

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085083.D
 Acq On : 17 Feb 2016 12:47
 Operator : SJ/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 14:28:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 14:23:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	229168	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	805492	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	433402	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	852802	20.00	ng	0.00
75) Chrysene-d12	14.15	240	795612	20.00	ng	-0.01
86) Perylene-d12	15.62	264	790179	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	274248	20.93	ng	0.00
7) Phenol-d6	6.59	99	324762	18.59	ng	-0.02
23) Nitrobenzene-d5	7.55	82	248108	18.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	88347	19.74	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	648414	21.39	ng	-0.01
78) Terphenyl-d14	13.10	244	724109	18.73	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	60485	11.20	ng	87
3) Pyridine	3.48	79	159510	12.65	ng	90
4) n-Nitrosodimethylamine	3.40	42	71655	11.04	ng	92
6) Aniline	6.65	93	226492	12.55	ng	# 66
8) 2-Chlorophenol	6.76	128	146049	9.07	ng	93
9) Benzaldehyde	6.54	77	108732	11.56	ng	91
10) Phenol	6.62	94	175483	8.59	ng	# 37
11) bis(2-Chloroethyl)ether	6.72	93	159345	8.31	ng	95
12) 1,3-Dichlorobenzene	6.94	146	164507	10.27	ng	96
13) 1,4-Dichlorobenzene	7.00	146	161883	9.08	ng	96
14) 1,2-Dichlorobenzene	7.16	146	165808	9.89	ng	97
15) Benzyl Alcohol	7.12	79	115604	10.83	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	220454	8.19	ng	94
17) 2-Methylphenol	7.23	107	118923	10.20	ng	# 83
18) Hexachloroethane	7.51	117	56733	8.64	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	110497	10.04	ng	92
20) 3+4-Methylphenols	7.38	107	159053	10.80	ng	# 87
22) Acetophenone	7.39	105	228373	11.06	ng	97
24) Nitrobenzene	7.56	77	137408	9.22	ng	92
25) Isophorone	7.80	82	287095	11.73	ng	96
26) 2-Nitrophenol	7.88	139	30250	4.23	ng	# 80
27) 2,4-Dimethylphenol	7.92	122	146959	12.71	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	193594	12.75	ng	99
29) 2,4-Dichlorophenol	8.12	162	125891	11.98	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	138646	11.45	ng	98
31) Naphthalene	8.30	128	444611	11.39	ng	100
32) Benzoic acid	7.99	122	46497	9.14	ng	99
33) 4-Chloroaniline	8.34	127	195600	13.20	ng	97
34) Hexachlorobutadiene	8.42	225	86991	12.83	ng	94
35) Caprolactam	8.67	113	34364	12.17	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	138654	11.64	ng	94
37) 2-Methylnaphthalene	8.99	142	292327	11.73	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	152046	10.86	ng	98
40) Hexachlorocyclopentadiene	9.14	237	60853	13.07	ng	96

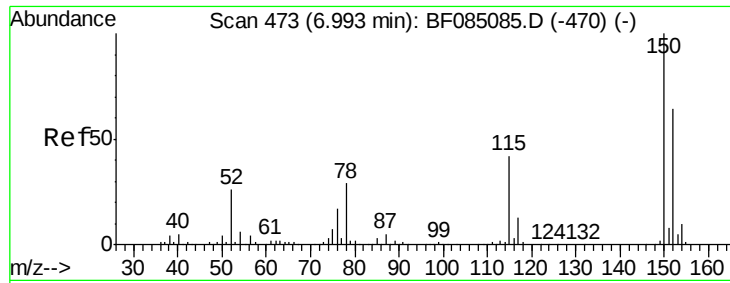
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085083.D
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 Operator : SJ/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	83251	10.78	nq	90
43) 2,4,5-Trichlorophenol	9.29	196	86540	9.63	nq	# 90
45) 1,1'-Biphenyl	9.45	154	405152	10.28	nq	98
46) 2-Chloronaphthalene	9.47	162	277367	9.93	nq	99
47) 2-Nitroaniline	9.56	65	54315	6.30	nq	86
48) Acenaphthylene	9.90	152	469470	10.59	nq	98
49) Dimethylphthalate	9.75	163	344320	10.60	nq	# 99
50) 2,6-Dinitrotoluene	9.80	165	54163	8.12	nq	# 84
51) Acenaphthene	10.07	154	285343	10.64	nq	98
52) 3-Nitroaniline	9.98	138	60098	8.11	nq	# 86
53) 2,4-Dinitrophenol	10.08	184	7980	3.61	nq	# 71
54) Dibenzofuran	10.24	168	393806	10.98	nq	90
55) 4-Nitrophenol	10.11	139	49030	10.32	nq	94
56) 2,4-Dinitrotoluene	10.20	165	64762	7.13	nq	# 89
57) Fluorene	10.58	166	339806	11.05	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	70928	9.98	nq	94
59) Diethylphthalate	10.44	149	333132	10.35	nq	100
60) 4-Chlorophenyl-phenylether	10.57	204	167520	11.36	nq	99
61) 4-Nitroaniline	10.58	138	60580	8.90	nq	90
62) Azobenzene	10.73	77	317810	10.24	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	13906	3.06	nq	# 71
65) n-Nitrosodiphenylamine	10.68	169	301527	11.14	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	107606	11.33	nq	93
67) Hexachlorobenzene	11.13	284	111396	10.97	nq	# 73
68) Atrazine	11.21	200	79655	10.15	nq	94
69) Pentachlorophenol	11.31	266	53770	13.77	nq	97
70) Phenanthrene	11.54	178	493751	10.50	nq	99
71) Anthracene	11.59	178	487488	9.92	nq	98
72) Carbazole	11.74	167	420638	10.34	nq	99
73) Di-n-butylphthalate	12.08	149	484398	9.07	nq	98
74) Fluoranthene	12.73	202	517758	11.05	nq	97
76) Benzidine	12.85	184	294283	21.01	nq	100
77) Pyrene	12.96	202	550757	8.65	nq	98
79) Butylbenzylphthalate	13.58	149	156360	5.84	nq	# 80
80) Benzo(a)anthracene	14.14	228	513728	11.15	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	184514	13.78	nq	# 98
82) Chrysene	14.18	228	472919	10.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	270179	7.68	nq	# 97
84) Di-n-octyl phthalate	14.74	149	434876	8.70	nq	100
85) Indeno(1,2,3-cd)pyrene	17.11	276	493129	13.28	nq	99
87) Benzo(b)fluoranthene	15.19	252	562606	10.86	nq	# 96
88) Benzo(k)fluoranthene	15.19	252	562606	13.59	nq	97
89) Benzo(a)pyrene	15.57	252	446287	10.19	nq	100
90) Dibenzo(a,h)anthracene	17.12	278	407543	9.80	nq	97
91) Benzo(g,h,i)perylene	17.55	276	408104	9.45	nq	97

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

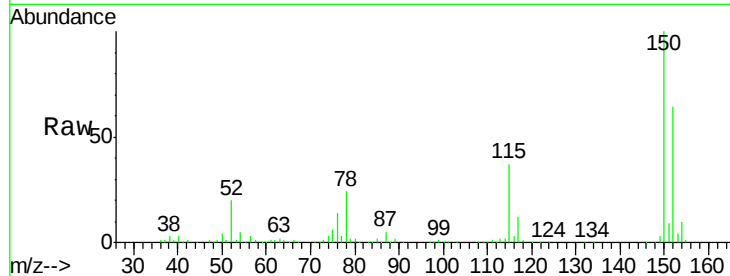


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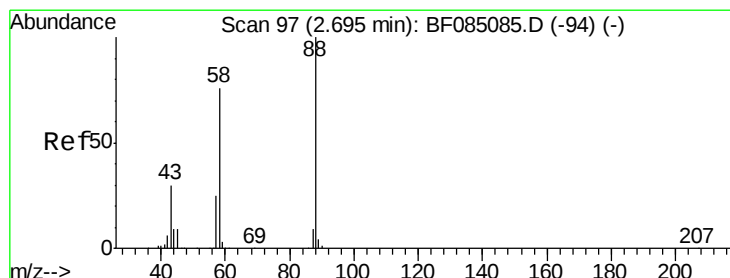
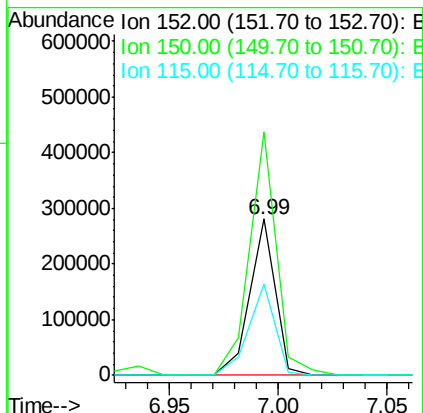
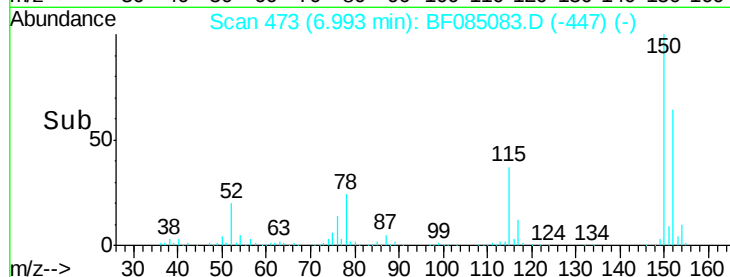
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.2
115	58.4	50.5	75.7



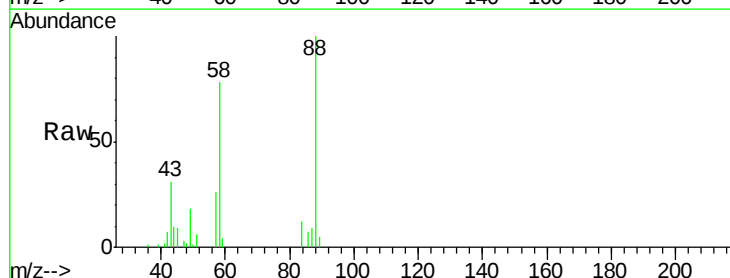
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



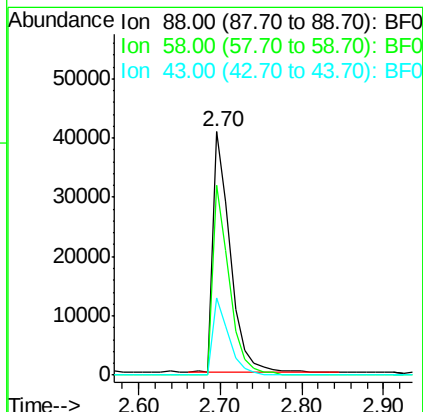
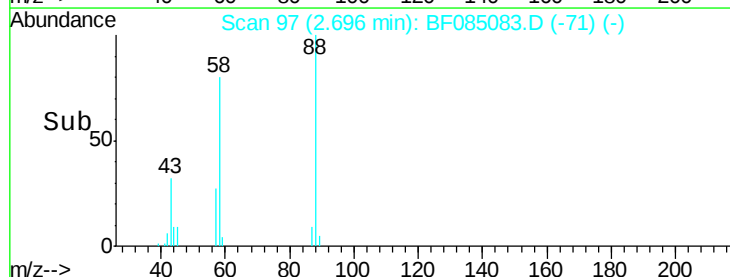
#2

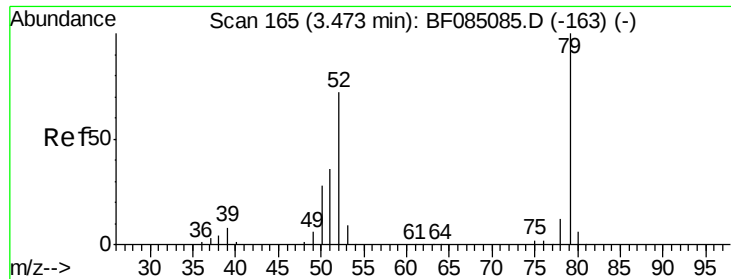
1,4-Dioxane
Concen: 11.20 ng
RT: 2.70 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	70.9	106.3
43	29.0	25.9	38.9



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





#3

Pvridine

Concen: 12.65 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampleId :

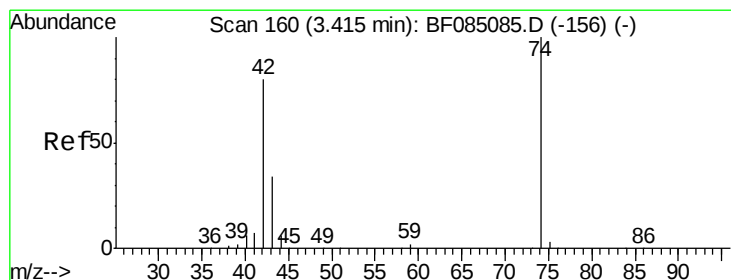
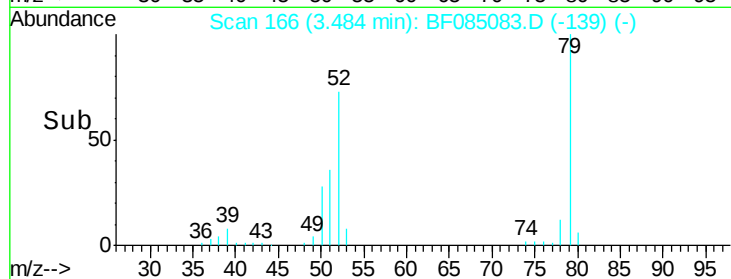
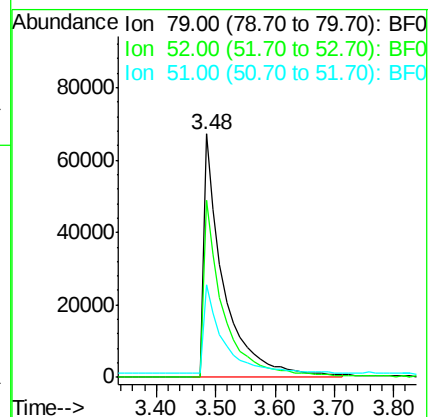
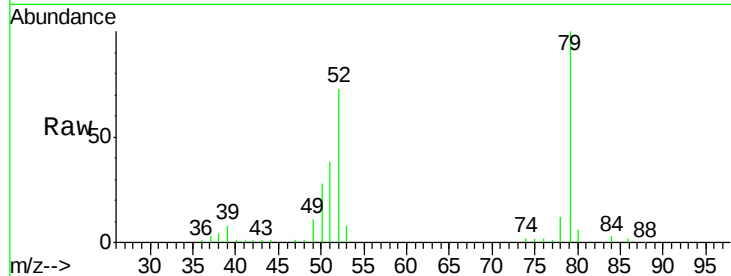
Tot Ion: 79 Resp: 159510

Ion Ratio Lower Upper

79 100

52 72.9 67.1 100.7

51 38.2 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 11.04 ng

RT: 3.40 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

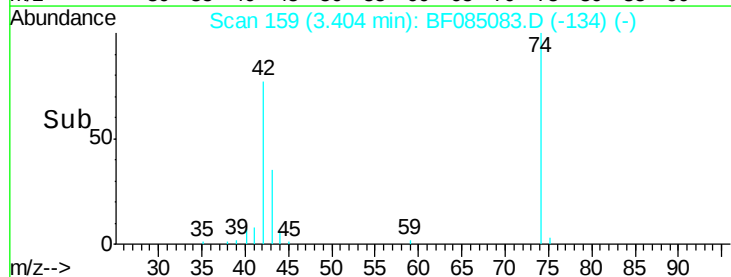
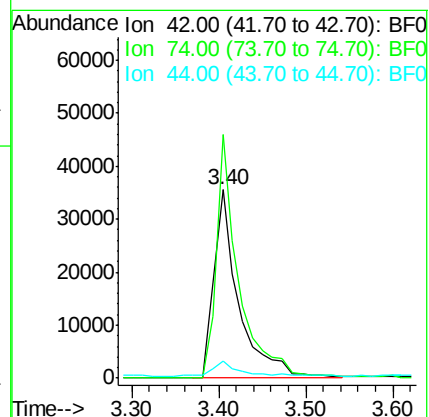
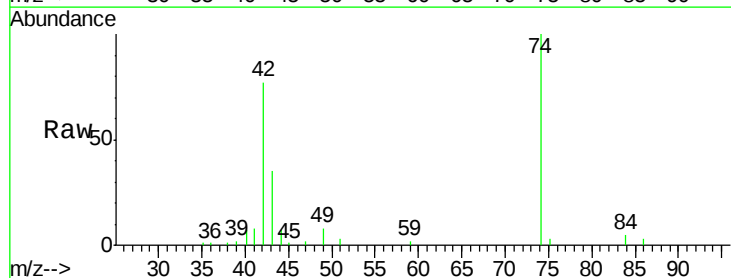
Tgt Ion: 42 Resp: 71655

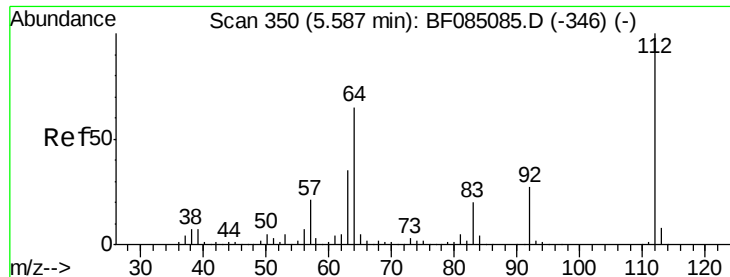
Ion Ratio Lower Upper

42 100

74 129.2 96.2 144.4

44 9.1 7.0 10.4





#5

2-Fluorophenol

Concen: 20.93 ng

RT: 5.59 min Scan# 350

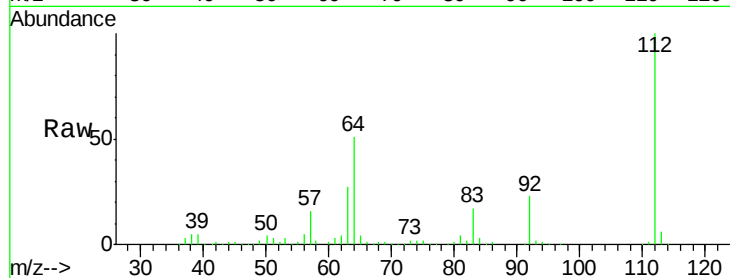
Delta R.T. 0.00 min

Lab File: BF085083.D

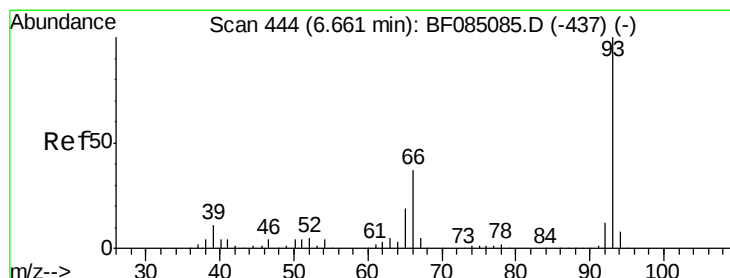
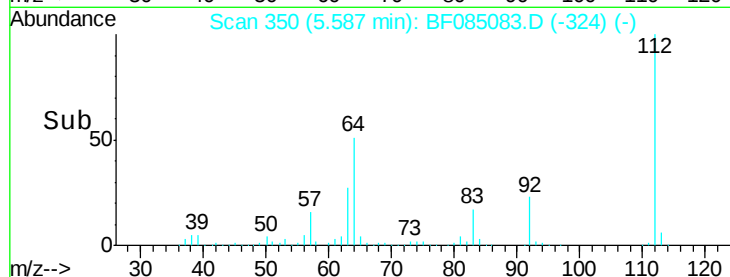
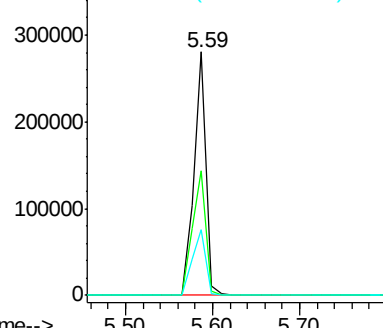
Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	274248
Ion	Ratio	Lower	Upper
112	100		
64	51.0	45.4	68.2
63	26.7	23.2	34.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.55 ng

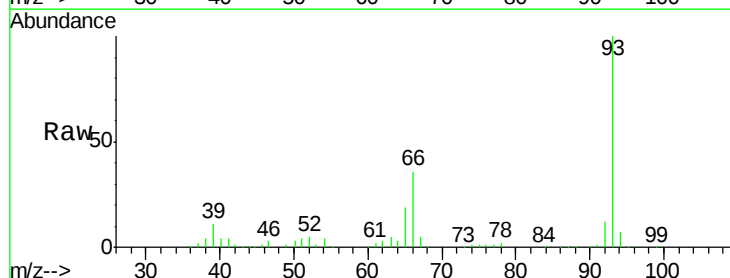
RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

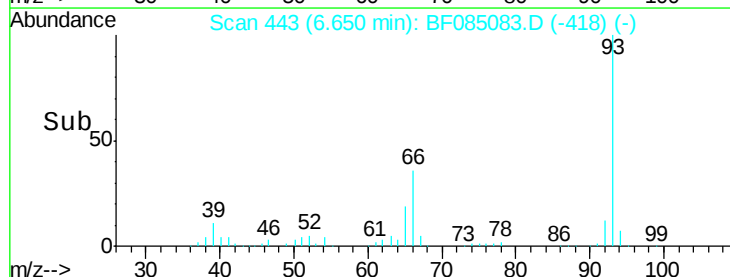
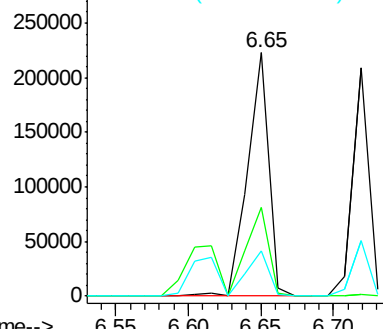
Lab File: BF085083.D

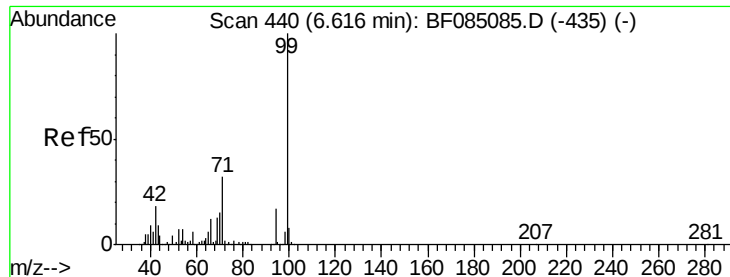
Acq: 17 Feb 2016 12:47

Tgt Ion:	93	Resp:	226492
Ion	Ratio	Lower	Upper
93	100		
66	36.3	51.8	77.8#
65	18.7	28.5	42.7#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 18.59 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

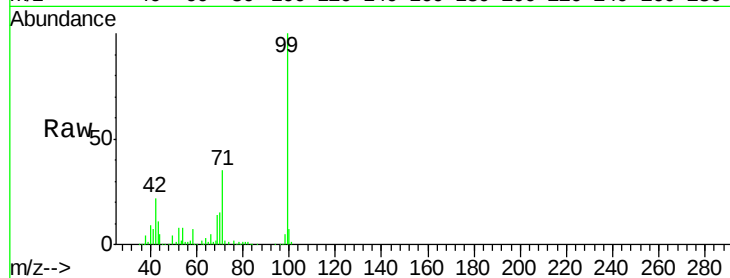
Tot Ion: 99 Resp: 324762

Ion Ratio Lower Upper

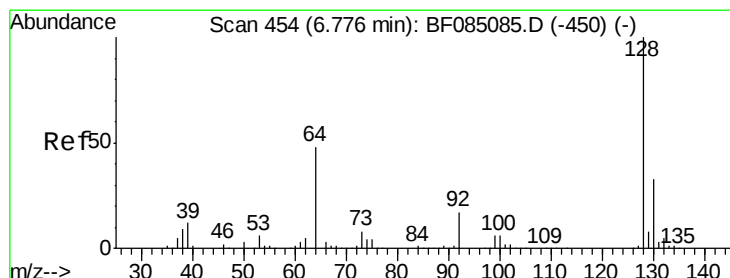
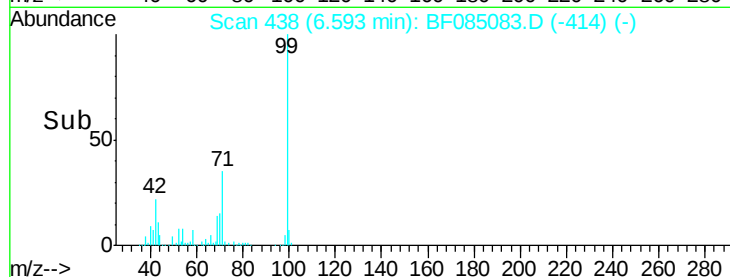
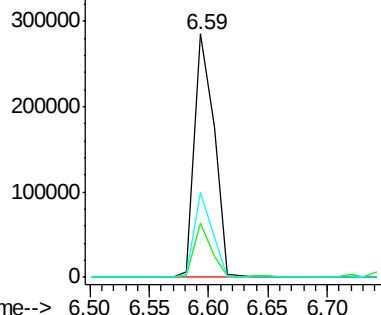
99 100

42 22.2 17.0 25.4

71 35.1 28.3 42.5



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: 9.07 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

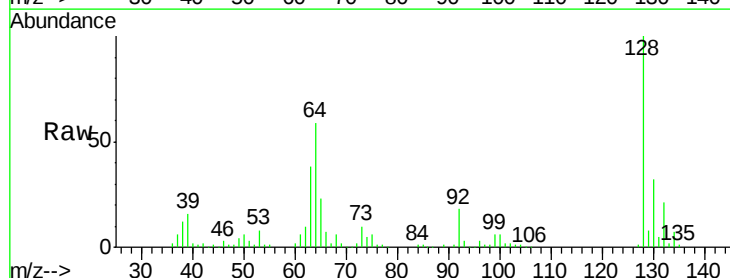
Tgt Ion: 128 Resp: 146049

Ion Ratio Lower Upper

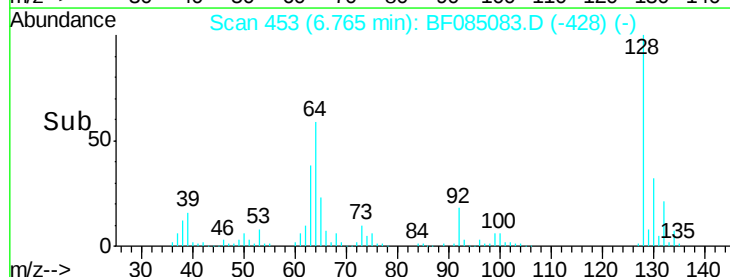
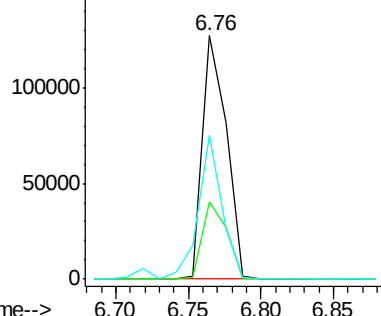
128 100

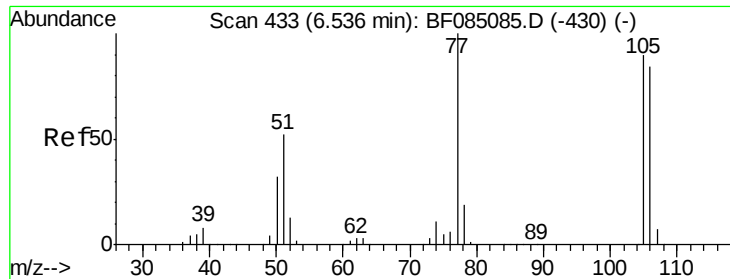
130 31.7 12.4 52.4

64 59.1 32.1 72.1



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

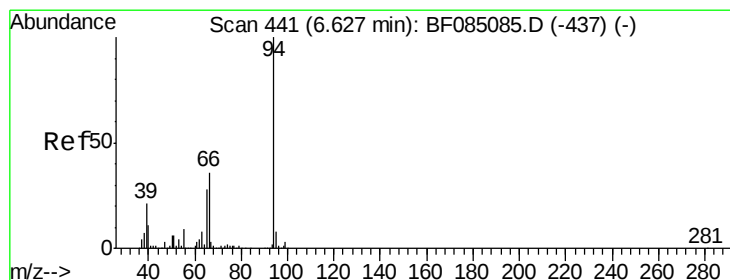
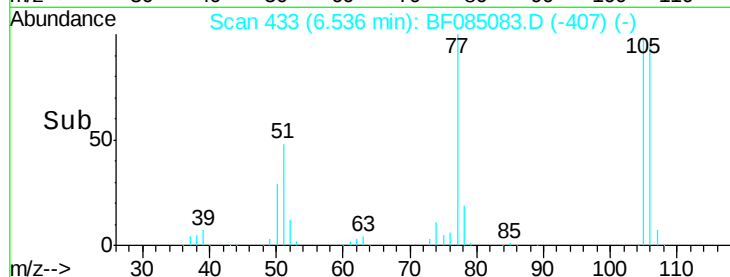
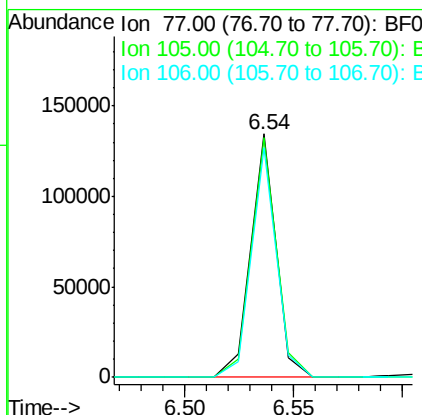
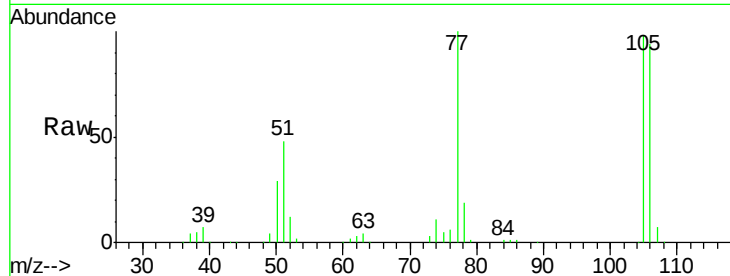




#9
Benzaldehyde
Concen: 11.56 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

