

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085548.D
 Acq On : 19 Mar 2016 2:26
 Operator : UM/SJ
 Sample : PB88949BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Quant Time: Mar 19 02:32:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124095	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	496573	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	234660	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	440338	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	377371	20.00	ng	0.00
86) Perylene-d12	15.44	264	299366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	890193	120.49	ng	0.01
7) Phenol-d6	6.49	99	1166407	123.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	698871	81.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	304365	132.41	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1266919	94.85	ng	-0.01
78) Terphenyl-d14	12.96	244	1190722	75.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	123902	34.50	ng	99
3) Pyridine	3.28	79	332957	37.76	ng	99
4) n-Nitrosodimethylamine	3.22	42	149507	40.61	ng	98
6) Aniline	6.52	93	318556	25.03	ng	99
8) 2-Chlorophenol	6.64	128	363450	42.52	ng	98
9) Benzaldehyde	6.40	77	61097	10.67	ng	93
10) Phenol	6.50	94	501025	46.42	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	355325	43.67	ng	95
12) 1,3-Dichlorobenzene	7.03	146	342648	36.79	ng	99
13) 1,4-Dichlorobenzene	6.87	146	373080	39.27	ng	98
14) 1,2-Dichlorobenzene	7.03	146	343056	40.67	ng	96
15) Benzyl Alcohol	7.00	79	272617	42.00	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	423922	39.62	ng	100
17) 2-Methylphenol	7.11	107	287976	40.65	ng	100
18) Hexachloroethane	7.36	117	136965	39.93	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	216259	38.21	ng	93
20) 3+4-Methylphenols	7.27	107	357042	43.51	ng	92
22) Acetophenone	7.27	105	453301	38.47	ng	# 95
24) Nitrobenzene	7.44	77	404121	43.16	ng	91
25) Isophorone	7.68	82	690548	40.32	ng	97
26) 2-Nitrophenol	7.76	139	197894	42.76	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	329842	40.30	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	408110	41.89	ng	98
29) 2,4-Dichlorophenol	8.00	162	296118	43.82	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	304067	40.17	ng	97
31) Naphthalene	8.16	128	989014	39.46	ng	100
32) Benzoic acid	7.92	122	223862	32.71	ng	99
33) 4-Chloroaniline	8.21	127	139974	13.62	ng	# 93
34) Hexachlorobutadiene	8.28	225	154127	38.20	ng	98
35) Caprolactam	8.62	113	35428	15.24	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	330073	41.82	ng	99
37) 2-Methylnaphthalene	8.86	142	689011	45.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	254602	35.77	ng	98
40) Hexachlorocyclopentadiene	9.01	237	297272	92.66	ng	99

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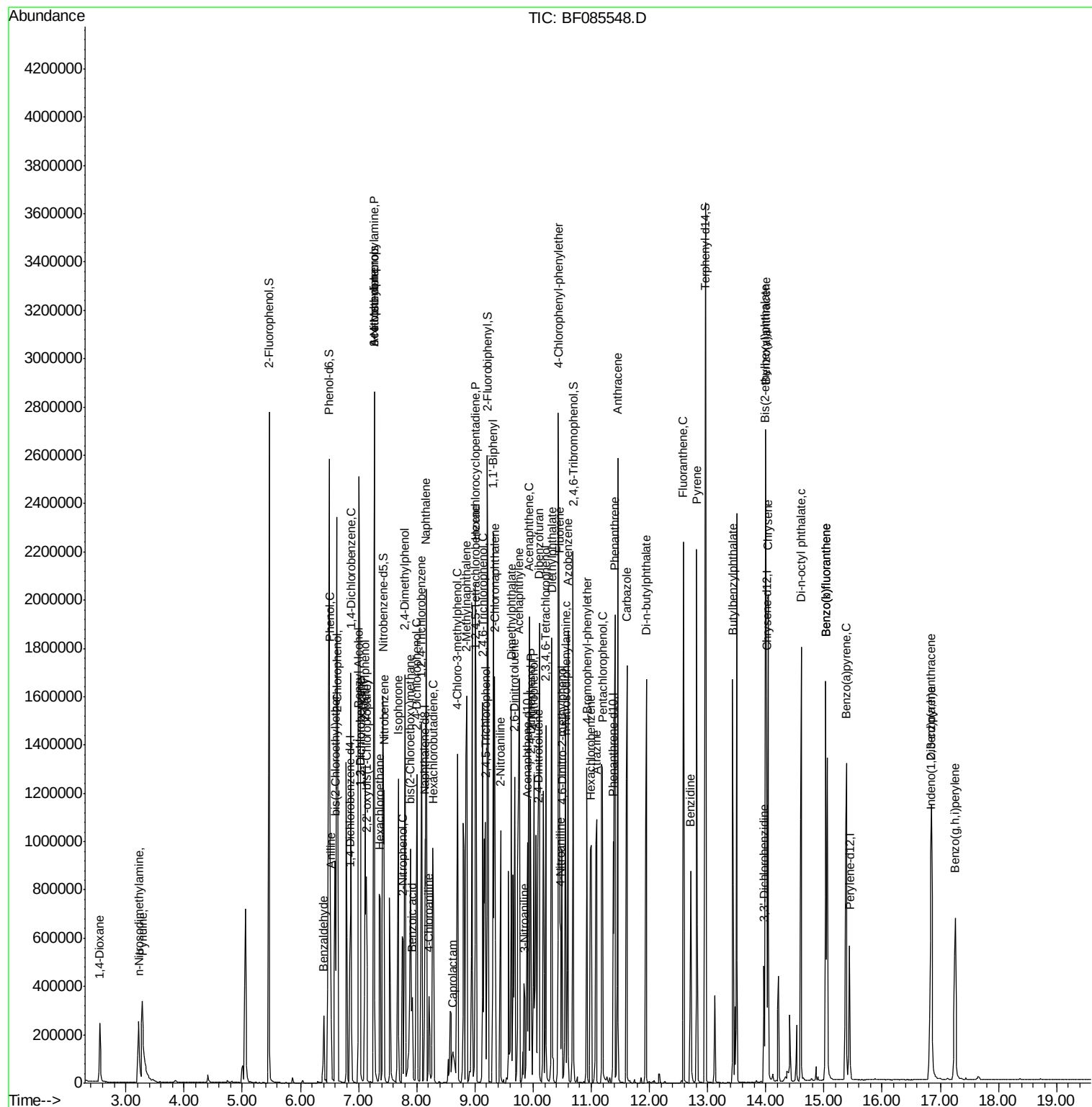
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	208698	42.83	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	211616	42.67	ng	96
45) 1,1'-Biphenyl	9.32	154	735805	36.35	ng	98
46) 2-Chloronaphthalene	9.34	162	569926	38.54	ng	92
47) 2-Nitroaniline	9.44	65	200966	44.93	ng	# 84
48) Acenaphthylene	9.76	152	1014000	42.37	ng	99
49) Dimethylphthalate	9.62	163	754161	42.59	ng	99
50) 2,6-Dinitrotoluene	9.68	165	159545	42.68	ng	87
51) Acenaphthene	9.93	154	701649	46.72	ng	99
52) 3-Nitroaniline	9.85	138	104171	22.25	ng	# 75
53) 2,4-Dinitrophenol	9.96	184	174566	76.23	ng	96
54) Dibenzofuran	10.10	168	888559	48.59	ng	98
55) 4-Nitrophenol	10.01	139	256121	70.78	ng	96
56) 2,4-Dinitrotoluene	10.08	165	202724	41.42	ng	# 45
57) Fluorene	10.45	166	669329	43.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	164728	46.14	ng	98
59) Diethylphthalate	10.32	149	726013	41.24	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	316474	42.52	ng	91
61) 4-Nitroaniline	10.47	138	195120	42.28	ng	91
62) Azobenzene	10.60	77	777211	46.00	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	114910	40.78	ng	86
65) n-Nitrosodiphenylamine	10.56	169	573764	41.83	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	191425	43.52	ng	92
67) Hexachlorobenzene	11.00	284	204647	43.79	ng	# 89
68) Atrazine	11.09	200	210513	50.41	ng	97
69) Pentachlorophenol	11.19	266	239673	84.47	ng	100
70) Phenanthrene	11.41	178	1033776	44.52	ng	100
71) Anthracene	11.45	178	950240	39.03	ng	100
72) Carbazole	11.61	167	947793	45.13	ng	98
73) Di-n-butylphthalate	11.94	149	1139964	43.35	ng	99
74) Fluoranthene	12.58	202	943383	38.80	ng	98
76) Benzidine	12.71	184	355066	27.98	ng	99
77) Pyrene	12.81	202	952290	35.15	ng	99
79) Butylbenzylphthalate	13.43	149	462906	35.84	ng	# 70
80) Benzo(a)anthracene	14.00	228	837142	38.21	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	117471	14.63	ng	# 94
82) Chrysene	14.04	228	723687	34.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	590501	36.80	ng	# 99
84) Di-n-octyl phthalate	14.61	149	1096850	41.95	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	646315	36.70	ng	100
87) Benzo(b)fluoranthene	15.03	252	776250	39.74	ng	98
88) Benzo(k)fluoranthene	15.03	252	776250	48.23	ng	# 98
89) Benzo(a)pyrene	15.39	252	731288	44.16	ng	# 97
90) Dibenzo(a,h)anthracene	16.85	278	550527	39.86	ng	97
91) Benzo(g,h,i)perylene	17.26	276	523139	39.13	ng	97

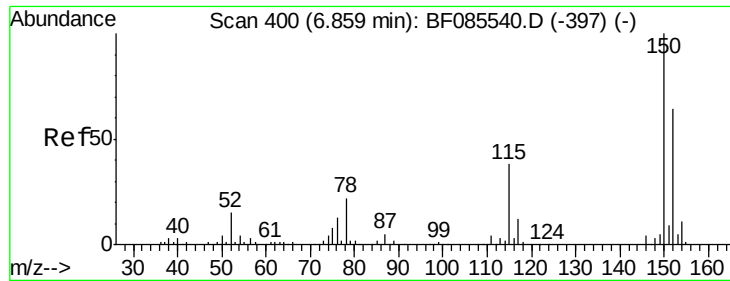
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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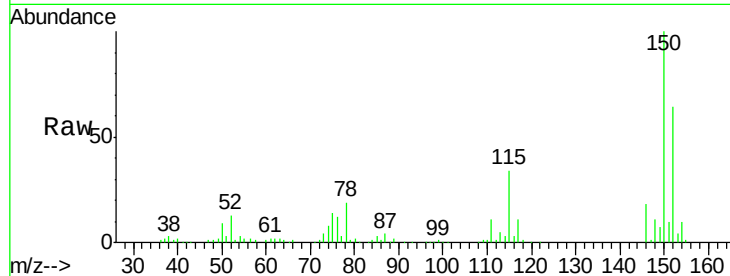




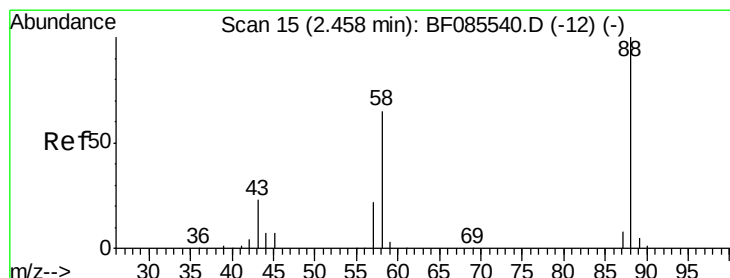
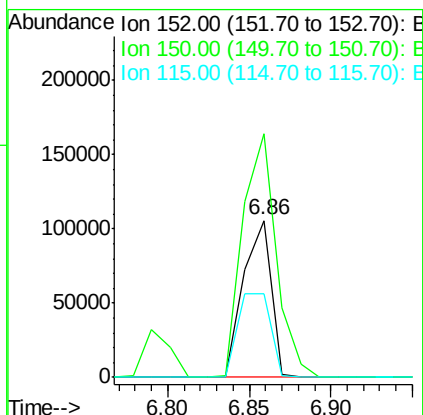
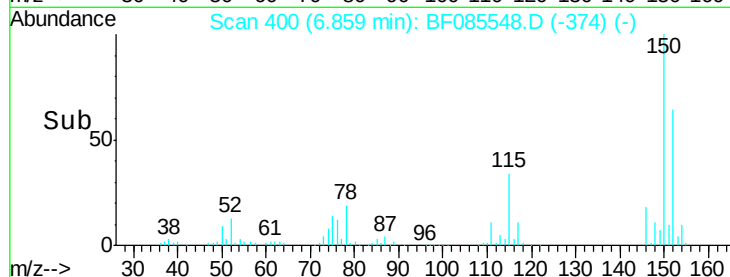
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:152 Resp: 124095
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.2 186.2
 115 53.2 47.0 70.6

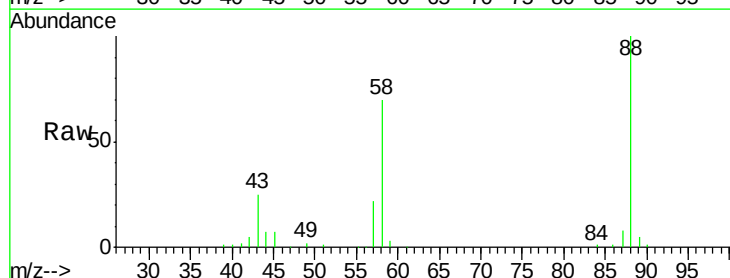


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

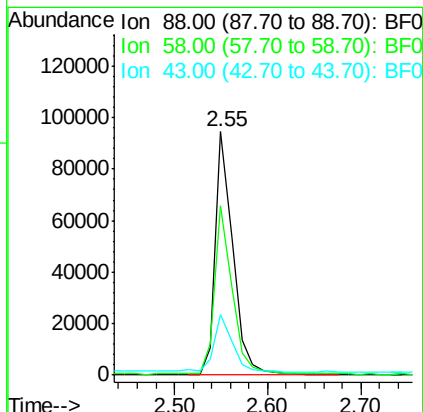
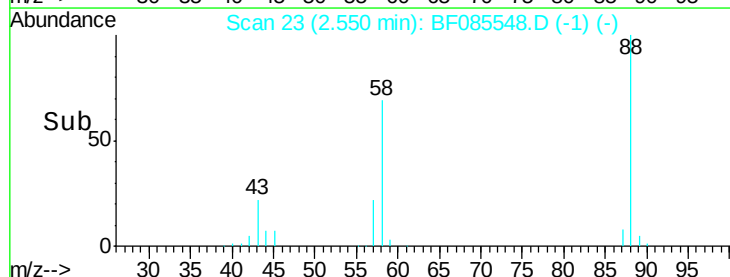


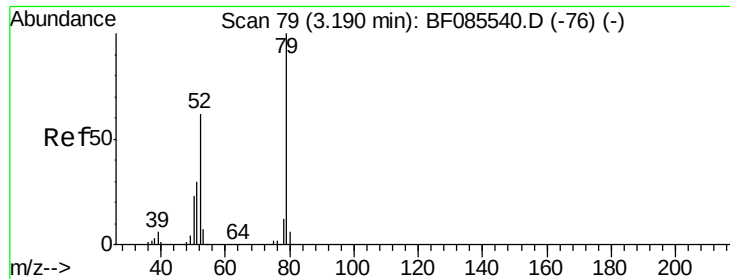
#2
 1,4-Dioxane
 Concen: 34.50 ng
 RT: 2.55 min Scan# 23
 Delta R.T. 0.09 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion: 88 Resp: 123902
 Ion Ratio Lower Upper
 88 100
 58 68.3 54.2 81.2
 43 25.1 19.3 28.9



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





#3

Pyridine

Concen: 37.76 ng

RT: 3.28 min Scan# 87

Delta R.T. 0.09 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

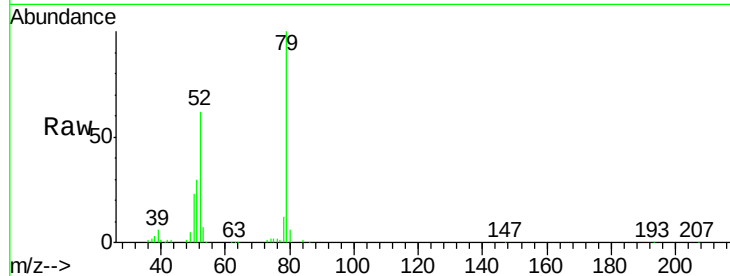
Tgt Ion: 79 Resp: 332957

Ion Ratio Lower Upper

79 100

52 62.1 49.8 74.6

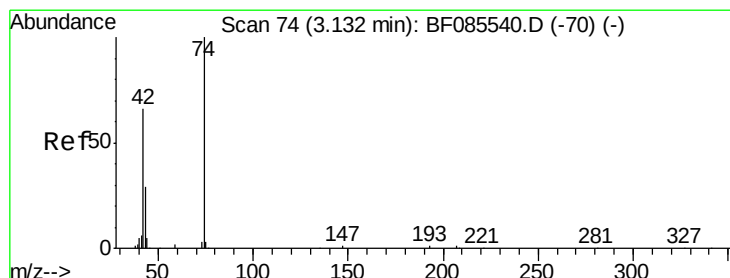
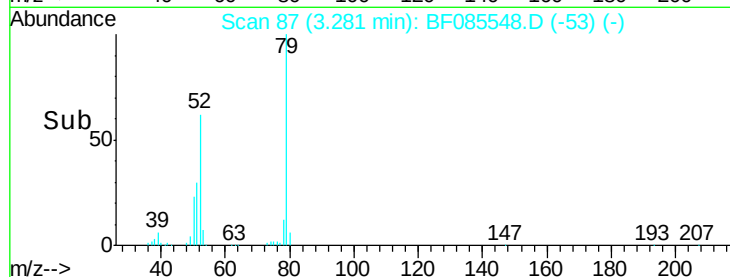
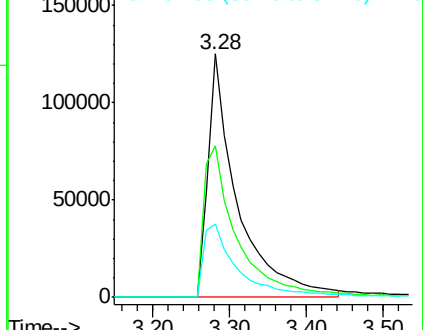
51 30.1 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.61 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

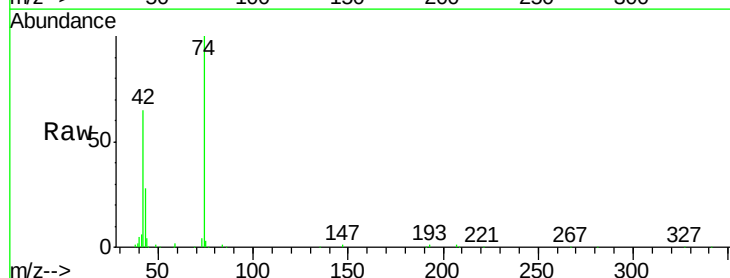
Tgt Ion: 42 Resp: 149507

Ion Ratio Lower Upper

42 100

74 154.9 121.4 182.2

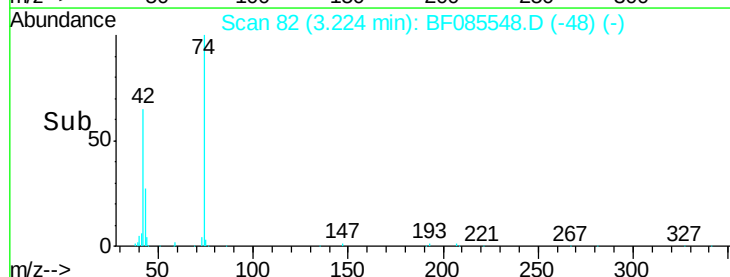
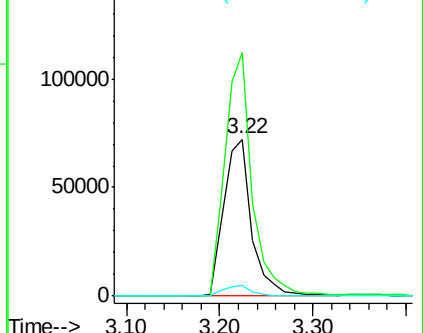
44 6.7 5.6 8.4

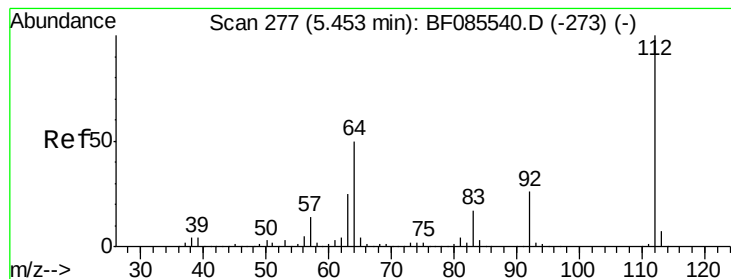


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.49 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

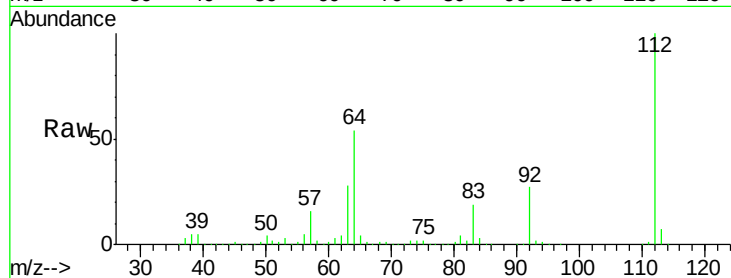
Instrument :

BNA_F

ClientSampled :

PB88949BS

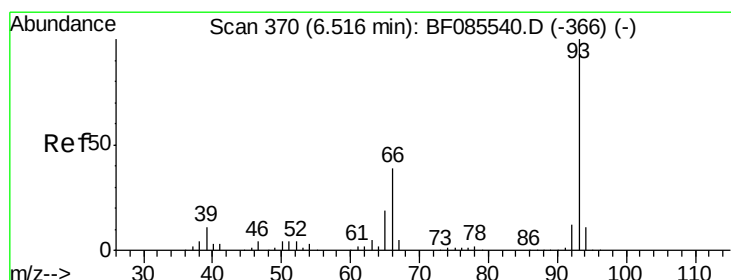
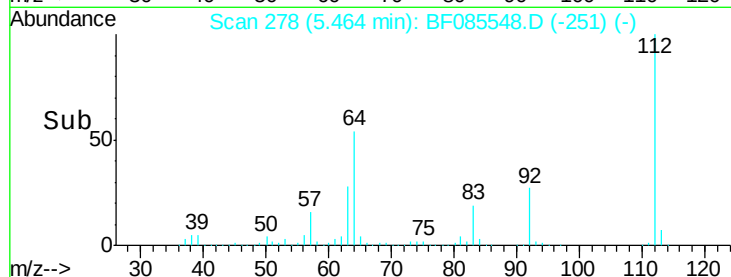
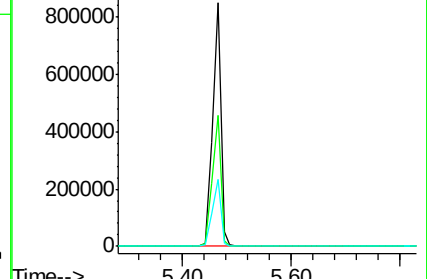
Tgt Ion:	112	Resp:	890193
Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.9	59.9
63	27.5	20.2	30.2



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: 25.03 ng

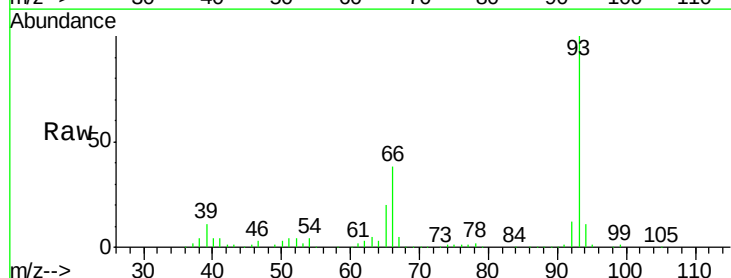
RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

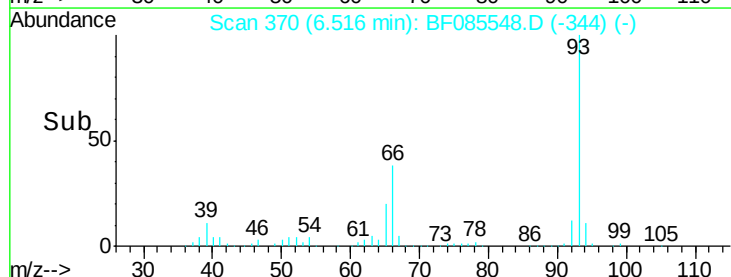
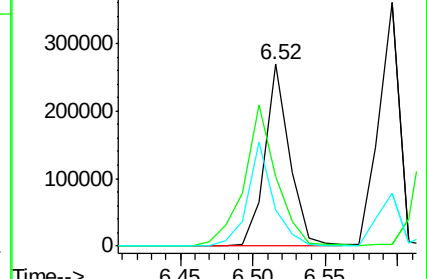
Tgt Ion:	93	Resp:	318556
Ion	Ratio	Lower	Upper
93	100		
66	38.5	31.4	47.2
65	19.7	15.7	23.5

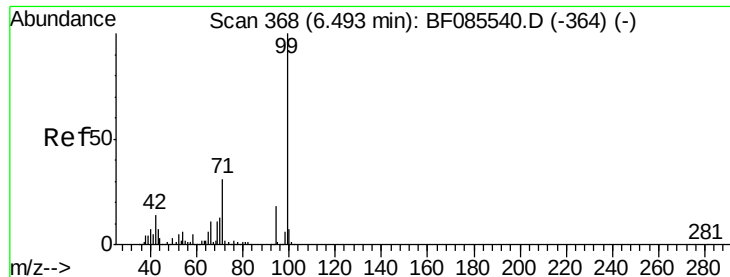


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.10 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085548.D

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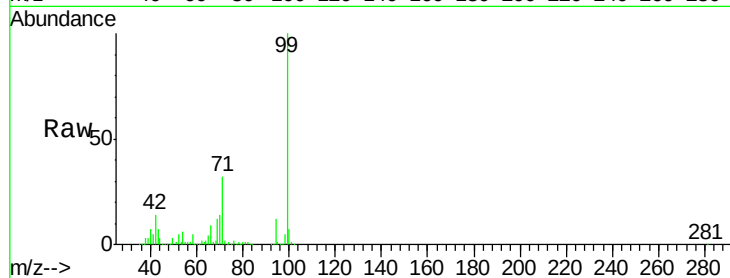
Tgt Ion: 99 Resp: 1166407

Ion Ratio Lower Upper

99 100

42 14.2 11.1 16.7

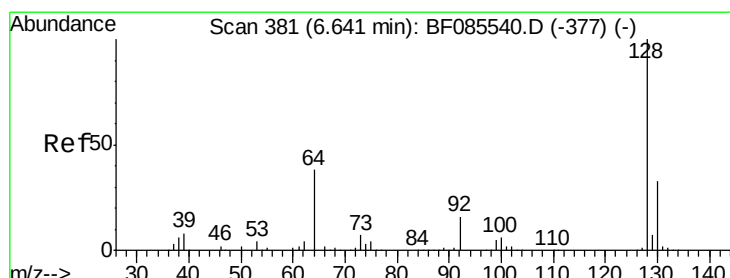
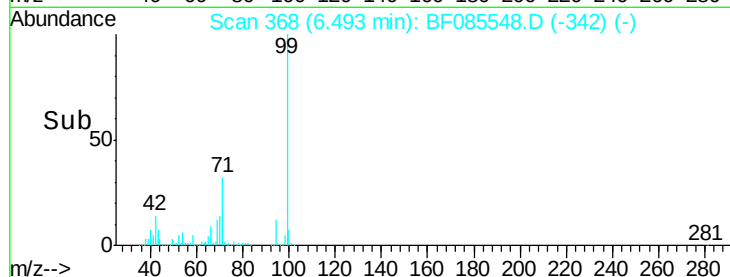
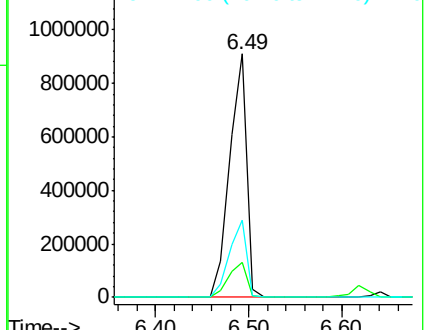
71 31.8 24.9 37.3



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: 42.52 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

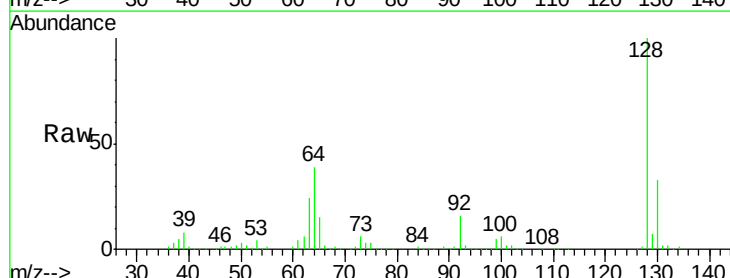
Tgt Ion: 128 Resp: 363450

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

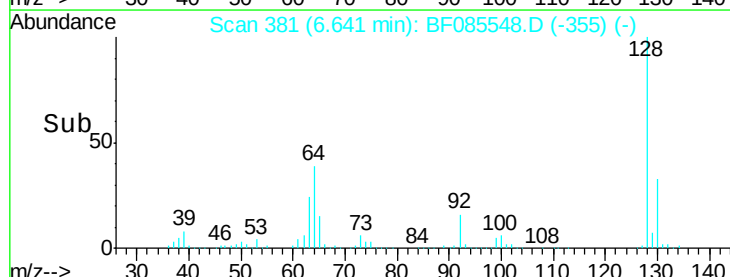
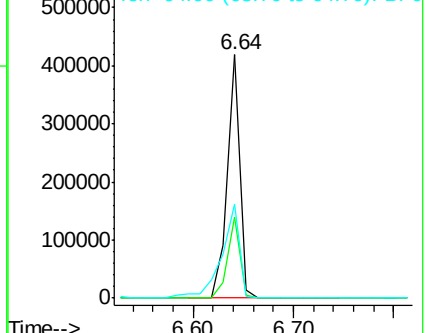
64 38.6 20.2 60.2

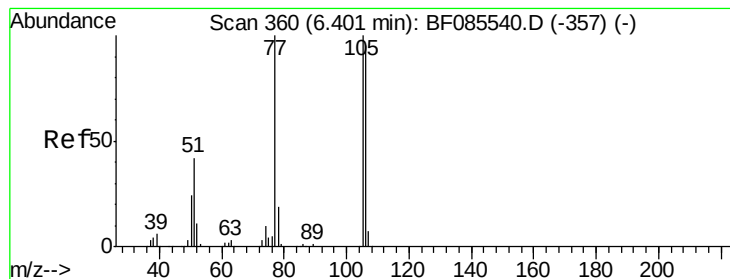


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.67 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

