

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084504.D
 Acq On : 15 Jan 2016 21:26
 Operator : SJ/UM
 Sample : H1147-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:36:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267168	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	1027338	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	511425	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	822618	20.00	ng	0.01
75) Chrysene-d12	13.99	240	486513	20.00	ng	0.00
86) Perylene-d12	15.40	264	546006	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1212833	73.43	ng	0.01
7) Phenol-d6	6.49	99	949569	45.77	ng	0.02
23) Nitrobenzene-d5	7.40	82	1589240	86.10	ng	0.01
41) 2,4,6-Tribromophenol	10.67	330	702651	136.09	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	2766399	95.97	ng	0.00
78) Terphenyl-d14	12.93	244	2133872	97.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	152196	19.45	ng	# 77
3) Pyridine	3.20	79	243601	11.17	ng	# 75
4) n-Nitrosodimethylamine	3.10	42	207286	18.51	ng	# 93
6) Aniline	6.50	93	453003	14.93	ng	# 72
8) 2-Chlorophenol	6.62	128	729007	38.90	ng	92
9) Benzaldehyde	6.36	77	1371222	101.51	ng	# 1
10) Phenol	6.50	94	351739	14.91	ng	# 70
11) bis(2-Chloroethyl)ether	6.59	93	1002603	54.87	ng	88
12) 1,3-Dichlorobenzene	6.85	146	931780	48.20	ng	99
13) 1,4-Dichlorobenzene	6.85	146	931780	48.06	ng	94
14) 1,2-Dichlorobenzene	7.00	146	775063	41.75	ng	96
15) Benzyl Alcohol	6.98	79	476271	27.29	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1135925	34.14	ng	# 41
17) 2-Methylphenol	7.10	107	458757	29.21	ng	# 46
18) Hexachloroethane	7.37	117	1731476	223.35	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	612007	43.58	ng	# 73
20) 3+4-Methylphenols	7.25	107	548468	29.71	ng	# 80
22) Acetophenone	7.23	105	3541210	143.35	ng	# 58
24) Nitrobenzene	7.42	77	1123307	60.00	ng	93
25) Isophorone	7.66	82	1697594	48.09	ng	# 92
26) 2-Nitrophenol	7.73	139	489211	57.41	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	686251	39.79	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	1110934	51.52	ng	95
29) 2,4-Dichlorophenol	7.98	162	678707	47.24	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	729742	49.20	ng	97
31) Naphthalene	8.13	128	3114933	66.83	ng	97
32) Benzoic acid	7.92	122	172236	19.75	ng	# 86
33) 4-Chloroaniline	8.19	127	282376	13.21	ng	94
34) Hexachlorobutadiene	8.26	225	429423	50.37	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	710128	44.13	ng	99
37) 2-Methylnaphthalene	8.83	142	1772757	52.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	613613	41.73	ng	98
40) Hexachlorocyclopentadiene	8.98	237	481825	54.29	ng	97
42) 2,4,6-Trichlorophenol	9.12	196	495744	45.07	ng	94

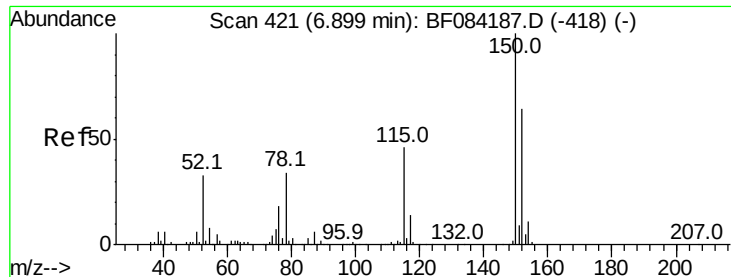
Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
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Quant Time: Jan 16 01:36:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	450056	42.68	nq	# 89
45) 1,1'-Biphenyl	9.30	154	1968338	48.43	nq	97
46) 2-Chloronaphthalene	9.32	162	1510374	47.31	nq	# 88
47) 2-Nitroaniline	9.41	65	546388	51.85	nq	98
48) Acenaphthylene	9.73	152	2097494	44.47	nq	95
49) Dimethylphthalate	9.61	163	1819517	49.77	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	432127	53.89	nq	# 82
51) Acenaphthene	9.90	154	1580830	49.96	nq	98
52) 3-Nitroaniline	9.82	138	189115	19.03	nq	99
53) 2,4-Dinitrophenol	9.94	184	359082	104.00	nq	89
54) Dibenzofuran	10.08	168	1814237	44.22	nq	91
55) 4-Nitrophenol	10.01	139	211820	29.37	nq	# 77
56) 2,4-Dinitrotoluene	10.06	165	491465	48.42	nq	93
57) Fluorene	10.42	166	1427228	45.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	426570	47.38	nq	87
59) Diethylphthalate	10.30	149	1746152	48.44	nq	95
60) 4-Chlorophenyl-phenylether	10.41	204	665395	50.78	nq	90
61) 4-Nitroaniline	10.44	138	312312	35.26	nq	88
62) Azobenzene	10.57	77	1703456	43.08	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	240811	48.36	nq	78
65) n-Nitrosodiphenylamine	10.53	169	1304216	49.59	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	434429	49.07	nq	# 81
67) Hexachlorobenzene	10.97	284	501339	50.31	nq	99
68) Atrazine	11.07	200	412165	47.89	nq	97
69) Pentachlorophenol	11.16	266	452311	87.53	nq	97
70) Phenanthrene	11.38	178	2100014	48.80	nq	95
71) Anthracene	11.42	178	2165871	51.35	nq	98
72) Carbazole	11.58	167	1736837	42.12	nq	99
73) Di-n-butylphthalate	11.92	149	2303237	55.75	nq	# 95
74) Fluoranthene	12.57	202	2047282	45.55	nq	94
77) Pyrene	12.78	202	1939817	50.81	nq	98
79) Butylbenzylphthalate	13.41	149	850218	51.46	nq	92
80) Benzo(a)anthracene	13.97	228	1471881	51.52	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	238928	23.96	nq	# 94
82) Chrysene	14.02	228	1499754	54.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1058439	50.71	nq	97
84) Di-n-octyl phthalate	14.59	149	1959852	55.62	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.80	276	1656378	76.12	nq	99
87) Benzo(b)fluoranthene	15.04	252	3059786	85.67	nq	97
88) Benzo(k)fluoranthene	15.04	252	3062098	104.83	nq	# 96
89) Benzo(a)pyrene	15.35	252	1504341	49.66	nq	# 94
90) Dibenzo(a,h)anthracene	16.81	278	1358946	52.13	nq	98
91) Benzo(g,h,i)perylene	17.21	276	1345481	49.84	nq	97

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

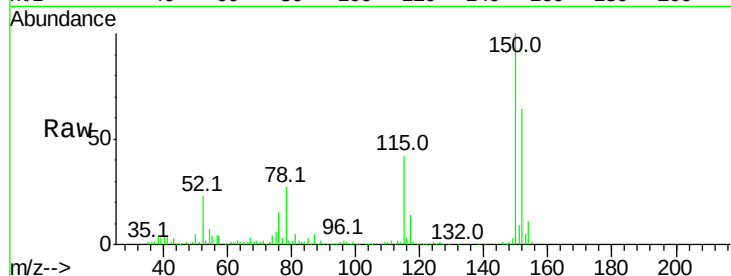


#1

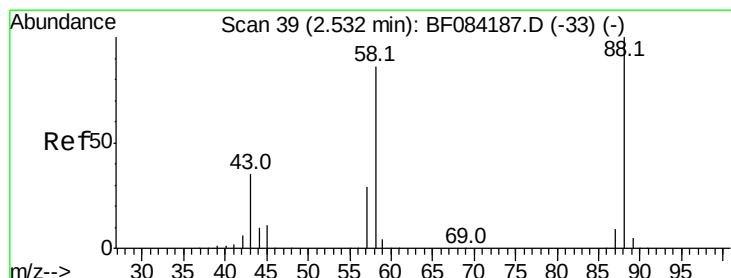
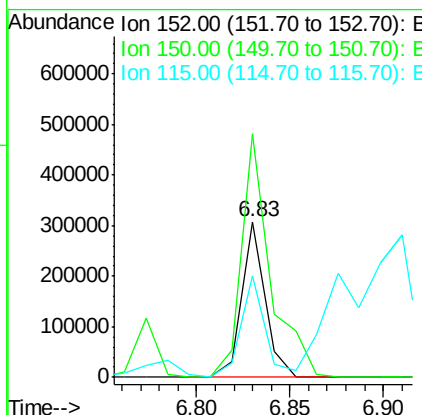
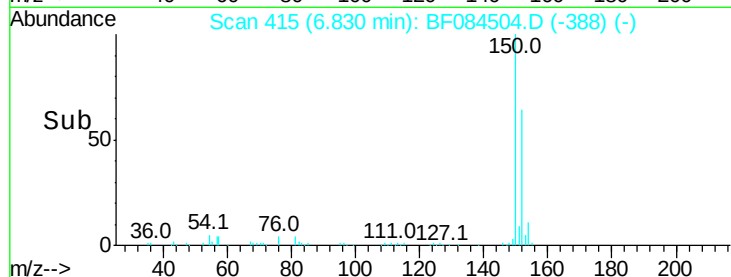
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 267168
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.4
115 65.7 51.4 77.2



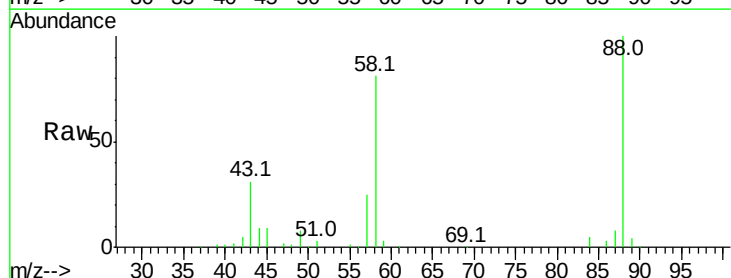
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



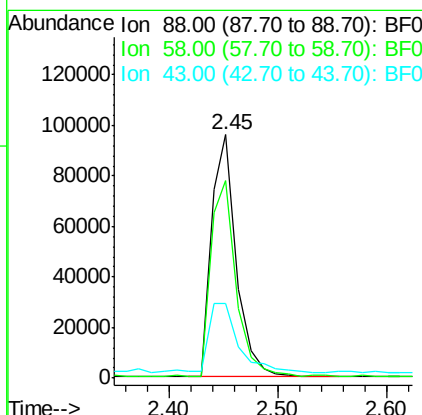
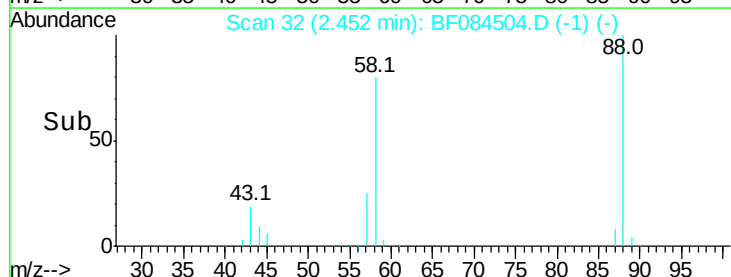
#2

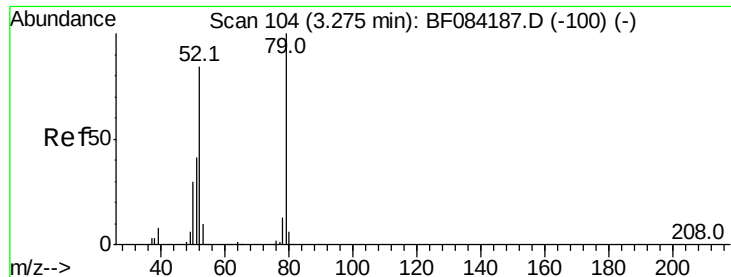
1,4-Dioxane
Concen: 19.45 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.07 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion: 88 Resp: 152196
Ion Ratio Lower Upper
88 100
58 83.0 51.2 76.8#
43 33.5 19.5 29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.17 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

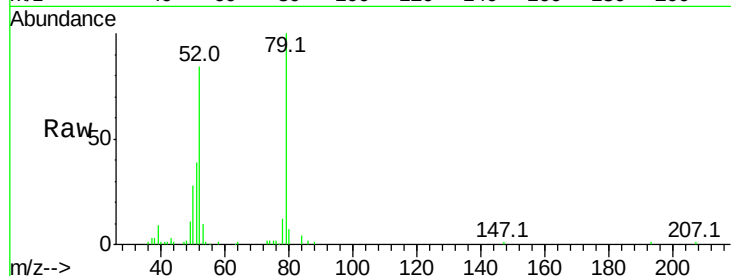
Tot Ion: 79 Resp: 243601

Ion Ratio Lower Upper

79 100

52 84.1 49.0 73.4#

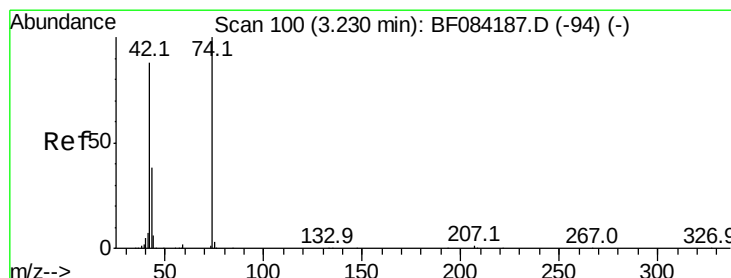
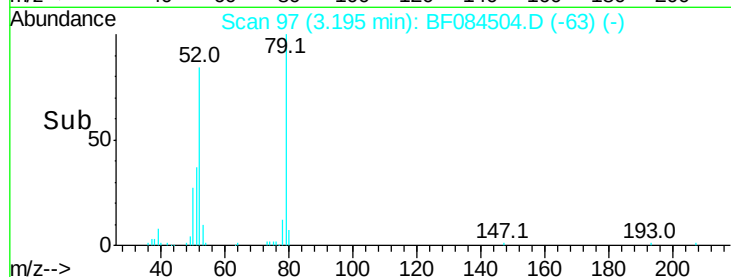
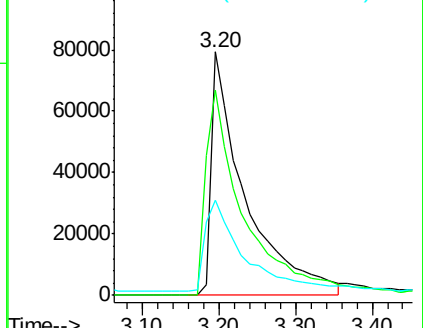
51 39.3 25.2 37.8#



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: 18.51 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.05 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

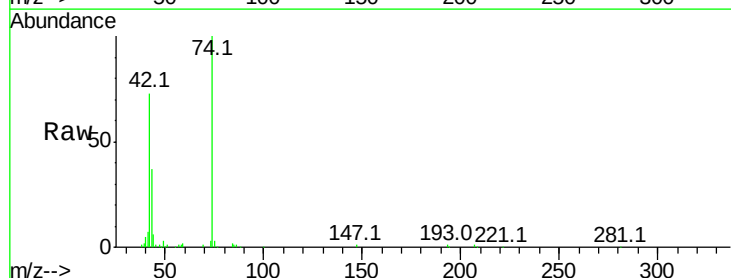
Tgt Ion: 42 Resp: 207286

Ion Ratio Lower Upper

42 100

74 136.2 115.7 173.5

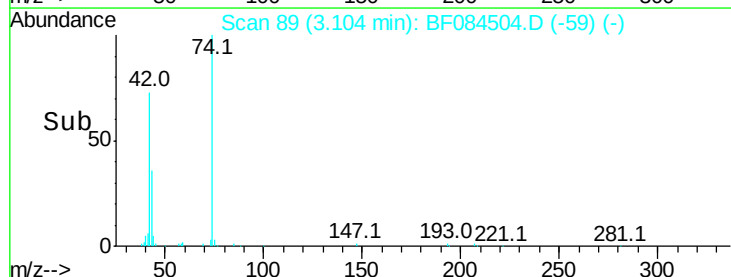
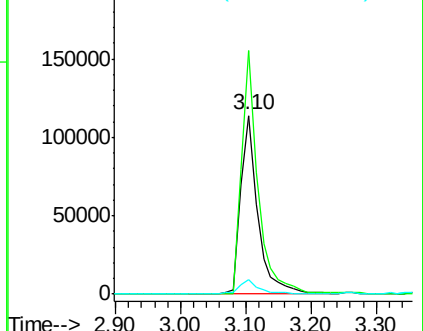
44 7.8 5.1 7.7#

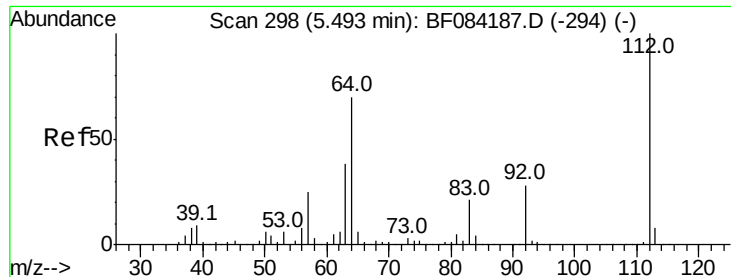


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.43 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

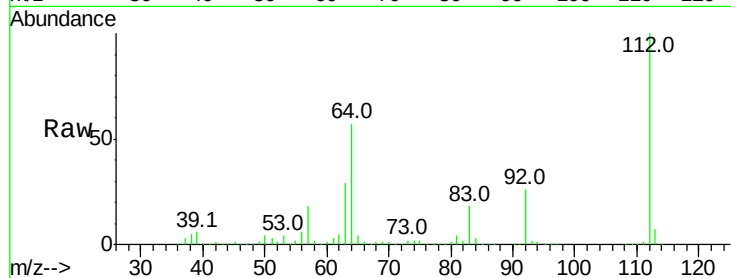
Tot Ion:112 Resp: 1212833

Ion Ratio Lower Upper

112 100

64 56.5 36.6 55.0#

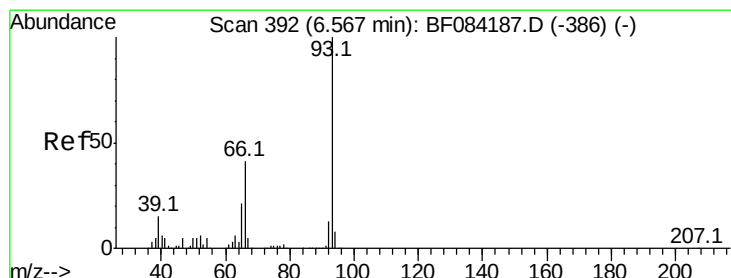
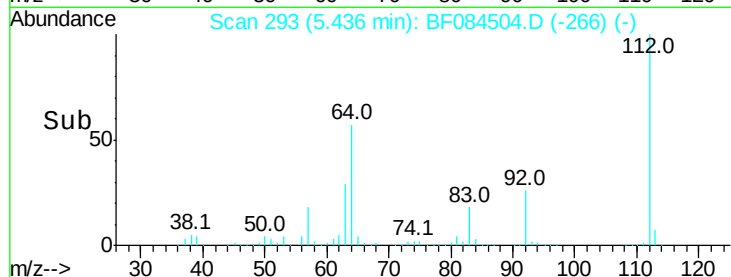
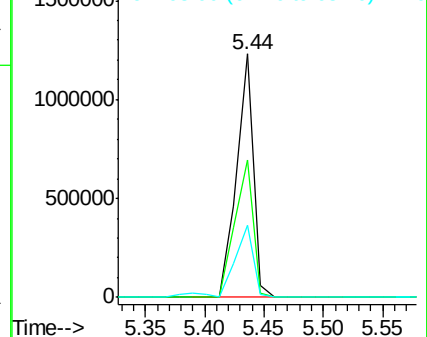
63 29.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.93 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

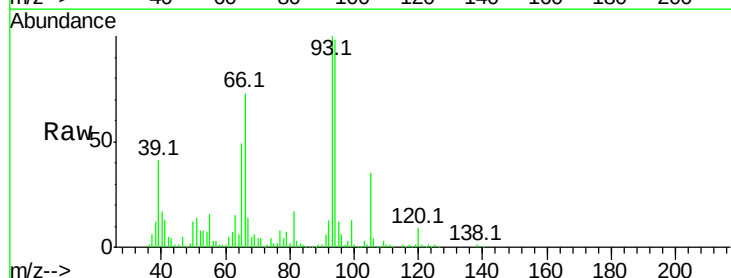
Tgt Ion: 93 Resp: 453003

Ion Ratio Lower Upper

93 100

66 73.1 44.9 67.3#

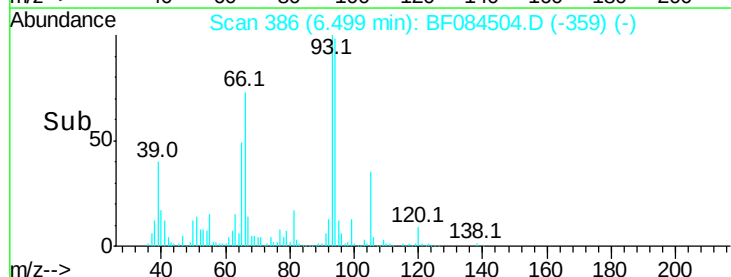
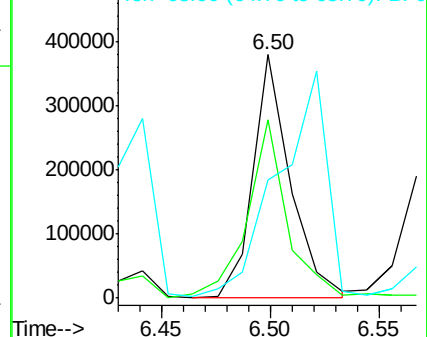
65 48.8 23.7 35.5#

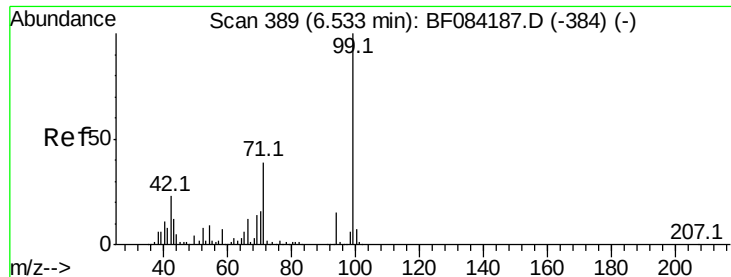


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 45.77 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampled :

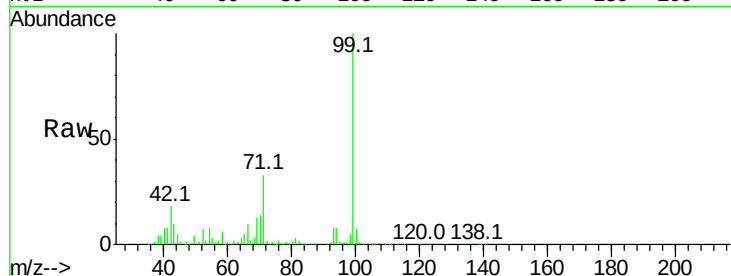
Tot Ion: 99 Resp: 949569

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

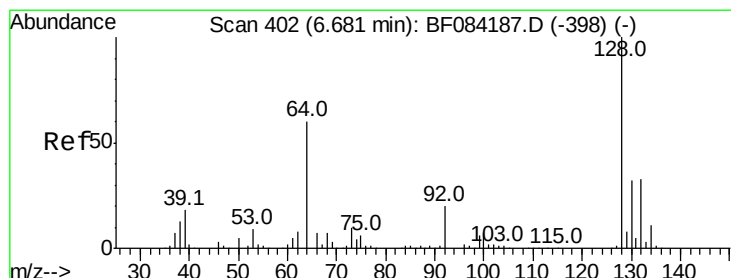
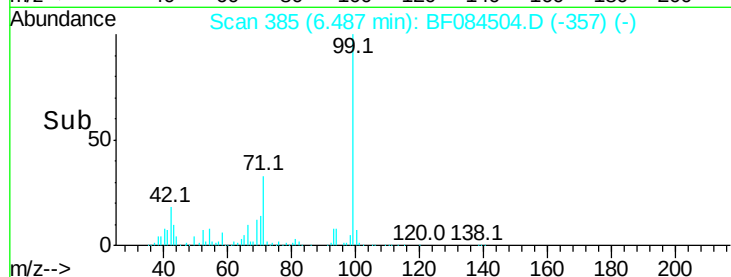
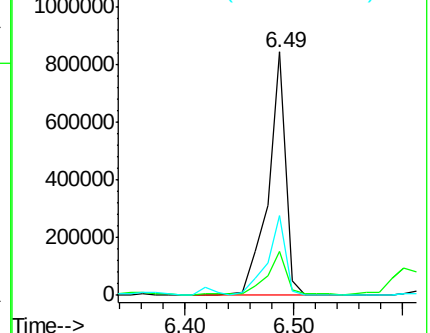
71 33.0 30.9 46.3



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: 38.90 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

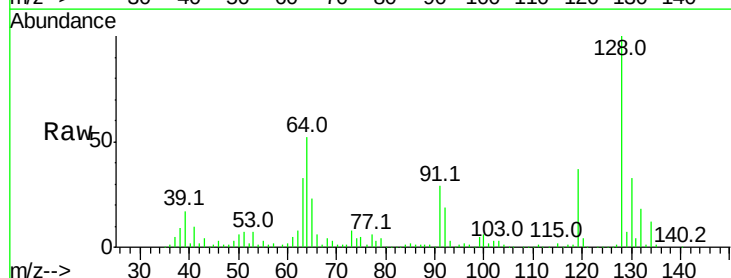
Tgt Ion: 128 Resp: 729007

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

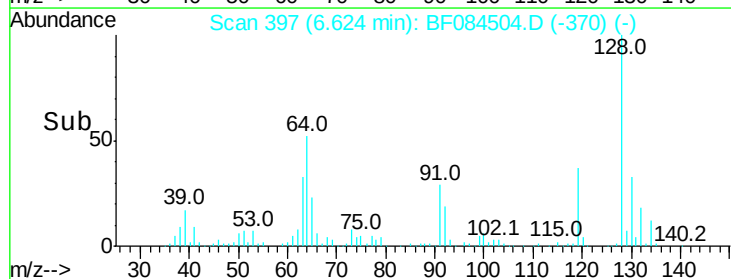
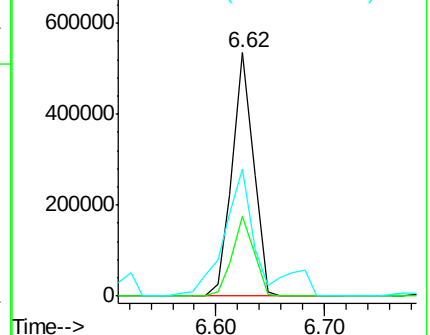
64 52.0 23.8 63.8

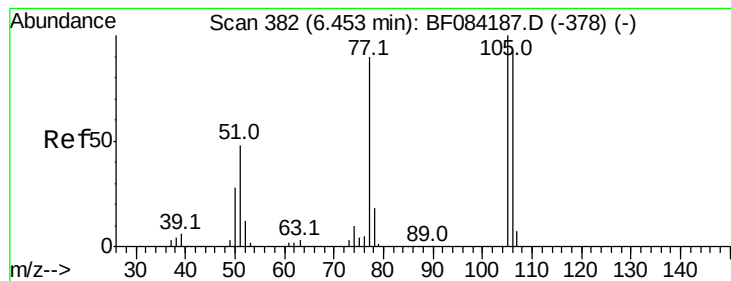


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 101.51 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

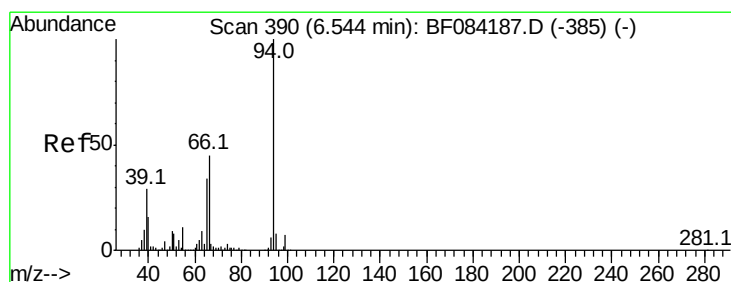
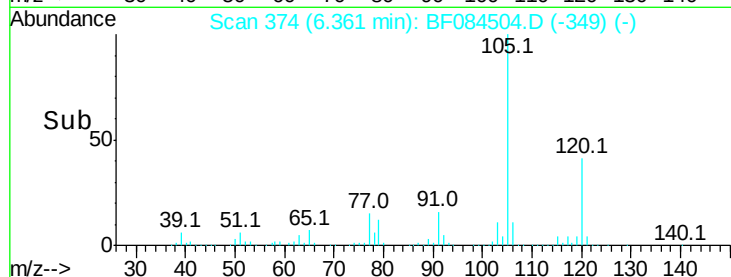
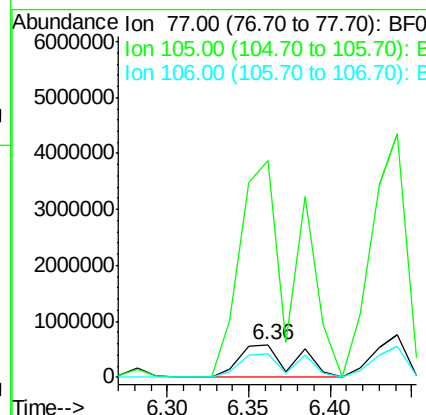
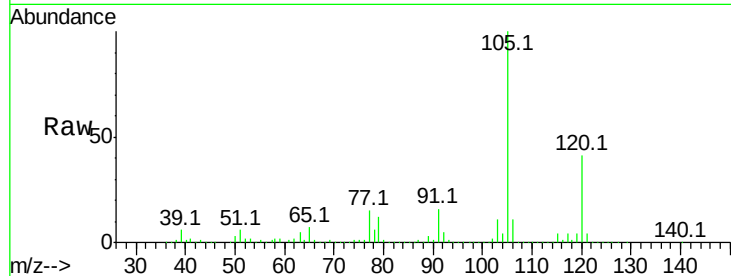
Tot Ion: 77 Resp: 1371222