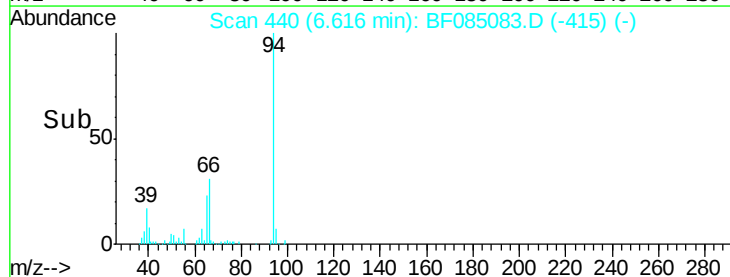
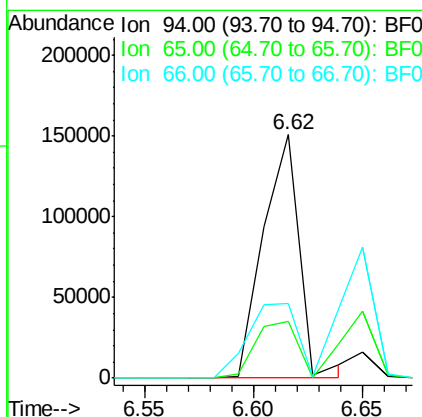
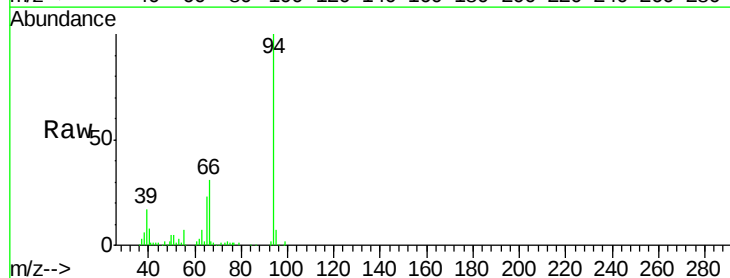
Instrument :
BNA_F
ClientSampleId :

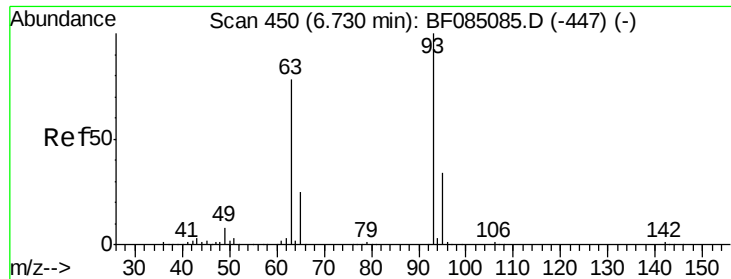
Tot Ion: 77 Resp: 108732
Ion Ratio Lower Upper
77 100
105 98.4 90.9 130.9
106 94.4 79.7 119.7



#10
Phenol
Concen: 8.59 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion: 94 Resp: 175483
Ion Ratio Lower Upper
94 100
65 23.3 37.3 77.3#
66 30.6 84.1 124.1#

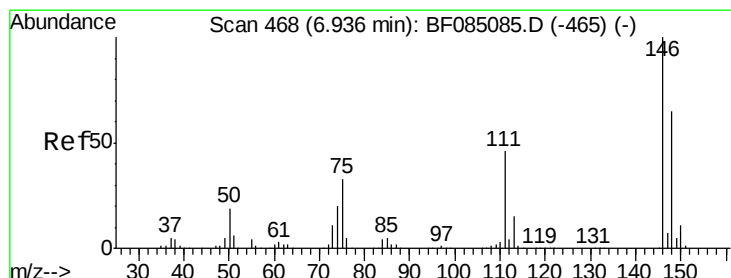
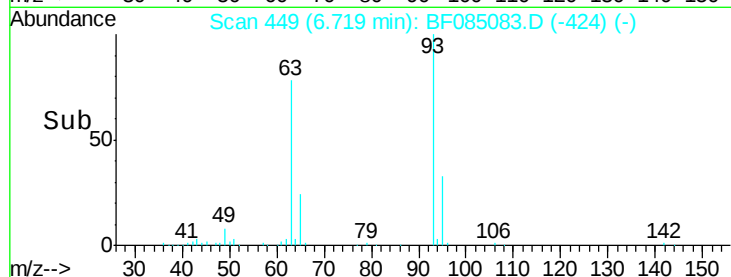
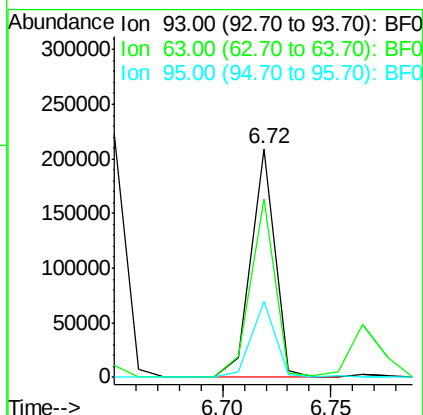
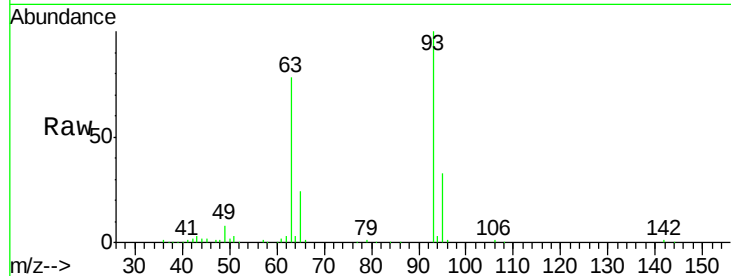




#11
 bis(2-Chloroethyl)ether
 Concen: 8.31 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

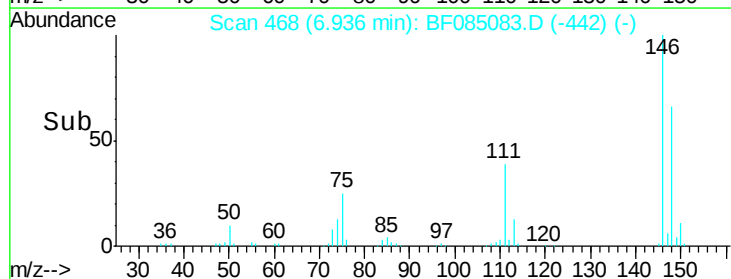
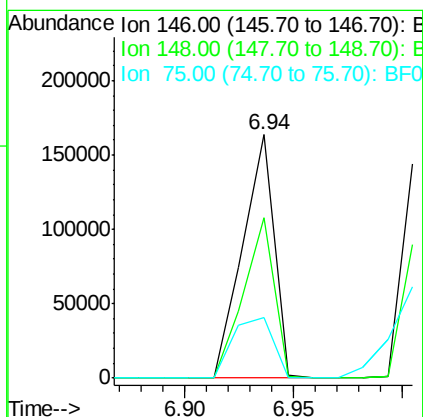
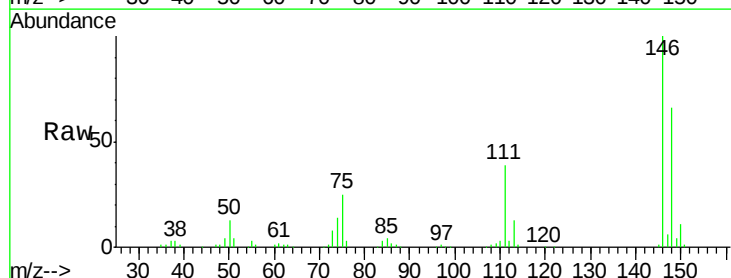
Instrument :
 BNA_F
 ClientSampleId :

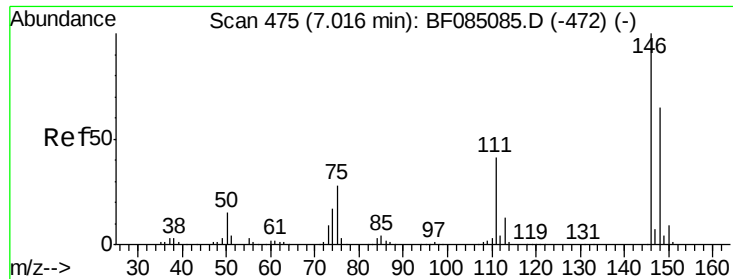
Tot Ion: 93 Resp: 159345
 Ion Ratio Lower Upper
 93 100
 63 77.9 53.6 93.6
 95 33.1 10.1 50.1



#12
 1,3-Dichlorobenzene
 Concen: 10.27 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion: 146 Resp: 164507
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.1 79.7
 75 25.0 24.4 36.6

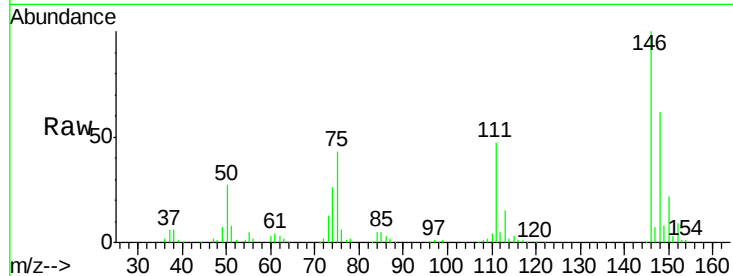




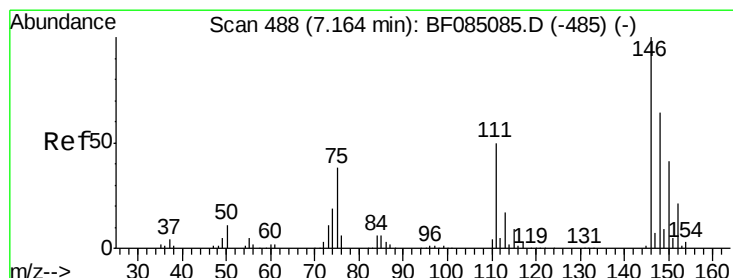
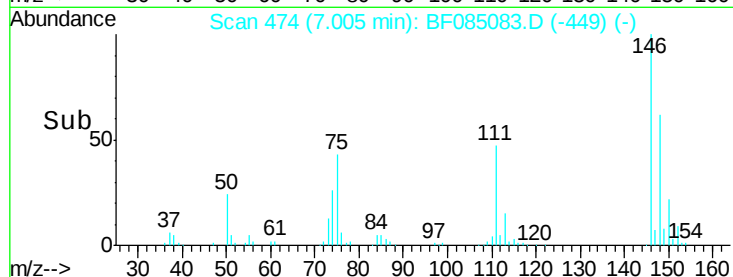
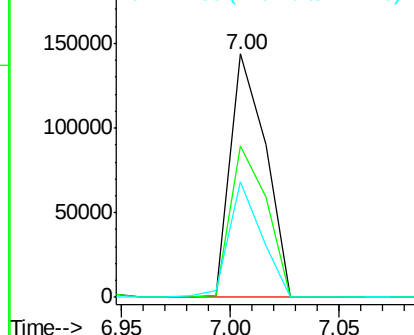
#13
 1,4-Dichlorobenzene
 Concen: 9.08 ng
 RT: 7.00 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 161883
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.3 75.5
 111 47.3 33.6 50.4

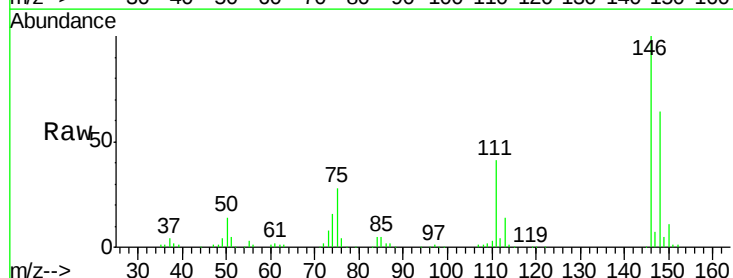


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

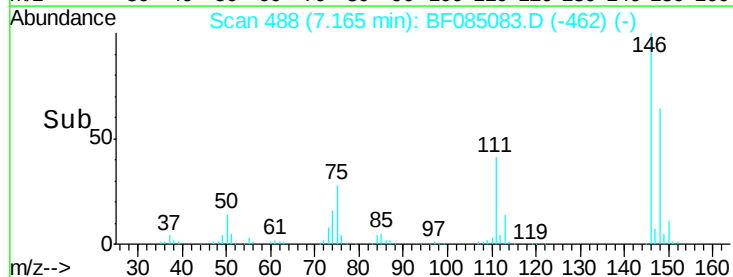
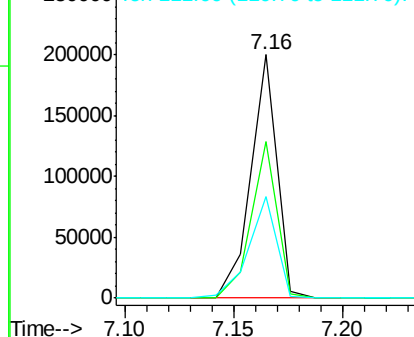


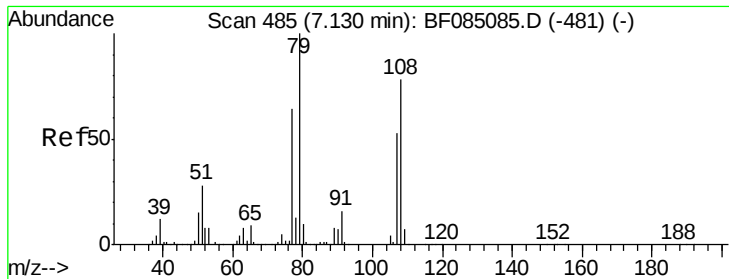
#14
 1,2-Dichlorobenzene
 Concen: 9.89 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion:146 Resp: 165808
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.5 77.3
 111 41.5 36.5 54.7



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





#15

Benzyl Alcohol

Concen: 10.83 ng

RT: 7.12 min Scan# 484

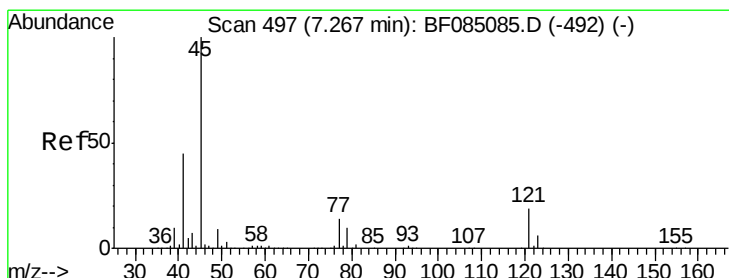
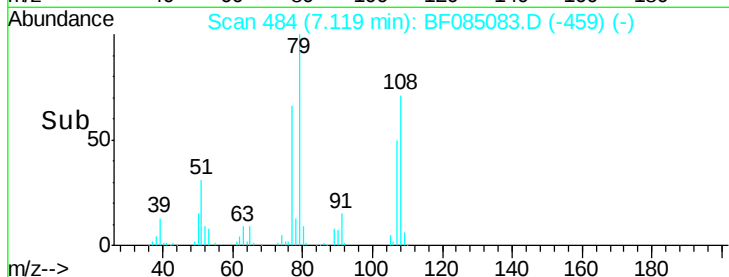
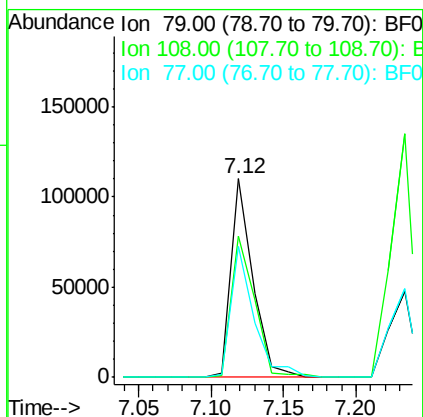
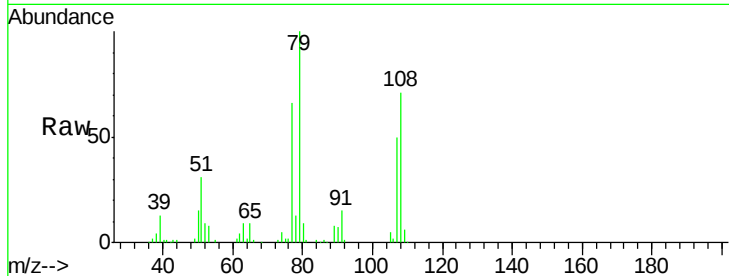
Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	115604
Ion	Ratio	Lower	Upper
79	100		
108	71.1	63.4	95.0
77	65.6	51.8	77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.19 ng

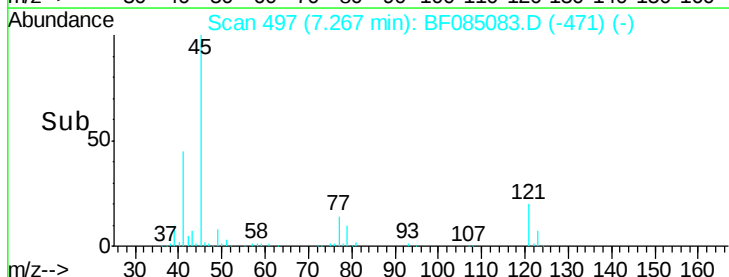
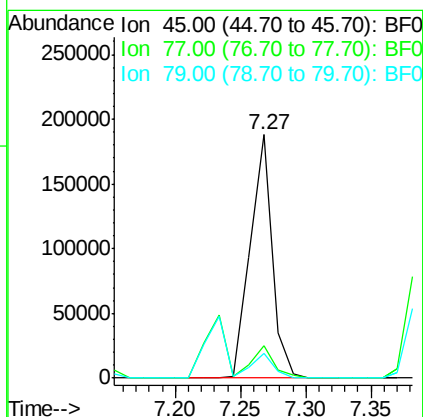
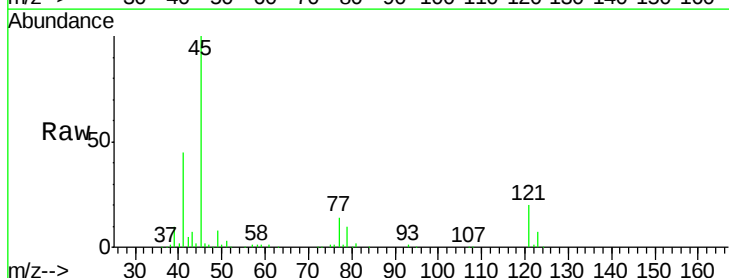
RT: 7.27 min Scan# 497

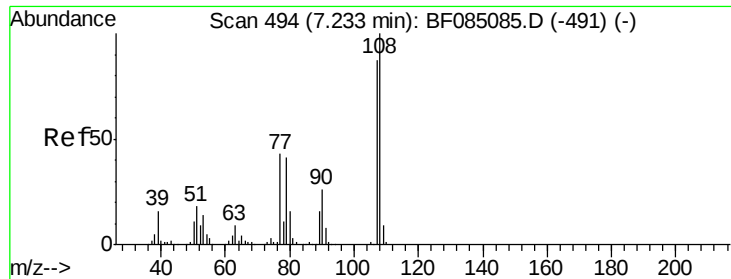
Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion:	45	Resp:	220454
Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	35.2
79	10.3	0.0	33.7





#17

2-Methylphenol

Concen: 10.20 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF085083.D

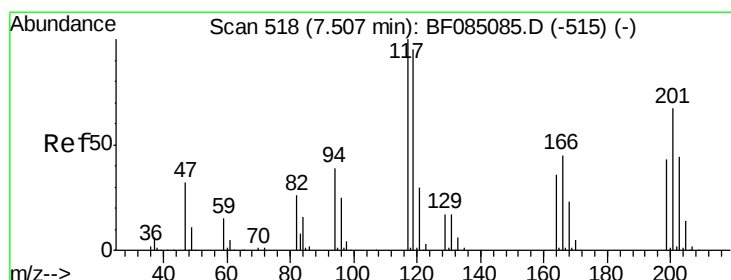
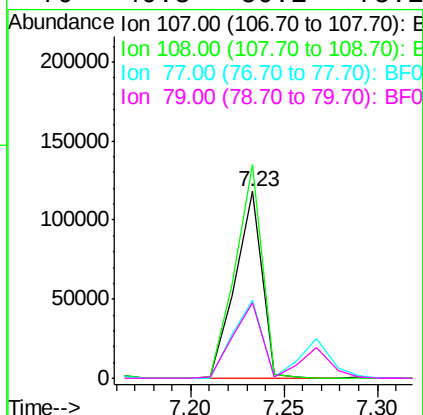
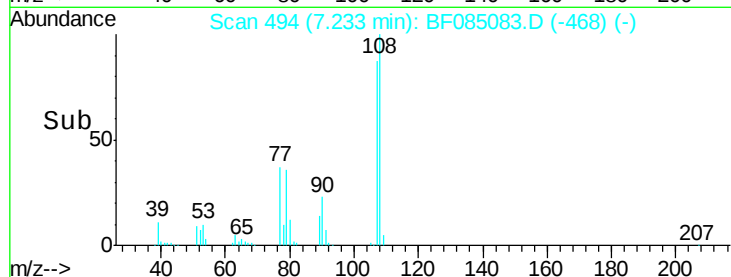
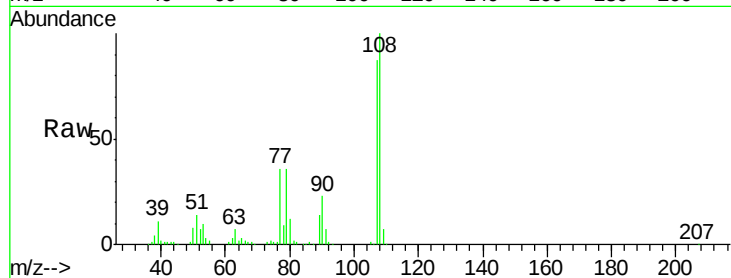
Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	118923
Ion	Ratio	Lower	Upper
107	100		
108	114.5	97.0	145.4
77	41.6	50.5	75.7#
79	40.8	50.1	75.1#



#18

Hexachloroethane

Concen: 8.64 ng

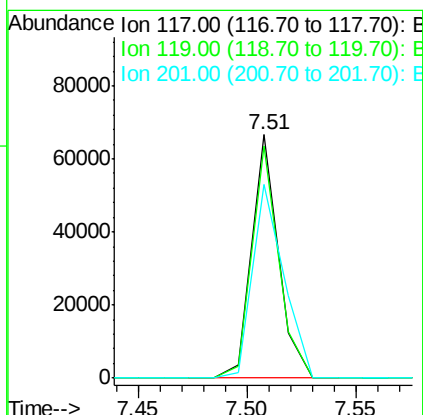
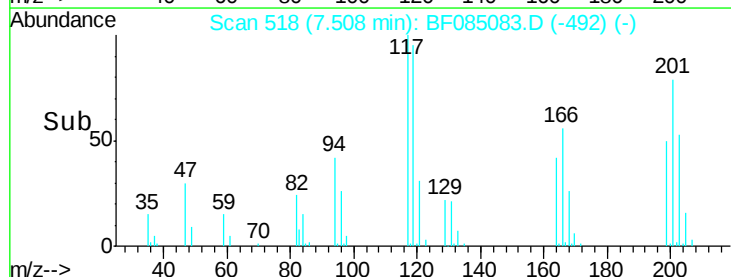
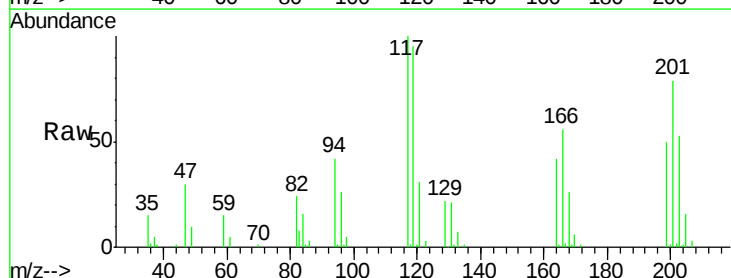
RT: 7.51 min Scan# 518

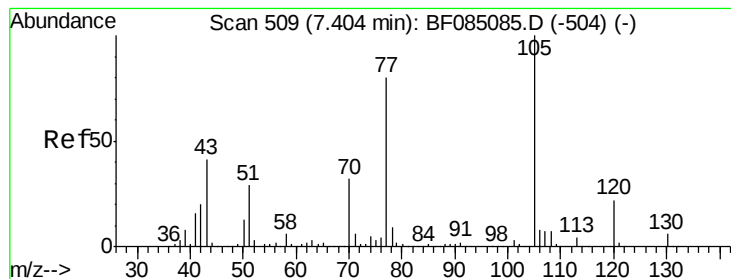
Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion:	117	Resp:	56733
Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.5	111.7
201	79.5	80.9	121.3#





#19

n-Nitroso-di-n-propylamine

Concen: 10.04 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 110497

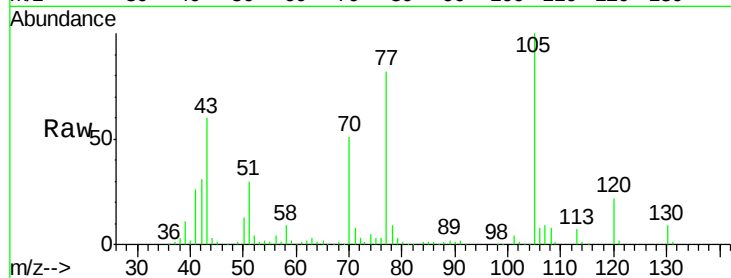
Ion Ratio Lower Upper

70 100

42 61.6 55.8 83.6

101 8.5 7.7 11.5

130 17.9 15.4 23.2



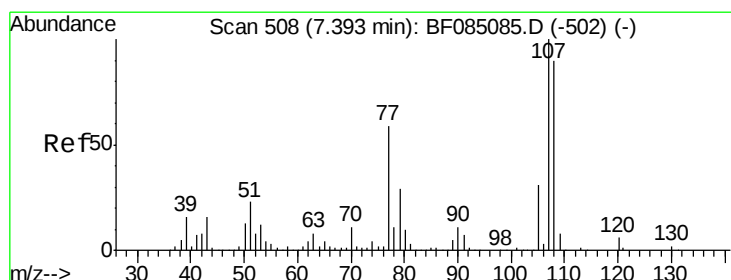
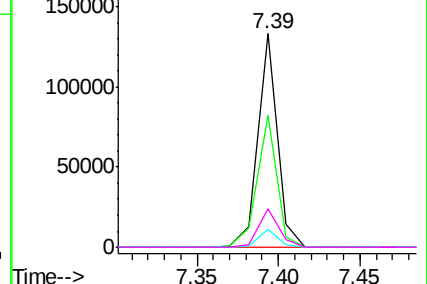
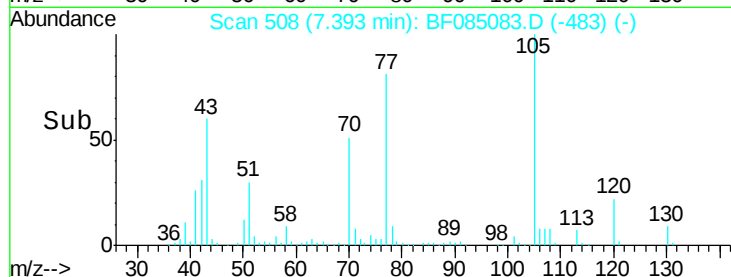
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 10.80 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion: 107 Resp: 159053

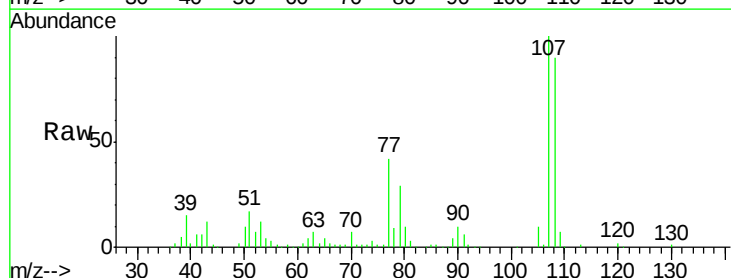
Ion Ratio Lower Upper

107 100

108 90.2 74.4 114.4

77 42.1 46.9 86.9#

79 28.7 10.4 50.4



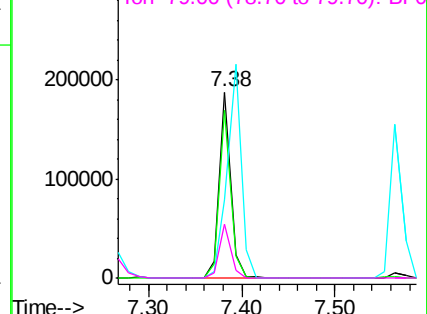
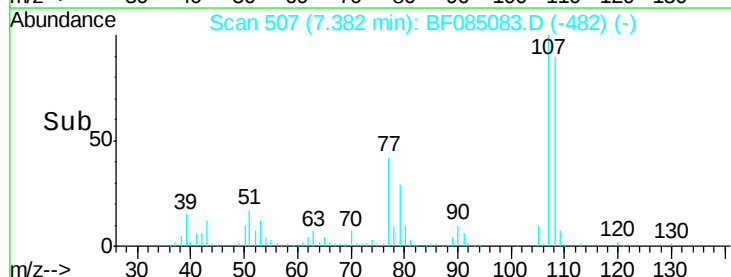
Abundance

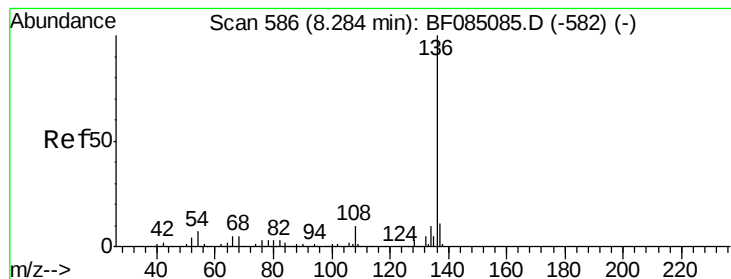
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 805492

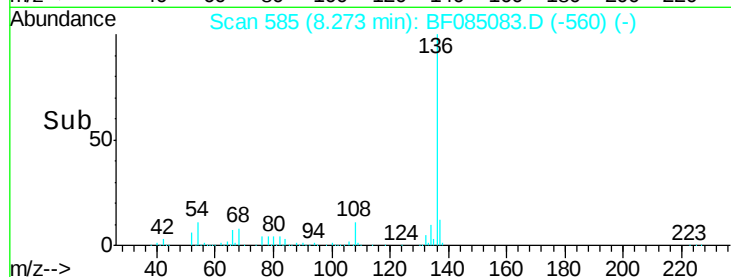
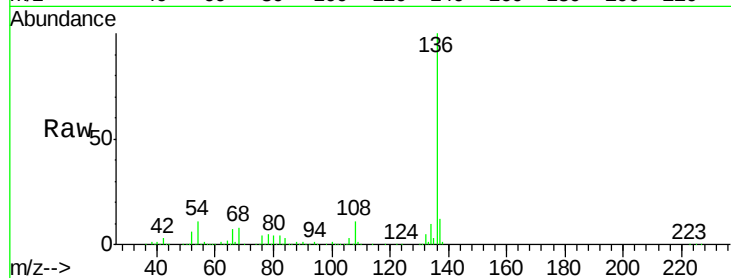
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 10.8 6.1 9.1#

