

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084443.D
 Acq On : 13 Jan 2016 7:01
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 13 07:28:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	282912	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1200006	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	505824	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	885682	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	557046	20.00	ng	-0.06
86) Perylene-d12	15.43	264	544911	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1359217	77.71	ng	-0.04
7) Phenol-d6	6.49	99	1709771	77.83	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1541429	71.49	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	376869	73.80	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2174389	74.87	ng	-0.06
78) Terphenyl-d14	12.96	244	1937711	77.65	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	353783	42.70	ng	# 78
3) Pyridine	3.14	79	898359	38.89	ng	# 80
4) n-Nitrosodimethylamine	3.09	42	428327	36.12	ng	# 94
6) Aniline	6.51	93	1213581	37.76	ng	97
8) 2-Chlorophenol	6.64	128	799862	40.31	ng	92
9) Benzaldehyde	6.38	77	508657	35.56	ng	94
10) Phenol	6.51	94	915007	36.63	ng	# 59
11) bis(2-Chloroethyl)ether	6.58	93	776418	40.13	ng	# 81
12) 1,3-Dichlorobenzene	6.78	146	868227	42.41	ng	97
13) 1,4-Dichlorobenzene	6.78	146	868227	42.29	ng	95
14) 1,2-Dichlorobenzene	7.01	146	750908	38.20	ng	97
15) Benzyl Alcohol	6.99	79	601089	32.53	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1274363	36.17	ng	86
17) 2-Methylphenol	7.12	107	673114	40.47	ng	97
18) Hexachloroethane	7.36	117	323803	39.45	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	507729	34.14	ng	# 76
20) 3+4-Methylphenols	7.26	107	698221	35.72	ng	# 67
22) Acetophenone	7.25	105	1077644	37.35	ng	97
24) Nitrobenzene	7.44	77	883666	40.41	ng	# 88
25) Isophorone	7.68	82	1572279	38.13	ng	97
26) 2-Nitrophenol	7.74	139	392632	39.45	ng	# 81
27) 2,4-Dimethylphenol	7.79	122	687428	34.12	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	893610	35.48	ng	98
29) 2,4-Dichlorophenol	8.00	162	663389	39.53	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	696466	40.20	ng	# 94
31) Naphthalene	8.16	128	2227860	40.92	ng	99
32) Benzoic acid	7.92	122	324361	28.02	ng	97
33) 4-Chloroaniline	8.20	127	890184	35.66	ng	98
34) Hexachlorobutadiene	8.27	225	366789	36.83	ng	98
35) Caprolactam	8.58	113	204759	36.19	ng	# 47
36) 4-Chloro-3-methylphenol	8.69	107	681035	36.23	ng	95
37) 2-Methylnaphthalene	8.84	142	1334858	34.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	642348	44.17	ng	98
40) Hexachlorocyclopentadiene	9.00	237	332185	37.84	ng	99

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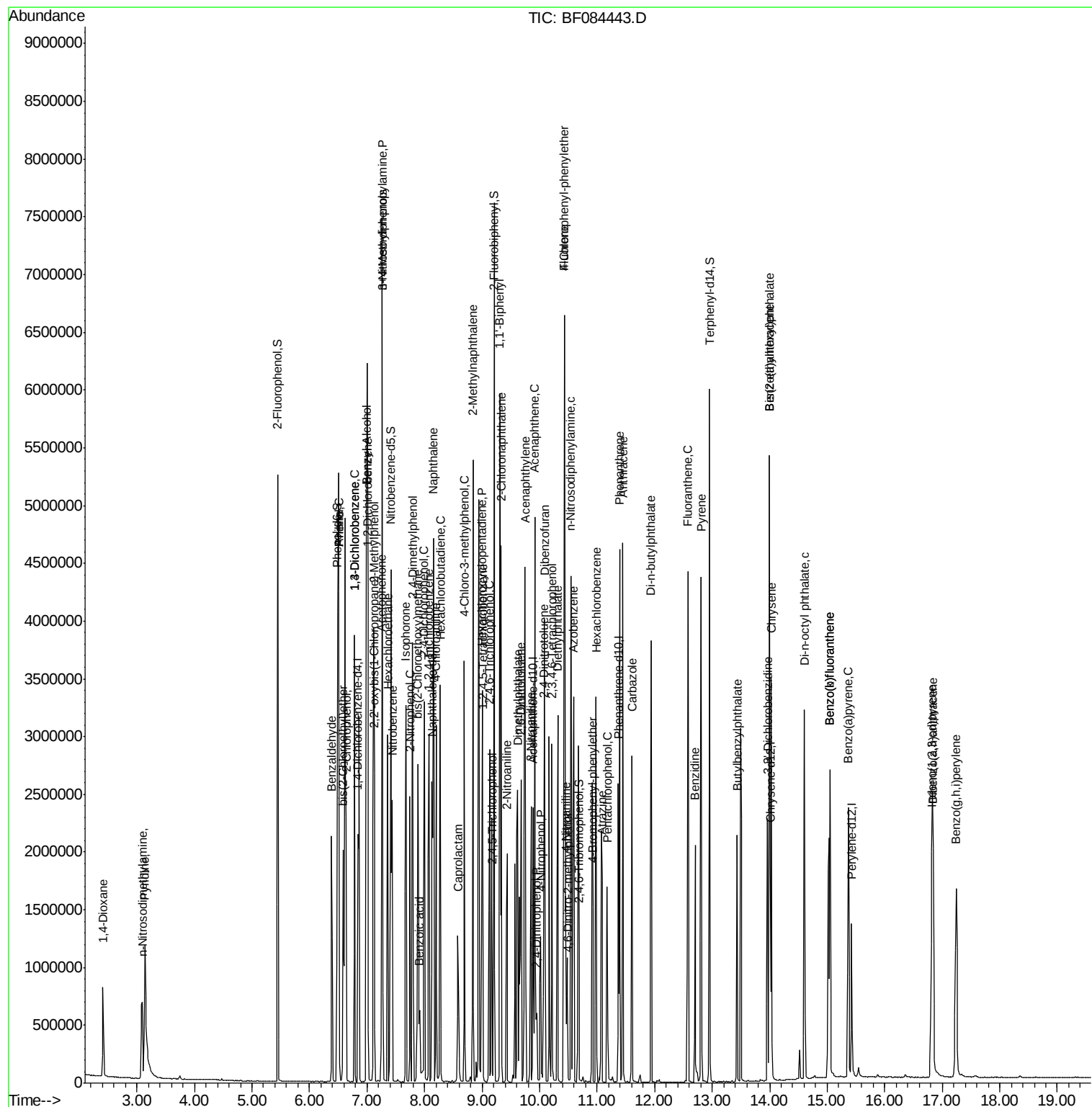
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	440331	40.47	ng	95
43) 2,4,5-Trichlorophenol	9.17	196	417937	40.07	ng	93
45) 1,1'-Biphenyl	9.31	154	1766284	43.94	ng	99
46) 2-Chloronaphthalene	9.33	162	1279938	40.53	ng	93
47) 2-Nitroaniline	9.44	65	444175	42.62	ng	# 65
48) Acenaphthylene	9.74	152	1817430	38.96	ng	96
49) Dimethylphthalate	9.62	163	1512484	41.83	ng	# 91
50) 2,6-Dinitrotoluene	9.68	165	347658	43.83	ng	# 80
51) Acenaphthene	9.92	154	1189417	38.01	ng	98
52) 3-Nitroaniline	9.85	138	435377	44.30	ng	# 80
53) 2,4-Dinitrophenol	9.95	184	119590	37.38	ng	# 80
54) Dibenzofuran	10.09	168	1589160	38.80	ng	92
55) 4-Nitrophenol	10.02	139	271056	38.00	ng	87
56) 2,4-Dinitrotoluene	10.08	165	432848	43.12	ng	98
57) Fluorene	10.43	166	1135227	35.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	354969	39.86	ng	90
59) Diethylphthalate	10.32	149	1443601	40.49	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	631672	48.36	ng	# 88
61) 4-Nitroaniline	10.45	138	325649	37.17	ng	89
62) Azobenzene	10.59	77	1620725	41.45	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	196368	36.35	ng	72
65) n-Nitrosodiphenylamine	10.54	169	1075096	37.97	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	402223	42.19	ng	# 93
67) Hexachlorobenzene	10.98	284	404522	37.70	ng	# 89
68) Atrazine	11.08	200	379769	40.98	ng	92
69) Pentachlorophenol	11.17	266	180799	32.50	ng	97
70) Phenanthrene	11.39	178	1745717	37.68	ng	96
71) Anthracene	11.45	178	1941143	42.74	ng	97
72) Carbazole	11.61	167	1684438	37.94	ng	97
73) Di-n-butylphthalate	11.94	149	2077054	43.69	ng	# 97
74) Fluoranthene	12.58	202	1646155	34.01	ng	98
76) Benzidine	12.71	184	732138	36.66	ng	99
77) Pyrene	12.81	202	1705328	39.01	ng	98
79) Butylbenzylphthalate	13.44	149	710359	37.55	ng	# 84
80) Benzo(a)anthracene	14.00	228	1185410	36.24	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	478577	41.92	ng	# 97
82) Chrysene	14.03	228	1176087	37.42	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	848618	35.51	ng	# 95
84) Di-n-octyl phthalate	14.60	149	1392233	34.51	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.82	276	1507481	60.51	ng	97
87) Benzo(b)fluoranthene	15.05	252	2315184	64.95	ng	# 95
88) Benzo(k)fluoranthene	15.05	252	2316462	79.46	ng	99
89) Benzo(a)pyrene	15.37	252	1165541	38.55	ng	# 95
90) Dibenzo(a,h)anthracene	16.84	278	1253520	48.18	ng	97
91) Benzo(g,h,i)perylene	17.24	276	1326754	49.24	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

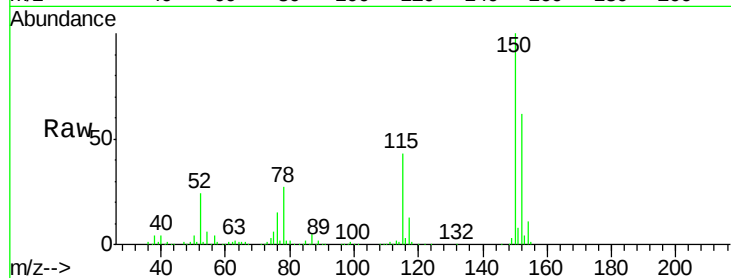
Tgt Ion:152 Resp: 282912

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

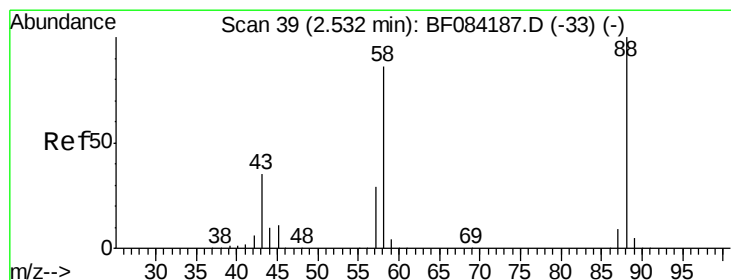
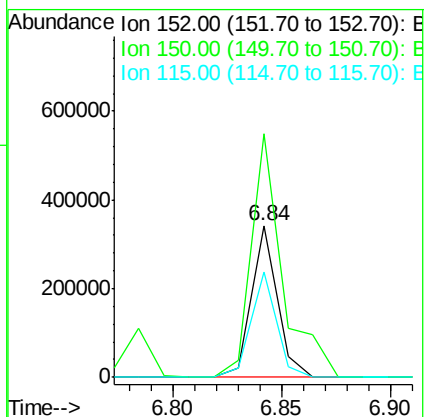
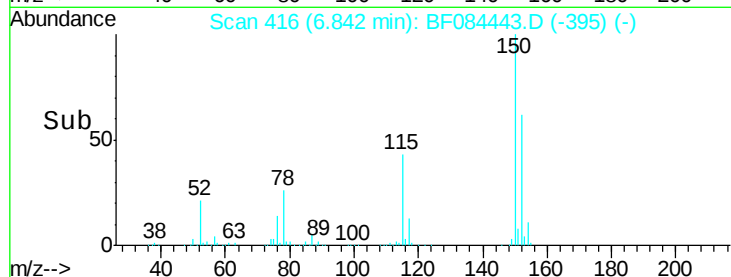
115 69.5 51.4 77.2



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



#2

1,4-Dioxane

Concen: 42.70 ng

RT: 2.41 min Scan# 28

Delta R.T. -0.13 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

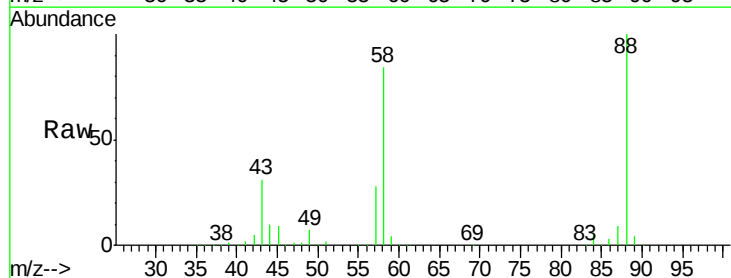
Tgt Ion: 88 Resp: 353783

Ion Ratio Lower Upper

88 100

58 84.6 51.2 76.8#

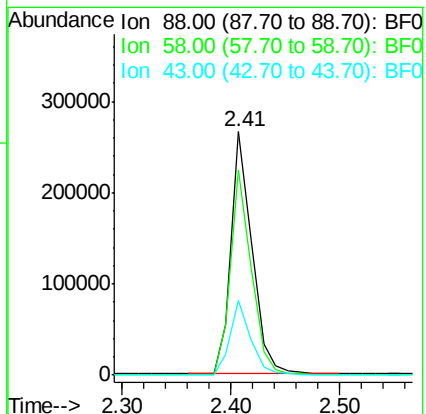
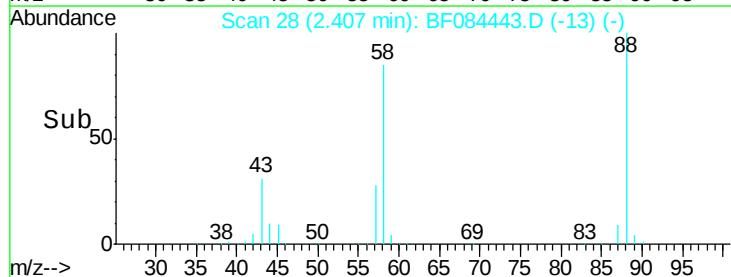
43 30.3 19.5 29.3#

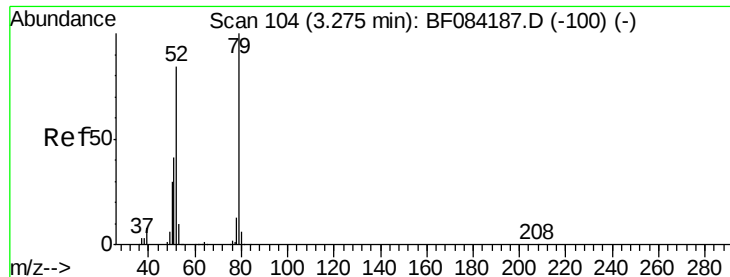


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.89 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.14 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

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SSTDCCC040EC

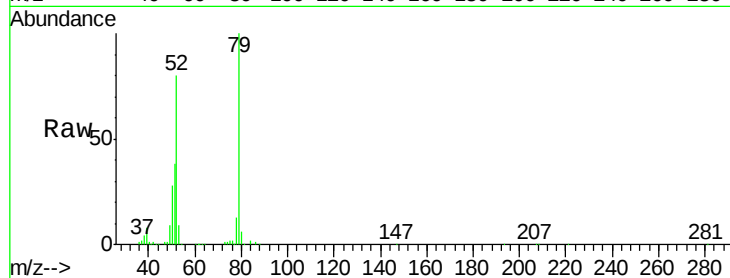
Tgt Ion: 79 Resp: 898359

Ion Ratio Lower Upper

79 100

52 79.5 49.0 73.4#

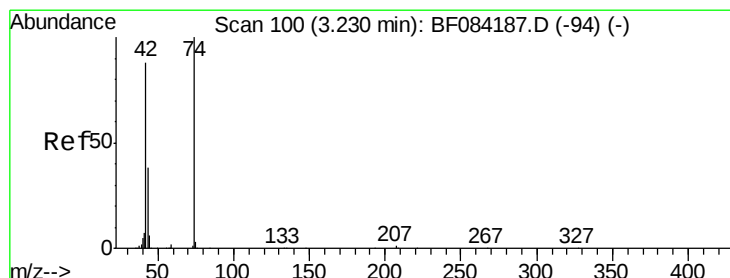
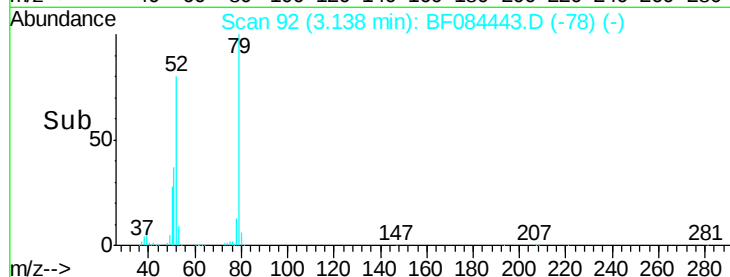
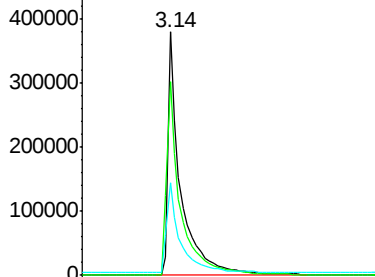
51 38.2 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.12 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.14 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

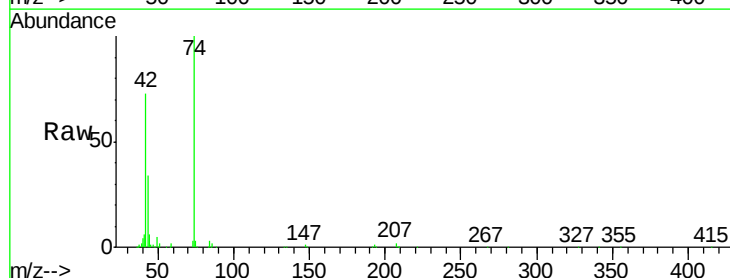
Tgt Ion: 42 Resp: 428327

Ion Ratio Lower Upper

42 100

74 136.7 115.7 173.5

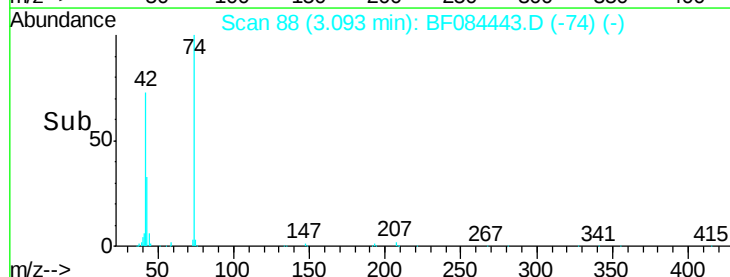
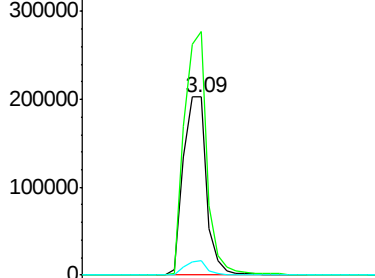
44 8.1 5.1 7.7#

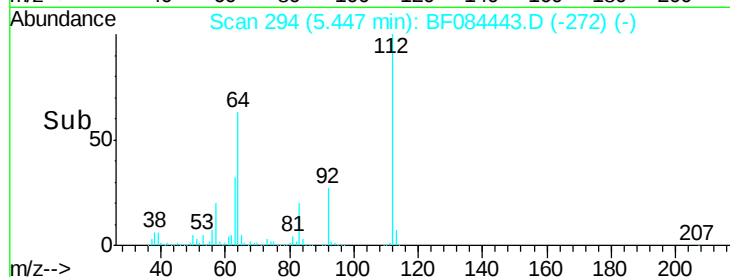
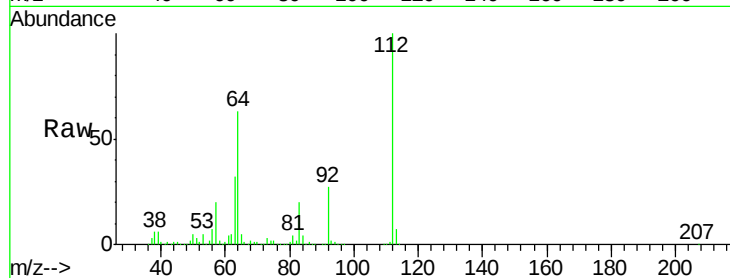
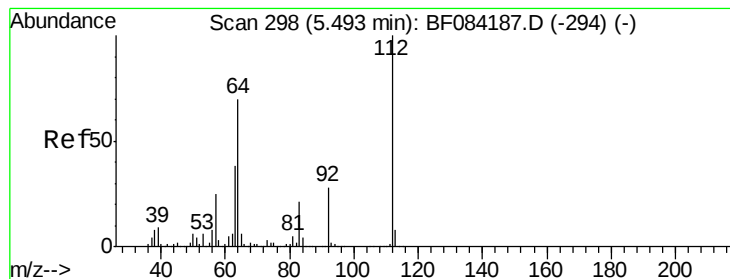


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.71 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

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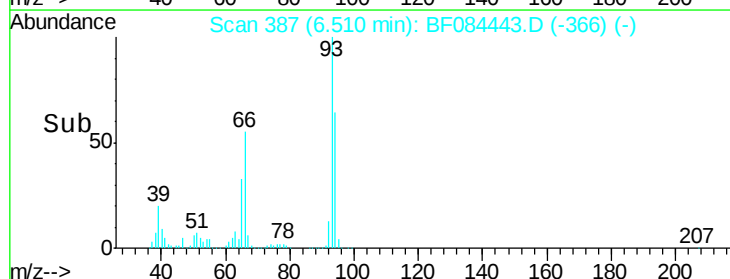
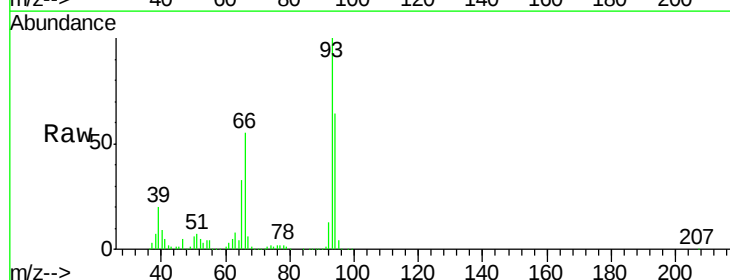
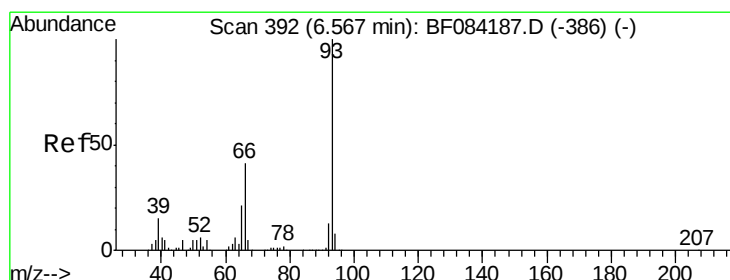
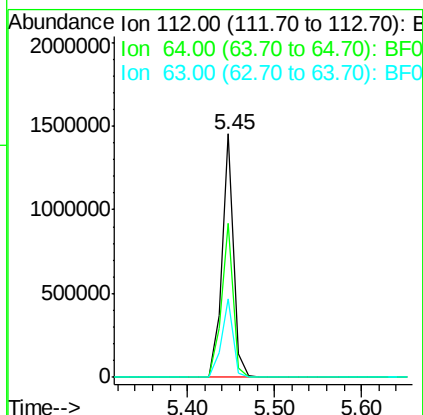
Tgt Ion:112 Resp: 1359217

Ion Ratio Lower Upper

112 100

64 63.4 36.6 55.0#

63 32.5 19.4 29.0#



#6

Aniline

Concen: 37.76 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

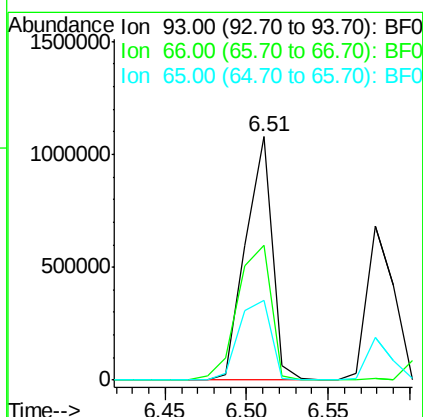
Tgt Ion: 93 Resp: 1213581

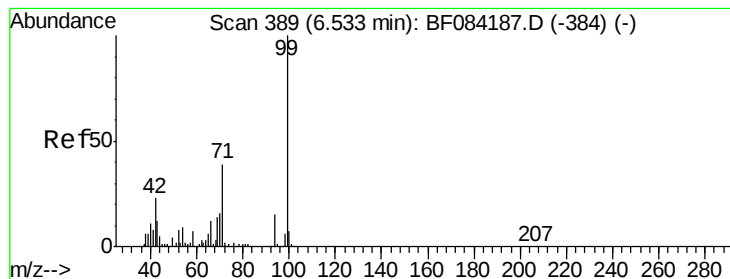
Ion Ratio Lower Upper

93 100

66 55.1 44.9 67.3

65 32.8 23.7 35.5





#7

Phenol-d6

Concen: 77.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

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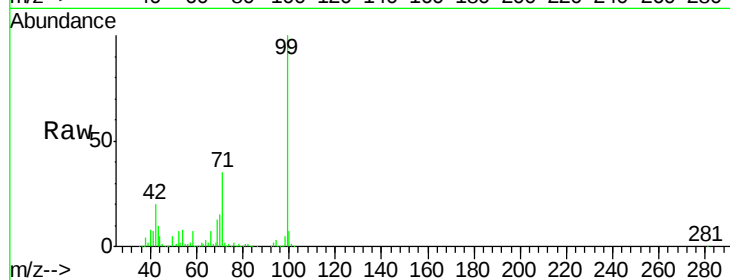
Tgt Ion: 99 Resp: 1709771

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

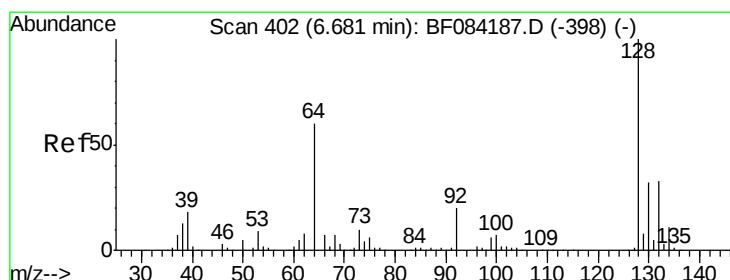
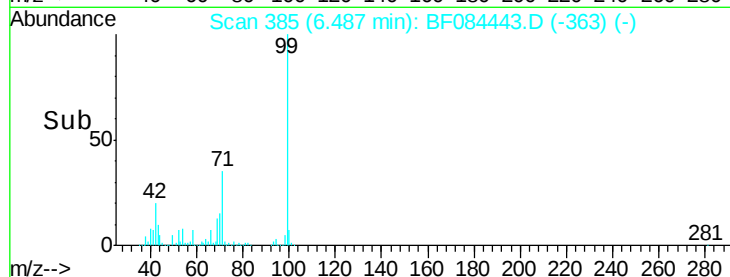
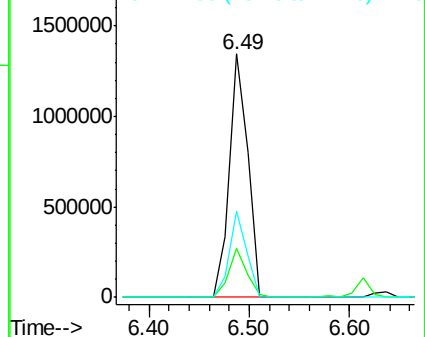
71 35.5 30.9 46.3



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: 40.31 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

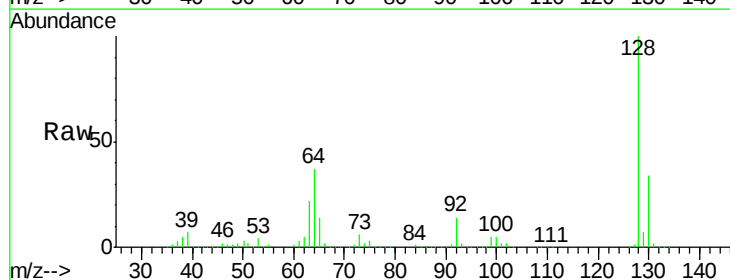
Tgt Ion: 128 Resp: 799862

Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

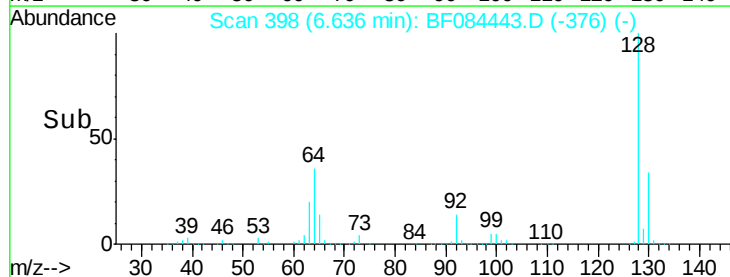
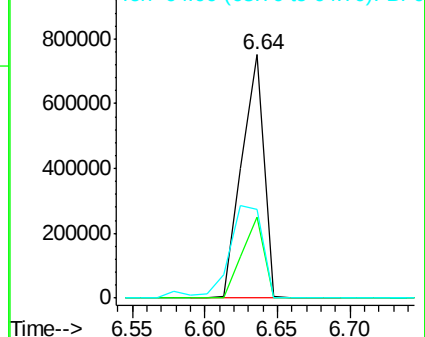
64 36.6 23.8 63.8