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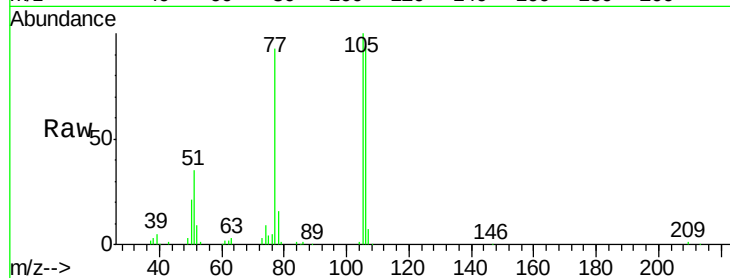
Tgt Ion: 77 Resp: 61097

Ion Ratio Lower Upper

77 100

105 107.9 80.1 120.1

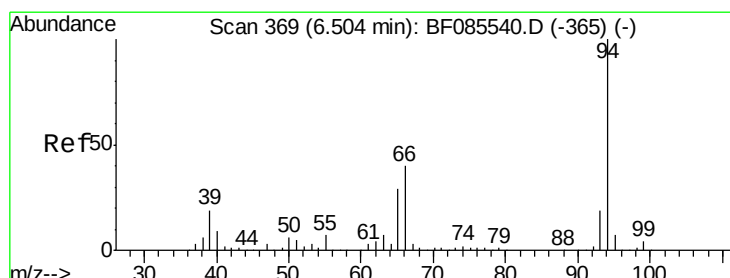
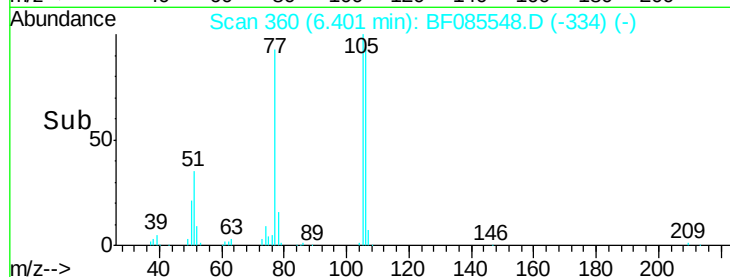
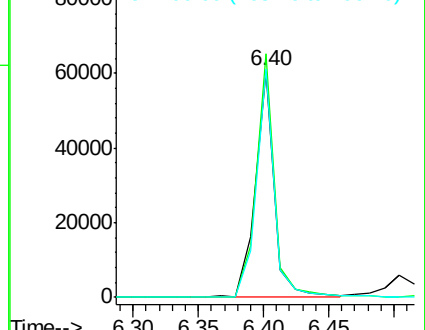
106 101.0 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.42 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

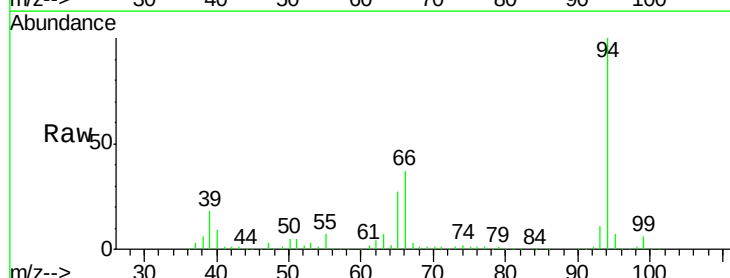
Tgt Ion: 94 Resp: 501025

Ion Ratio Lower Upper

94 100

65 27.1 8.6 48.6

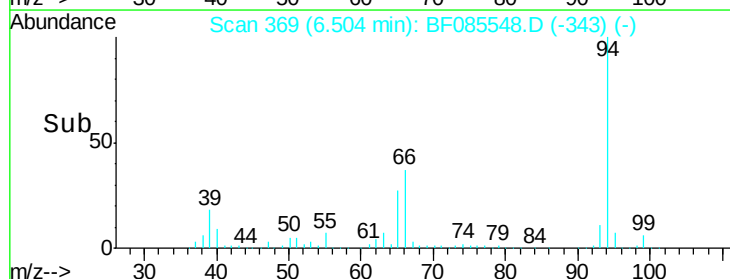
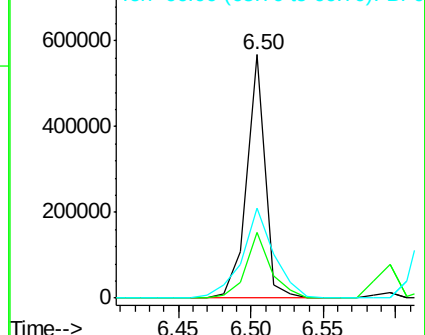
66 36.9 20.0 60.0

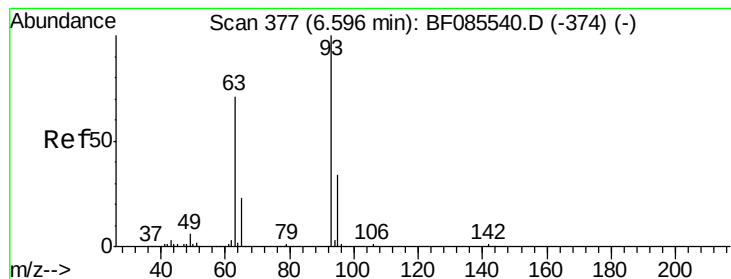


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

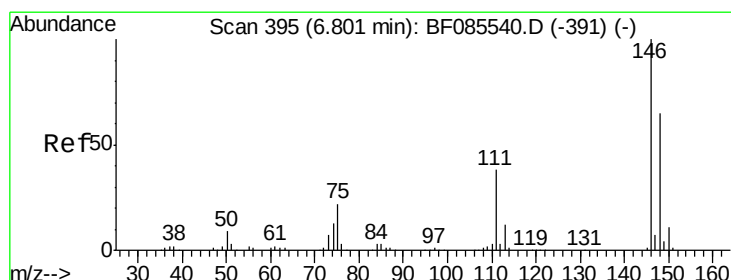
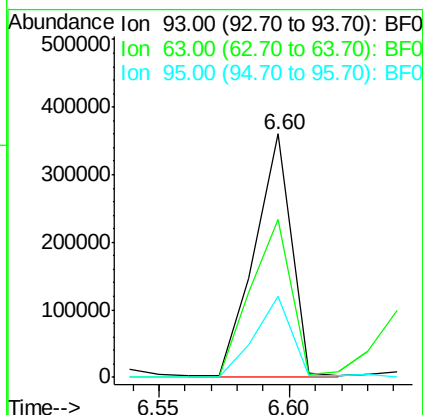
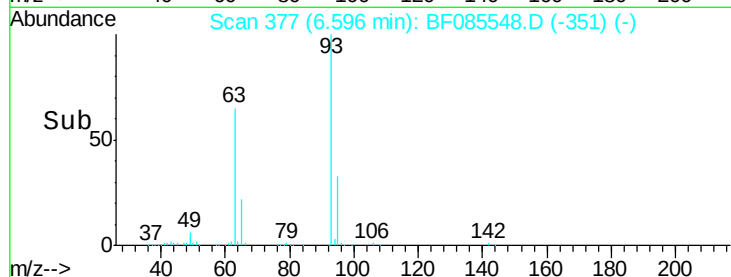
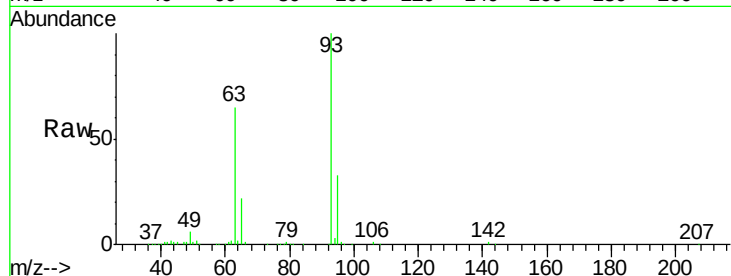




#11
bis(2-Chloroethyl)ether
Concen: 43.67 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

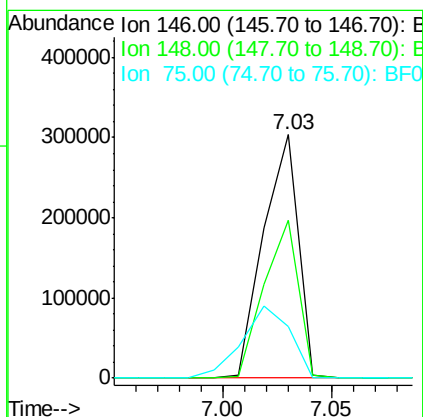
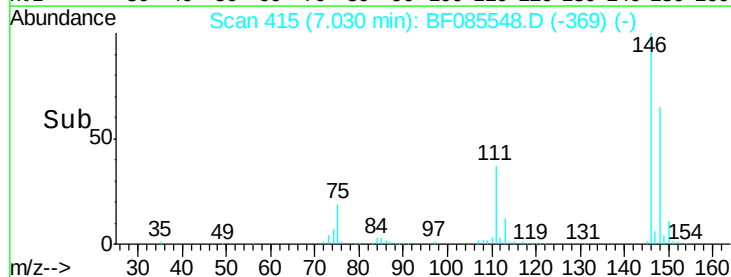
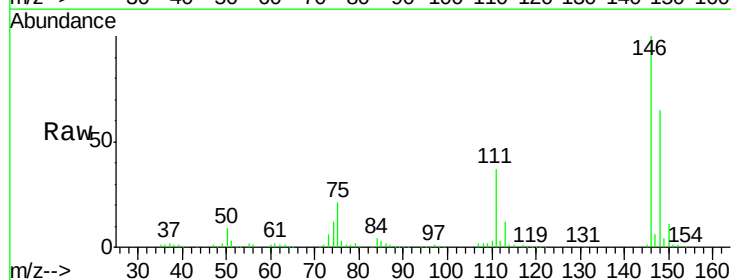
Instrument :
BNA_F
ClientSampleId :
PB88949BS

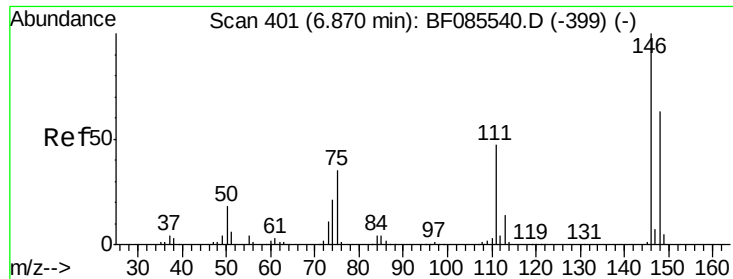
Tgt Ion: 93 Resp: 355325
Ion Ratio Lower Upper
93 100
63 65.1 50.9 90.9
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.79 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion: 146 Resp: 342648
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
75 21.3 17.4 26.2

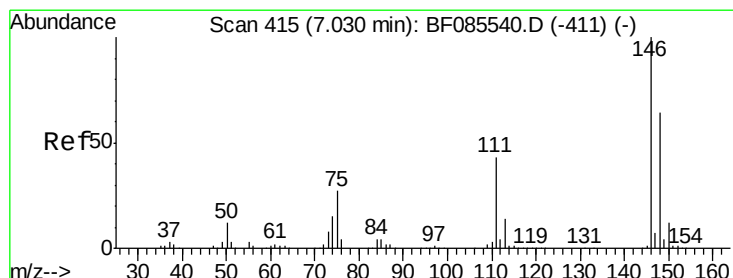
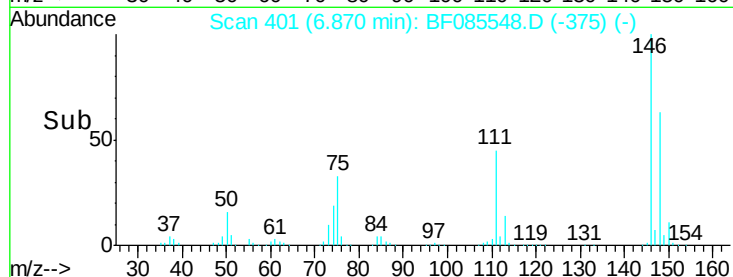
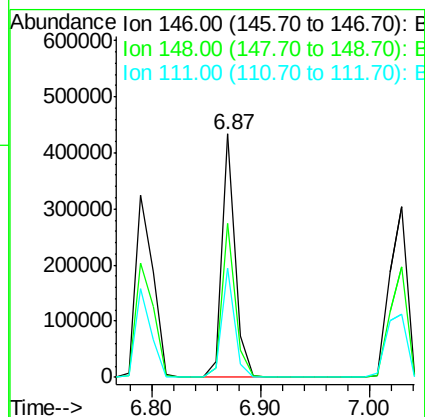
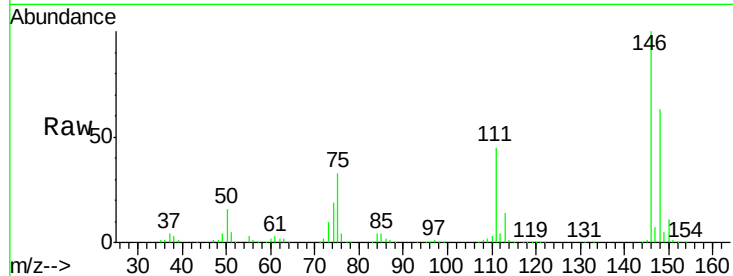




#13
 1,4-Dichlorobenzene
 Concen: 39.27 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

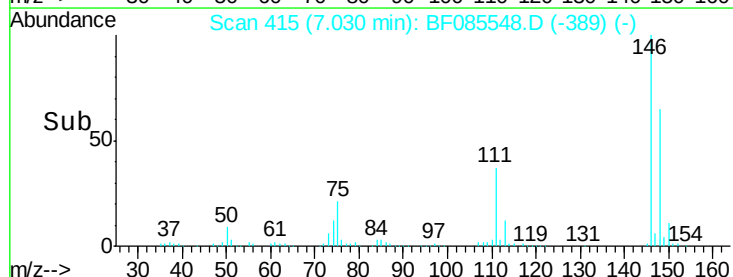
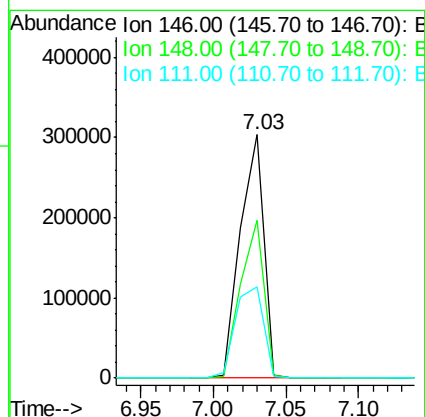
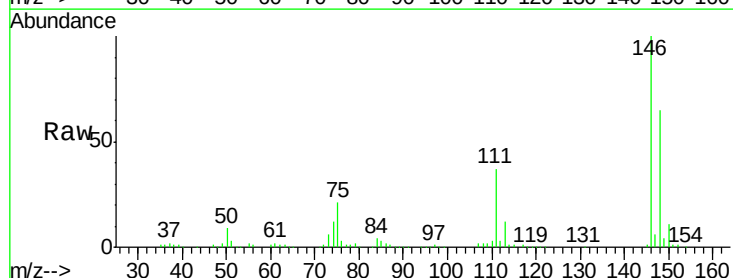
Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

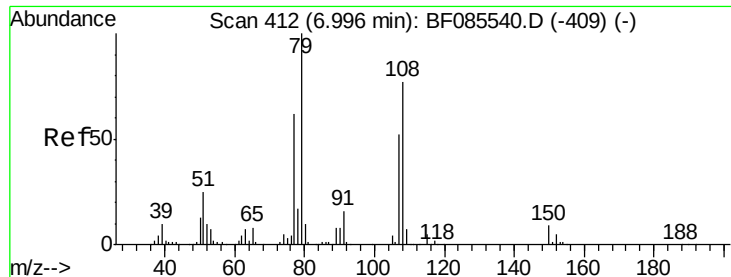
Tgt Ion:146 Resp: 373080
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 44.9 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.67 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:146 Resp: 343056
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 37.4 34.6 52.0





#15

Benzyl Alcohol

Concen: 42.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

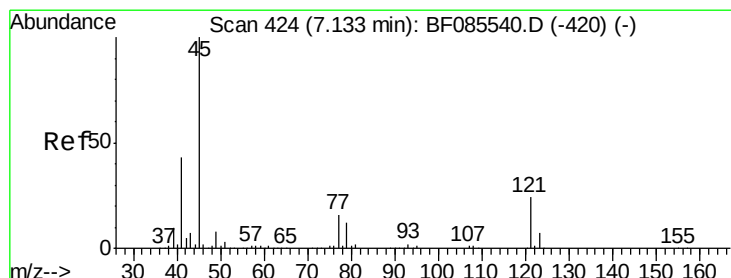
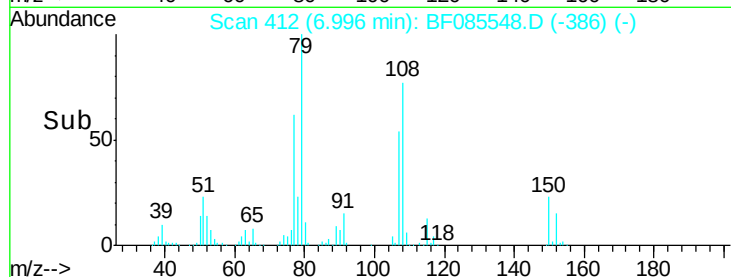
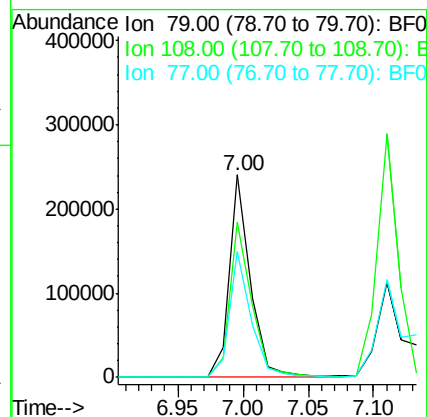
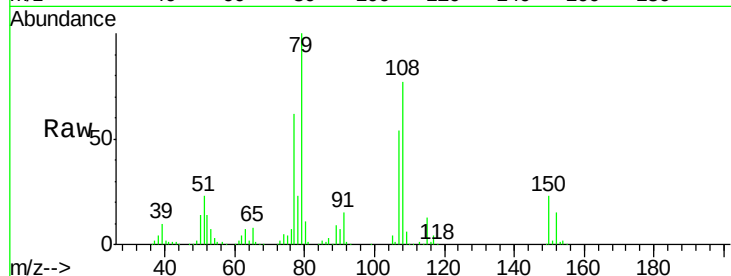
Tgt Ion: 79 Resp: 272617

Ion Ratio Lower Upper

79 100

108 77.0 61.8 92.6

77 62.1 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.62 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

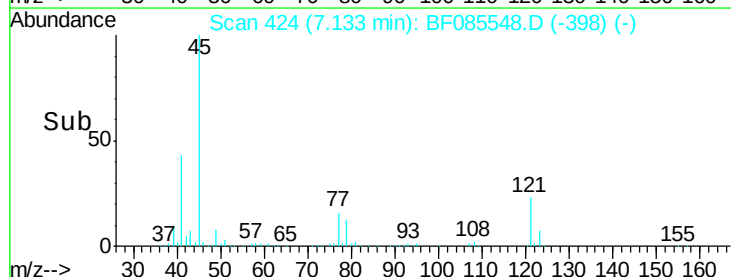
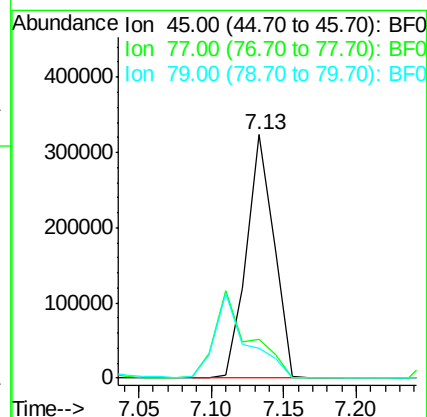
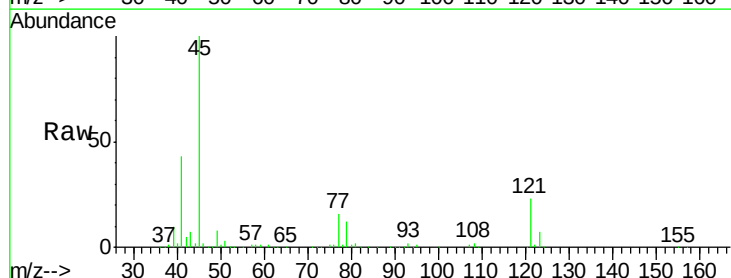
Tgt Ion: 45 Resp: 423922

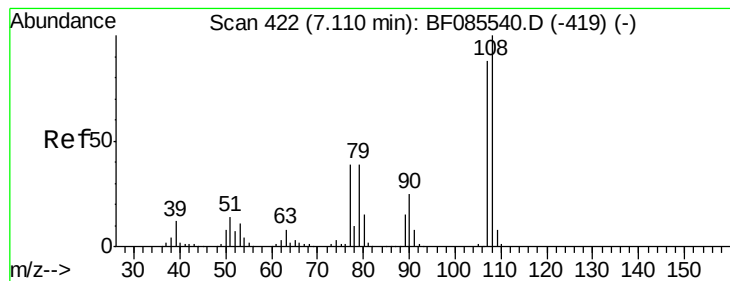
Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.7

79 12.1 0.0 32.2





#17

2-Methylphenol

Concen: 40.65 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

Tgt Ion:107 Resp: 287976

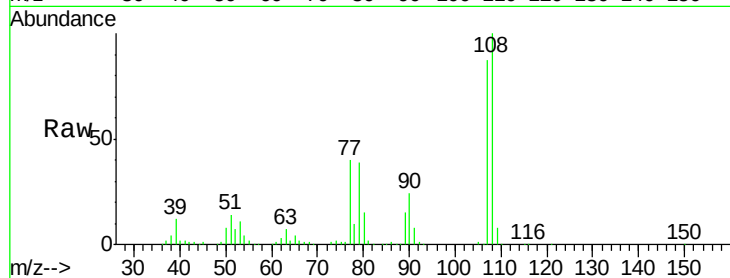
Ion Ratio Lower Upper

107 100

108 114.6 91.4 137.0

77 45.8 36.2 54.2

79 45.0 35.8 53.8

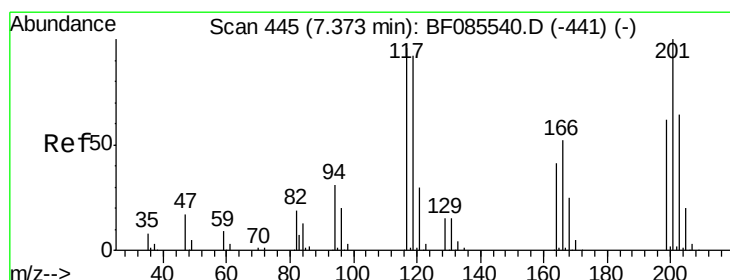
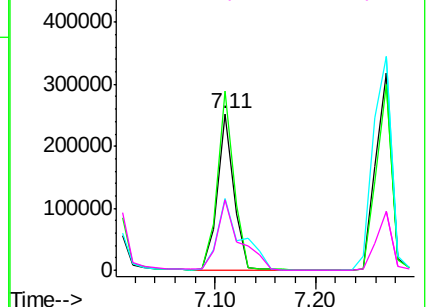
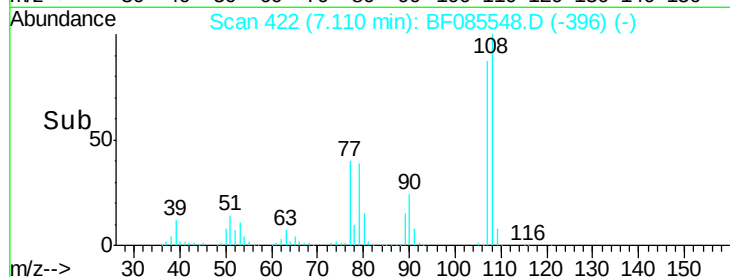


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.93 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

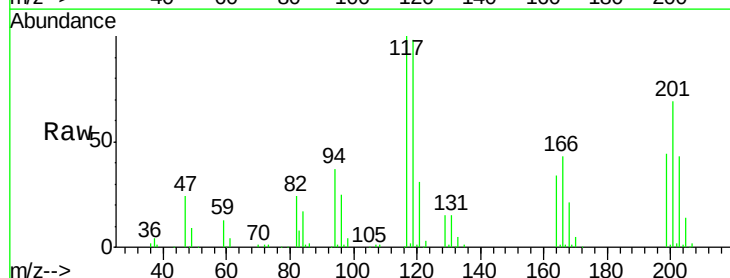
Tgt Ion:117 Resp: 136965

Ion Ratio Lower Upper

117 100

119 97.7 76.7 115.1

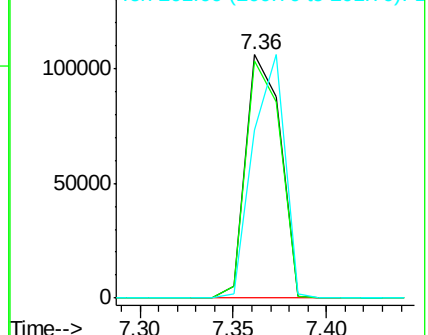
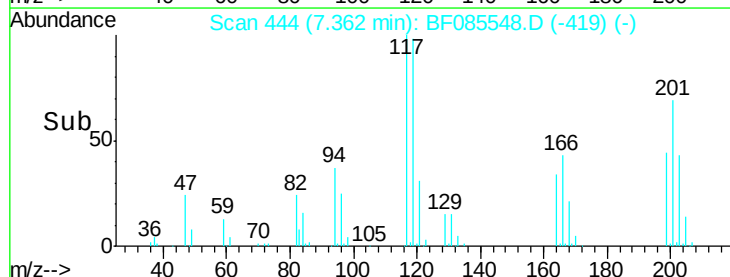
201 69.3 83.3 124.9#

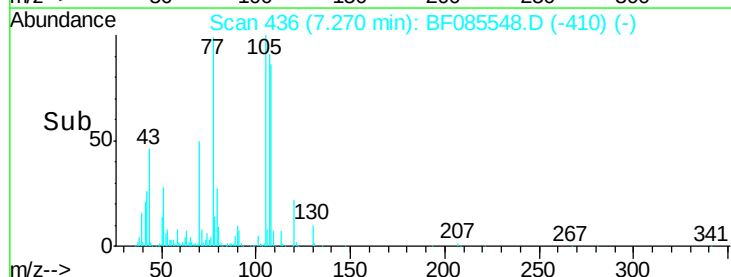
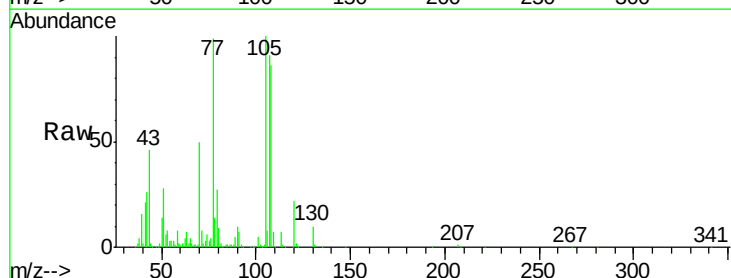
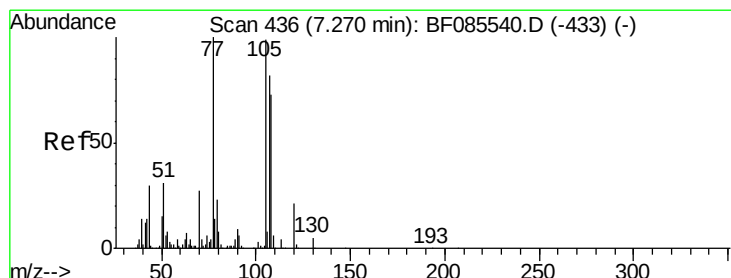
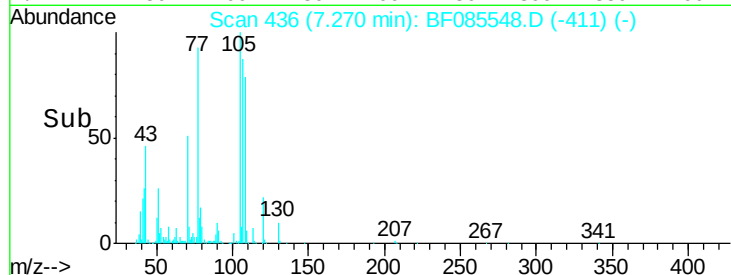
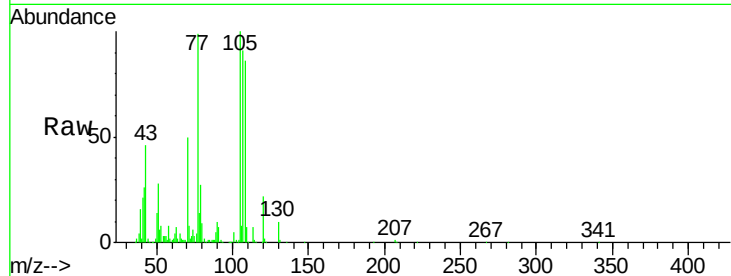
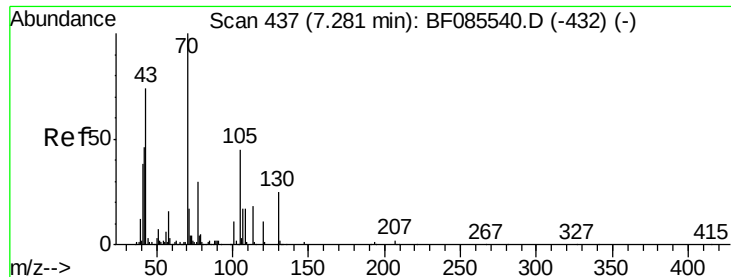


