

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084187.D
 Acq On : 31 Dec 2015 10:42
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 31 11:32:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 11:25:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	353763	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1461825	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	700589	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1247663	20.00	ng	0.00
75) Chrysene-d12	14.07	240	972193	20.00	ng	0.00
86) Perylene-d12	15.51	264	768261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1646248	36.08	ng	0.00
7) Phenol-d6	6.53	99	2222852	38.40	ng	0.00
23) Nitrobenzene-d5	7.47	82	2055482	38.46	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	602889	39.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	3266179	32.83	ng	0.00
78) Terphenyl-d14	13.01	244	3000900	34.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	434082	41.64	ng	# 74
3) Pyridine	3.28	79	1257226	50.03	ng	# 74
4) n-Nitrosodimethylamine	3.23	42	629875	45.16	ng	# 76
6) Aniline	6.57	93	1659555	39.36	ng	# 81
8) 2-Chlorophenol	6.68	128	979453	37.83	ng	82
9) Benzaldehyde	6.45	77	713789	34.78	ng	91
10) Phenol	6.54	94	1350449	40.38	ng	93
11) bis(2-Chloroethyl)ether	6.64	93	930975	37.54	ng	# 77
12) 1,3-Dichlorobenzene	7.08	146	922652	34.25	ng	97
13) 1,4-Dichlorobenzene	6.92	146	1078564	38.89	ng	96
14) 1,2-Dichlorobenzene	6.92	146	1078564	39.57	ng	98
15) Benzyl Alcohol	7.05	79	973573	39.27	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1719625	37.03	ng	84
17) 2-Methylphenol	7.16	107	891275	41.18	ng	98
18) Hexachloroethane	7.42	117	426500	41.06	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	725675	38.08	ng	# 65
20) 3+4-Methylphenols	7.31	107	919417	35.13	ng	# 74
22) Acetophenone	7.32	105	1503606	40.35	ng	# 99
24) Nitrobenzene	7.49	77	1183608	43.42	ng	93
25) Isophorone	7.73	82	2018037	39.30	ng	99
26) 2-Nitrophenol	7.80	139	476673	41.48	ng	# 76
27) 2,4-Dimethylphenol	7.85	122	1046432	40.90	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	1139951	36.45	ng	99
29) 2,4-Dichlorophenol	8.04	162	802199	38.83	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	878720	39.82	ng	96
31) Naphthalene	8.21	128	2646214	36.56	ng	97
32) Benzoic acid	7.96	122	638565	59.03	ng	94
33) 4-Chloroaniline	8.26	127	1180363	37.22	ng	97
34) Hexachlorobutadiene	8.34	225	486994	39.99	ng	99
35) Caprolactam	8.65	113	311378	44.50	ng	# 74
36) 4-Chloro-3-methylphenol	8.74	107	874758	37.36	ng	93
37) 2-Methylnaphthalene	8.90	142	1833047	36.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	808937	36.47	ng	97
40) Hexachlorocyclopentadiene	9.06	237	498380	40.36	ng	96

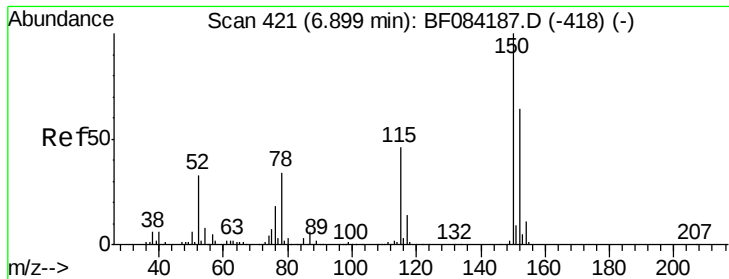
Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084187.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	588839	36.79	nq	93
43) 2,4,5-Trichlorophenol	9.22	196	598624	39.85	nq	# 89
45) 1,1'-Biphenyl	9.37	154	2079324	32.54	nq	98
46) 2-Chloronaphthalene	9.39	162	1580190	33.48	nq	97
47) 2-Nitroaniline	9.48	65	556115	40.16	nq	94
48) Acenaphthylene	9.81	152	2713430	35.84	nq	96
49) Dimethylphthalate	9.68	163	2087593	38.50	nq	# 90
50) 2,6-Dinitrotoluene	9.73	165	487425	43.21	nq	# 72
51) Acenaphthene	9.98	154	1865640	37.72	nq	97
52) 3-Nitroaniline	9.90	138	591295	42.49	nq	# 69
53) 2,4-Dinitrophenol	10.00	184	188360	63.21	nq	# 71
54) Dibenzofuran	10.16	168	2448424	36.00	nq	95
55) 4-Nitrophenol	10.05	139	475066	30.15	nq	# 87
56) 2,4-Dinitrotoluene	10.13	165	650816	46.43	nq	98
57) Fluorene	10.50	166	1848464	35.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	522787	40.43	nq	91
59) Diethylphthalate	10.37	149	2025364	35.73	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	786545	33.44	nq	93
61) 4-Nitroaniline	10.51	138	474792	40.29	nq	92
62) Azobenzene	10.65	77	2208268	37.52	nq	88
64) 4,6-Dinitro-2-methylphenol	10.53	198	284202	52.51	nq	# 46
65) n-Nitrosodiphenylamine	10.60	169	1613628	37.93	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	574106	39.78	nq	# 87
67) Hexachlorobenzene	11.04	284	573897	35.84	nq	# 76
68) Atrazine	11.14	200	590945	41.81	nq	95
69) Pentachlorophenol	11.23	266	359015	52.38	nq	99
70) Phenanthrene	11.46	178	2856582	37.16	nq	96
71) Anthracene	11.50	178	2472758	33.60	nq	96
72) Carbazole	11.66	167	2624160	38.60	nq	97
73) Di-n-butylphthalate	12.00	149	2850958	35.09	nq	# 94
74) Fluoranthene	12.64	202	2631218	35.57	nq	97
76) Benzidine	12.76	184	1413922	37.68	nq	99
77) Pyrene	12.86	202	2699915	36.14	nq	96
79) Butylbenzylphthalate	13.49	149	1350601	41.51	nq	94
80) Benzo(a)anthracene	14.05	228	2161060	36.46	nq	97
81) 3,3'-Dichlorobenzidine	14.02	252	809200	40.95	nq	# 96
82) Chrysene	14.10	228	2165576	40.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1601305	37.26	nq	97
84) Di-n-octyl phthalate	14.67	149	2970761	41.90	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1707449	41.32	nq	99
87) Benzo(b)fluoranthene	15.09	252	2101969	39.23	nq	98
88) Benzo(k)fluoranthene	15.09	252	2101969	46.51	nq	# 97
89) Benzo(a)pyrene	15.45	252	1776841	40.24	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	1402322	38.91	nq	98
91) Benzo(g,h,i)perylene	17.36	276	1418403	38.87	nq	99

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

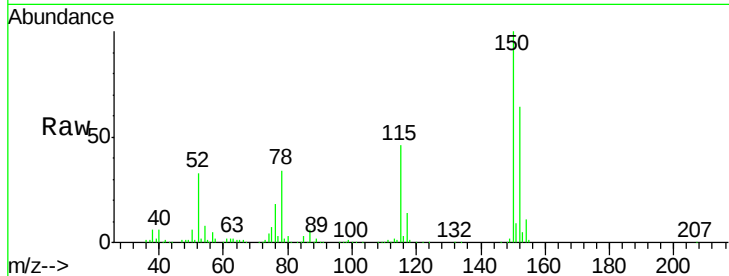


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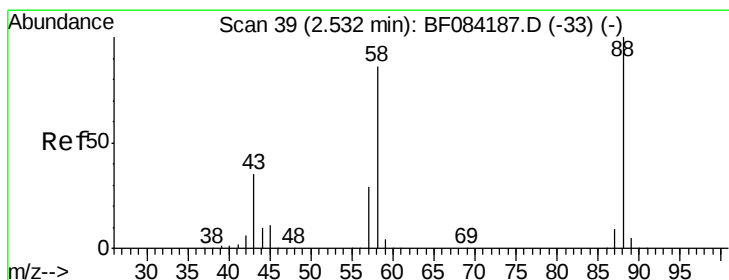
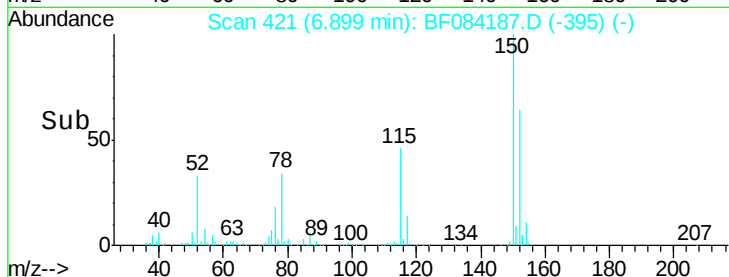
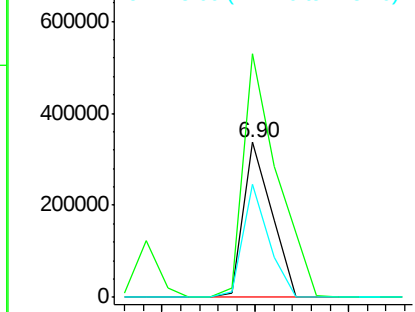
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	73.0	51.4	77.2



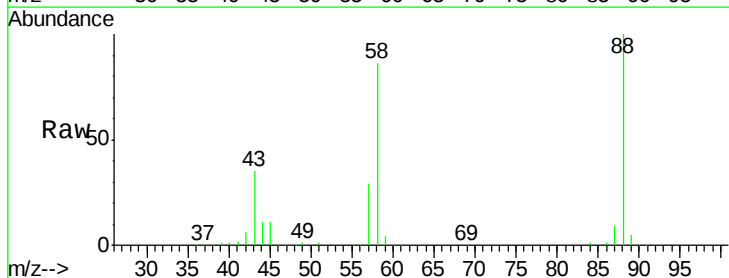
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



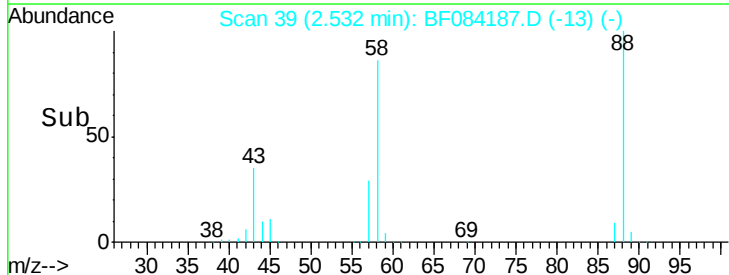
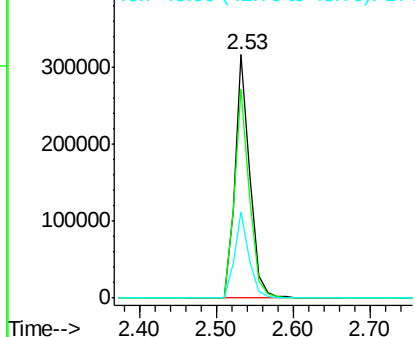
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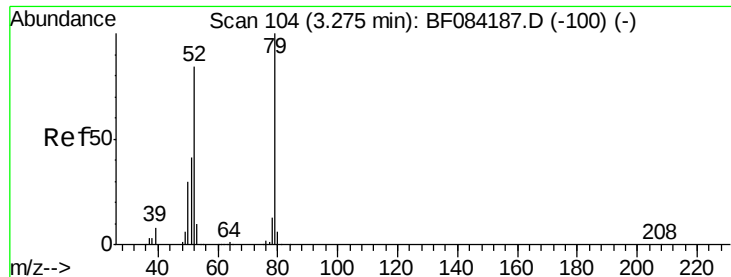
1,4-Dioxane
Concen: 41.64 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	51.2	76.8#
43	35.0	19.5	29.3#



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

Pvridine

Concen: 50.03 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

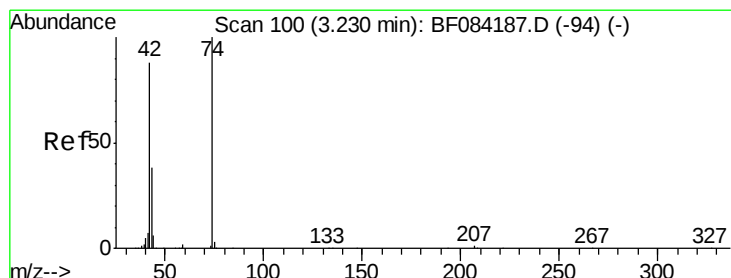
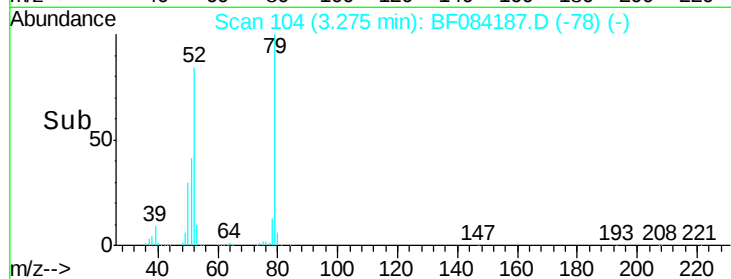
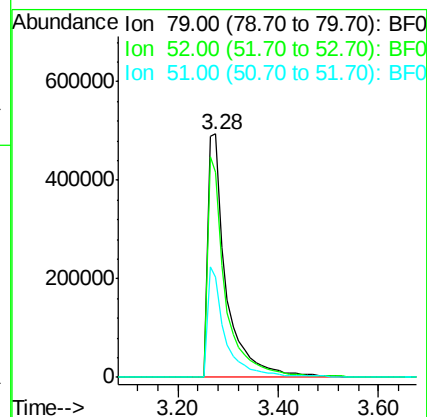
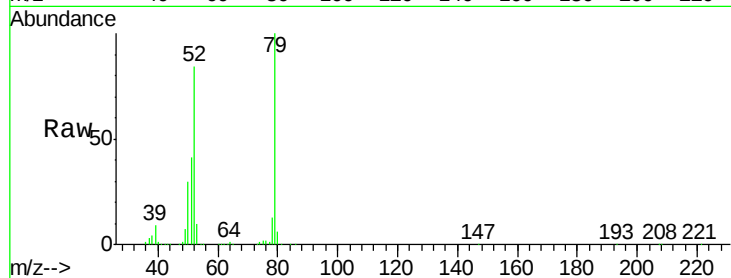
Tot Ion: 79 Resp: 1257226

Ion Ratio Lower Upper

79 100

52 84.2 49.0 73.4#

51 41.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 45.16 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

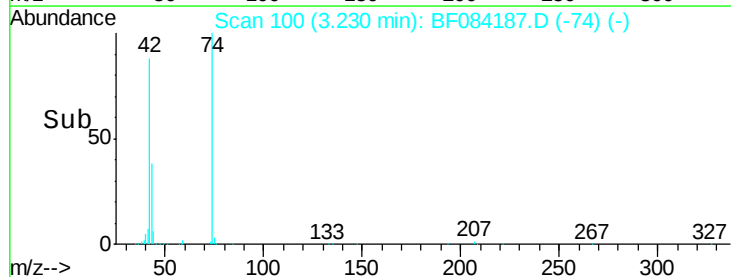
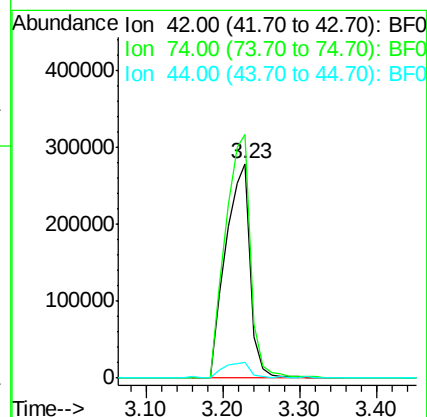
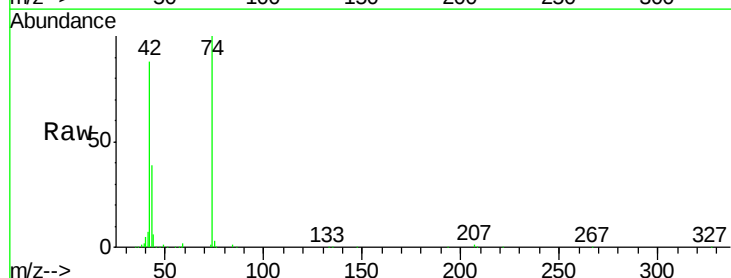
Tgt Ion: 42 Resp: 629875

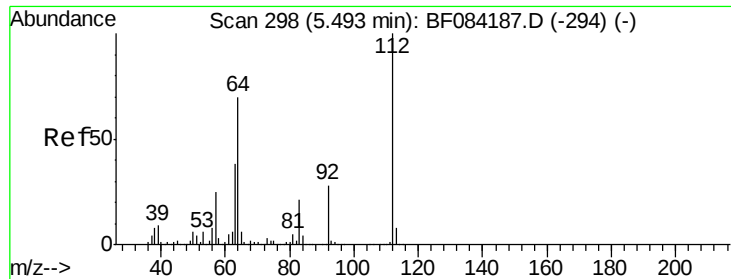
Ion Ratio Lower Upper

42 100

74 113.5 115.7 173.5#

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 36.08 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

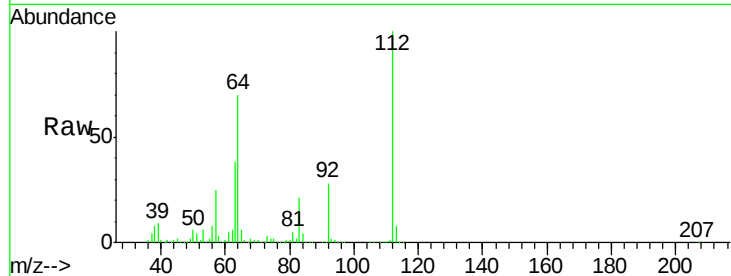
Tot Ion:112 Resp: 1646248

Ion Ratio Lower Upper

112 100

64 70.0 36.6 55.0#

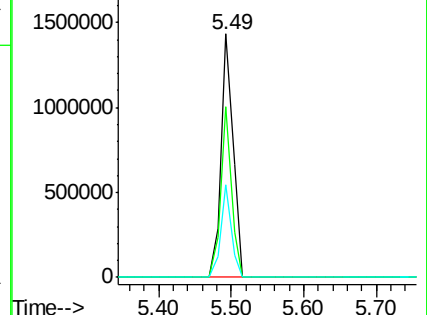
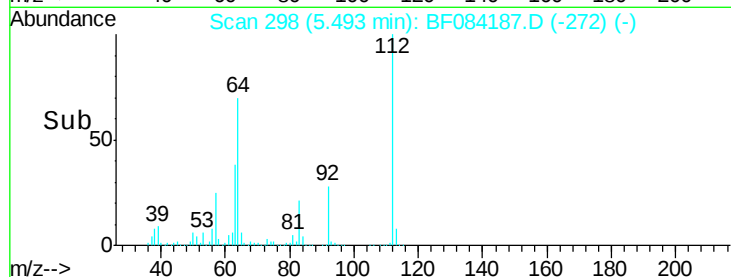
63 38.1 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.36 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

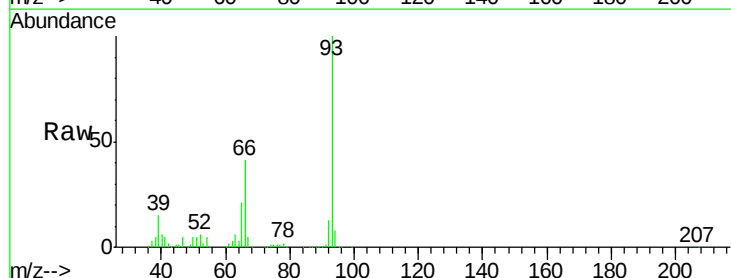
Tgt Ion: 93 Resp: 1659555

Ion Ratio Lower Upper

93 100

66 40.8 44.9 67.3#

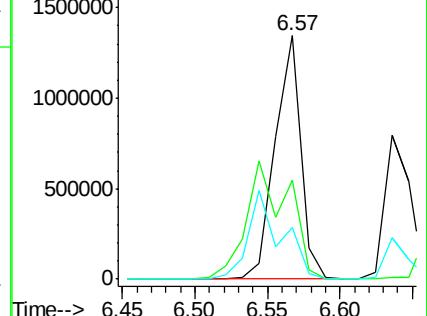
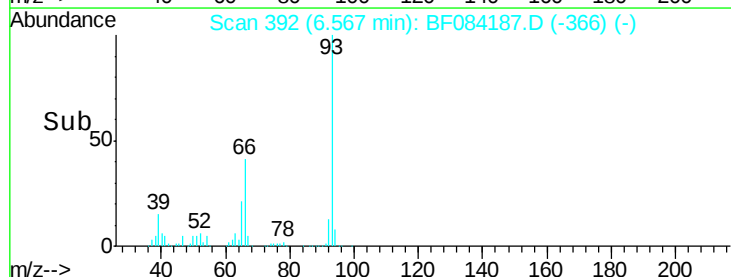
65 21.0 23.7 35.5#

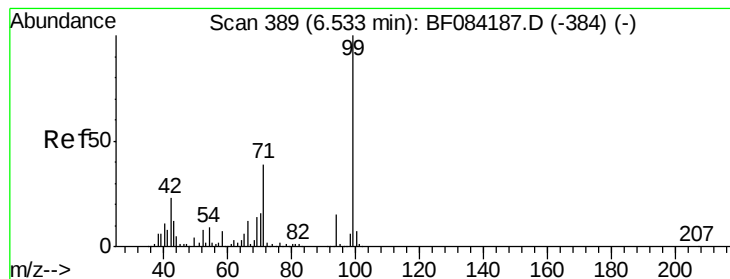


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 38.40 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

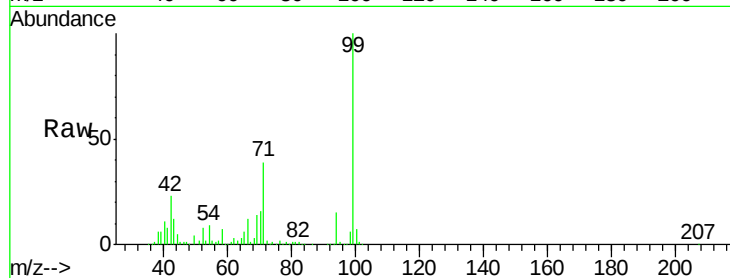
Tot Ion: 99 Resp: 2222852

Ion Ratio Lower Upper

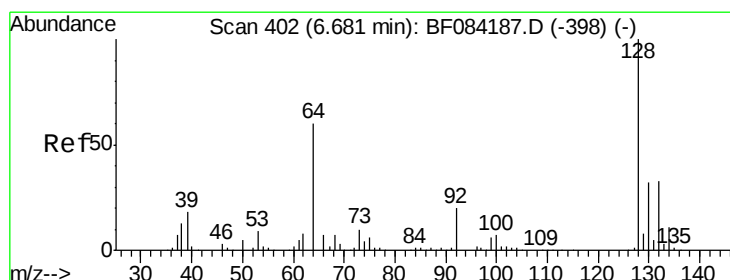
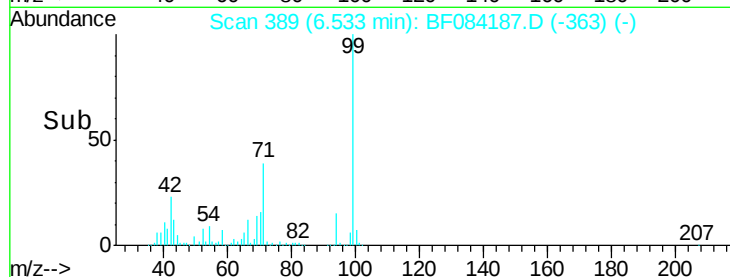
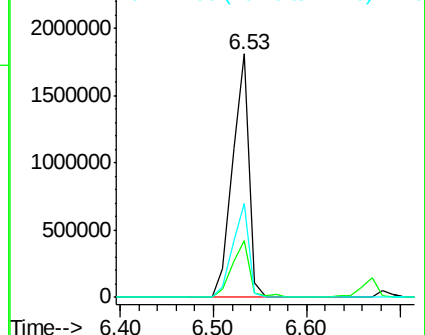
99 100

42 23.1 12.8 19.2#

71 38.7 30.9 46.3



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: 37.83 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

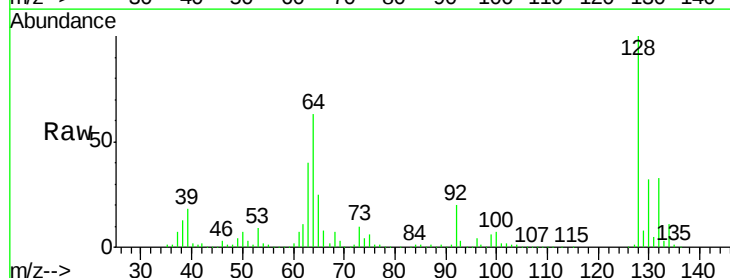
Tgt Ion: 128 Resp: 979453

Ion Ratio Lower Upper

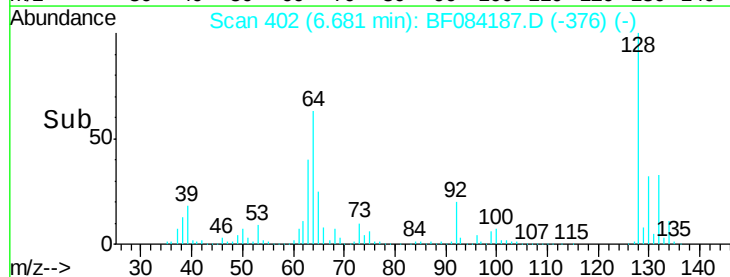
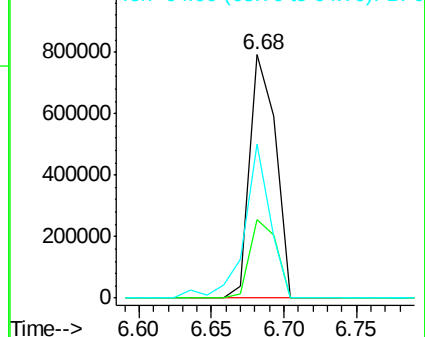
128 100

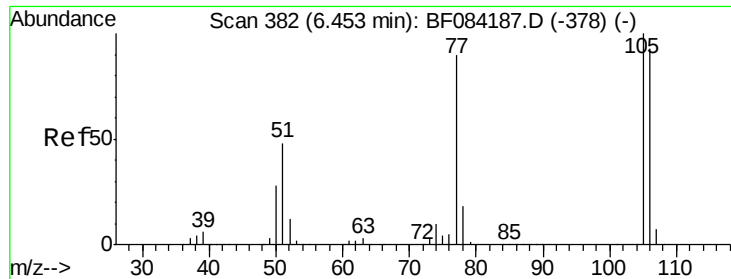
130 32.2 11.6 51.6

64 63.3 23.8 63.8



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

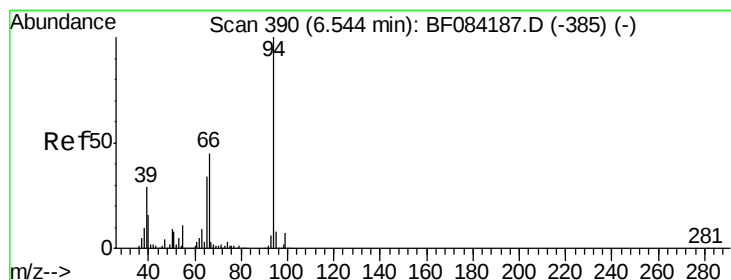
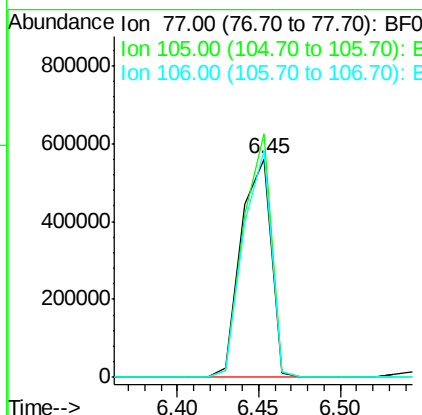
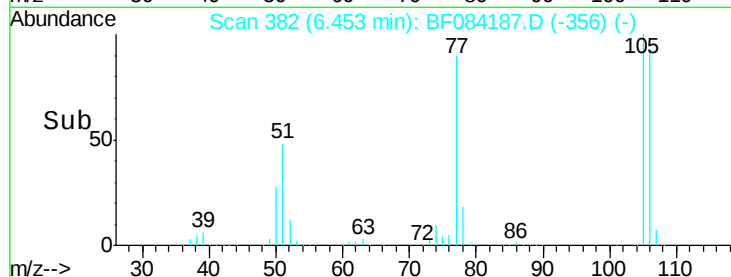
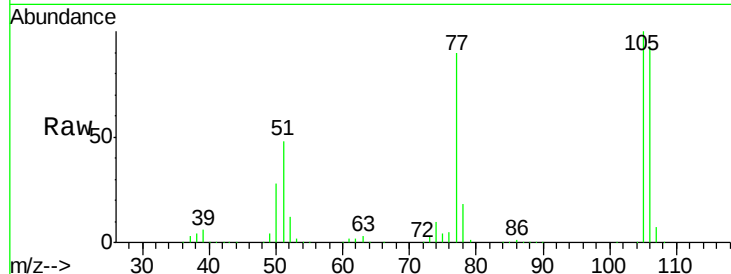