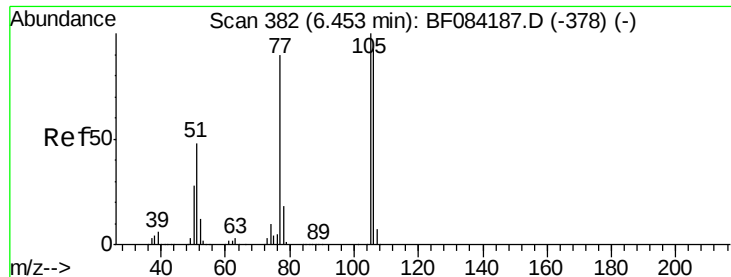


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.56 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

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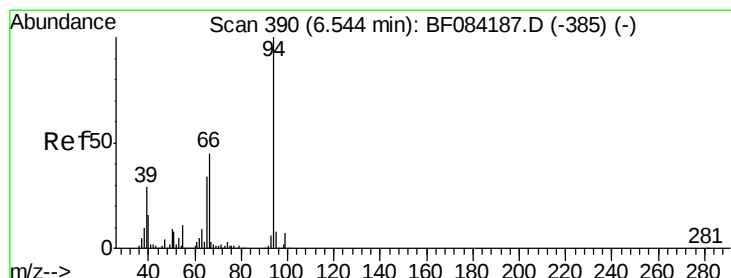
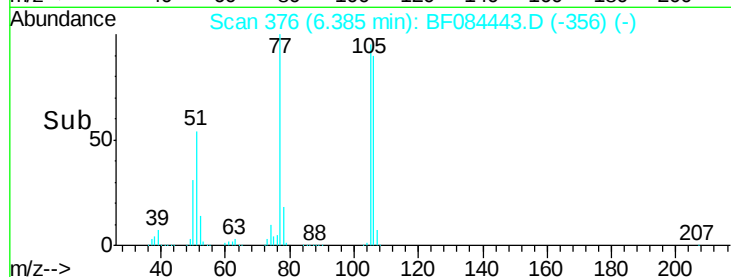
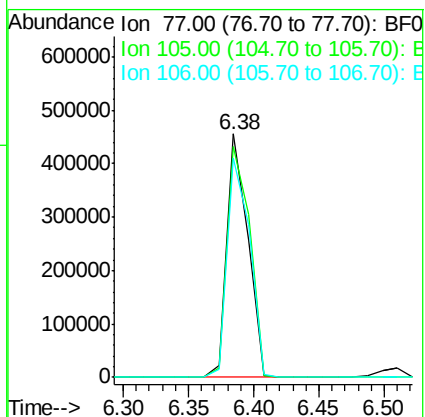
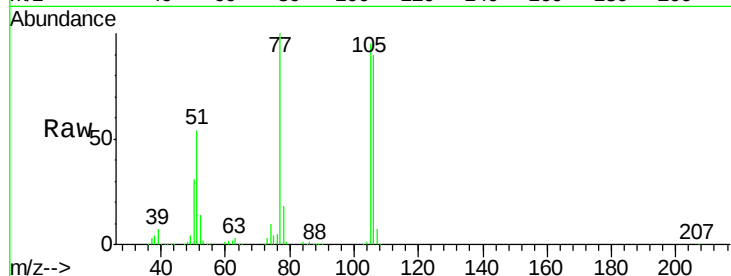
Tgt Ion: 77 Resp: 508657

Ion Ratio Lower Upper

77 100

105 94.8 83.0 123.0

106 90.2 74.6 114.6



#10

Phenol

Concen: 36.63 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

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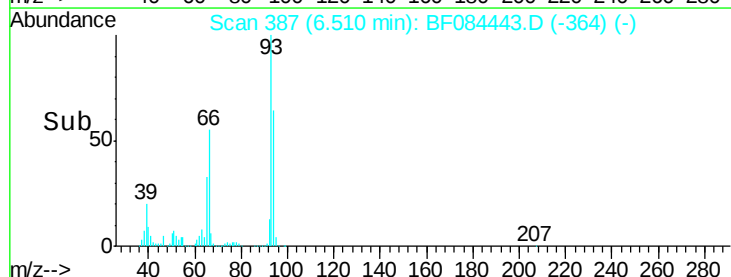
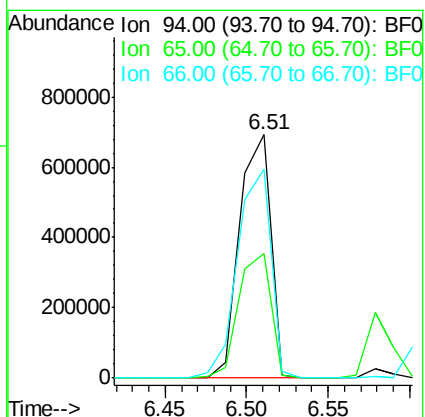
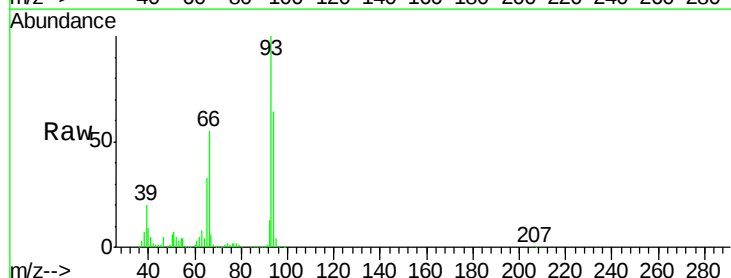
Tgt Ion: 94 Resp: 915007

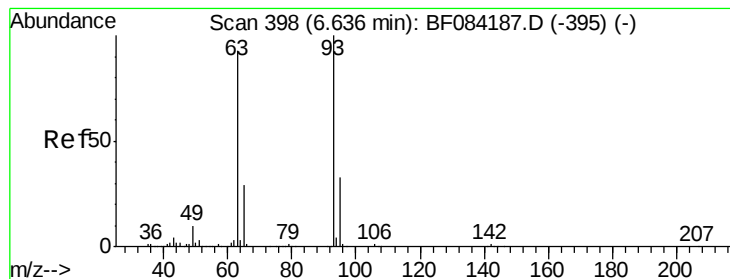
Ion Ratio Lower Upper

94 100

65 51.1 12.9 52.9

66 85.9 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 40.13 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

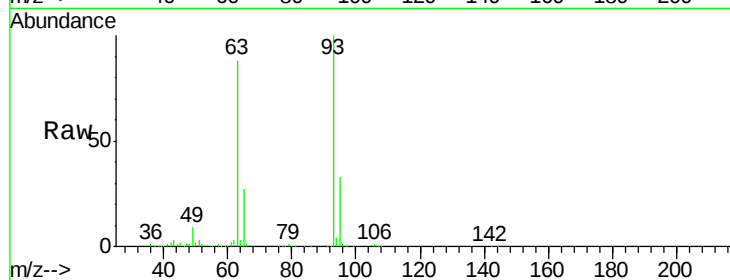
Tgt Ion: 93 Resp: 776418

Ion Ratio Lower Upper

93 100

63 88.3 45.9 85.9#

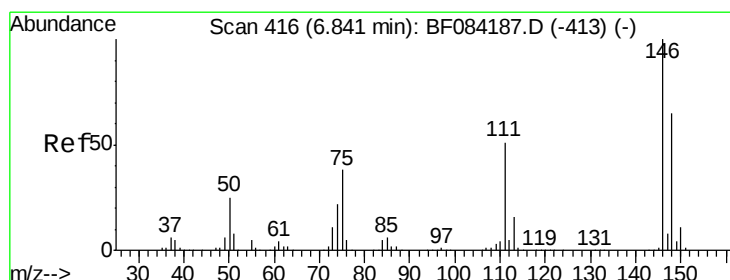
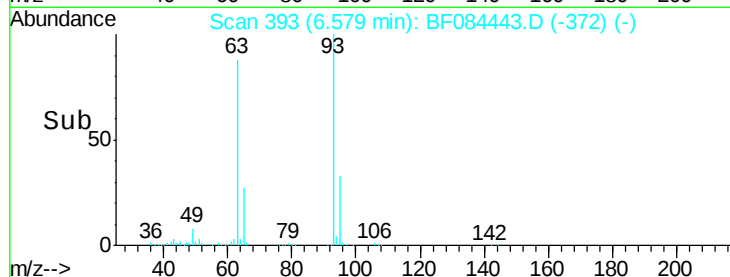
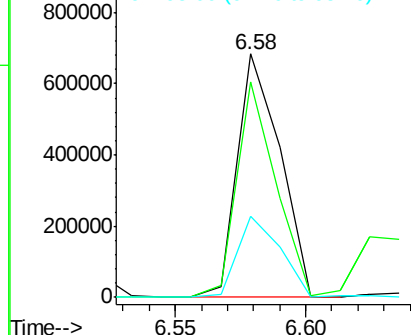
95 33.3 12.3 52.3



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: 42.41 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

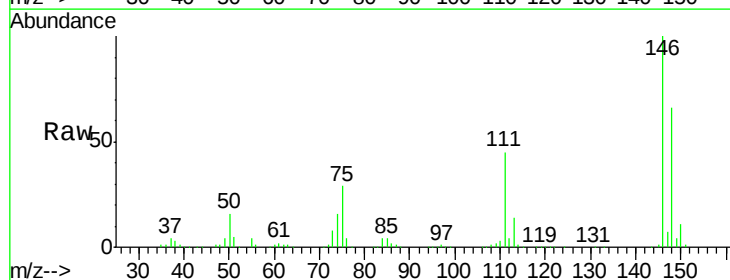
Tgt Ion: 146 Resp: 868227

Ion Ratio Lower Upper

146 100

148 66.1 51.9 77.9

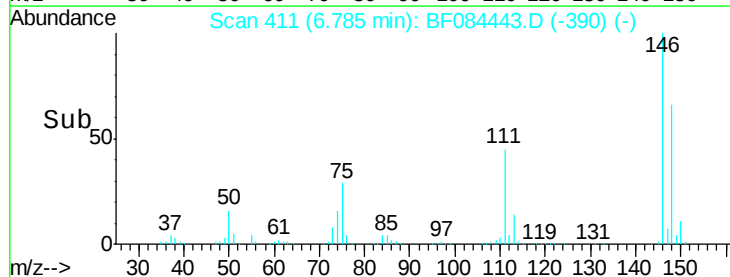
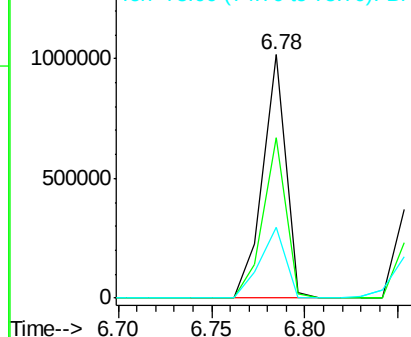
75 29.3 20.5 30.7

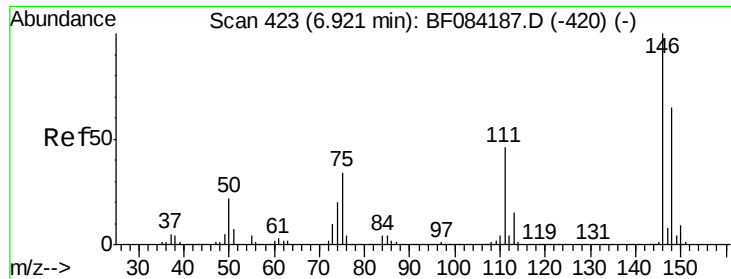


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

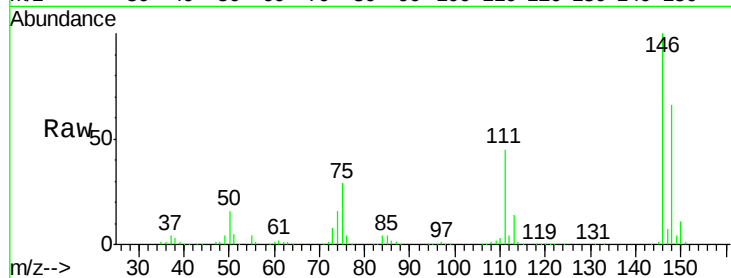




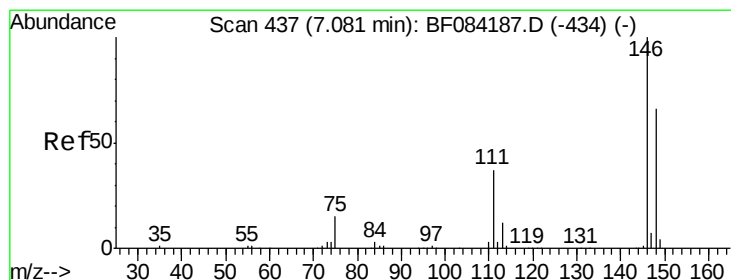
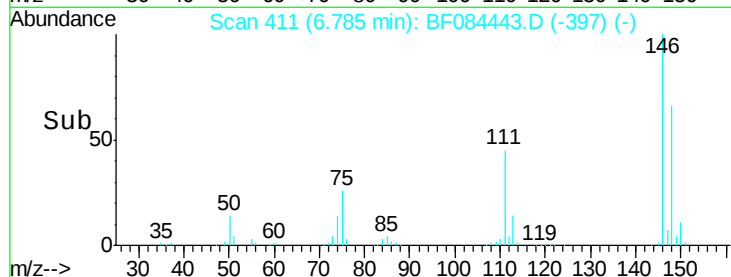
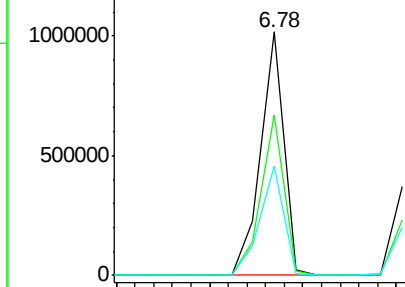
#13
 1,4-Dichlorobenzene
 Concen: 42.29 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.14 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 868227
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 44.8 41.6 62.4

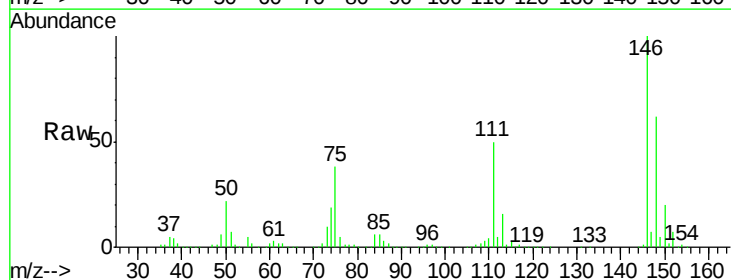


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

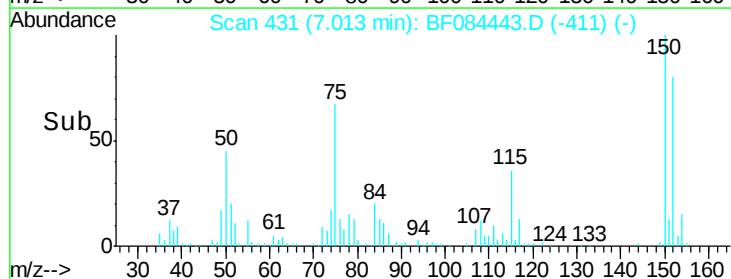
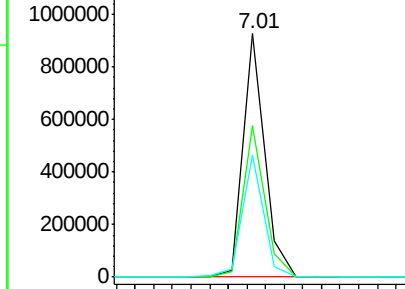


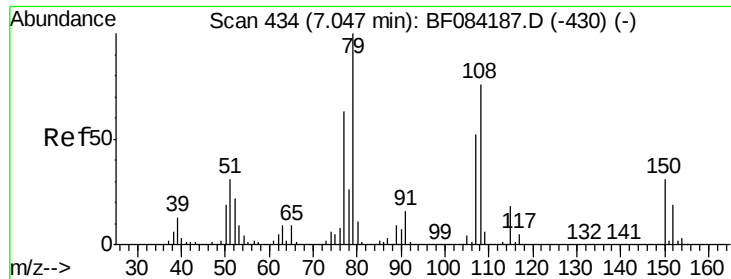
#14
 1,2-Dichlorobenzene
 Concen: 38.20 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.07 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion:146 Resp: 750908
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.6 77.4
 111 50.0 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: 32.53 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

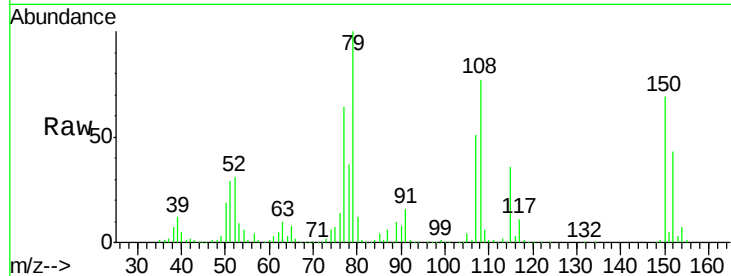
Tgt Ion: 79 Resp: 601089

Ion Ratio Lower Upper

79 100

108 76.7 69.0 103.4

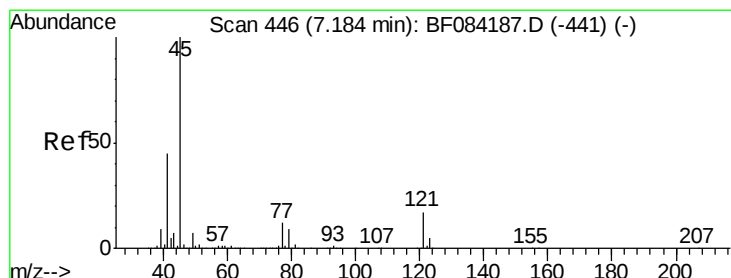
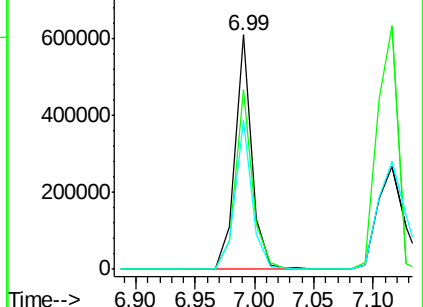
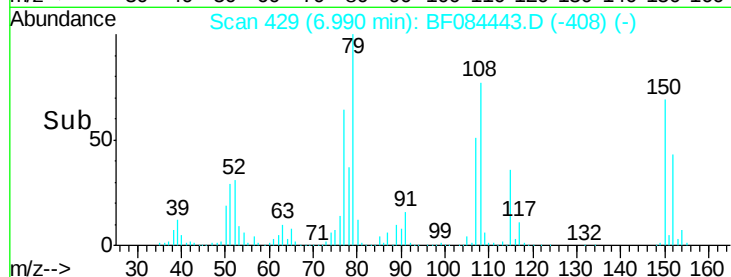
77 63.8 50.0 75.0



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: 36.17 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

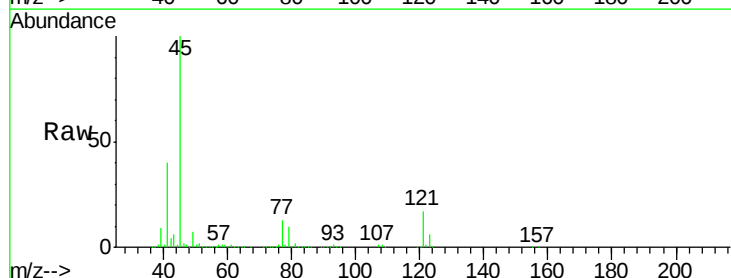
Tgt Ion: 45 Resp: 1274363

Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

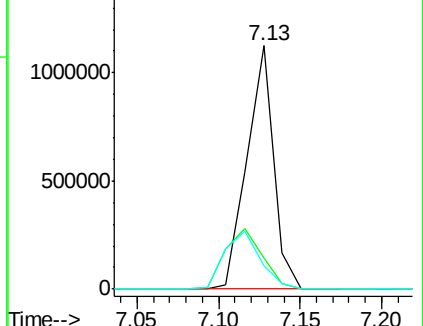
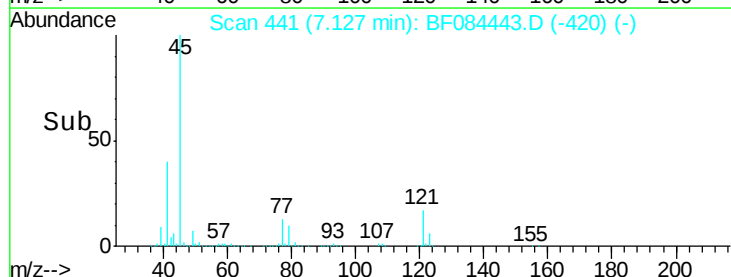
79 9.9 0.0 35.0

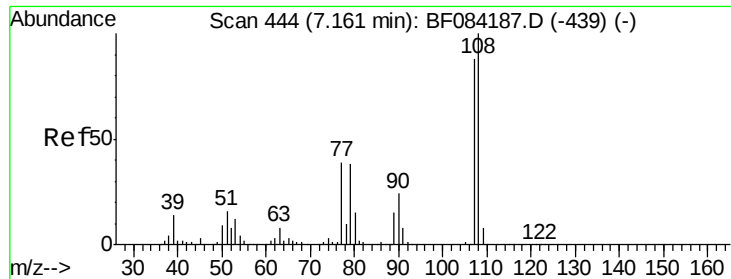


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

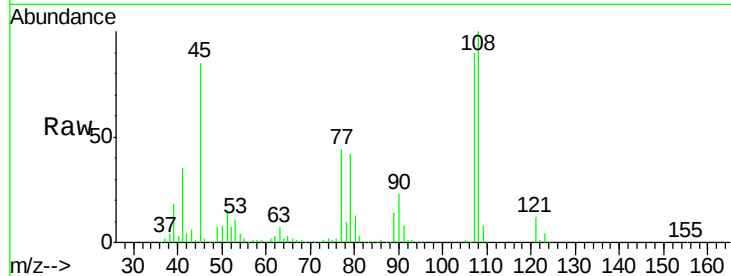




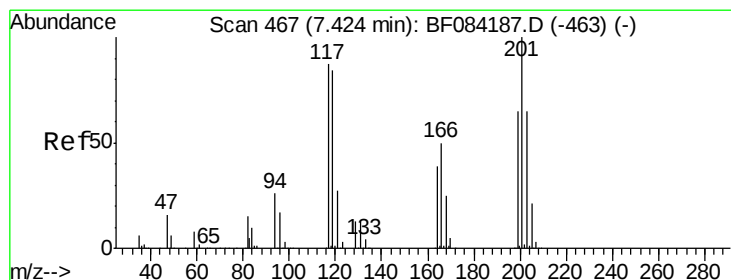
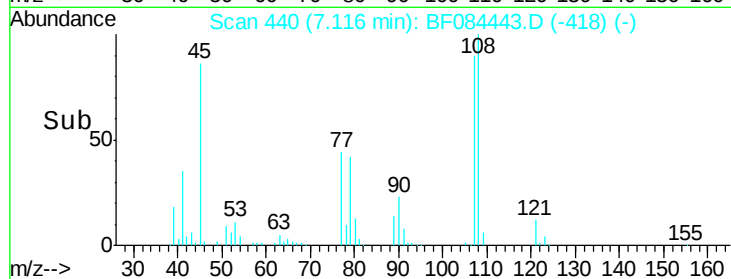
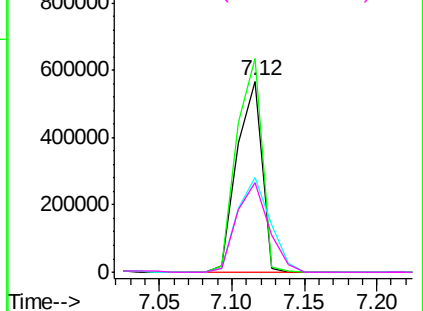
#17
2-Methylphenol
Concen: 40.47 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 673114
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.6
77 49.4 35.7 53.5
79 47.1 35.7 53.5

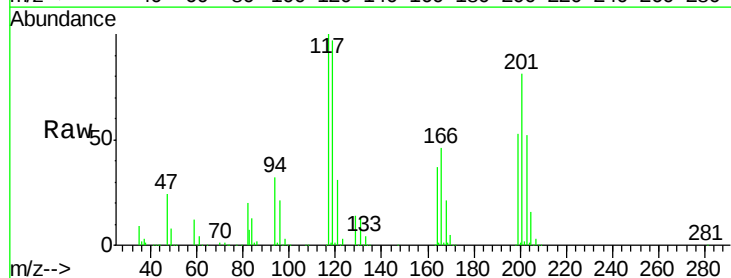


Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
800000
Ion 77.00 (76.70 to 77.70): BF0
600000
Ion 79.00 (78.70 to 79.70): BF0
400000
200000
0

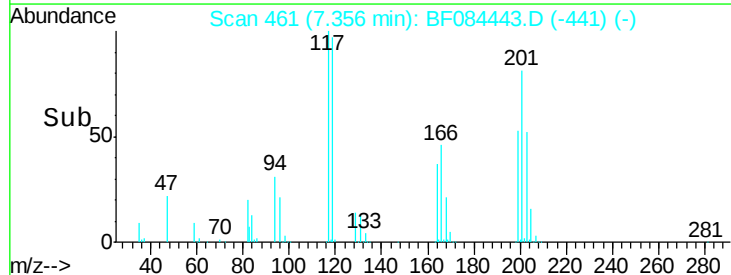
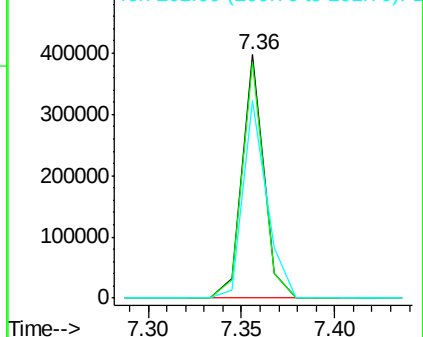


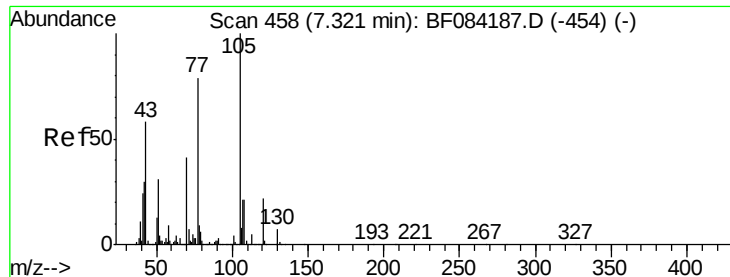
#18
Hexachloroethane
Concen: 39.45 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion:117 Resp: 323803
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
201 80.9 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
500000
Ion 119.00 (118.70 to 119.70): E
400000
Ion 201.00 (200.70 to 201.70): E
300000
200000
100000
0

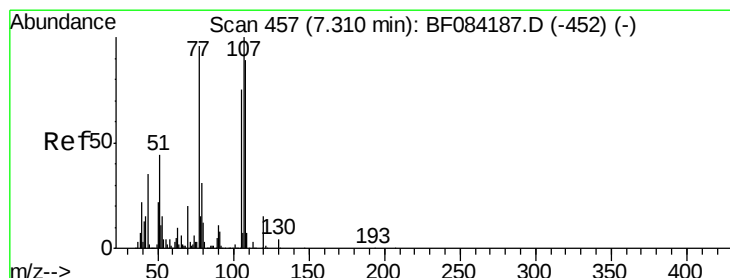
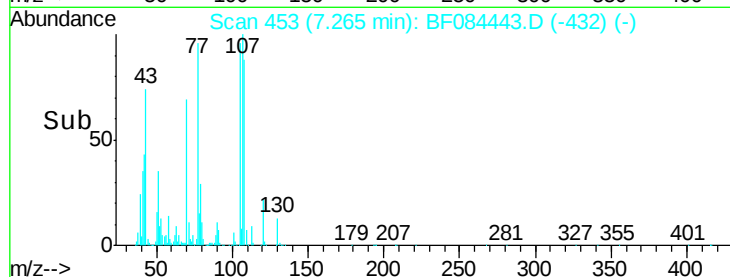
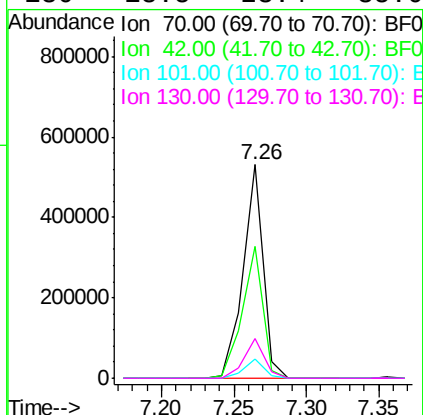
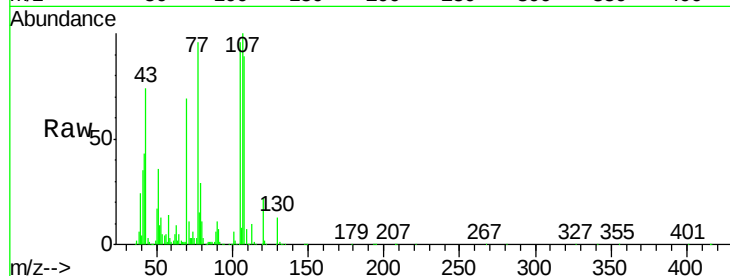




