

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085440.D
 Acq On : 14 Mar 2016 20:30
 Operator : UM/SJ
 Sample : PB55581BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Quant Time: Mar 15 01:02:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	168974	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	662275	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	316726	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	575587	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	320884	20.00	ng	-0.06
86) Perylene-d12	15.55	264	268104	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1326125	131.64	ng	-0.03
7) Phenol-d6	6.56	99	1585949	120.17	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1099812	88.86	ng	-0.06
41) 2,4,6-Tribromophenol	10.77	330	424714	156.71	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1833727	88.05	ng	-0.06
78) Terphenyl-d14	13.04	244	1579598	114.27	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	173888	33.75	ng	97
3) Pyridine	3.43	79	475737	36.90	ng	96
4) n-Nitrosodimethylamine	3.37	42	217558	39.43	ng	98
6) Aniline	6.58	93	422175	22.82	ng	97
8) 2-Chlorophenol	6.71	128	488827	40.31	ng	99
9) Benzaldehyde	6.47	77	104455	13.40	ng	90
10) Phenol	6.57	94	579825	41.02	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	490743	41.80	ng	97
12) 1,3-Dichlorobenzene	6.87	146	516170	39.64	ng	98
13) 1,4-Dichlorobenzene	6.94	146	497481	38.12	ng	98
14) 1,2-Dichlorobenzene	7.10	146	501638	42.37	ng	97
15) Benzyl Alcohol	7.06	79	401758	41.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	573166	33.87	ng	98
17) 2-Methylphenol	7.18	107	400811	40.50	ng	96
18) Hexachloroethane	7.44	117	196148	40.75	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	310995	36.15	ng	# 91
20) 3+4-Methylphenols	7.34	107	510560	43.56	ng	# 82
22) Acetophenone	7.34	105	619192	38.30	ng	# 95
24) Nitrobenzene	7.51	77	541069	43.04	ng	97
25) Isophorone	7.75	82	975888	42.55	ng	98
26) 2-Nitrophenol	7.83	139	285309	46.63	ng	93
27) 2,4-Dimethylphenol	7.86	122	479642	42.90	ng	95
28) bis(2-Chloroethoxy)methane	7.96	93	556441	43.56	ng	99
29) 2,4-Dichlorophenol	8.07	162	414685	45.99	ng	93
30) 1,2,4-Trichlorobenzene	8.15	180	408940	41.95	ng	99
31) Naphthalene	8.23	128	1319676	40.52	ng	99
32) Benzoic acid	7.99	122	324698	43.72	ng	99
33) 4-Chloroaniline	8.28	127	134249	10.19	ng	97
34) Hexachlorobutadiene	8.36	225	218748	43.12	ng	99
35) Caprolactam	8.65	113	93952	31.90	ng	96
36) 4-Chloro-3-methylphenol	8.77	107	447912	43.78	ng	98
37) 2-Methylnaphthalene	8.93	142	990800	47.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	366747	40.49	ng	98
40) Hexachlorocyclopentadiene	9.08	237	327017	66.94	ng	100

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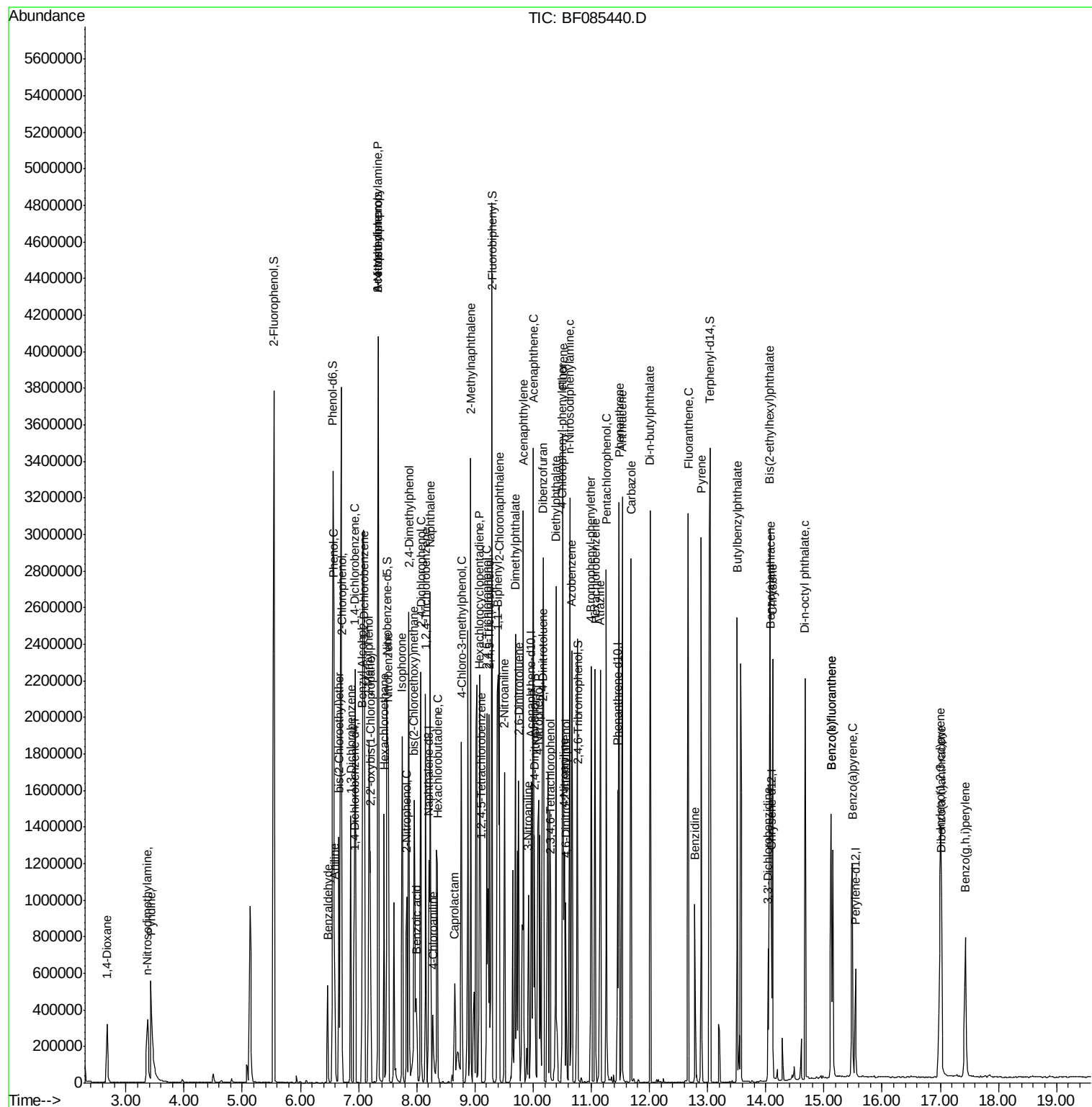
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	271407	40.25	ng	97
43) 2,4,5-Trichlorophenol	9.25	196	290380	45.42	ng	99
45) 1,1'-Biphenyl	9.40	154	1097297	40.55	ng	92
46) 2-Chloronaphthalene	9.42	162	900938	43.68	ng	98
47) 2-Nitroaniline	9.51	65	275895	43.17	ng	88
48) Acenaphthylene	9.83	152	1298269	40.44	ng	99
49) Dimethylphthalate	9.69	163	1000018	41.14	ng	99
50) 2,6-Dinitrotoluene	9.75	165	204293	39.28	ng	# 81
51) Acenaphthene	10.00	154	869763	44.62	ng	99
52) 3-Nitroaniline	9.92	138	170372	27.38	ng	93
53) 2,4-Dinitrophenol	10.02	184	202781	77.15	ng	# 64
54) Dibenzofuran	10.17	168	1085804	42.52	ng	99
55) 4-Nitrophenol	10.09	139	431920	88.33	ng	97
56) 2,4-Dinitrotoluene	10.16	165	339086	50.95	ng	# 83
57) Fluorene	10.52	166	823934	41.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	220282	49.05	ng	96
59) Diethylphthalate	10.39	149	986232	41.81	ng	97
60) 4-Chlorophenyl-phenylether	10.50	204	393831	40.35	ng	93
61) 4-Nitroaniline	10.54	138	234441	40.28	ng	98
62) Azobenzene	10.66	77	1033864	44.48	ng	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	141357	41.02	ng	# 43
65) n-Nitrosodiphenylamine	10.63	169	834910	46.64	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	239753	42.90	ng	91
67) Hexachlorobenzene	11.06	284	264176	44.31	ng	# 90
68) Atrazine	11.16	200	262321	52.69	ng	98
69) Pentachlorophenol	11.26	266	291452	88.06	ng	100
70) Phenanthrene	11.48	178	1202777	39.87	ng	100
71) Anthracene	11.53	178	1408460	43.98	ng	99
72) Carbazole	11.68	167	1064435	37.91	ng	99
73) Di-n-butylphthalate	12.01	149	1526390	43.00	ng	99
74) Fluoranthene	12.66	202	1183144	39.08	ng	98
76) Benzidine	12.78	184	393250	41.18	ng	99
77) Pyrene	12.89	202	1152393	47.71	ng	100
79) Butylbenzylphthalate	13.51	149	585360	53.42	ng	# 83
80) Benzo(a)anthracene	14.08	228	800288	41.66	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	151147	24.94	ng	97
82) Chrysene	14.12	228	735627	41.45	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	721876	50.06	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1039907	47.35	ng	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	805219	58.14	ng	96
87) Benzo(b)fluoranthene	15.12	252	686118	38.39	ng	# 97
88) Benzo(k)fluoranthene	15.12	252	686118	47.60	ng	98
89) Benzo(a)pyrene	15.49	252	671986	45.38	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	677468	53.59	ng	# 93
91) Benzo(g,h,i)perylene	17.43	276	665145	52.33	ng	99

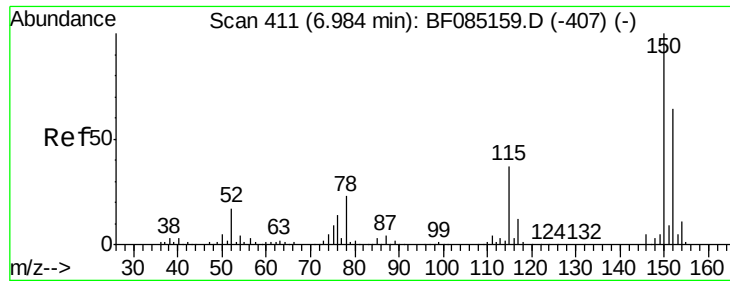
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

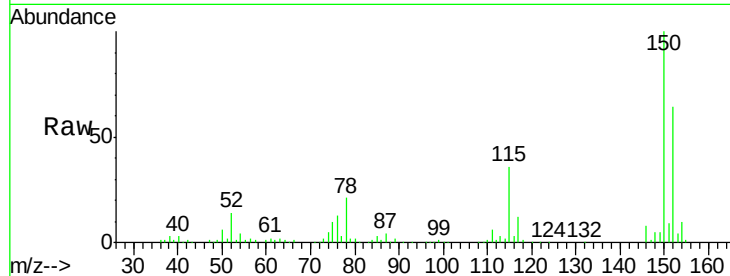
Tgt Ion:152 Resp: 168974

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

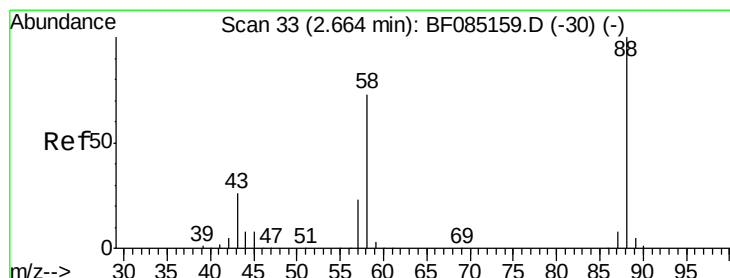
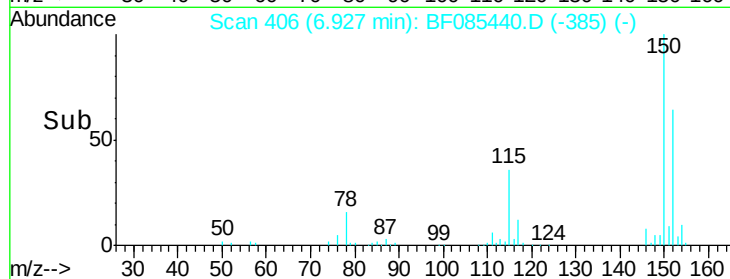
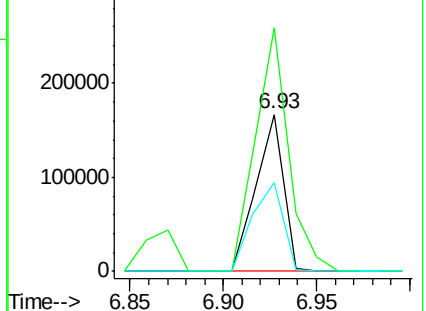
115 56.7 46.6 70.0



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: 33.75 ng

RT: 2.68 min Scan# 34

Delta R.T. 0.01 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

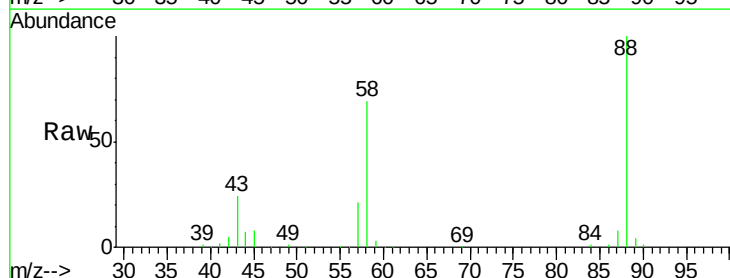
Tgt Ion: 88 Resp: 173888

Ion Ratio Lower Upper

88 100

58 68.3 57.0 85.6

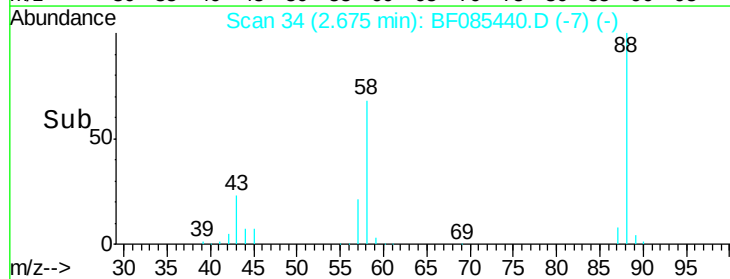
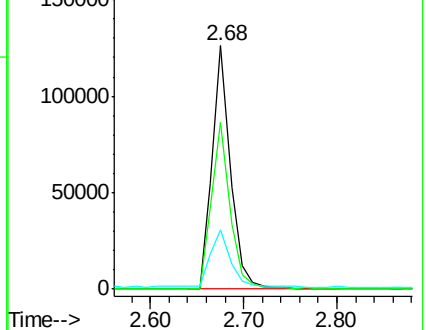
43 25.4 20.5 30.7

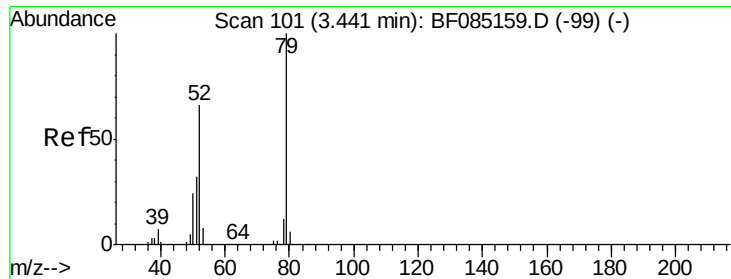


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

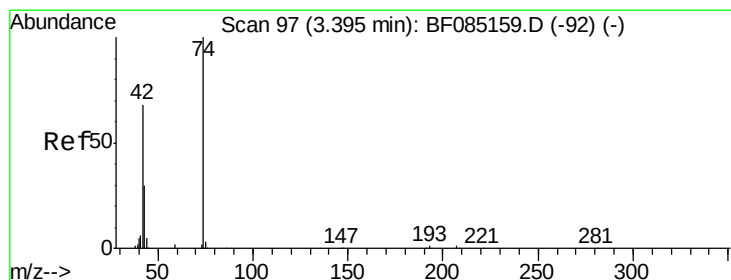
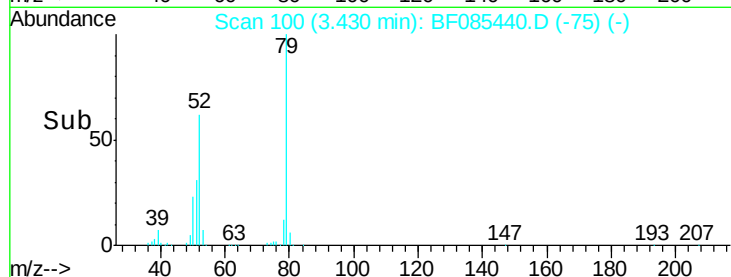
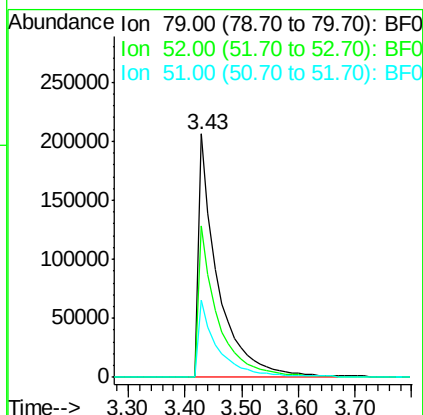
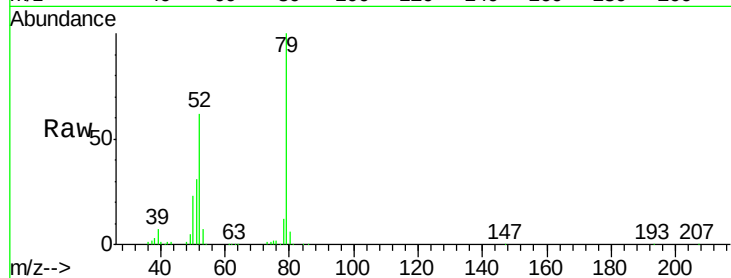




#3
 Pyridine
 Concen: 36.90 ng
 RT: 3.43 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

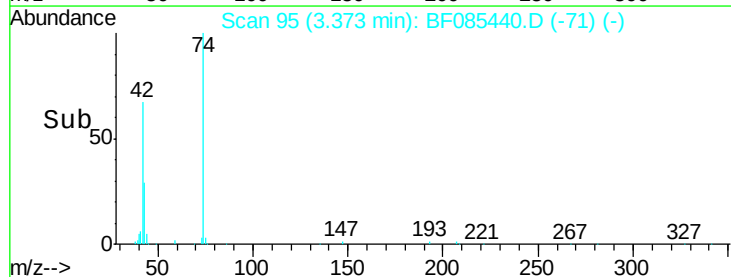
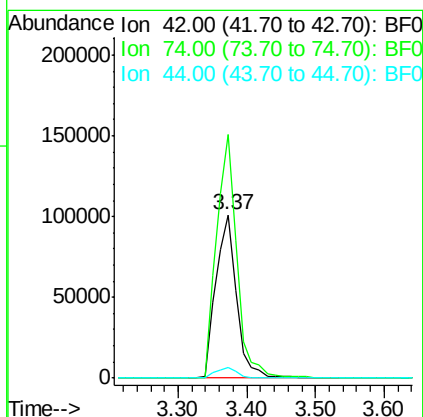
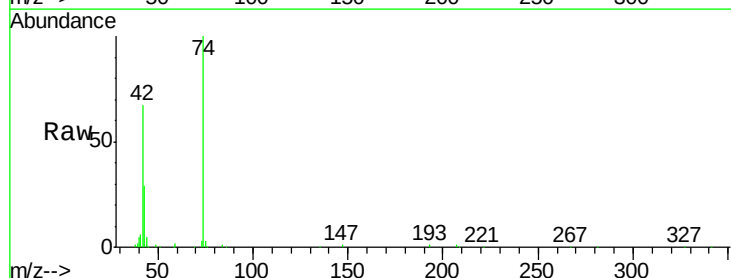
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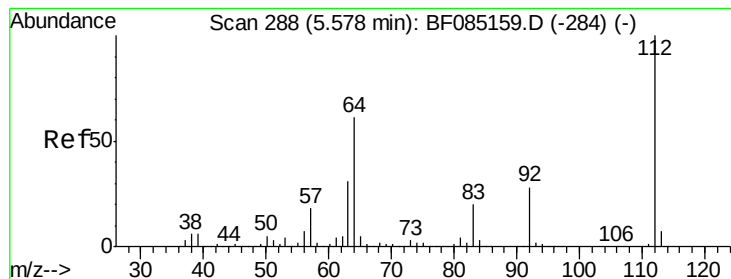
Tgt Ion: 79 Resp: 475737
 Ion Ratio Lower Upper
 79 100
 52 62.0 52.6 79.0
 51 31.5 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 39.43 ng
 RT: 3.37 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion: 42 Resp: 217558
 Ion Ratio Lower Upper
 42 100
 74 149.2 116.8 175.2
 44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 131.64 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

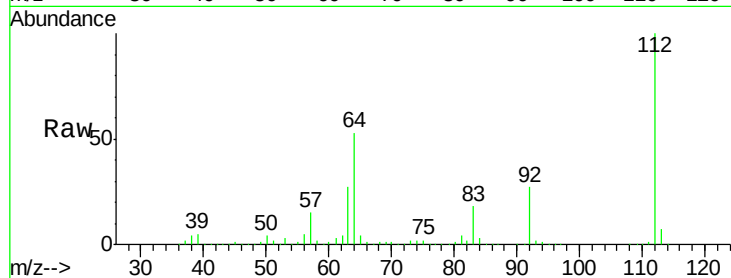
Tgt Ion: 112 Resp: 1326125

Ion Ratio Lower Upper

112 100

64 52.9 49.0 73.4

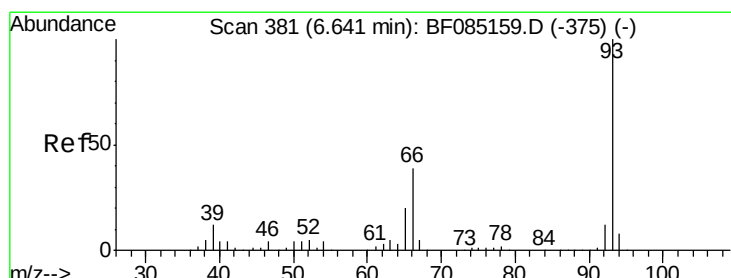
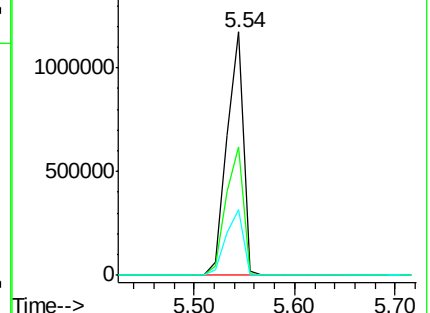
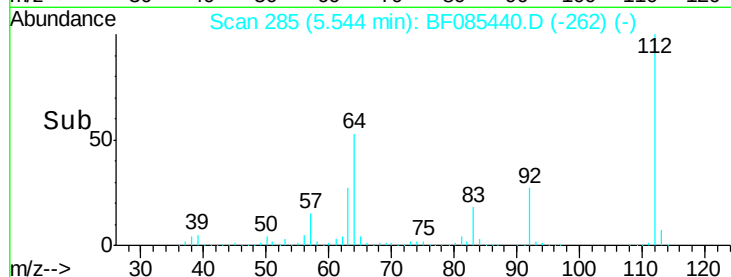
63 26.8 24.8 37.2



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: 22.82 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

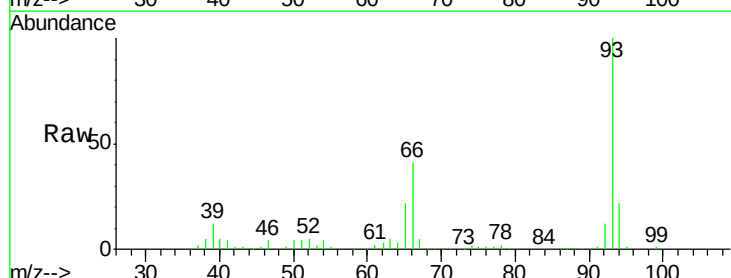
Tgt Ion: 93 Resp: 422175

Ion Ratio Lower Upper

93 100

66 40.7 31.6 47.4

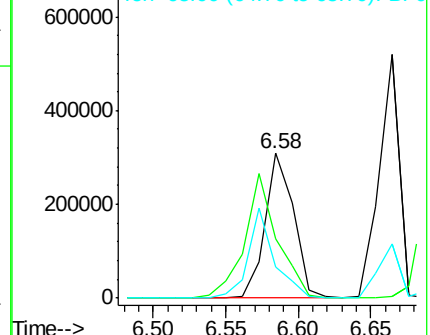
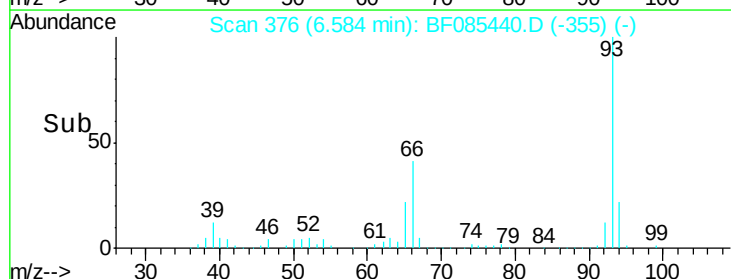
65 21.7 15.8 23.8

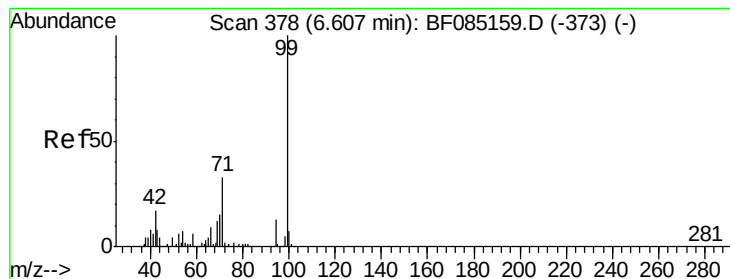


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.17 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

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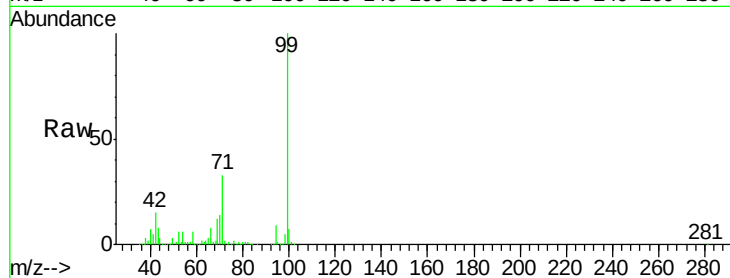
Tgt Ion: 99 Resp: 1585949

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

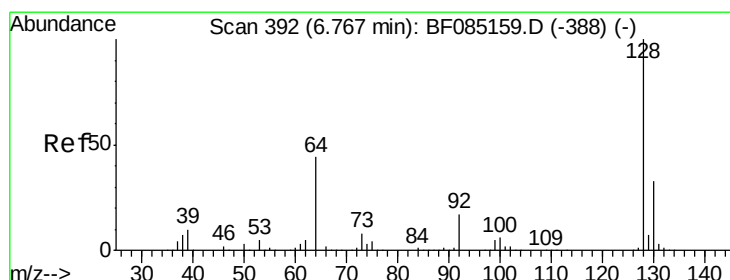
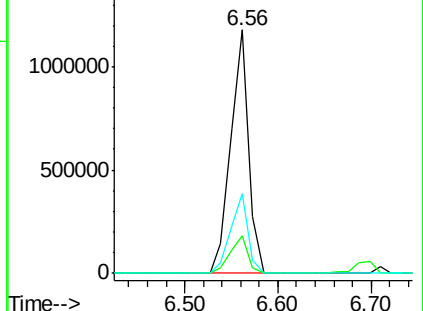
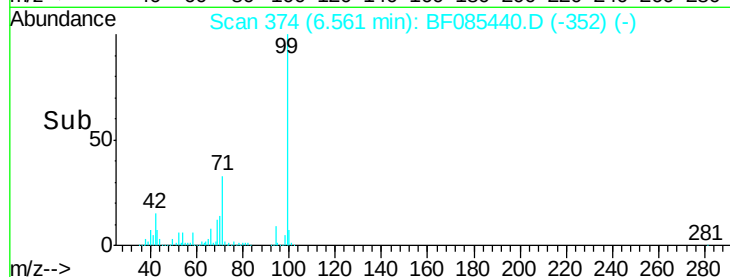
71 32.7 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.31 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

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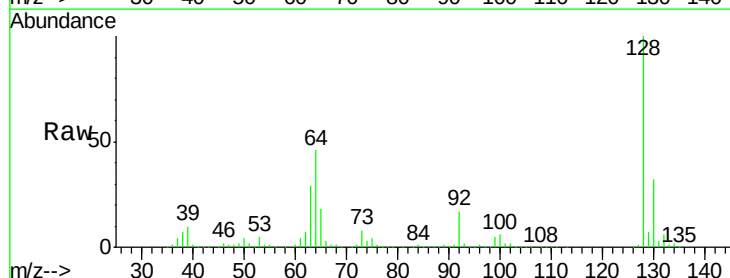
Tgt Ion: 128 Resp: 488827

Ion Ratio Lower Upper

128 100

130 32.5 13.3 53.3

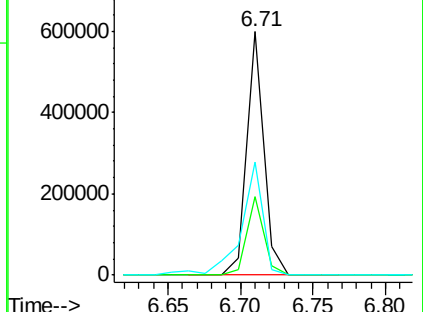
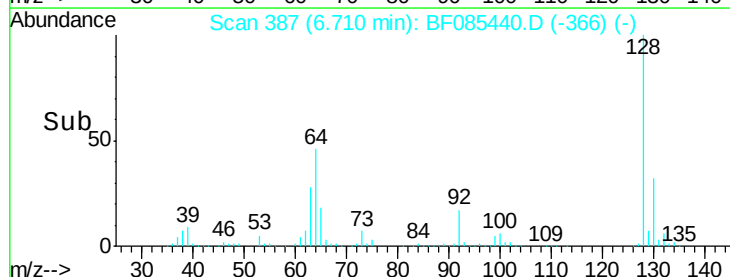
64 46.4 25.7 65.7

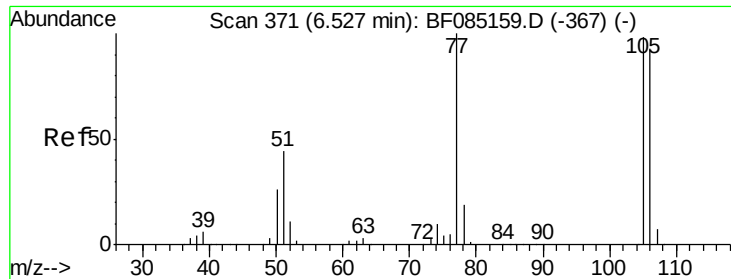


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.40 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.06 min