68 7.7 3.5 5.3#

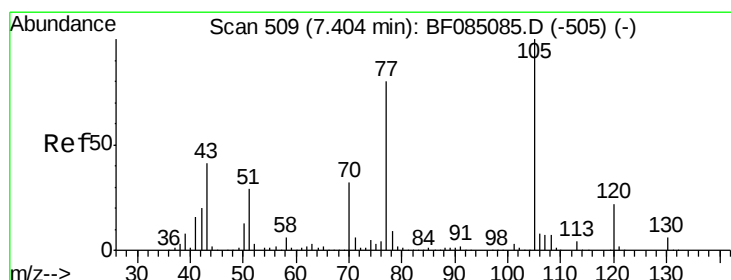
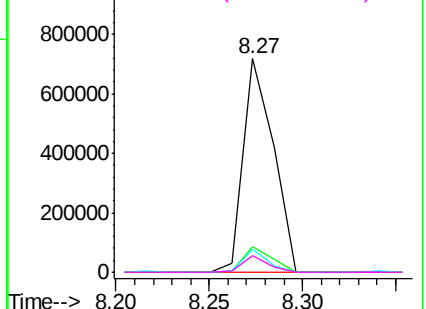


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.06 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion:105 Resp: 228373

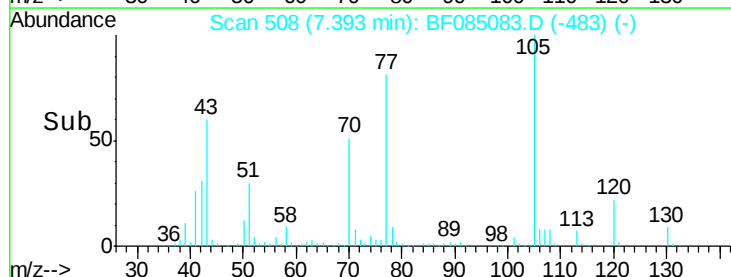
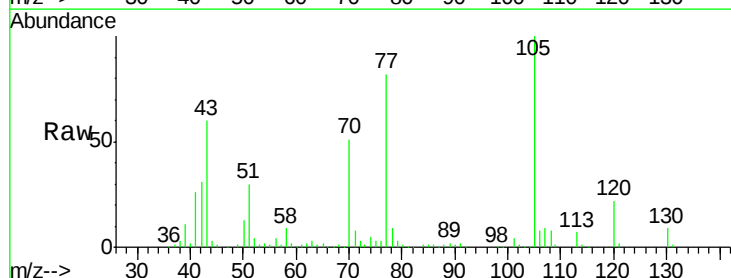
Ion Ratio Lower Upper

105 100

71 8.2 7.5 11.3

51 30.0 23.1 34.7

120 21.6 15.9 23.9

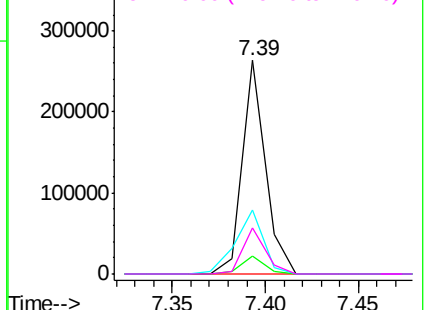


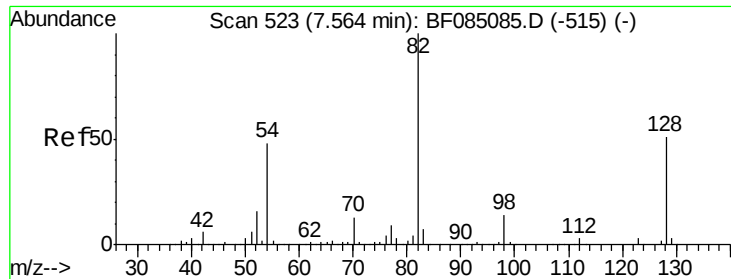
Abundance Ion 105.00 (104.70 to 105.70): E

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

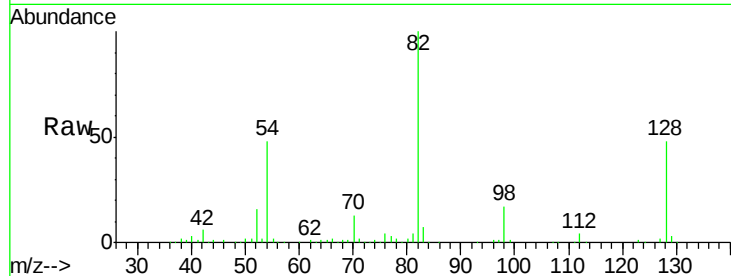




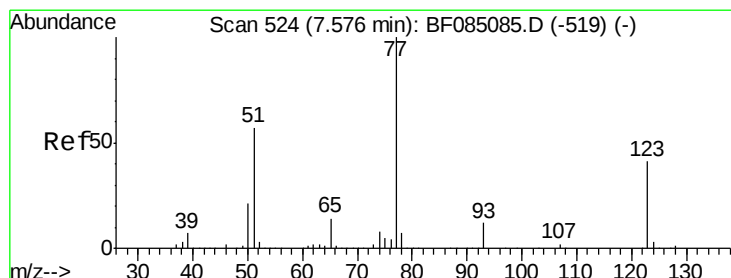
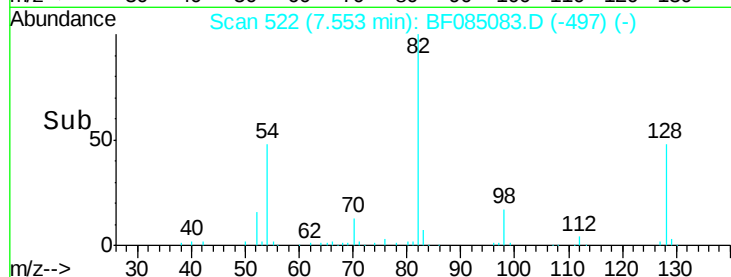
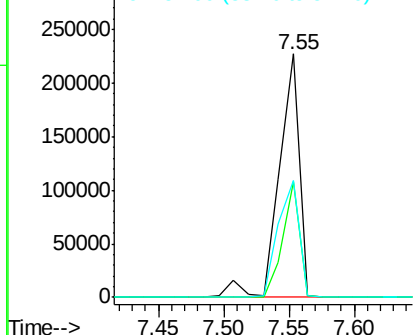
#23
 Nitrobenzene-d5
 Concen: 18.19 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	248108
Ion Ratio	100	Lower	Upper
128	47.6	36.8	55.2
54	47.9	44.4	66.6

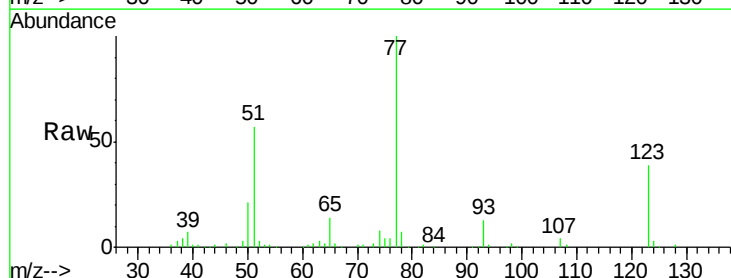


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

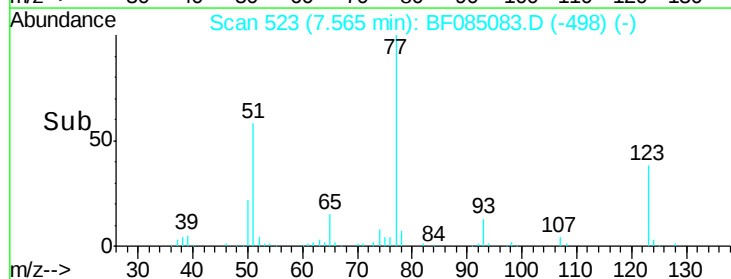
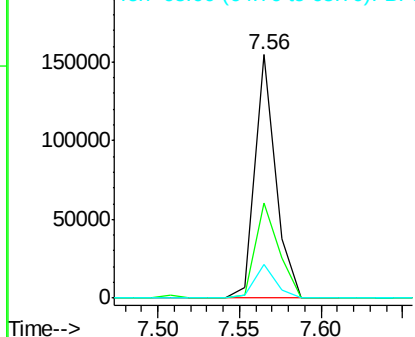


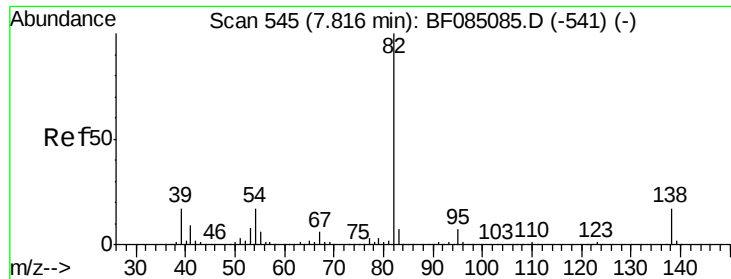
#24
 Nitrobenzene
 Concen: 9.22 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion	77	Resp	137408
Ion Ratio	100	Lower	Upper
123	39.3	36.5	54.7
65	13.9	10.9	16.3



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: 11.73 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

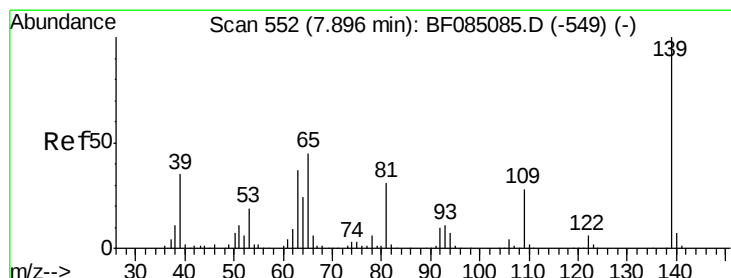
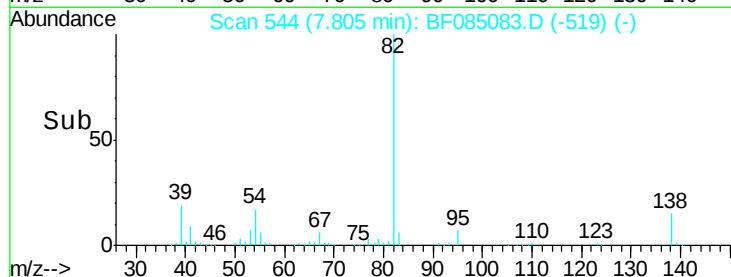
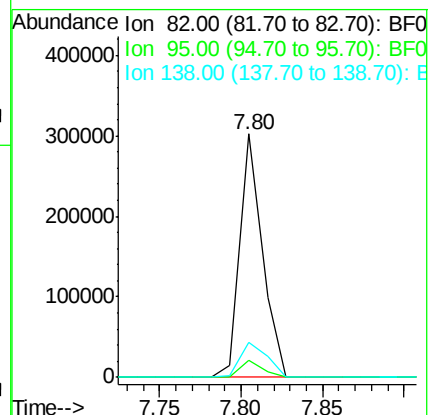
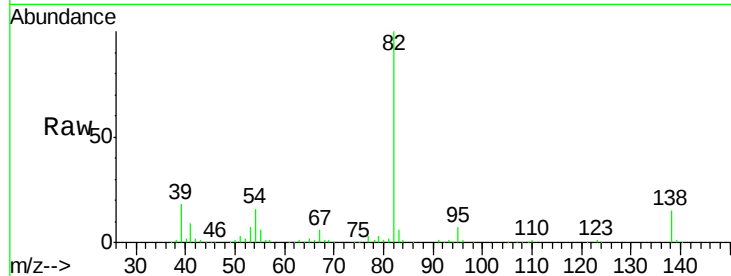
Tot Ion: 82 Resp: 287095

Ion Ratio Lower Upper

82 100

95 6.8 6.1 9.1

138 14.6 13.1 19.7



#26

2-Nitrophenol

Concen: 4.23 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

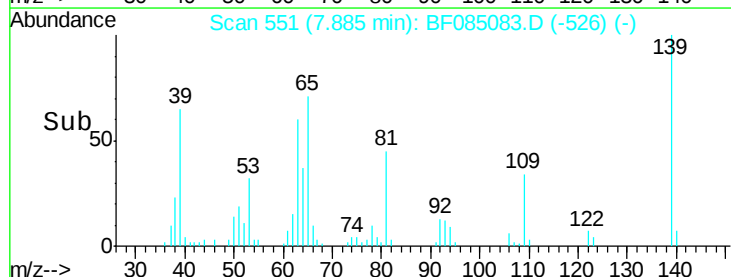
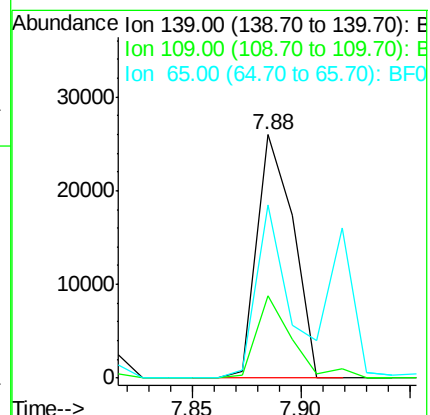
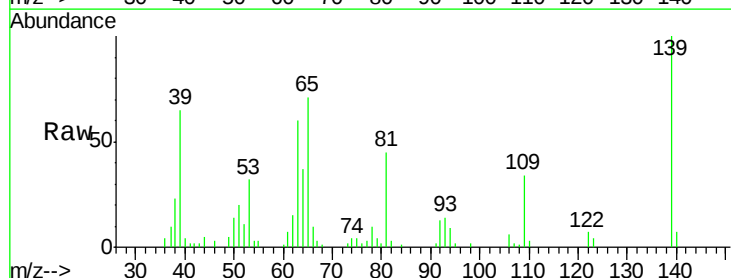
Tgt Ion: 139 Resp: 30250

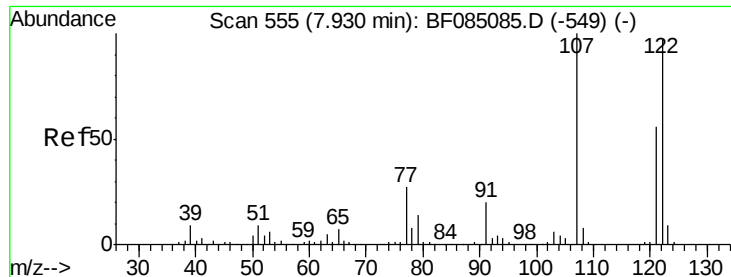
Ion Ratio Lower Upper

139 100

109 34.0 23.4 35.2

65 71.2 42.3 63.5#

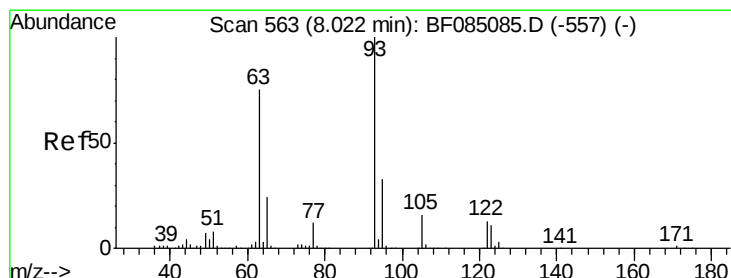
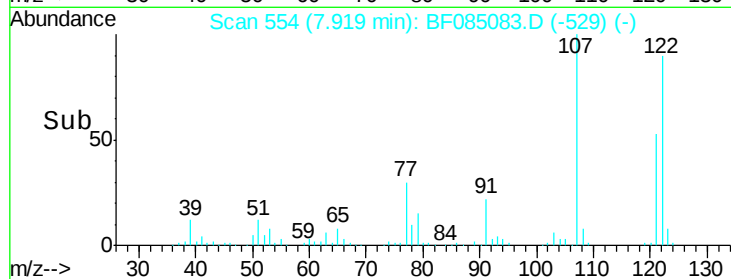
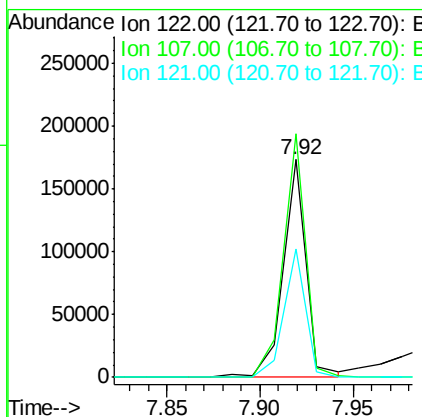
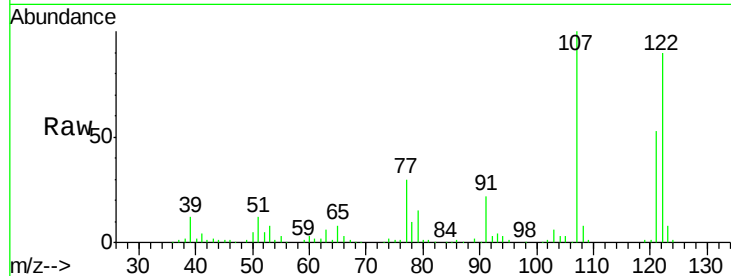




#27
 2,4-Dimethylphenol
 Concen: 12.71 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

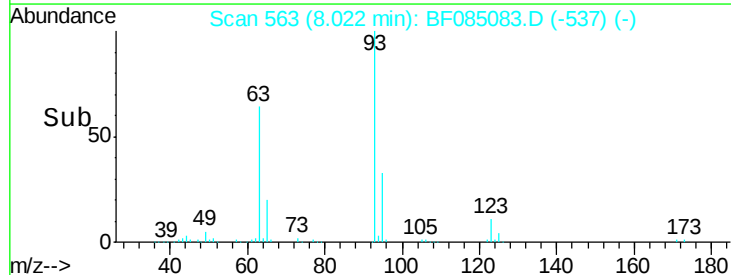
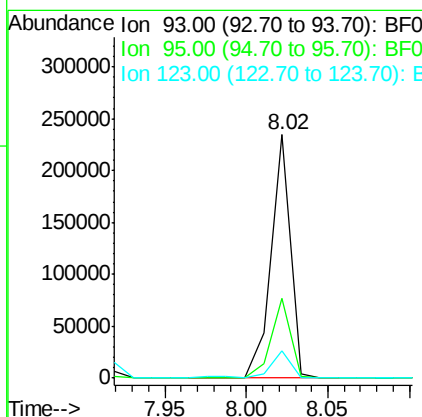
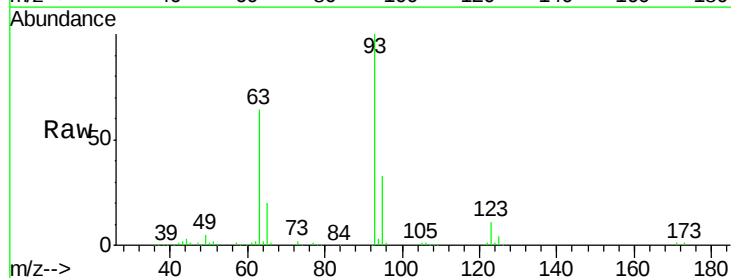
Instrument :
 BNA_F
 ClientSampleId :

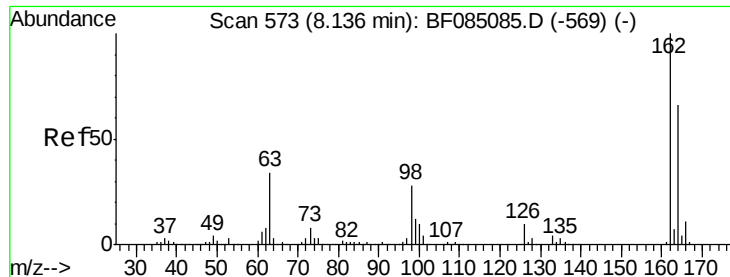
Tot Ion:122 Resp: 146959
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.8 137.8
 121 59.1 45.0 67.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 12.75 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion: 93 Resp: 193594
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.6 38.4
 123 11.0 8.7 13.1

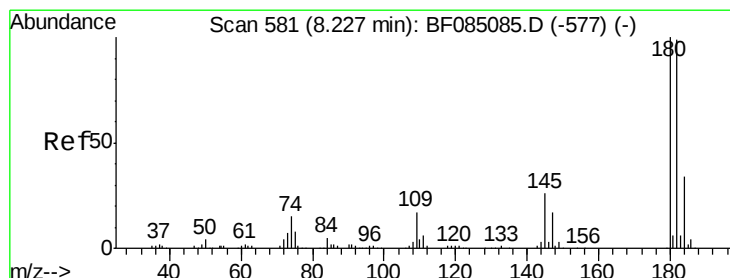
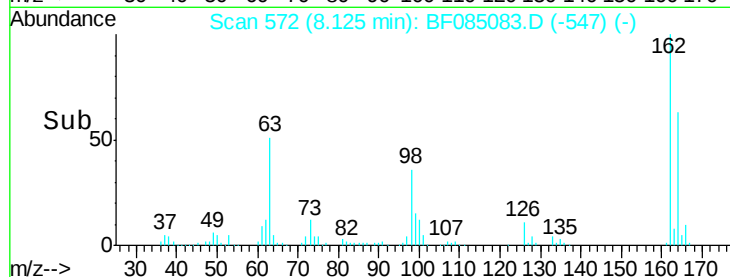
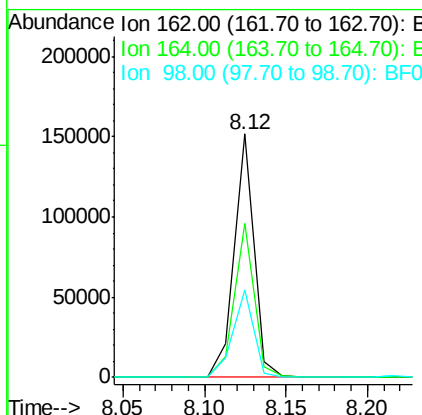
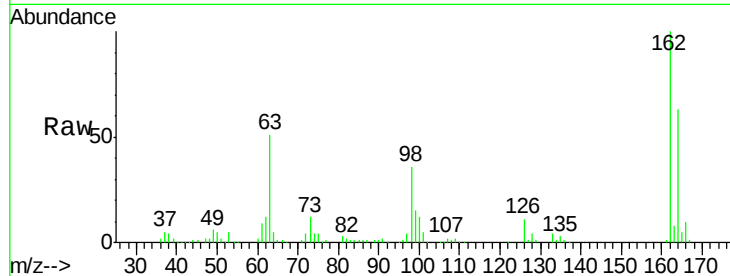




#29
 2,4-Dichlorophenol
 Concen: 11.98 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

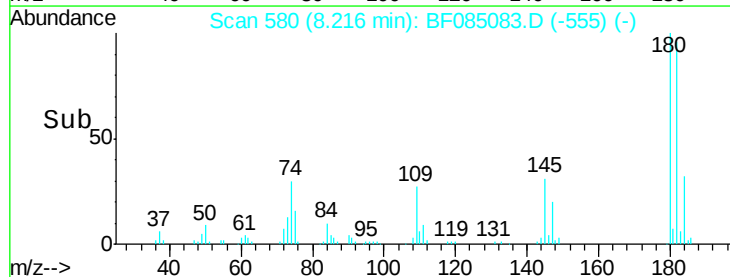
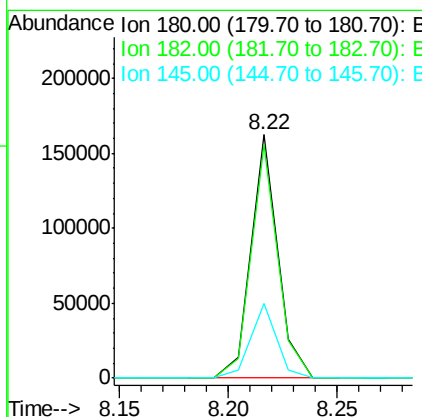
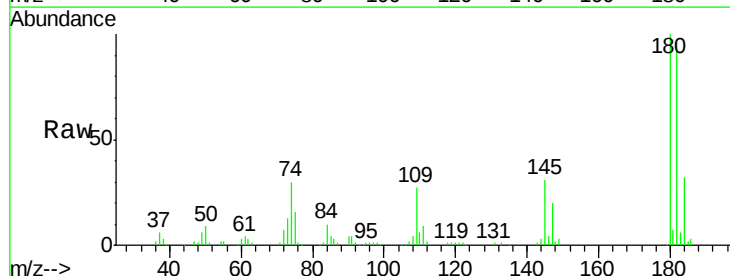
Instrument :
 BNA_F
 ClientSampleId :

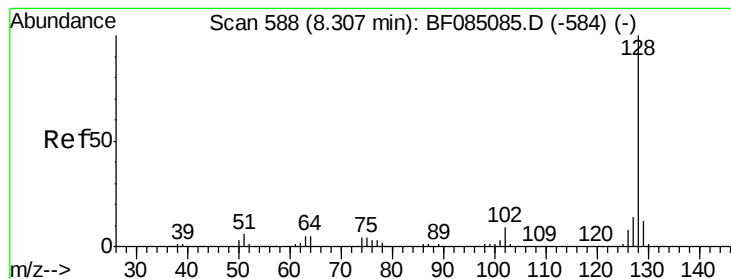
Tot Ion	162	Resp	125891
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.8	82.8
98	36.0	17.6	57.6



#30
 1,2,4-Trichlorobenzene
 Concen: 11.45 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion	180	Resp	138646
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.8	113.8
145	30.9	25.9	38.9





#31

Naphthalene

Concen: 11.39 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

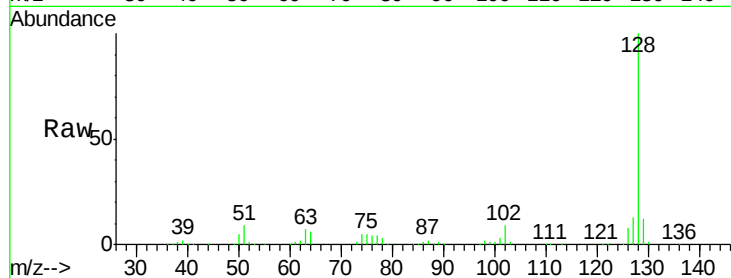
Tot Ion:128 Resp: 444611

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

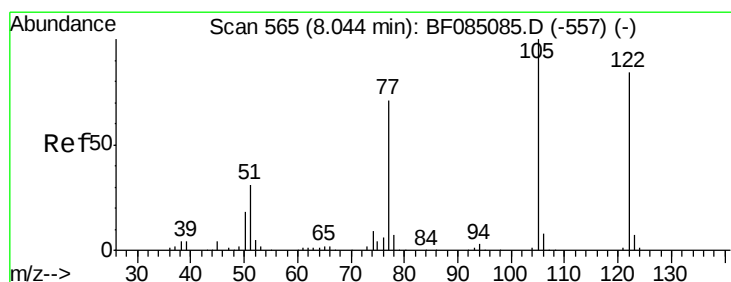
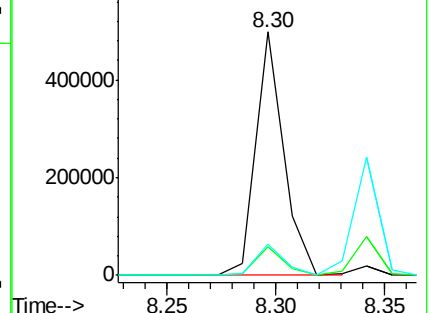
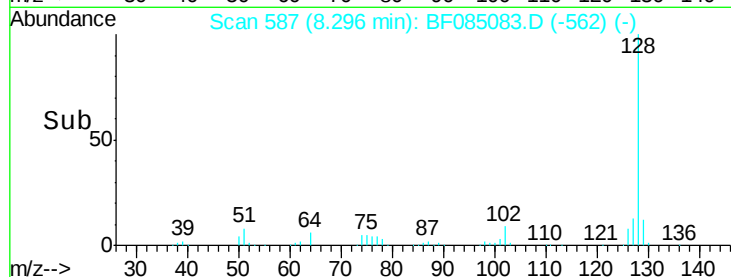
127 13.0 10.3 15.5



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: 9.14 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

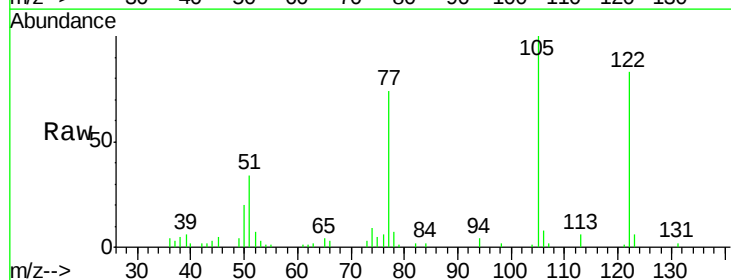
Tgt Ion:122 Resp: 46497

Ion Ratio Lower Upper

122 100

105 120.8 101.3 141.3

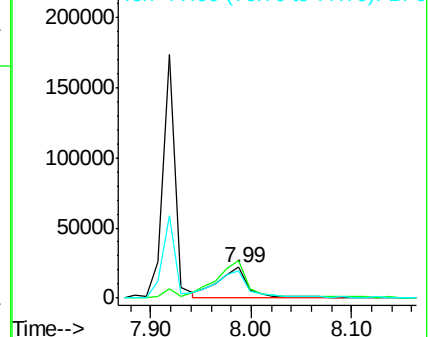
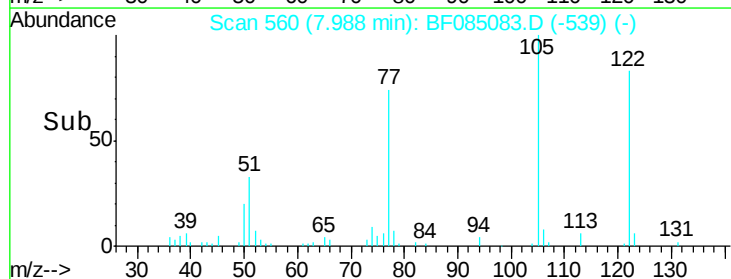
77 89.1 70.0 110.0