Ion Ratio Lower Upper

77 100

105 663.9 83.0 123.0#

106 73.2 74.6 114.6#



#10

Phenol

Concen: 14.91 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

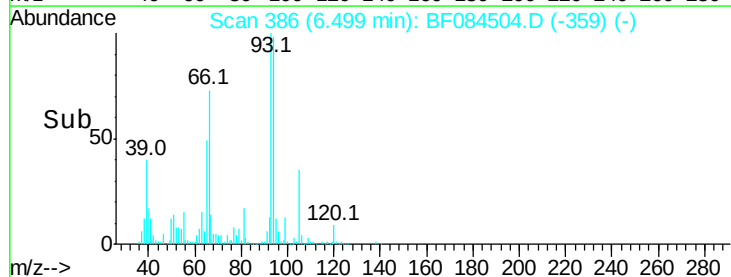
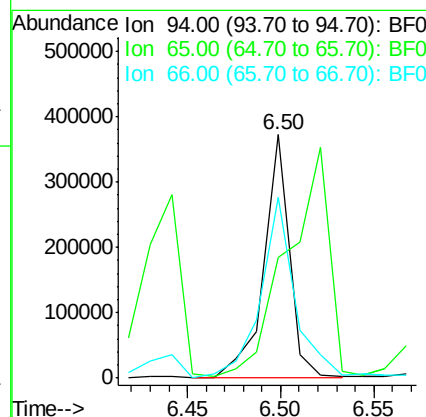
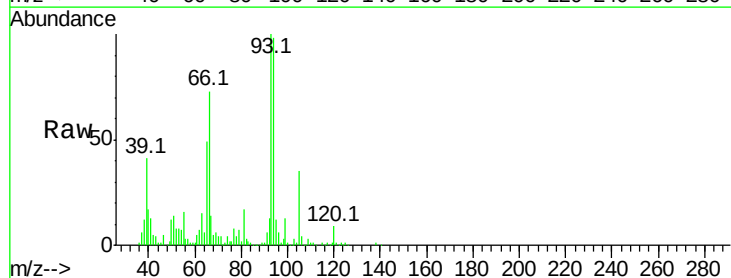
Tgt Ion: 94 Resp: 351739

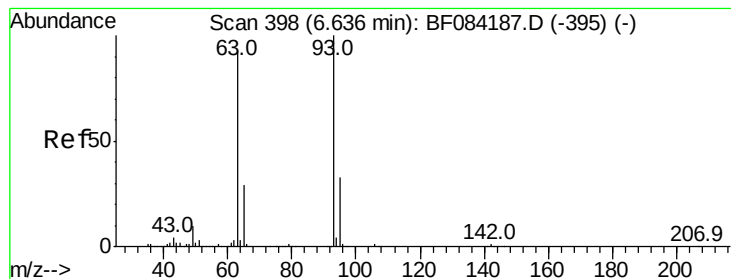
Ion Ratio Lower Upper

94 100

65 49.7 12.9 52.9

66 74.5 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 54.87 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.02 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

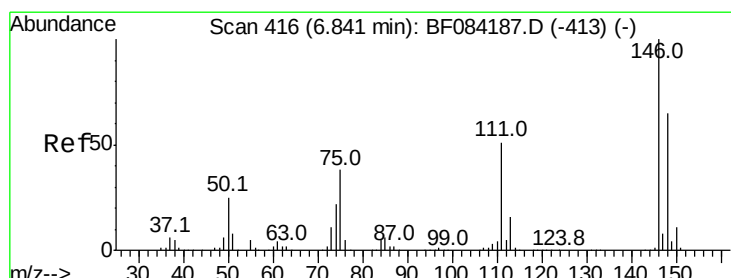
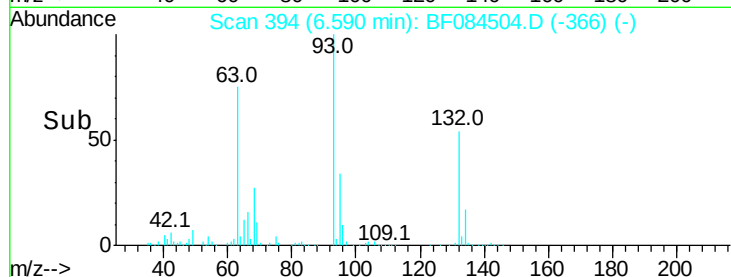
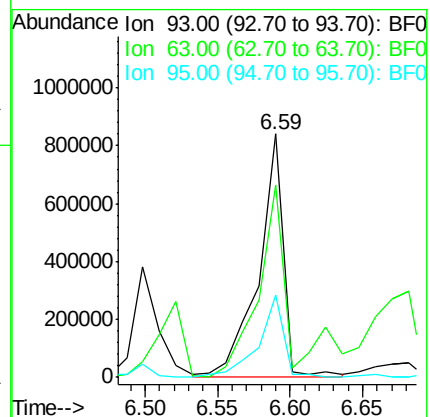
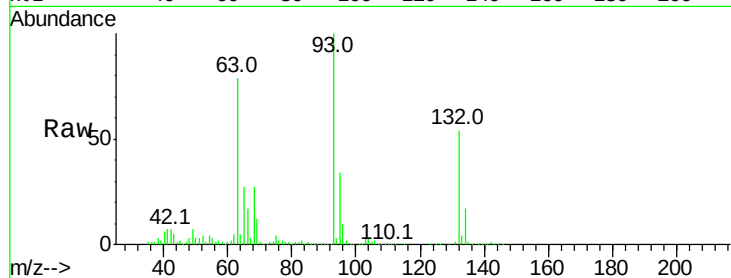
Tot Ion: 93 Resp: 1002603

Ion Ratio Lower Upper

93 100

63 79.0 45.9 85.9

95 34.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 48.20 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.09 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

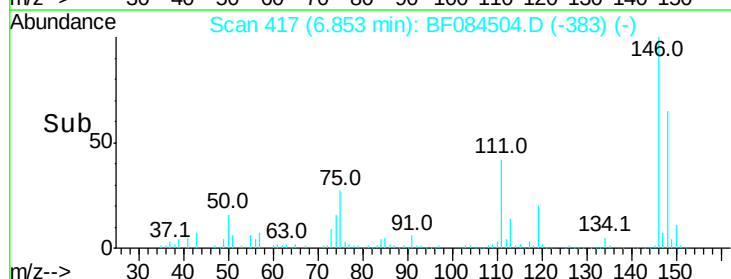
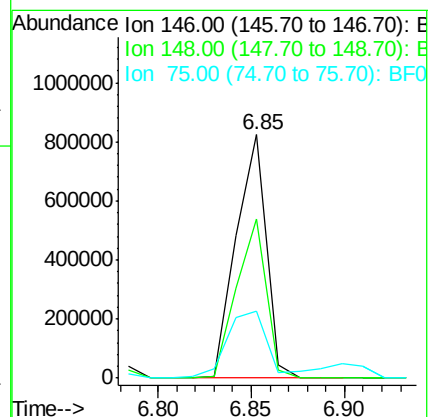
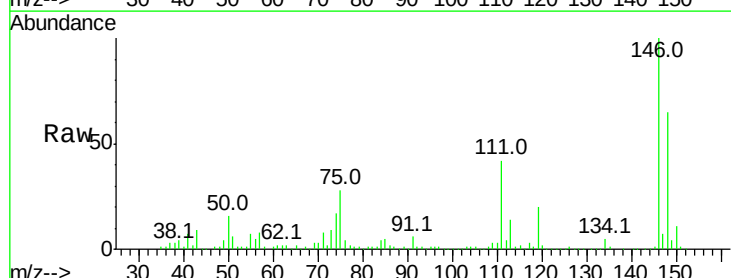
Tgt Ion: 146 Resp: 931780

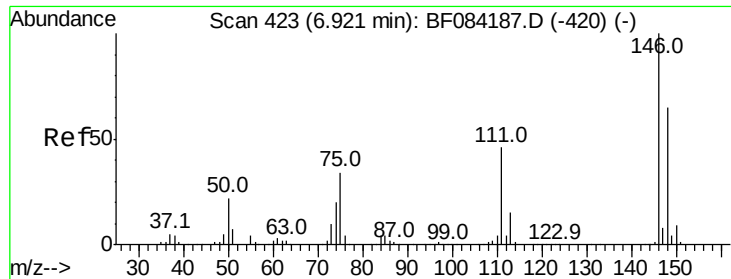
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

75 27.5 20.5 30.7

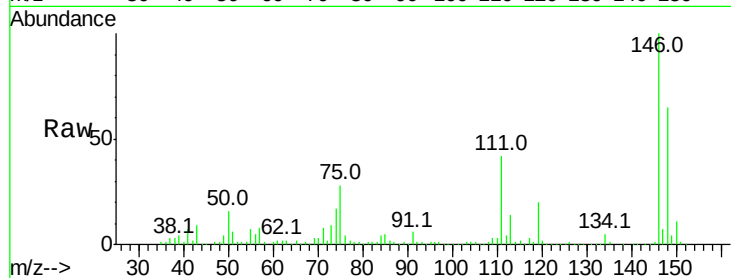




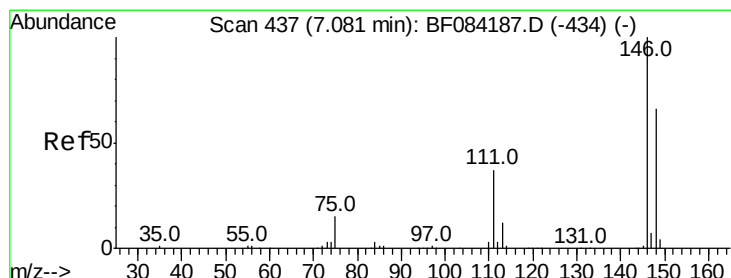
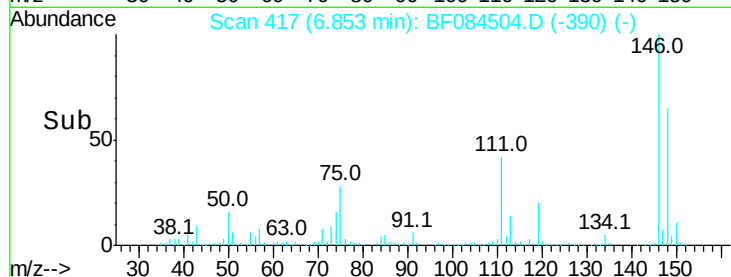
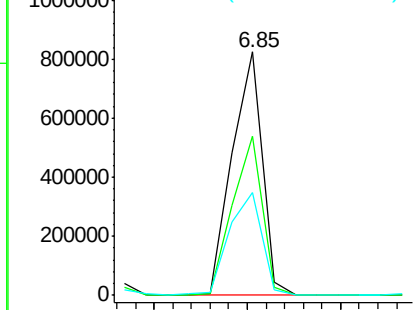
#13
 1,4-Dichlorobenzene
 Concen: 48.06 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 931780
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 42.4 41.6 62.4

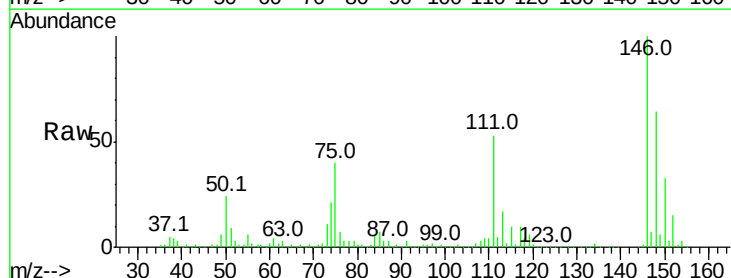


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

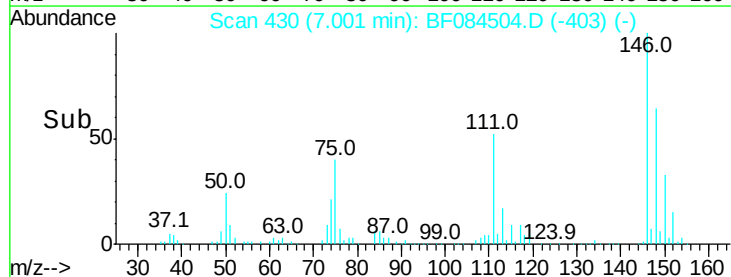
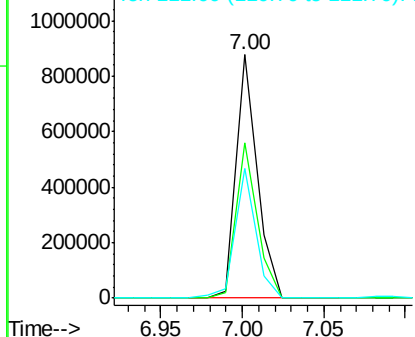


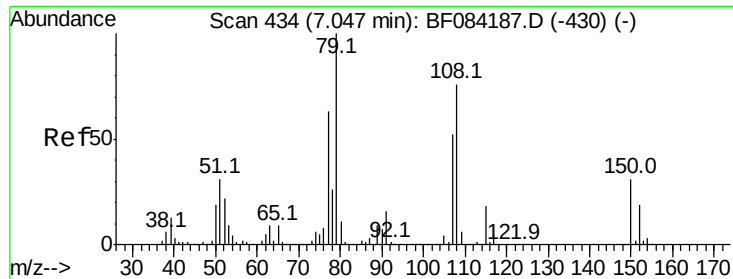
#14
 1,2-Dichlorobenzene
 Concen: 41.75 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion:146 Resp: 775063
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 53.2 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

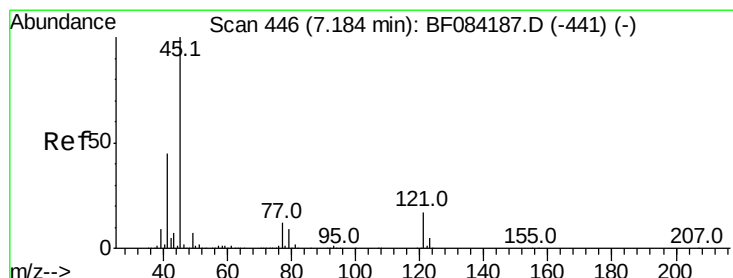
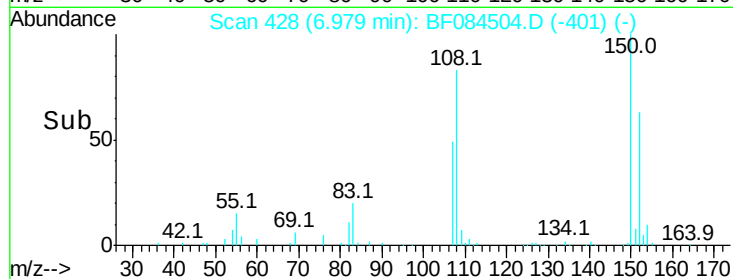
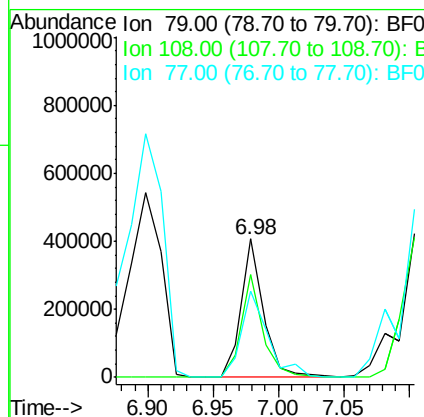
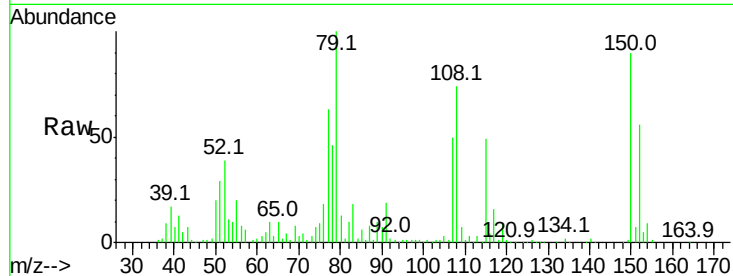




#15
Benzyl Alcohol
Concen: 27.29 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

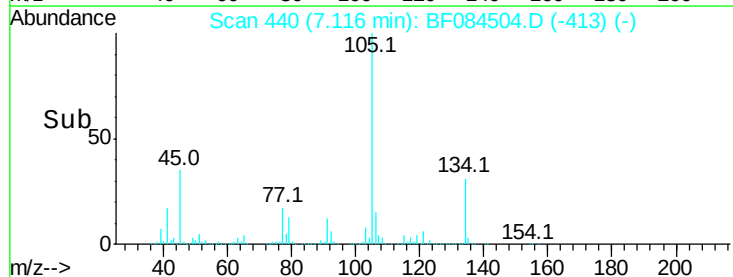
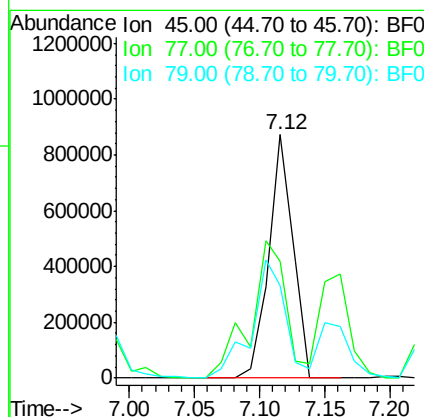
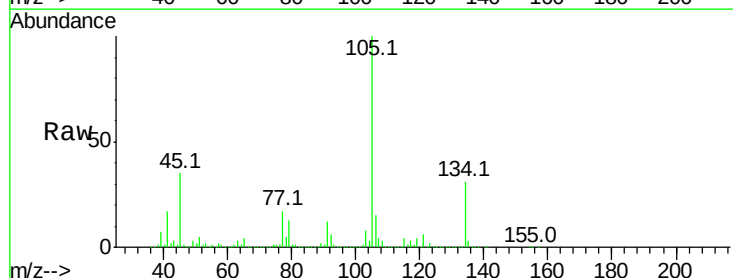
Instrument :
BNA_F
ClientSampled :

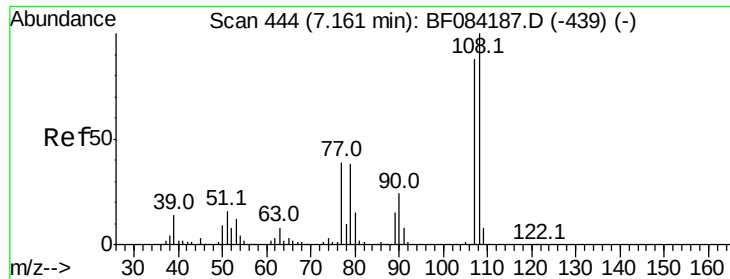
Tot Ion: 79 Resp: 476271
Ion Ratio Lower Upper
79 100
108 74.3 69.0 103.4
77 62.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.14 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion: 45 Resp: 1135925
Ion Ratio Lower Upper
45 100
77 48.2 0.0 39.6#
79 37.9 0.0 35.0#





#17

2-Methylphenol

Concen: 29.21 ng

RT: 7.10 min Scan# 439

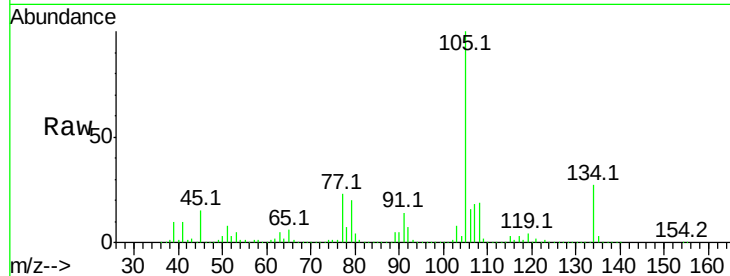
Delta R.T. 0.01 min

Lab File: BF084504.D

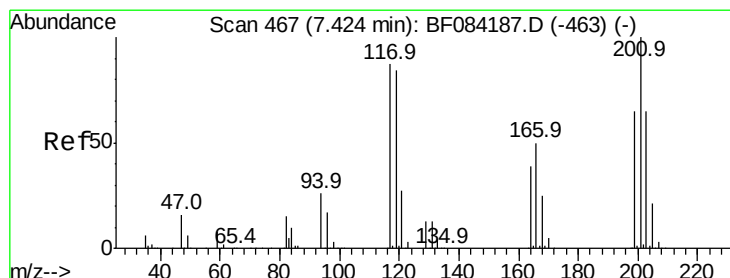
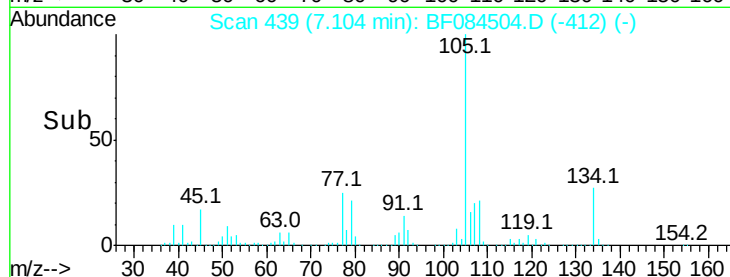
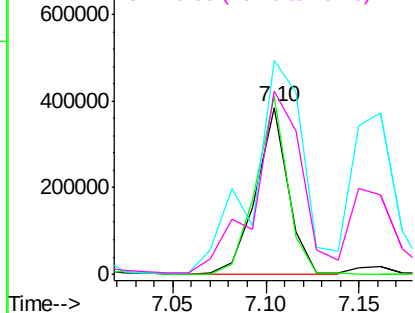
Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	458757
Ion	Ratio	Lower	Upper
107	100		
108	106.8	89.8	134.6
77	128.2	35.7	53.5#
79	110.0	35.7	53.5#



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



#18

Hexachloroethane

Concen: 223.35 ng

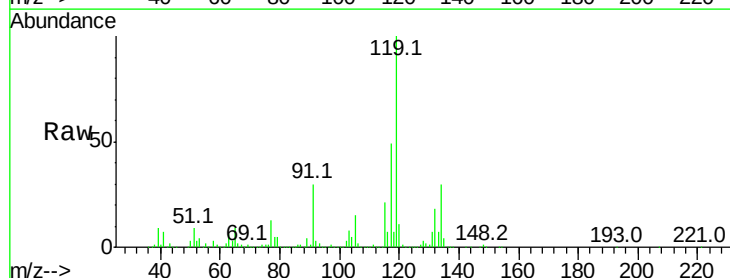
RT: 7.37 min Scan# 462

Delta R.T. 0.03 min

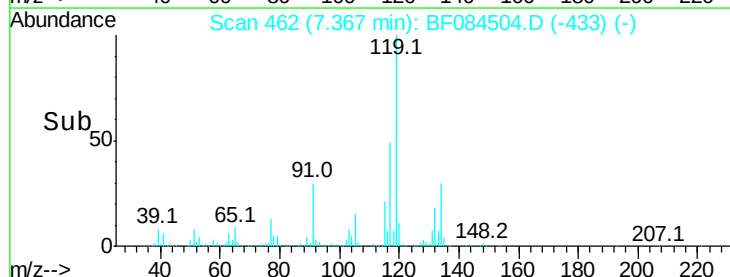
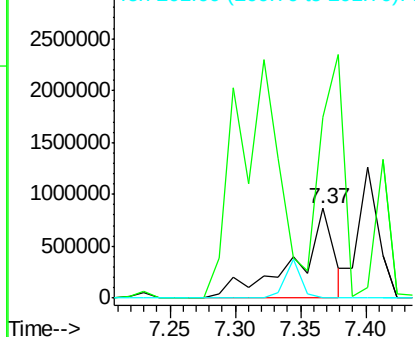
Lab File: BF084504.D

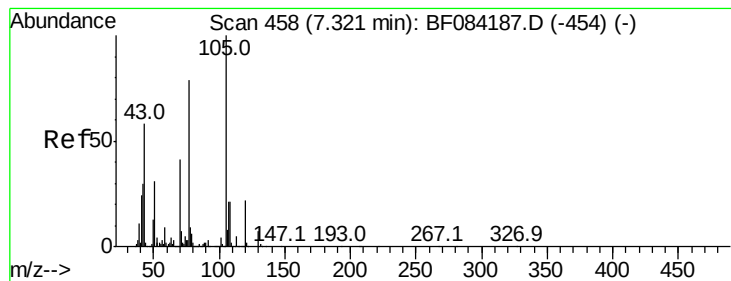
Acq: 15 Jan 2016 21:26

Tgt Ion:	117	Resp:	1731476
Ion	Ratio	Lower	Upper
117	100		
119	202.3	77.4	116.0#
201	0.0	68.6	103.0#



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.58 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 612007

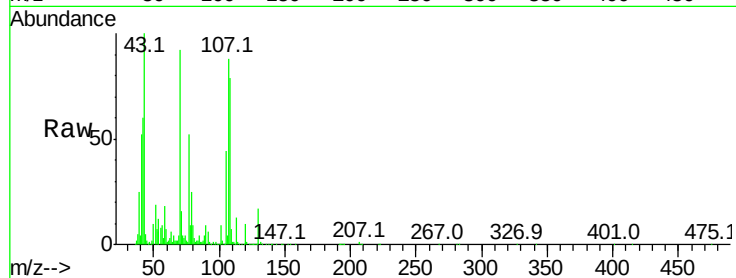
Ion Ratio Lower Upper

70 100

42 65.3 33.3 49.9#

101 9.3 9.3 13.9

130 18.4 23.4 35.0#

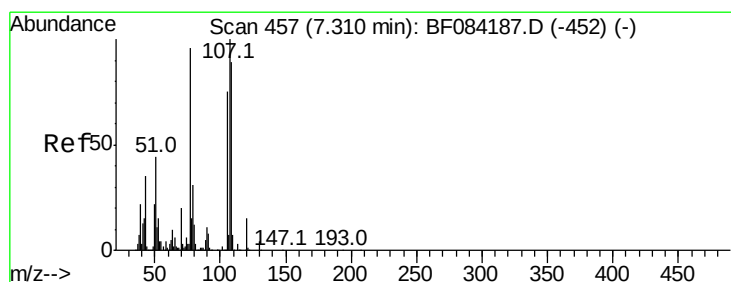
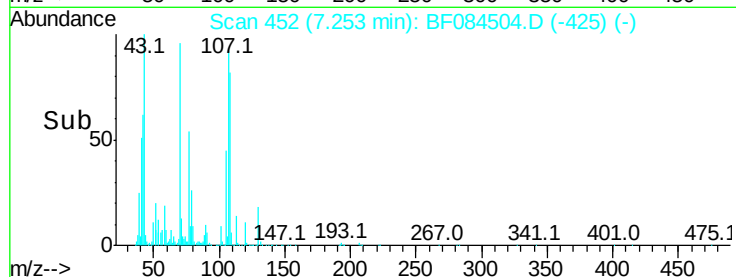
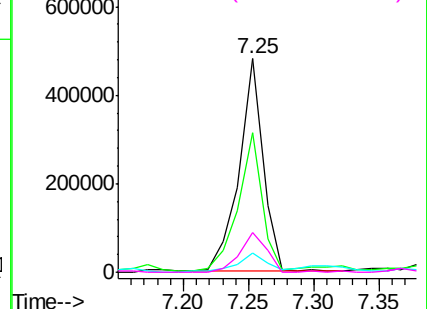


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 29.71 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Tgt Ion:107 Resp: 548468

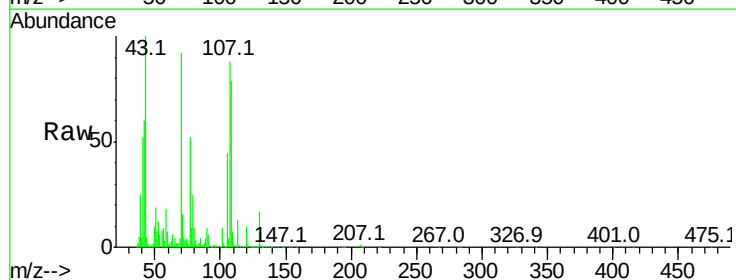
Ion Ratio Lower Upper

107 100

108 89.1 74.6 114.6

77 59.5 0.7 40.7#

79 28.5 0.0 39.0

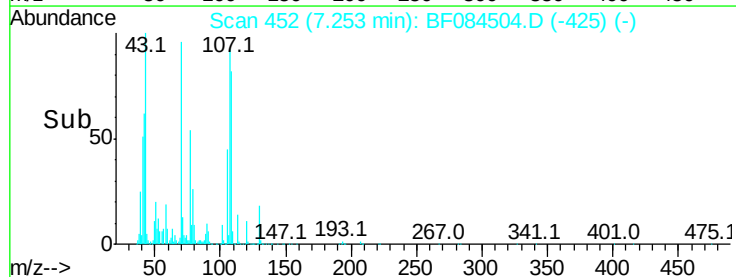
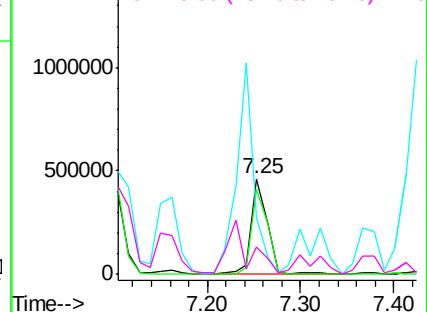


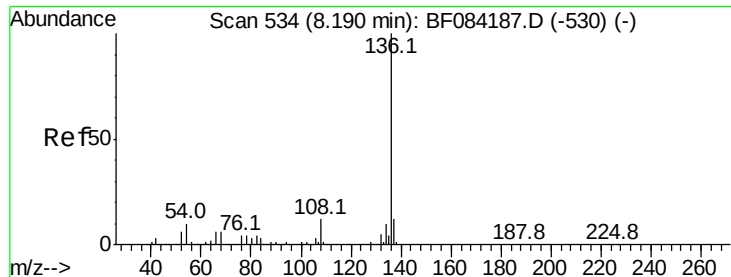
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