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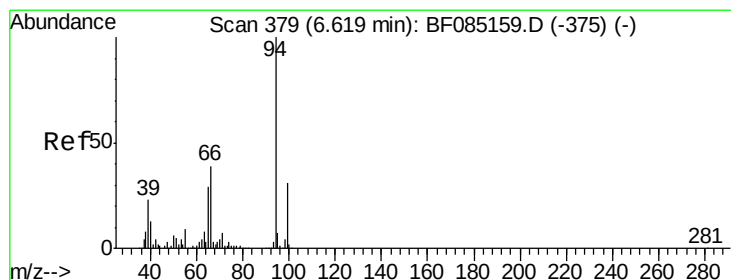
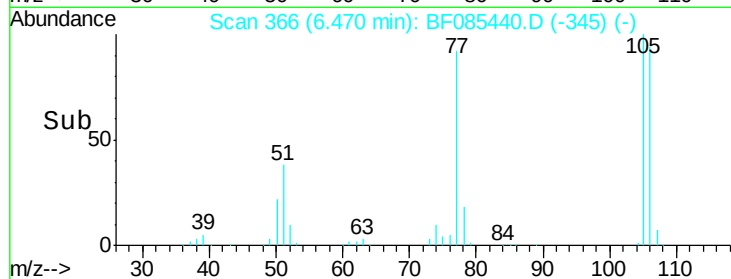
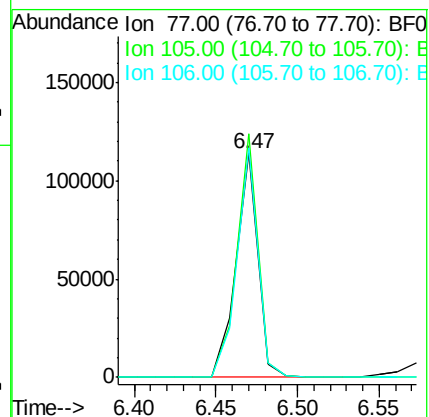
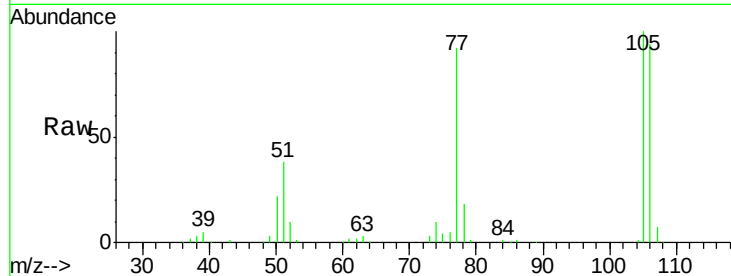
Tgt Ion: 77 Resp: 104455

Ion Ratio Lower Upper

77 100

105 108.6 78.2 118.2

106 102.3 72.9 112.9



#10

Phenol

Concen: 41.02 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

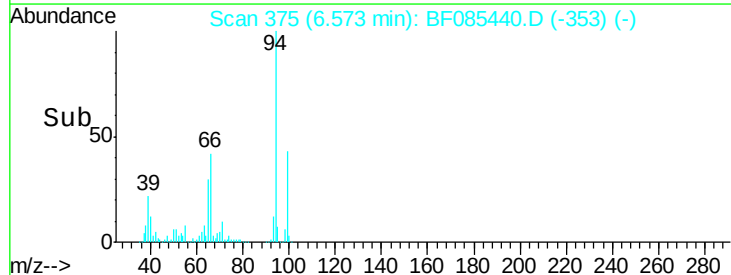
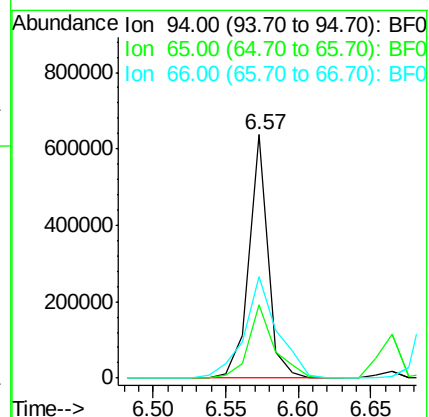
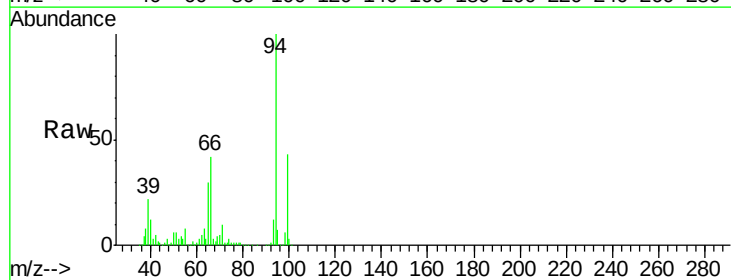
Tgt Ion: 94 Resp: 579825

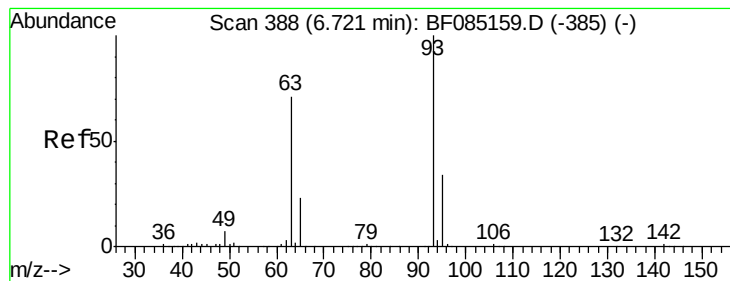
Ion Ratio Lower Upper

94 100

65 29.9 9.1 49.1

66 41.9 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 41.80 ng

RT: 6.66 min Scan# 383

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

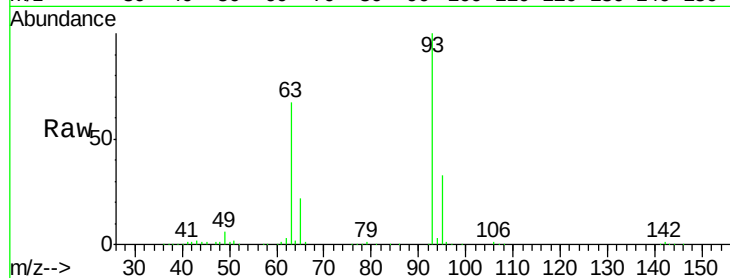
Tgt Ion: 93 Resp: 490743

Ion Ratio Lower Upper

93 100

63 67.1 50.9 90.9

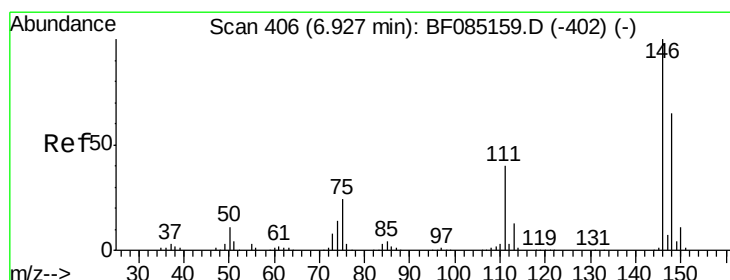
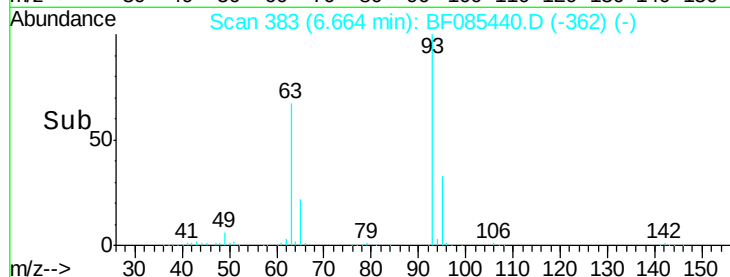
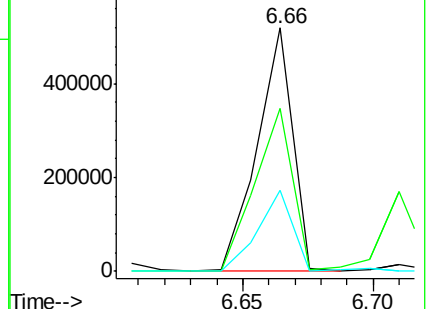
95 33.2 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.64 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

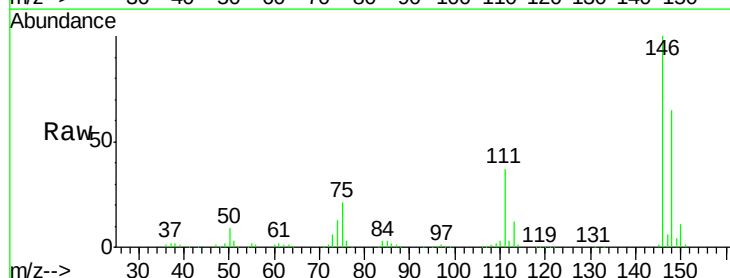
Tgt Ion: 146 Resp: 516170

Ion Ratio Lower Upper

146 100

148 65.2 52.1 78.1

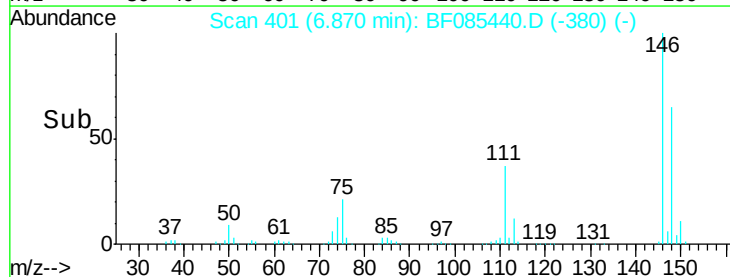
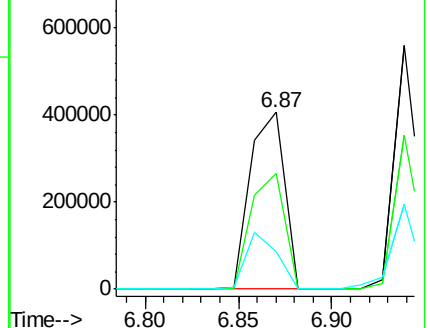
75 21.4 19.5 29.3

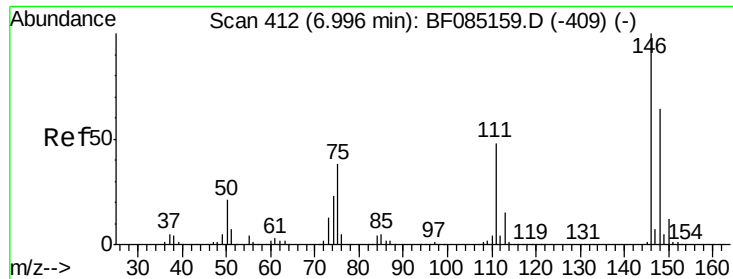


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

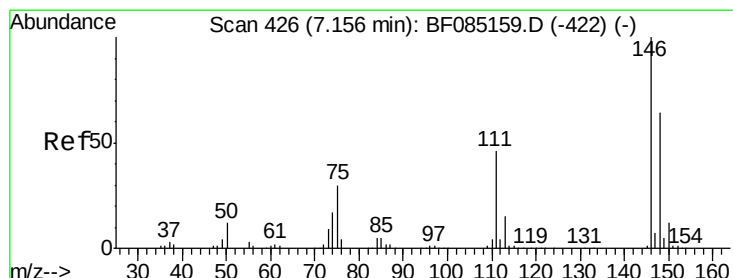
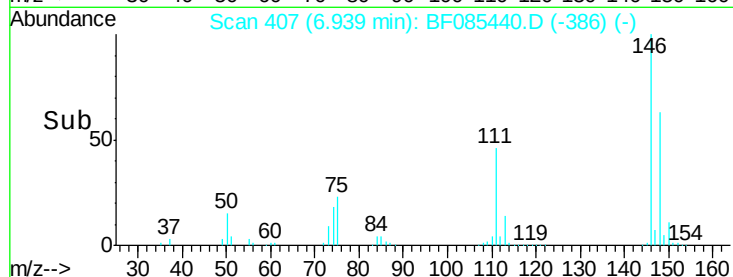
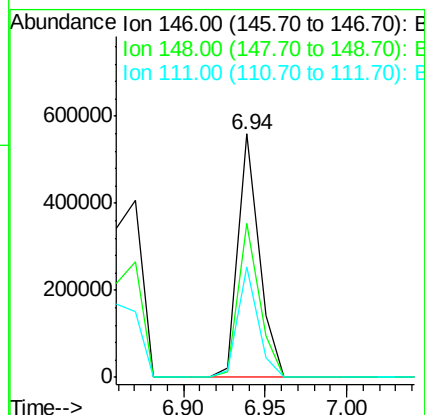
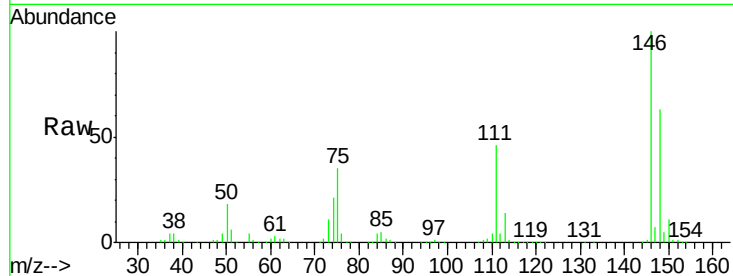




#13
 1,4-Dichlorobenzene
 Concen: 38.12 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

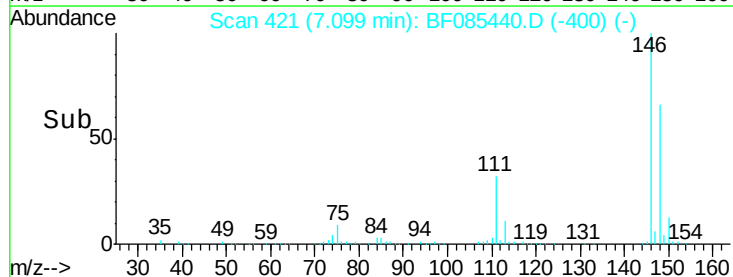
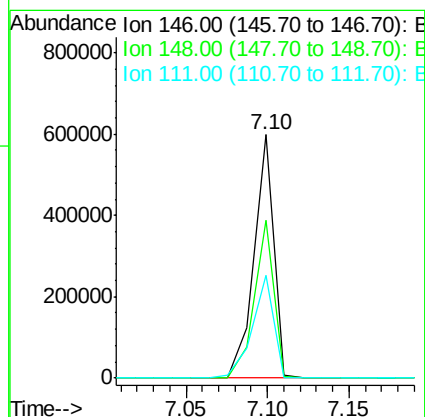
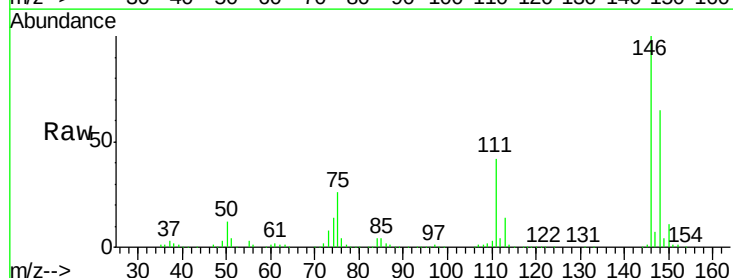
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

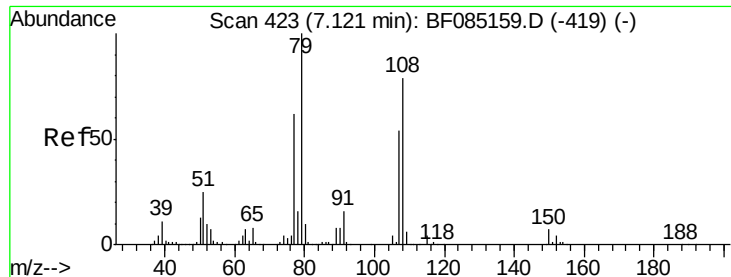
Tgt Ion:146 Resp: 497481
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.3 76.9
 111 45.6 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 42.37 ng
 RT: 7.10 min Scan# 421
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:146 Resp: 501638
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 42.1 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.47 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampled :

PB88851BS

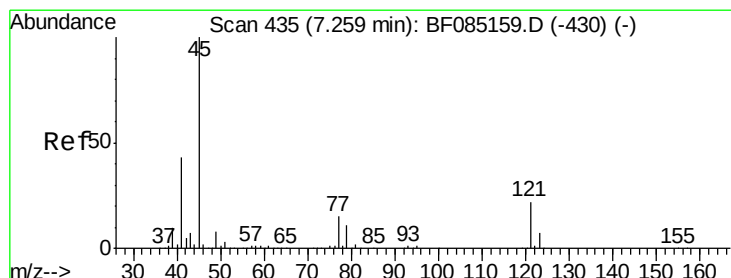
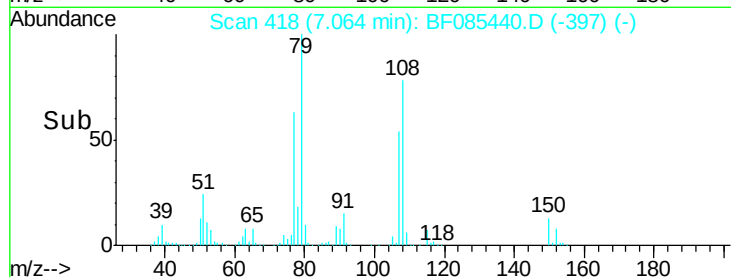
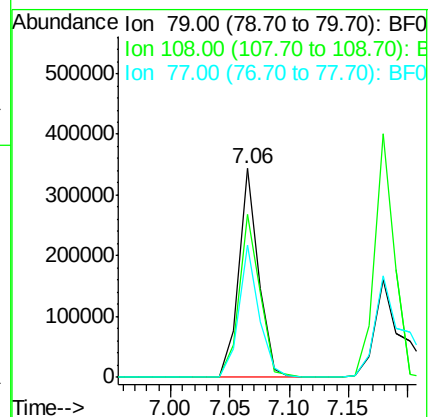
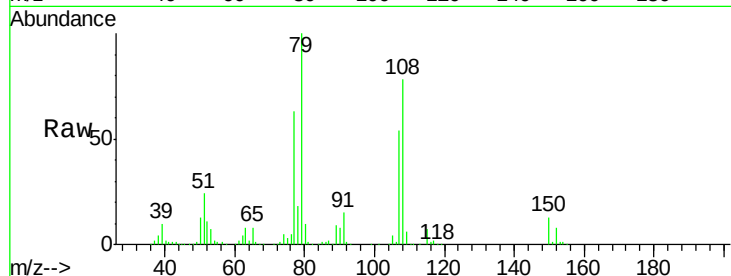
Tgt Ion: 79 Resp: 401758

Ion Ratio Lower Upper

79 100

108 78.0 62.9 94.3

77 63.3 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.87 ng

RT: 7.20 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

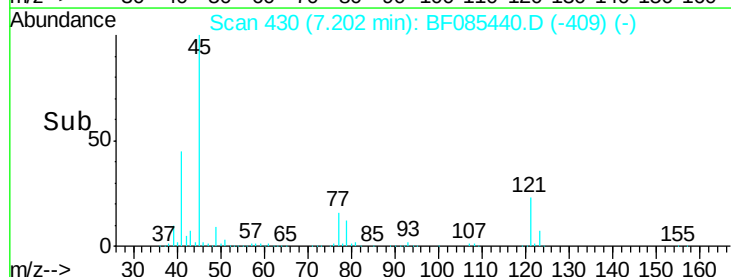
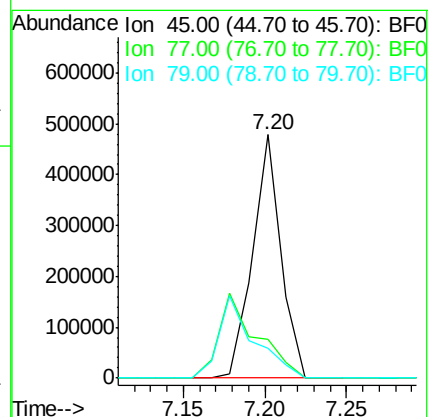
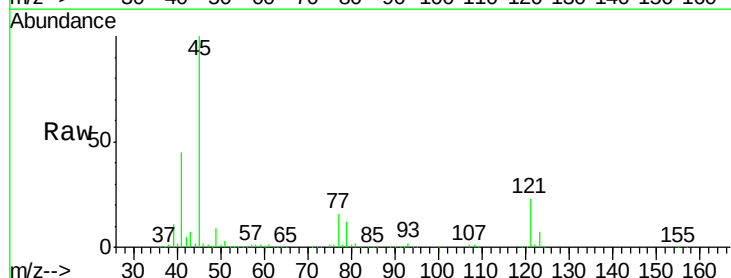
Tgt Ion: 45 Resp: 573166

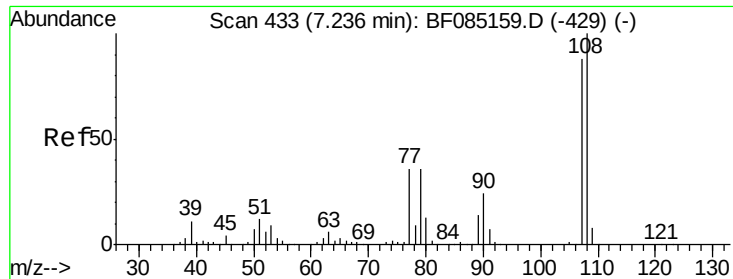
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.1

79 12.3 0.0 31.3

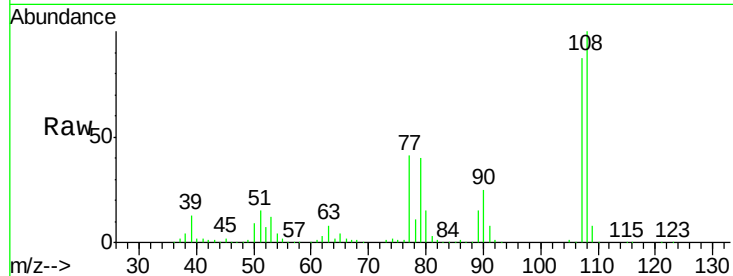




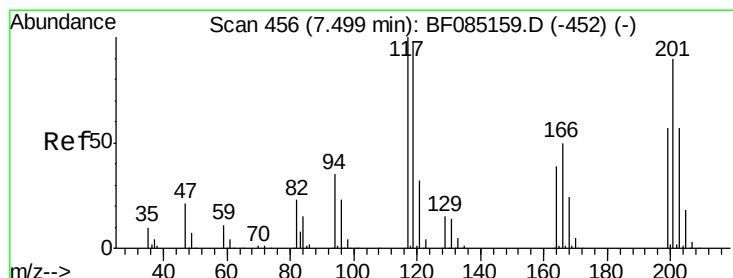
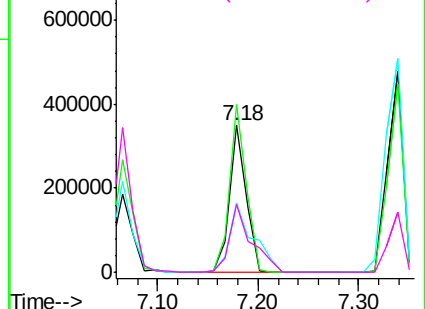
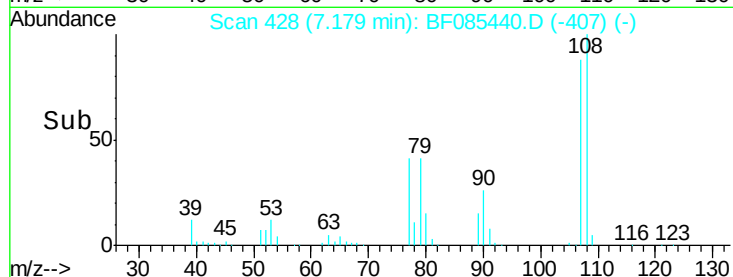
#17
2-Methylphenol
Concen: 40.50 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB88851BS

Tgt Ion:	107	Resp:	400811
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.9	136.3
77	47.5	32.6	48.8
79	45.9	32.8	49.2

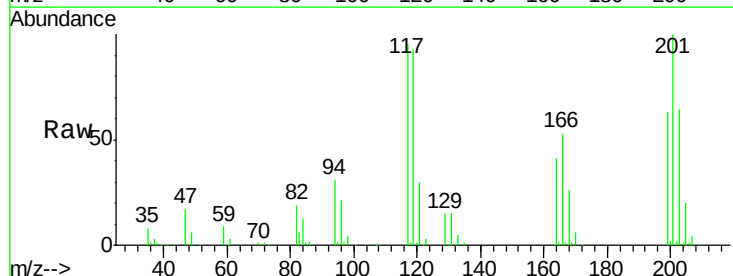


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

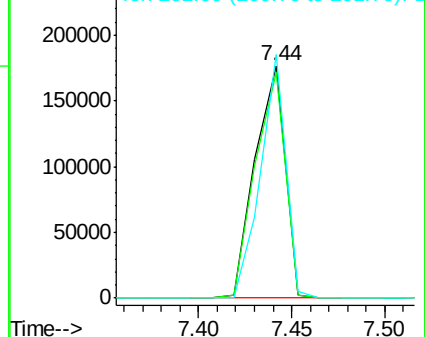
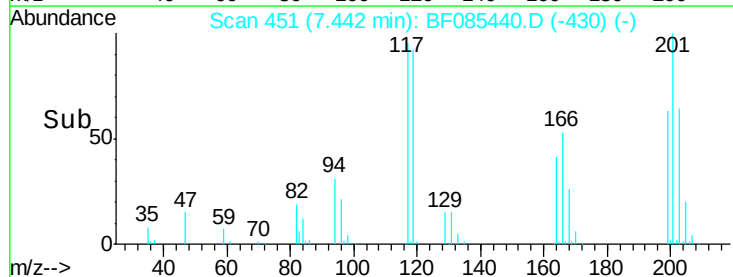


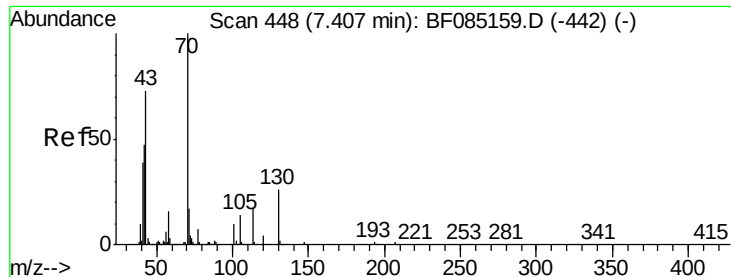
#18
Hexachloroethane
Concen: 40.75 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Tgt Ion:	117	Resp:	196148
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.2	117.4
201	104.9	72.0	108.0



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

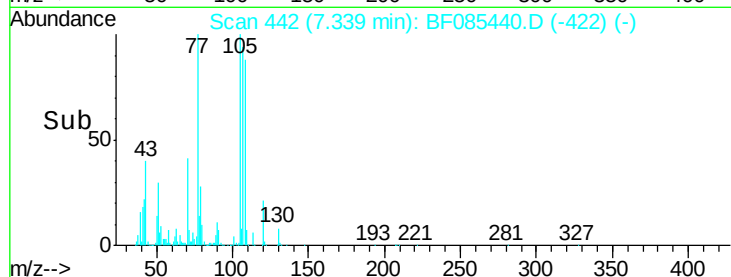
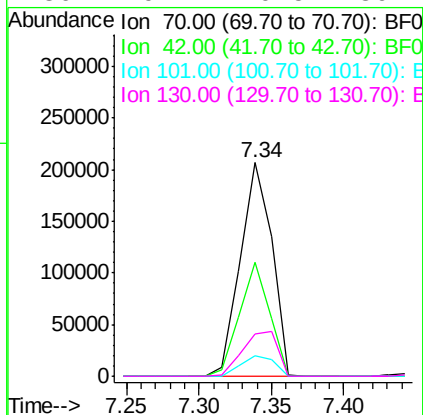
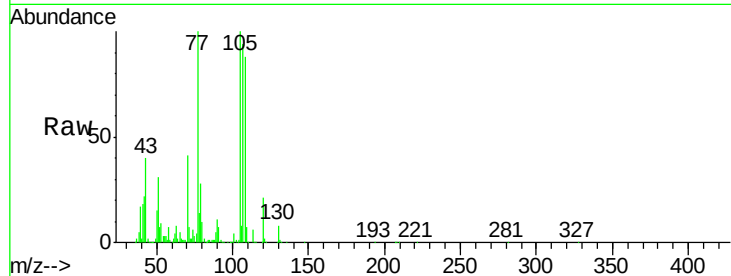




#19
n-Nitroso-di-n-propylamine
Concen: 36.15 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

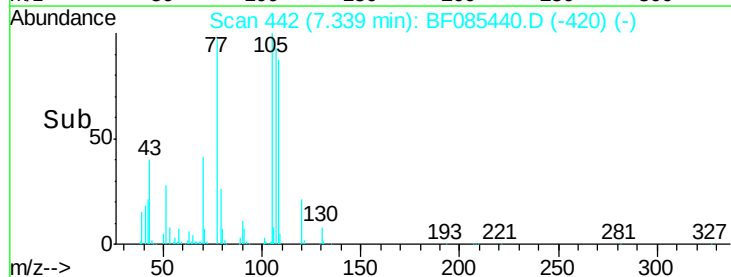
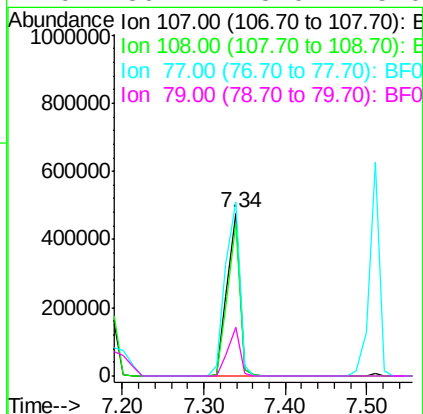
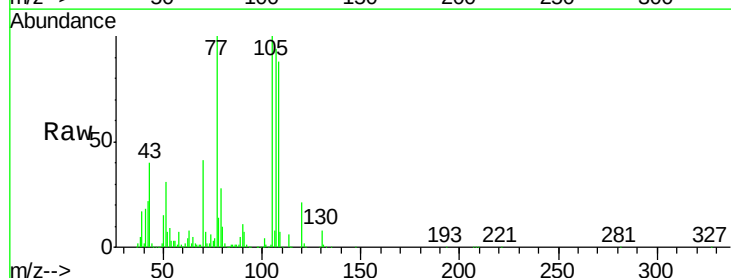
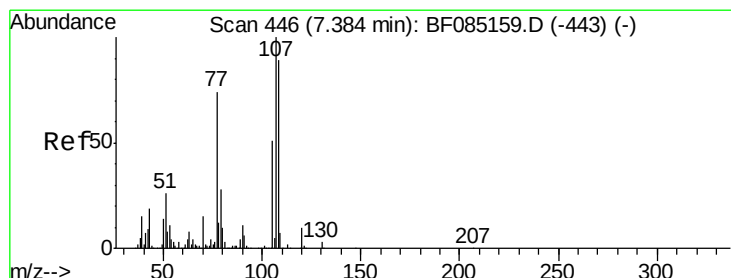
Instrument :
BNA_F
ClientSampleId :
PB88851BS