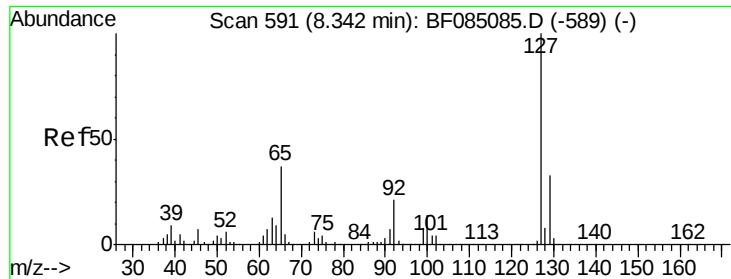


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

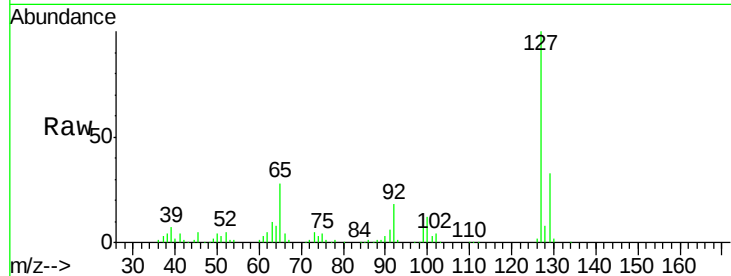




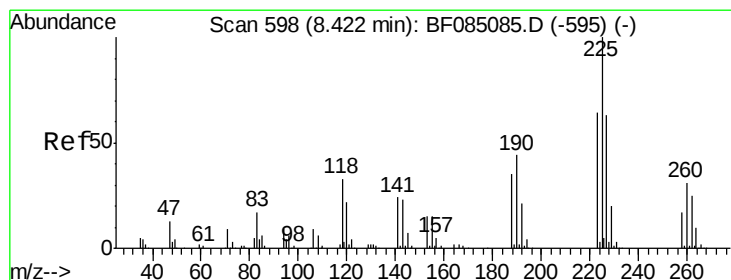
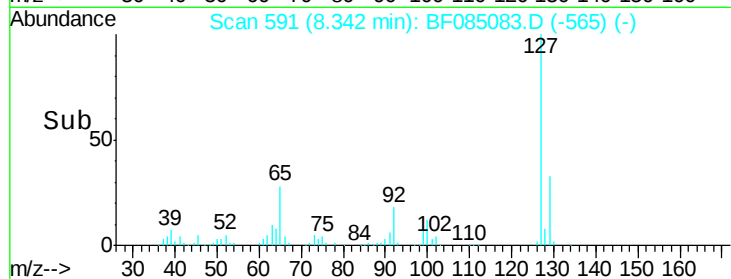
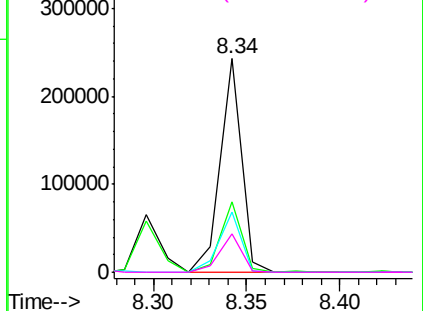
#33
4-Chloroaniline
Concen: 13.20 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	195600
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	28.2	24.7	37.1
92	18.2	15.1	22.7

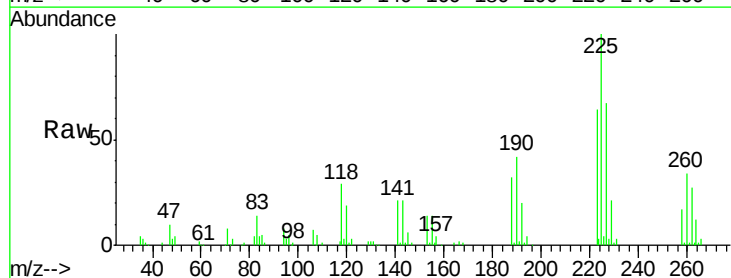


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

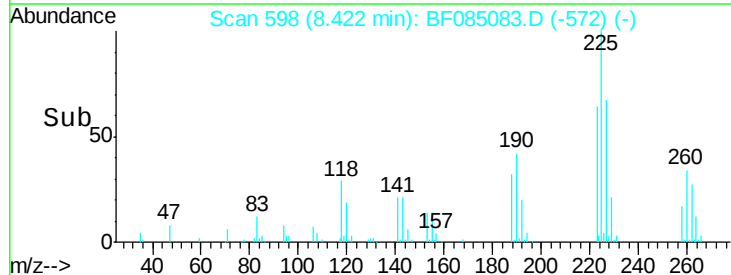
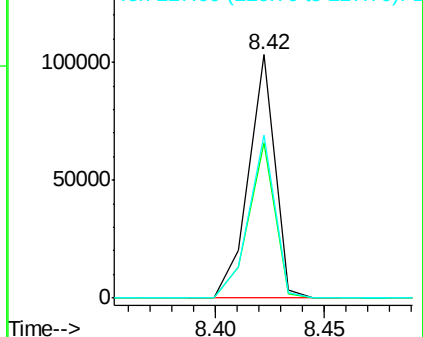


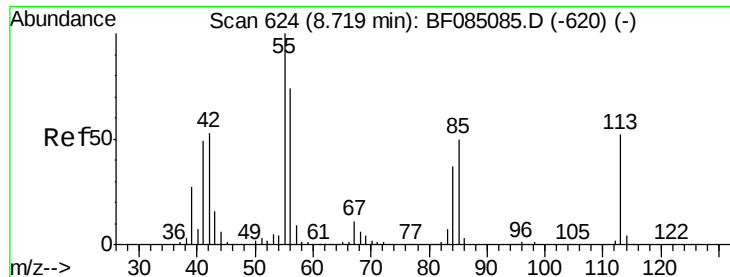
#34
Hexachlorobutadiene
Concen: 12.83 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion:	225	Resp:	86991
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.6	73.0
227	66.8	48.9	73.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

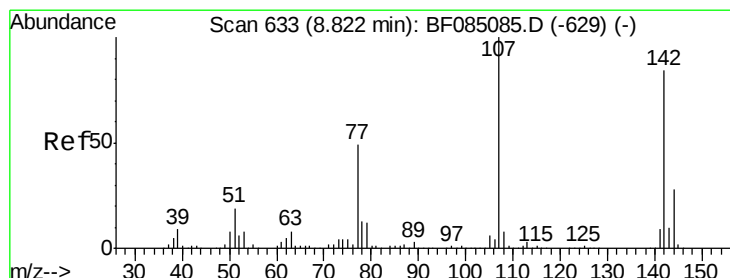
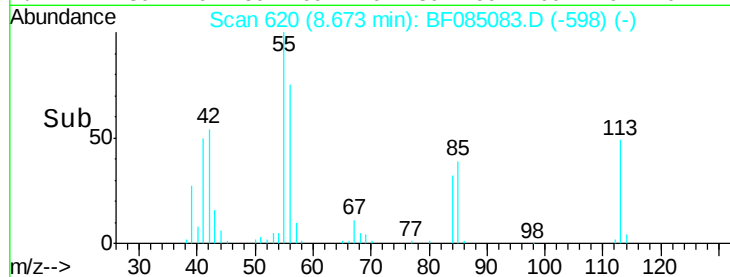
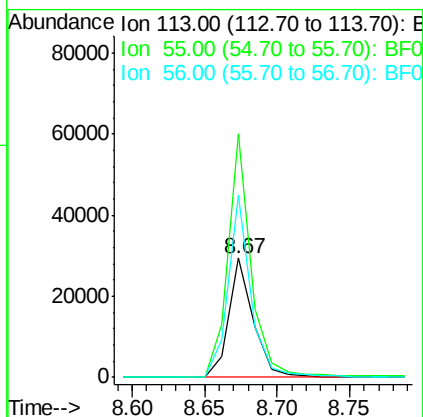
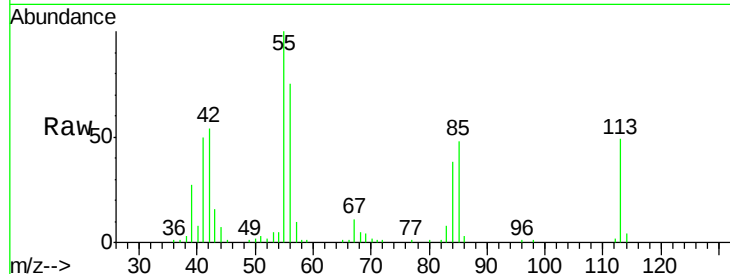




#35
 Caprolactam
 Concen: 12.17 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

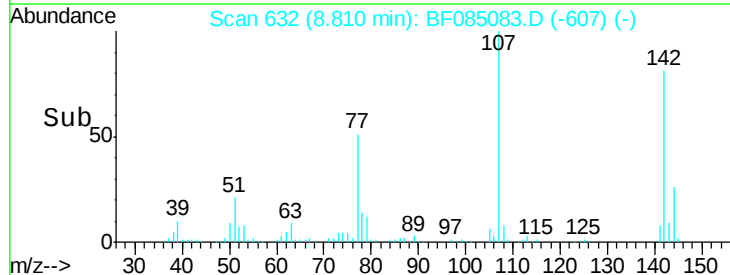
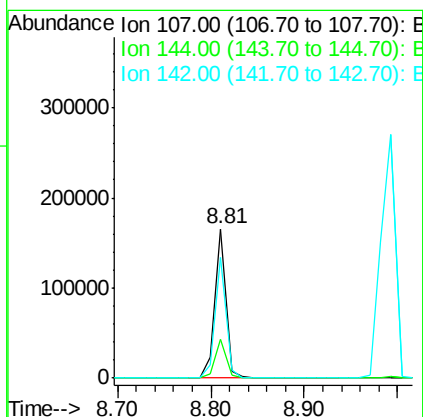
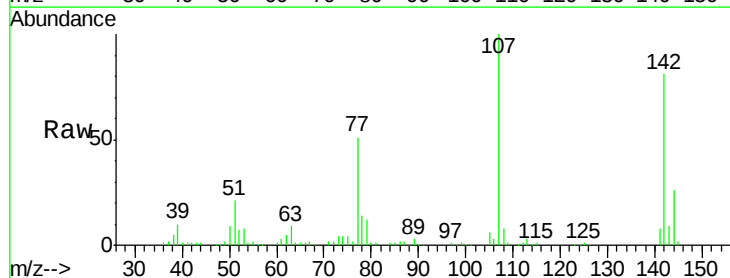
Instrument :
 BNA_F
 ClientSampleId :

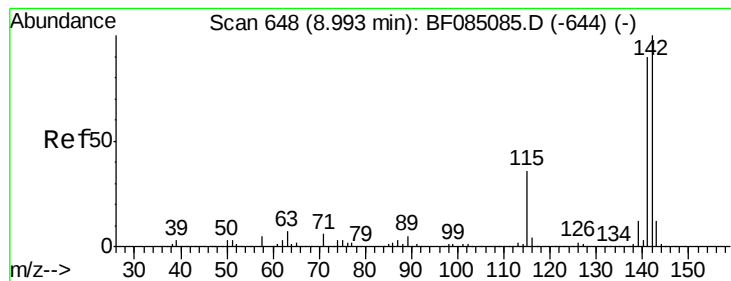
Tot Ion:113 Resp: 34364
 Ion Ratio Lower Upper
 113 100
 55 203.9 173.1 213.1
 56 152.9 132.9 172.9



#36
 4-Chloro-3-methylphenol
 Concen: 11.64 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion:107 Resp: 138654
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.2 28.8
 142 81.0 60.6 91.0





#37

2-Methylnaphthalene

Concen: 11.73 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

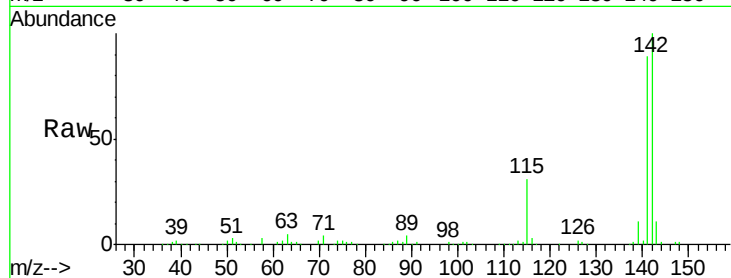
Tot Ion:142 Resp: 292327

Ion Ratio Lower Upper

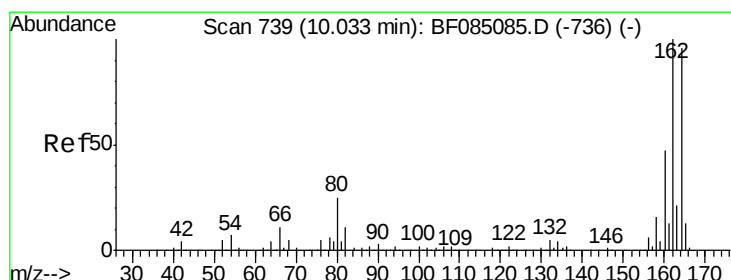
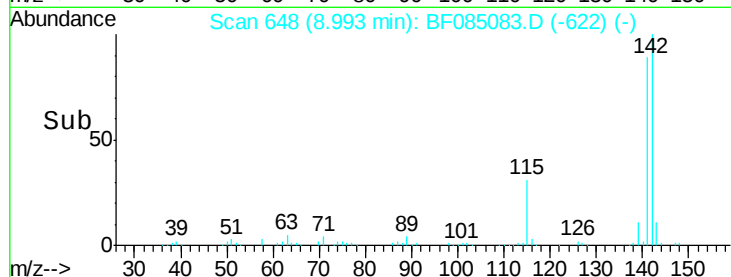
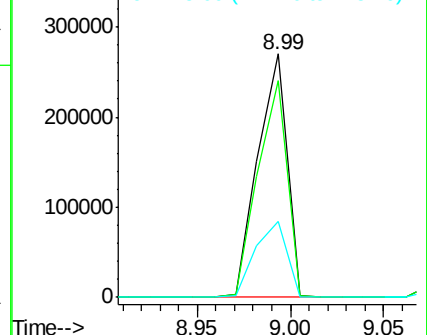
142 100

141 89.1 69.6 104.4

115 31.1 27.9 41.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

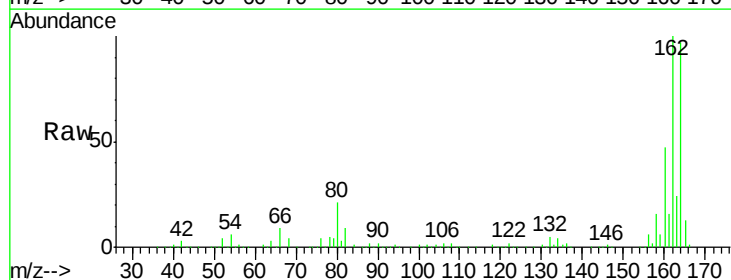
Tgt Ion:164 Resp: 433402

Ion Ratio Lower Upper

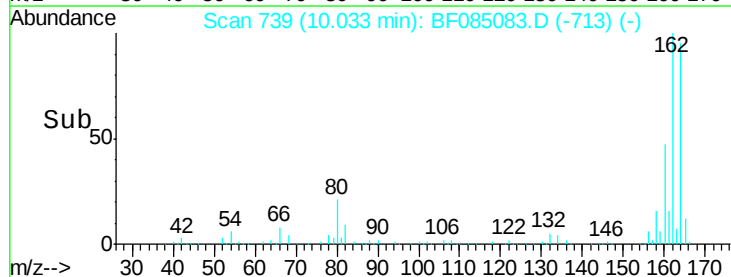
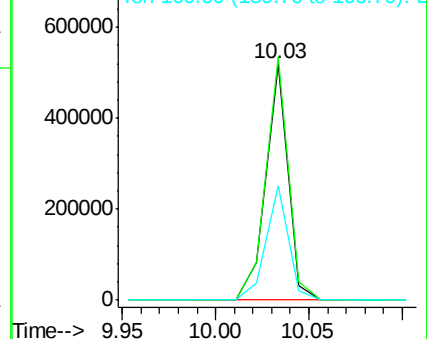
164 100

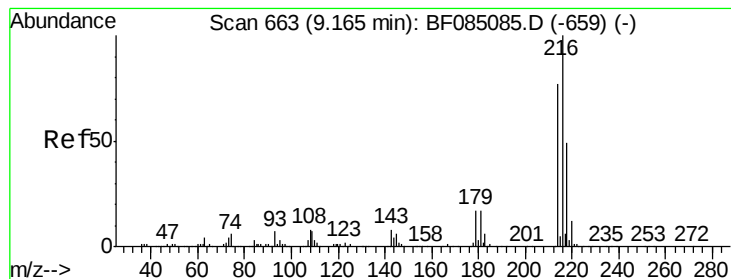
162 103.2 81.1 121.7

160 48.2 37.4 56.0



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: 10.86 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 152046

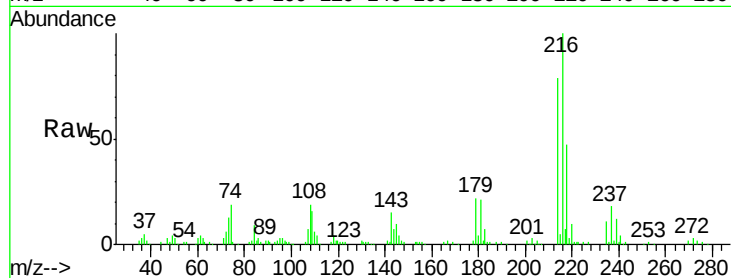
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

179 21.3 18.1 27.1

108 20.5 15.7 23.5

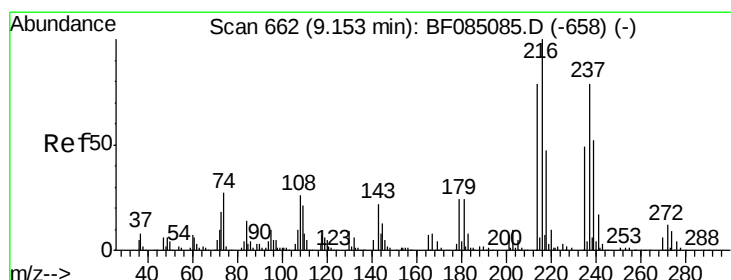
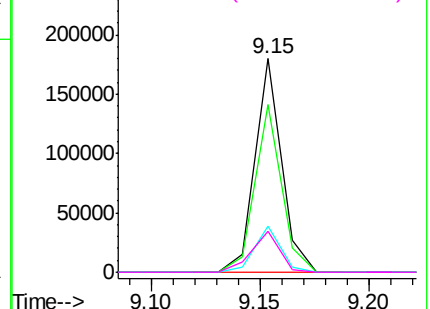
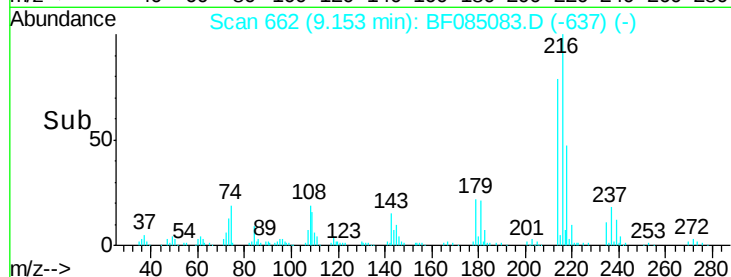


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 13.07 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

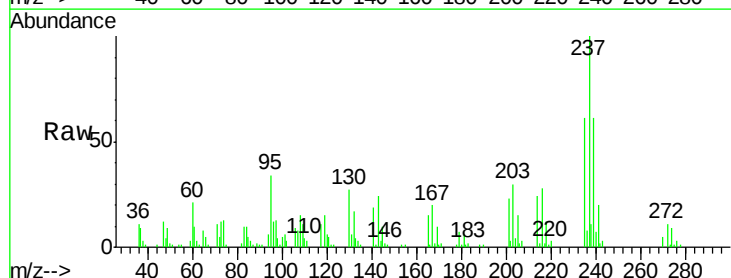
Tgt Ion:237 Resp: 60853

Ion Ratio Lower Upper

237 100

235 61.1 44.8 84.8

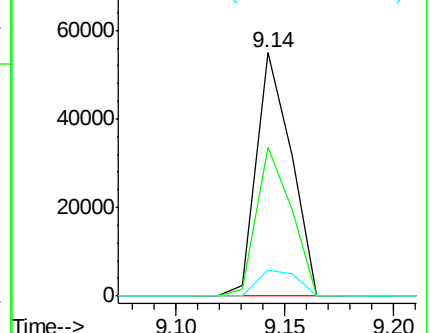
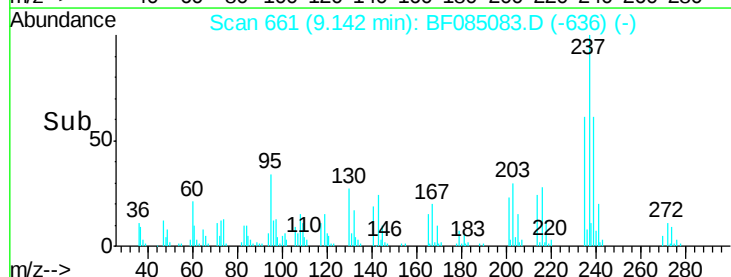
272 10.9 0.0 31.8

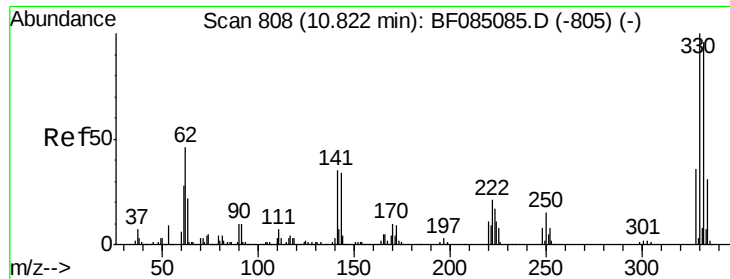


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

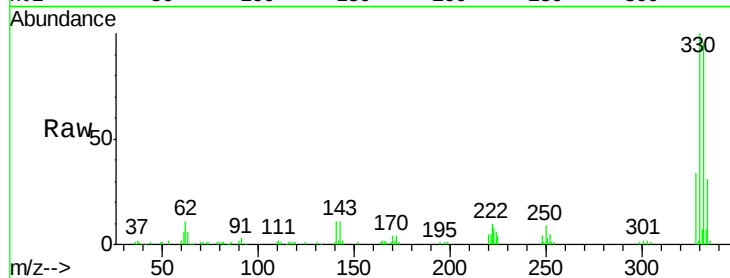




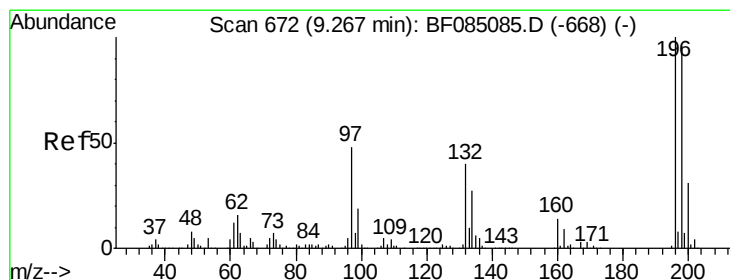
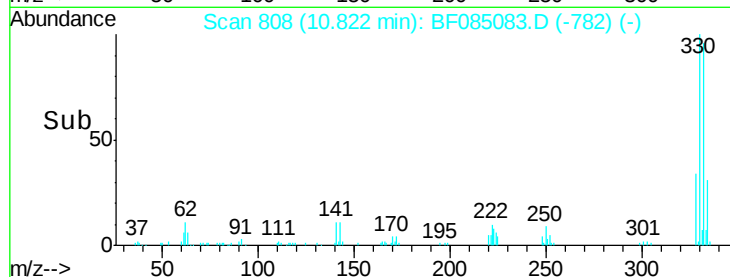
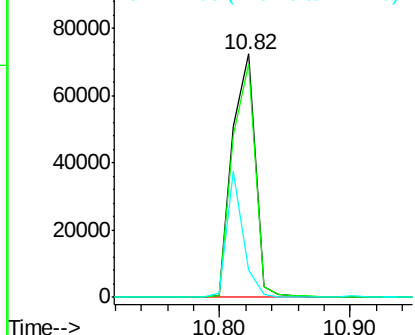
#41
 2,4,6-Tribromophenol
 Concen: 19.74 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 88347
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.5 117.7
 141 37.1 28.6 42.8

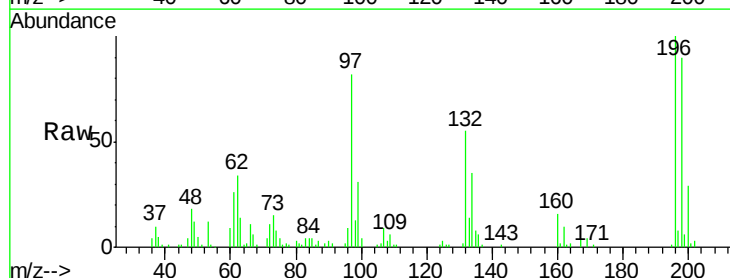


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

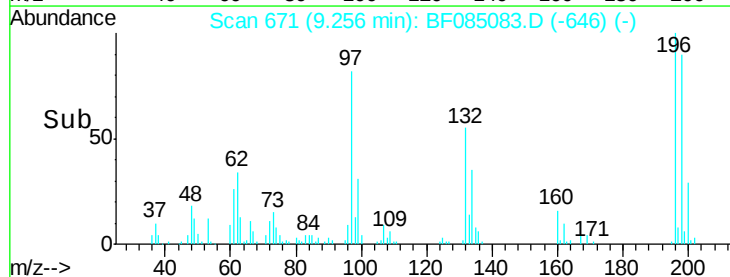
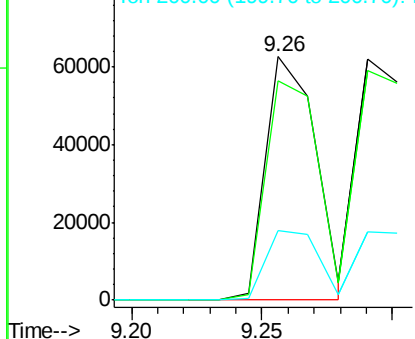


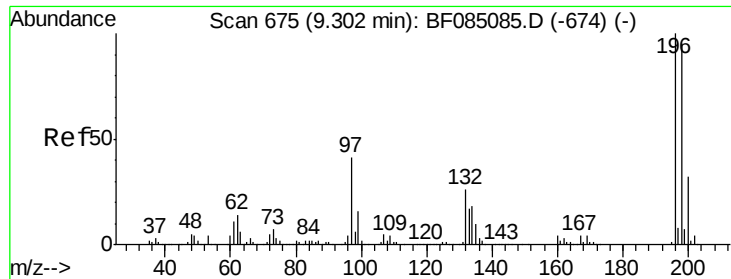
#42
 2,4,6-Trichlorophenol
 Concen: 10.78 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion:196 Resp: 83251
 Ion Ratio Lower Upper
 196 100
 198 90.1 81.0 121.6
 200 28.8 26.3 39.5



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

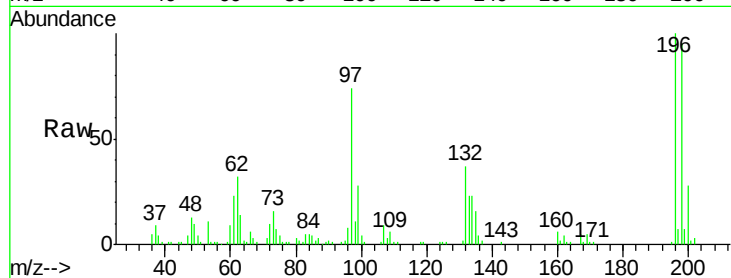




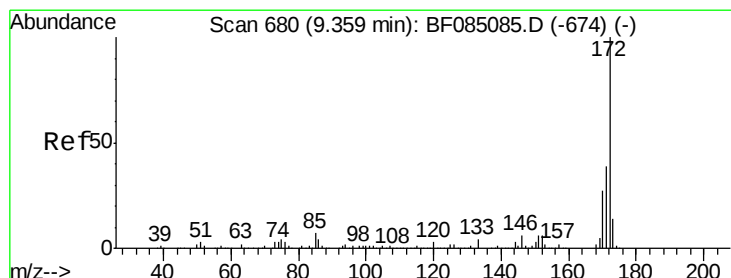
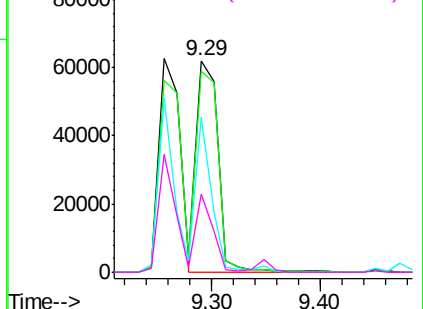
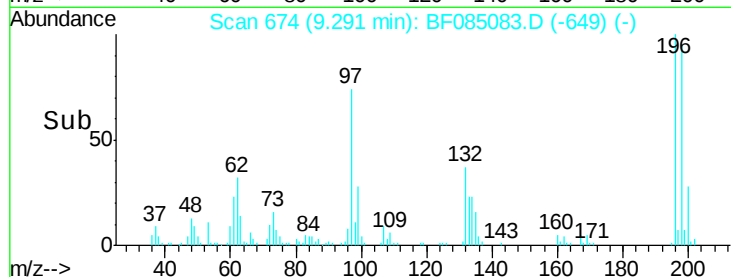
#43
 2,4,5-Trichlorophenol
 Concen: 9.63 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 86540
 Ion Ratio Lower Upper
 196 100
 198 95.4 79.7 119.5
 97 73.6 47.0 70.4#
 132 37.0 26.4 39.6

