

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085082.D
 Acq On : 17 Feb 2016 11:44
 Operator : SJ/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 14:28:09 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	232370	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	824608	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	438475	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	910670	20.00	ng	0.00
75) Chrysene-d12	14.15	240	860844	20.00	ng	-0.01
86) Perylene-d12	15.63	264	839121	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	60711	4.57	ng	0.00
7) Phenol-d6	6.59	99	83456	4.71	ng	-0.02
23) Nitrobenzene-d5	7.54	82	40862	2.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.82	330	17006	3.76	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	167435	5.46	ng	-0.01
78) Terphenyl-d14	13.10	244	200773	4.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	13939	2.55	ng	86
3) Pyridine	3.53	79	34442	2.69	ng	90
4) n-Nitrosodimethylamine	3.43	42	17286	2.63	ng	# 92
6) Aniline	6.65	93	53334	2.91	ng	# 66
8) 2-Chlorophenol	6.76	128	37044	2.27	ng	98
9) Benzaldehyde	6.54	77	27420	2.87	ng	95
10) Phenol	6.60	94	48166	2.33	ng	# 46
11) bis(2-Chloroethyl)ether	6.72	93	37346	1.92	ng	98
12) 1,3-Dichlorobenzene	7.16	146	41209	2.54	ng	96
13) 1,4-Dichlorobenzene	7.00	146	40909	2.26	ng	95
14) 1,2-Dichlorobenzene	7.16	146	41213	2.43	ng	96
15) Benzyl Alcohol	7.12	79	28019	2.59	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	55621	2.04	ng	94
17) 2-Methylphenol	7.23	107	27589	2.33	ng	# 81
18) Hexachloroethane	7.51	117	13525	2.03	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	27311	2.45	ng	90
20) 3+4-Methylphenols	7.38	107	37727	2.53	ng	91
22) Acetophenone	7.39	105	61481	2.91	ng	# 97
24) Nitrobenzene	7.56	77	27358	1.79	ng	90
25) Isophorone	7.80	82	76624	3.06	ng	98
26) 2-Nitrophenol	7.88	139	4679	0.64	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	35038	2.96	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	44355	2.85	ng	99
29) 2,4-Dichlorophenol	8.12	162	26305	2.45	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	36139	2.92	ng	98
31) Naphthalene	8.30	128	117970	2.95	ng	99
32) Benzoic acid	7.92	122	35038	6.73	ng	# 13
33) 4-Chloroaniline	8.34	127	47300	3.12	ng	96
34) Hexachlorobutadiene	8.42	225	21847	3.15	ng	94
35) Caprolactam	8.66	113	6680	2.31	ng	92
36) 4-Chloro-3-methylphenol	8.81	107	29750	2.44	ng	94
37) 2-Methylnaphthalene	8.99	142	73303	2.87	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	37287	2.63	ng	95
40) Hexachlorocyclopentadiene	9.14	237	12206	2.59	ng	99

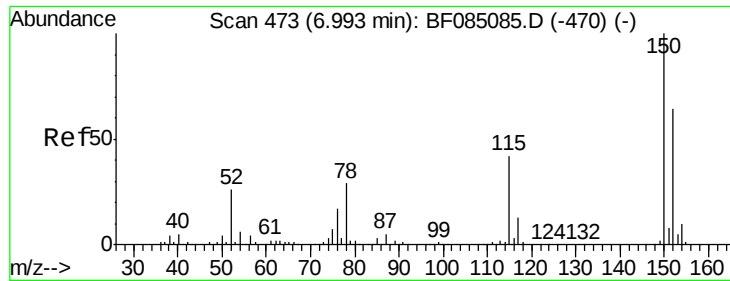
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	16836	2.16	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	18181	2.00	ng	93
45) 1,1'-Biphenyl	9.45	154	104884	2.63	ng	98
46) 2-Chloronaphthalene	9.47	162	71329	2.52	ng	100
47) 2-Nitroaniline	9.56	65	6676	0.77	ng	93
48) Acenaphthylene	9.90	152	117531	2.62	ng	97
49) Dimethylphthalate	9.75	163	76002	2.31	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	6646	0.99	ng	# 82
51) Acenaphthene	10.07	154	74168	2.73	ng	99
52) 3-Nitroaniline	9.98	138	7344	0.98	ng	# 79
53) 2,4-Dinitrophenol	10.08	184	992	0.44	ng	# 38
54) Dibenzofuran	10.24	168	97859	2.70	ng	# 89
55) 4-Nitrophenol	10.11	139	6122	1.27	ng	# 87
56) 2,4-Dinitrotoluene	10.20	165	7237	0.79	ng	# 90
57) Fluorene	10.58	166	84976	2.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	14268	1.98	ng	# 94
59) Diethylphthalate	10.44	149	91920	2.82	ng	98
60) 4-Chlorophenyl-phenylether	10.57	204	43741	2.93	ng	99
61) 4-Nitroaniline	10.57	138	7682	1.12	ng	# 60
62) Azobenzene	10.73	77	80838	2.58	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	1745	0.36	ng	# 39
65) n-Nitrosodiphenylamine	10.68	169	78326	2.71	ng	97
66) 4-Bromophenyl-phenylether	11.06	248	27575	2.72	ng	94
67) Hexachlorobenzene	11.13	284	27826	2.57	ng	# 72
68) Atrazine	11.21	200	18664	2.23	ng	95
69) Pentachlorophenol	11.31	266	7977	1.91	ng	95
70) Phenanthrene	11.54	178	131434	2.62	ng	96
71) Anthracene	11.59	178	123400	2.35	ng	100
72) Carbazole	11.74	167	108708	2.50	ng	99
73) Di-n-butylphthalate	12.08	149	116869	2.05	ng	99
74) Fluoranthene	12.73	202	135554	2.71	ng	96
76) Benzidine	12.85	184	63487	4.19	ng	100
77) Pyrene	12.96	202	144046	2.09	ng	96
79) Butylbenzylphthalate	13.58	149	27701	0.96	ng	# 86
80) Benzo(a)anthracene	14.14	228	136687	2.74	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	40388	2.79	ng	# 99
82) Chrysene	14.17	228	126119	2.61	ng	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	56424	1.48	ng	99
84) Di-n-octyl phthalate	14.74	149	78499	1.45	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.10	276	119442	2.97	ng	98
87) Benzo(b)fluoranthene	15.19	252	143098	2.60	ng	# 97
88) Benzo(k)fluoranthene	15.19	252	143098	3.26	ng	99
89) Benzo(a)pyrene	15.57	252	107589	2.31	ng	98
90) Dibenzo(a,h)anthracene	17.12	278	98400	2.23	ng	98
91) Benzo(g,h,i)perylene	17.54	276	100640	2.19	ng	99

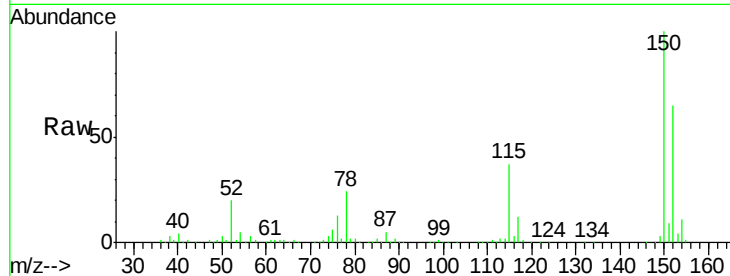
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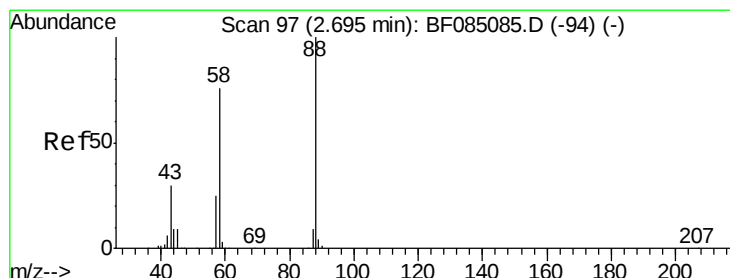
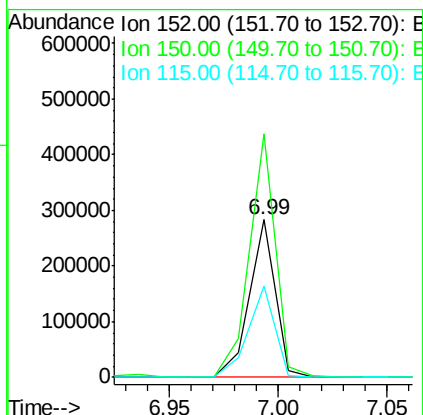
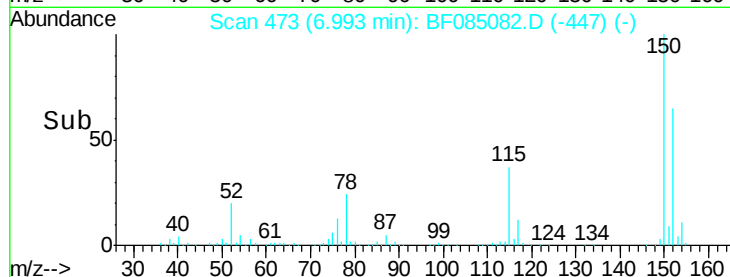
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 232370
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.4 191.2
 115 57.5 50.5 75.7

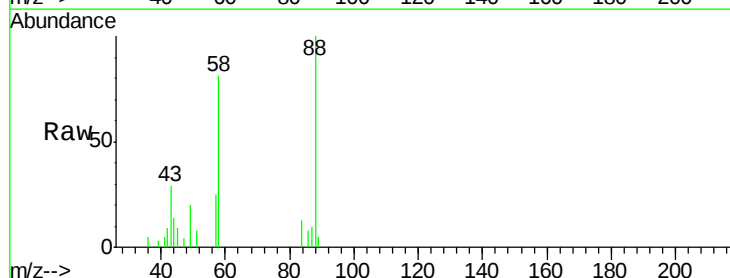


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

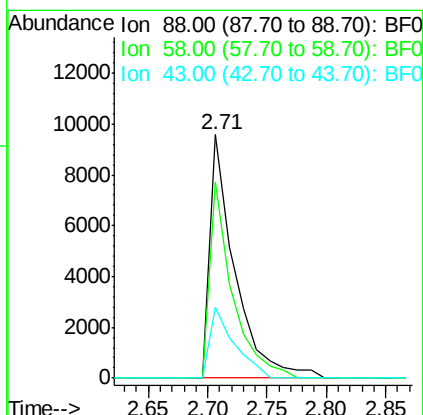
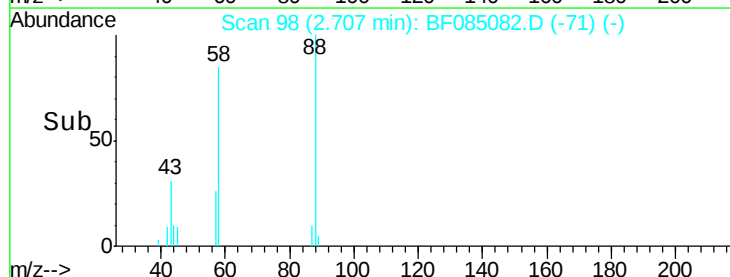


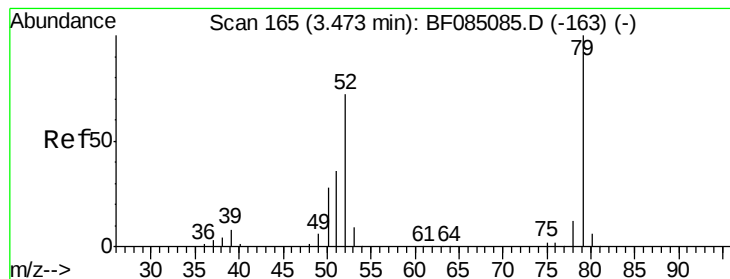
#2
 1,4-Dioxane
 Concen: 2.55 ng
 RT: 2.71 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion: 88 Resp: 13939
 Ion Ratio Lower Upper
 88 100
 58 72.8 70.9 106.3
 43 28.3 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: 2.69 ng

RT: 3.53 min Scan# 170

Delta R.T. 0.06 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampled :

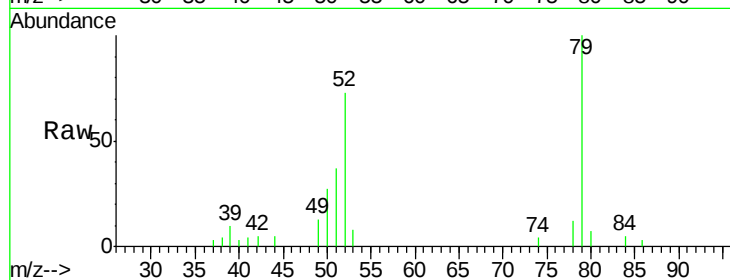
Tot Ion: 79 Resp: 34442

Ion Ratio Lower Upper

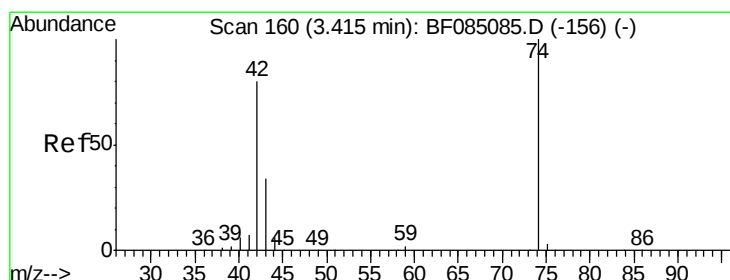
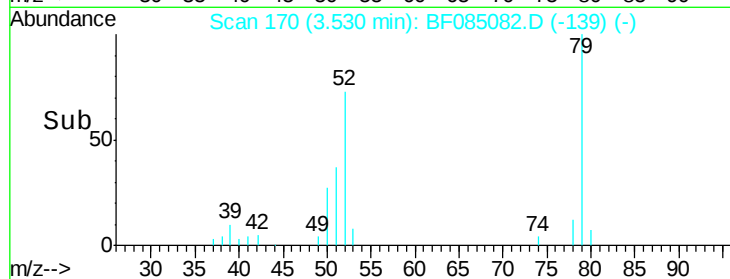
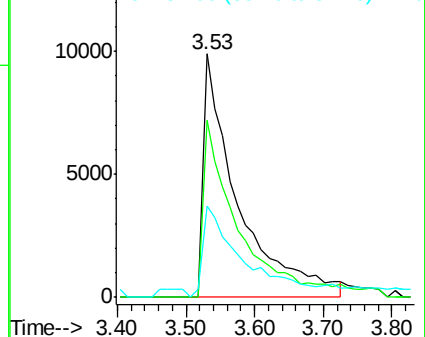
79 100

52 72.8 67.1 100.7

51 37.3 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 2.63 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

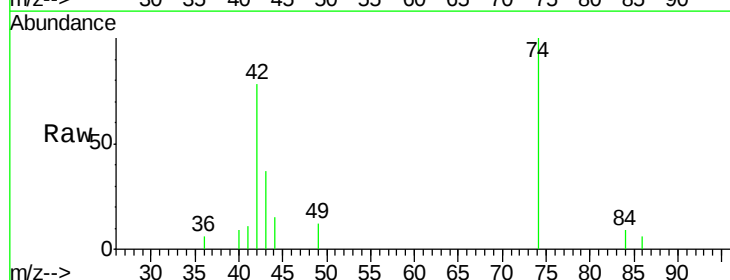
Tgt Ion: 42 Resp: 17286

Ion Ratio Lower Upper

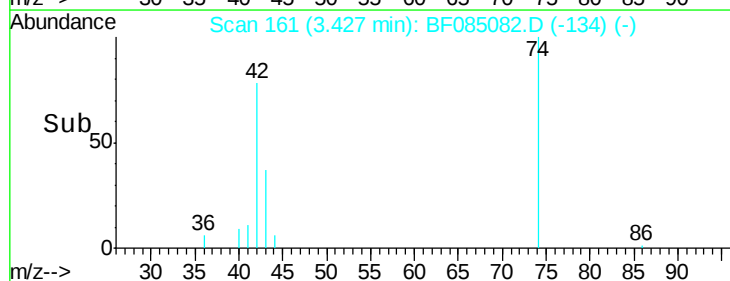
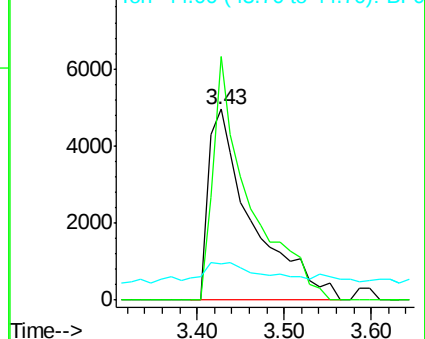
42 100