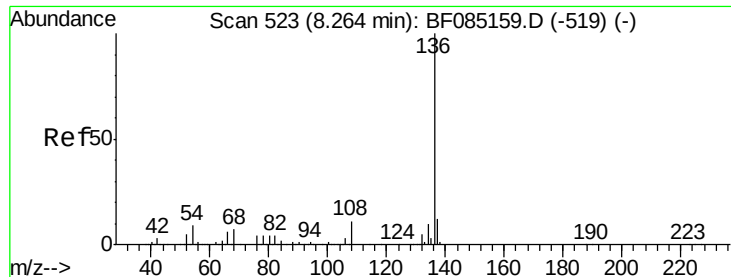
Tgt Ion: 70 Resp: 310995
Ion Ratio Lower Upper
70 100
42 53.3 37.7 56.5
101 9.4 8.2 12.4
130 19.7 20.5 30.7#



#20
3+4-Methylphenols
Concen: 43.56 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Tgt Ion: 107 Resp: 510560
Ion Ratio Lower Upper
107 100
108 93.6 68.8 108.8
77 106.4 53.6 93.6#
79 30.2 8.0 48.0

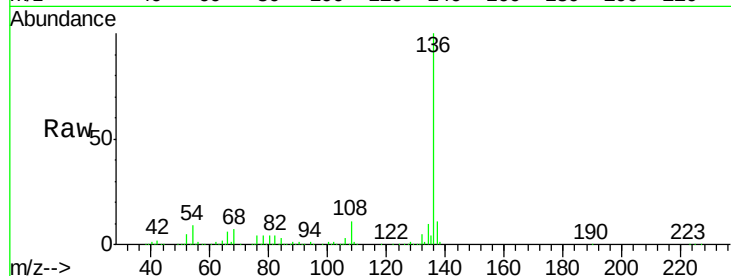




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Instrument :
BNA_F
ClientSampleId :
PB88851BS

Tgt Ion:	136	Resp:	662275
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.7	7.4	11.2
68	6.7	6.0	9.0



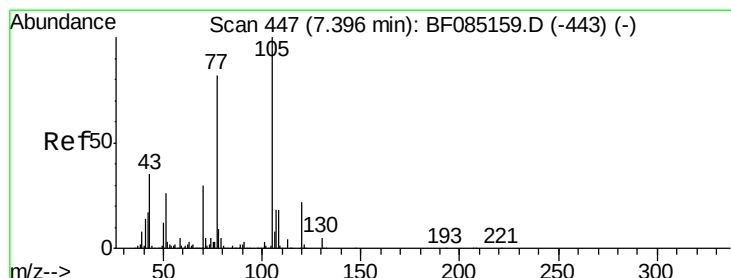
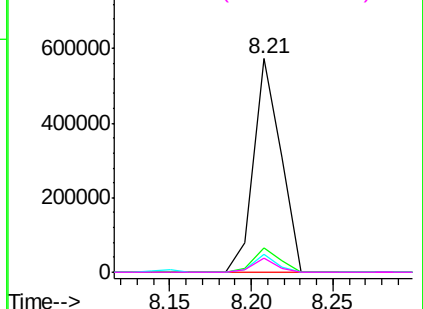
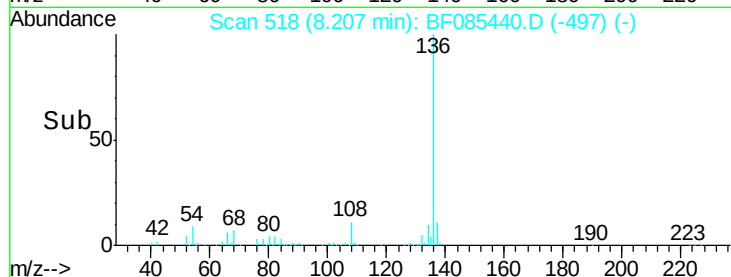
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

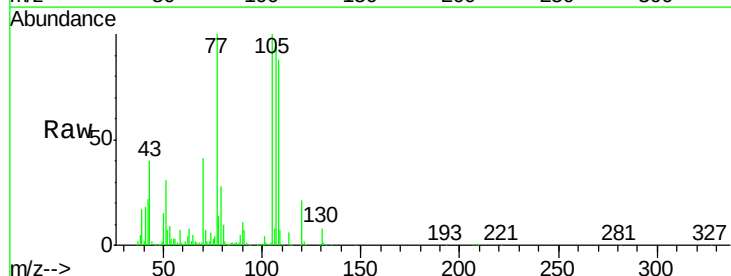
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.30 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Tgt Ion:	105	Resp:	619192
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.1	6.1#
51	30.6	21.1	31.7
120	21.4	17.3	25.9



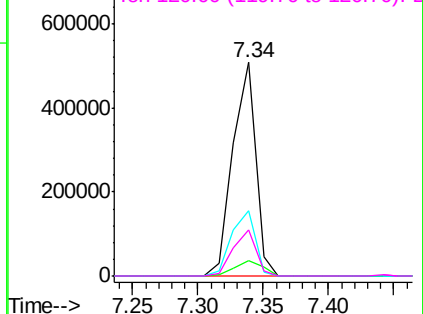
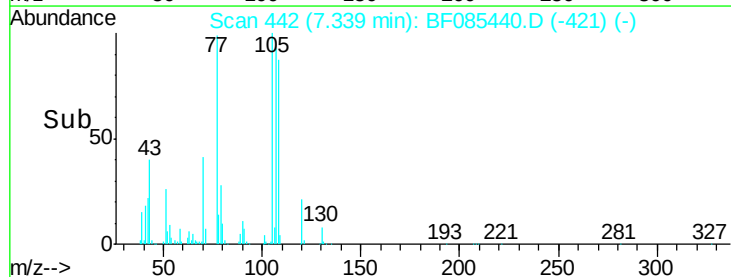
Abundance

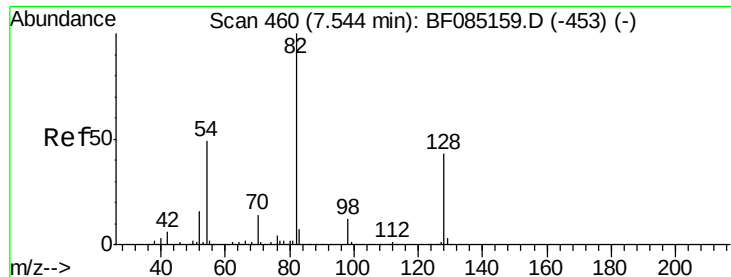
Ion 105.00 (104.70 to 105.70): E

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

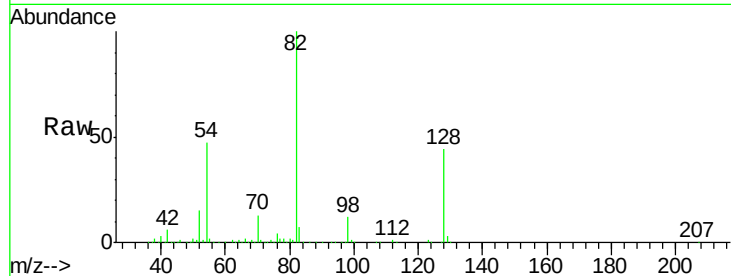




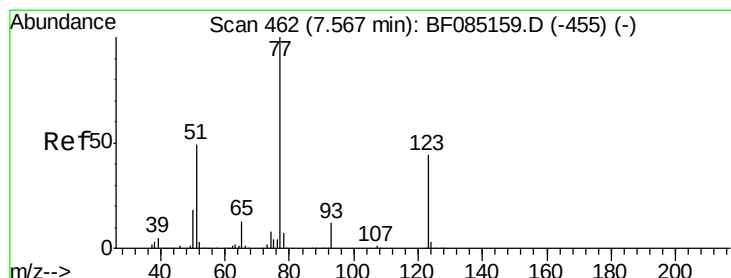
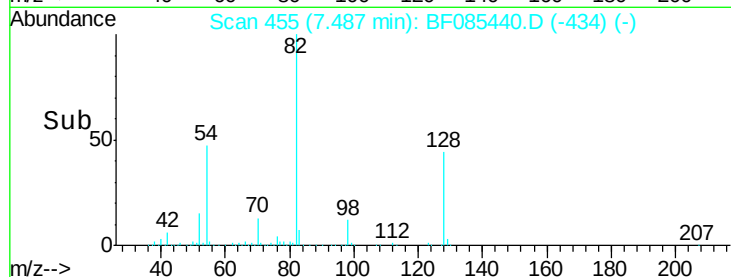
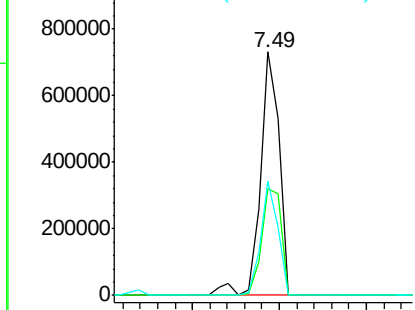
#23
 Nitrobenzene-d5
 Concen: 88.86 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion: 82 Resp: 1099812
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.5 51.7
 54 47.0 39.3 58.9

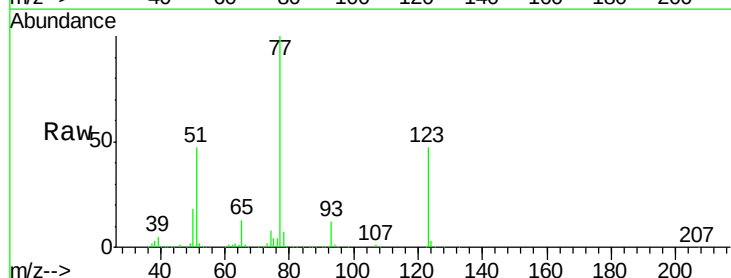


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

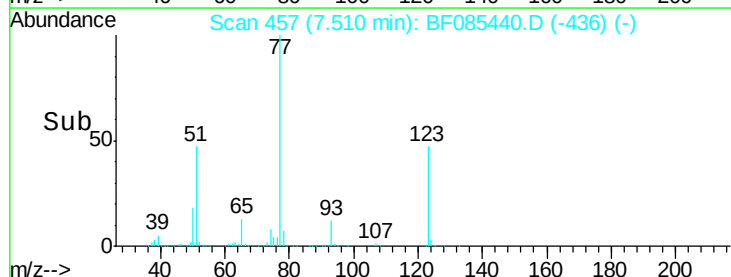
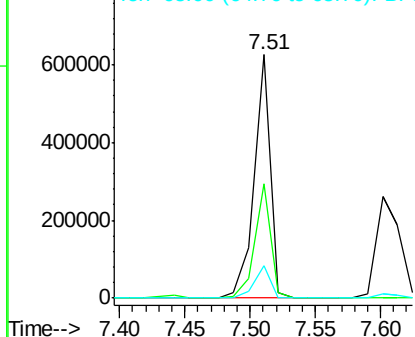


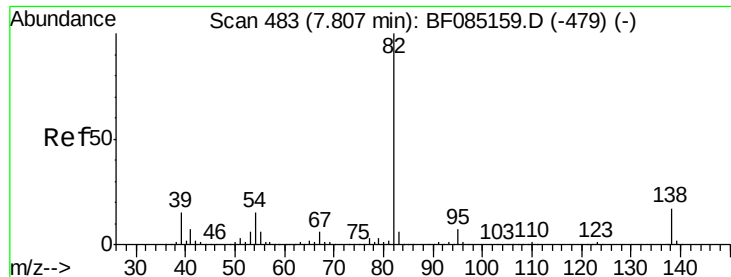
#24
 Nitrobenzene
 Concen: 43.04 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion: 77 Resp: 541069
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.4 53.2
 65 13.2 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: 42.55 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

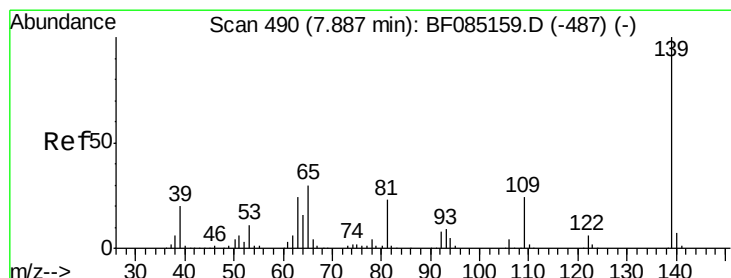
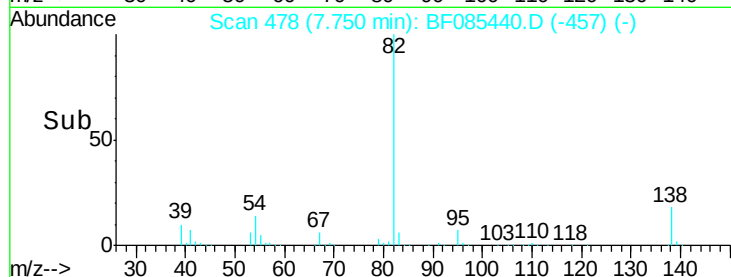
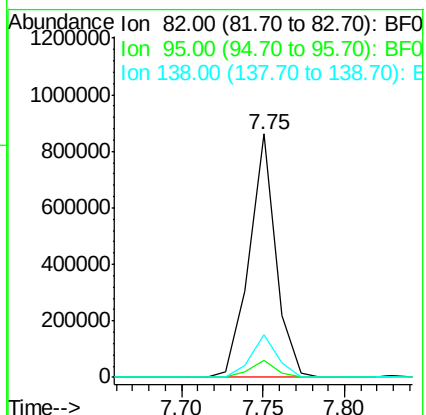
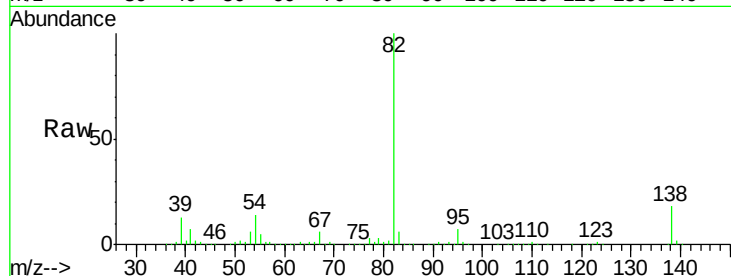
Tgt Ion: 82 Resp: 975888

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.7 13.3 19.9



#26

2-Nitrophenol

Concen: 46.63 ng

RT: 7.83 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

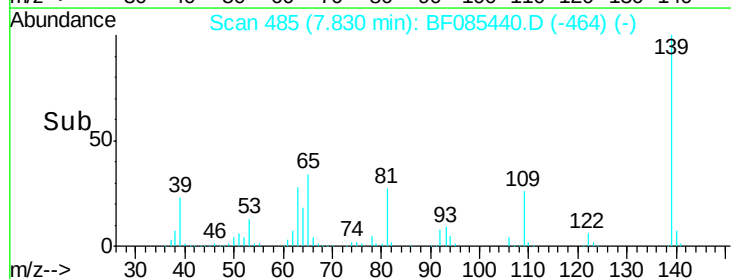
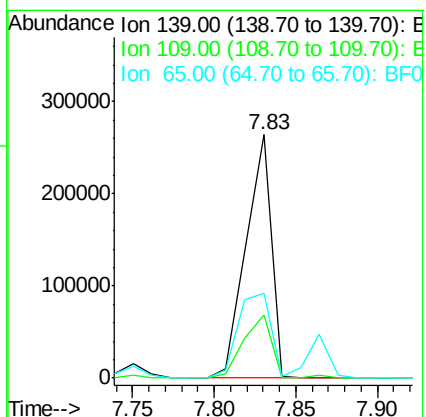
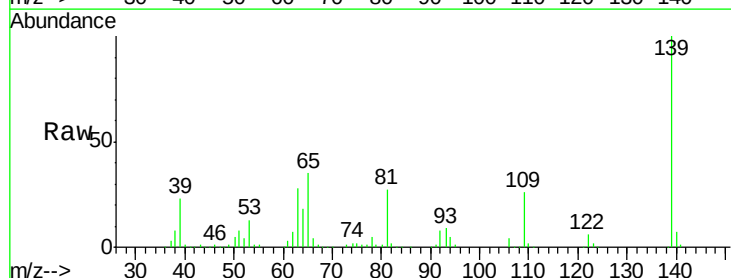
Tgt Ion: 139 Resp: 285309

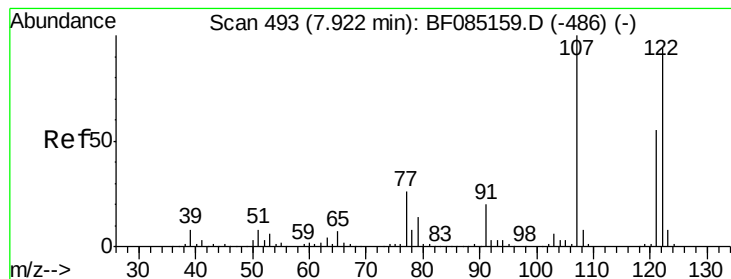
Ion Ratio Lower Upper

139 100

109 26.0 19.1 28.7

65 34.7 23.9 35.9

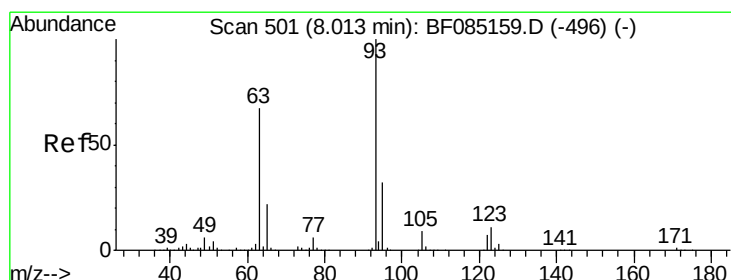
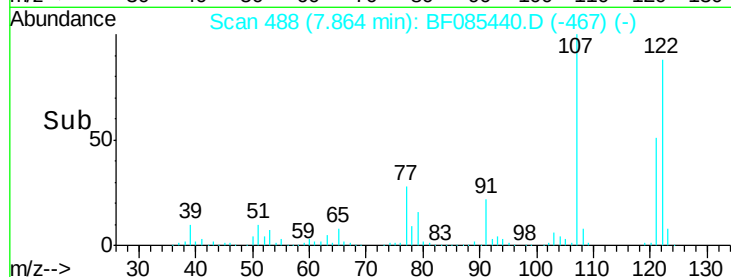
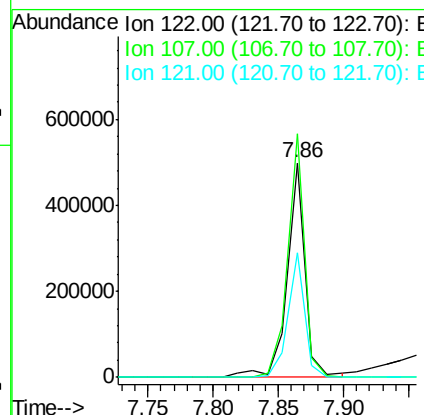
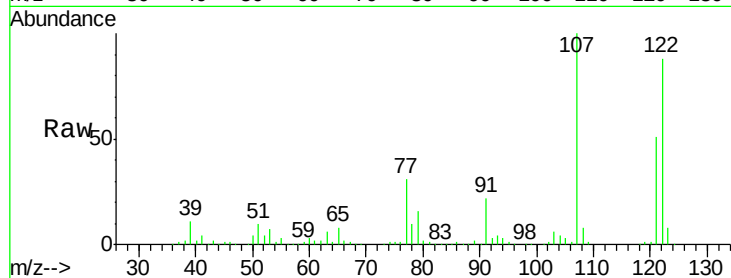




#27
 2,4-Dimethylphenol
 Concen: 42.90 ng
 RT: 7.86 min Scan# 488
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

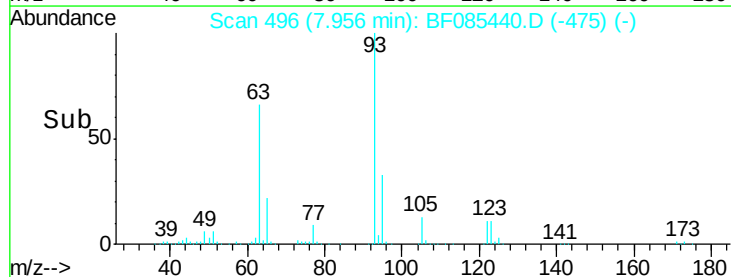
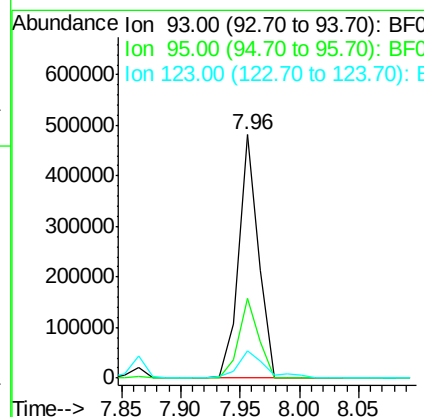
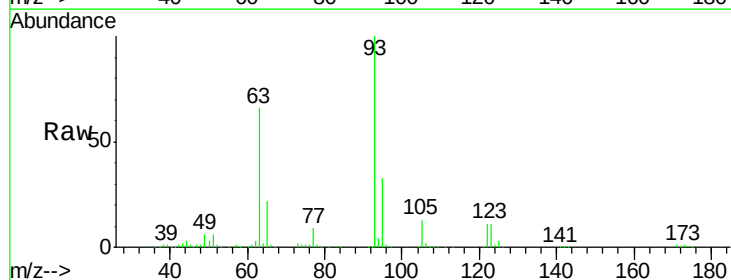
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

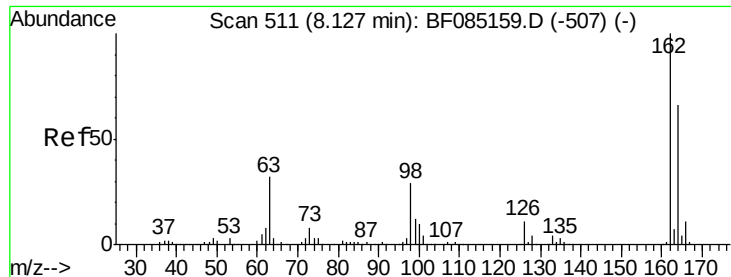
Tgt Ion:122 Resp: 479642
 Ion Ratio Lower Upper
 122 100
 107 113.6 84.8 127.2
 121 58.2 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.56 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion: 93 Resp: 556441
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.9 38.9
 123 11.1 8.8 13.2

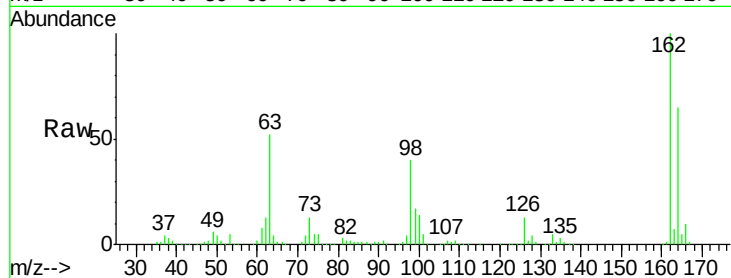




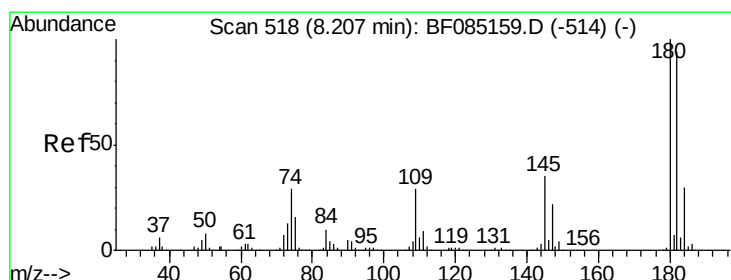
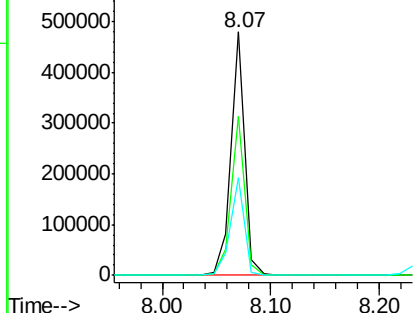
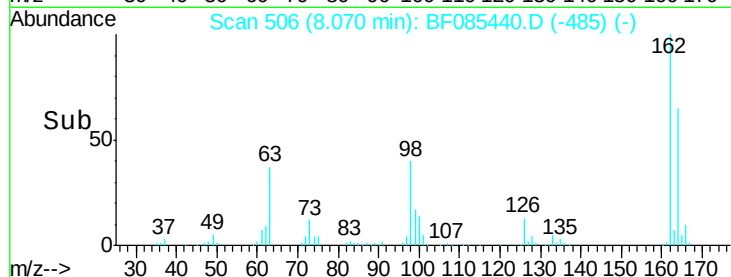
#29
 2,4-Dichlorophenol
 Concen: 45.99 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:162 Resp: 414685
 Ion Ratio Lower Upper
 162 100
 164 65.1 45.7 85.7
 98 40.2 9.4 49.4

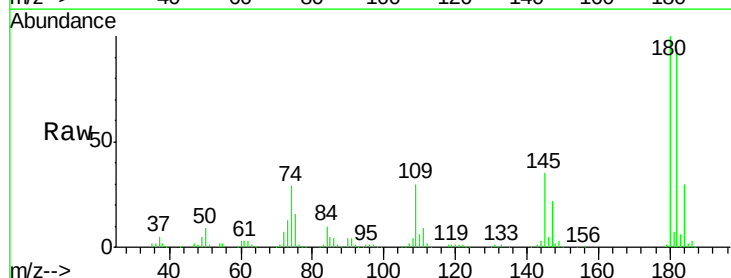


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

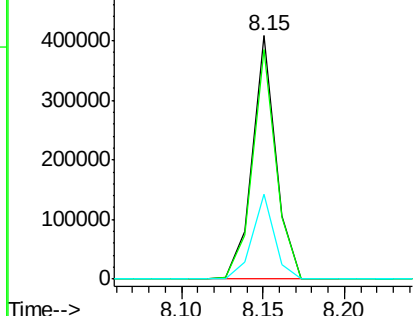
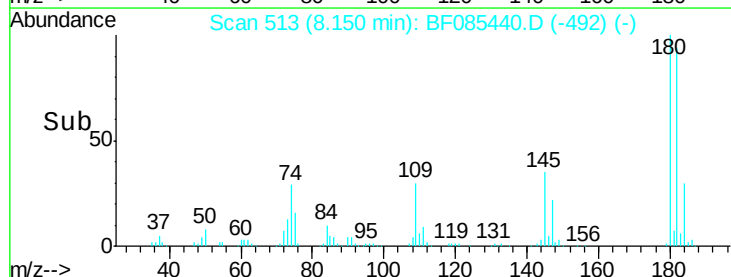


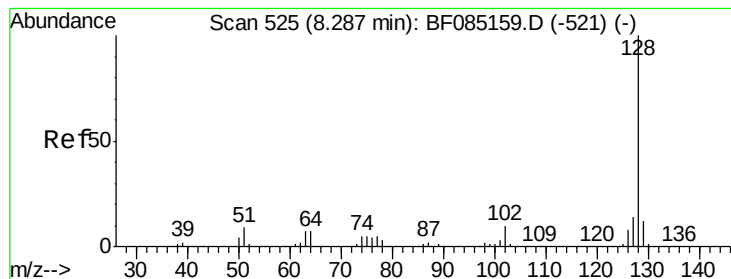
#30
 1,2,4-Trichlorobenzene
 Concen: 41.95 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:180 Resp: 408940
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.9 112.3
 145 35.0 27.9 41.9



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





#31

Naphthalene

Concen: 40.52 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

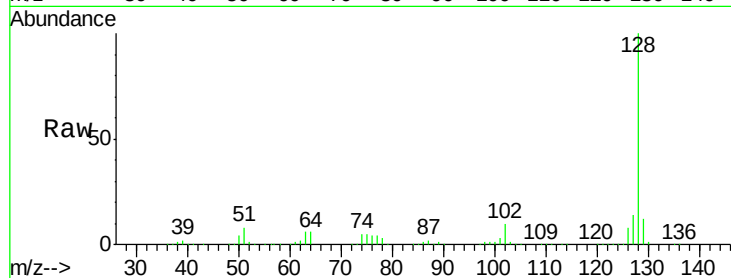
Tgt Ion:128 Resp: 1319676

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

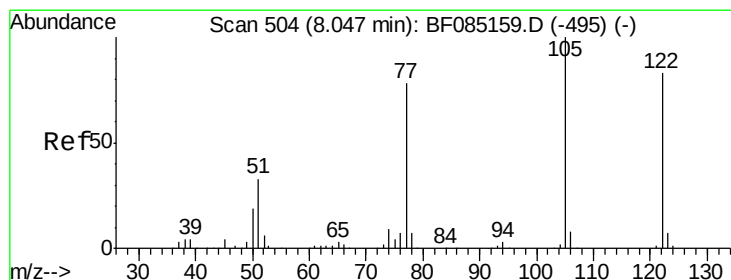
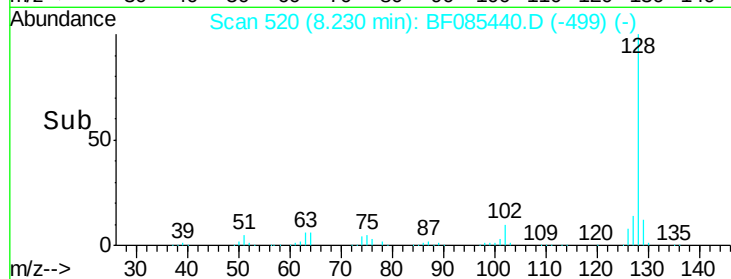
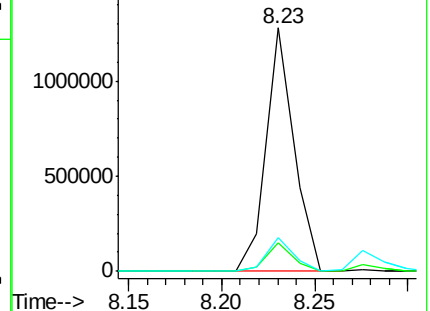
127 13.7 11.2 16.8



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: 43.72 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

