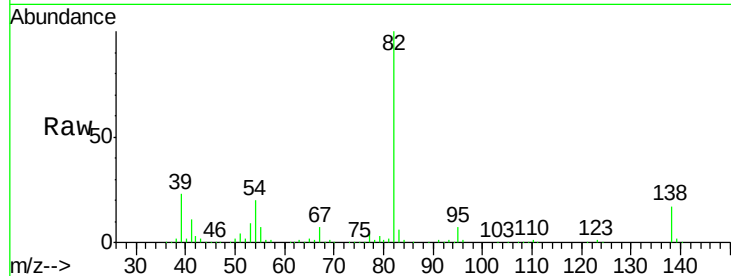
Tgt Ion: 82 Resp: 760124

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

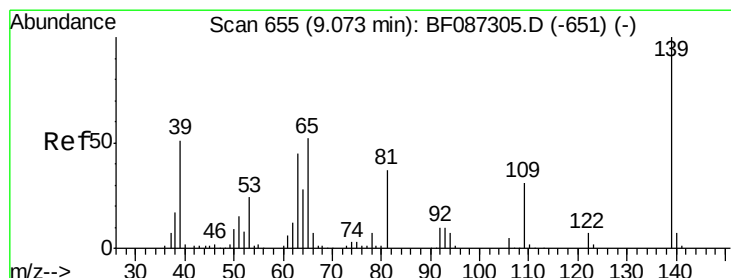
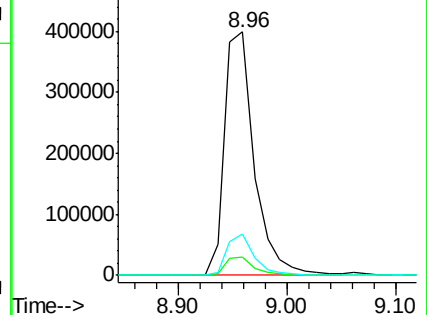
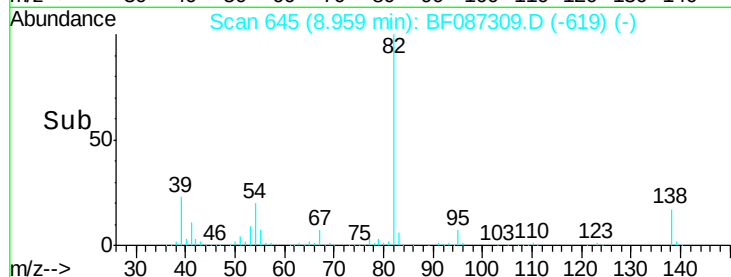
138 16.9 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.28 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

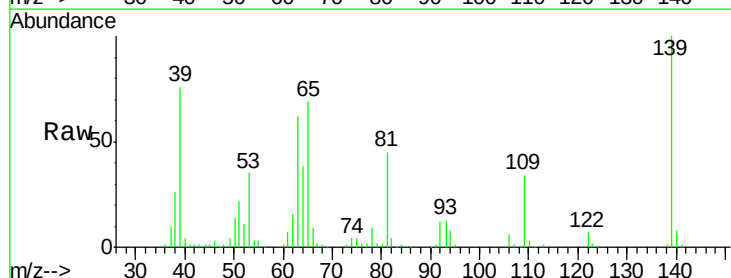
Tgt Ion: 139 Resp: 191071

Ion Ratio Lower Upper

139 100

109 34.5 19.5 29.3#

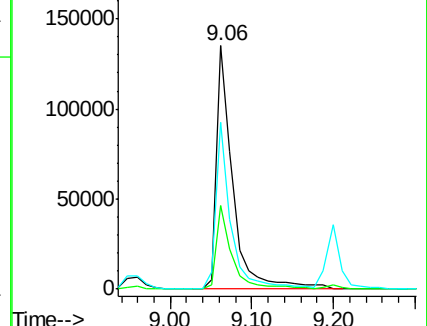
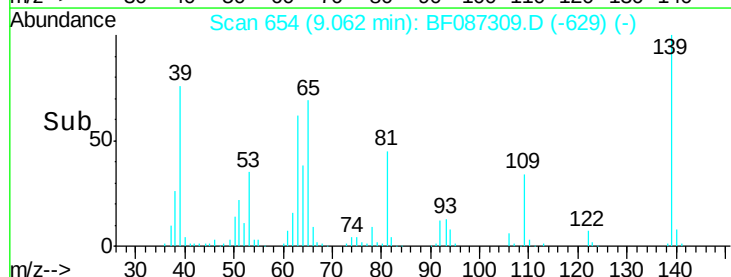
65 68.6 37.5 56.3#

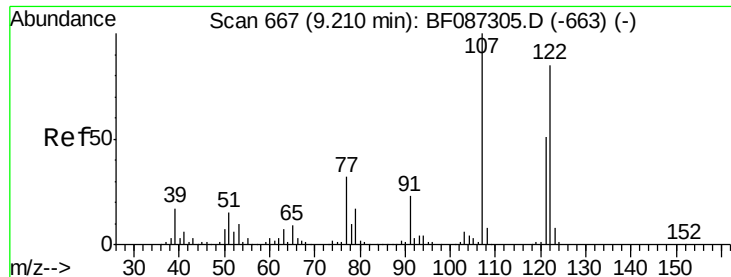


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

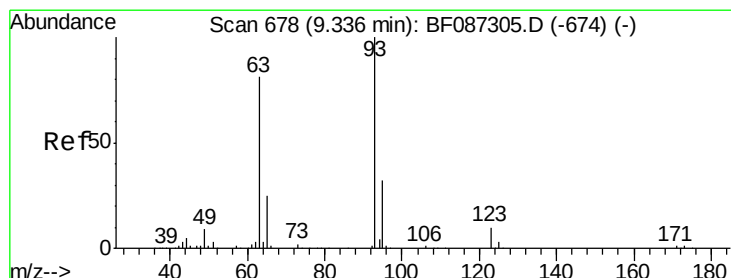
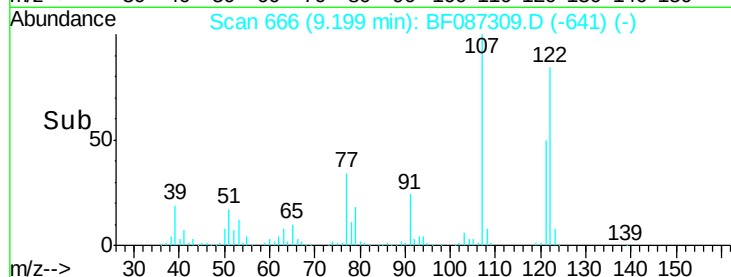
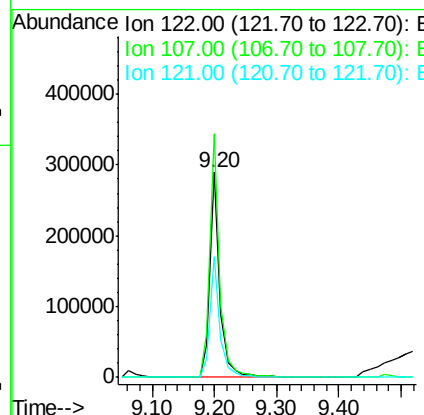
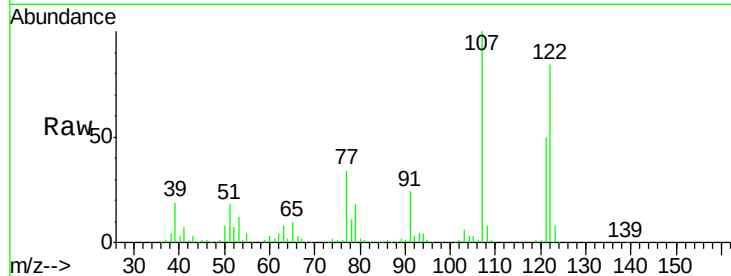




#27
 2,4-Dimethylphenol
 Concen: 38.22 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

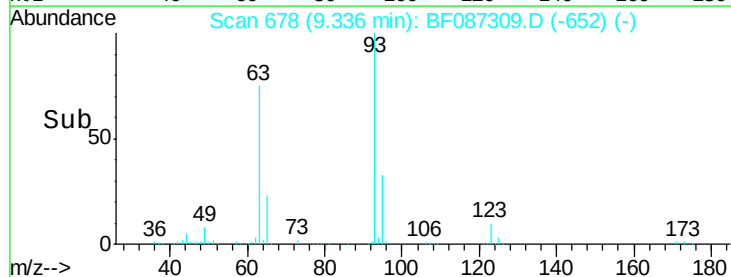
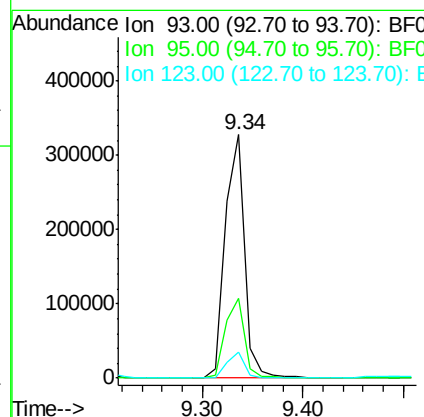
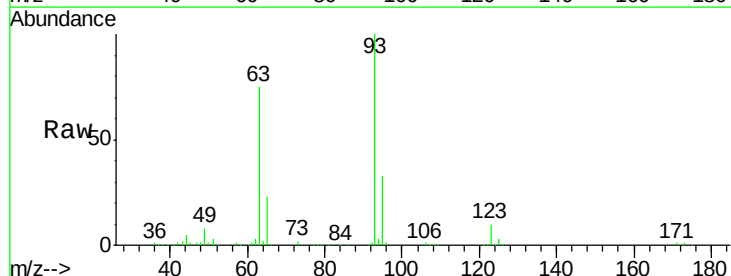
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

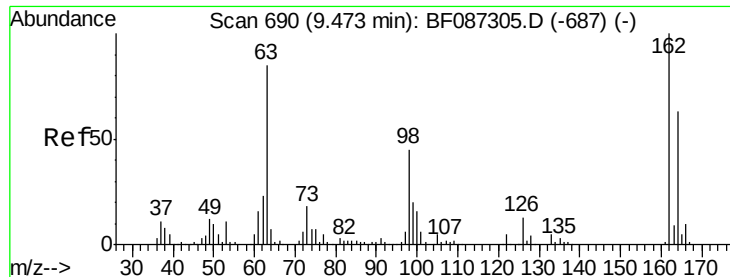
Tgt Ion:122 Resp: 324244
 Ion Ratio Lower Upper
 122 100
 107 118.8 82.0 123.0
 121 59.1 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.39 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion: 93 Resp: 440454
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 10.5 9.5 14.3

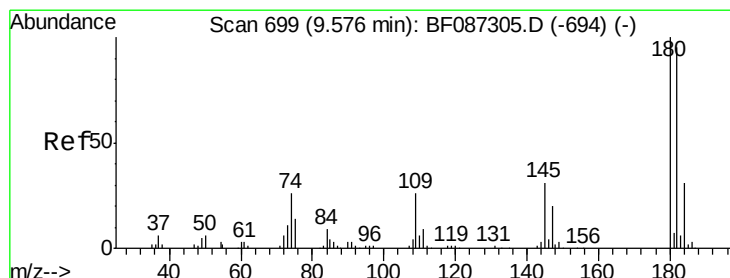
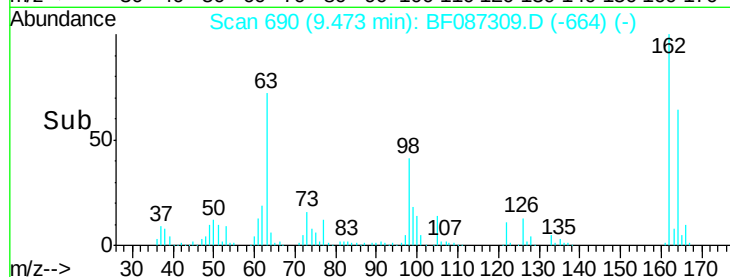
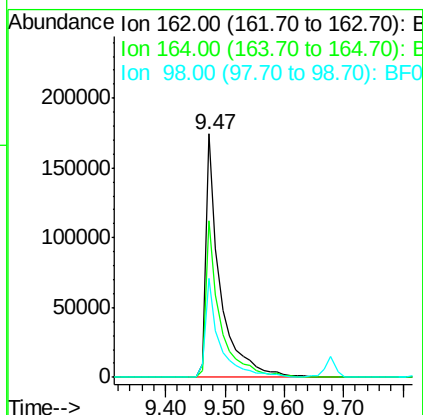
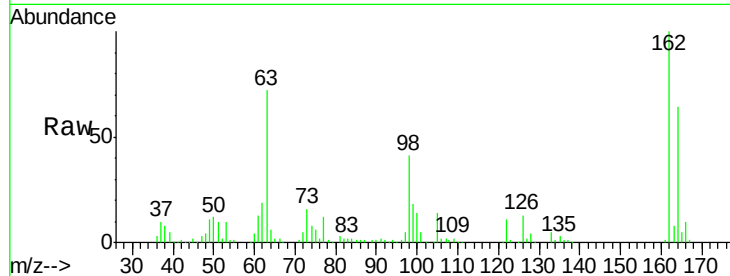




#29
 2,4-Dichlorophenol
 Concen: 38.90 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

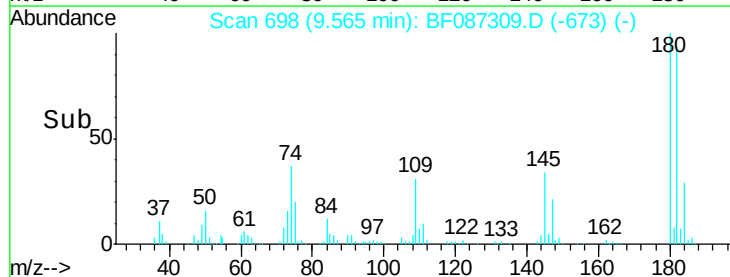
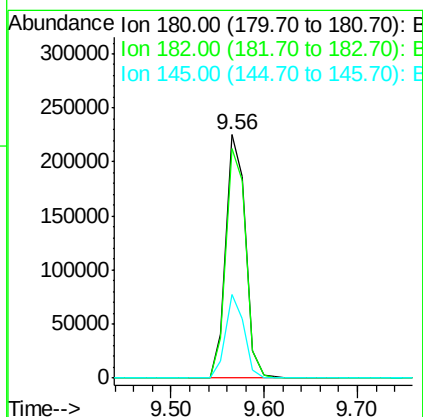
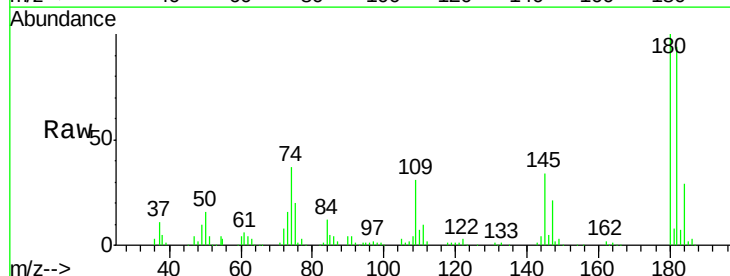
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

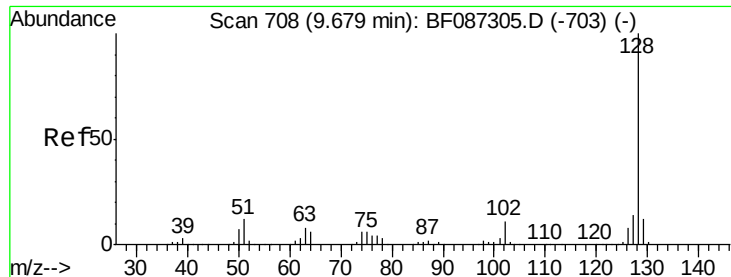
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.2	82.2
98	40.6	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.56 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.0	117.0
145	34.3	24.2	36.2

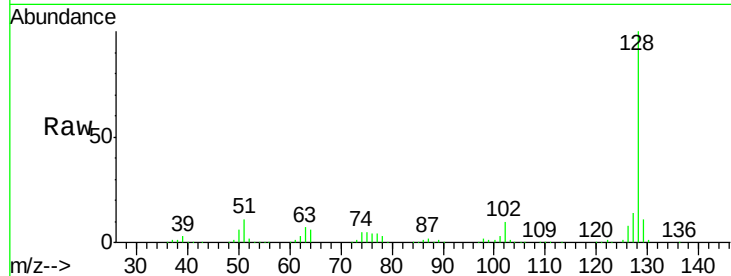




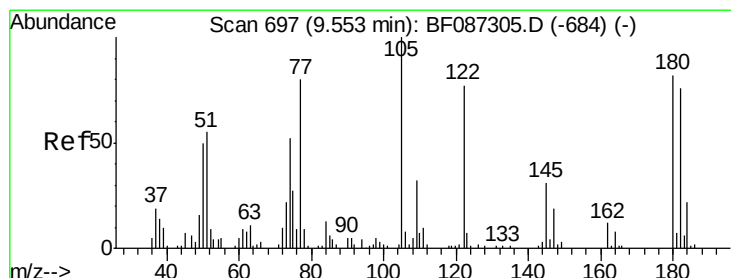
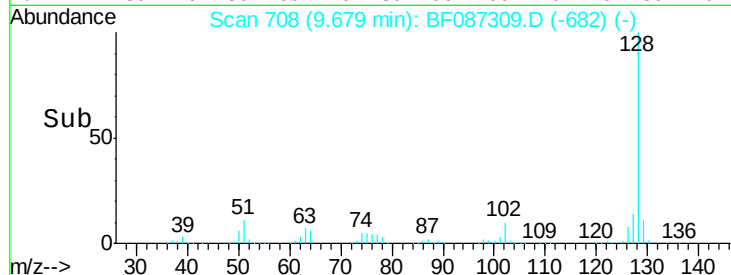
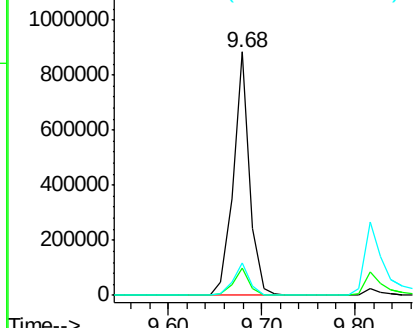
#31
Naphthalene
Concen: 40.01 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Instrument :
BNA_F
ClientSampleId :
ICVBF052316

Tgt Ion:128 Resp: 1076614
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.8 16.2

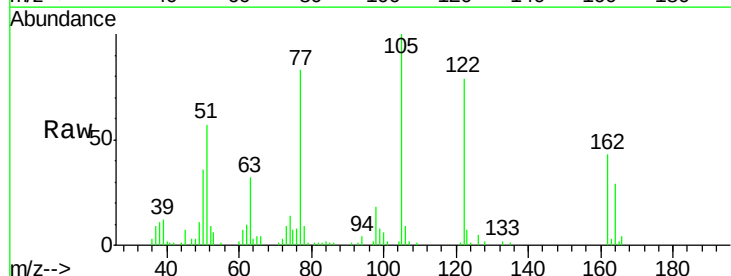


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

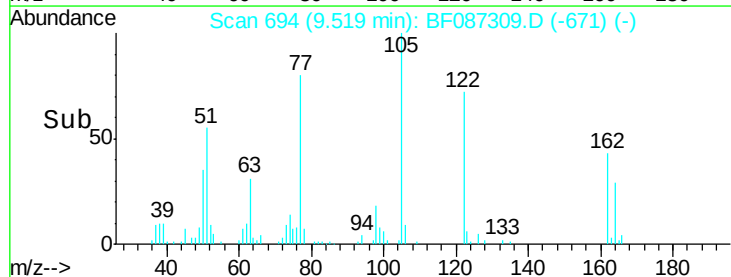
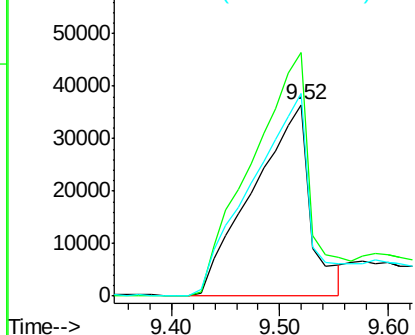


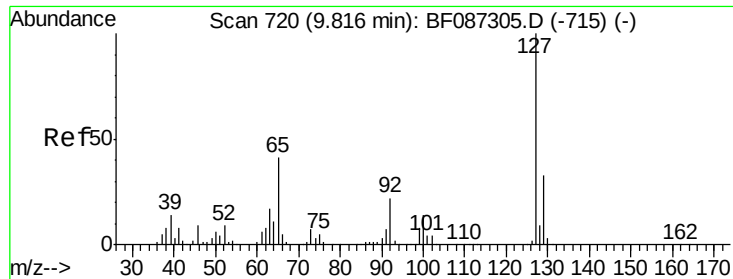
#32
Benzoic acid
Concen: 27.61 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:122 Resp: 135042
Ion Ratio Lower Upper
122 100
105 127.0 92.6 132.6
77 106.0 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