#9
Benzaldehyde
Concen: 34.78 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

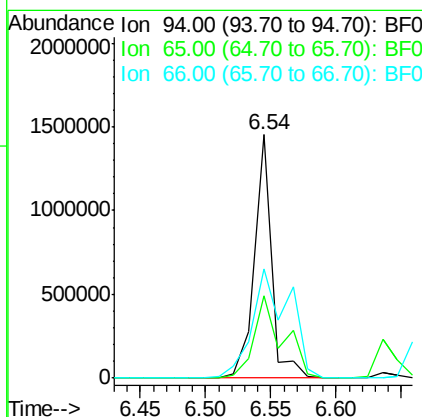
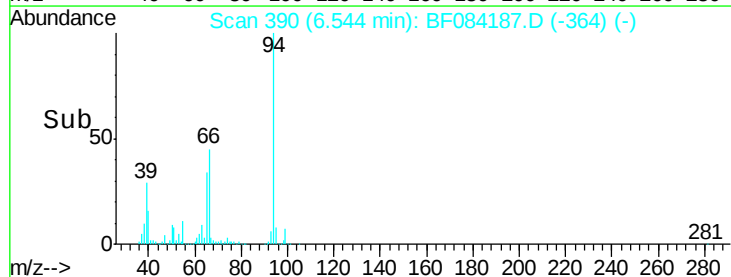
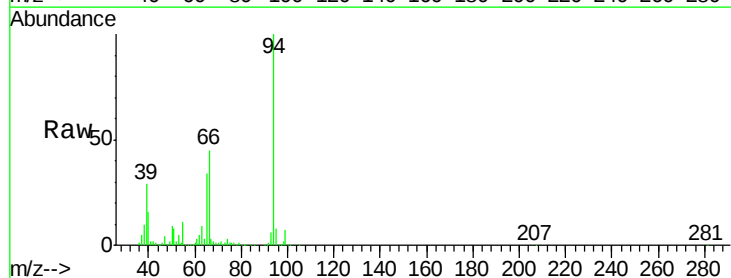
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

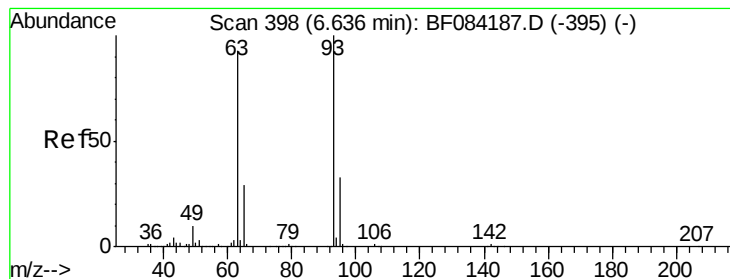
Tot Ion: 77 Resp: 713789
Ion Ratio Lower Upper
77 100
105 111.4 83.0 123.0
106 104.1 74.6 114.6



#10
Phenol
Concen: 40.38 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion: 94 Resp: 1350449
Ion Ratio Lower Upper
94 100
65 33.7 12.9 52.9
66 44.8 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.54 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

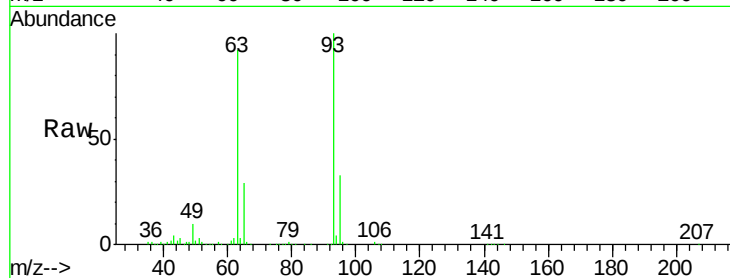
Tot Ion: 93 Resp: 930975

Ion Ratio Lower Upper

93 100

63 92.4 45.9 85.9#

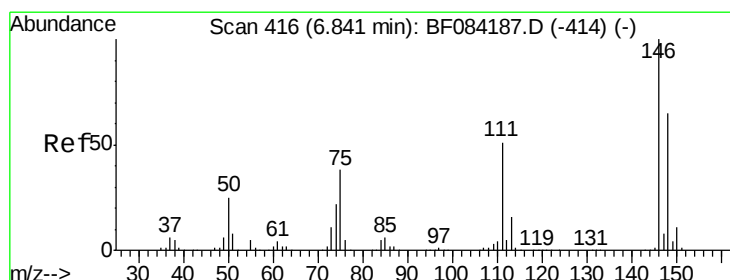
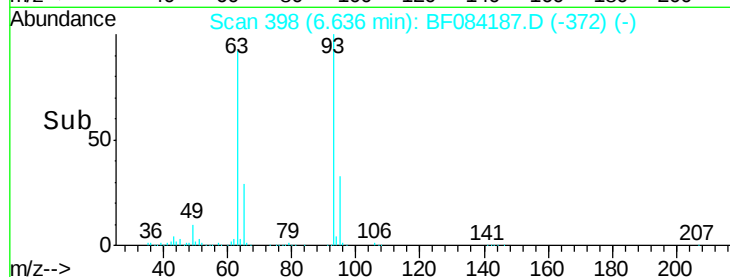
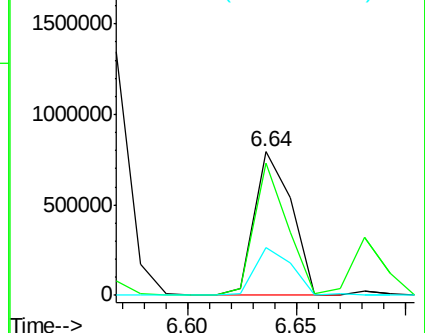
95 33.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.25 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.24 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

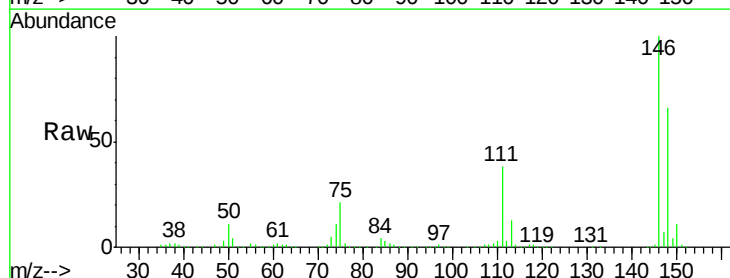
Tgt Ion: 146 Resp: 922652

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

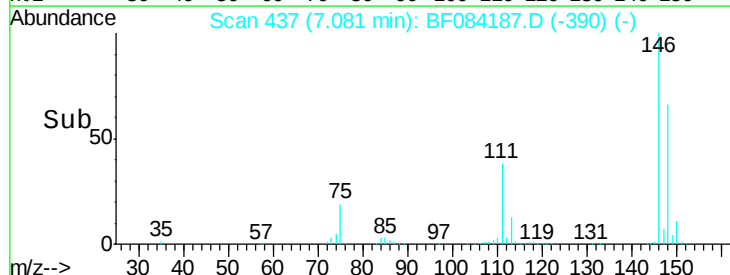
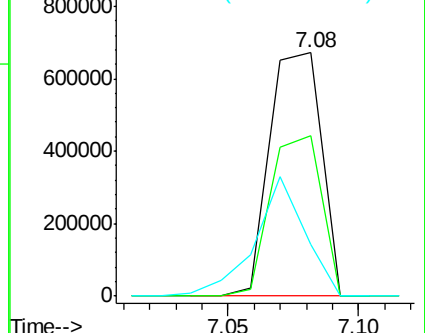
75 21.2 20.5 30.7

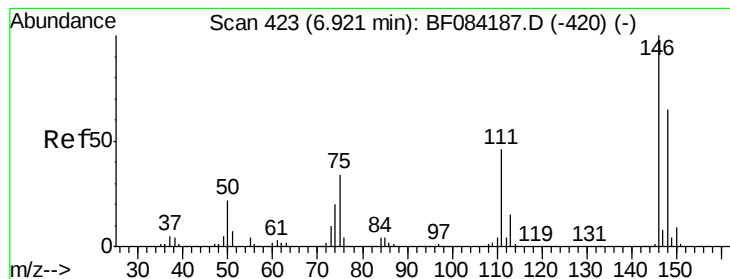


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.89 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

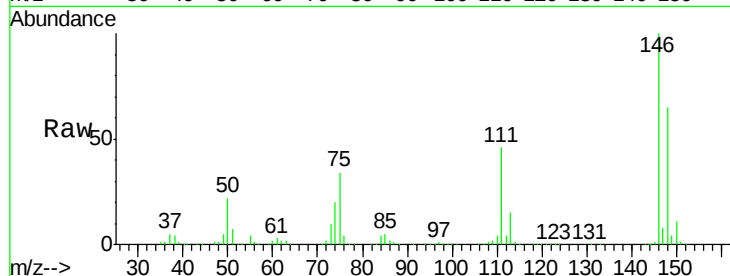
Tot Ion:146 Resp: 1078564

Ion Ratio Lower Upper

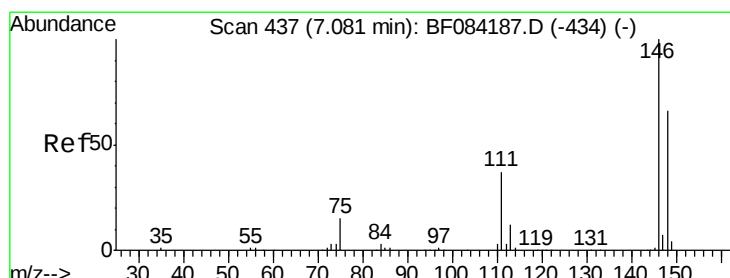
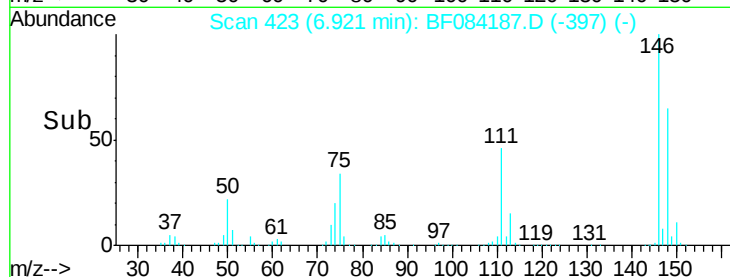
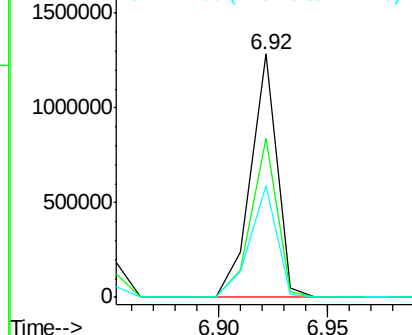
146 100

148 65.4 51.9 77.9

111 46.0 41.6 62.4



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



#14

1,2-Dichlorobenzene

Concen: 39.57 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.16 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

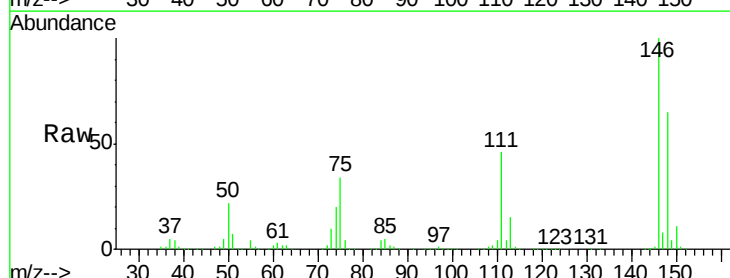
Tgt Ion:146 Resp: 1078564

Ion Ratio Lower Upper

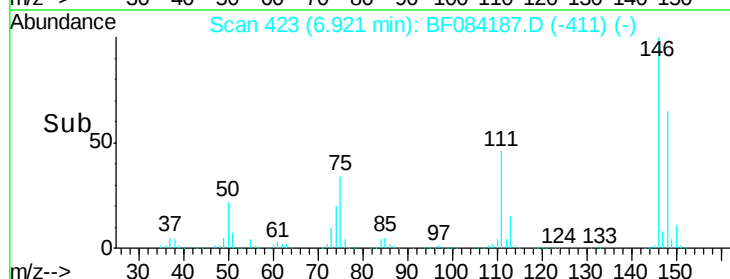
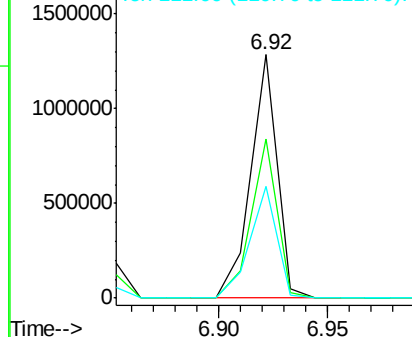
146 100

148 65.4 51.6 77.4

111 46.0 38.0 57.0



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: 39.27 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

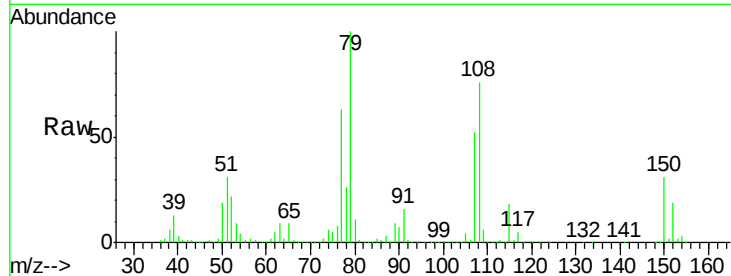
Tot Ion: 79 Resp: 973573

Ion Ratio Lower Upper

79 100

108 75.8 69.0 103.4

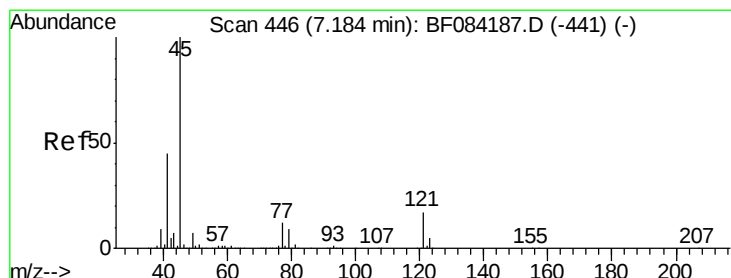
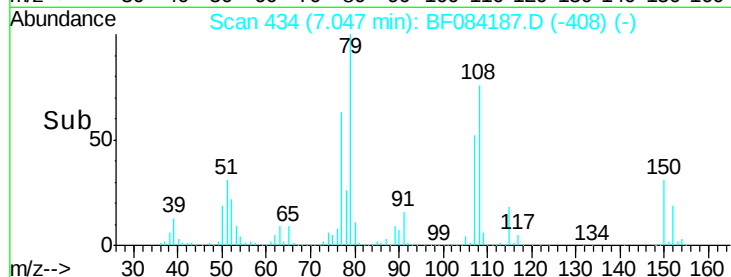
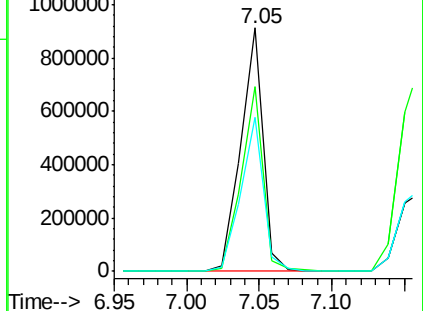
77 63.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.03 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

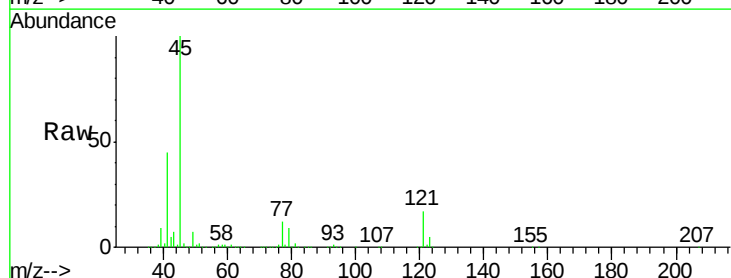
Tgt Ion: 45 Resp: 1719625

Ion Ratio Lower Upper

45 100

77 11.7 0.0 39.6

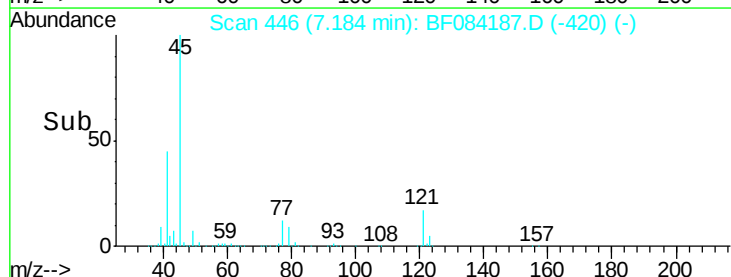
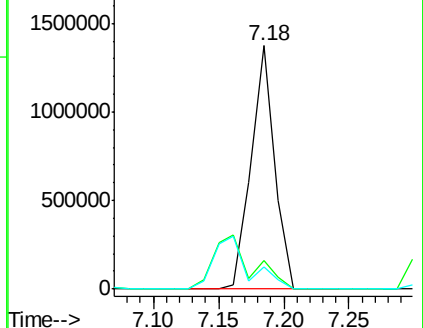
79 8.9 0.0 35.0

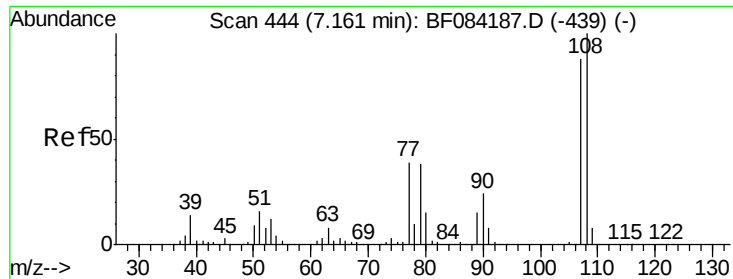


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

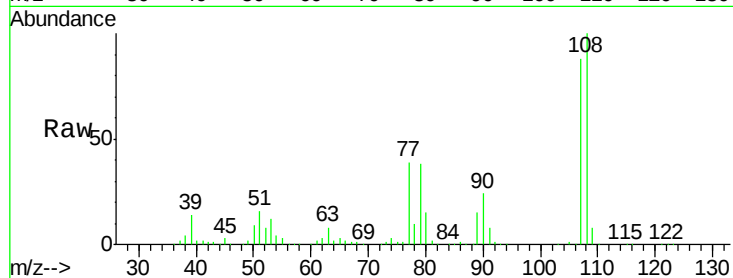




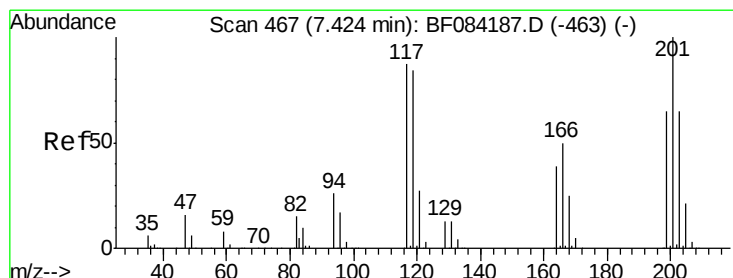
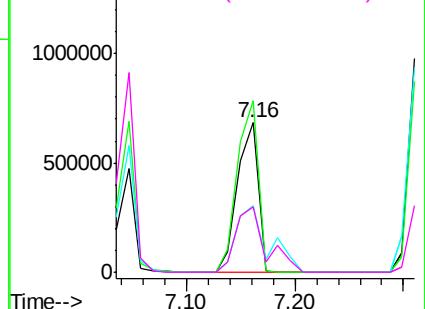
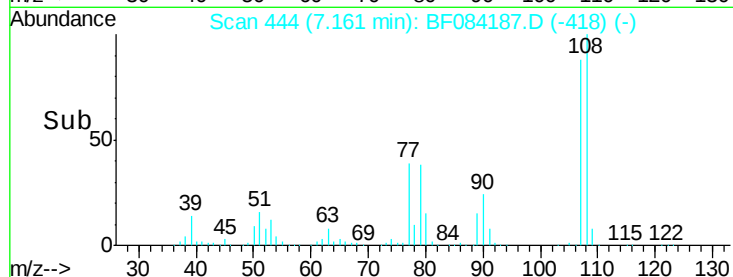
#17
2-Methylphenol
Concen: 41.18 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	89.8	134.6
77	44.8	35.7	53.5
79	43.5	35.7	53.5

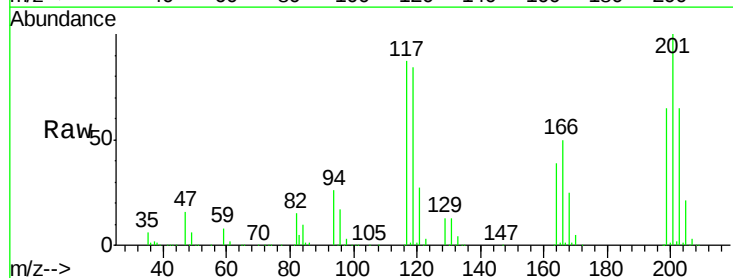


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

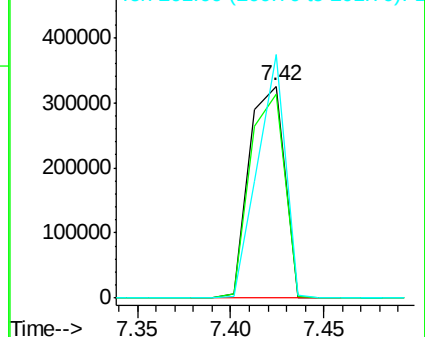
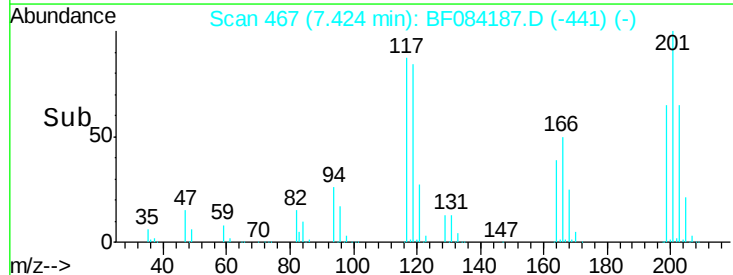


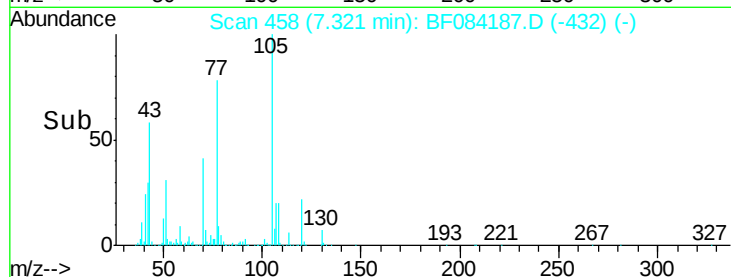
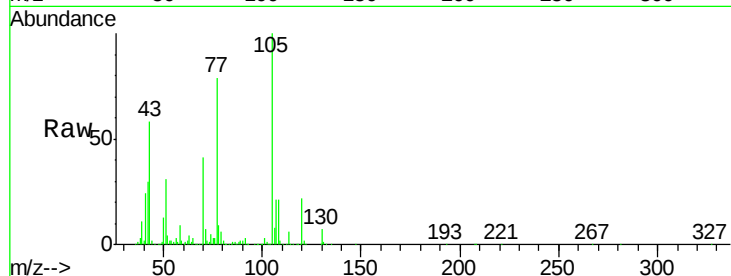
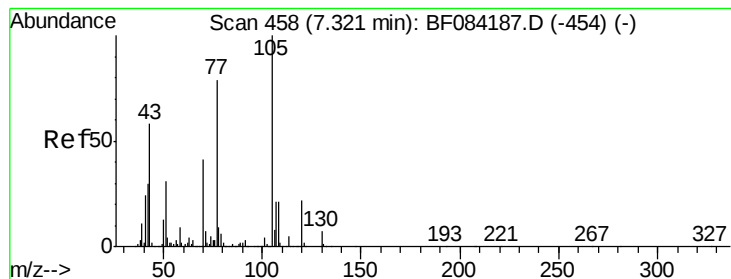
#18
Hexachloroethane
Concen: 41.06 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	115.0	68.6	103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.08 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 725675

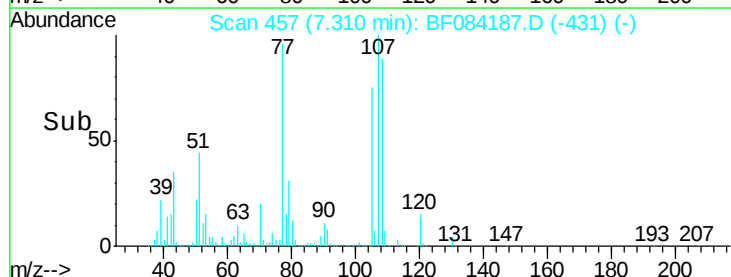
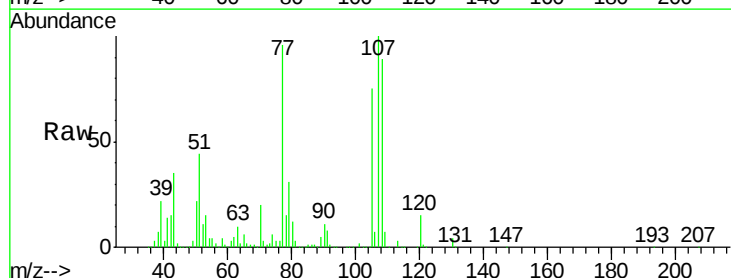
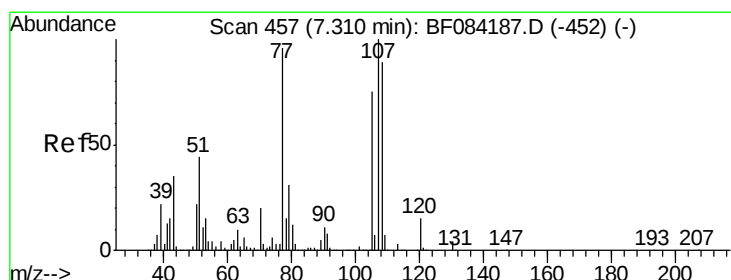
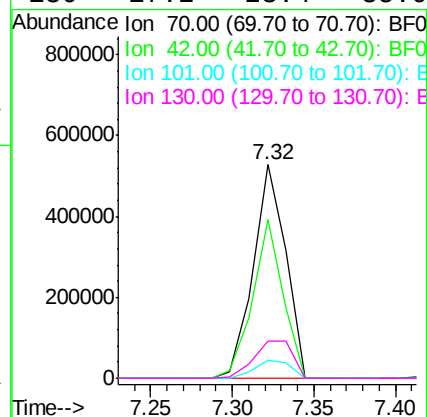
Ion Ratio Lower Upper

70 100

42 74.4 33.3 49.9#

101 8.6 9.3 13.9#

130 17.2 23.4 35.0#



#20

3+4-Methylphenols

Concen: 35.13 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion: 107 Resp: 919417

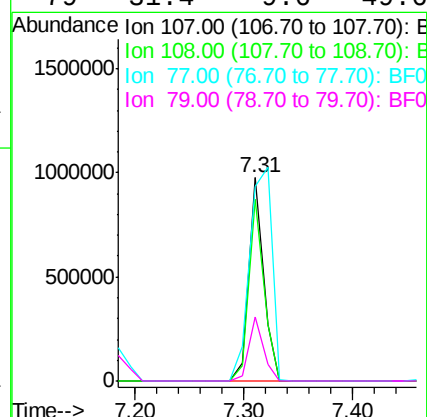
Ion Ratio Lower Upper

107 100

108 89.2 64.1 104.1

77 95.7 128.9 168.9#

79 31.4 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 1461825

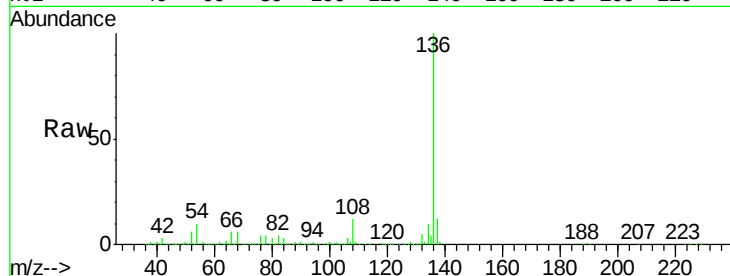
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.1	5.8	8.8#
68	5.7	4.2	6.2