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

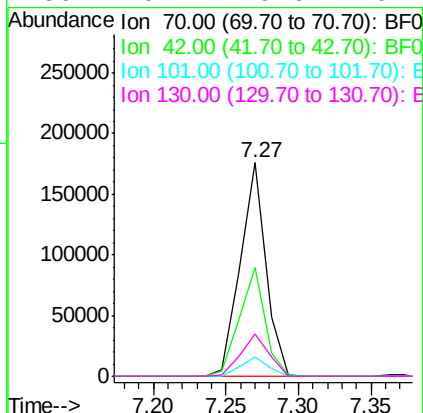




#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

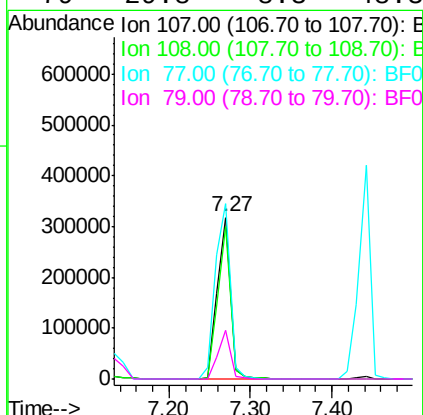
Instrument :
BNA_F
ClientSampleId :
PB88949BS

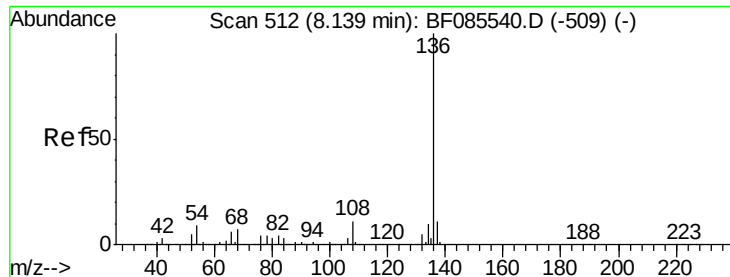
Tgt Ion: 70 Resp: 216259
Ion Ratio Lower Upper
70 100
42 50.7 37.1 55.7
101 9.2 8.6 12.8
130 19.7 19.6 29.4



#20
3+4-Methylphenols
Concen: 43.51 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:107 Resp: 357042
Ion Ratio Lower Upper
107 100
108 94.5 69.3 109.3
77 108.6 101.7 141.7
79 29.8 8.3 48.3

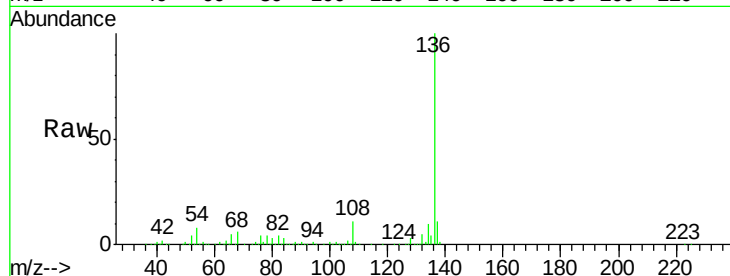




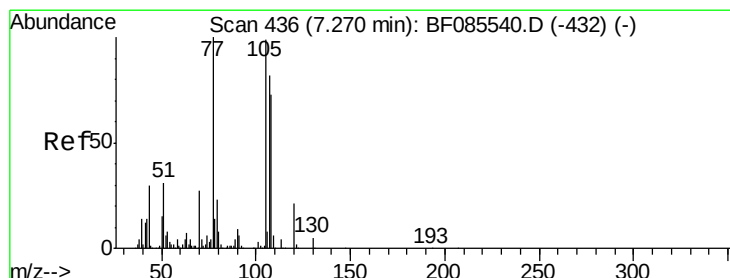
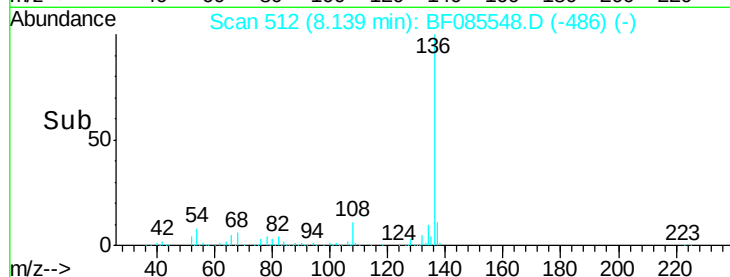
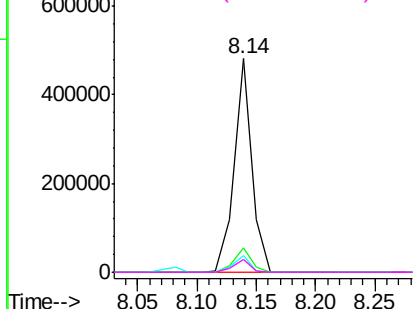
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion:	136	Resp:	496573
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	7.4	11.0
68	6.3	5.8	8.8

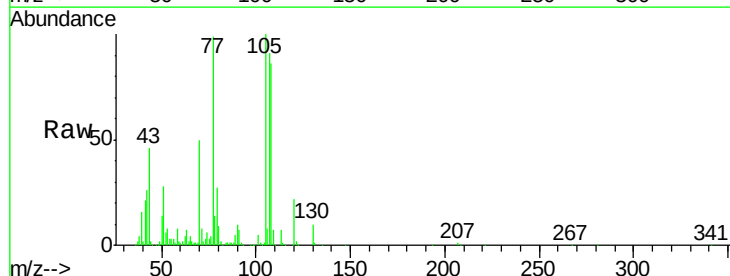


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

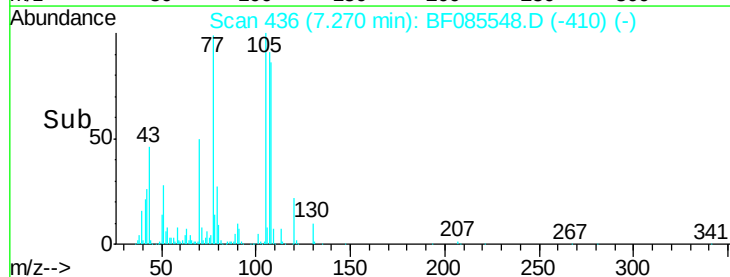
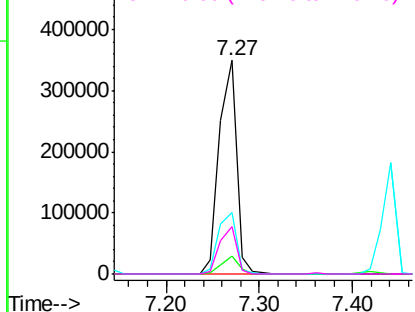


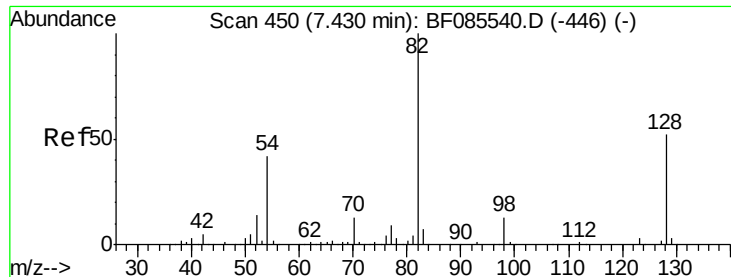
#22
Acetophenone
Concen: 38.47 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:	105	Resp:	453301
Ion	Ratio	Lower	Upper
105	100		
71	8.3	3.6	5.4#
51	28.5	25.4	38.0
120	22.0	16.9	25.3



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

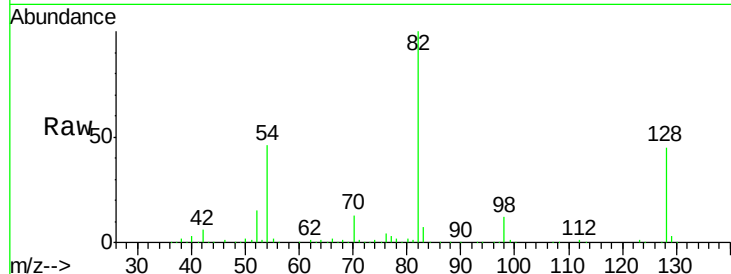




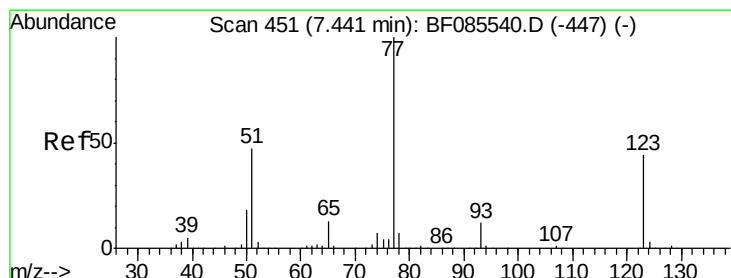
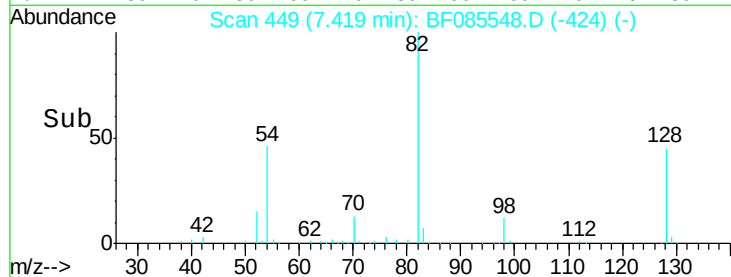
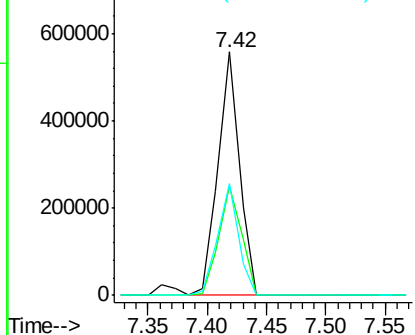
#23
 Nitrobenzene-d5
 Concen: 81.69 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	41.8	62.8
54	45.7	33.4	50.0

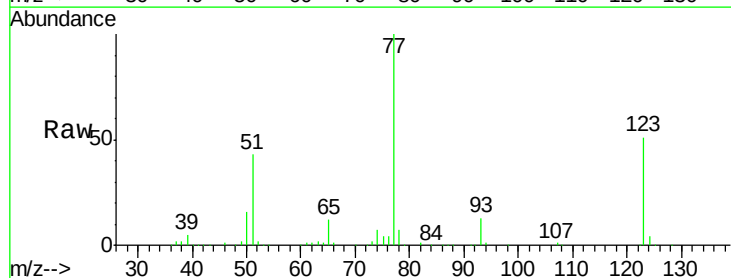


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

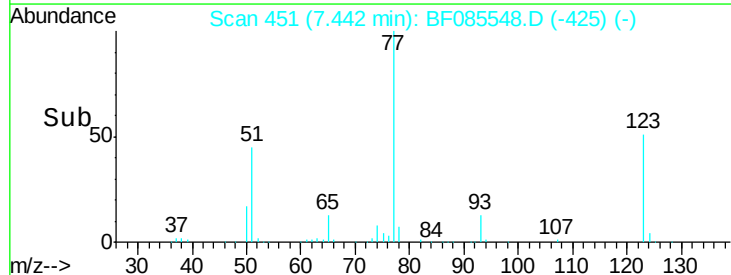
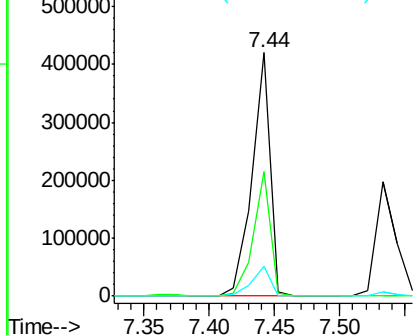


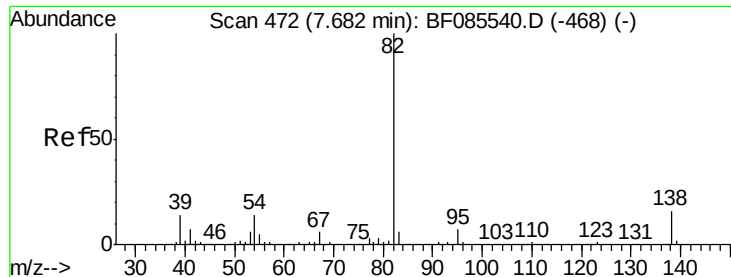
#24
 Nitrobenzene
 Concen: 43.16 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	35.0	52.4
65	12.4	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.32 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

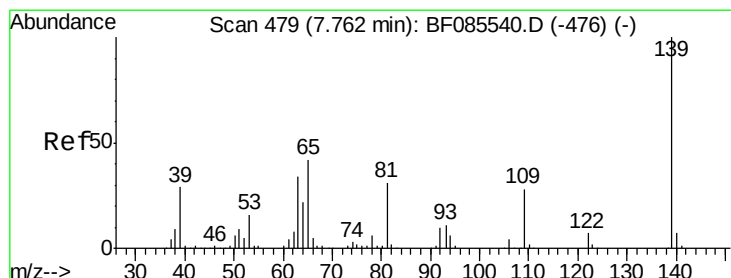
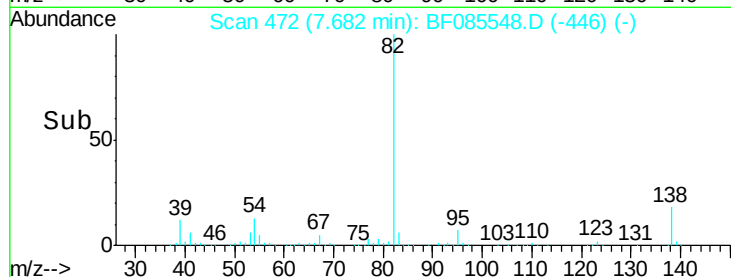
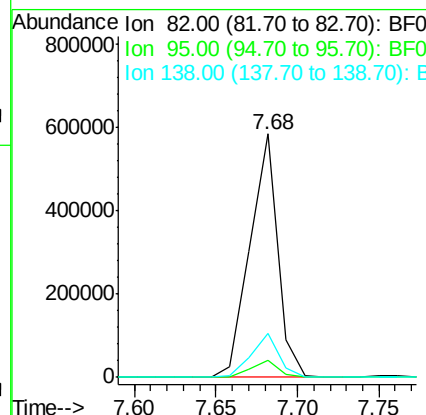
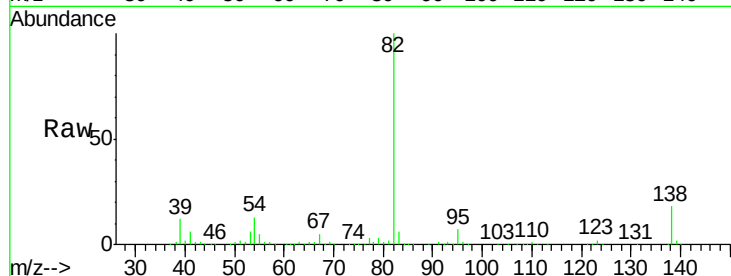
Tgt Ion: 82 Resp: 690548

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.0 12.9 19.3



#26

2-Nitrophenol

Concen: 42.76 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

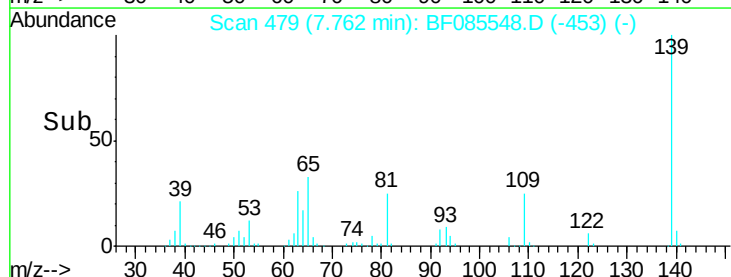
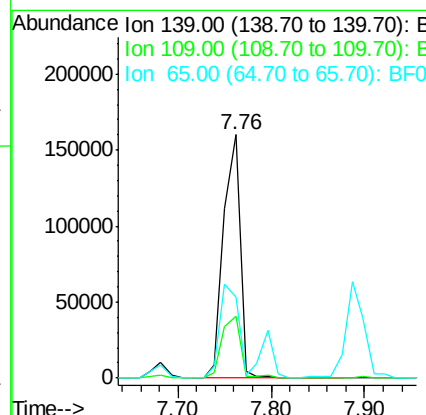
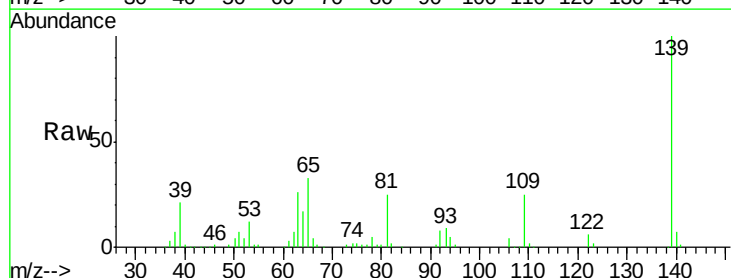
Tgt Ion: 139 Resp: 197894

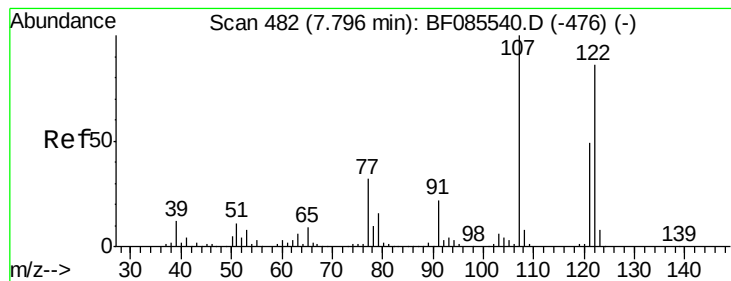
Ion Ratio Lower Upper

139 100

109 25.4 22.1 33.1

65 33.3 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 40.30 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

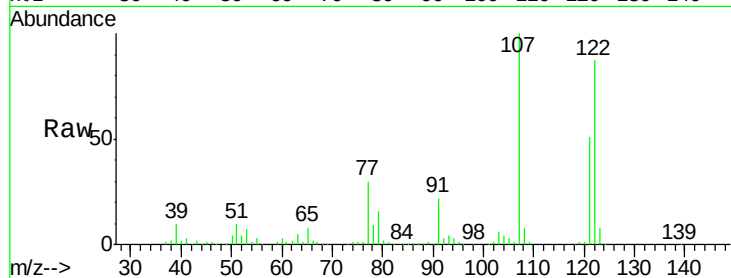
Tgt Ion:122 Resp: 329842

Ion Ratio Lower Upper

122 100

107 114.3 93.0 139.6

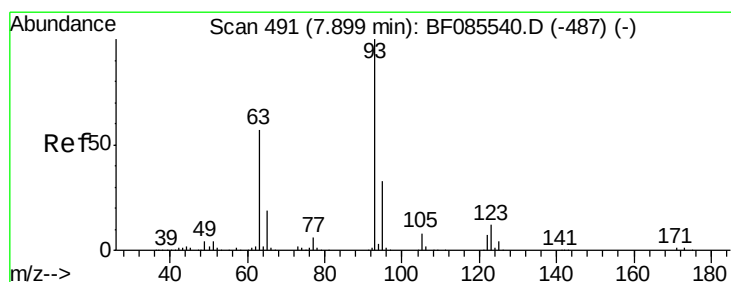
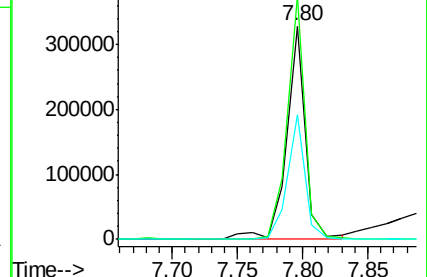
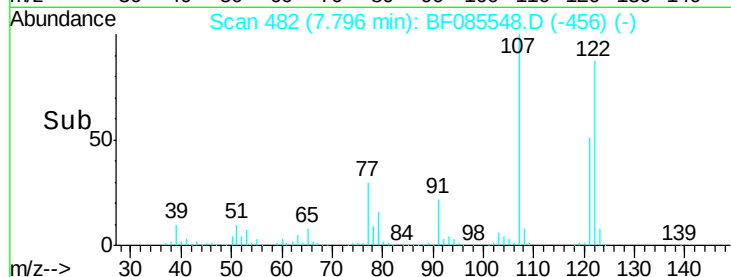
121 58.5 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.89 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

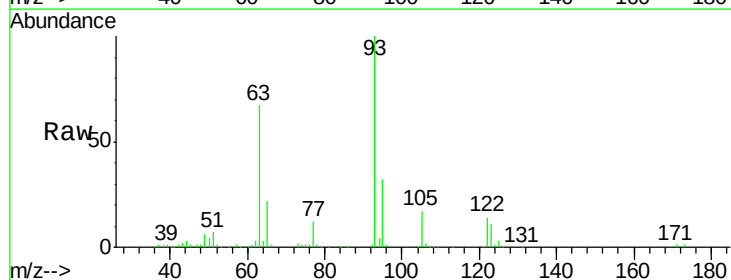
Tgt Ion: 93 Resp: 408110

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

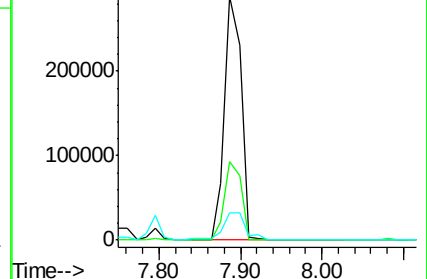
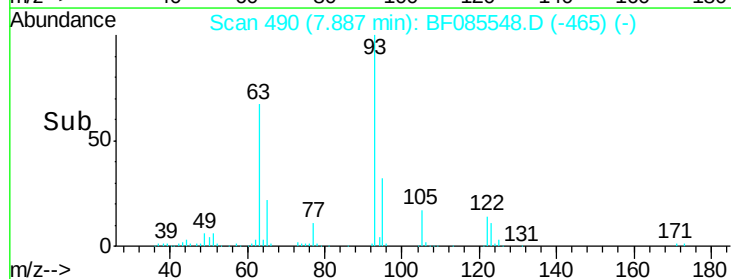
123 11.0 9.8 14.6

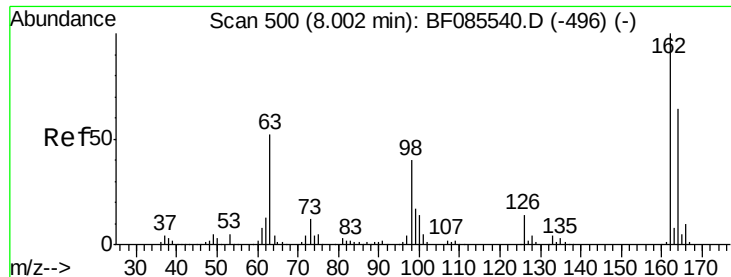


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

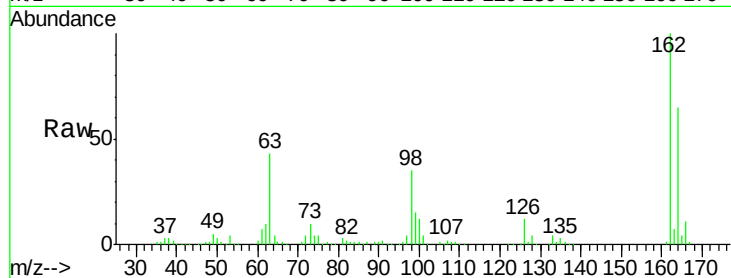




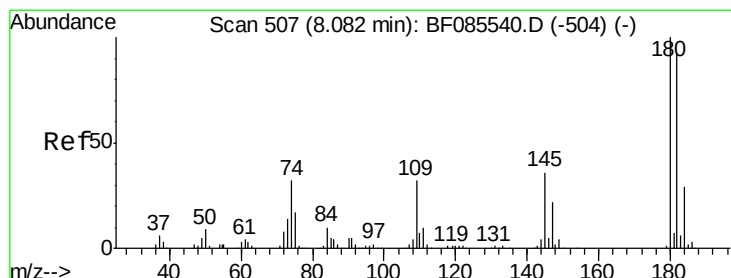
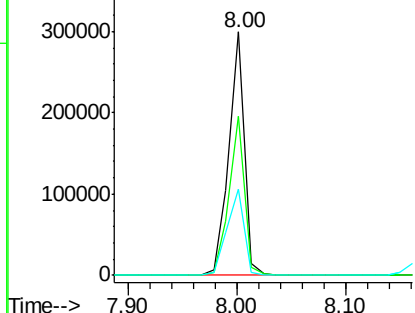
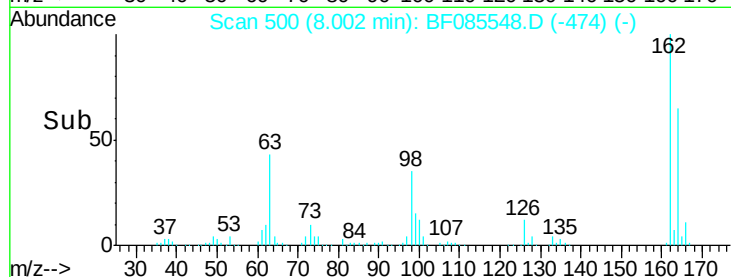
#29
 2,4-Dichlorophenol
 Concen: 43.82 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	35.3	20.4	60.4

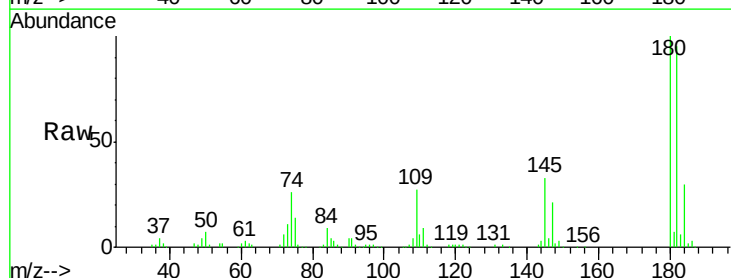


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

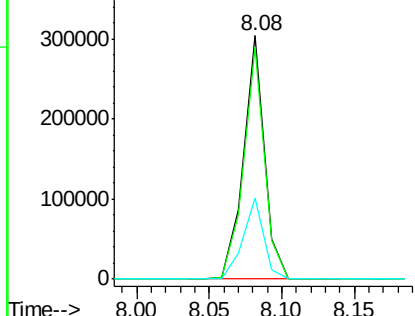
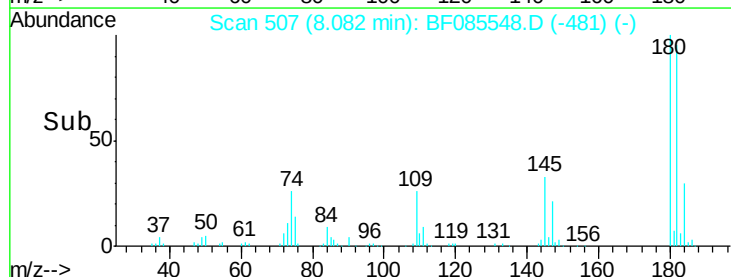


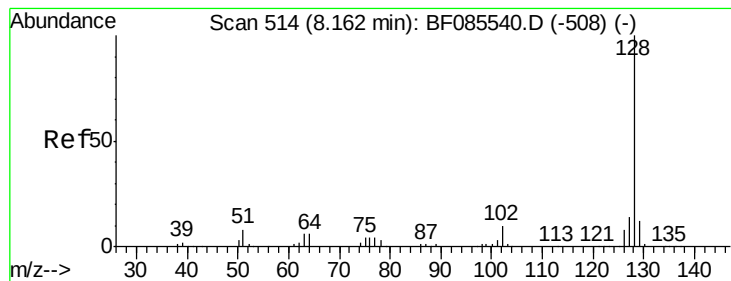
#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	73.8	110.8
145	33.2	28.4	42.6



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: 39.46 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampled :

PB88949BS

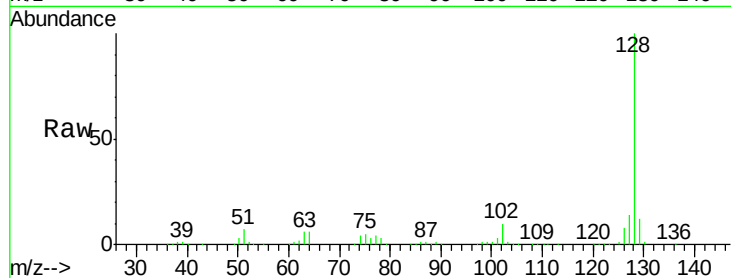
Tgt Ion:128 Resp: 989014

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

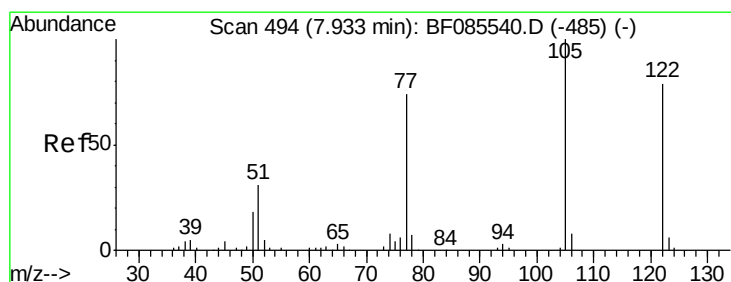
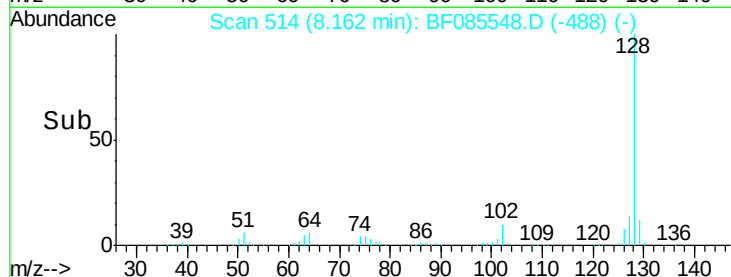
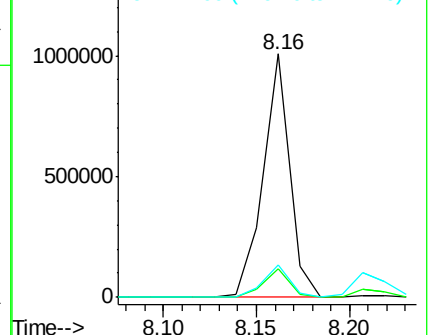
127 13.5 11.0 16.6



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: 32.71 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