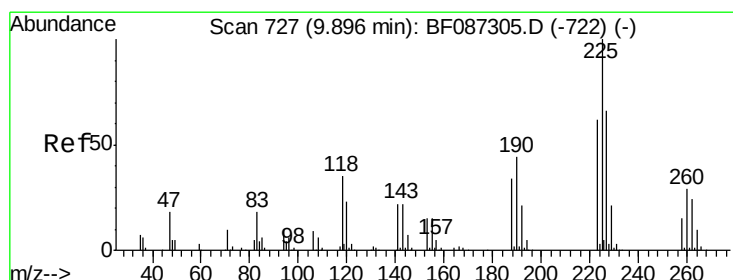
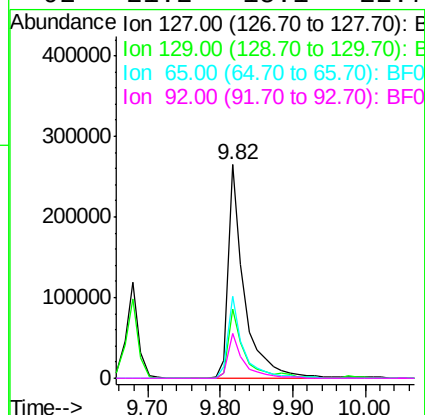
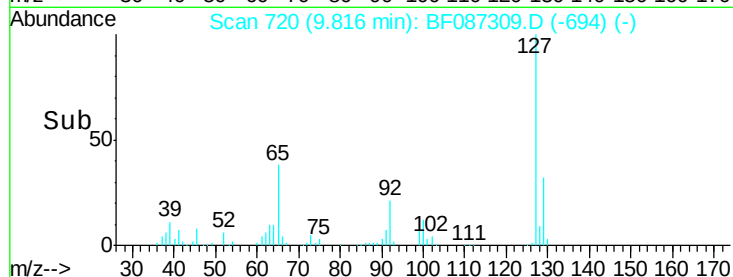
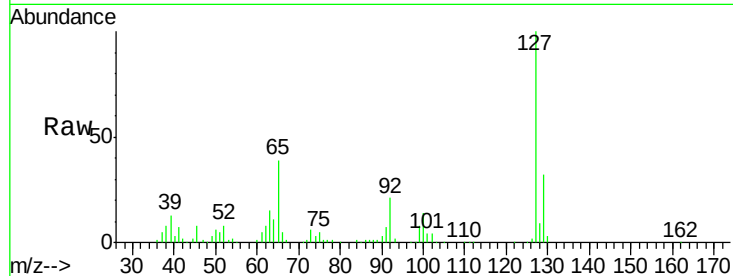




#33
4-Chloroaniline
Concen: 36.74 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

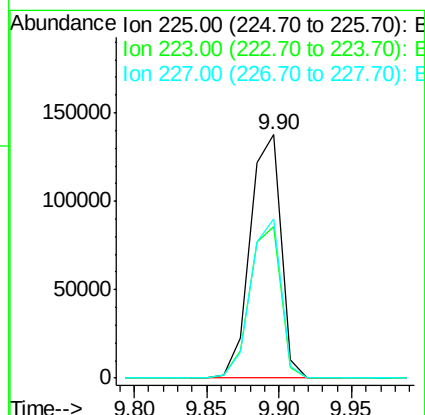
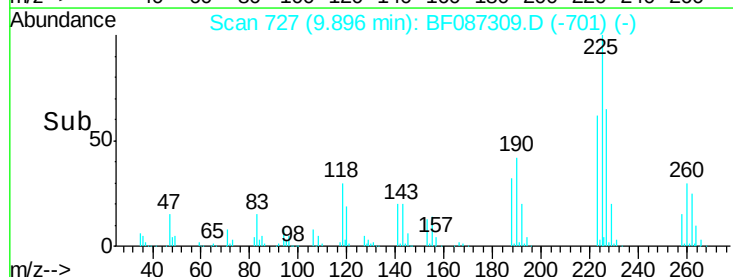
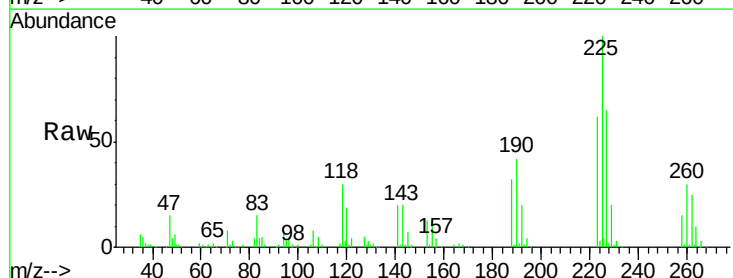
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

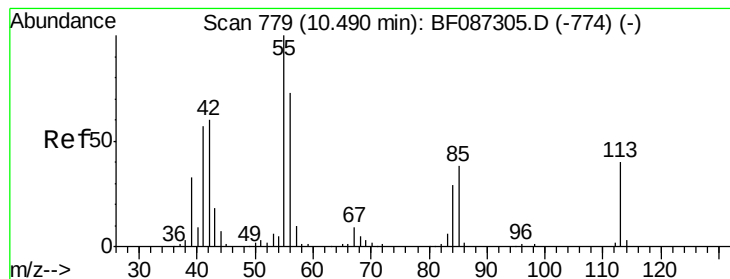
Tgt Ion:	127	Resp:	402715
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	38.6	23.0	34.4
92	21.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.02 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:	225	Resp:	202046
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.5	77.3
227	65.5	52.2	78.2





#35

Caprolactam

Concen: 38.30 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

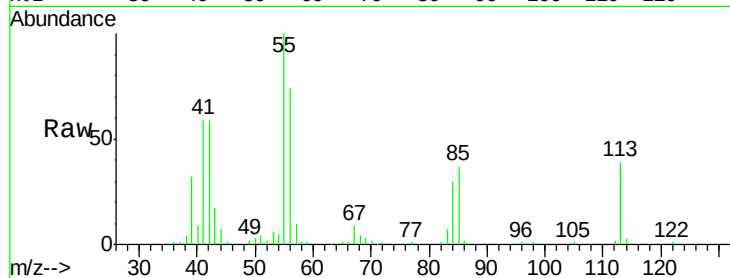
Tgt Ion:113 Resp: 90895

Ion Ratio Lower Upper

113 100

55 258.6 162.0 202.0#

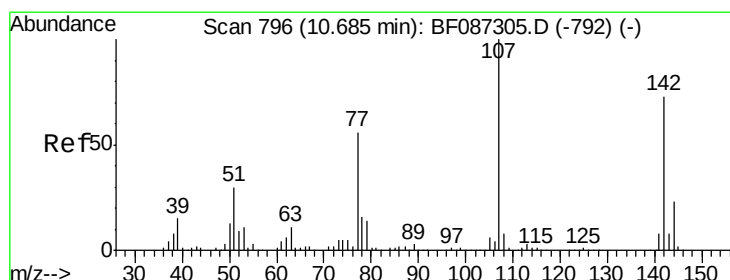
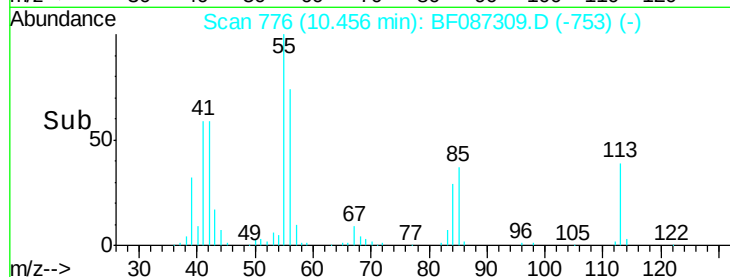
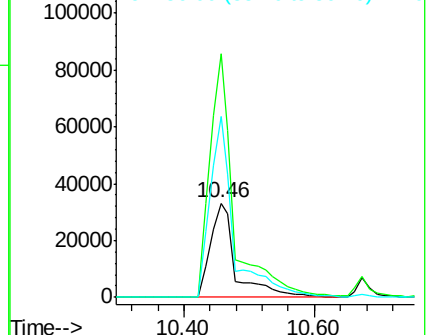
56 191.9 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.68 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

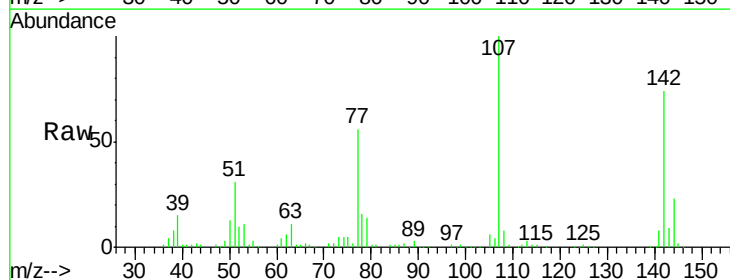
Tgt Ion:107 Resp: 330662

Ion Ratio Lower Upper

107 100

144 23.2 20.7 31.1

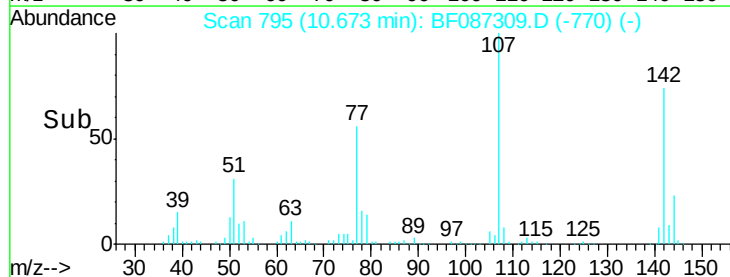
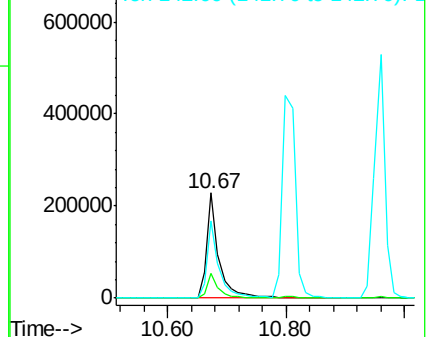
142 73.5 63.2 94.8

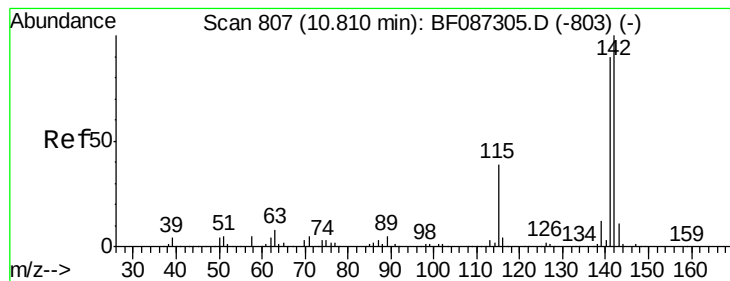


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.84 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

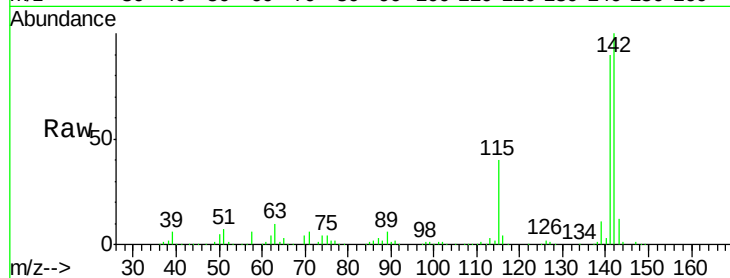
Tgt Ion:142 Resp: 668933

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

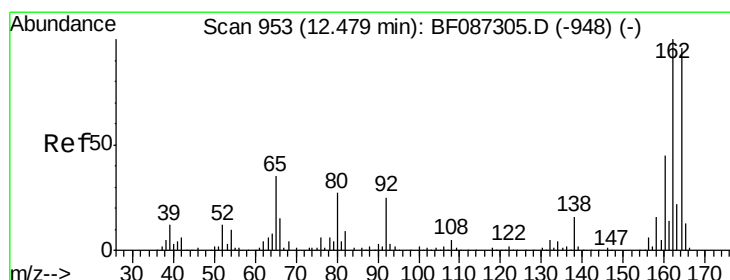
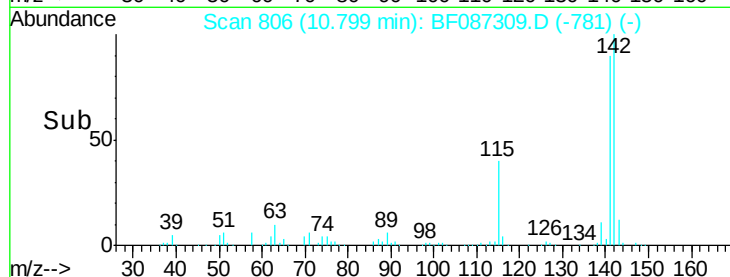
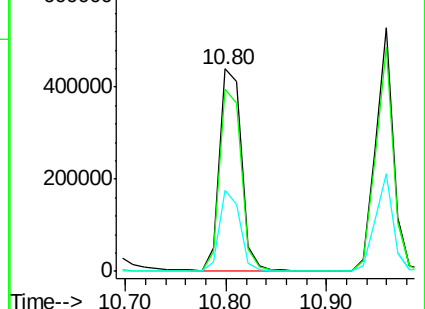
115 40.1 26.6 39.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

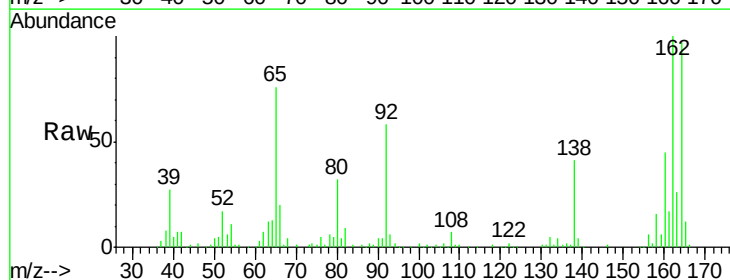
Tgt Ion:164 Resp: 252497

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

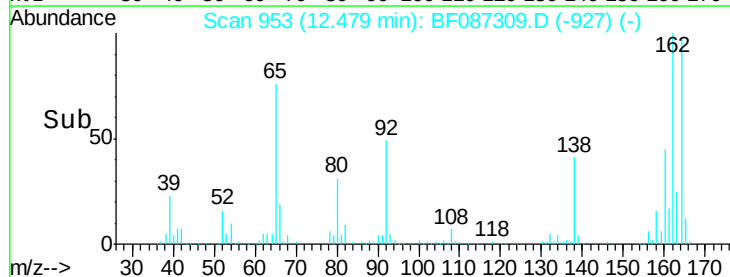
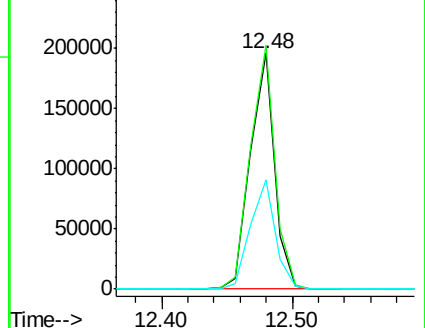
160 46.5 36.9 55.3

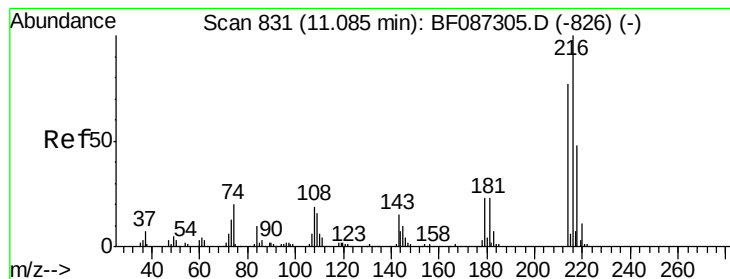


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.67 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

Tgt Ion:216 Resp: 322504

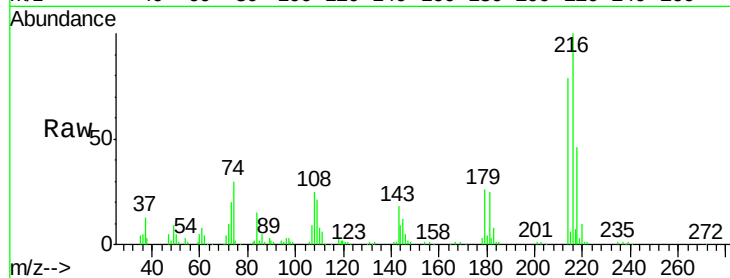
Ion Ratio Lower Upper

216 100

214 78.0 62.6 93.8

179 23.2 18.2 27.4

108 21.8 17.5 26.3

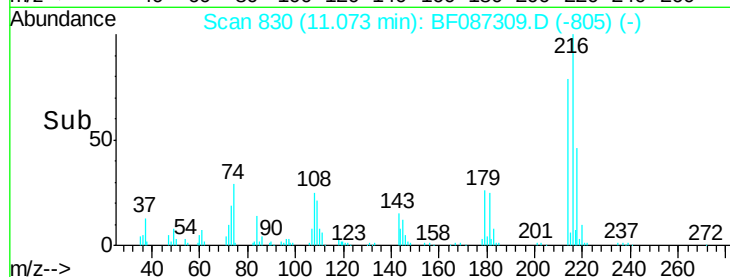


Abundance Ion 216.00 (215.70 to 216.70): E

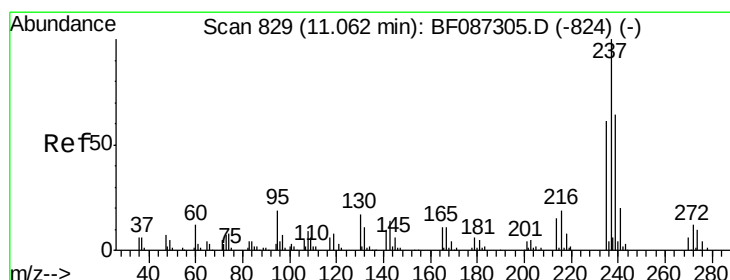
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.68 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

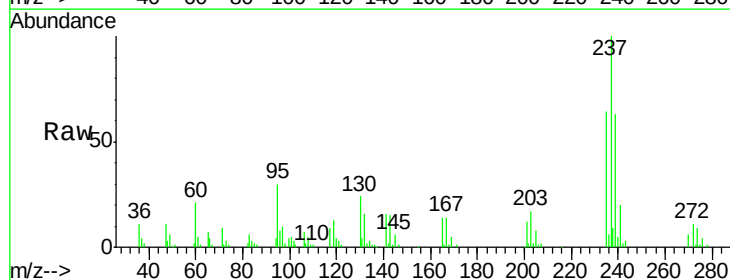
Tgt Ion:237 Resp: 92986

Ion Ratio Lower Upper

237 100

235 64.3 47.2 87.2

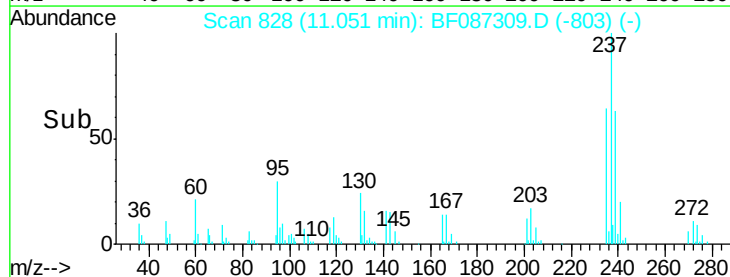
272 11.2 0.0 31.1



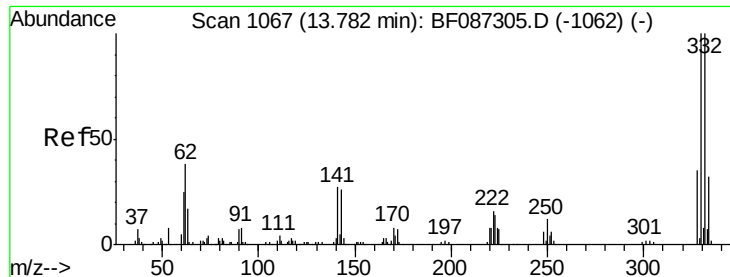
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



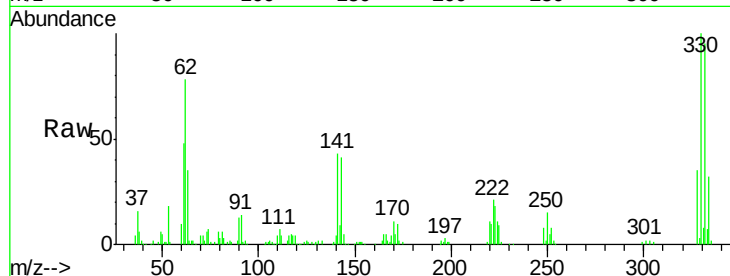
Time-->



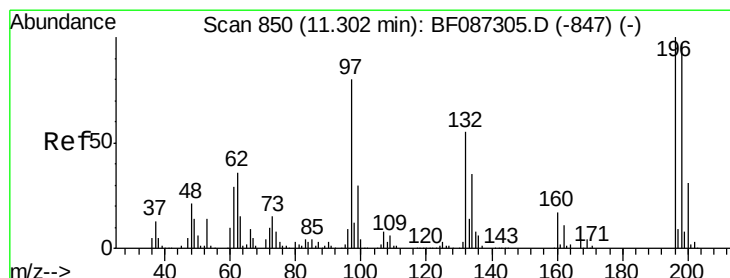
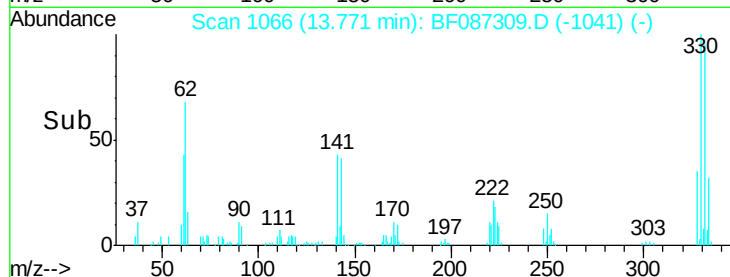
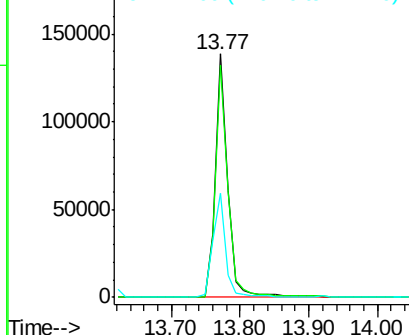
#41
 2,4,6-Tribromophenol
 Concen: 66.01 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