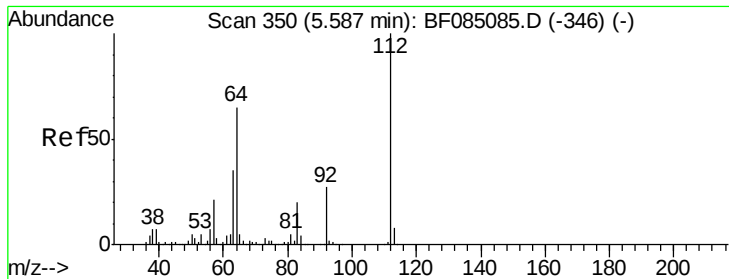
74 127.5 96.2 144.4

44 18.7 7.0 10.4#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 4.57 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

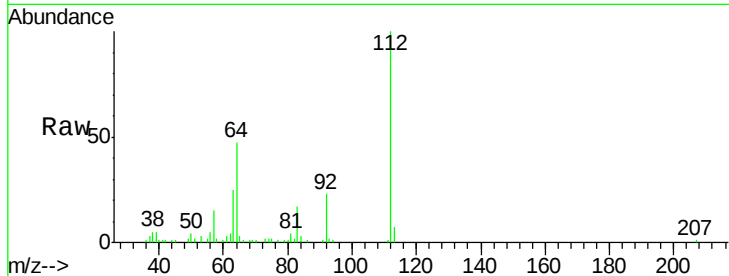
Tot Ion:112 Resp: 60711

Ion Ratio Lower Upper

112 100

64 47.4 45.4 68.2

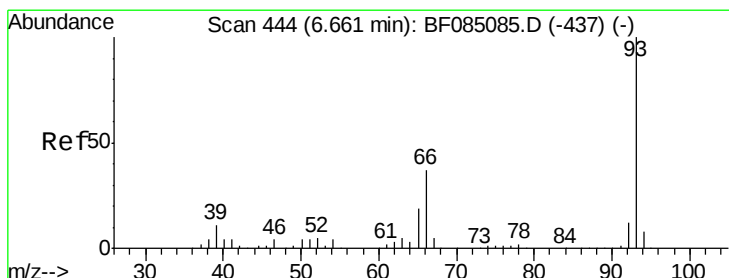
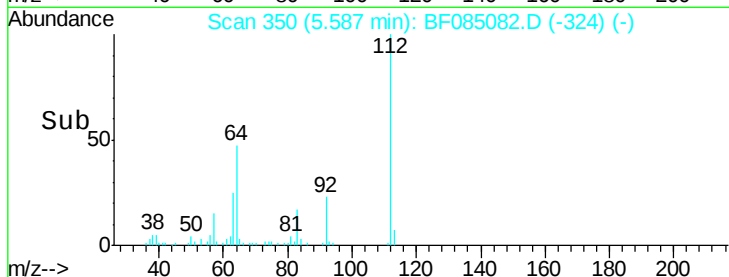
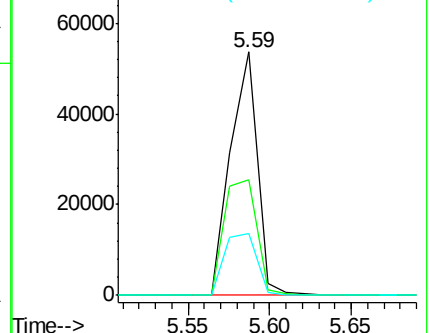
63 25.5 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.91 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

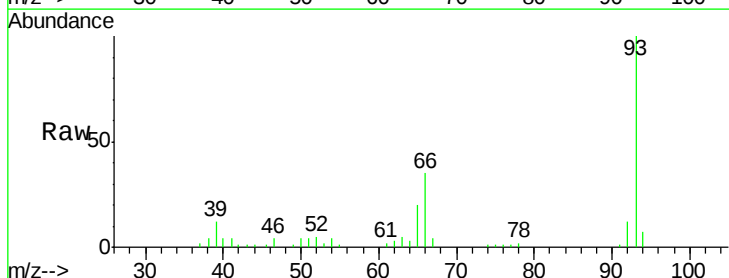
Tgt Ion: 93 Resp: 53334

Ion Ratio Lower Upper

93 100

66 35.5 51.8 77.8#

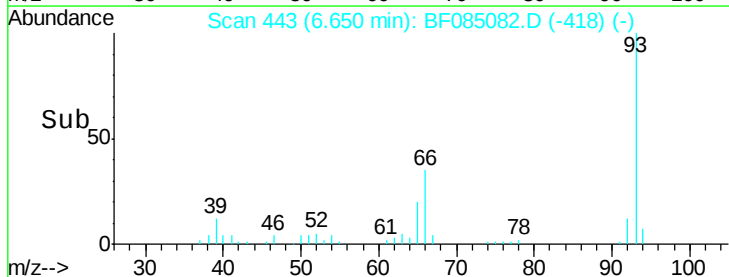
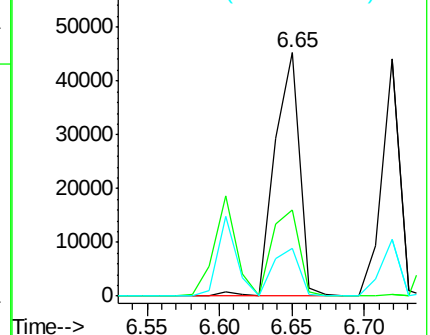
65 19.6 28.5 42.7#

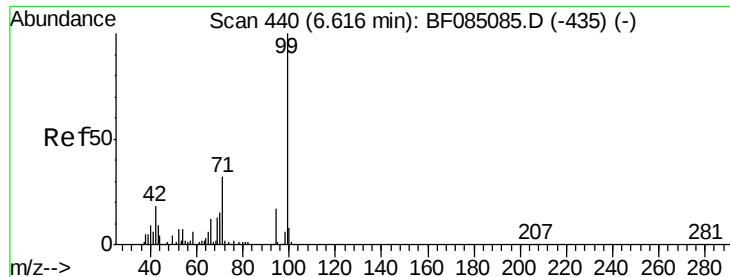


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.71 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

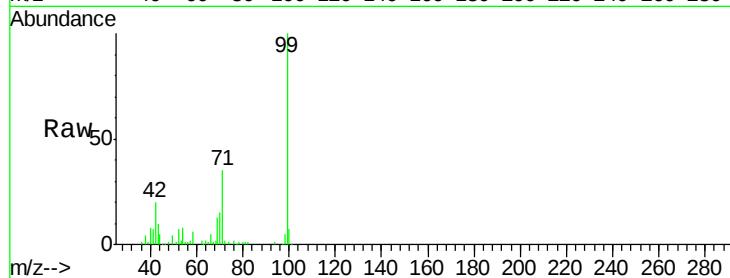
Tot Ion: 99 Resp: 83456

Ion Ratio Lower Upper

99 100

42 19.7 17.0 25.4

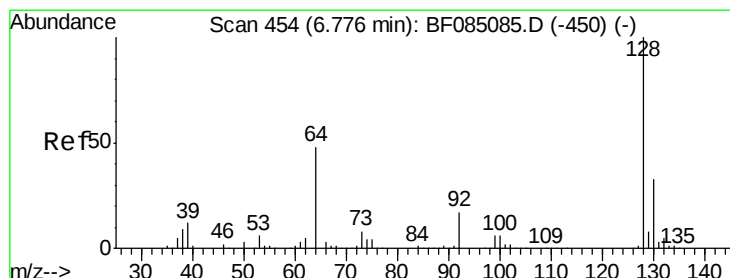
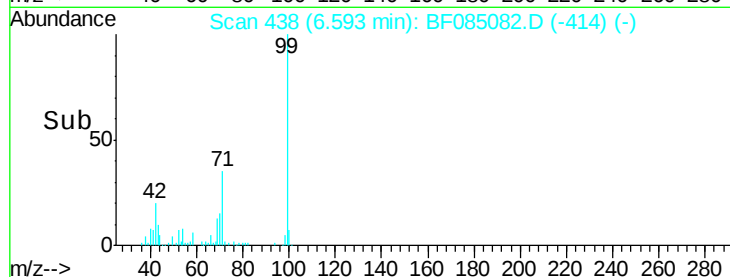
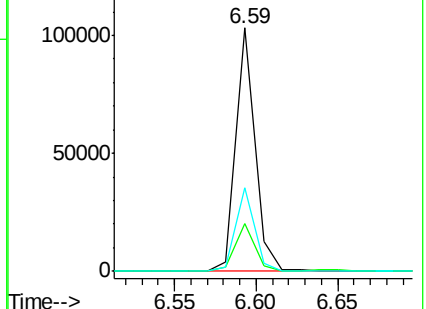
71 34.6 28.3 42.5



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: 2.27 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

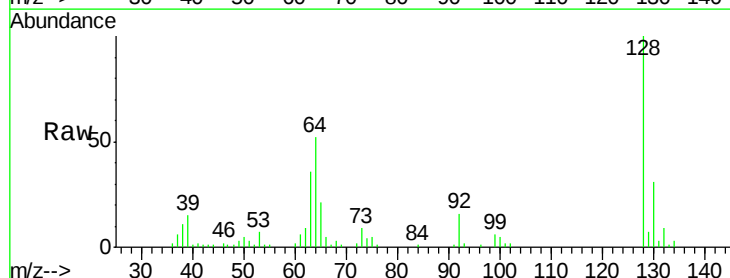
Tgt Ion: 128 Resp: 37044

Ion Ratio Lower Upper

128 100

130 30.5 12.4 52.4

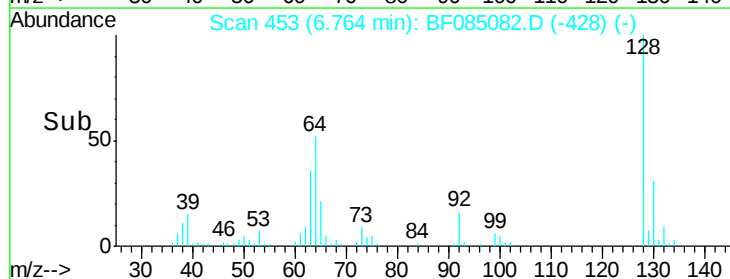
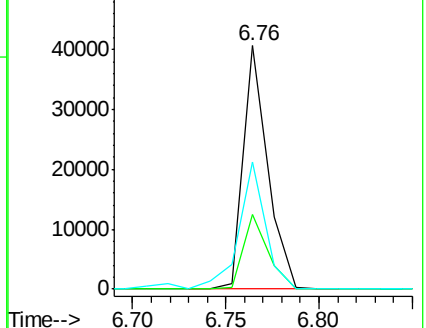
64 52.4 32.1 72.1

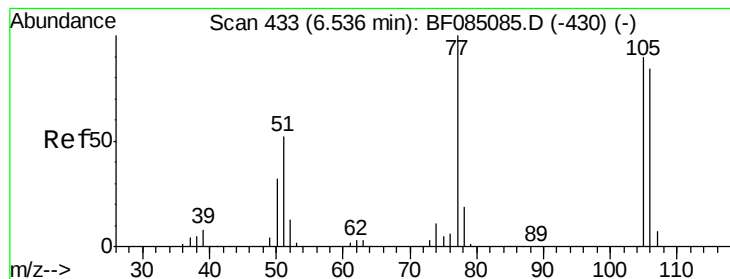


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampled :

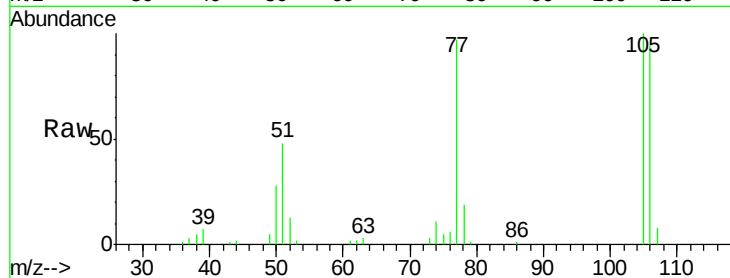
Tot Ion: 77 Resp: 27420

Ion Ratio Lower Upper

77 100

105 103.6 90.9 130.9

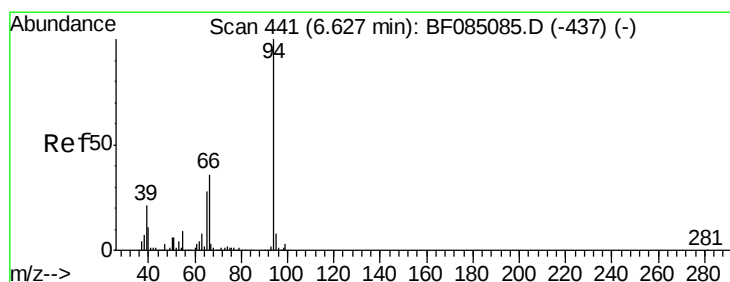
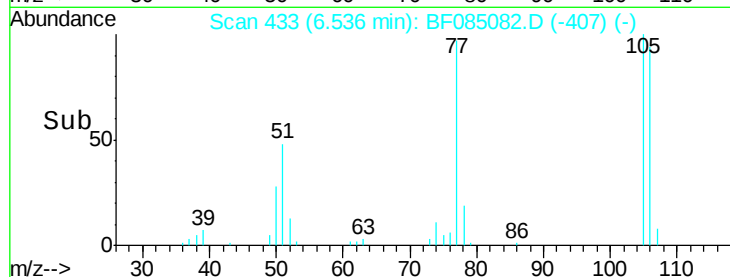
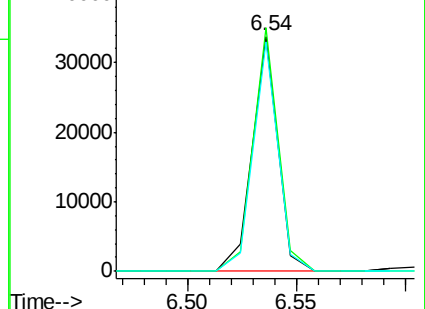
106 97.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 2.33 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

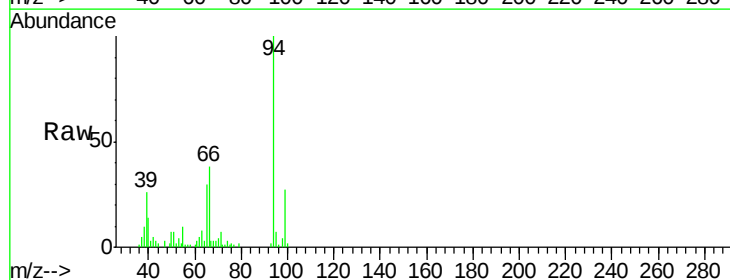
Tgt Ion: 94 Resp: 48166

Ion Ratio Lower Upper

94 100

65 30.3 37.3 77.3#

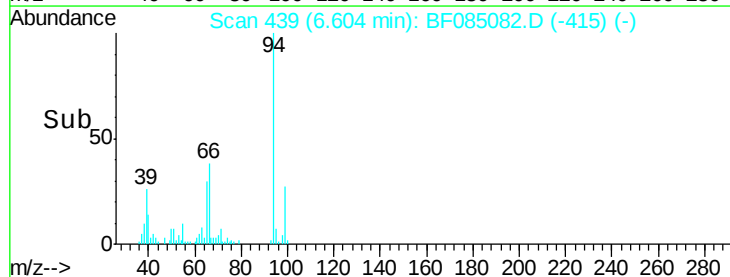
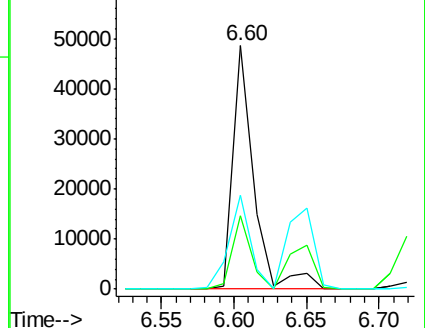
66 38.5 84.1 124.1#