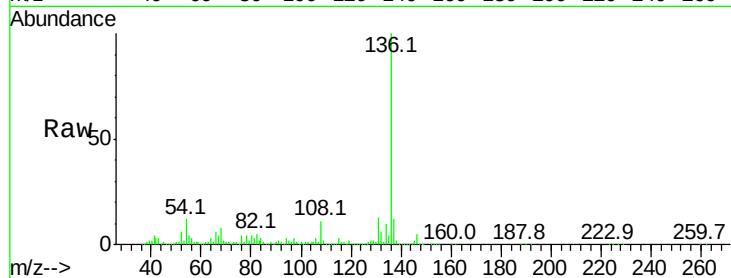
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1027338

Ion Ratio Lower Upper

136	100		
137	11.8	8.7	13.1
54	11.8	5.8	8.8#
68	7.5	4.2	6.2#

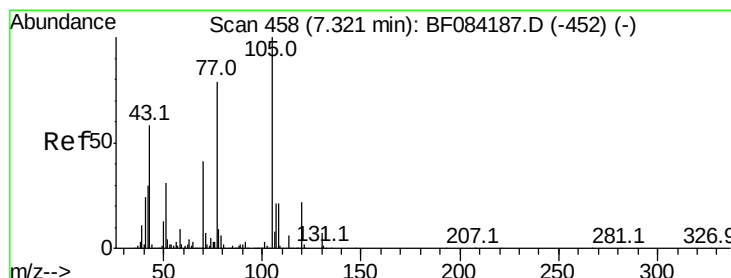
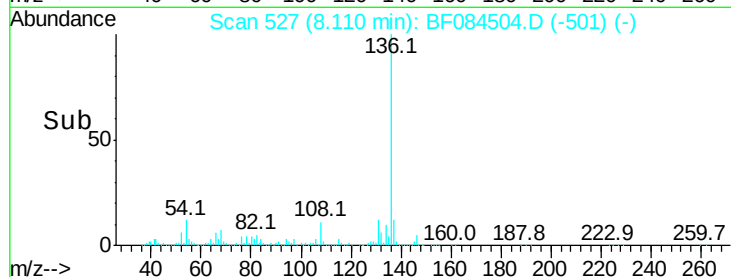
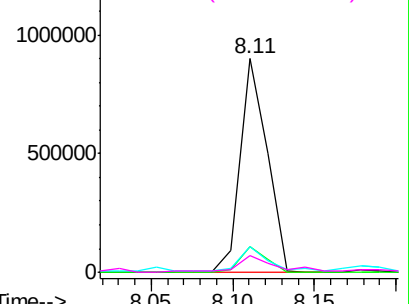


Abundance Ion 136.00 (135.70 to 136.70): E

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: 143.35 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Tgt Ion:105 Resp: 3541210

Ion Ratio Lower Upper

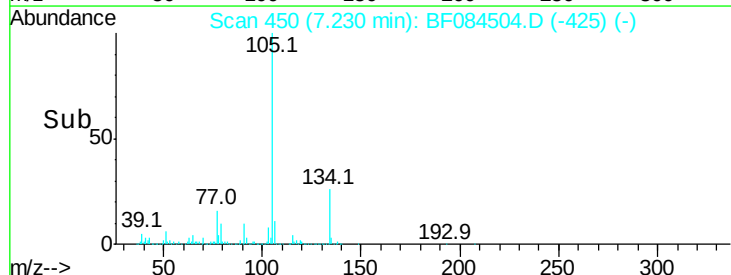
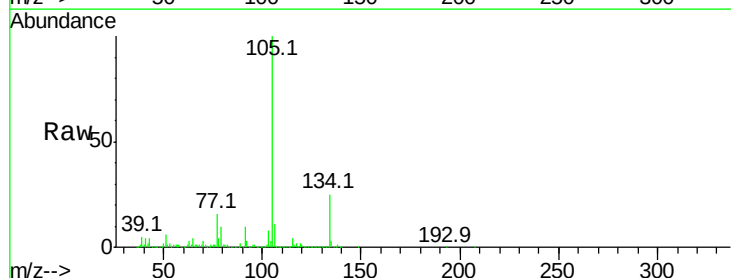
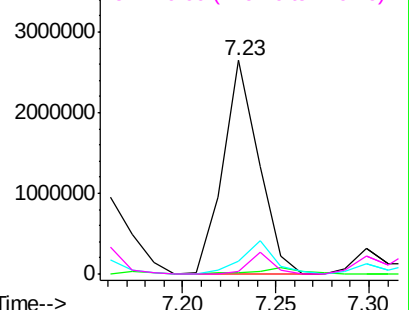
105	100		
71	0.7	3.7	5.5#
51	6.1	25.1	37.7#
120	1.3	16.6	25.0#

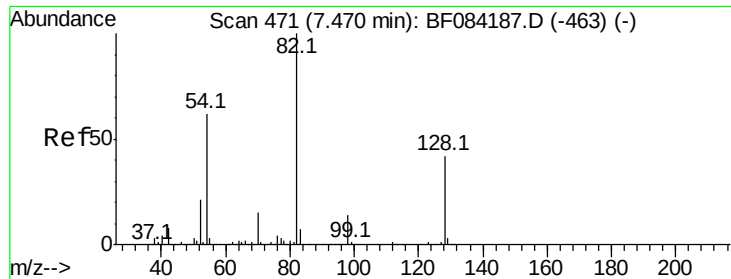
Abundance Ion 105.00 (104.70 to 105.70): E

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

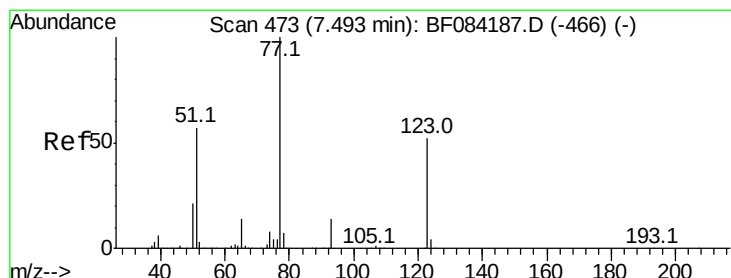
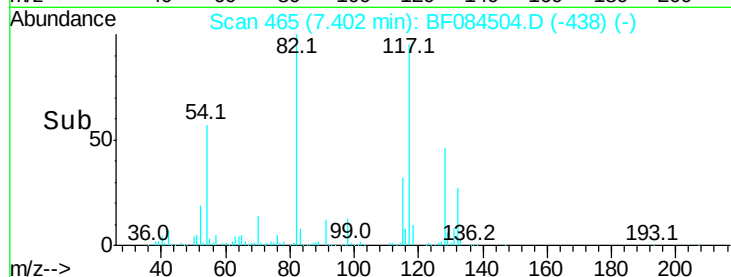
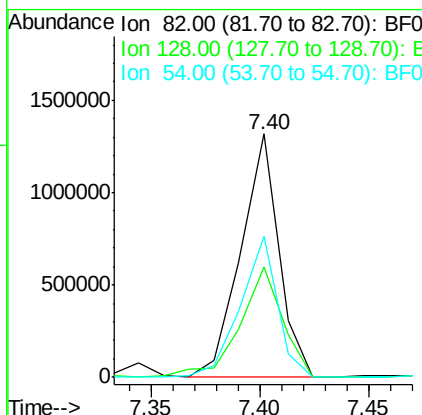
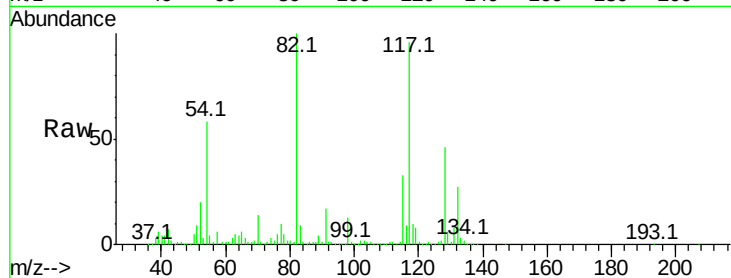




#23
 Nitrobenzene-d5
 Concen: 86.10 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

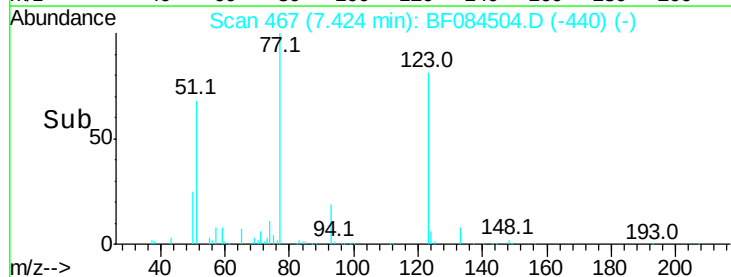
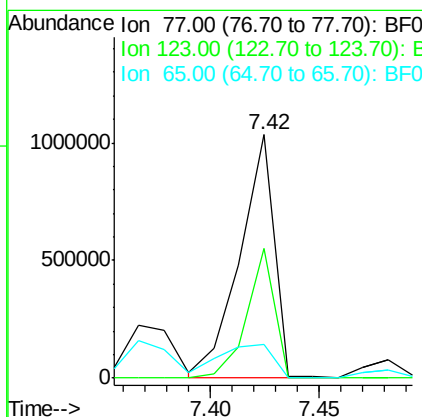
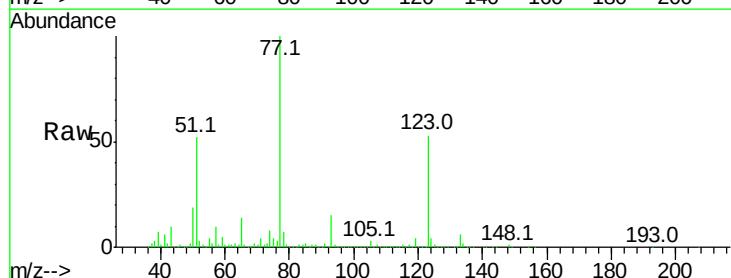
Instrument :
 BNA_F
 ClientSampleId :

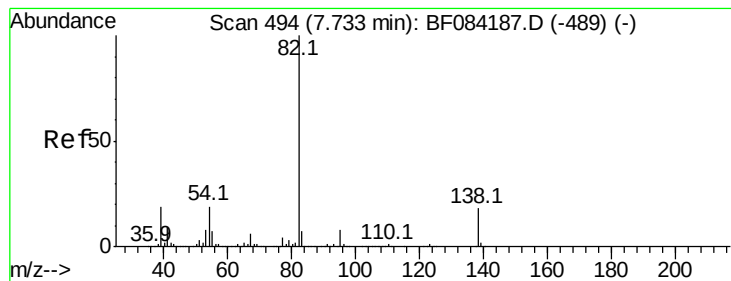
Tot Ion: 82 Resp: 1589240
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.6 51.8
 54 57.8 38.4 57.6#



#24
 Nitrobenzene
 Concen: 60.00 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion: 77 Resp: 1123307
 Ion Ratio Lower Upper
 77 100
 123 53.1 37.4 56.2
 65 13.8 10.9 16.3





#25

Isophorone

Concen: 48.09 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

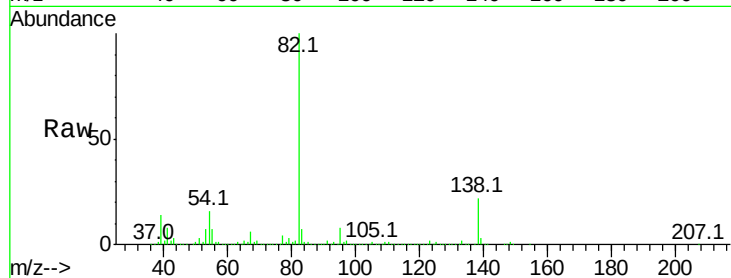
Tot Ion: 82 Resp: 1697594

Ion Ratio Lower Upper

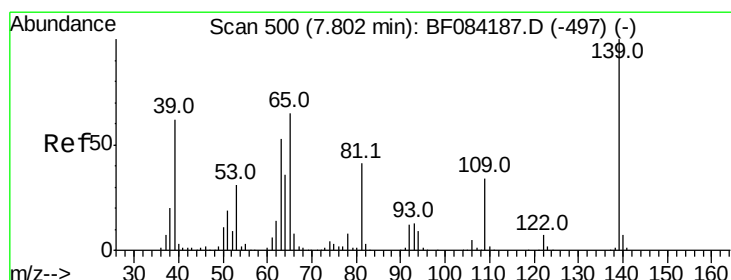
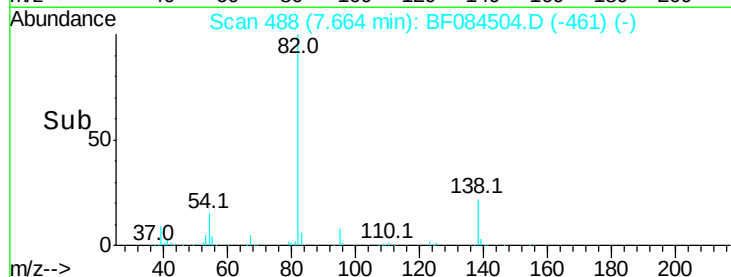
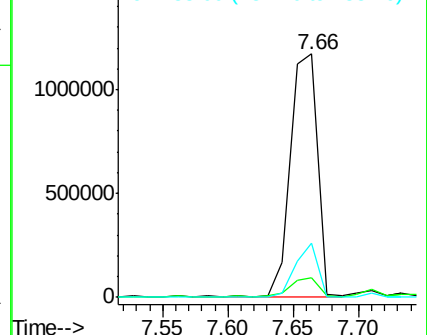
82 100

95 8.3 6.6 10.0

138 22.3 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: 57.41 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

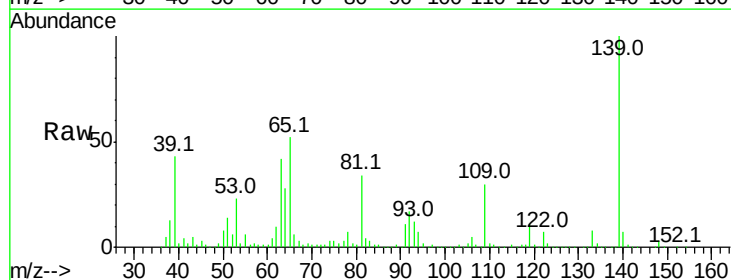
Tgt Ion: 139 Resp: 489211

Ion Ratio Lower Upper

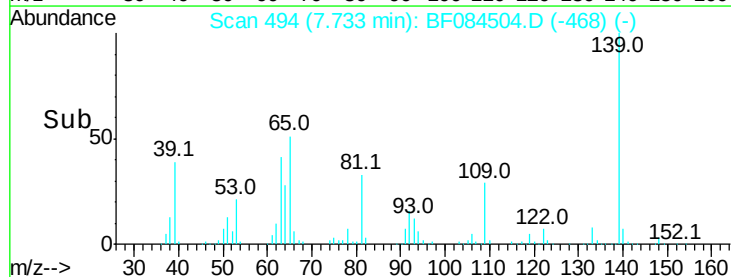
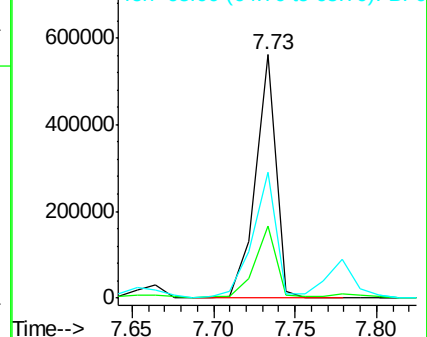
139 100

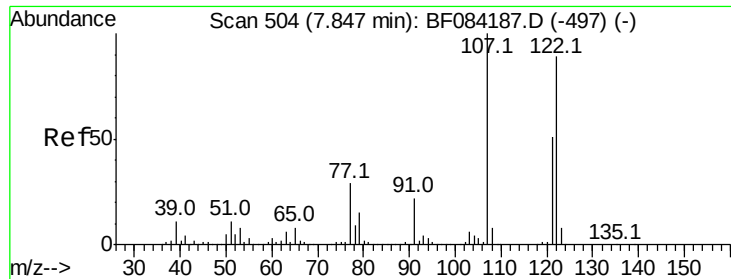
109 29.6 25.4 38.2

65 51.9 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

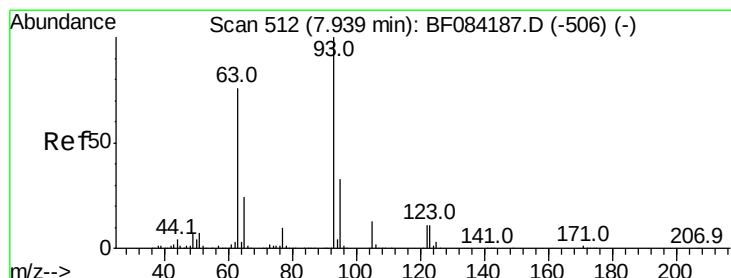
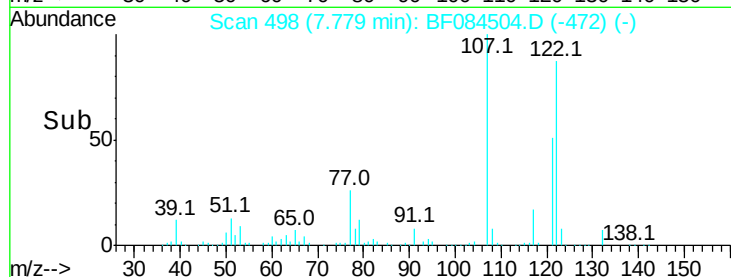
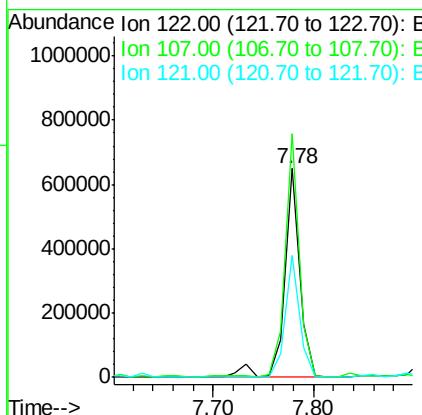
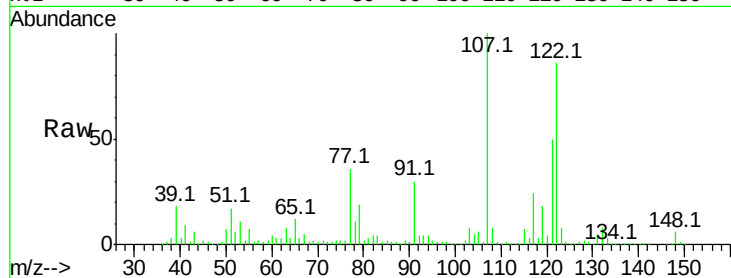




#27
 2,4-Dimethylphenol
 Concen: 39.79 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

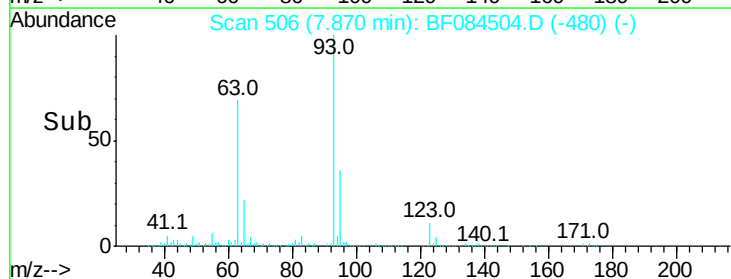
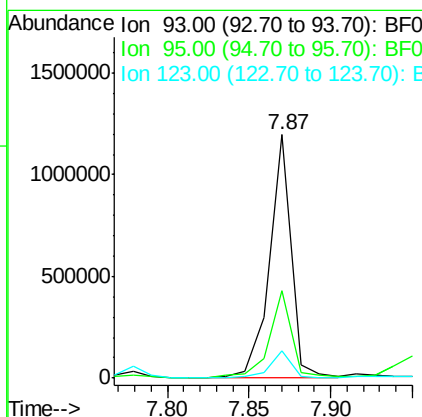
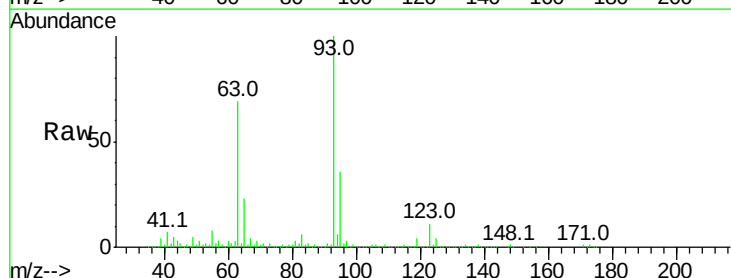
Instrument :
 BNA_F
 ClientSampled :

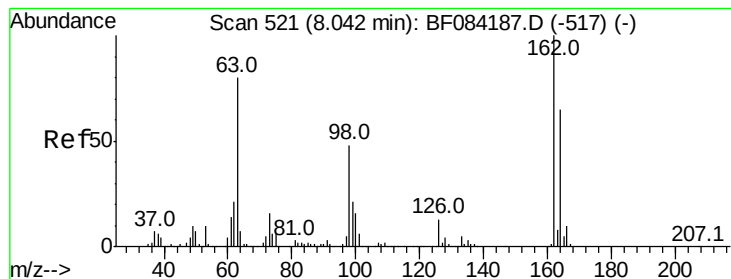
Tot Ion:	122	Resp:	686251
Ion	Ratio	Lower	Upper
122	100		
107	116.6	99.1	148.7
121	58.5	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.52 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion:	93	Resp:	1110934
Ion	Ratio	Lower	Upper
93	100		
95	35.8	25.8	38.6
123	11.2	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 47.24 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

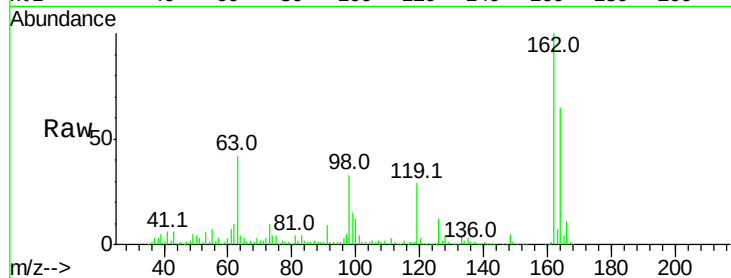
Tot Ion:162 Resp: 678707

Ion Ratio Lower Upper

162 100

164 65.2 44.1 84.1

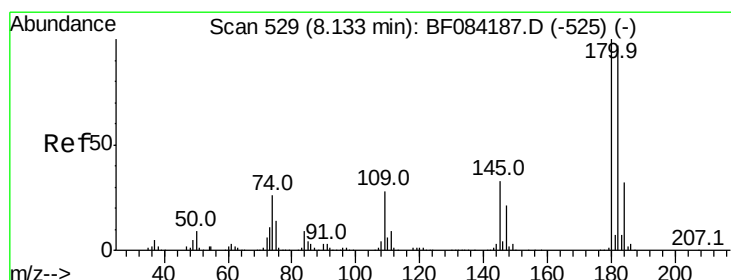
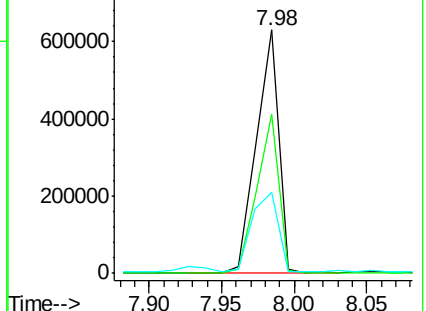
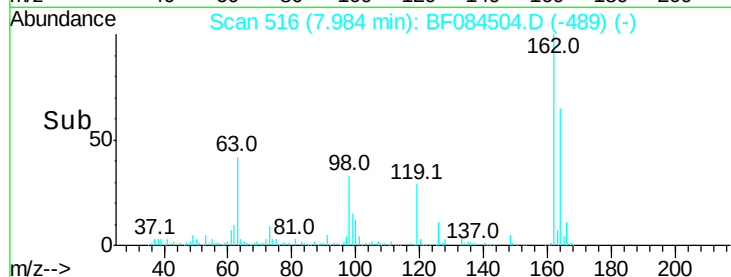
98 33.3 20.2 60.2



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: 49.20 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

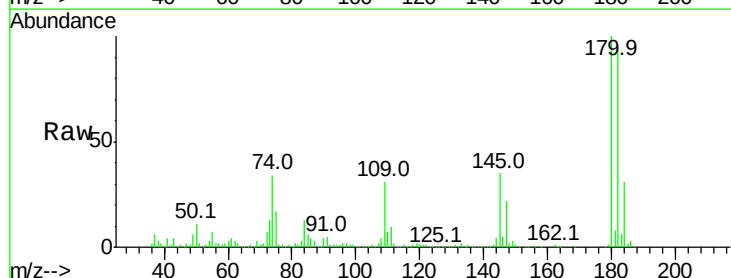
Tgt Ion:180 Resp: 729742

Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

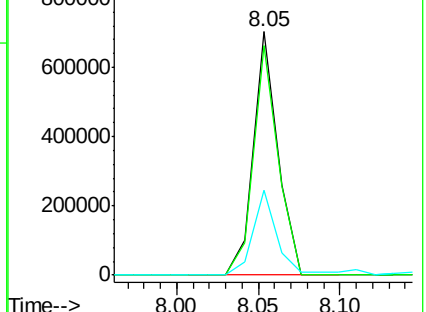
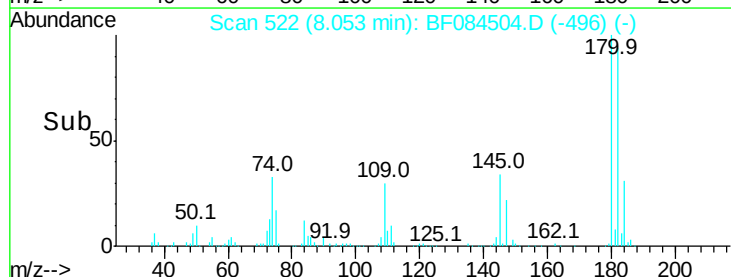
145 34.6 31.6 47.4

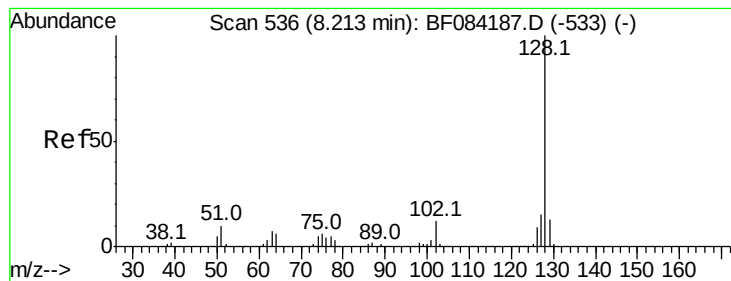


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 66.83 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

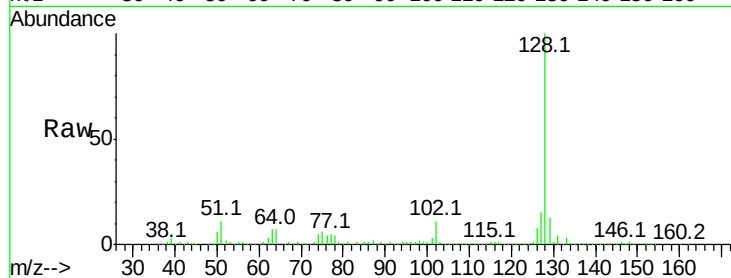
Tot Ion:128 Resp: 3114933

Ion Ratio Lower Upper

128 100

129 13.2 9.1 13.7

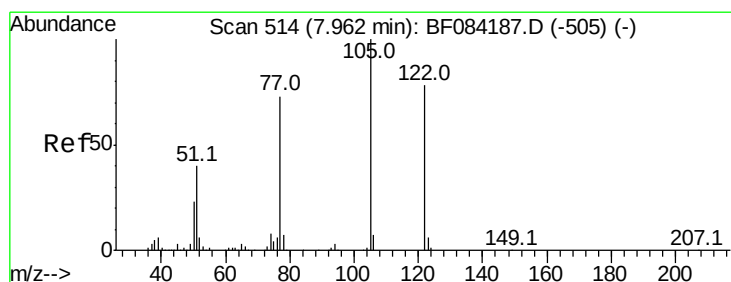
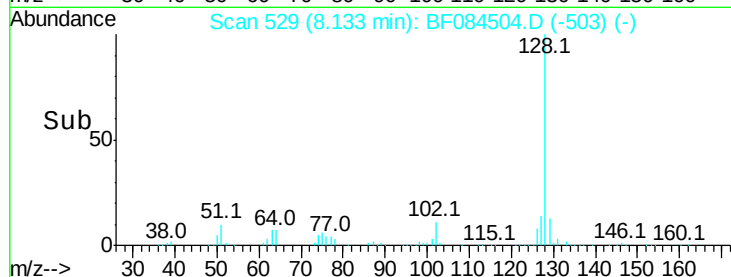
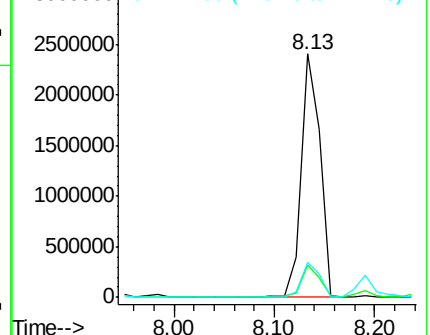
127 14.5 11.1 16.7



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: 19.75 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.02 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