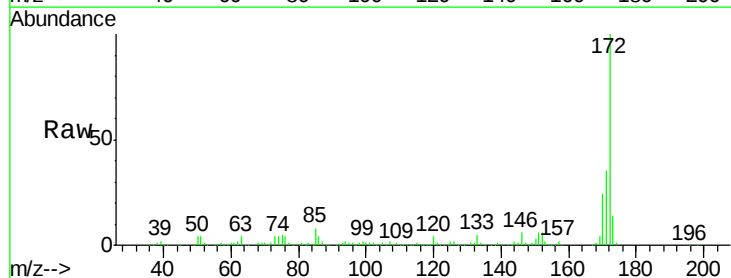


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

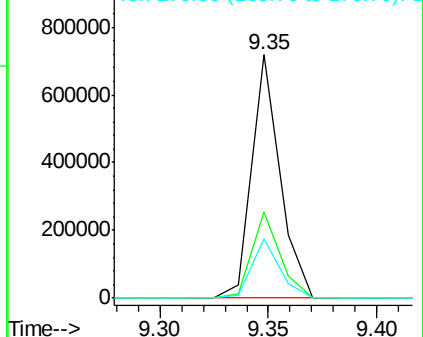
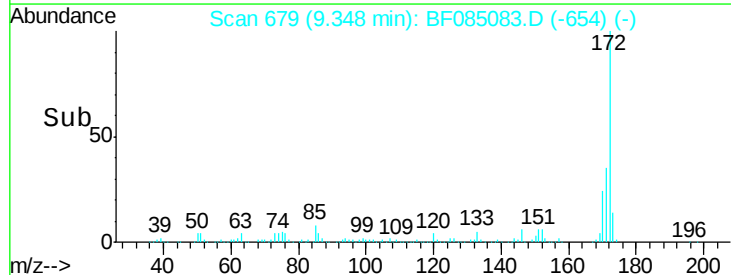


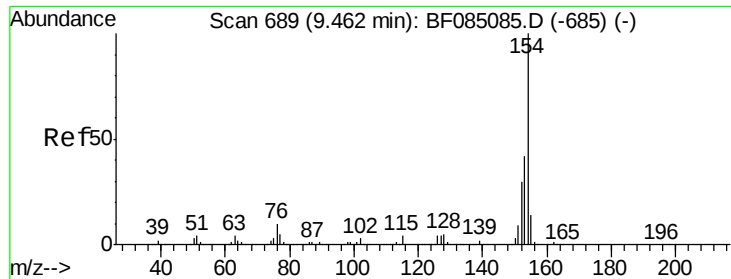
#44
 2-Fluorobiphenyl
 Concen: 21.39 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion:172 Resp: 648414
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.1 43.7
 170 24.3 19.6 29.4



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: 10.28 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

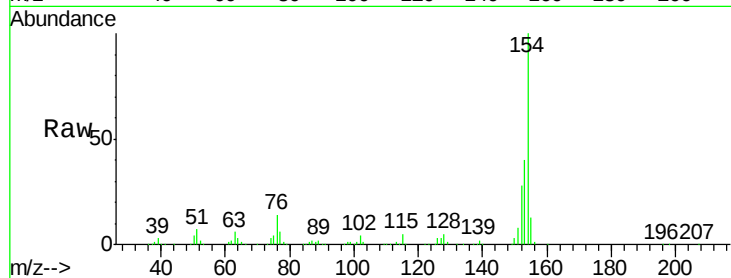
Tot Ion:154 Resp: 405152

Ion Ratio Lower Upper

154 100

153 39.6 19.9 59.9

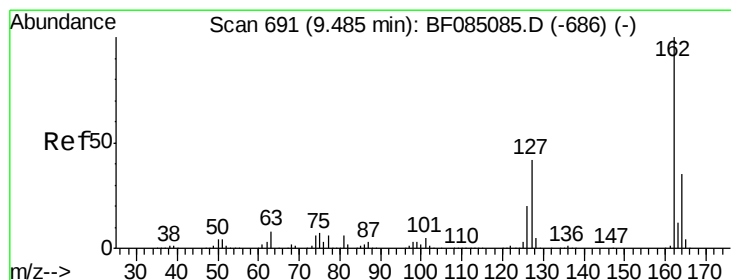
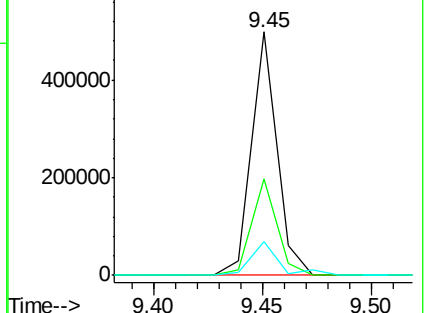
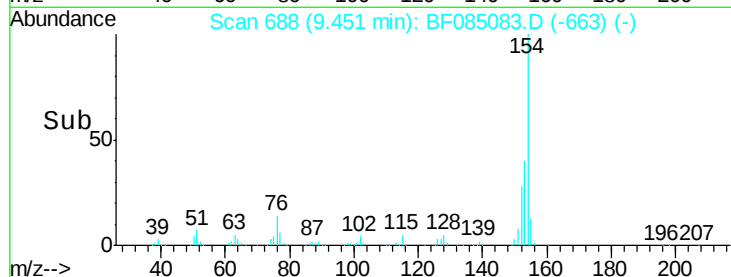
76 13.8 0.0 31.6



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: 9.93 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

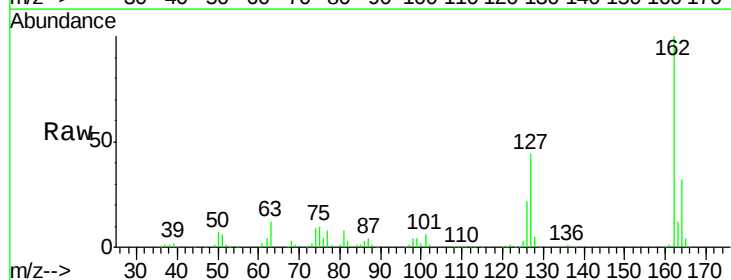
Tgt Ion:162 Resp: 277367

Ion Ratio Lower Upper

162 100

127 43.9 34.8 52.2

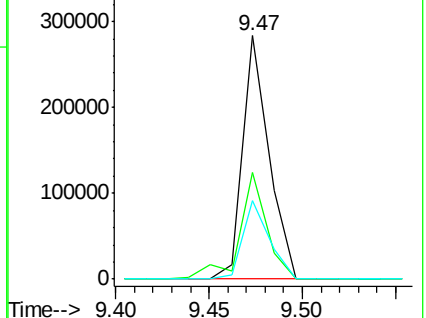
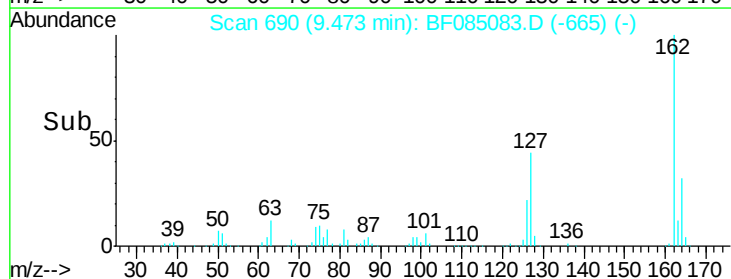
164 32.5 25.8 38.6

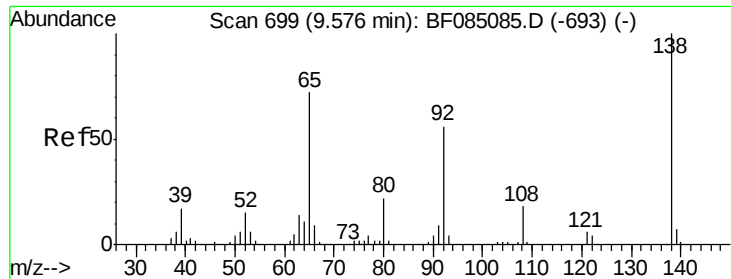


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

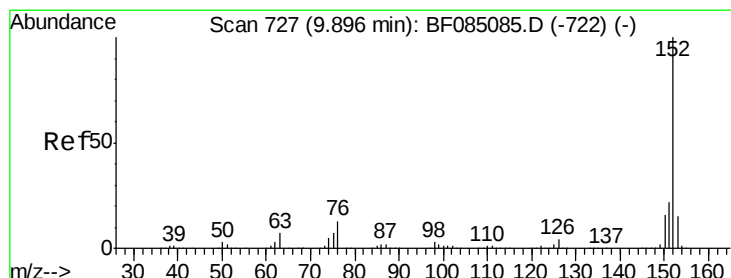
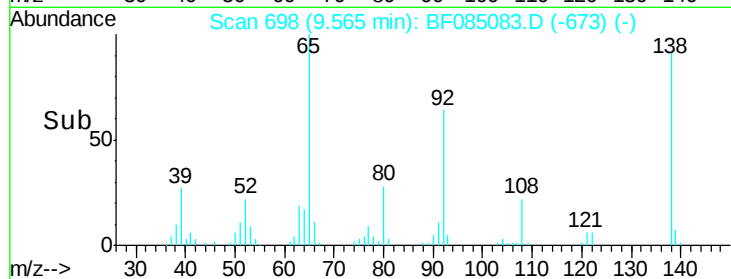
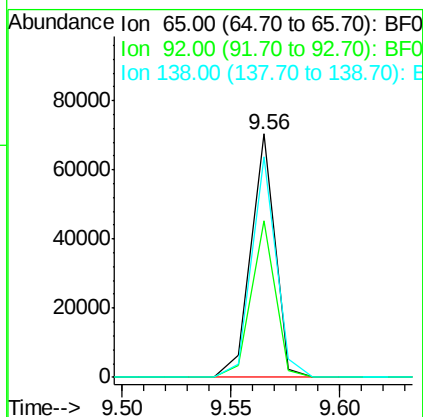
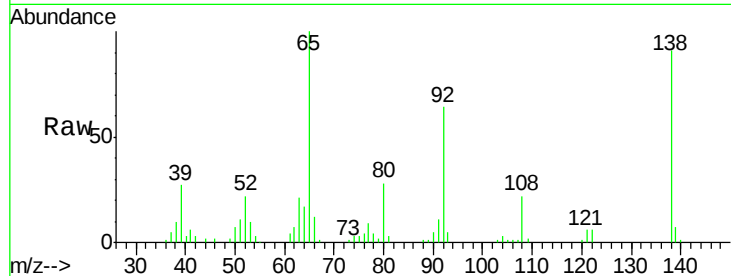




#47
2-Nitroaniline
Concen: 6.30 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

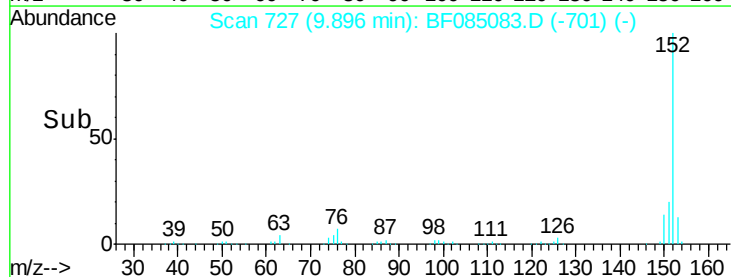
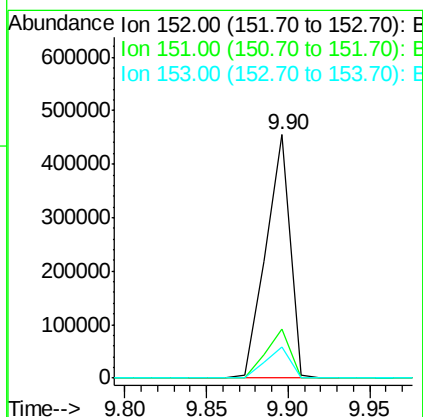
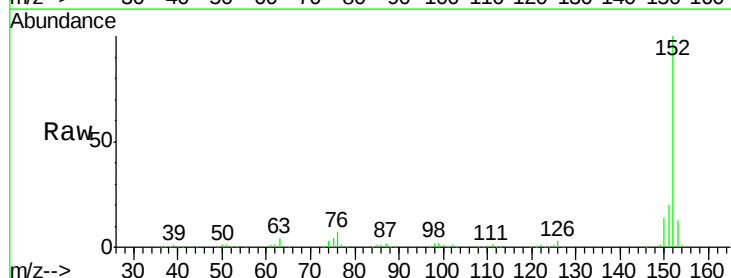
Instrument :
BNA_F
ClientSampleId :

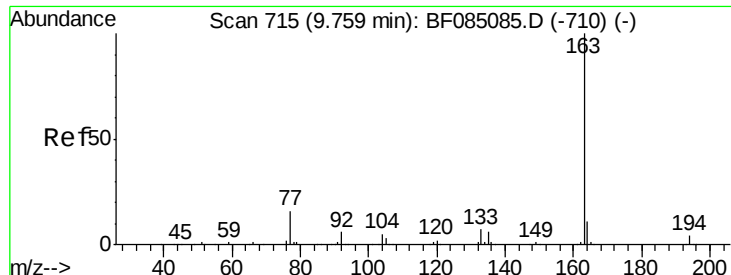
Tot Ion: 65 Resp: 54315
Ion Ratio Lower Upper
65 100
92 64.5 57.1 85.7
138 90.8 86.8 130.2



#48
Acenaphthylene
Concen: 10.59 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion: 152 Resp: 469470
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 12.9 11.1 16.7

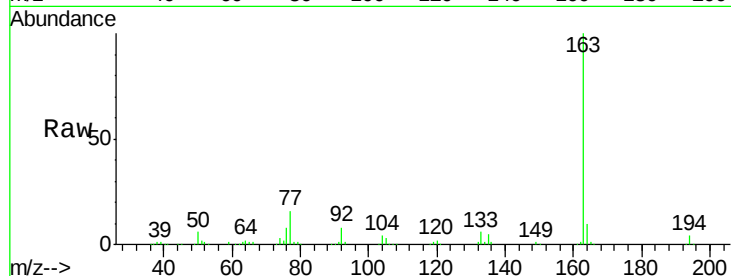




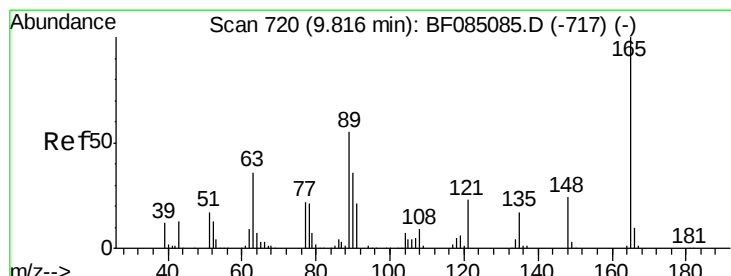
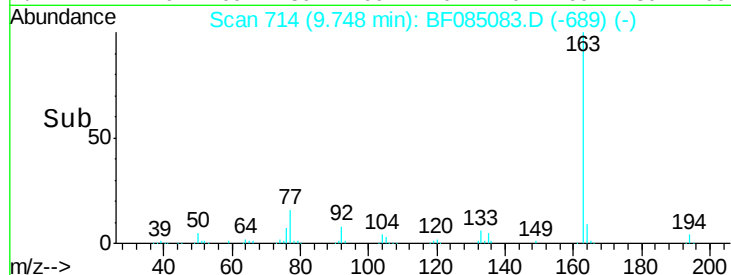
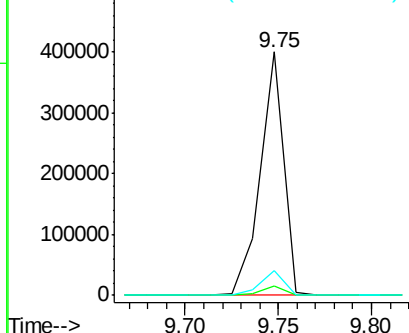
#49
Dimethylphthalate
Concen: 10.60 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 344320
Ion Ratio Lower Upper
163 100
194 3.8 2.5 3.7#
164 10.0 7.8 11.8

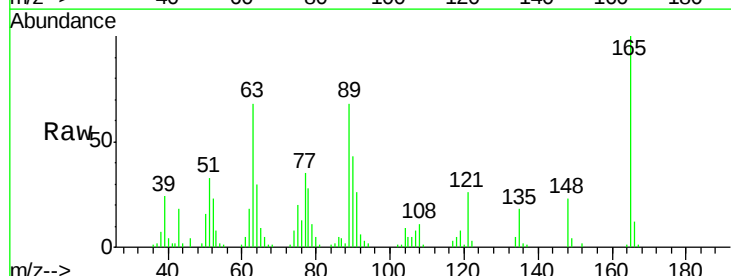


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

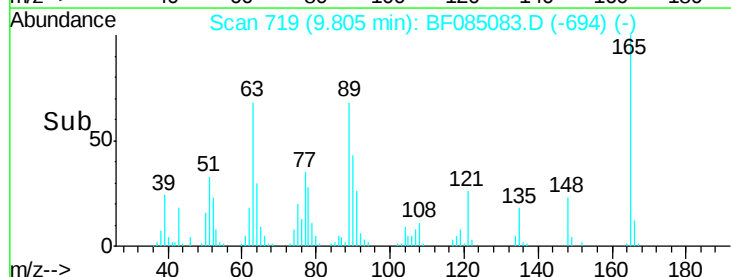
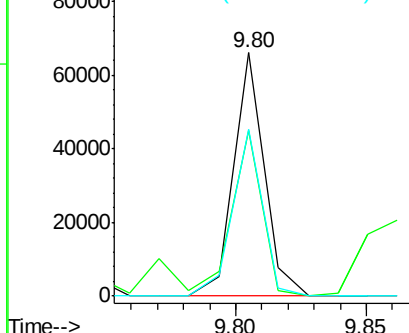


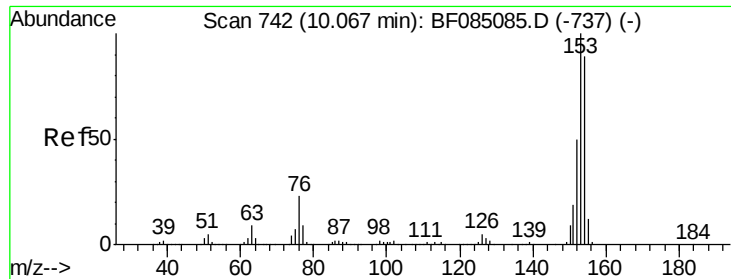
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion:165 Resp: 54163
Ion Ratio Lower Upper
165 100
63 68.2 47.5 71.3
89 68.4 42.9 64.3#



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: 10.64 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

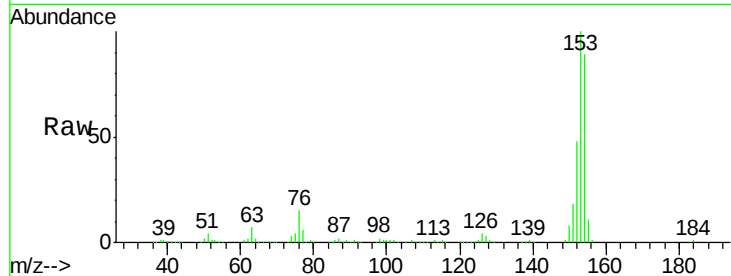
Tot Ion:154 Resp: 285343

Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

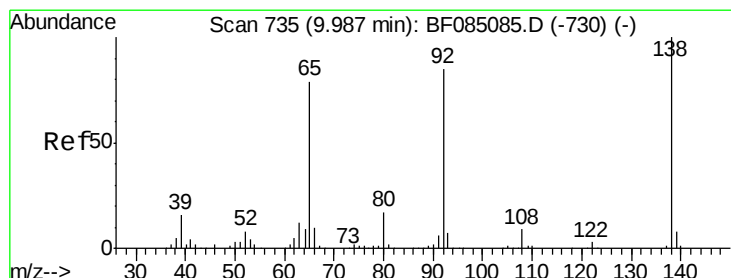
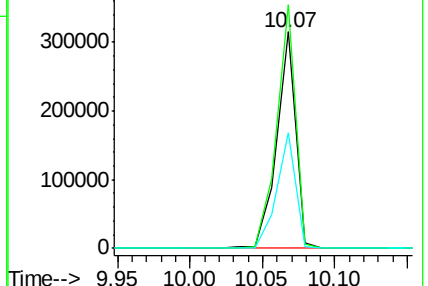
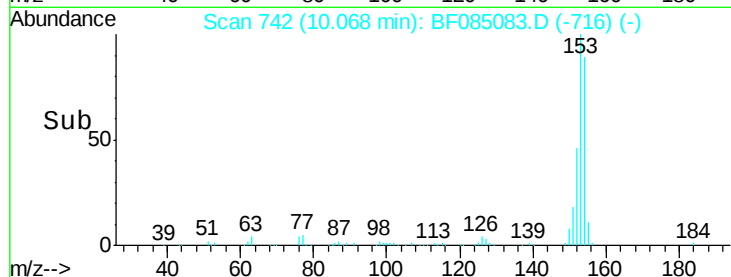
152 53.6 40.7 61.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.11 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

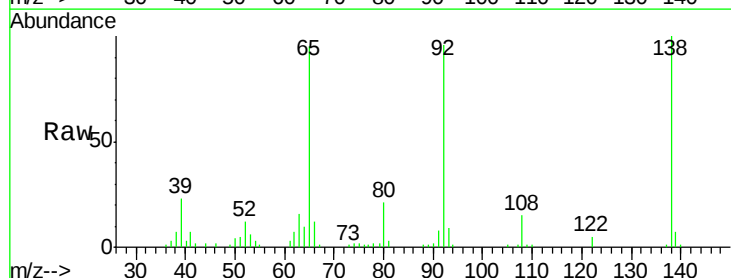
Tgt Ion:138 Resp: 60098

Ion Ratio Lower Upper

138 100

108 14.9 9.1 13.7#

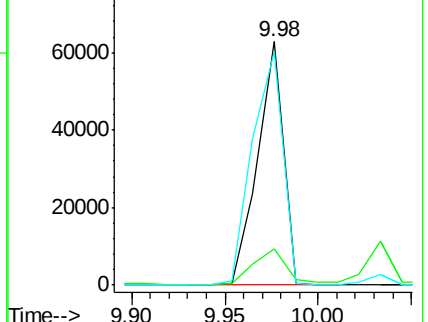
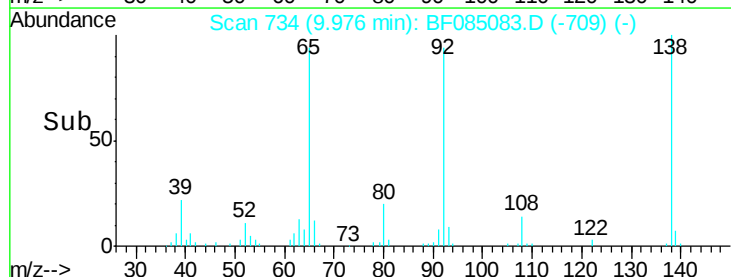
92 96.0 88.9 133.3

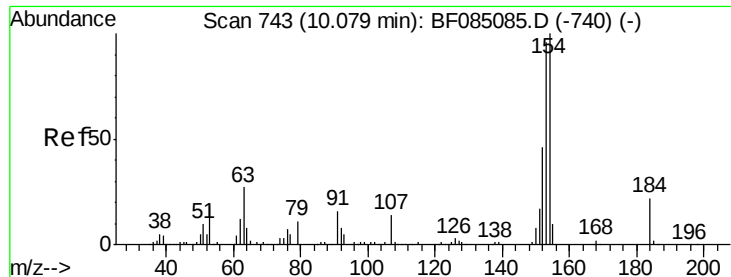


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

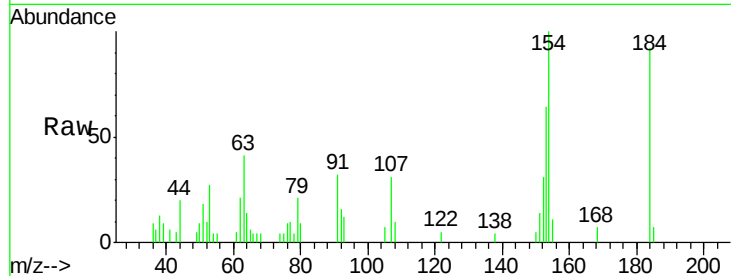




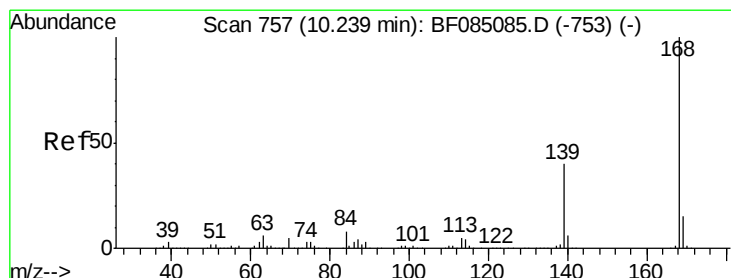
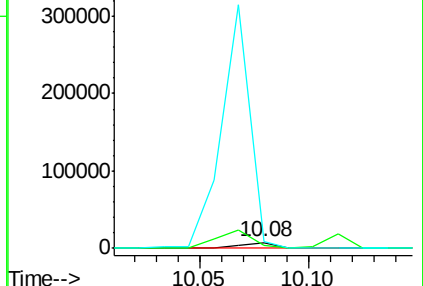
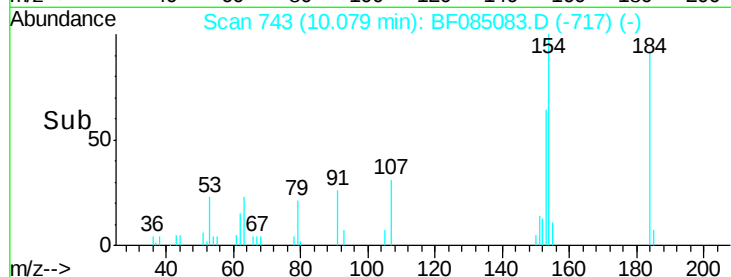
#53
2,4-Dinitrophenol
Concen: 3.61 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 7980
Ion Ratio Lower Upper
184 100
63 44.6 60.6 90.8#
154 108.1 70.2 105.2#

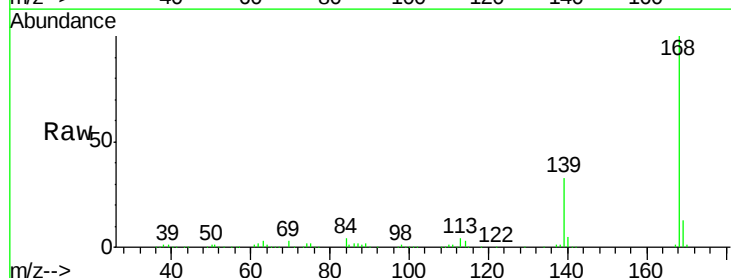


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

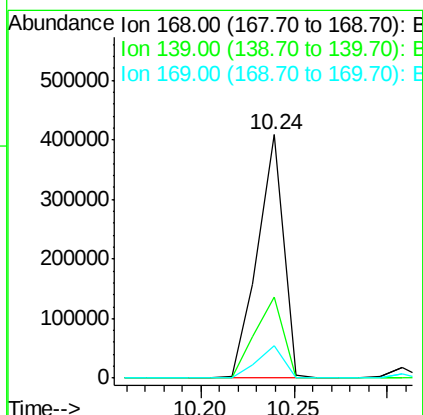
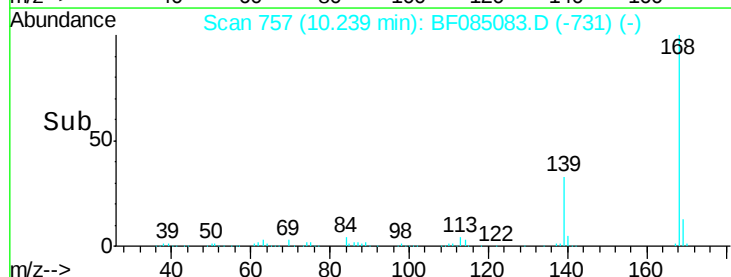


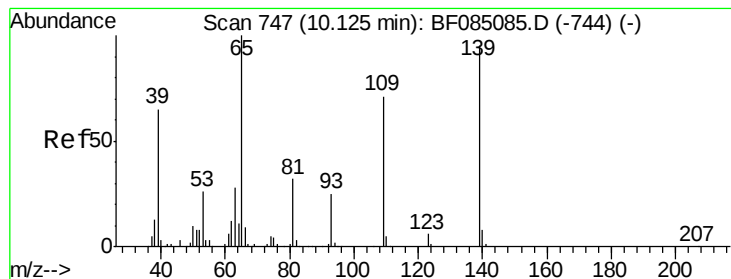
#54
Dibenzofuran
Concen: 10.98 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion:168 Resp: 393806
Ion Ratio Lower Upper
168 100
139 33.1 33.0 49.4
169 13.3 10.9 16.3



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





#55

4-Nitrophenol

Concen: 10.32 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampled :

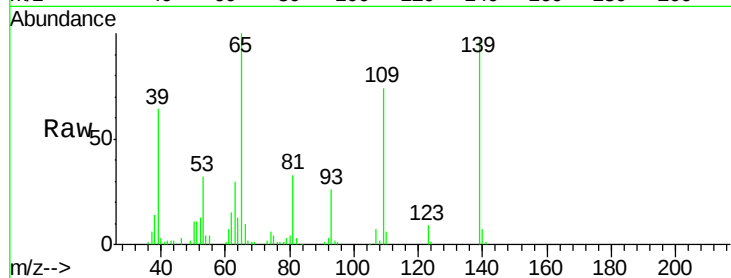
Tot Ion:139 Resp: 49030

Ion Ratio Lower Upper

139 100

109 76.2 48.7 88.7

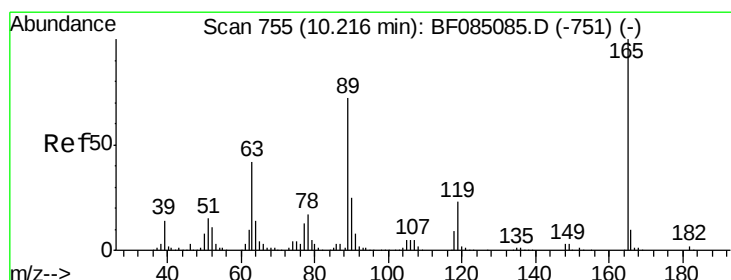
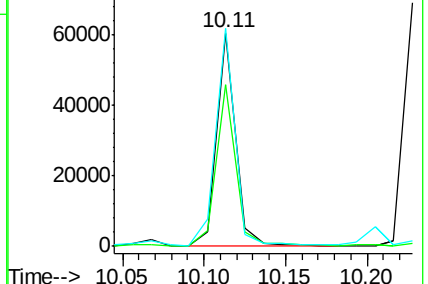
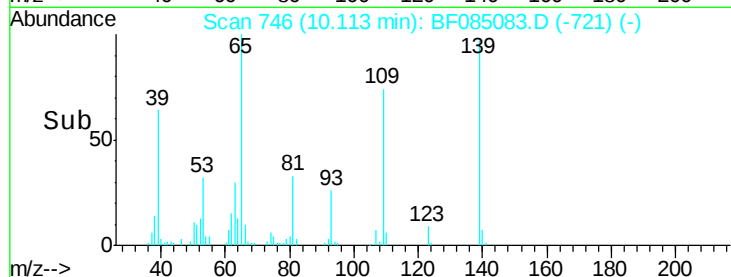
65 102.7 78.8 118.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.13 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion:165 Resp: 64762