#19
n-Nitroso-di-n-propylamine
Concen: 34.14 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

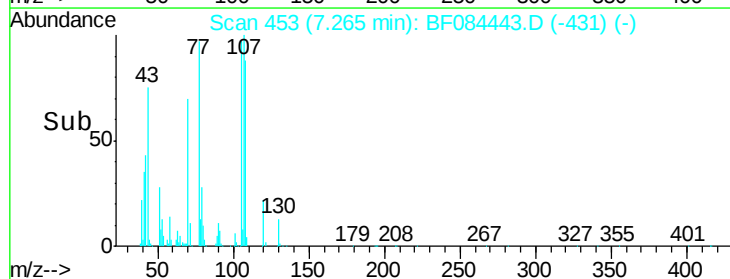
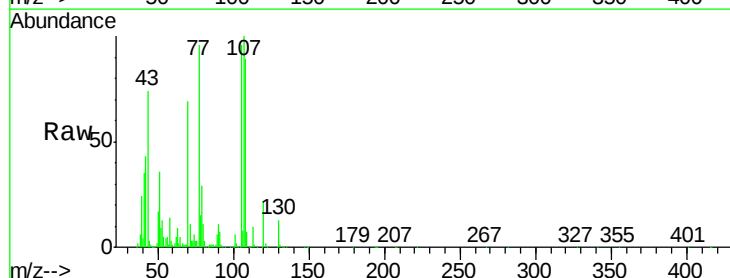
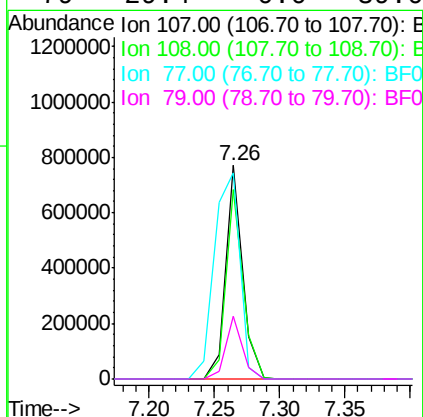
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.9	33.3	49.9#
101	8.9	9.3	13.9#
130	18.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 35.72 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	74.6	114.6
77	96.3	0.7	40.7#
79	29.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 1200006

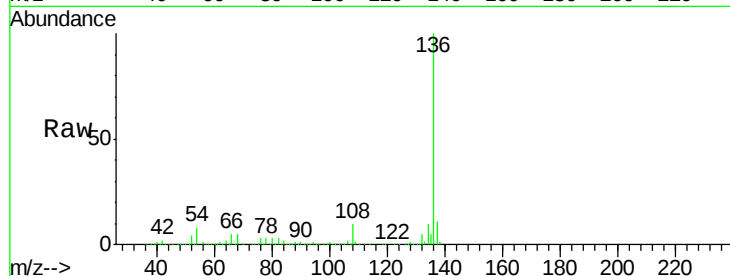
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.8 5.8 8.8

68 5.4 4.2 6.2

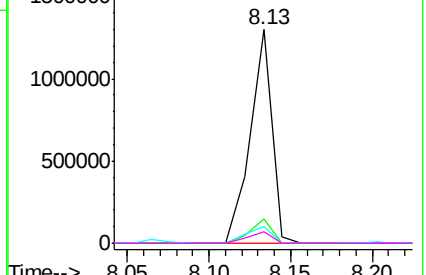
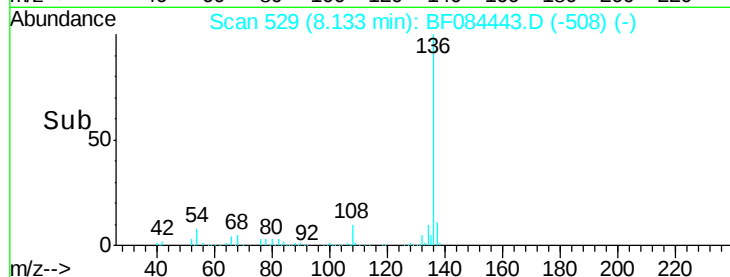


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.35 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Tgt Ion:105 Resp: 1077644

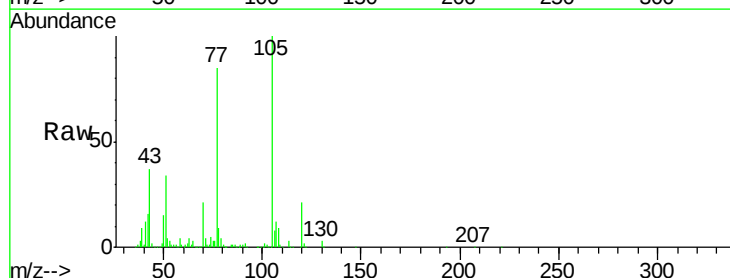
Ion Ratio Lower Upper

105 100

71 3.8 3.7 5.5

51 34.2 25.1 37.7

120 21.1 16.6 25.0

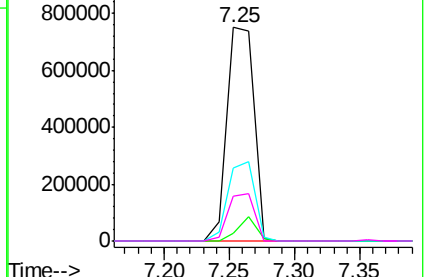
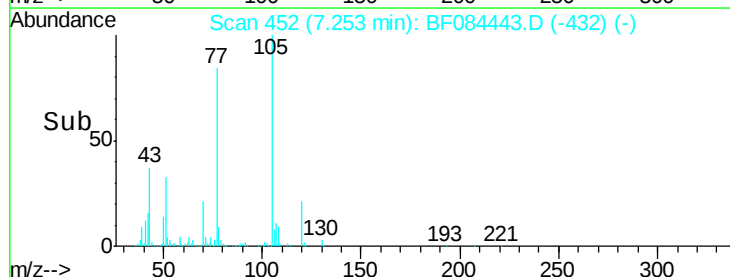


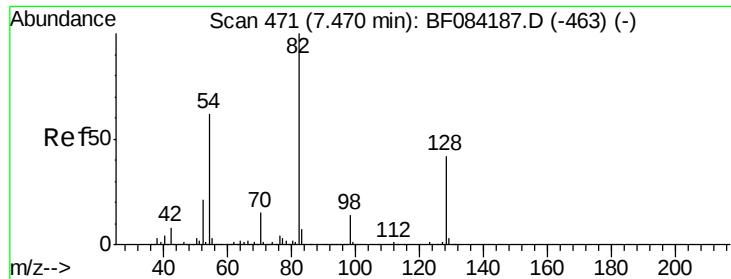
Abundance Ion 105.00 (104.70 to 105.70): E

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

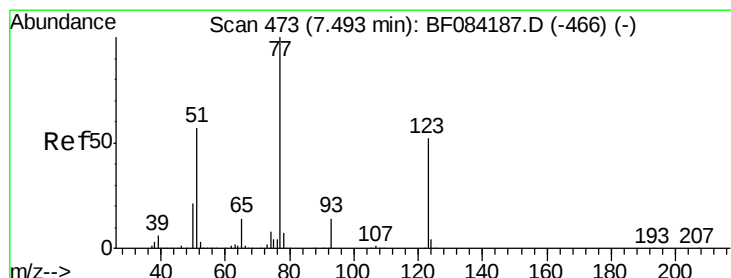
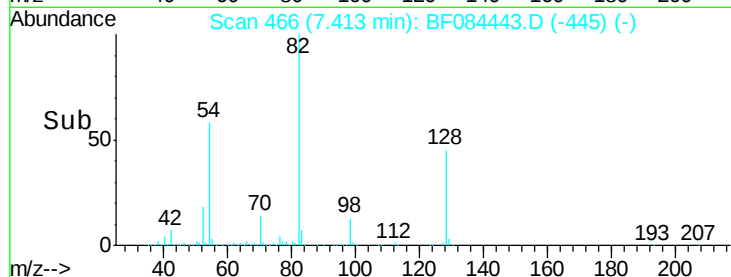
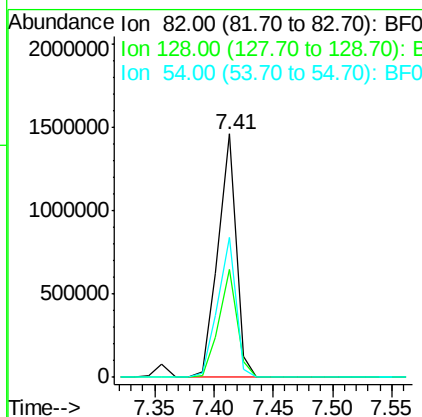
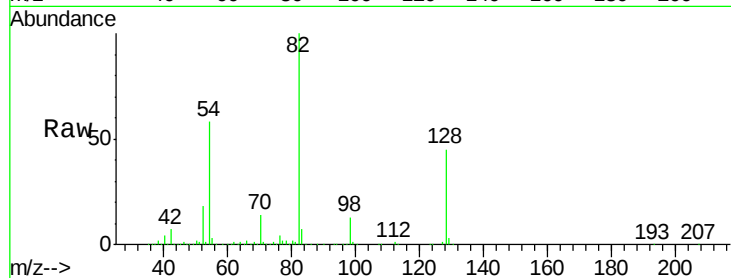




#23
 Nitrobenzene-d5
 Concen: 71.49 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

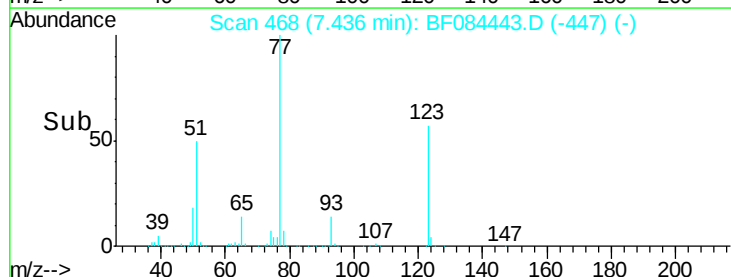
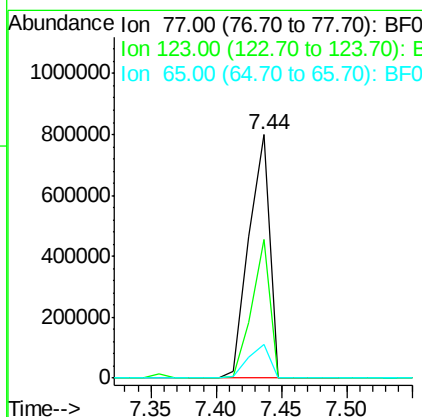
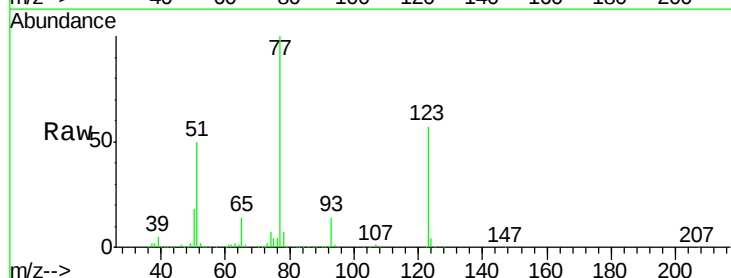
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

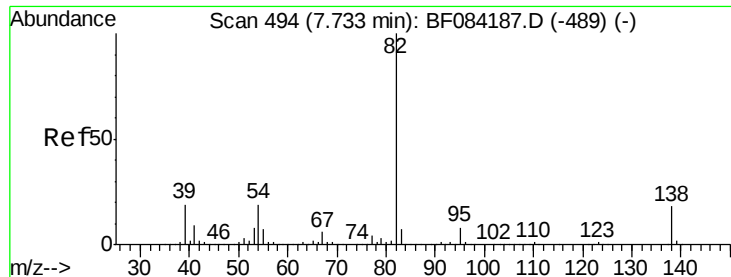
Tgt Ion: 82 Resp: 1541429
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 51.8
 54 57.6 38.4 57.6



#24
 Nitrobenzene
 Concen: 40.41 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion: 77 Resp: 883666
 Ion Ratio Lower Upper
 77 100
 123 56.8 37.4 56.2#
 65 13.7 10.9 16.3





#25

Isophorone

Concen: 38.13 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

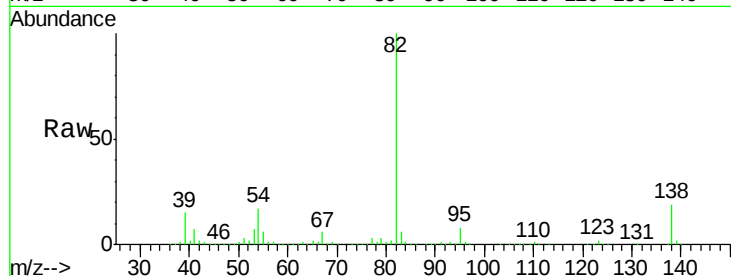
Tgt Ion: 82 Resp: 1572279

Ion Ratio Lower Upper

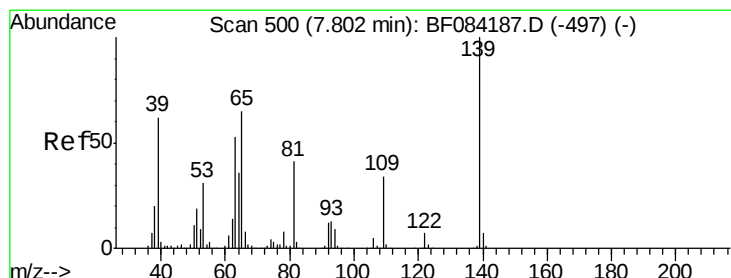
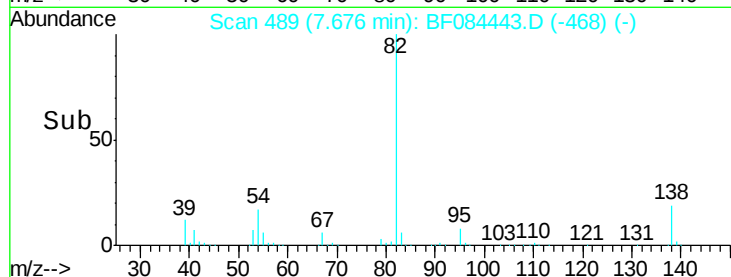
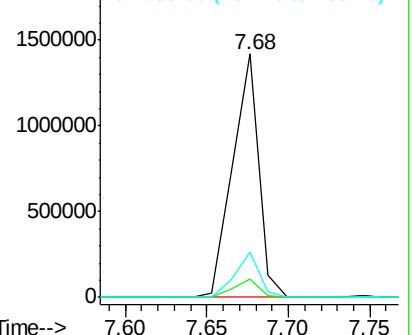
82 100

95 7.6 6.6 10.0

138 18.8 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.45 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

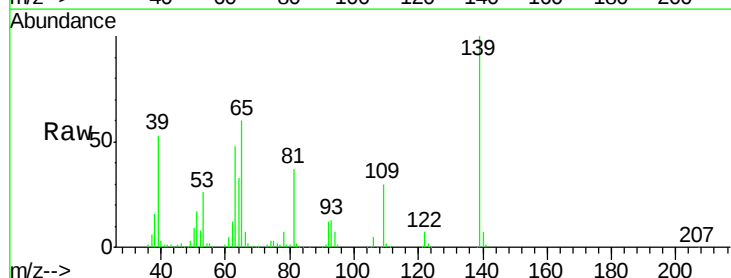
Tgt Ion: 139 Resp: 392632

Ion Ratio Lower Upper

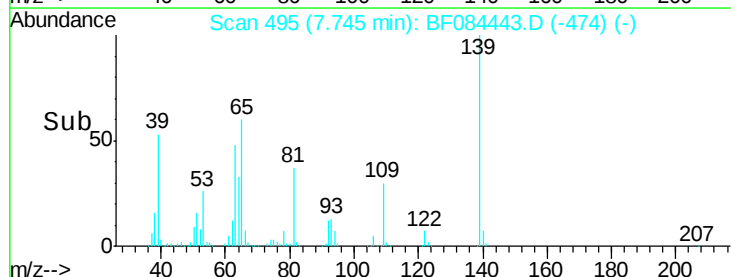
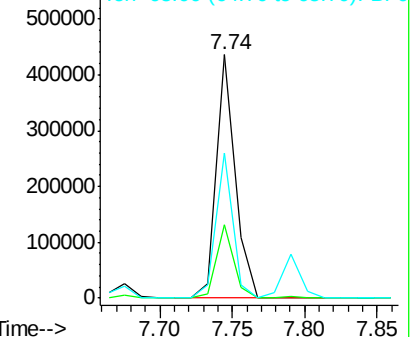
139 100

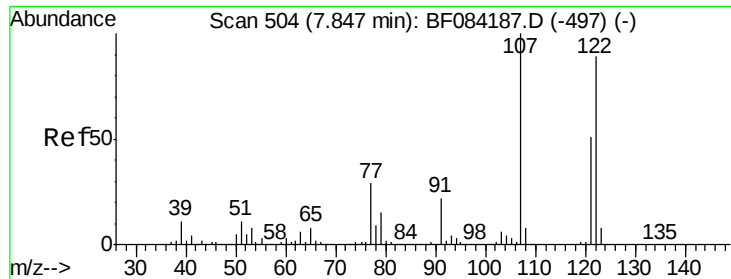
109 30.0 25.4 38.2

65 59.5 32.3 48.5#



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

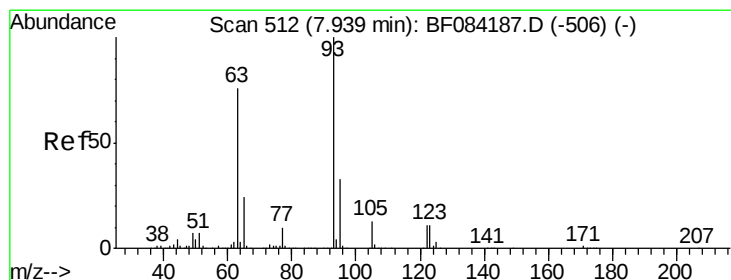
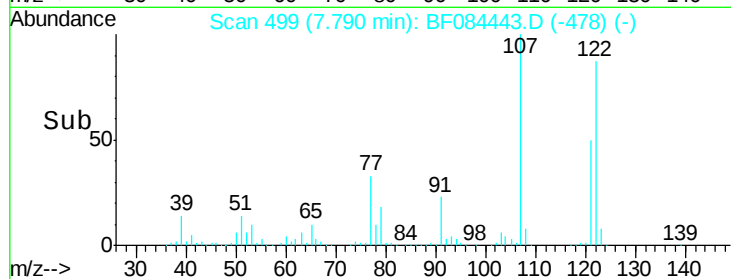
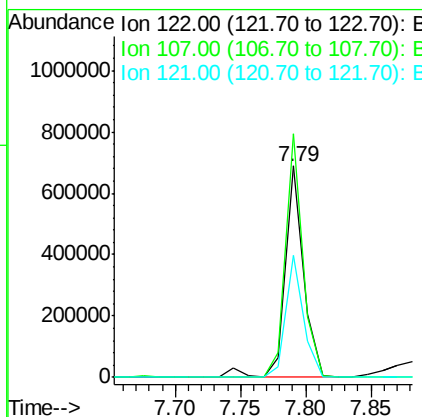
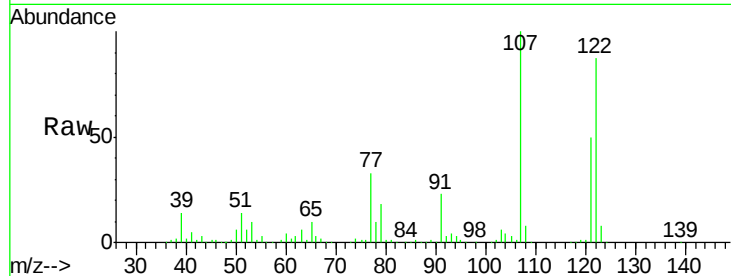




#27
 2,4-Dimethylphenol
 Concen: 34.12 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

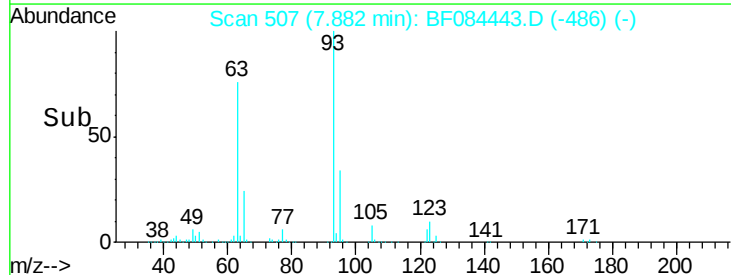
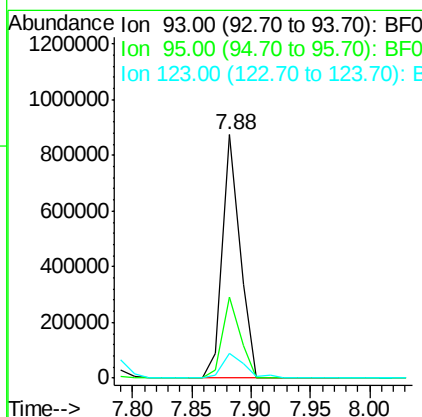
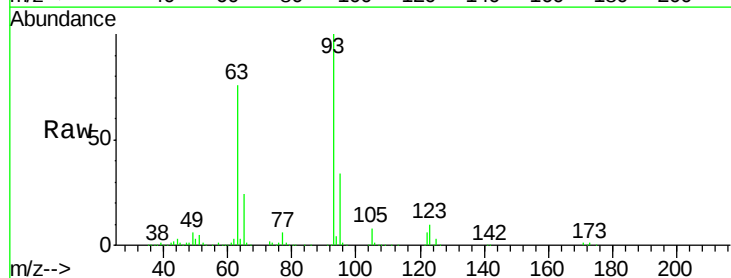
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:122 Resp: 687428
 Ion Ratio Lower Upper
 122 100
 107 115.1 99.1 148.7
 121 57.5 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.48 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion: 93 Resp: 893610
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.8 38.6
 123 10.4 8.6 12.8

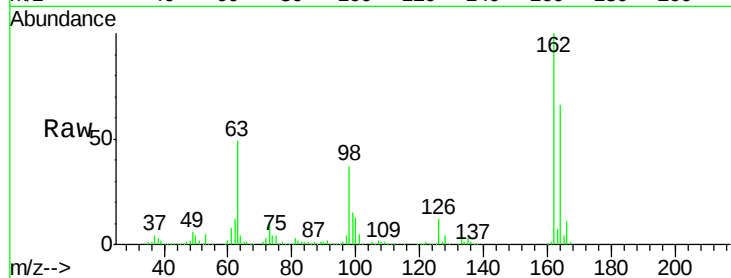




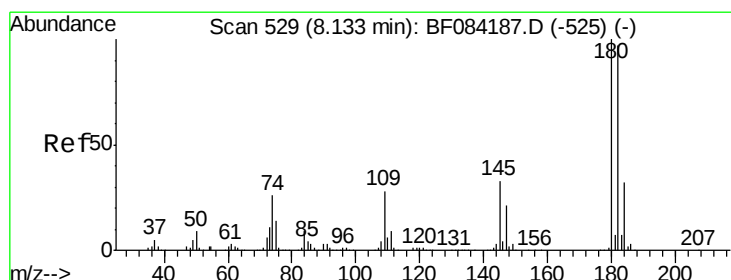
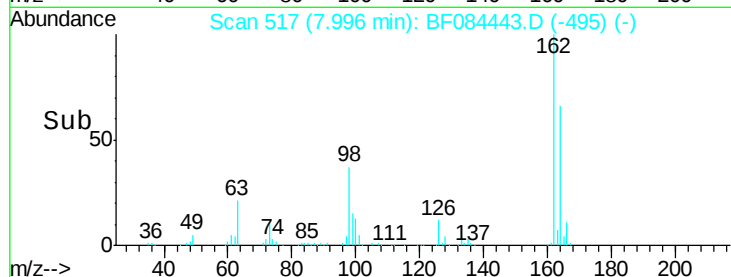
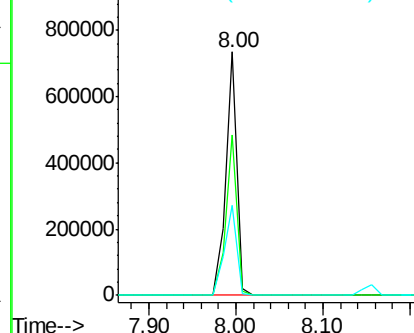
#29
 2,4-Dichlorophenol
 Concen: 39.53 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.05 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.1	84.1
98	36.8	20.2	60.2

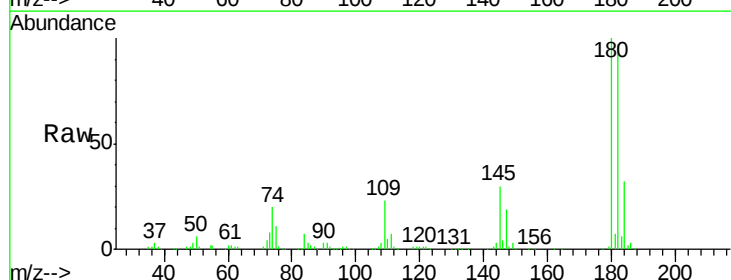


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

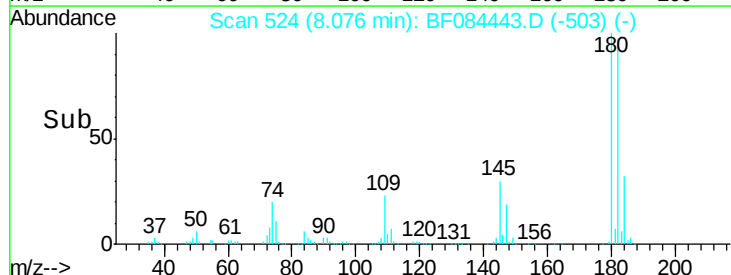
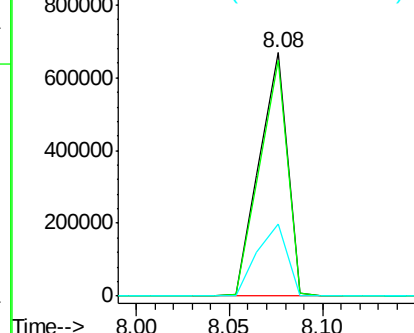


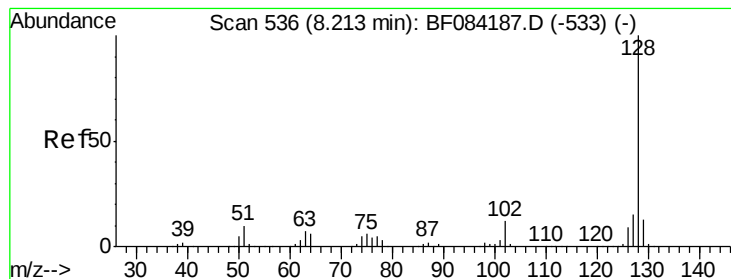
#30
 1,2,4-Trichlorobenzene
 Concen: 40.20 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	29.6	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: 40.92 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

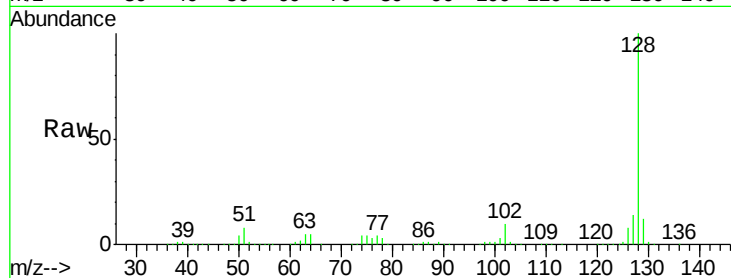
Tgt Ion:128 Resp: 2227860

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

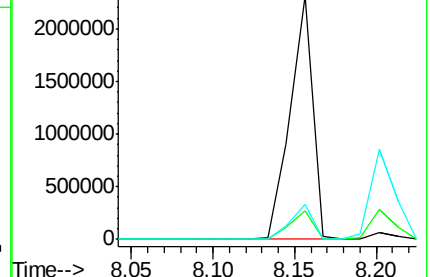
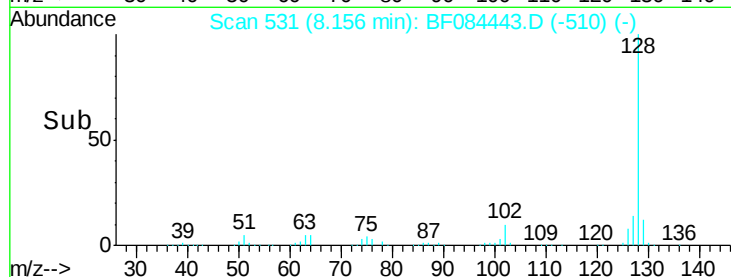
127 14.4 11.1 16.7



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: 28.02 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