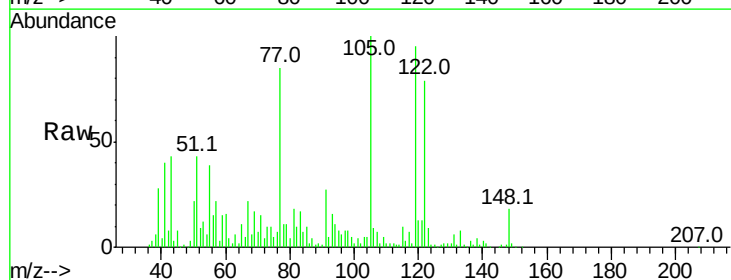
Tgt Ion:122 Resp: 172236

Ion Ratio Lower Upper

122 100

105 126.0 100.3 140.3

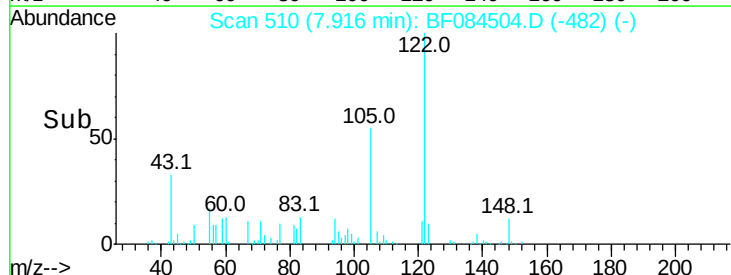
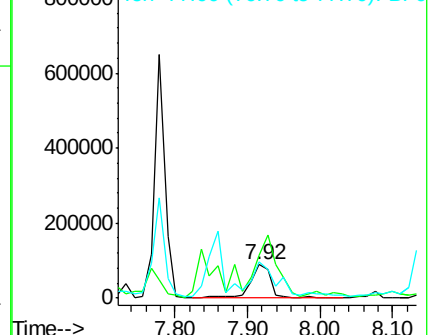
77 107.0 63.5 103.5#

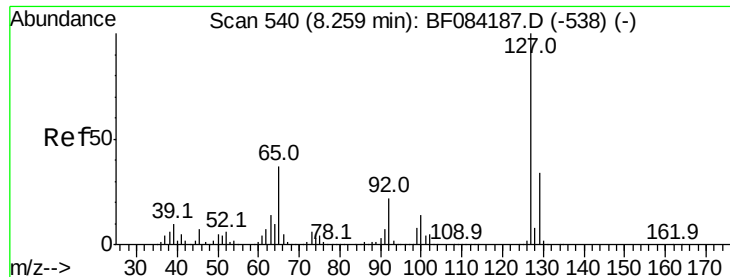


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

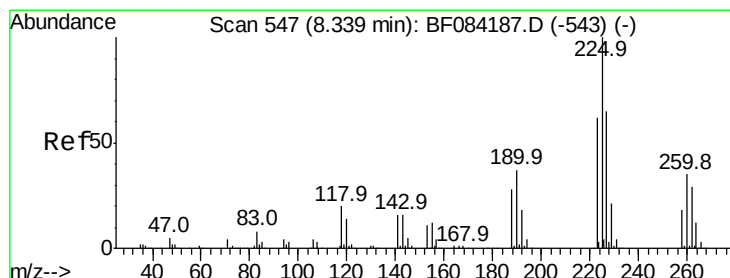
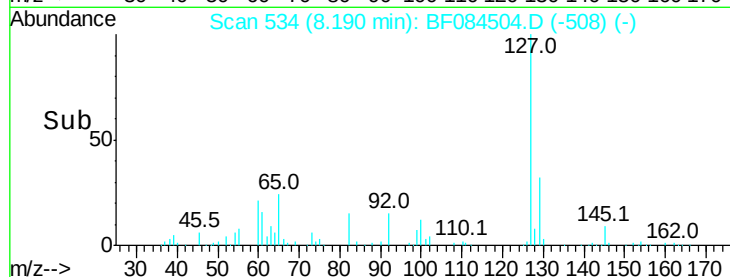
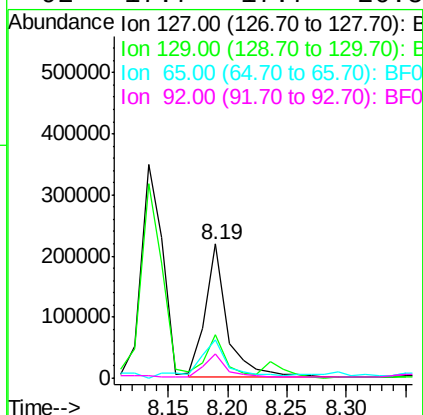
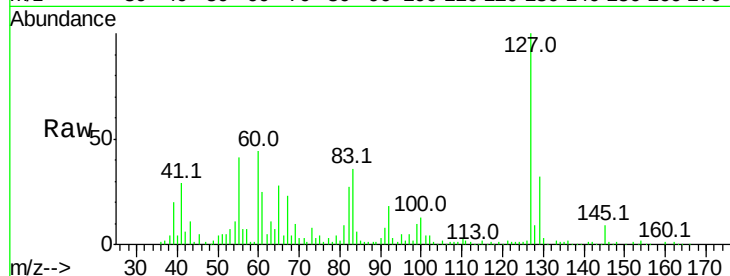




#33
4-Chloroaniline
Concen: 13.21 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

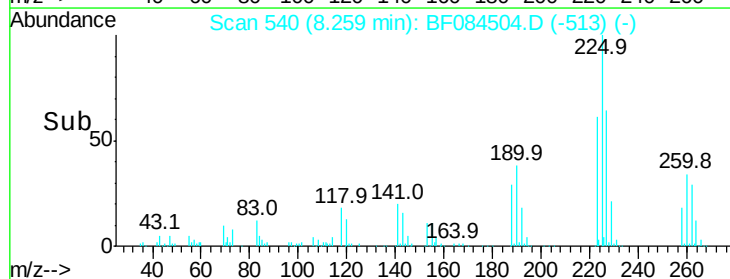
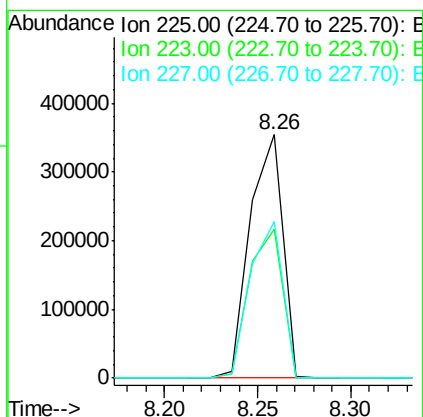
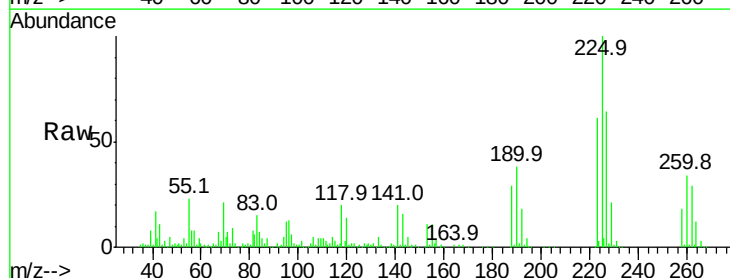
Instrument :
BNA_F
ClientSampled :

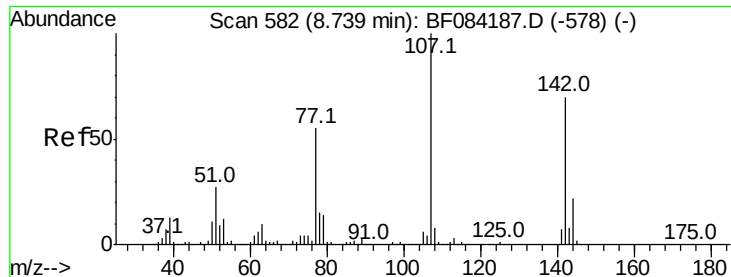
Tot Ion:	127	Resp:	282376
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	28.5	27.2	40.8
92	17.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 50.37 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:	225	Resp:	429423
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.0
227	64.5	50.8	76.2

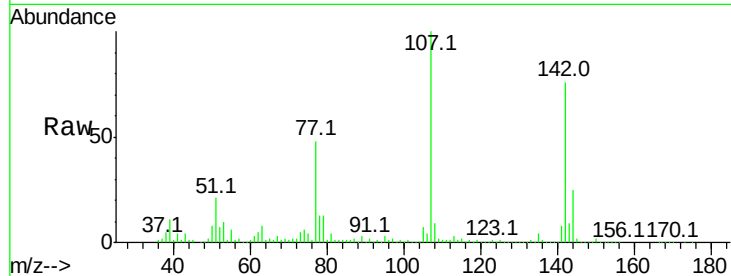




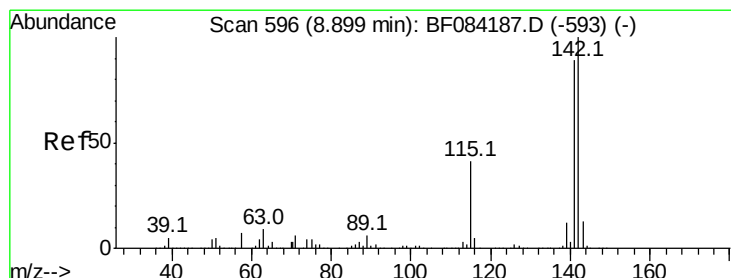
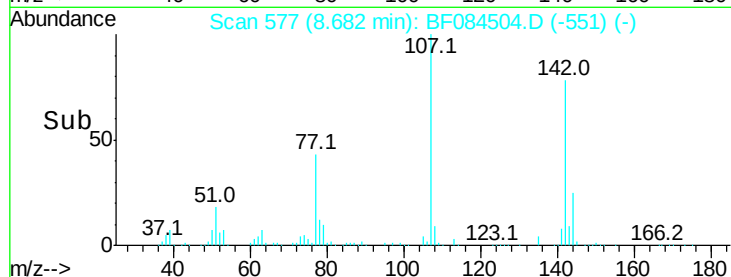
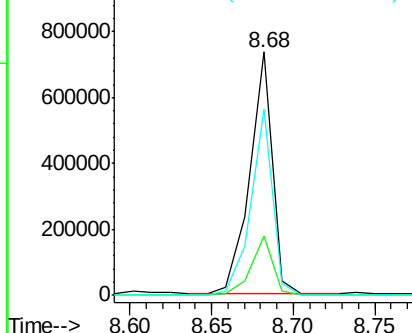
#36
 4-Chloro-3-methylphenol
 Concen: 44.13 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 710128
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.7 29.5
 142 76.2 61.8 92.6

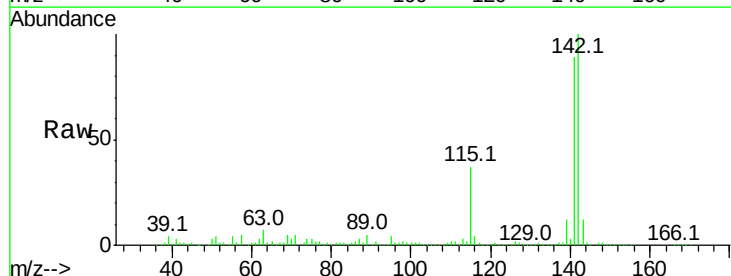


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

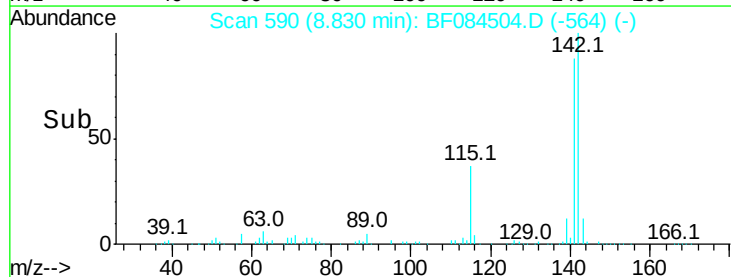
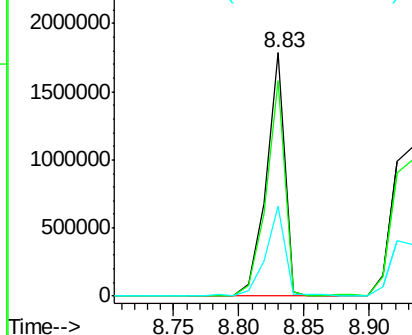


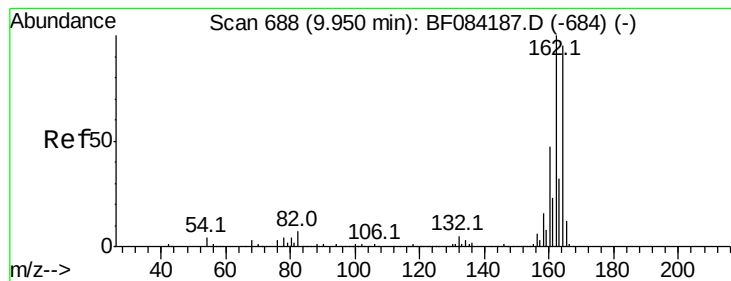
#37
 2-Methylnaphthalene
 Concen: 52.98 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion:142 Resp: 1772757
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.4 108.6
 115 37.2 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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

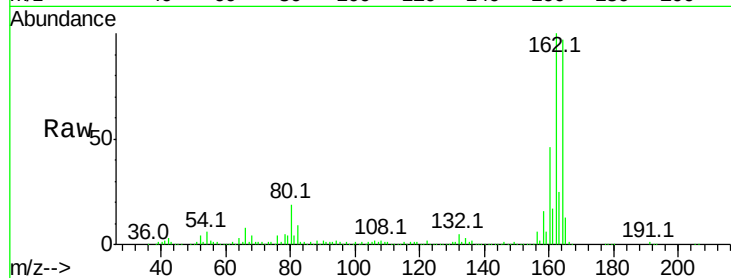
Tot Ion:164 Resp: 511425

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

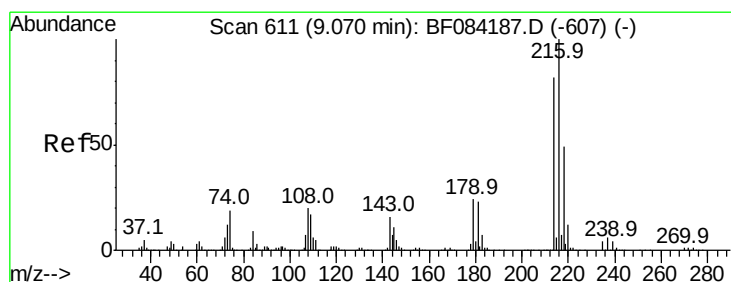
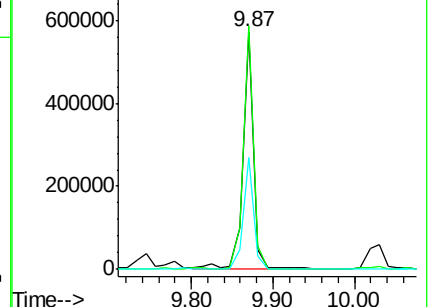
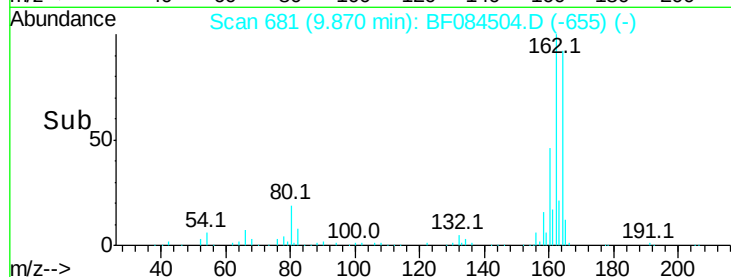
160 46.9 37.5 56.3



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: 41.73 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Tgt Ion:216 Resp: 613613

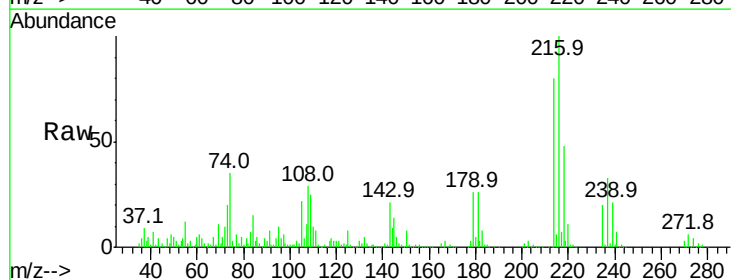
Ion Ratio Lower Upper

216 100

214 79.1 64.2 96.2

179 23.5 18.7 28.1

108 24.2 16.8 25.2

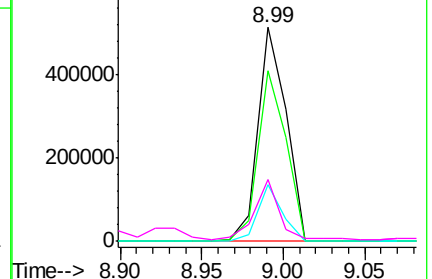
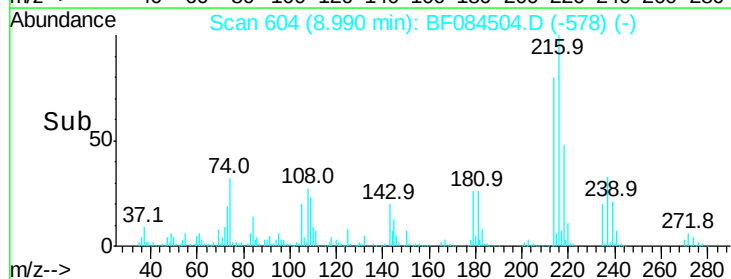


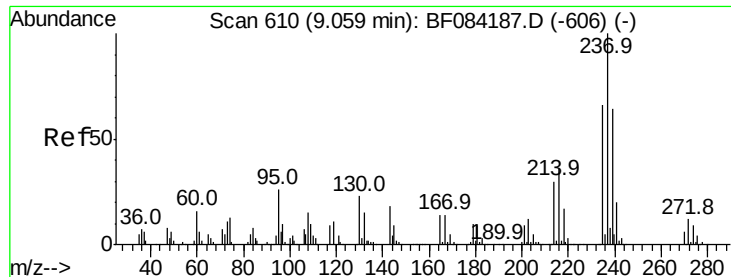
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.29 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

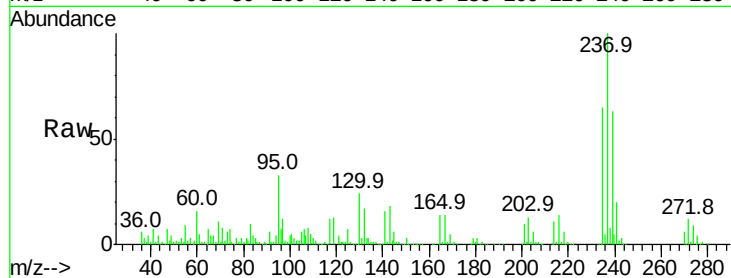
Tot Ion:237 Resp: 481825

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

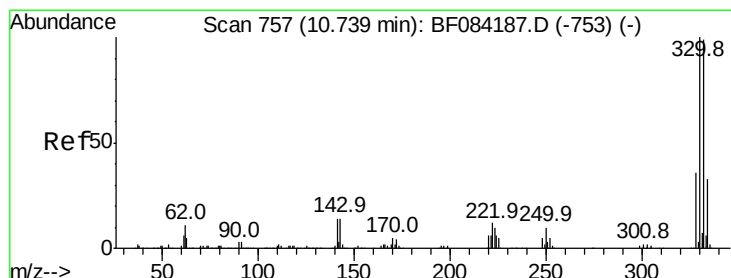
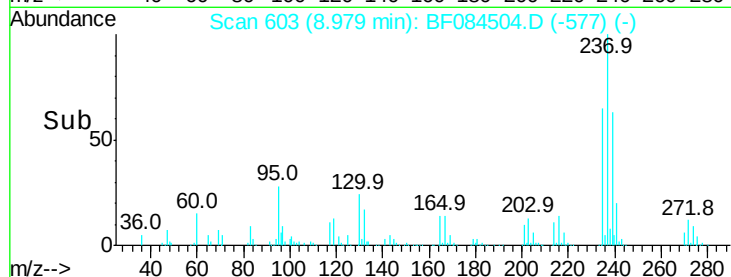
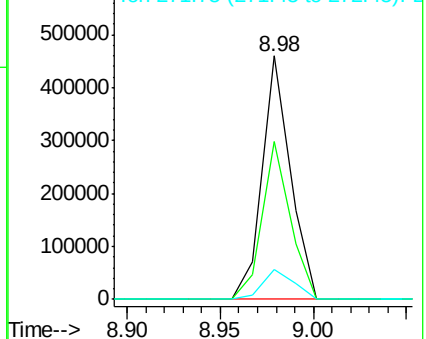
272 12.3 0.0 35.1



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: 136.09 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

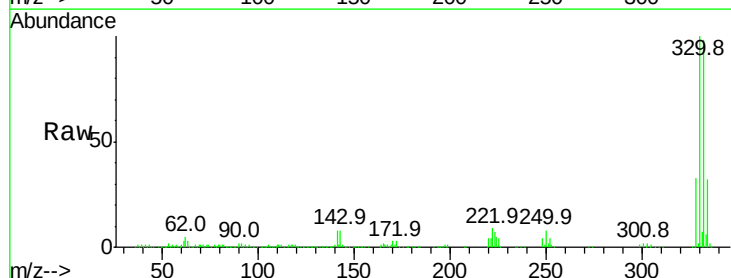
Tgt Ion:330 Resp: 702651

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

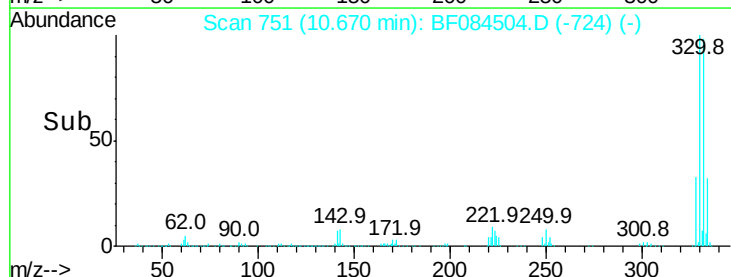
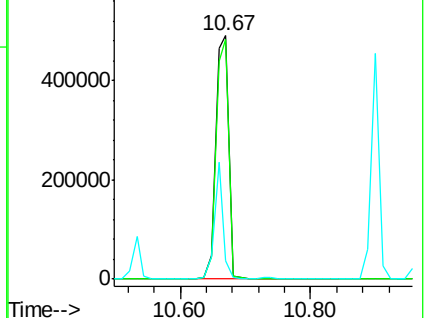
141 32.0 27.8 41.6

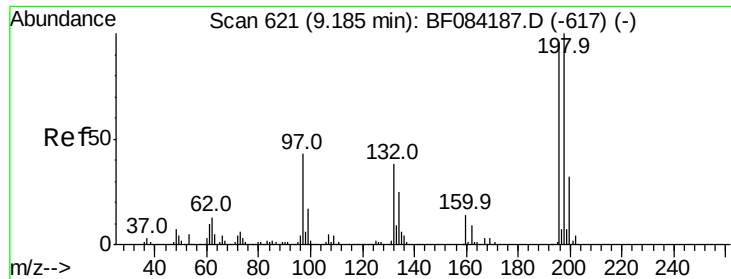


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 45.07 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

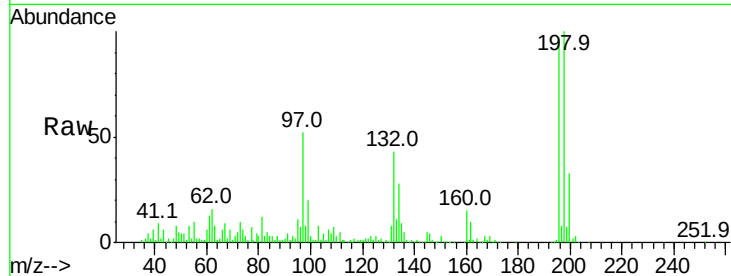
Tot Ion:196 Resp: 495744

Ion Ratio Lower Upper

196 100

198 103.6 77.7 116.5

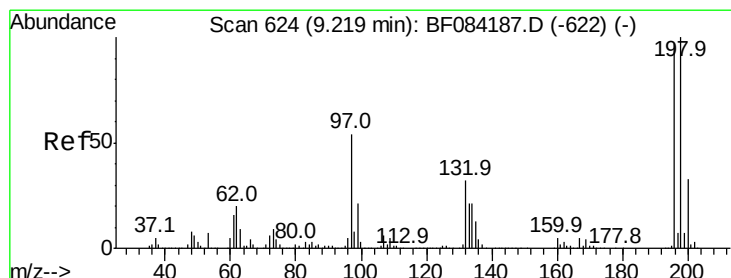
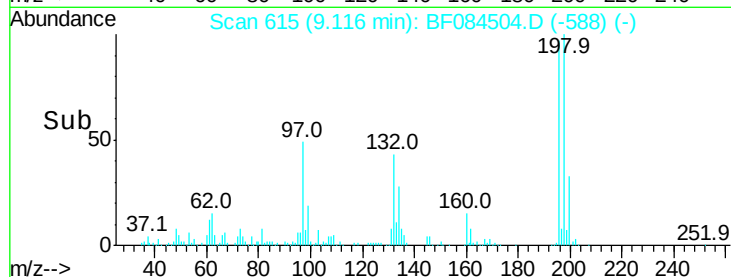
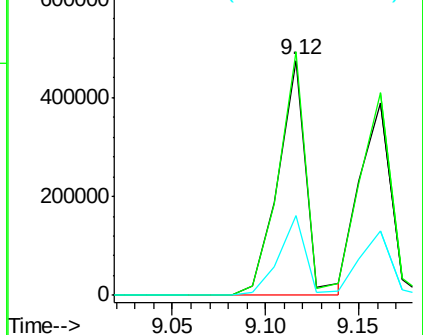
200 33.8 24.6 37.0



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: 42.68 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Tgt Ion:196 Resp: 450056

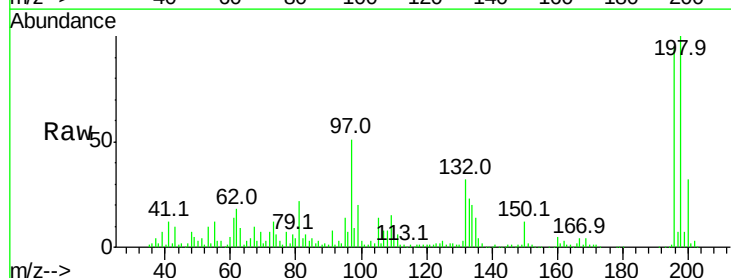
Ion Ratio Lower Upper

196 100

198 105.7 79.0 118.6

97 54.0 33.0 49.6#

132 33.6 21.1 31.7#

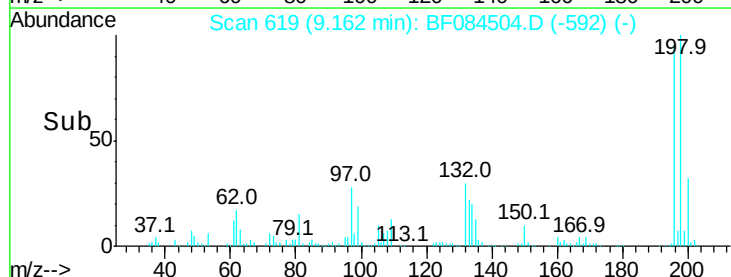
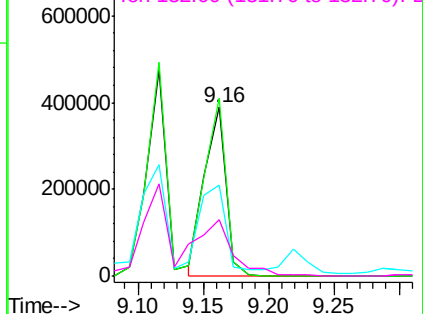


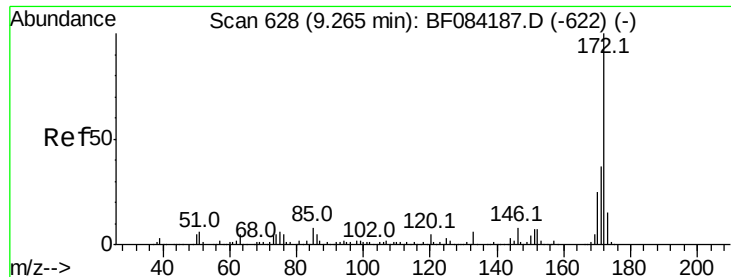
Abundance Ion 196.00 (195.70 to 196.70): E

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: 95.97 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

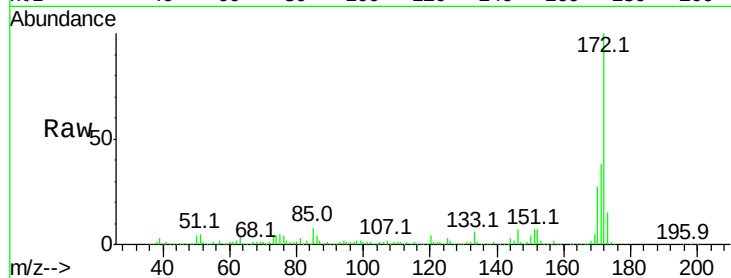
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2766399