Tgt Ion:330 Resp: 179499
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 43.8 31.2 46.8

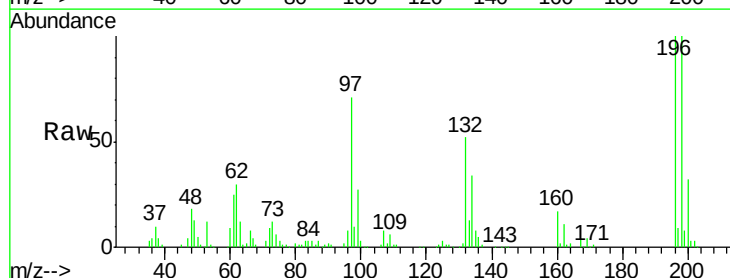


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

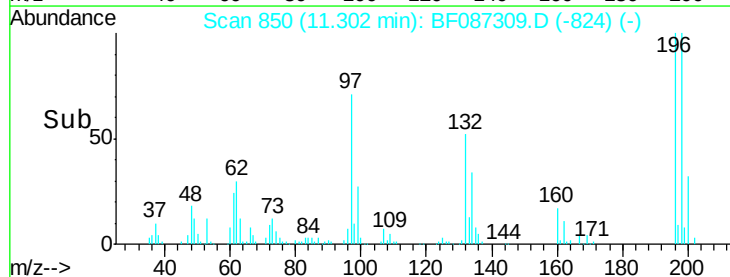
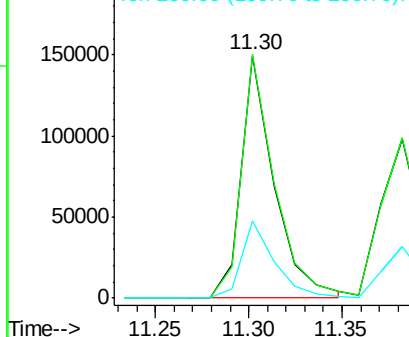


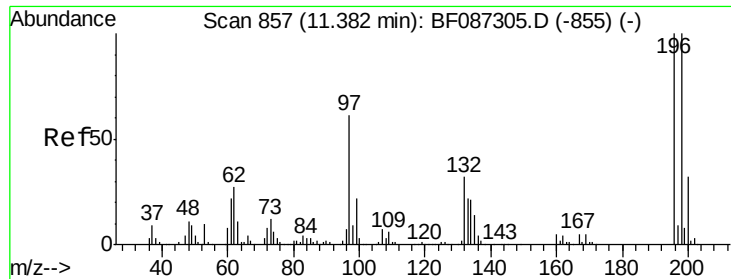
#42
 2,4,6-Trichlorophenol
 Concen: 38.87 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion:196 Resp: 186252
 Ion Ratio Lower Upper
 196 100
 198 100.3 74.7 112.1
 200 31.6 23.8 35.6



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

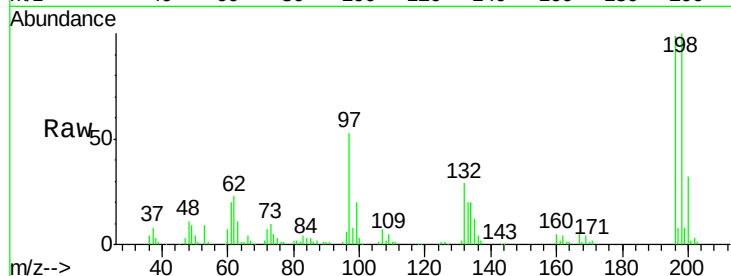




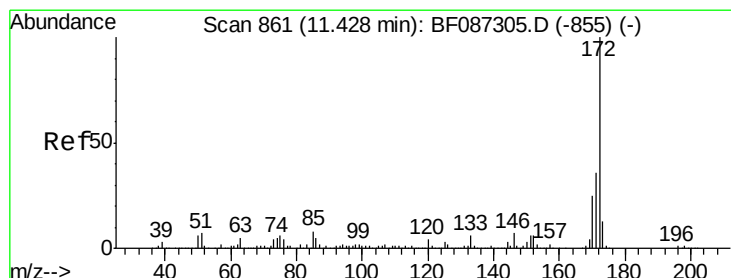
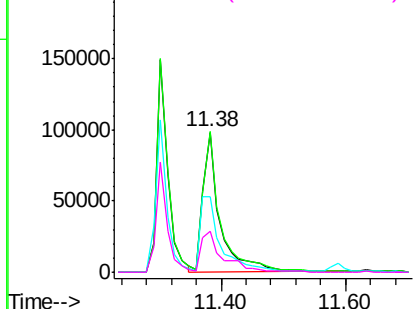
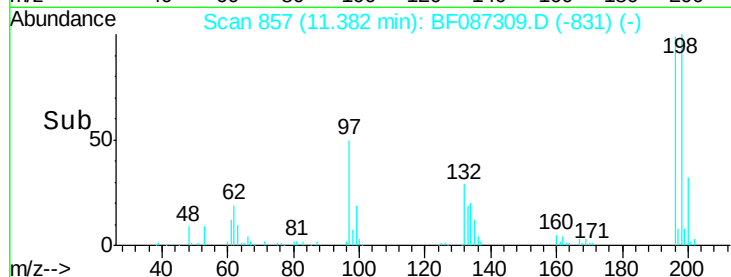
#43
 2,4,5-Trichlorophenol
 Concen: 38.70 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

Tgt Ion	Resp	Lower	Upper
196	190878		
196	100		
198	100.6	77.5	116.3
97	53.8	34.8	52.2
132	29.6	23.0	34.4

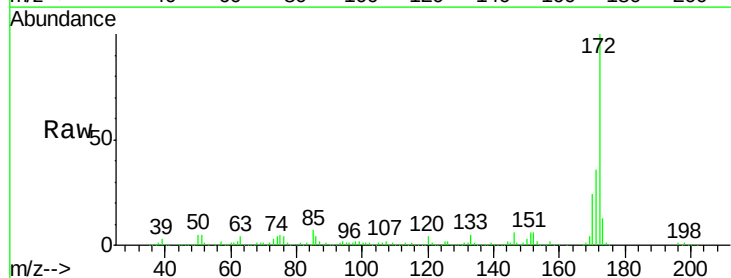


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

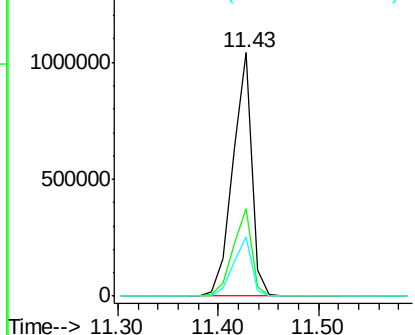
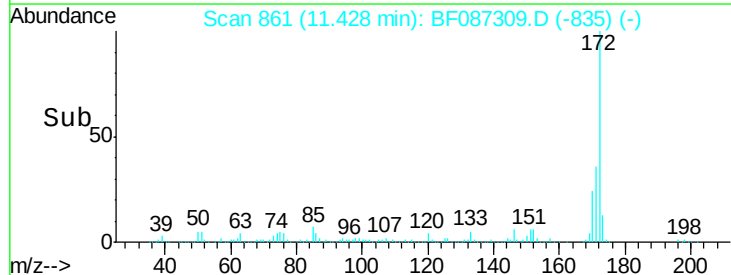


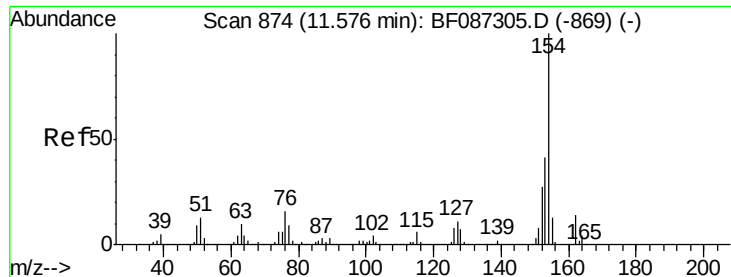
#44
 2-Fluorobiphenyl
 Concen: 87.45 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion	Resp	Lower	Upper
172	1356749		
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

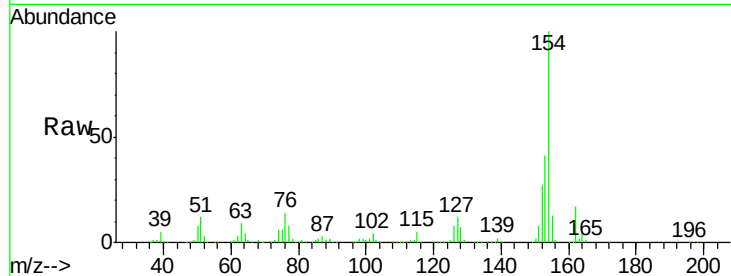




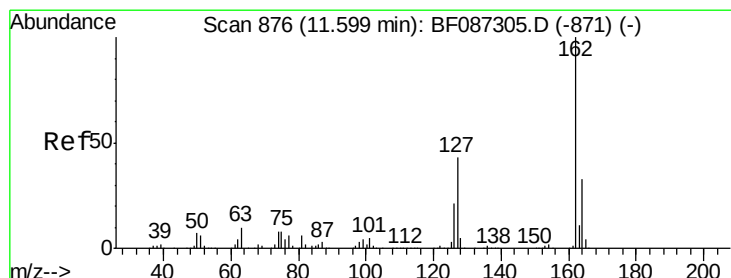
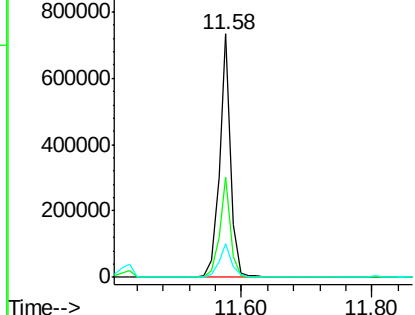
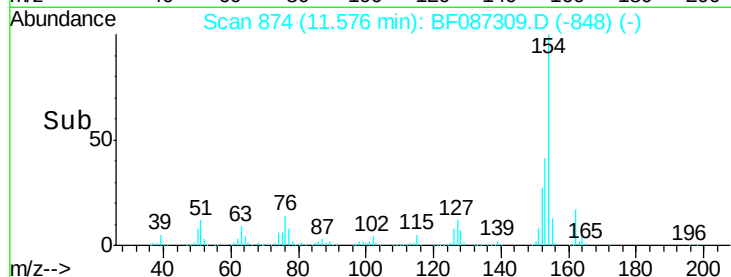
#45
 1,1'-Biphenyl
 Concen: 41.63 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

Tgt Ion:154 Resp: 876738
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.3 60.3
 76 13.9 0.0 30.2

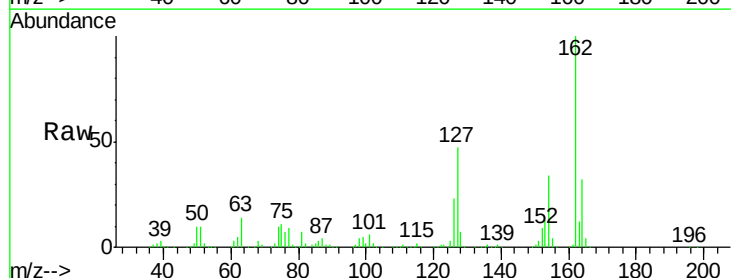


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

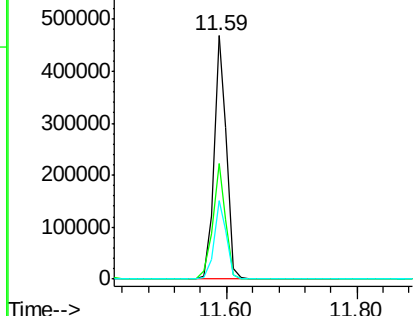
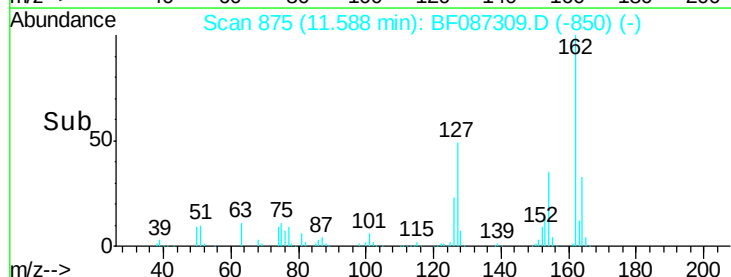


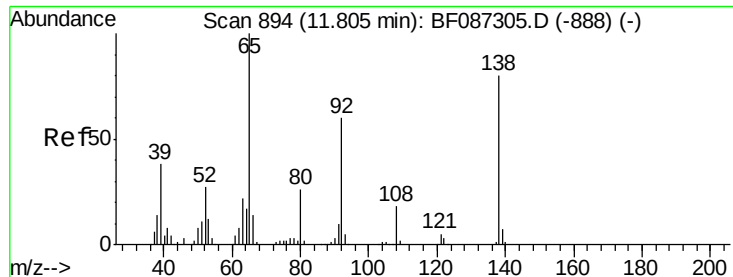
#46
 2-Chloronaphthalene
 Concen: 38.98 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion:162 Resp: 632125
 Ion Ratio Lower Upper
 162 100
 127 47.2 31.8 47.6
 164 32.2 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: 38.86 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

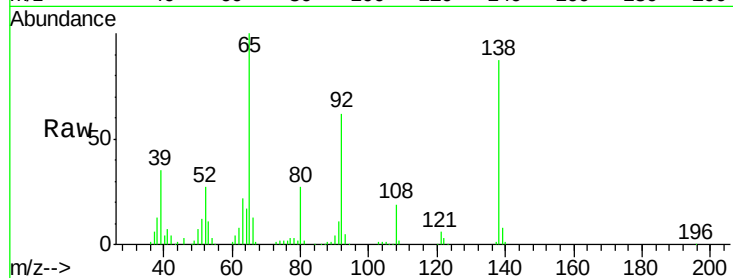
Tgt Ion: 65 Resp: 237570

Ion Ratio Lower Upper

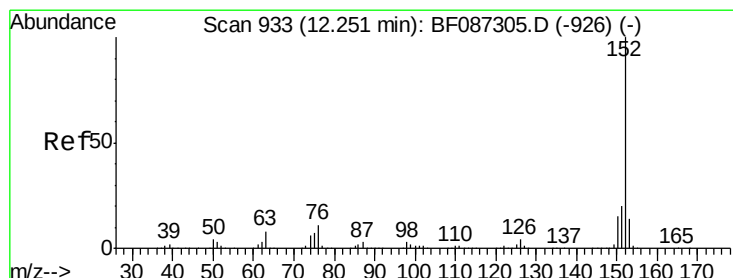
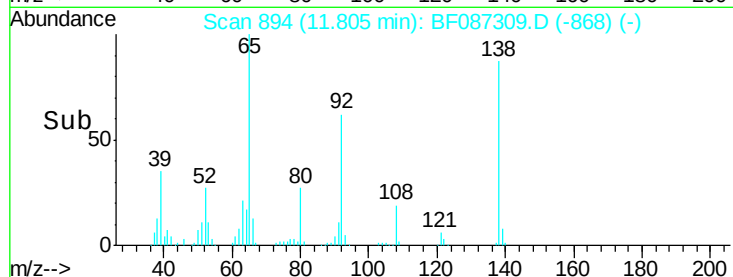
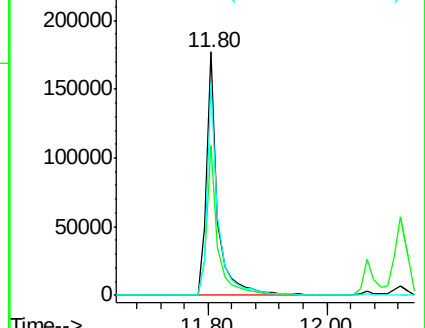
65 100

92 61.6 57.4 86.2

138 86.7 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.47 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

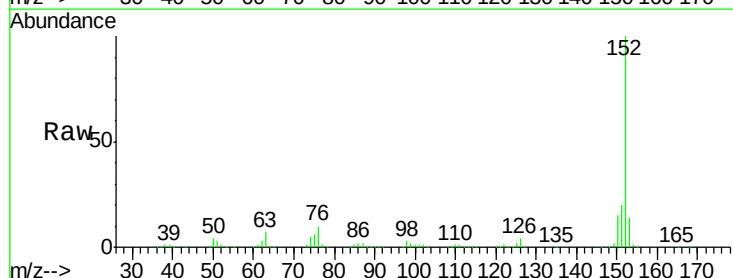
Tgt Ion: 152 Resp: 1035223

Ion Ratio Lower Upper

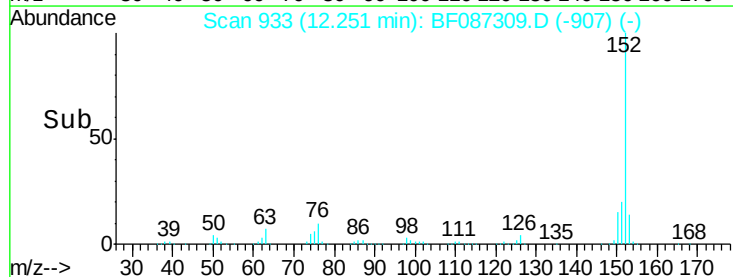
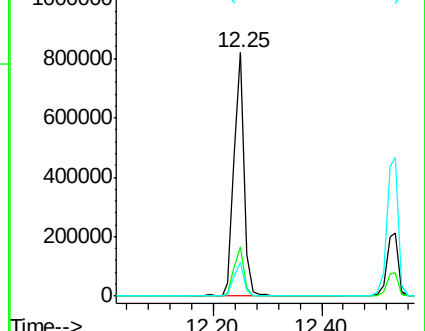
152 100

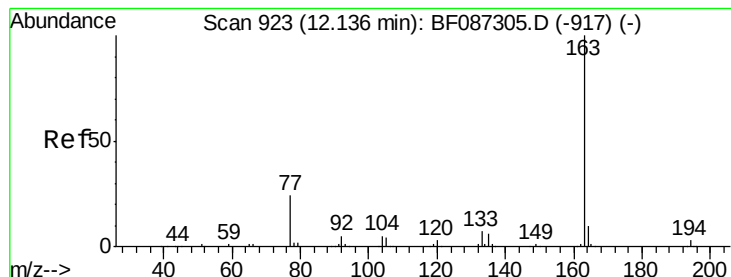
151 20.4 16.8 25.2

153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.88 ng

RT: 12.13 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

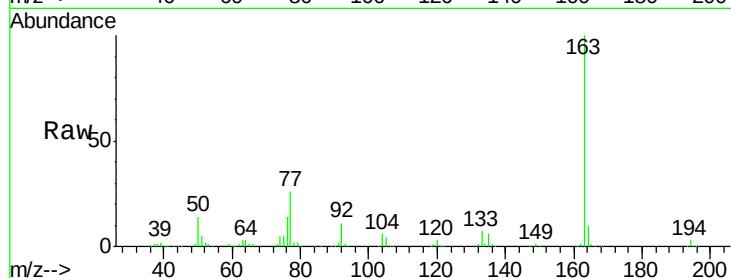
Tgt Ion:163 Resp: 775186

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

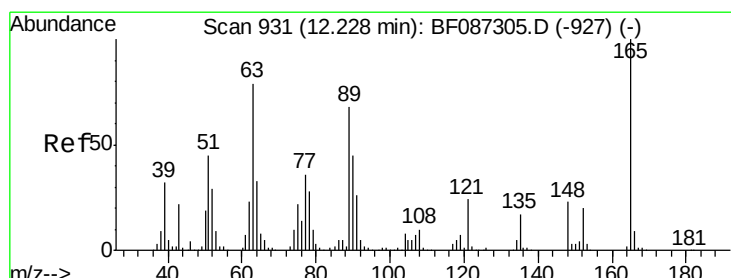
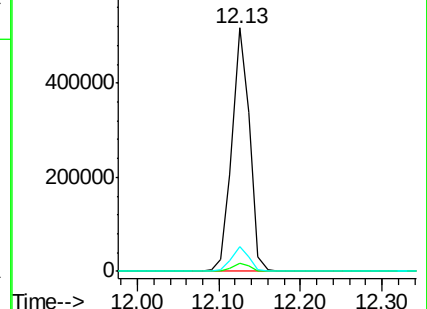
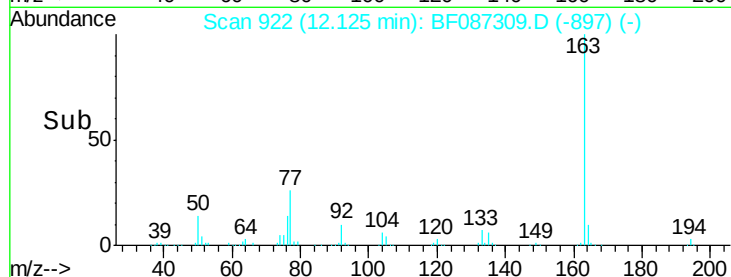
164 10.3 8.2 12.4