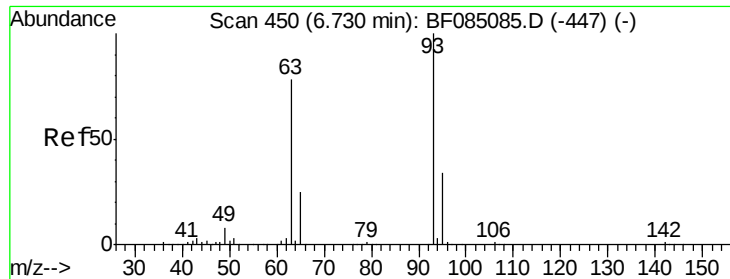


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

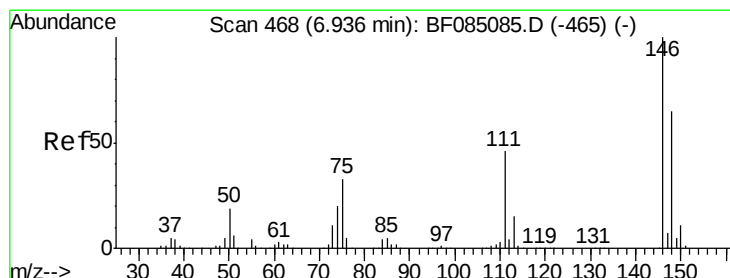
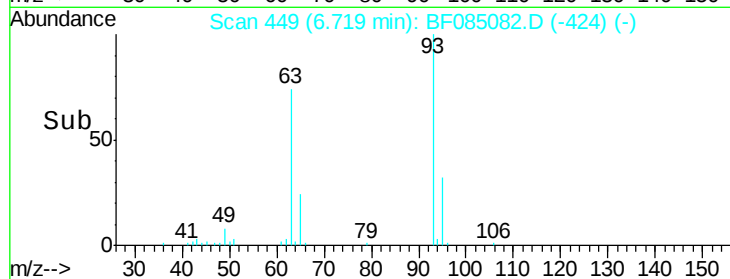
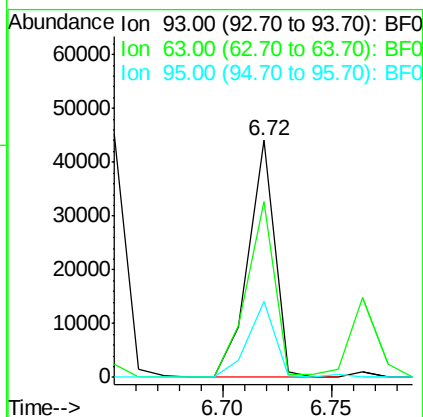
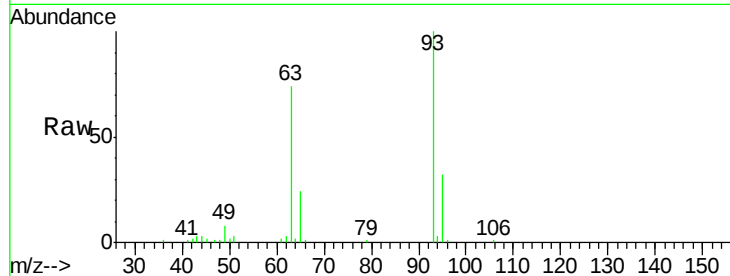




#11
bis(2-Chloroethyl)ether
Concen: 1.92 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

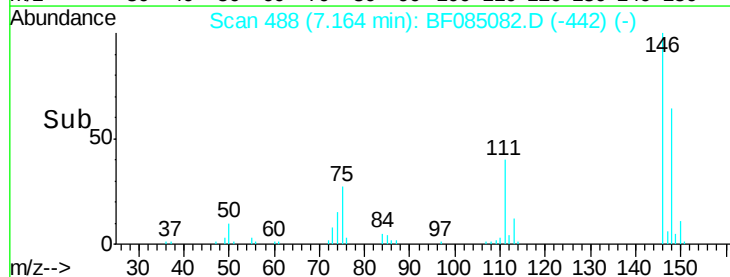
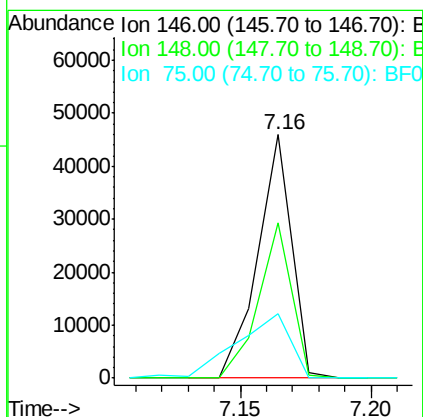
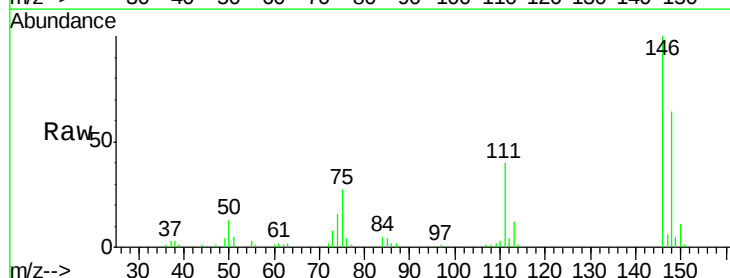
Instrument :
BNA_F
ClientSampleId :

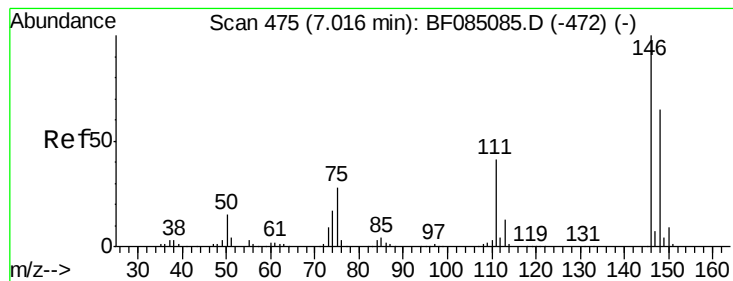
Tot Ion: 93 Resp: 37346
Ion Ratio Lower Upper
93 100
63 74.2 53.6 93.6
95 32.2 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 2.54 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.23 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion: 146 Resp: 41209
Ion Ratio Lower Upper
146 100
148 63.9 53.1 79.7
75 26.7 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 2.26 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampled :

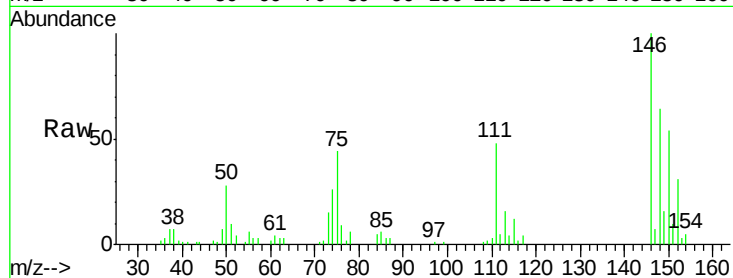
Tot Ion:146 Resp: 40909

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

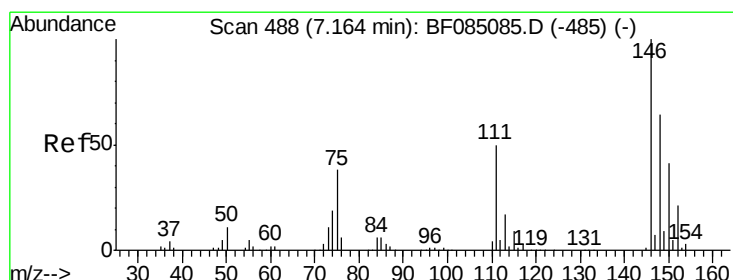
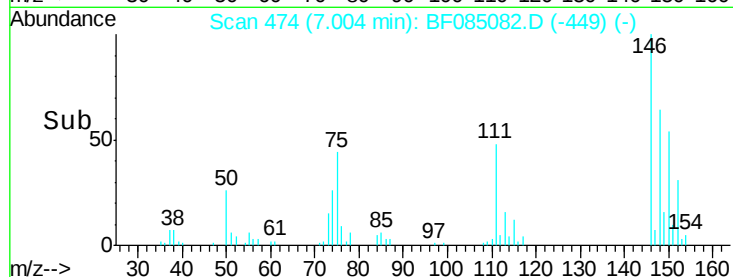
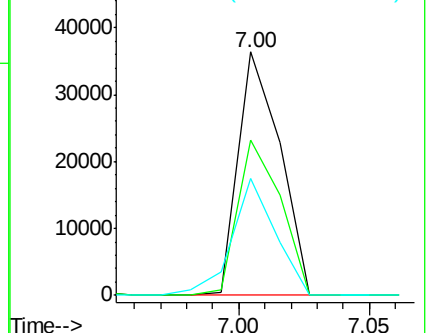
111 48.1 33.6 50.4



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: 2.43 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

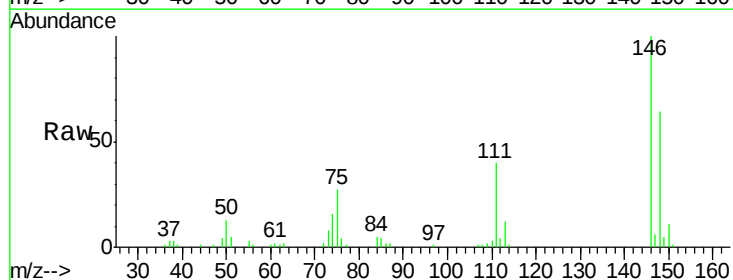
Tgt Ion:146 Resp: 41213

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

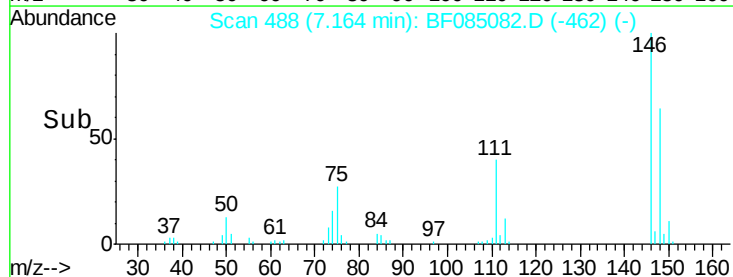
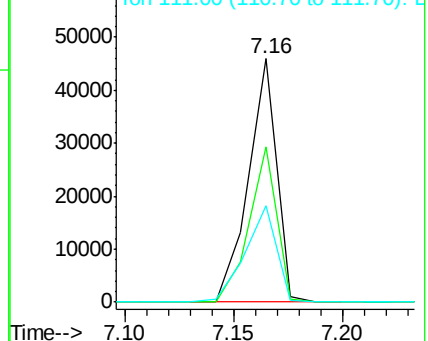
111 39.7 36.5 54.7

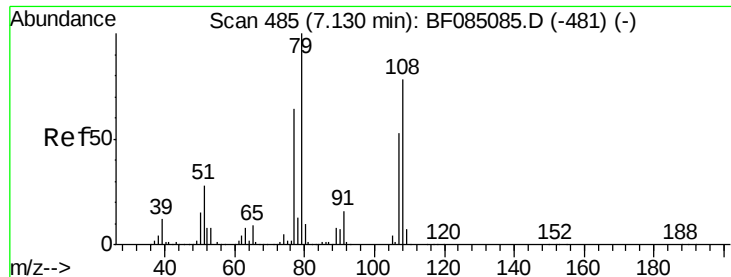


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.59 ng

RT: 7.12 min Scan# 484

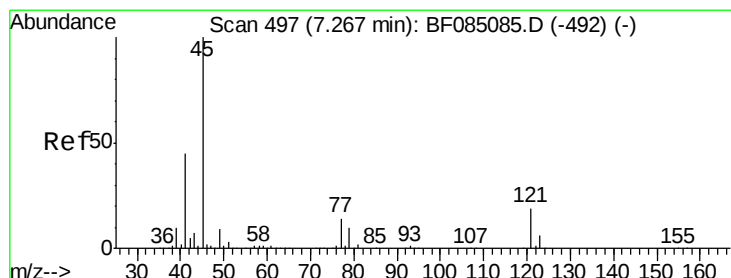
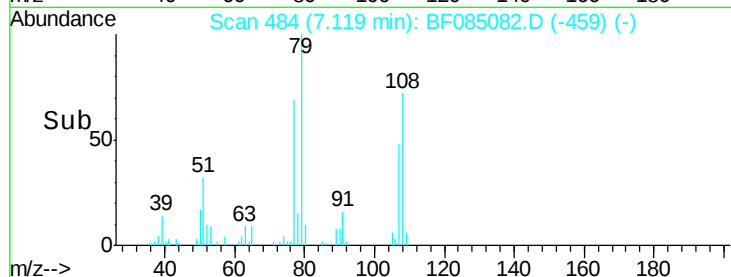
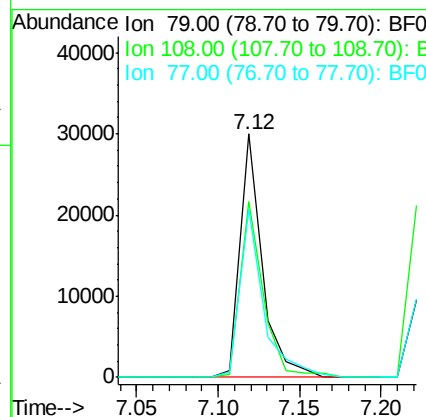
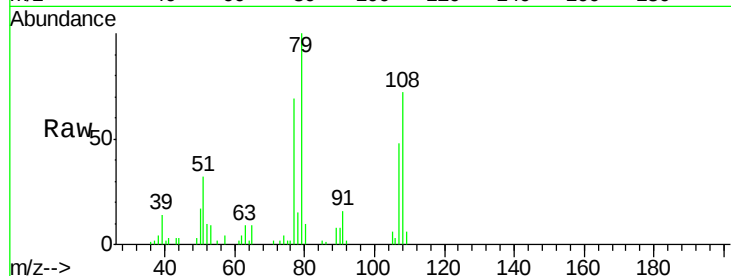
Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	28019
Ion	Ratio	Lower	Upper
79	100		
108	72.3	63.4	95.0
77	69.0	51.8	77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.04 ng

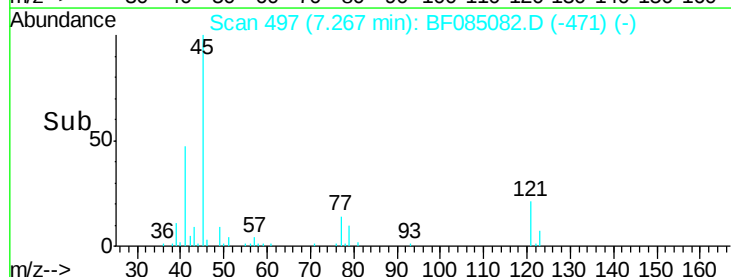
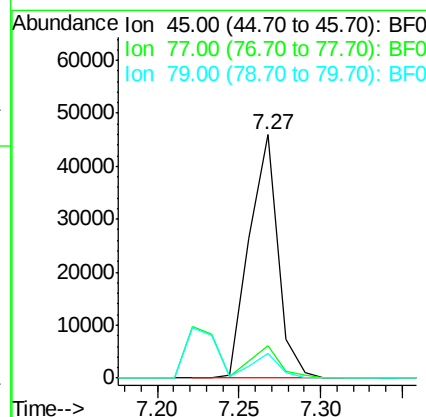
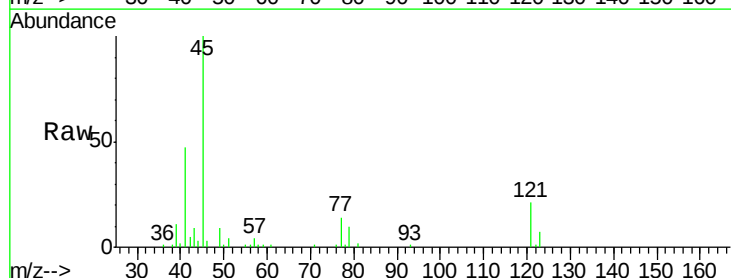
RT: 7.27 min Scan# 497

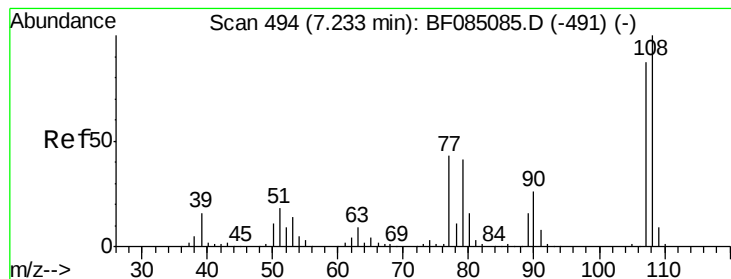
Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Tgt Ion:	45	Resp:	55621
Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	35.2
79	10.2	0.0	33.7