136 100

137 11.6 8.7 13.1

54 10.1 5.8 8.8#

68 5.7 4.2 6.2

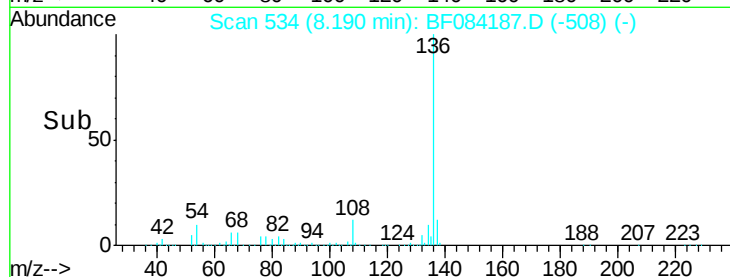


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time--> 8.10 8.15 8.20 8.25



#22

Acetophenone

Concen: 40.35 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:105 Resp: 1503606

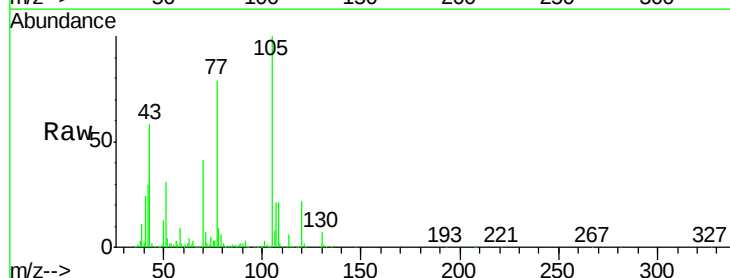
Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.7	5.5#
51	31.4	25.1	37.7
120	21.8	16.6	25.0

105 100

71 6.9 3.7 5.5#

51 31.4 25.1 37.7

120 21.8 16.6 25.0

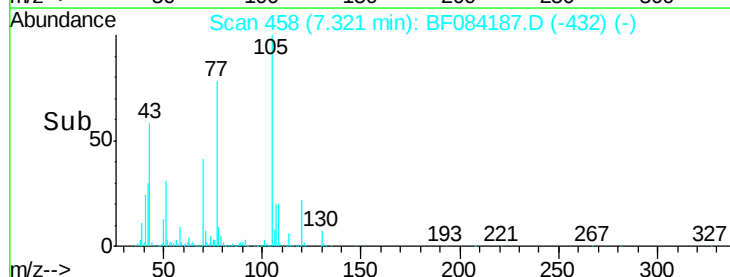


Abundance Ion 105.00 (104.70 to 105.70): E

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



Time--> 7.20 7.25 7.30 7.35 7.40



#23

Nitrobenzene-d5

Concen: 38.46 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

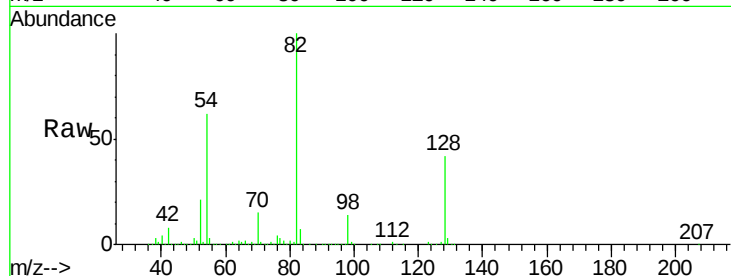
Tot Ion: 82 Resp: 2055482

Ion Ratio Lower Upper

82 100

128 42.2 34.6 51.8

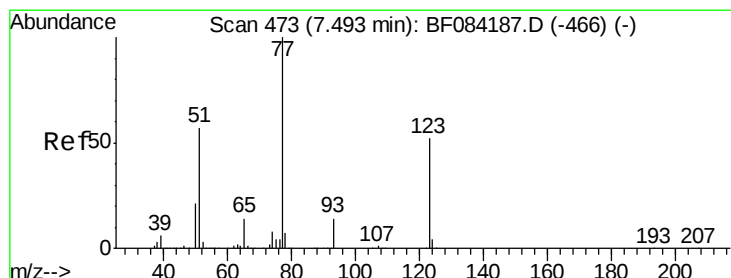
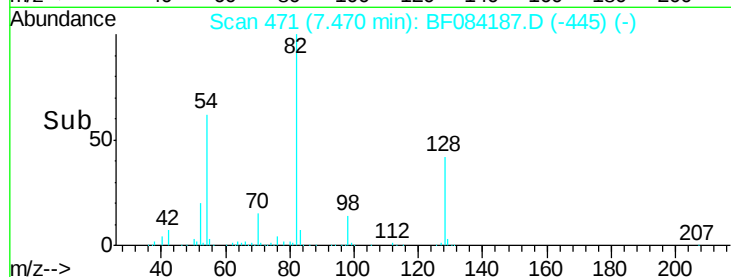
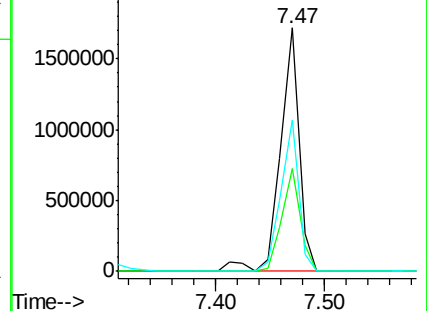
54 62.1 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.42 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

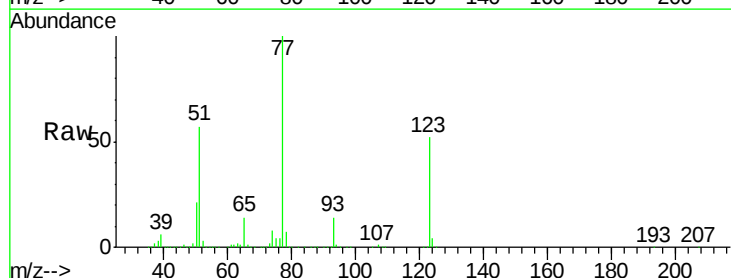
Tgt Ion: 77 Resp: 1183608

Ion Ratio Lower Upper

77 100

123 52.4 37.4 56.2

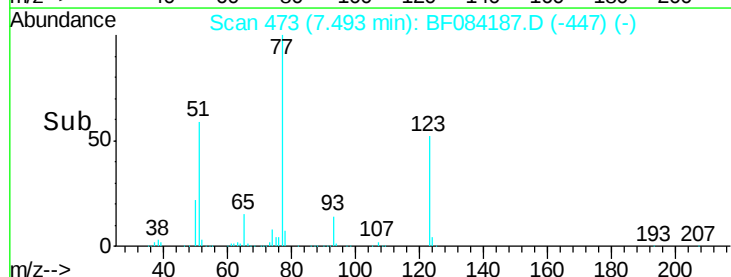
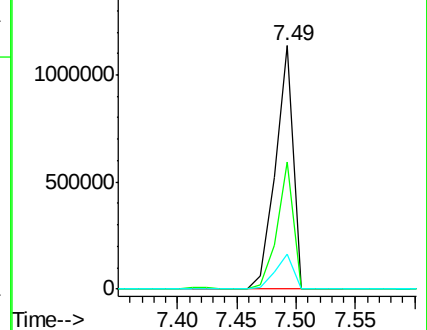
65 14.2 10.9 16.3

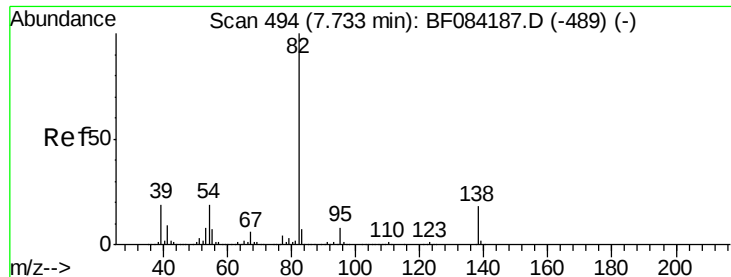


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

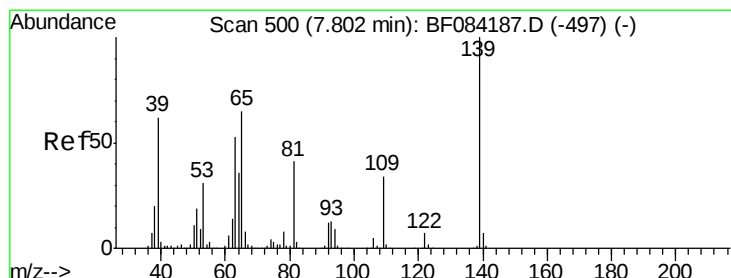
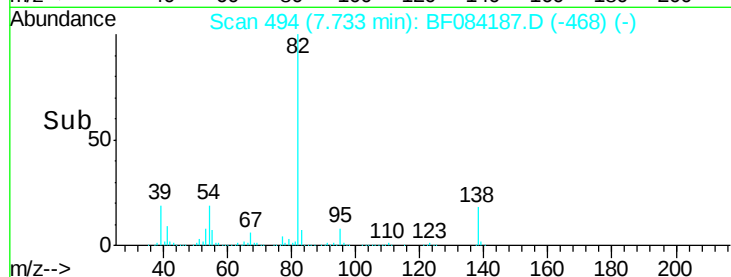
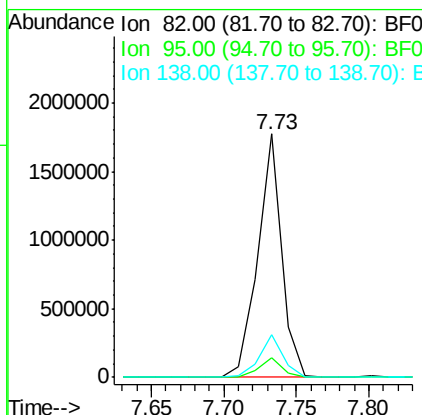
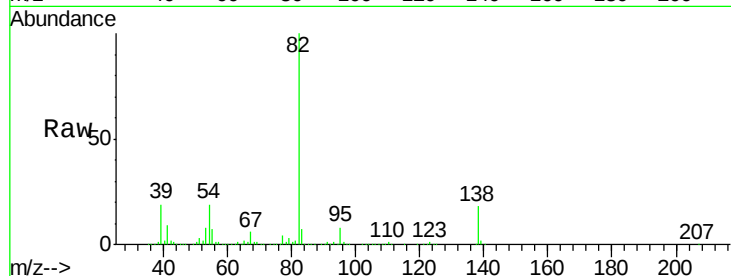




#25
Isophorone
Concen: 39.30 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

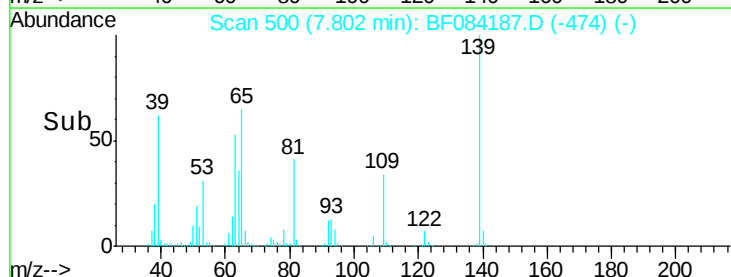
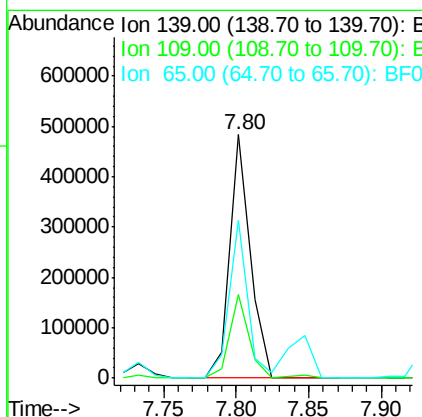
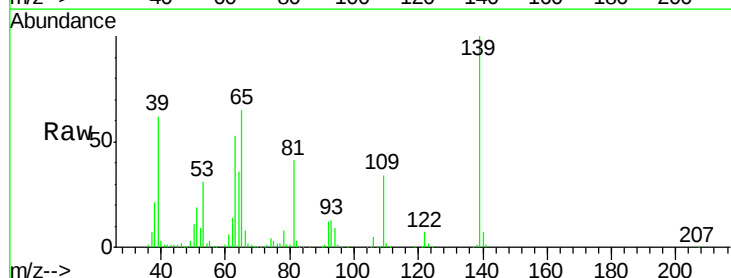
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

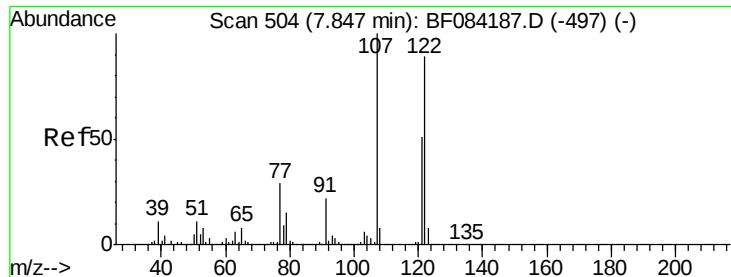
Tot Ion: 82 Resp: 2018037
Ion Ratio Lower Upper
82 100
95 8.0 6.6 10.0
138 17.5 13.6 20.4



#26
2-Nitrophenol
Concen: 41.48 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion: 139 Resp: 476673
Ion Ratio Lower Upper
139 100
109 34.5 25.4 38.2
65 65.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 40.90 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

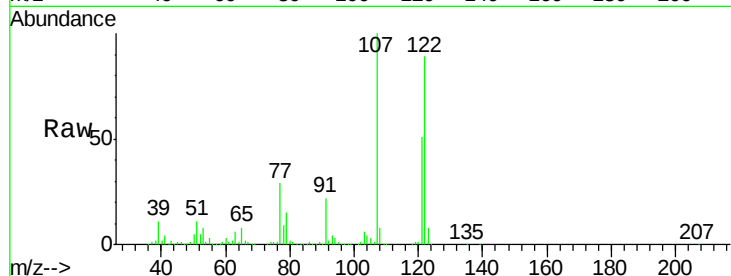
Tot Ion:122 Resp: 1046432

Ion Ratio Lower Upper

122 100

107 112.8 99.1 148.7

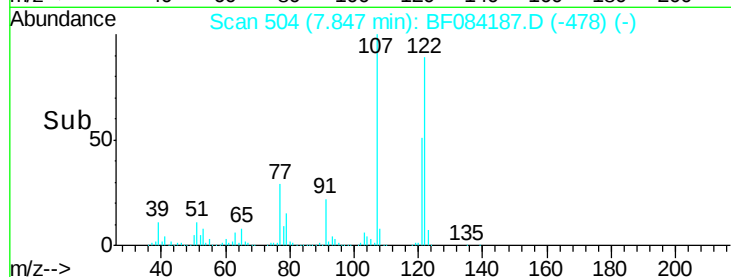
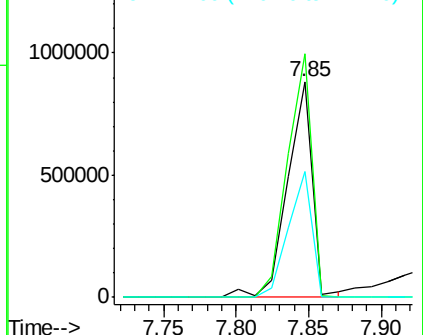
121 58.1 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.45 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

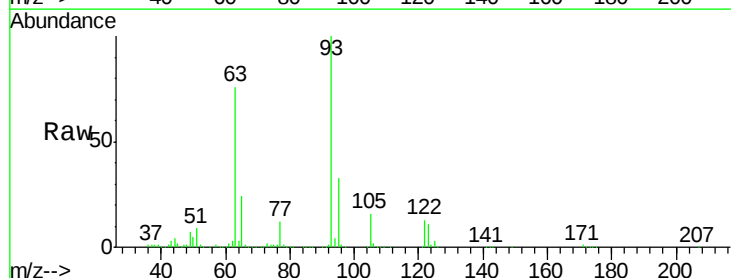
Tgt Ion: 93 Resp: 1139951

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

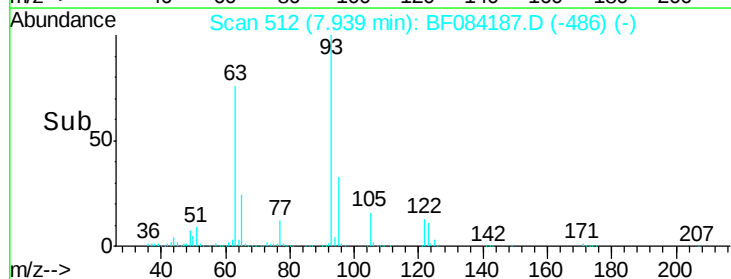
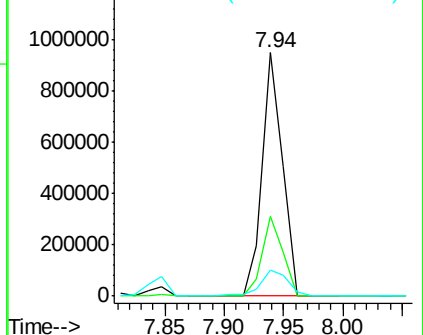
123 10.9 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

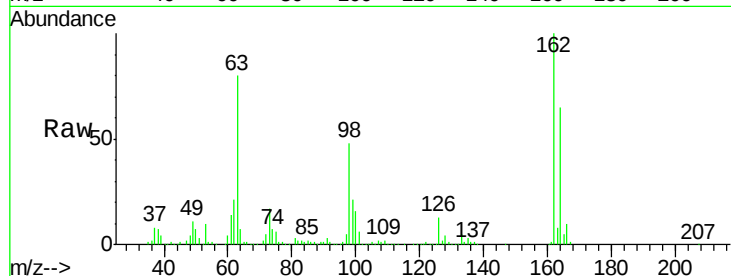




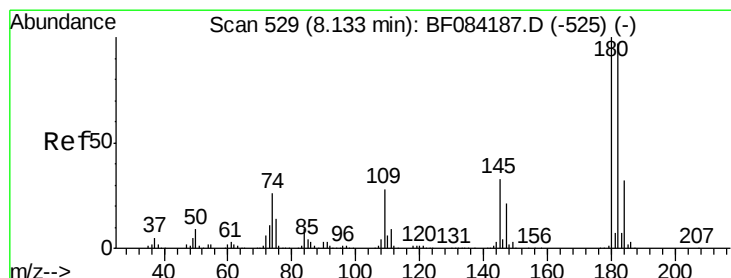
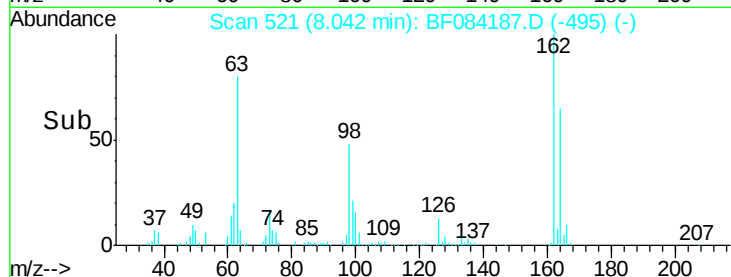
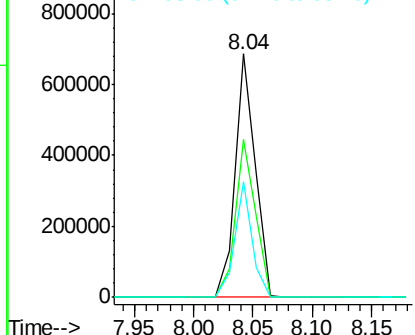
#29
 2,4-Dichlorophenol
 Concen: 38.83 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	47.7	20.2	60.2

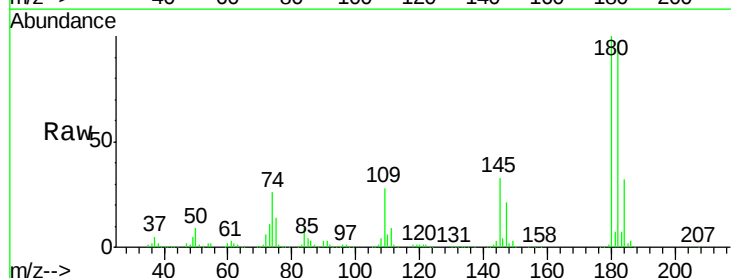


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

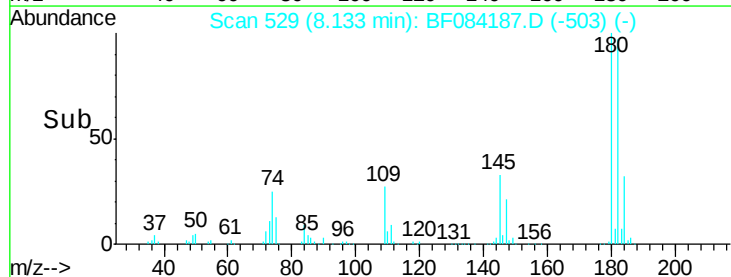
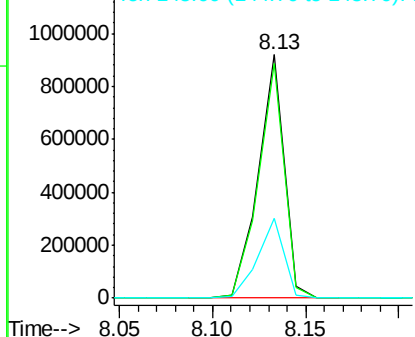


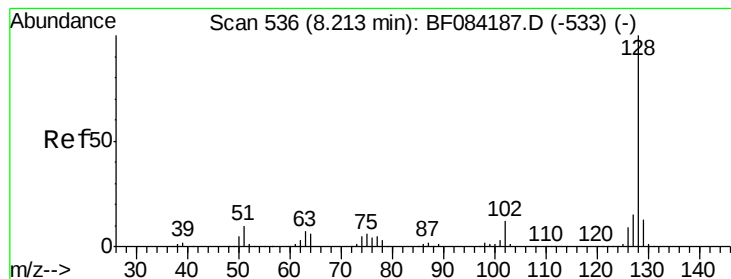
#30
 1,2,4-Trichlorobenzene
 Concen: 39.82 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	32.8	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.56 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

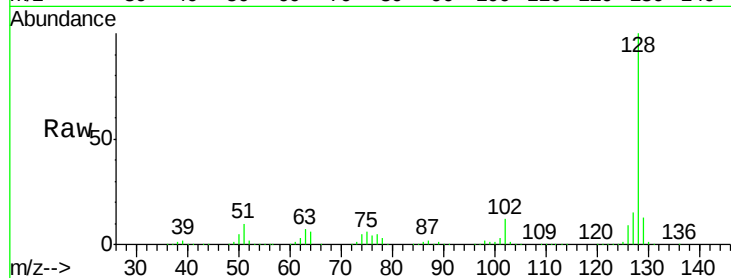
Tot Ion:128 Resp: 2646214

Ion Ratio Lower Upper

128 100

129 12.6 9.1 13.7

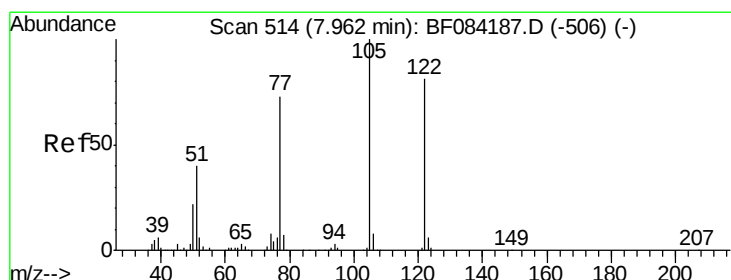
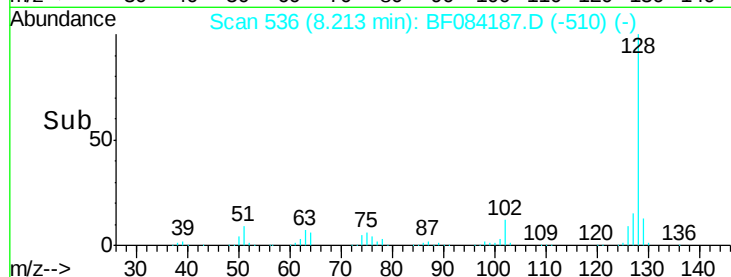
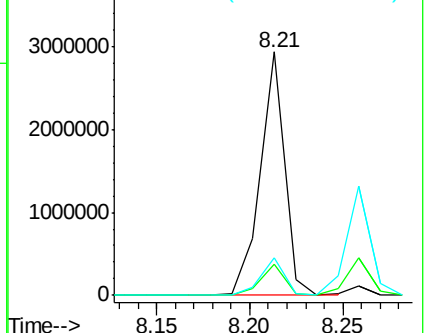
127 15.2 11.1 16.7



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: 59.03 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

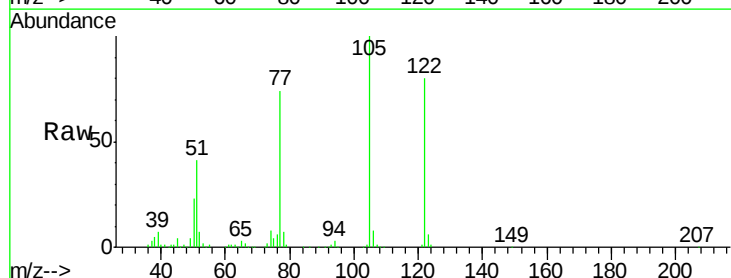
Tgt Ion:122 Resp: 638565

Ion Ratio Lower Upper

122 100

105 124.9 100.3 140.3

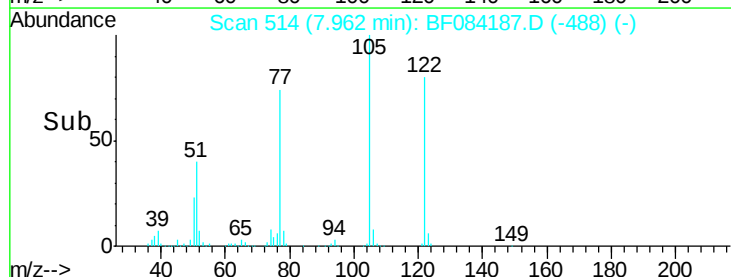
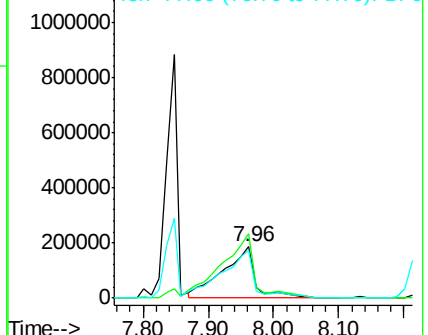
77 92.5 63.5 103.5



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

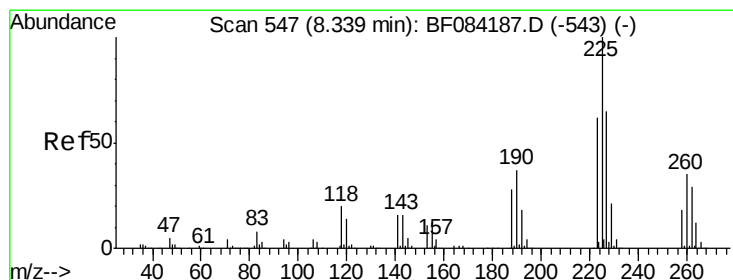
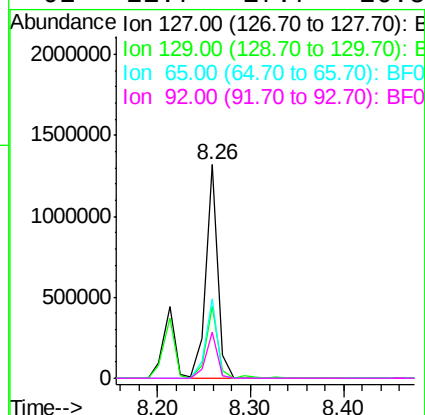
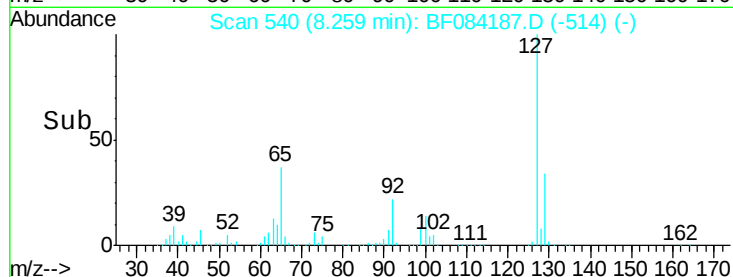
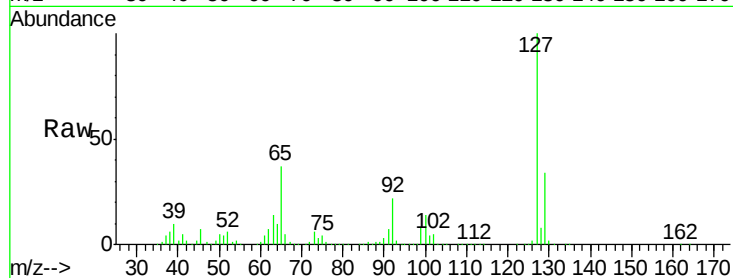