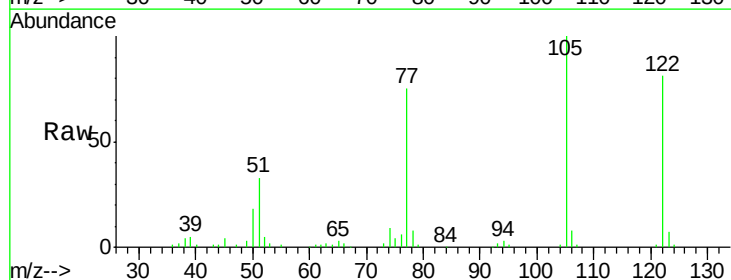
Tgt Ion:122 Resp: 223862

Ion Ratio Lower Upper

122 100

105 123.2 102.9 142.9

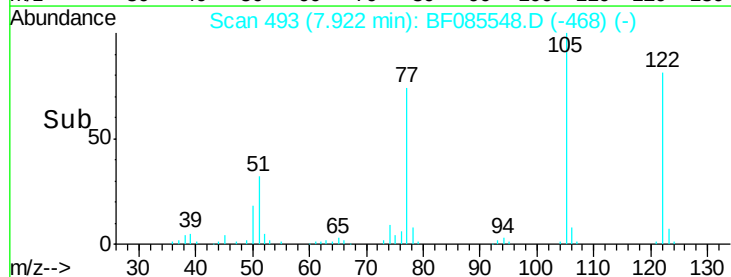
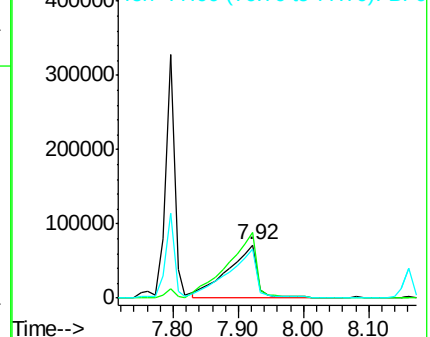
77 92.7 71.8 111.8

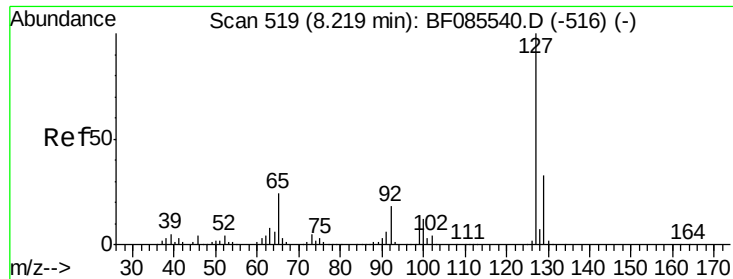


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

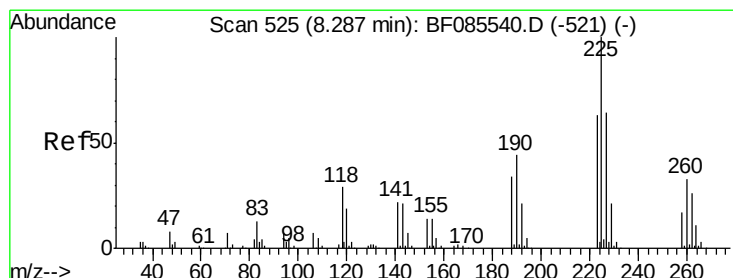
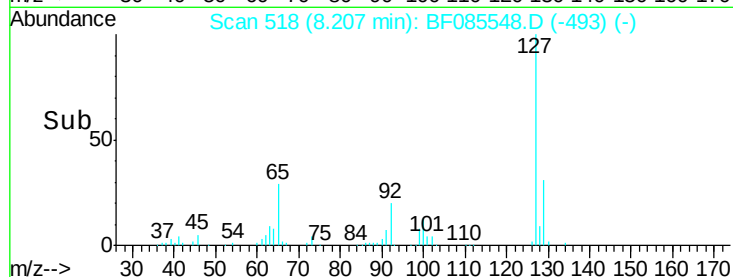
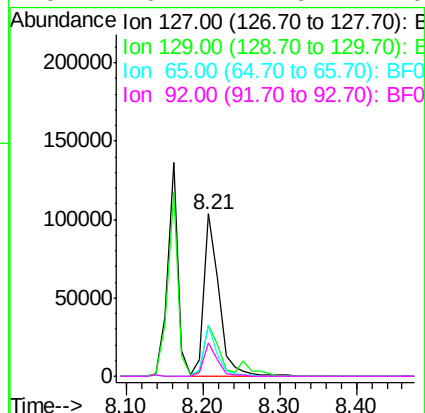
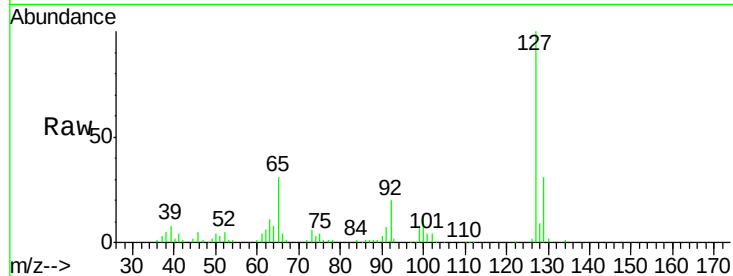




#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

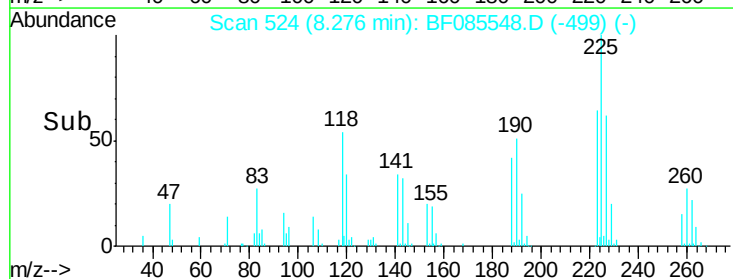
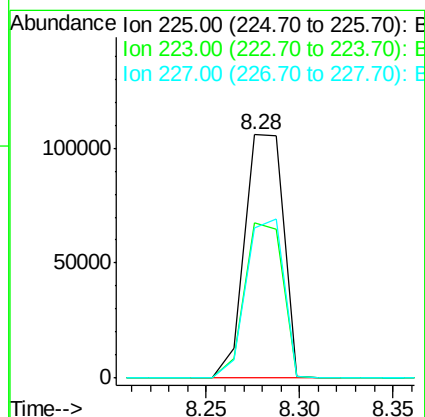
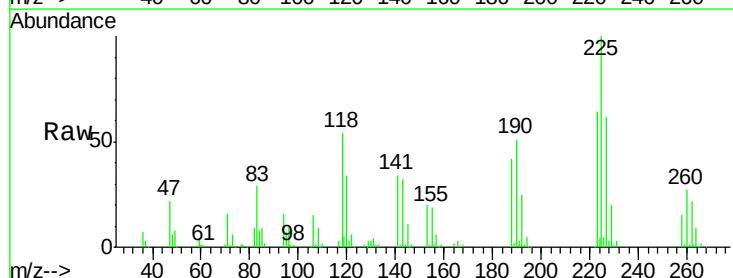
Instrument :
BNA_F
ClientSampleId :
PB88949BS

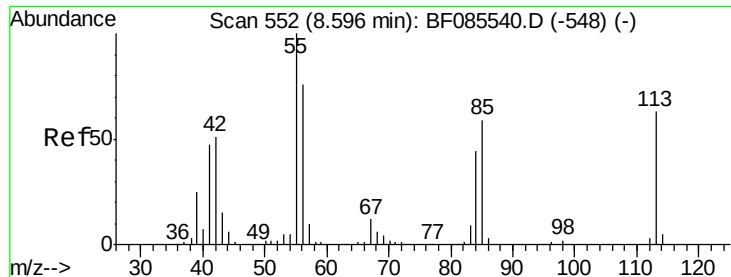
Tgt Ion:	127	Resp:	139974
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	31.3	19.5	29.3#
92	20.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:	225	Resp:	154127
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	61.8	51.4	77.2

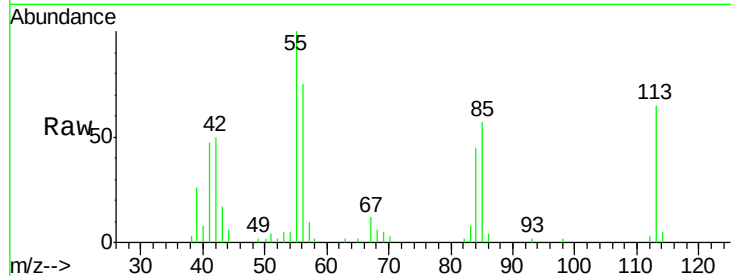




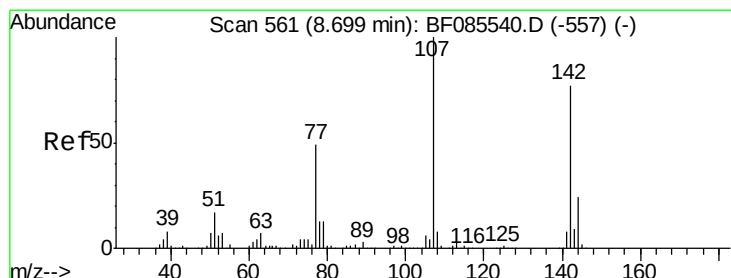
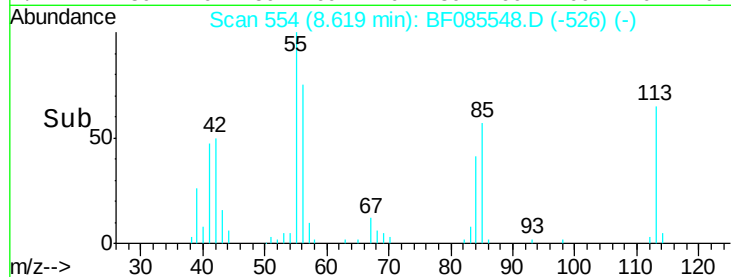
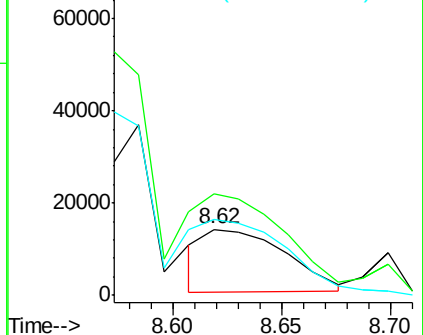
#35
 Caprolactam
 Concen: 15.24 ng
 RT: 8.62 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:113 Resp: 35428
 Ion Ratio Lower Upper
 113 100
 55 154.1 139.4 179.4
 56 115.1 100.4 140.4

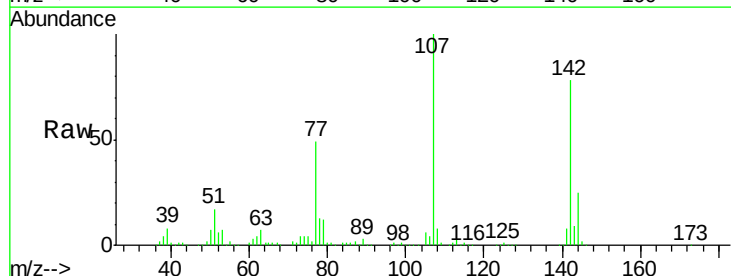


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

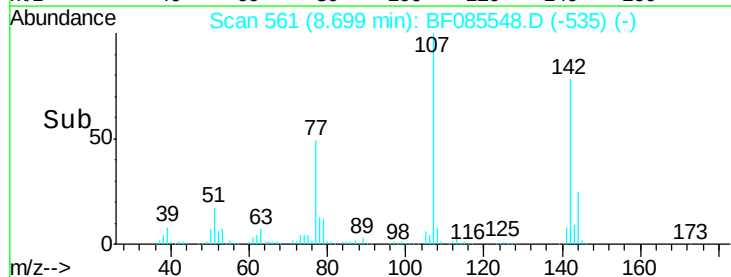
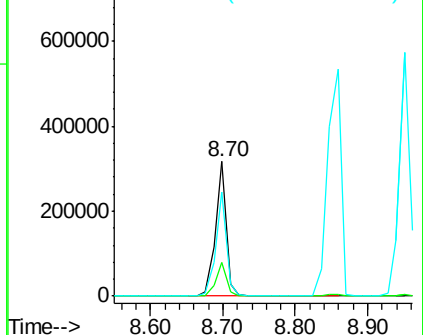


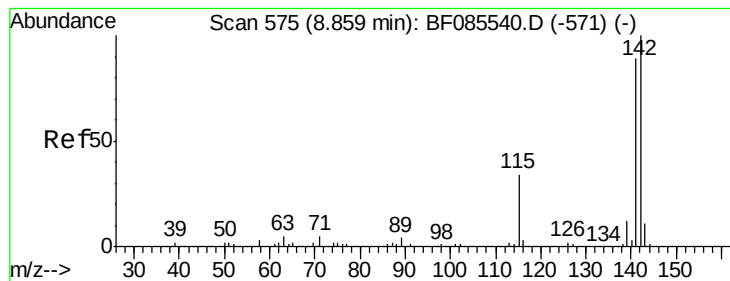
#36
 4-Chloro-3-methylphenol
 Concen: 41.82 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:107 Resp: 330073
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 77.8 61.4 92.0



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: 45.10 ng

RT: 8.86 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

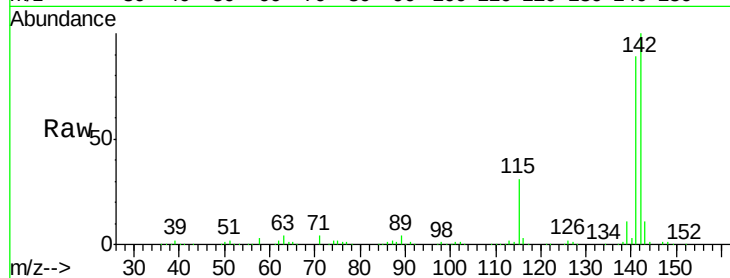
Tgt Ion:142 Resp: 689011

Ion Ratio Lower Upper

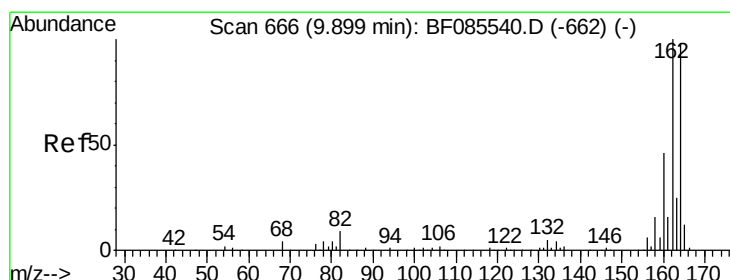
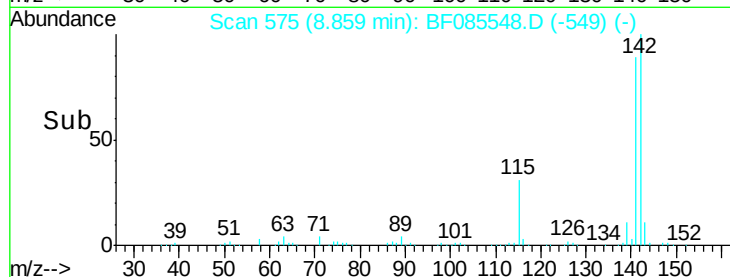
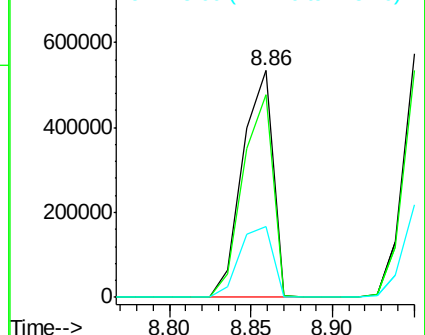
142 100

141 89.3 71.6 107.4

115 31.3 26.8 40.2



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: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

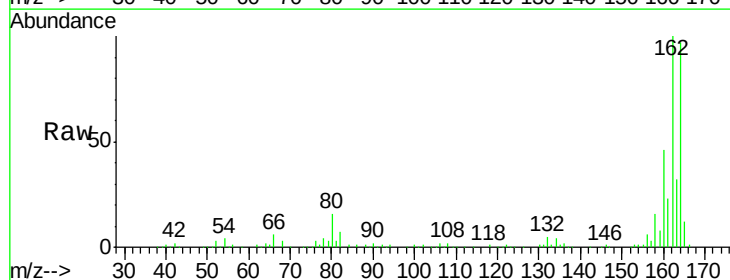
Tgt Ion:164 Resp: 234660

Ion Ratio Lower Upper

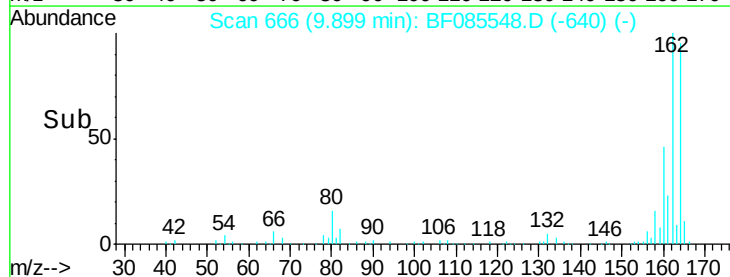
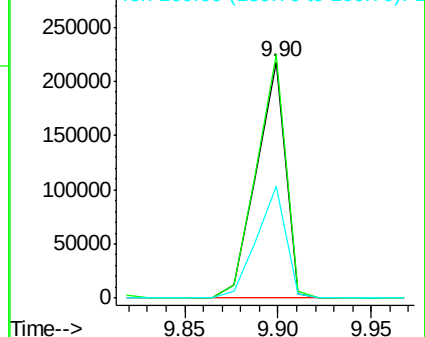
164 100

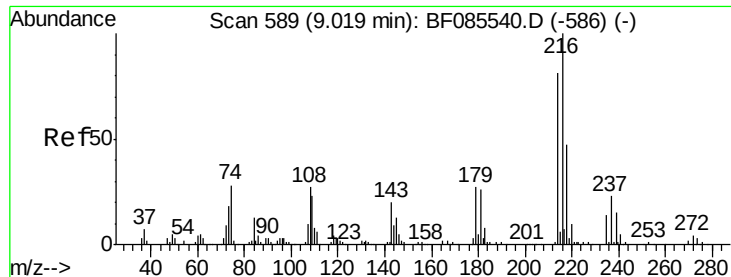
162 102.9 82.1 123.1

160 47.4 37.4 56.2



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: 35.77 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

Tgt Ion:216 Resp: 254602

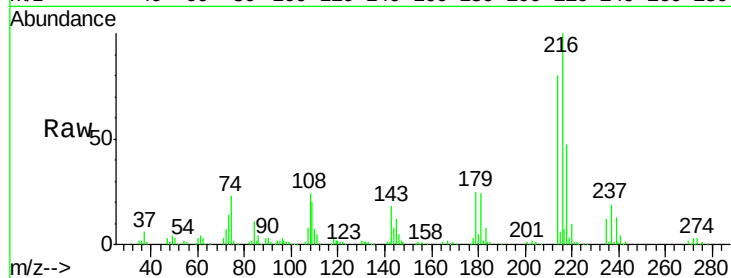
Ion Ratio Lower Upper

216 100

214 78.7 63.1 94.7

179 23.6 18.2 27.2

108 25.0 17.3 25.9

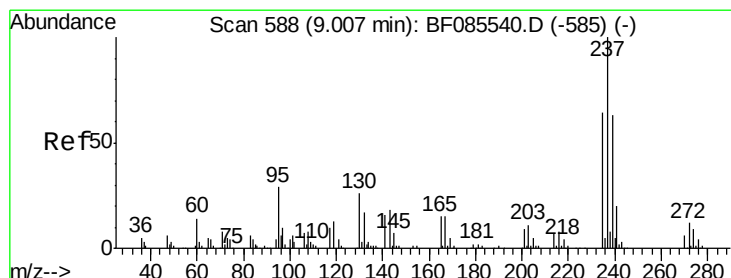
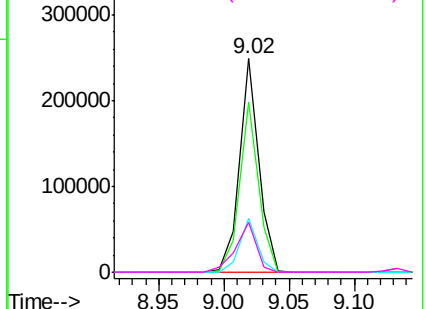
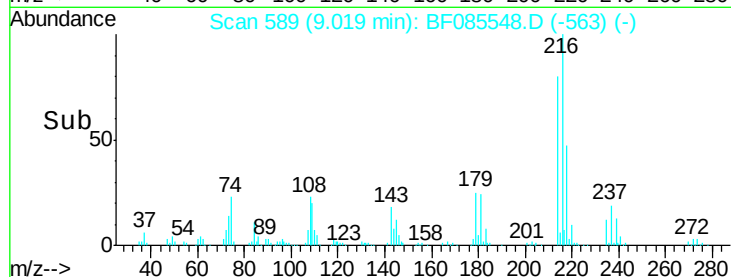


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.66 ng

RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

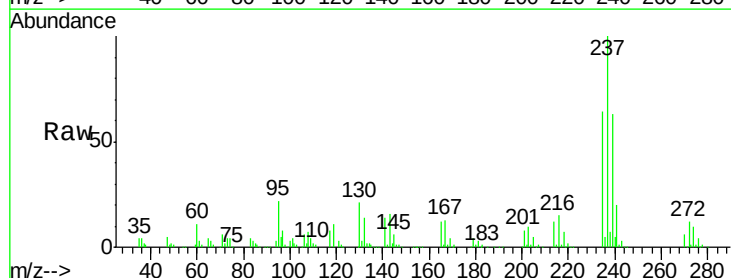
Tgt Ion:237 Resp: 297272

Ion Ratio Lower Upper

237 100

235 64.1 43.7 83.7

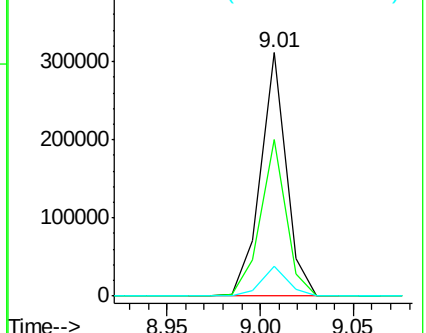
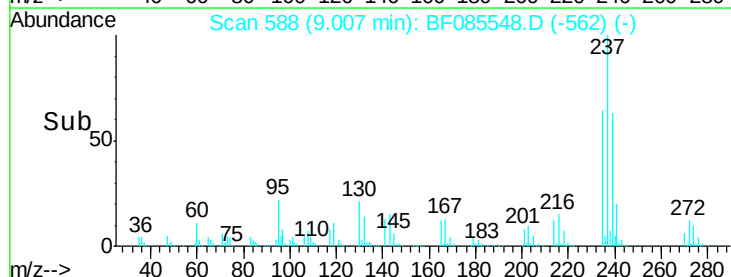
272 12.1 0.0 31.9

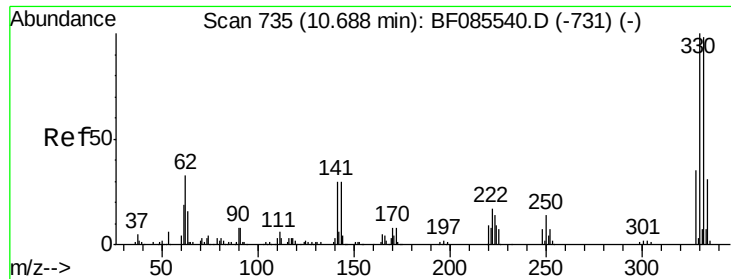


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

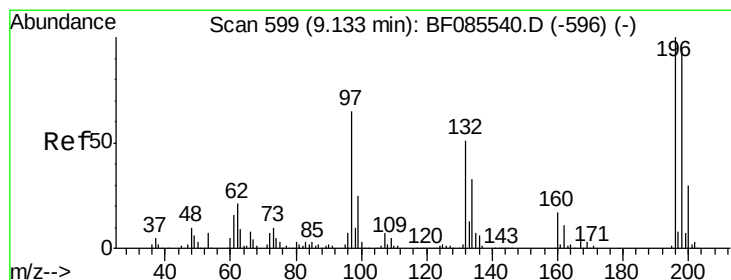
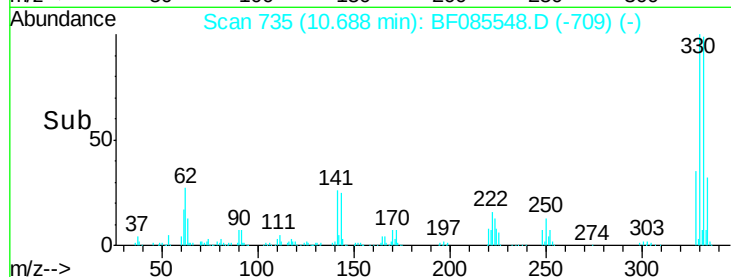
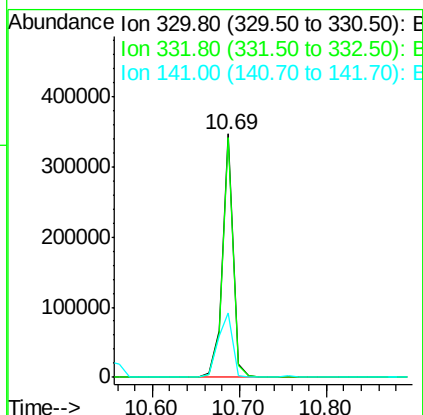
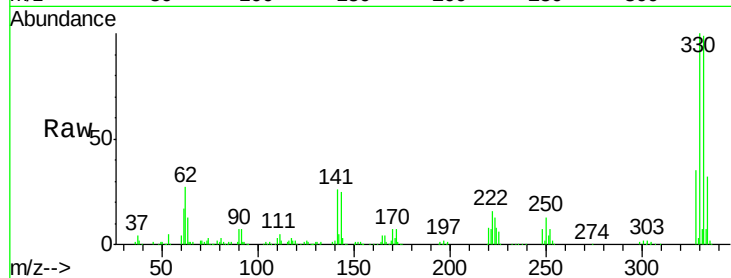




#41
 2,4,6-Tribromophenol
 Concen: 132.41 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

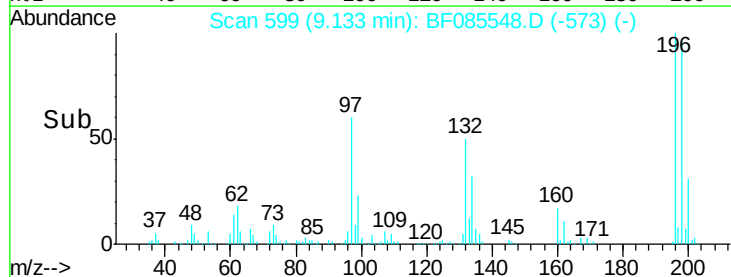
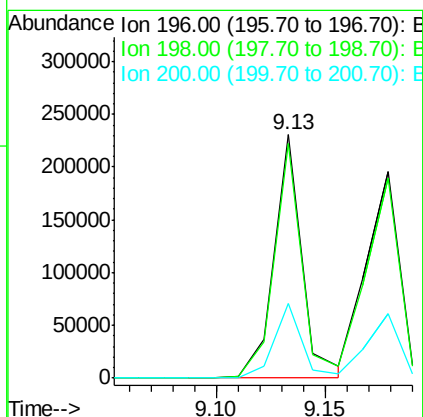
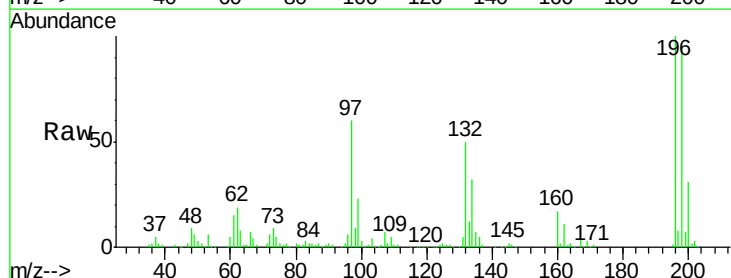
Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

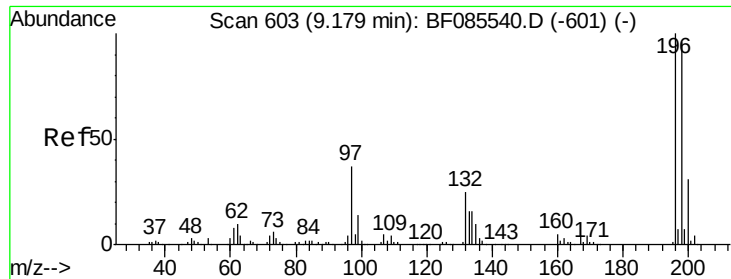
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.2
141	36.1	31.5	47.3



#42
 2,4,6-Trichlorophenol
 Concen: 42.83 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.3	112.9
200	30.5	23.7	35.5

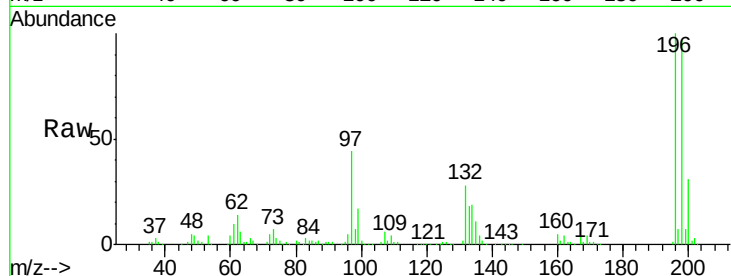




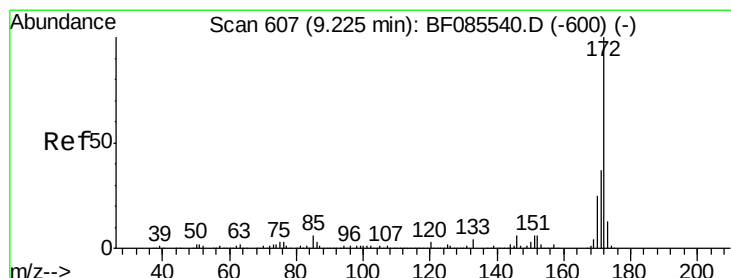
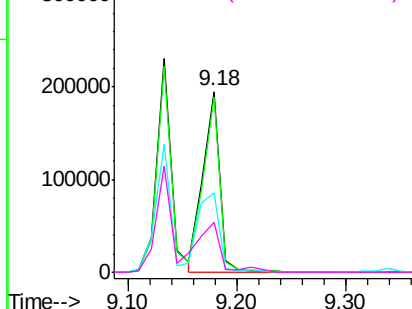
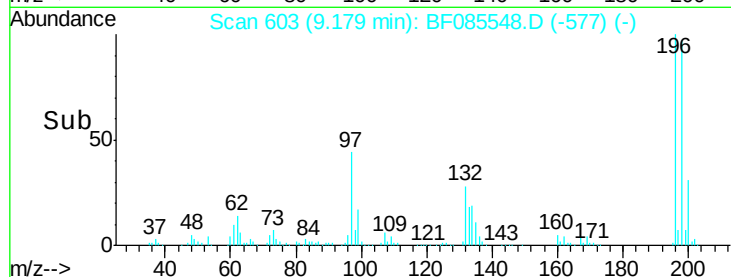
#43
 2,4,5-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:196 Resp: 211616
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 114.8
 97 44.0 30.5 45.7
 132 27.7 20.2 30.2