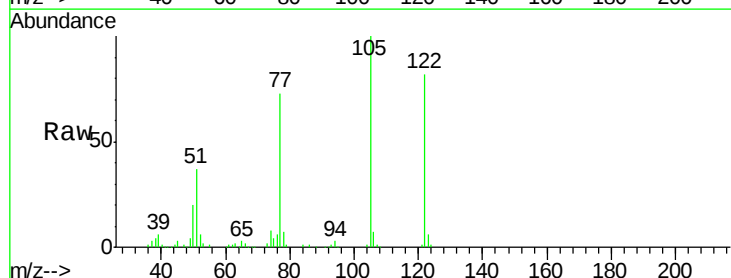
Tgt Ion:122 Resp: 324361

Ion Ratio Lower Upper

122 100

105 121.9 100.3 140.3

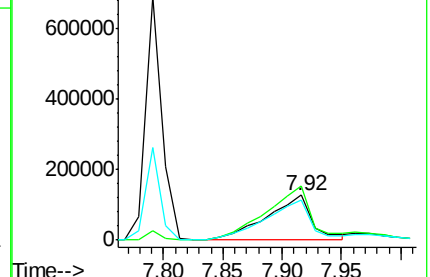
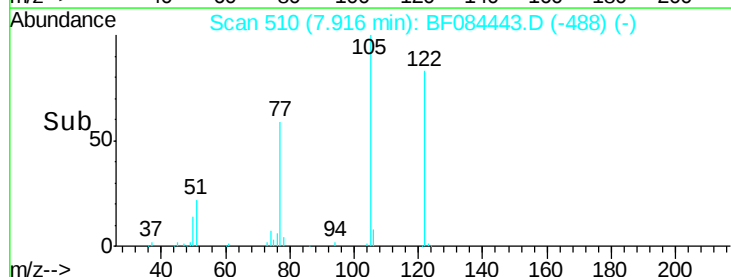
77 88.9 63.5 103.5



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

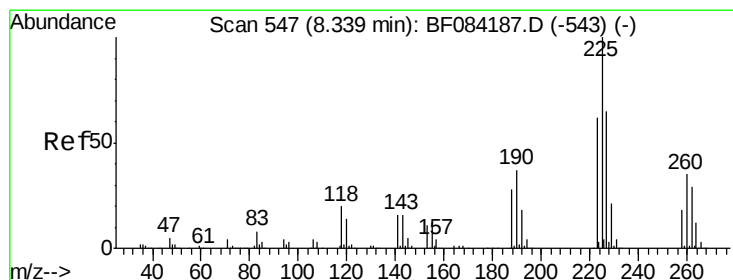
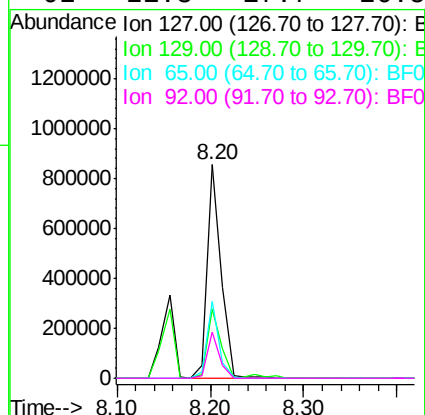
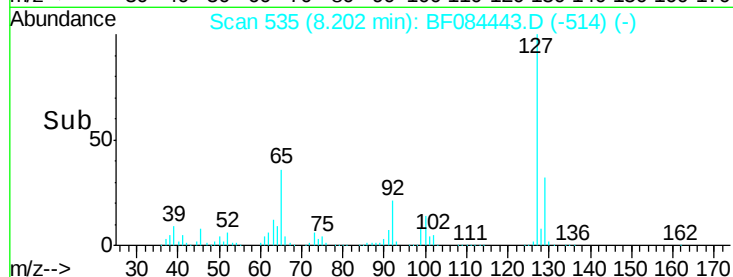
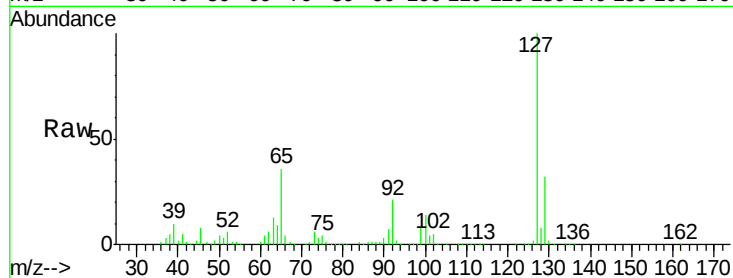




#33
4-Chloroaniline
Concen: 35.66 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

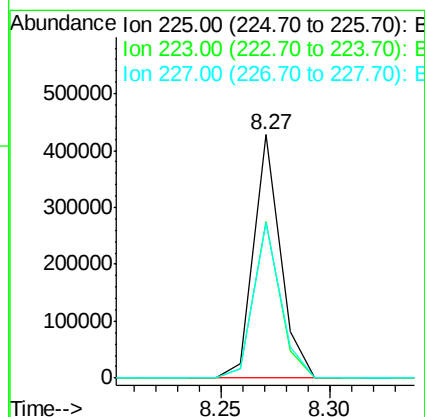
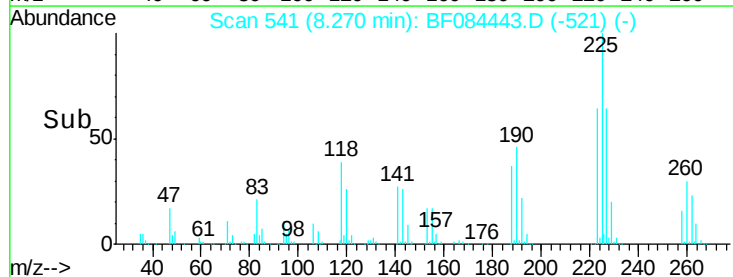
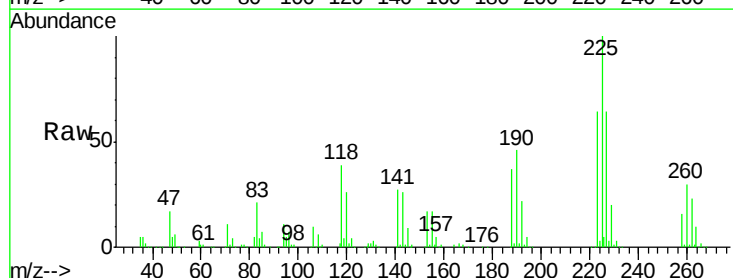
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

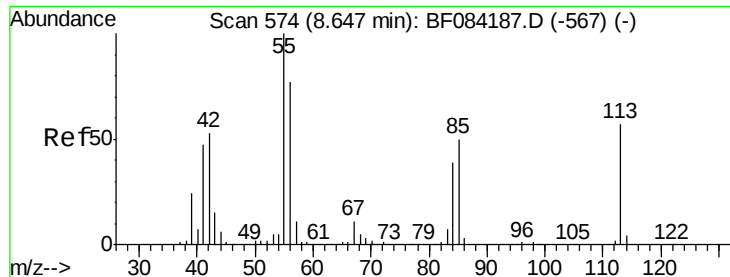
Tgt Ion:	127	Resp:	890184
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	36.0	27.2	40.8
92	21.3	17.7	26.5



#34
Hexachlorobutadiene
Concen: 36.83 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion:	225	Resp:	366789
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.4	74.0
227	63.8	50.8	76.2

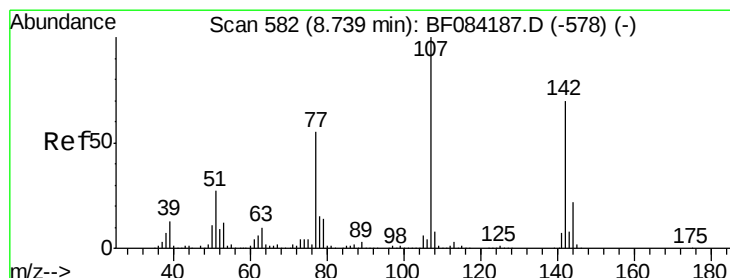
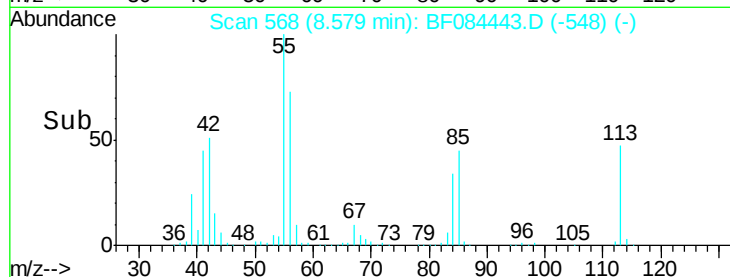
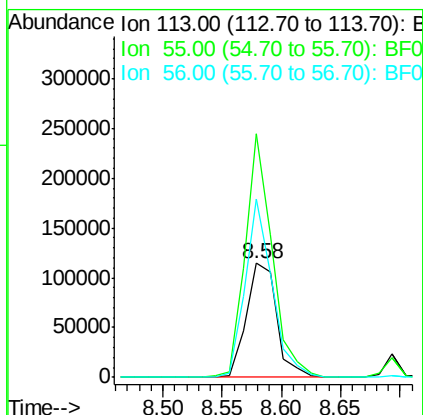
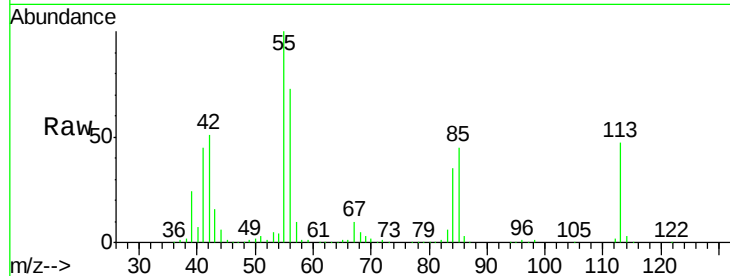




#35
 Caprolactam
 Concen: 36.19 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

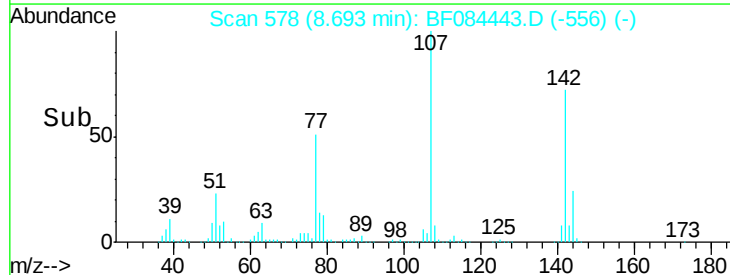
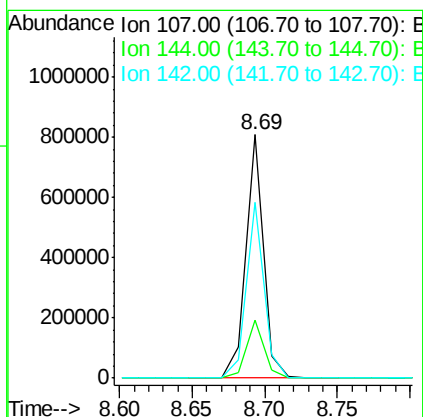
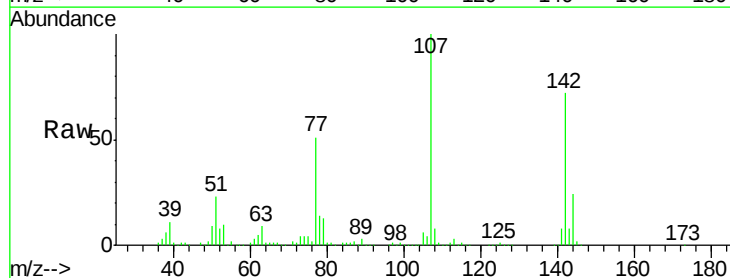
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

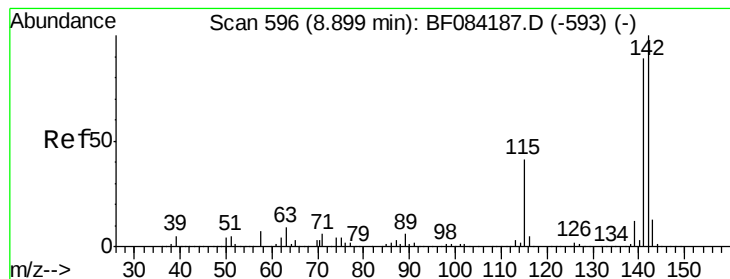
Tgt Ion:113 Resp: 204759
 Ion Ratio Lower Upper
 113 100
 55 213.7 116.9 156.9#
 56 156.4 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 36.23 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion:107 Resp: 681035
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.7 29.5
 142 72.0 61.8 92.6





#37

2-Methylnaphthalene

Concen: 34.15 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

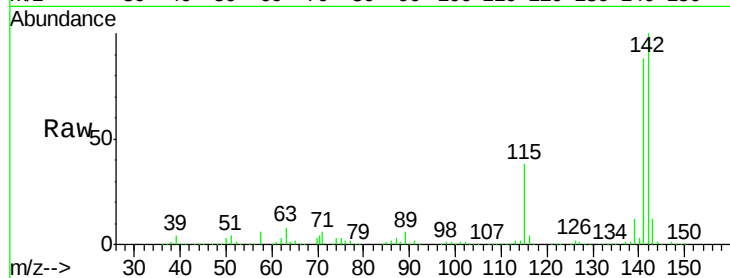
Tgt Ion:142 Resp: 1334858

Ion Ratio Lower Upper

142 100

141 88.1 72.4 108.6

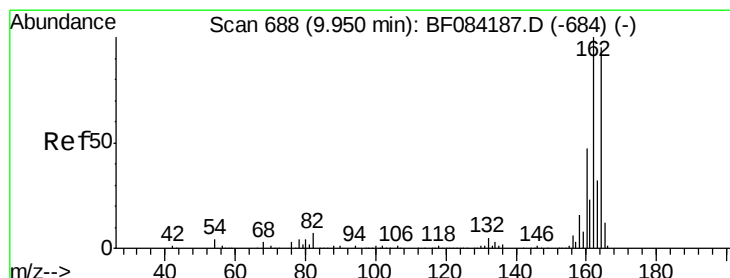
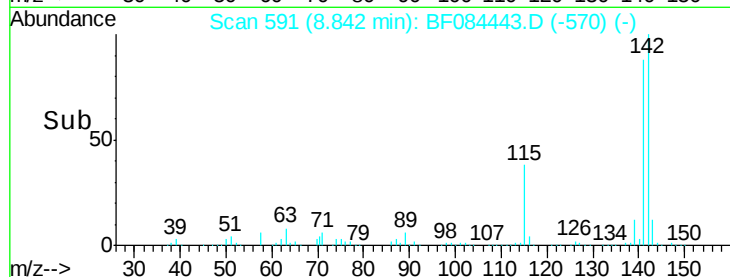
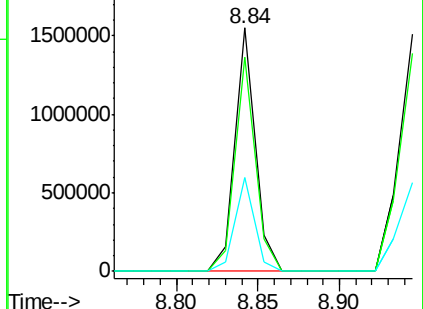
115 38.5 27.9 41.9



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: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

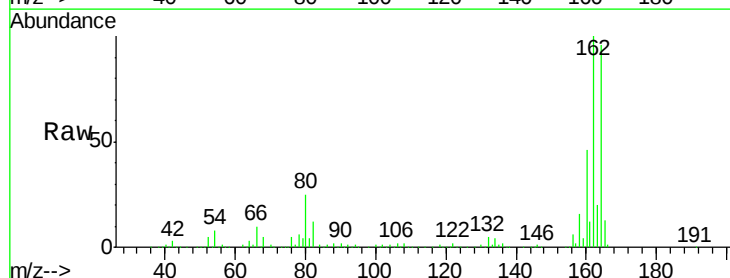
Tgt Ion:164 Resp: 505824

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

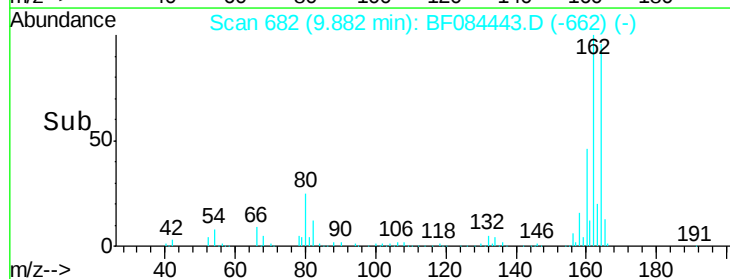
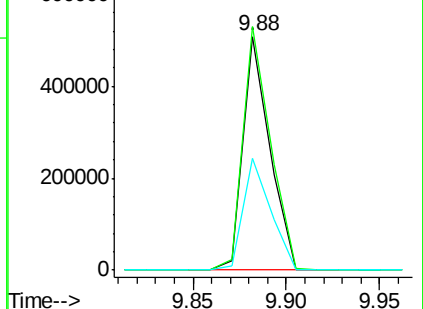
160 47.8 37.5 56.3

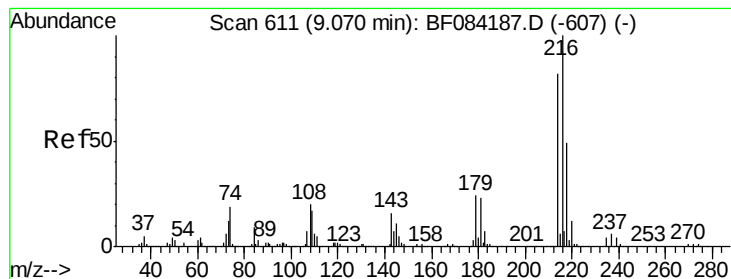


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.17 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 642348

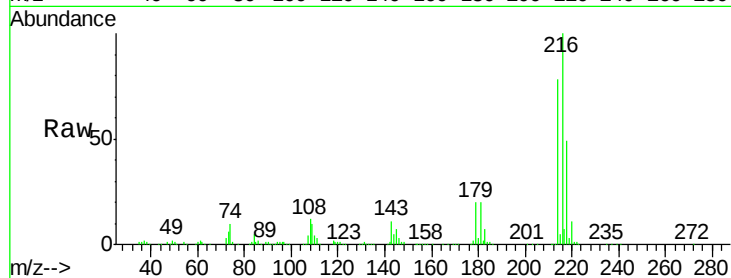
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 22.2 18.7 28.1

108 19.3 16.8 25.2

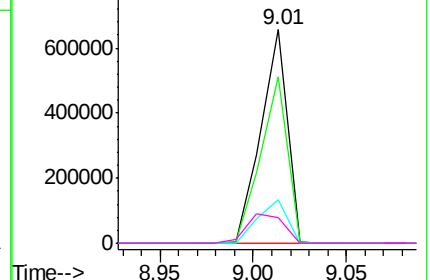
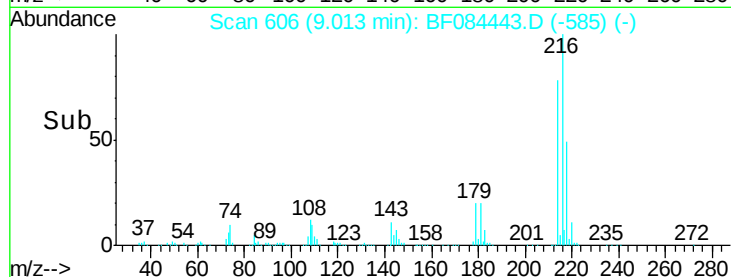


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.84 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

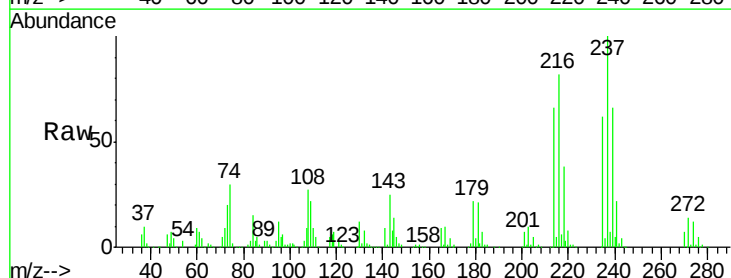
Tgt Ion:237 Resp: 332185

Ion Ratio Lower Upper

237 100

235 62.5 43.1 83.1

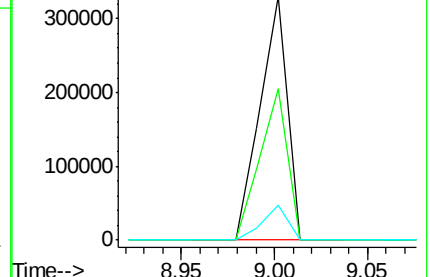
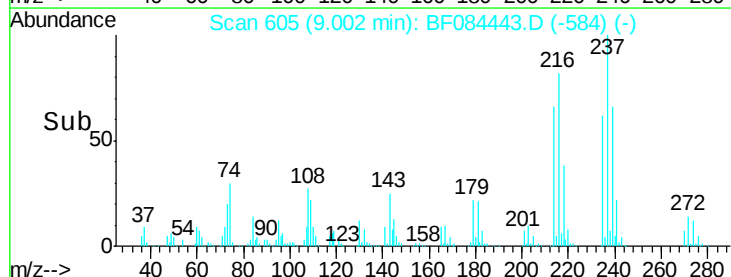
272 14.3 0.0 35.1

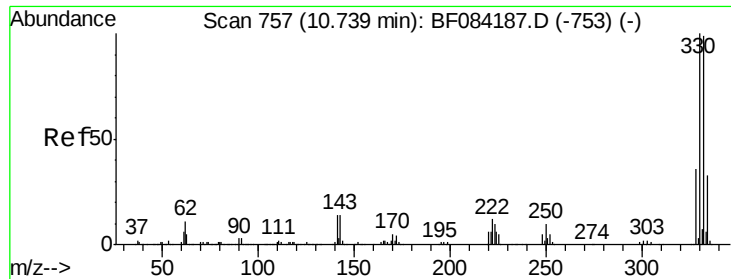


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

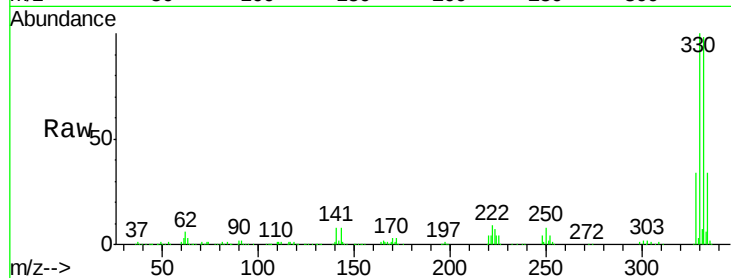




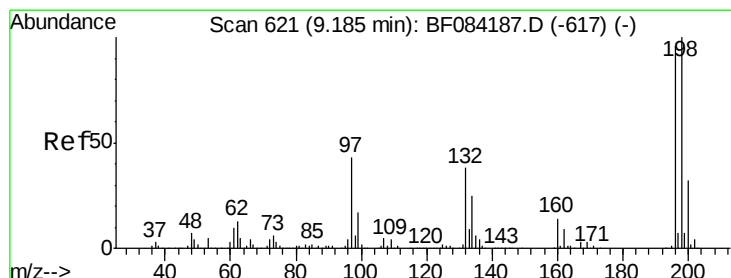
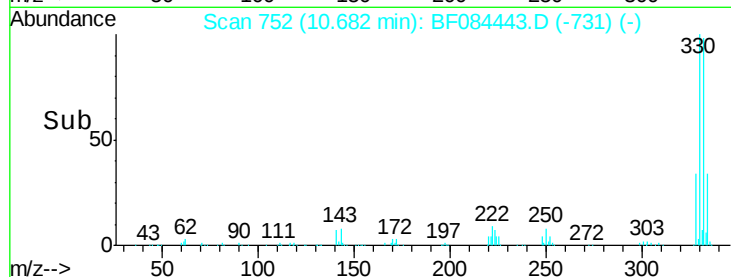
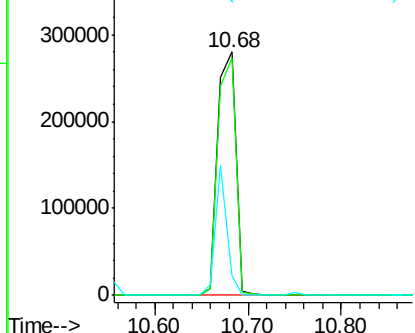
#41
 2,4,6-Tribromophenol
 Concen: 73.80 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 376869
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 33.7 27.8 41.6

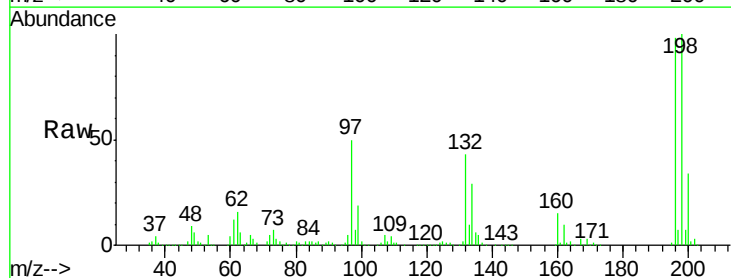


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

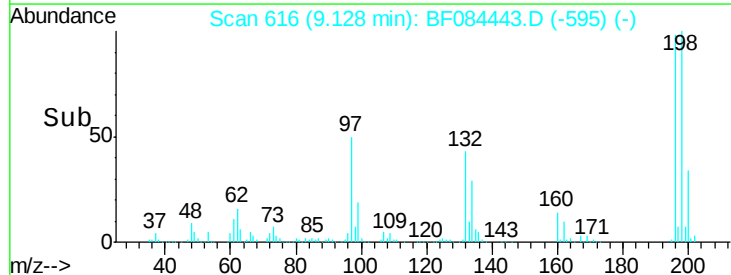
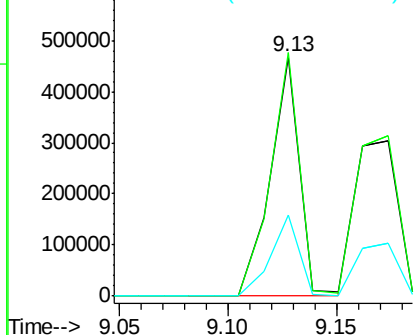


#42
 2,4,6-Trichlorophenol
 Concen: 40.47 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion:196 Resp: 440331
 Ion Ratio Lower Upper
 196 100
 198 101.9 77.7 116.5
 200 34.2 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

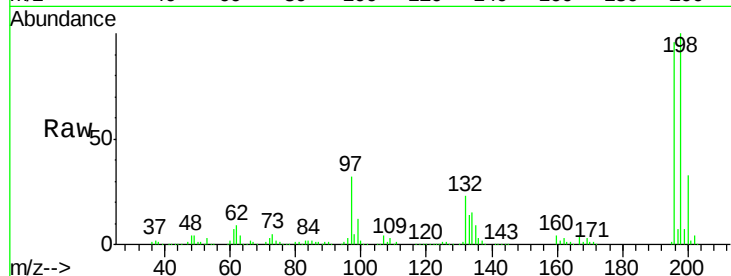




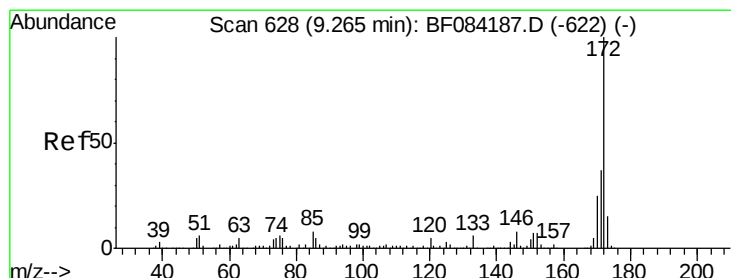
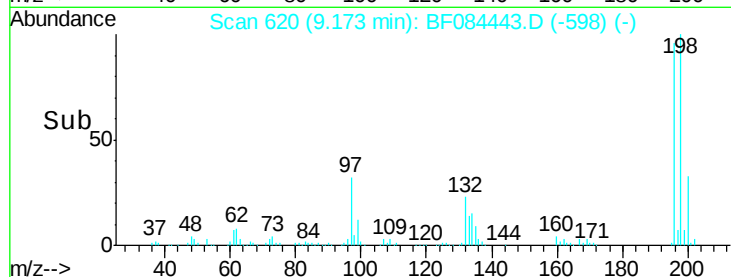
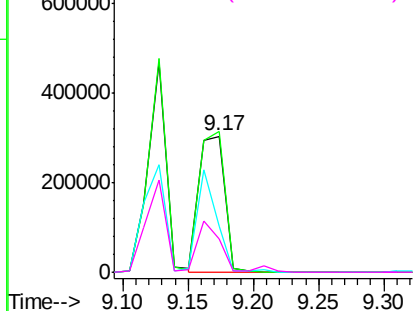
#43
 2,4,5-Trichlorophenol
 Concen: 40.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.8	79.0	118.6
97	33.6	33.0	49.6
132	24.1	21.1	31.7