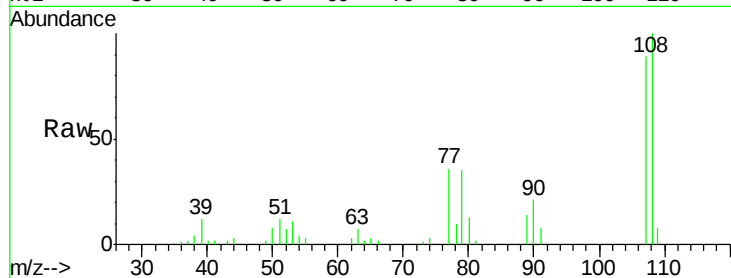




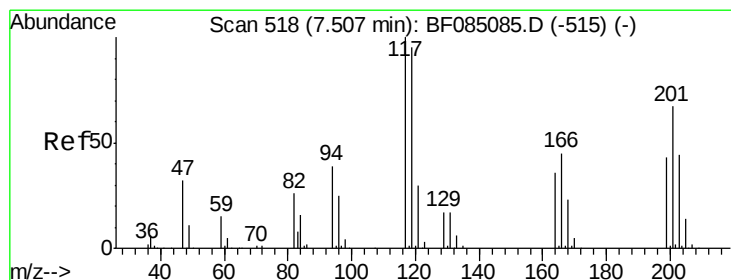
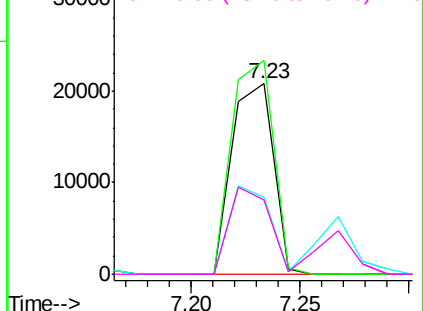
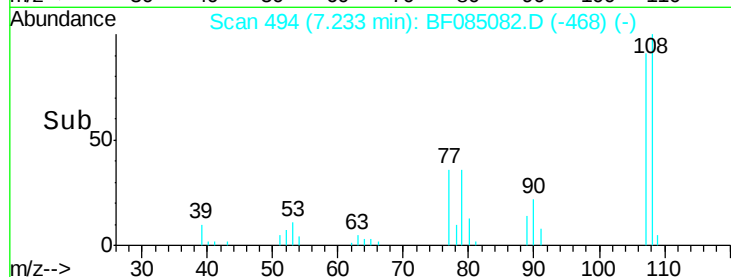
#17
2-Methylphenol
Concen: 2.33 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 27589
Ion Ratio Lower Upper
107 100
108 112.0 97.0 145.4
77 40.1 50.5 75.7#
79 39.2 50.1 75.1#

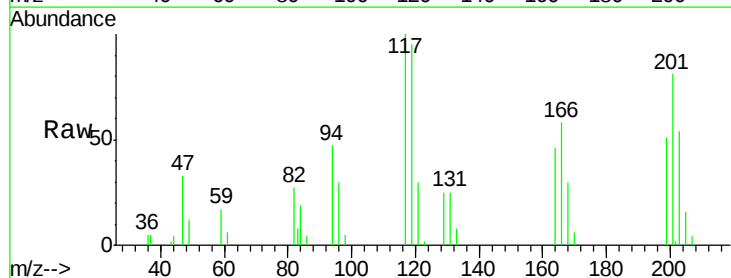


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

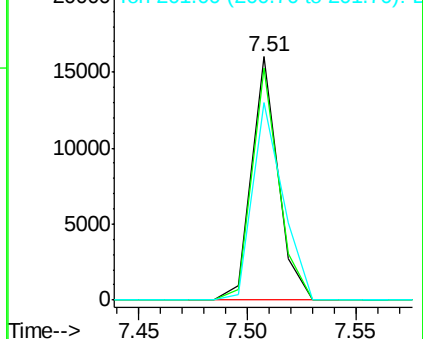
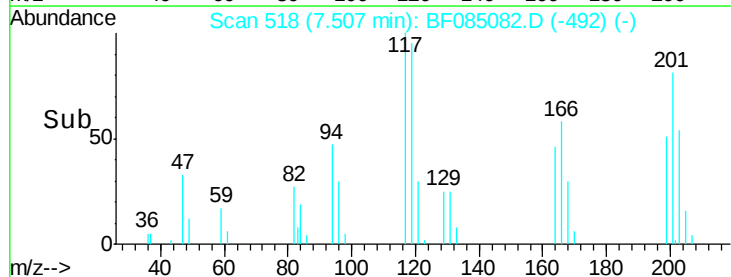


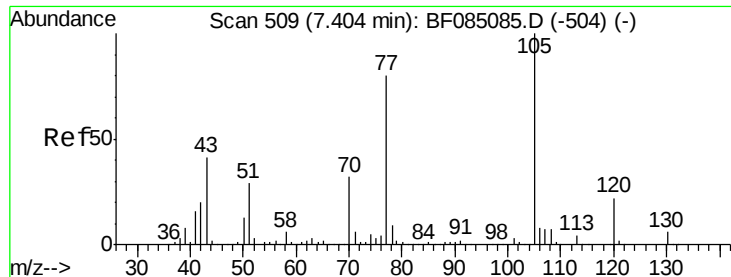
#18
Hexachloroethane
Concen: 2.03 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:117 Resp: 13525
Ion Ratio Lower Upper
117 100
119 95.4 74.5 111.7
201 80.9 80.9 121.3#



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

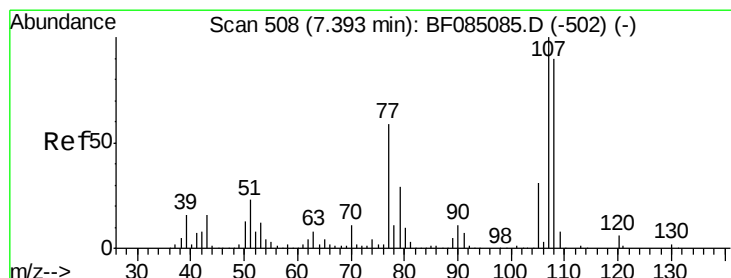
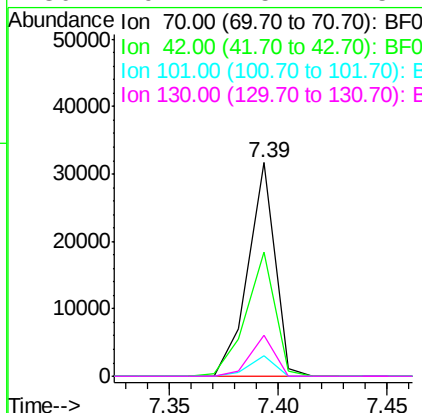
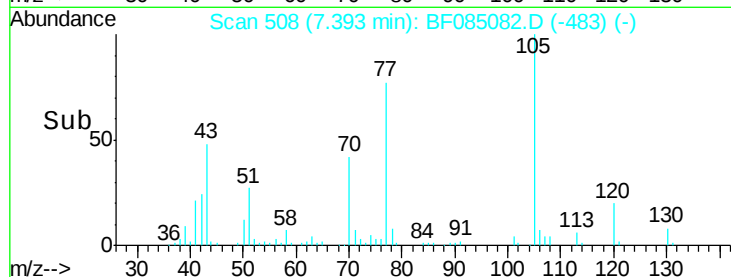
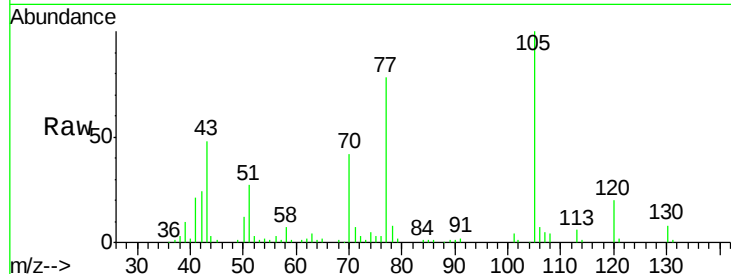




#19
n-Nitroso-di-n-propylamine
Concen: 2.45 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

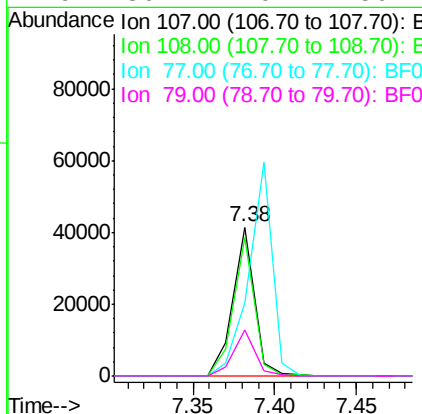
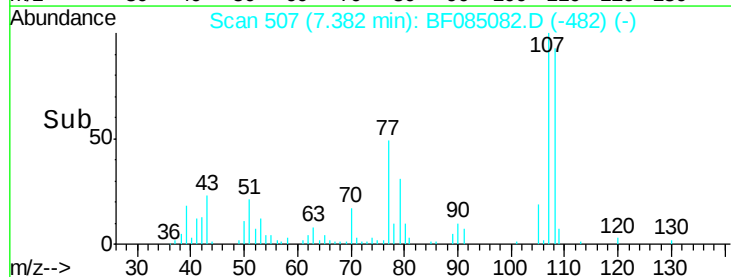
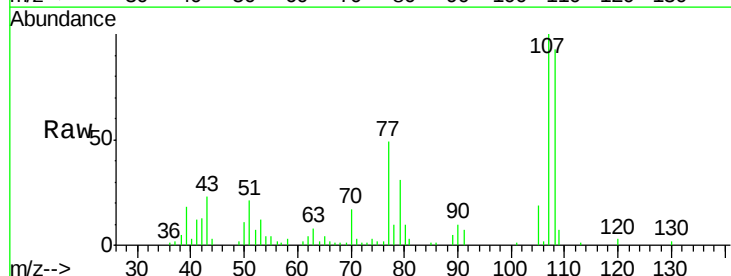
Instrument :
BNA_F
ClientSampled :

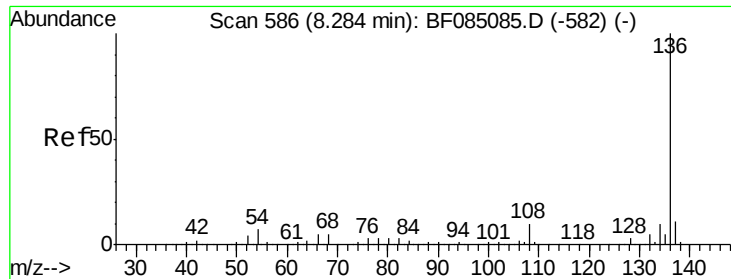
Tot Ion: 70 Resp: 27311
Ion Ratio Lower Upper
70 100
42 58.3 55.8 83.6
101 9.7 7.7 11.5
130 19.1 15.4 23.2



#20
3+4-Methylphenols
Concen: 2.53 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:107 Resp: 37727
Ion Ratio Lower Upper
107 100
108 93.3 74.4 114.4
77 48.9 46.9 86.9
79 30.7 10.4 50.4

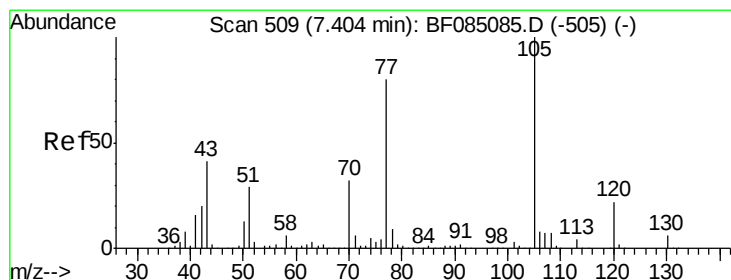
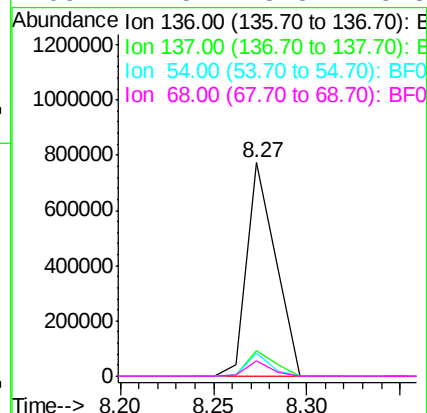
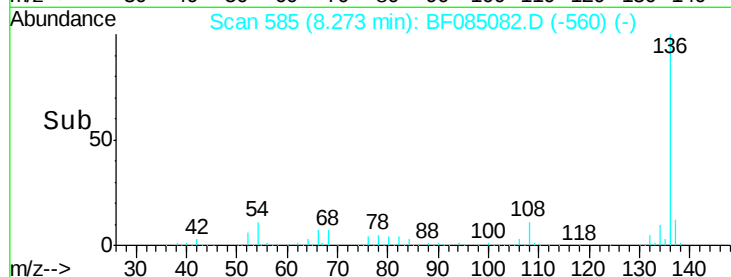
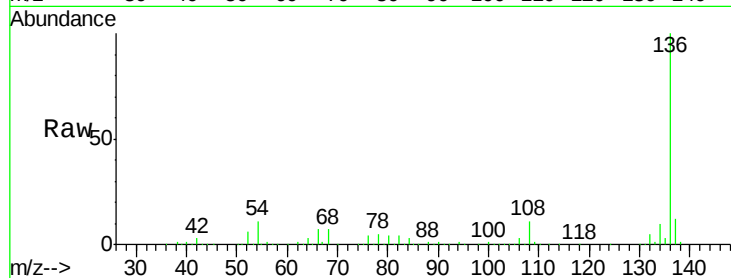




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

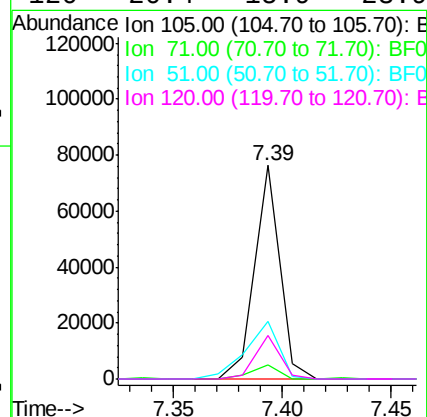
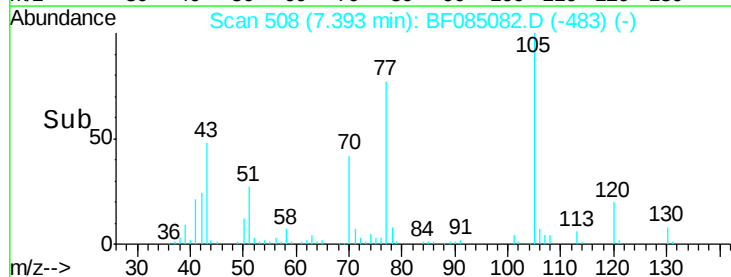
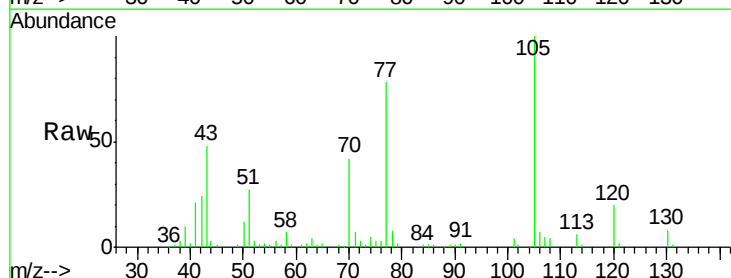
Instrument :
BNA_F
ClientSampleId :

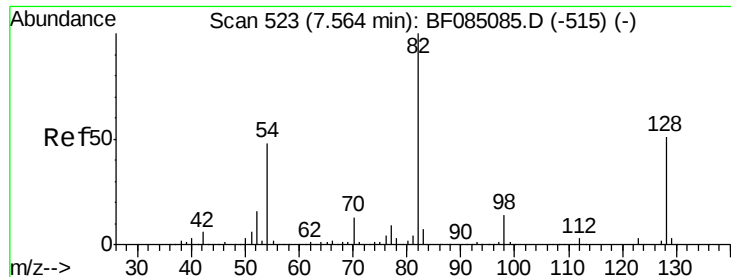
Tot Ion:136	Resp:	824608
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	10.5	6.1 9.1#
68	7.5	3.5 5.3#



#22
Acetophenone
Concen: 2.91 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:105	Resp:	61481
Ion Ratio	Lower	Upper
105	100	
71	6.8	7.5 11.3#
51	27.3	23.1 34.7
120	20.4	15.9 23.9