#33
4-Chloroaniline
Concen: 37.22 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

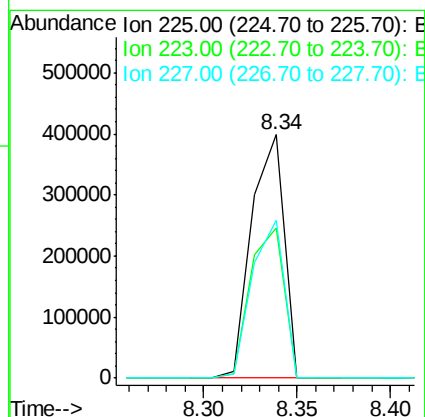
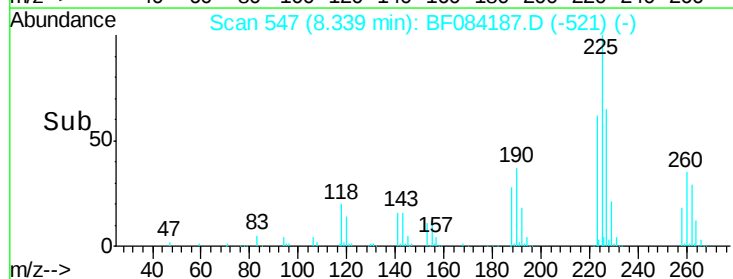
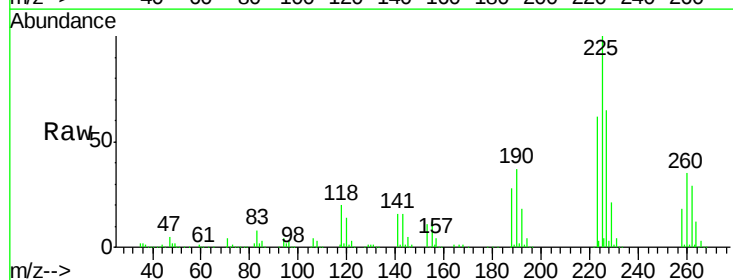
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

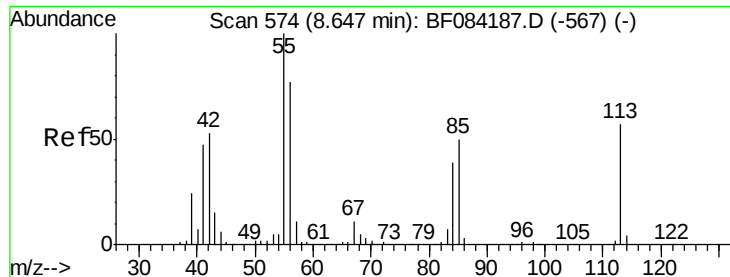
Tot Ion:127 Resp: 1180363
Ion Ratio Lower Upper
127 100
129 33.8 26.5 39.7
65 37.4 27.2 40.8
92 21.7 17.7 26.5



#34
Hexachlorobutadiene
Concen: 39.99 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:225 Resp: 486994
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.0
227 65.0 50.8 76.2

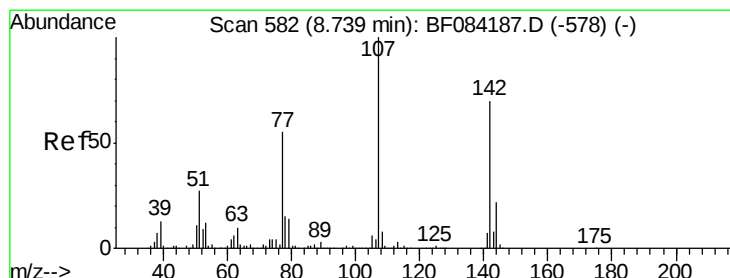
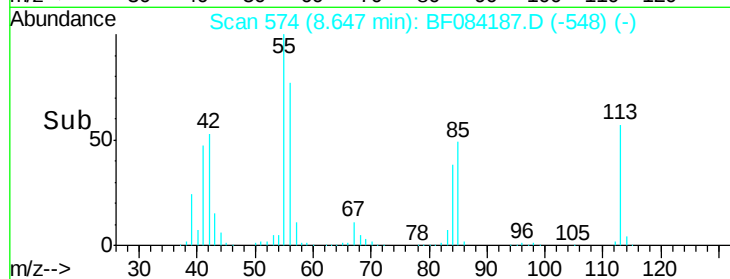
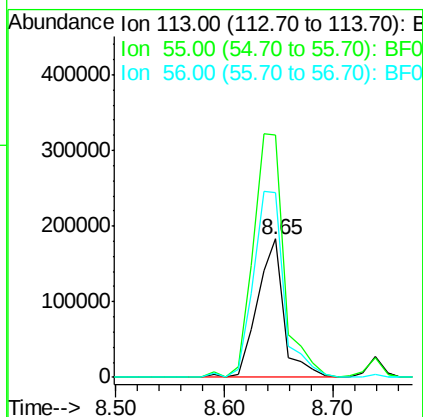
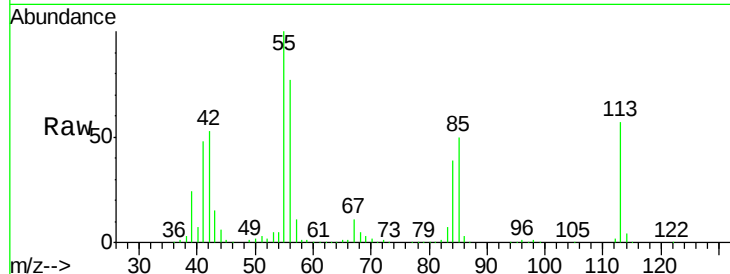




#35
 Caprolactam
 Concen: 44.50 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

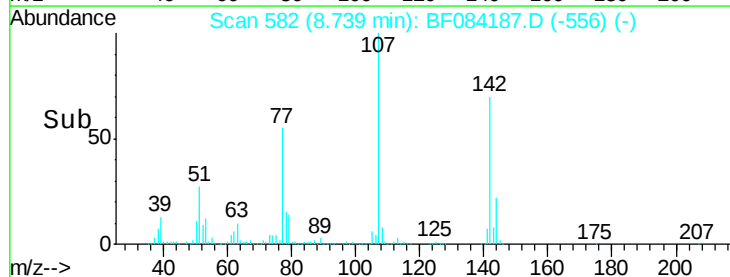
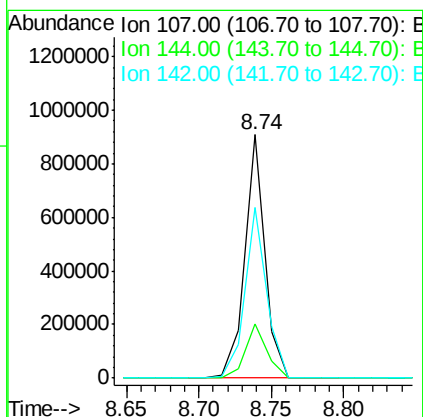
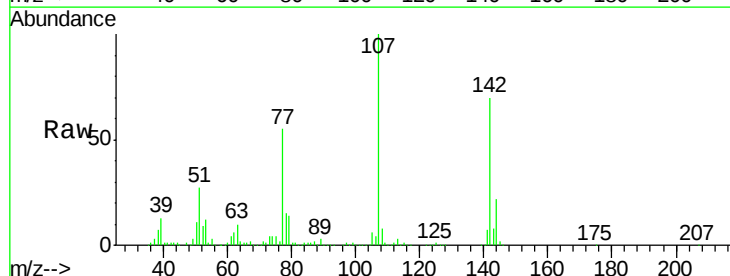
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

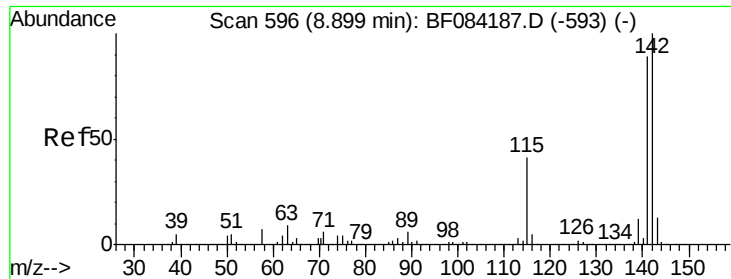
Tot Ion:113 Resp: 311378
 Ion Ratio Lower Upper
 113 100
 55 174.9 116.9 156.9#
 56 134.0 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.36 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:107 Resp: 874758
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.7 29.5
 142 69.9 61.8 92.6

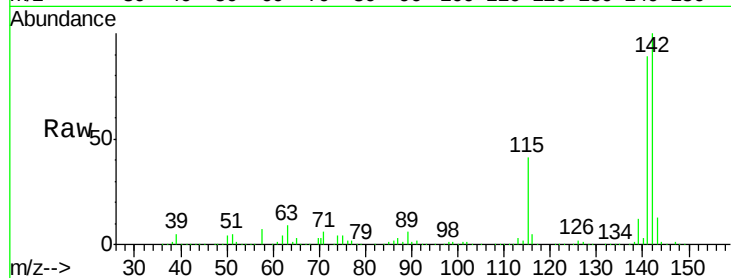




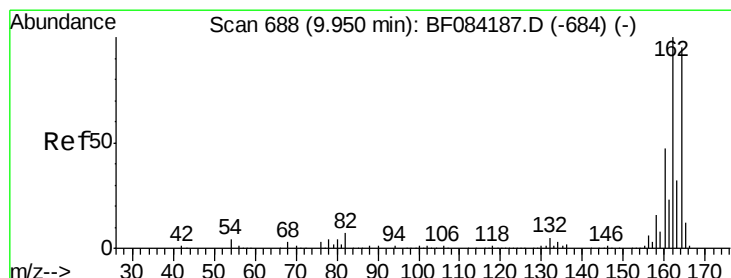
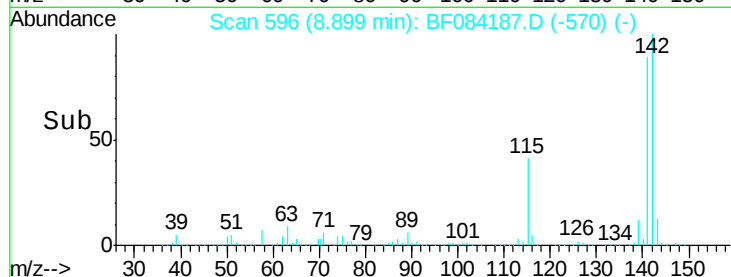
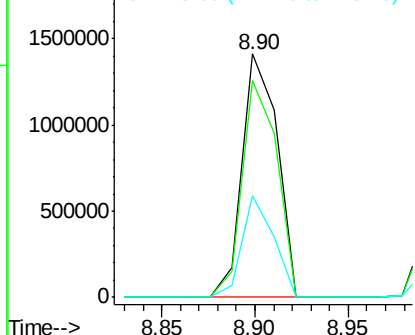
#37
2-Methylnaphthalene
Concen: 36.71 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 1833047
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6
115 41.5 27.9 41.9

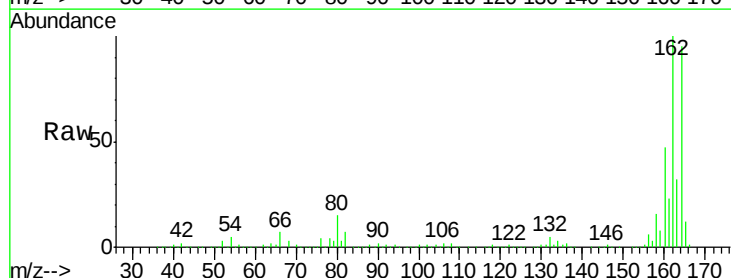


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

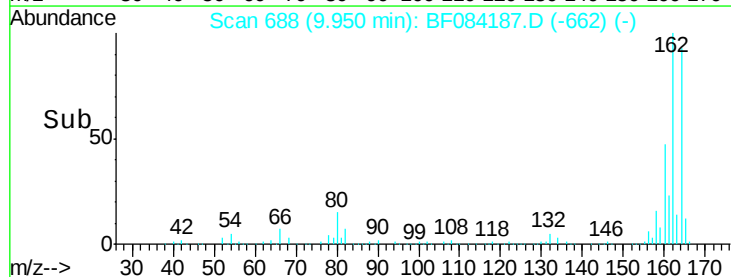
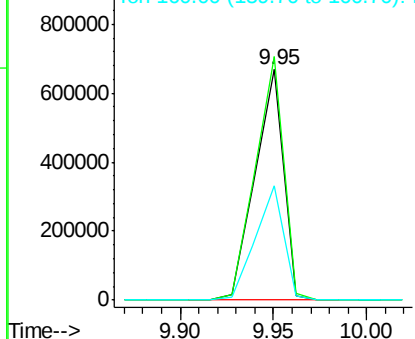


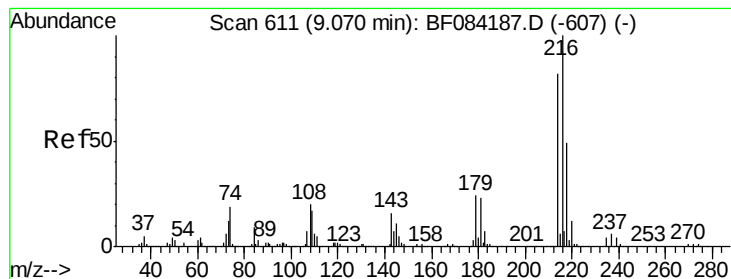
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:164 Resp: 700589
Ion Ratio Lower Upper
164 100
162 105.6 85.1 127.7
160 49.4 37.5 56.3



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: 36.47 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 808937

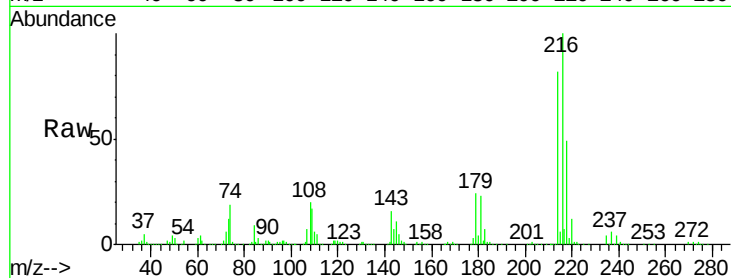
Ion Ratio Lower Upper

216 100

214 82.0 64.2 96.2

179 24.4 18.7 28.1

108 23.9 16.8 25.2

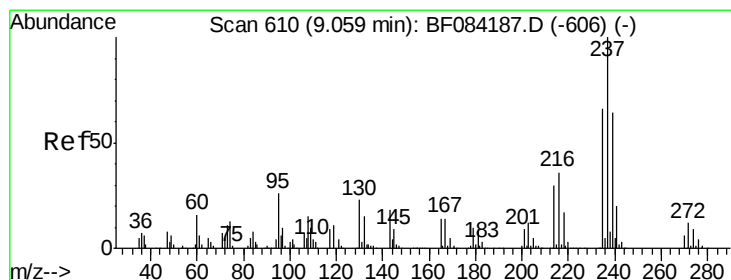
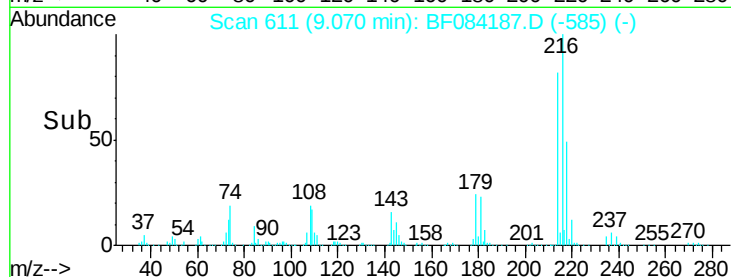
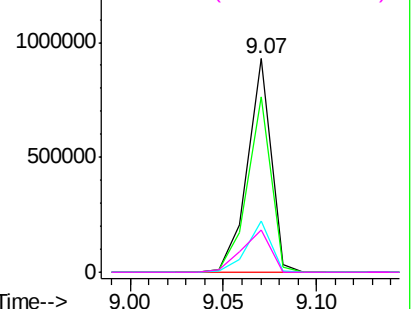


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.36 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

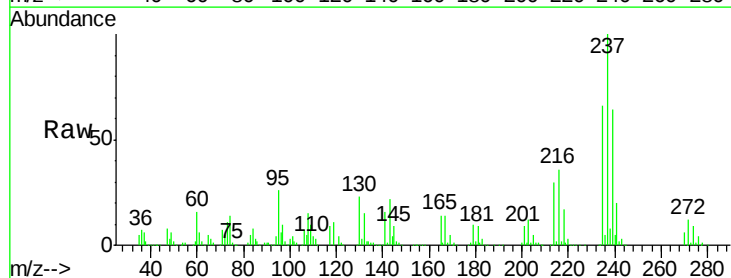
Tgt Ion:237 Resp: 498380

Ion Ratio Lower Upper

237 100

235 65.5 43.1 83.1

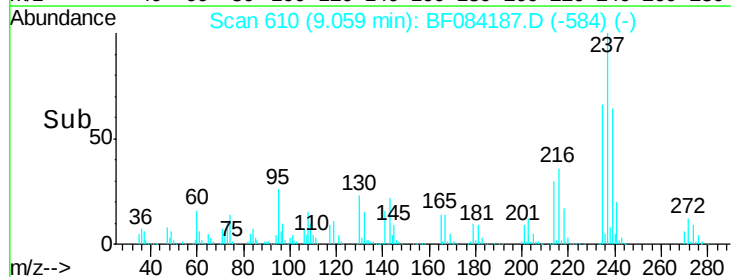
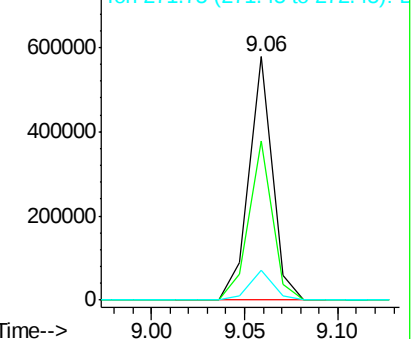
272 12.1 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

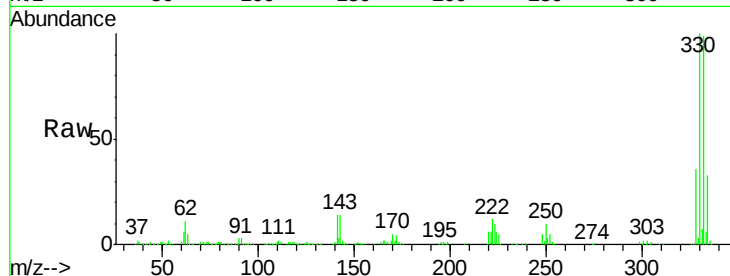




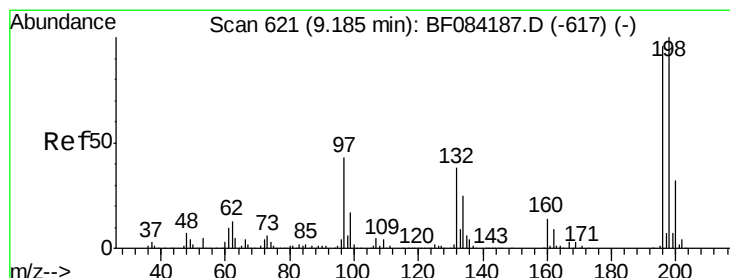
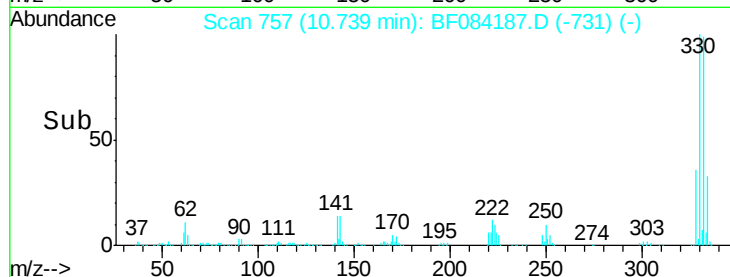
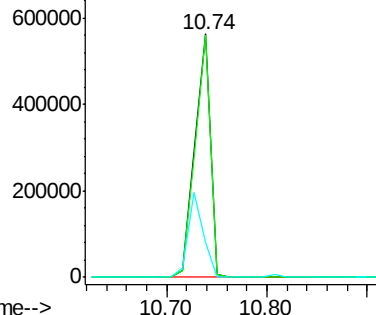
#41
 2,4,6-Tribromophenol
 Concen: 39.72 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:330 Resp: 602889
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 34.3 27.8 41.6

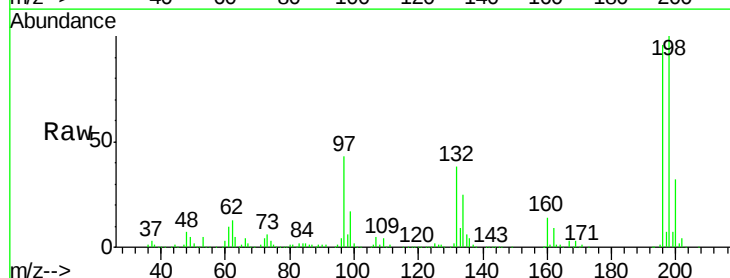


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

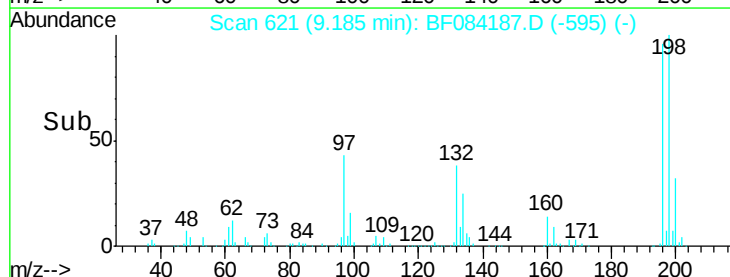
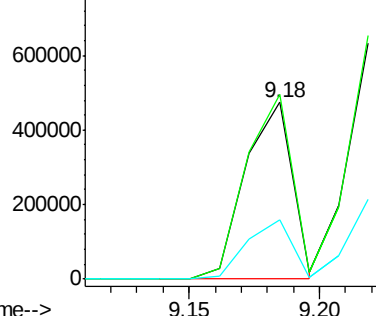


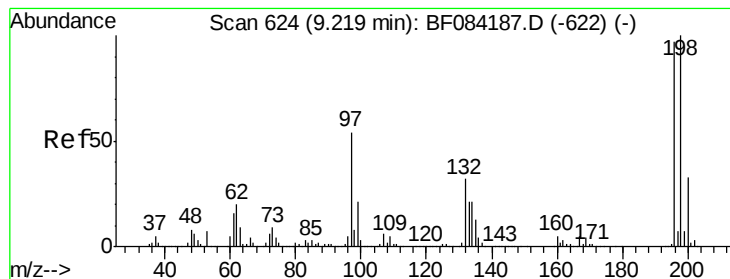
#42
 2,4,6-Trichlorophenol
 Concen: 36.79 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:196 Resp: 588839
 Ion Ratio Lower Upper
 196 100
 198 104.4 77.7 116.5
 200 33.5 24.6 37.0



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: 39.85 ng

RT: 9.22 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:196 Resp: 598624

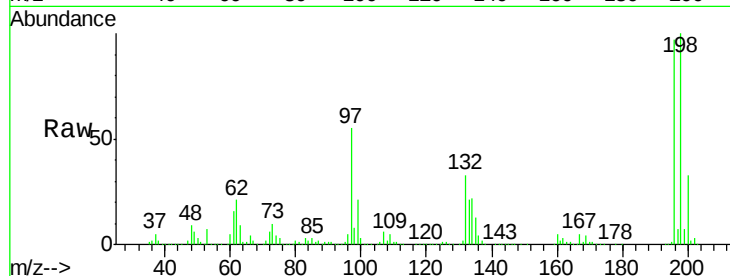
Ion Ratio Lower Upper

196 100

198 103.1 79.0 118.6

97 56.2 33.0 49.6#

132 33.8 21.1 31.7#

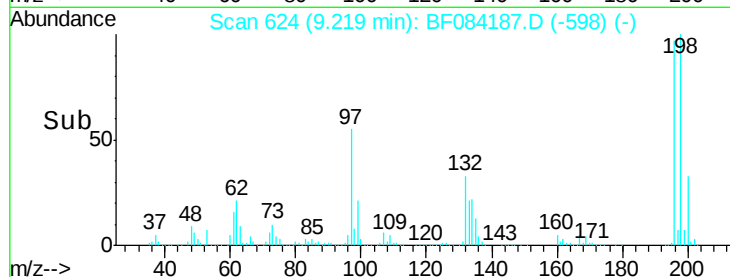


Abundance Ion 196.00 (195.70 to 196.70): E

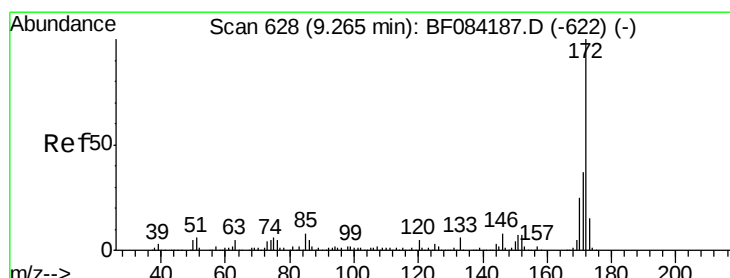
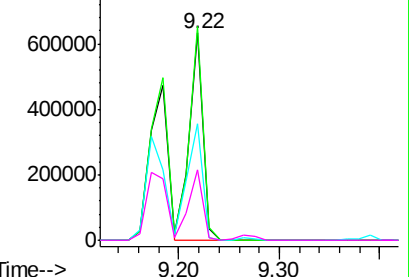
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 32.83 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

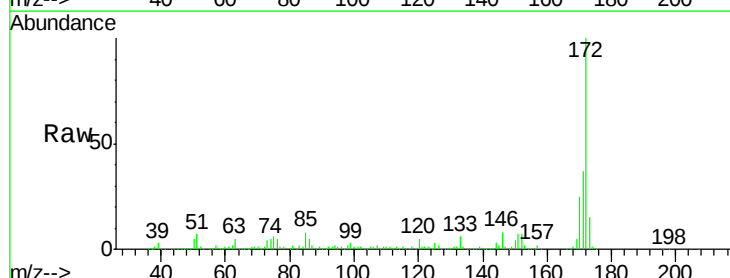
Tgt Ion:172 Resp: 3266179

Ion Ratio Lower Upper

172 100

171 37.4 28.9 43.3

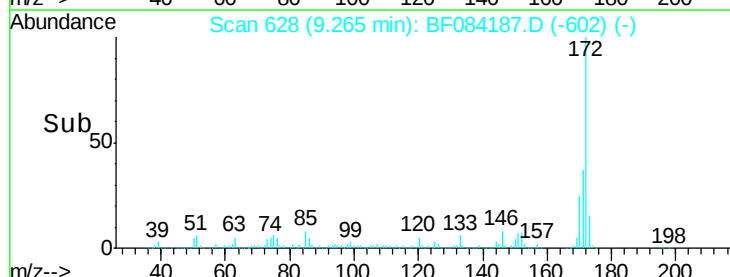
170 25.3 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

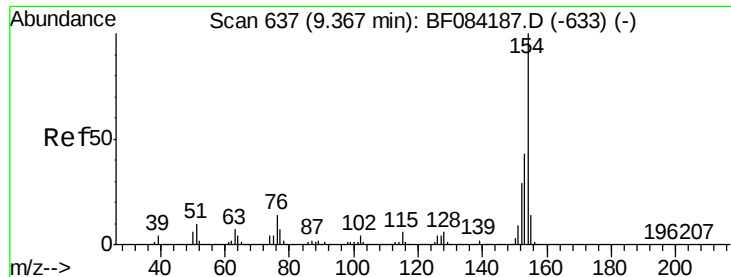
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->