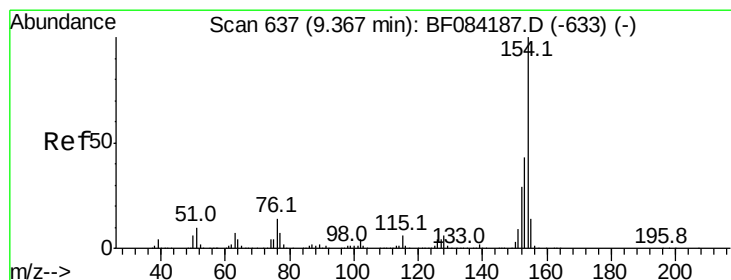
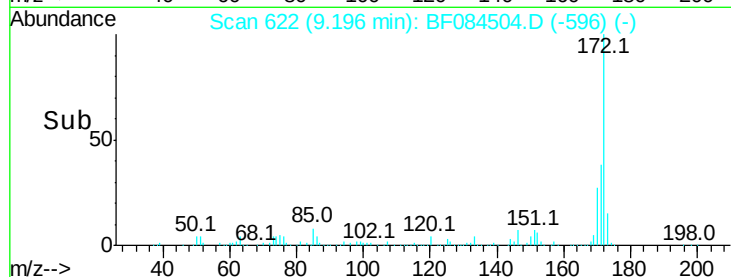
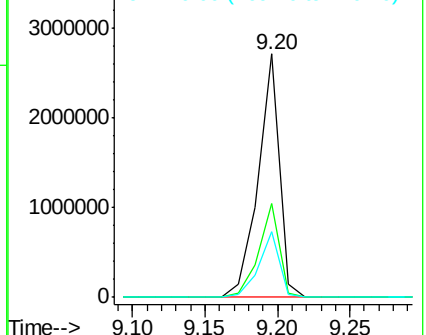
Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.8	18.6	27.8



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: 48.43 ng

RT: 9.30 min Scan# 631

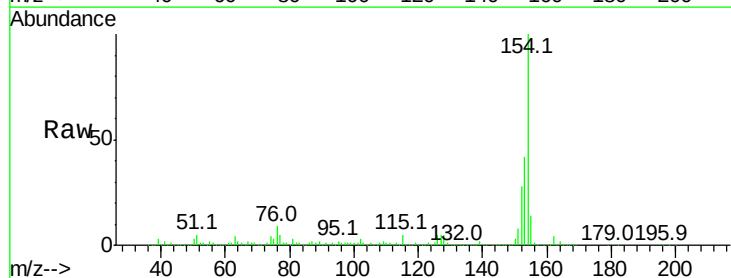
Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Tgt Ion:154 Resp: 1968338

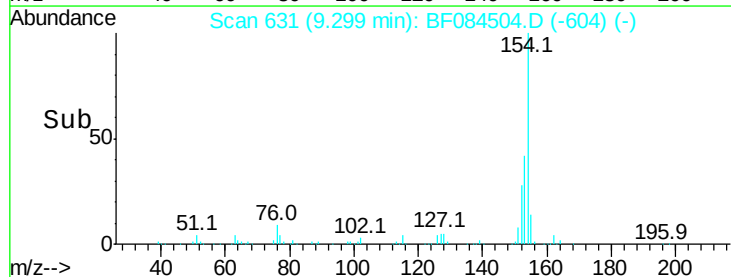
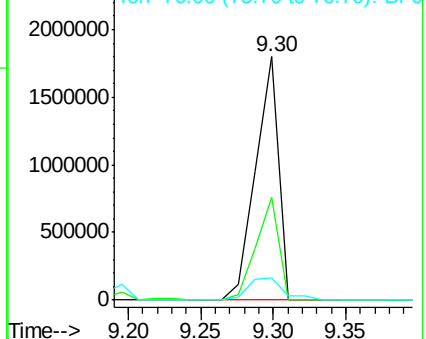
Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.6	61.6
76	9.2	0.0	32.7

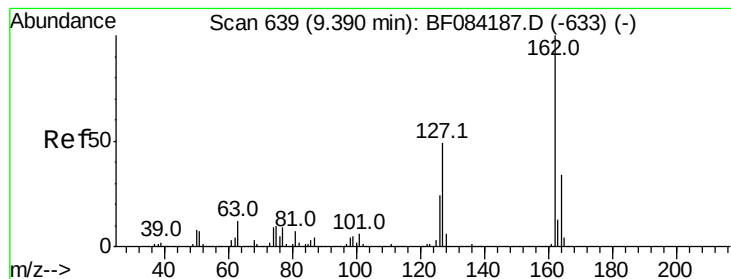


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

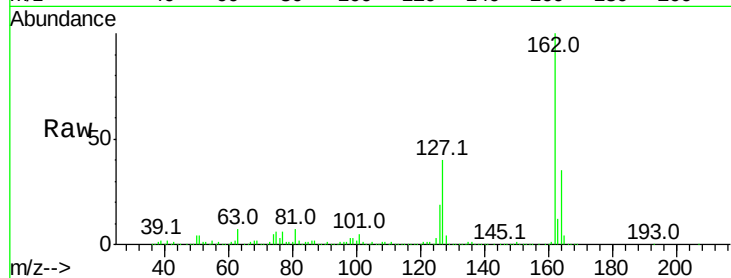




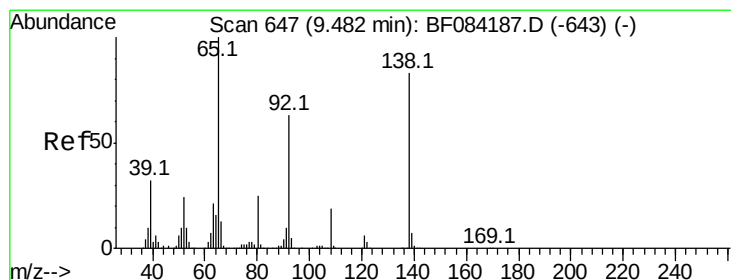
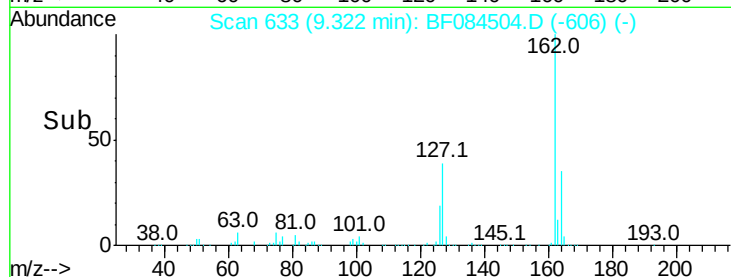
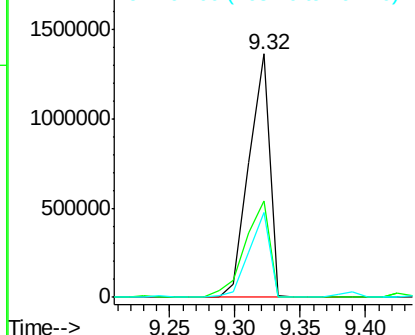
#46
2-Chloronaphthalene
Concen: 47.31 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1510374
Ion Ratio Lower Upper
162 100
127 39.5 40.2 60.4#
164 35.0 25.7 38.5

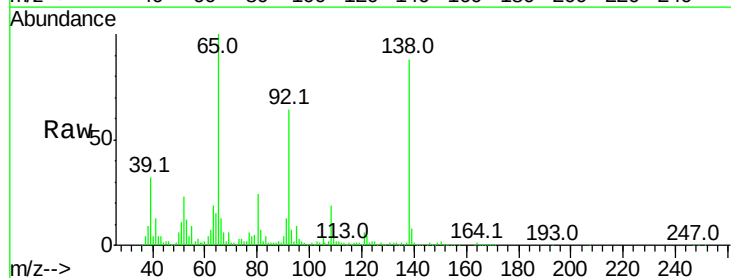


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

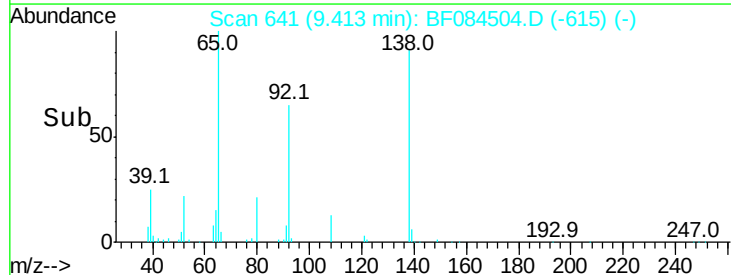
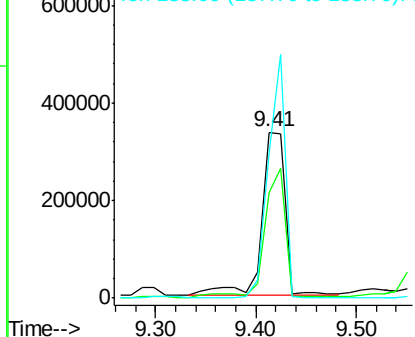


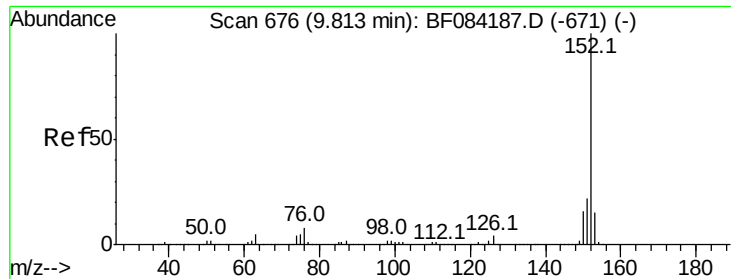
#47
2-Nitroaniline
Concen: 51.85 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion: 65 Resp: 546388
Ion Ratio Lower Upper
65 100
92 63.6 53.4 80.2
138 87.7 71.1 106.7



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





#48

Acenaphthylene

Concen: 44.47 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

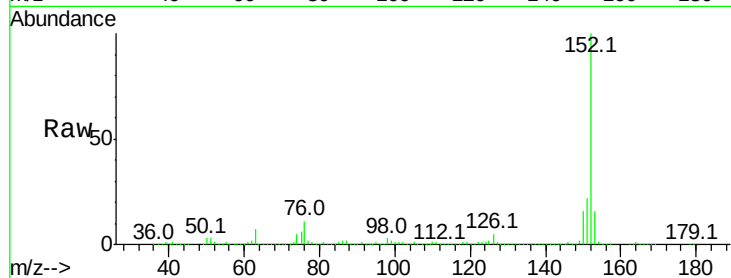
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2097494

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.3	24.5
153	15.6	10.4	15.6

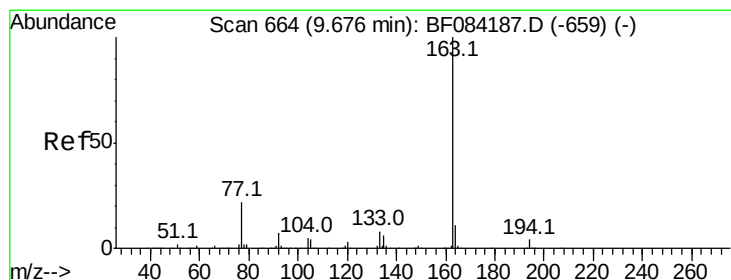
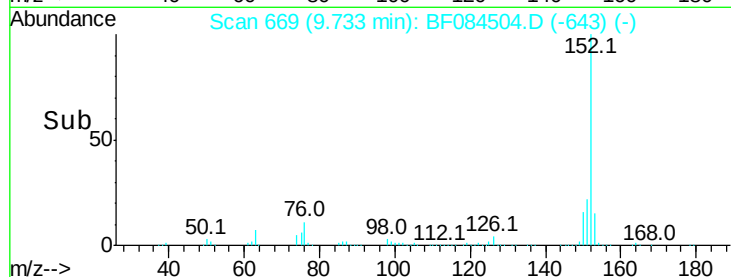
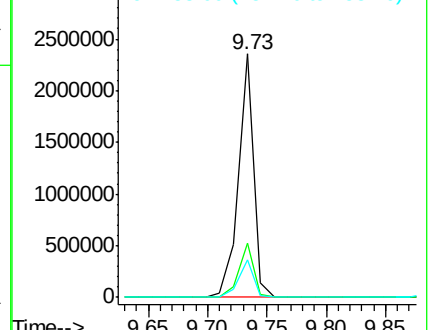


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.77 ng

RT: 9.61 min Scan# 658

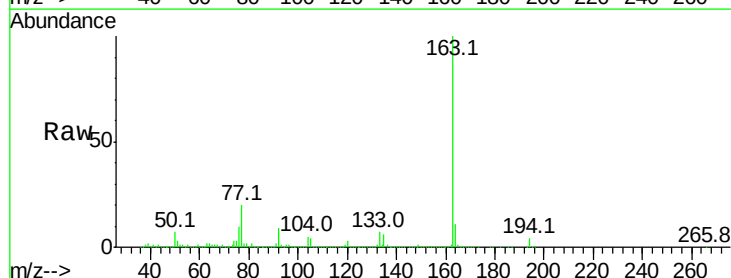
Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Tgt Ion:163 Resp: 1819517

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	11.3	8.0	12.0

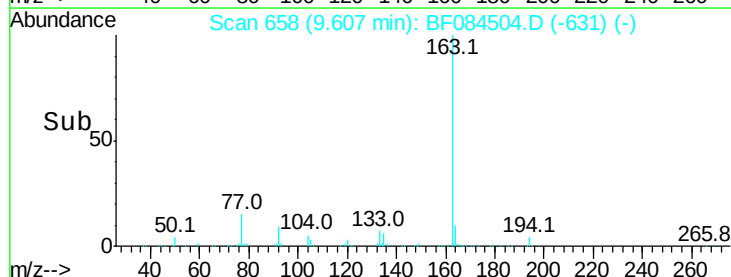
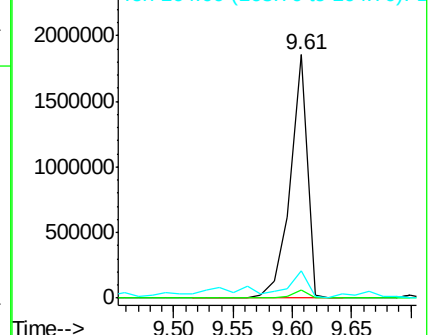


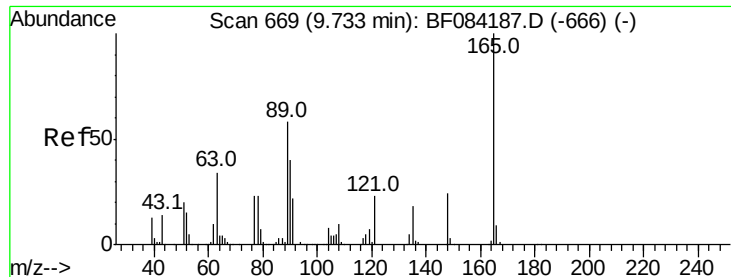
Abundance

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: 53.89 ng

RT: 9.66 min Scan# 663

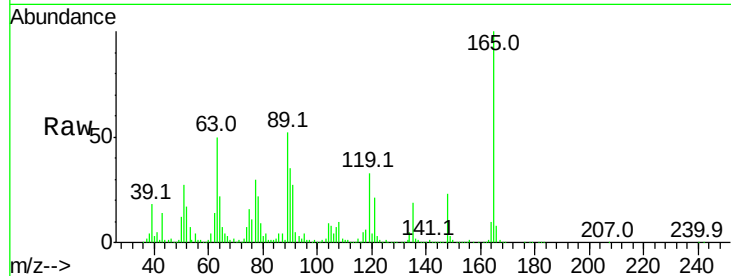
Delta R.T. 0.01 min

Lab File: BF084504.D

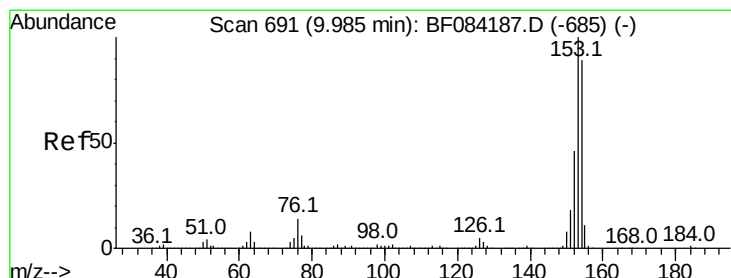
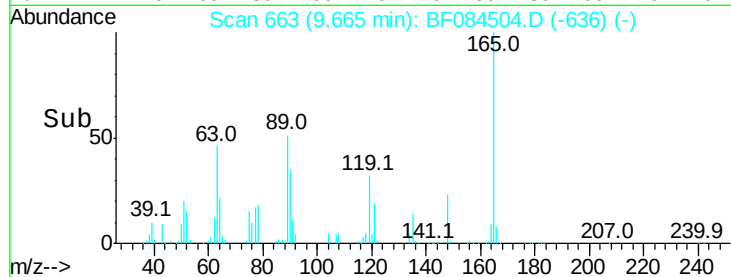
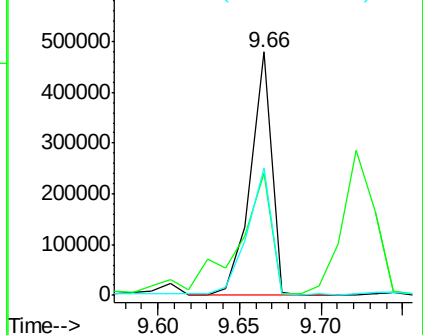
Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 432127
Ion Ratio Lower Upper
165 100
63 50.2 28.8 43.2#
89 52.3 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: 49.96 ng

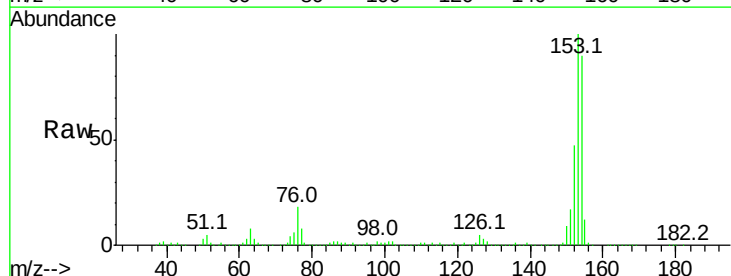
RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

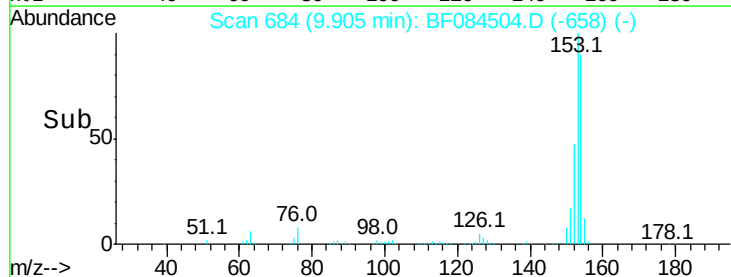
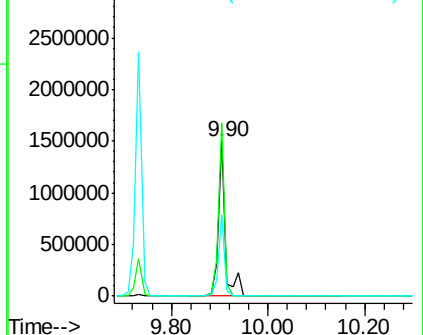
Lab File: BF084504.D

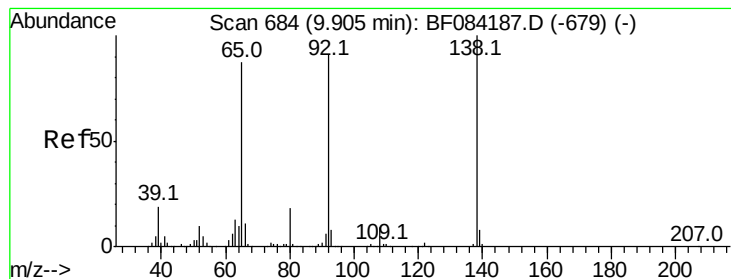
Acq: 15 Jan 2016 21:26

Tgt Ion:154 Resp: 1580830
Ion Ratio Lower Upper
154 100
153 111.6 91.5 137.3
152 52.5 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: 19.03 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

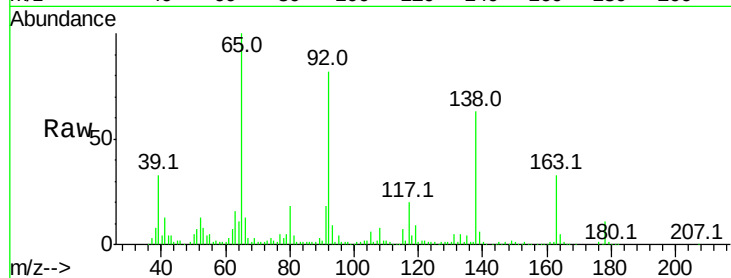
Tot Ion:138 Resp: 189115

Ion Ratio Lower Upper

138 100

108 12.5 10.5 15.7

92 131.5 103.9 155.9

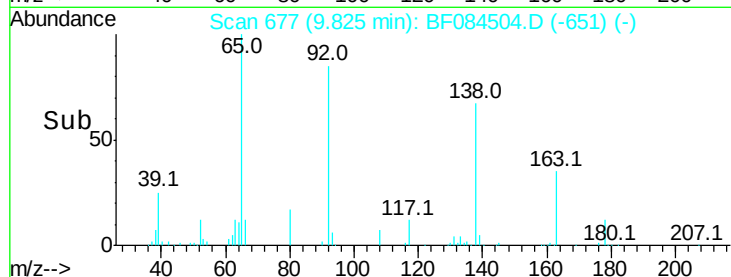


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->

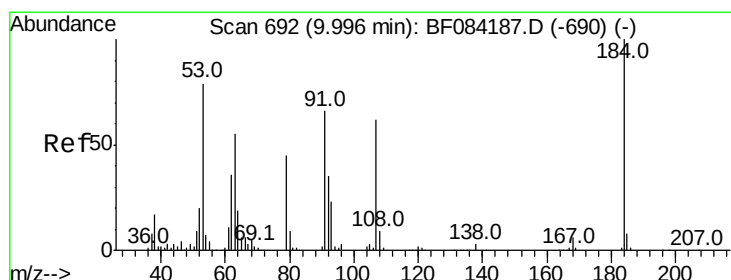


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->



#53

2,4-Dinitrophenol

Concen: 104.00 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

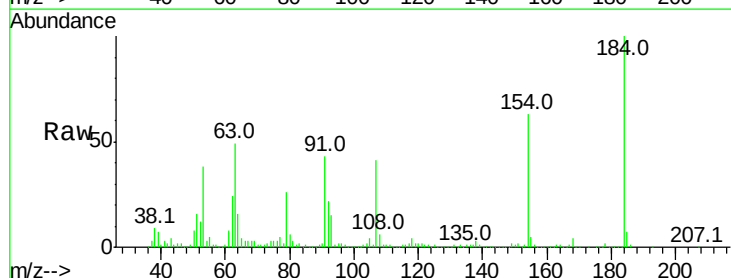
Tgt Ion:184 Resp: 359082

Ion Ratio Lower Upper

184 100

63 48.7 43.1 64.7

154 63.5 60.5 90.7

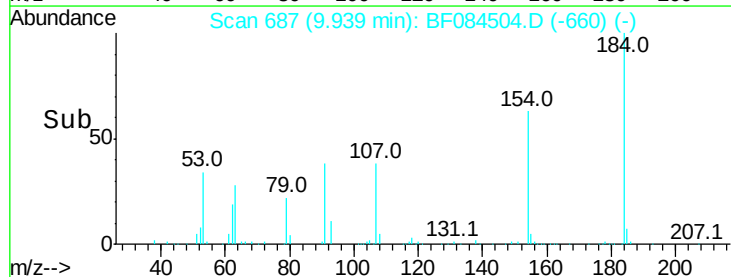


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

Time-->

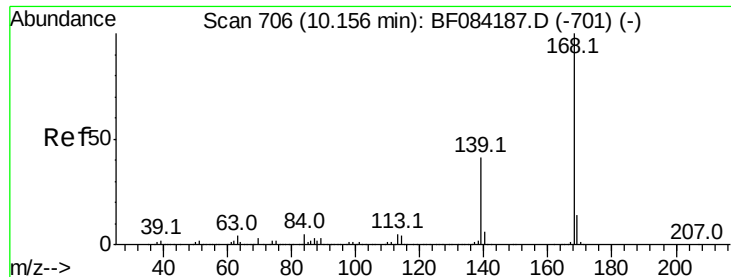


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

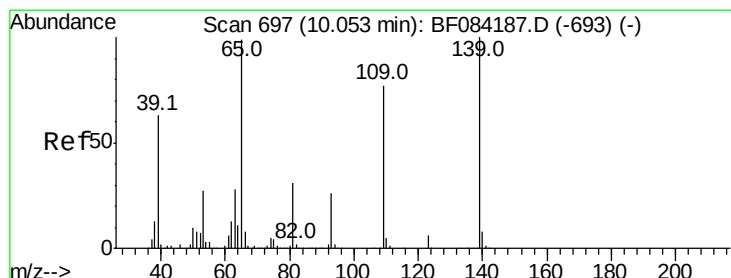
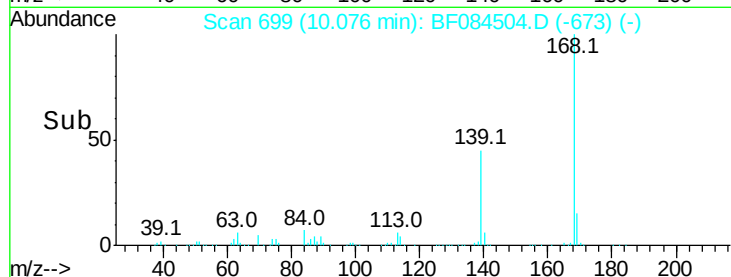
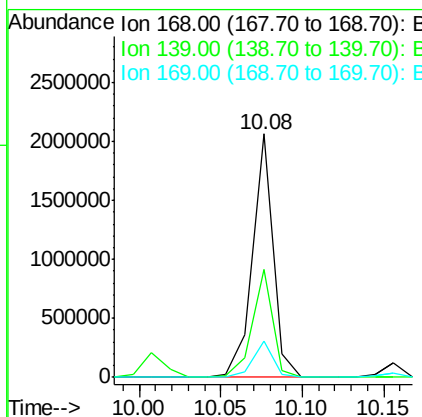
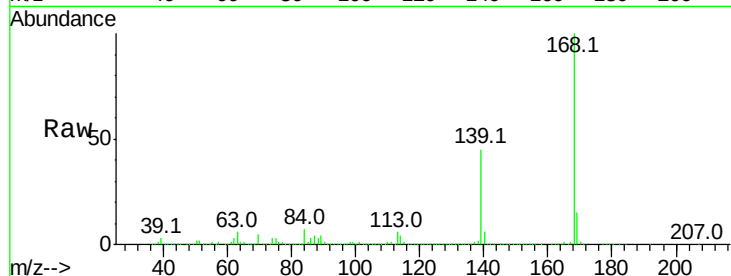
Time-->



#54
Dibenzofuran
Concen: 44.22 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

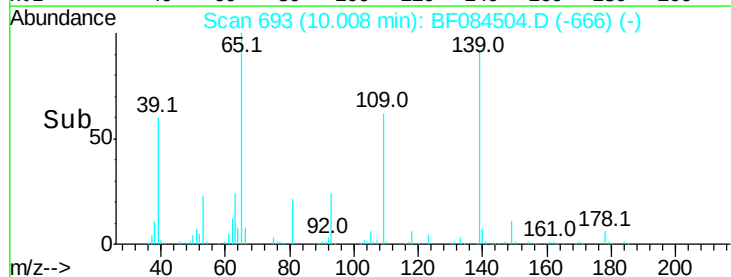
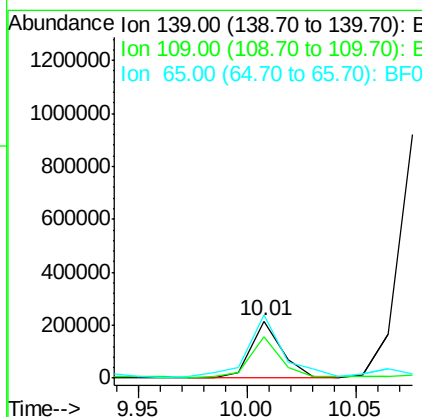
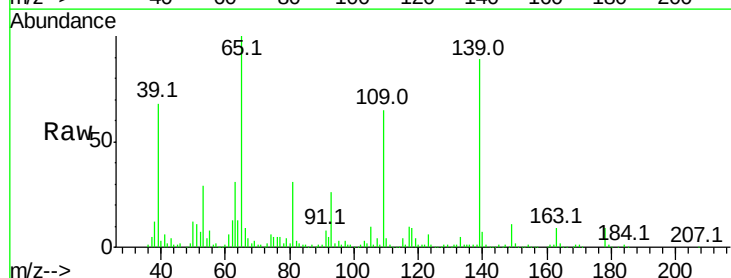
Instrument :
BNA_F
ClientSampleId :

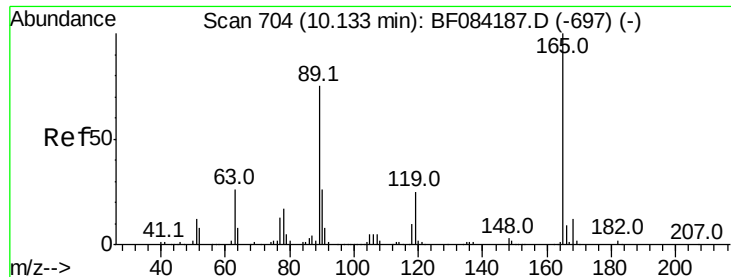
Tot Ion:168 Resp: 1814237
Ion Ratio Lower Upper
168 100
139 44.6 30.5 45.7
169 14.7 10.4 15.6



#55
4-Nitrophenol
Concen: 29.37 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:139 Resp: 211820
Ion Ratio Lower Upper
139 100
109 72.2 58.5 98.5
65 111.8 57.6 97.6#