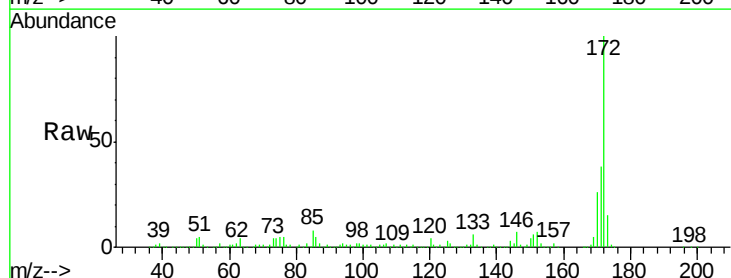


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

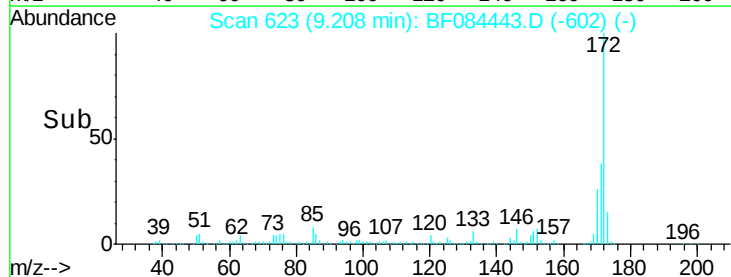
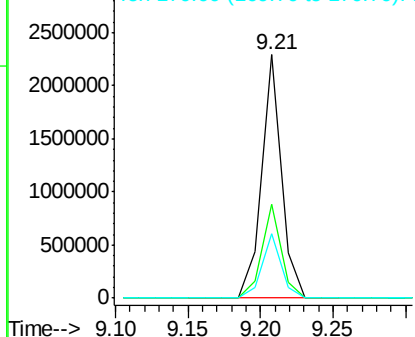


#44
 2-Fluorobiphenyl
 Concen: 74.87 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	26.3	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





#45

1,1'-Biphenyl

Concen: 43.94 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

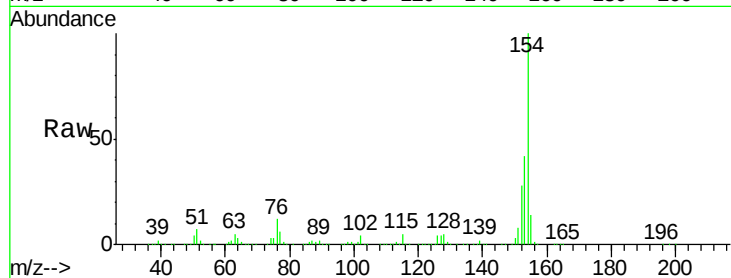
Tgt Ion:154 Resp: 1766284

Ion Ratio Lower Upper

154 100

153 42.4 21.6 61.6

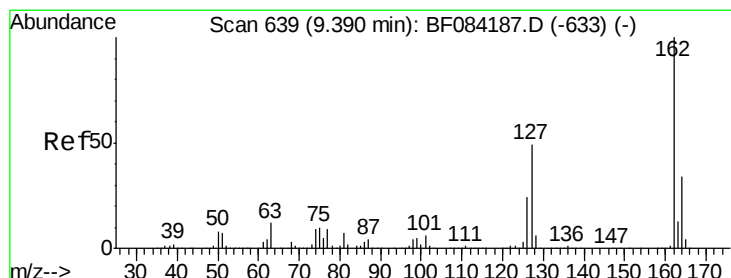
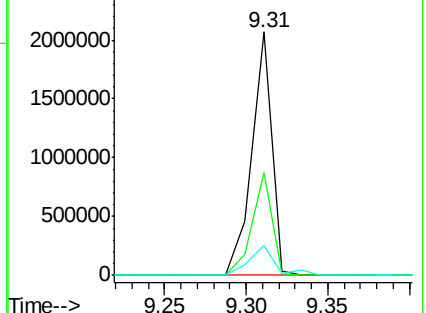
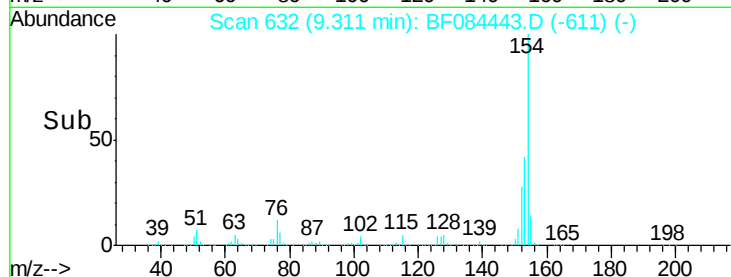
76 12.0 0.0 32.7



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: 40.53 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

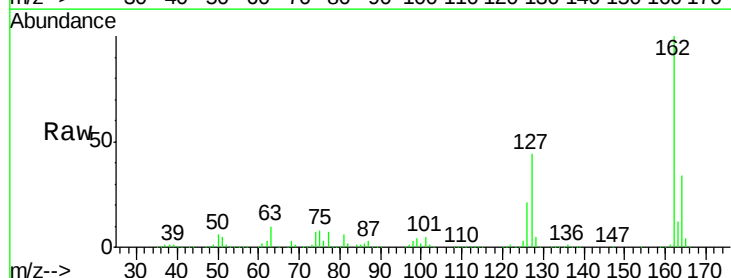
Tgt Ion:162 Resp: 1279938

Ion Ratio Lower Upper

162 100

127 44.4 40.2 60.4

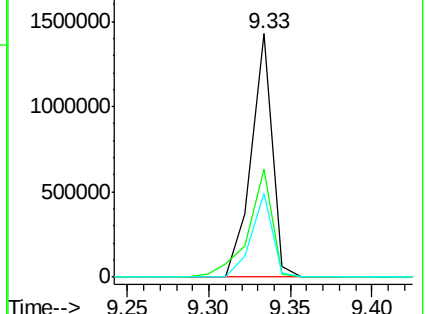
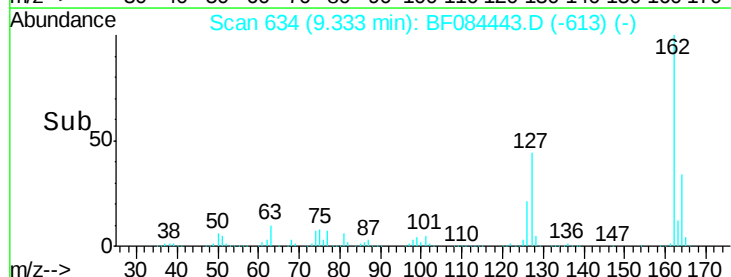
164 34.3 25.7 38.5

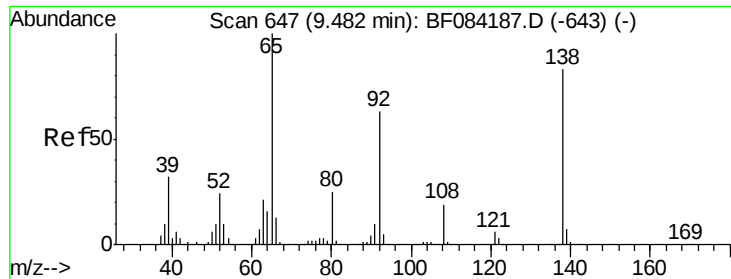


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

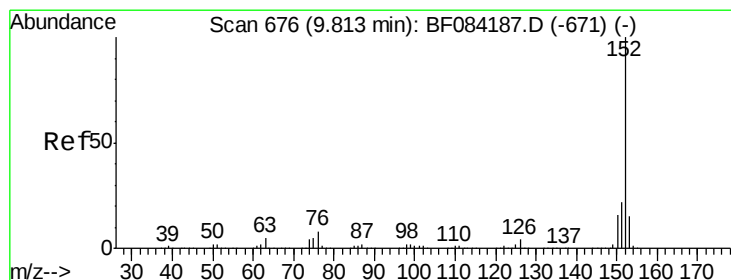
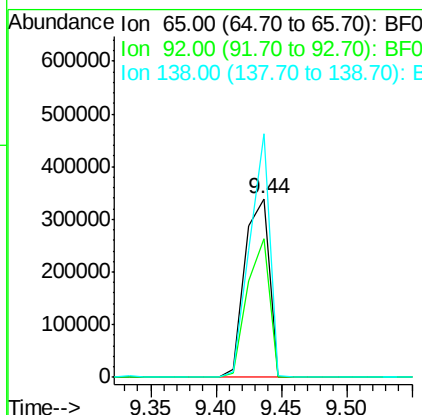
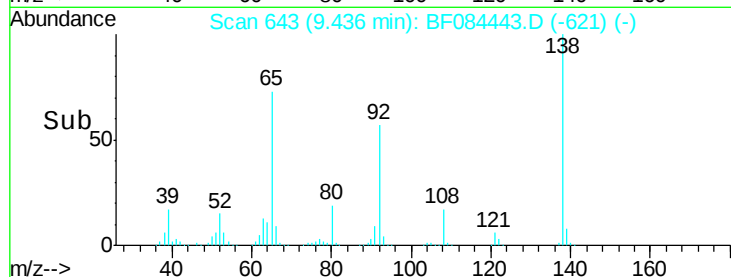
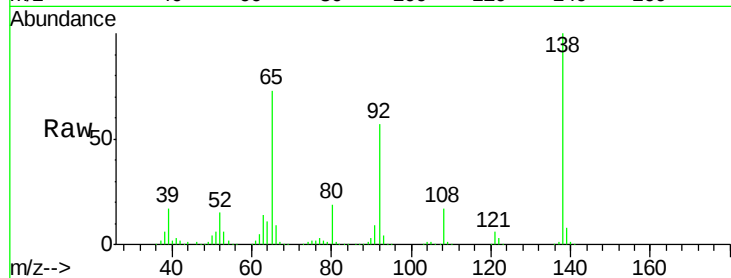




#47
2-Nitroaniline
Concen: 42.62 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

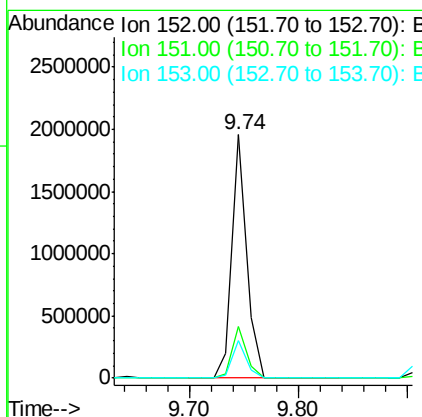
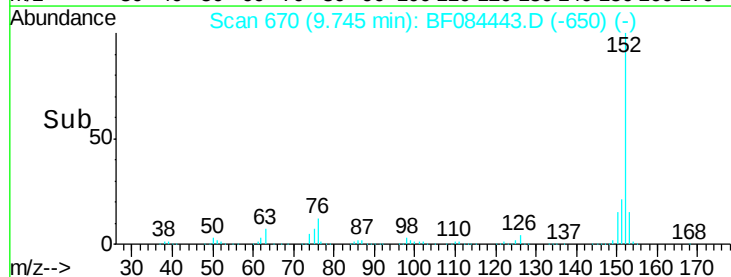
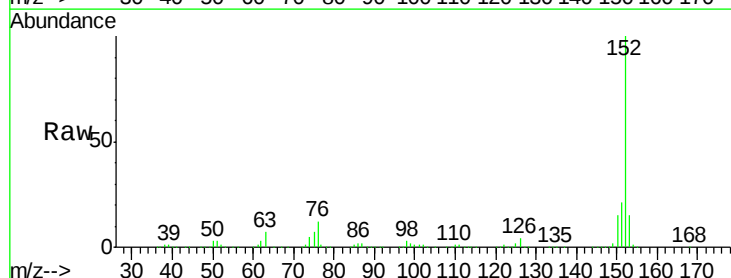
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 444175
Ion Ratio Lower Upper
65 100
92 77.8 53.4 80.2
138 136.3 71.1 106.7#



#48
Acenaphthylene
Concen: 38.96 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion: 152 Resp: 1817430
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.3 10.4 15.6

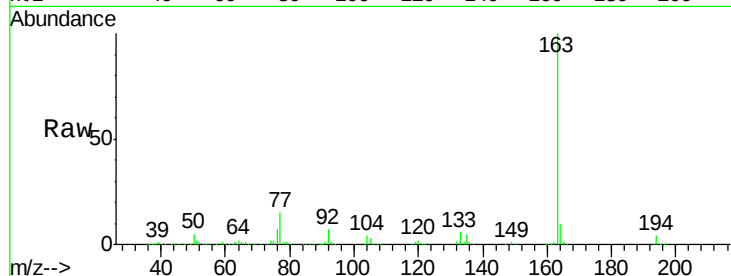




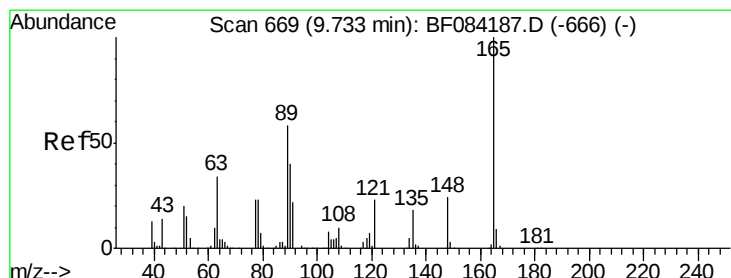
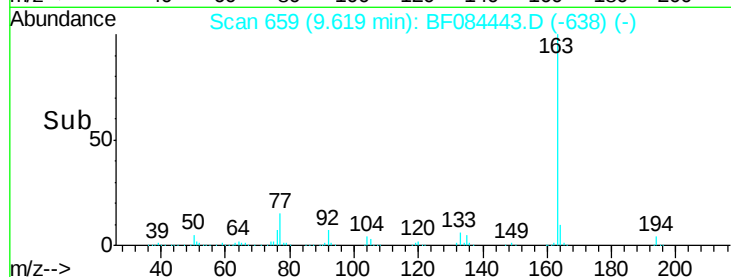
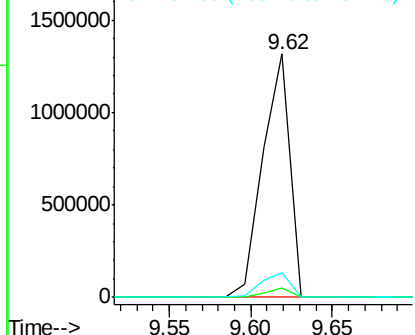
#49
Dimethylphthalate
Concen: 41.83 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1512484
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 10.0 8.0 12.0

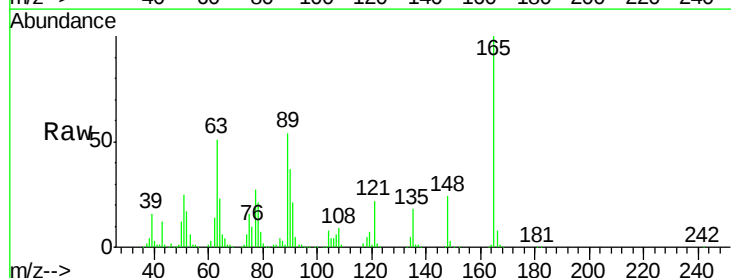


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

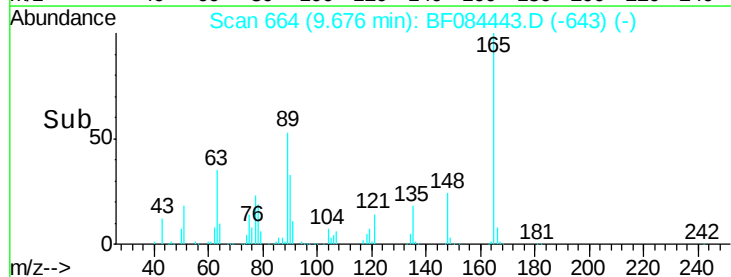
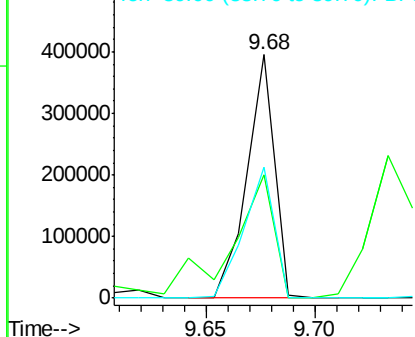


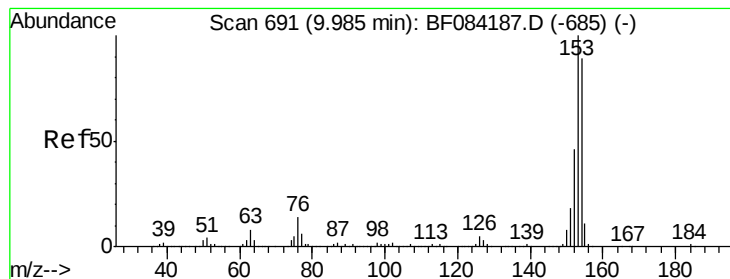
#50
2,6-Dinitrotoluene
Concen: 43.83 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion:165 Resp: 347658
Ion Ratio Lower Upper
165 100
63 50.8 28.8 43.2#
89 54.0 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: 38.01 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

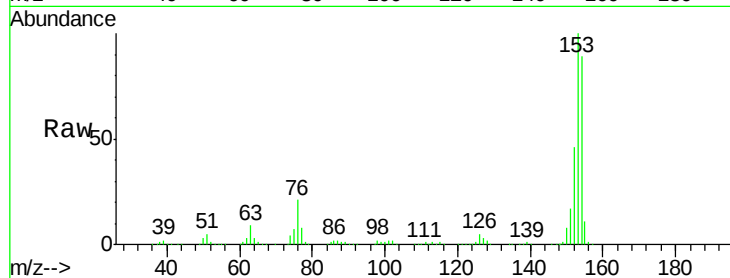
Tgt Ion:154 Resp: 1189417

Ion Ratio Lower Upper

154 100

153 112.4 91.5 137.3

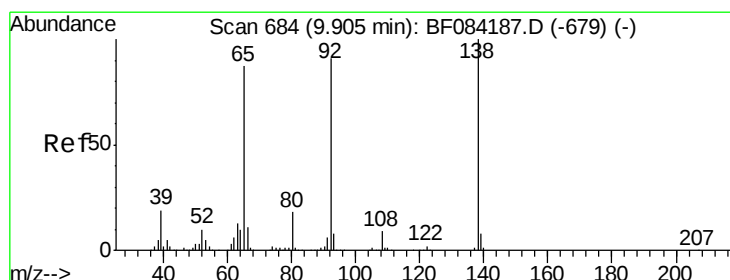
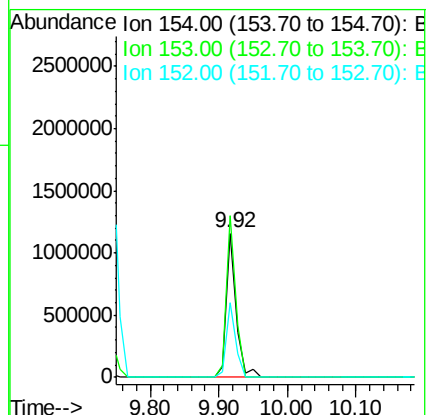
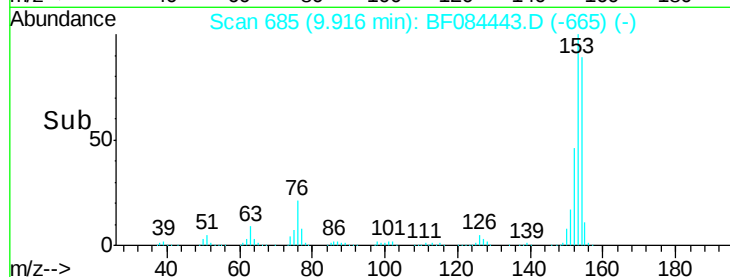
152 51.7 43.0 64.6



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: 44.30 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

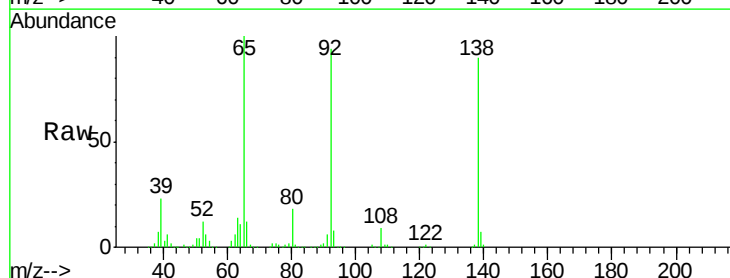
Tgt Ion:138 Resp: 435377

Ion Ratio Lower Upper

138 100

108 9.8 10.5 15.7#

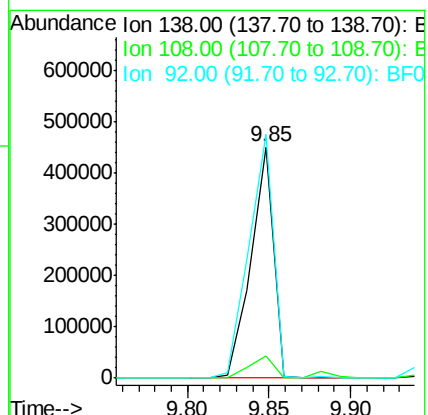
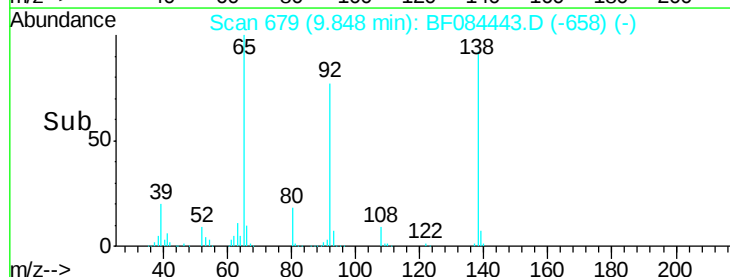
92 105.4 103.9 155.9



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

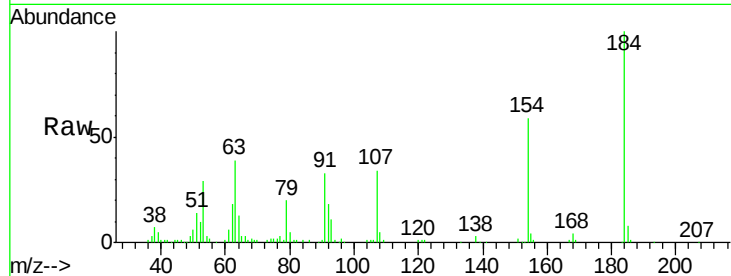




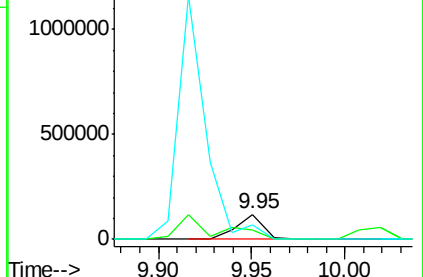
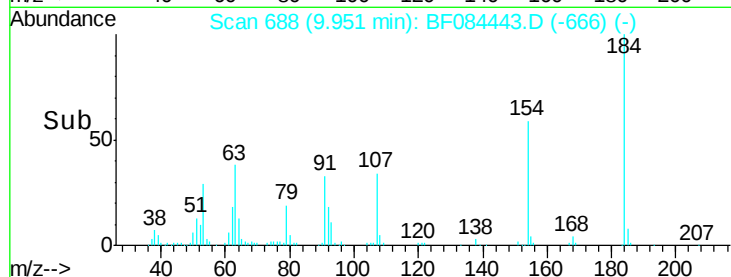
#53
2,4-Dinitrophenol
Concen: 37.38 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 119590
Ion Ratio Lower Upper
184 100
63 38.6 43.1 64.7#
154 58.7 60.5 90.7#

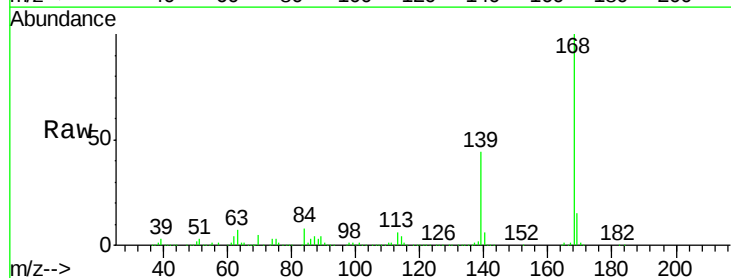


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

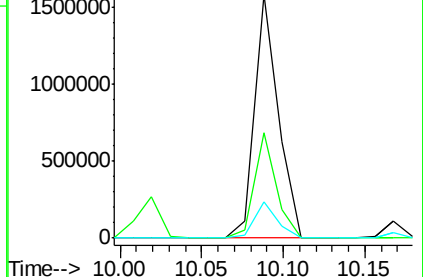
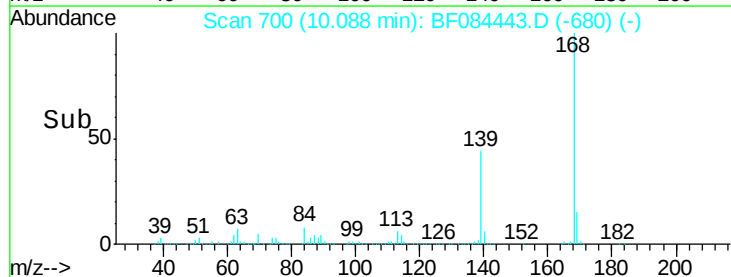


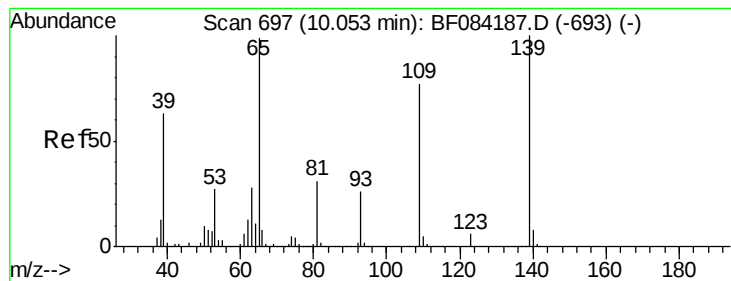
#54
Dibenzofuran
Concen: 38.80 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion:168 Resp: 1589160
Ion Ratio Lower Upper
168 100
139 43.5 30.5 45.7
169 14.8 10.4 15.6



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





#55

4-Nitrophenol

Concen: 38.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

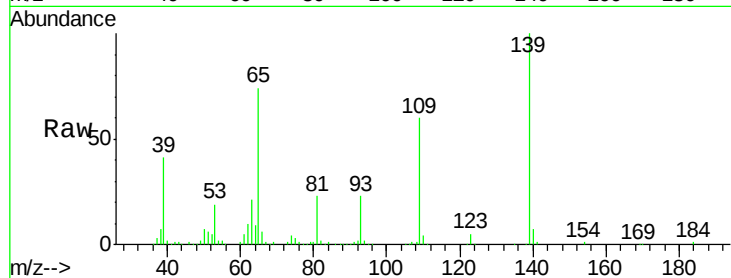
Tgt Ion:139 Resp: 271056

Ion Ratio Lower Upper

139 100

109 59.8 58.5 98.5

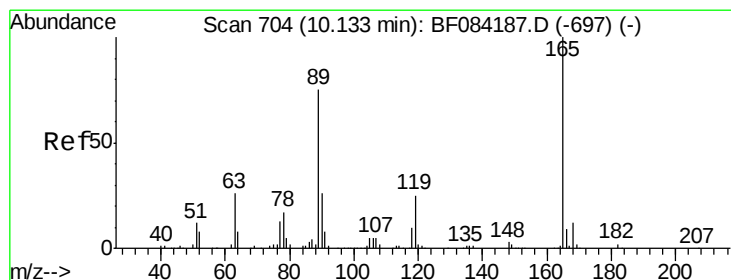
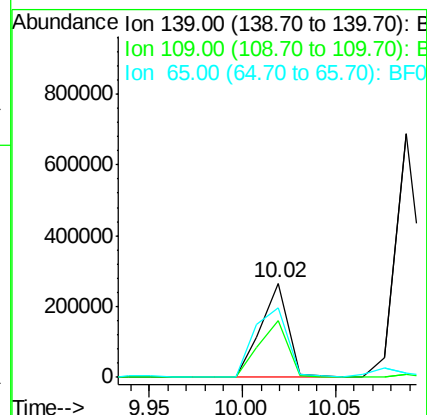
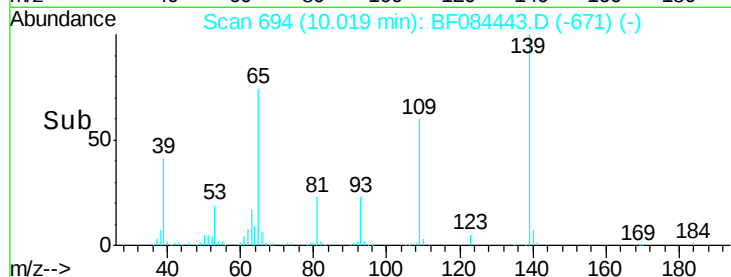
65 73.9 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.12 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Tgt Ion:165 Resp: 432848