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: 39.21 ng

RT: 12.22 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

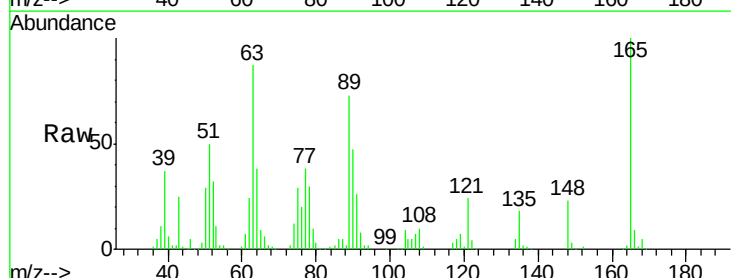
Tgt Ion:165 Resp: 161749

Ion Ratio Lower Upper

165 100

63 87.1 51.8 77.8#

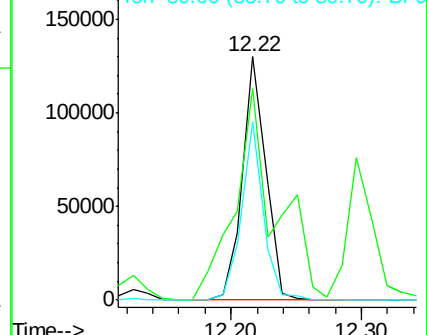
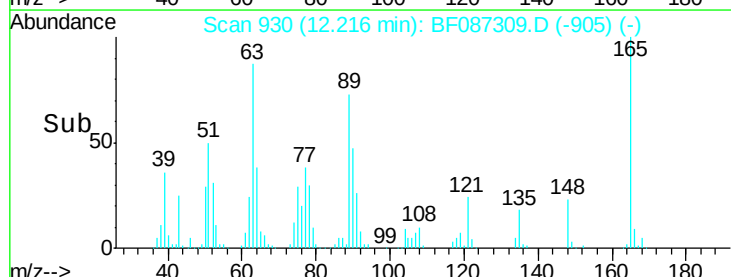
89 73.0 50.7 76.1

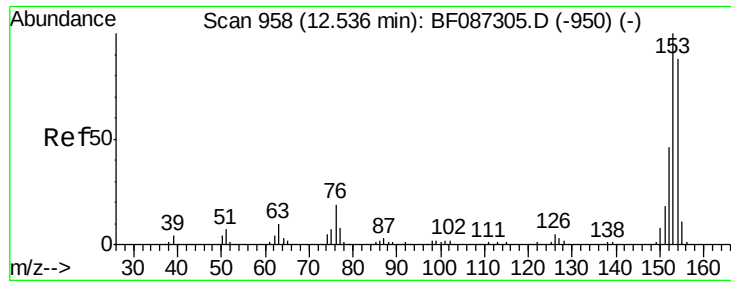


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.93 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

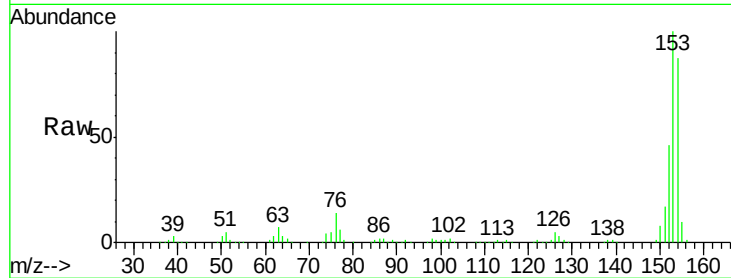
Tgt Ion:154 Resp: 621415

Ion Ratio Lower Upper

154 100

153 115.0 89.8 134.6

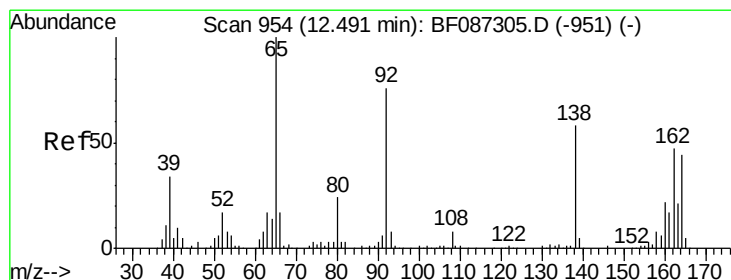
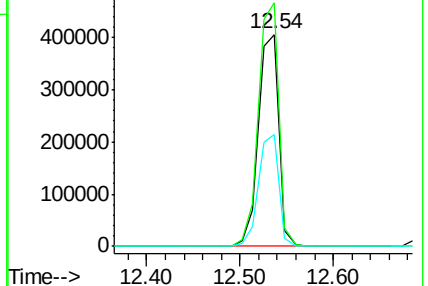
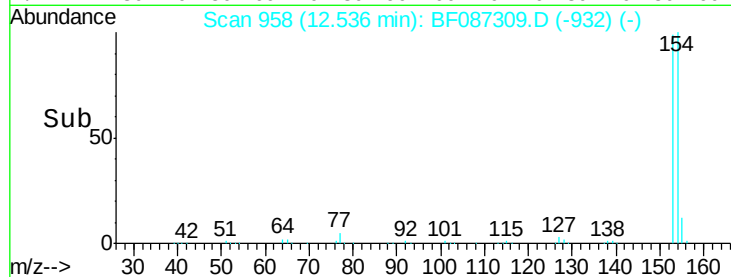
152 52.5 43.4 65.0



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: 37.96 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

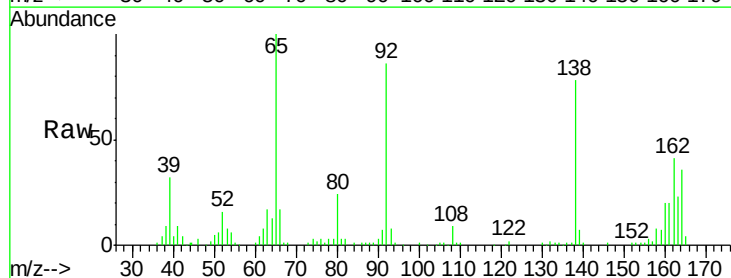
Tgt Ion:138 Resp: 169564

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.6

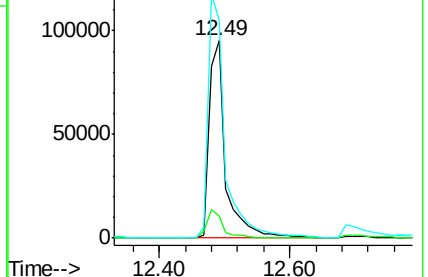
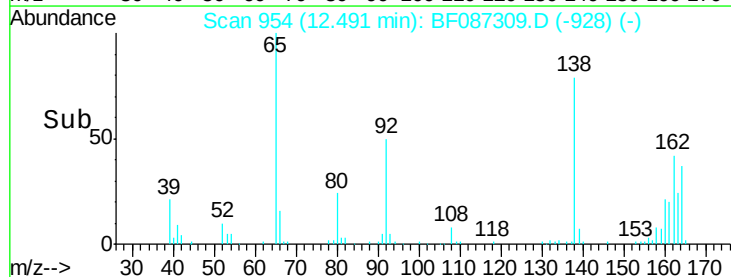
92 110.5 87.8 131.8

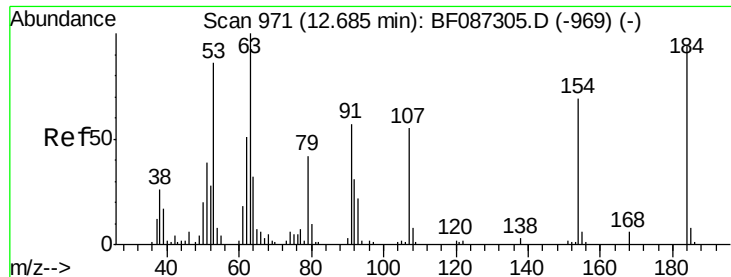


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

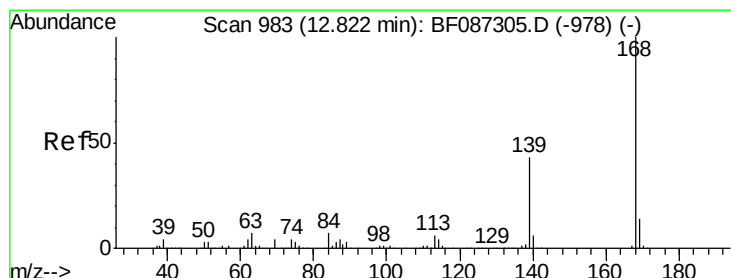
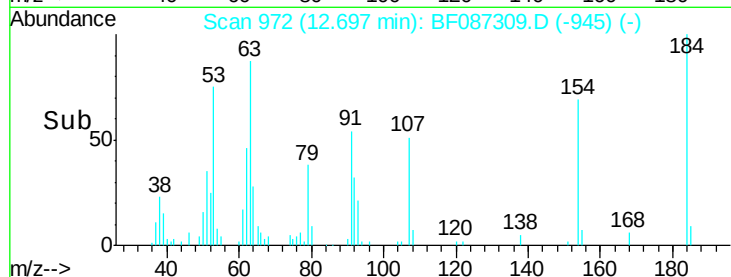
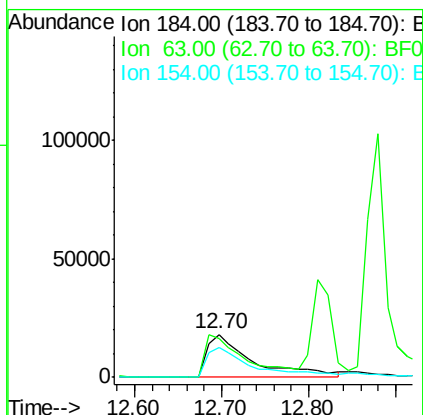
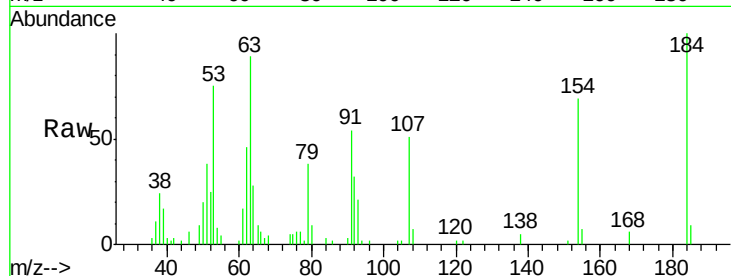




#53
2,4-Dinitrophenol
Concen: 32.62 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

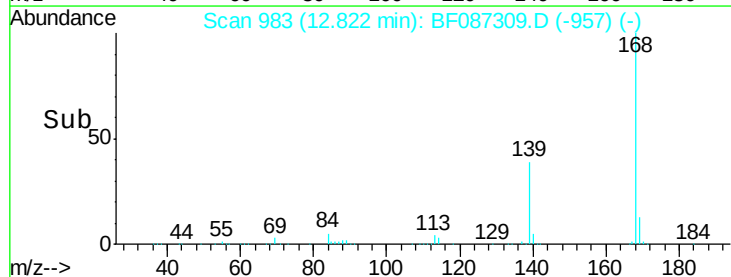
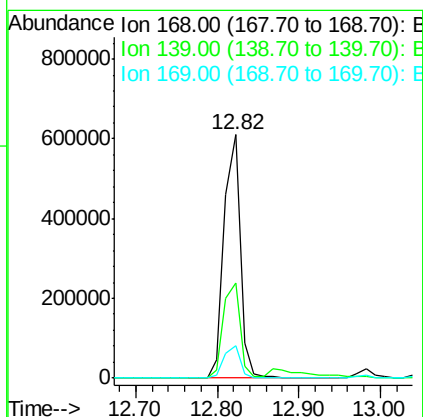
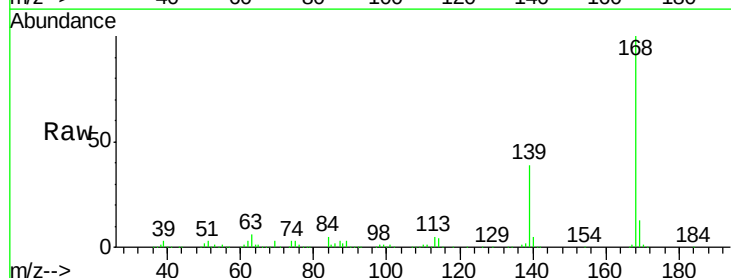
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

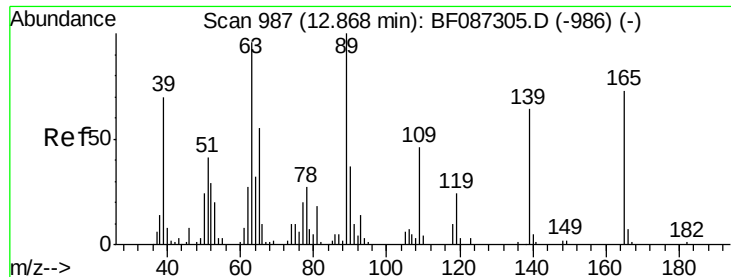
Tgt Ion:184 Resp: 66237
Ion Ratio Lower Upper
184 100
63 89.2 55.8 83.8#
154 69.2 62.4 93.6



#54
Dibenzofuran
Concen: 41.62 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:168 Resp: 842579
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.0
169 13.3 10.7 16.1

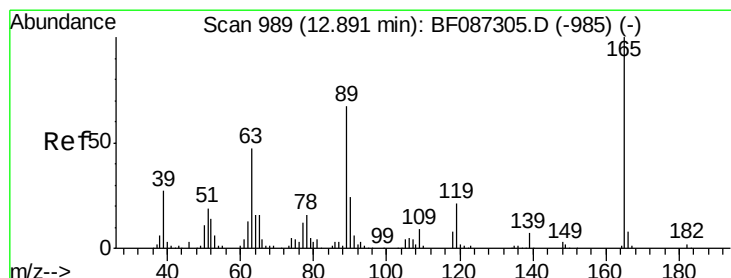
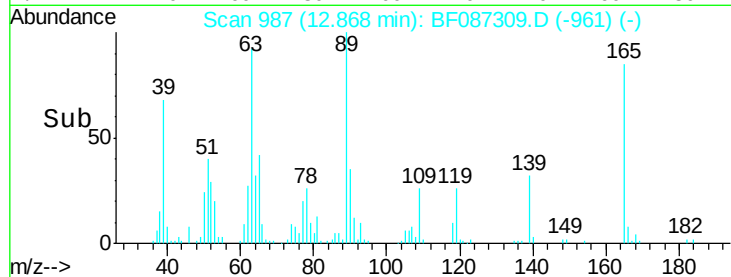
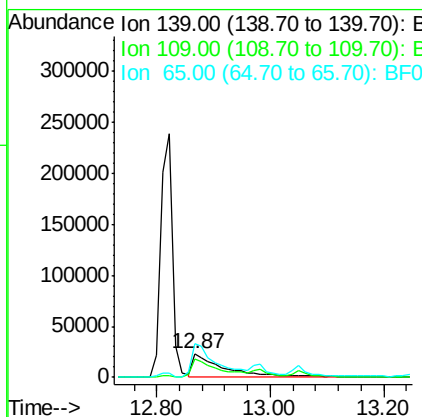
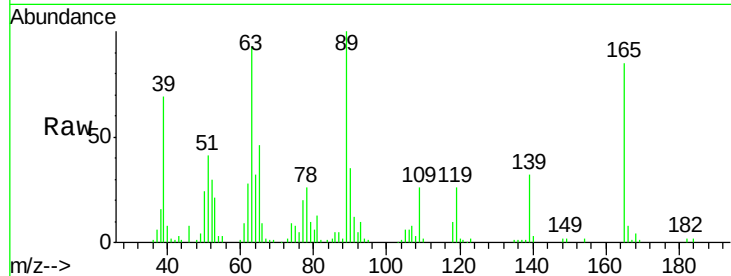




#55
4-Nitrophenol
Concen: 42.55 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

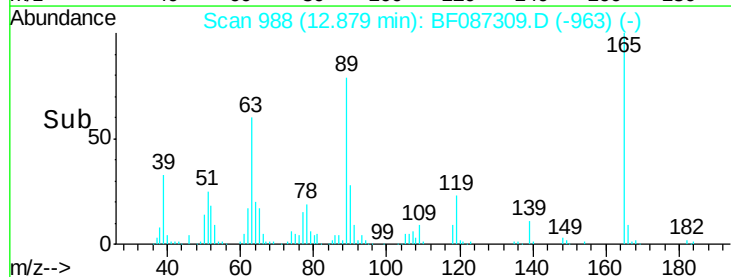
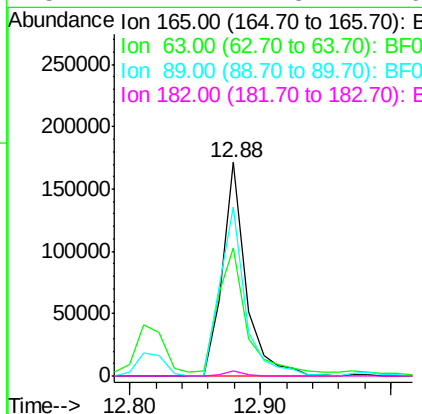
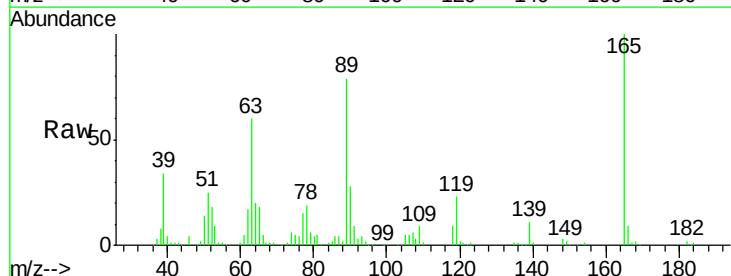
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

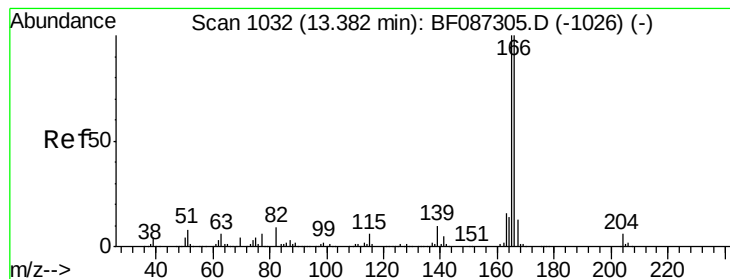
Tgt Ion:139 Resp: 81353
Ion Ratio Lower Upper
139 100
109 79.2 36.9 76.9#
65 143.2 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 40.52 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:165 Resp: 217689
Ion Ratio Lower Upper
165 100
63 59.9 44.3 66.5
89 79.2 70.0 105.0
182 2.4 1.8 2.6





#57

Fluorene

Concen: 43.07 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

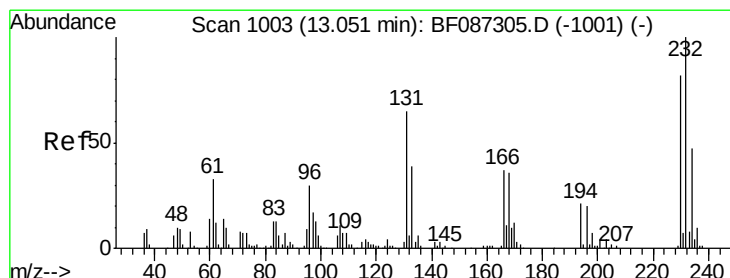
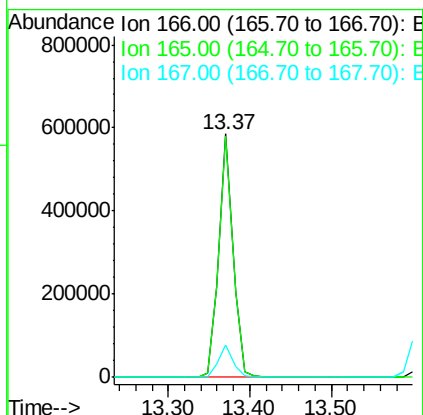
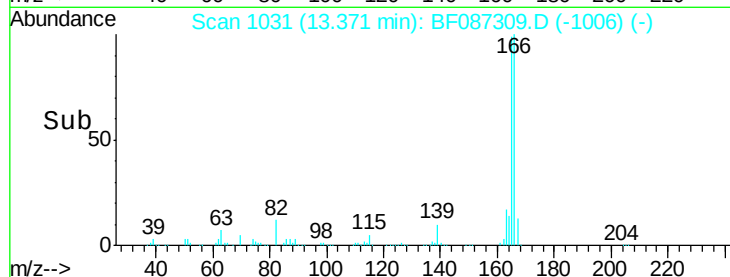
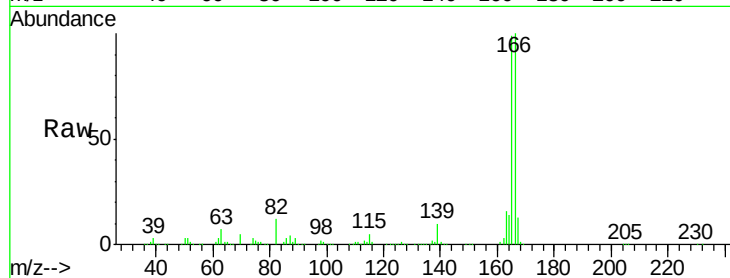
Tgt Ion:166 Resp: 714447