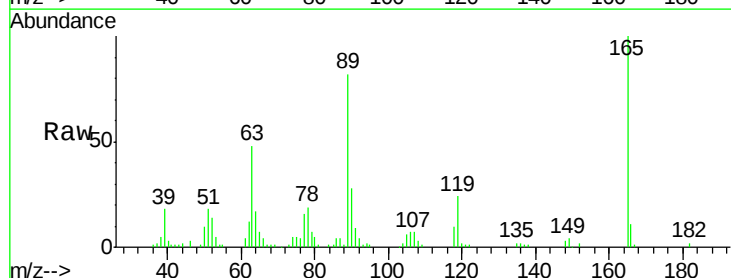
Ion Ratio Lower Upper

165 100

63 47.5 36.6 55.0

89 82.2 54.4 81.6#

182 2.2 1.6 2.4

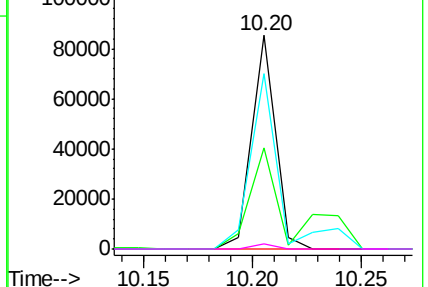
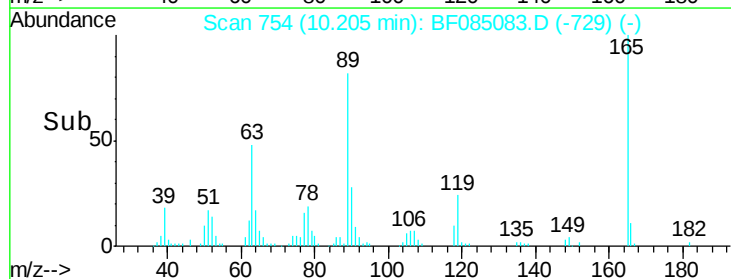


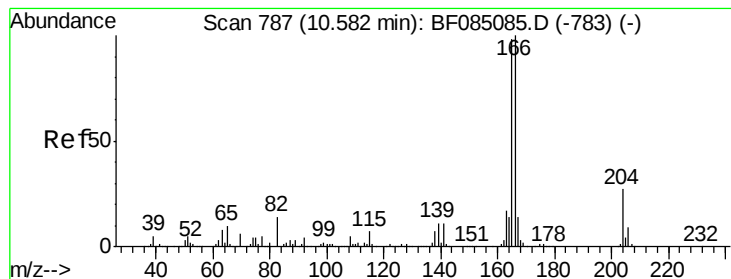
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 11.05 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

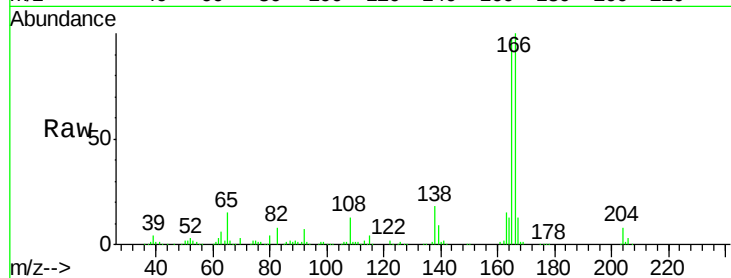
Tot Ion:166 Resp: 339806

Ion Ratio Lower Upper

166 100

165 96.6 78.9 118.3

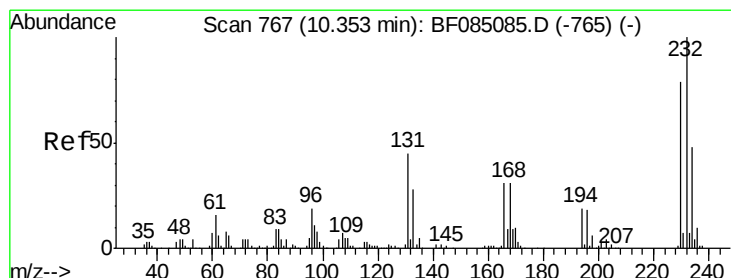
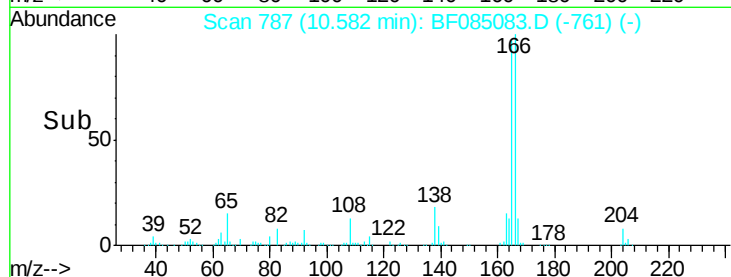
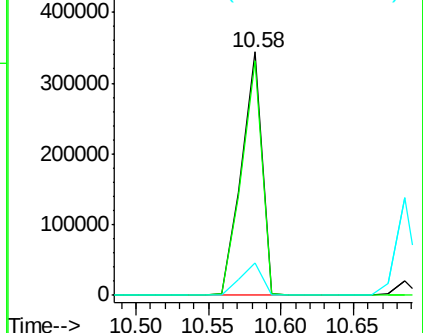
167 13.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.98 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion:232 Resp: 70928

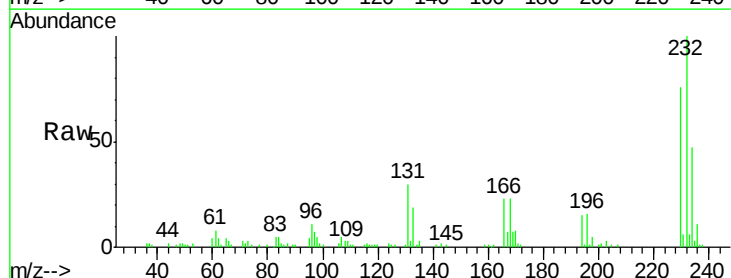
Ion Ratio Lower Upper

232 100

131 44.1 39.7 59.5

130 2.0 1.8 2.8

166 27.9 24.2 36.2

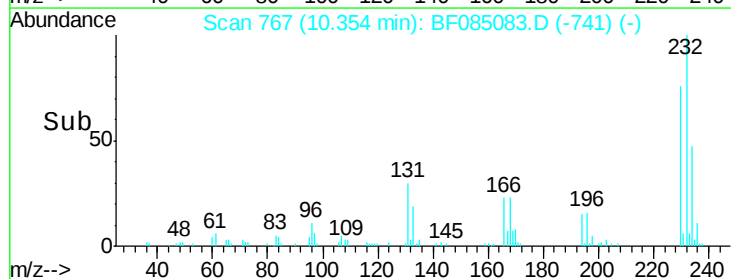
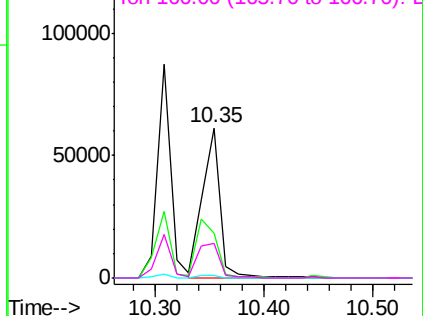


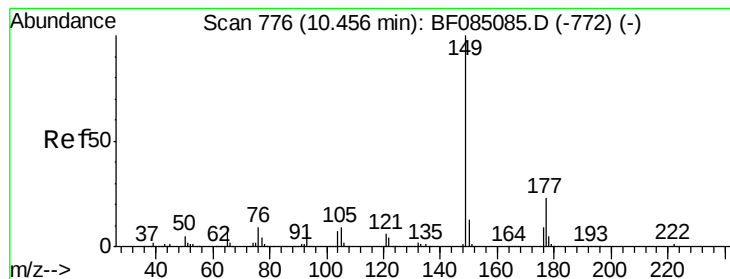
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 10.35 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampled :

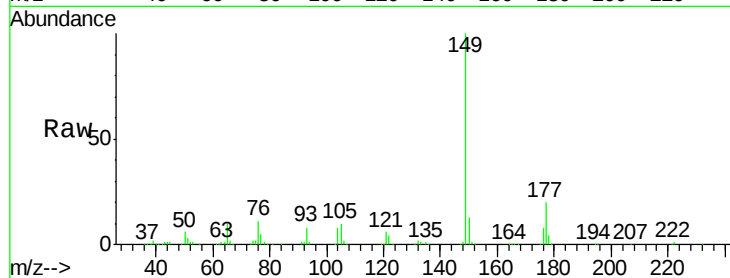
Tot Ion:149 Resp: 333132

Ion Ratio Lower Upper

149 100

177 20.2 16.4 24.6

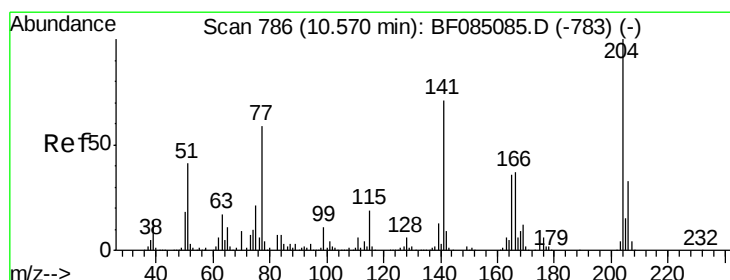
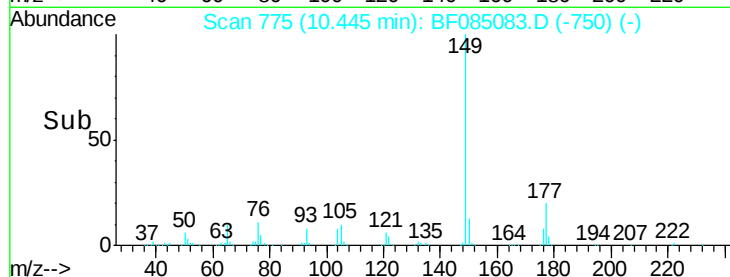
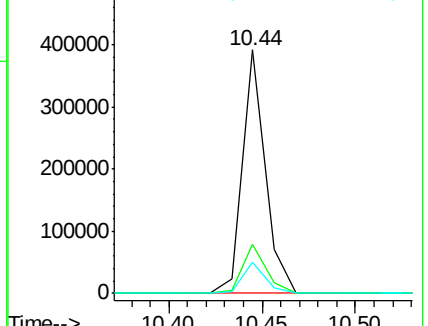
150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 11.36 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

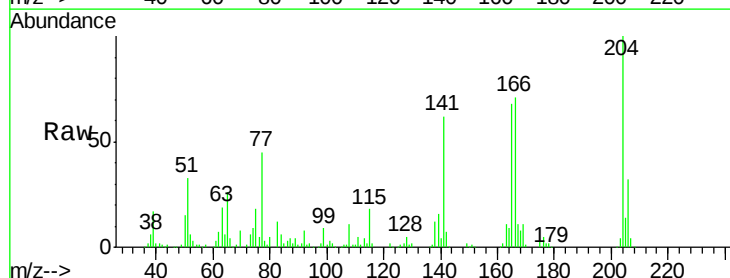
Tgt Ion:204 Resp: 167520

Ion Ratio Lower Upper

204 100

206 32.1 25.8 38.6

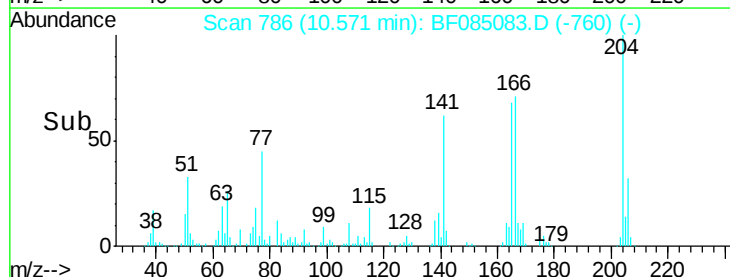
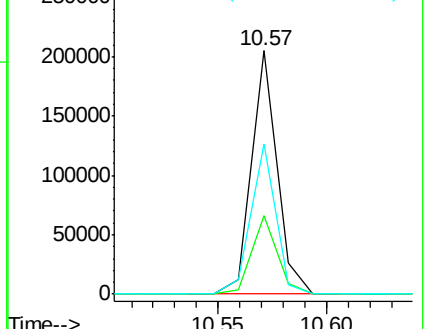
141 61.5 50.5 75.7

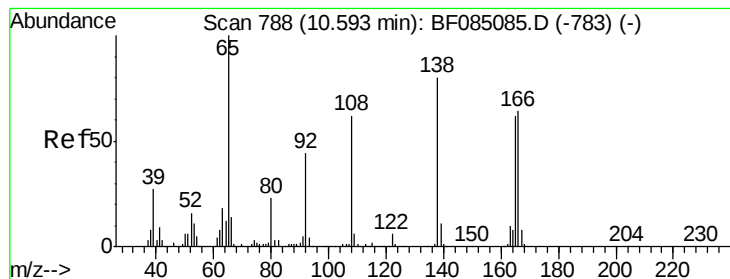


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 8.90 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

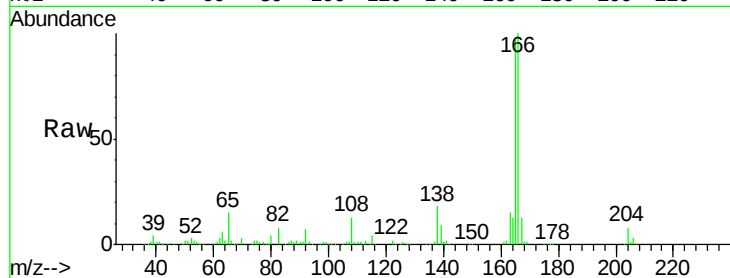
Tot Ion:138 Resp: 60580

Ion Ratio Lower Upper

138 100

92 41.0 32.6 72.6

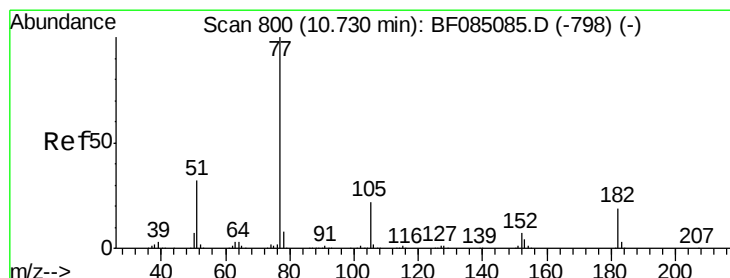
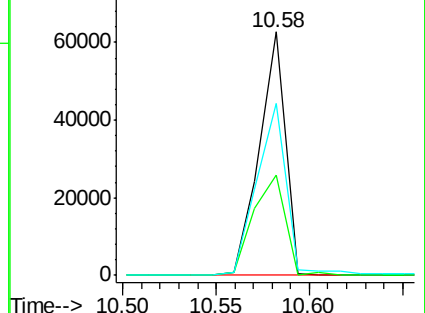
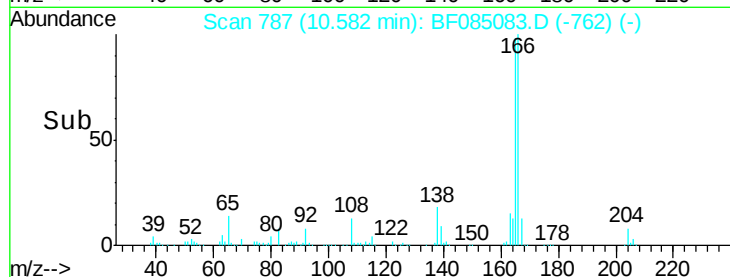
108 70.5 54.6 94.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 10.24 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Tgt Ion: 77 Resp: 317810

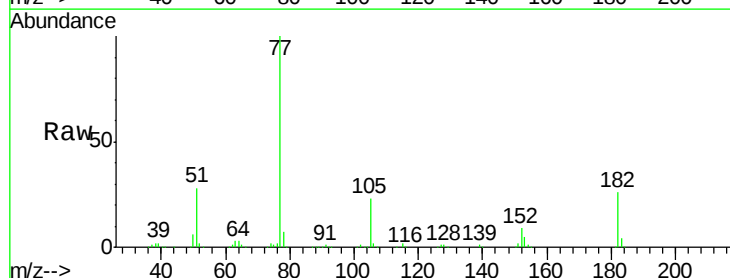
Ion Ratio Lower Upper

77 100

182 25.7 1.3 41.3

105 23.3 4.2 44.2

51 28.1 13.5 53.5

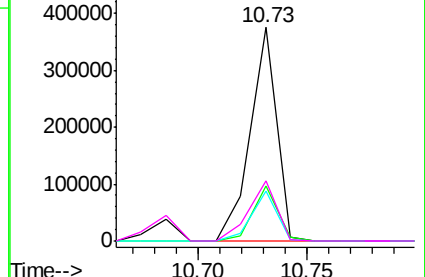
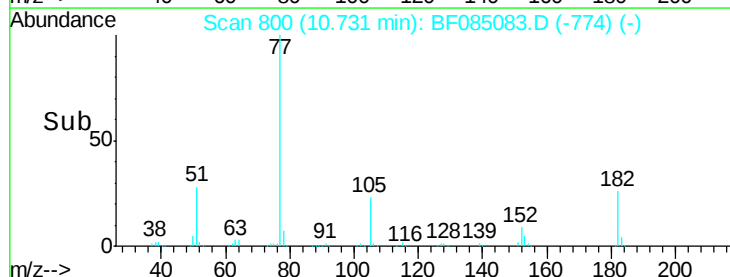


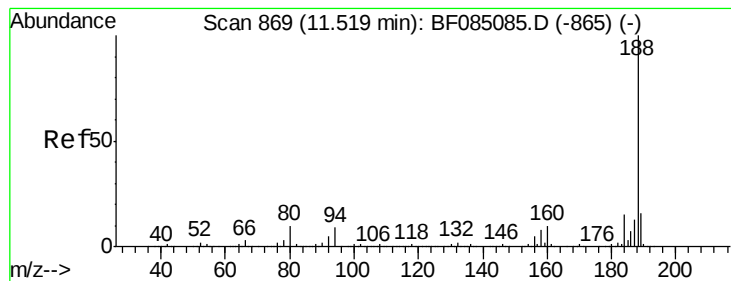
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

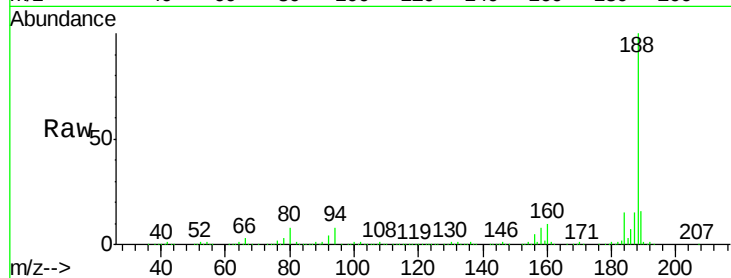
Tot Ion:188 Resp: 852802

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.2

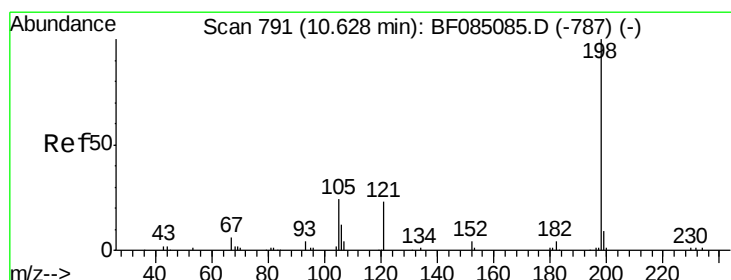
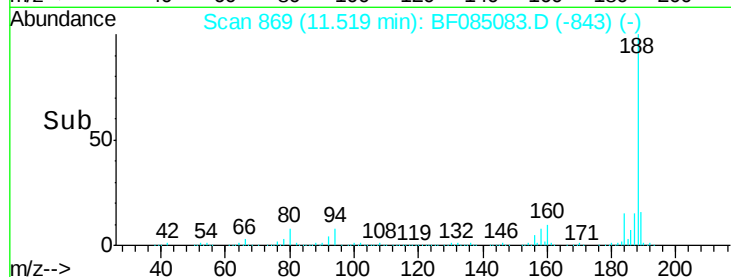
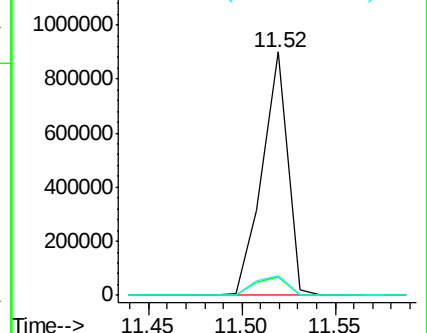
80 8.0 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 3.06 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

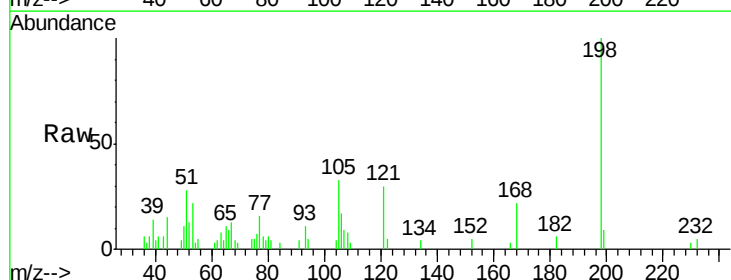
Tgt Ion:198 Resp: 13906

Ion Ratio Lower Upper

198 100

51 28.5 34.5 74.5#

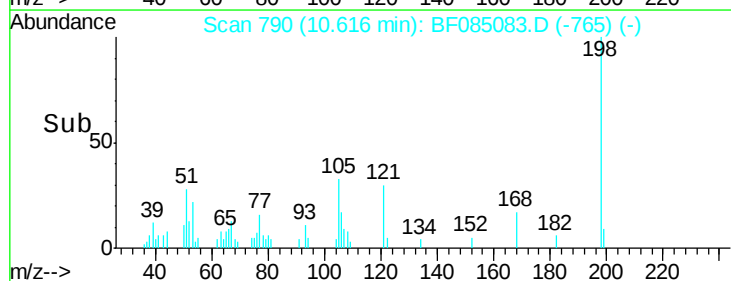
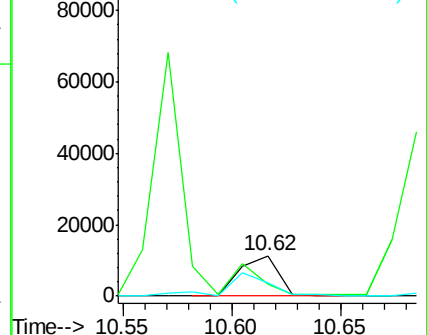
105 33.2 26.2 66.2

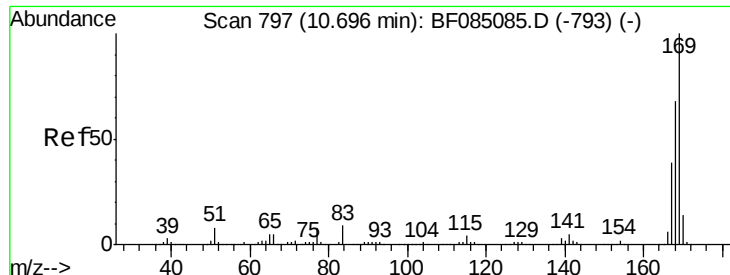


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

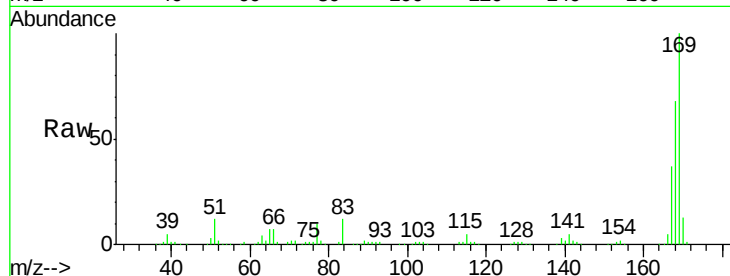




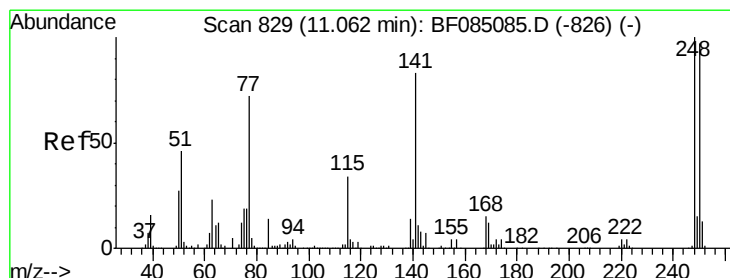
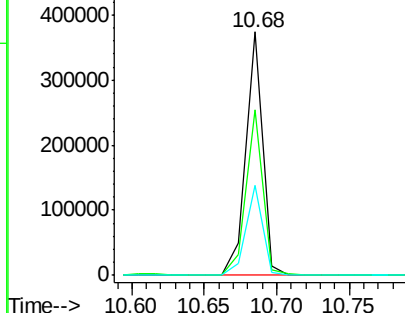
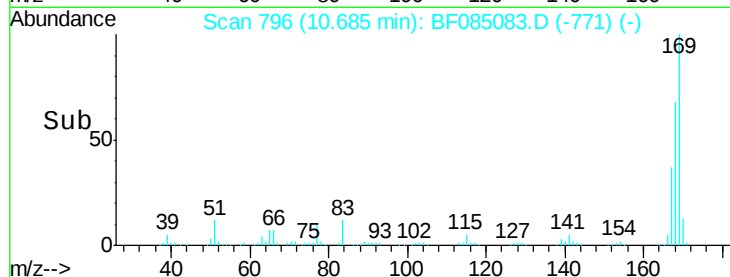
#65
 n-Nitrosodiphenylamine
 Concen: 11.14 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 301527
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.8 82.2
 167 37.0 29.8 44.8

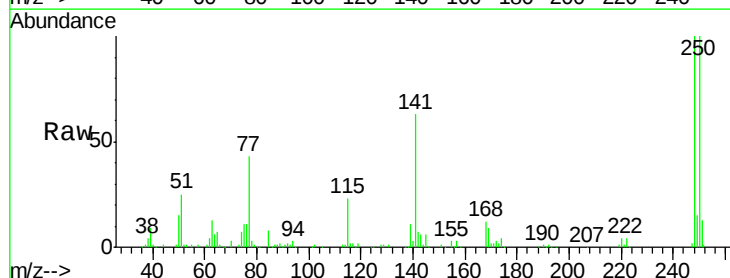


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

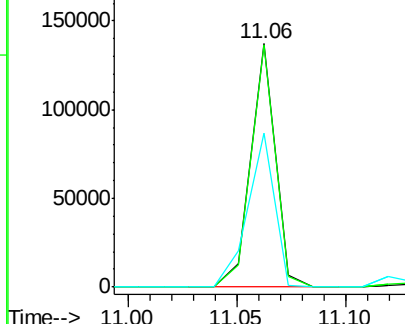
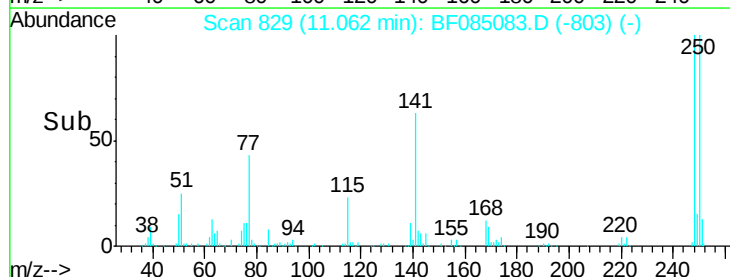


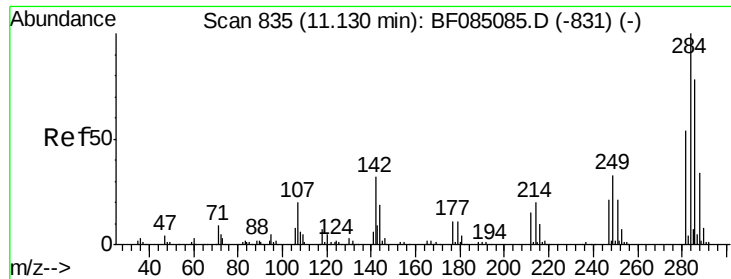
#66
 4-Bromophenyl-phenylether
 Concen: 11.33 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion:248 Resp: 107606
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.5 116.3
 141 63.0 58.2 87.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 10.97 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

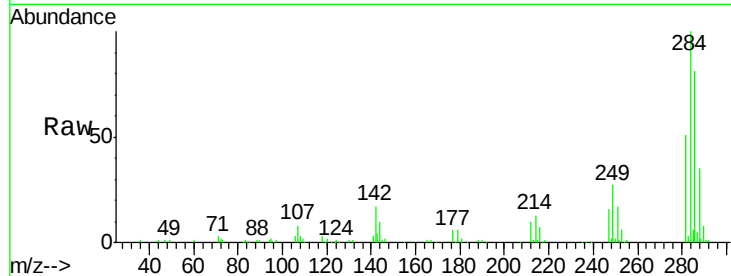
Tot Ion:284 Resp: 111396

Ion Ratio Lower Upper

284 100

142 17.0 33.5 50.3#

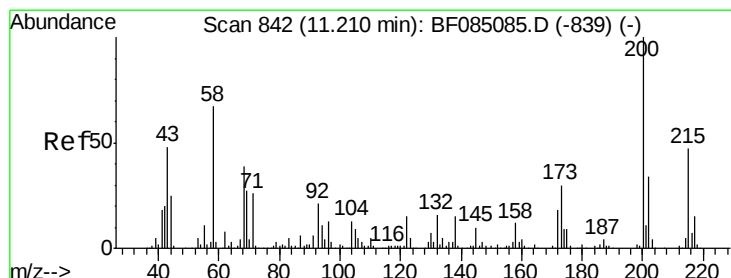
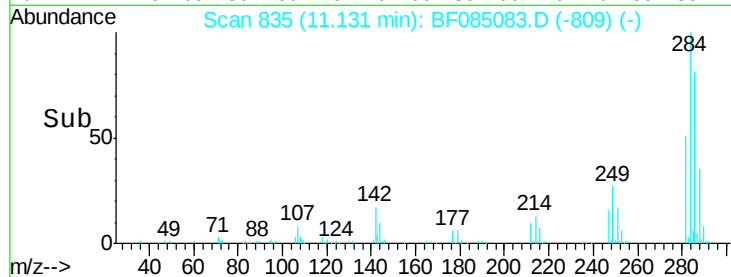
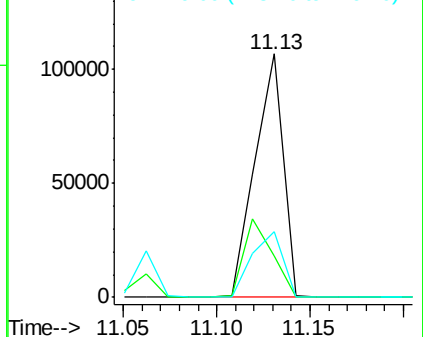
249 27.0 27.4 41.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.15 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