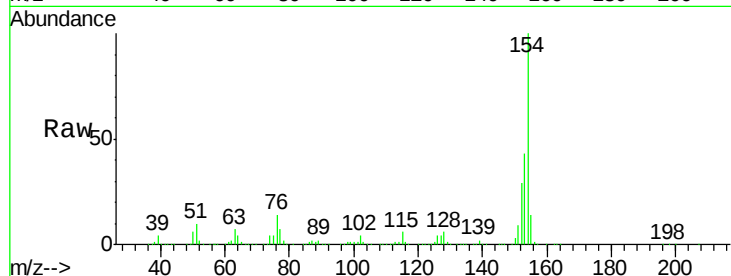




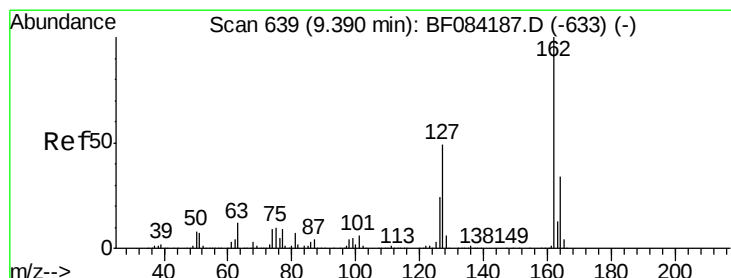
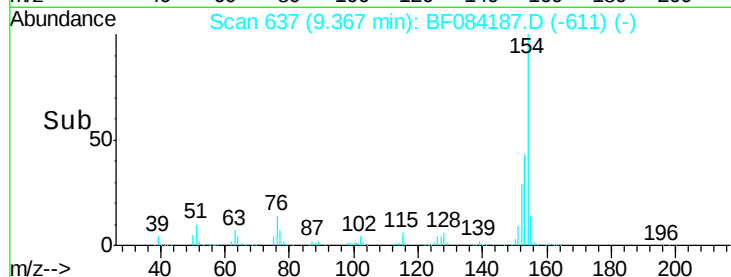
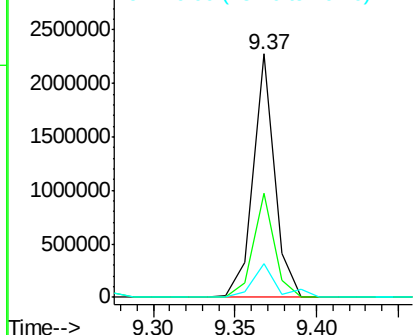
#45
 1,1'-Biphenyl
 Concen: 32.54 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:154 Resp: 2079324
 Ion Ratio Lower Upper
 154 100
 153 42.8 21.6 61.6
 76 14.1 0.0 32.7

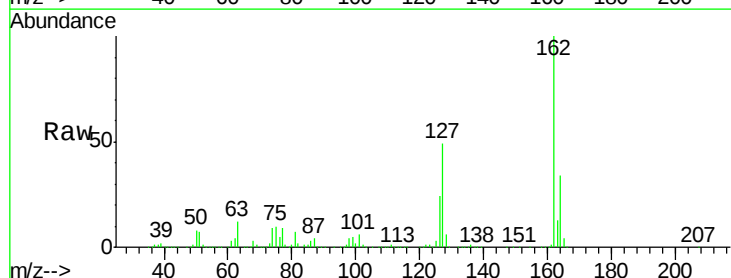


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

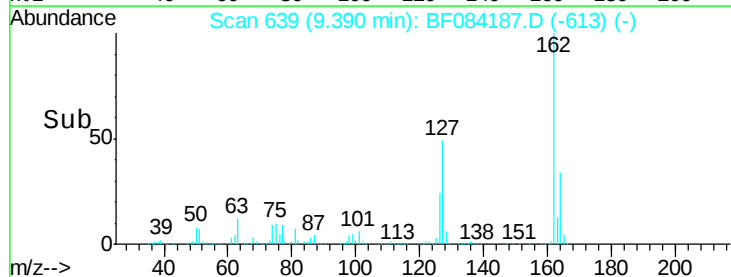
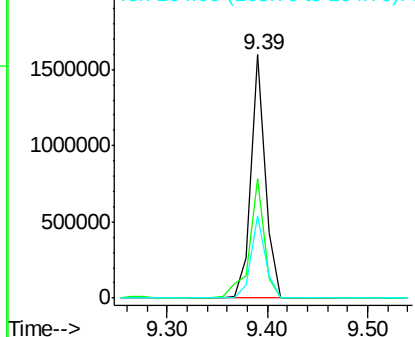


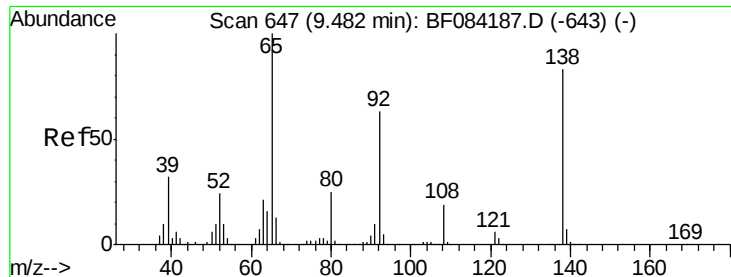
#46
 2-Chloronaphthalene
 Concen: 33.48 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:162 Resp: 1580190
 Ion Ratio Lower Upper
 162 100
 127 48.8 40.2 60.4
 164 33.9 25.7 38.5



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

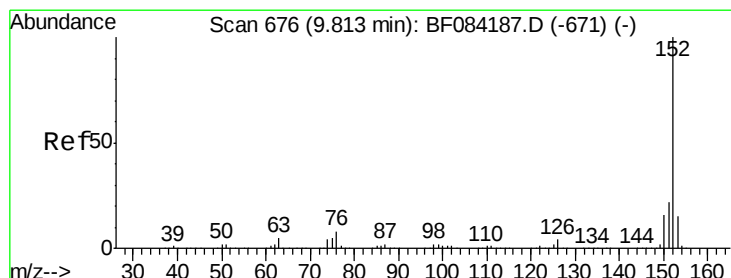
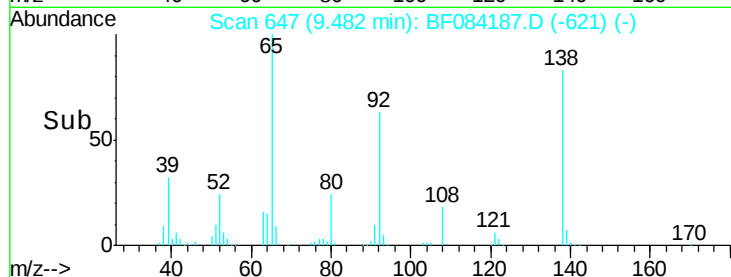
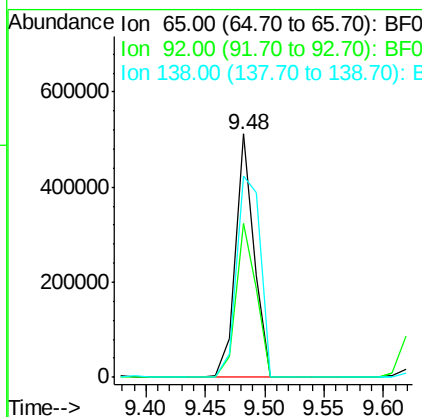
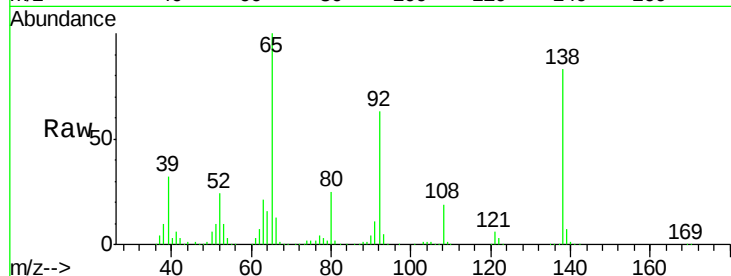




#47
2-Nitroaniline
Concen: 40.16 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

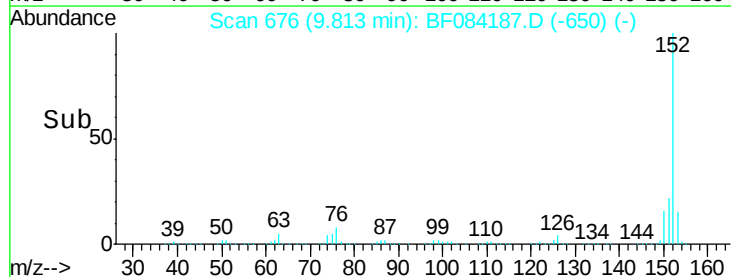
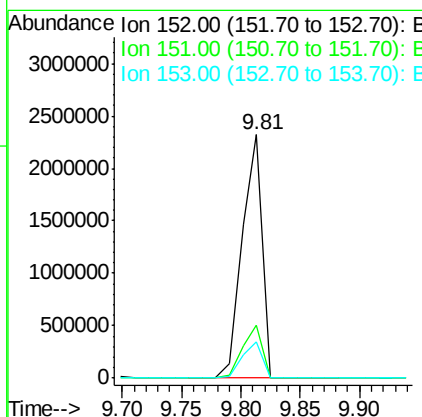
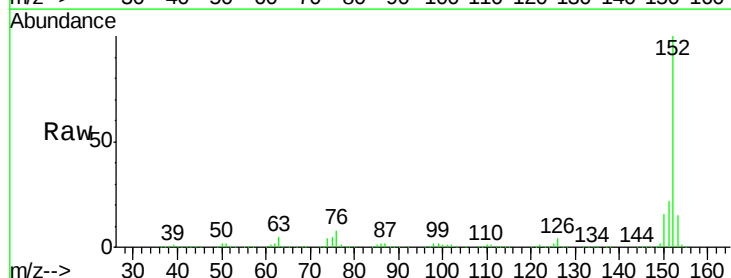
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 65 Resp: 556115
Ion Ratio Lower Upper
65 100
92 63.0 53.4 80.2
138 82.9 71.1 106.7



#48
Acenaphthylene
Concen: 35.84 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion: 152 Resp: 2713430
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 14.9 10.4 15.6

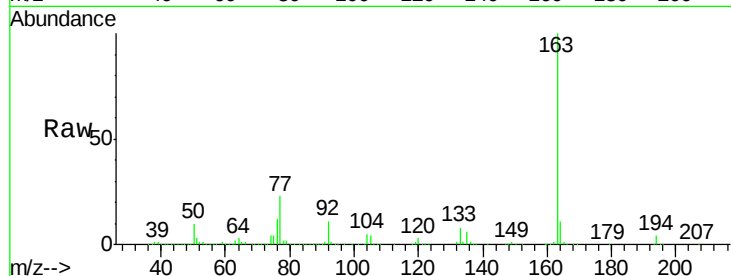




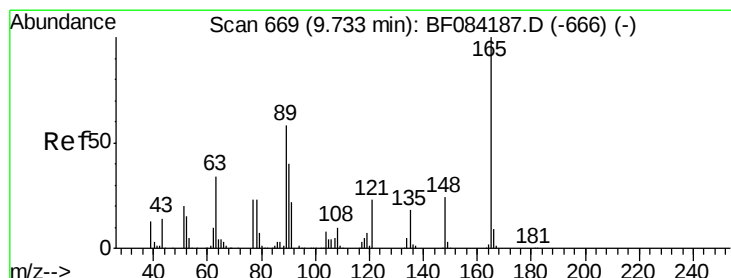
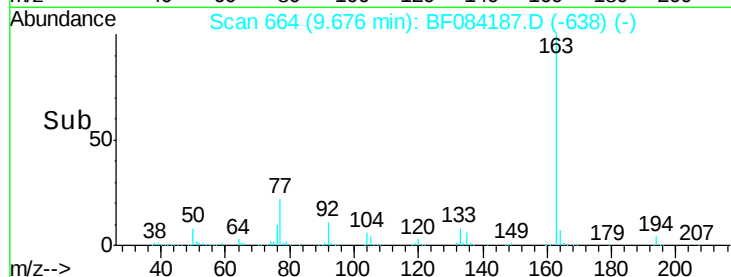
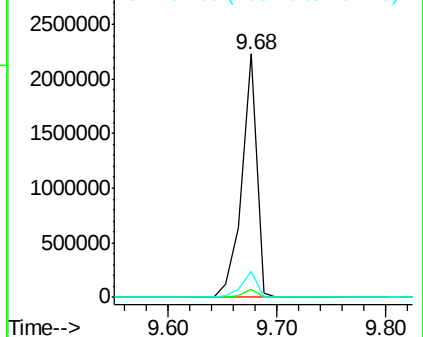
#49
Dimethylphthalate
Concen: 38.50 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:163 Resp: 2087593
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.8 8.0 12.0

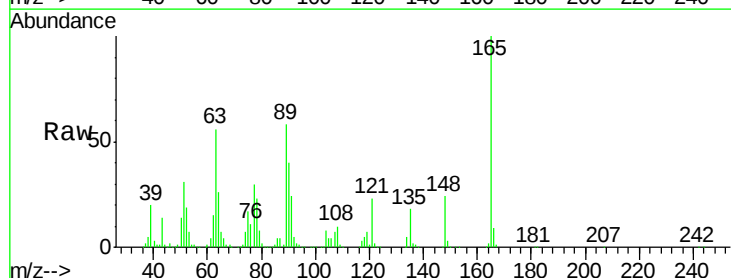


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

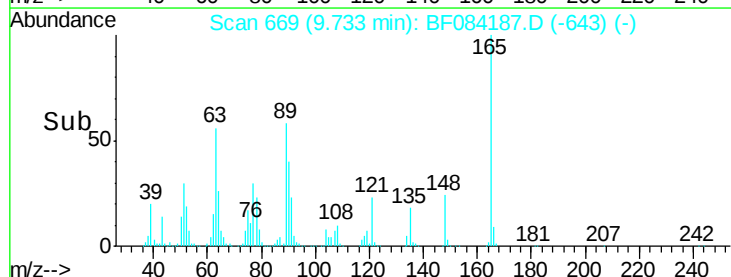
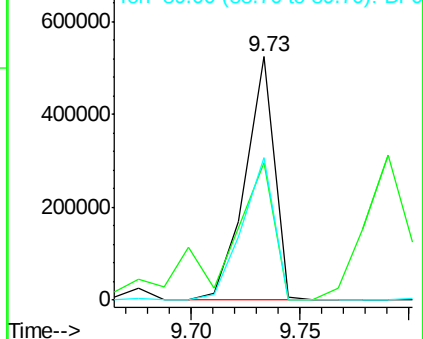


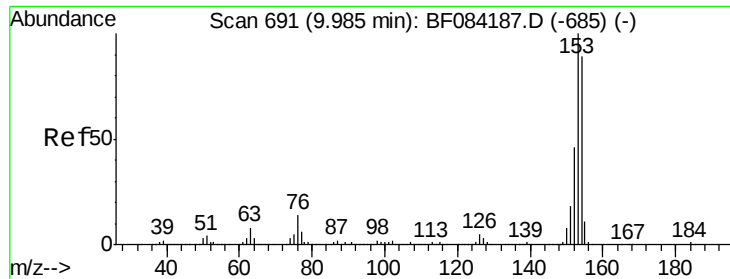
#50
2,6-Dinitrotoluene
Concen: 43.21 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:165 Resp: 487425
Ion Ratio Lower Upper
165 100
63 56.3 28.8 43.2#
89 58.5 35.1 52.7#



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: 37.72 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

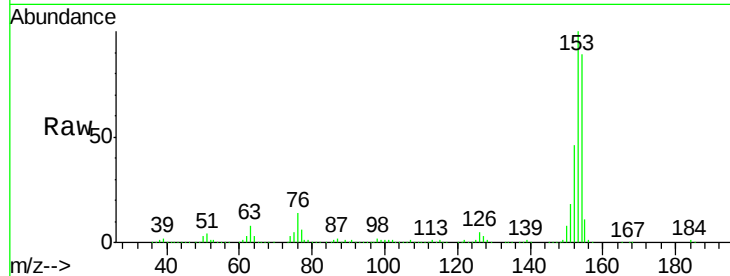
Tot Ion:154 Resp: 1865640

Ion Ratio Lower Upper

154 100

153 111.9 91.5 137.3

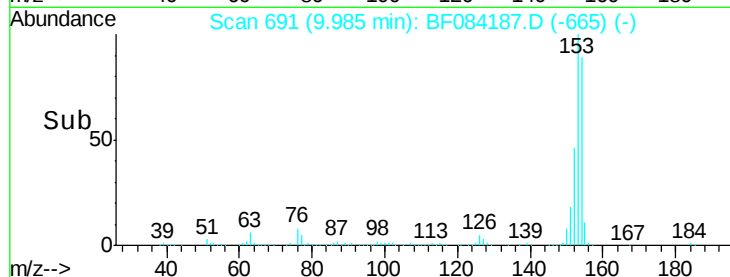
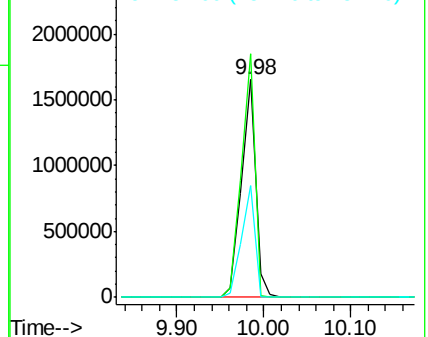
152 51.6 43.0 64.6



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: 42.49 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

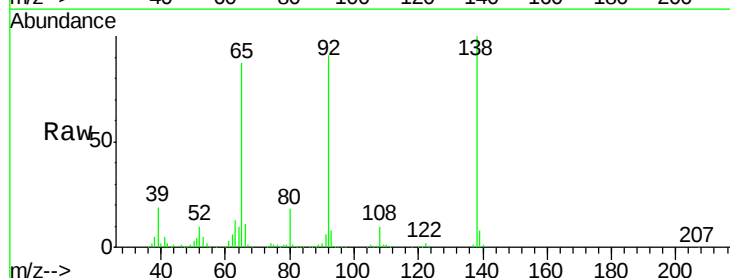
Tgt Ion:138 Resp: 591295

Ion Ratio Lower Upper

138 100

108 9.6 10.5 15.7#

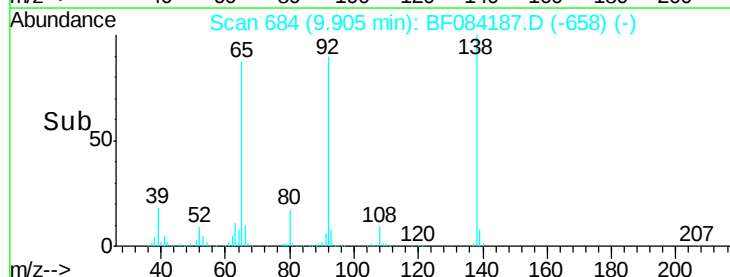
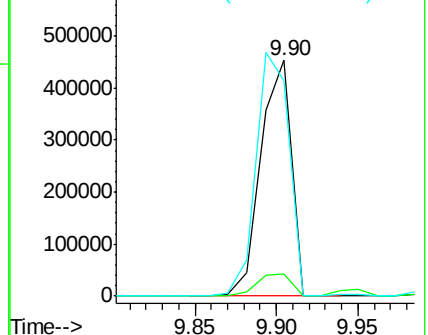
92 91.3 103.9 155.9#

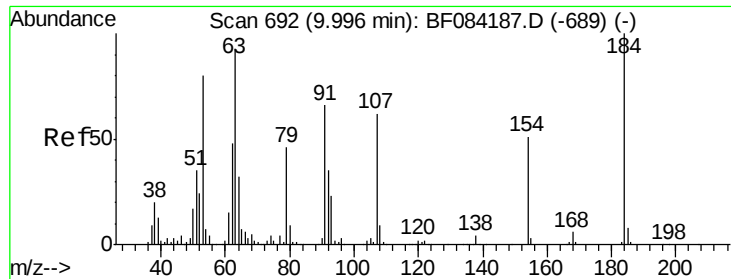


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

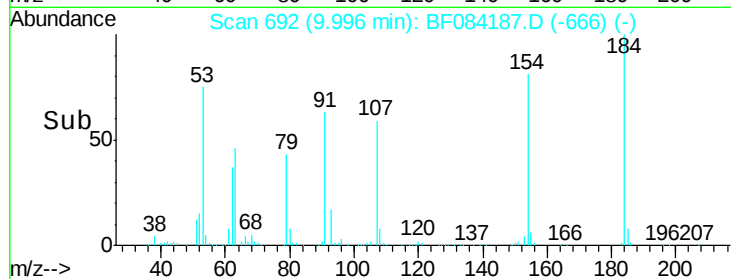
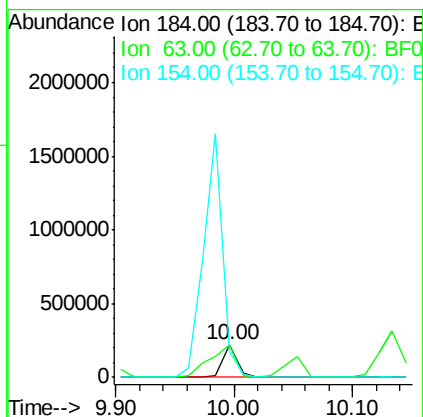
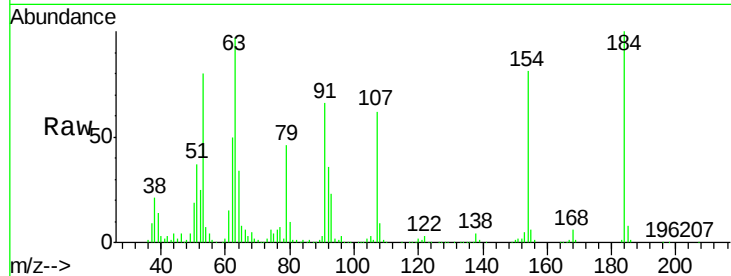




#53
 2,4-Dinitrophenol
 Concen: 63.21 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

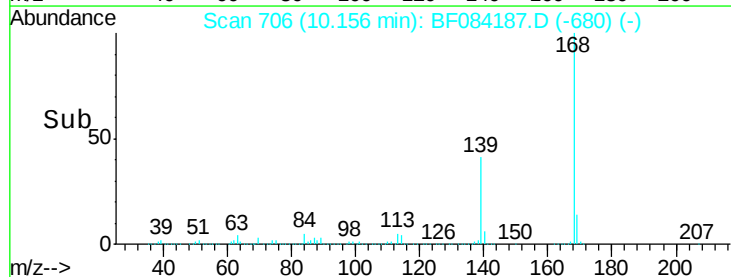
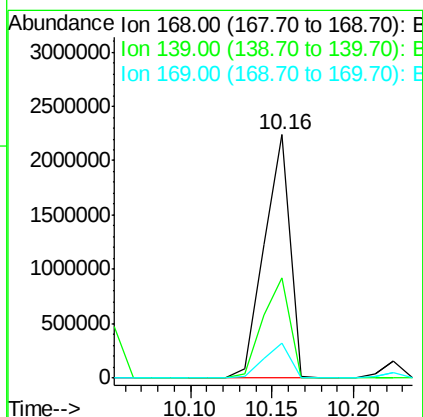
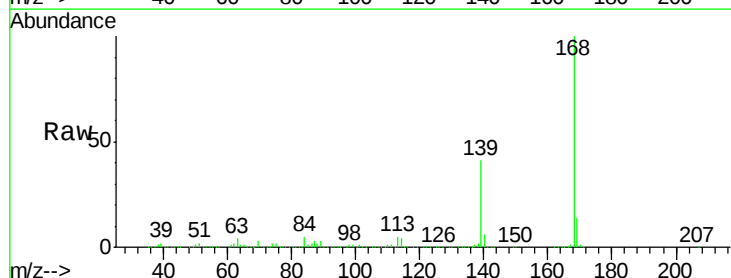
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

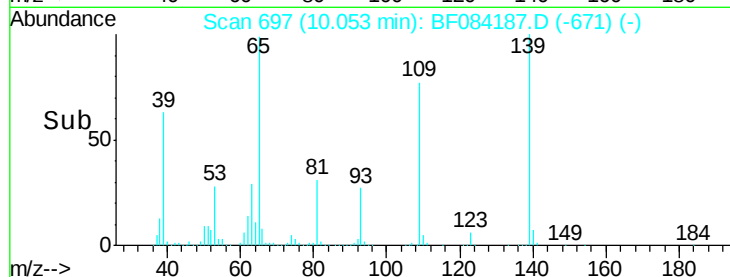
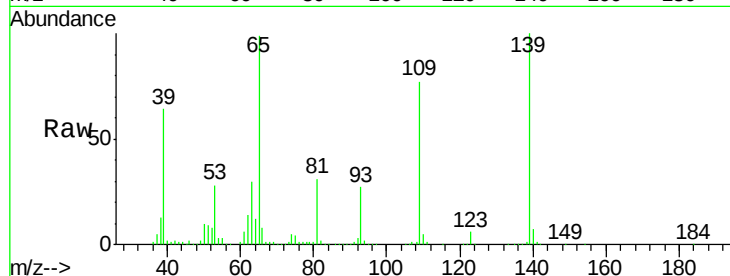
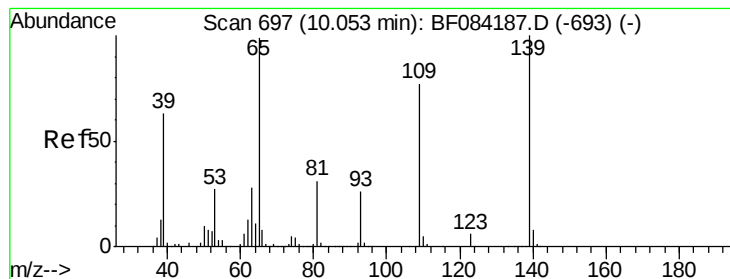
Tot Ion:184 Resp: 188360
 Ion Ratio Lower Upper
 184 100
 63 97.2 43.1 64.7#
 154 80.8 60.5 90.7



#54
 Dibenzofuran
 Concen: 36.00 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:168 Resp: 2448424
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.5 45.7
 169 14.2 10.4 15.6





#55

4-Nitrophenol

Concen: 30.15 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

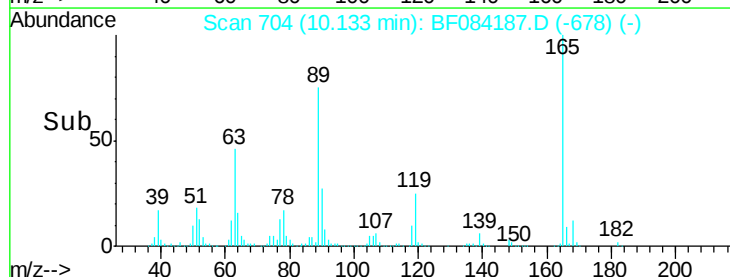
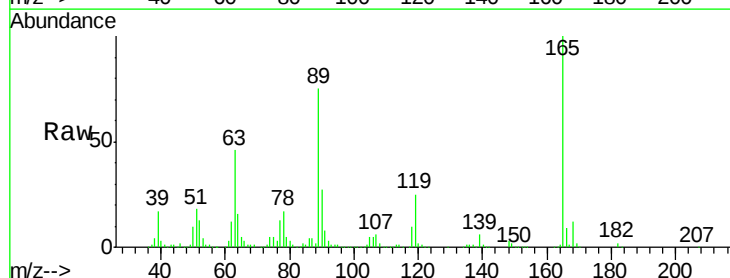
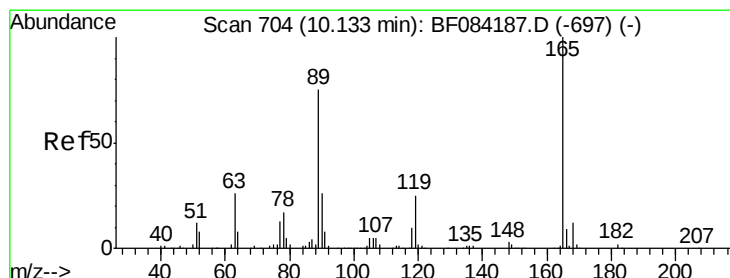
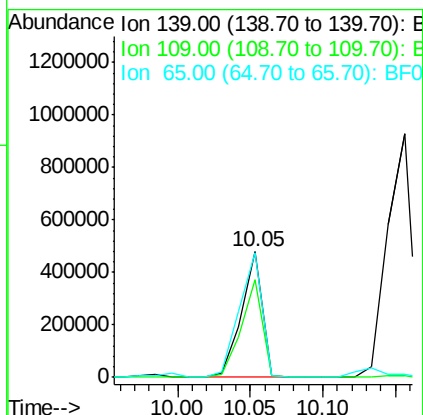
Tot Ion:139 Resp: 475066

Ion Ratio Lower Upper

139 100

109 77.4 58.5 98.5

65 98.9 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 46.43 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:165 Resp: 650816