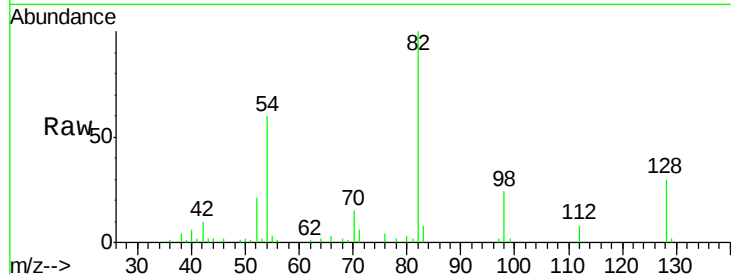




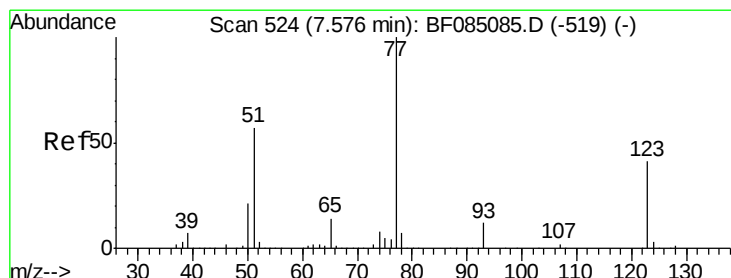
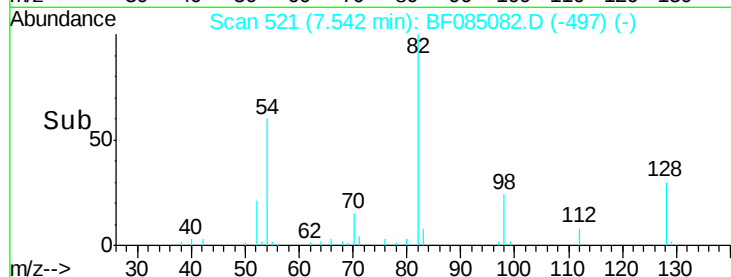
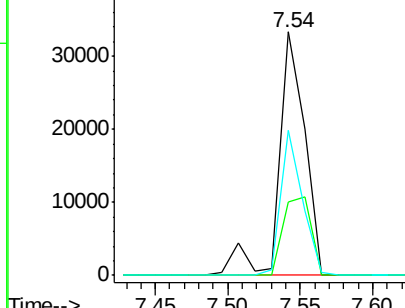
#23
Nitrobenzene-d5
Concen: 2.93 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 40862
Ion Ratio Lower Upper
82 100
128 30.4 36.8 55.2#
54 59.7 44.4 66.6

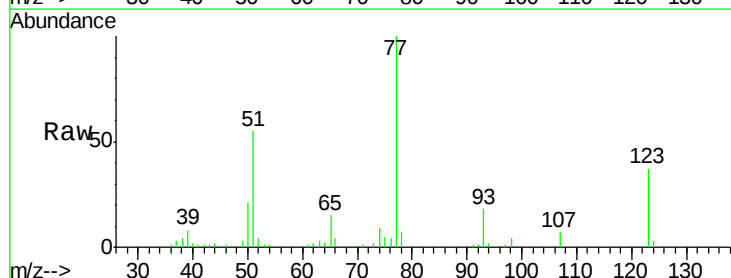


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

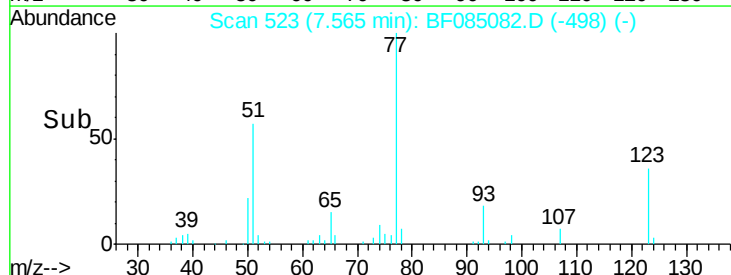
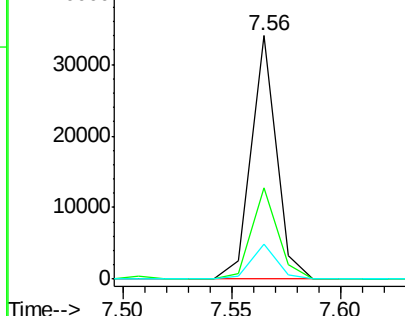


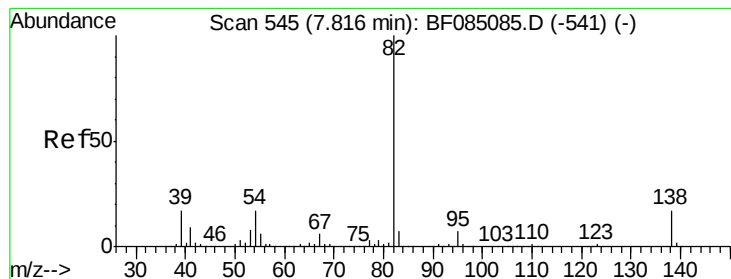
#24
Nitrobenzene
Concen: 1.79 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion: 77 Resp: 27358
Ion Ratio Lower Upper
77 100
123 37.3 36.5 54.7
65 14.6 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: 3.06 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

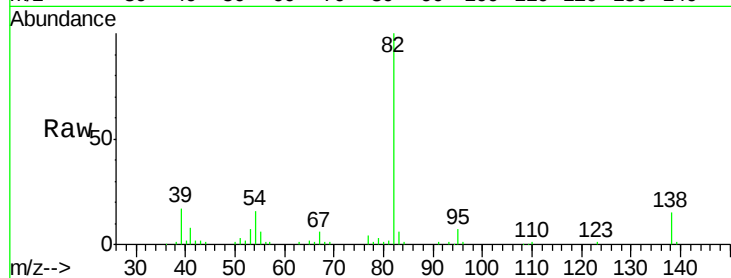
Tot Ion: 82 Resp: 76624

Ion Ratio Lower Upper

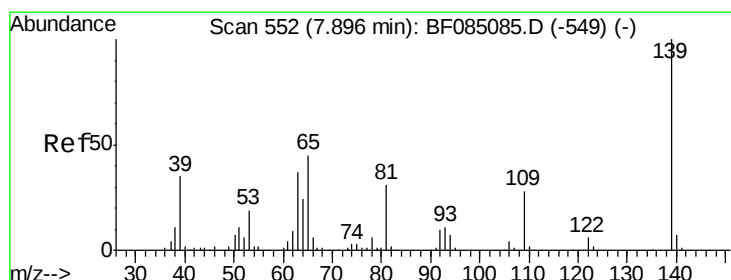
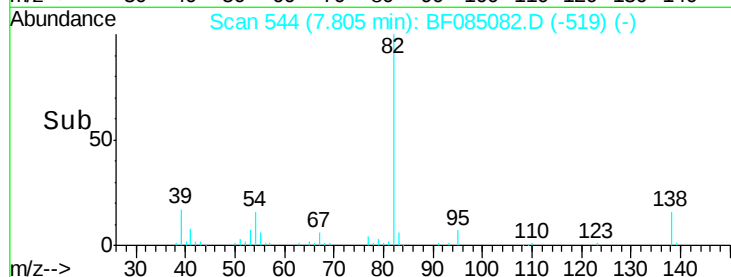
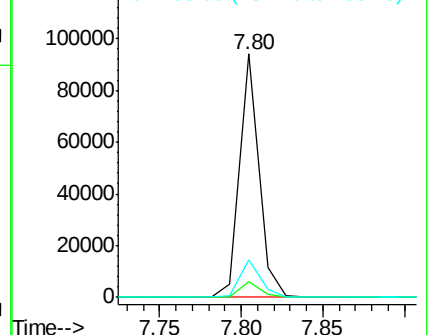
82 100

95 6.7 6.1 9.1

138 15.4 13.1 19.7



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



#26

2-Nitrophenol

Concen: 0.64 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

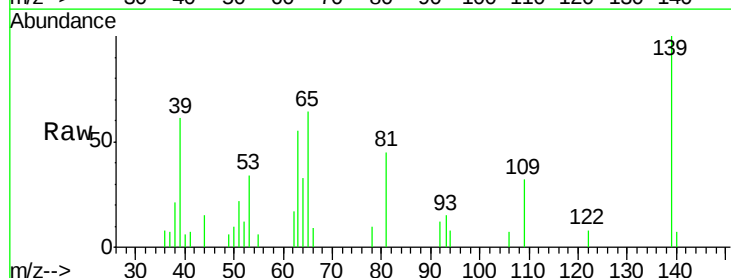
Tgt Ion: 139 Resp: 4679

Ion Ratio Lower Upper

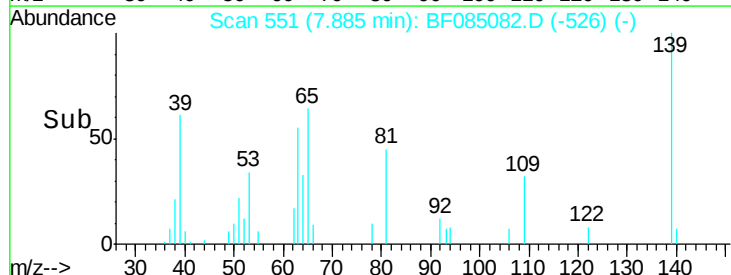
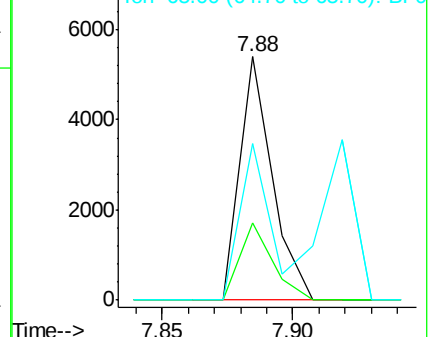
139 100

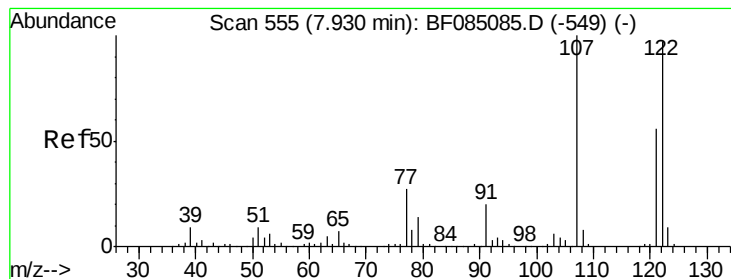
109 31.8 23.4 35.2

65 64.4 42.3 63.5#



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





#27

2,4-Dimethylphenol

Concen: 2.96 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

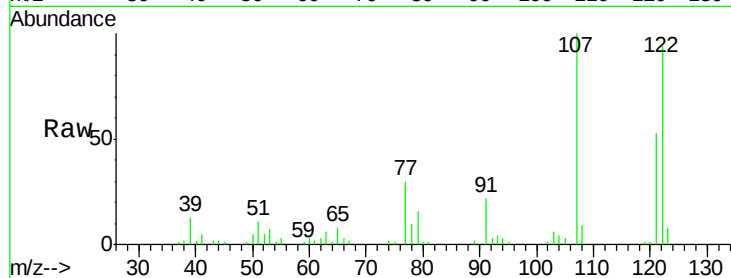
Tot Ion:122 Resp: 35038

Ion Ratio Lower Upper

122 100

107 106.4 91.8 137.8

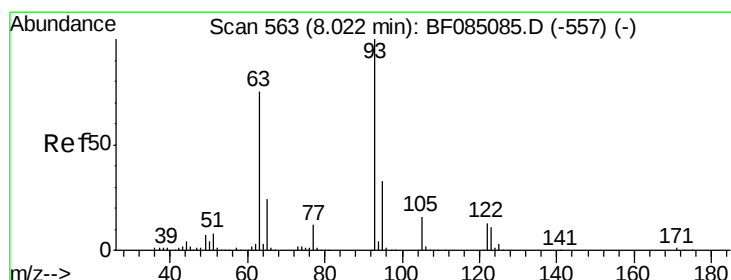
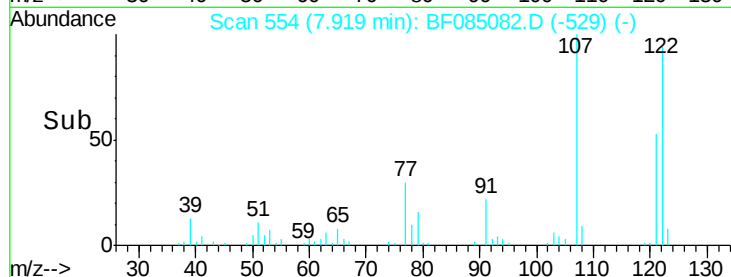
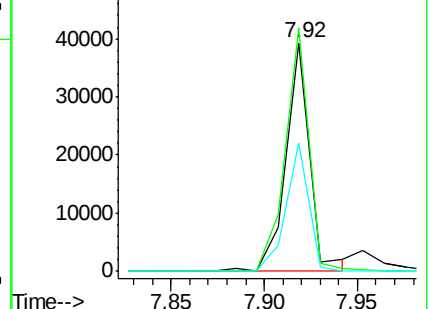
121 55.9 45.0 67.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.85 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

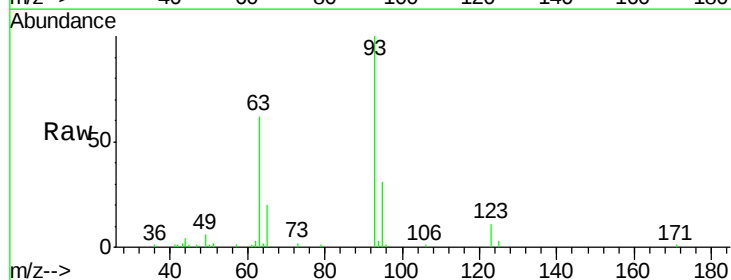
Tgt Ion: 93 Resp: 44355

Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

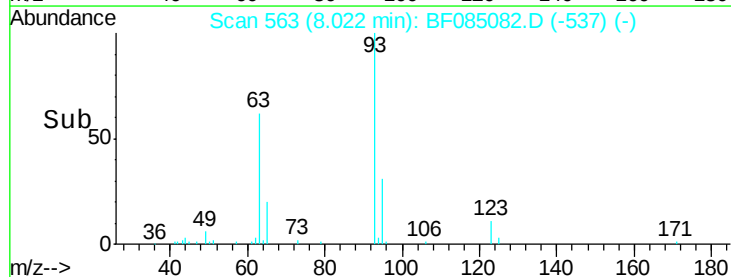
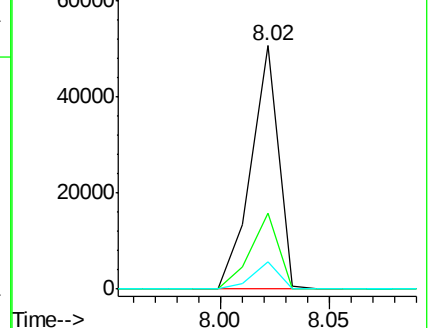
123 11.5 8.7 13.1

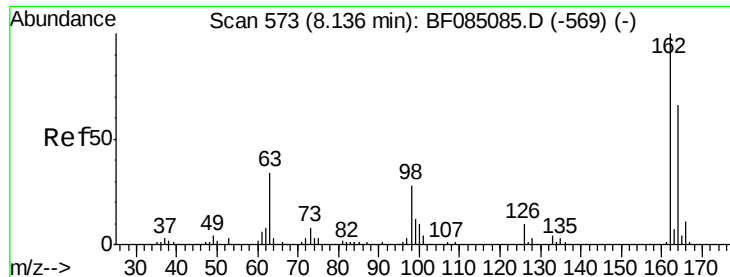


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

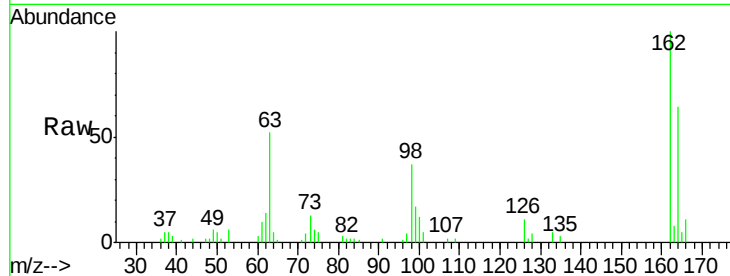




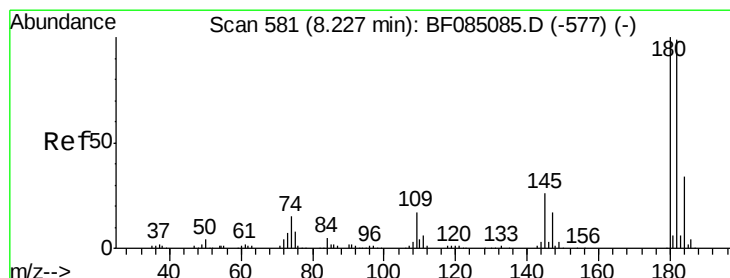
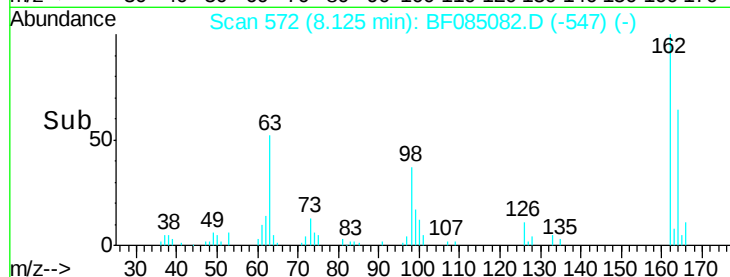
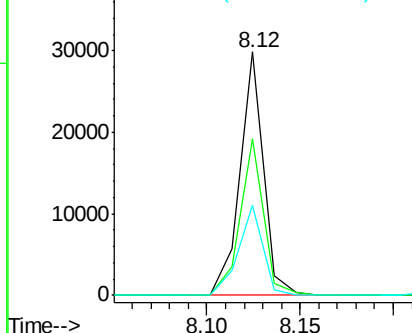
#29
2,4-Dichlorophenol
Concen: 2.45 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.8	82.8
98	36.9	17.6	57.6