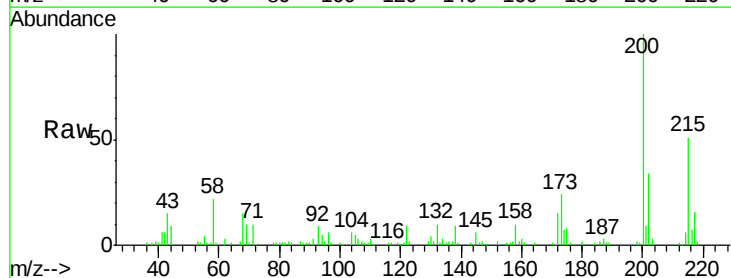
Tgt Ion:200 Resp: 79655

Ion Ratio Lower Upper

200 100

173 24.1 4.7 44.7

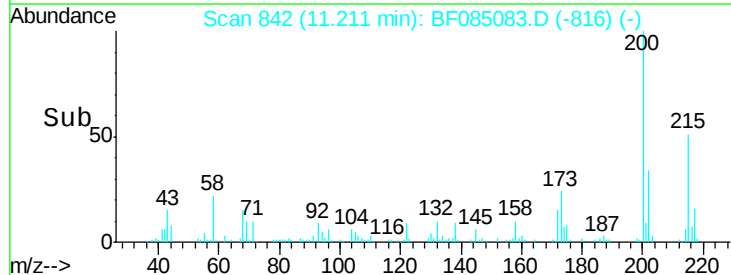
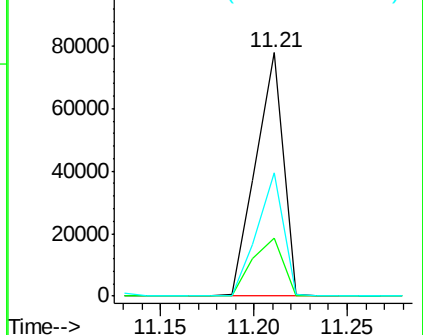
215 50.6 24.8 64.8

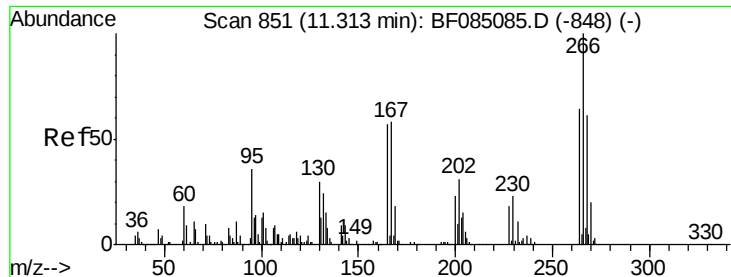


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

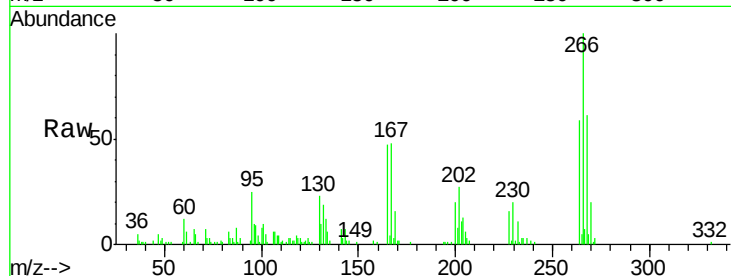




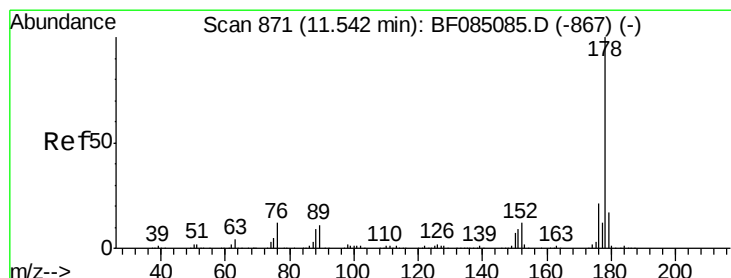
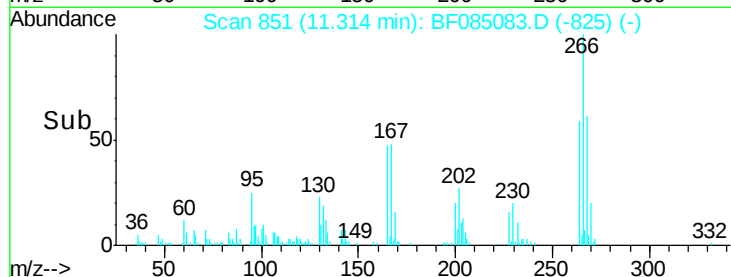
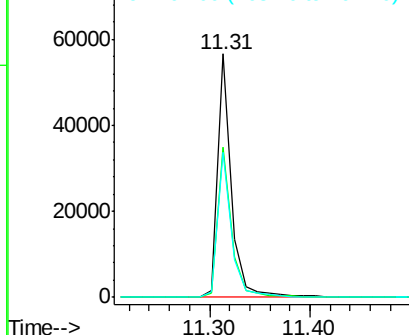
#69
 Pentachlorophenol
 Concen: 13.77 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	47.3	70.9
264	59.5	49.8	74.6

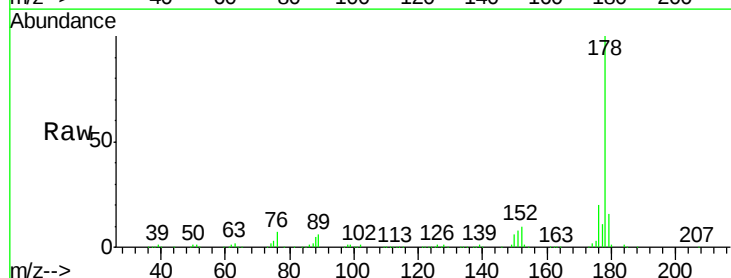


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

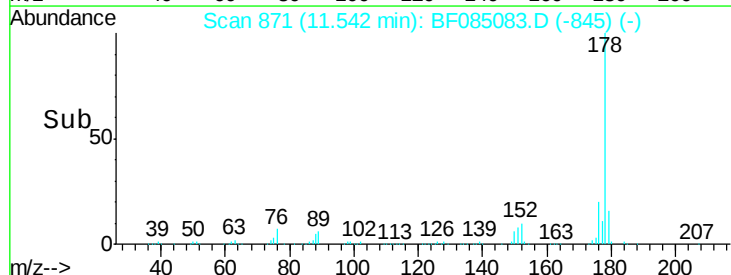
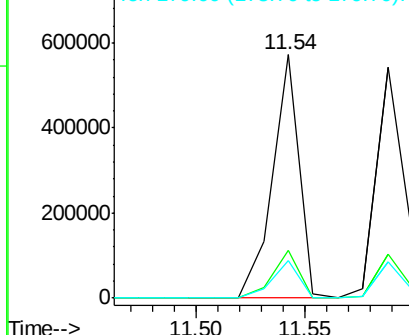


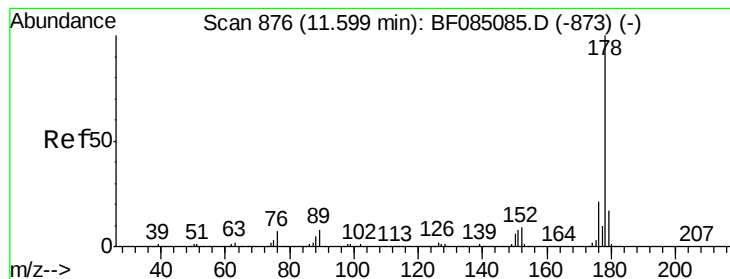
#70
 Phenanthrene
 Concen: 10.50 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.6	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: 9.92 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

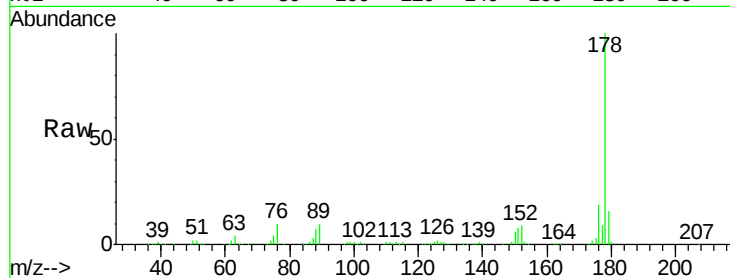
Tot Ion:178 Resp: 487488

Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

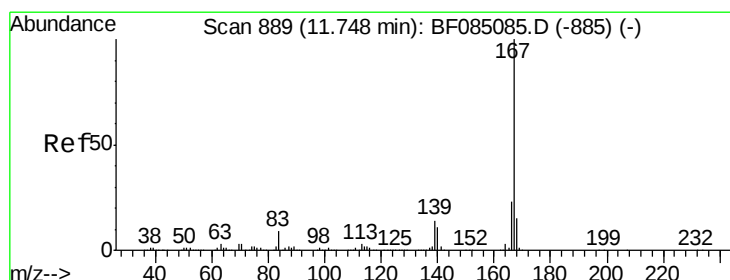
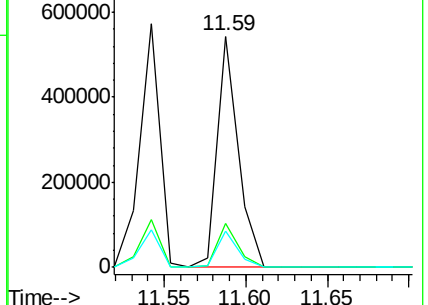
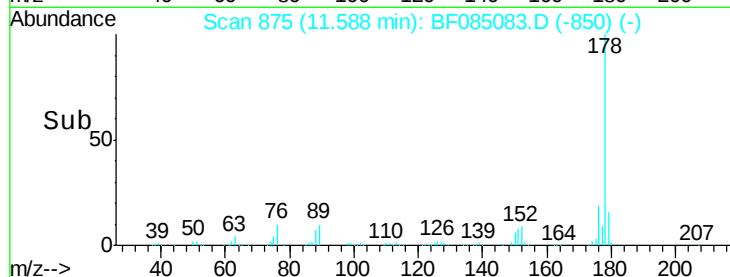
179 15.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 10.34 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

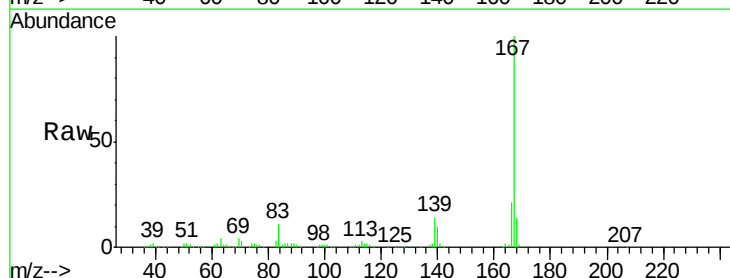
Tgt Ion:167 Resp: 420638

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

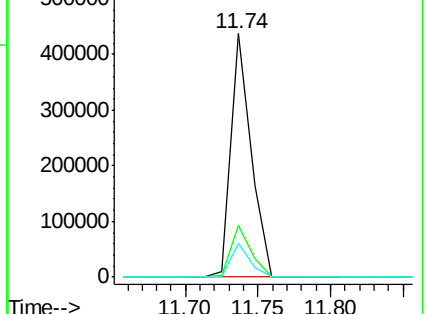
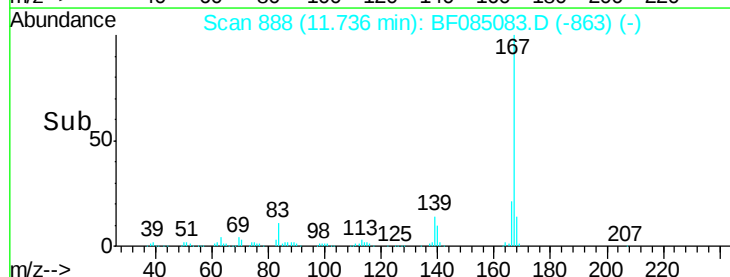
139 13.6 11.0 16.6

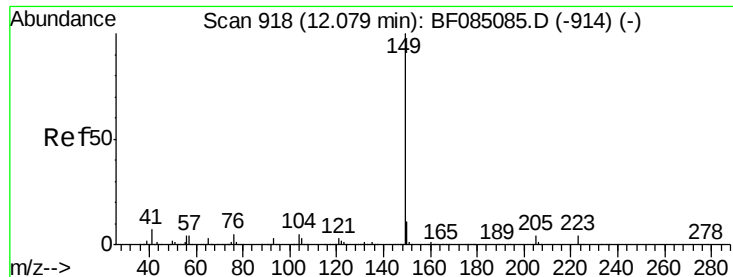


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 9.07 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

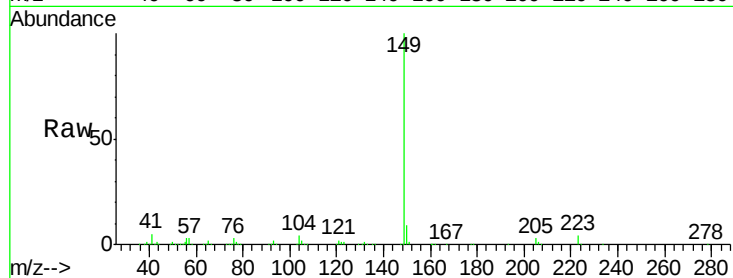
Tot Ion:149 Resp: 484398

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

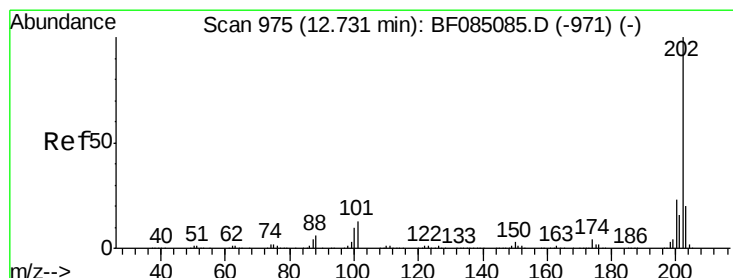
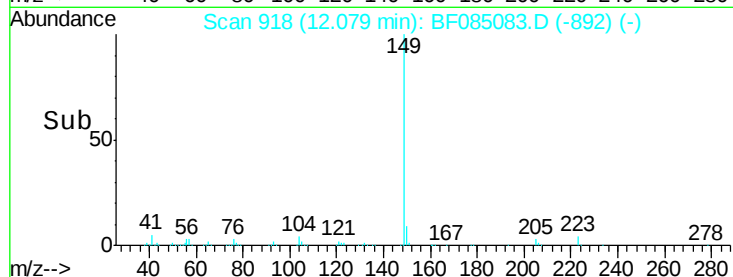
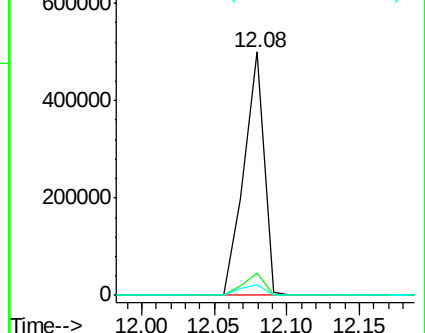
104 4.2 4.2 6.2



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: 11.05 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

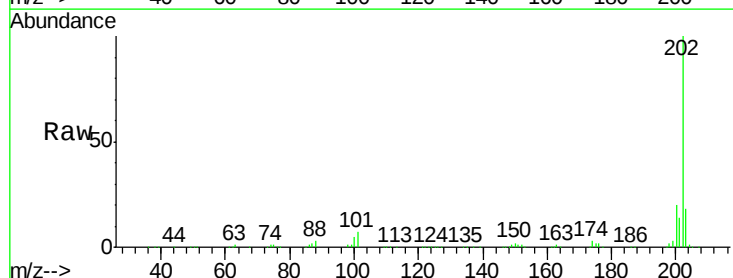
Tgt Ion:202 Resp: 517758

Ion Ratio Lower Upper

202 100

101 6.6 0.0 29.8

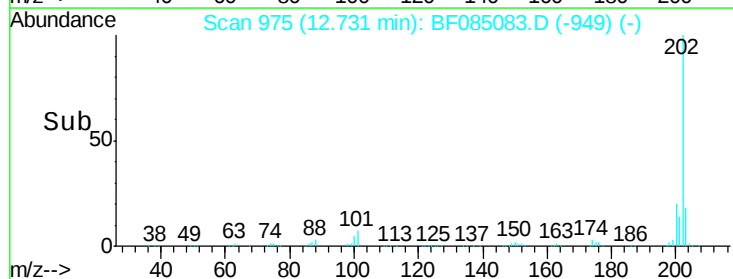
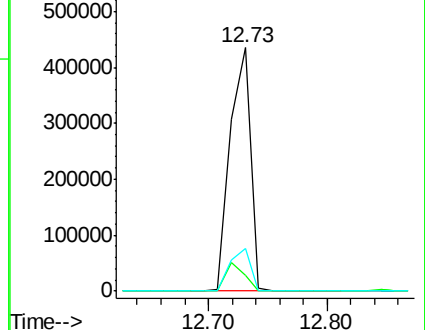
203 17.6 0.0 37.5

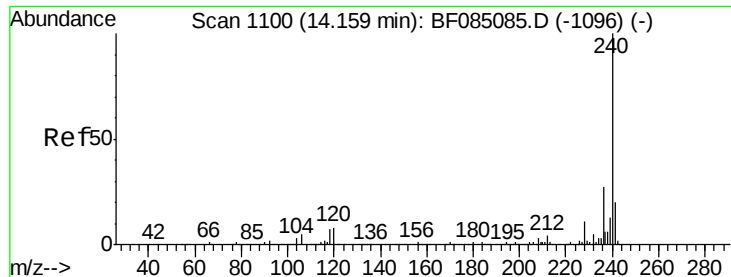


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleID :

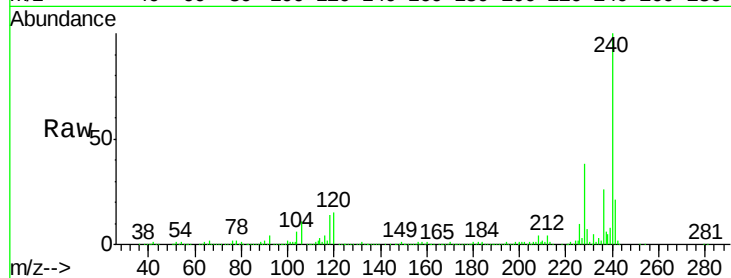
Tot Ion:240 Resp: 795612

Ion Ratio Lower Upper

240 100

120 15.3 7.0 10.6#

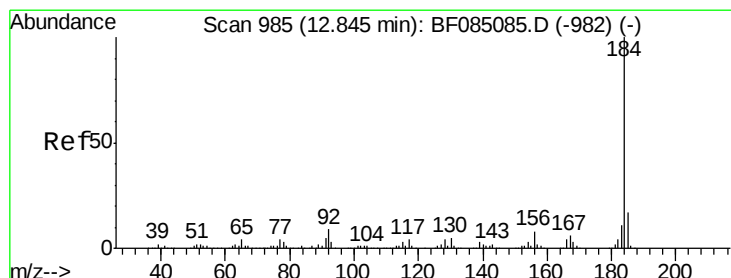
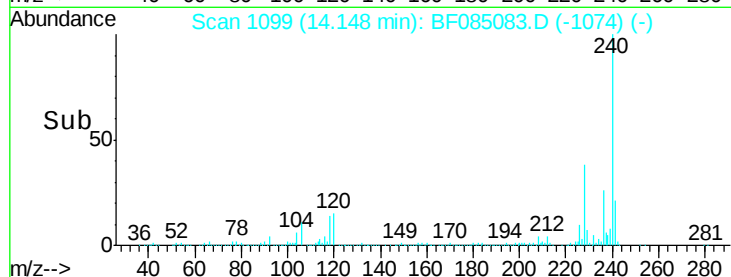
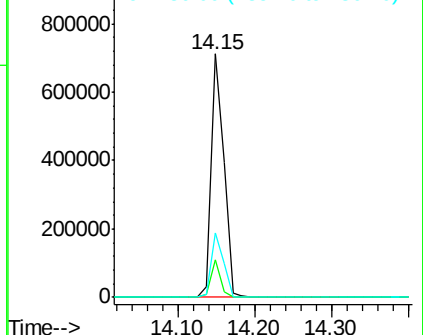
236 26.5 20.5 30.7



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: 21.01 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

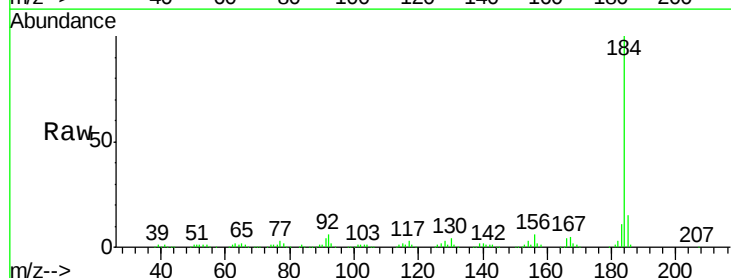
Tgt Ion:184 Resp: 294283

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

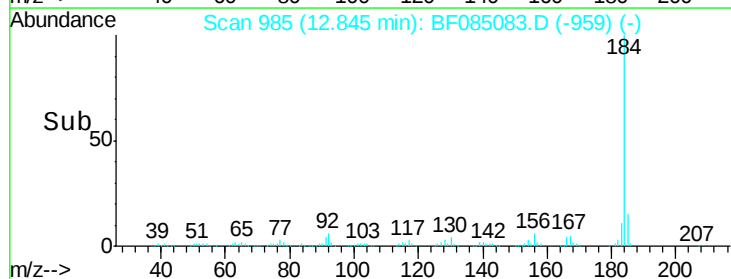
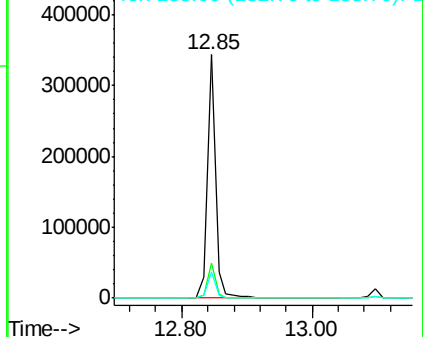
183 10.7 8.6 12.8

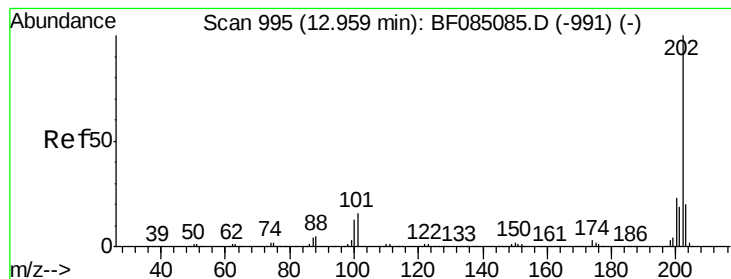


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 8.65 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

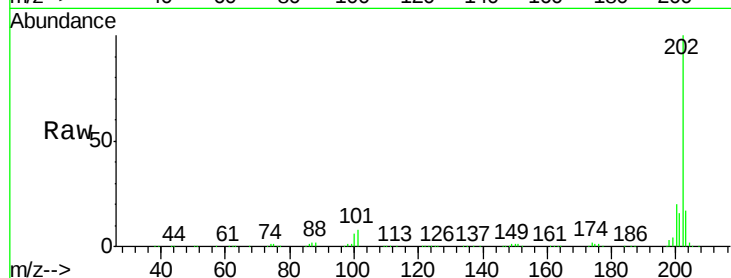
Tot Ion:202 Resp: 550757

Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.4

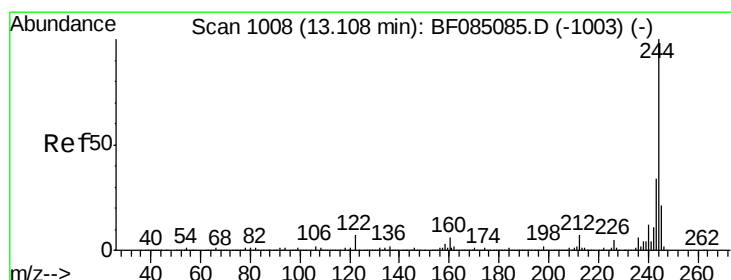
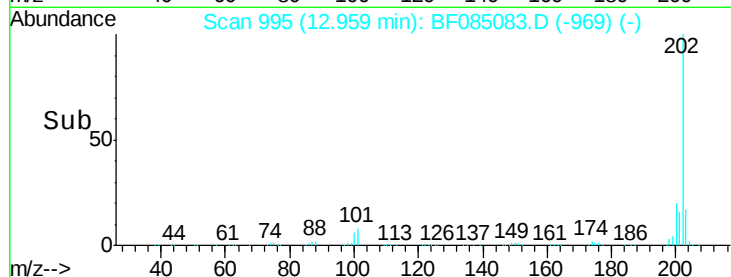
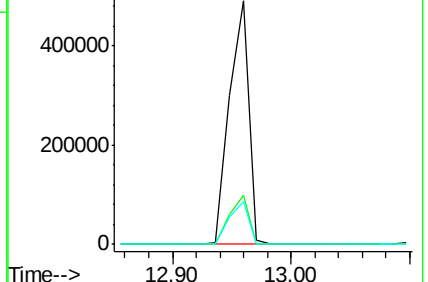
203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 18.73 ng

RT: 13.10 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

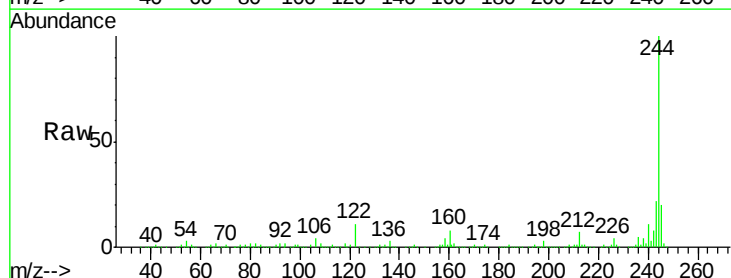
Tgt Ion:244 Resp: 724109

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

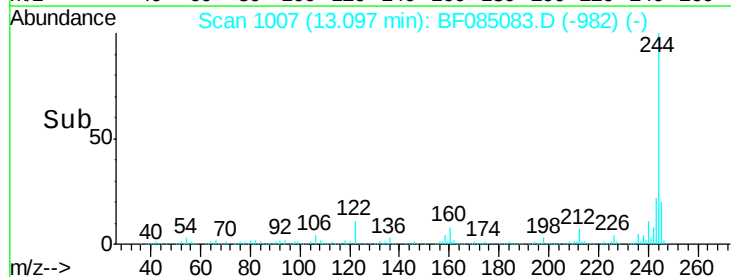
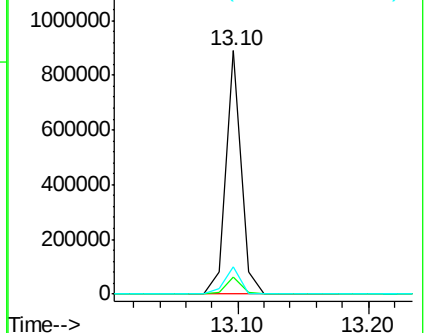
122 11.3 10.1 15.1

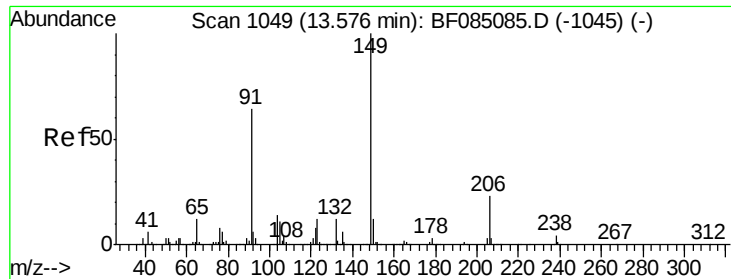


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

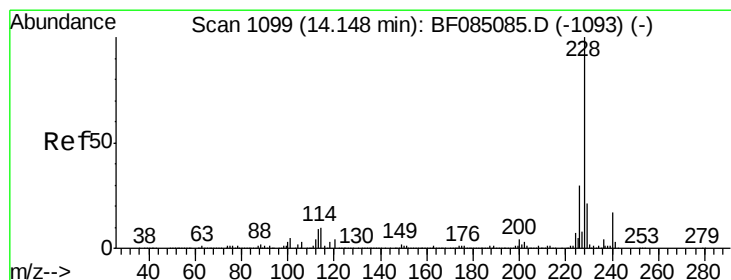
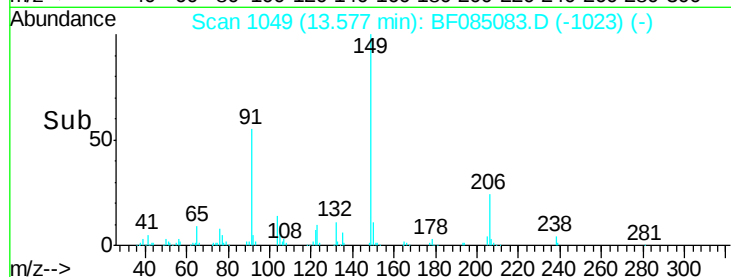
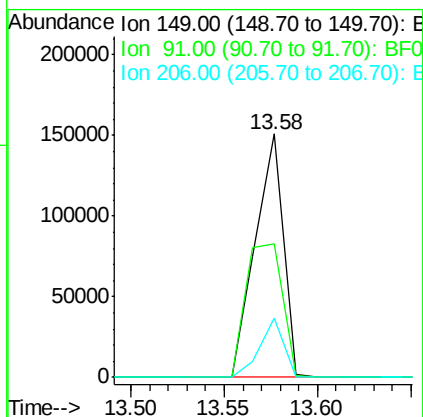
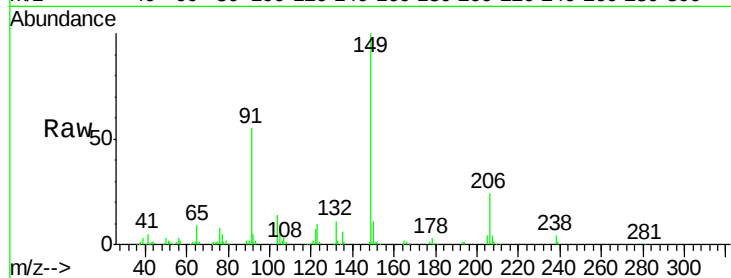