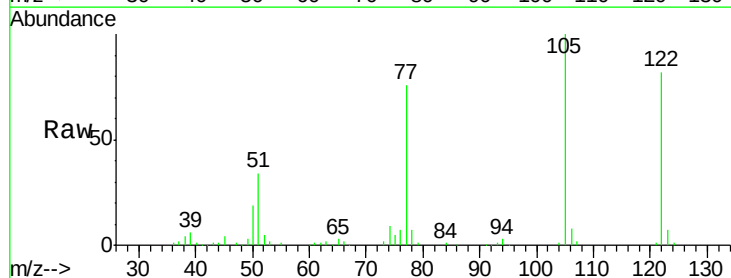
Tgt Ion:122 Resp: 324698

Ion Ratio Lower Upper

122 100

105 122.4 101.3 141.3

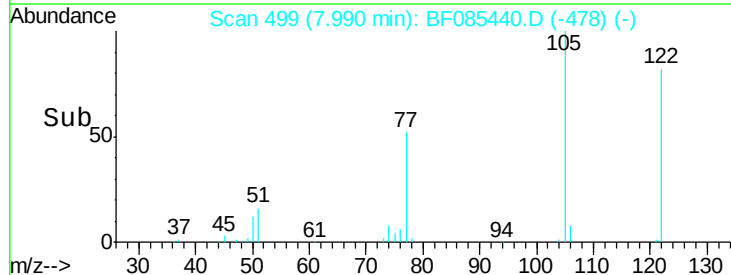
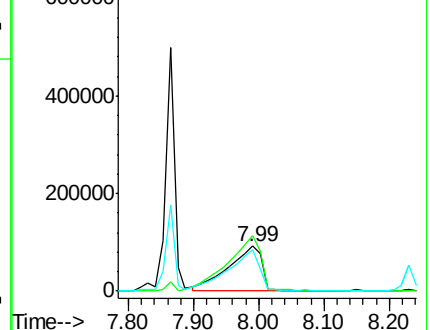
77 92.9 74.7 114.7

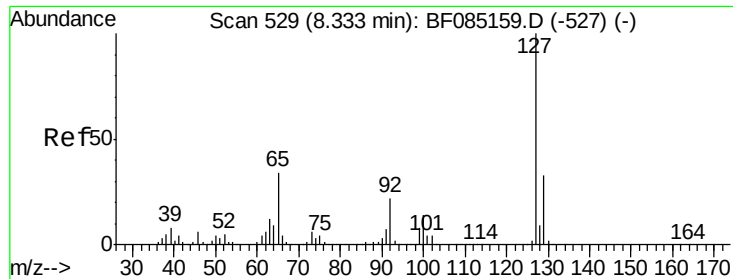


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

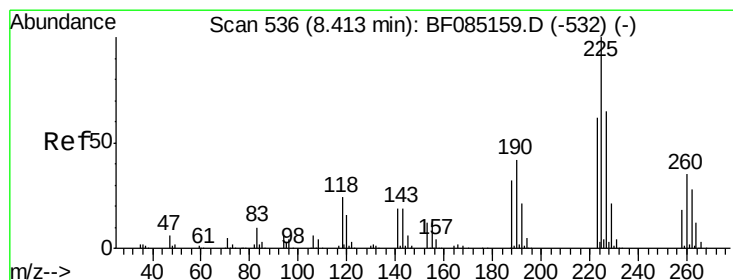
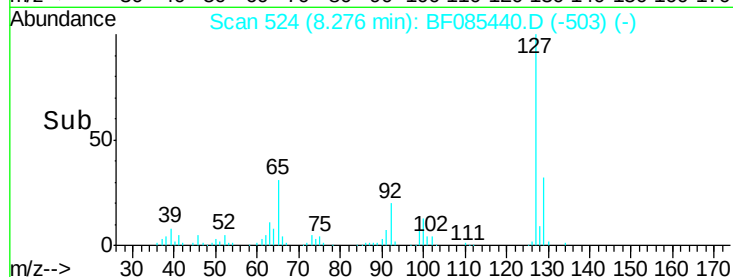
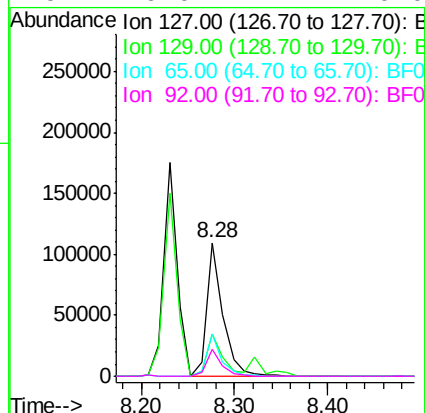
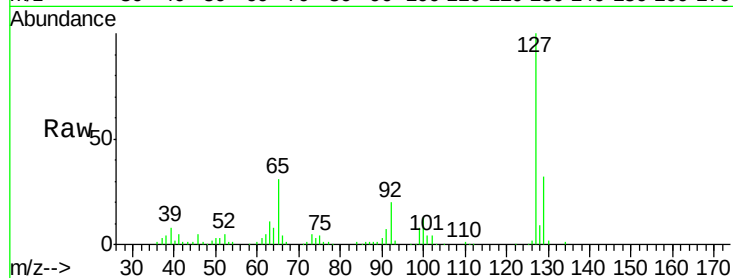




#33
4-Chloroaniline
Concen: 10.19 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

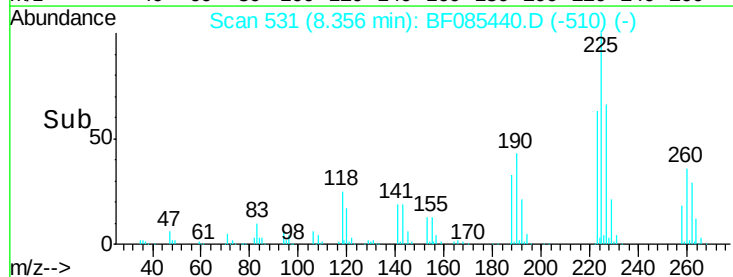
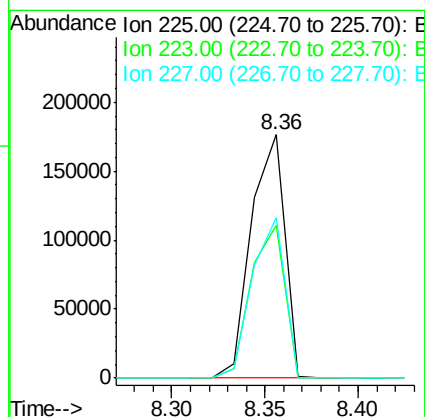
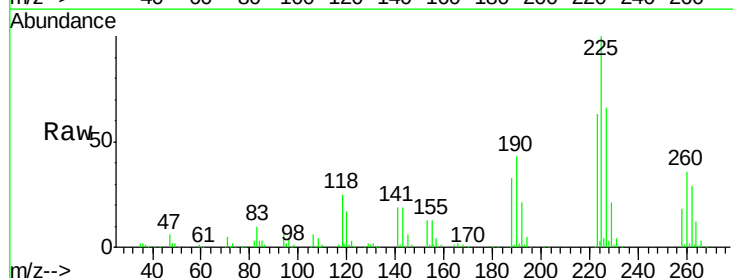
Instrument :
BNA_F
ClientSampleId :
PB88851BS

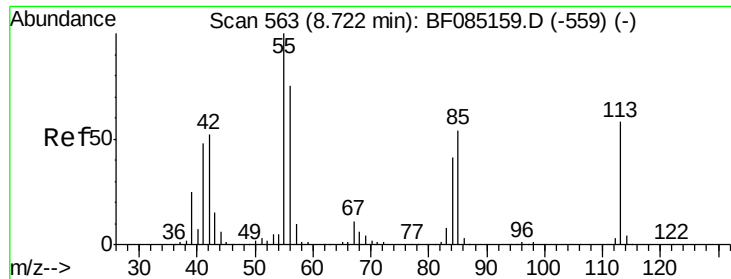
Tgt Ion:	127	Resp:	134249
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	31.3	27.0	40.6
92	20.0	17.4	26.0



#34
Hexachlorobutadiene
Concen: 43.12 ng
RT: 8.36 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Tgt Ion:	225	Resp:	218748
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	65.8	52.2	78.4

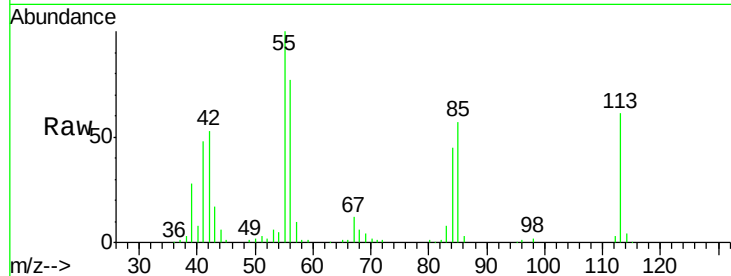




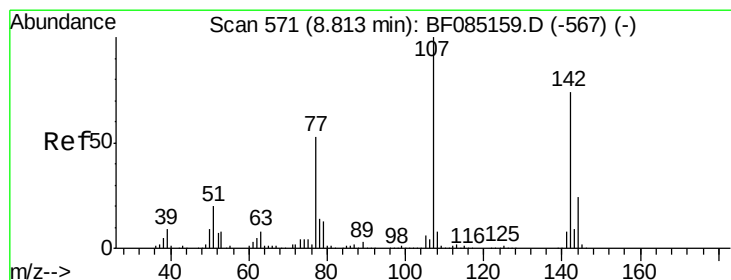
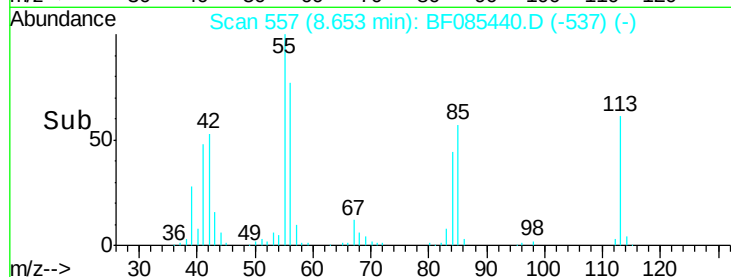
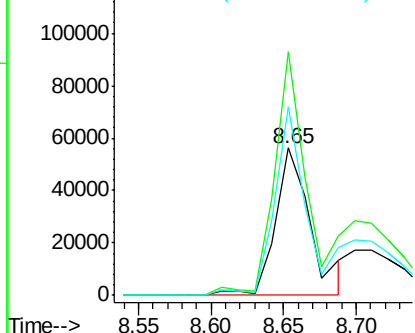
#35
 Caprolactam
 Concen: 31.90 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.07 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:113 Resp: 93952
 Ion Ratio Lower Upper
 113 100
 55 165.2 152.7 192.7
 56 127.6 109.0 149.0

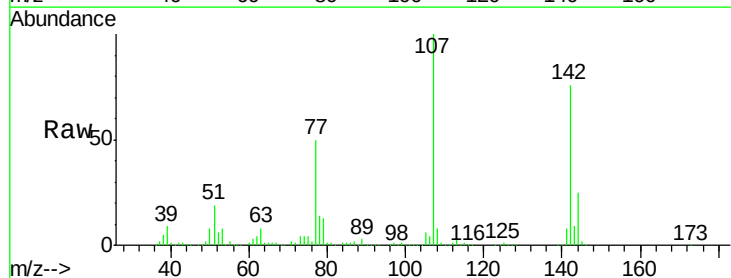


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

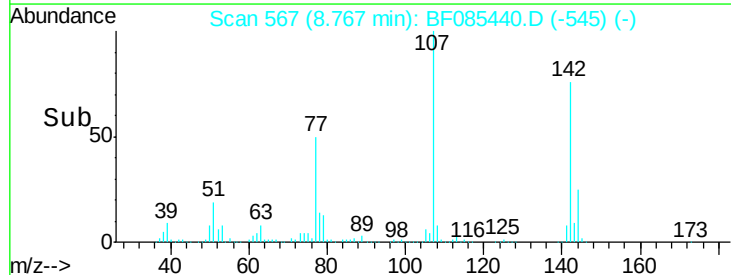
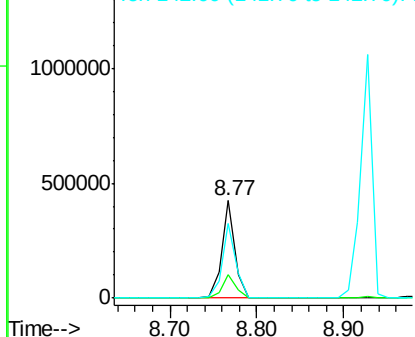


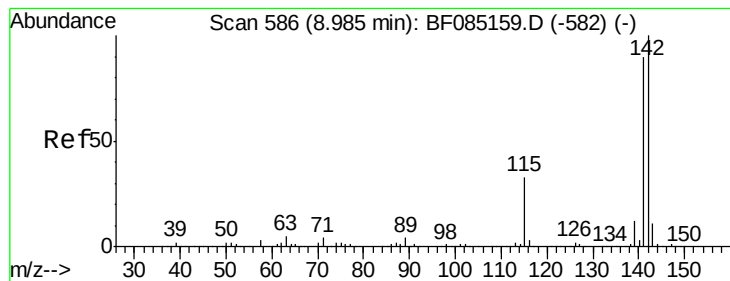
#36
 4-Chloro-3-methylphenol
 Concen: 43.78 ng
 RT: 8.77 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:107 Resp: 447912
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.4 29.2
 142 76.5 59.4 89.2



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: 47.41 ng

RT: 8.93 min Scan# 581

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampled :

PB88851BS

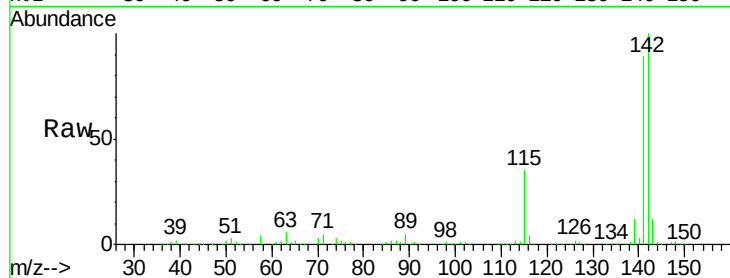
Tgt Ion:142 Resp: 990800

Ion Ratio Lower Upper

142 100

141 89.0 71.7 107.5

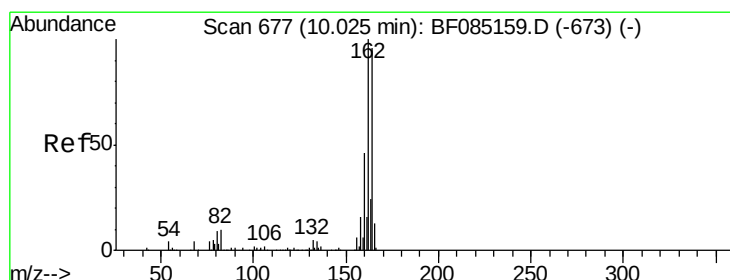
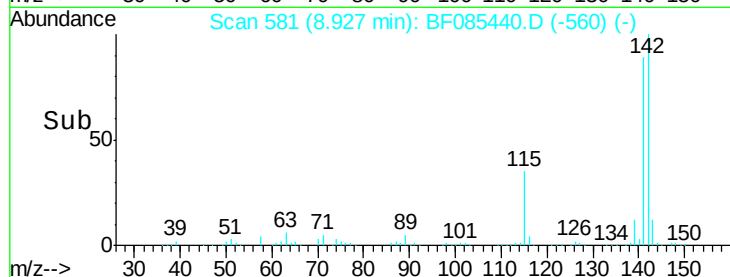
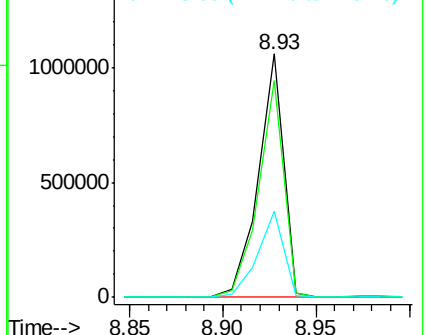
115 35.3 26.2 39.4



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: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

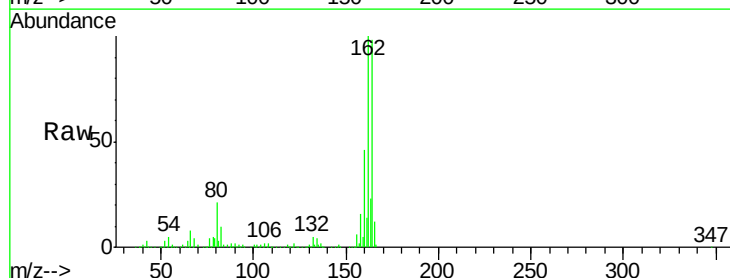
Tgt Ion:164 Resp: 316726

Ion Ratio Lower Upper

164 100

162 102.1 83.3 124.9

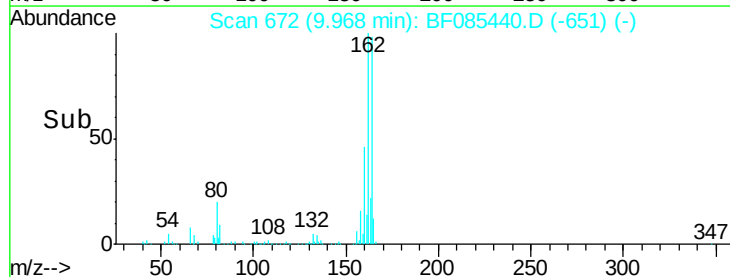
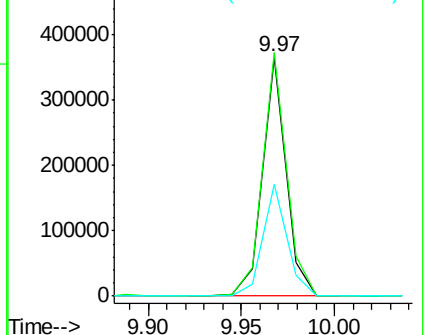
160 47.0 37.9 56.9

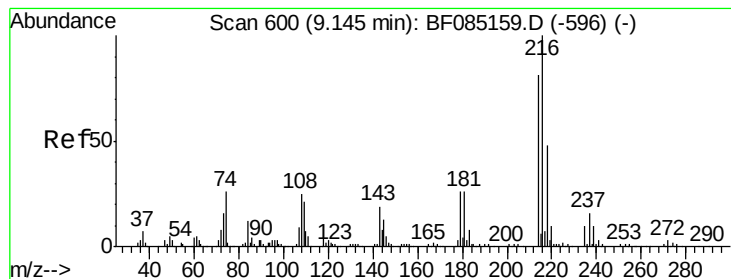


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.49 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

Tgt Ion:216 Resp: 366747

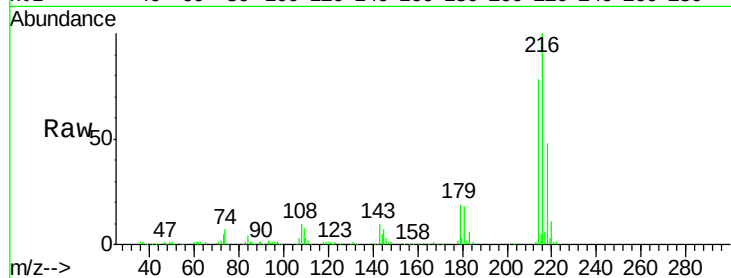
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 22.8 19.6 29.4

108 22.8 19.6 29.4

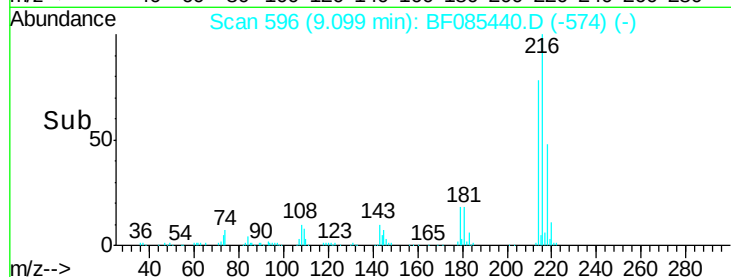


Abundance Ion 216.00 (215.70 to 216.70): E

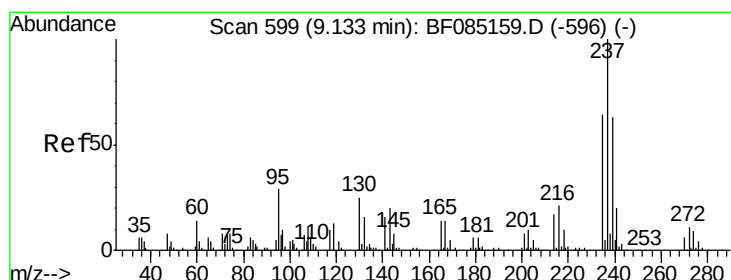
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 9.00 9.05 9.10 9.15



#40

Hexachlorocyclopentadiene

Concen: 66.94 ng

RT: 9.08 min Scan# 594

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

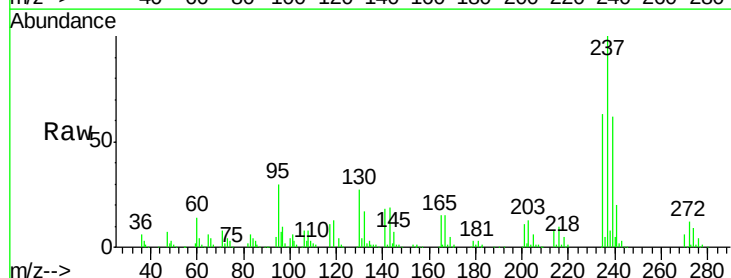
Tgt Ion:237 Resp: 327017

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

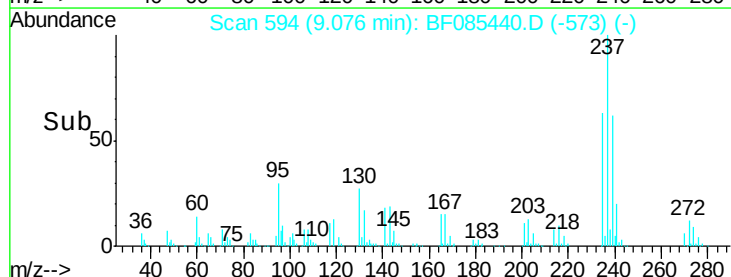
272 11.6 0.0 31.5



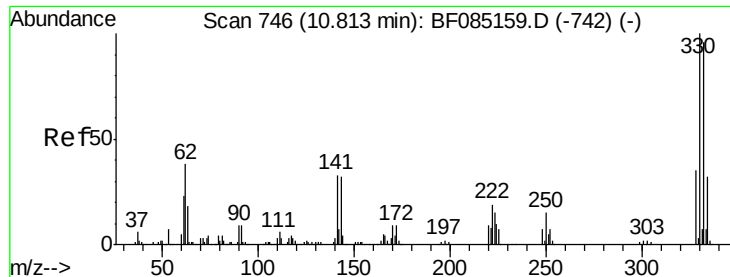
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



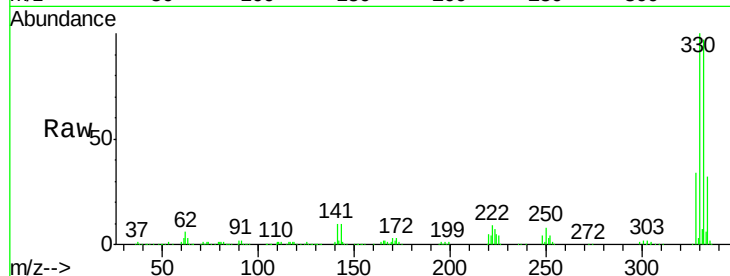
Time--> 9.00 9.05 9.10



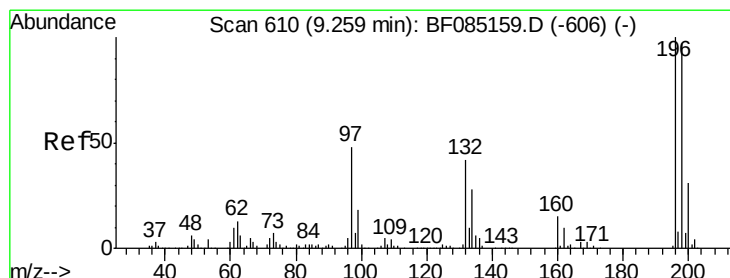
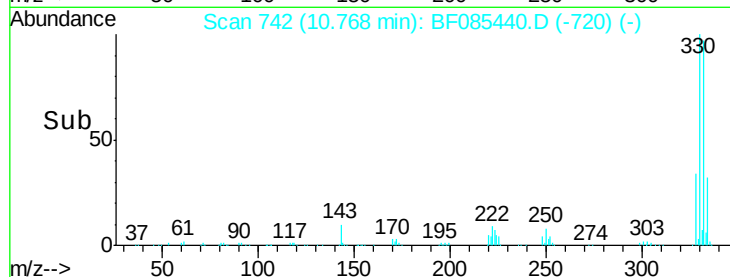
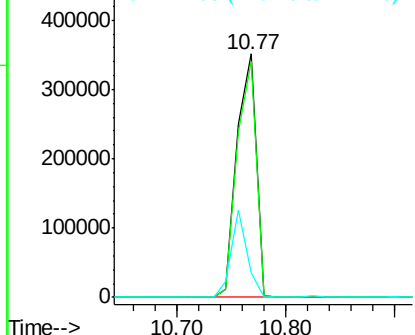
#41
 2,4,6-Tribromophenol
 Concen: 156.71 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:330 Resp: 424714
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 30.1 35.0 52.6#

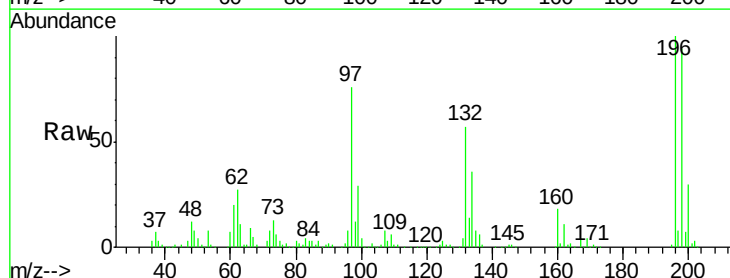


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

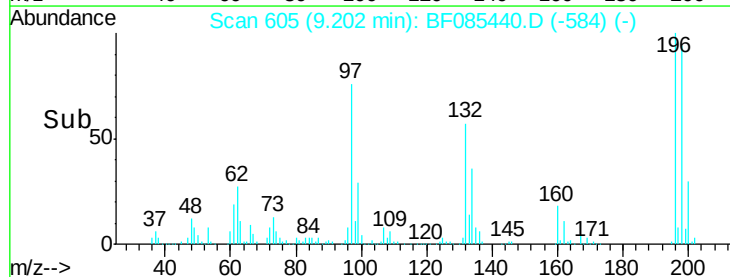
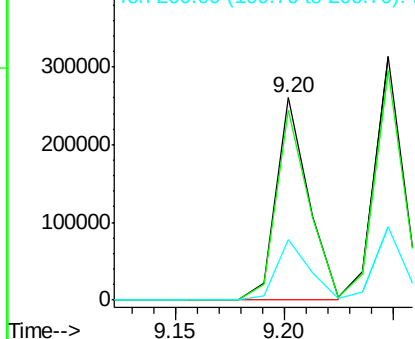


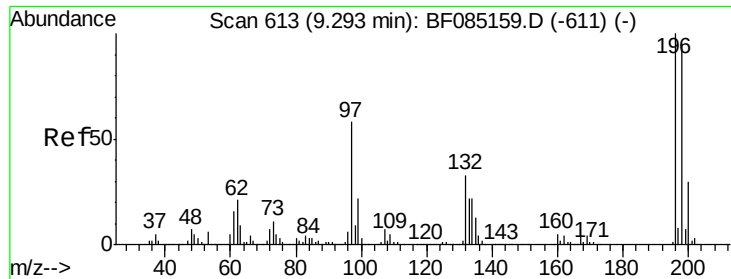
#42
 2,4,6-Trichlorophenol
 Concen: 40.25 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:196 Resp: 271407
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.8 116.6
 200 29.7 25.0 37.6



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

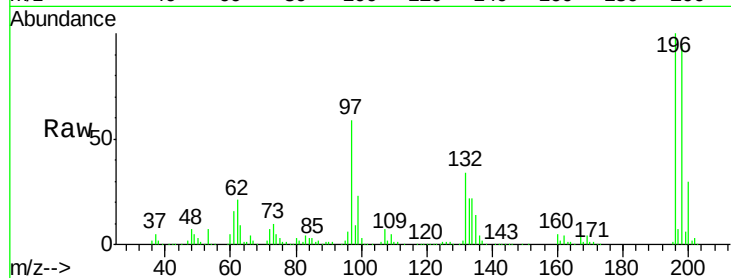




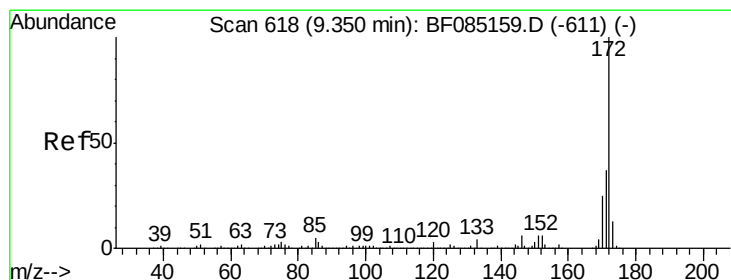
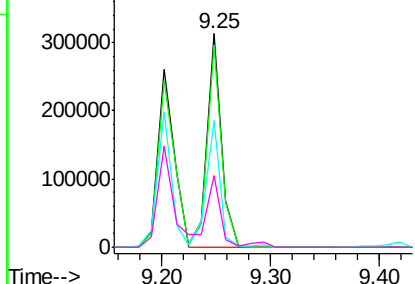
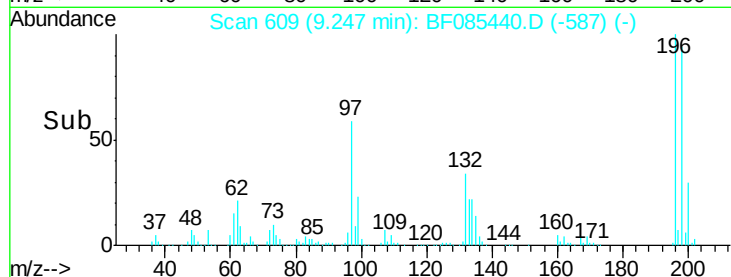
#43
 2,4,5-Trichlorophenol
 Concen: 45.42 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:196 Resp: 290380
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 97 59.2 46.4 69.6
 132 33.7 26.2 39.4