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.6

167 13.4 10.6 15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.74 ng

RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Tgt Ion:232 Resp: 145620

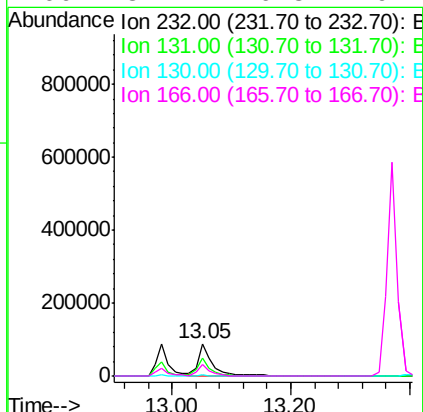
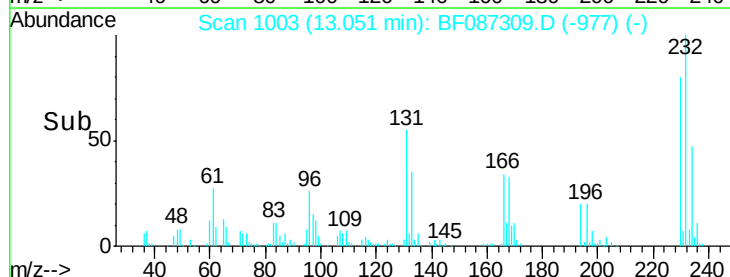
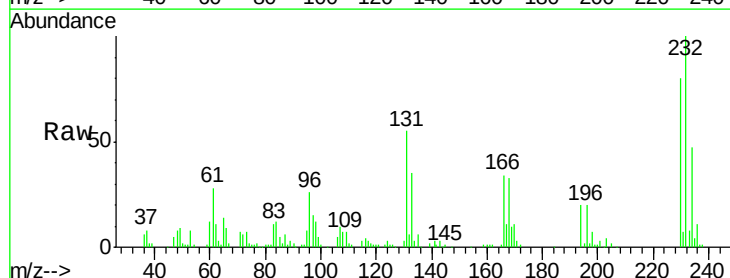
Ion Ratio Lower Upper

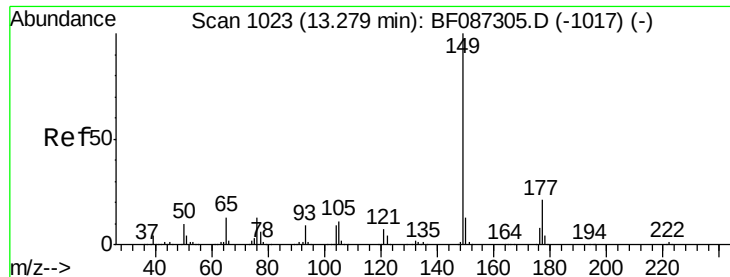
232 100

131 52.5 41.9 62.9

130 2.5 2.2 3.4

166 34.4 26.8 40.2

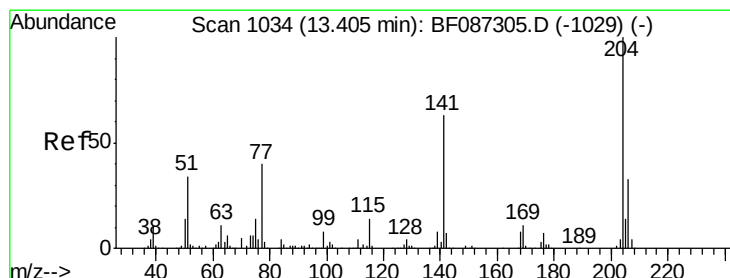
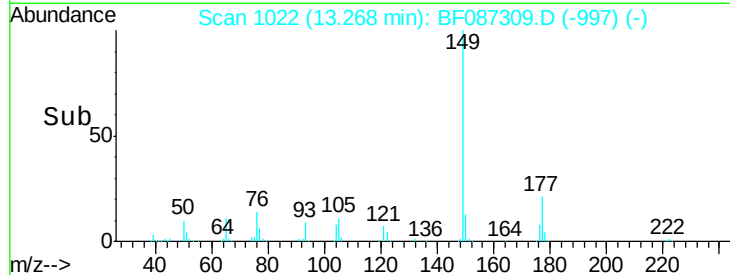
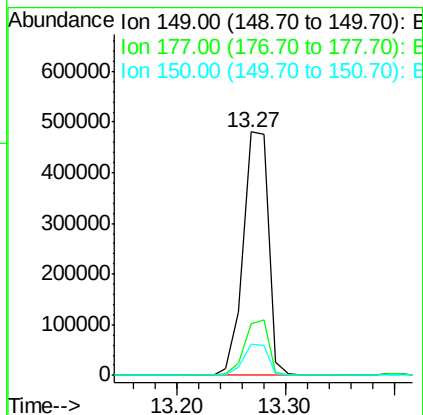
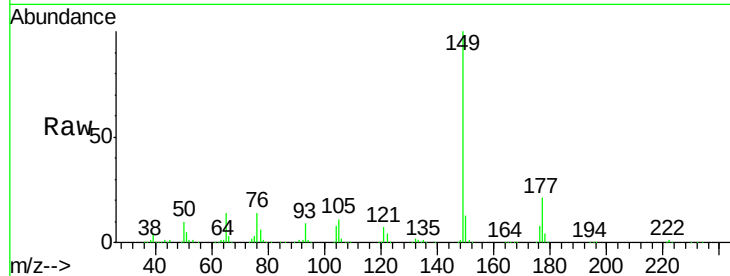




#59
Diethylphthalate
Concen: 42.22 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

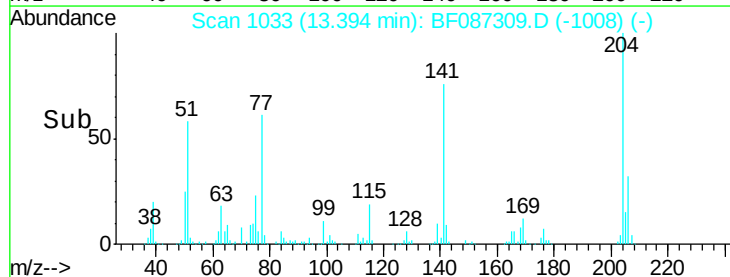
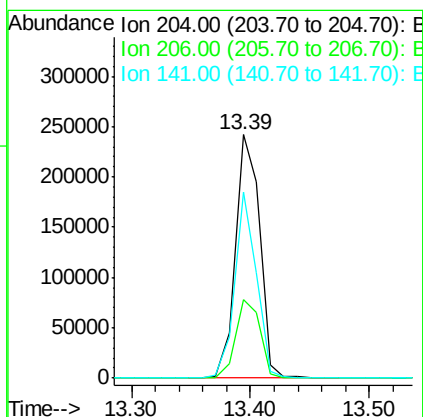
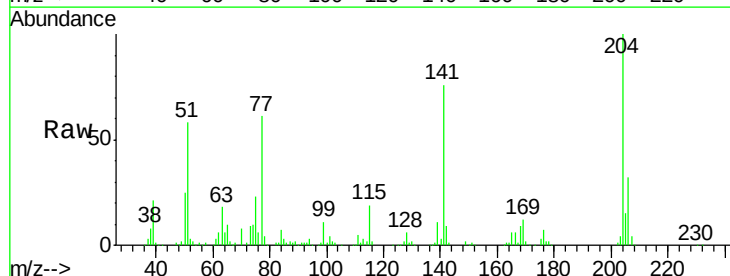
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

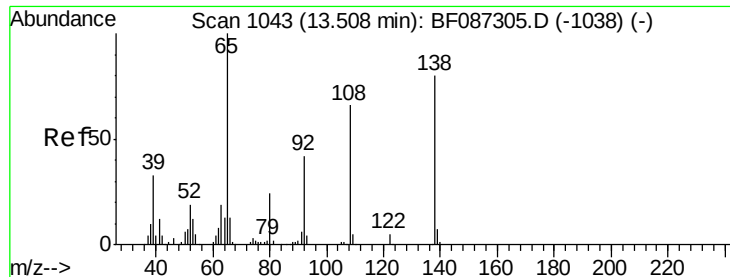
Tgt Ion:149 Resp: 774357
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 44.79 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:204 Resp: 344066
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 76.4 61.6 92.4

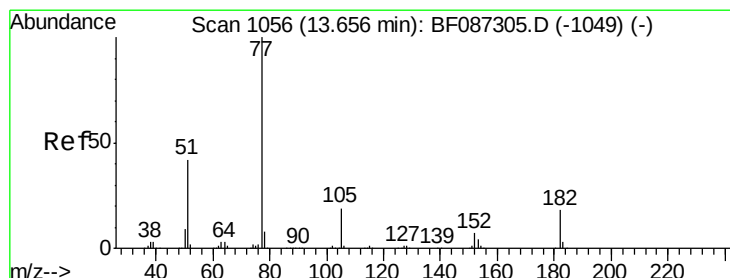
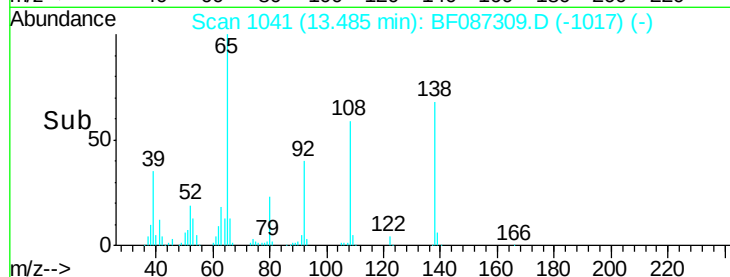
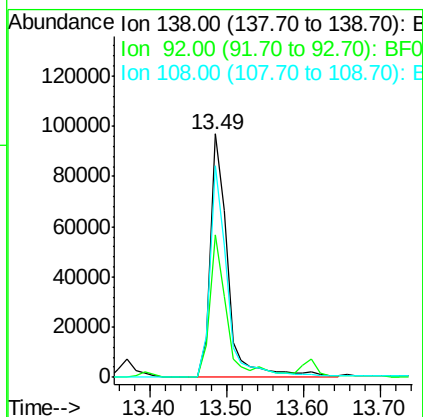
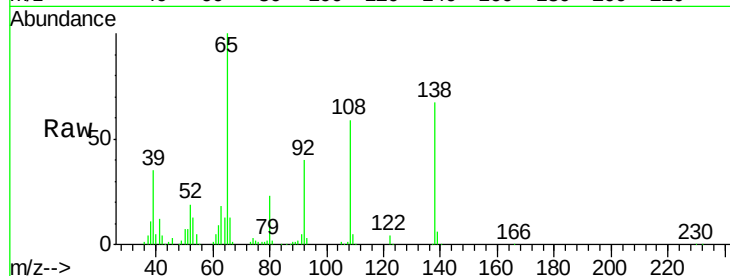




#61
4-Nitroaniline
Concen: 35.20 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

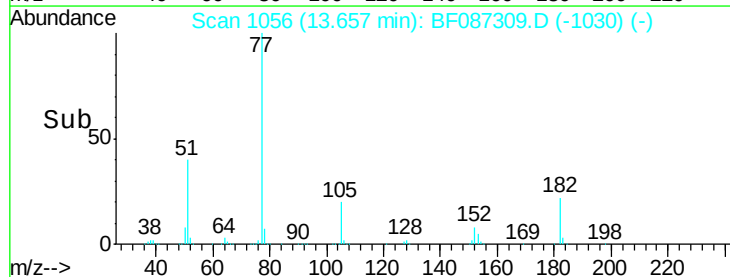
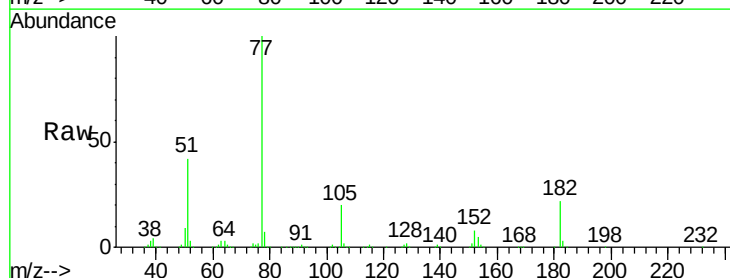
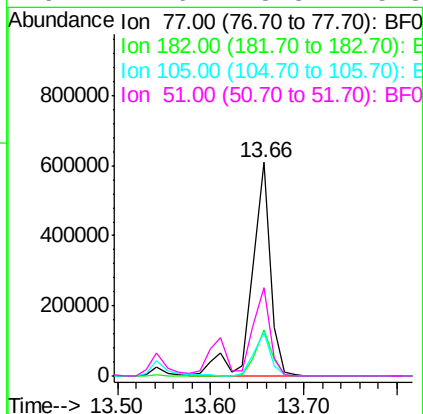
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

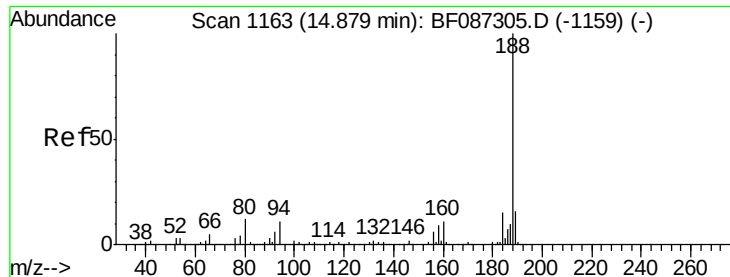
Tgt Ion:138 Resp: 153257
Ion Ratio Lower Upper
138 100
92 58.6 24.7 64.7
108 86.9 37.4 77.4#



#62
Azobenzene
Concen: 39.18 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion: 77 Resp: 827550
Ion Ratio Lower Upper
77 100
182 21.5 0.0 38.8
105 20.4 3.2 43.2
51 41.6 8.8 48.8

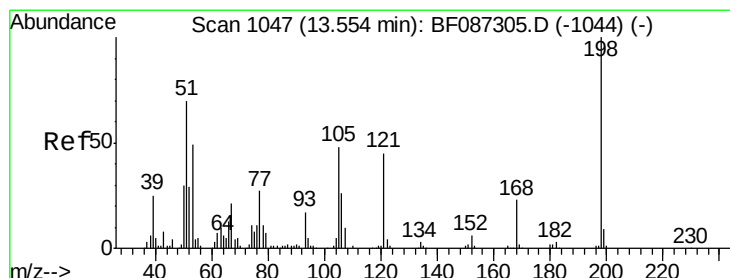
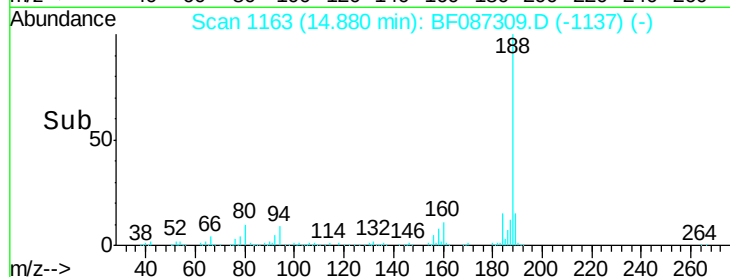
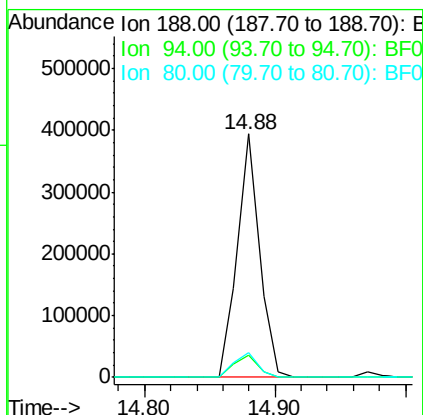
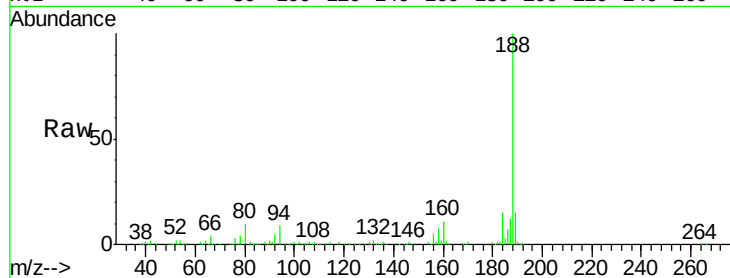




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

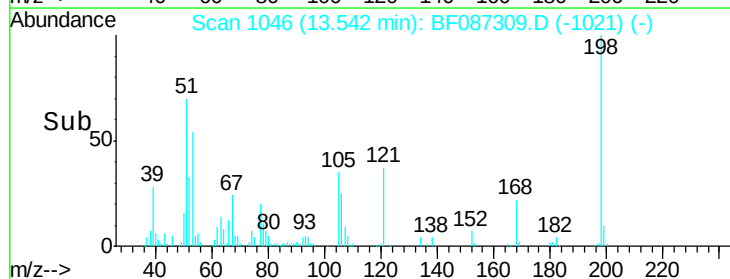
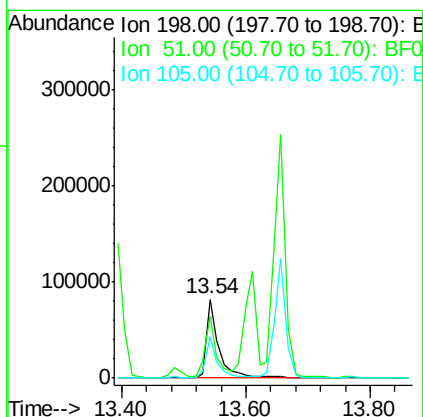
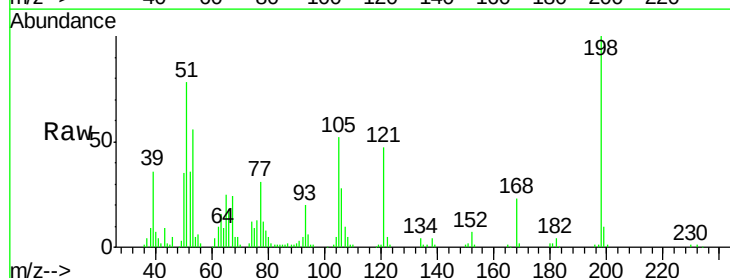
Instrument :
BNA_F
ClientSampleId :
ICVBF052316

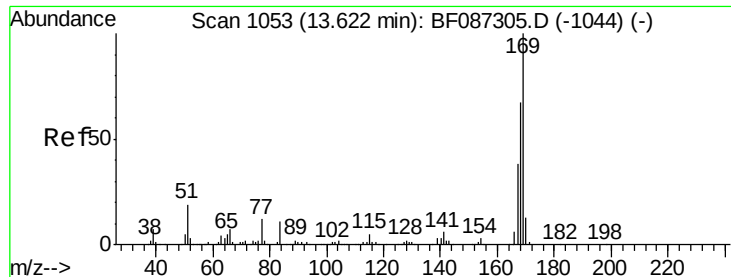
Tgt Ion:188 Resp: 468308
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 10.4 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 37.65 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087309.D
Acq: 23 May 2016 19:59

Tgt Ion:198 Resp: 116063
Ion Ratio Lower Upper
198 100
51 78.5 20.5 60.5#
105 52.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 39.58 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

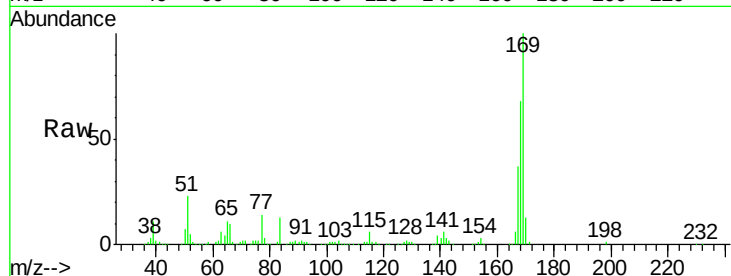
Tgt Ion:169 Resp: 583634

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

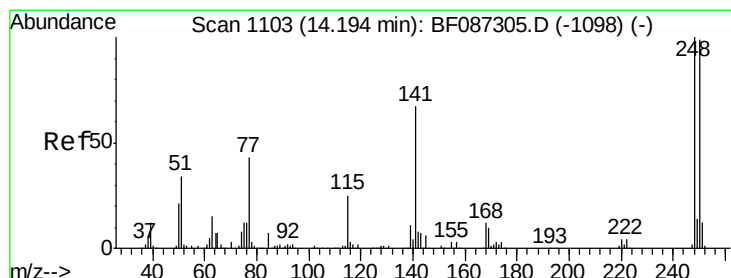
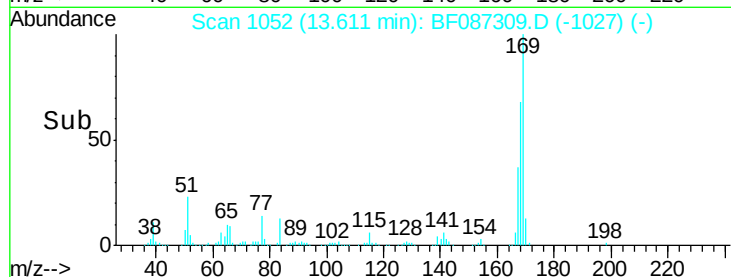
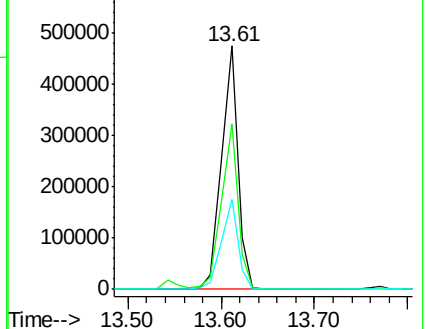
167 37.1 29.5 44.3