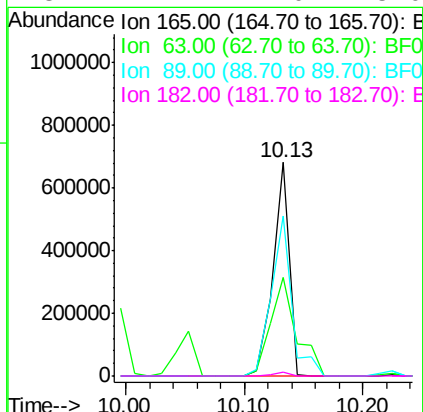
Ion Ratio Lower Upper

165 100

63 46.4 36.7 55.1

89 75.0 61.9 92.9

182 2.1 2.0 3.0





#57

Fluorene

Concen: 35.32 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

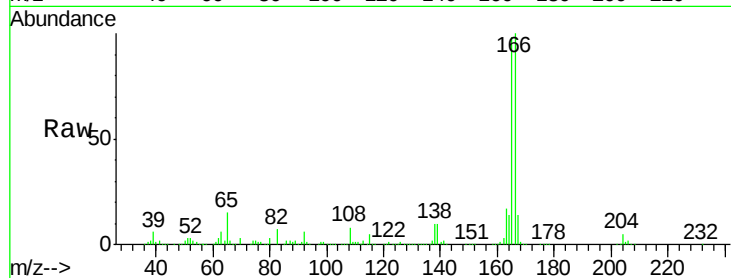
Tot Ion:166 Resp: 1848464

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

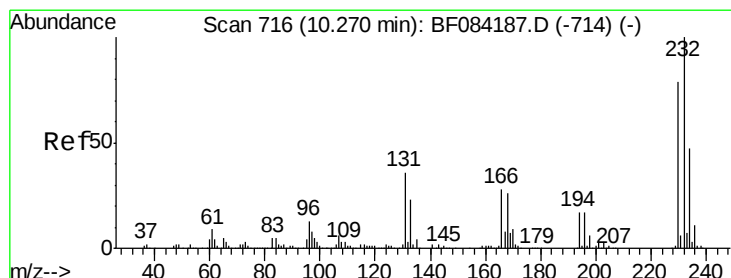
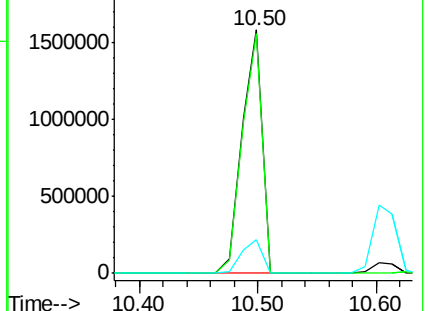
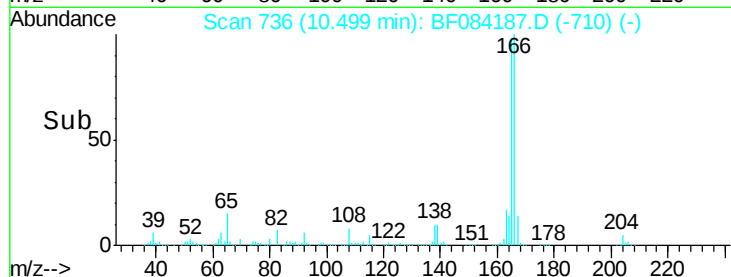
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.43 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:232 Resp: 522787

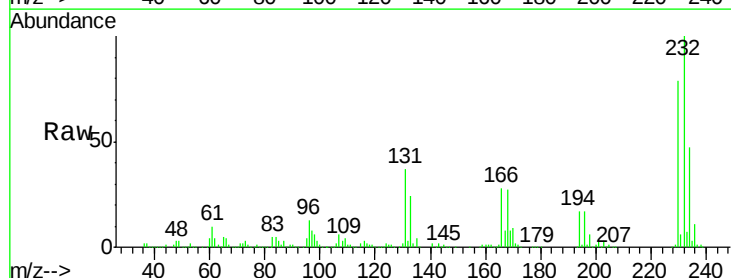
Ion Ratio Lower Upper

232 100

131 51.1 47.0 70.6

130 2.3 2.0 3.0

166 34.0 30.5 45.7

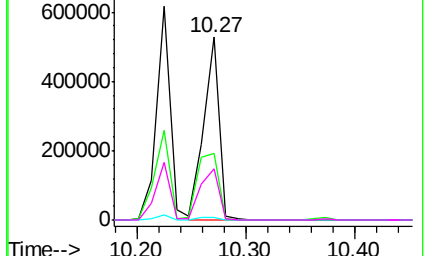
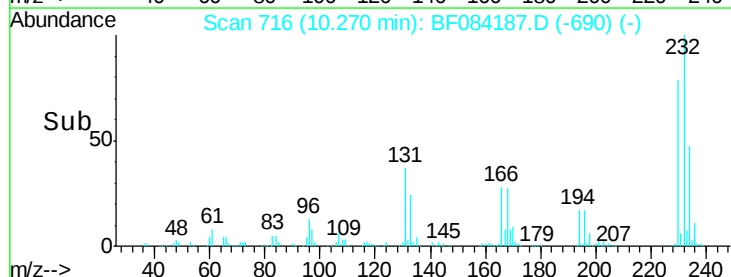


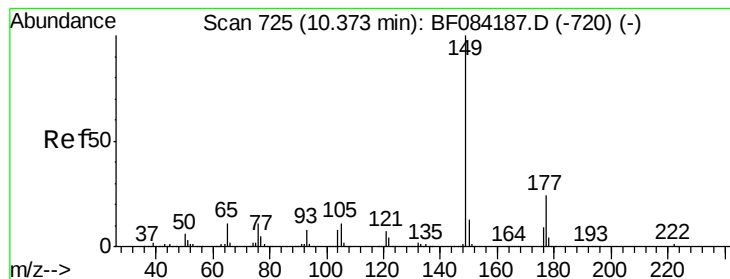
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.73 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

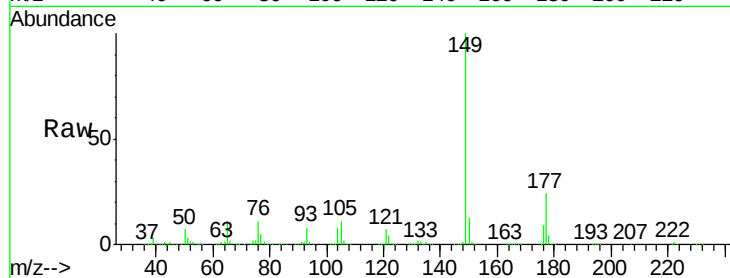
Tot Ion:149 Resp: 2025364

Ion Ratio Lower Upper

149 100

177 23.7 17.3 25.9

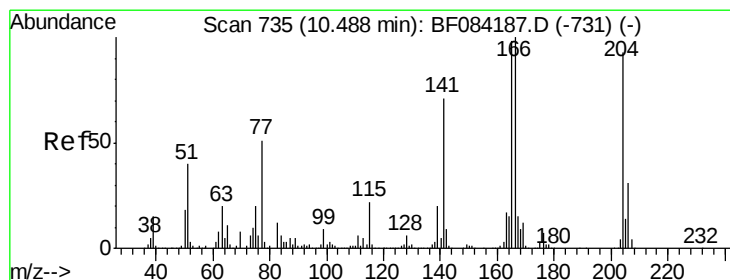
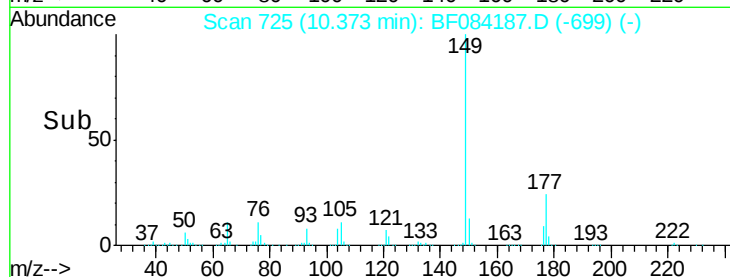
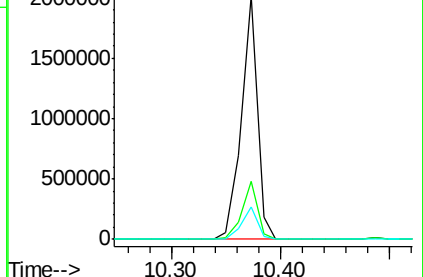
150 13.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.44 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

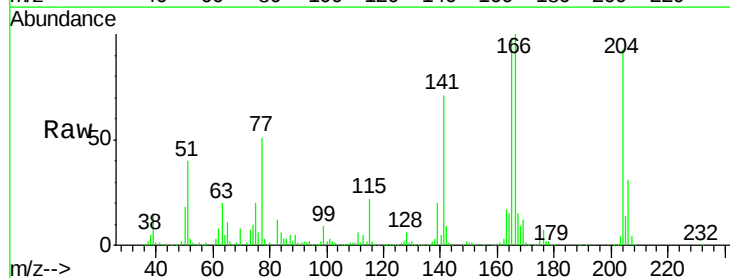
Tgt Ion:204 Resp: 786545

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

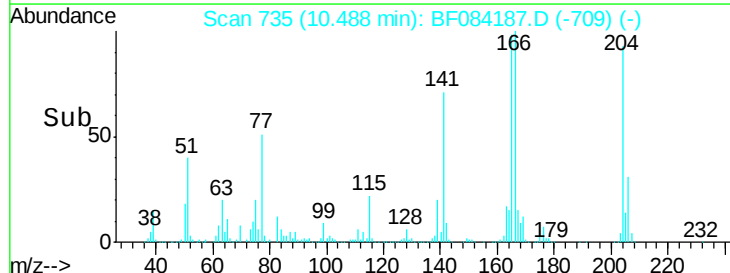
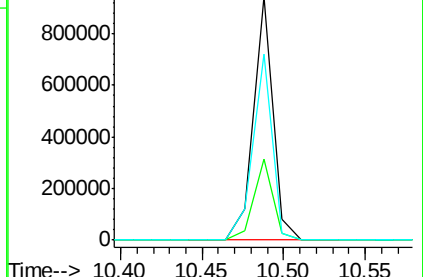
141 76.2 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

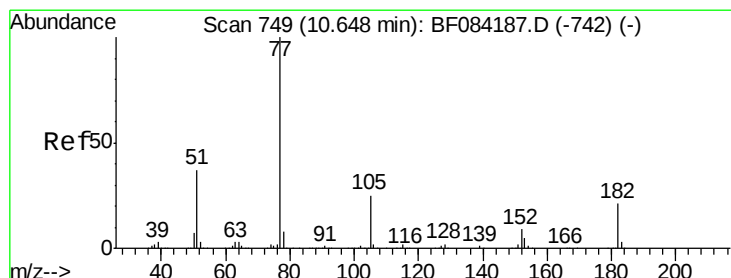
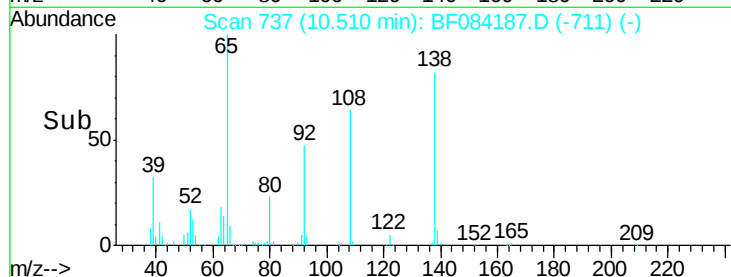
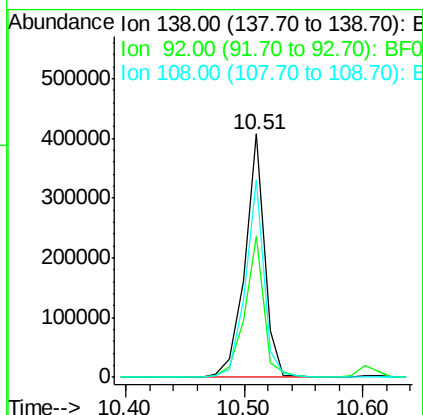
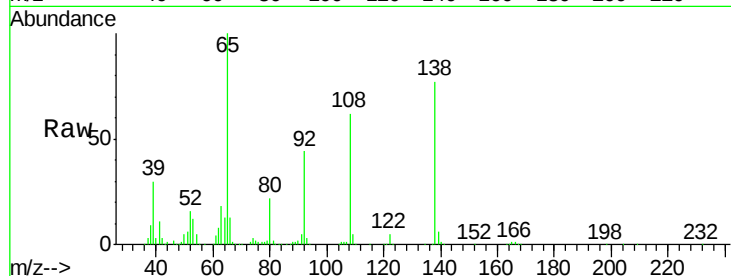




#61
4-Nitroaniline
Concen: 40.29 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

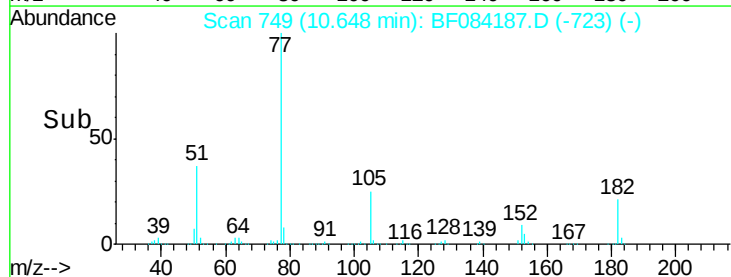
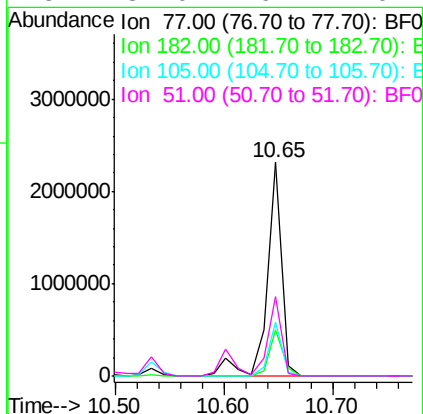
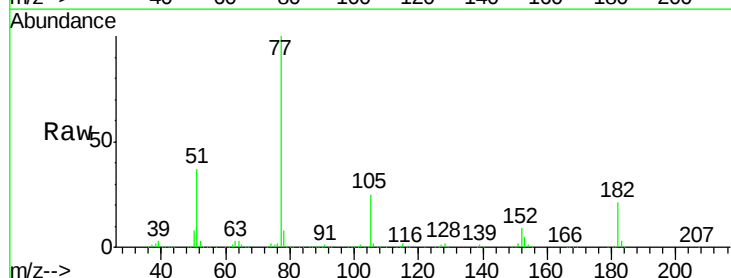
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

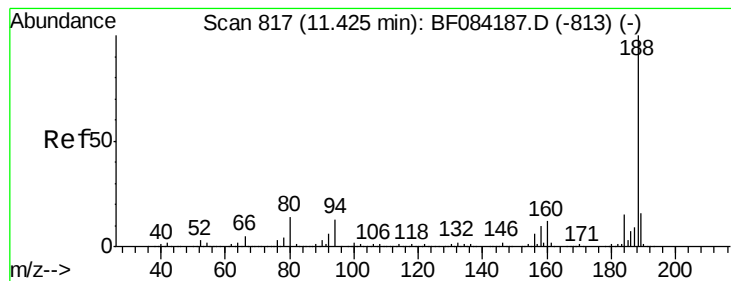
Tot Ion:138 Resp: 474792
Ion Ratio Lower Upper
138 100
92 57.7 32.6 72.6
108 81.1 68.6 108.6



#62
Azobenzene
Concen: 37.52 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion: 77 Resp: 2208268
Ion Ratio Lower Upper
77 100
182 21.4 8.3 48.3
105 24.9 4.6 44.6
51 37.0 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

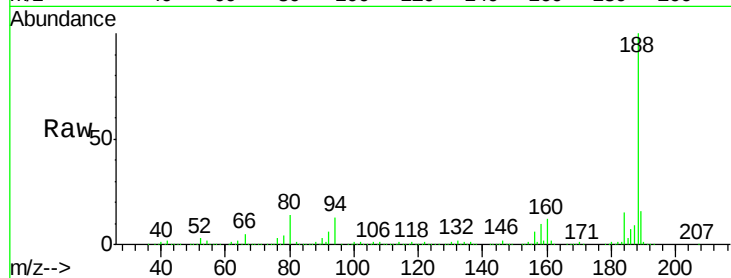
Tot Ion:188 Resp: 1247663

Ion Ratio Lower Upper

188 100

94 12.6 9.0 13.4

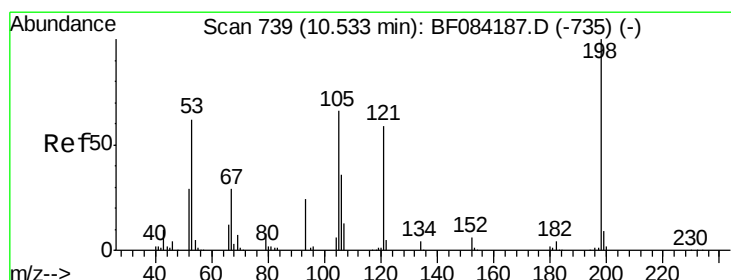
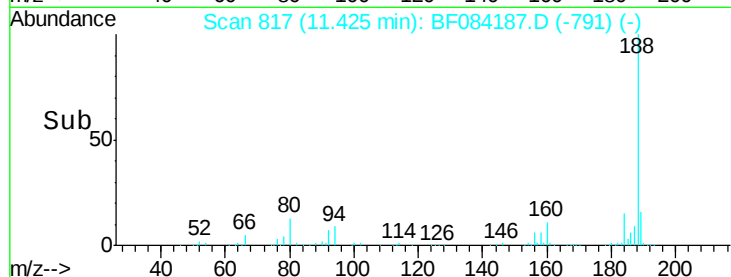
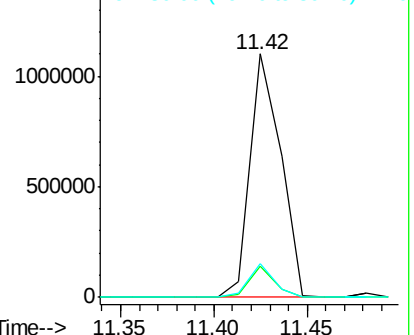
80 13.8 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.51 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

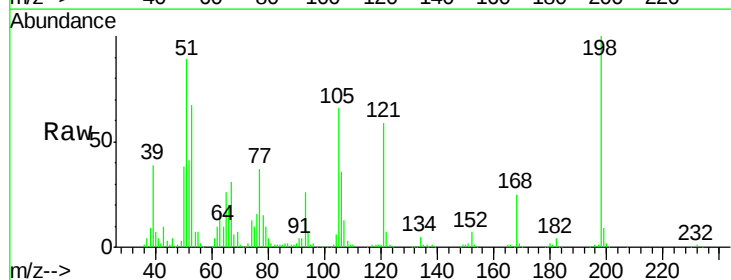
Tgt Ion:198 Resp: 284202

Ion Ratio Lower Upper

198 100

51 89.4 18.9 58.9#

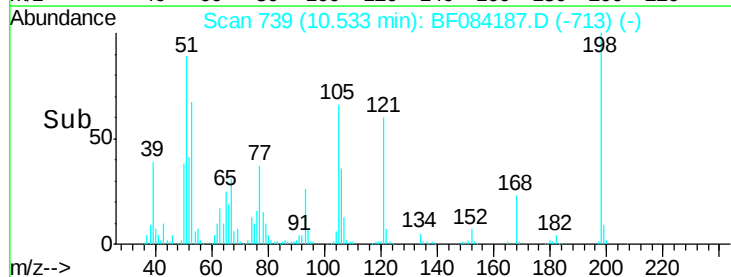
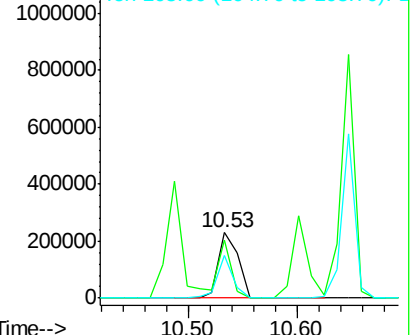
105 66.2 26.4 66.4

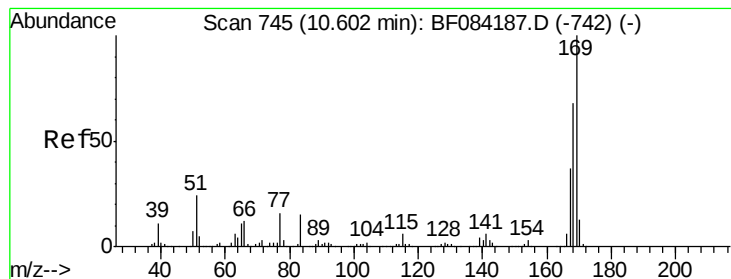


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

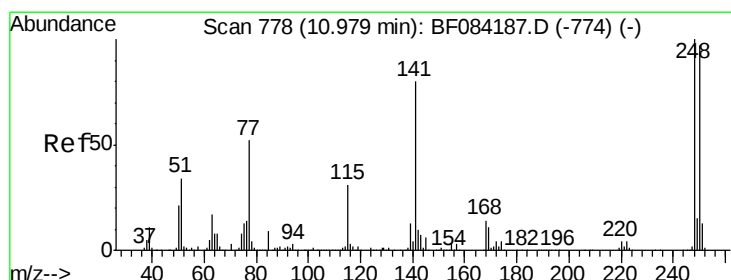
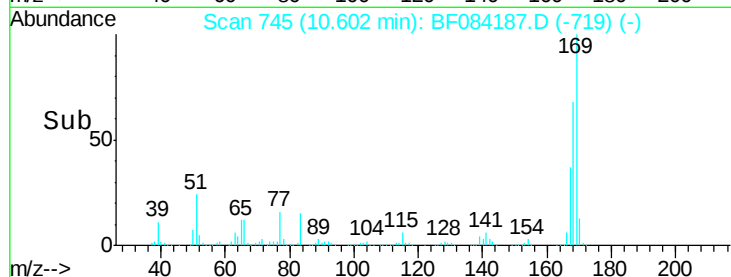
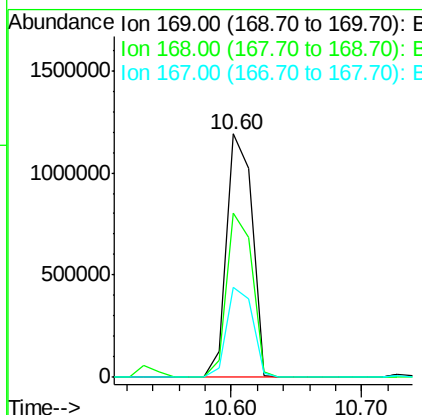
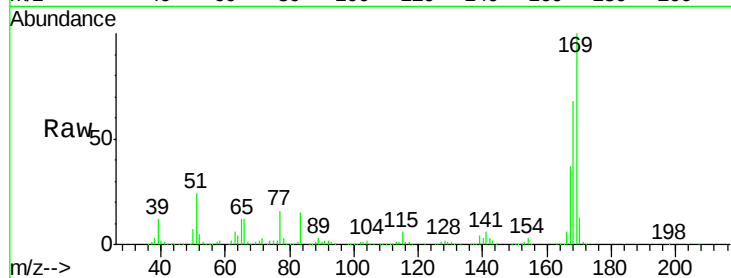




#65
 n-Nitrosodiphenylamine
 Concen: 37.93 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

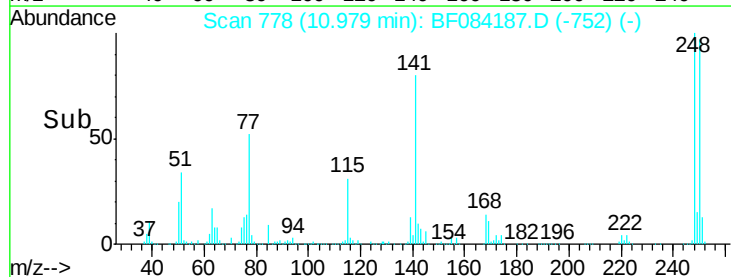
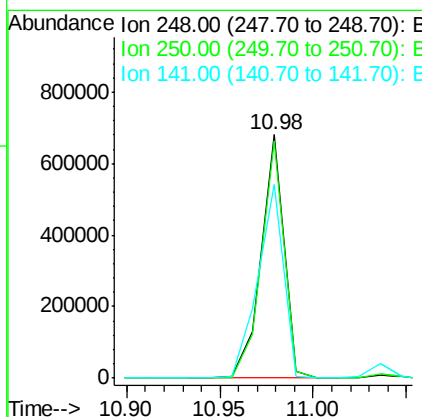
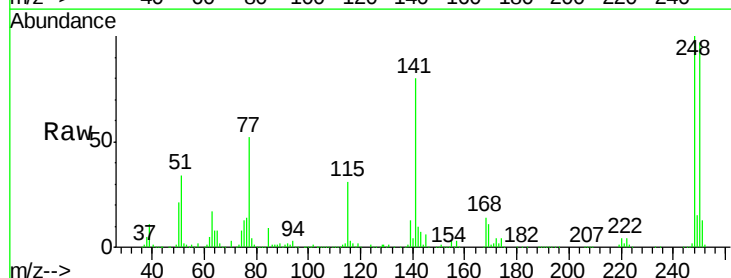
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

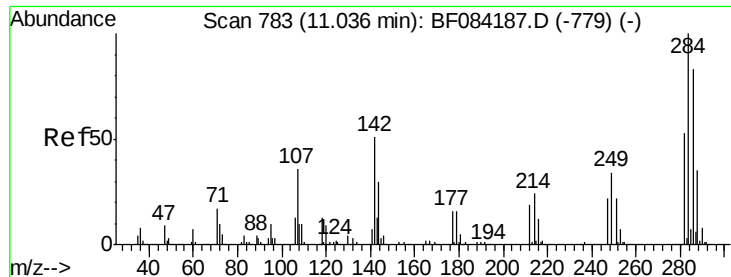
Tot Ion:169 Resp: 1613628
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.1 82.7
 167 37.1 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.78 ng
 RT: 10.98 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:248 Resp: 574106
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.4 117.6
 141 79.7 44.0 66.0#

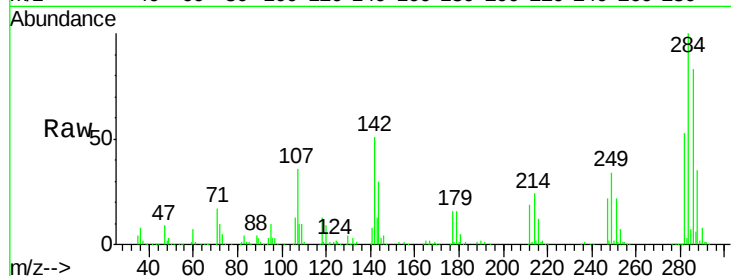




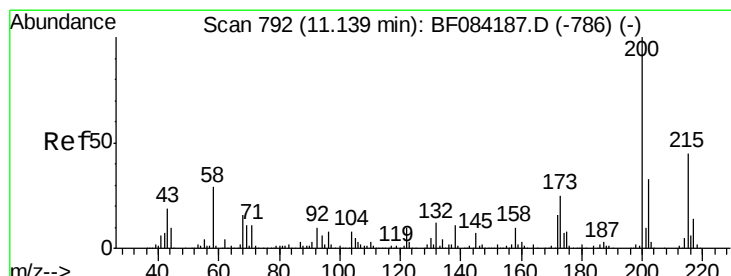
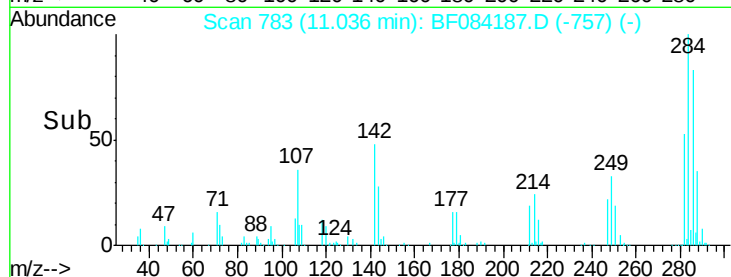
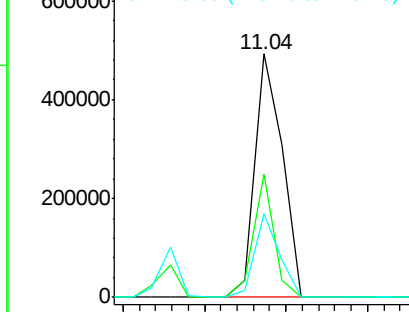
#67
Hexachlorobenzene
Concen: 35.84 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:284 Resp: 573897
Ion Ratio Lower Upper
284 100
142 50.8 22.2 33.4#
249 34.3 24.6 37.0

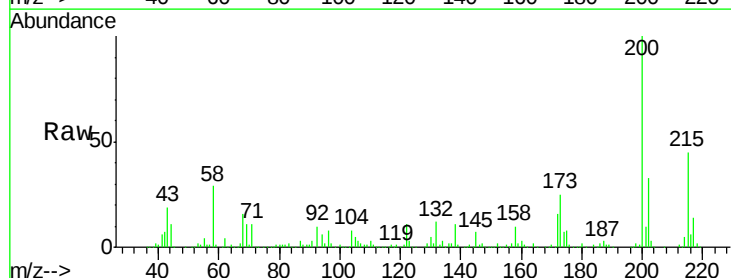


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

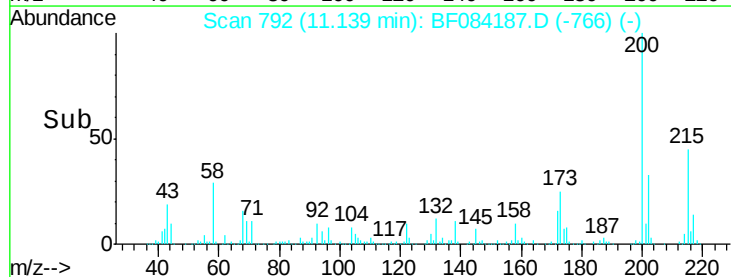
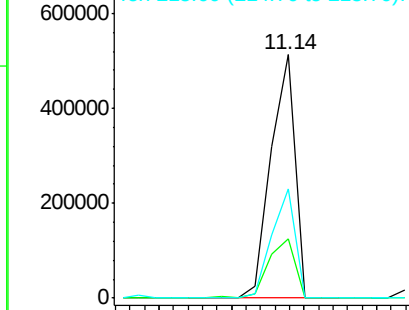