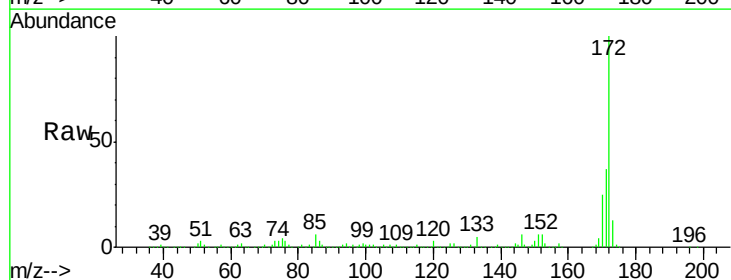


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

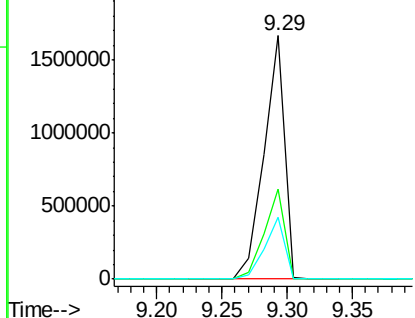
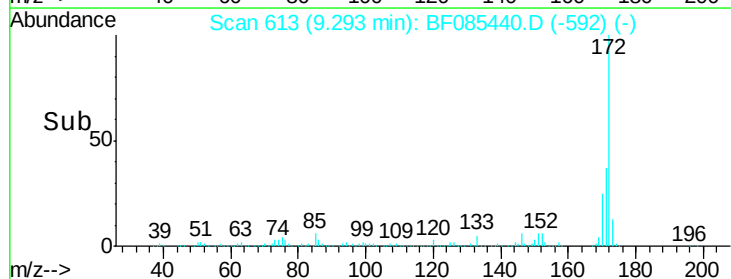


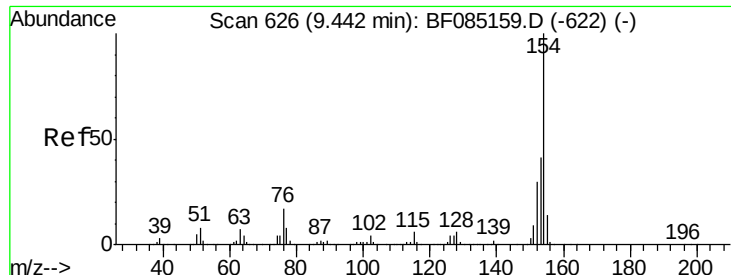
#44
 2-Fluorobiphenyl
 Concen: 88.05 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:172 Resp: 1833727
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 25.2 20.0 30.0



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

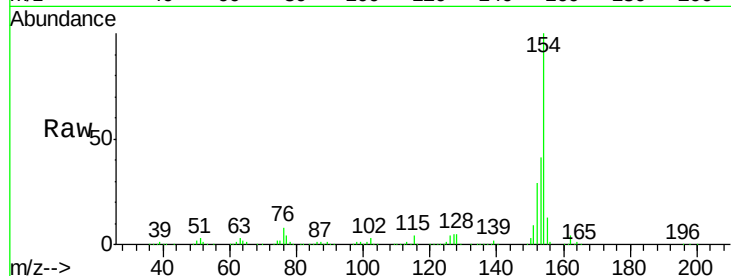




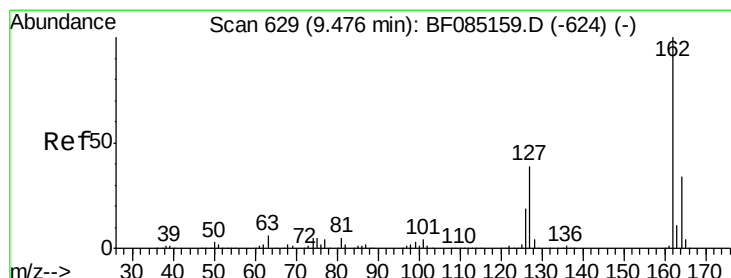
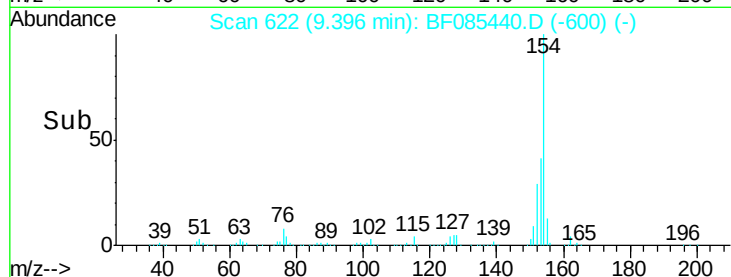
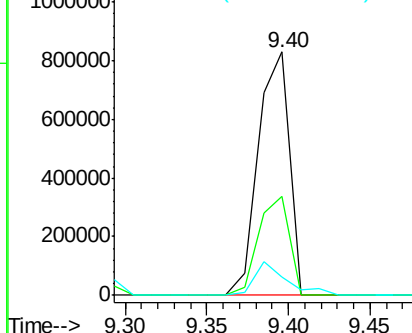
#45
 1,1'-Biphenyl
 Concen: 40.55 ng
 RT: 9.40 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:154 Resp: 1097297
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.4 61.4
 76 7.7 0.0 37.5

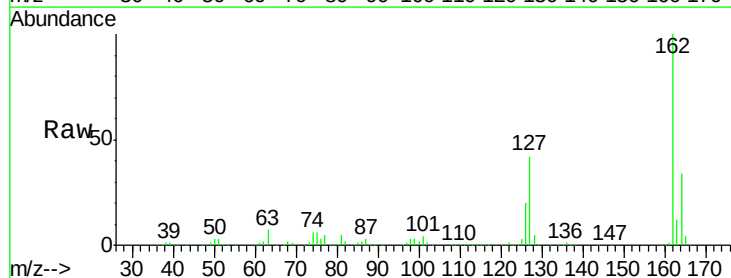


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

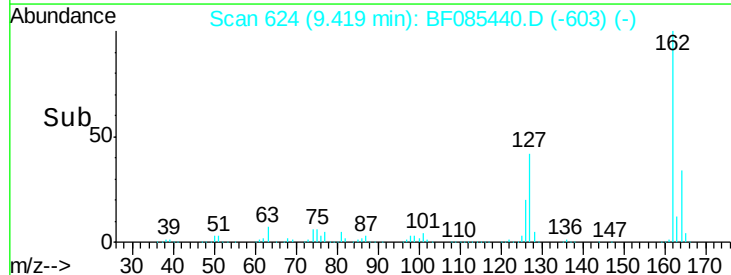
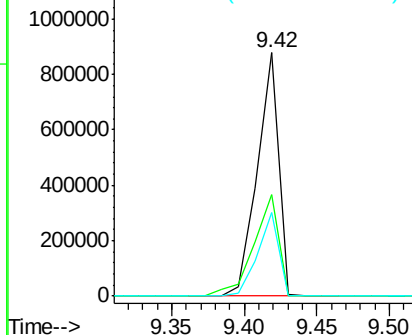


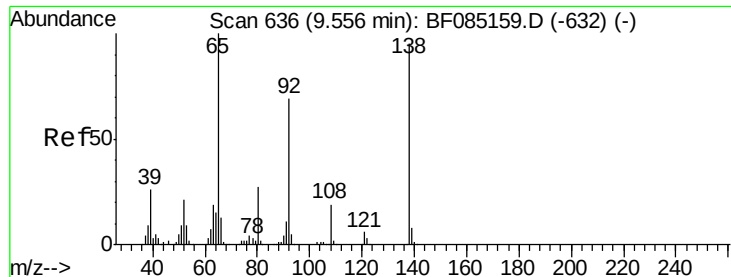
#46
 2-Chloronaphthalene
 Concen: 43.68 ng
 RT: 9.42 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:162 Resp: 900938
 Ion Ratio Lower Upper
 162 100
 127 41.7 31.6 47.4
 164 34.3 27.1 40.7



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: 43.17 ng

RT: 9.51 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

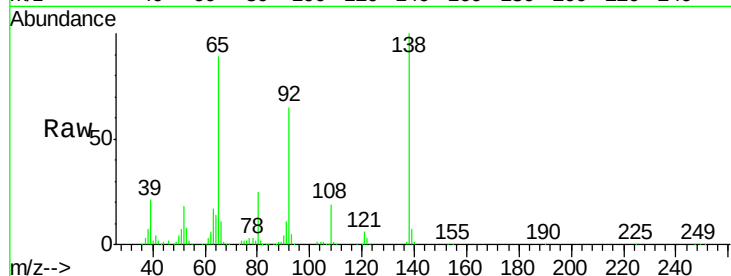
Tgt Ion: 65 Resp: 275895

Ion Ratio Lower Upper

65 100

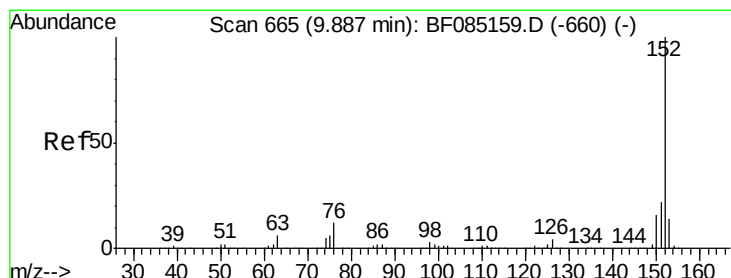
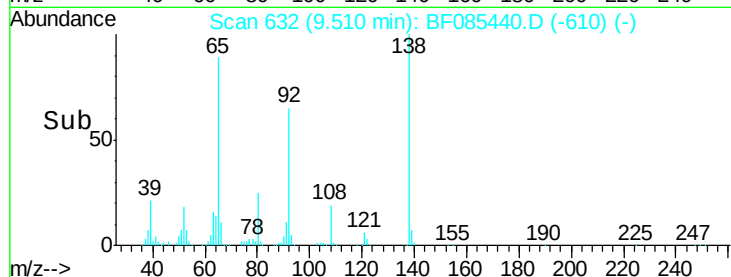
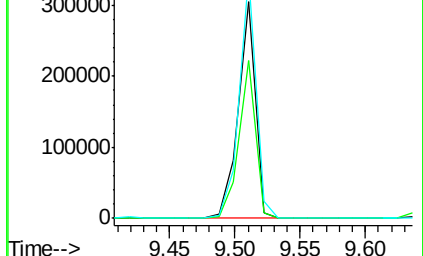
92 73.0 55.4 83.2

138 112.3 75.7 113.5



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

9.51



#48

Acenaphthylene

Concen: 40.44 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

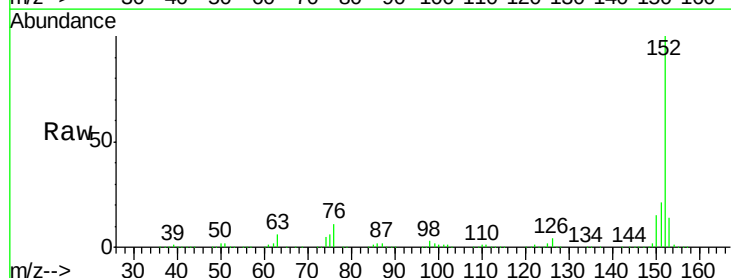
Tgt Ion: 152 Resp: 1298269

Ion Ratio Lower Upper

152 100

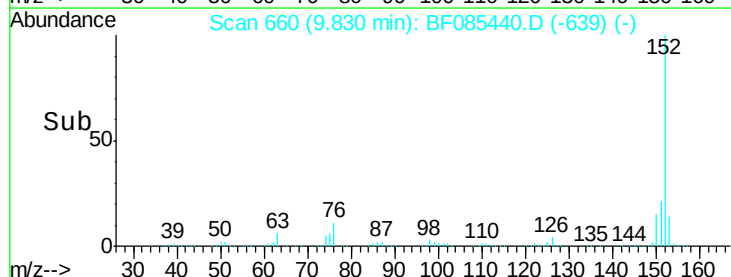
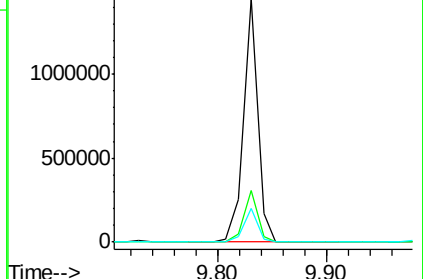
151 21.1 17.5 26.3

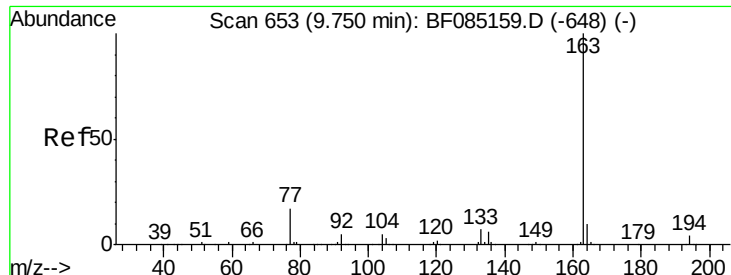
153 14.1 11.3 16.9



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

9.83





#49

Dimethylphthalate

Concen: 41.14 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

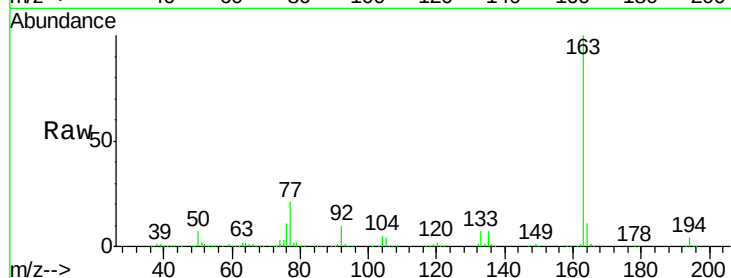
Tgt Ion:163 Resp: 1000018

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

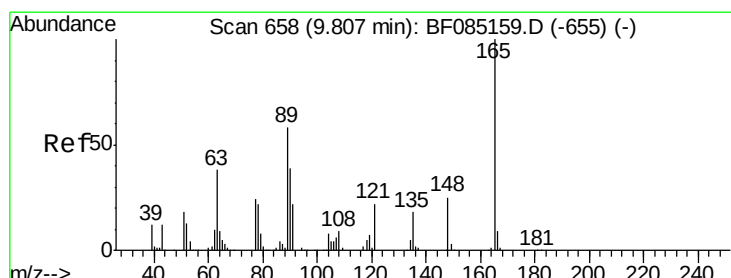
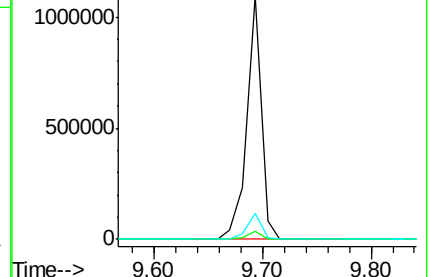
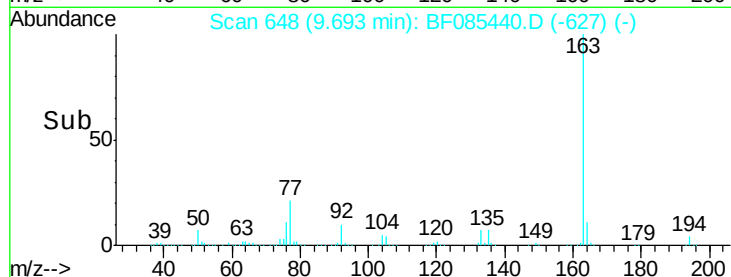
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.28 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

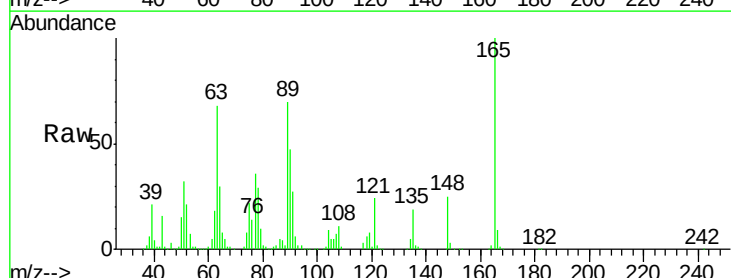
Tgt Ion:165 Resp: 204293

Ion Ratio Lower Upper

165 100

63 67.9 41.8 62.8#

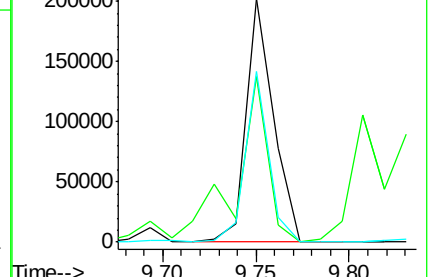
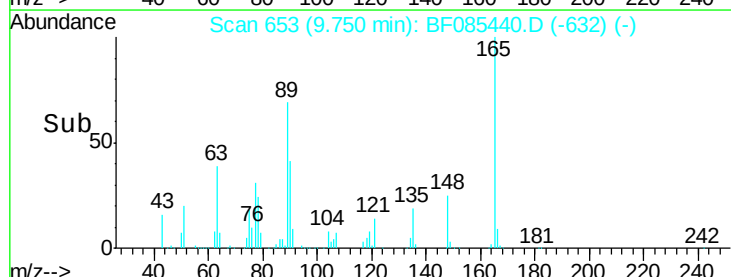
89 70.1 46.7 70.1#

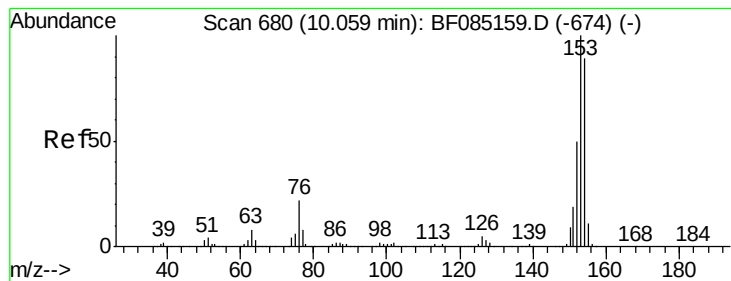


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.62 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

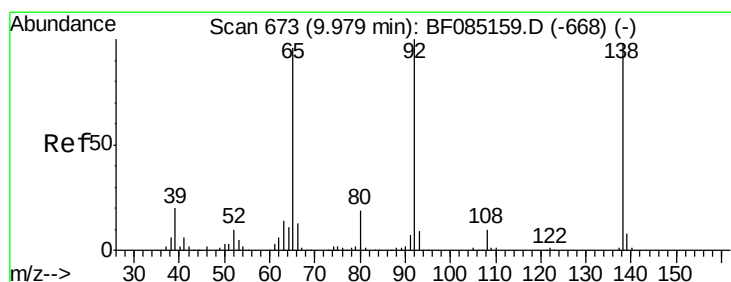
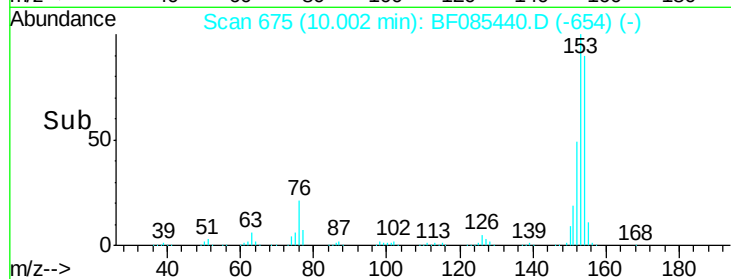
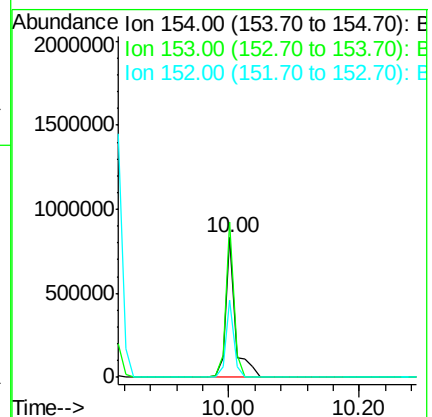
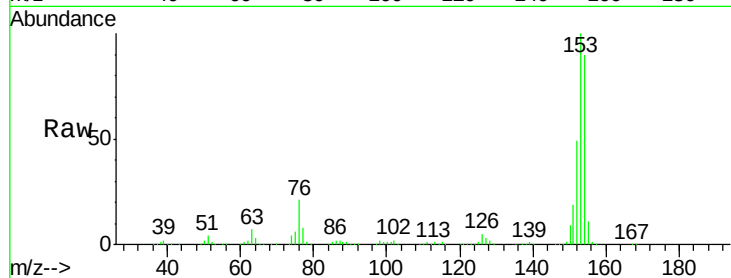
Tgt Ion:154 Resp: 869763

Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

152 55.1 44.6 66.8



#52

3-Nitroaniline

Concen: 27.38 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

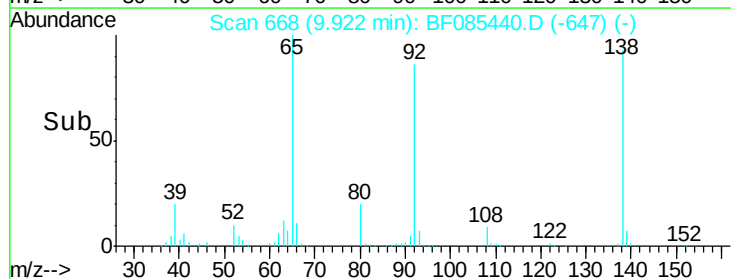
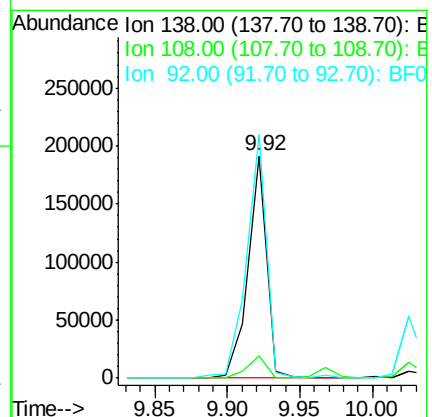
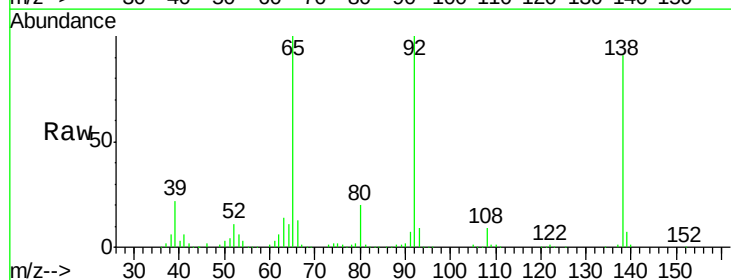
Tgt Ion:138 Resp: 170372

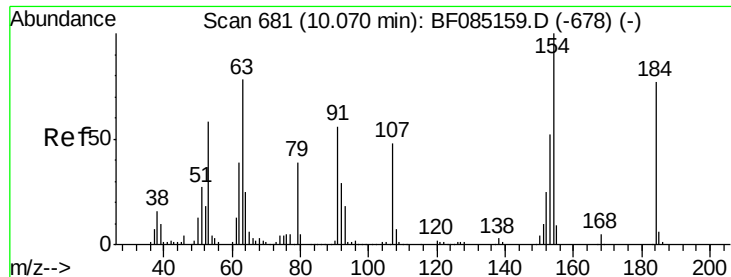
Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

92 109.5 81.3 121.9

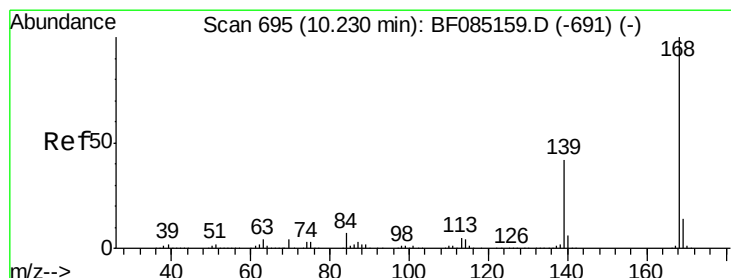
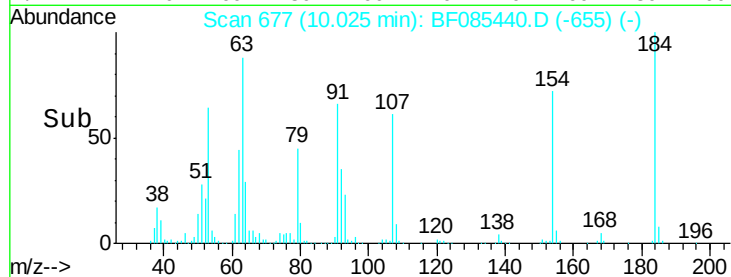
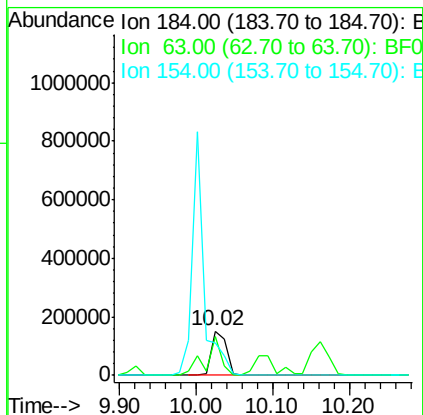
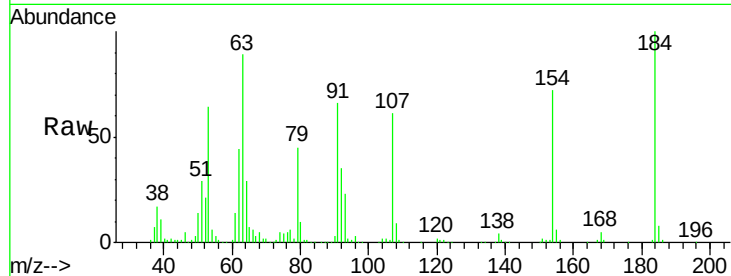




#53
 2,4-Dinitrophenol
 Concen: 77.15 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

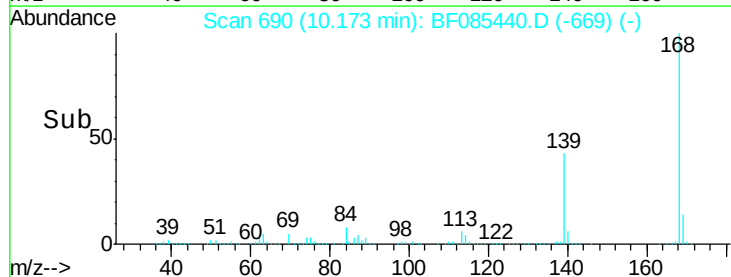
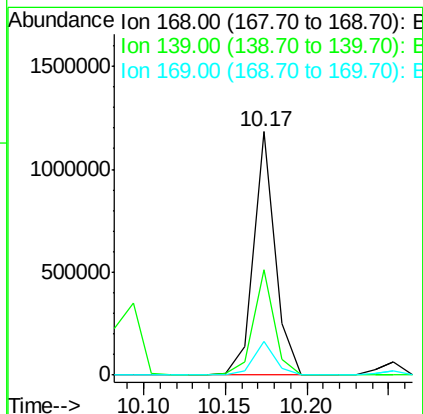
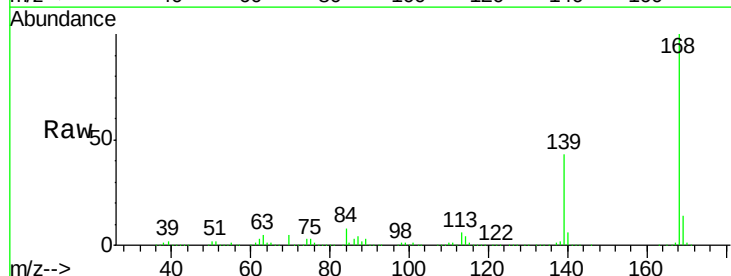
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

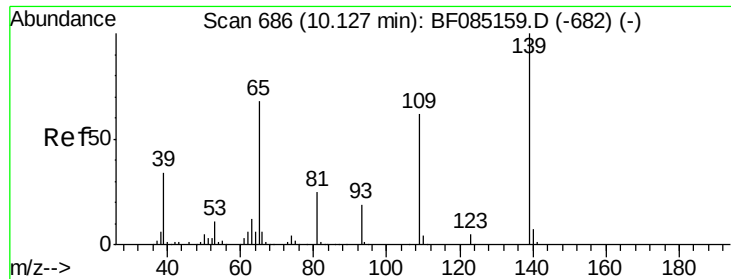
Tgt Ion:184 Resp: 202781
 Ion Ratio Lower Upper
 184 100
 63 88.6 82.2 123.4
 154 72.0 108.9 163.3#



#54
 Dibenzofuran
 Concen: 42.52 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:168 Resp: 1085804
 Ion Ratio Lower Upper
 168 100
 139 43.1 33.6 50.4
 169 14.0 11.2 16.8

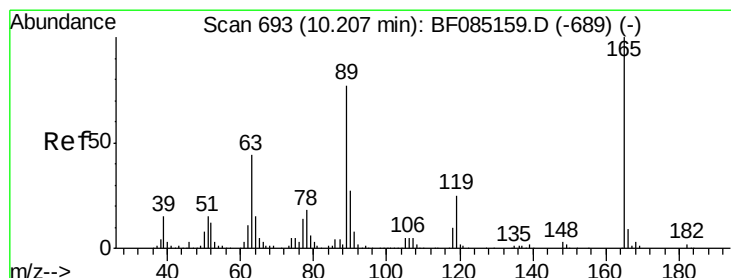
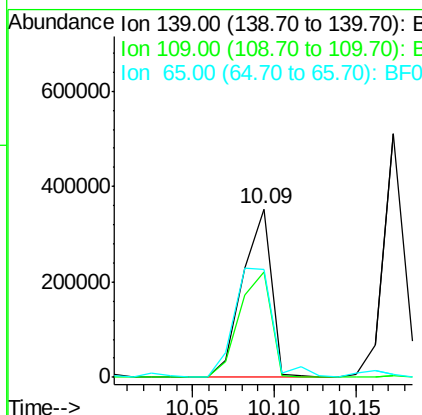
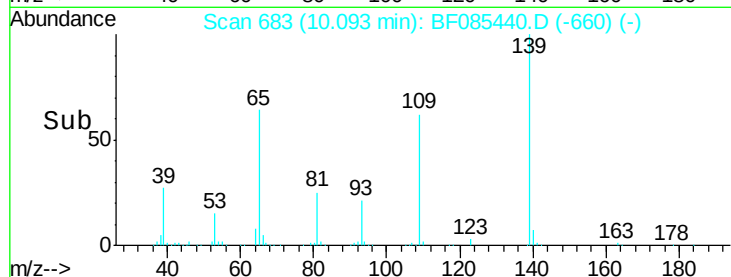
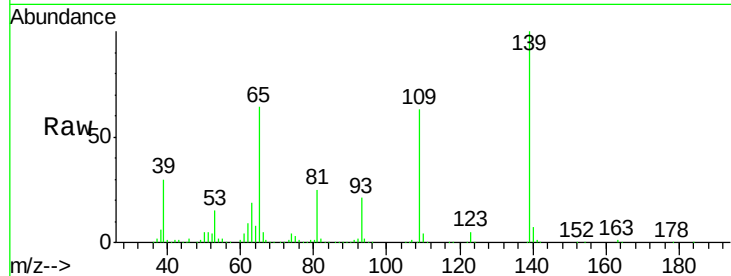




#55
4-Nitrophenol
Concen: 88.33 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