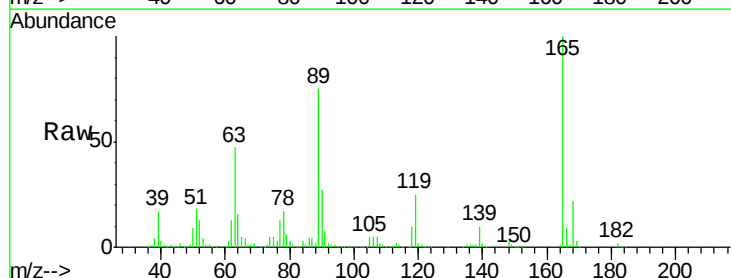
Ion Ratio Lower Upper

165 100

63 46.9 36.7 55.1

89 75.2 61.9 92.9

182 2.0 2.0 3.0

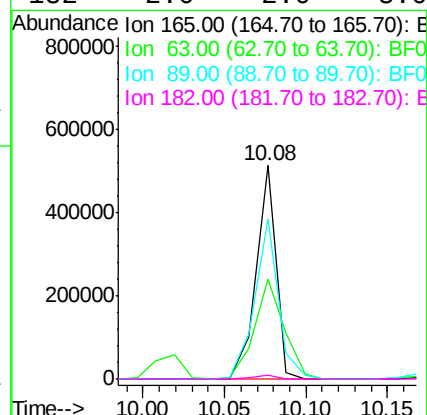
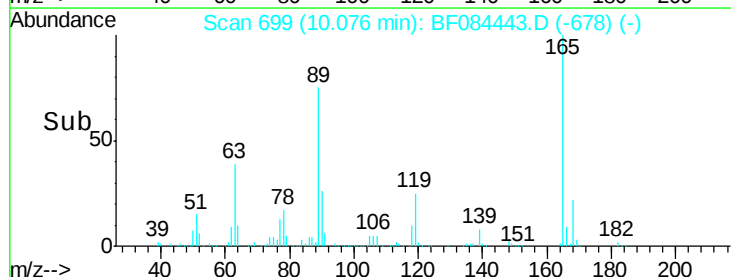


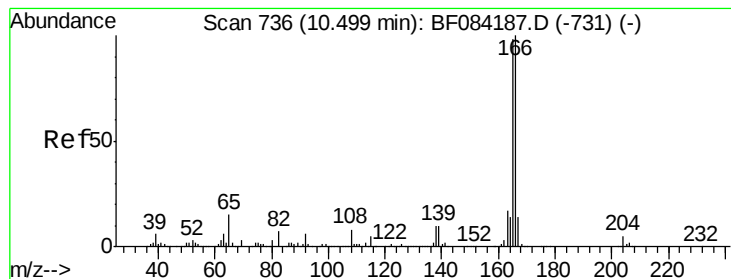
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.73 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

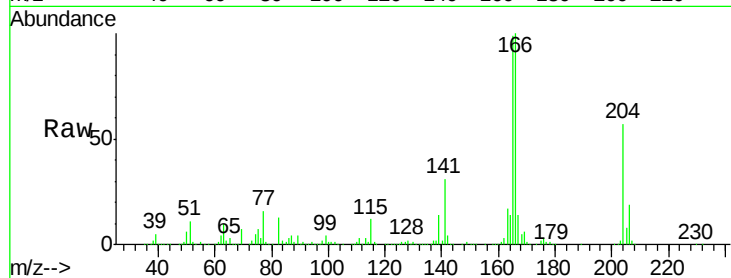
Tgt Ion:166 Resp: 1135227

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

167 14.3 10.4 15.6

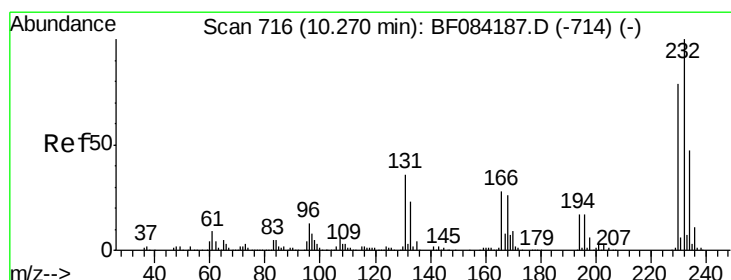
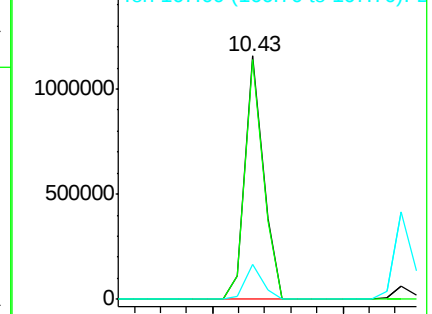
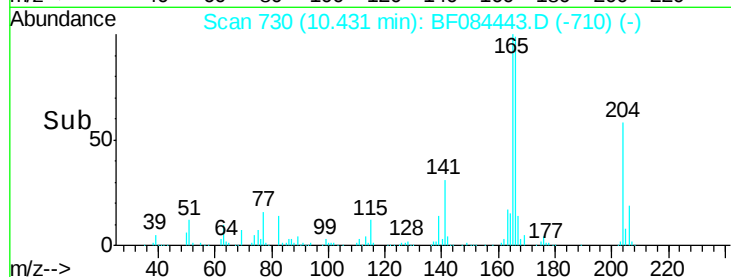


Abundance

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: 39.86 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Tgt Ion:232 Resp: 354969

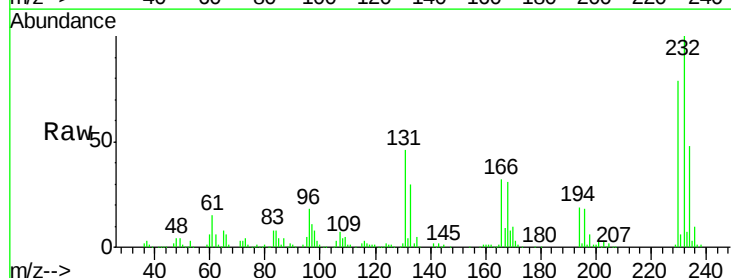
Ion Ratio Lower Upper

232 100

131 50.3 47.0 70.6

130 2.5 2.0 3.0

166 33.4 30.5 45.7



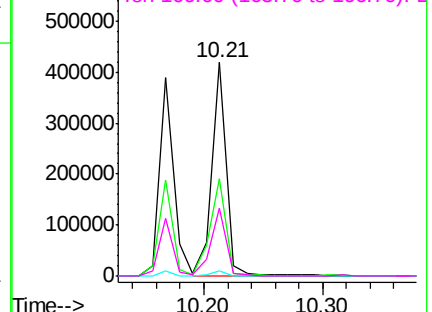
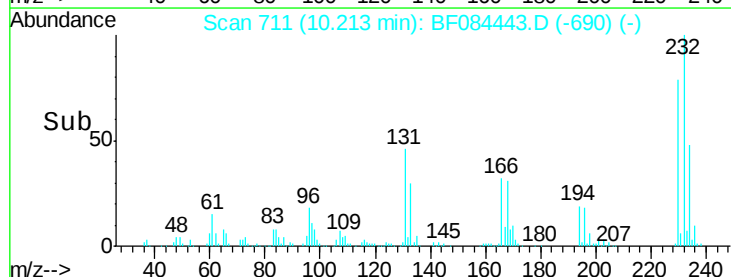
Abundance

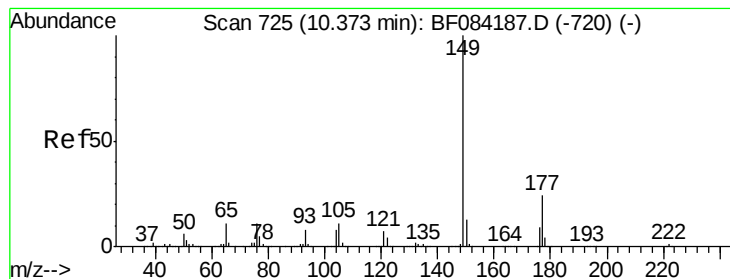
Ion 232.00 (231.70 to 232.70): E

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: 40.49 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

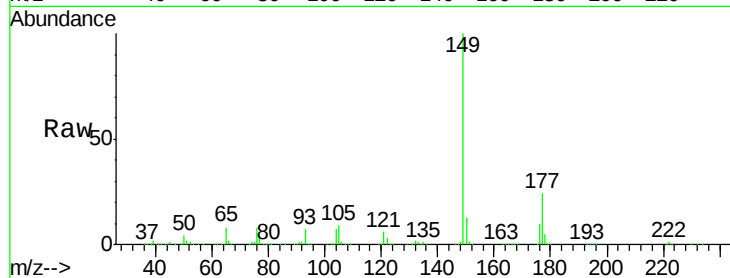
Tgt Ion:149 Resp: 1443601

Ion Ratio Lower Upper

149 100

177 24.4 17.3 25.9

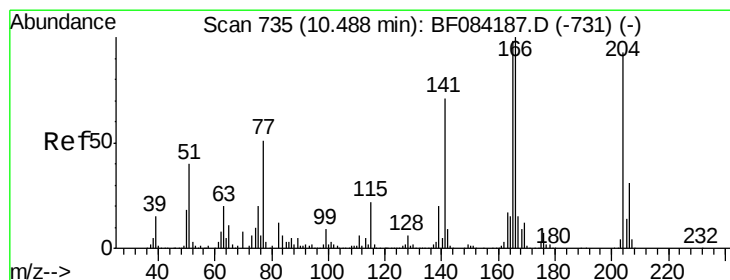
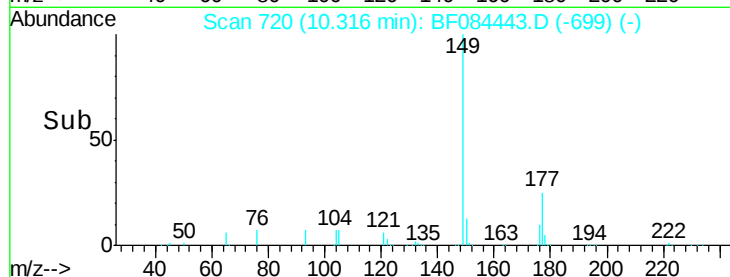
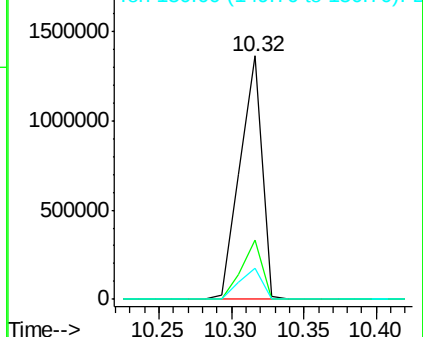
150 13.0 9.8 14.8



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: 48.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

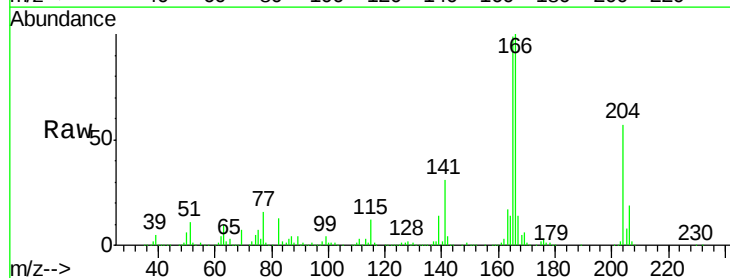
Tgt Ion:204 Resp: 631672

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

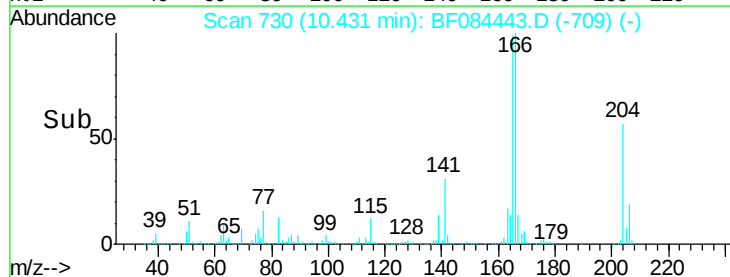
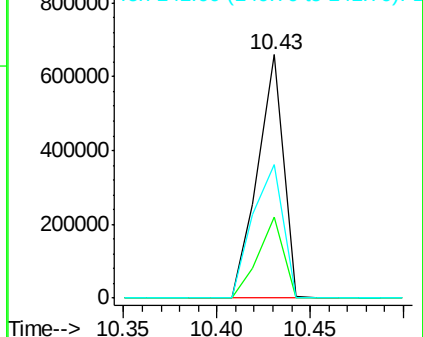
141 54.7 55.1 82.7#

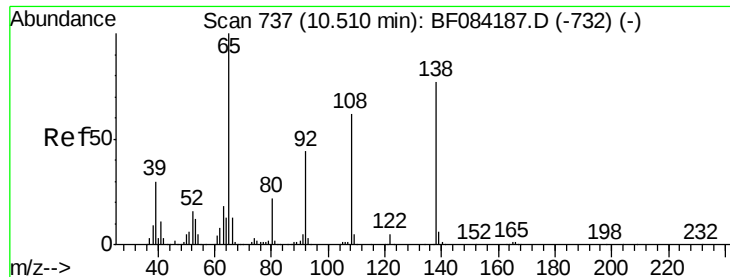


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

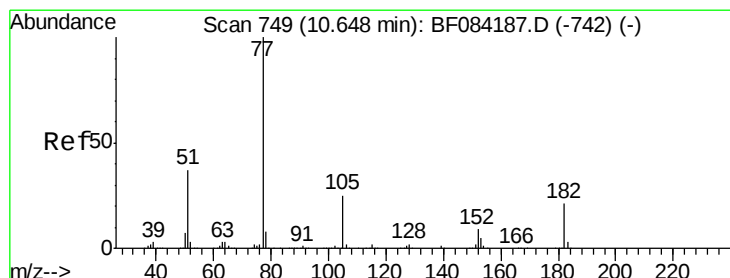
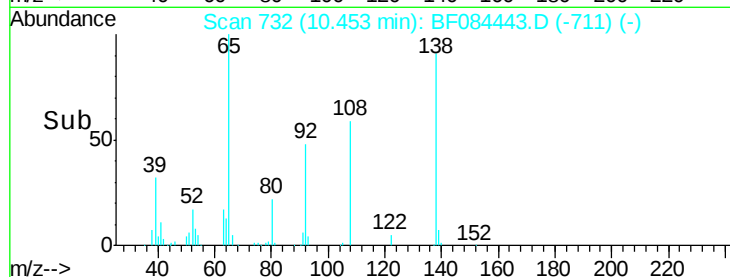
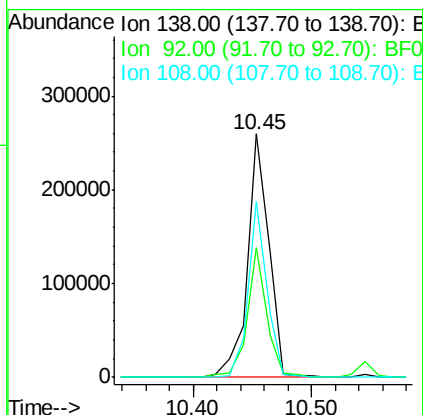
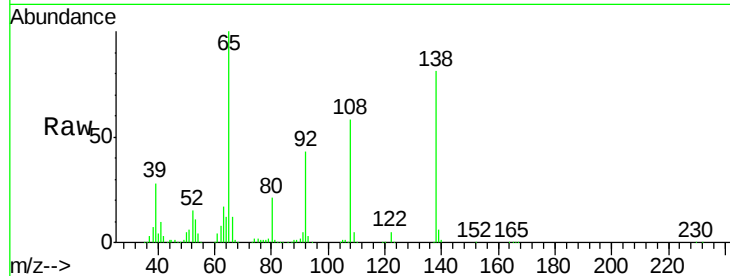




#61
4-Nitroaniline
Concen: 37.17 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

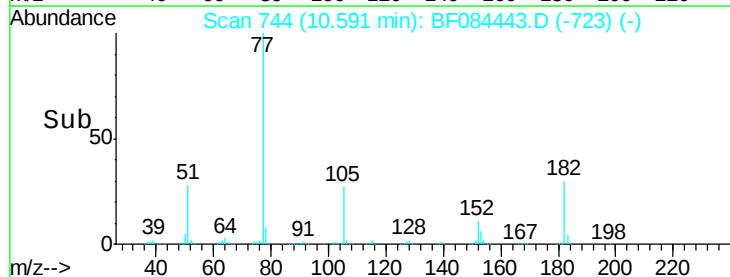
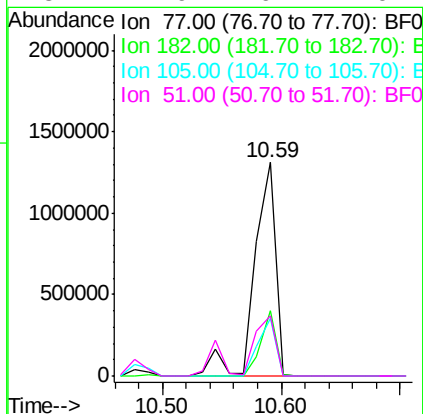
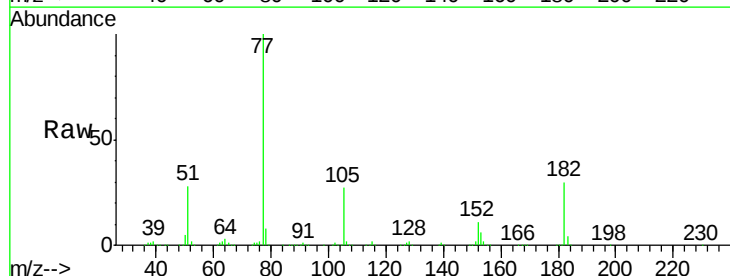
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

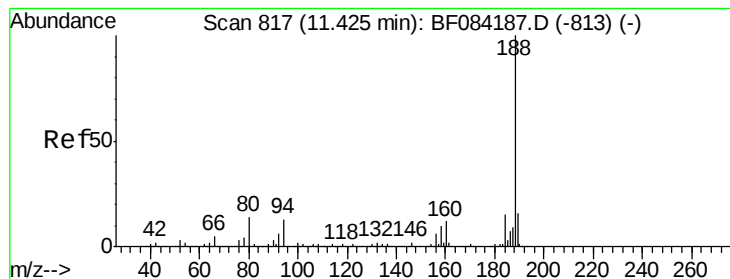
Tgt Ion: 138 Resp: 325649
Ion Ratio Lower Upper
138 100
92 53.4 32.6 72.6
108 72.2 68.6 108.6



#62
Azobenzene
Concen: 41.45 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion: 77 Resp: 1620725
Ion Ratio Lower Upper
77 100
182 30.3 8.3 48.3
105 26.8 4.6 44.6
51 27.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

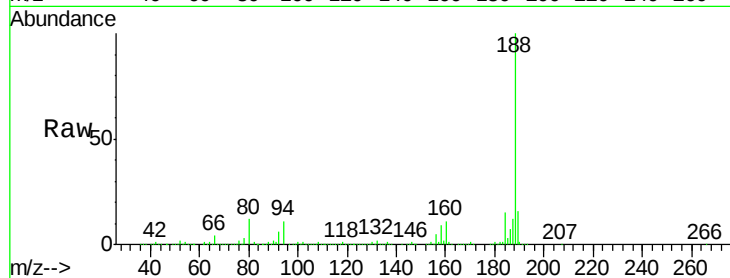
Tgt Ion:188 Resp: 885682

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.4

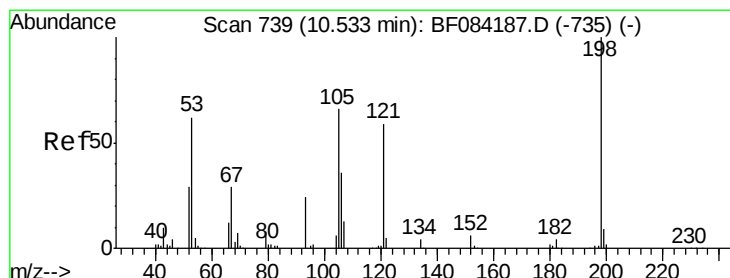
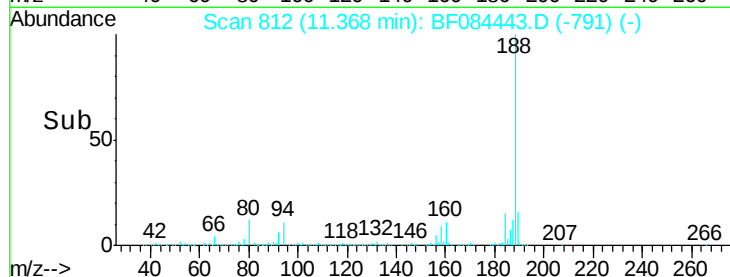
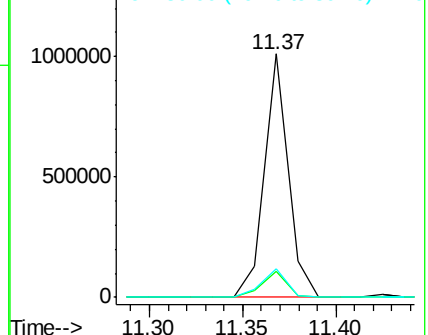
80 11.7 9.6 14.4



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: 36.35 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

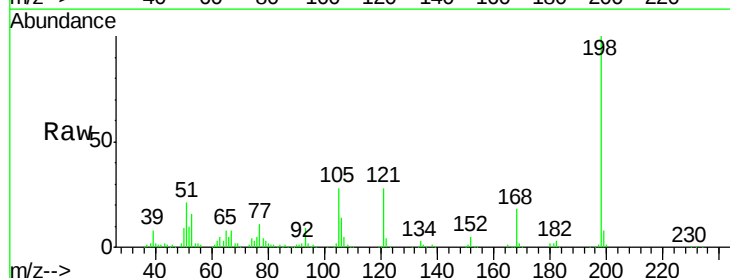
Tgt Ion:198 Resp: 196368

Ion Ratio Lower Upper

198 100

51 20.8 18.9 58.9

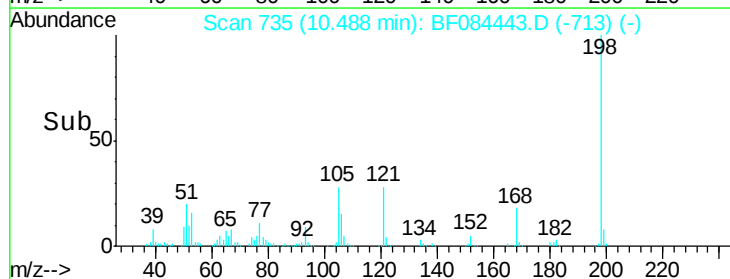
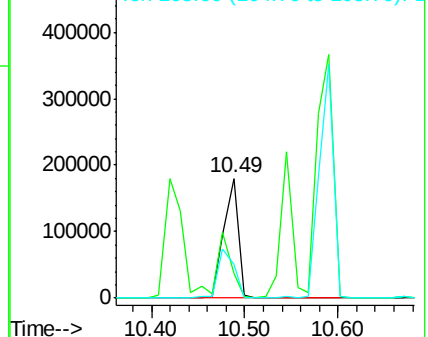
105 28.3 26.4 66.4

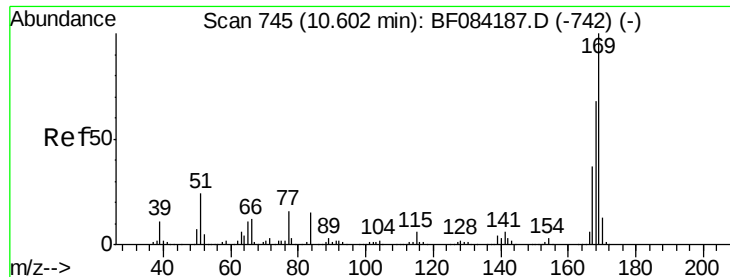


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.97 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

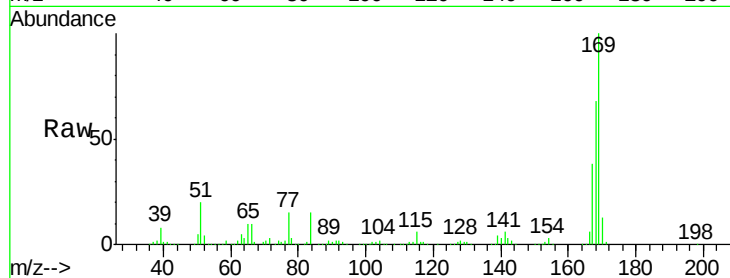
Tgt Ion:169 Resp: 1075096

Ion Ratio Lower Upper

169 100

168 68.1 55.1 82.7

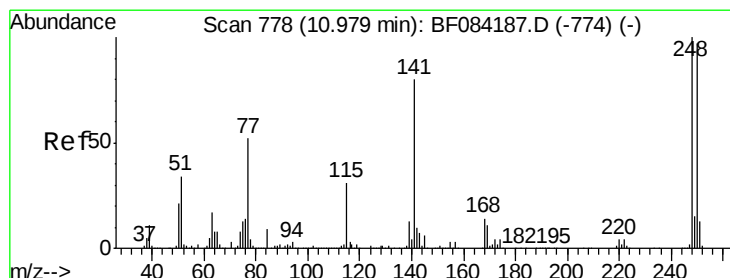
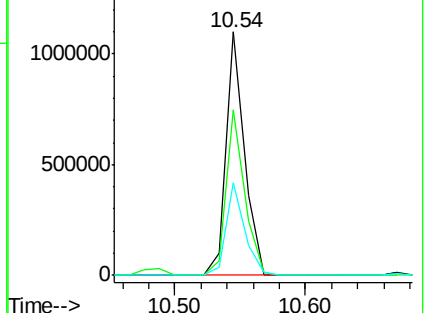
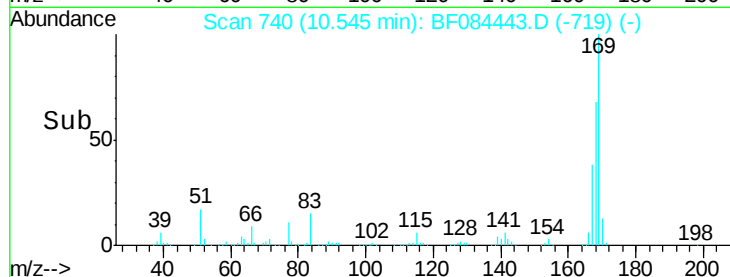
167 37.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.19 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

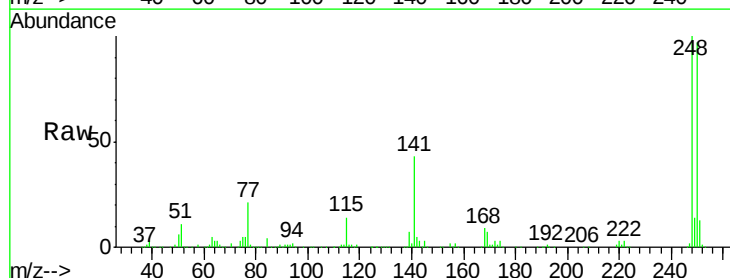
Tgt Ion:248 Resp: 402223

Ion Ratio Lower Upper

248 100

250 97.4 78.4 117.6

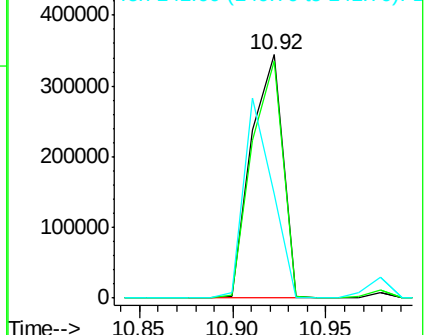
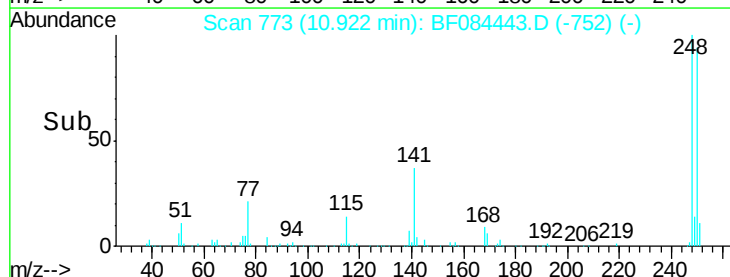
141 42.6 44.0 66.0#

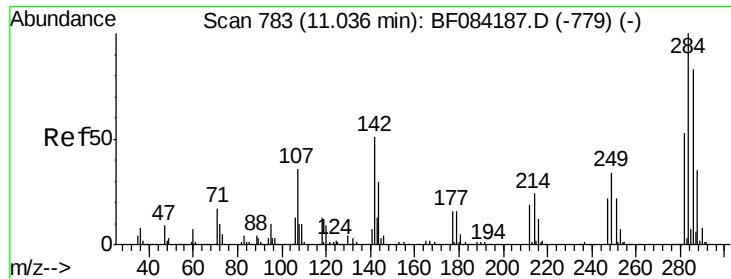


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

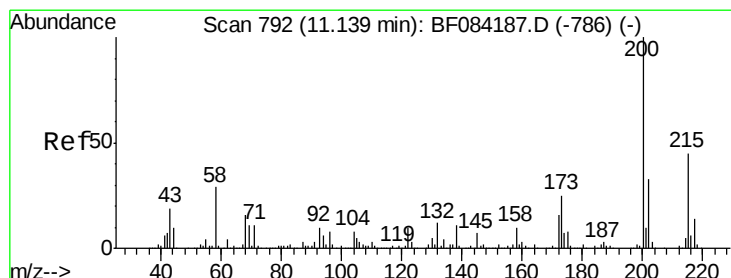
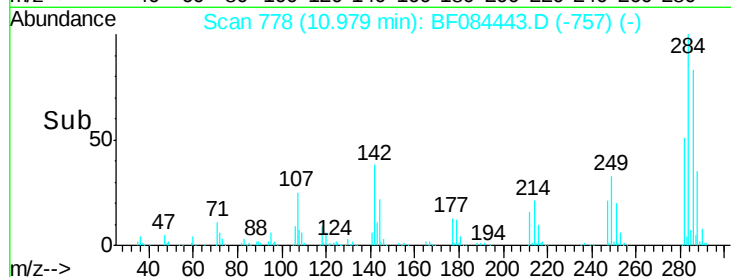
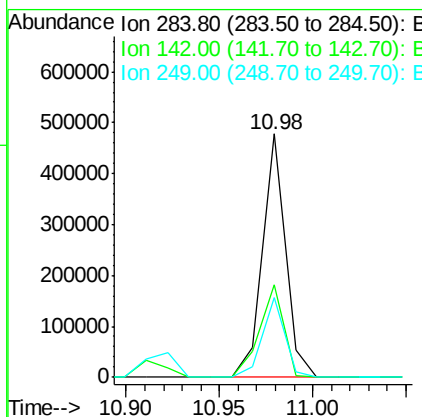
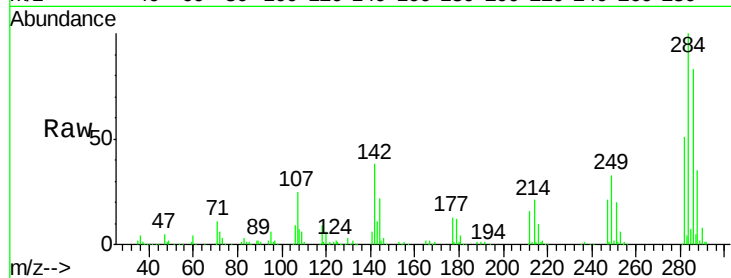