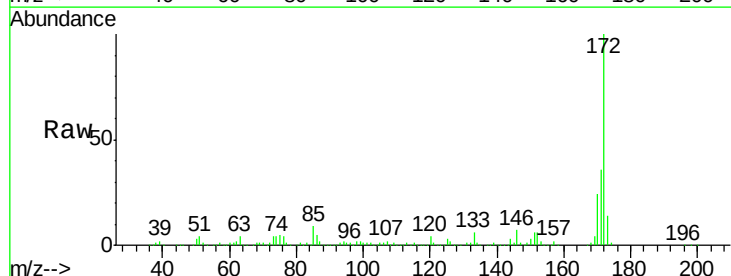


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

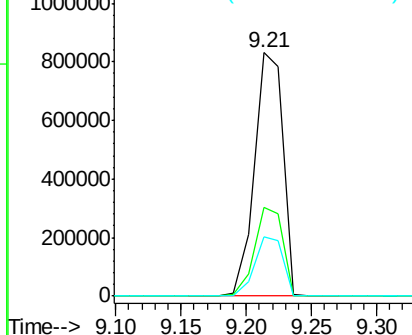
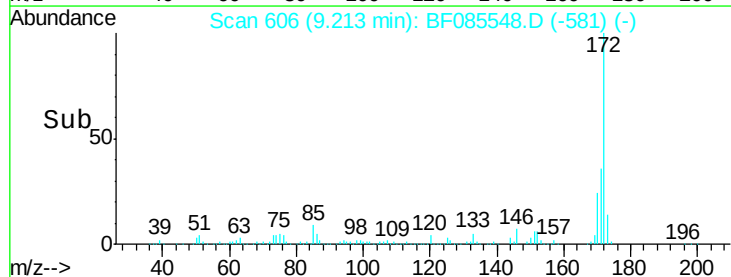


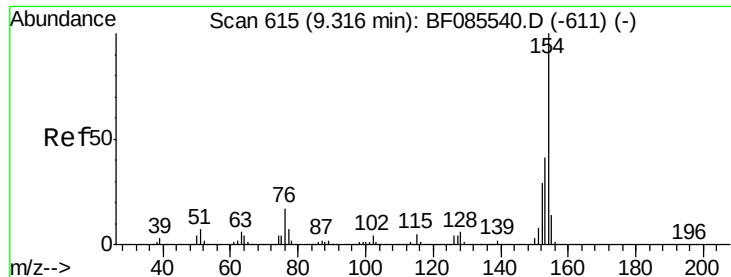
#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:172 Resp: 1266919
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.4 19.8 29.6



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

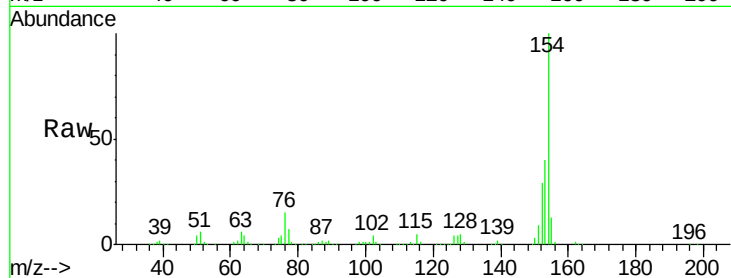




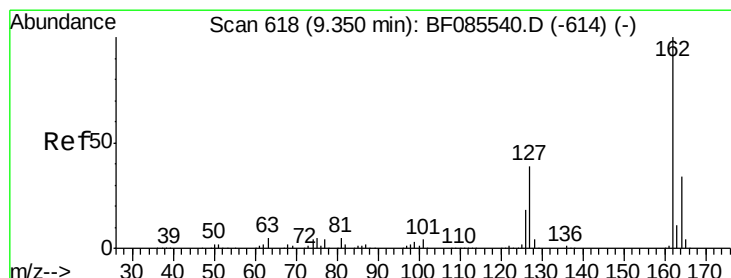
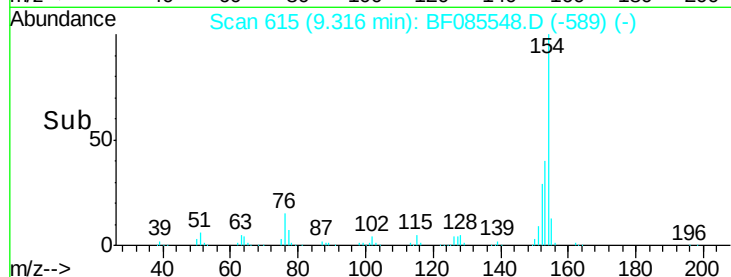
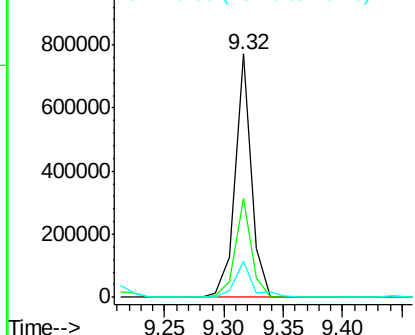
#45
1,1'-Biphenyl
Concen: 36.35 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion:154 Resp: 735805
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 14.9 0.0 36.7

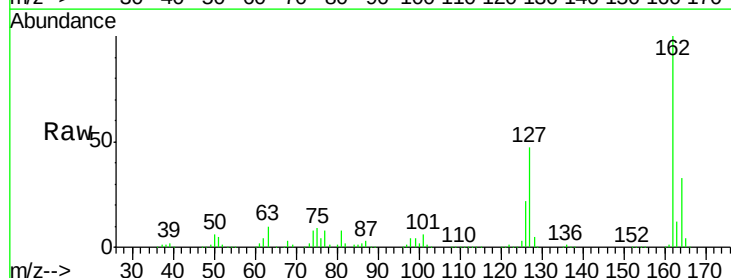


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

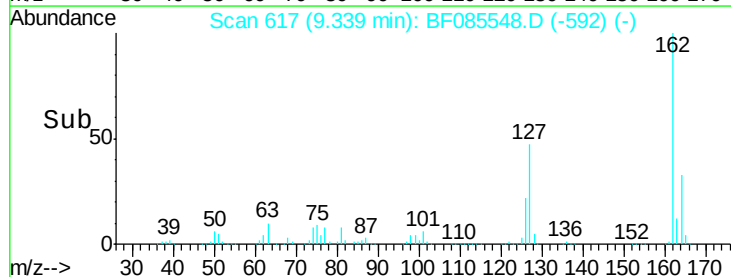
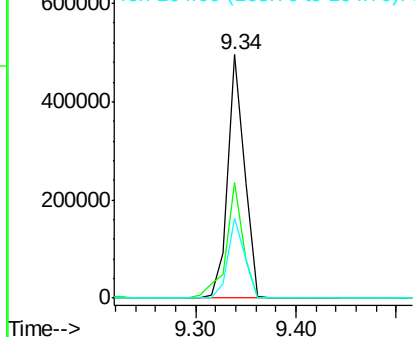


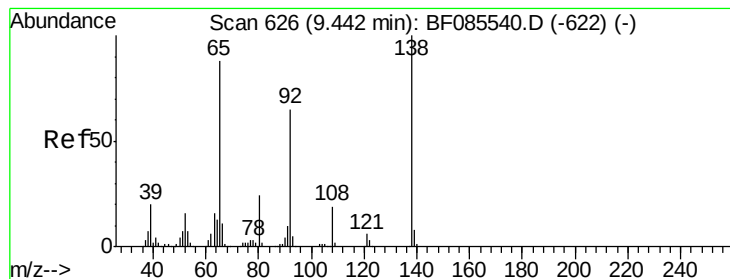
#46
2-Chloronaphthalene
Concen: 38.54 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:162 Resp: 569926
Ion Ratio Lower Upper
162 100
127 47.5 31.7 47.5
164 32.8 27.3 40.9



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: 44.93 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

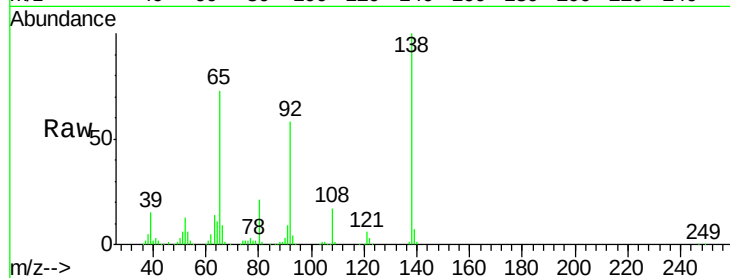
Tgt Ion: 65 Resp: 200966

Ion Ratio Lower Upper

65 100

92 79.9 59.7 89.5

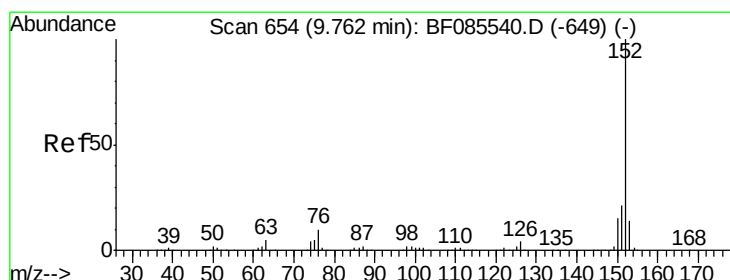
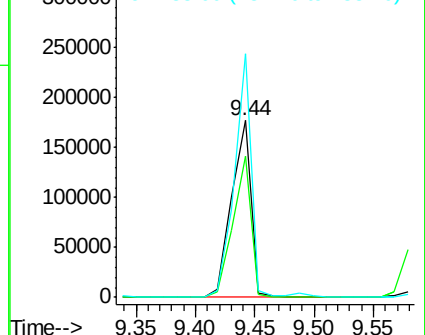
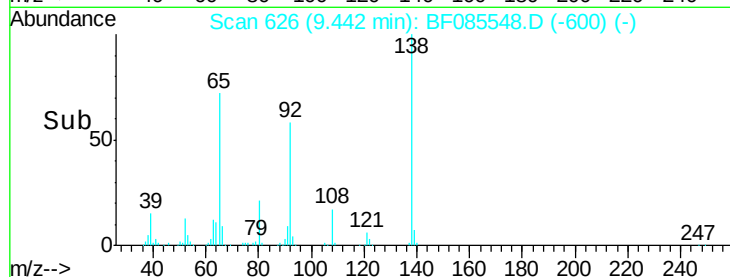
138 137.7 91.4 137.0#



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: 42.37 ng

RT: 9.76 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

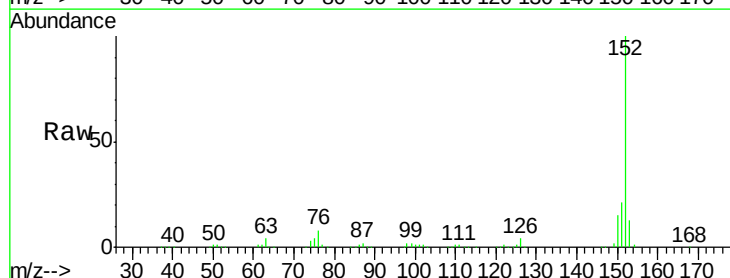
Tgt Ion: 152 Resp: 1014000

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

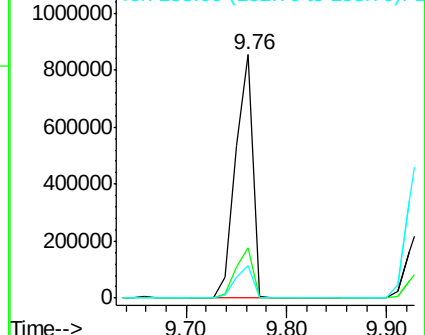
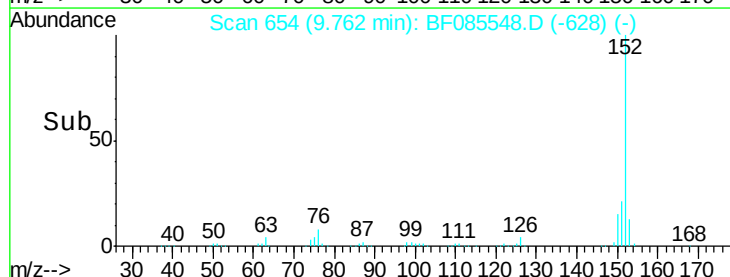
153 13.3 10.9 16.3

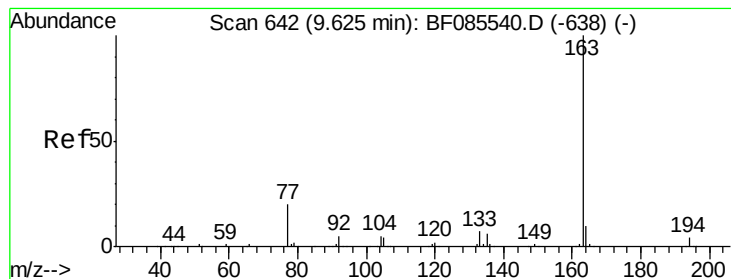


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.59 ng

RT: 9.62 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

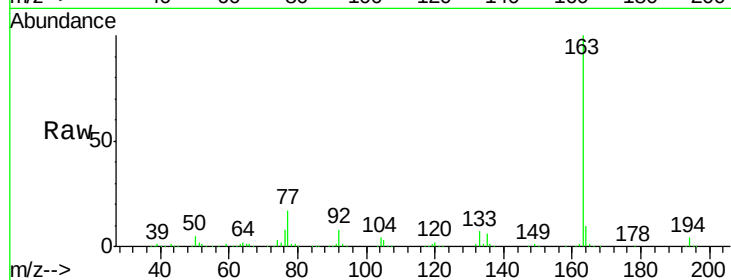
Tgt Ion:163 Resp: 754161

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

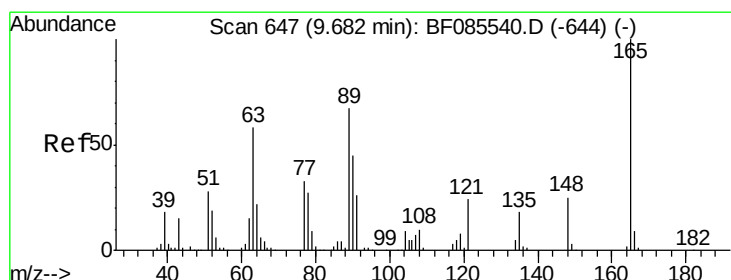
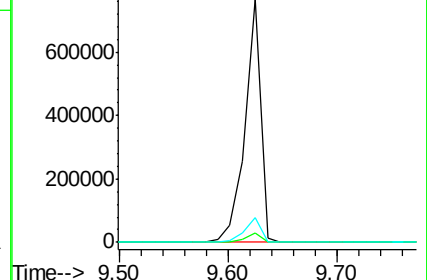
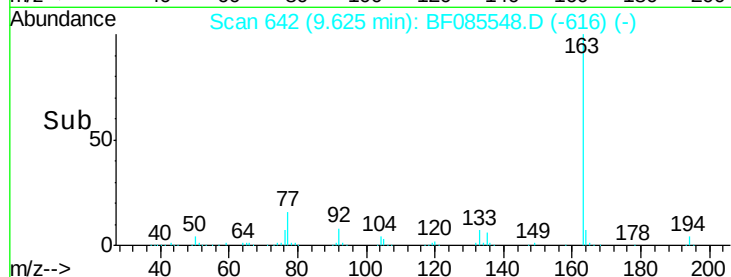
164 10.2 8.3 12.5



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: 42.68 ng

RT: 9.68 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

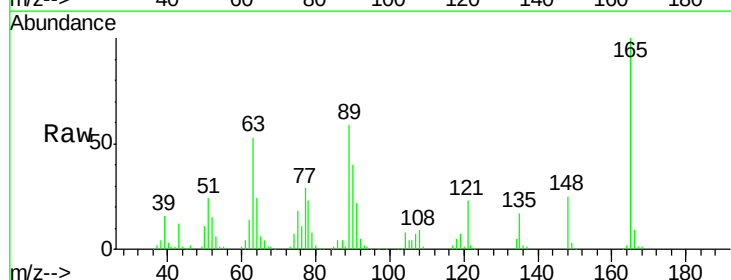
Tgt Ion:165 Resp: 159545

Ion Ratio Lower Upper

165 100

63 53.2 51.8 77.8

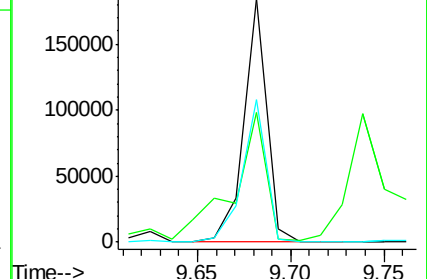
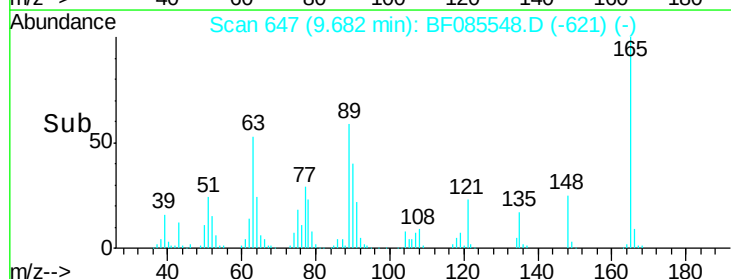
89 58.6 53.7 80.5

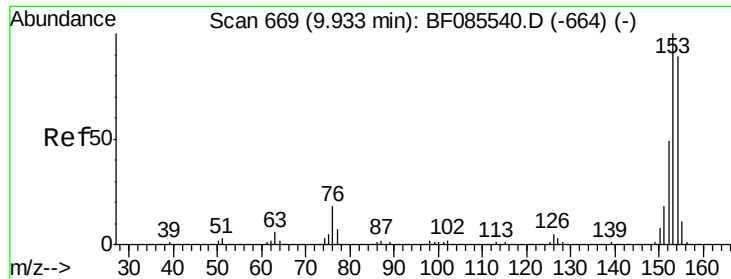


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

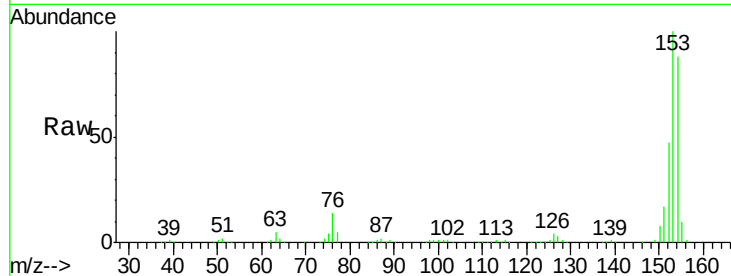
Tgt Ion:154 Resp: 701649

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

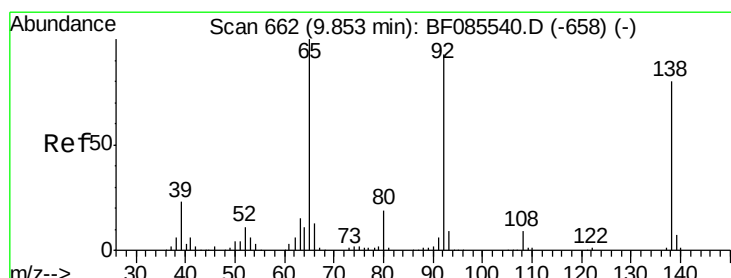
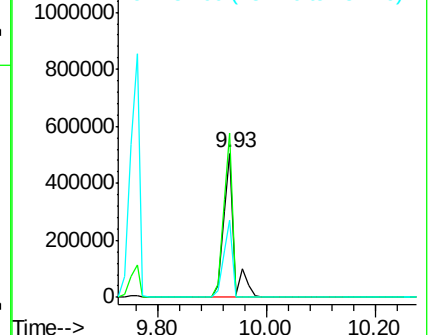
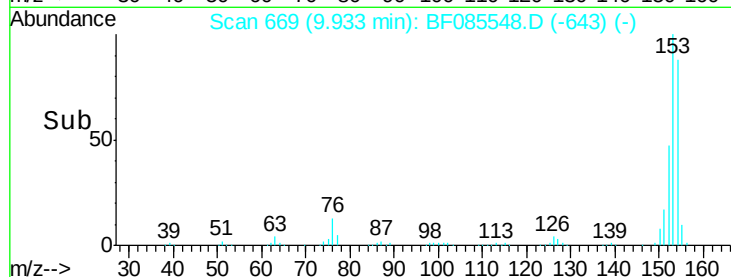
152 53.6 44.2 66.2



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: 22.25 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

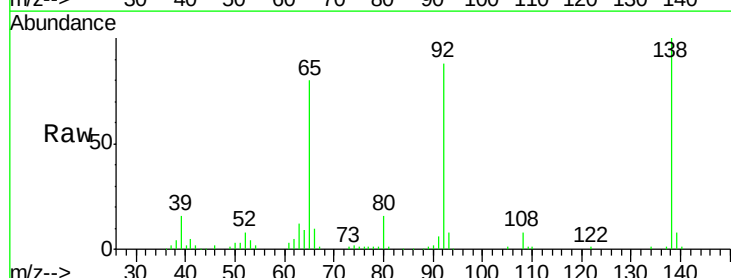
Tgt Ion:138 Resp: 104171

Ion Ratio Lower Upper

138 100

108 8.5 8.7 13.1#

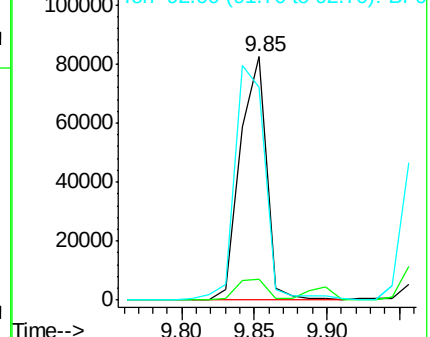
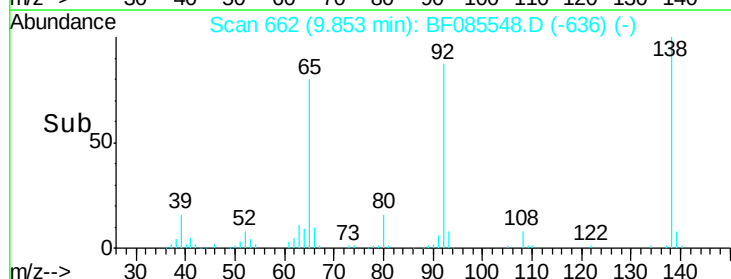
92 87.6 93.3 139.9#

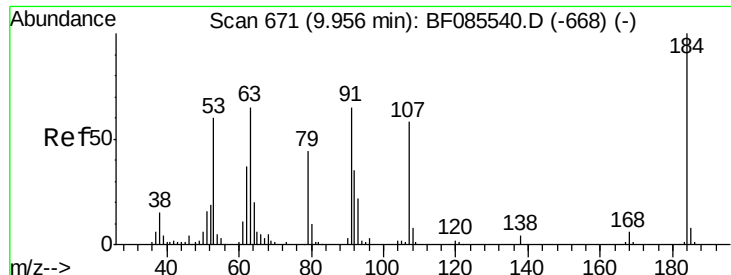


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

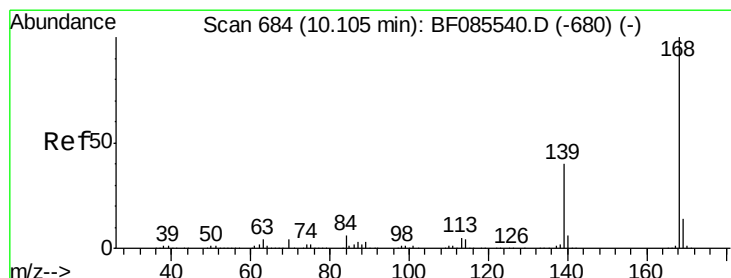
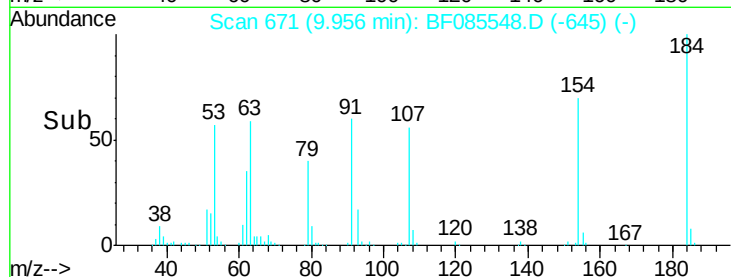
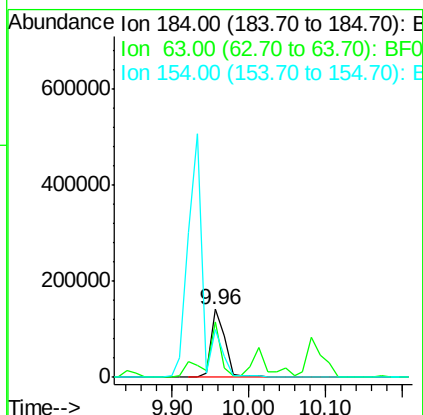
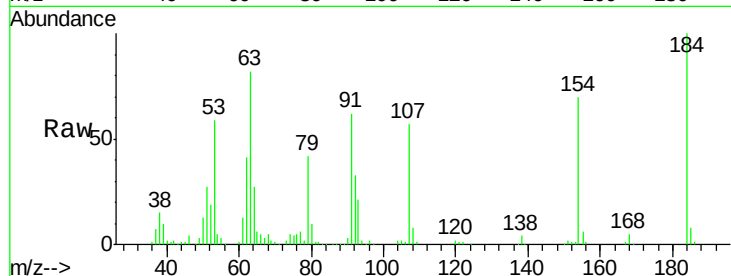




#53
2,4-Dinitrophenol
Concen: 76.23 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

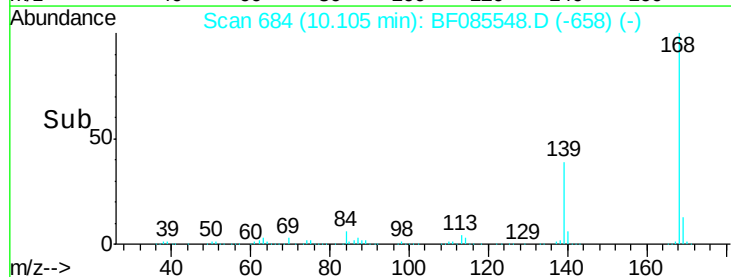
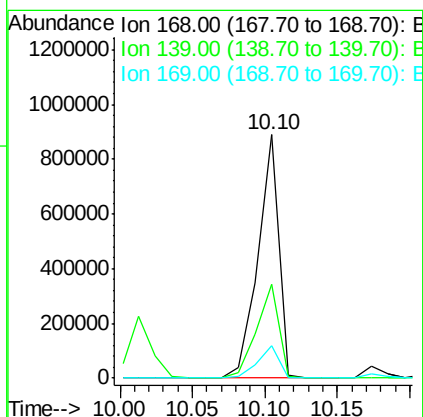
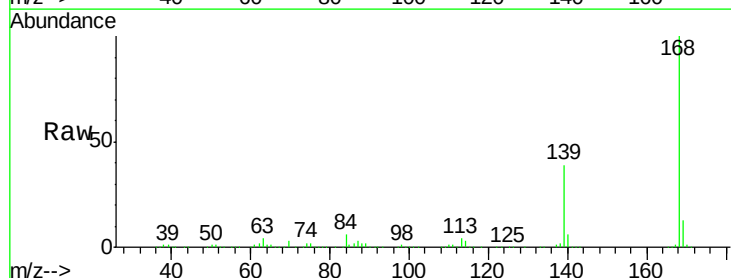
Instrument :
BNA_F
ClientSampleId :
PB88949BS

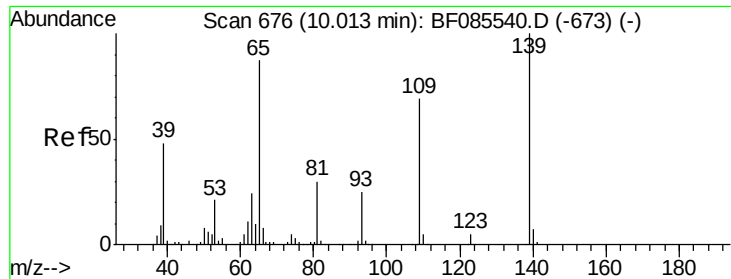
Tgt Ion:184 Resp: 174566
Ion Ratio Lower Upper
184 100
63 82.4 69.5 104.3
154 70.4 58.3 87.5



#54
Dibenzofuran
Concen: 48.59 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:168 Resp: 888559
Ion Ratio Lower Upper
168 100
139 38.6 31.9 47.9
169 13.4 11.0 16.6

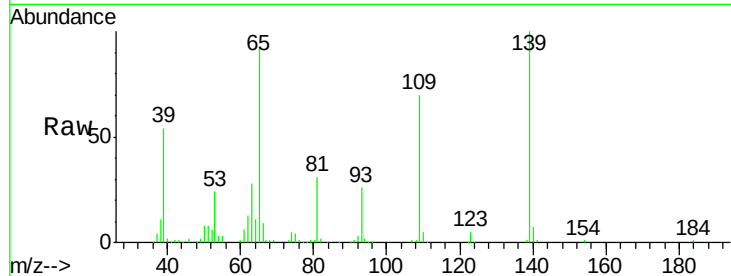




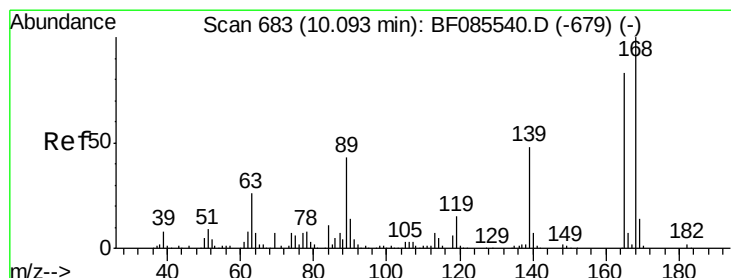
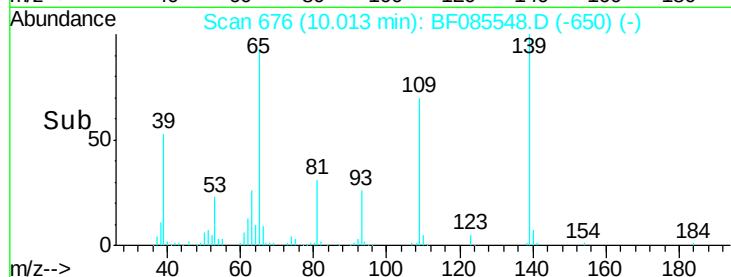
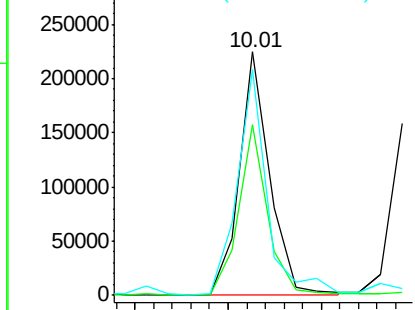
#55
4-Nitrophenol
Concen: 70.78 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion:139 Resp: 256121
Ion Ratio Lower Upper
139 100
109 70.2 49.2 89.2
65 92.9 66.9 106.9