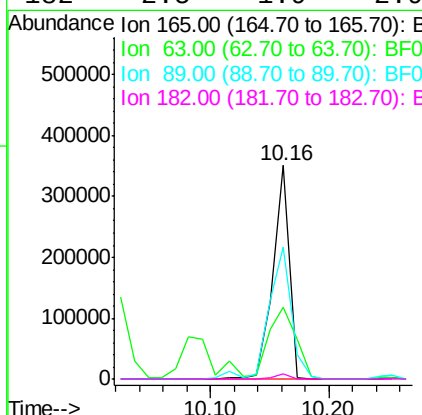
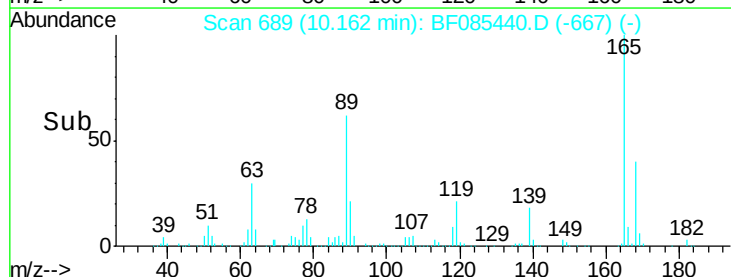
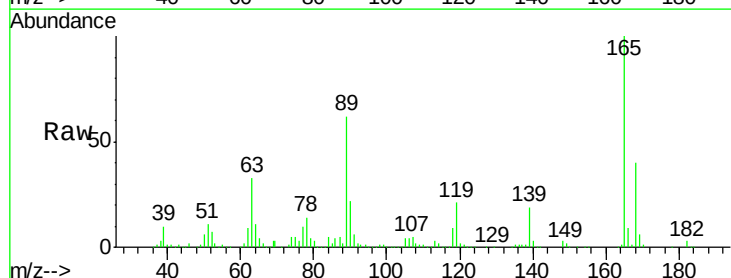
Instrument :
BNA_F
ClientSampleId :
PB88851BS

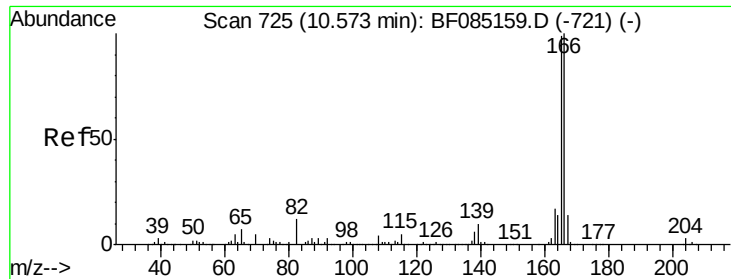
Tgt Ion:139 Resp: 431920
Ion Ratio Lower Upper
139 100
109 62.6 41.9 81.9
65 64.0 48.3 88.3



#56
2,4-Dinitrotoluene
Concen: 50.95 ng
RT: 10.16 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Tgt Ion:165 Resp: 339086
Ion Ratio Lower Upper
165 100
63 33.3 35.4 53.0#
89 61.9 61.9 92.9#
182 2.5 1.9 2.9

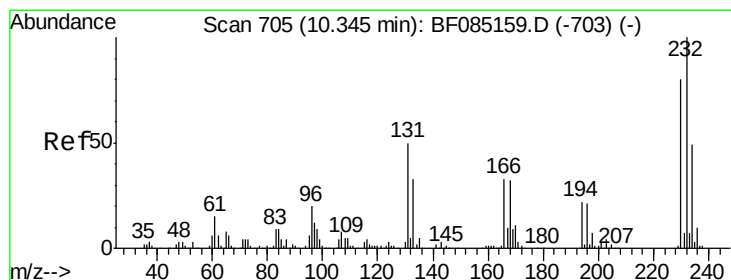
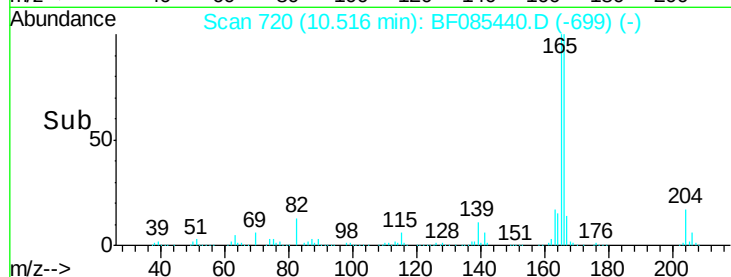
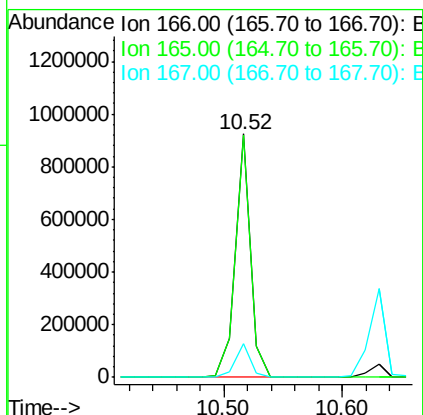
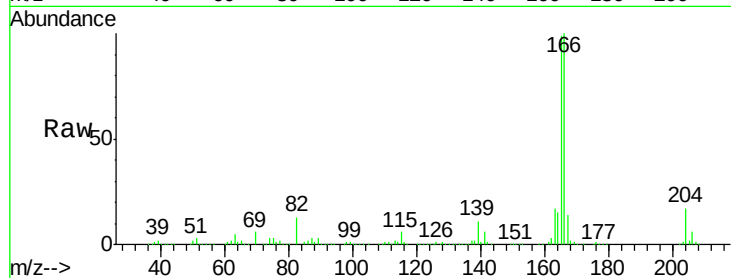




#57
 Fluorene
 Concen: 41.07 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

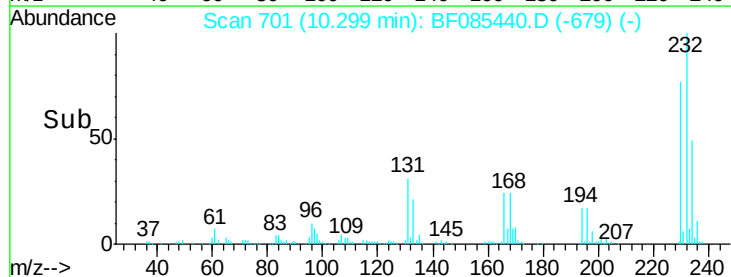
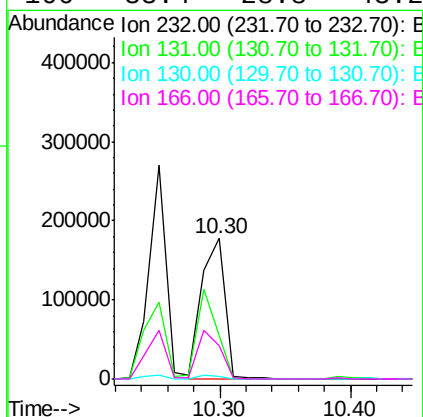
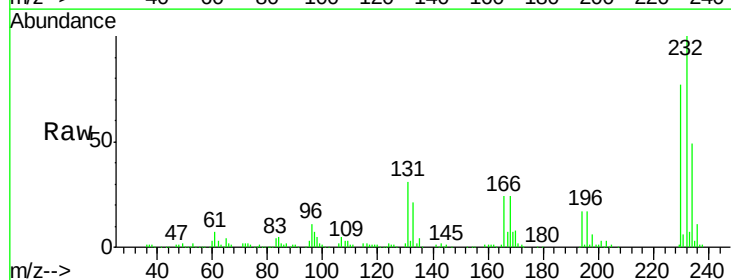
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

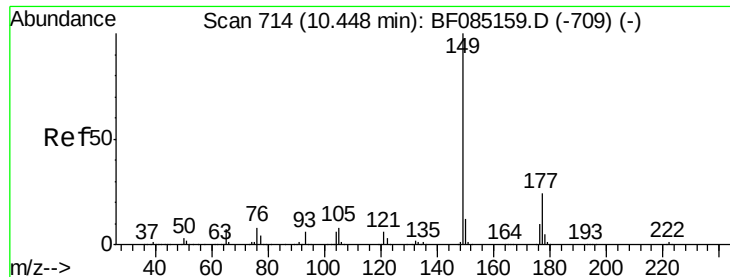
Tgt Ion:166 Resp: 823934
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.4 119.0
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.05 ng
 RT: 10.30 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:232 Resp: 220282
 Ion Ratio Lower Upper
 232 100
 131 55.2 46.0 69.0
 130 2.8 2.2 3.4
 166 33.4 28.8 43.2

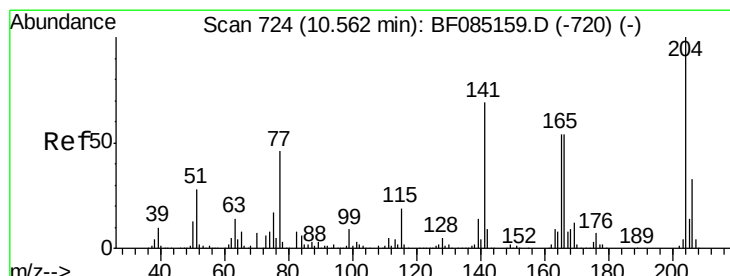
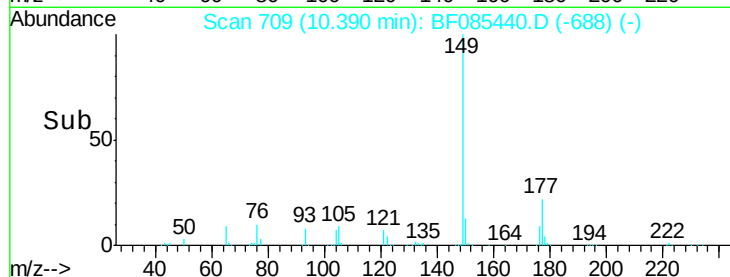
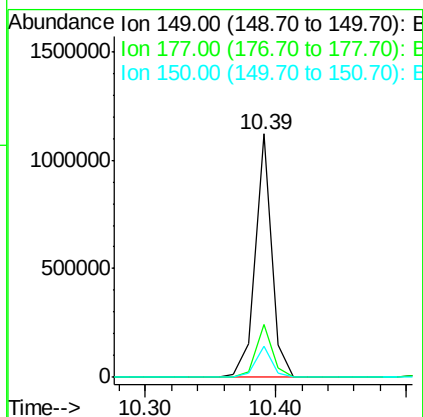
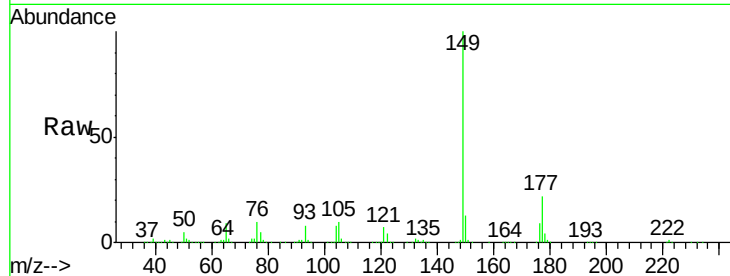




#59
Diethylphthalate
Concen: 41.81 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

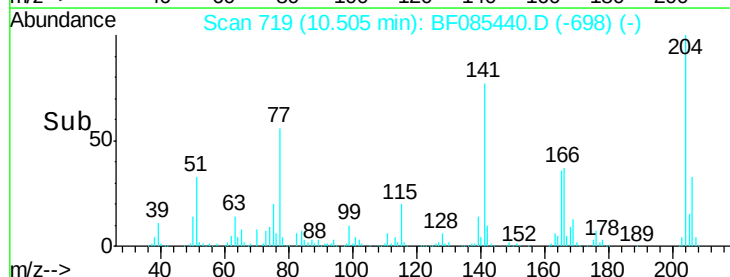
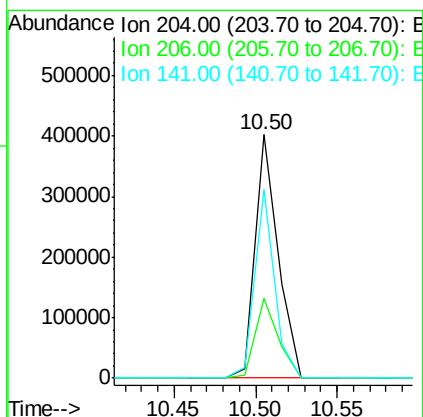
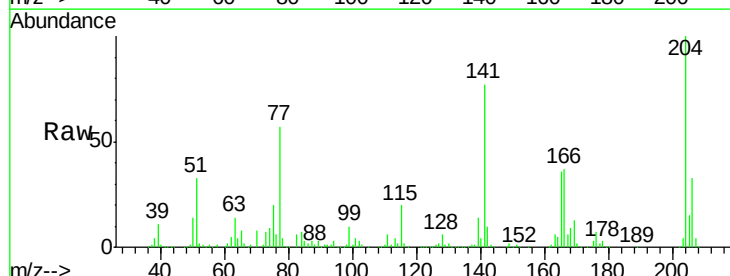
Instrument :
BNA_F
ClientSampleId :
PB88851BS

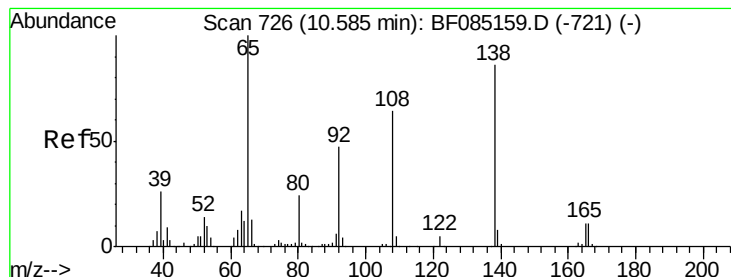
Tgt Ion:149 Resp: 986232
Ion Ratio Lower Upper
149 100
177 21.8 19.2 28.8
150 12.9 9.9 14.9



#60
4-Chlorophenyl-phenylether
Concen: 40.35 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF085440.D
Acq: 14 Mar 2016 20:30

Tgt Ion:204 Resp: 393831
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 77.4 55.4 83.2





#61

4-Nitroaniline

Concen: 40.28 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

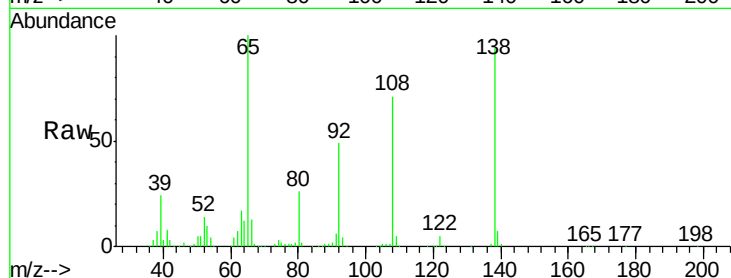
Tgt Ion:138 Resp: 234441

Ion Ratio Lower Upper

138 100

92 51.8 34.2 74.2

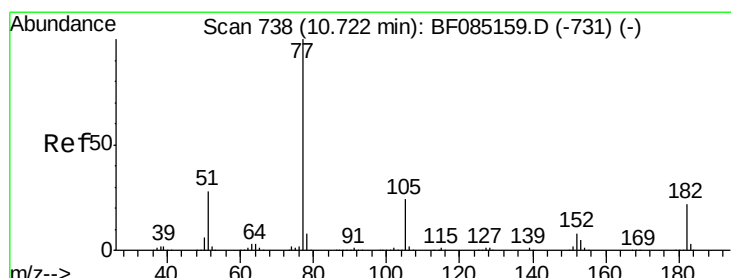
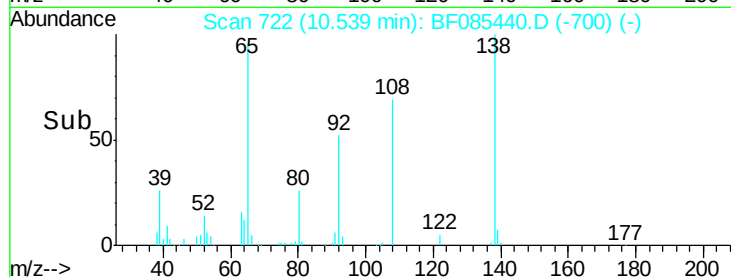
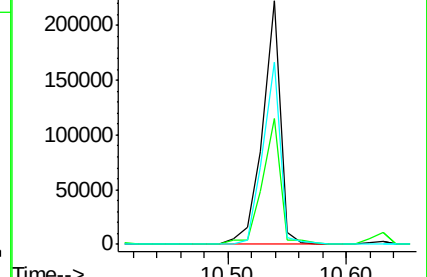
108 75.1 53.9 93.9



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: 44.48 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Tgt Ion: 77 Resp: 1033864

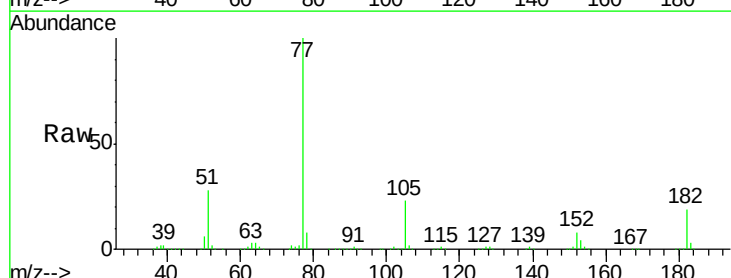
Ion Ratio Lower Upper

77 100

182 19.4 2.1 42.1

105 23.0 3.8 43.8

51 27.6 7.8 47.8

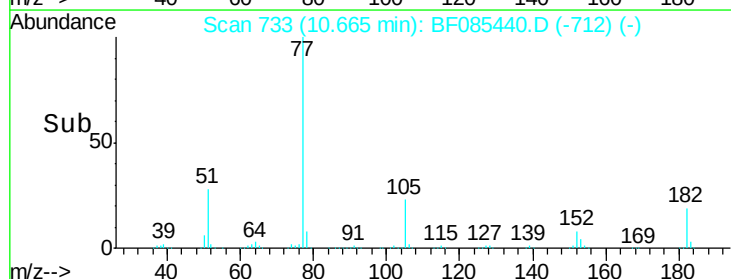
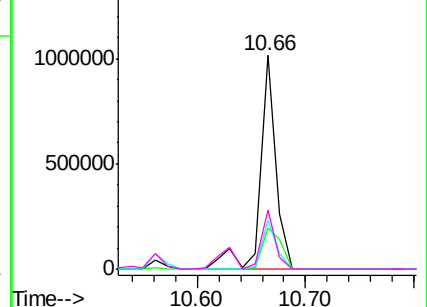


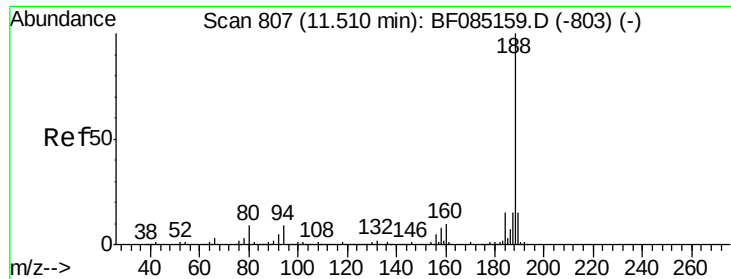
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

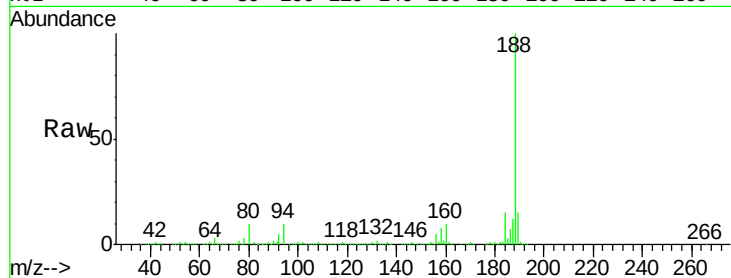
Tgt Ion:188 Resp: 575587

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

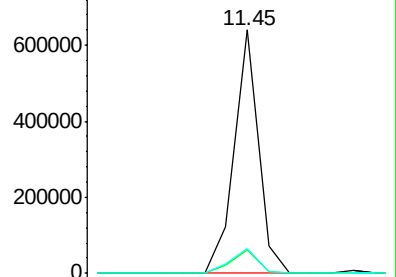
80 10.0 7.4 11.0



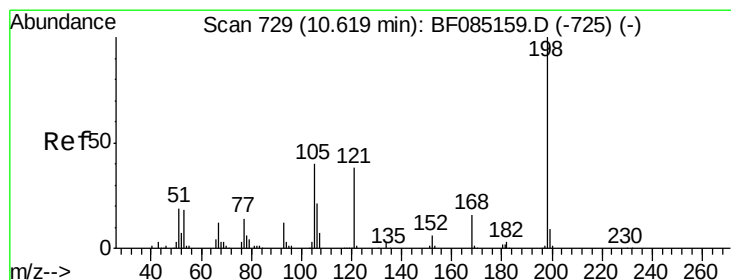
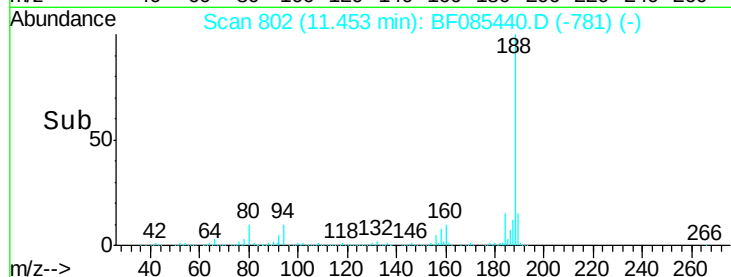
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.02 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

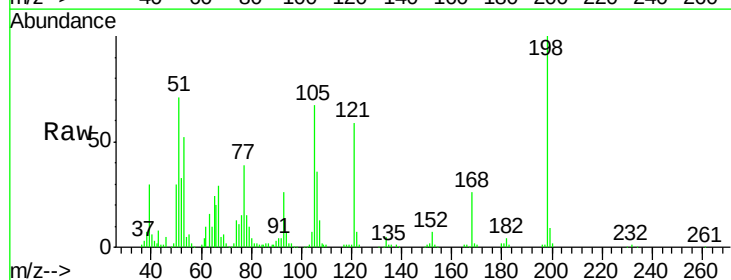
Tgt Ion:198 Resp: 141357

Ion Ratio Lower Upper

198 100

51 70.7 9.5 49.5#

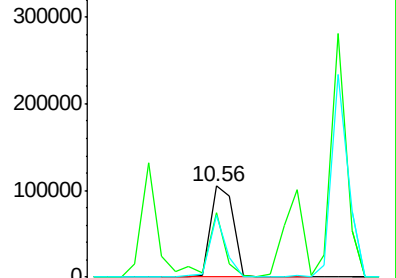
105 67.4 20.5 60.5#



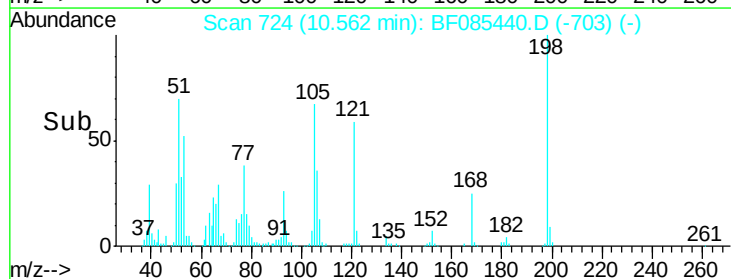
Abundance Ion 198.00 (197.70 to 198.70): E

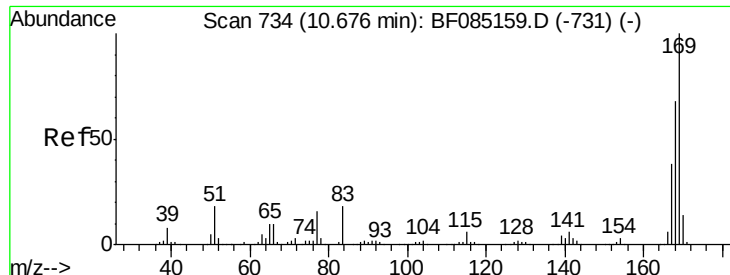
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

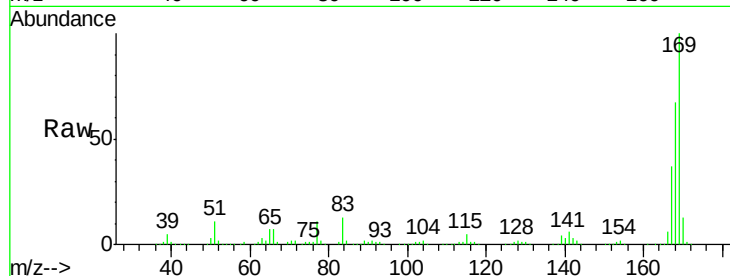




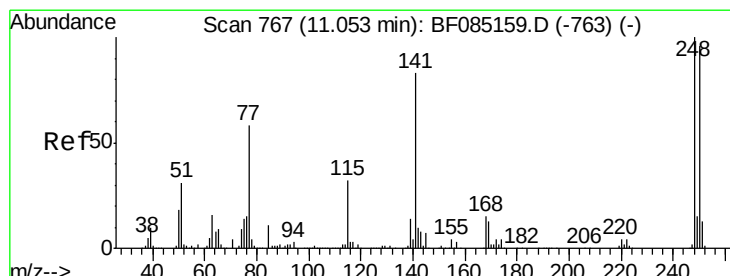
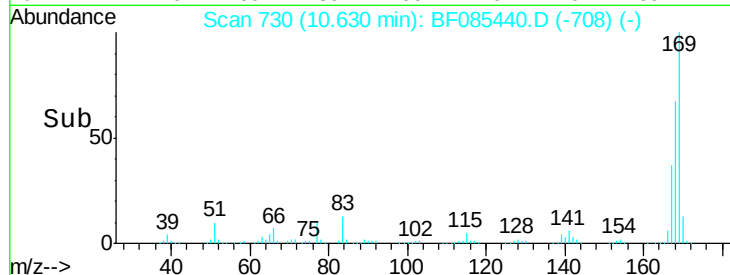
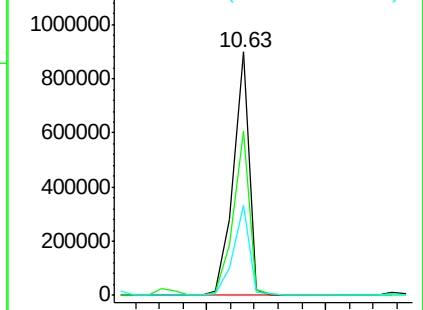
#65
 n-Nitrosodiphenylamine
 Concen: 46.64 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:169 Resp: 834910
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.8 82.2
 167 37.2 30.3 45.5

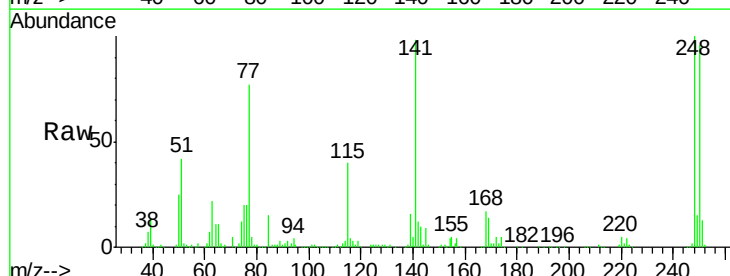


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

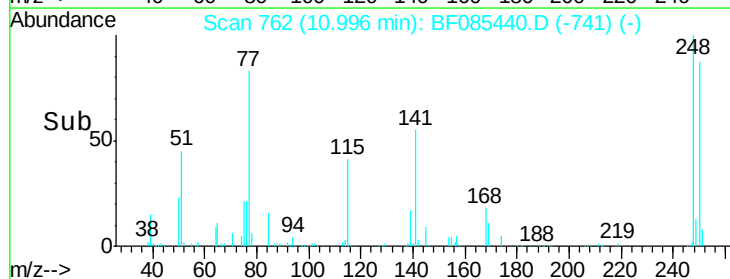
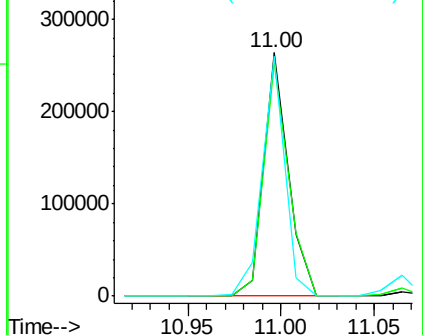


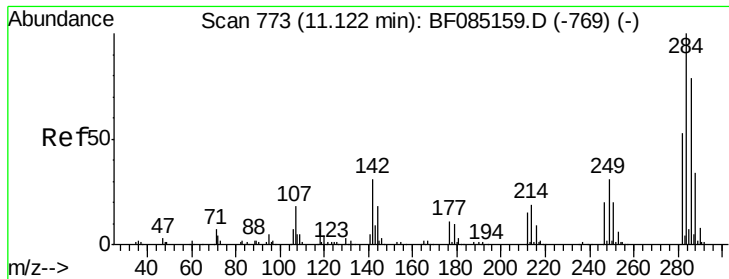
#66
 4-Bromophenyl-phenylether
 Concen: 42.90 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:248 Resp: 239753
 Ion Ratio Lower Upper
 248 100
 250 95.6 77.1 115.7
 141 98.5 66.2 99.2



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: 44.31 ng

RT: 11.06 min Scan# 768

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

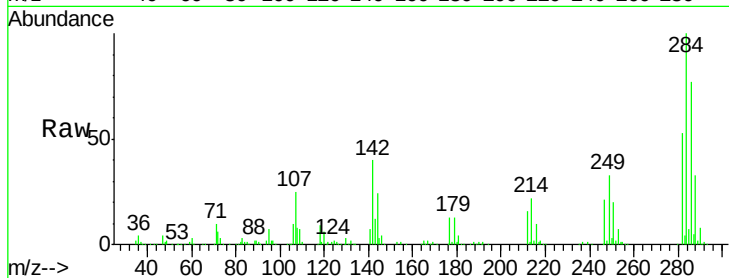
Tgt Ion:284 Resp: 264176

Ion Ratio Lower Upper

284 100

142 40.3 24.9 37.3#

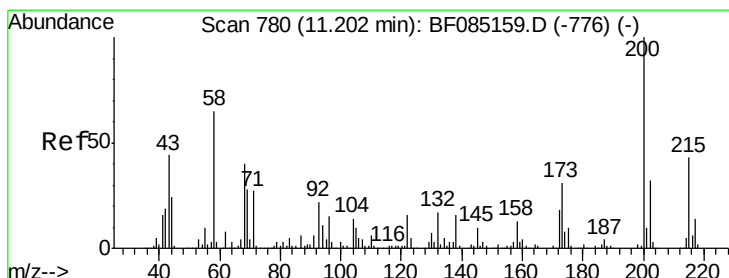
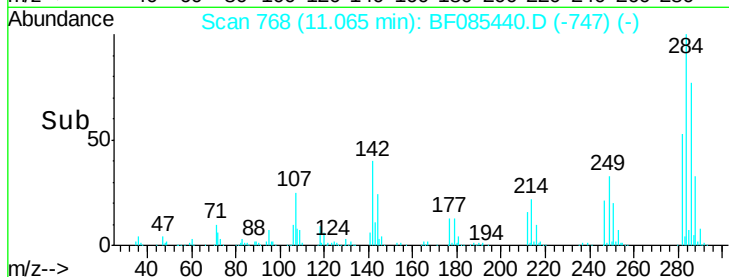
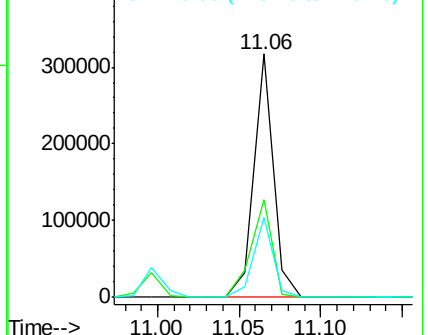
249 32.7 25.0 37.4