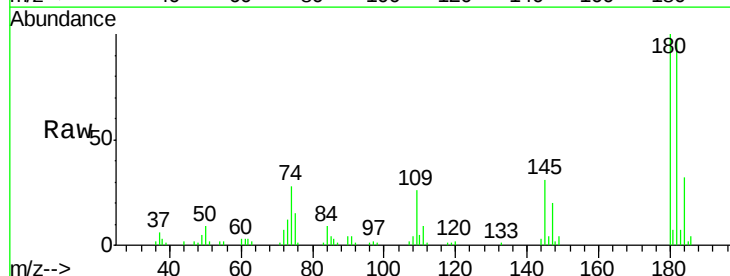


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

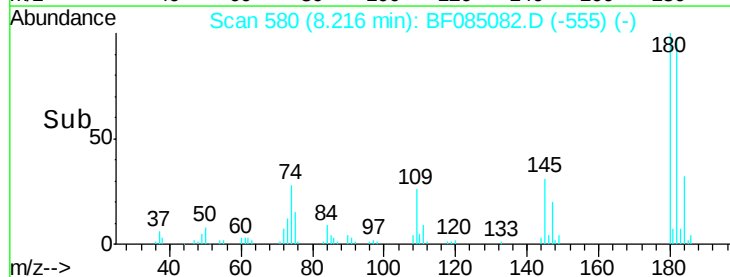
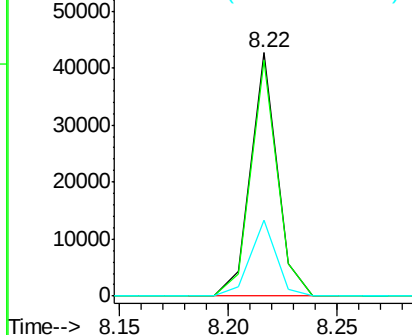


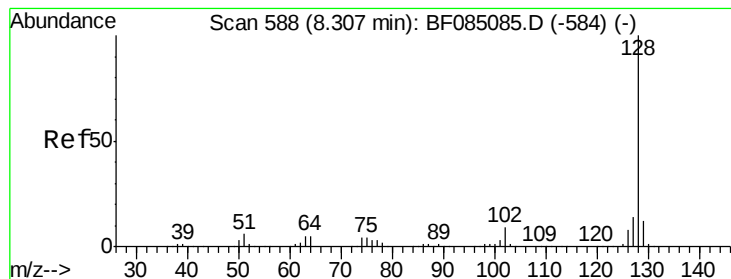
#30
1,2,4-Trichlorobenzene
Concen: 2.92 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.8
145	31.2	25.9	38.9



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





#31

Naphthalene

Concen: 2.95 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

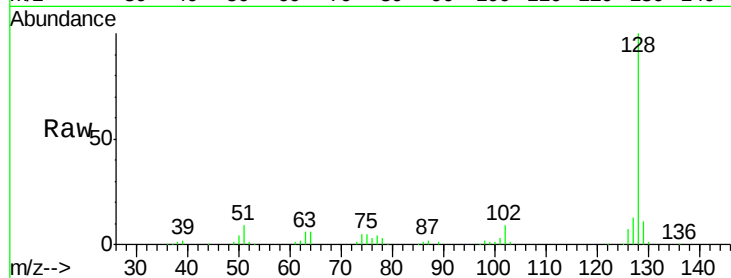
Tot Ion:128 Resp: 117970

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

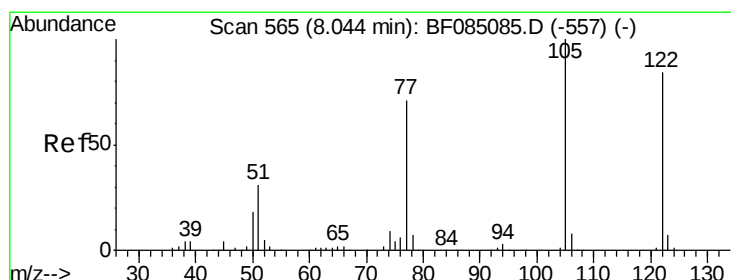
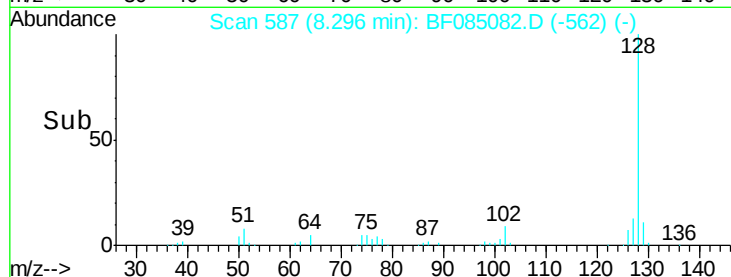
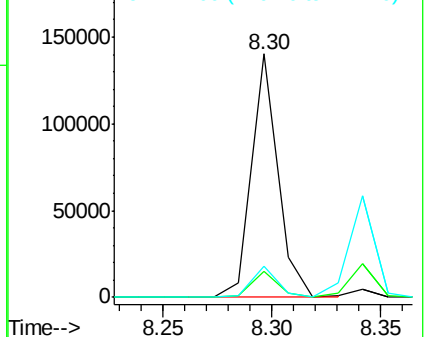
127 12.8 10.3 15.5



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: 6.73 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.13 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

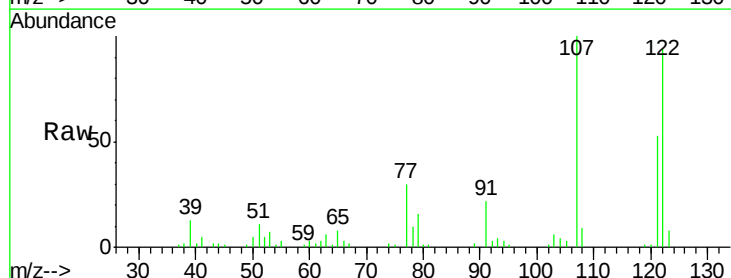
Tgt Ion:122 Resp: 35038

Ion Ratio Lower Upper

122 100

105 3.3 101.3 141.3#

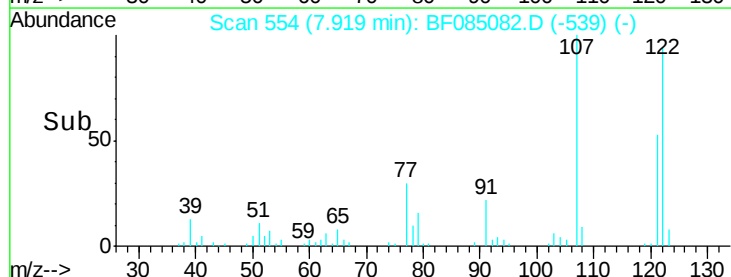
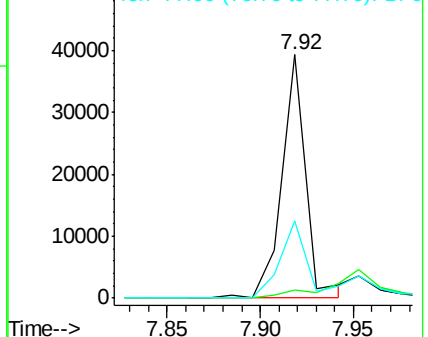
77 31.9 70.0 110.0#

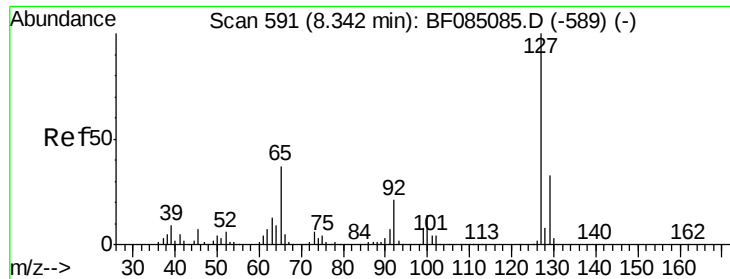


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

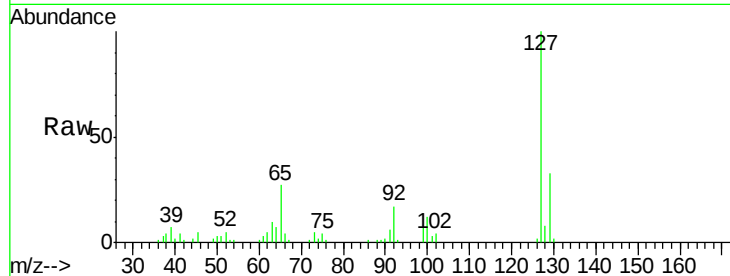




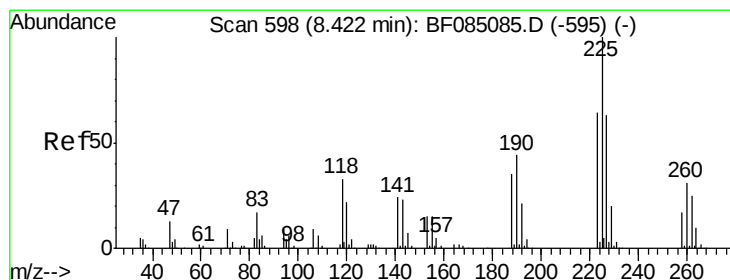
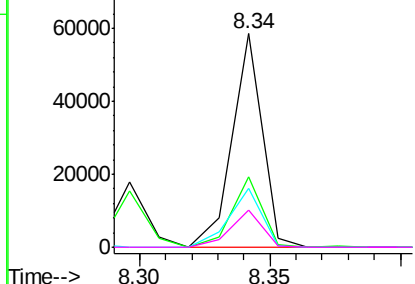
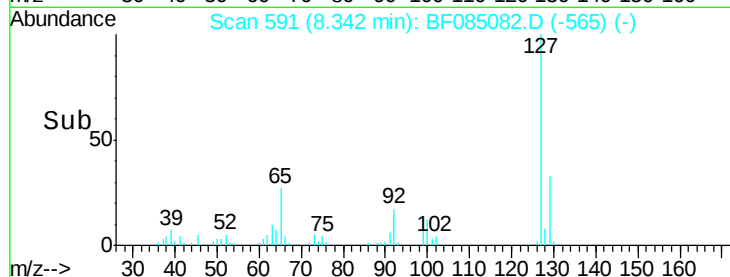
#33
4-Chloroaniline
Concen: 3.12 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	47300	
Ion Ratio	Lower	Upper	
127 100			
129 32.7	26.6	39.8	
65 27.4	24.7	37.1	
92 17.3	15.1	22.7	

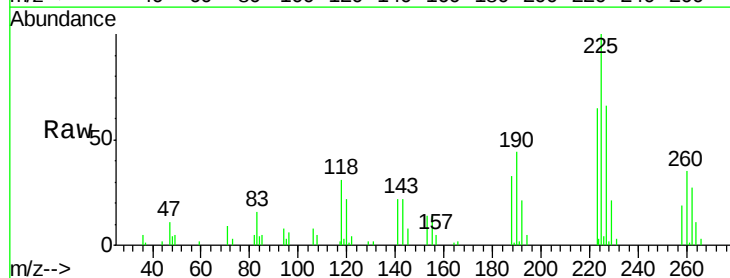


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

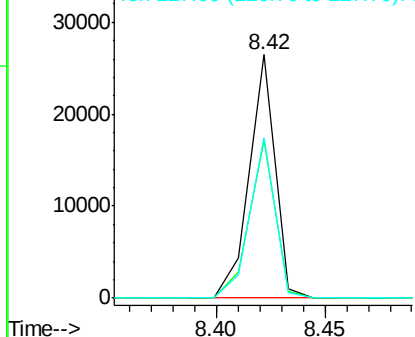
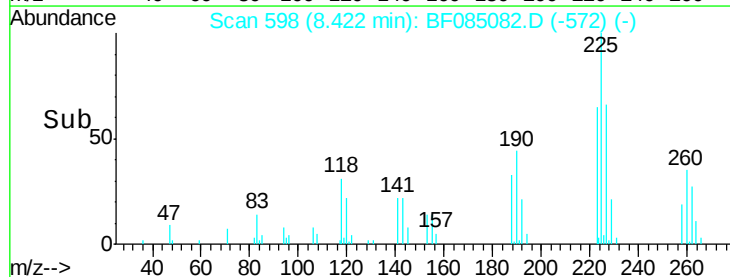


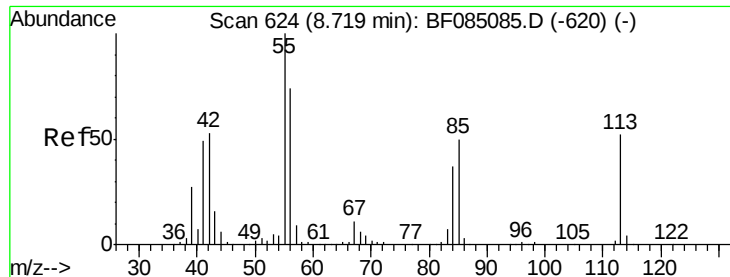
#34
Hexachlorobutadiene
Concen: 3.15 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt	Ion:225	Resp:	21847
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.6	73.0
227	65.7	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

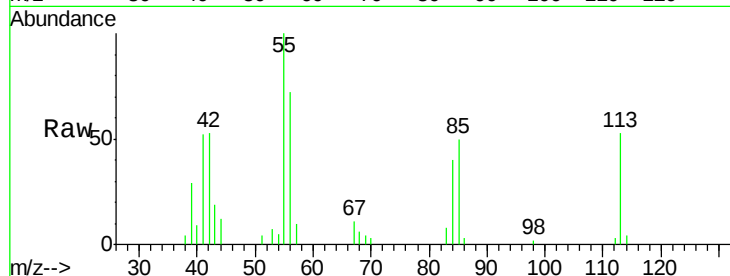




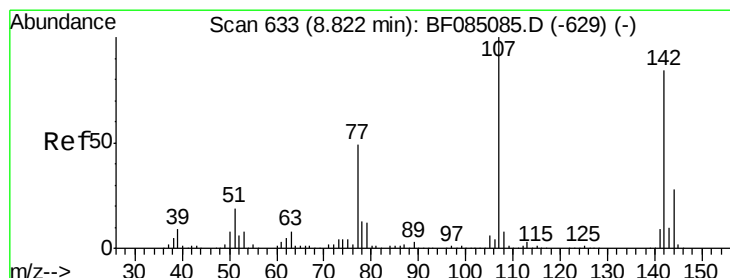
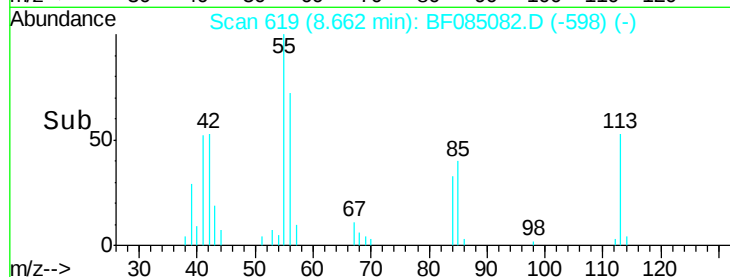
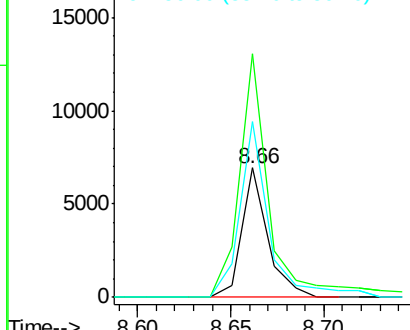
#35
Caprolactam
Concen: 2.31 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 6680
Ion Ratio Lower Upper
113 100
55 188.3 173.1 213.1
56 136.1 132.9 172.9