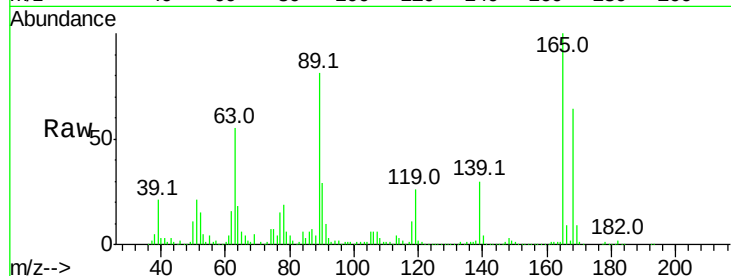




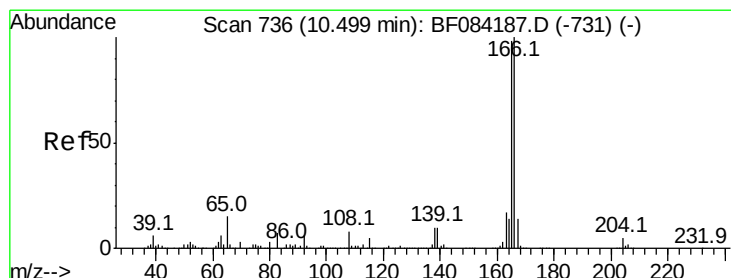
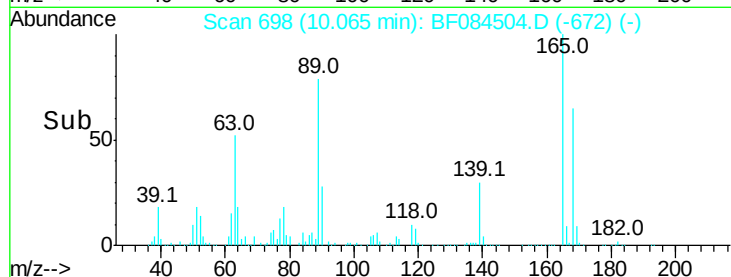
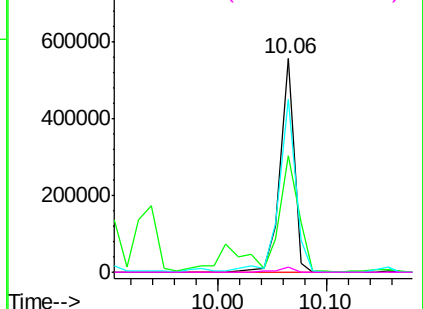
#56
2,4-Dinitrotoluene
Concen: 48.42 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 491465
Ion Ratio Lower Upper
165 100
63 54.7 36.7 55.1
89 80.7 61.9 92.9
182 2.1 2.0 3.0

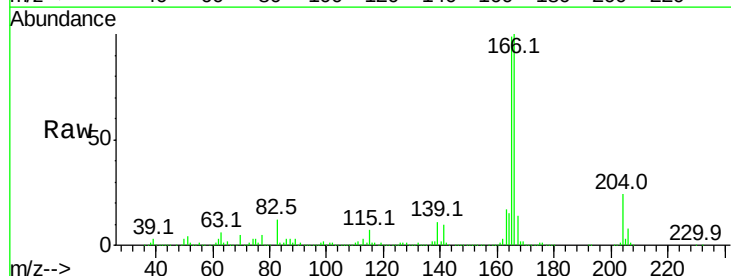


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

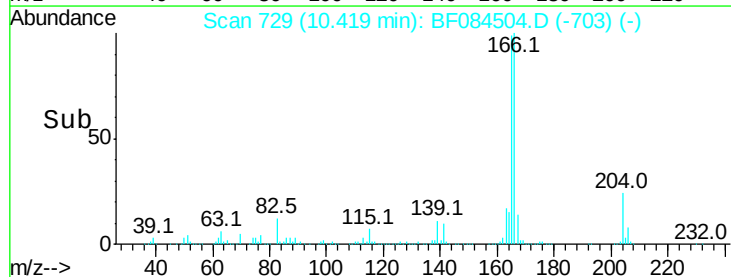
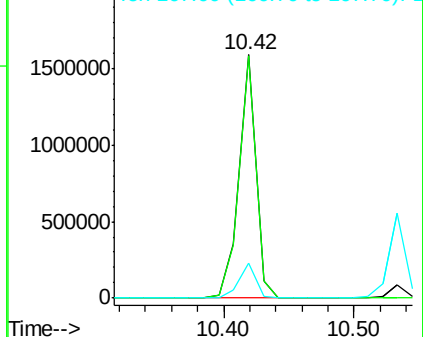


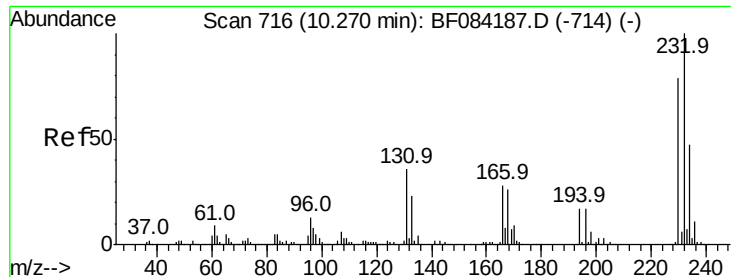
#57
Fluorene
Concen: 45.04 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:166 Resp: 1427228
Ion Ratio Lower Upper
166 100
165 99.3 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: 47.38 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 426570

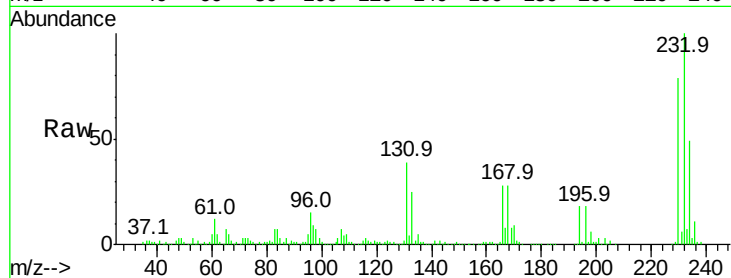
Ion Ratio Lower Upper

232 100

131 47.3 47.0 70.6

130 2.8 2.0 3.0

166 31.7 30.5 45.7

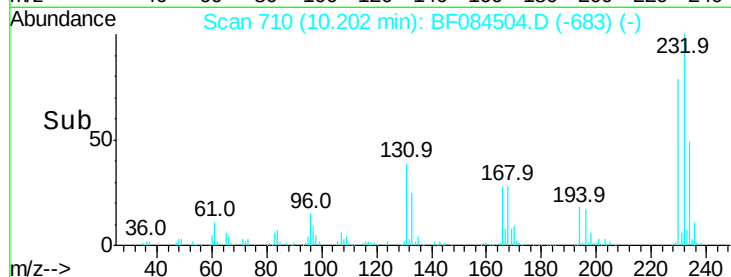


Abundance Ion 232.00 (231.70 to 232.70): E

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



2500000

2000000

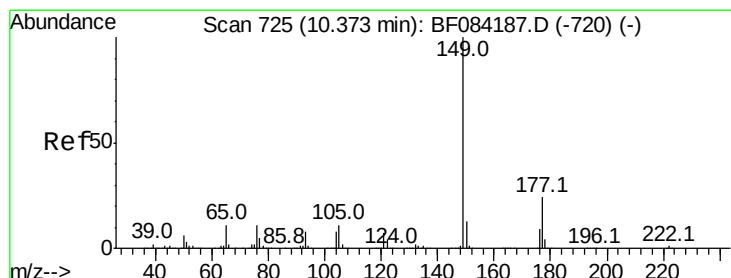
1500000

1000000

500000

0

Time--> 10.10 10.20 10.30



#59

Diethylphthalate

Concen: 48.44 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

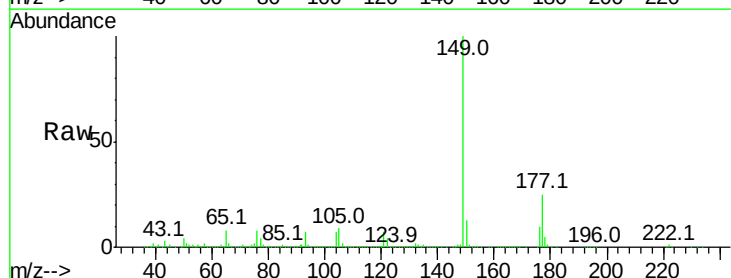
Tgt Ion:149 Resp: 1746152

Ion Ratio Lower Upper

149 100

177 24.5 17.3 25.9

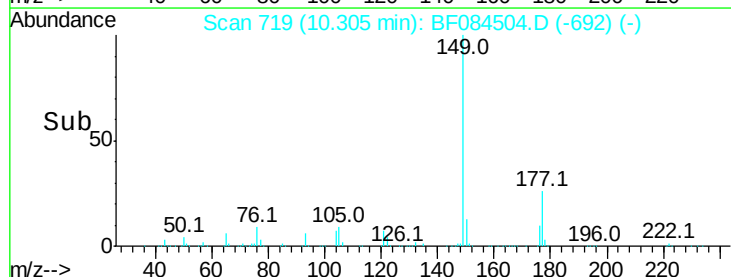
150 13.1 9.8 14.8



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



2000000

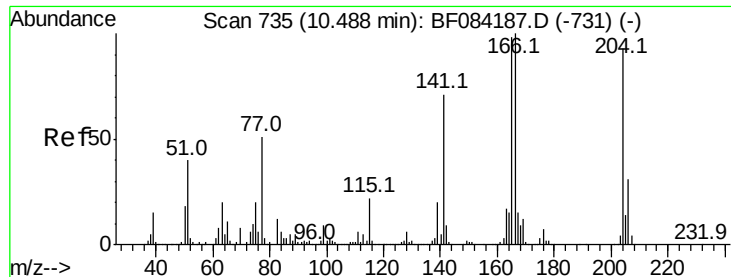
1500000

1000000

500000

0

Time--> 10.30 10.40



#60

4-Chlorophenyl-phenylether

Concen: 50.78 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampled :

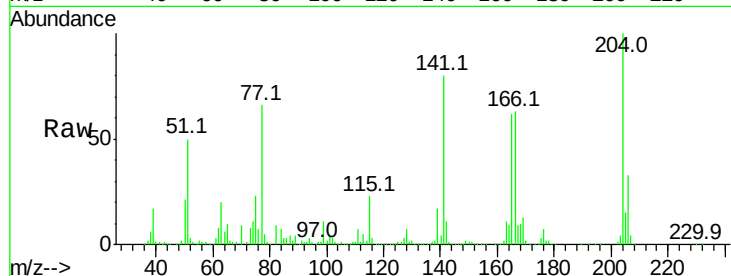
Tot Ion:204 Resp: 665395

Ion Ratio Lower Upper

204 100

206 32.6 25.7 38.5

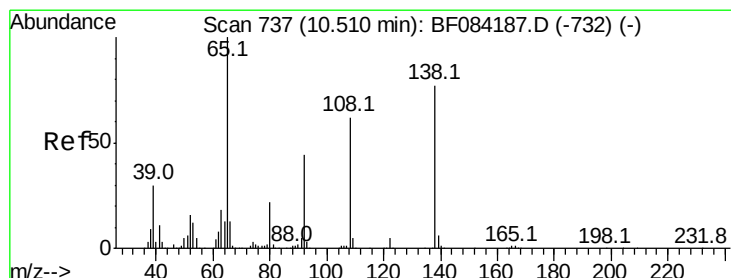
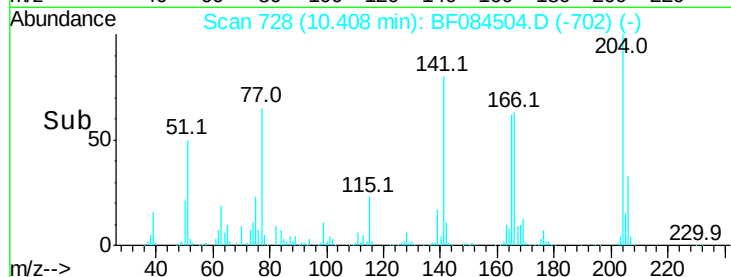
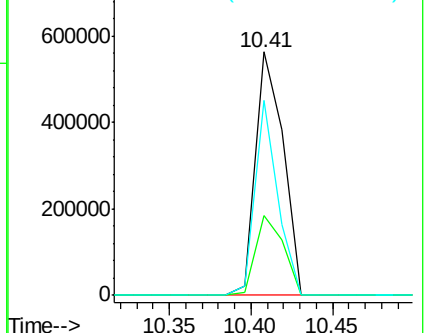
141 80.1 55.1 82.7



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: 35.26 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

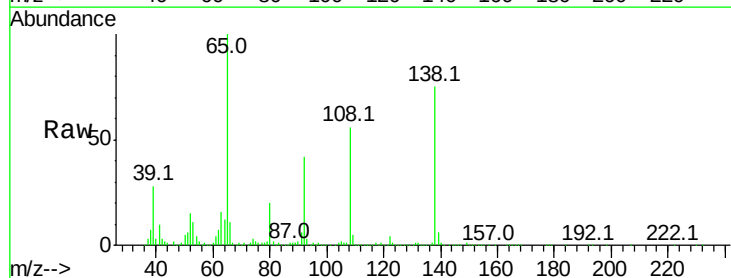
Tgt Ion:138 Resp: 312312

Ion Ratio Lower Upper

138 100

92 56.2 32.6 72.6

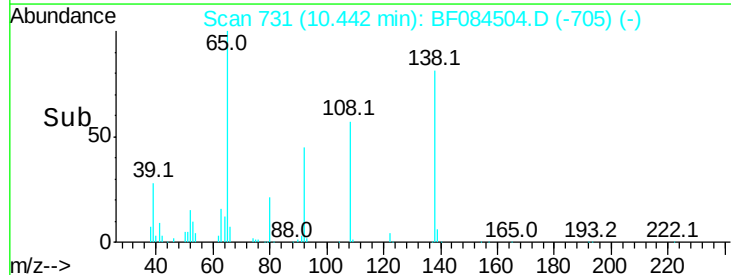
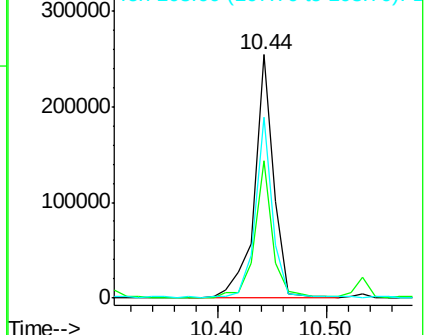
108 74.0 68.6 108.6

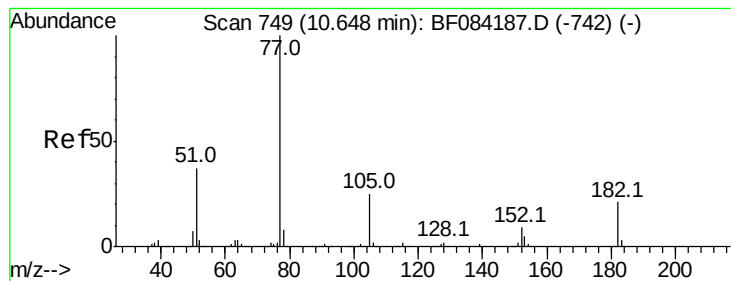


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.08 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1703456

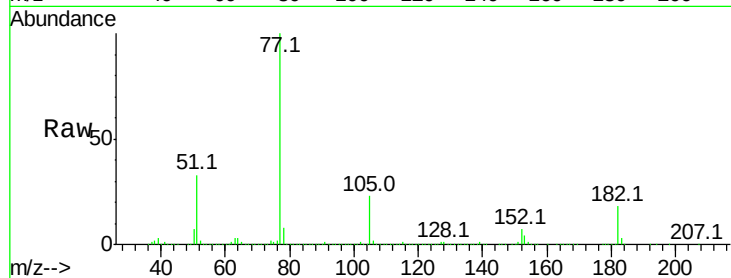
Ion Ratio Lower Upper

77 100

182 18.4 8.3 48.3

105 23.3 4.6 44.6

51 33.2 6.2 46.2

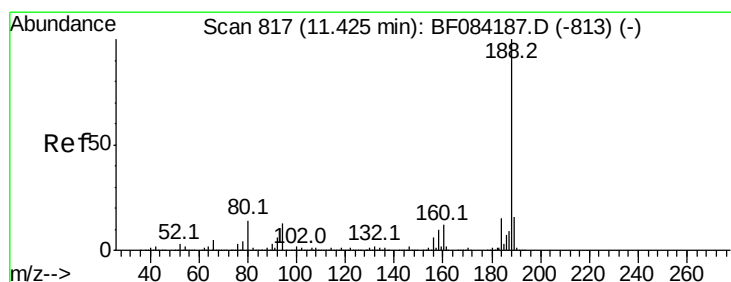
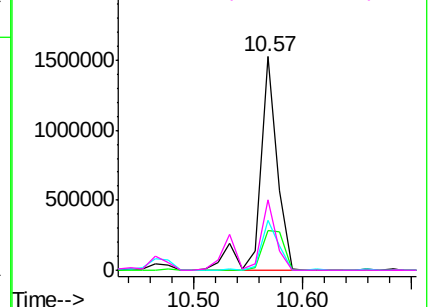
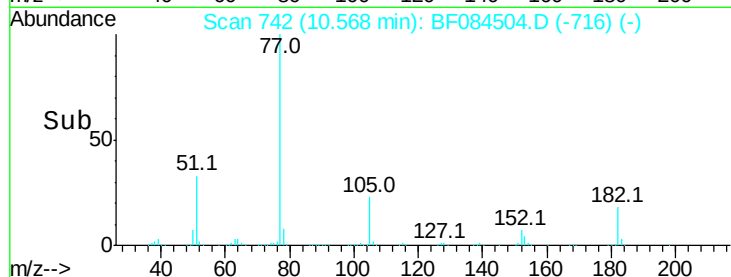


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

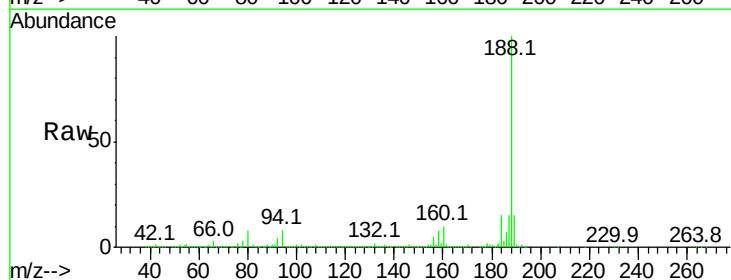
Tgt Ion: 188 Resp: 822618

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.4#

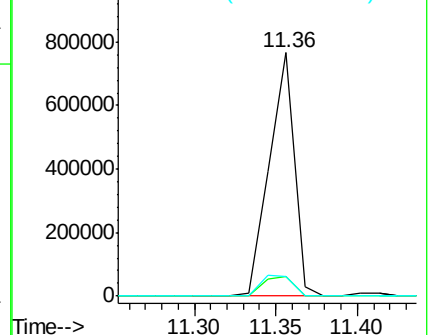
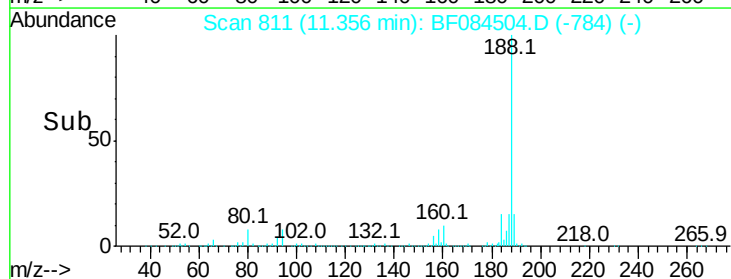
80 8.1 9.6 14.4#

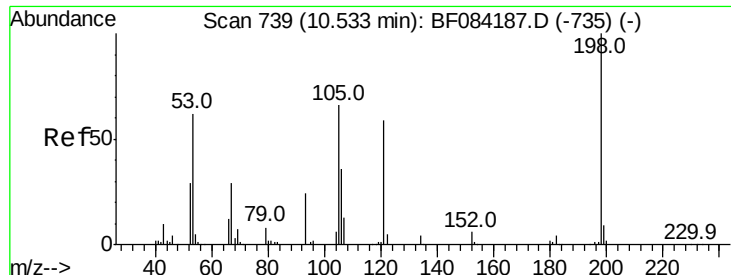


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

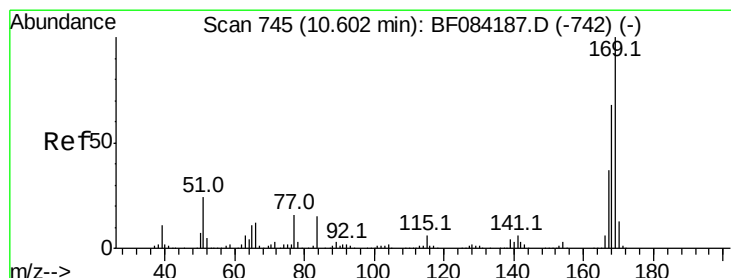
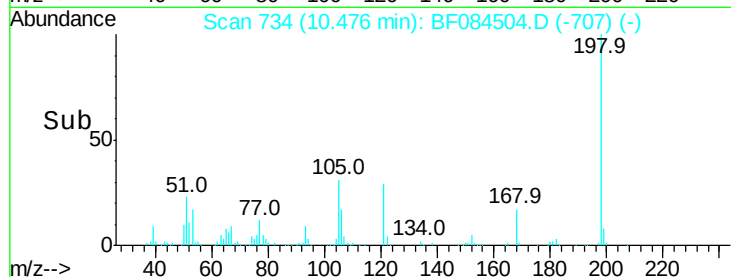
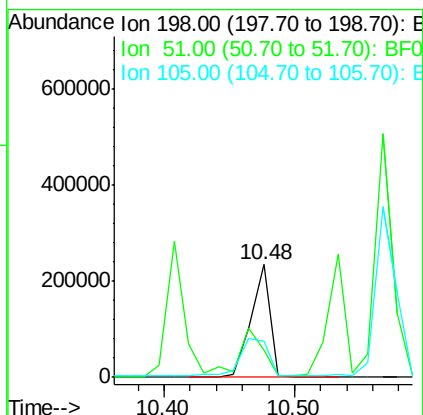
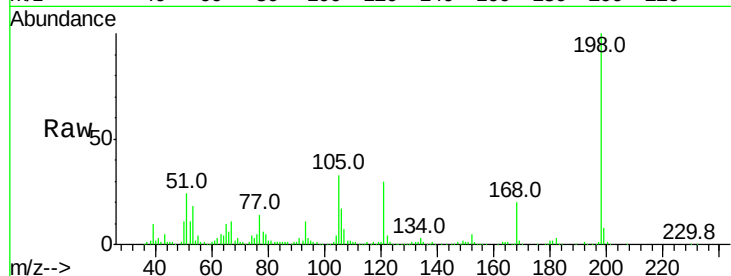




#64
4,6-Dinitro-2-methylphenol
Concen: 48.36 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

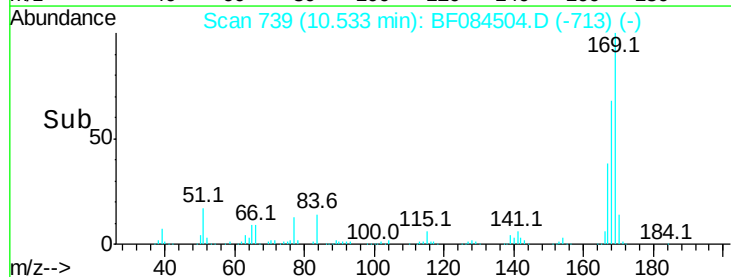
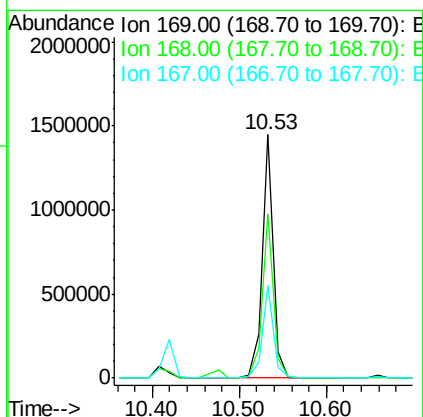
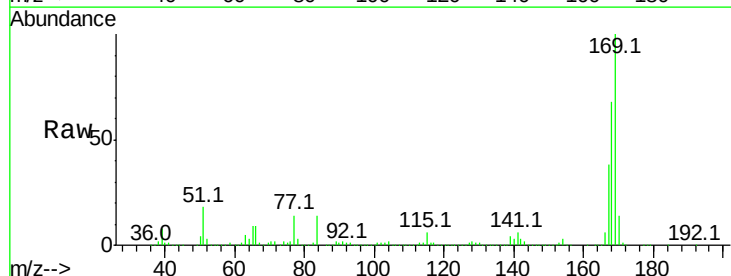
Instrument :
BNA_F
ClientSampleId :

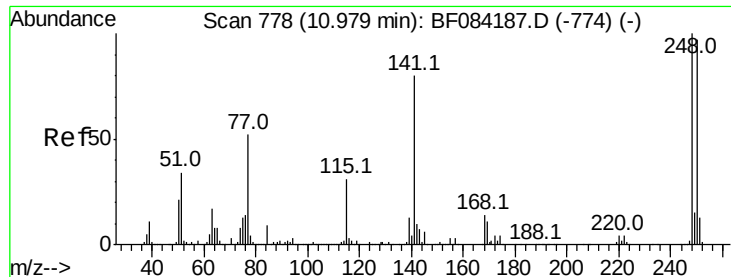
Tot Ion:198 Resp: 240811
Ion Ratio Lower Upper
198 100
51 24.4 18.9 58.9
105 32.8 26.4 66.4



#65
n-Nitrosodiphenylamine
Concen: 49.59 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:169 Resp: 1304216
Ion Ratio Lower Upper
169 100
168 67.7 55.1 82.7
167 38.3 30.0 45.0

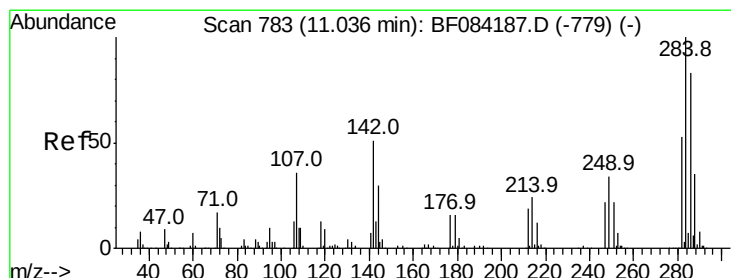
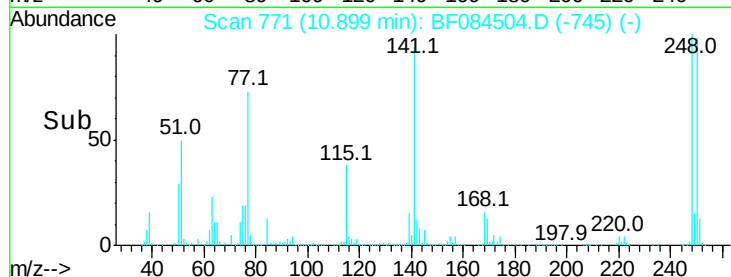
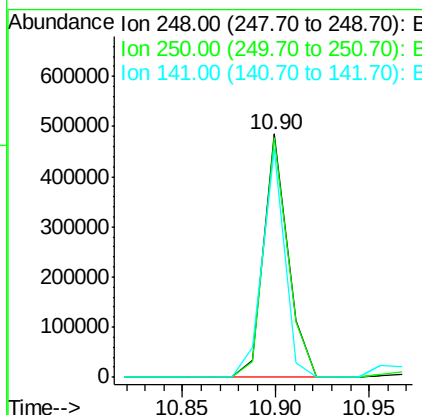
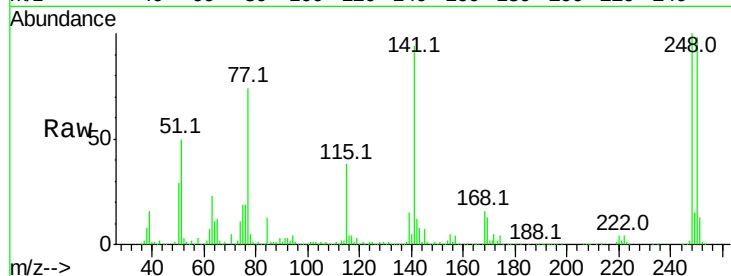




#66
 4-Bromophenyl-phenylether
 Concen: 49.07 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

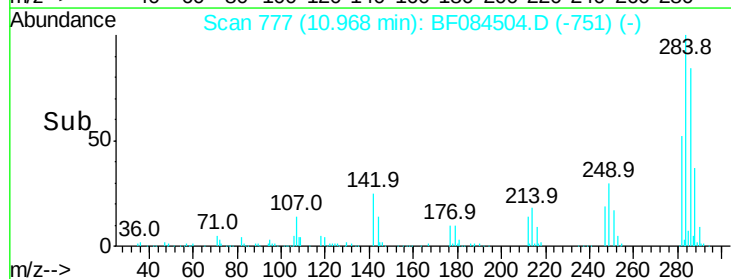
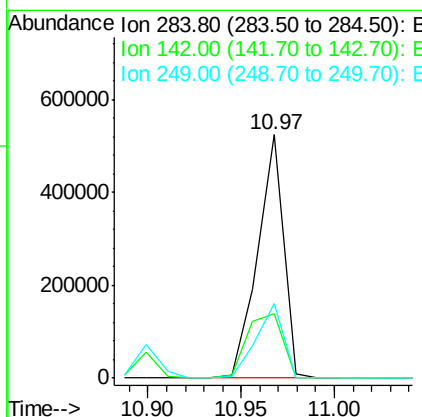
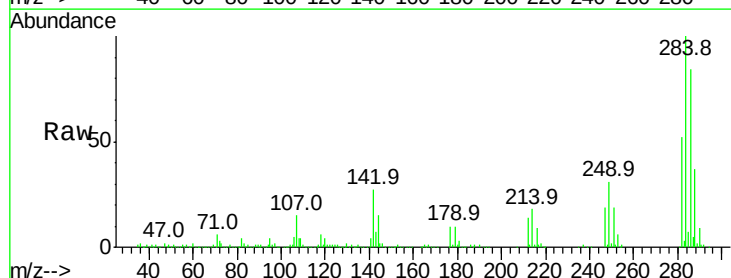
Instrument :
 BNA_F
 ClientSampleId :