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: 52.69 ng

RT: 11.16 min Scan# 776

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

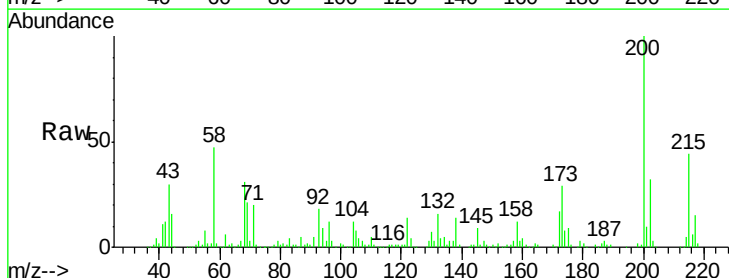
Tgt Ion:200 Resp: 262321

Ion Ratio Lower Upper

200 100

173 29.2 10.5 50.5

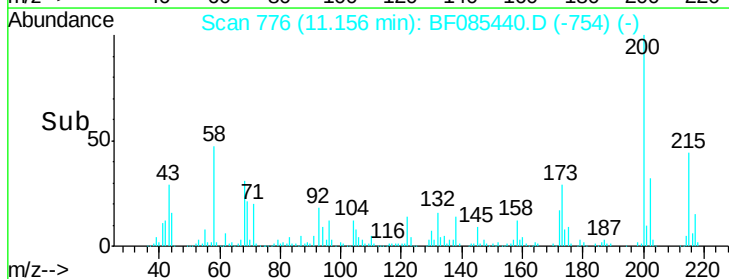
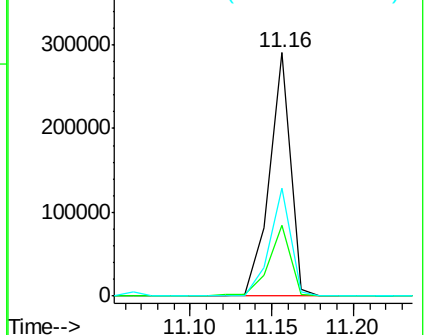
215 44.3 23.4 63.4

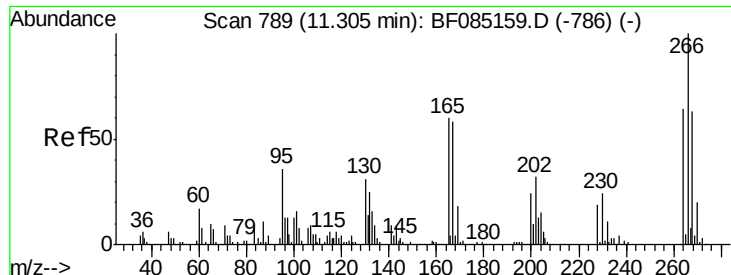


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

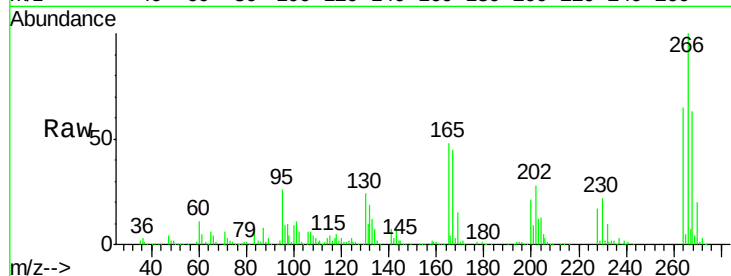




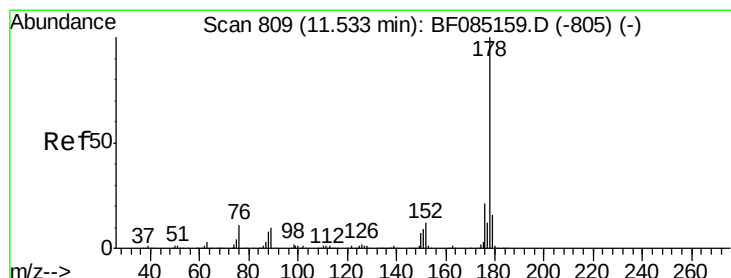
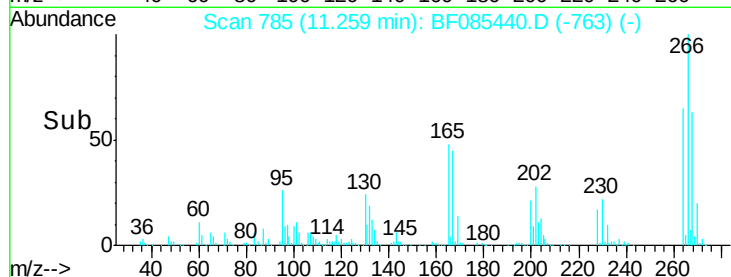
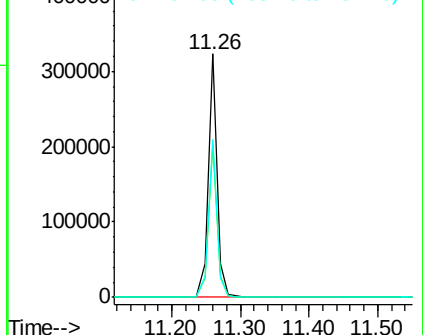
#69
 Pentachlorophenol
 Concen: 88.06 ng
 RT: 11.26 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

Tgt Ion:266 Resp: 291452
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.0 75.0
 264 64.8 51.4 77.2

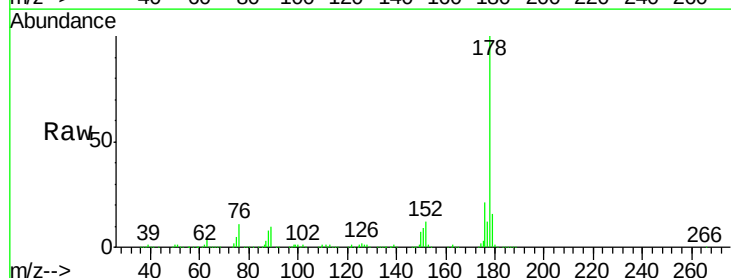


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

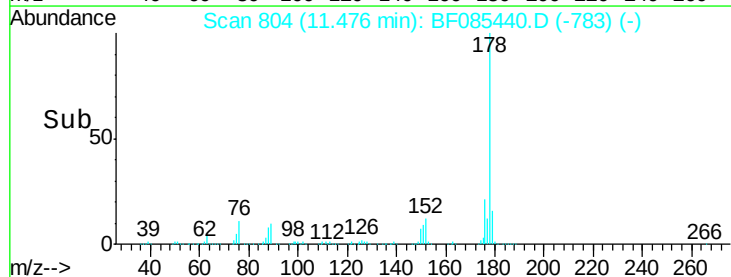
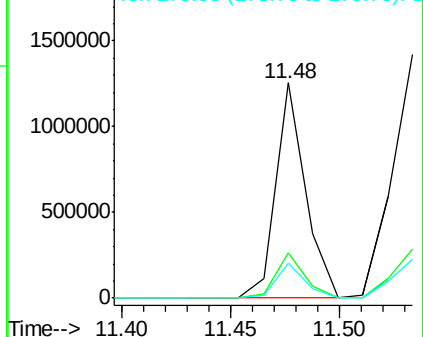


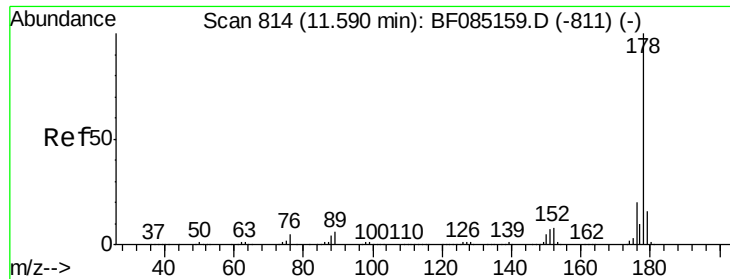
#70
 Phenanthrene
 Concen: 39.87 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:178 Resp: 1202777
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.8 25.2
 179 16.3 13.1 19.7



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

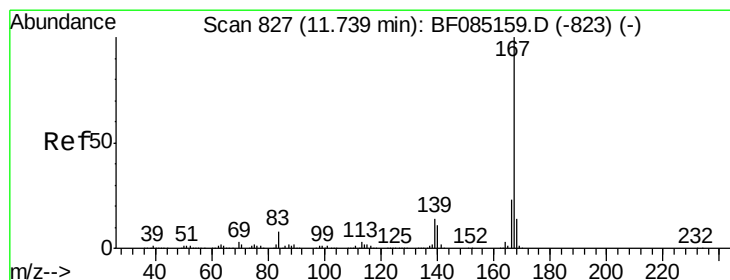
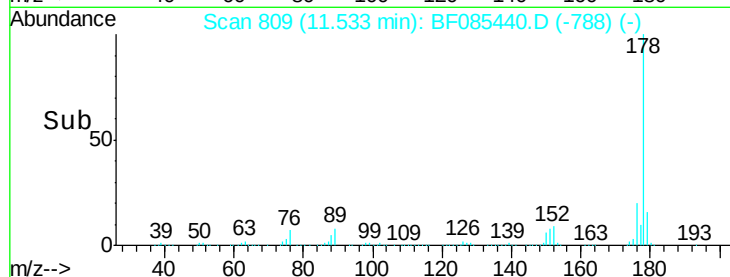
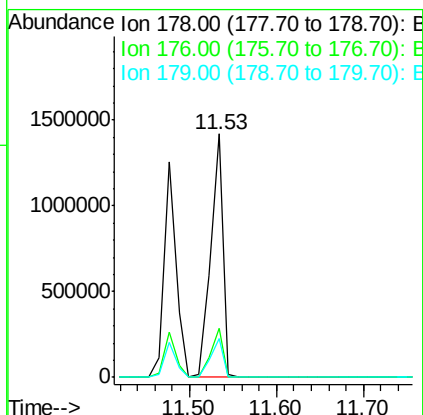
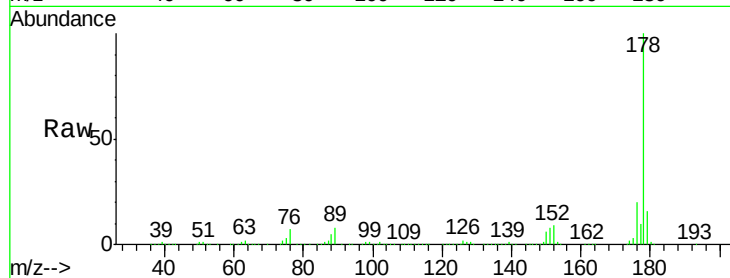




#71
 Anthracene
 Concen: 43.98 ng
 RT: 11.53 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

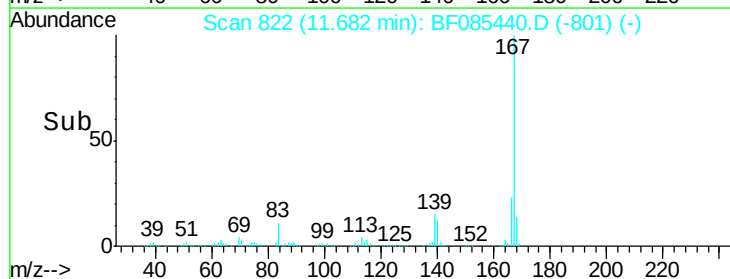
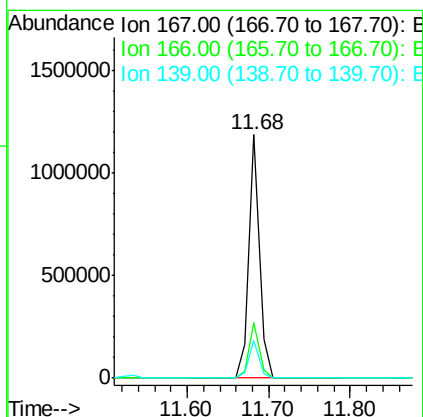
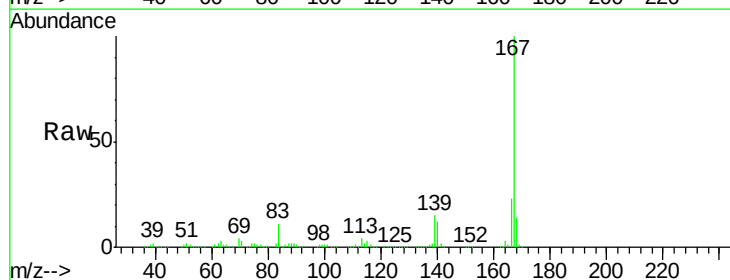
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

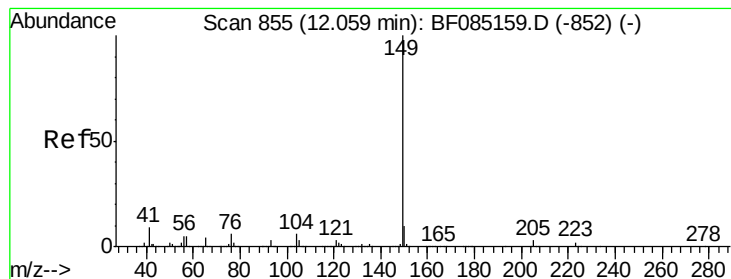
Tgt Ion:178 Resp: 1408460
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 37.91 ng
 RT: 11.68 min Scan# 822
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:167 Resp: 1064435
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 15.4 11.4 17.0





#73

Di-n-butylphthalate

Concen: 43.00 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

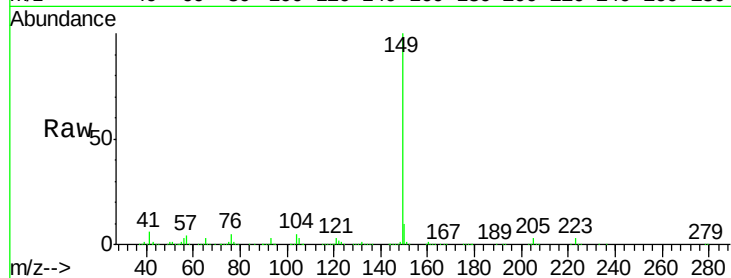
Tgt Ion:149 Resp: 1526390

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

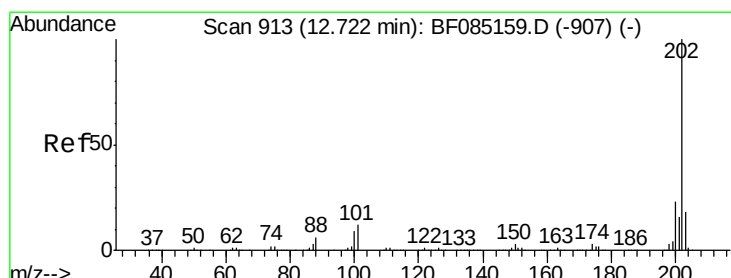
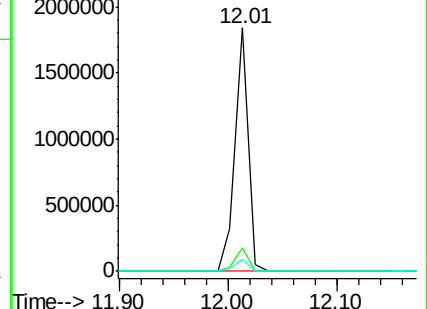
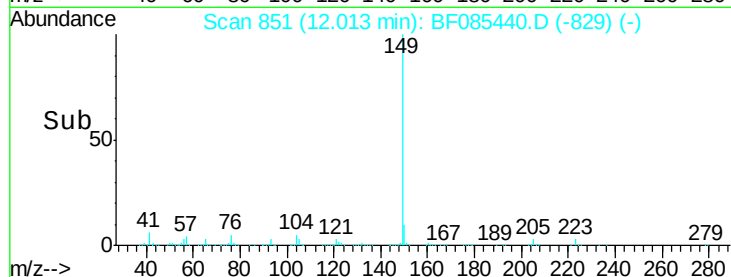
104 5.1 4.7 7.1



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: 39.08 ng

RT: 12.66 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

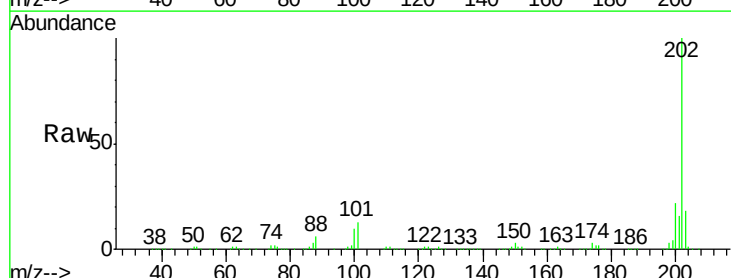
Tgt Ion:202 Resp: 1183144

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.8

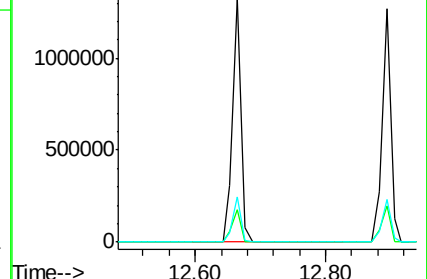
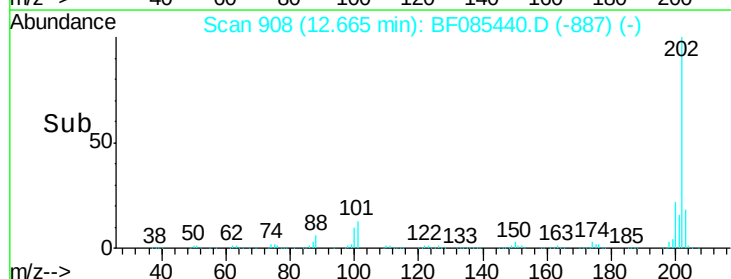
203 18.3 0.0 38.4

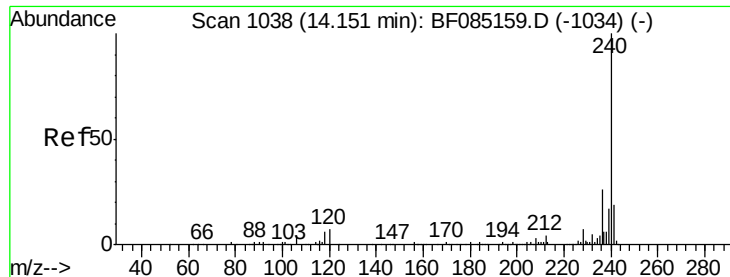


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

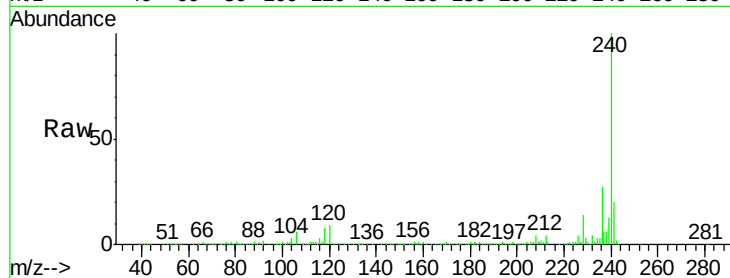
Tgt Ion:240 Resp: 320884

Ion Ratio Lower Upper

240 100

120 9.2 5.3 7.9#

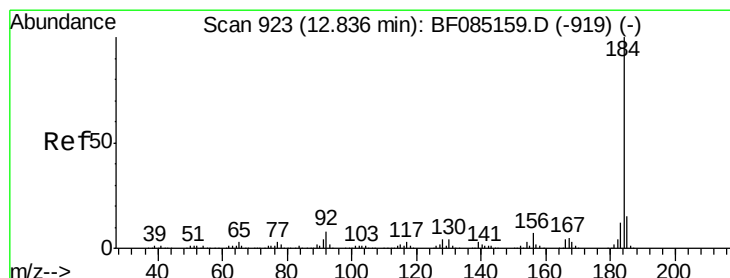
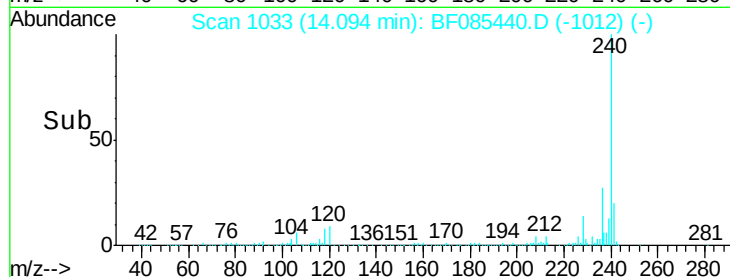
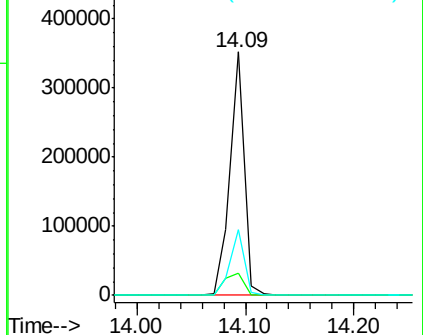
236 26.8 20.7 31.1



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: 41.18 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

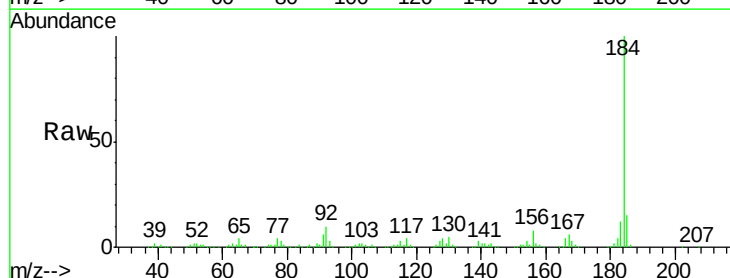
Tgt Ion:184 Resp: 393250

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

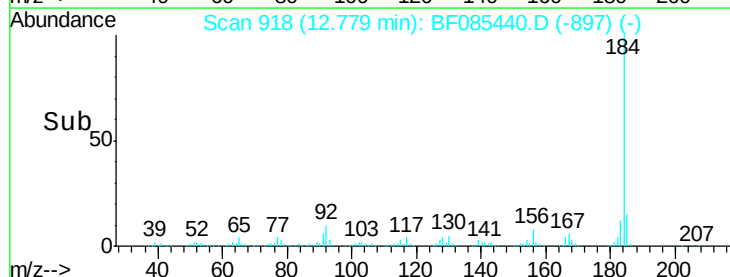
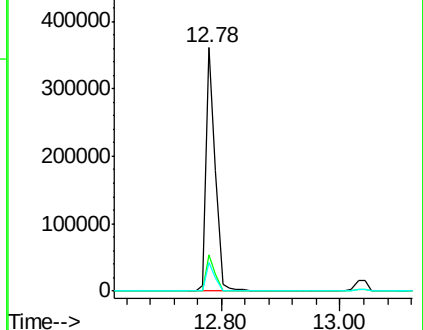
183 11.6 9.4 14.2

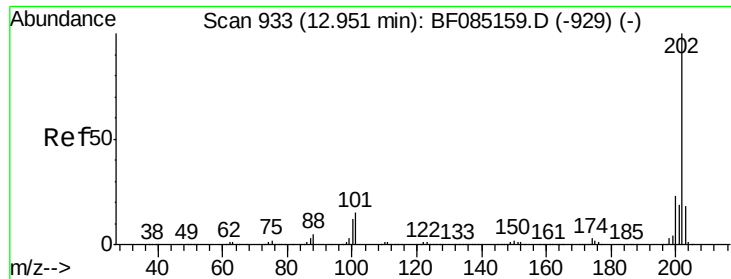


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

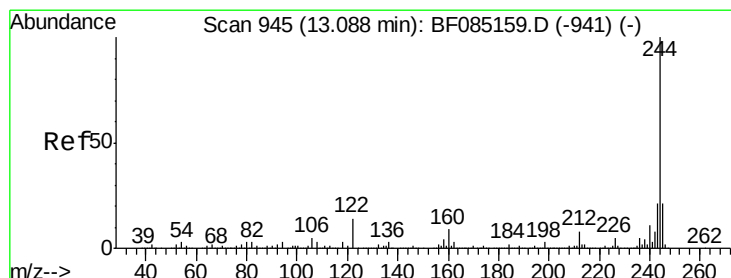
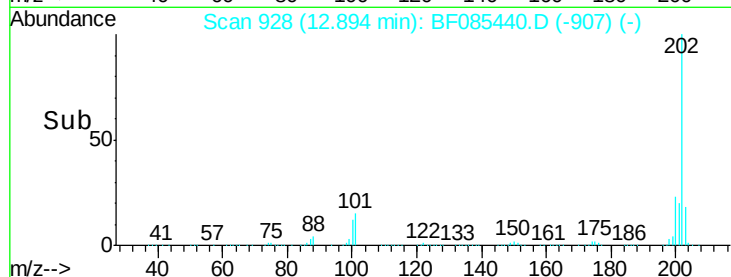
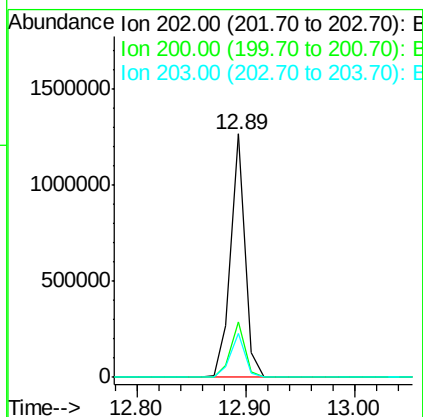
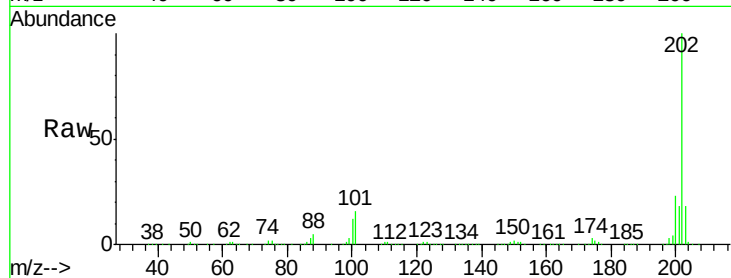




#77
 Pyrene
 Concen: 47.71 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

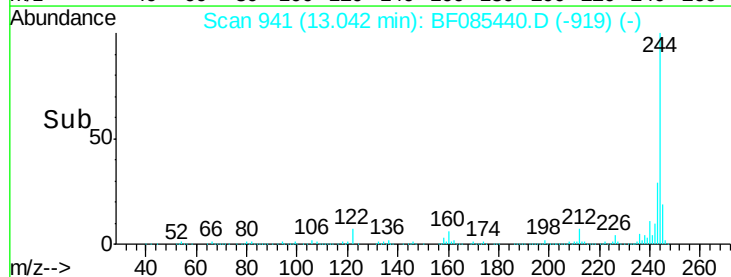
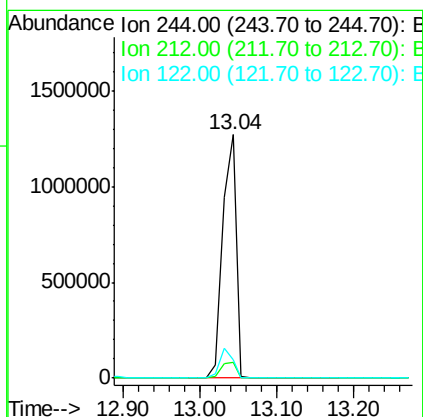
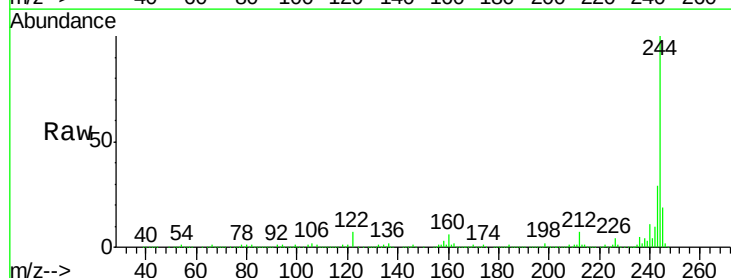
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

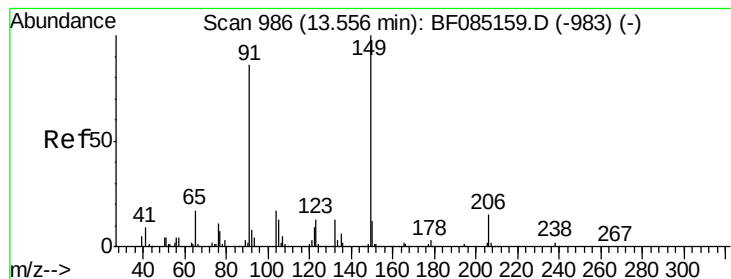
Tgt Ion:202 Resp: 1152393
 Ion Ratio Lower Upper
 202 100
 200 22.7 18.2 27.4
 203 18.1 14.7 22.1



#78
 Terphenyl-d14
 Concen: 114.27 ng
 RT: 13.04 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion:244 Resp: 1579598
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 7.4 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 53.42 ng