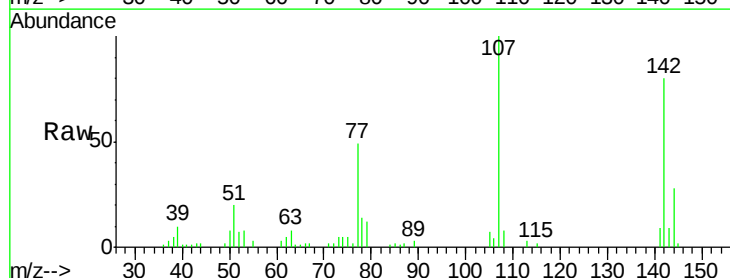


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

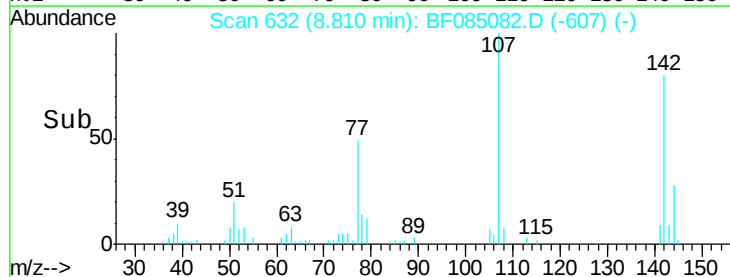
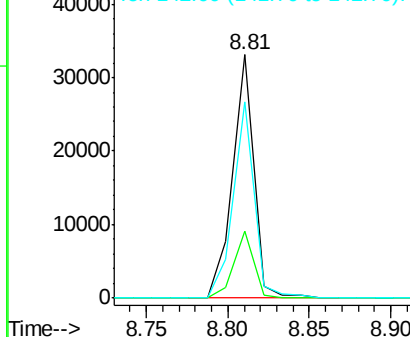


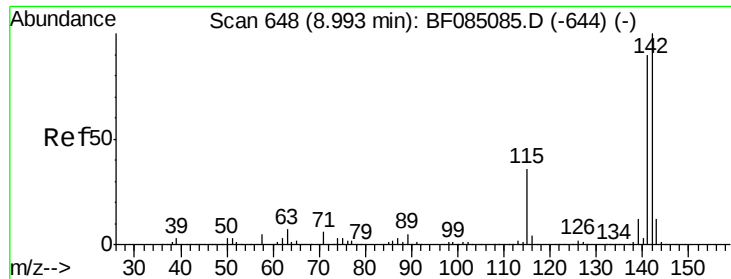
#36
4-Chloro-3-methylphenol
Concen: 2.44 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:107 Resp: 29750
Ion Ratio Lower Upper
107 100
144 27.8 19.2 28.8
142 80.4 60.6 91.0



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

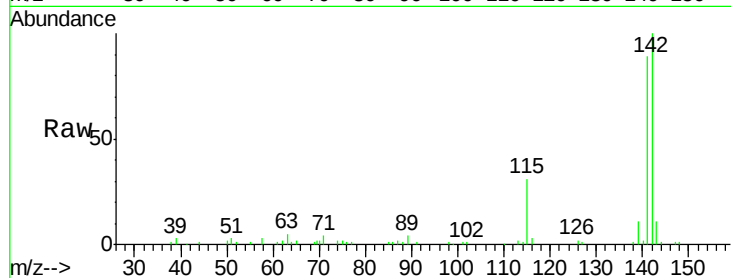




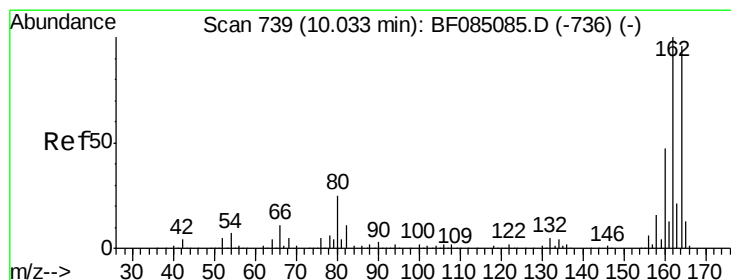
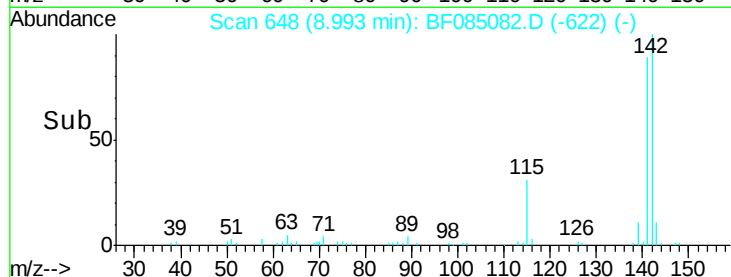
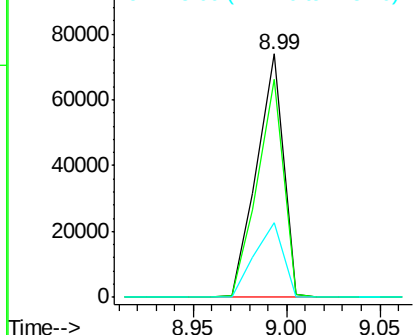
#37
 2-Methylnaphthalene
 Concen: 2.87 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 73303
 Ion Ratio Lower Upper
 142 100
 141 89.4 69.6 104.4
 115 30.9 27.9 41.9

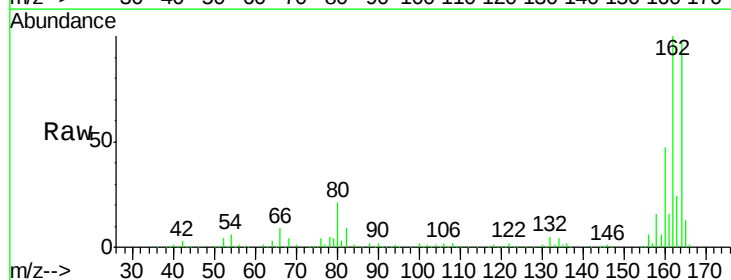


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

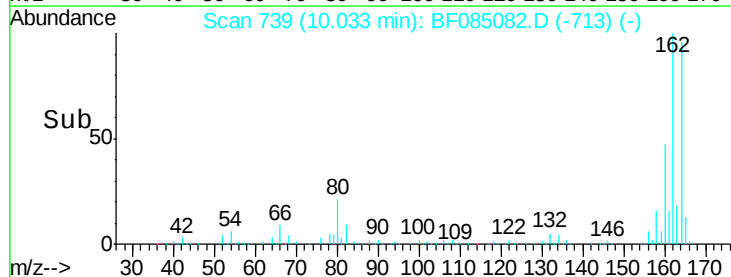
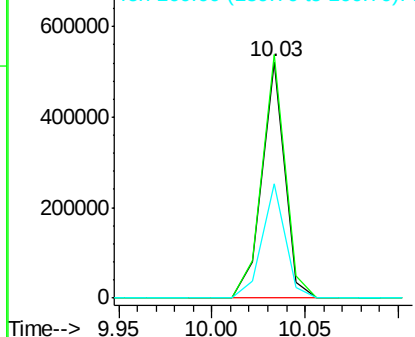


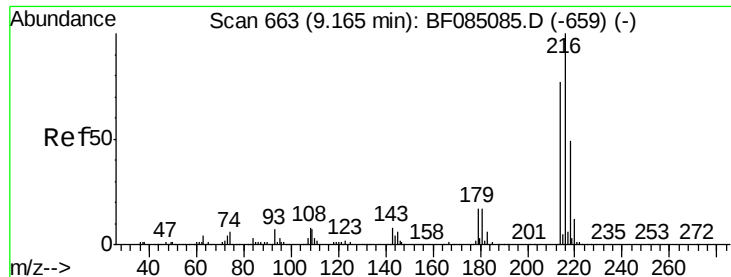
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:164 Resp: 438475
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.1 121.7
 160 48.6 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: 2.63 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085082.D

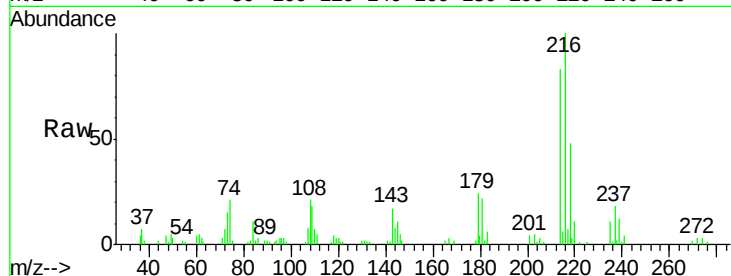
Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	37287
Ion Ratio	Lower	Upper
216	100	
214	83.2	62.2 93.2
179	23.0	18.1 27.1
108	21.1	15.7 23.5

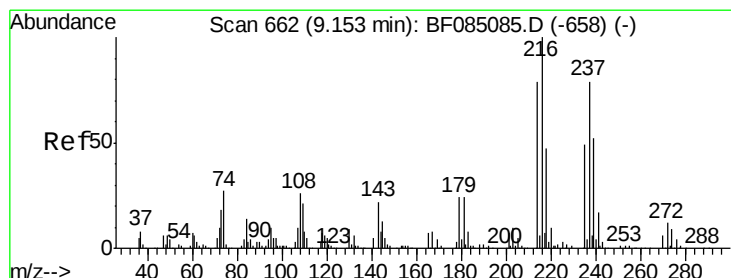
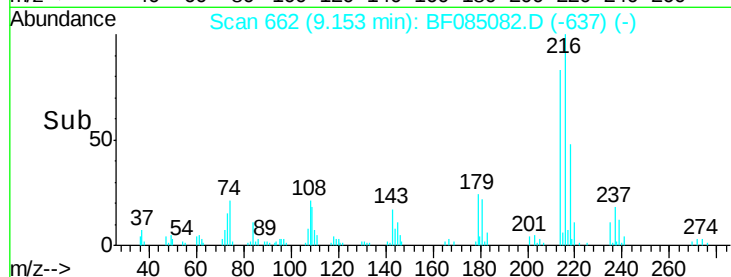
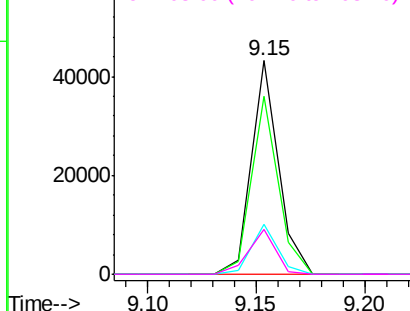


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.59 ng

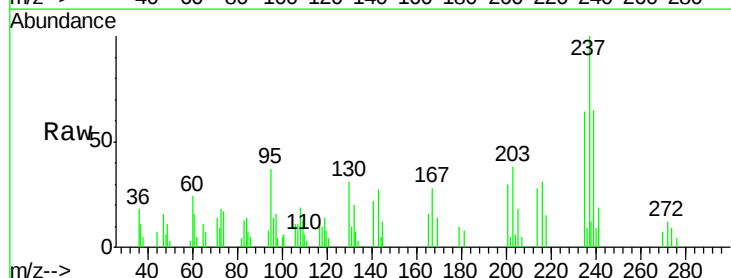
RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

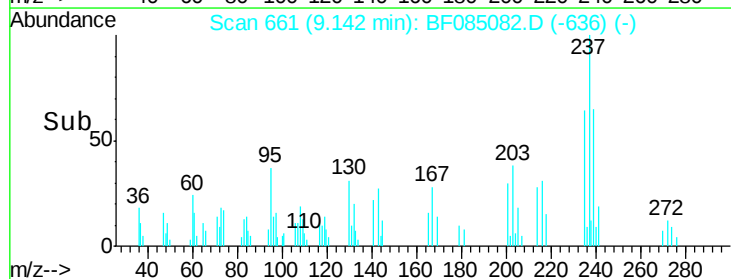
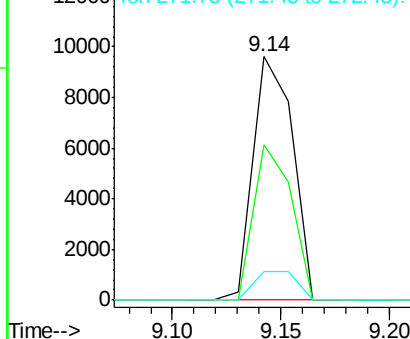
Tgt Ion:237	Resp:	12206
Ion Ratio	Lower	Upper
237	100	
235	63.7	44.8 84.8
272	11.8	0.0 31.8

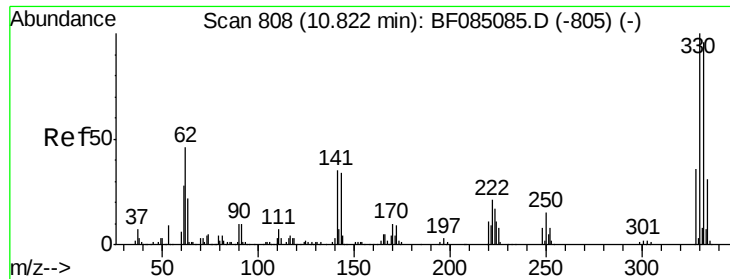


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

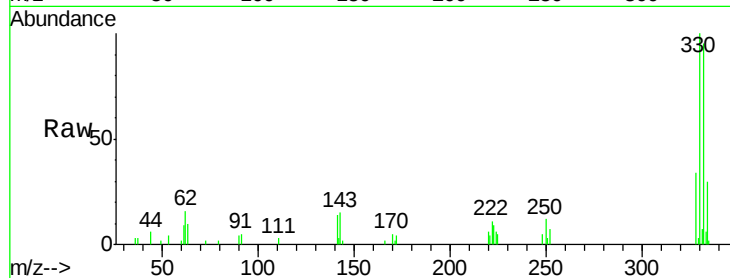




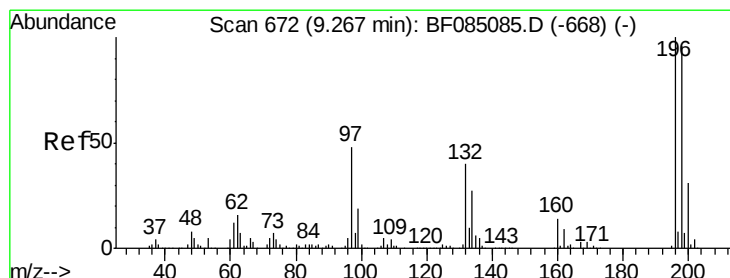
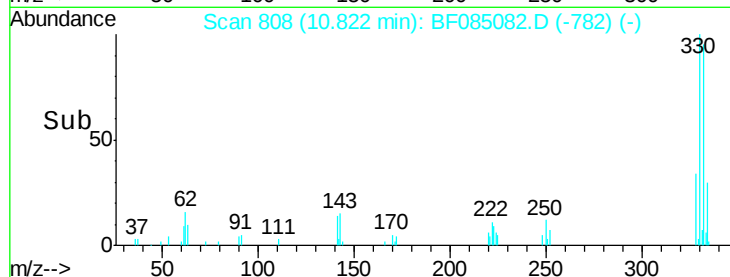
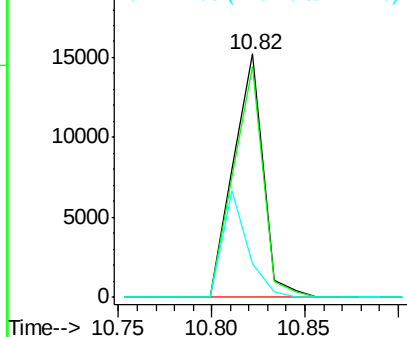
#41
 2,4,6-Tribromophenol
 Concen: 3.76 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 17006
 Ion Ratio Lower Upper
 330 100
 332 94.1 78.5 117.7
 141 36.7 28.6 42.8

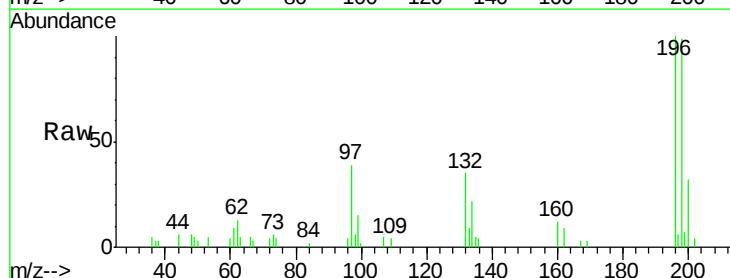


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

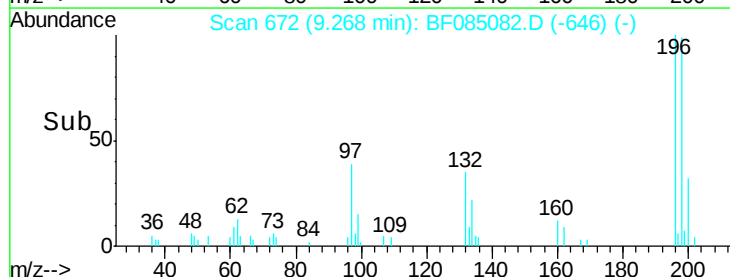
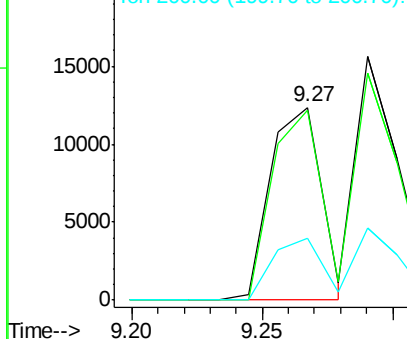