#67
Hexachlorobenzene
Concen: 37.70 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

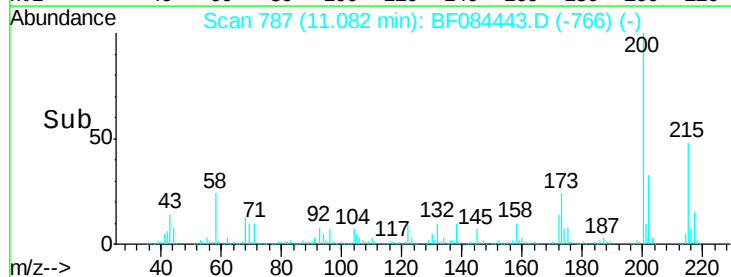
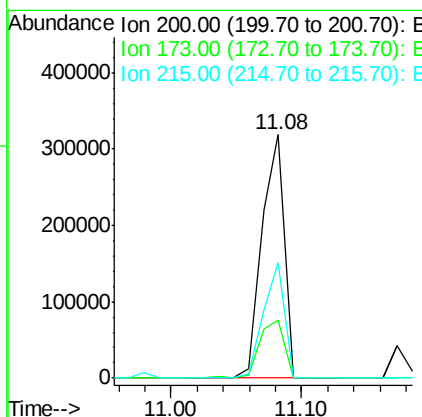
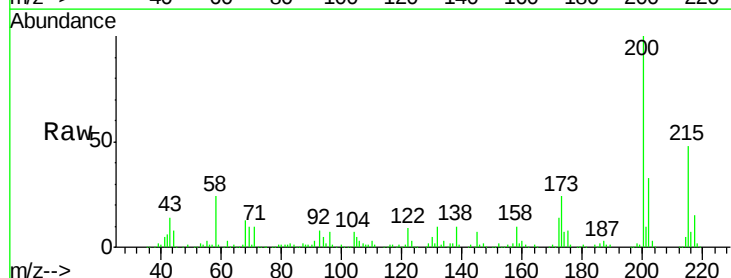
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 404522
Ion Ratio Lower Upper
284 100
142 37.9 22.2 33.4#
249 32.9 24.6 37.0



#68
Atrazine
Concen: 40.98 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion:200 Resp: 379769
Ion Ratio Lower Upper
200 100
173 24.1 9.5 49.5
215 47.6 23.8 63.8





#69

Pentachlorophenol

Concen: 32.50 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

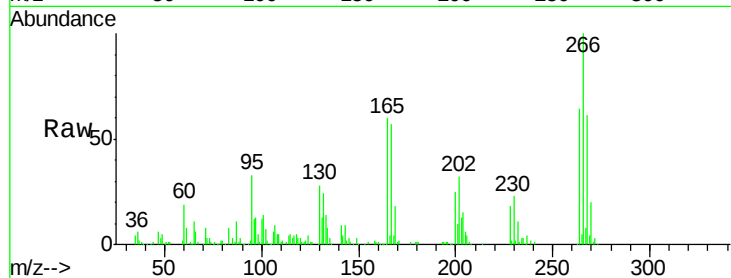
Tgt Ion:266 Resp: 180799

Ion Ratio Lower Upper

266 100

268 61.3 52.4 78.6

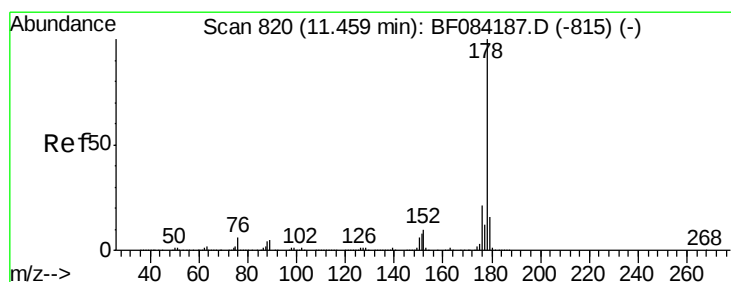
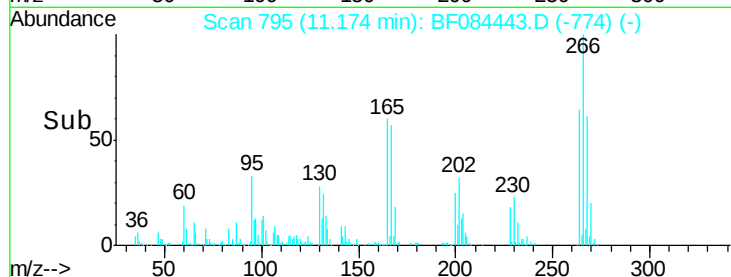
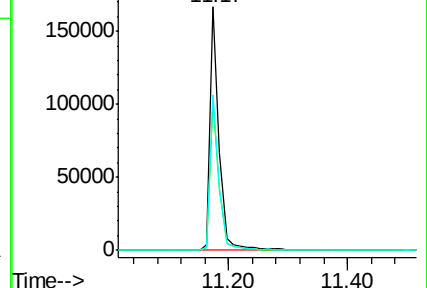
264 63.6 50.2 75.2



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: 37.68 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

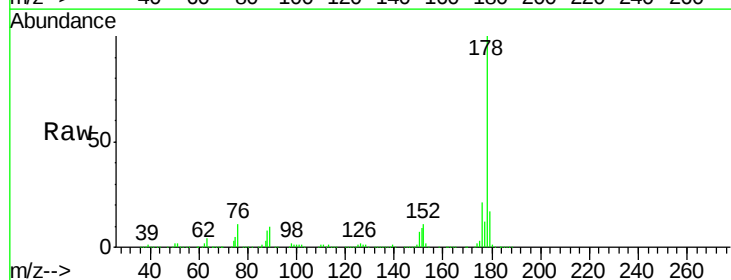
Tgt Ion:178 Resp: 1745717

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

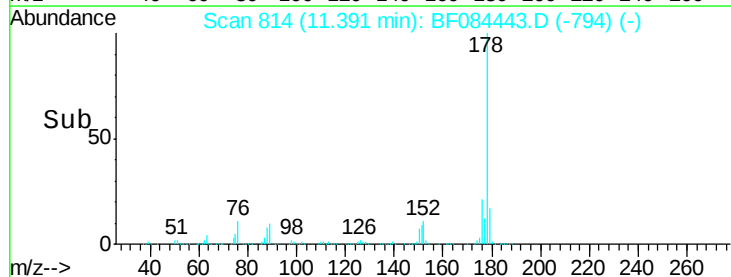
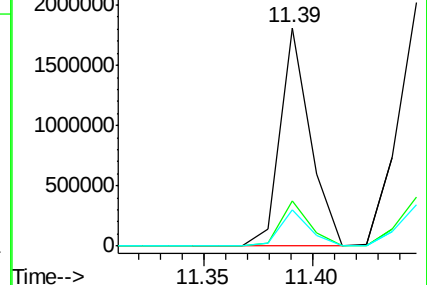
179 16.6 12.0 18.0

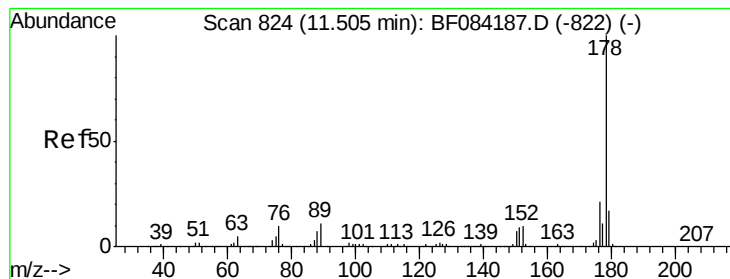


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.74 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

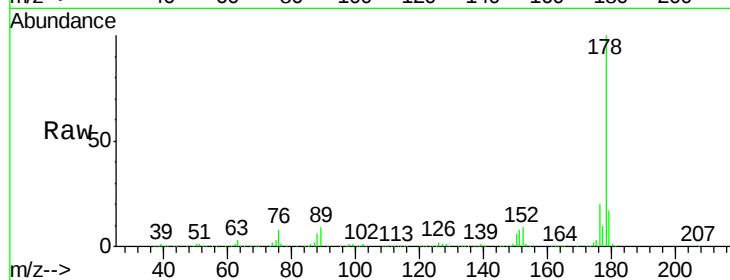
Tgt Ion:178 Resp: 1941143

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.0

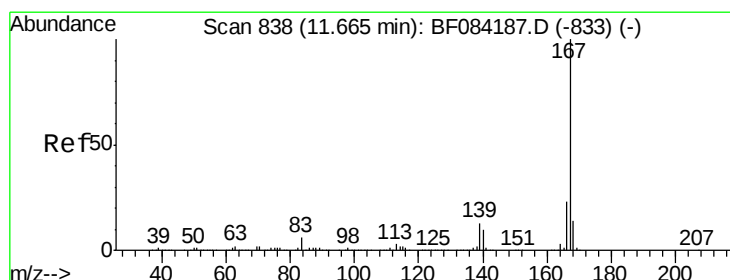
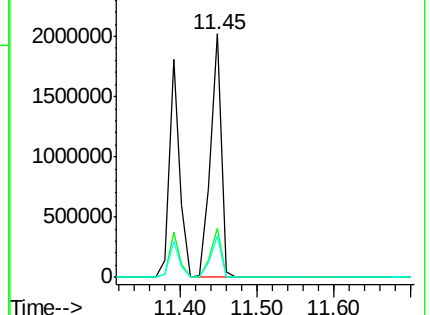
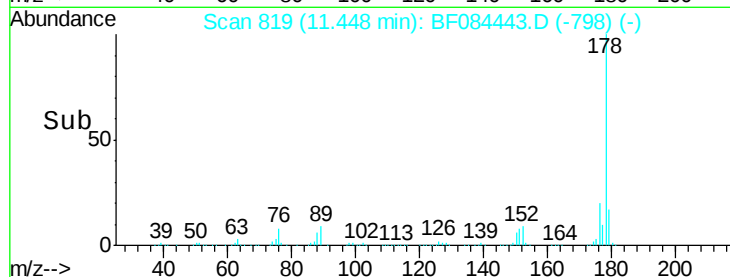
179 16.9 12.5 18.7



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: 37.94 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

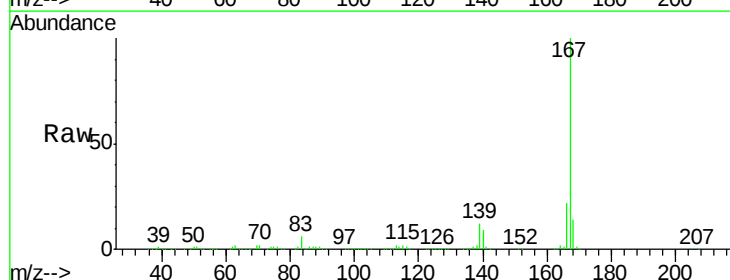
Tgt Ion:167 Resp: 1684438

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

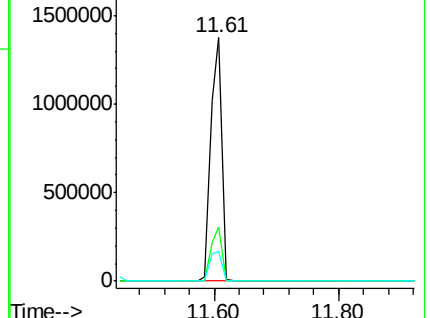
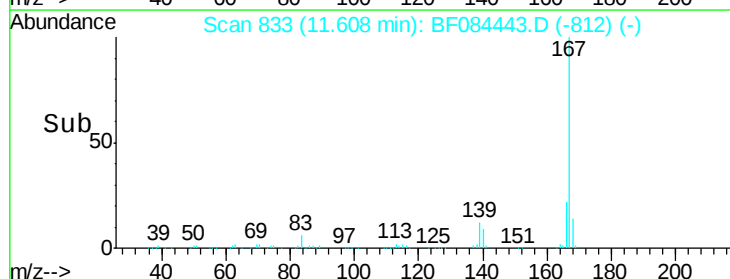
139 12.2 11.8 17.8

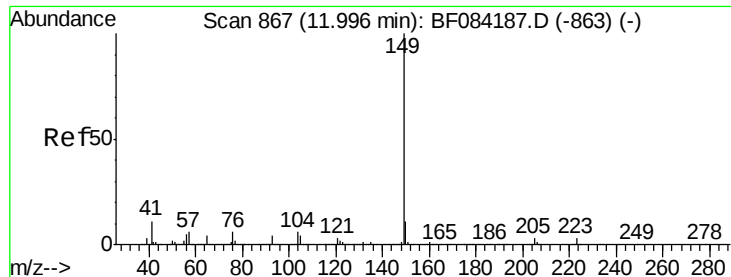


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.69 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

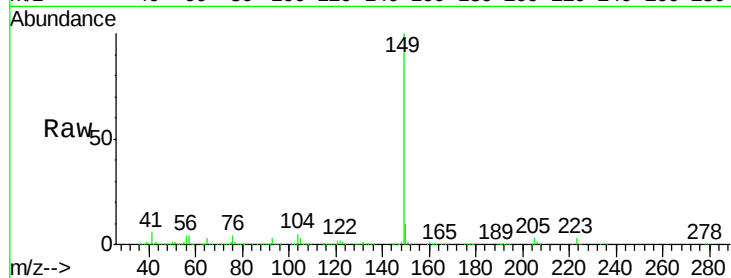
Tgt Ion:149 Resp: 2077054

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

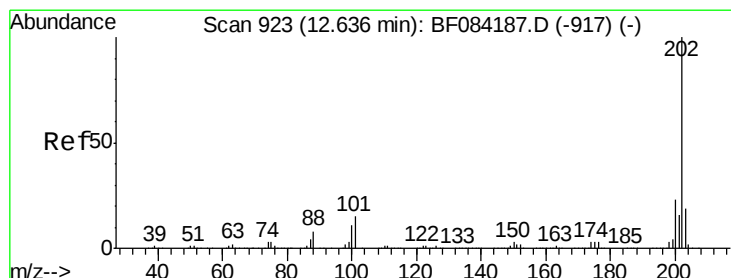
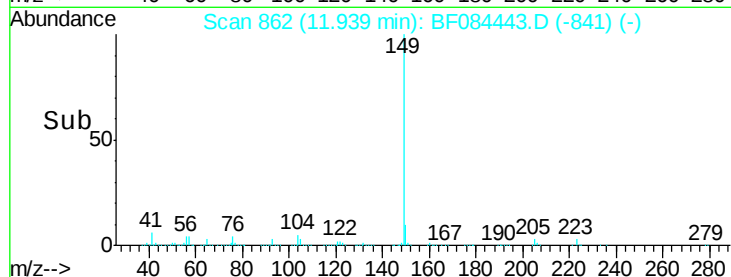
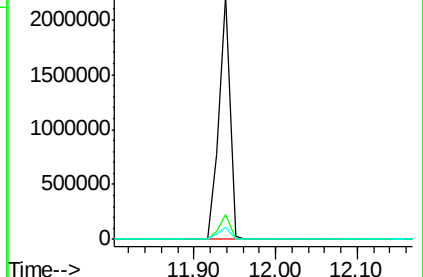
104 4.9 3.2 4.8#



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: 34.01 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

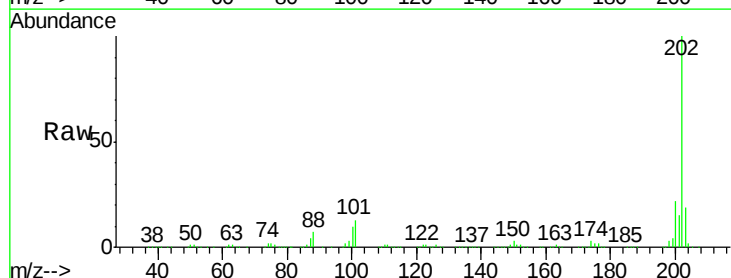
Tgt Ion:202 Resp: 1646155

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

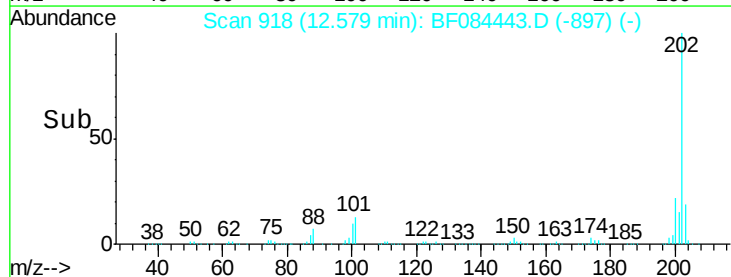
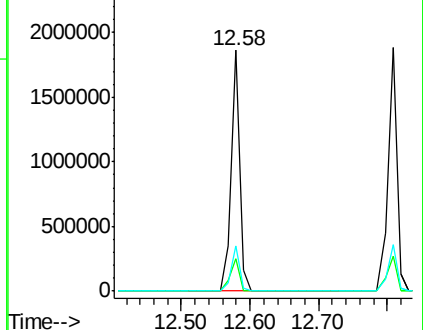
203 18.6 0.0 37.9

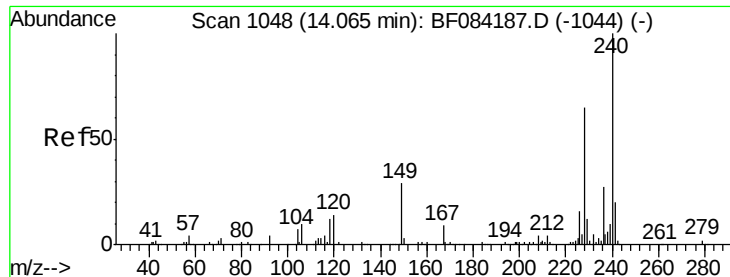


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

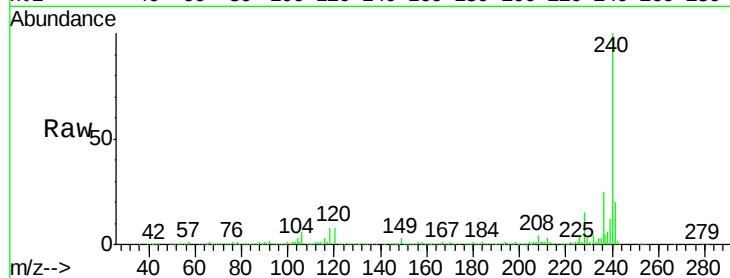
Tgt Ion:240 Resp: 557046

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

236 25.4 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

14.01

800000

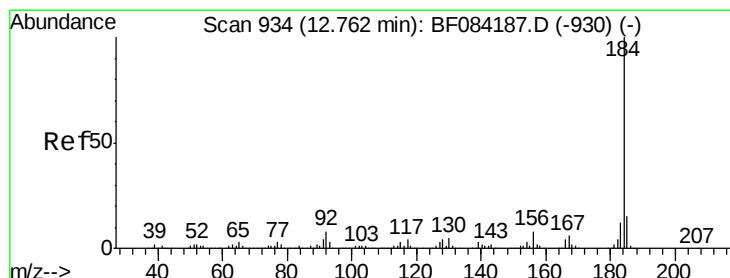
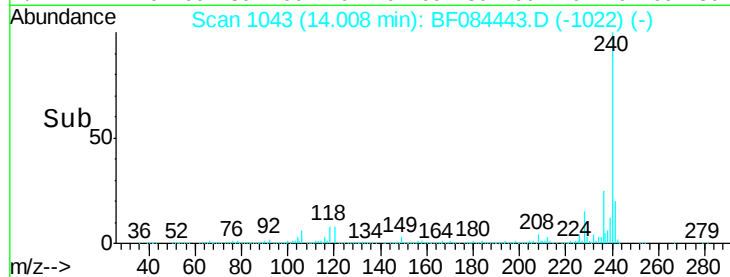
600000

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#76

Benzidine

Concen: 36.66 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

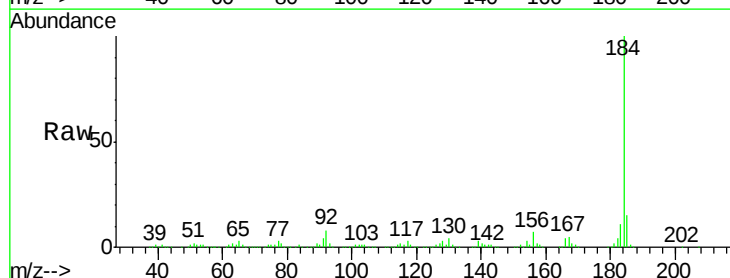
Tgt Ion:184 Resp: 732138

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

183 11.5 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

12.71

1000000

800000

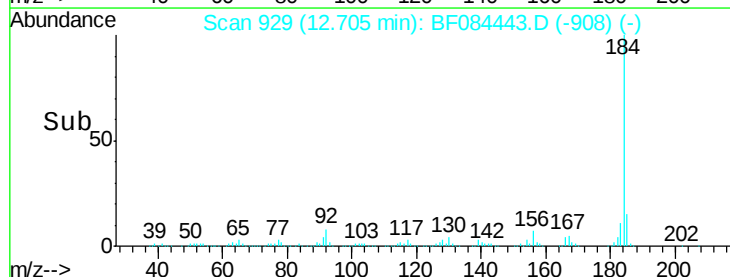
600000

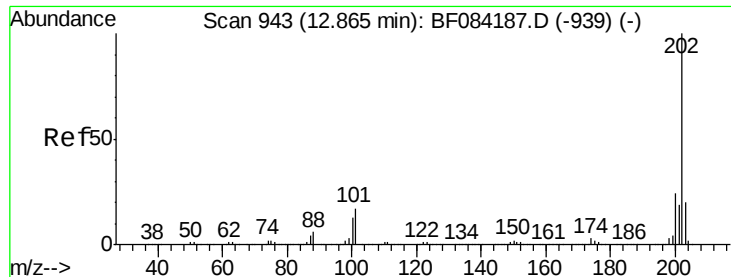
400000

200000

0

Time--> 12.60 12.80 13.00

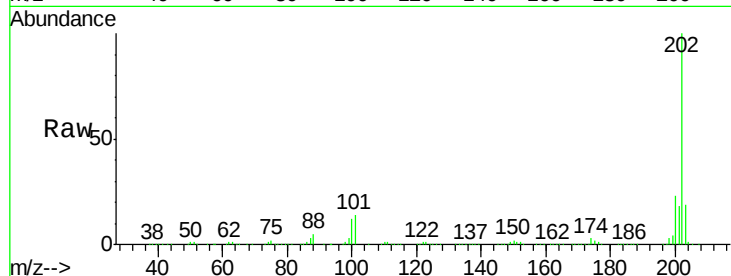




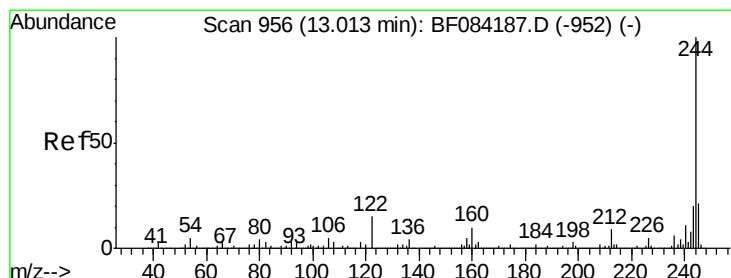
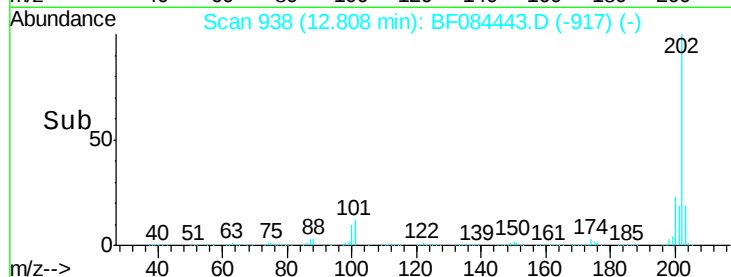
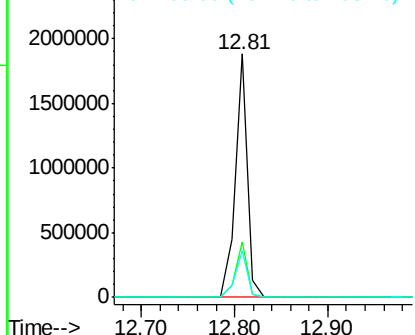
#77
 Pyrene
 Concen: 39.01 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 1705328
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.2 25.8
 203 18.9 14.3 21.5

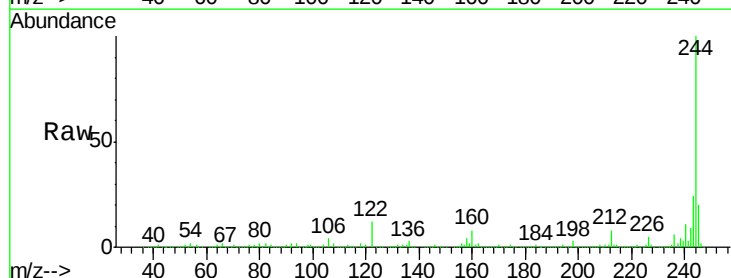


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

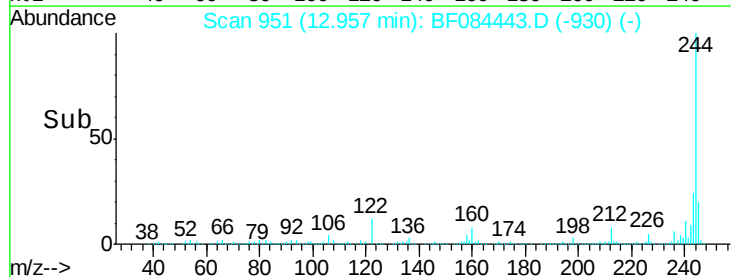
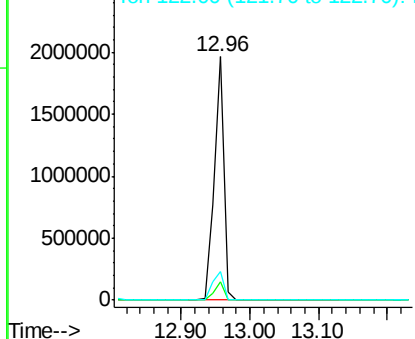


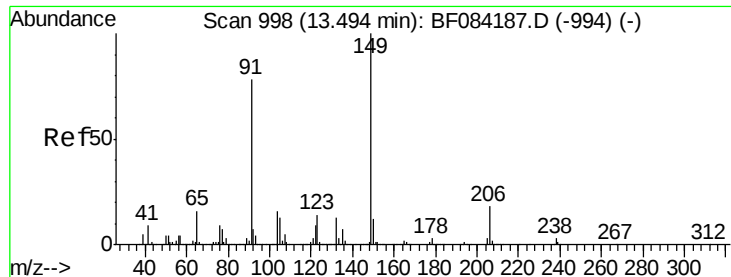
#78
 Terphenyl-d14
 Concen: 77.65 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion:244 Resp: 1937711
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 11.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.55 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