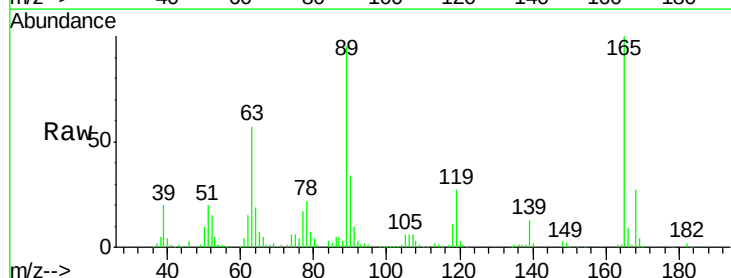


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

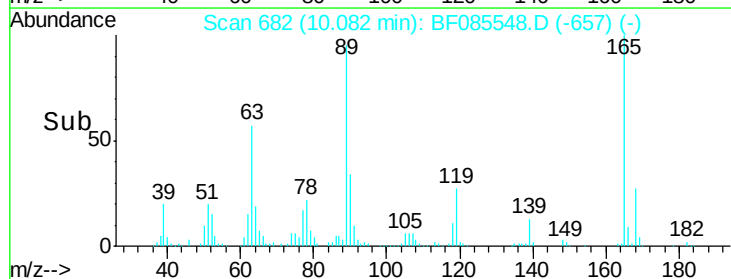
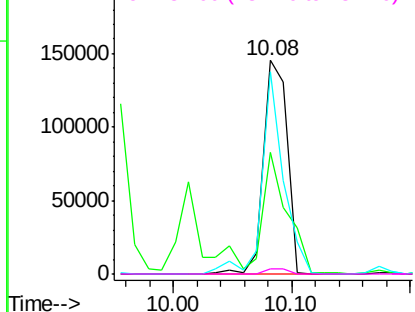


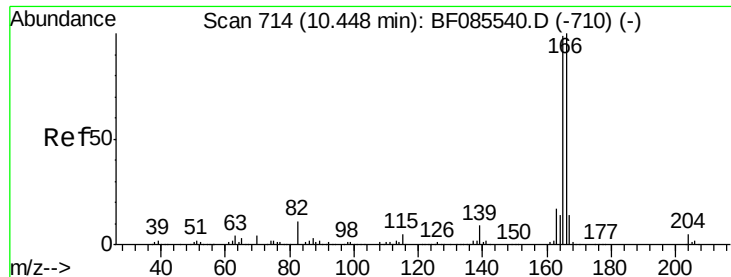
#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:165 Resp: 202724
Ion Ratio Lower Upper
165 100
63 57.1 24.9 37.3#
89 94.9 41.0 61.6#
182 2.3 2.1 3.1



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





#57

Fluorene

Concen: 43.92 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

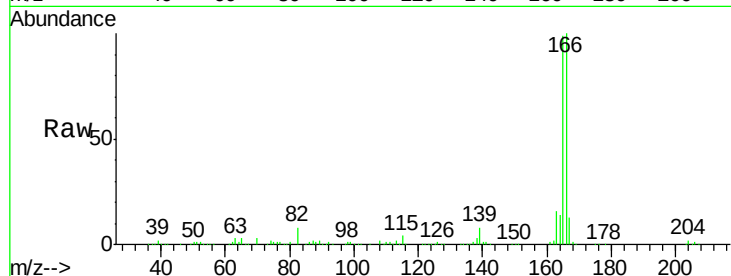
Tgt Ion:166 Resp: 669329

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

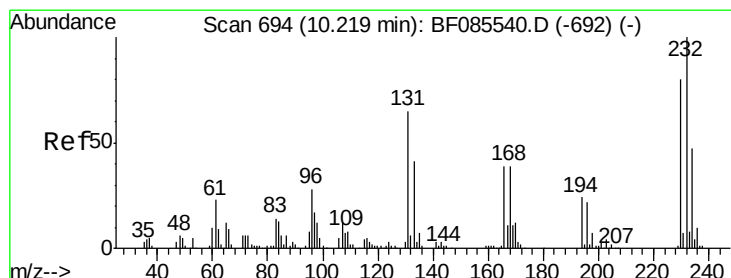
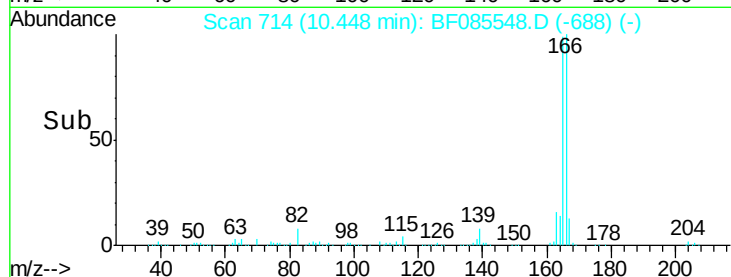
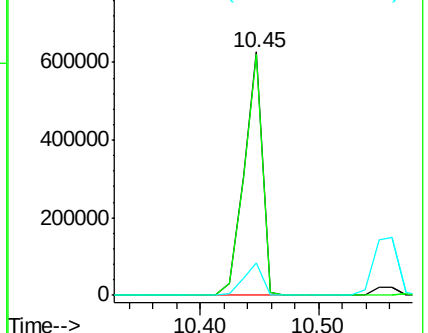
167 13.1 11.0 16.4



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: 46.14 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:232 Resp: 164728

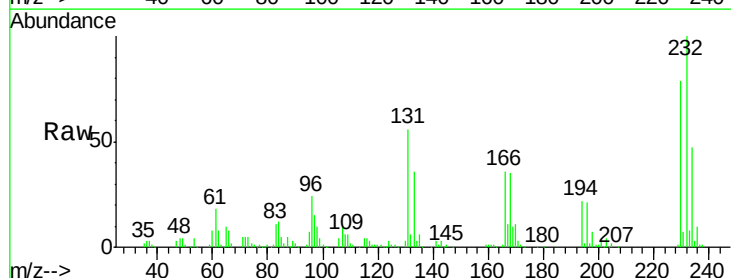
Ion Ratio Lower Upper

232 100

131 55.2 44.9 67.3

130 2.7 2.3 3.5

166 33.7 28.1 42.1

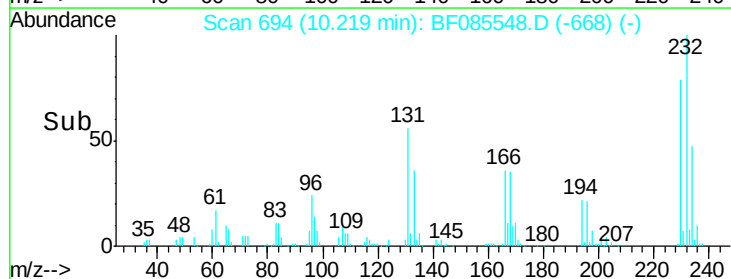
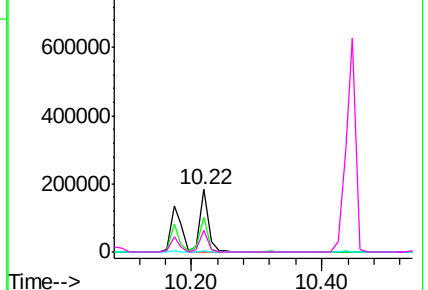


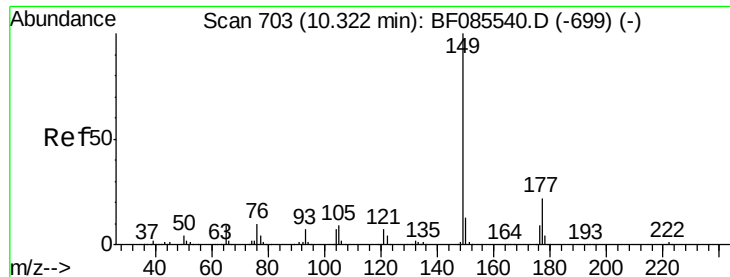
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

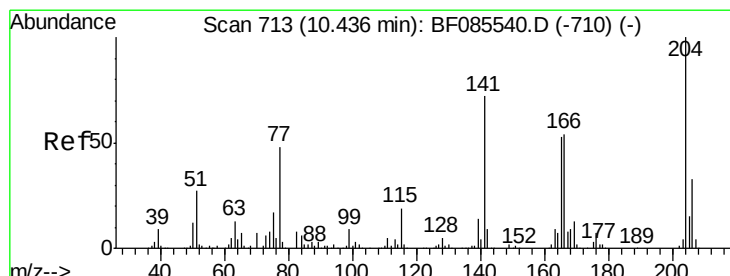
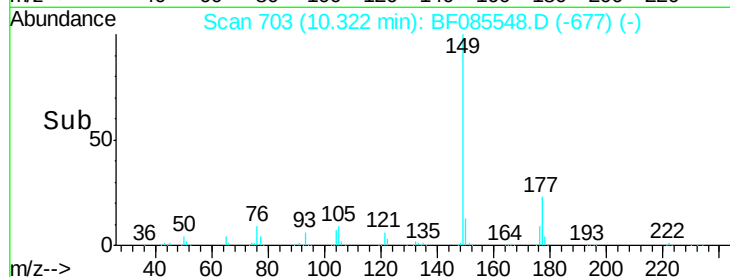
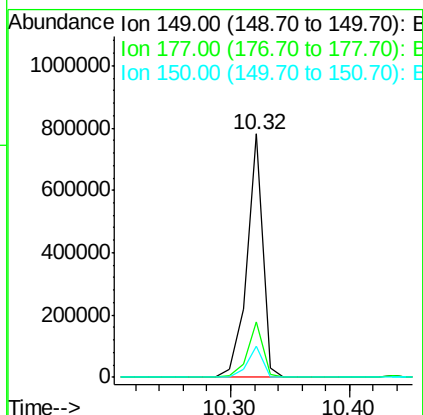
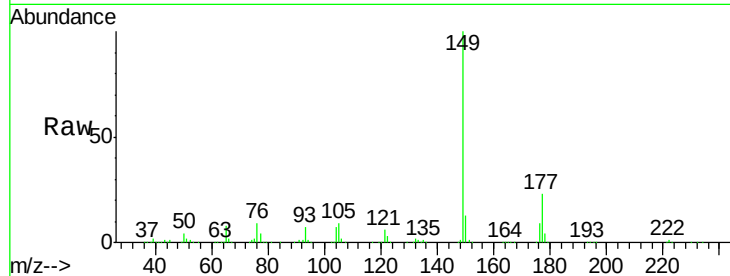




#59
Diethylphthalate
Concen: 41.24 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

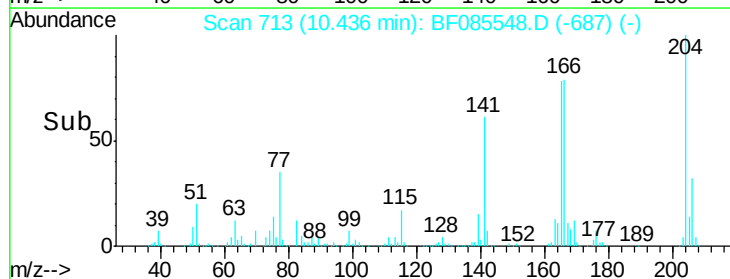
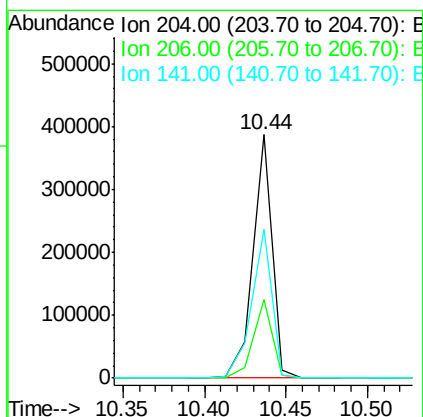
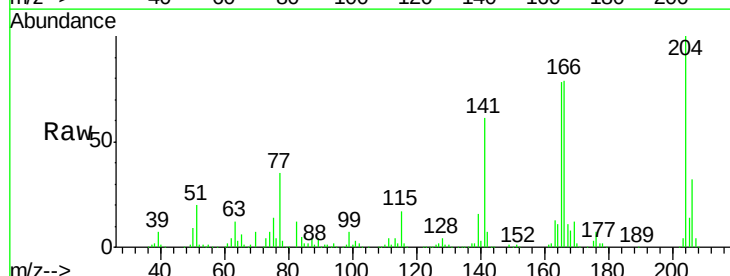
Instrument :
BNA_F
ClientSampleId :
PB88949BS

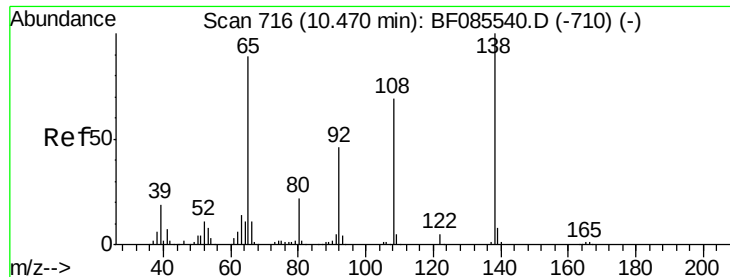
Tgt Ion:149 Resp: 726013
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.52 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:204 Resp: 316474
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 61.0 57.4 86.0

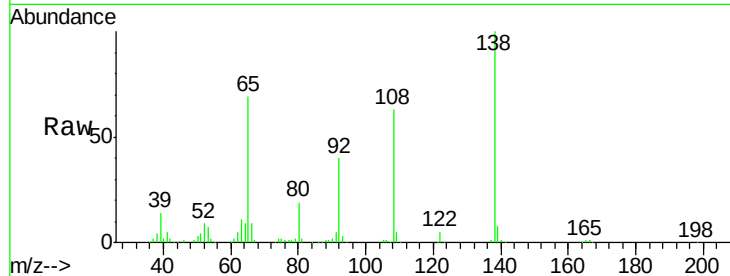




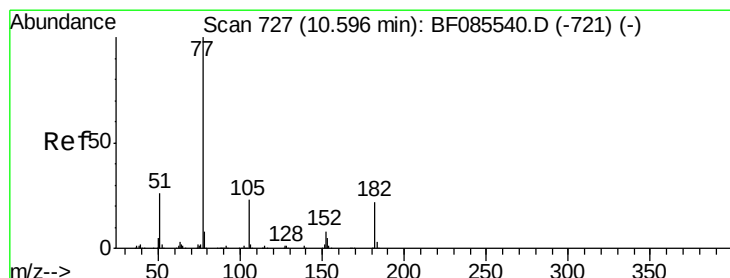
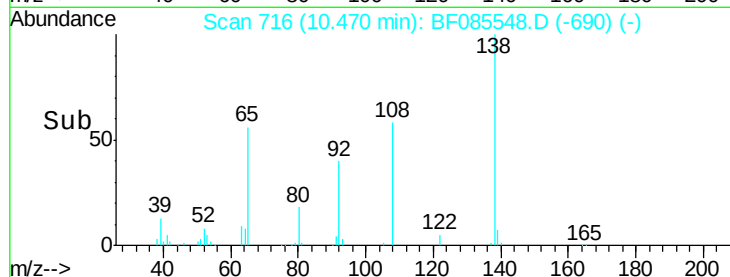
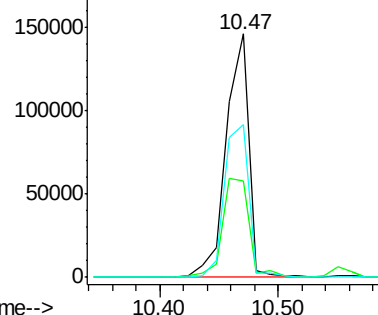
#61
4-Nitroaniline
Concen: 42.28 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion: 138 Resp: 195120
Ion Ratio Lower Upper
138 100
92 39.6 26.4 66.4
108 63.0 49.0 89.0

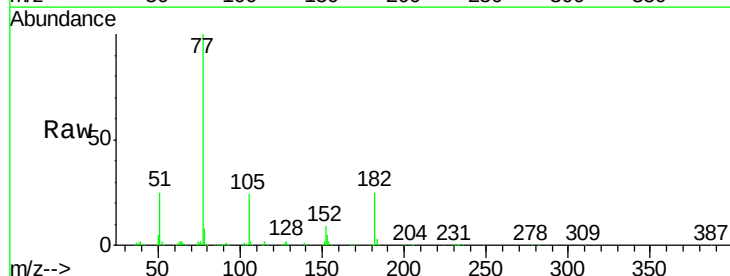


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

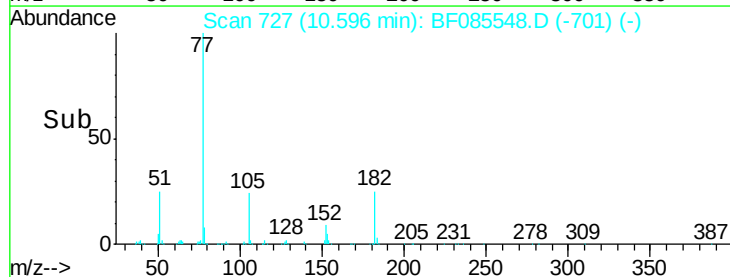
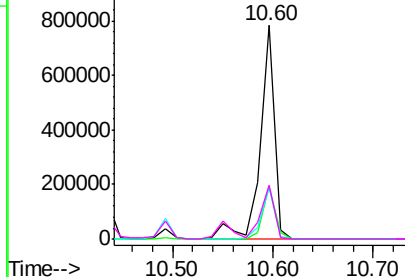


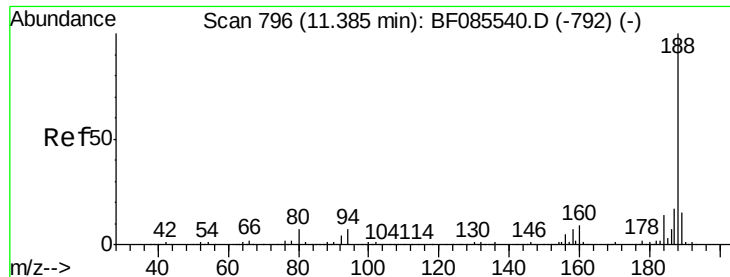
#62
Azobenzene
Concen: 46.00 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion: 77 Resp: 777211
Ion Ratio Lower Upper
77 100
182 24.9 1.9 41.9
105 24.1 3.5 43.5
51 25.3 6.3 46.3



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

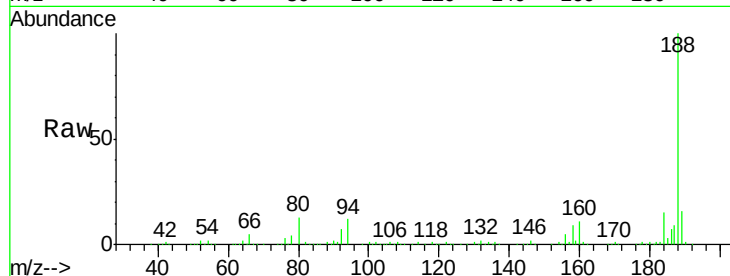




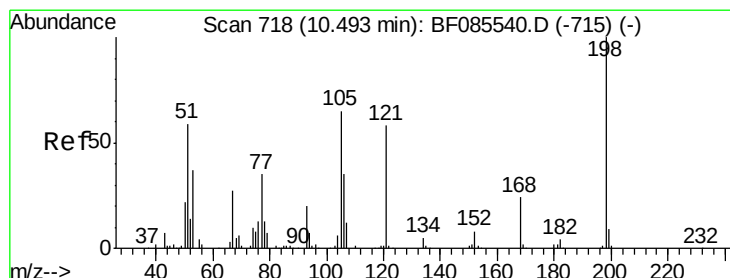
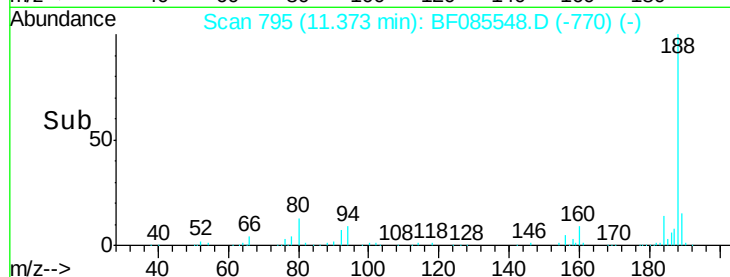
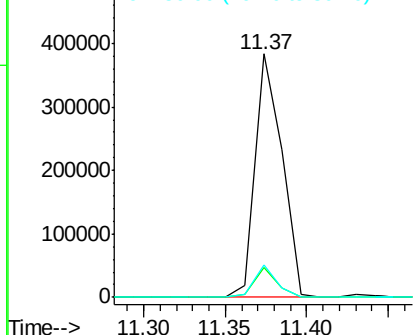
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion:188 Resp: 440338
Ion Ratio Lower Upper
188 100
94 12.2 5.4 8.0#
80 13.2 5.5 8.3#

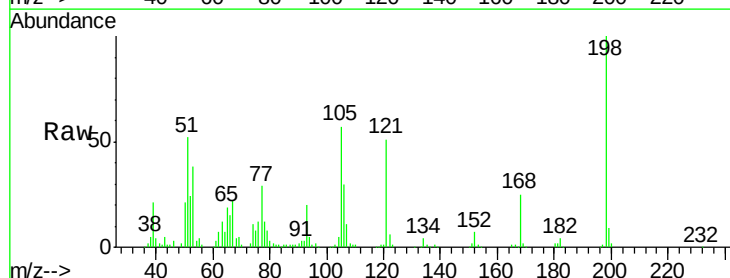


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

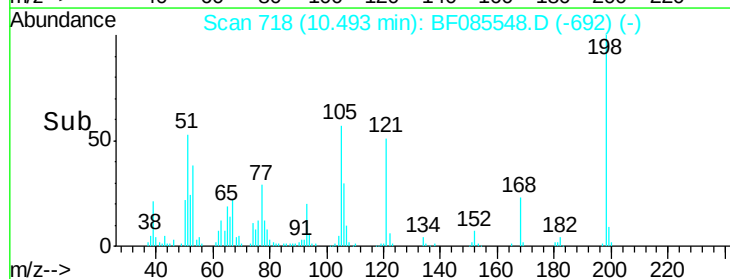
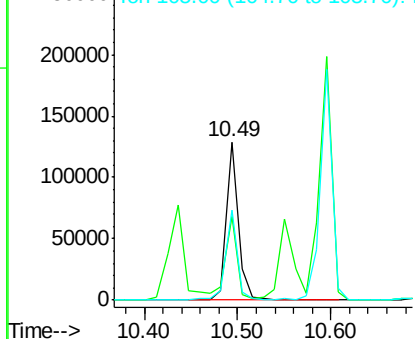


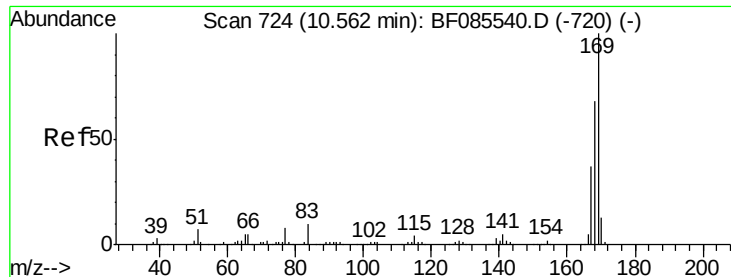
#64
4,6-Dinitro-2-methylphenol
Concen: 40.78 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:198 Resp: 114910
Ion Ratio Lower Upper
198 100
51 52.5 45.4 85.4
105 56.5 45.9 85.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.83 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

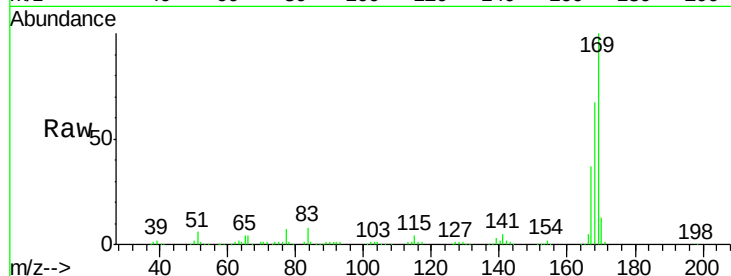
Tgt Ion:169 Resp: 573764

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

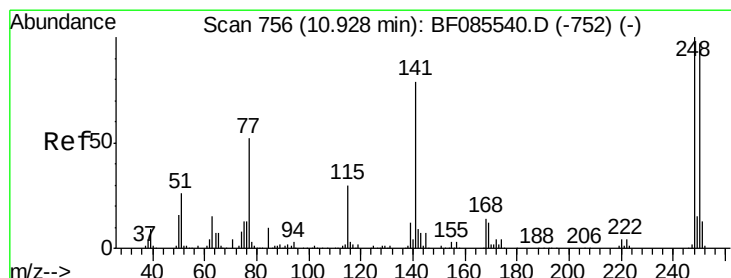
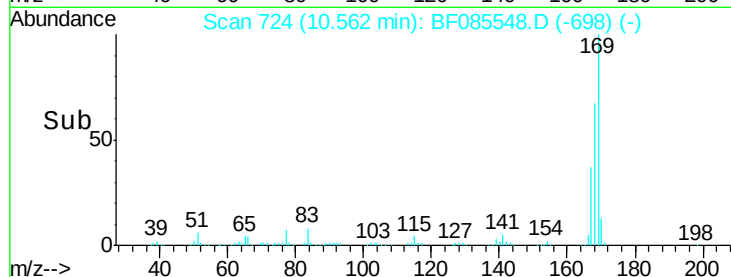
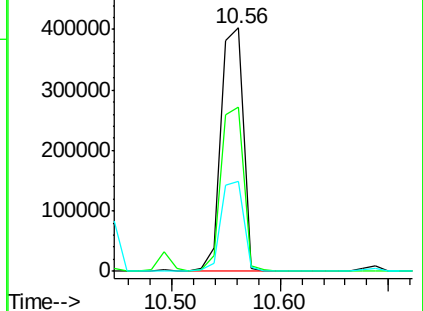
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.52 ng

RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

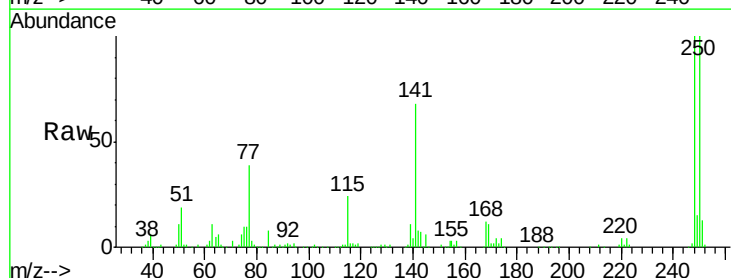
Tgt Ion:248 Resp: 191425

Ion Ratio Lower Upper

248 100

250 99.6 77.4 116.0

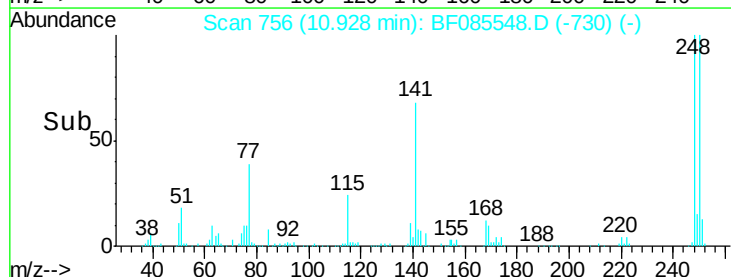
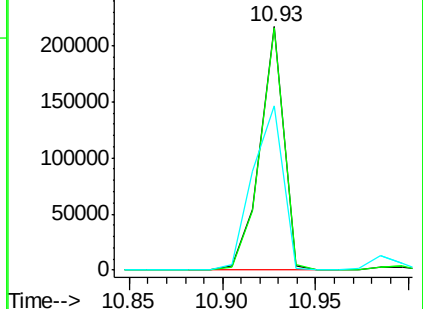
141 67.6 63.6 95.4

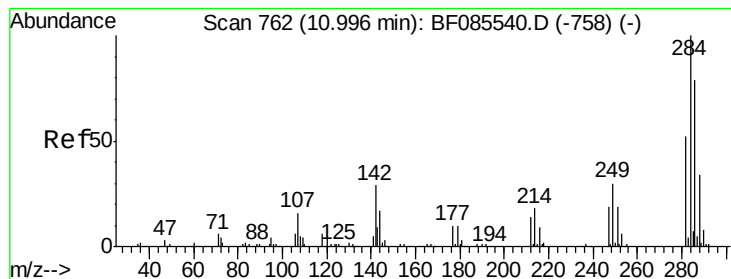


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.79 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

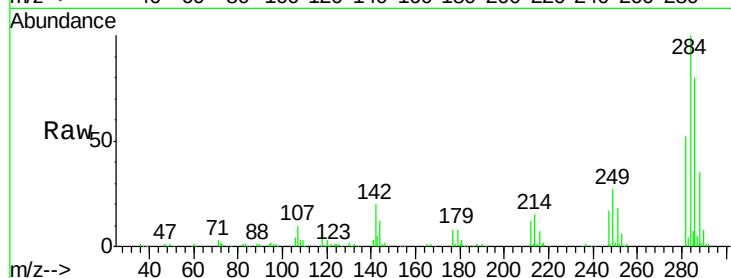
Tgt Ion:284 Resp: 204647

Ion Ratio Lower Upper

284 100

142 19.5 23.1 34.7#

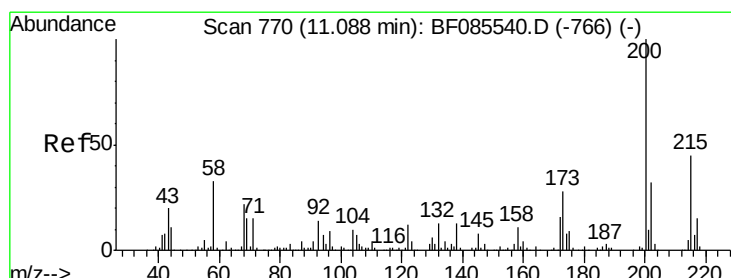
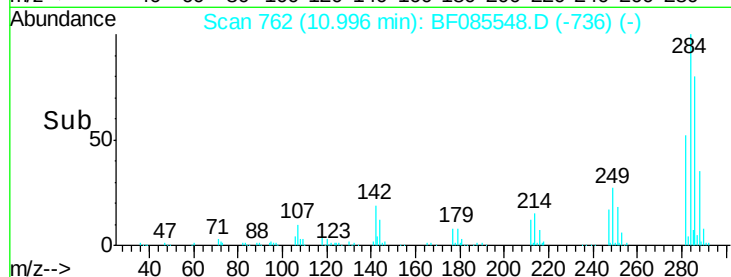
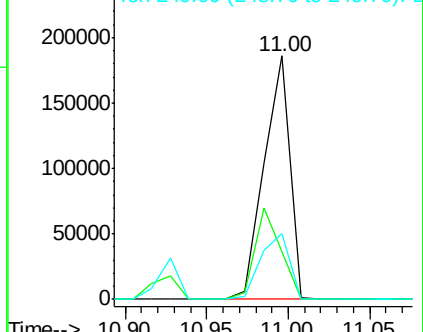
249 27.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.41 ng