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: 40.61 ng

RT: 14.18 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

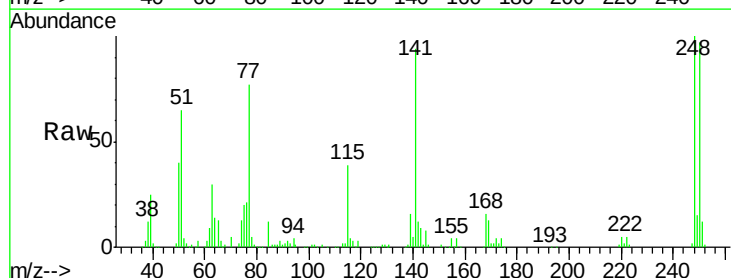
Tgt Ion:248 Resp: 200181

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

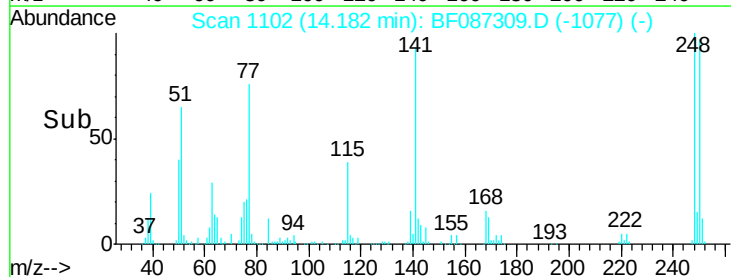
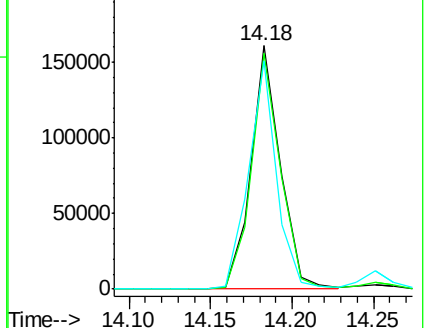
141 93.7 76.0 114.0

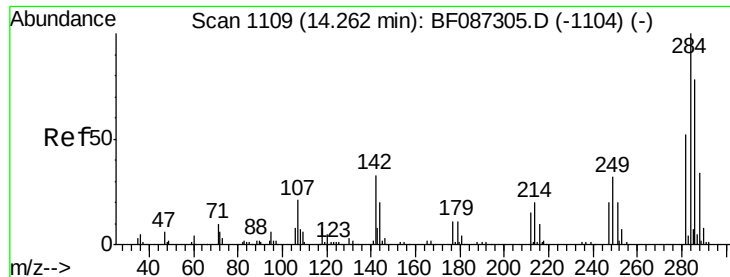


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.73 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

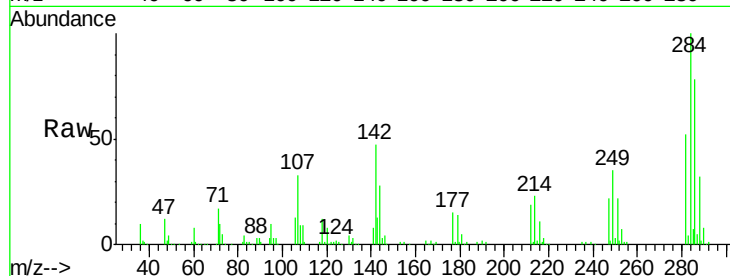
Tgt Ion:284 Resp: 207902

Ion Ratio Lower Upper

284 100

142 46.9 16.7 25.1#

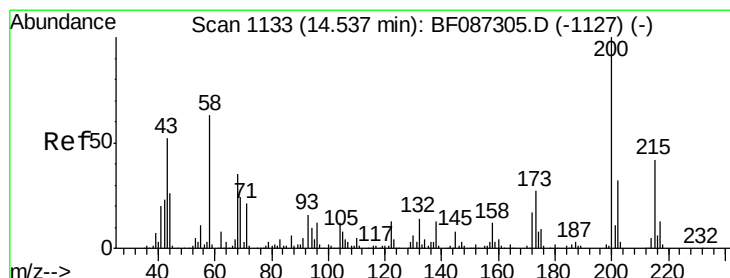
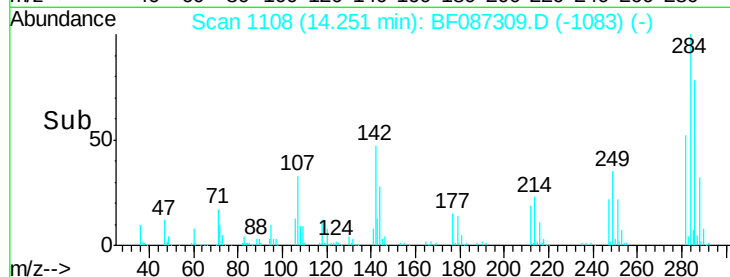
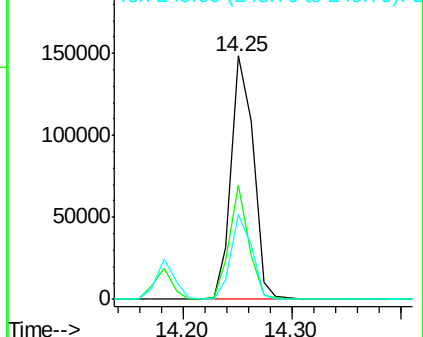
249 34.8 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.73 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

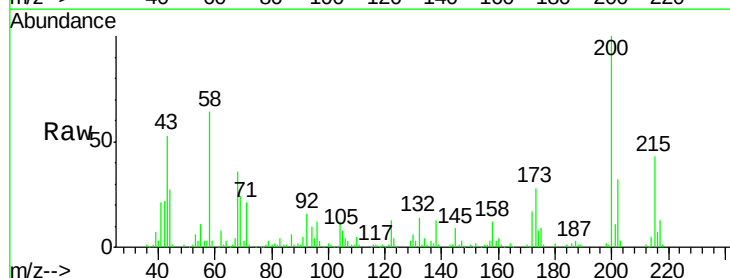
Tgt Ion:200 Resp: 176226

Ion Ratio Lower Upper

200 100

173 27.6 8.5 48.5

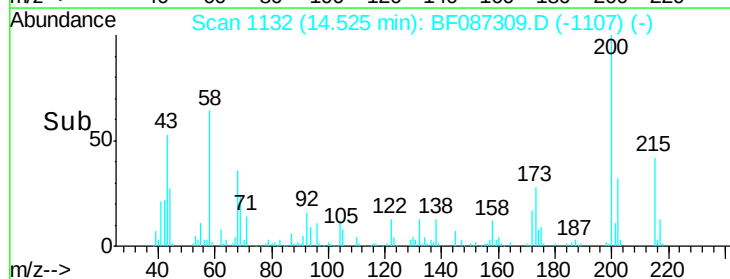
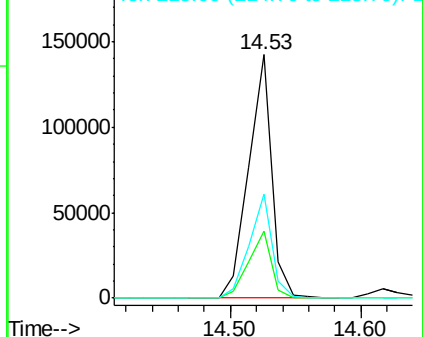
215 42.9 27.2 67.2

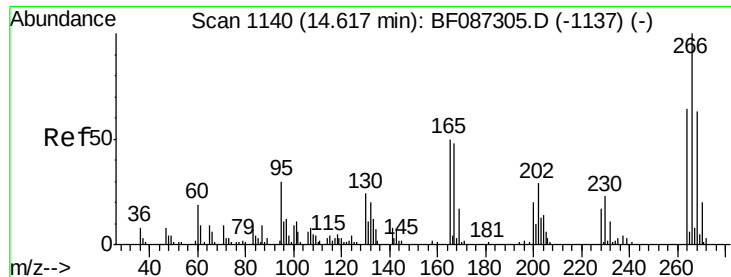


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

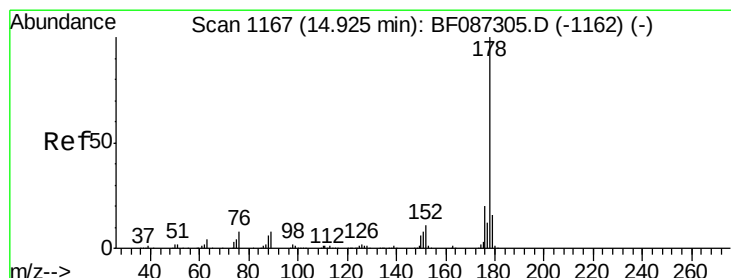
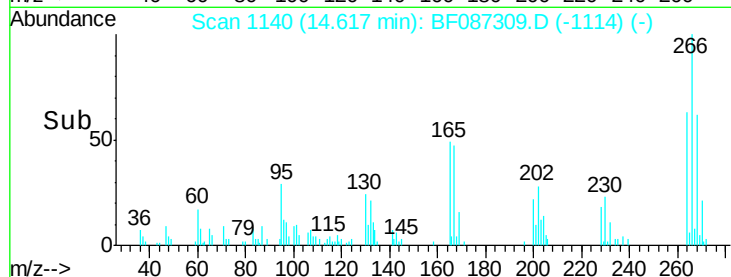
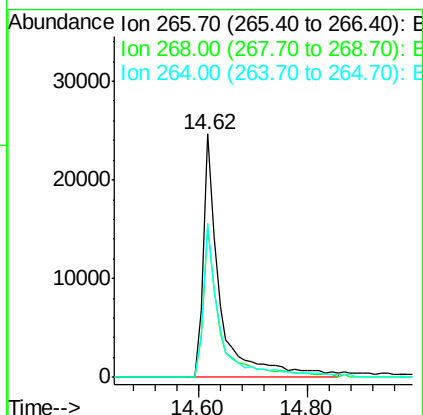
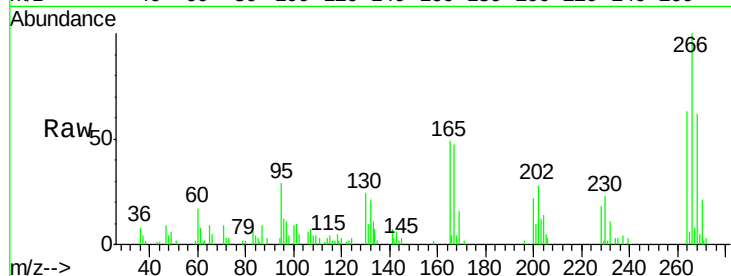




#69
 Pentachlorophenol
 Concen: 26.63 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

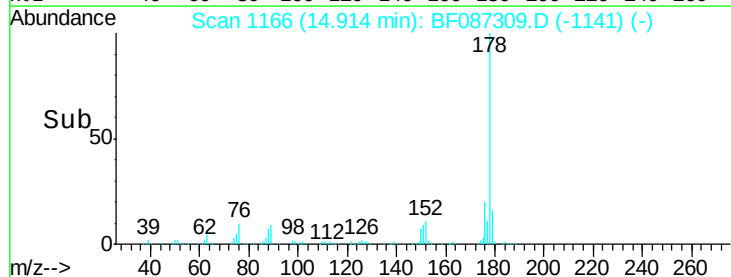
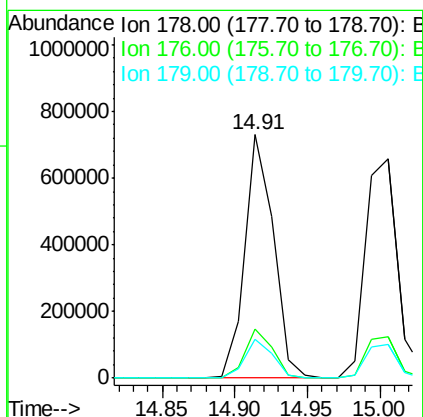
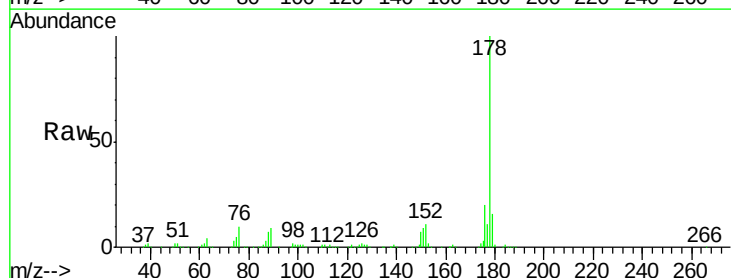
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

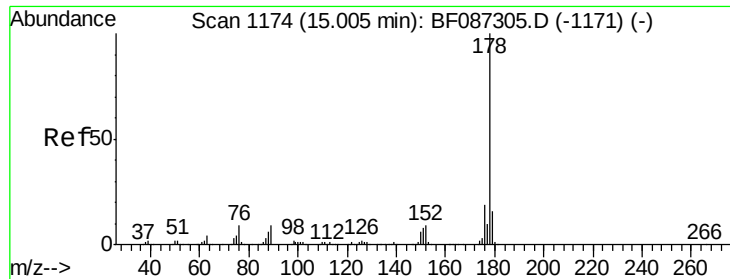
Tgt Ion: 266 Resp: 52767
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.5 77.3
 264 63.4 52.9 79.3



#70
 Phenanthrene
 Concen: 39.51 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion: 178 Resp: 999887
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.9 12.6 18.8

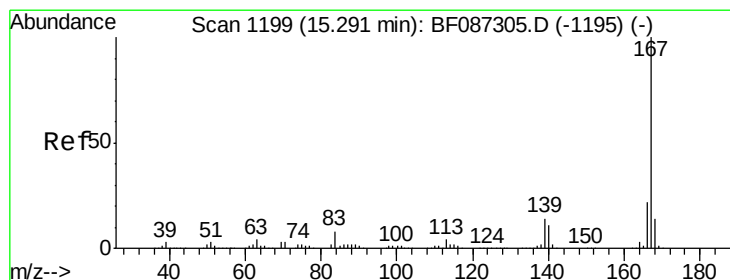
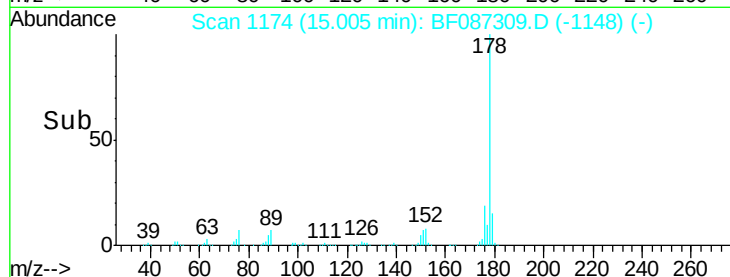
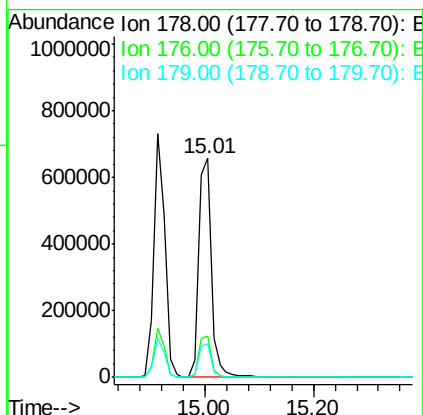
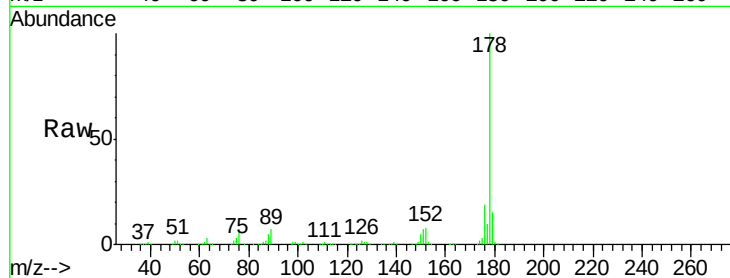




#71
 Anthracene
 Concen: 39.96 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

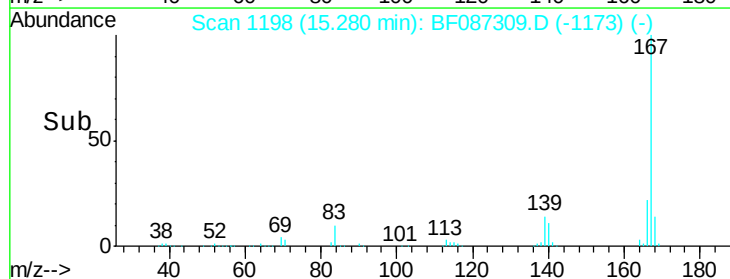
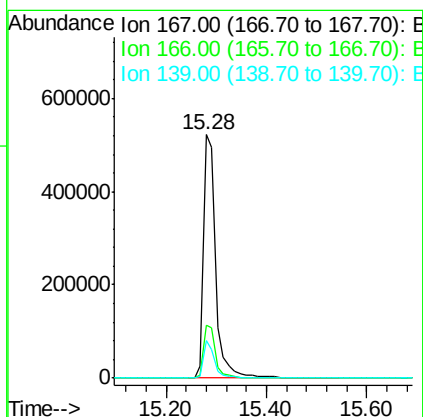
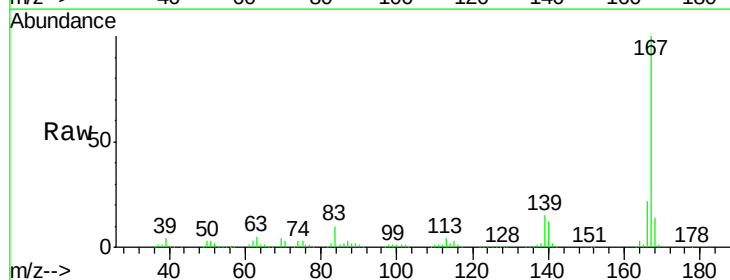
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

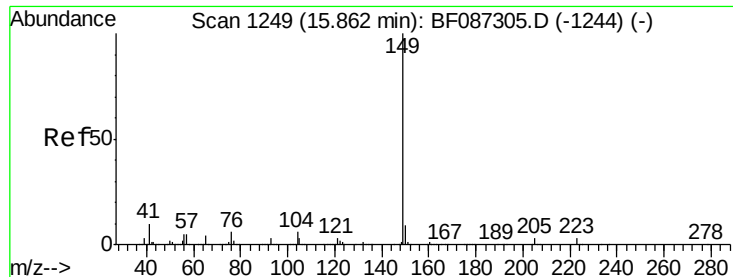
Tgt Ion:178 Resp: 1045407
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 37.99 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion:167 Resp: 882183
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 15.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.71 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

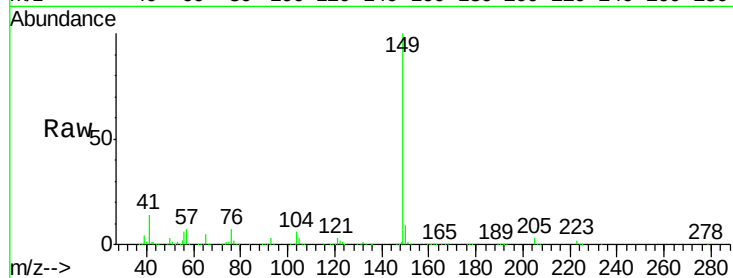
Tgt Ion:149 Resp: 1162028

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

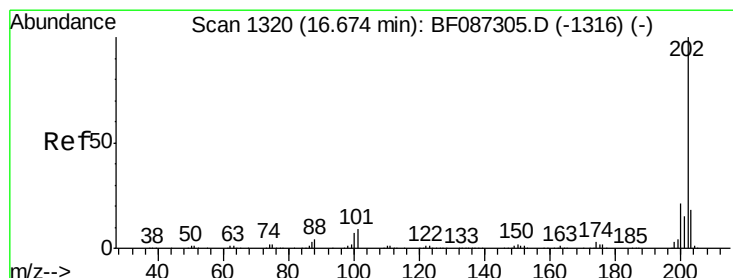
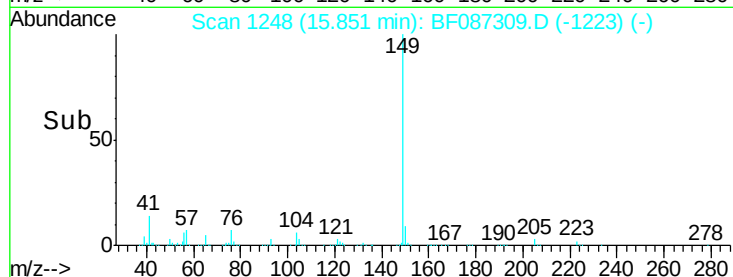
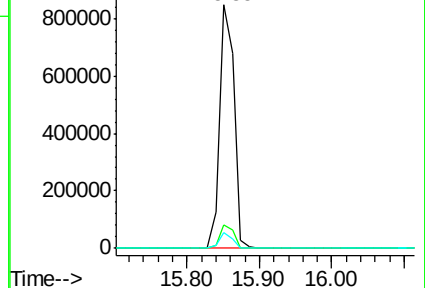
104 6.4 3.8 5.6#



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: 38.93 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

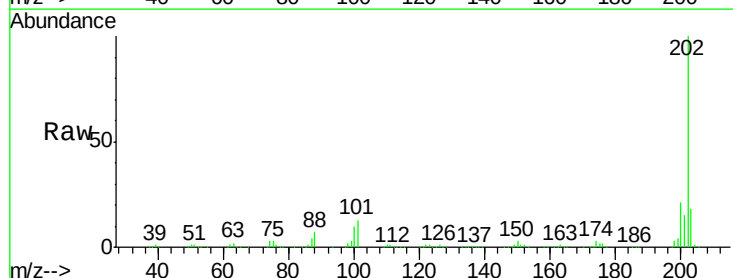
Tgt Ion:202 Resp: 1000649

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

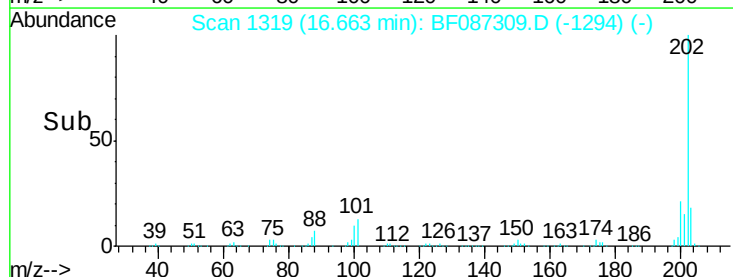
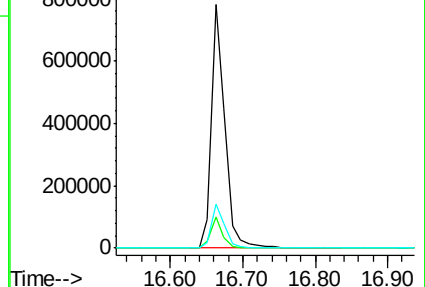
203 18.0 0.0 38.1