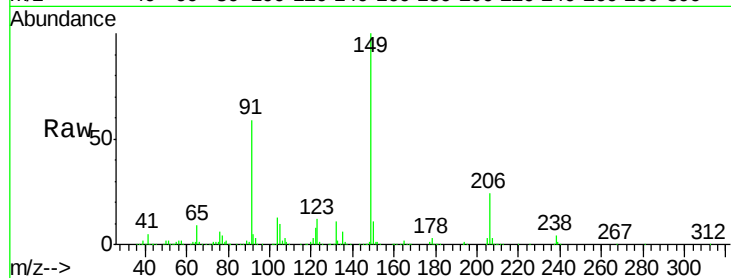
Tgt Ion:149 Resp: 710359

Ion Ratio Lower Upper

149 100

91 58.6 57.6 86.4

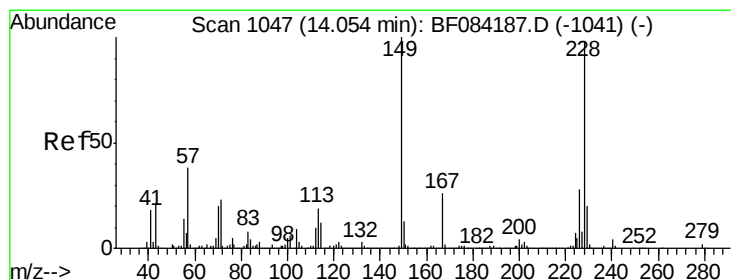
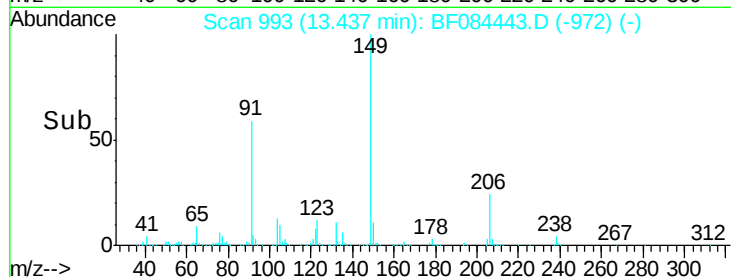
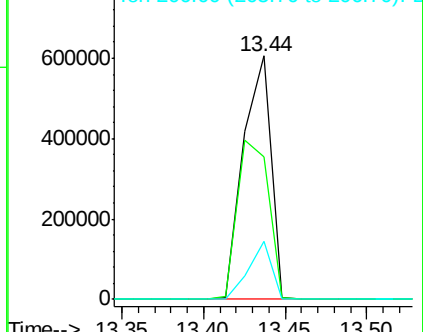
206 24.0 13.2 19.8#



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: 36.24 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

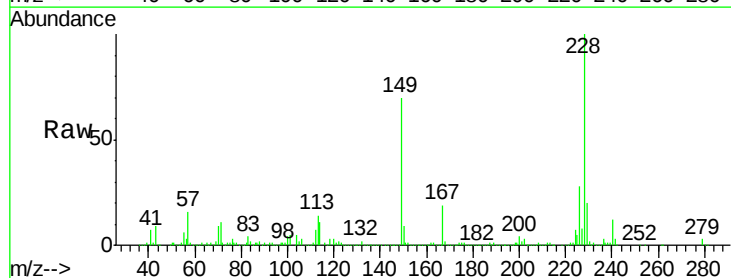
Tgt Ion:228 Resp: 1185410

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

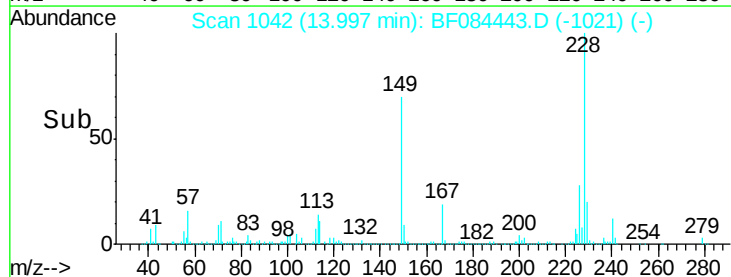
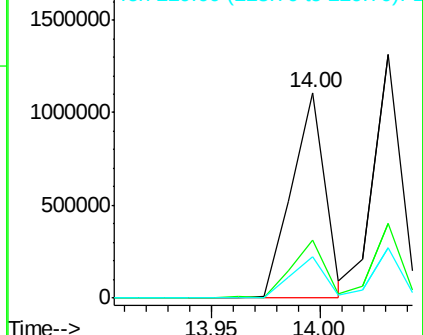
229 20.0 15.8 23.8

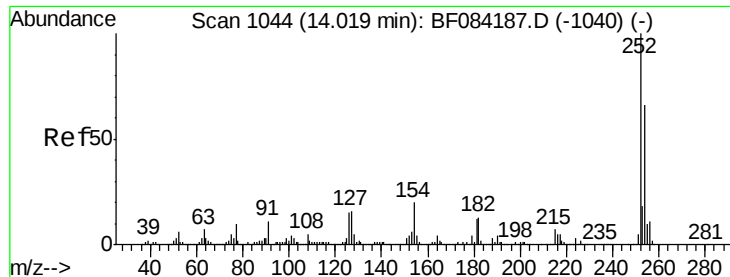


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

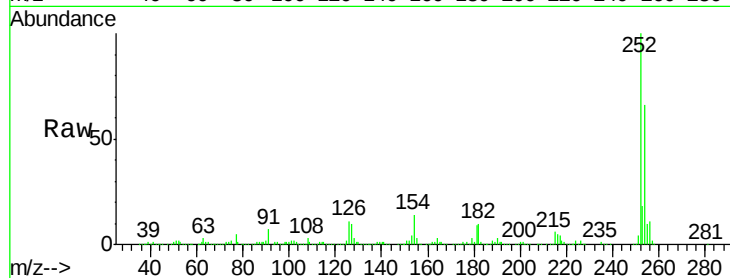




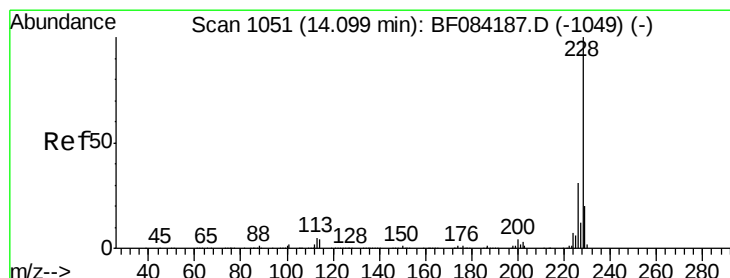
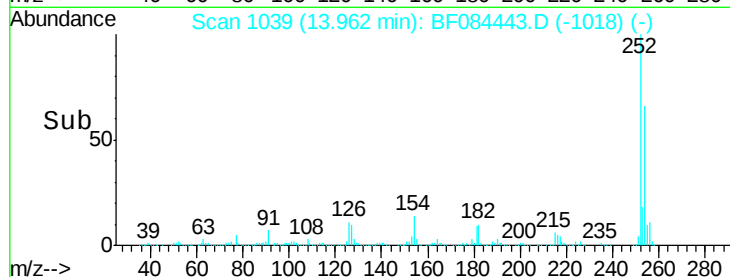
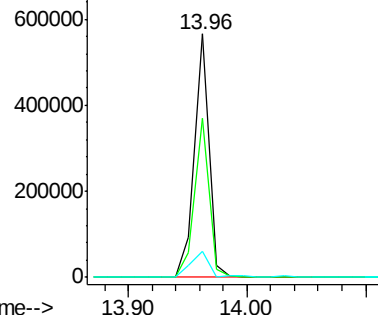
#81
 3,3'-Dichlorobenzidine
 Concen: 41.92 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:252 Resp: 478577
 Ion Ratio Lower Upper
 252 100
 254 65.6 53.5 80.3
 126 10.9 4.9 7.3#

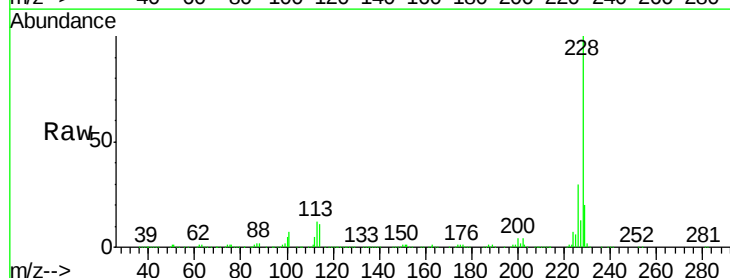


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

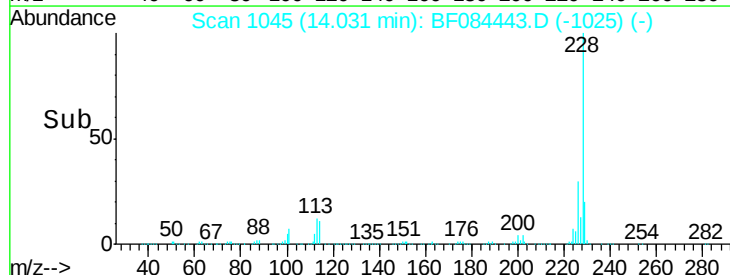
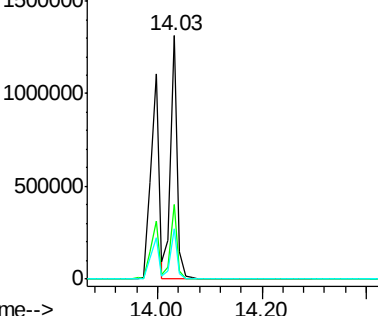


#82
 Chrysene
 Concen: 37.42 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion:228 Resp: 1176087
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.5 16.1 24.1



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

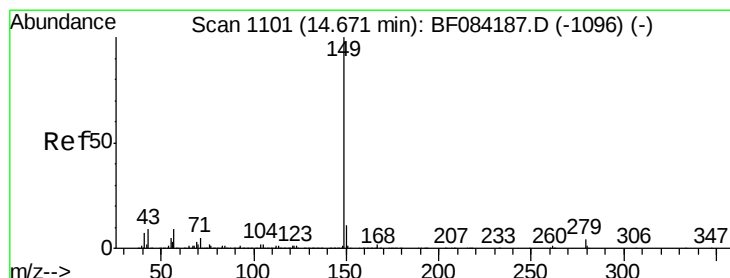
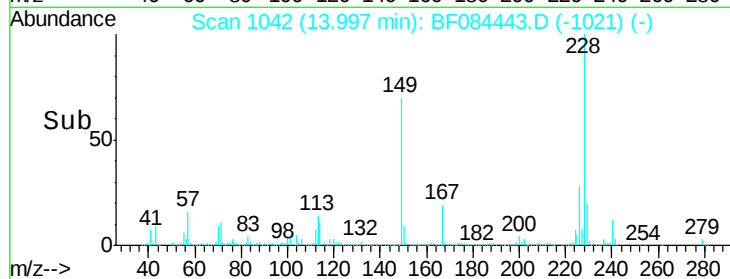
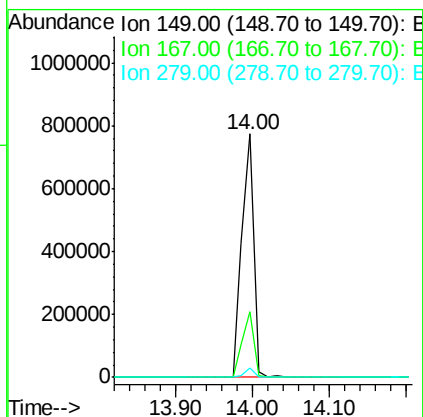
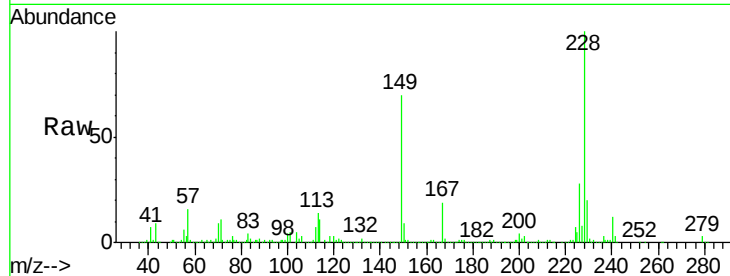




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.51 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

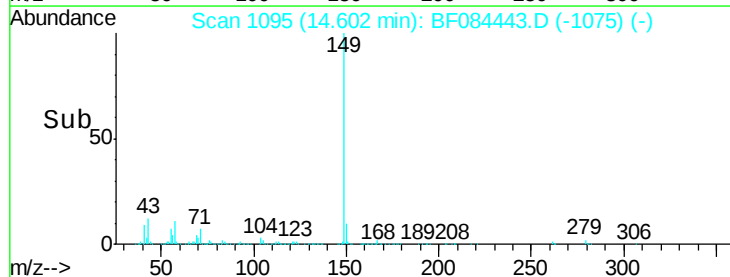
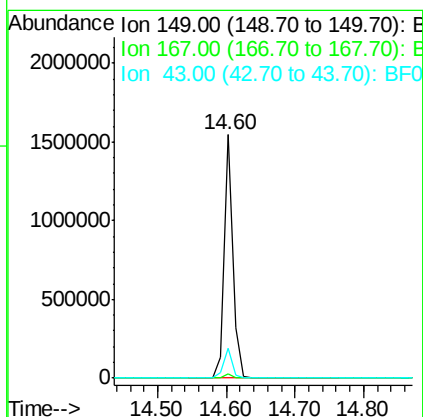
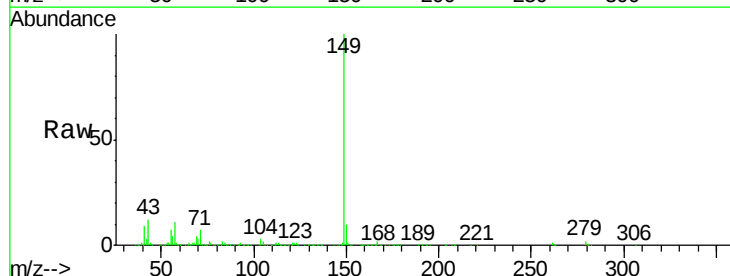
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 848618
 Ion Ratio Lower Upper
 149 100
 167 27.2 19.7 29.5
 279 3.8 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 34.51 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.07 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion:149 Resp: 1392233
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.9 5.6 8.4#

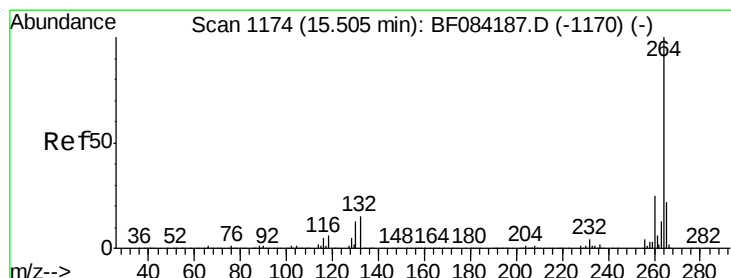
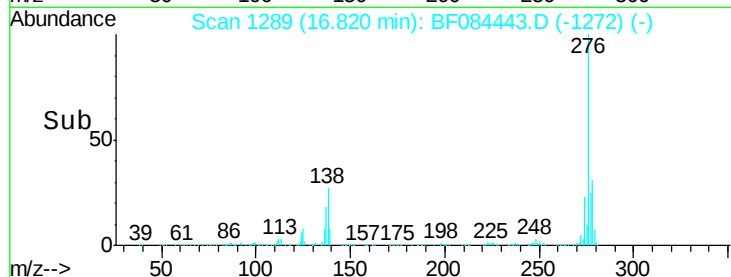
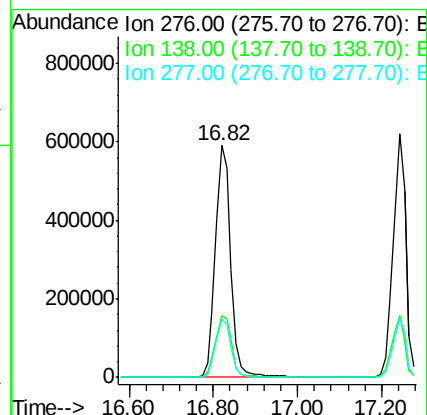
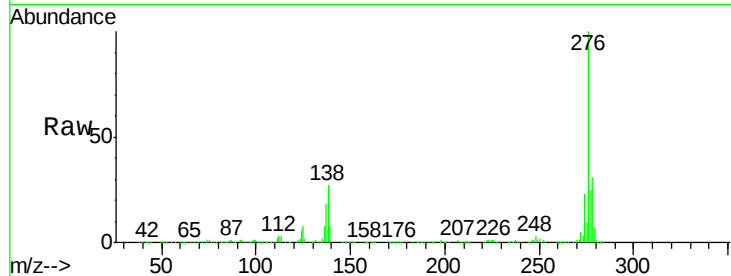




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.51 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.10 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

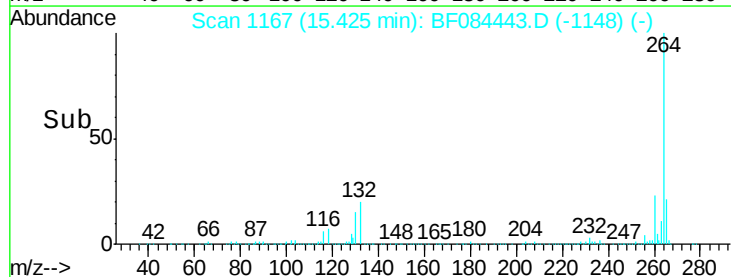
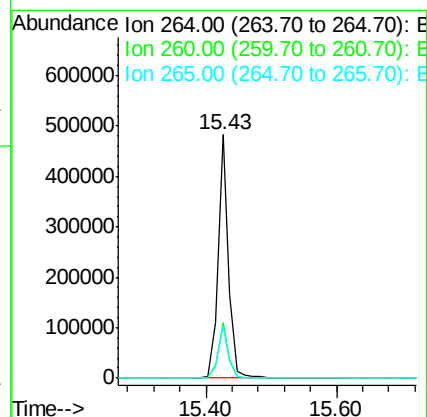
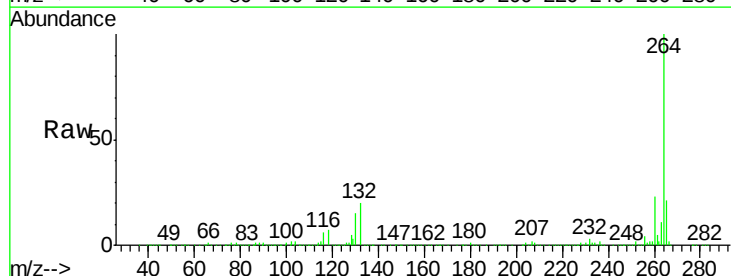
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

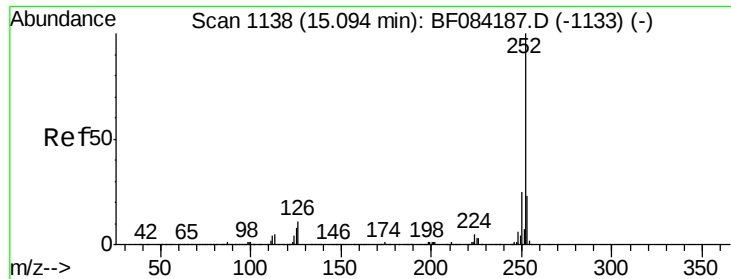
Tgt Ion: 276 Resp: 1507481
 Ion Ratio Lower Upper
 276 100
 138 28.7 20.6 30.8
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084443.D
 Acq: 13 Jan 2016 7:01

Tgt Ion: 264 Resp: 544911
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.4 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 64.95 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

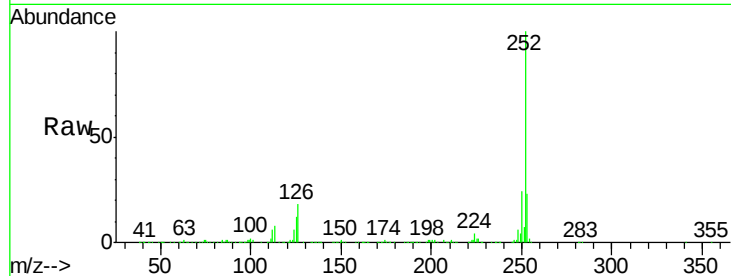
Tgt Ion:252 Resp: 2315184

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

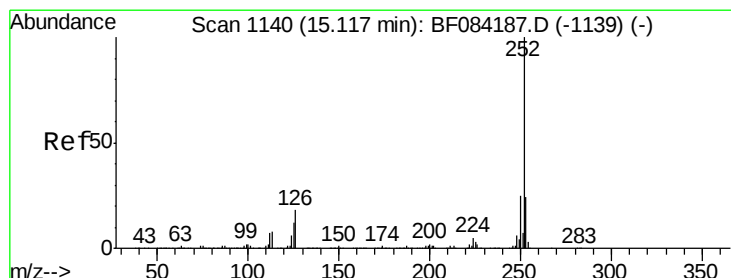
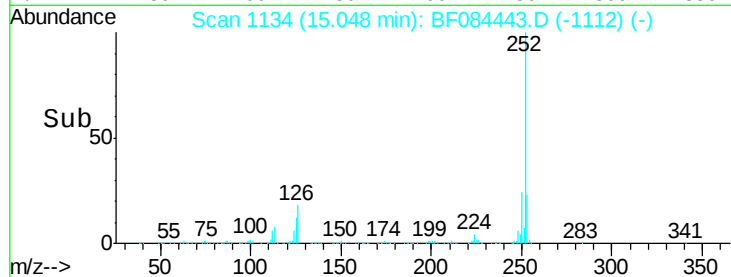
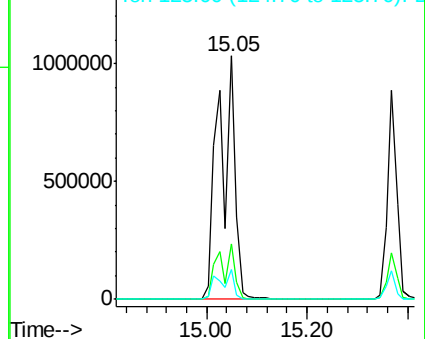
125 12.2 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.46 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.07 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

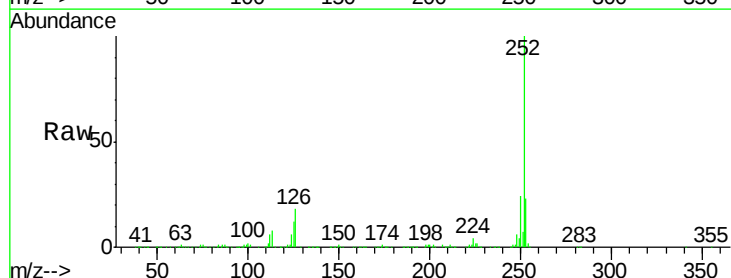
Tgt Ion:252 Resp: 2316462

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

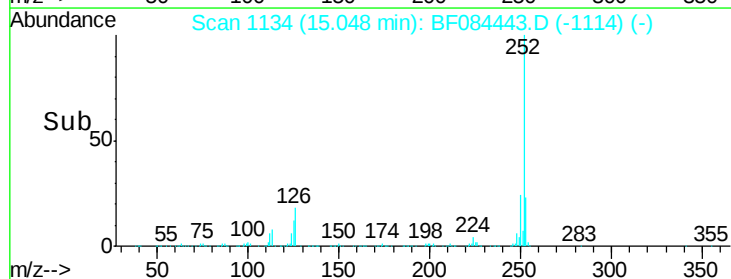
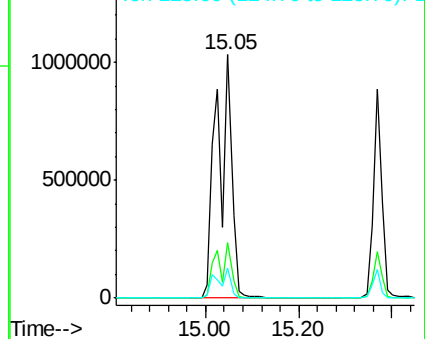
125 12.2 9.0 13.6

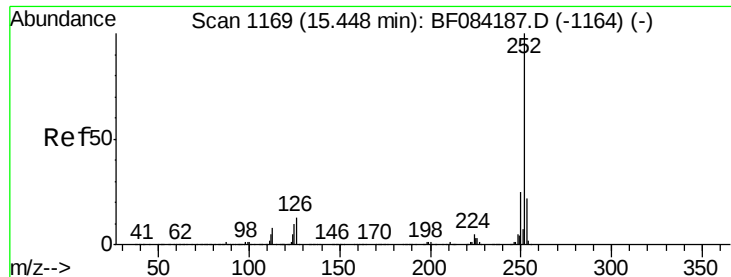


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

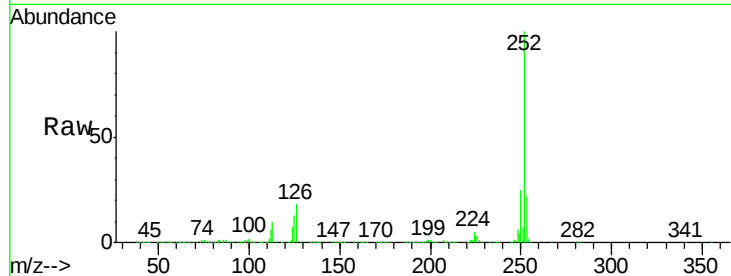




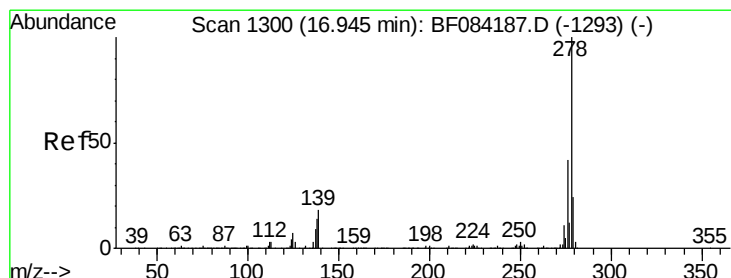
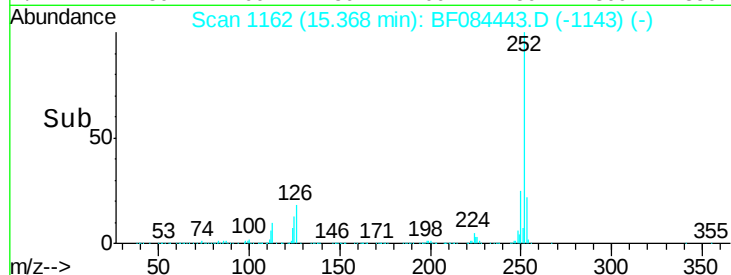
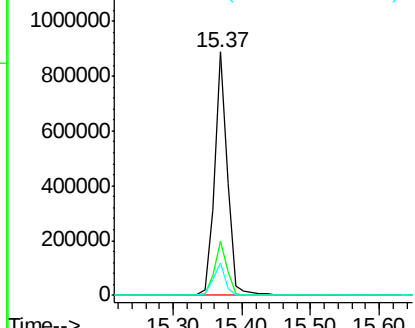
#89
Benzo(a)pyrene
Concen: 38.55 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 1165541
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 13.4 7.0 10.4#

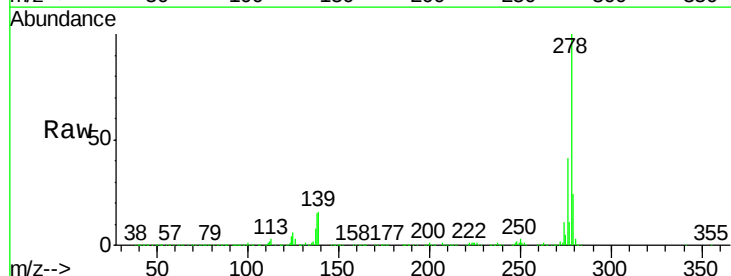


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

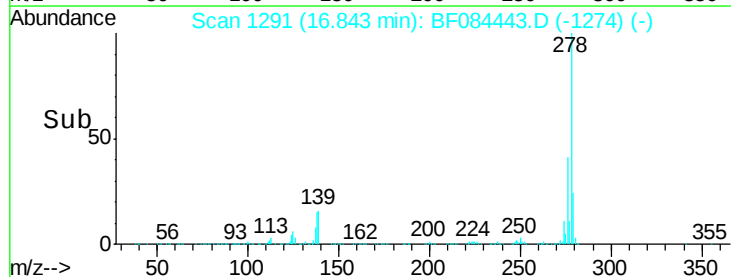
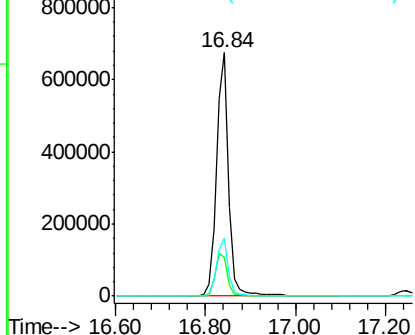


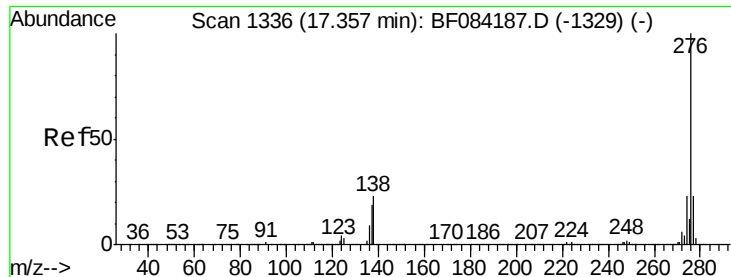
#90
Dibenzo(a,h)anthracene
Concen: 48.18 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084443.D
Acq: 13 Jan 2016 7:01

Tgt Ion:278 Resp: 1253520
Ion Ratio Lower Upper
278 100
139 16.2 15.0 22.4
279 24.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.24 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.11 min

Lab File: BF084443.D

Acq: 13 Jan 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

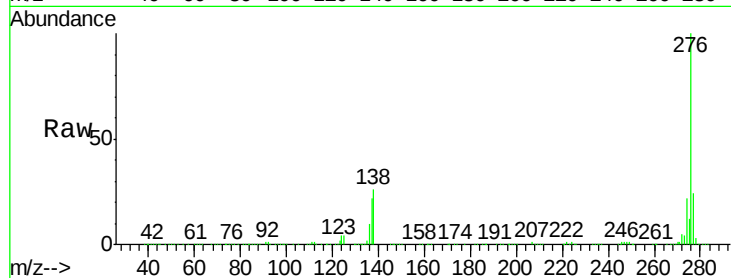
Tgt Ion:276 Resp: 1326754

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 25.6 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