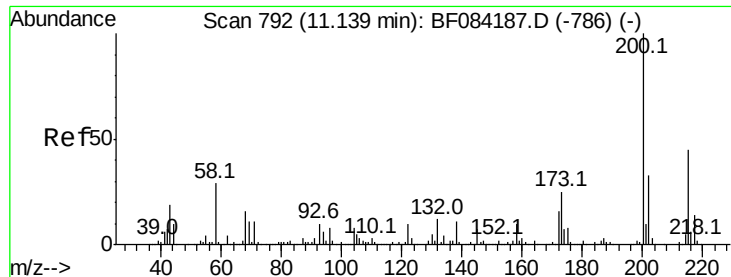
Tot Ion:248 Resp: 434429
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.4 117.6
 141 93.6 44.0 66.0#



#67
 Hexachlorobenzene
 Concen: 50.31 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion:284 Resp: 501339
 Ion Ratio Lower Upper
 284 100
 142 26.5 22.2 33.4
 249 30.7 24.6 37.0





#68

Atrazine

Concen: 47.89 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampleId :

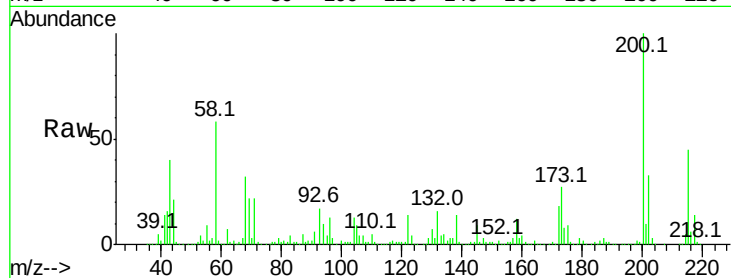
Tot Ion:200 Resp: 412165

Ion Ratio Lower Upper

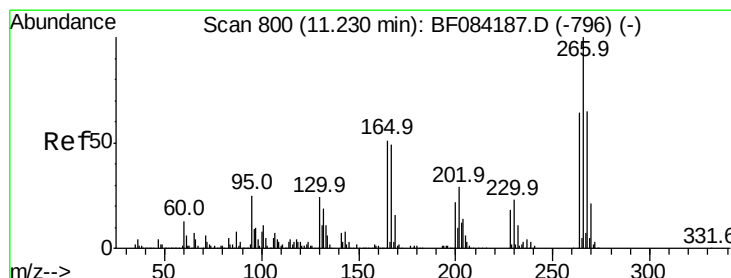
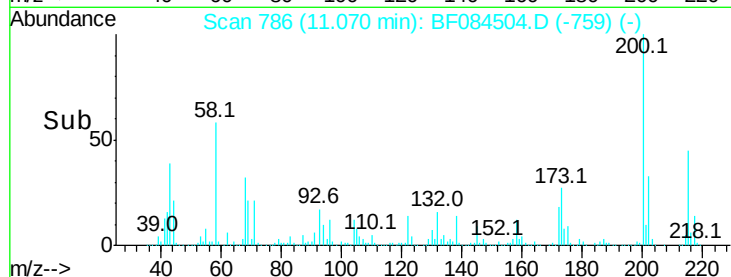
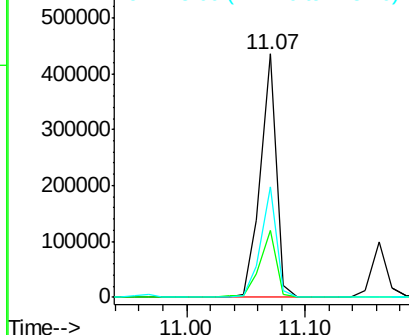
200 100

173 27.4 9.5 49.5

215 45.5 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 87.53 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

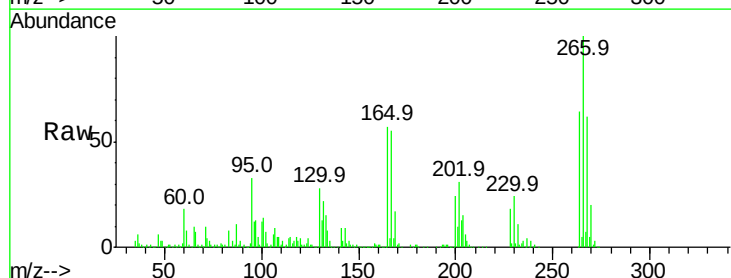
Tgt Ion:266 Resp: 452311

Ion Ratio Lower Upper

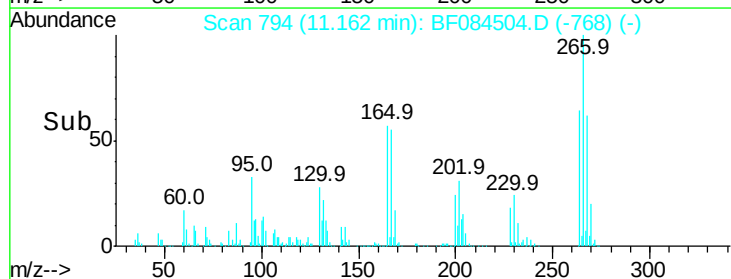
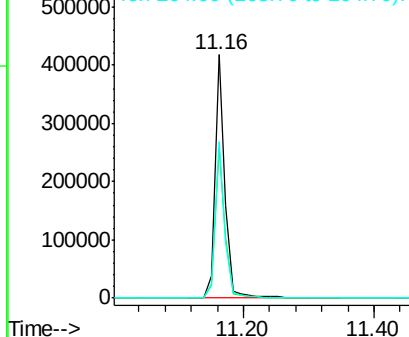
266 100

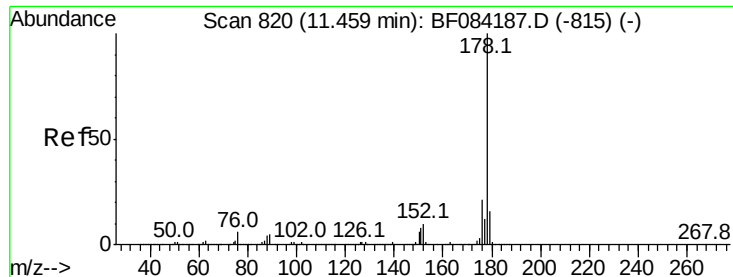
268 61.9 52.4 78.6

264 64.5 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

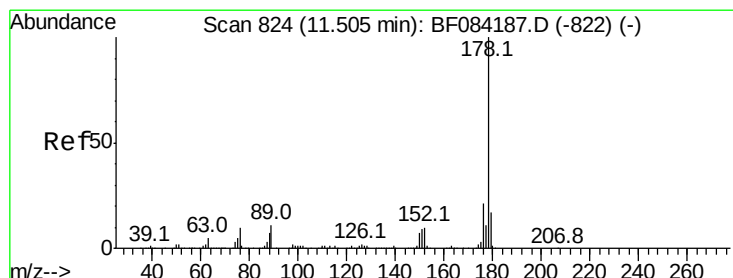
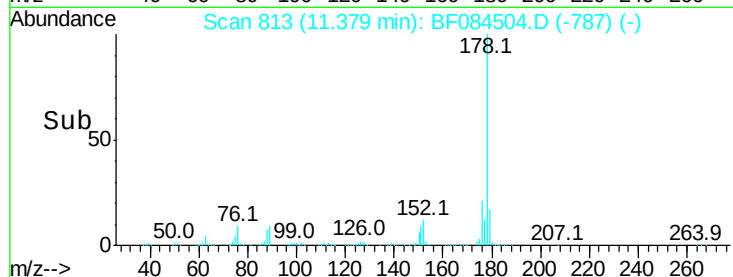
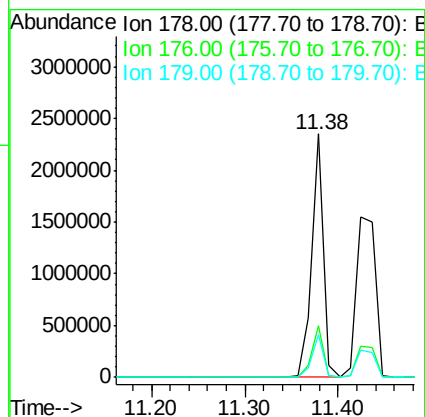
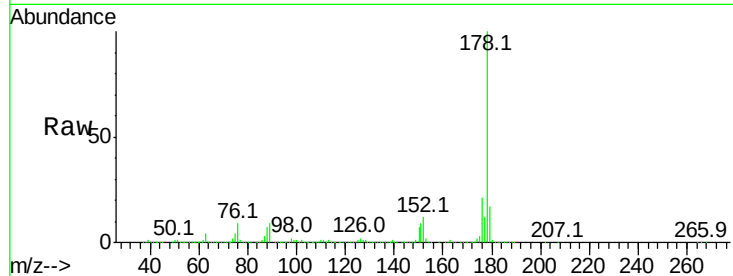




#70
Phenanthrene
Concen: 48.80 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

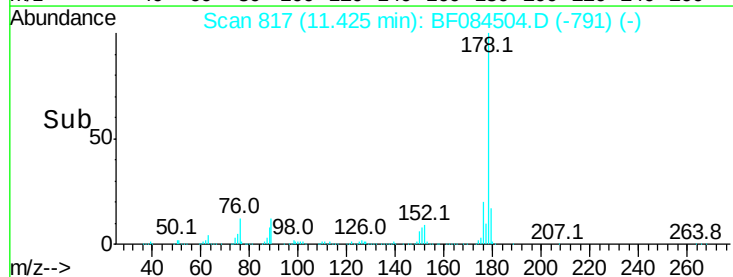
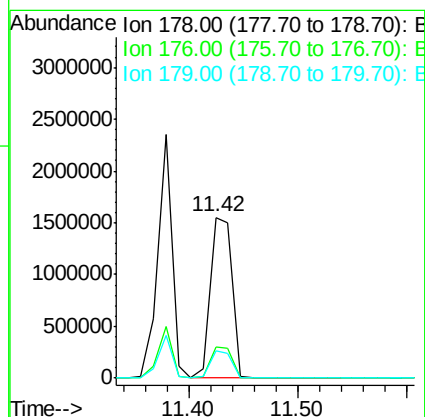
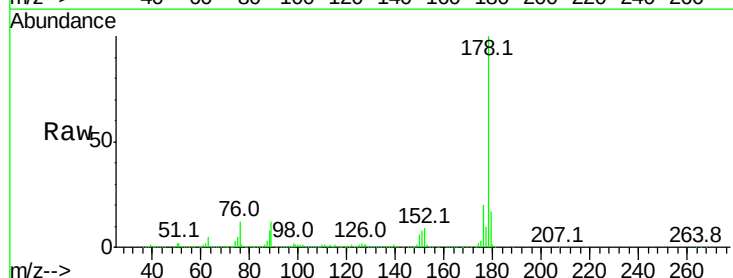
Instrument :
BNA_F
ClientSampleId :

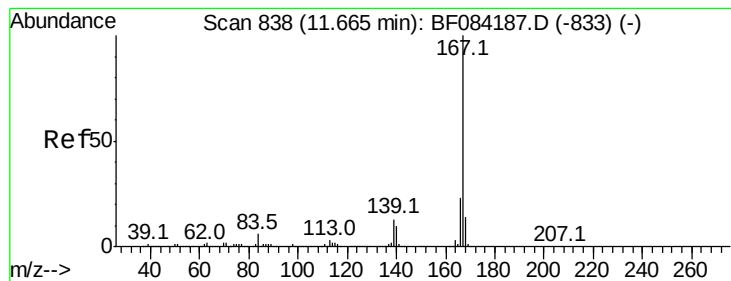
Tot Ion:178 Resp: 2100014
Ion Ratio Lower Upper
178 100
176 21.2 15.3 22.9
179 17.3 12.0 18.0



#71
Anthracene
Concen: 51.35 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:178 Resp: 2165871
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.8 12.5 18.7





#72

Carbazole

Concen: 42.12 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

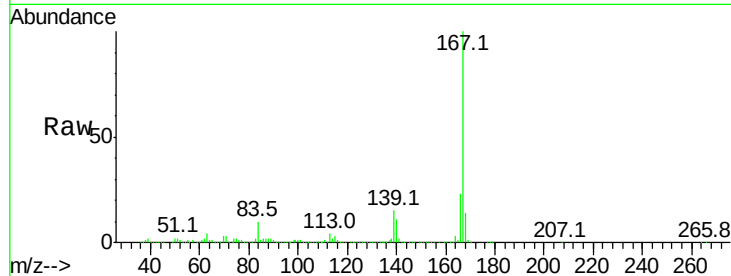
Tot Ion:167 Resp: 1736837

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

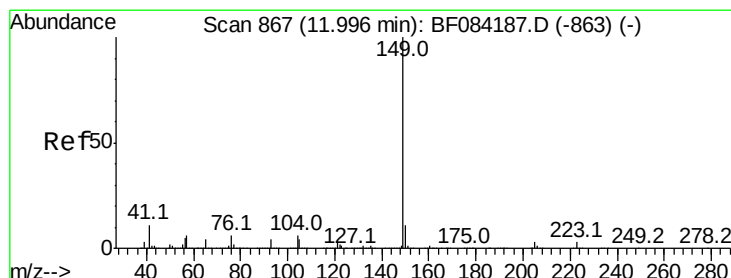
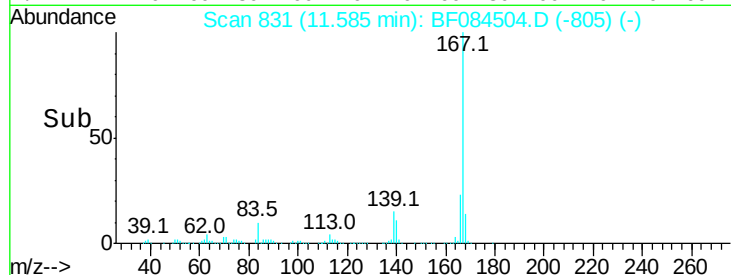
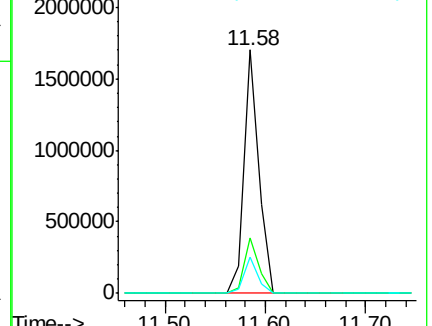
139 15.1 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 55.75 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

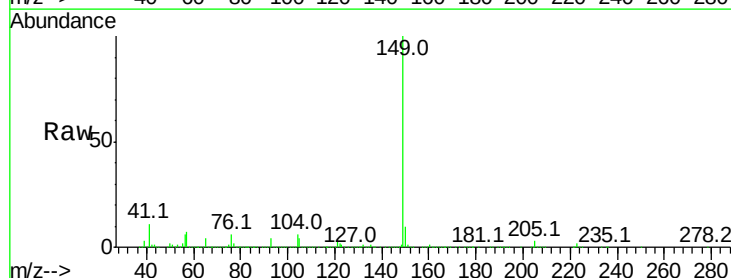
Tgt Ion:149 Resp: 2303237

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

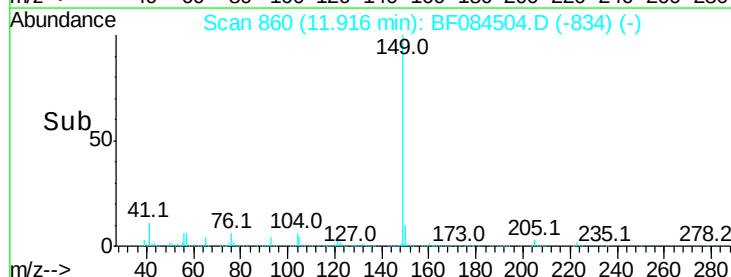
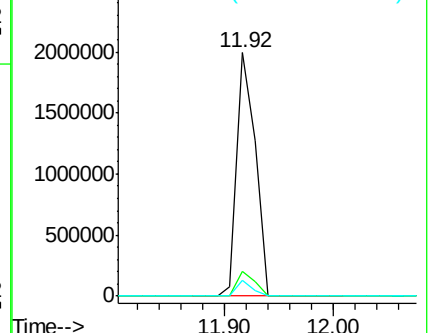
104 6.3 3.2 4.8#

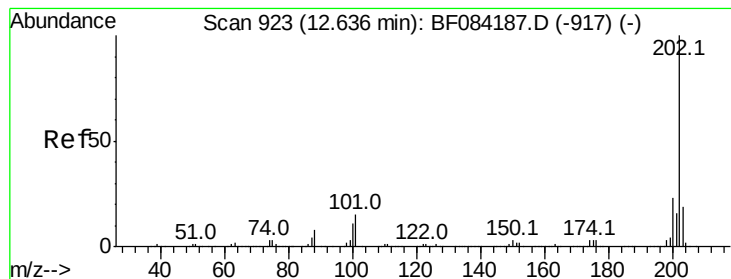


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.55 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

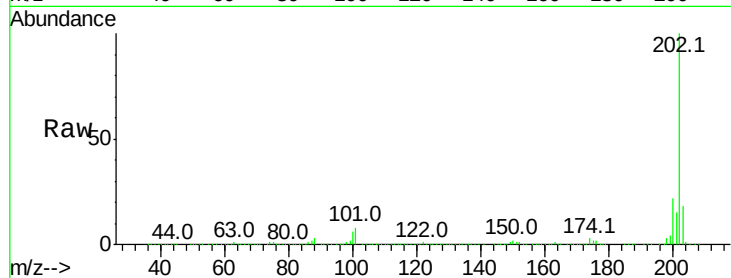
Tot Ion:202 Resp: 2047282

Ion Ratio Lower Upper

202 100

101 7.7 0.0 32.8

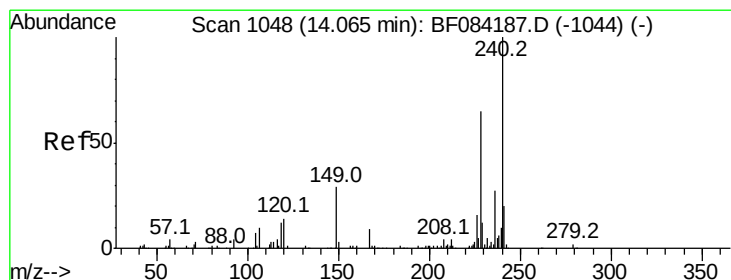
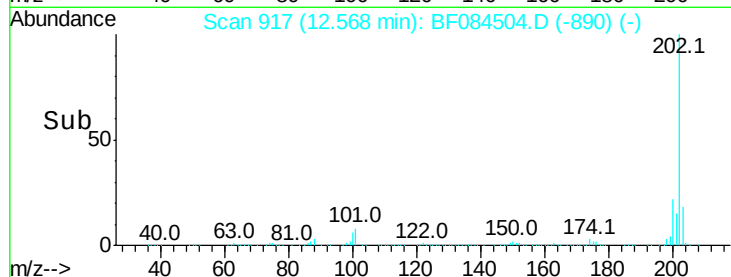
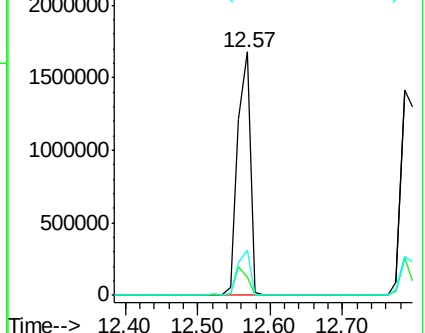
203 18.4 0.0 37.9



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: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

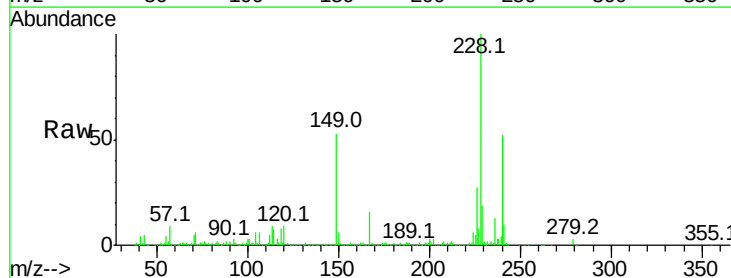
Tgt Ion:240 Resp: 486513

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

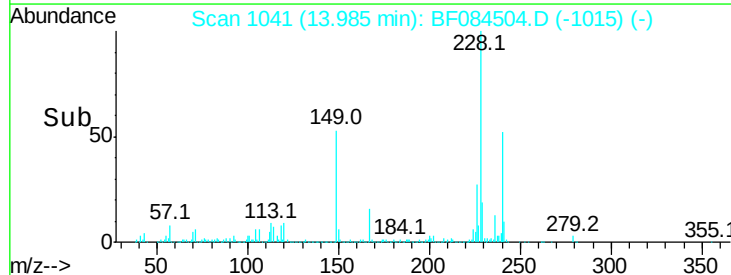
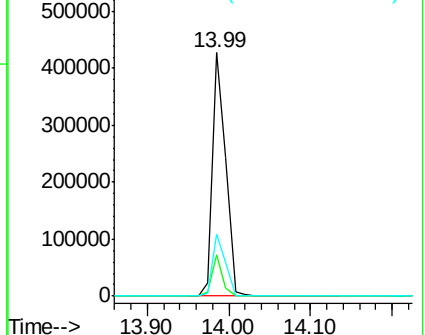
236 25.4 20.6 31.0

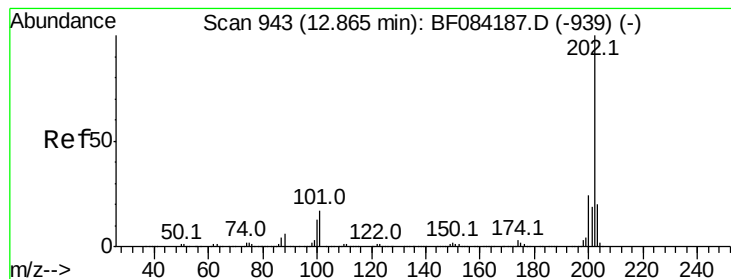


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 50.81 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

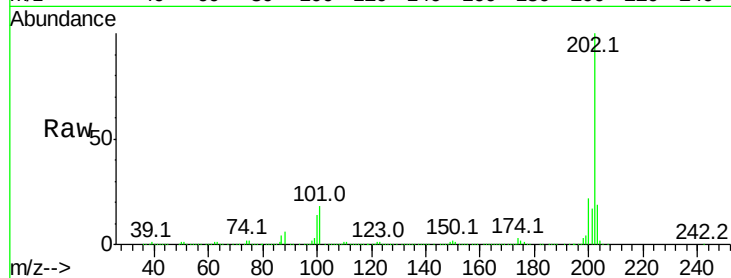
Tot Ion:202 Resp: 1939817

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

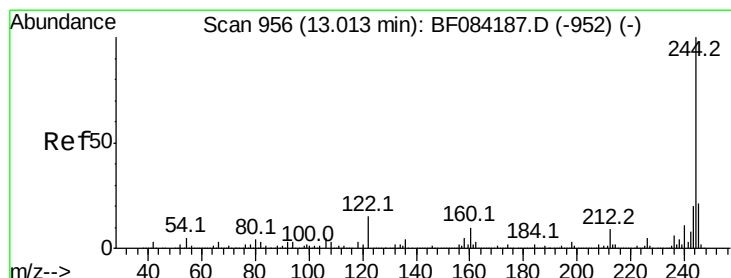
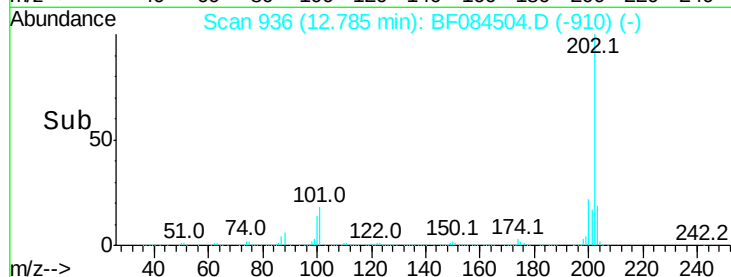
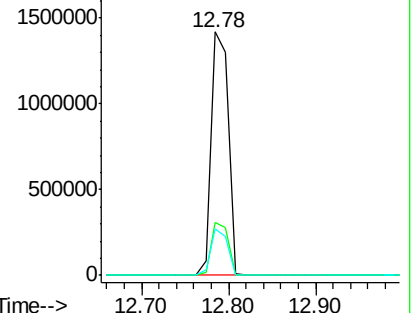
203 18.9 14.3 21.5



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: 97.90 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

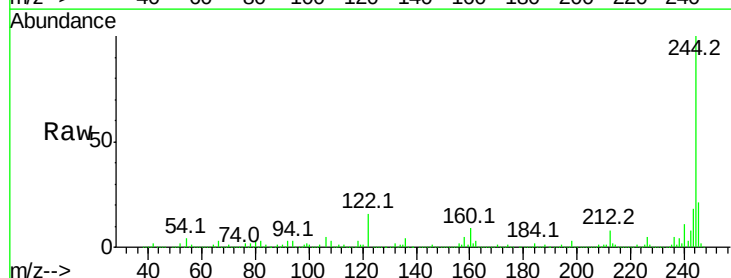
Tgt Ion:244 Resp: 2133872

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

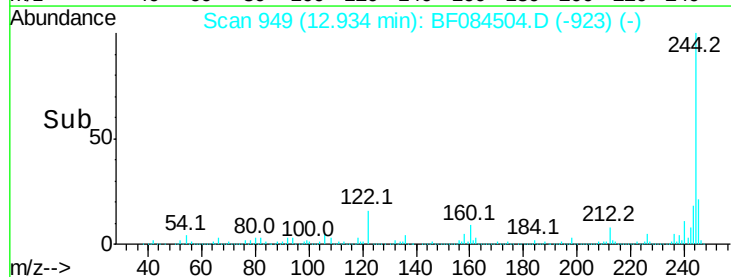
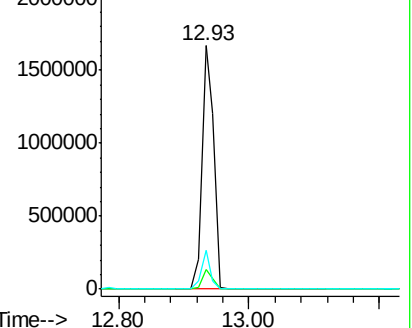
122 15.7 7.4 11.0#

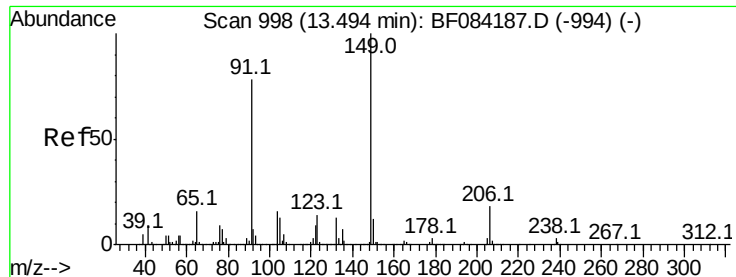


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

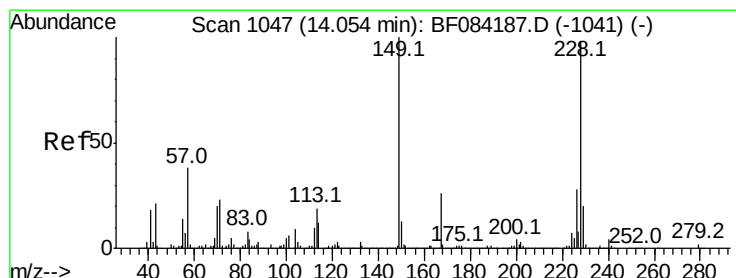
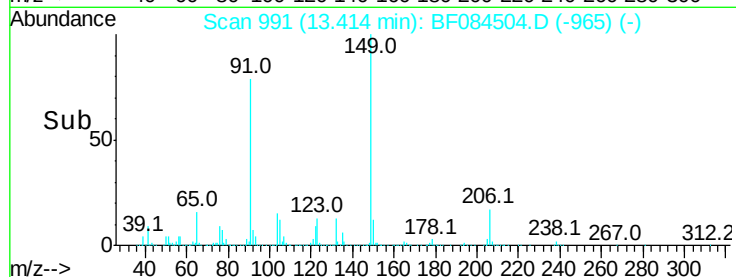
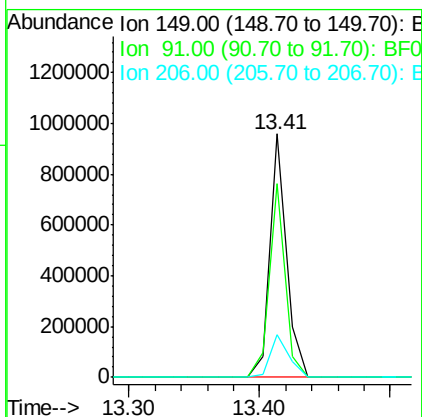
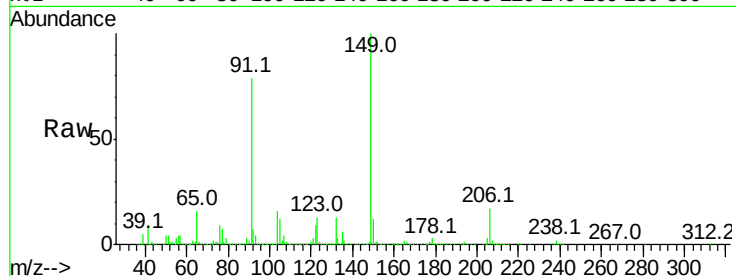




#79
Butylbenzylphthalate
Concen: 51.46 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