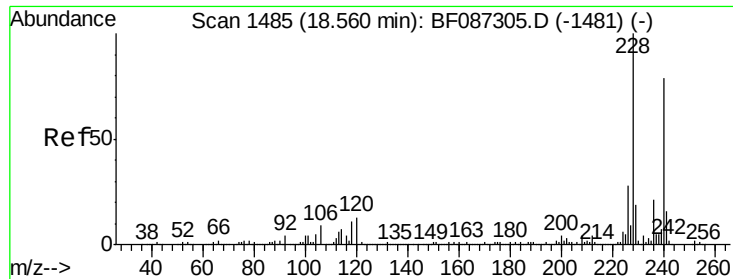


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

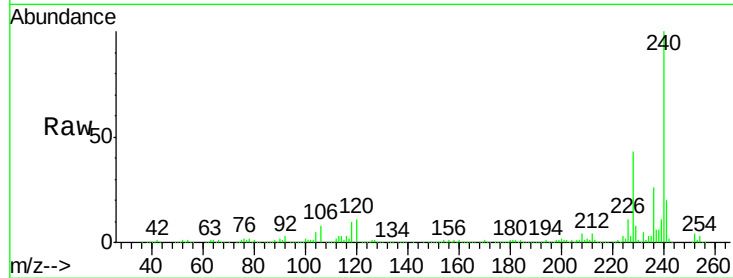
Tgt Ion:240 Resp: 372570

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

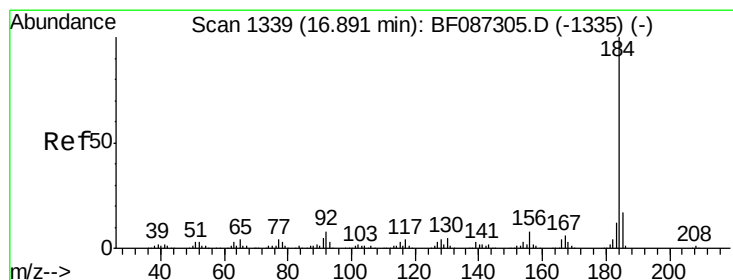
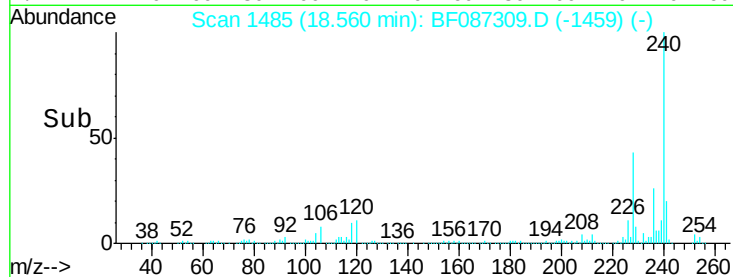
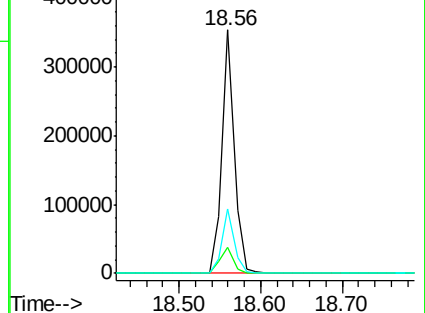
236 26.3 21.2 31.8



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: 39.69 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

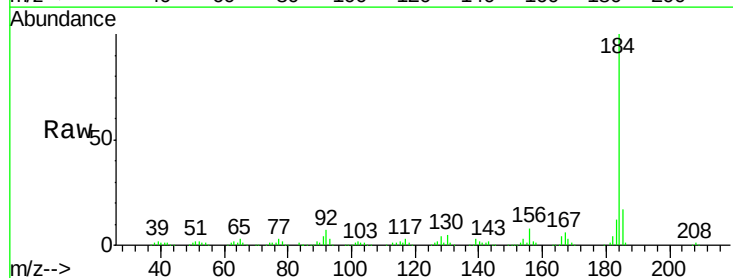
Tgt Ion:184 Resp: 389474

Ion Ratio Lower Upper

184 100

185 16.6 13.6 20.4

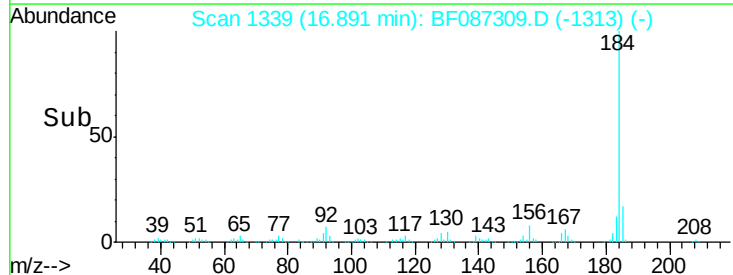
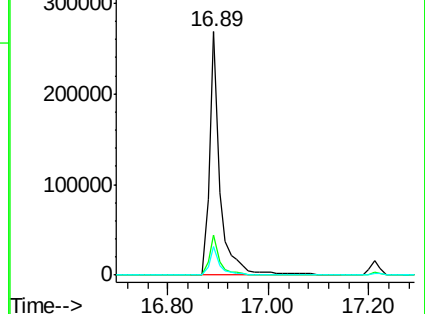
183 11.7 9.8 14.6

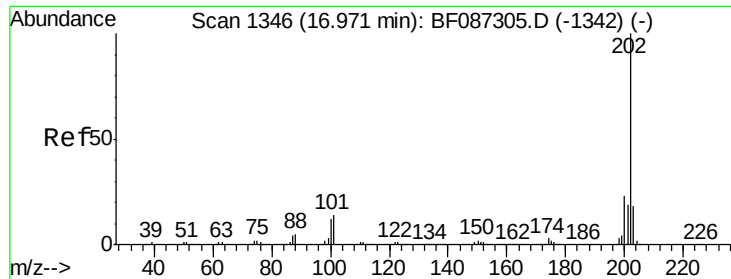


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.88 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

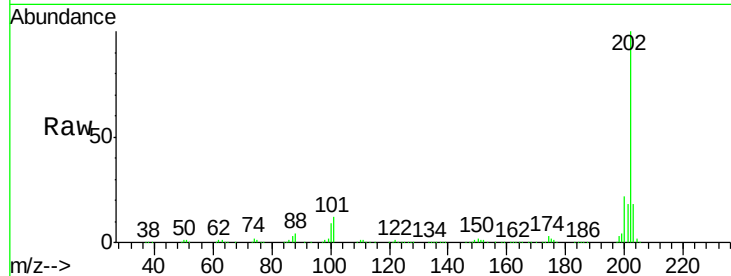
Tgt Ion:202 Resp: 1043795

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

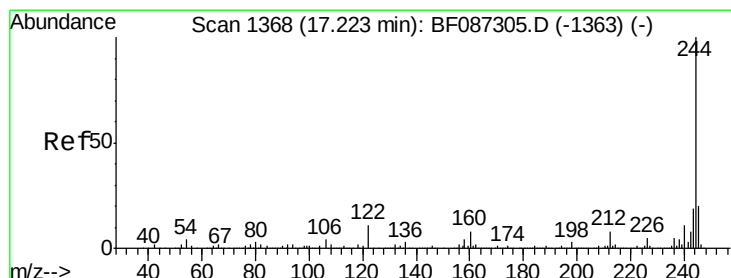
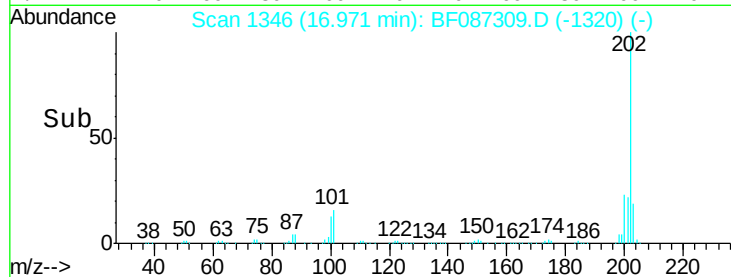
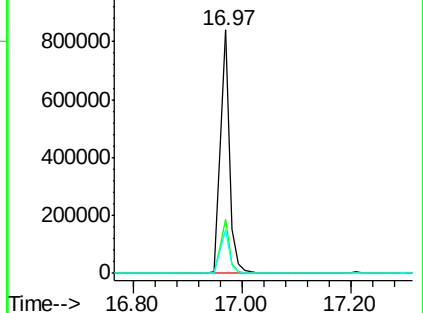
203 17.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.73 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

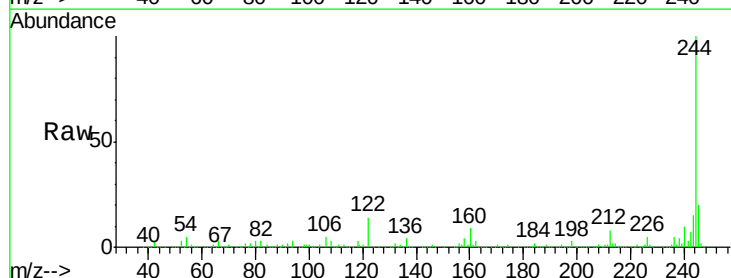
Tgt Ion:244 Resp: 1281909

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

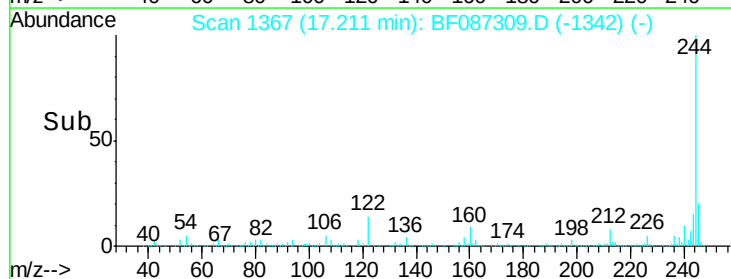
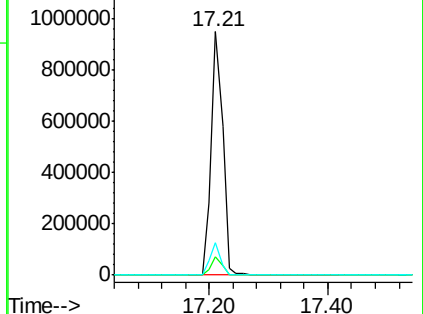
122 13.5 12.0 18.0

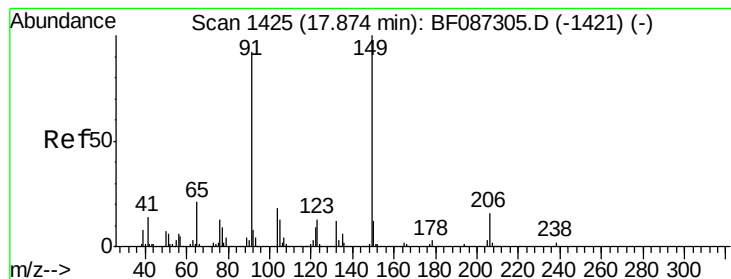


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.18 ng

RT: 17.87 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

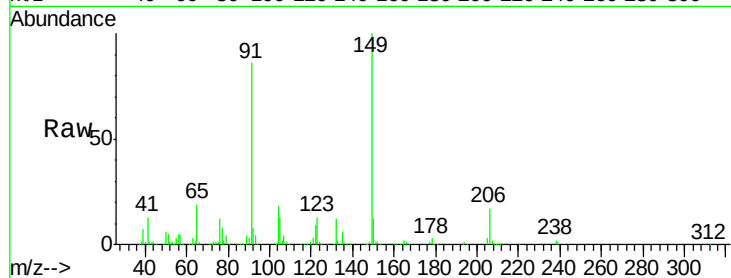
Tgt Ion:149 Resp: 458164

Ion Ratio Lower Upper

149 100

91 86.0 48.0 72.0#

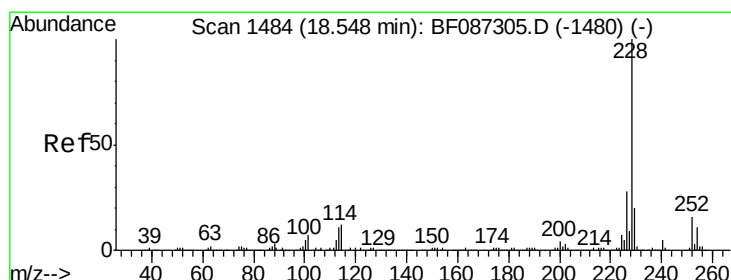
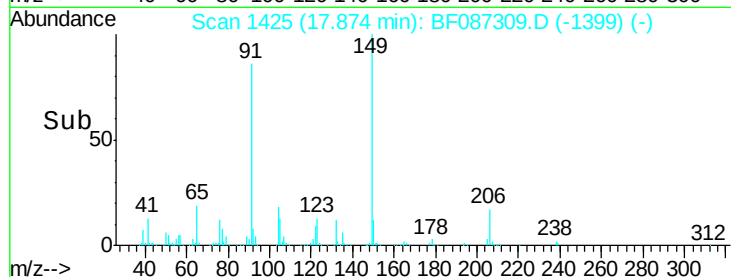
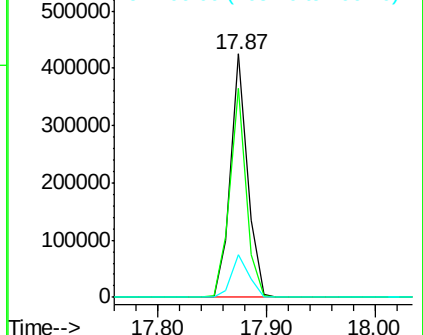
206 17.4 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.97 ng

RT: 18.55 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

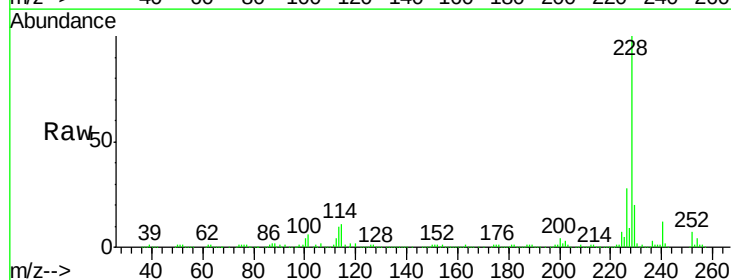
Tgt Ion:228 Resp: 801920

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

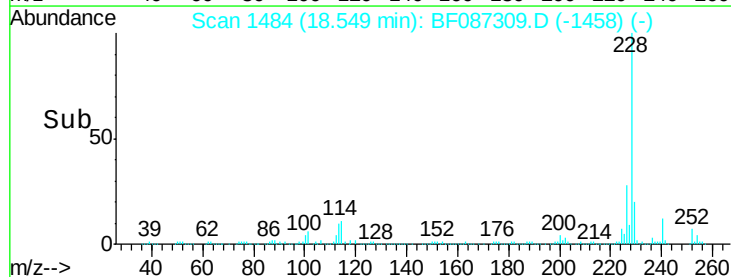
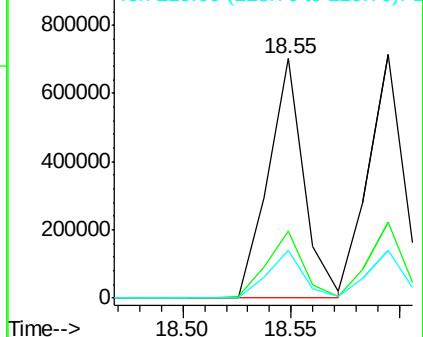
229 20.0 16.6 25.0

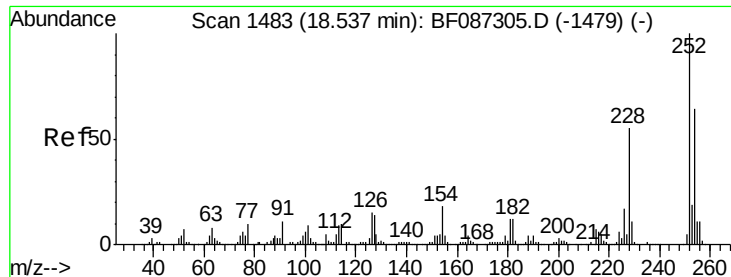


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

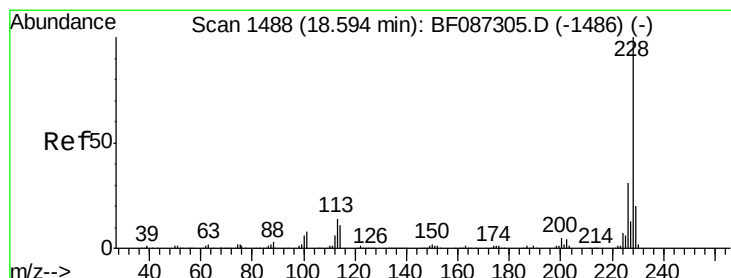
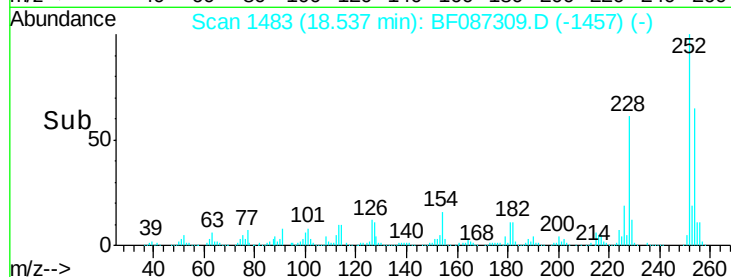
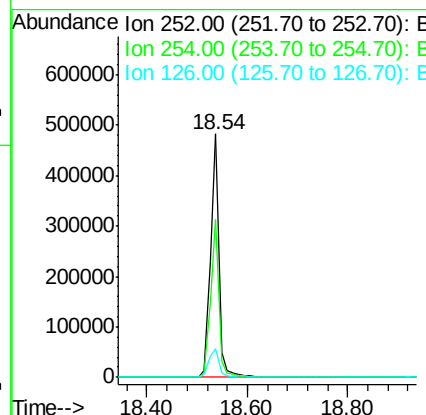
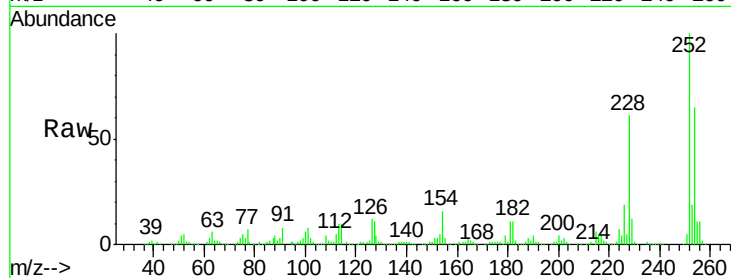




#81
 3,3'-Dichlorobenzidine
 Concen: 41.72 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

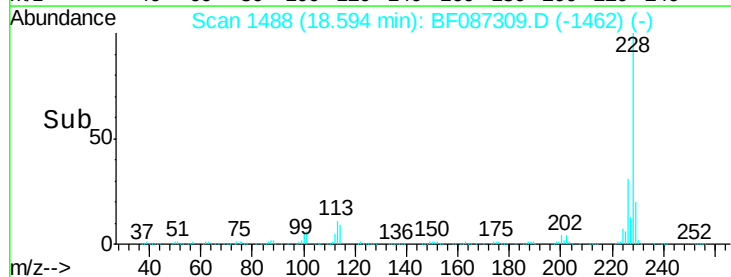
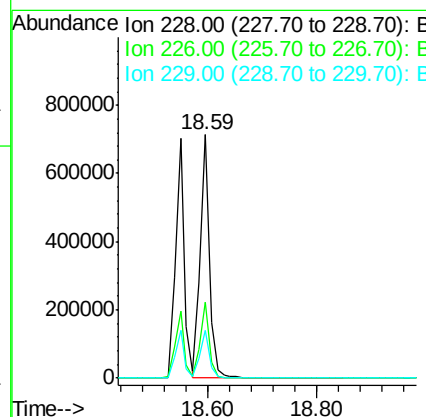
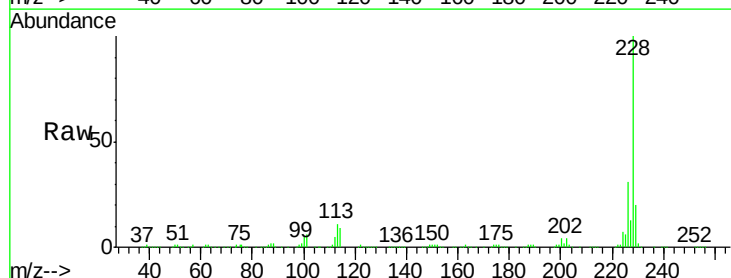
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

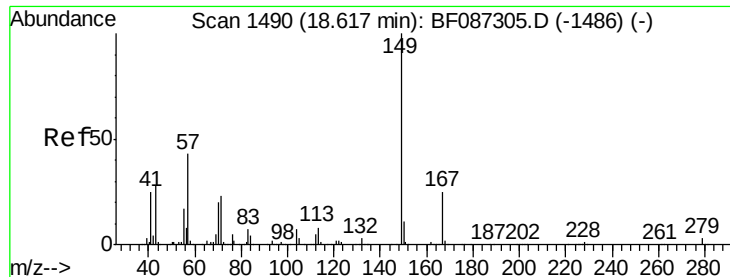
Tgt Ion: 252 Resp: 561151
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.7 76.1
 126 11.7 12.7 19.1#