RT: 11.09 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

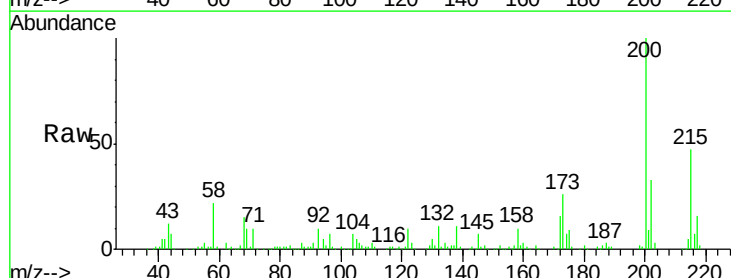
Tgt Ion:200 Resp: 210513

Ion Ratio Lower Upper

200 100

173 26.0 7.7 47.7

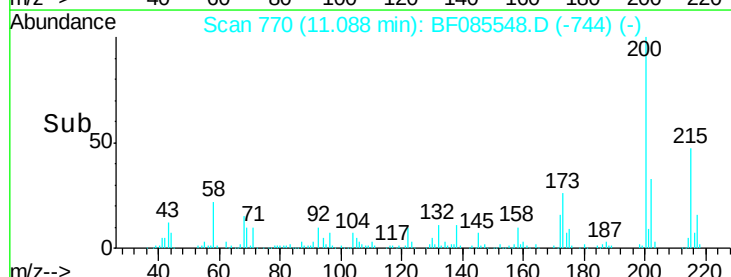
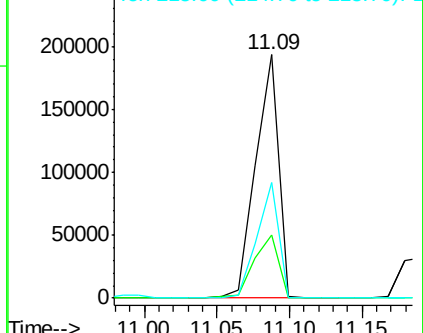
215 47.4 25.4 65.4

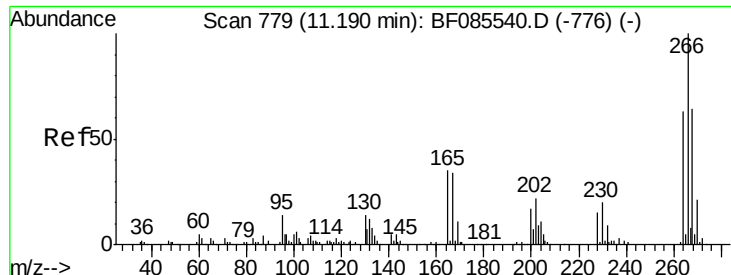


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

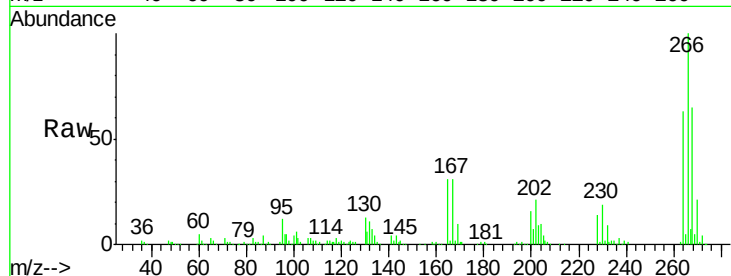




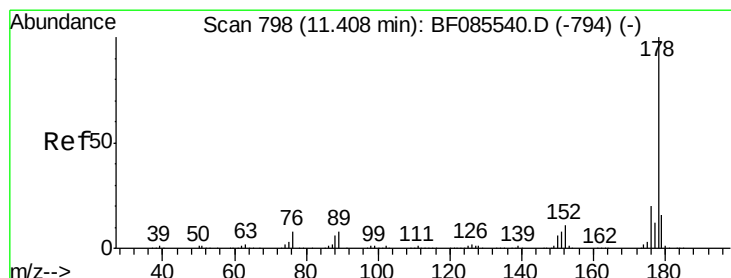
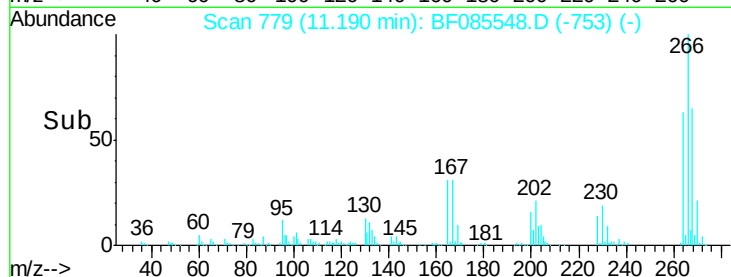
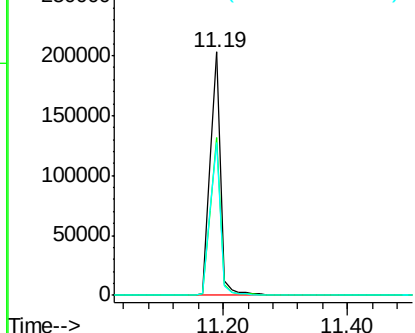
#69
 Pentachlorophenol
 Concen: 84.47 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion: 266 Resp: 239673
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.5 77.3
 264 63.0 50.6 76.0

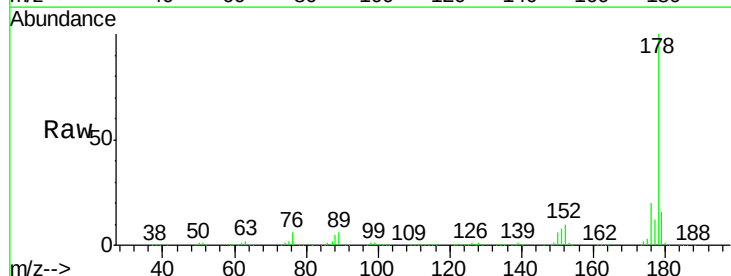


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

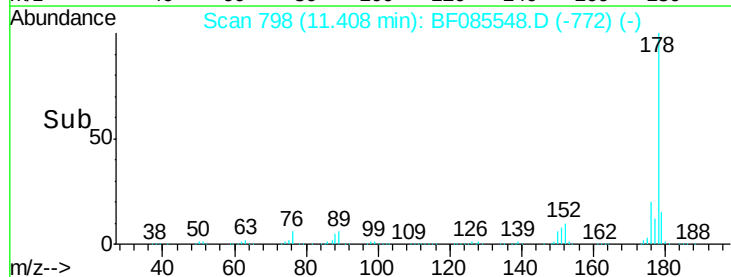
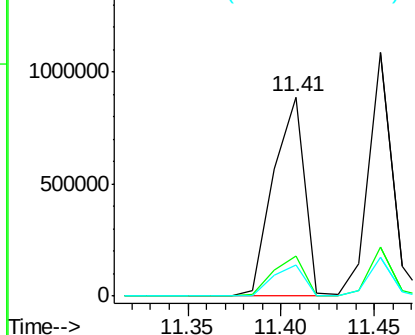


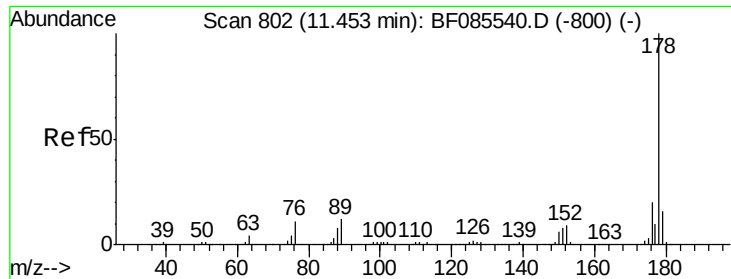
#70
 Phenanthrene
 Concen: 44.52 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion: 178 Resp: 1033776
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

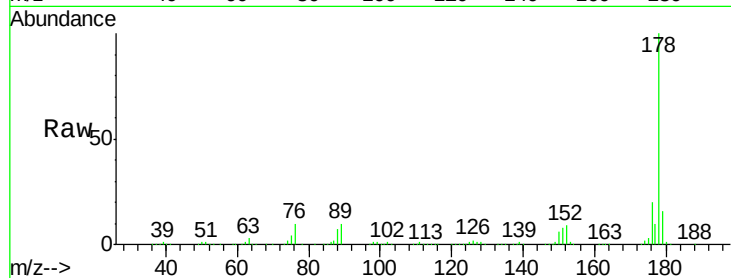




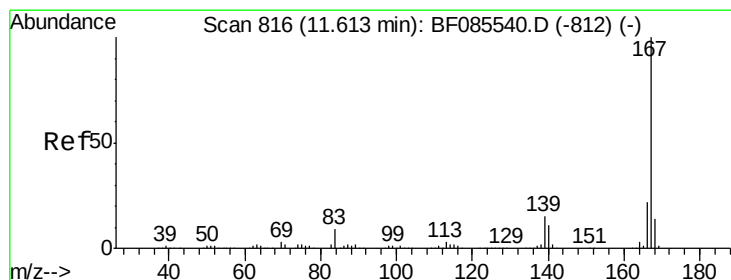
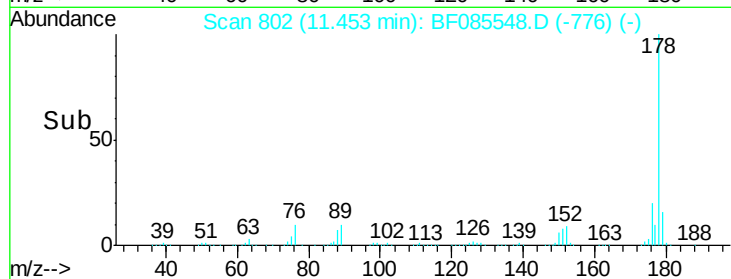
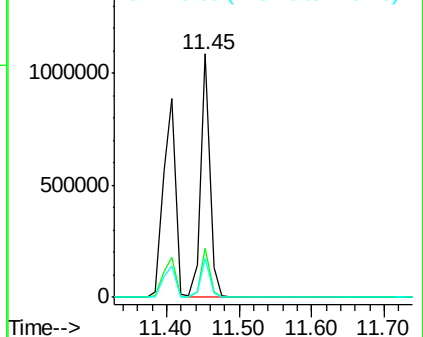
#71
 Anthracene
 Concen: 39.03 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:178 Resp: 950240
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.0 13.0 19.4

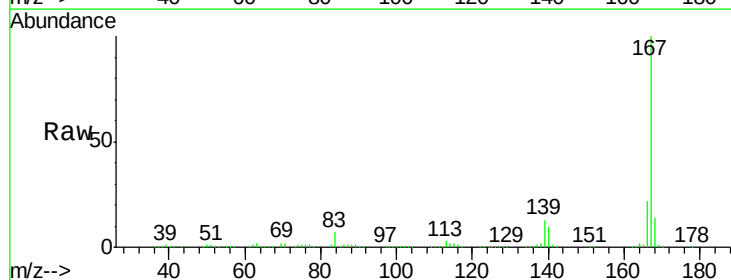


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

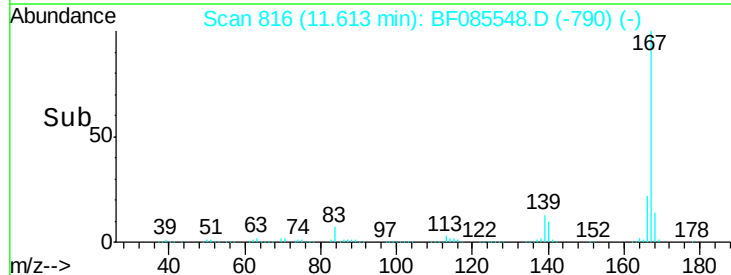
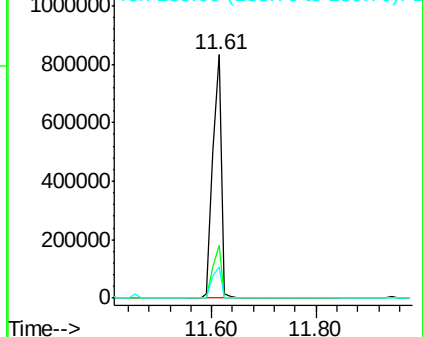


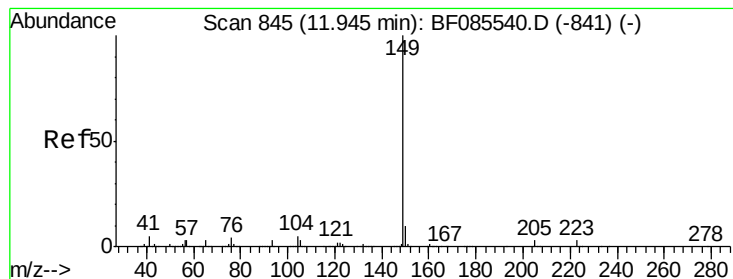
#72
 Carbazole
 Concen: 45.13 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:167 Resp: 947793
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.0 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.35 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

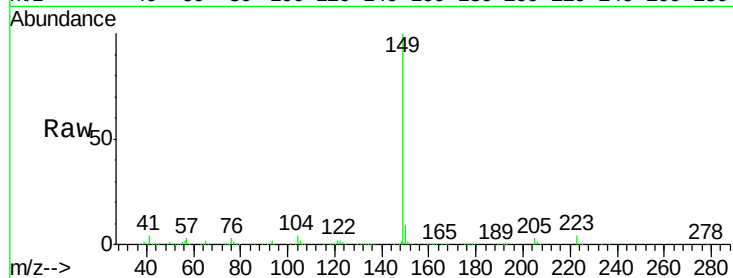
Tgt Ion:149 Resp: 1139964

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

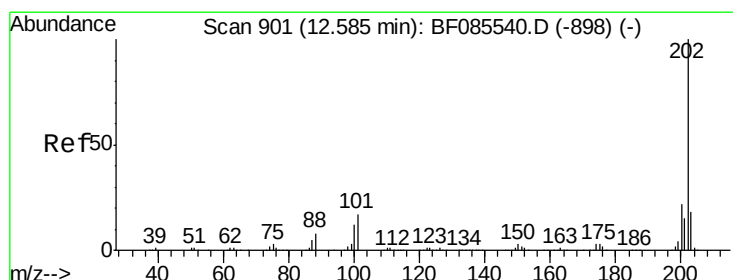
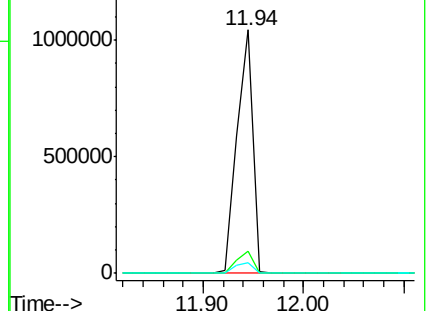
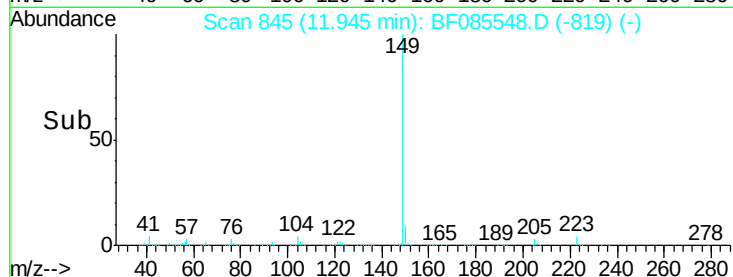
104 4.3 3.8 5.8



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: 38.80 ng

RT: 12.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

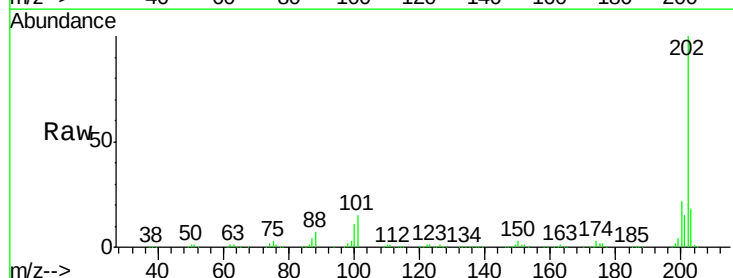
Tgt Ion:202 Resp: 943383

Ion Ratio Lower Upper

202 100

101 14.8 0.0 36.6

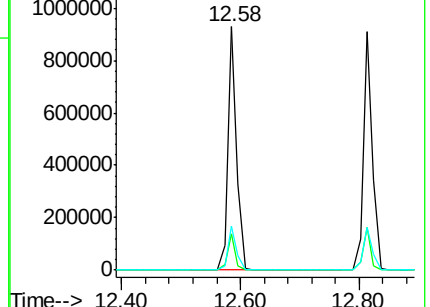
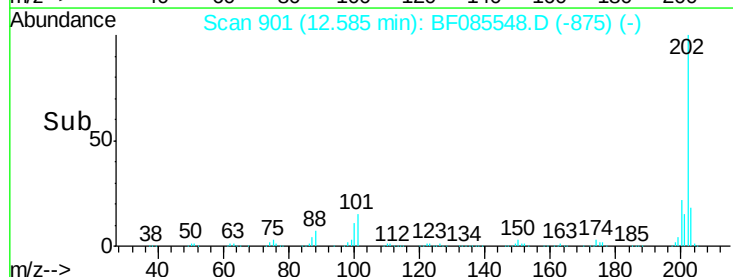
203 18.2 0.0 38.1

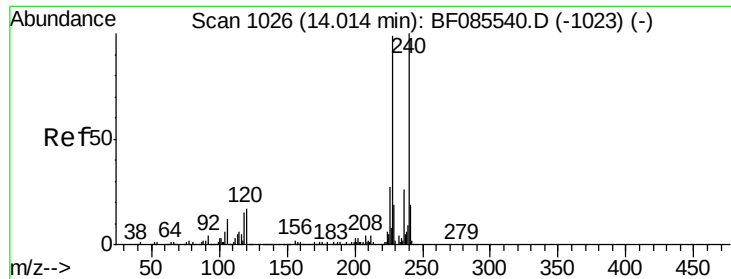


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

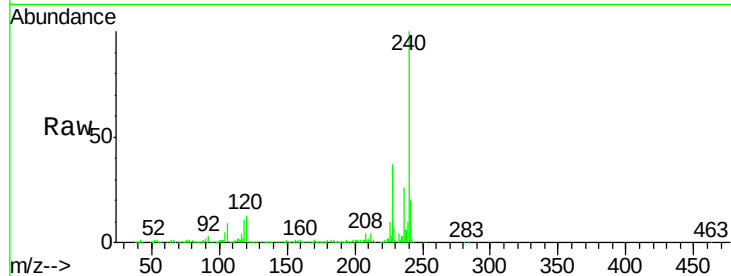
Tgt Ion:240 Resp: 377371

Ion Ratio Lower Upper

240 100

120 13.1 13.8 20.8#

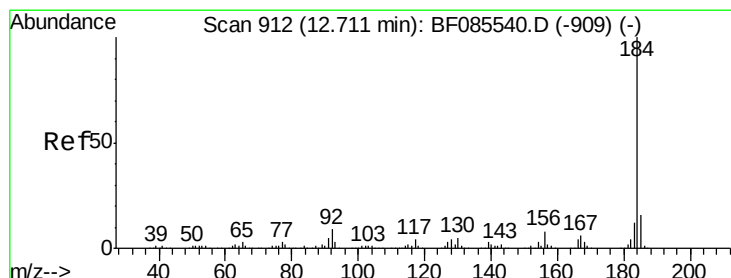
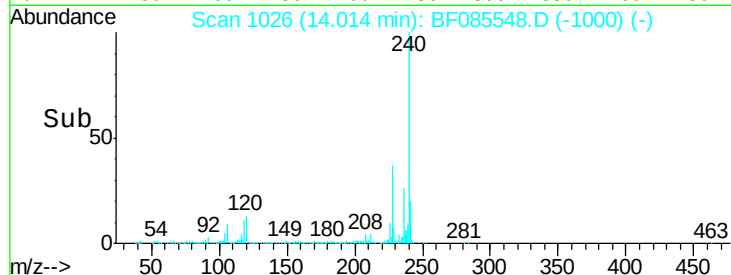
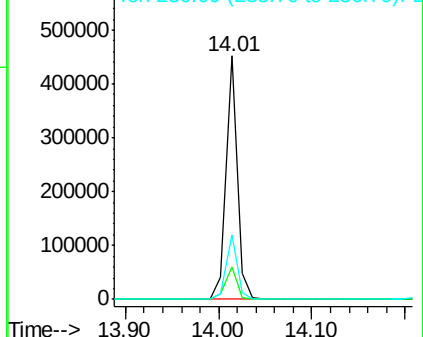
236 26.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.98 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

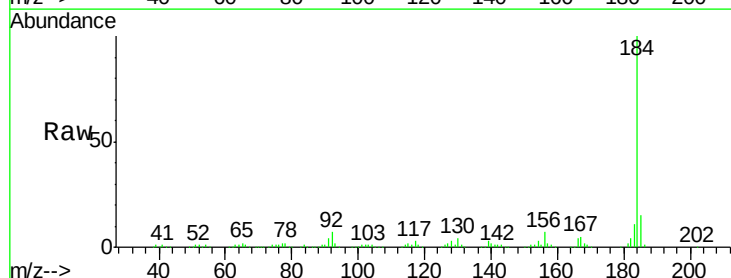
Tgt Ion:184 Resp: 355066

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

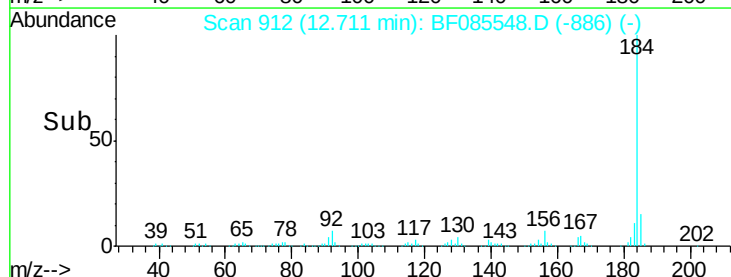
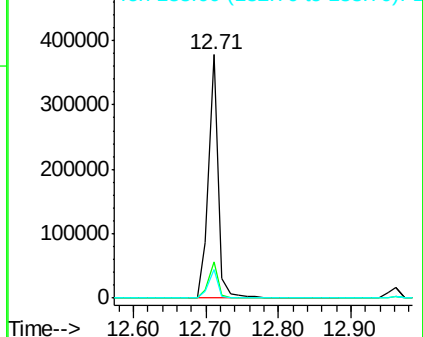
183 11.5 9.4 14.2

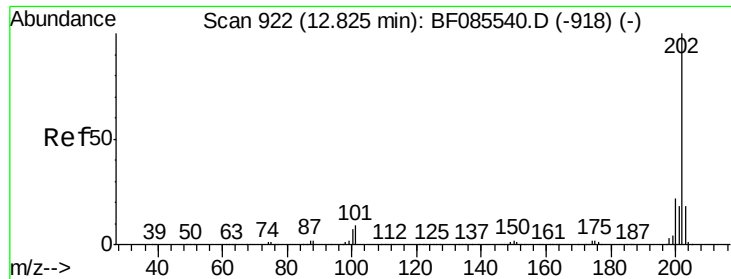


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

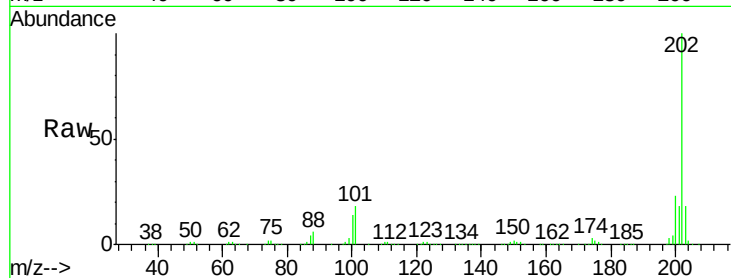




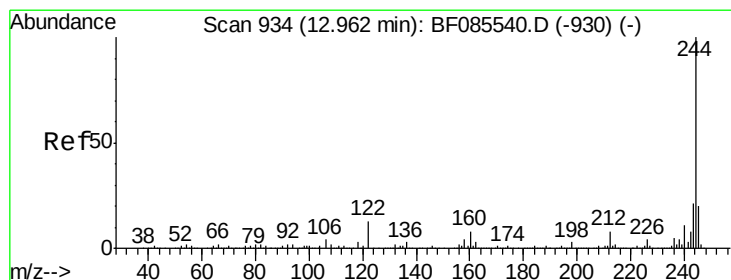
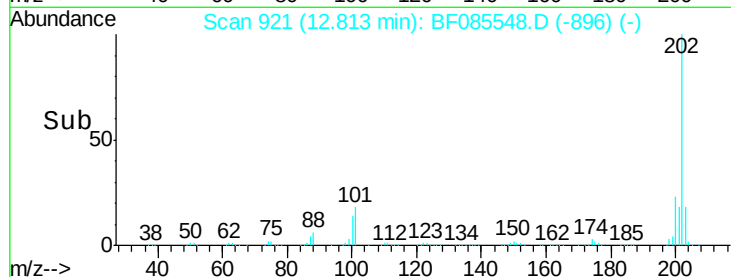
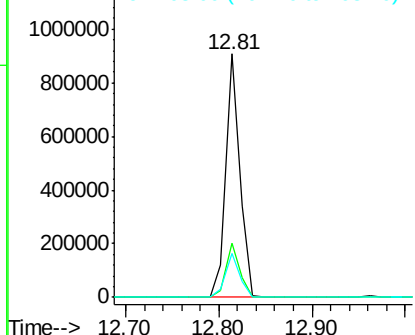
#77
 Pyrene
 Concen: 35.15 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.2	14.0	21.0

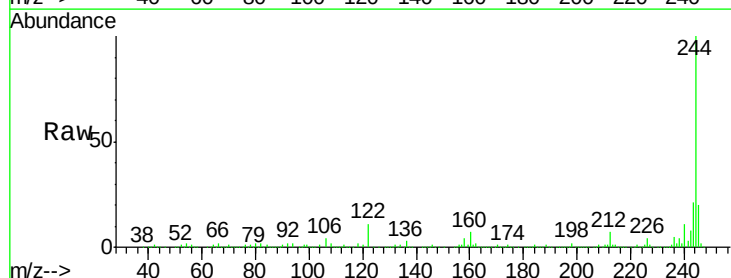


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

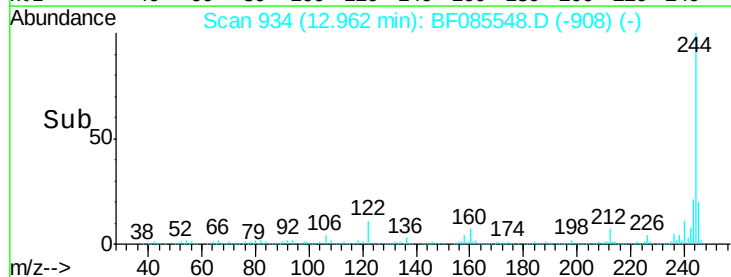
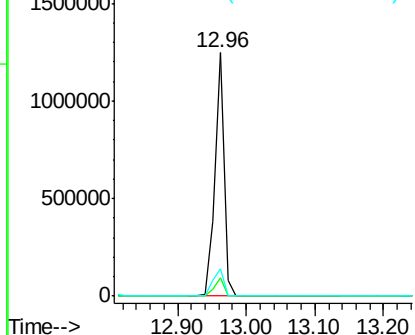


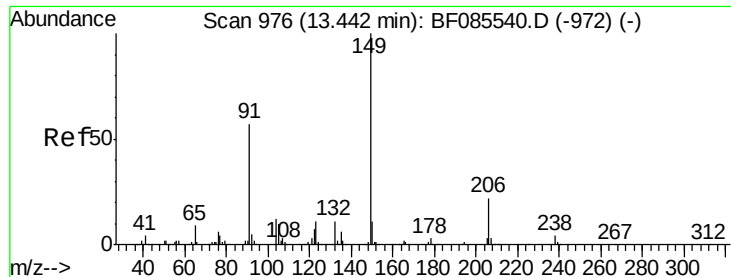
#78
 Terphenyl-d14
 Concen: 75.93 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.4	10.2	15.4



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

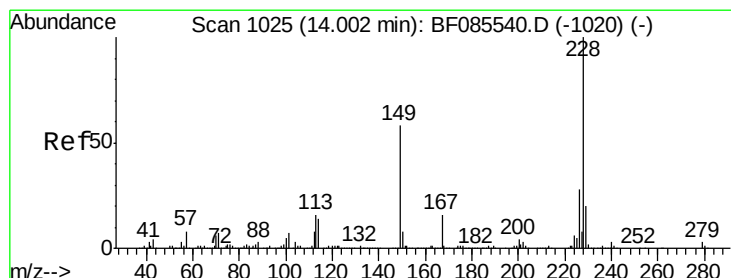
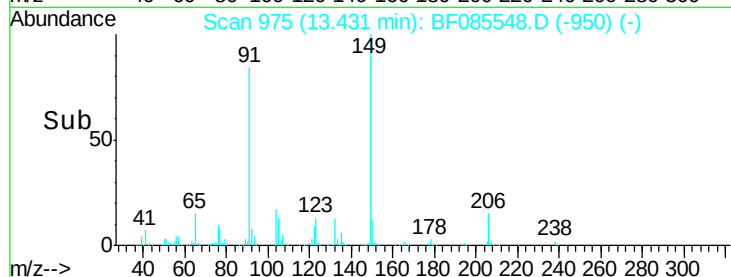
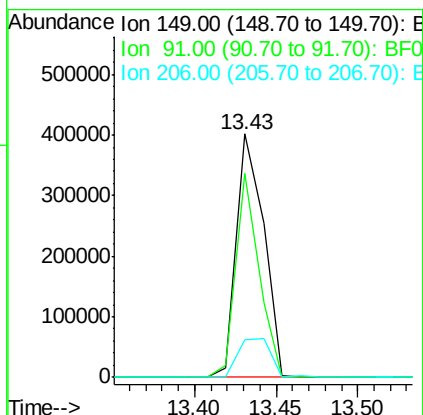
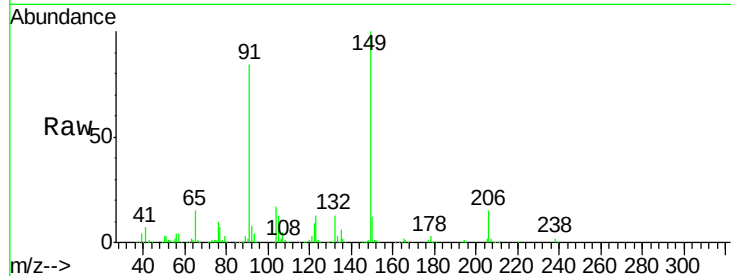