#79
Butylbenzylphthalate
Concen: 5.84 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

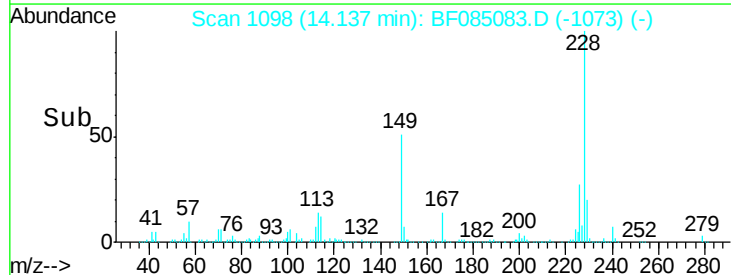
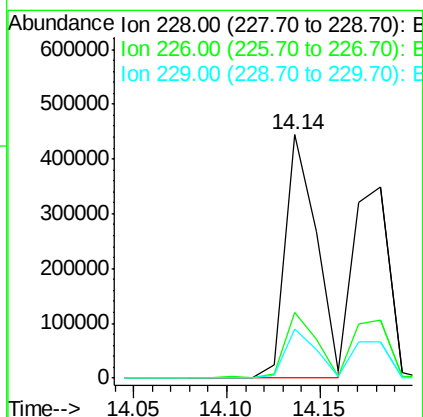
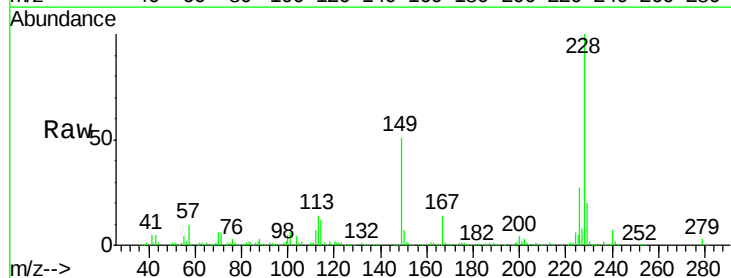
Instrument :
BNA_F
ClientSampleId :

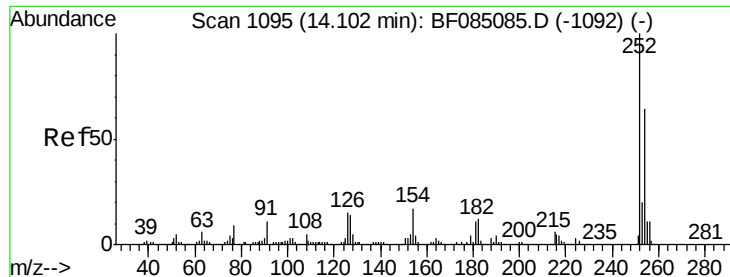
Tot Ion:149 Resp: 156360
Ion Ratio Lower Upper
149 100
91 54.7 57.8 86.8#
206 24.1 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 11.15 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF085083.D
Acq: 17 Feb 2016 12:47

Tgt Ion:228 Resp: 513728
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 20.3 15.8 23.8





#81

3,3'-Dichlorobenzidine

Concen: 13.78 ng

RT: 14.10 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

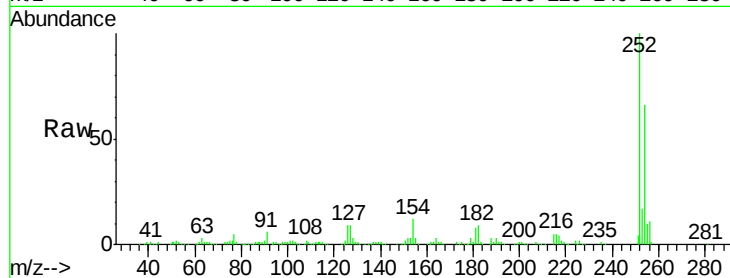
Tot Ion:252 Resp: 184514

Ion Ratio Lower Upper

252 100

254 65.9 52.9 79.3

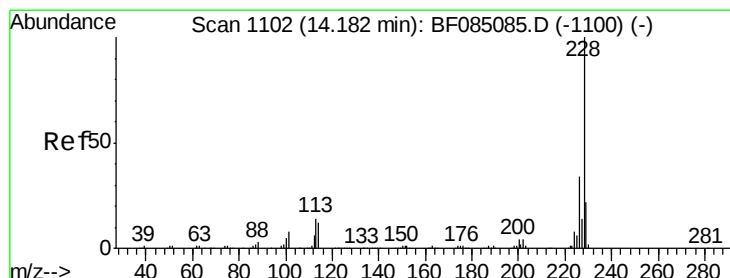
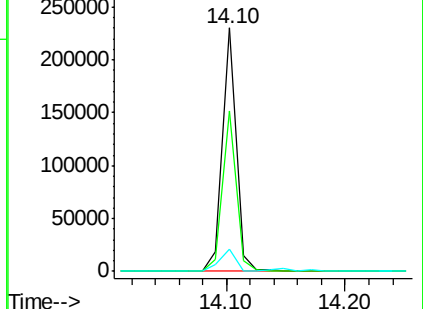
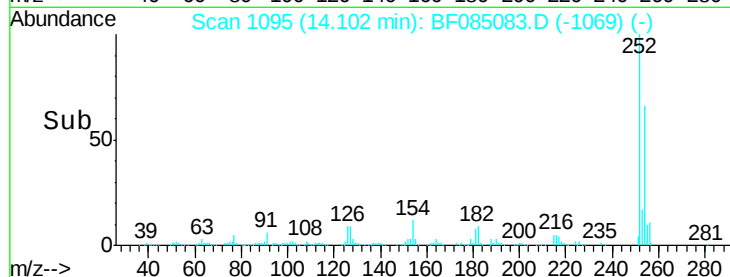
126 9.2 10.6 16.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 10.58 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

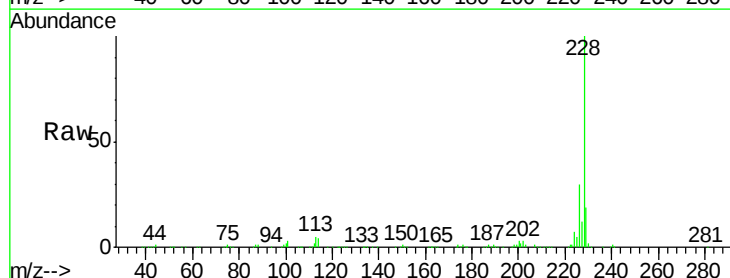
Tgt Ion:228 Resp: 472919

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

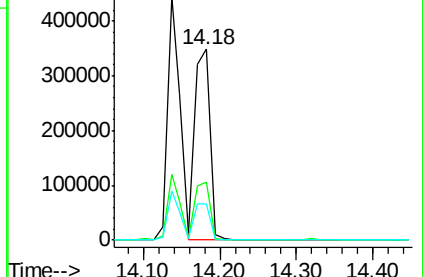
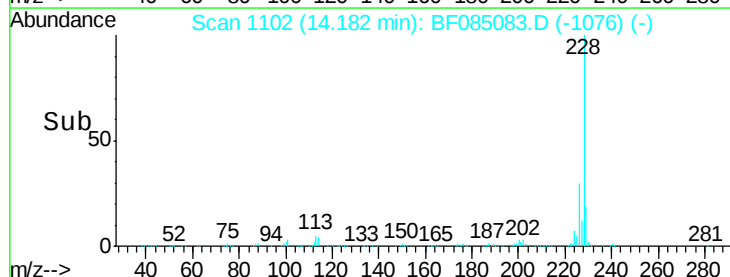
229 19.3 16.1 24.1

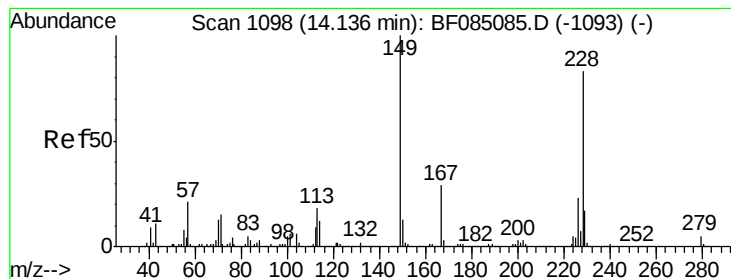


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.68 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

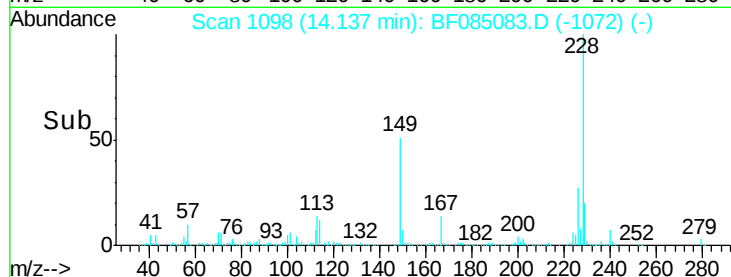
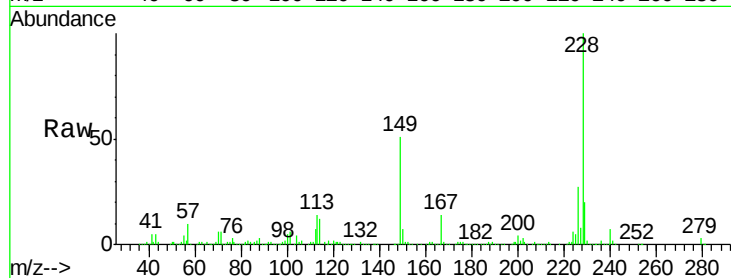
Tot Ion:149 Resp: 270179

Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.6

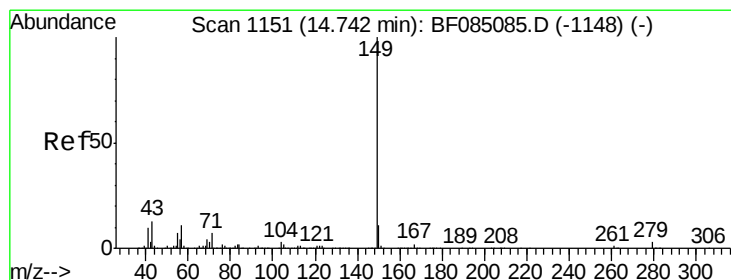
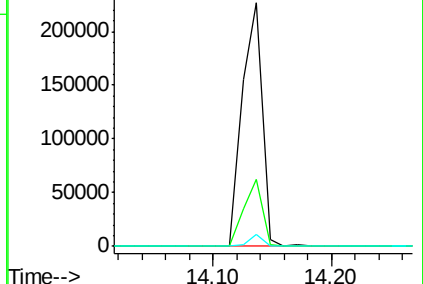
279 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.70 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

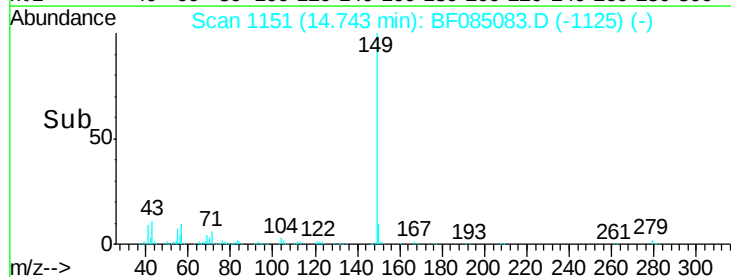
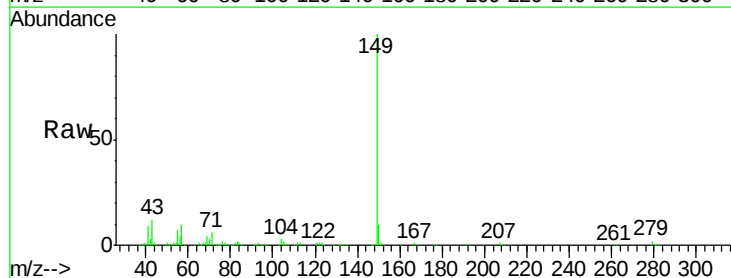
Tgt Ion:149 Resp: 434876

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

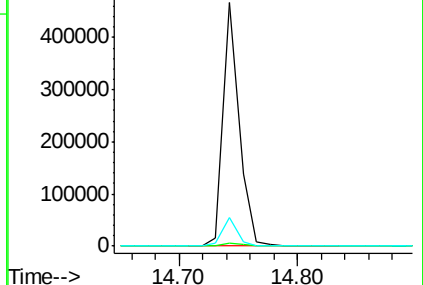
43 11.4 9.0 13.6

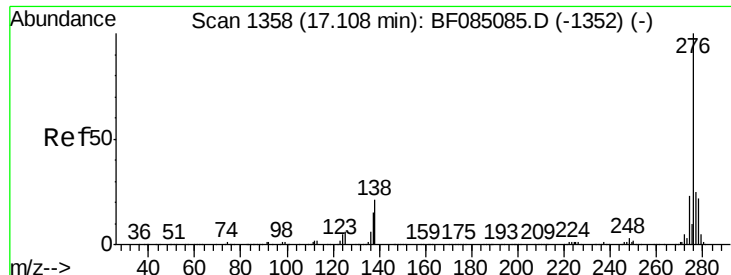


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

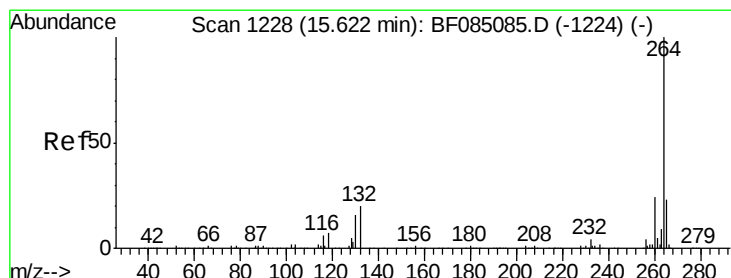
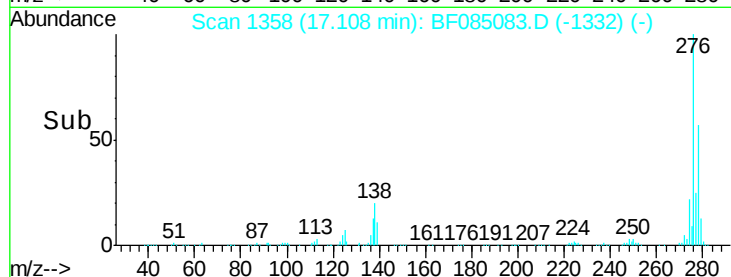
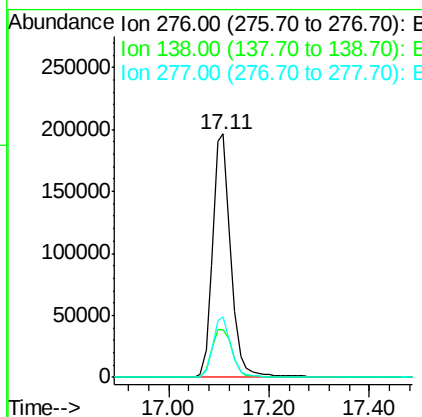
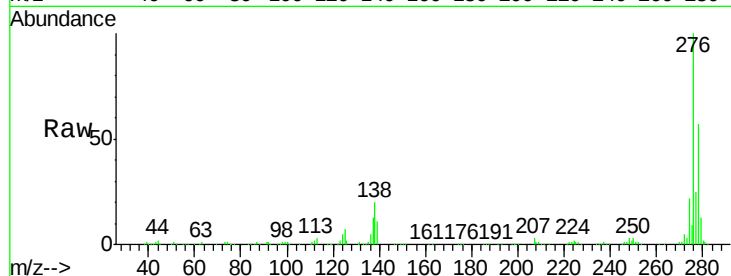




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.28 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

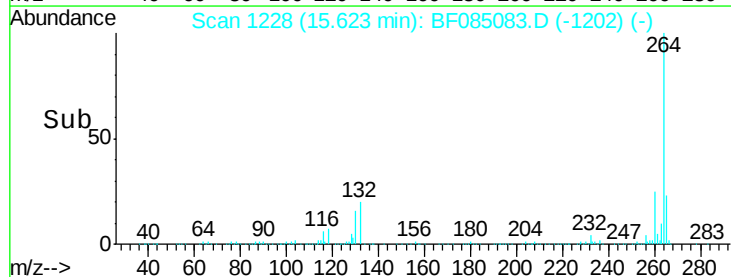
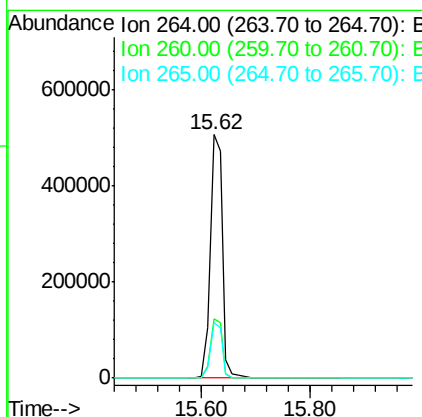
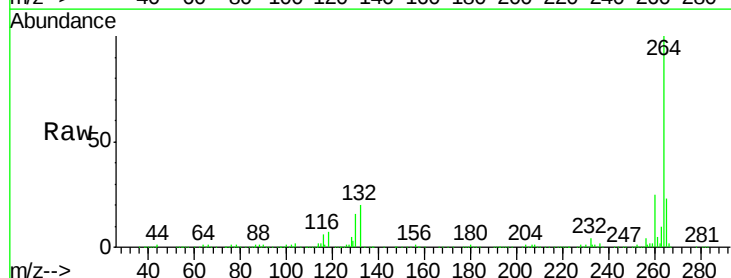
Instrument :
 BNA_F
 ClientSampled :

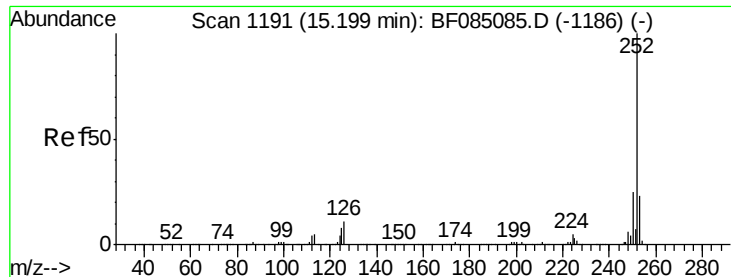
Tot Ion:276 Resp: 493129
 Ion Ratio Lower Upper
 276 100
 138 22.7 19.0 28.4
 277 24.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF085083.D
 Acq: 17 Feb 2016 12:47

Tgt Ion:264 Resp: 790179
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 22.7 16.7 25.1





#87

Benzo(b)fluoranthene

Concen: 10.86 ng

RT: 15.19 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

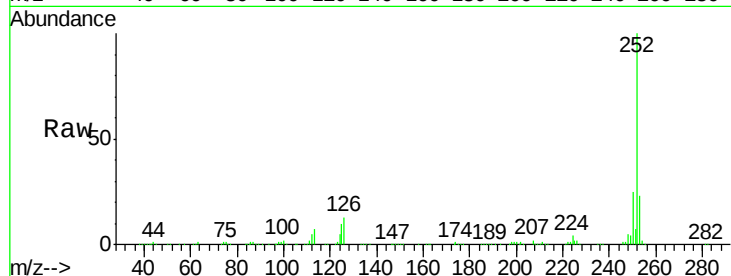
Tot Ion:252 Resp: 562606

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

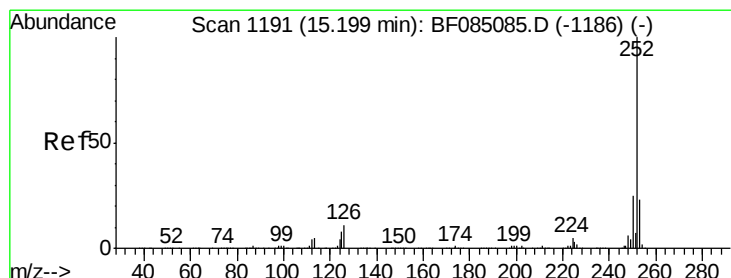
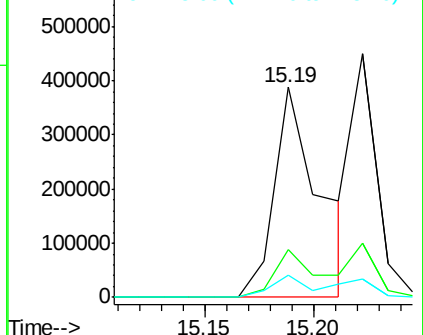
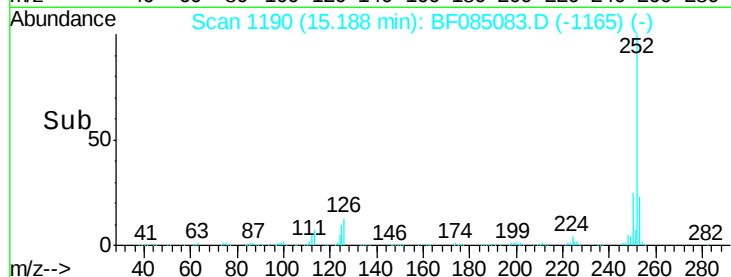
125 10.4 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 13.59 ng

RT: 15.19 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

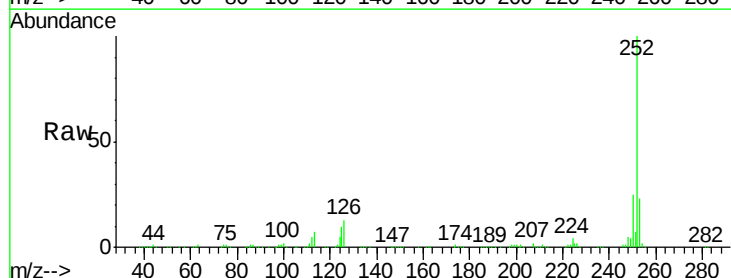
Tgt Ion:252 Resp: 562606

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

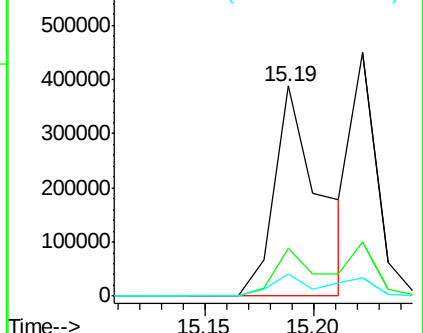
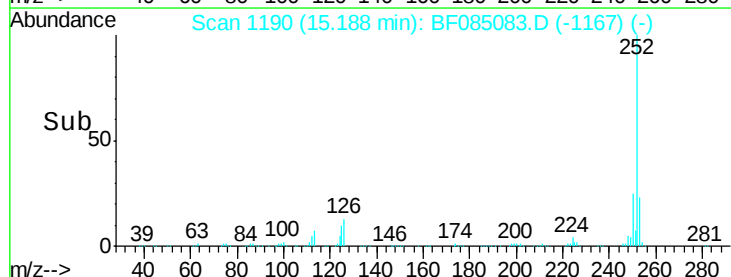
125 10.4 7.2 10.8

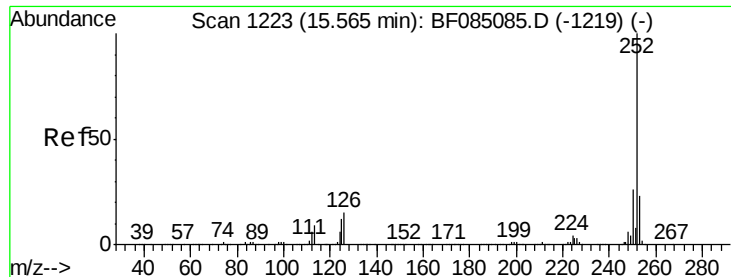


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.19 ng

RT: 15.57 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

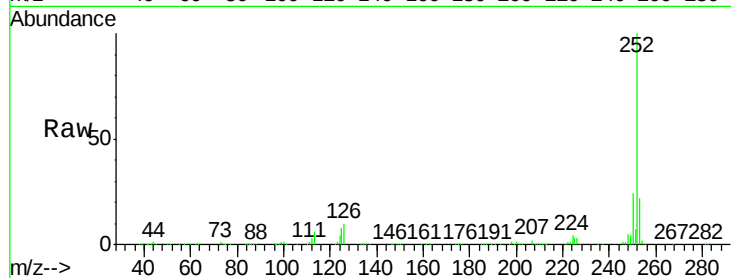
Tot Ion:252 Resp: 446287

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

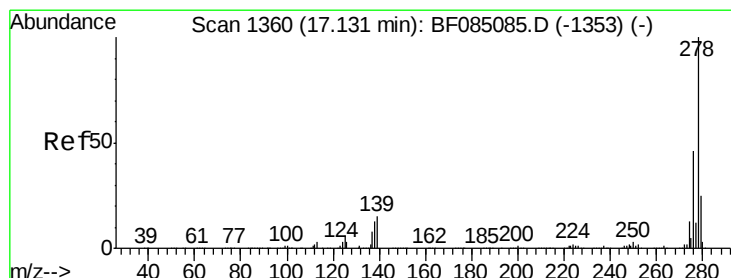
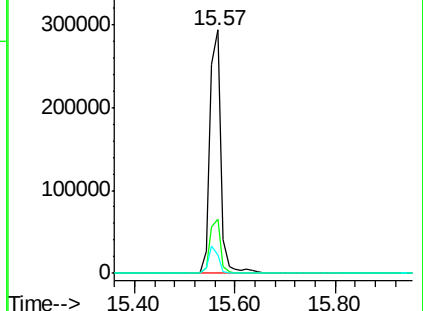
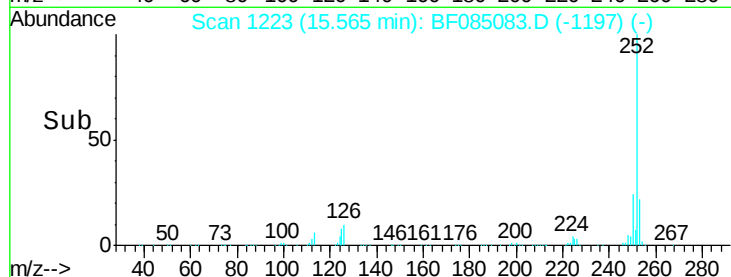
125 7.6 6.1 9.1



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: 9.80 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

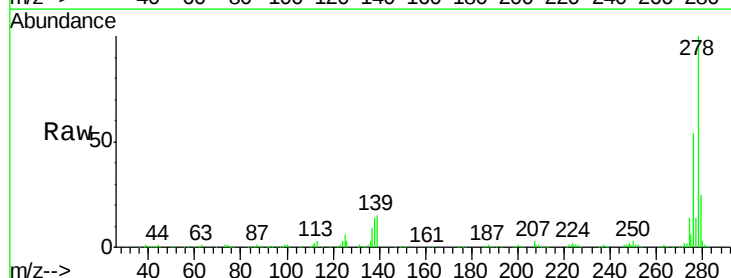
Tgt Ion:278 Resp: 407543

Ion Ratio Lower Upper

278 100

139 15.0 13.3 19.9

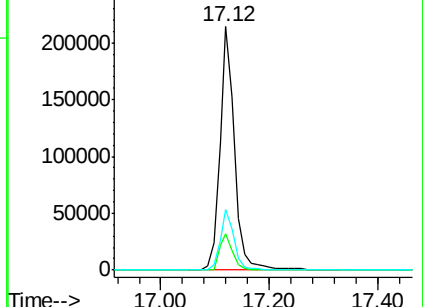
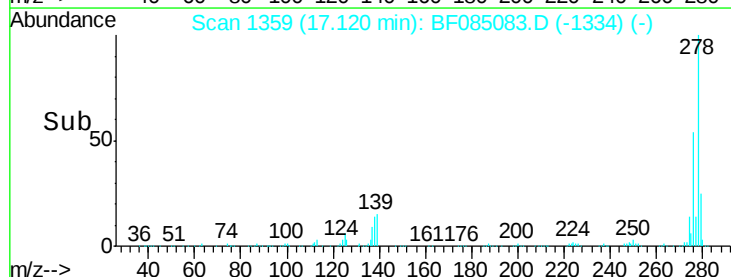
279 24.6 18.6 27.8

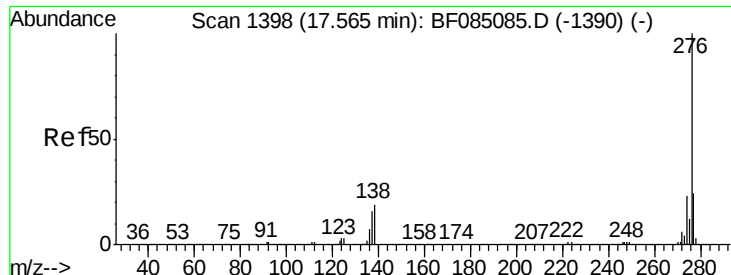


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 9.45 ng

RT: 17.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF085083.D

Acq: 17 Feb 2016 12:47

Instrument :

BNA_F

ClientSampleId :

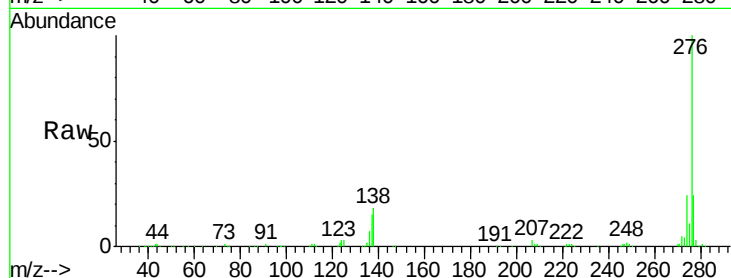
Tot Ion: 276 Resp: 408104

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 17.7 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