#68
Atrazine
Concen: 41.81 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:200 Resp: 590945
Ion Ratio Lower Upper
200 100
173 24.6 9.5 49.5
215 45.0 23.8 63.8



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: 52.38 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

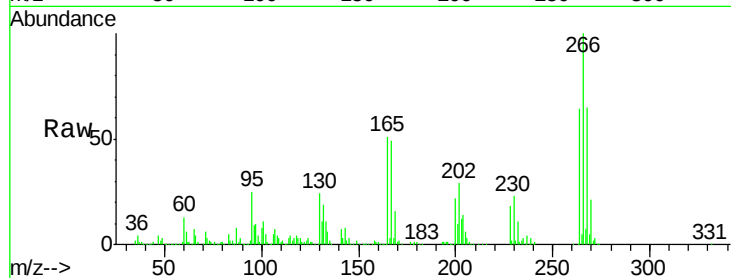
Tot Ion:266 Resp: 359015

Ion Ratio Lower Upper

266 100

268 65.3 52.4 78.6

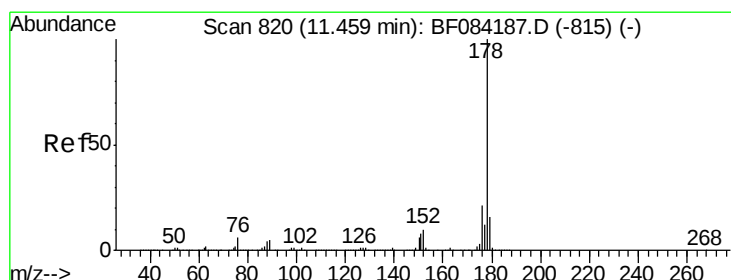
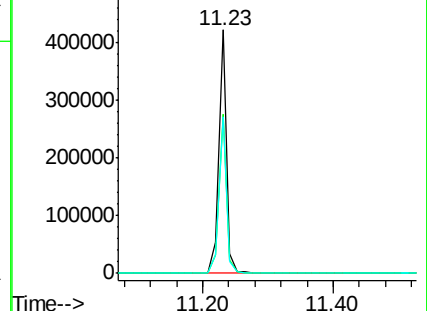
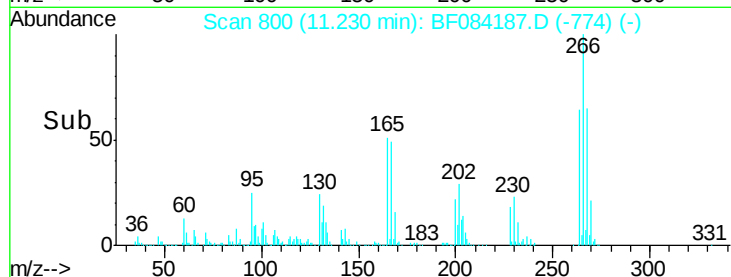
264 64.1 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.16 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

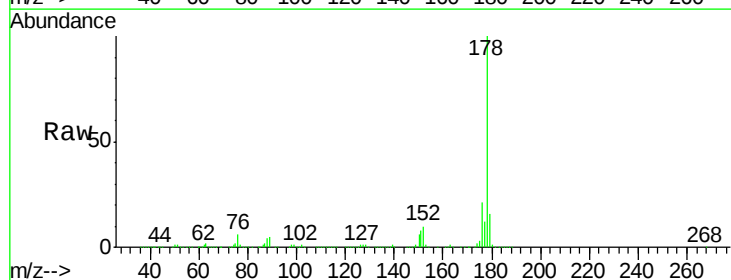
Tgt Ion:178 Resp: 2856582

Ion Ratio Lower Upper

178 100

176 21.1 15.3 22.9

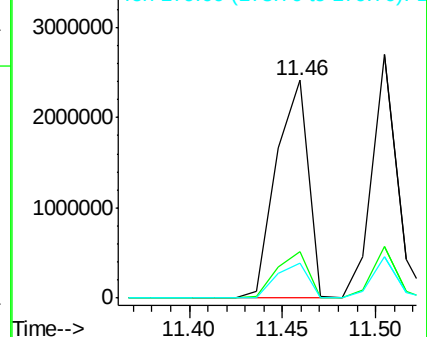
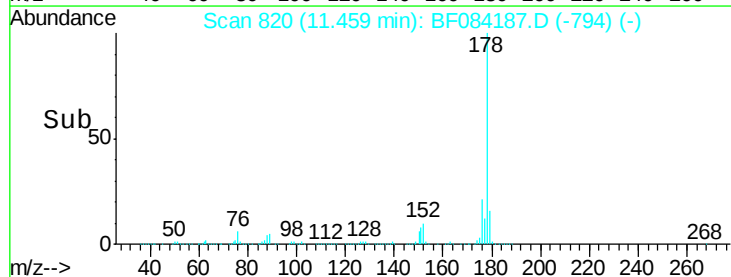
179 16.3 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 33.60 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

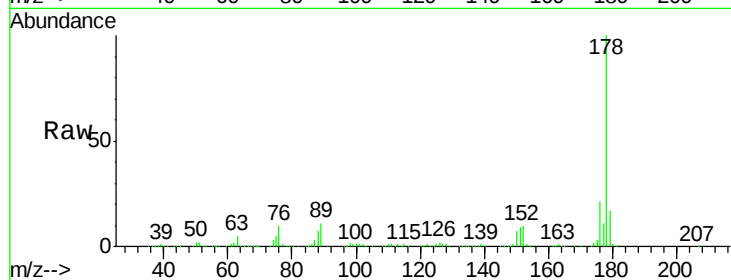
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 2472758

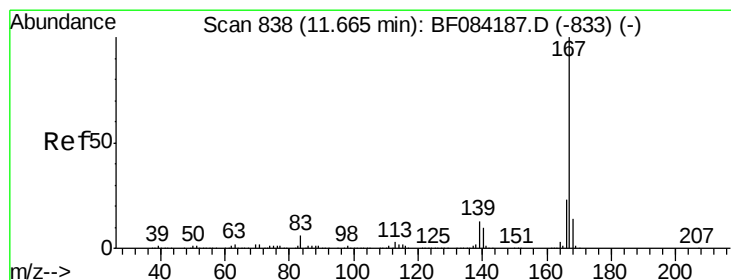
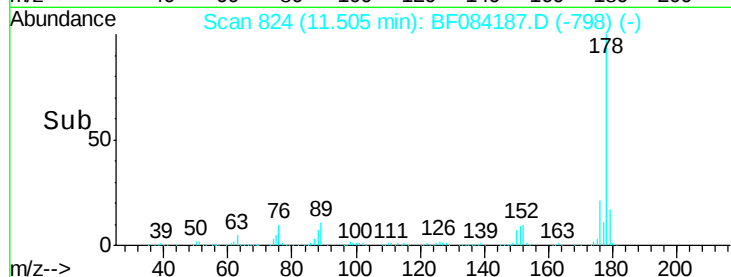
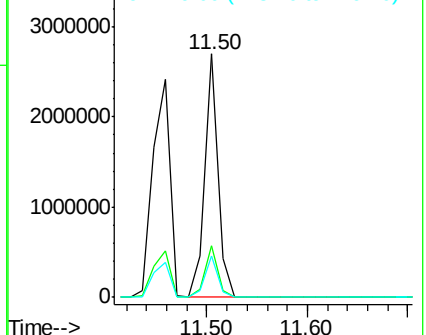
Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.4	23.0
179	17.3	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.60 ng

RT: 11.66 min Scan# 838

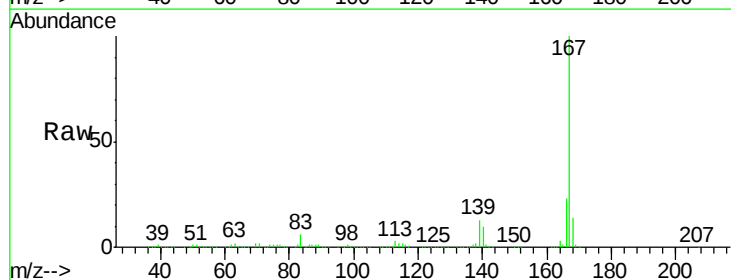
Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:167 Resp: 2624160

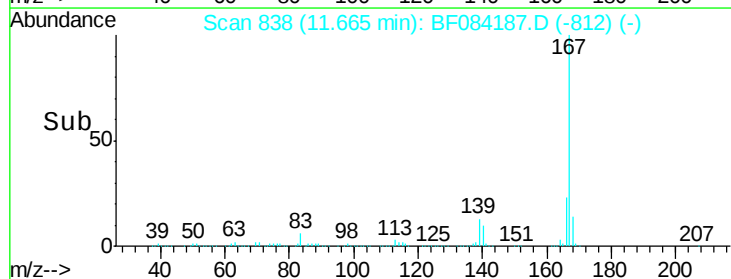
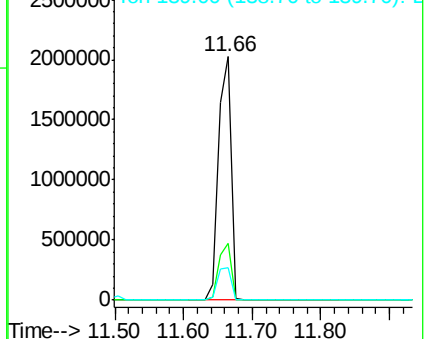
Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	13.1	11.8	17.8

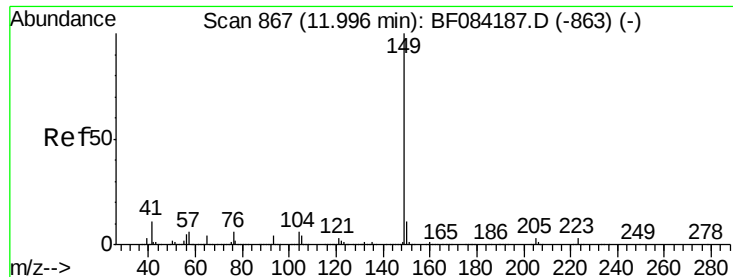


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.09 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

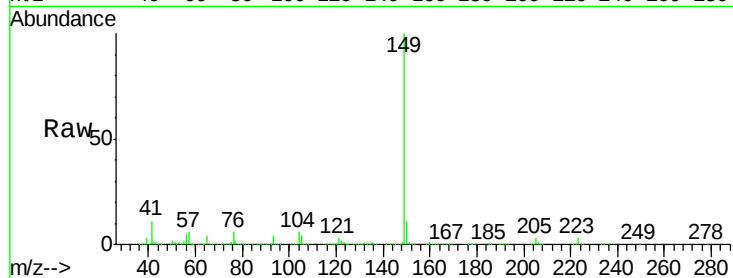
Tot Ion:149 Resp: 2850958

Ion Ratio Lower Upper

149 100

150 11.0 7.1 10.7#

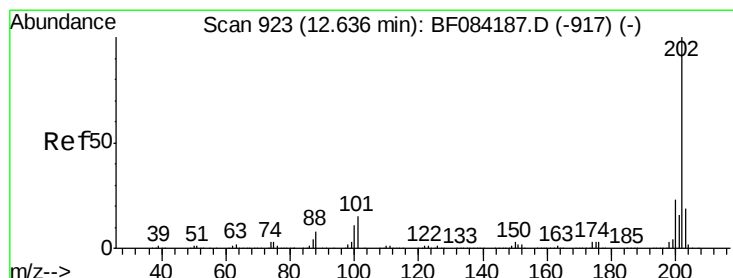
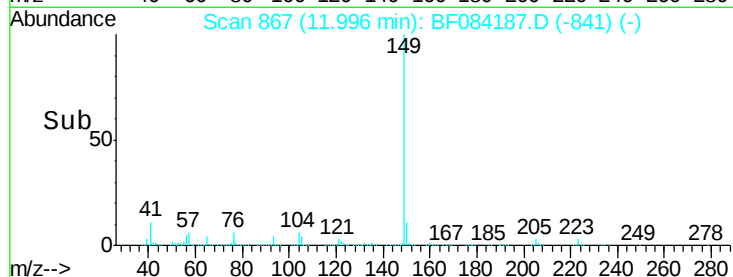
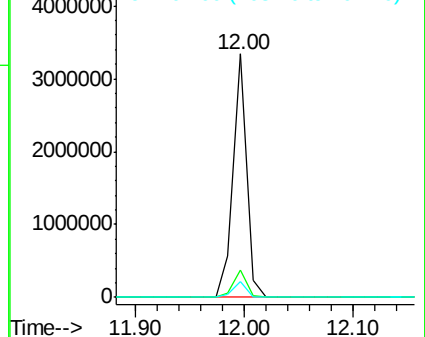
104 6.4 3.2 4.8#



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: 35.57 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

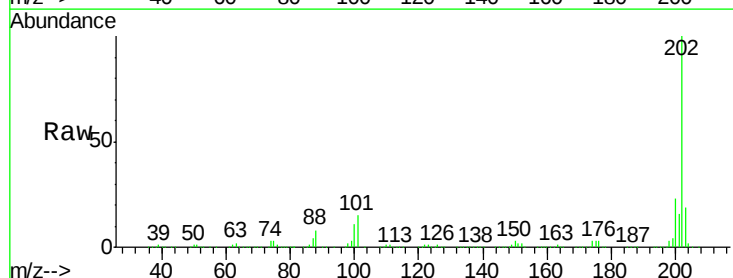
Tgt Ion:202 Resp: 2631218

Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.8

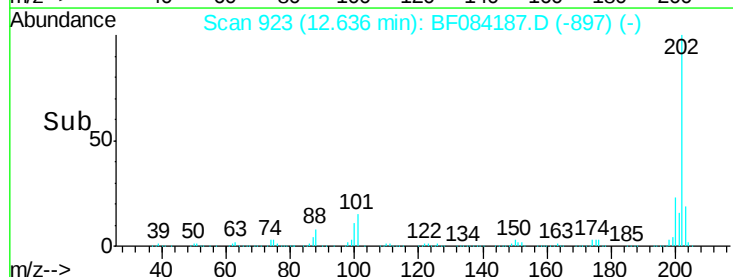
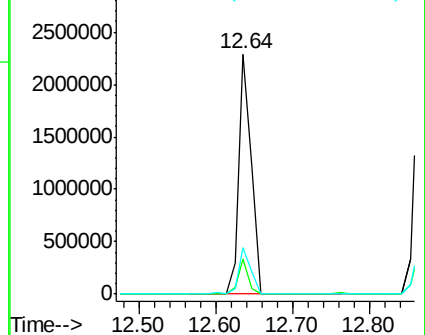
203 19.1 0.0 37.9

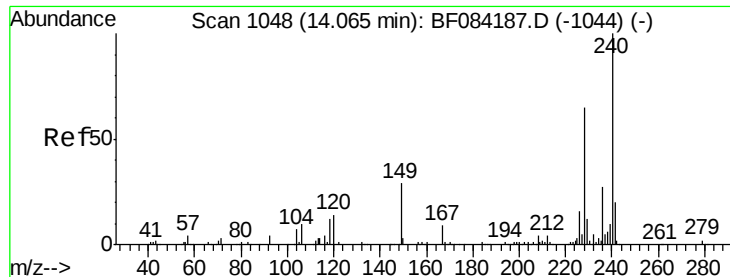


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

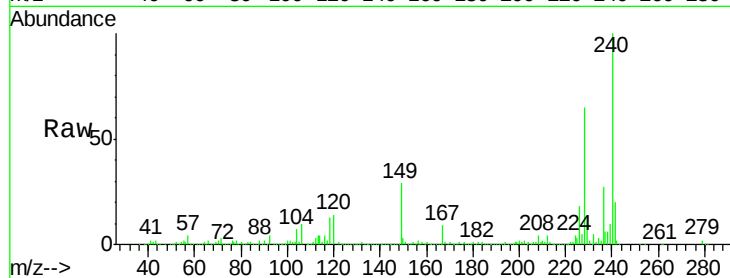
Tot Ion:240 Resp: 972193

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

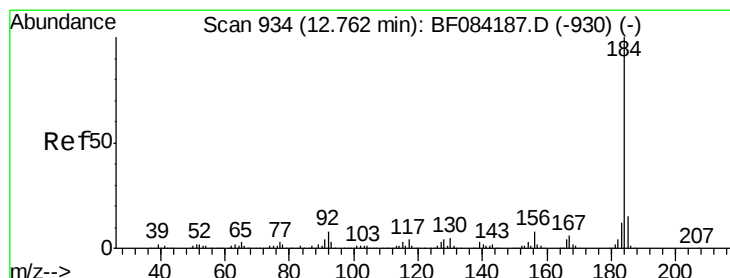
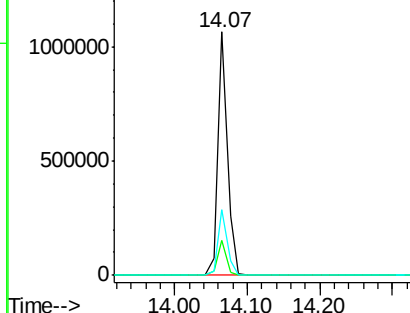
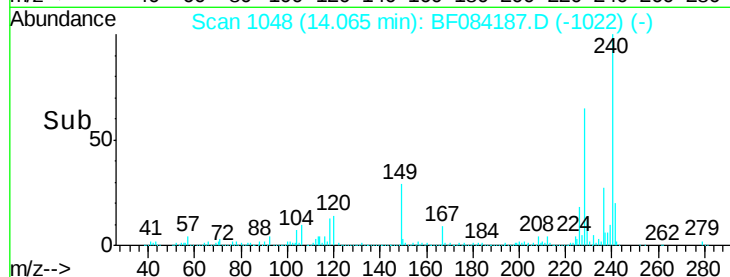
236 26.8 20.6 31.0



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: 37.68 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

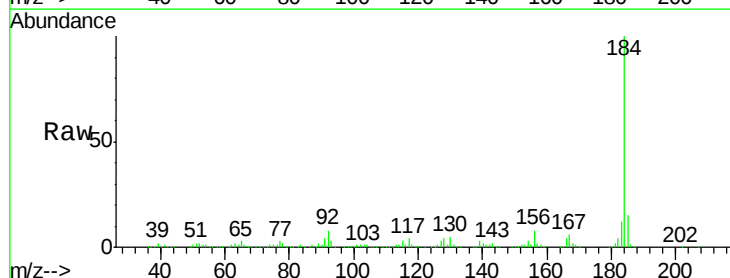
Tgt Ion:184 Resp: 1413922

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

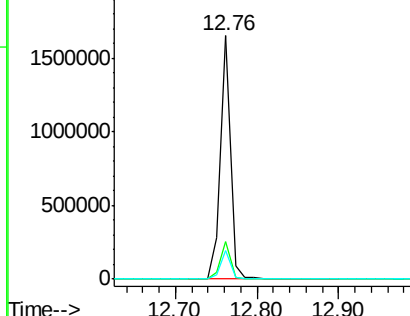
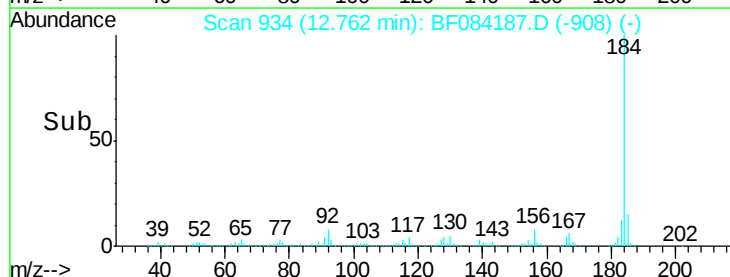
183 11.7 9.8 14.8

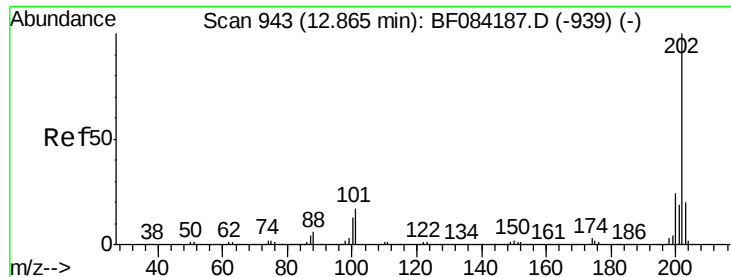


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

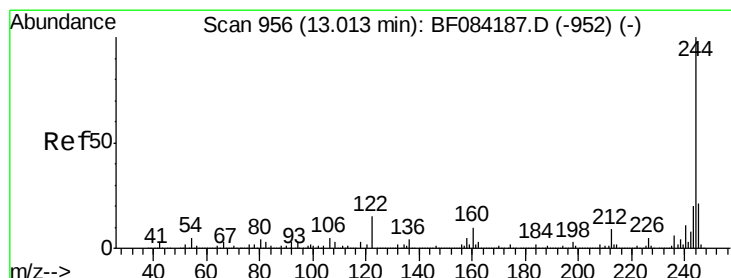
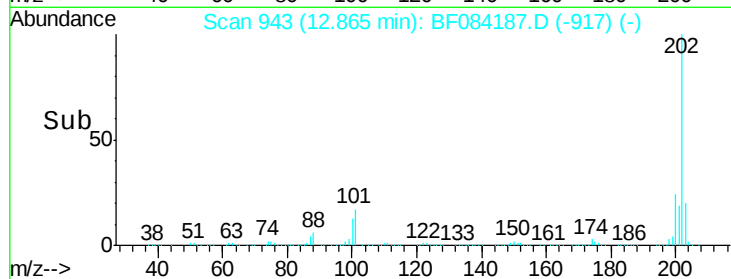
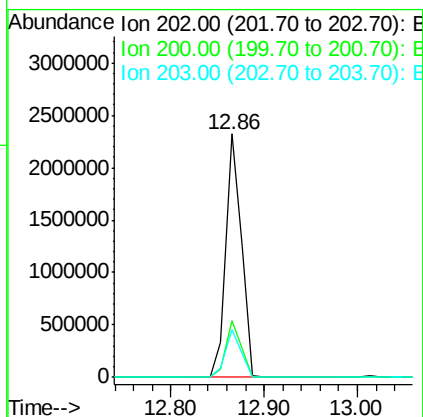
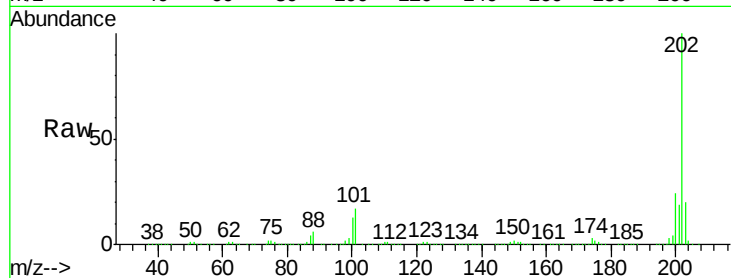




#77
Pvrene
Concen: 36.14 ng
RT: 12.86 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

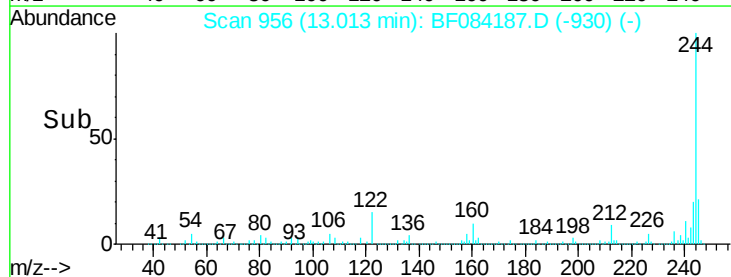
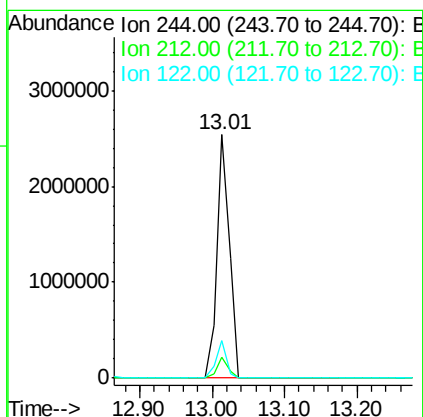
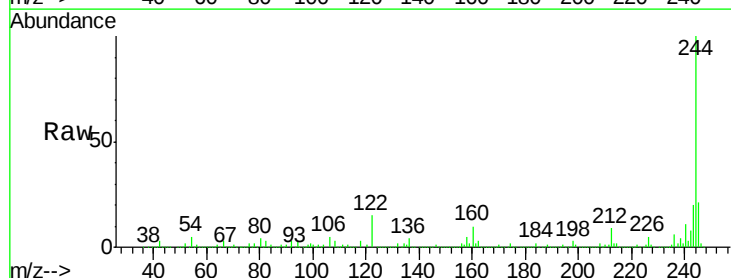
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

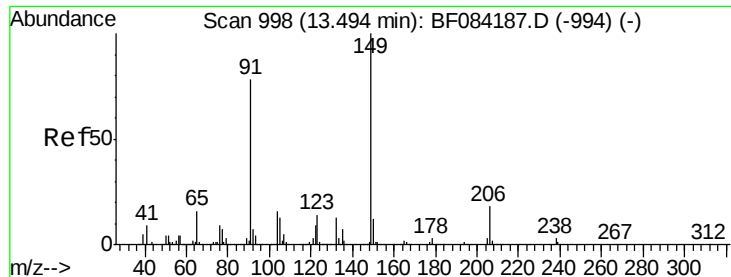
Tot Ion:202 Resp: 2699915
Ion Ratio Lower Upper
202 100
200 23.6 17.2 25.8
203 19.6 14.3 21.5



#78
Terphenyl-d14
Concen: 34.08 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:244 Resp: 3000900
Ion Ratio Lower Upper
244 100
212 8.6 5.7 8.5#
122 15.4 7.4 11.0#

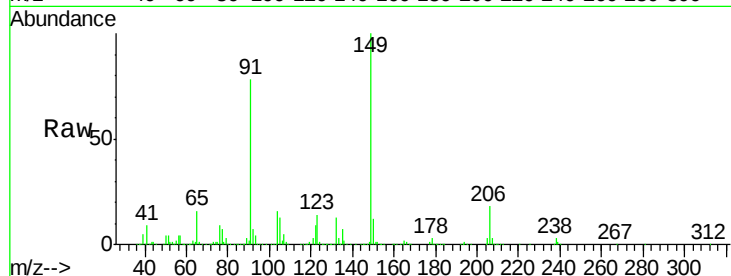




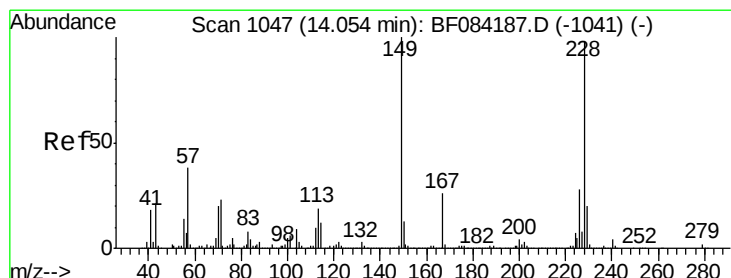
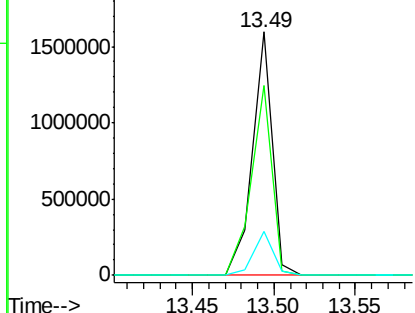
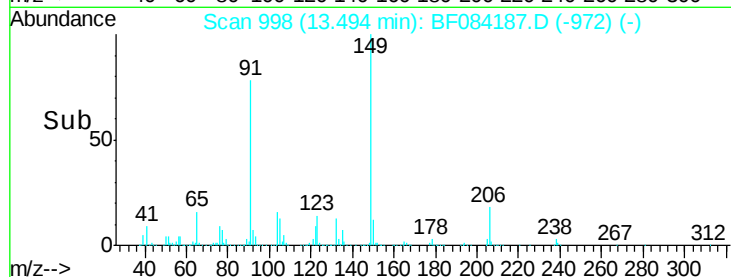
#79
 Butylbenzylphthalate
 Concen: 41.51 ng
 RT: 13.49 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:149 Resp: 1350601
 Ion Ratio Lower Upper
 149 100
 91 77.7 57.6 86.4
 206 18.2 13.2 19.8