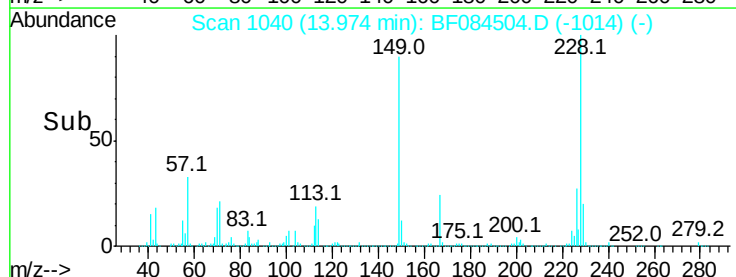
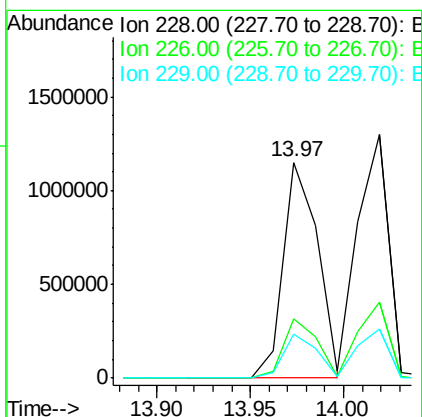
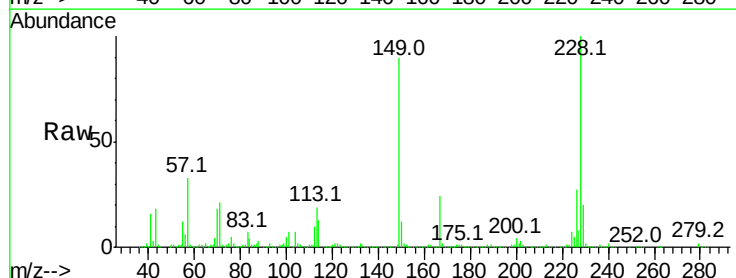
Instrument :
BNA_F
ClientSampleId :

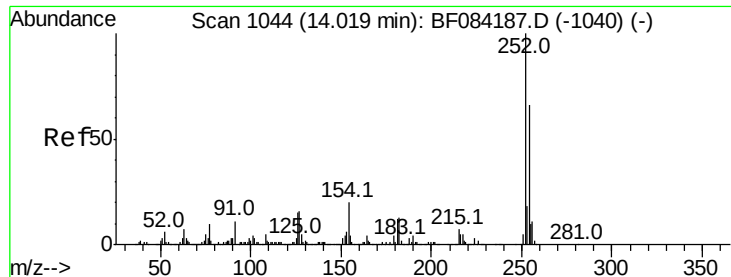
Tot Ion:149 Resp: 850218
Ion Ratio Lower Upper
149 100
91 79.3 57.6 86.4
206 17.4 13.2 19.8



#80
Benzo(a)anthracene
Concen: 51.52 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:228 Resp: 1471881
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.4 15.8 23.8

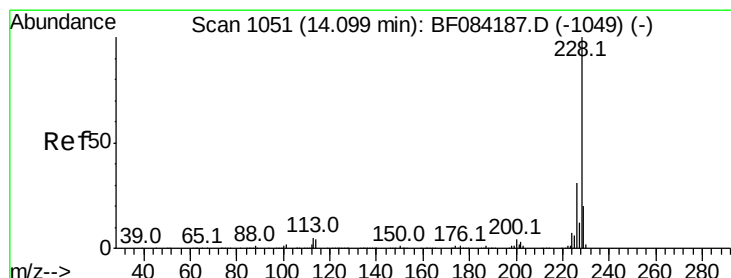
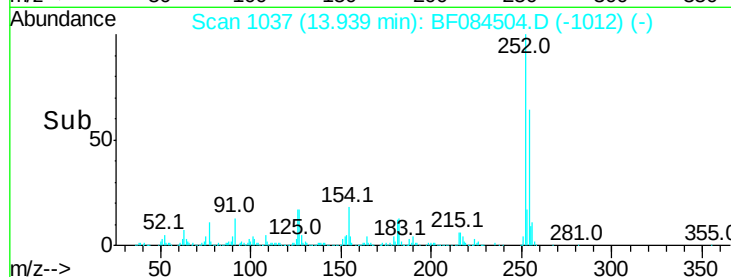
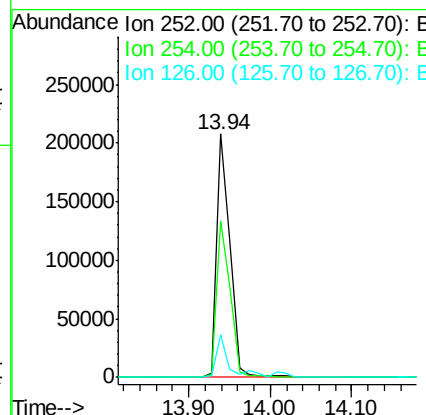
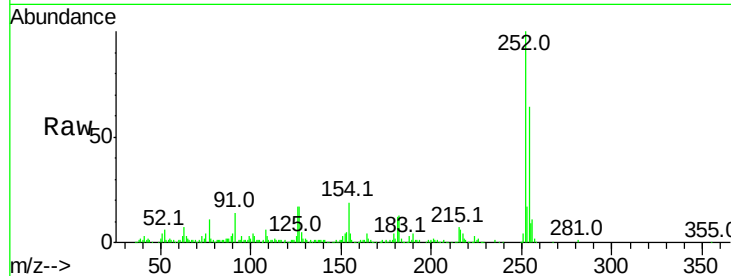




#81
 3,3'-Dichlorobenzidine
 Concen: 23.96 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

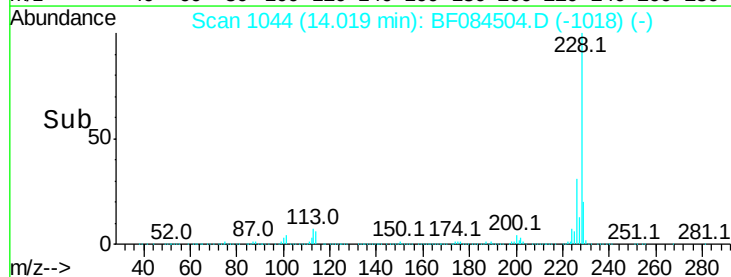
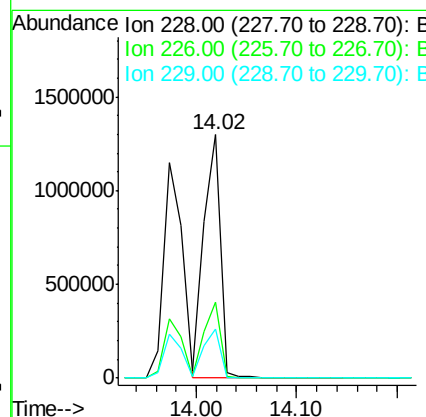
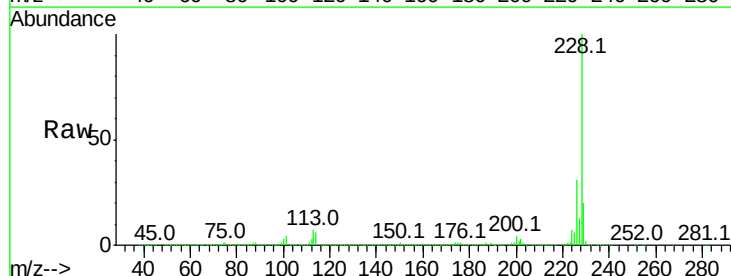
Instrument :
 BNA_F
 ClientSampled :

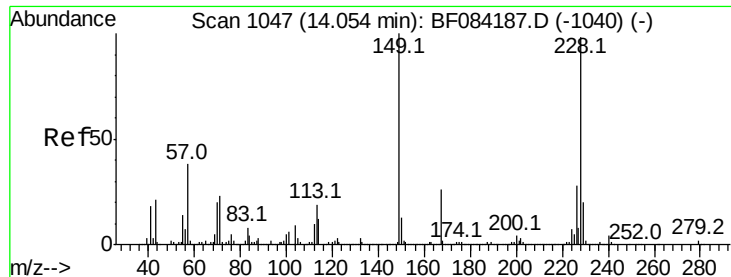
Tot Ion:252 Resp: 238928
 Ion Ratio Lower Upper
 252 100
 254 64.1 53.5 80.3
 126 17.4 4.9 7.3#



#82
 Chrysene
 Concen: 54.63 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion:228 Resp: 1499754
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.3 36.5
 229 20.3 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.71 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

Instrument :

BNA_F

ClientSampleId :

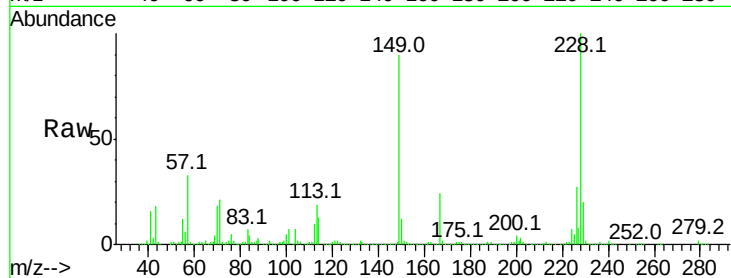
Tot Ion:149 Resp: 1058439

Ion Ratio Lower Upper

149 100

167 26.2 19.7 29.5

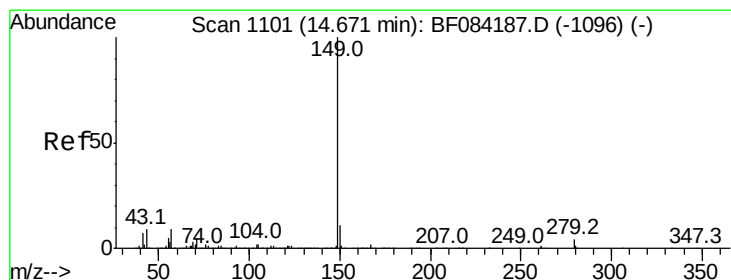
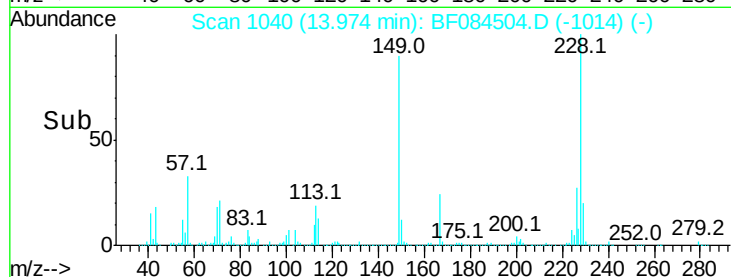
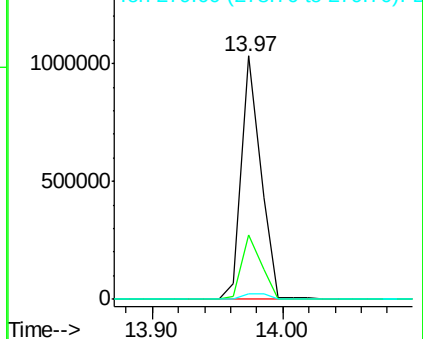
279 2.2 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.62 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF084504.D

Acq: 15 Jan 2016 21:26

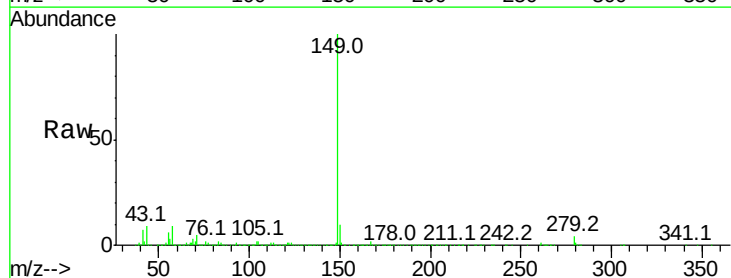
Tgt Ion:149 Resp: 1959852

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

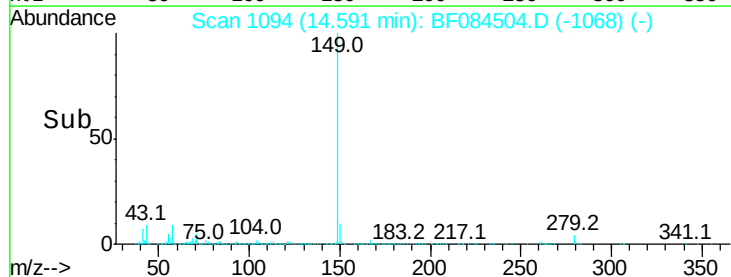
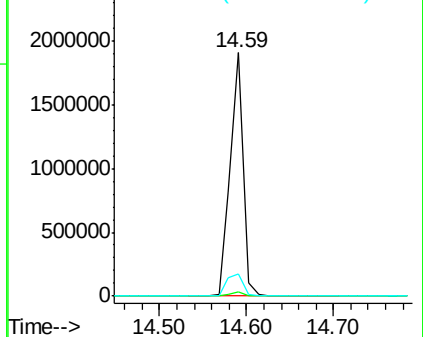
43 11.2 5.6 8.4#

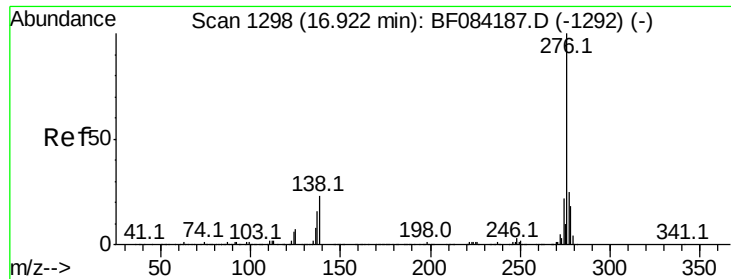


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



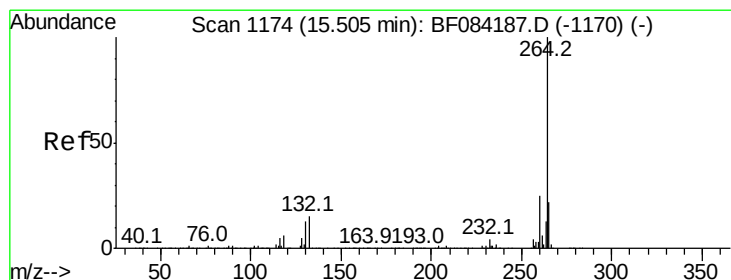
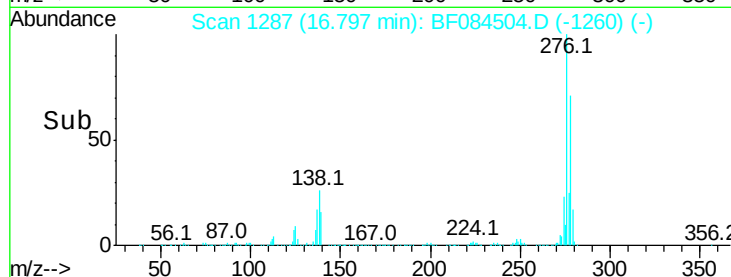
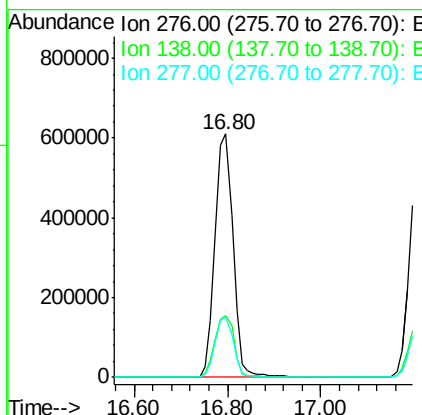
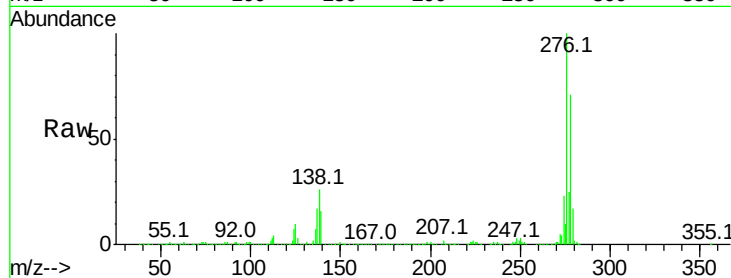


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 76.12 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1656378

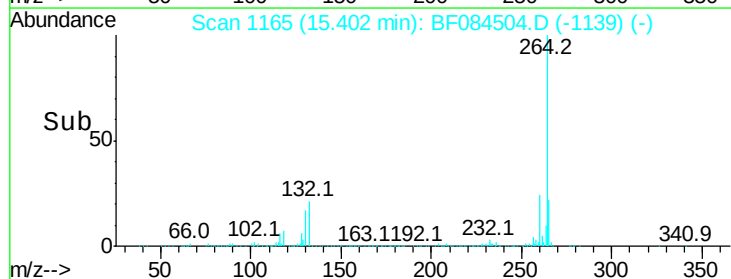
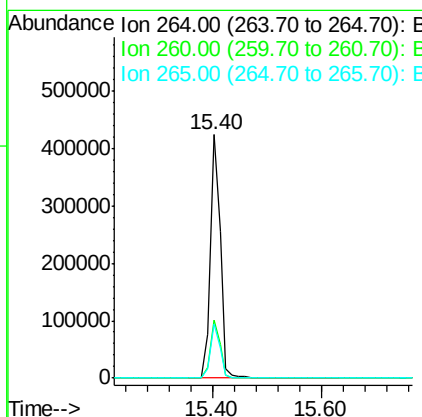
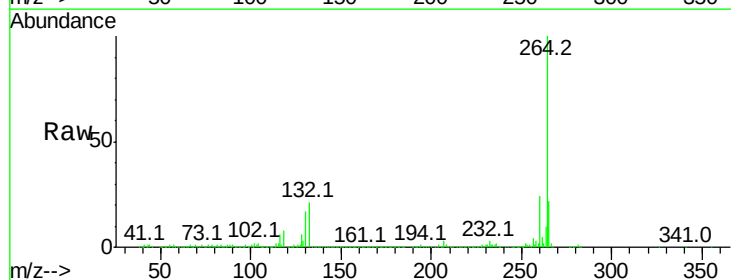
Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.6	30.8
277	25.0	20.1	30.1

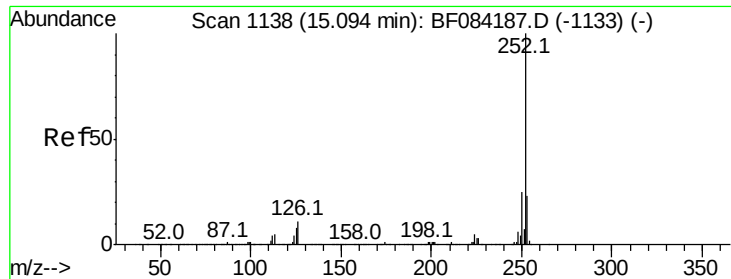


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Tgt Ion:264 Resp: 546006

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.0	17.8	26.6

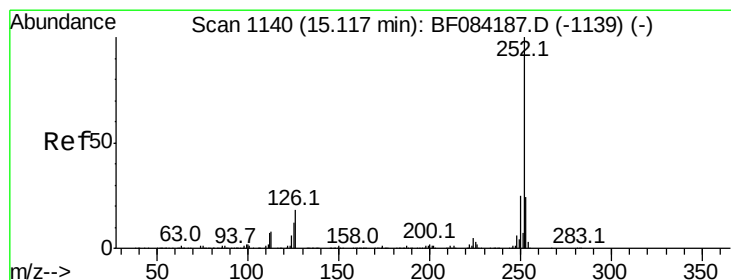
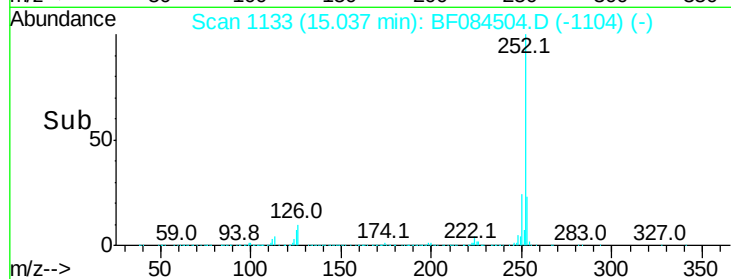
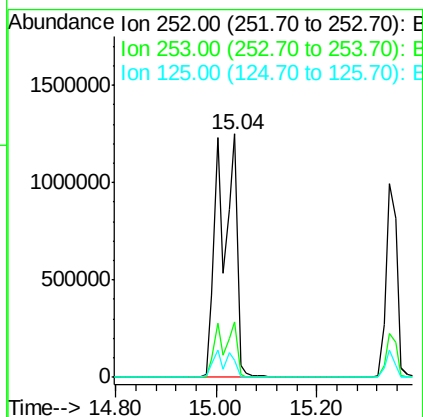
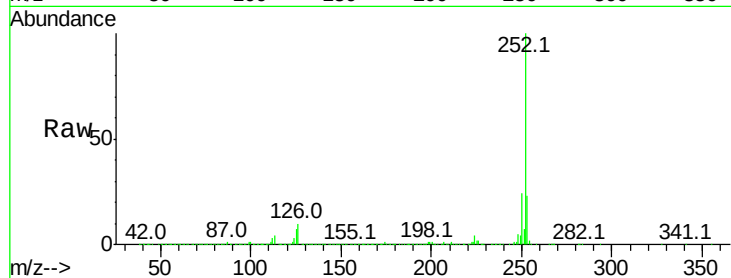




#87
Benzo(b)fluoranthene
Concen: 85.67 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.03 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

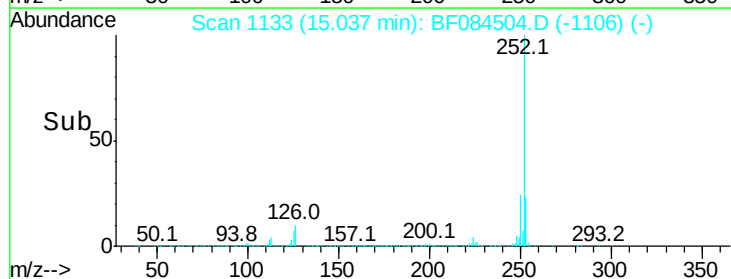
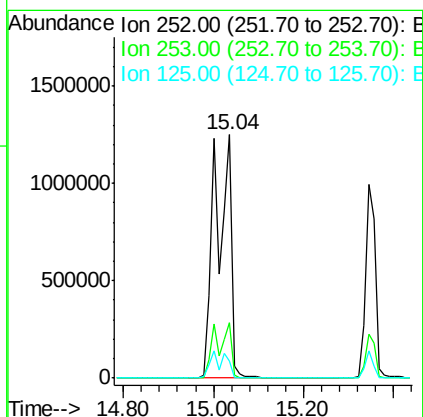
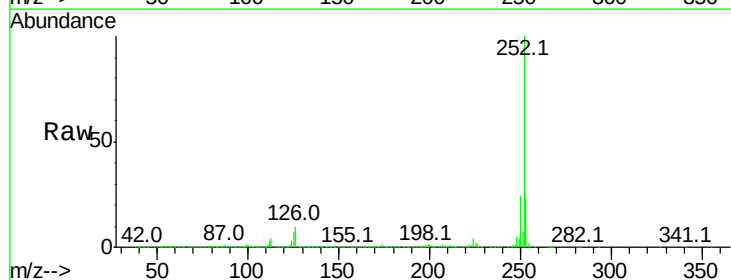
Instrument :
BNA_F
ClientSampleId :

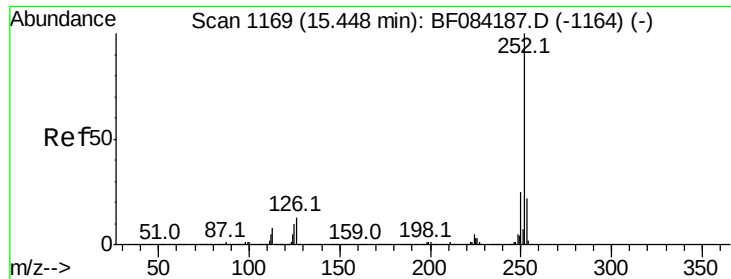
Tot Ion:252 Resp: 3059786
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 6.9 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 104.83 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:252 Resp: 3062098
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 6.9 9.0 13.6#

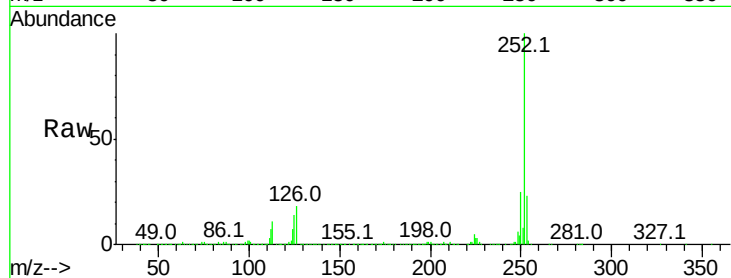




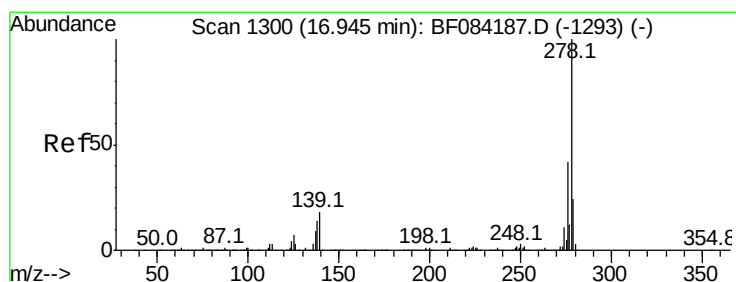
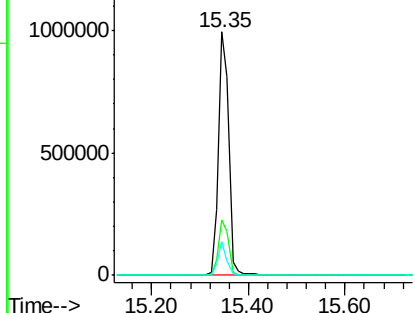
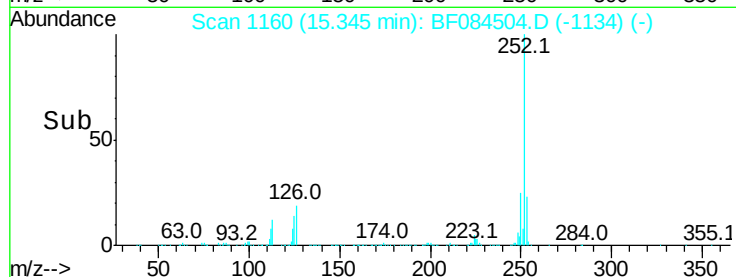
#89
Benzo(a)pyrene
Concen: 49.66 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1504341
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 14.0 7.0 10.4#

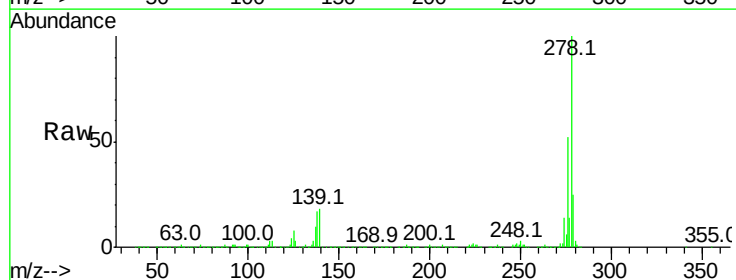


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

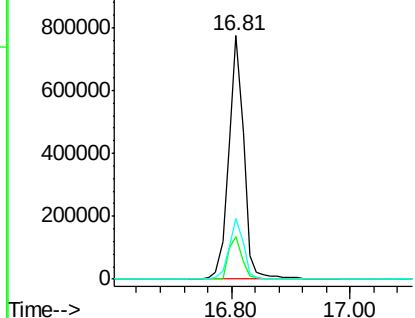
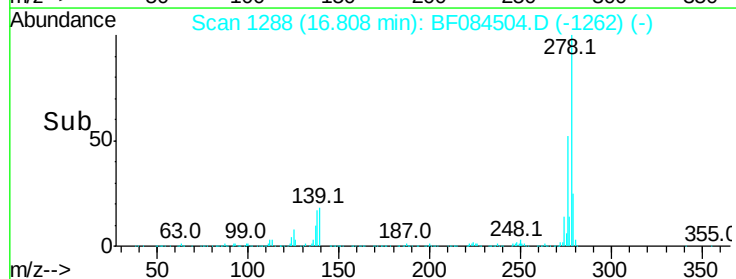


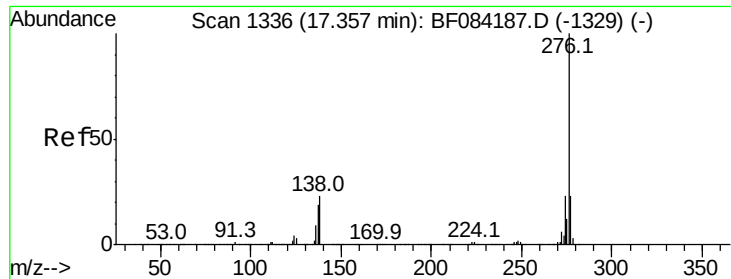
#90
Dibenzo(a,h)anthracene
Concen: 52.13 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF084504.D
Acq: 15 Jan 2016 21:26

Tgt Ion:278 Resp: 1358946
Ion Ratio Lower Upper
278 100
139 17.7 15.0 22.4
279 24.7 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

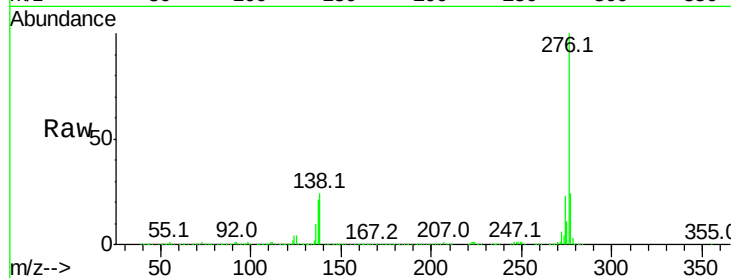




#91
 Benzo(a,h,i)perylene
 Concen: 49.84 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF084504.D
 Acq: 15 Jan 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1345481
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.8 28.2
 138 24.2 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