RT: 13.51 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

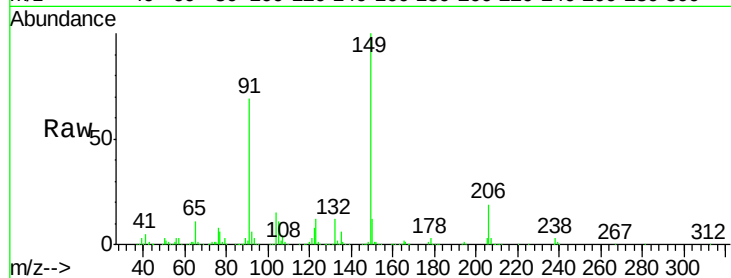
Tgt Ion:149 Resp: 585360

Ion Ratio Lower Upper

149 100

91 69.0 69.0 103.4

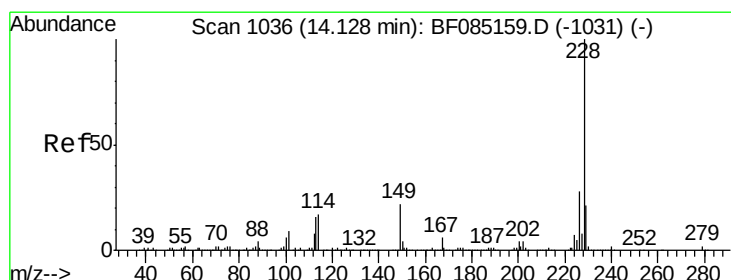
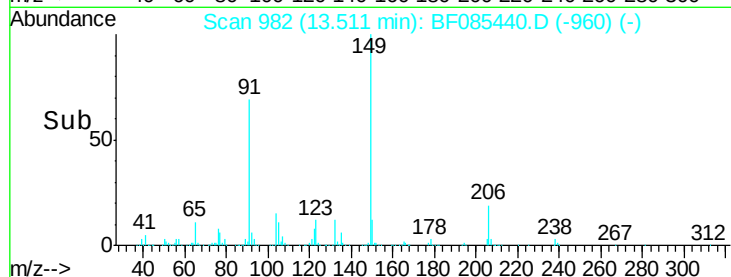
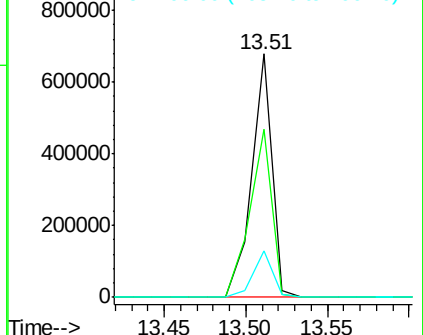
206 19.0 12.3 18.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.66 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

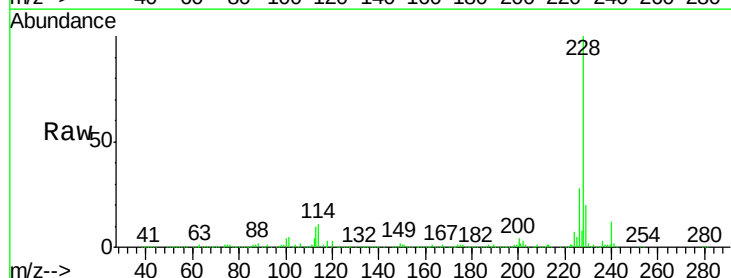
Tgt Ion:228 Resp: 800288

Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

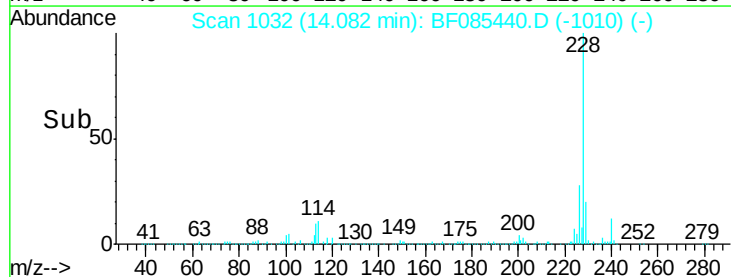
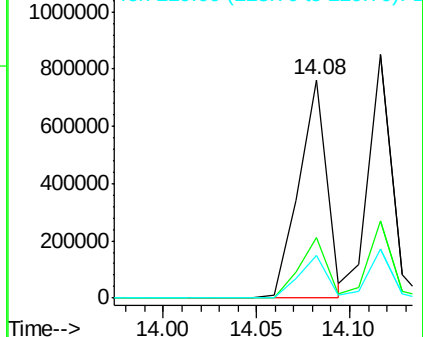
229 19.7 16.6 24.8

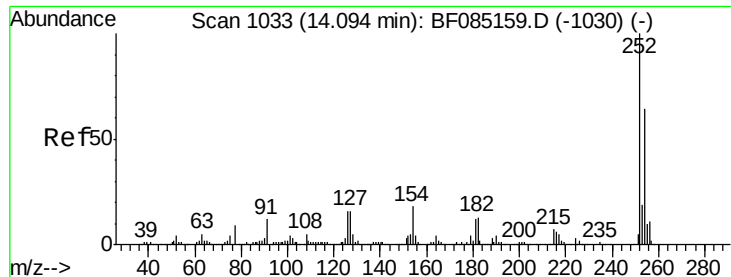


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

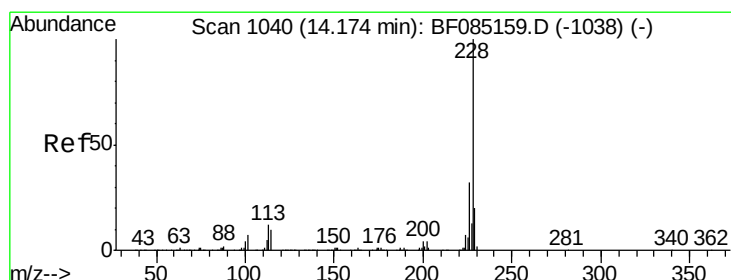
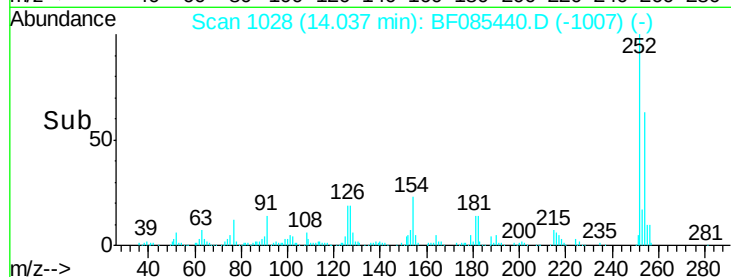
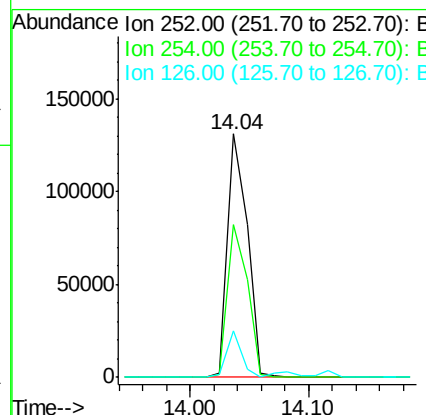
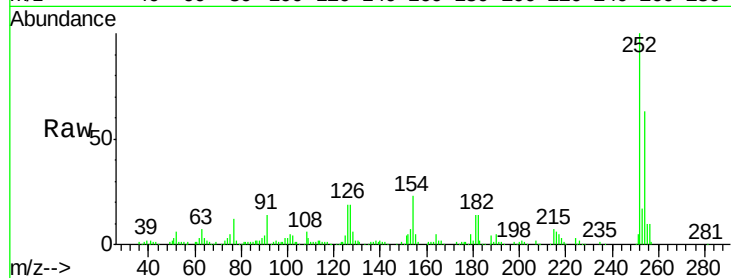




#81
 3,3'-Dichlorobenzidine
 Concen: 24.94 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

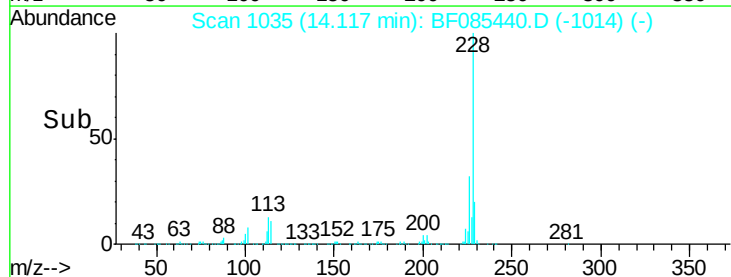
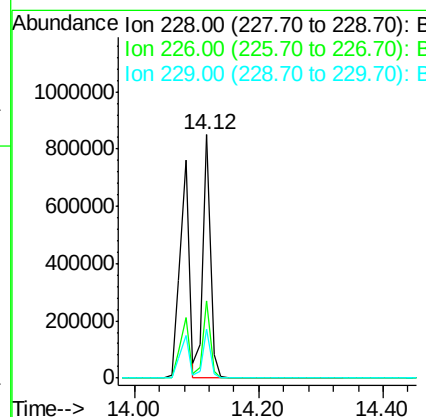
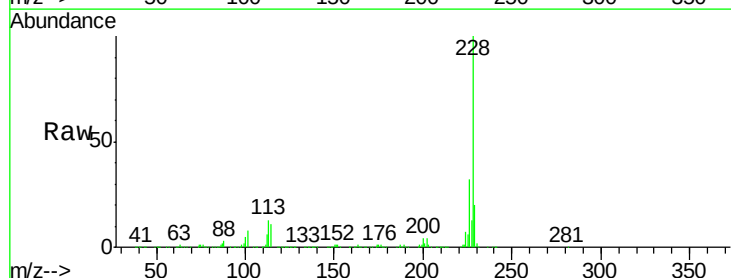
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

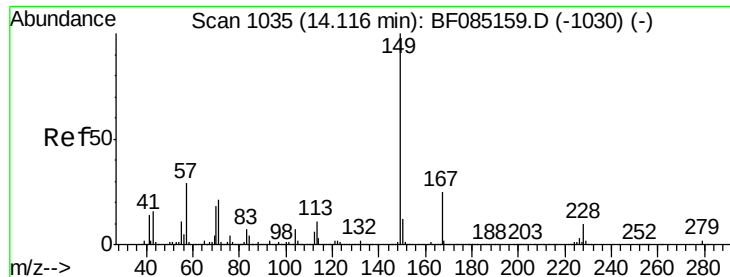
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.4	77.0
126	19.1	12.9	19.3



#82
 Chrysene
 Concen: 41.45 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	20.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.06 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

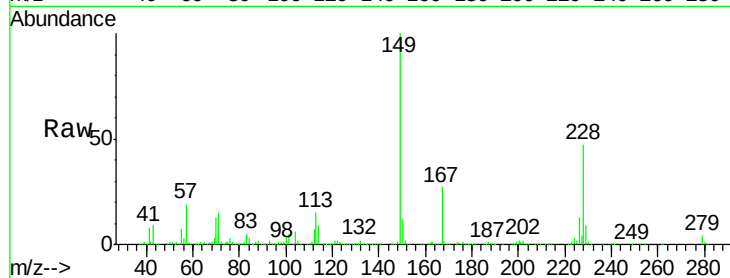
Tgt Ion:149 Resp: 721876

Ion Ratio Lower Upper

149 100

167 27.3 20.3 30.5

279 4.2 1.9 2.9#



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

1000000

800000

600000

400000

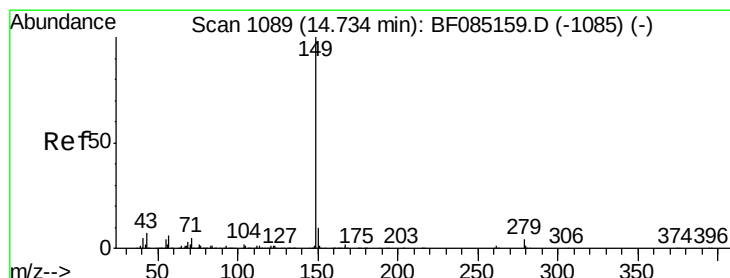
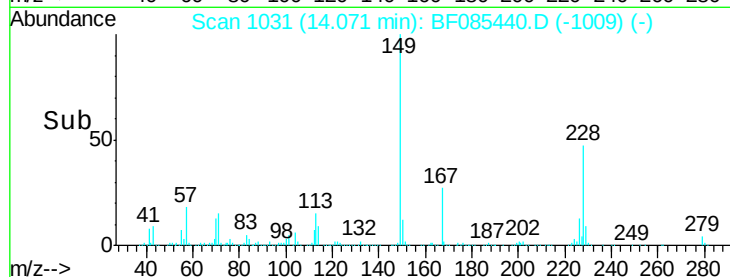
200000

0

14.07

14.05 14.10

Time-->



#84

Di-n-octyl phthalate

Concen: 47.35 ng

RT: 14.68 min Scan# 1084

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

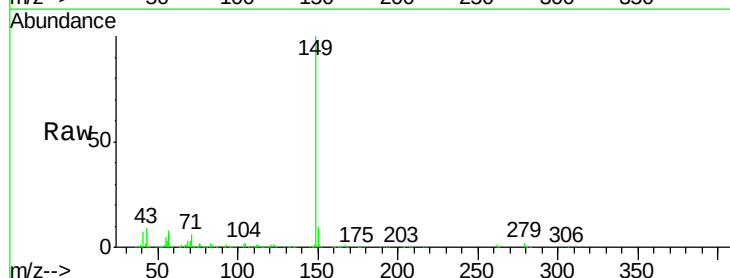
Tgt Ion:149 Resp: 1039907

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 9.0 7.8 11.8



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

1500000

1000000

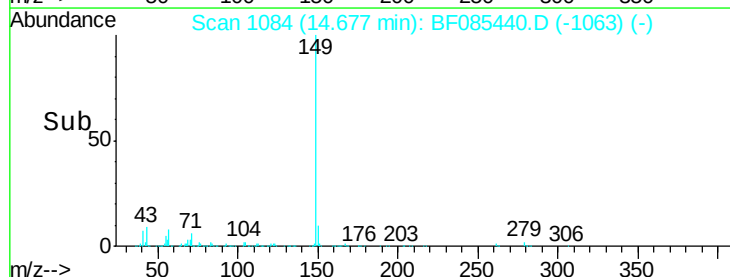
500000

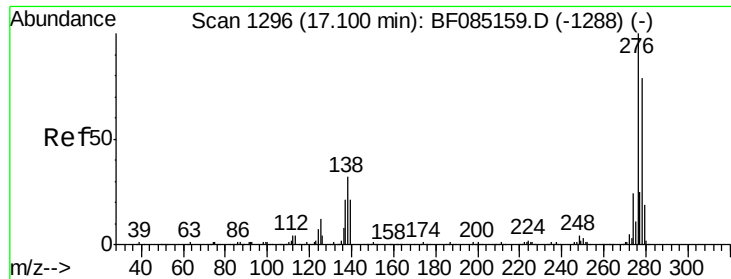
0

14.68

14.60 14.70 14.80 14.90

Time-->

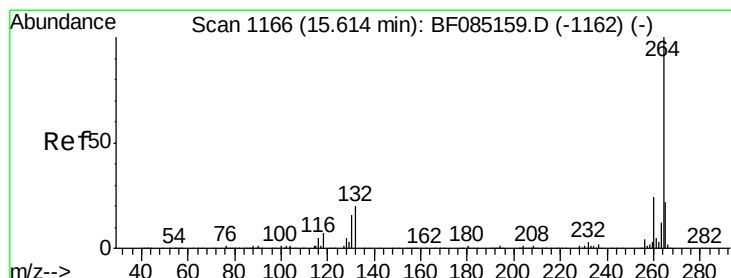
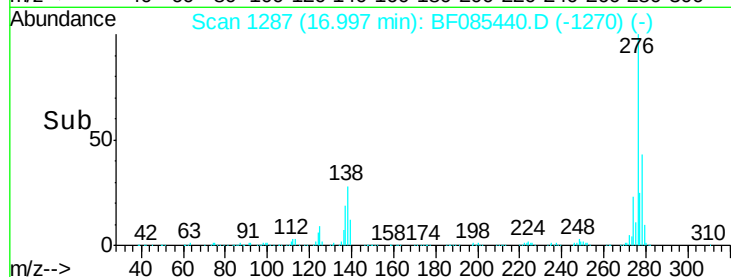
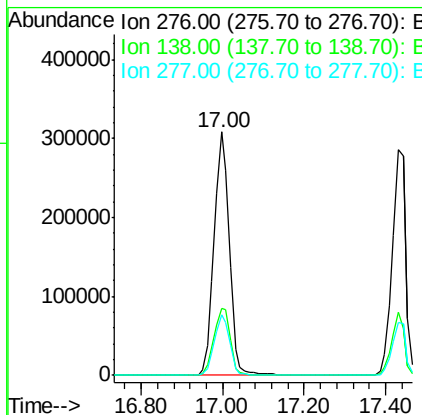
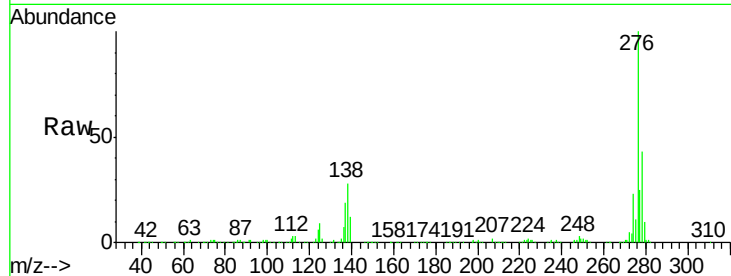




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.14 ng
 RT: 17.00 min Scan# 1287
 Delta R.T. -0.10 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

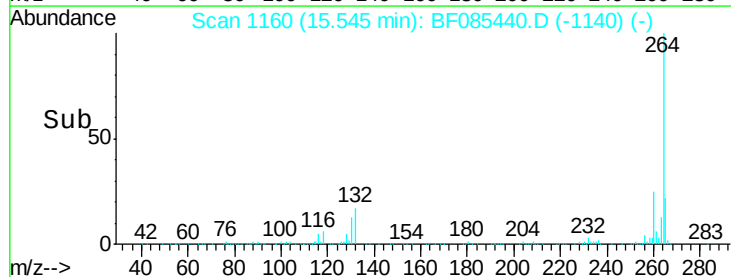
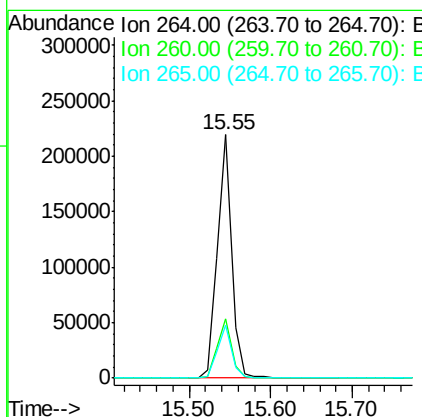
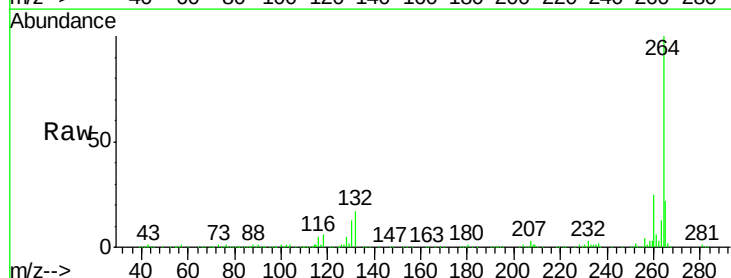
Instrument :
 BNA_F
 ClientSampleId :
 PB88851BS

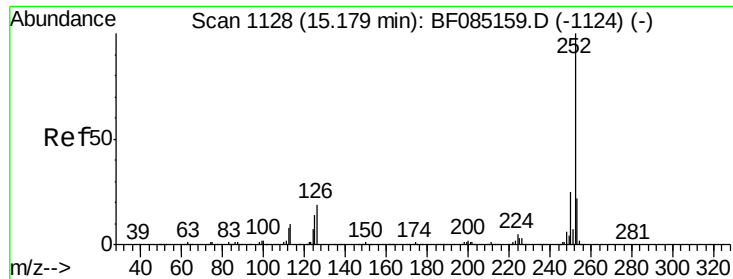
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	26.4	39.6
277	25.1	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF085440.D
 Acq: 14 Mar 2016 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.39 ng

RT: 15.12 min Scan# 1123

Delta R.T. -0.06 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

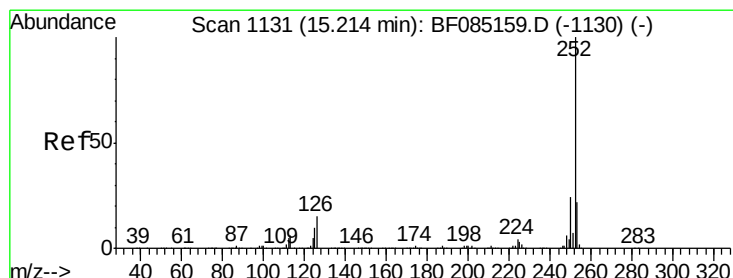
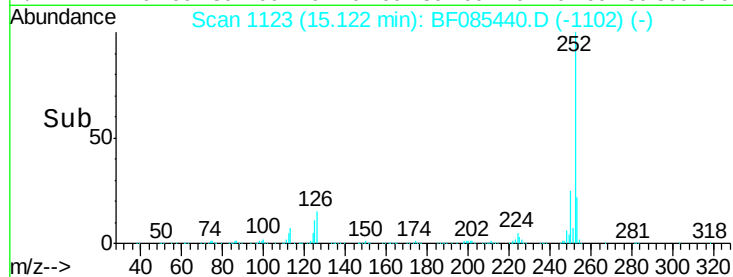
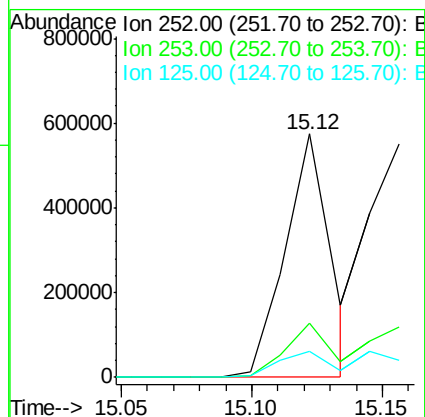
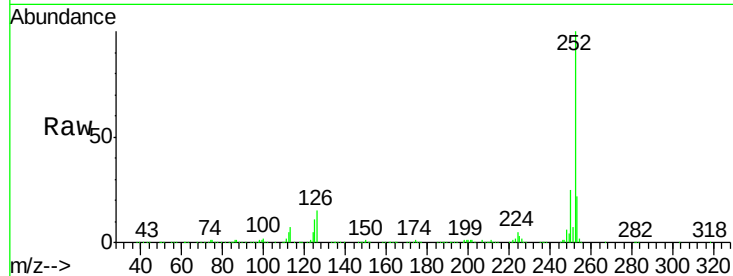
Instrument :

BNA_F

ClientSampleId :

PB88851BS

Tgt Ion:	252	Resp:	686118
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.9	11.3	16.9#



#88

Benzo(k)fluoranthene

Concen: 47.60 ng

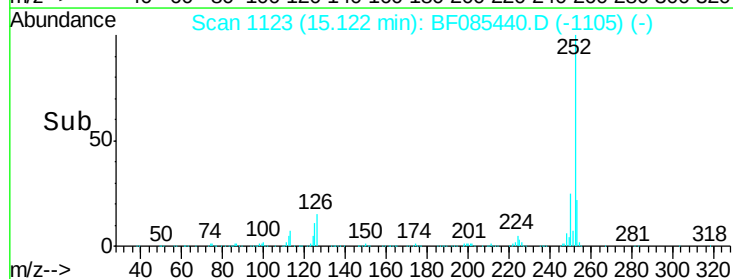
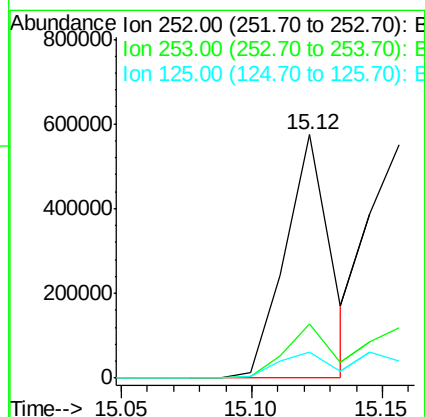
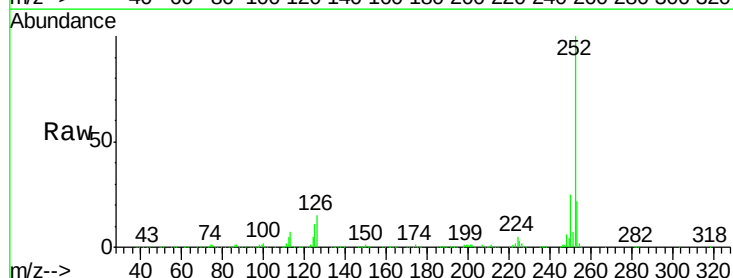
RT: 15.12 min Scan# 1123

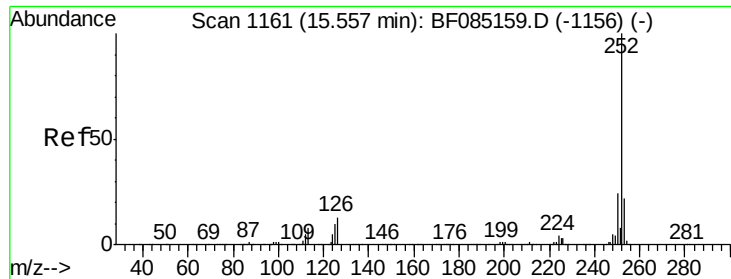
Delta R.T. -0.09 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Tgt Ion:	252	Resp:	686118
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.9	10.4	15.6





#89

Benzo(a)pyrene

Concen: 45.38 ng

RT: 15.49 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS

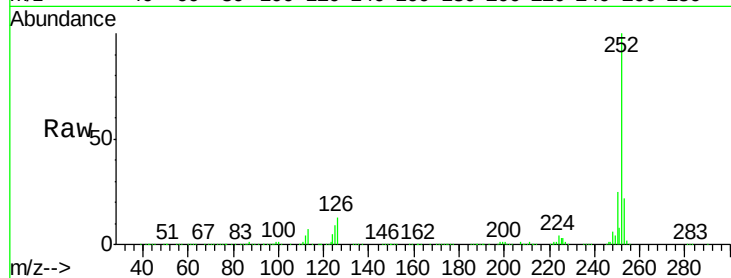
Tgt Ion:252 Resp: 671986

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

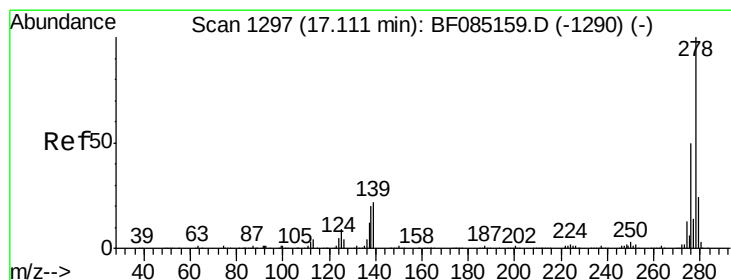
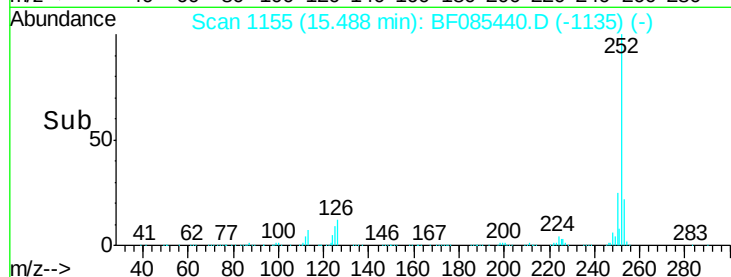
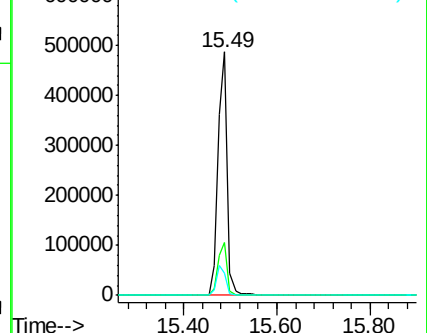
125 9.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.59 ng

RT: 17.02 min Scan# 1289

Delta R.T. -0.09 min

Lab File: BF085440.D

Acq: 14 Mar 2016 20:30

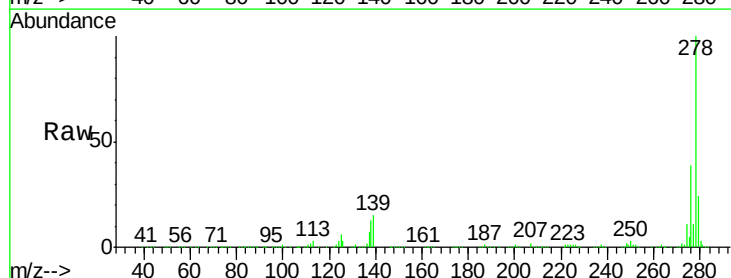
Tgt Ion:278 Resp: 677468

Ion Ratio Lower Upper

278 100

139 14.8 17.3 25.9#

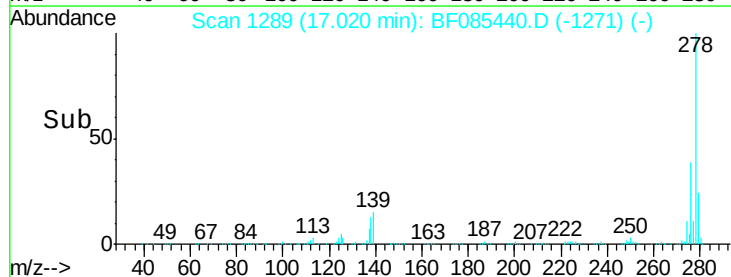
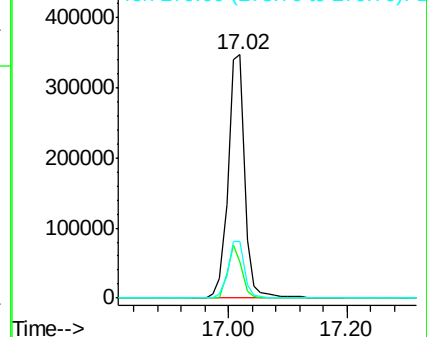
279 23.5 19.2 28.8

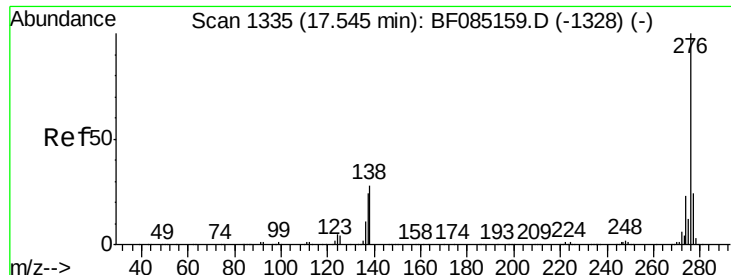


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.33 ng

RT: 17.43 min Scan# 1325

Delta R.T. -0.11 min

Lab File: BF085440.D

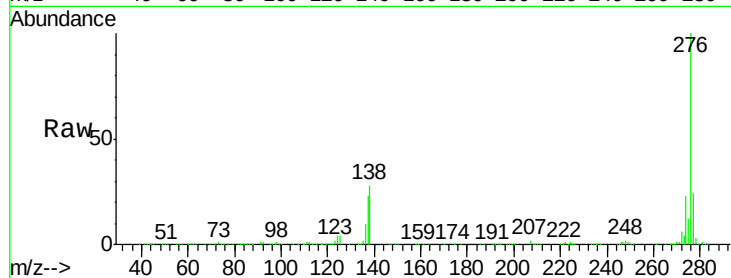
Acq: 14 Mar 2016 20:30

Instrument :

BNA_F

ClientSampleId :

PB88851BS



Tgt Ion:	276	Resp:	665145
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	27.7	22.5	33.7