#82
 Chrysene
 Concen: 39.65 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion: 228 Resp: 826694
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 19.7 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.28 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

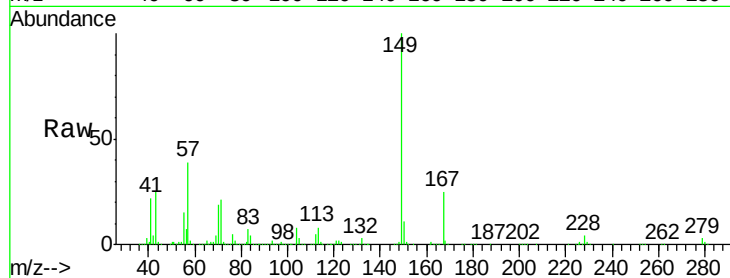
Tgt Ion:149 Resp: 678900

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.6

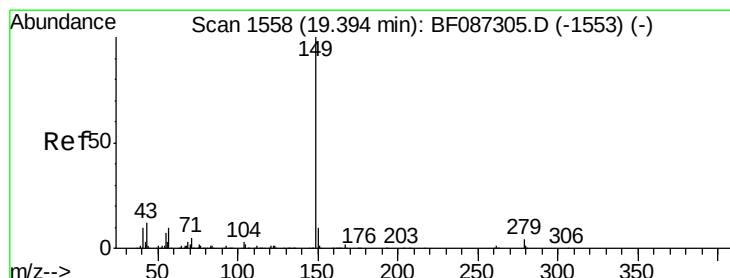
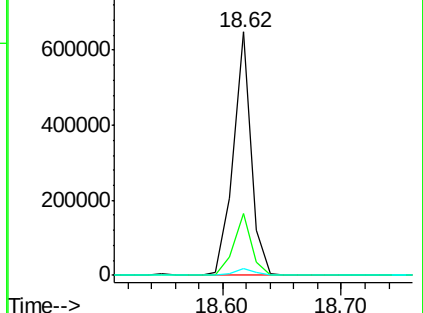
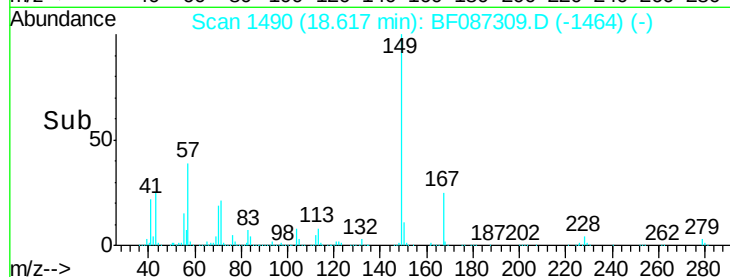
279 2.8 2.6 4.0



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: 42.92 ng

RT: 19.38 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

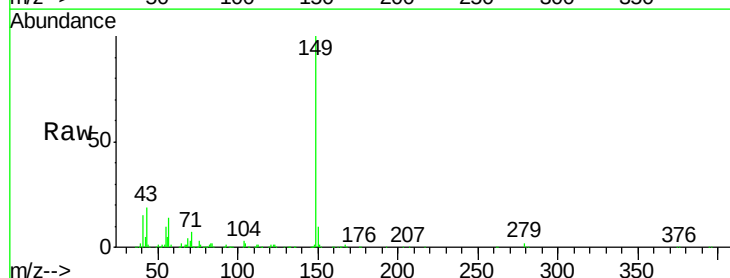
Tgt Ion:149 Resp: 1056855

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

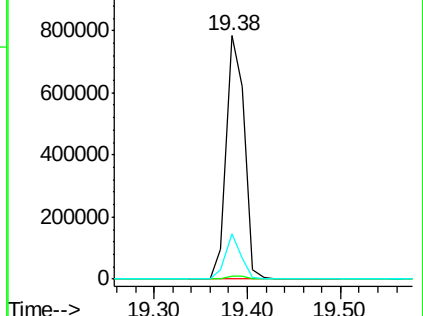
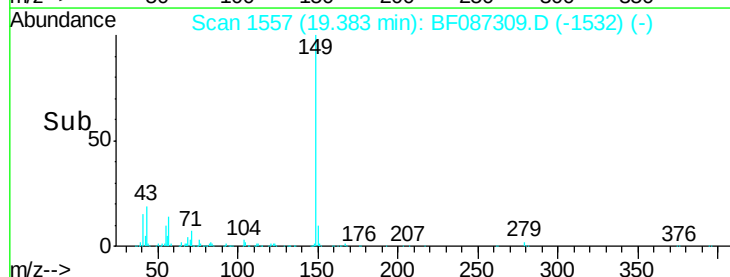
43 16.6 8.2 12.4#

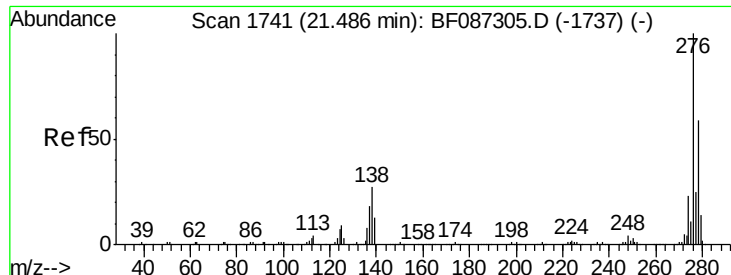


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

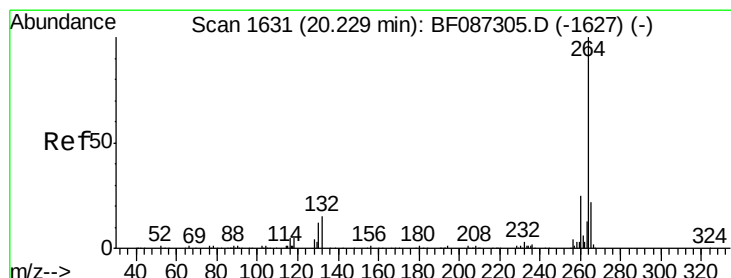
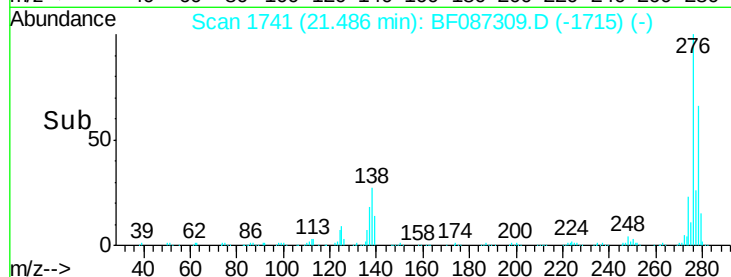
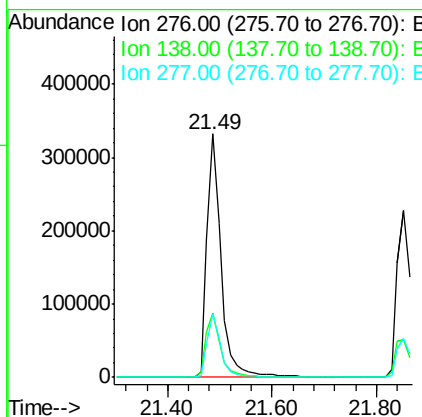
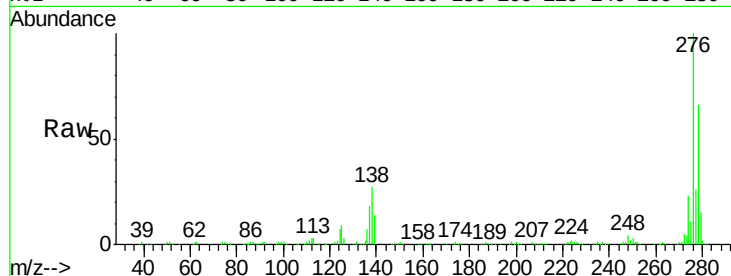




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.43 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

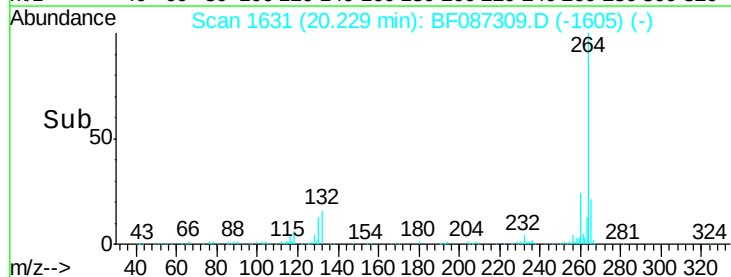
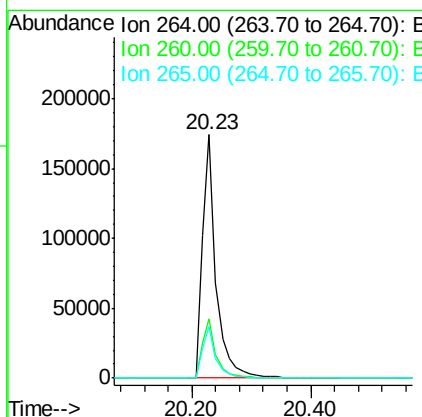
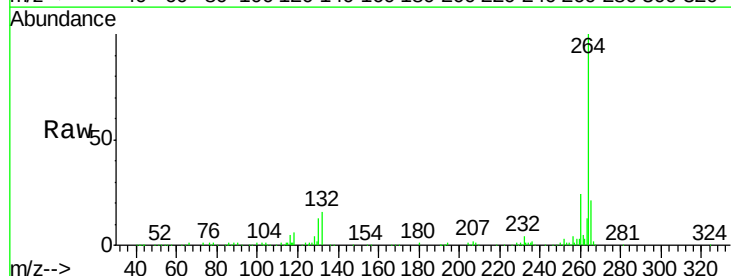
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052316

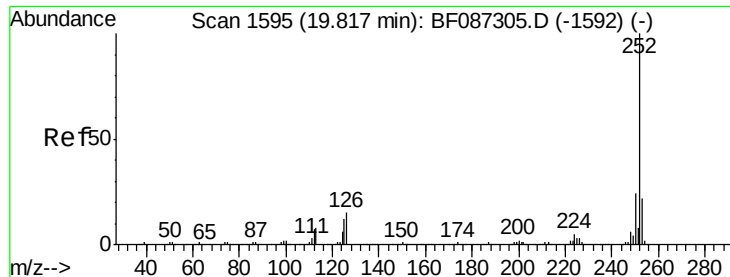
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087309.D
 Acq: 23 May 2016 19:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 70.45 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

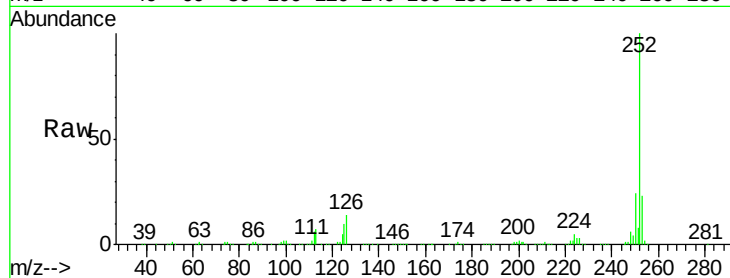
Tgt Ion:252 Resp: 1357027

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

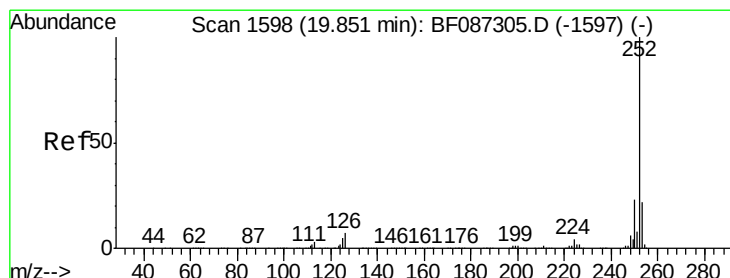
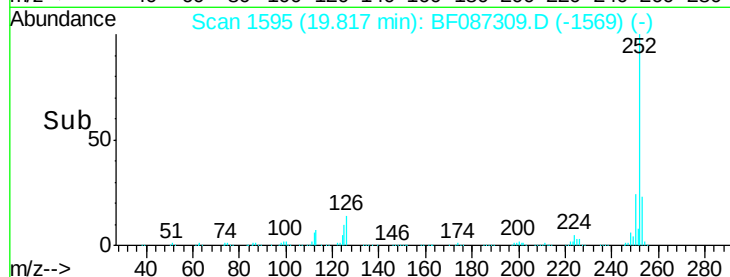
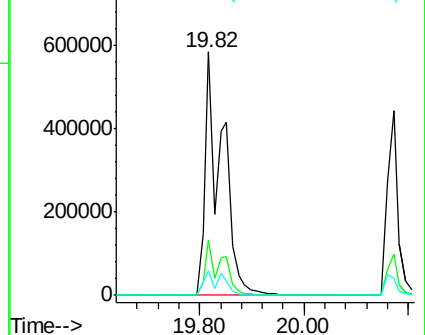
125 10.1 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.78 ng

RT: 19.82 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

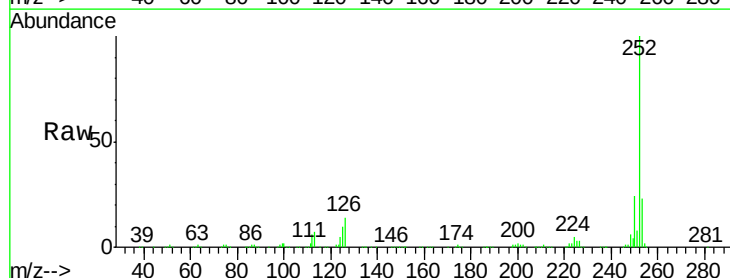
Tgt Ion:252 Resp: 1358096

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

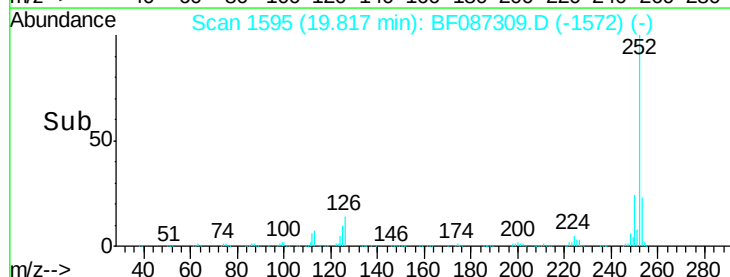
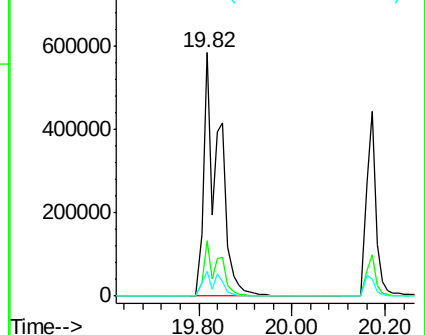
125 10.1 9.1 13.7

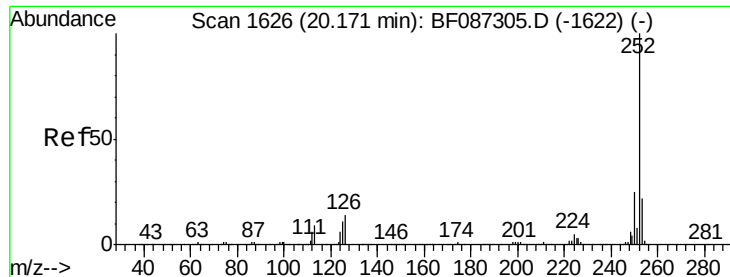


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.55 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316

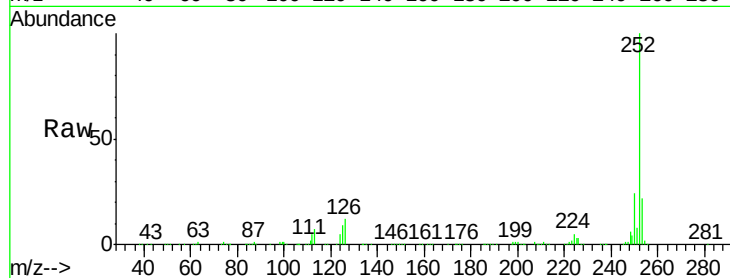
Tgt Ion:252 Resp: 631154

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

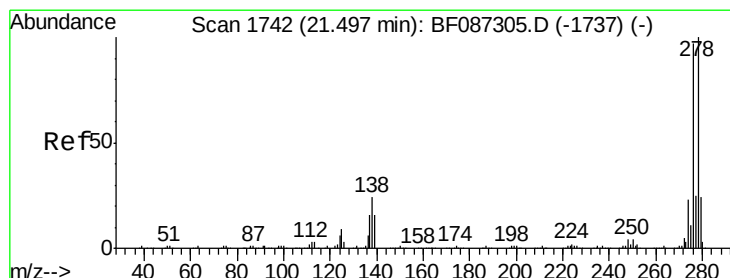
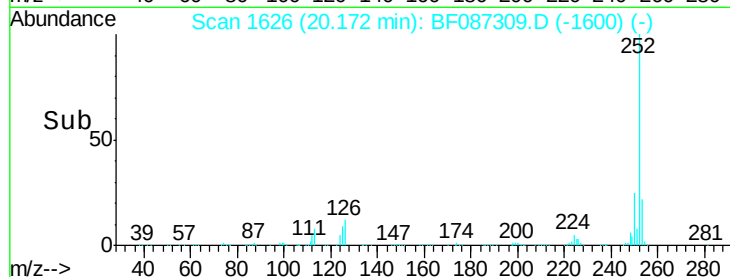
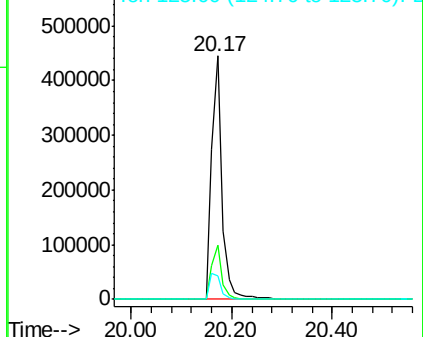
125 9.5 9.0 13.6



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: 40.23 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF087309.D

Acq: 23 May 2016 19:59

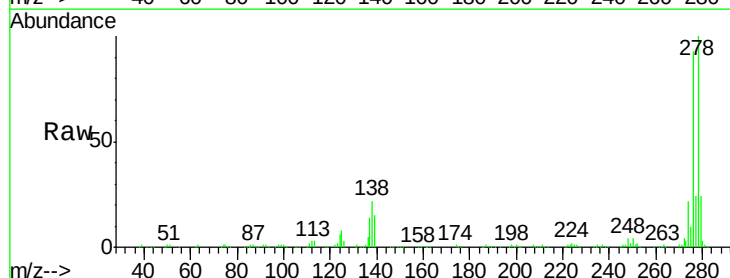
Tgt Ion:278 Resp: 531104

Ion Ratio Lower Upper

278 100

139 14.8 16.6 24.8#

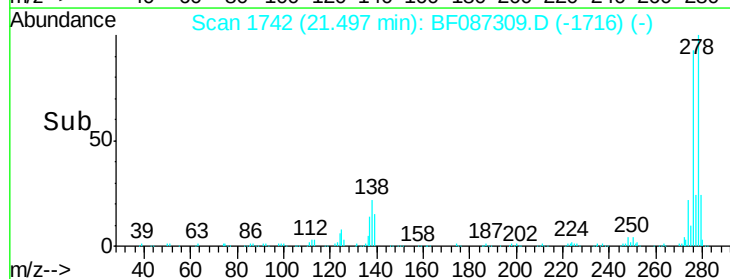
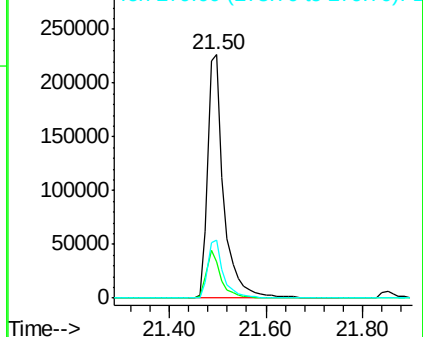
279 23.8 19.6 29.4

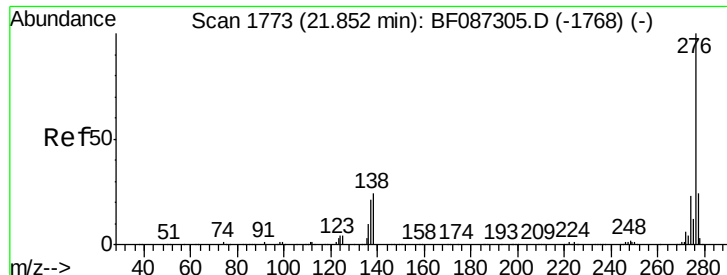


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.62 ng

RT: 21.85 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF087309.D

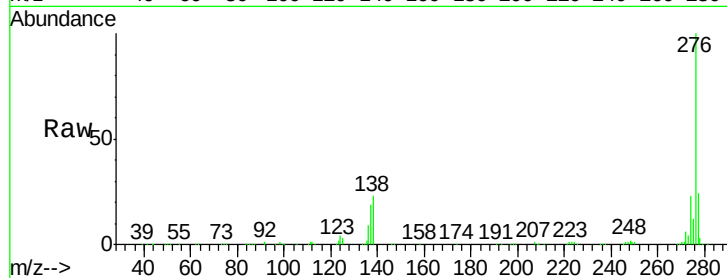
Acq: 23 May 2016 19:59

Instrument :

BNA_F

ClientSampleId :

ICVBF052316



Tgt Ion:	276	Resp:	524623
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.6	29.4
138	22.7	23.6	35.4