#79
Butylbenzylphthalate
Concen: 35.84 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

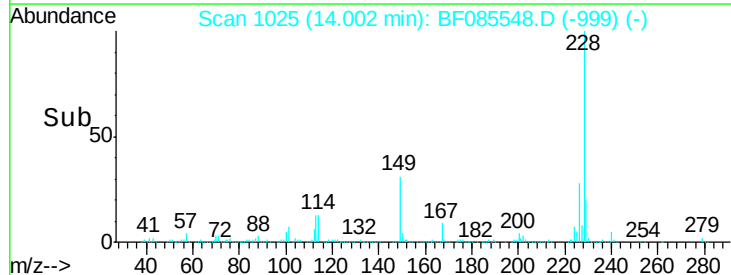
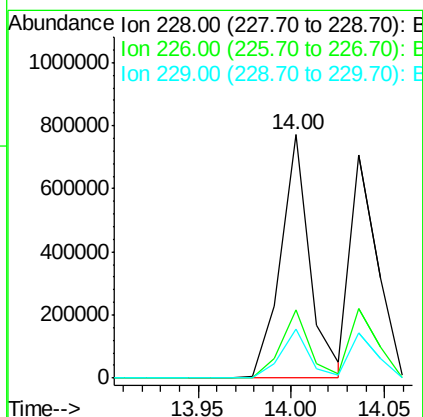
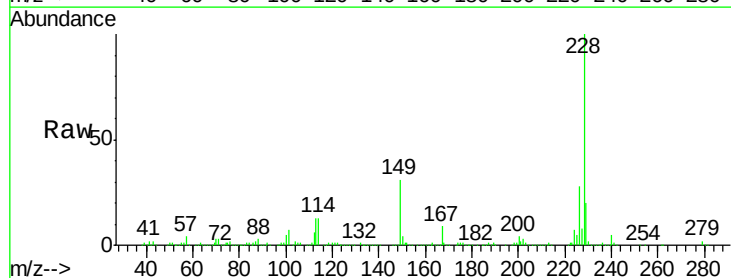
Instrument :
BNA_F
ClientSampled :
PB88949BS

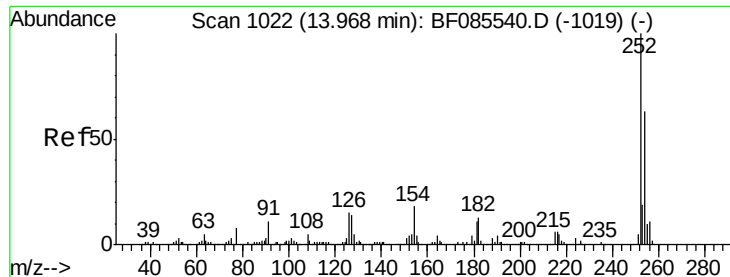
Tgt Ion:149 Resp: 462906
Ion Ratio Lower Upper
149 100
91 83.8 45.8 68.8#
206 15.4 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 38.21 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:228 Resp: 837142
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 19.9 16.2 24.4

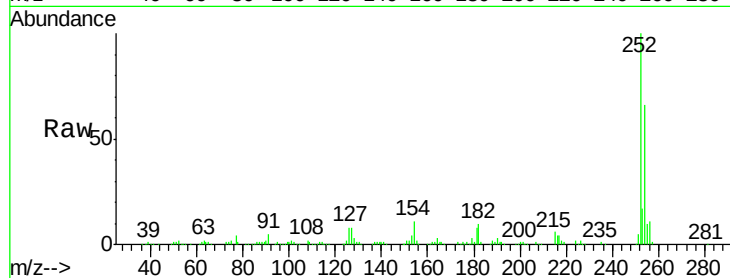




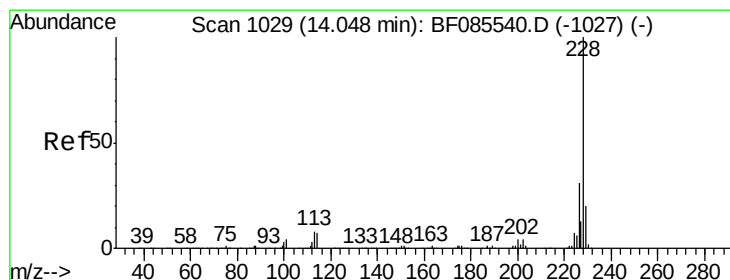
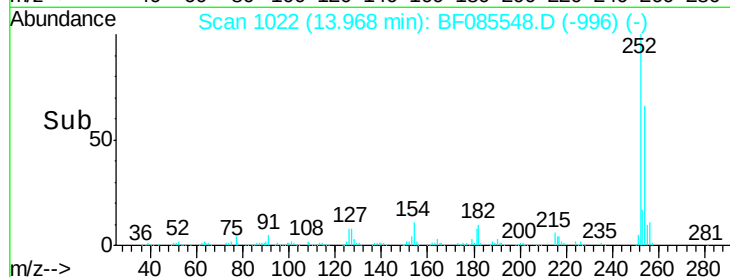
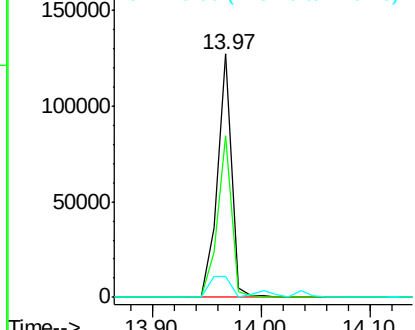
#81
 3,3'-Dichlorobenzidine
 Concen: 14.63 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:252 Resp: 117471
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.7 76.1
 126 8.4 11.8 17.6#

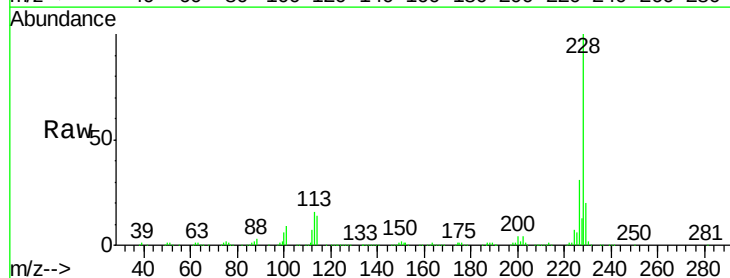


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

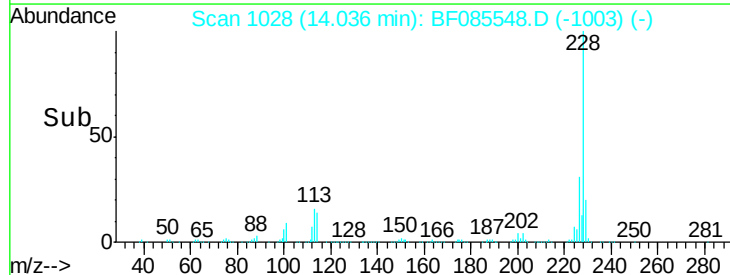
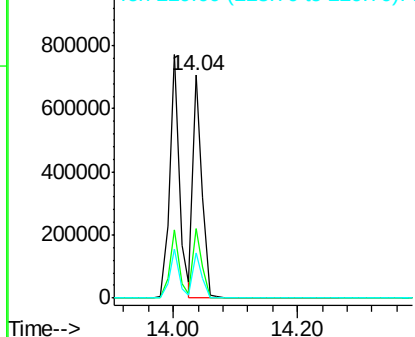


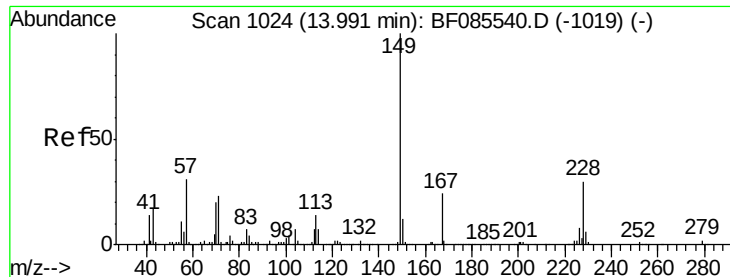
#82
 Chrysene
 Concen: 34.34 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:228 Resp: 723687
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.2 15.7 23.5



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

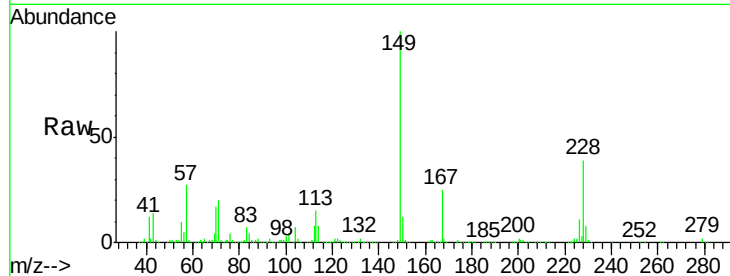




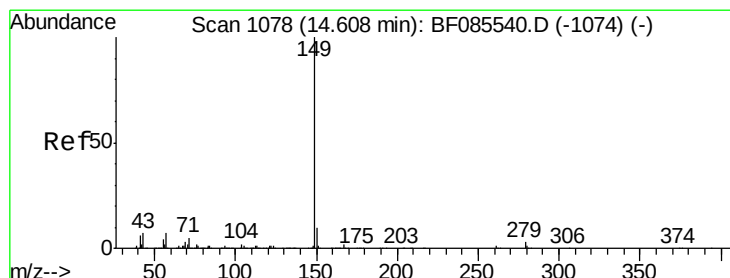
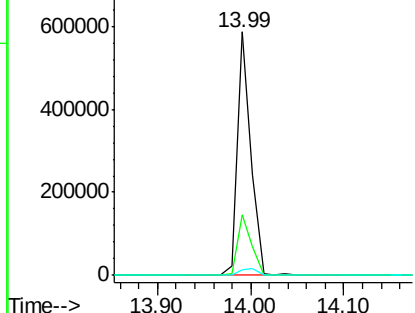
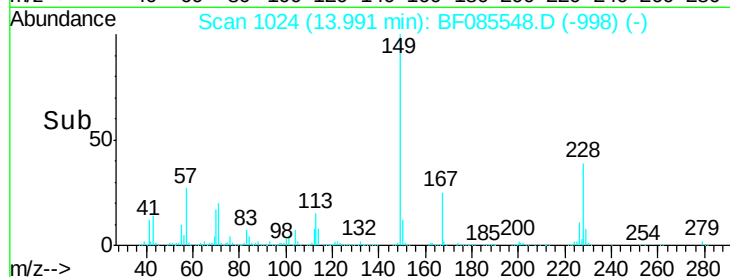
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.80 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:149 Resp: 590501
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.4 29.2
 279 2.3 1.5 2.3#

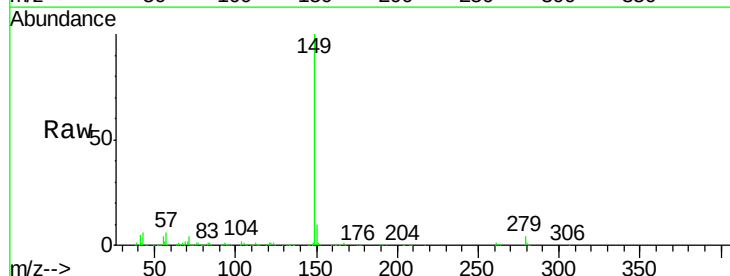


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

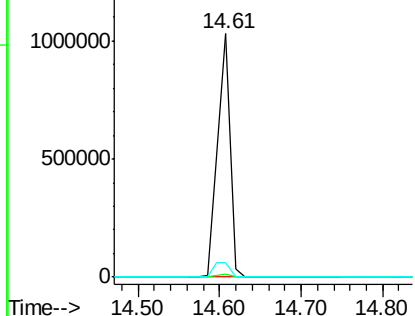
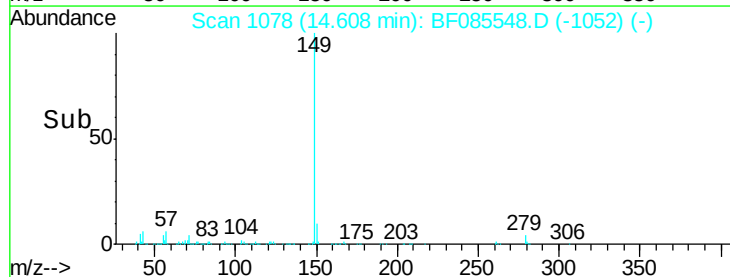


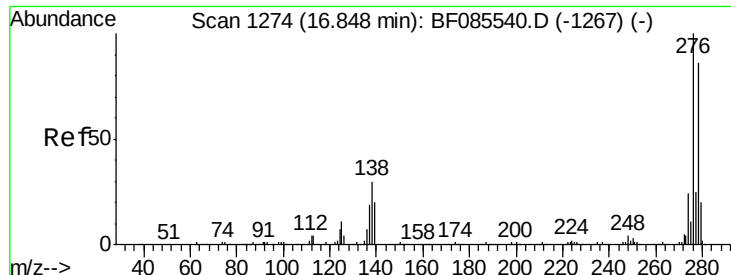
#84
 Di-n-octyl phthalate
 Concen: 41.95 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:149 Resp: 1096850
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.1 7.1 10.7



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

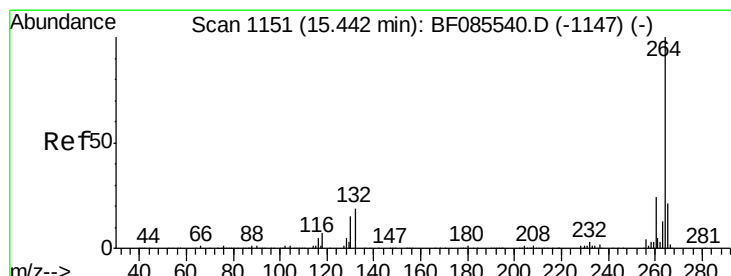
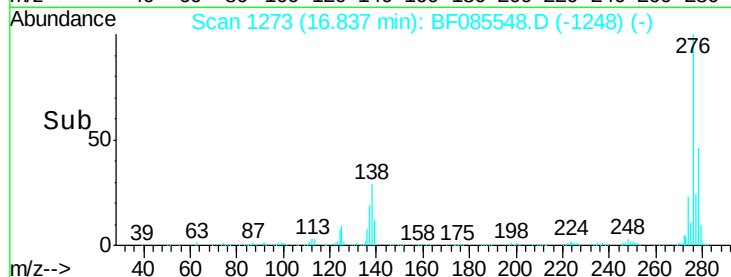
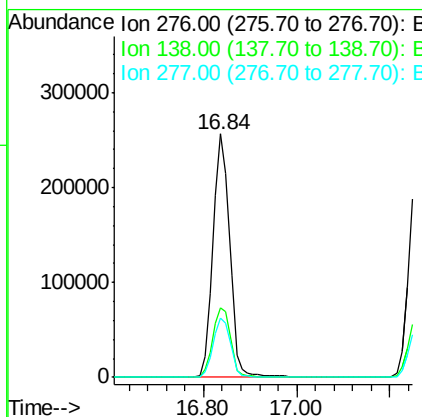
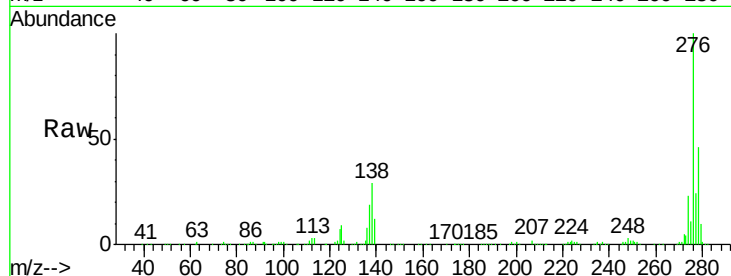




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.70 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

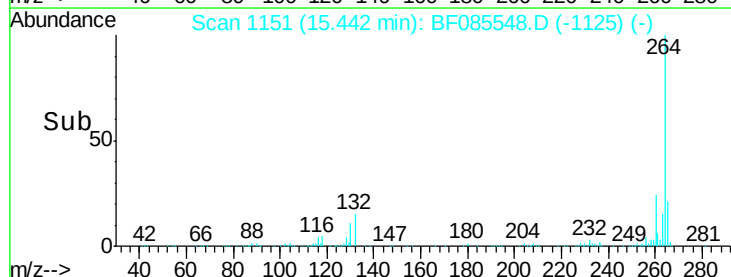
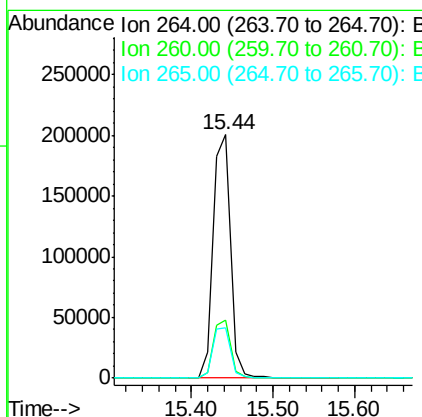
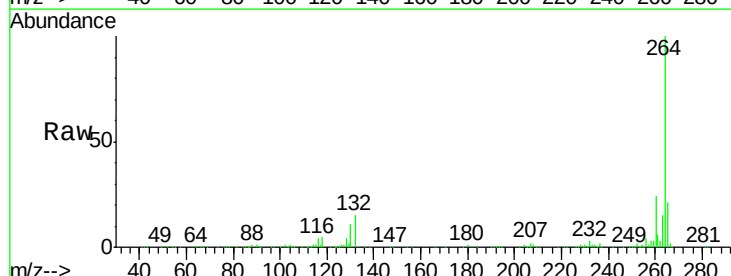
Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

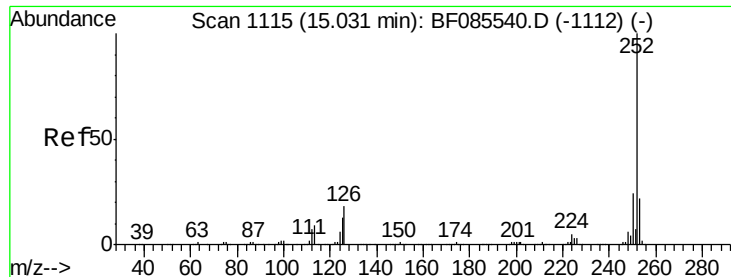
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.8	17.2	25.8

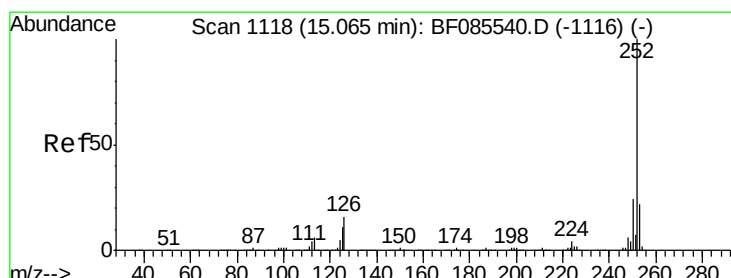
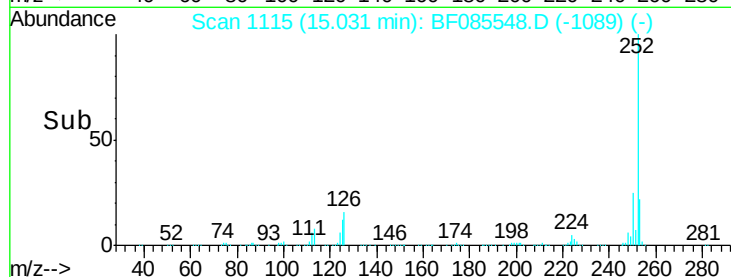
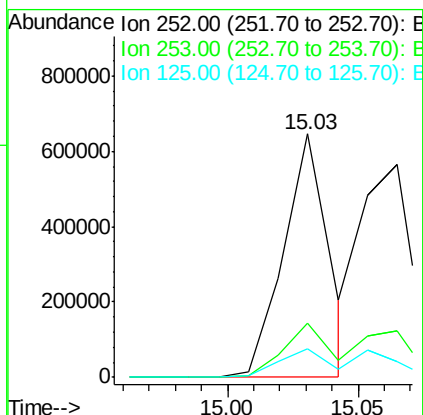
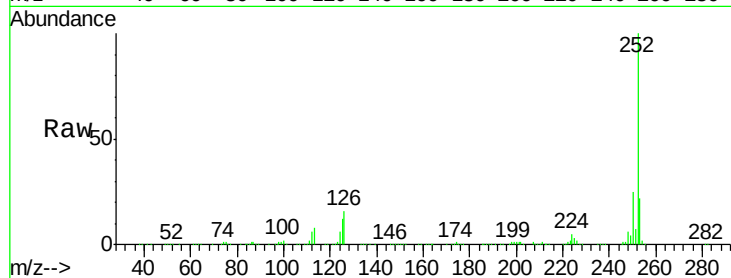




#87
Benzo(b)fluoranthene
Concen: 39.74 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

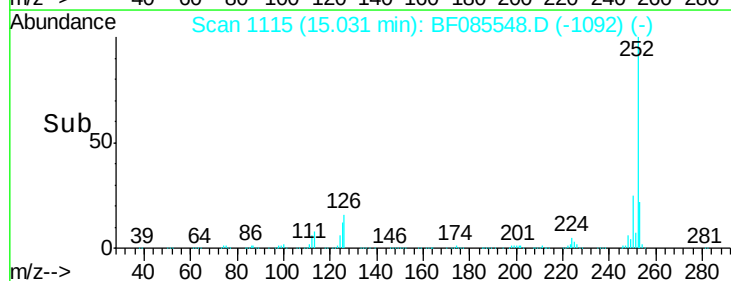
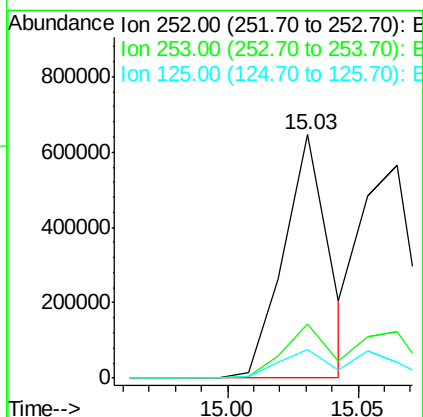
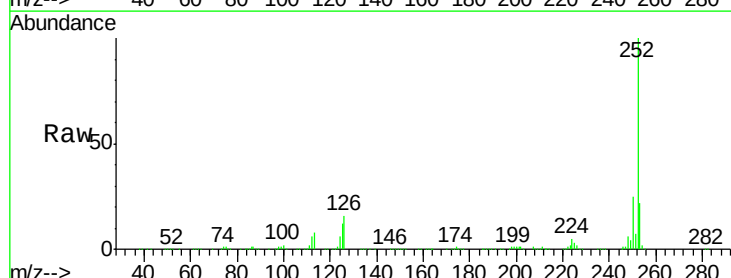
Instrument :
BNA_F
ClientSampleId :
PB88949BS

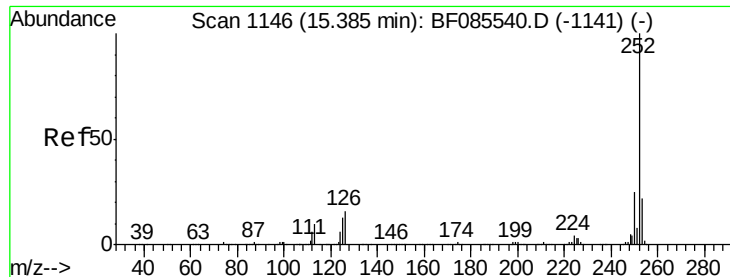
Tgt Ion:252 Resp: 776250
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.7 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 48.23 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:252 Resp: 776250
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.7 7.7 11.5#





#89

Benzo(a)pyrene

Concen: 44.16 ng

RT: 15.39 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS

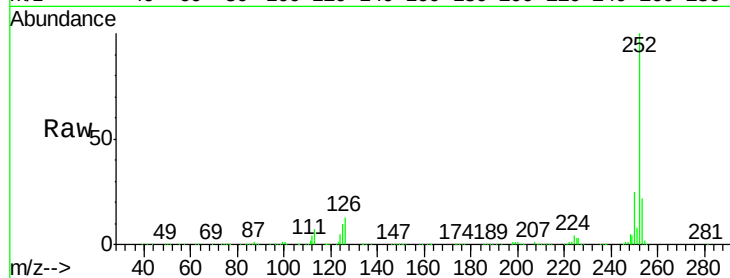
Tgt Ion:252 Resp: 731288

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

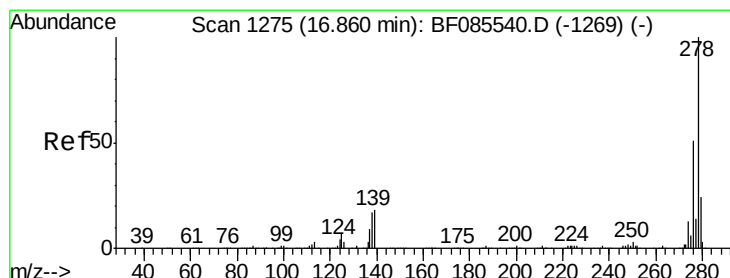
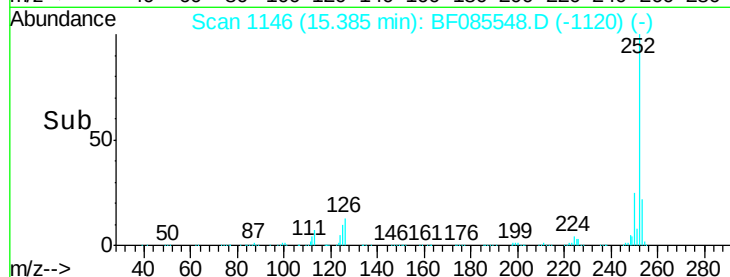
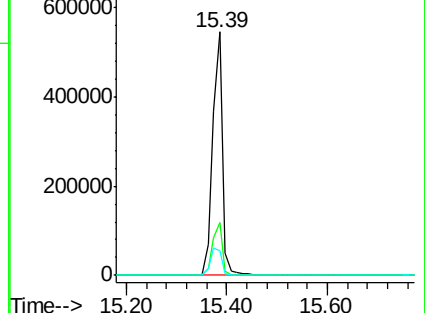
125 10.1 10.3 15.5#



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: 39.86 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

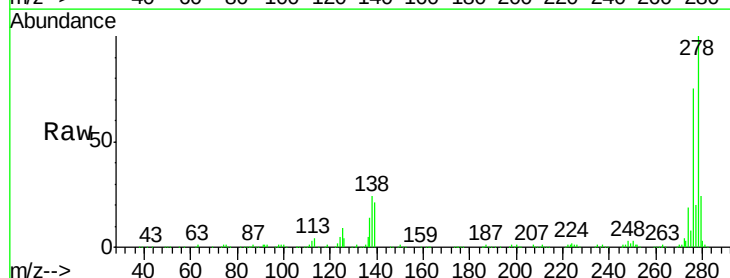
Tgt Ion:278 Resp: 550527

Ion Ratio Lower Upper

278 100

139 21.2 14.4 21.6

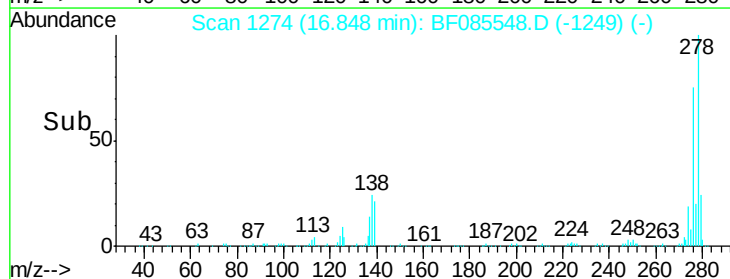
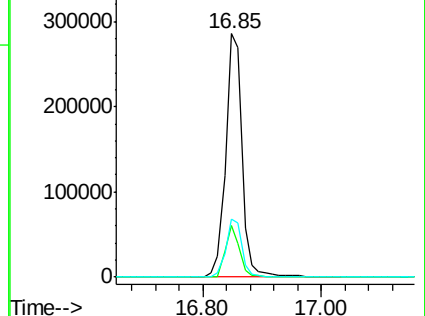
279 23.8 19.1 28.7

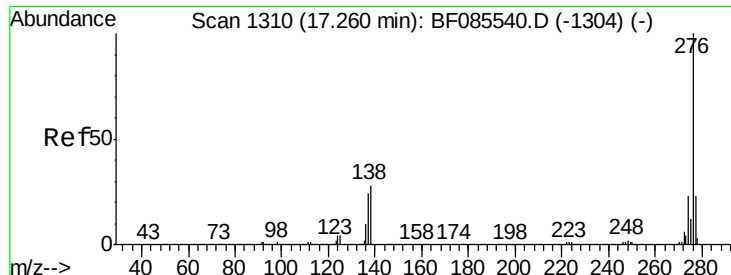


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.13 ng

RT: 17.26 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF085548.D

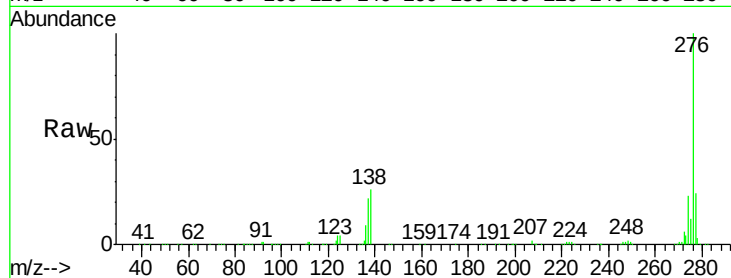
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS



Tgt Ion: 276 Resp: 523139

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 26.1 22.6 34.0

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