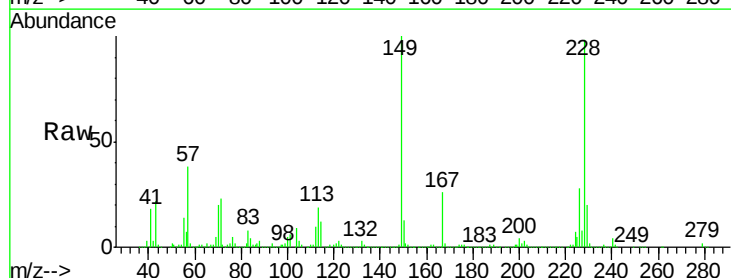


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

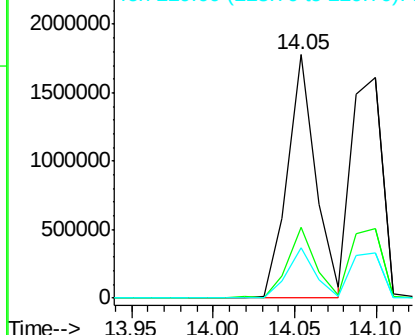
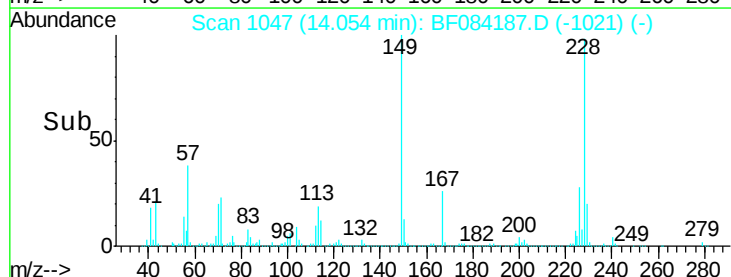


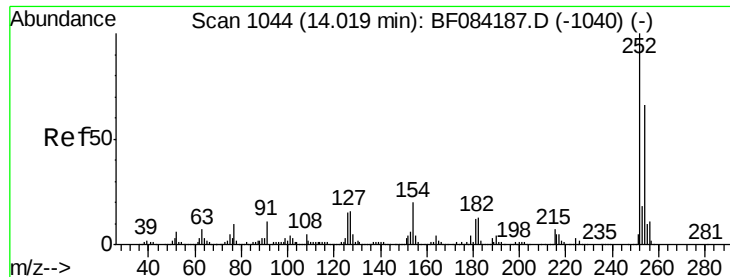
#80
 Benzo(a)anthracene
 Concen: 36.46 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:228 Resp: 2161060
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.8 32.6
 229 20.6 15.8 23.8



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

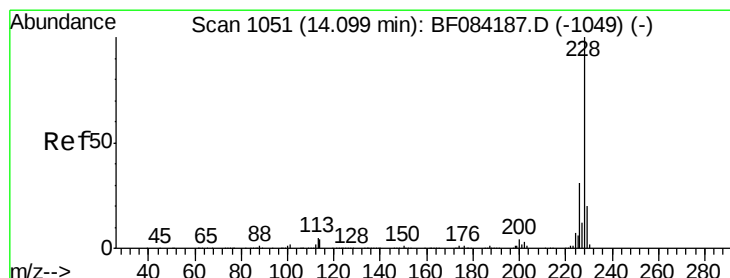
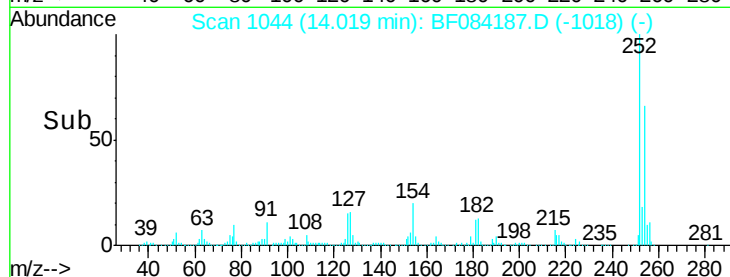
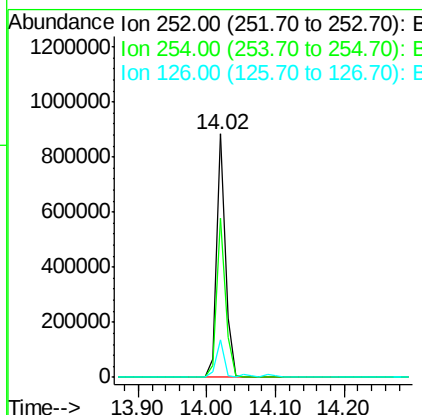
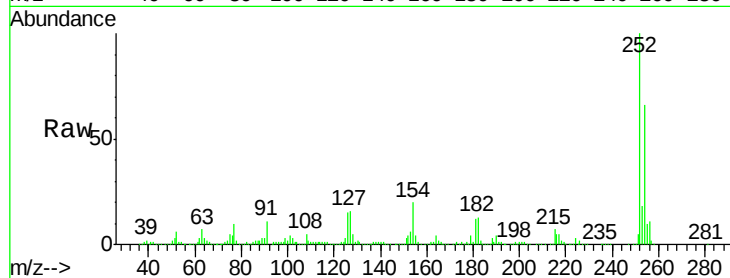




#81
 3,3'-Dichlorobenzidine
 Concen: 40.95 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

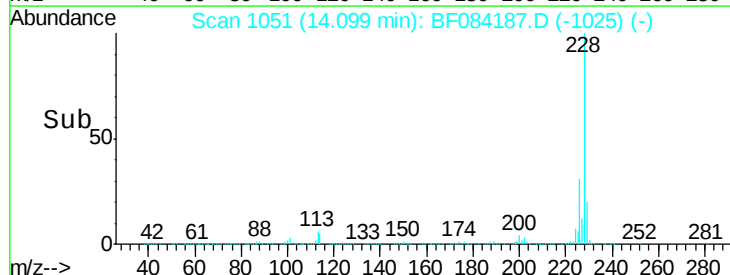
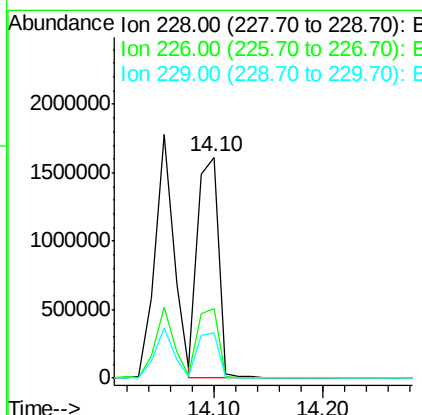
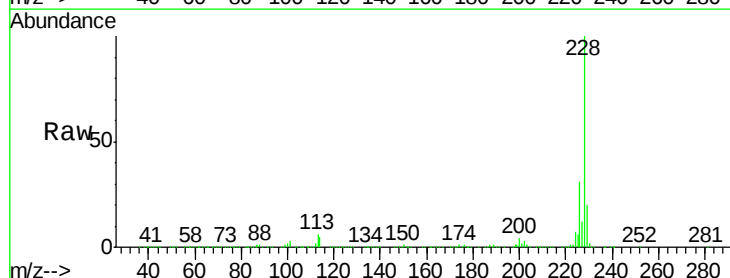
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:252 Resp: 809200
 Ion Ratio Lower Upper
 252 100
 254 65.5 53.5 80.3
 126 15.2 4.9 7.3#



#82
 Chrysene
 Concen: 40.19 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:228 Resp: 2165576
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.4 16.1 24.1

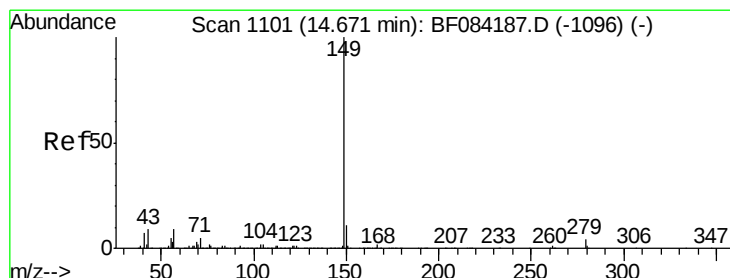
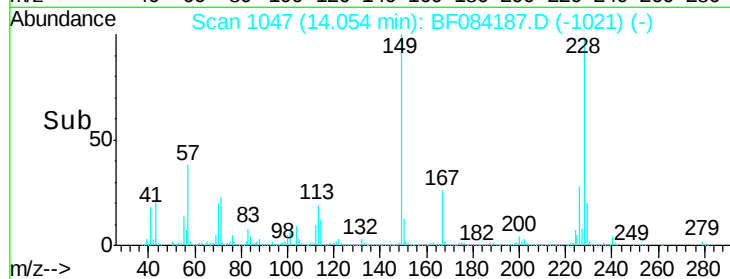
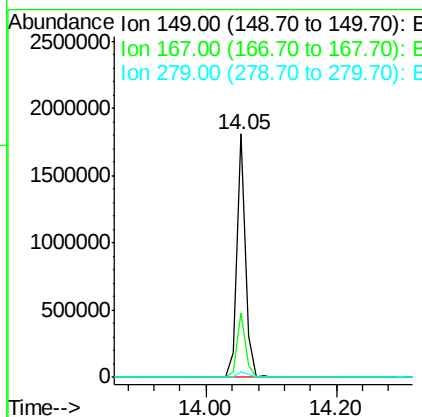
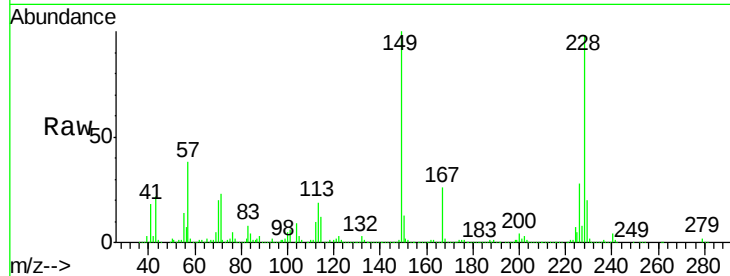




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.26 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

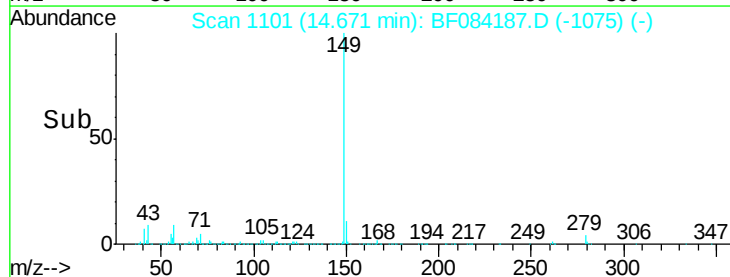
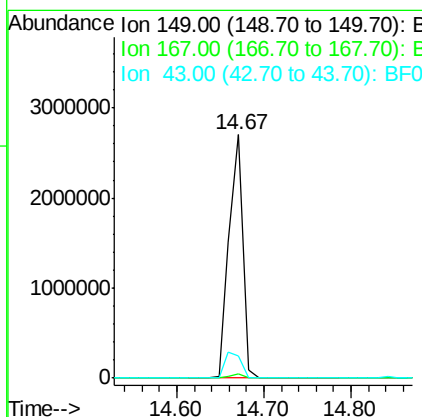
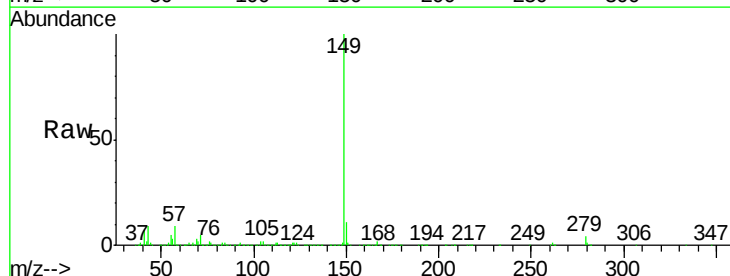
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

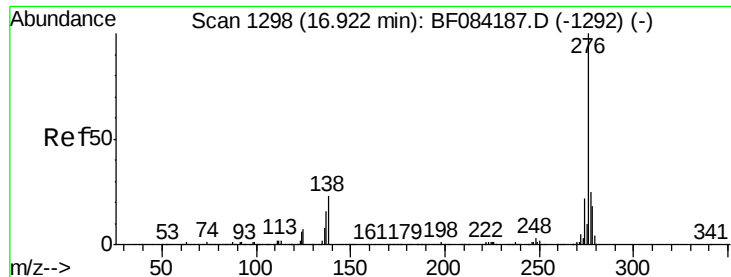
Tot Ion:149 Resp: 1601305
 Ion Ratio Lower Upper
 149 100
 167 26.3 19.7 29.5
 279 2.5 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 41.90 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:149 Resp: 2970761
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.9 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.32 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

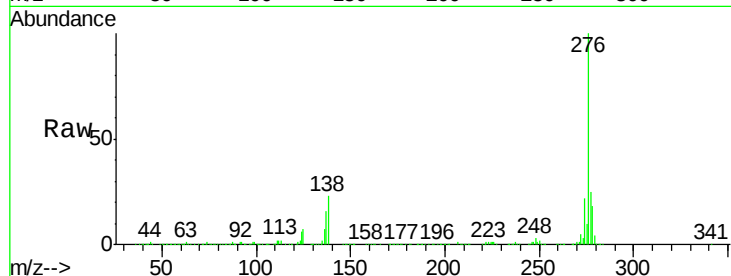
Tot Ion:276 Resp: 1707449

Ion Ratio Lower Upper

276 100

138 26.4 20.6 30.8

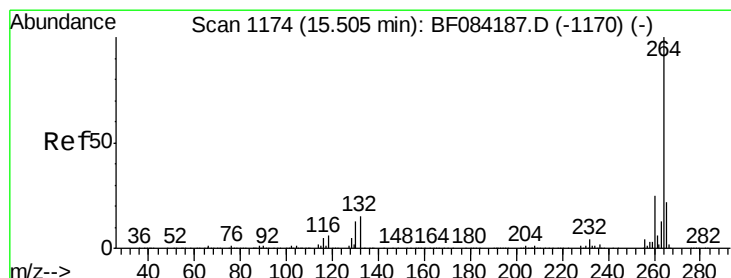
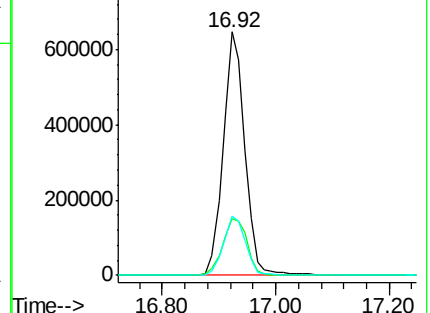
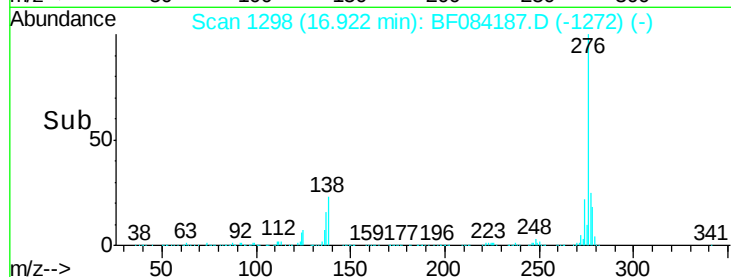
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

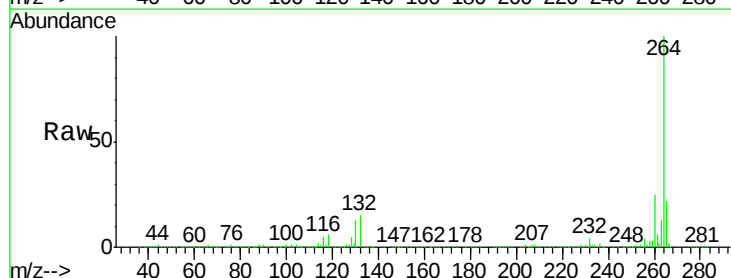
Tgt Ion:264 Resp: 768261

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

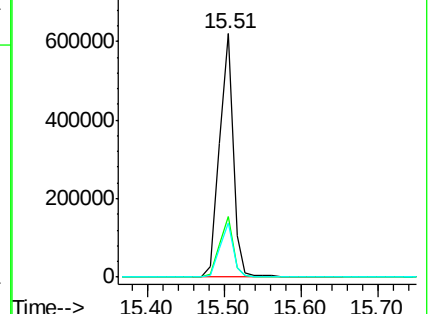
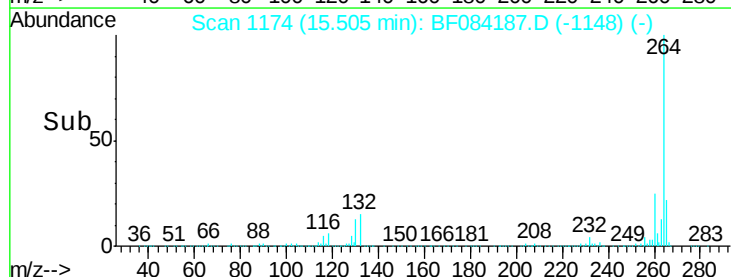
265 22.1 17.8 26.6

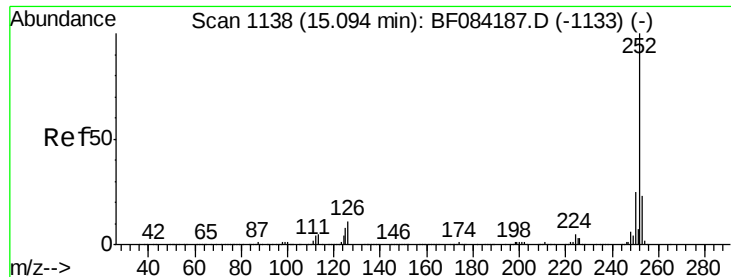


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

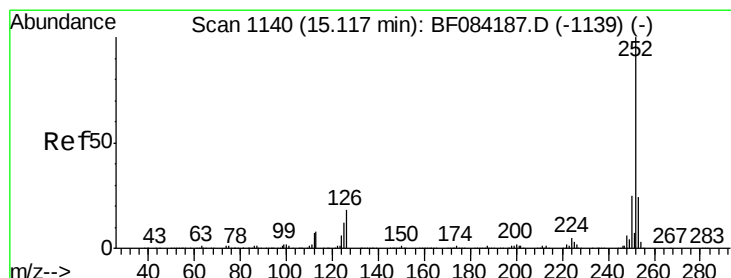
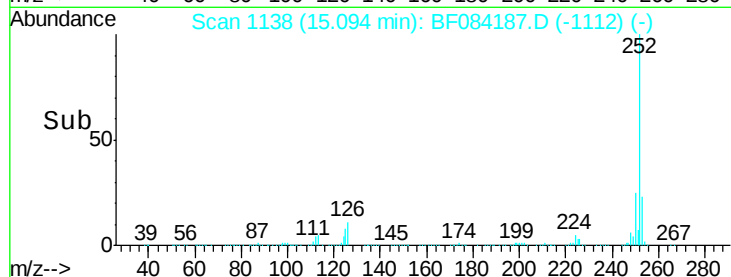
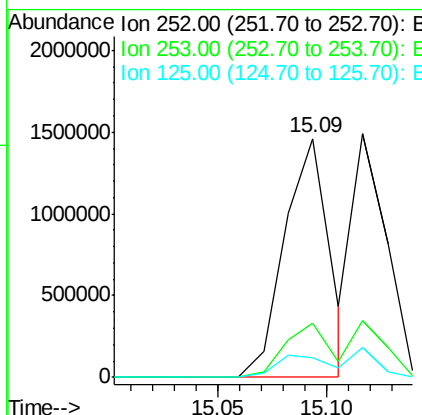
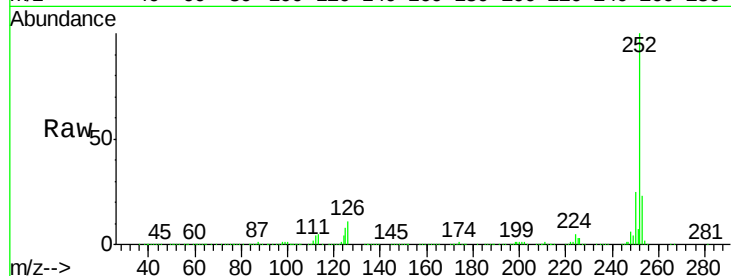




#87
Benzo(b)fluoranthene
Concen: 39.23 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

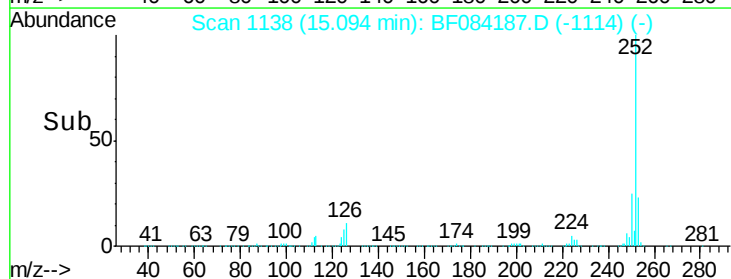
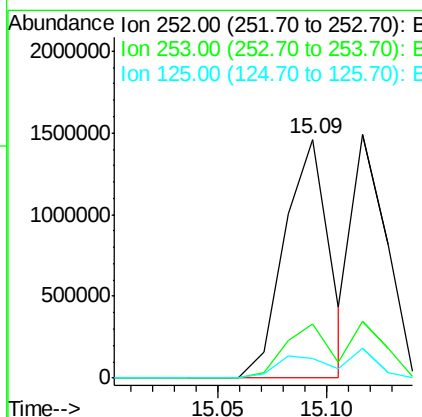
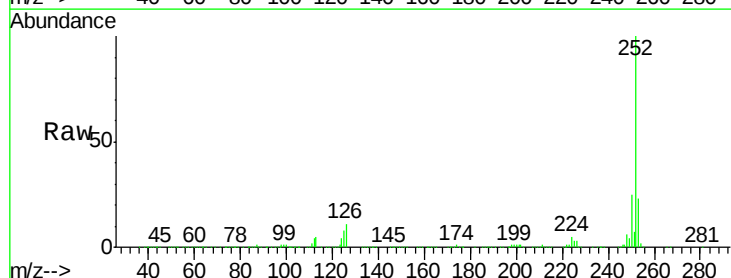
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

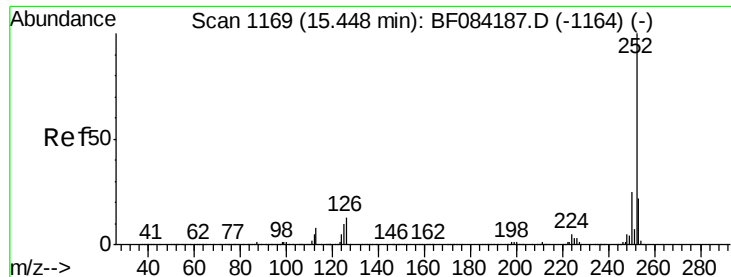
Tot Ion:252 Resp: 2101969
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 8.3 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 46.51 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:252 Resp: 2101969
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 8.3 9.0 13.6#

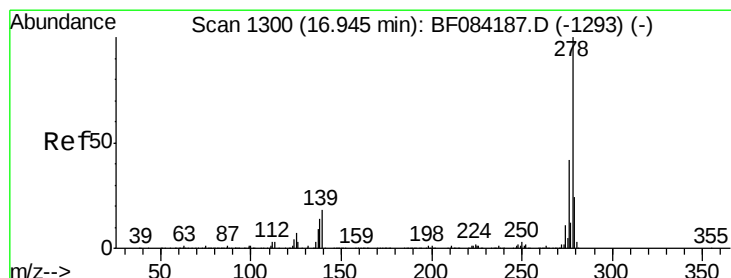
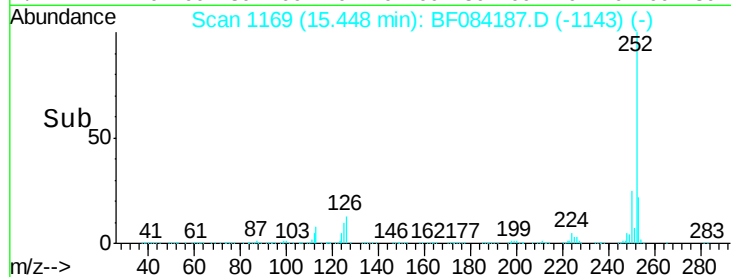
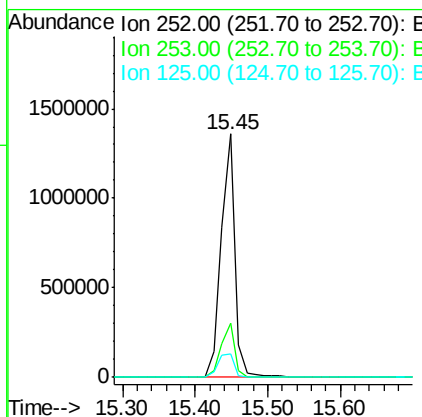
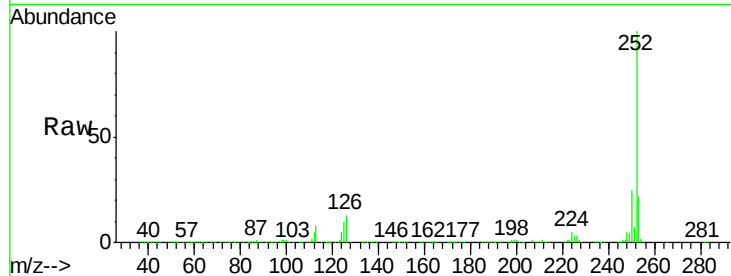




#89
Benzo(a)pyrene
Concen: 40.24 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

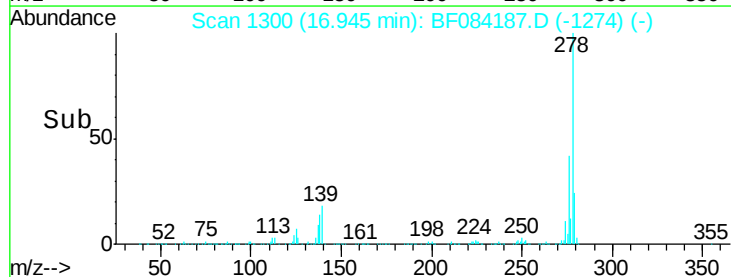
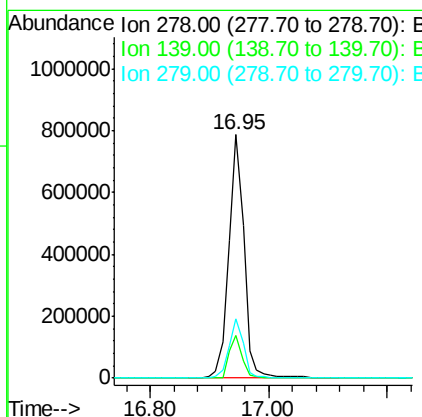
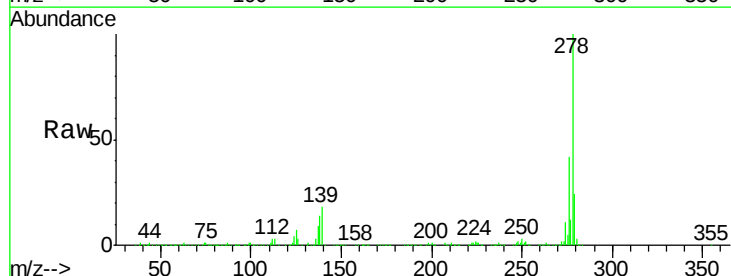
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

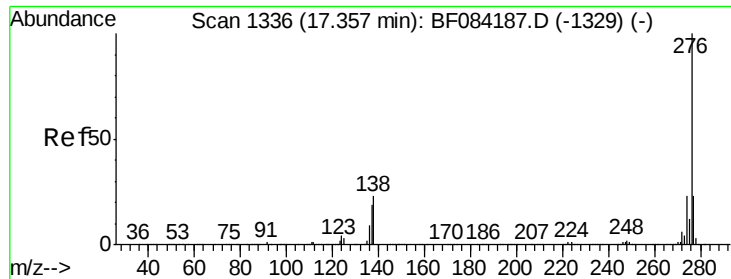
Tot Ion:252 Resp: 1776841
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.7 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 38.91 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:278 Resp: 1402322
Ion Ratio Lower Upper
278 100
139 17.6 15.0 22.4
279 24.2 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 38.87 ng

RT: 17.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

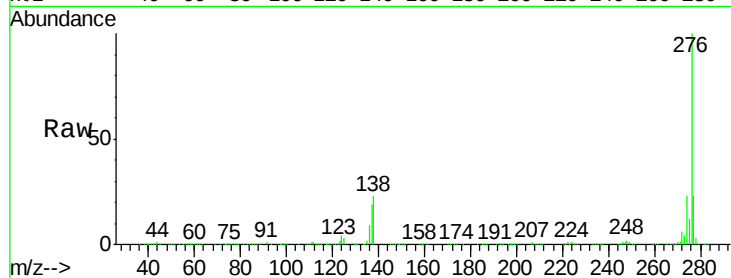
Tot Ion:276 Resp: 1418403

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 23.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