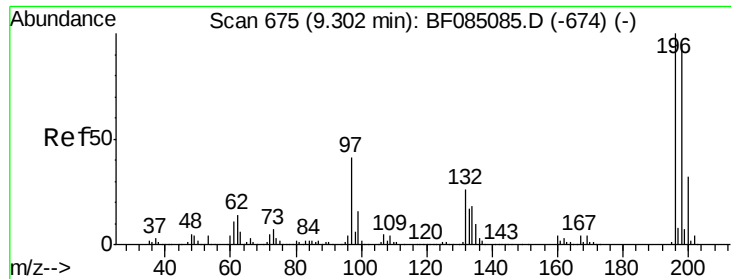
#42
 2,4,6-Trichlorophenol
 Concen: 2.16 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:196 Resp: 16836
 Ion Ratio Lower Upper
 196 100
 198 98.7 81.0 121.6
 200 32.0 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

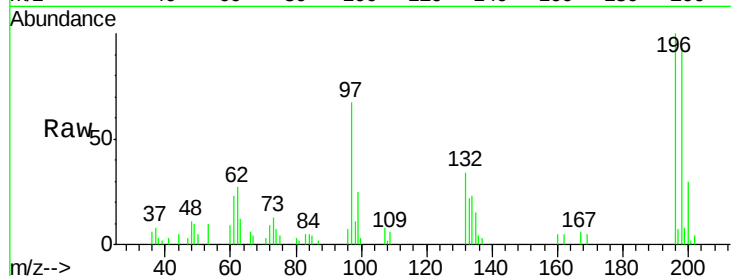




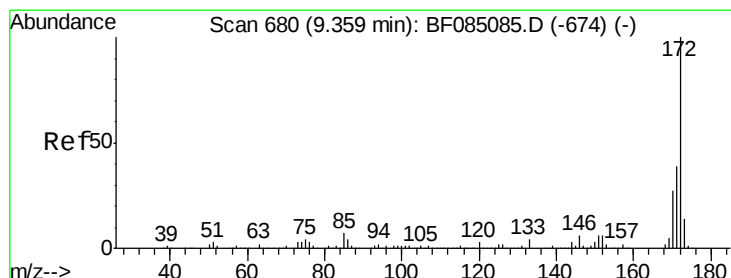
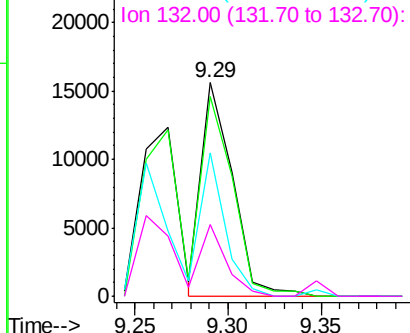
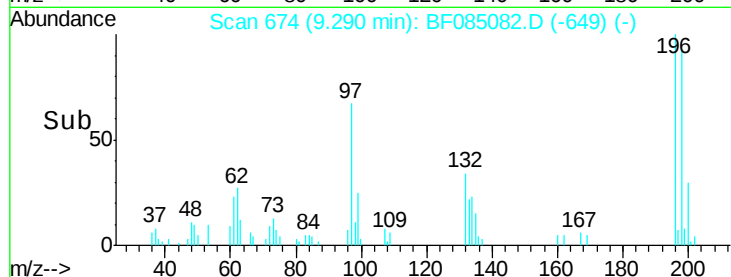
#43
 2,4,5-Trichlorophenol
 Concen: 2.00 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 18181
 Ion Ratio Lower Upper
 196 100
 198 93.4 79.7 119.5
 97 67.0 47.0 70.4
 132 33.7 26.4 39.6

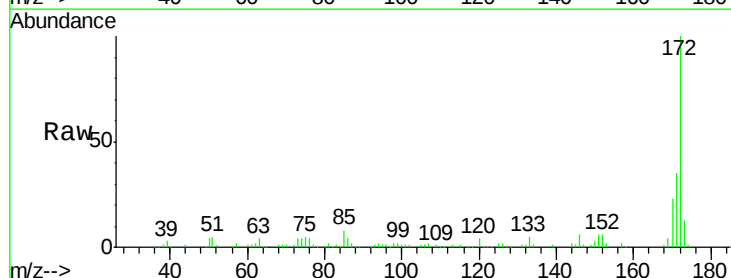


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

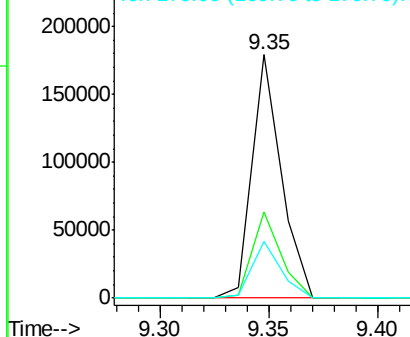
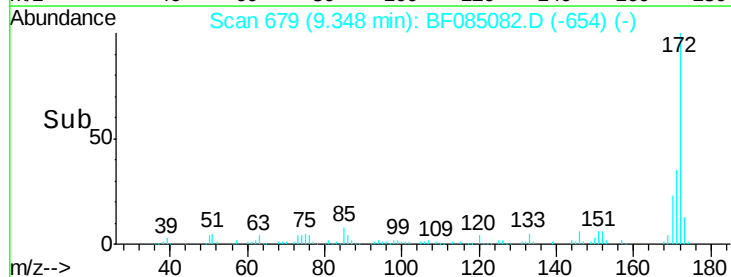


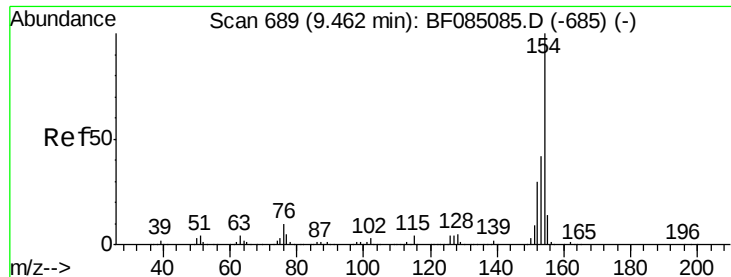
#44
 2-Fluorobiphenyl
 Concen: 5.46 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:172 Resp: 167435
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.1 43.7
 170 23.4 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: 2.63 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

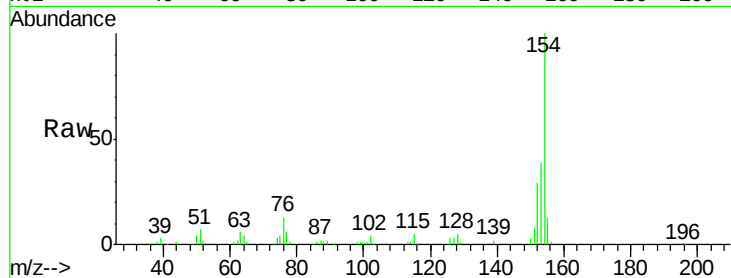
Tot Ion:154 Resp: 104884

Ion Ratio Lower Upper

154 100

153 39.0 19.9 59.9

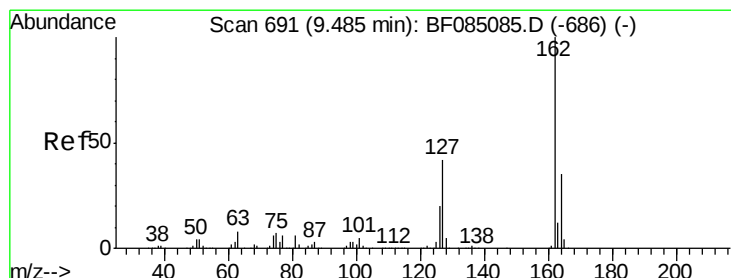
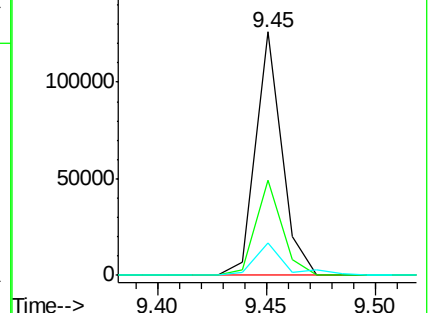
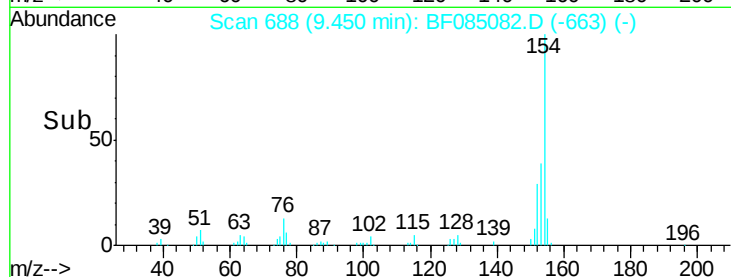
76 13.1 0.0 31.6



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: 2.52 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

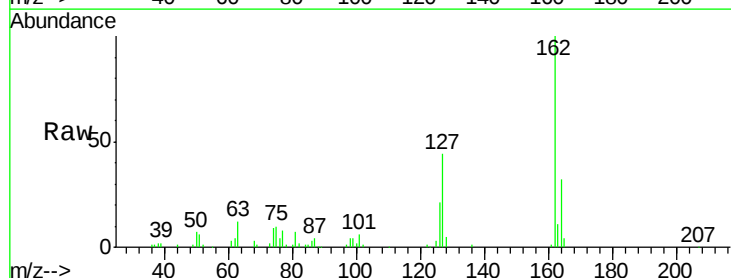
Tgt Ion:162 Resp: 71329

Ion Ratio Lower Upper

162 100

127 43.7 34.8 52.2

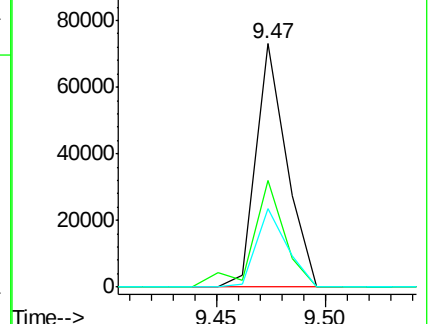
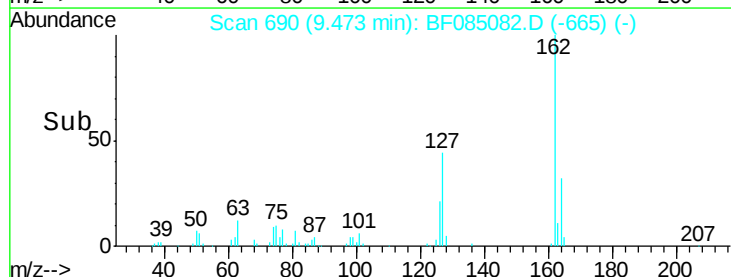
164 32.2 25.8 38.6

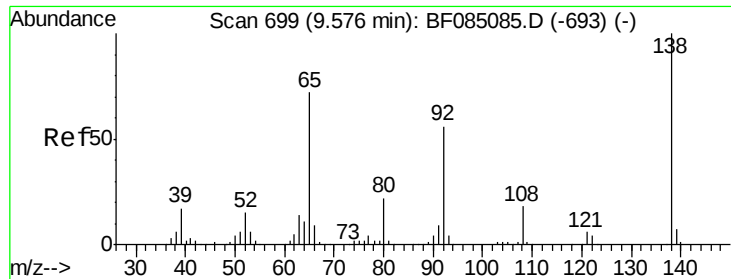


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

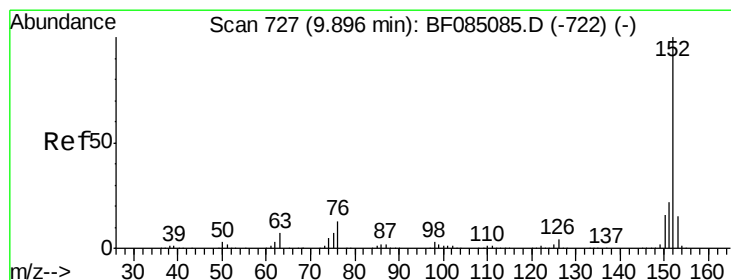
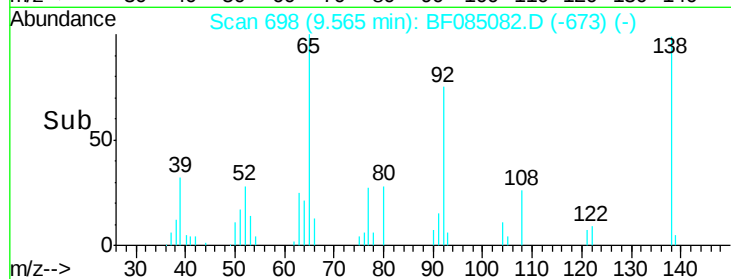
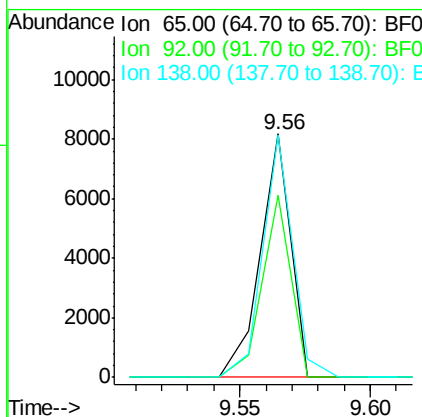
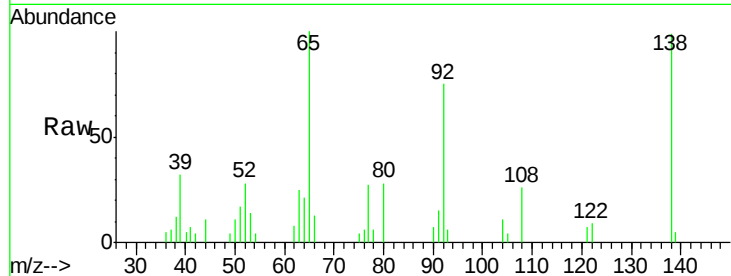




#47
 2-Nitroaniline
 Concen: 0.77 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

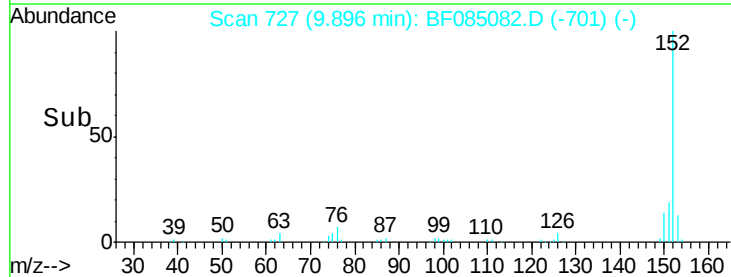
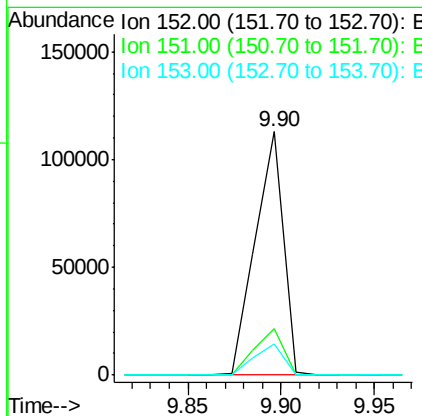
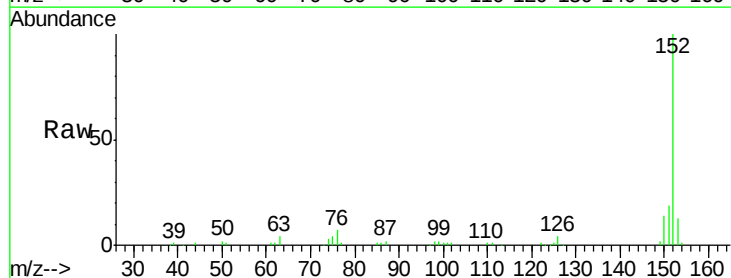
Instrument :
 BNA_F
 ClientSampleId :

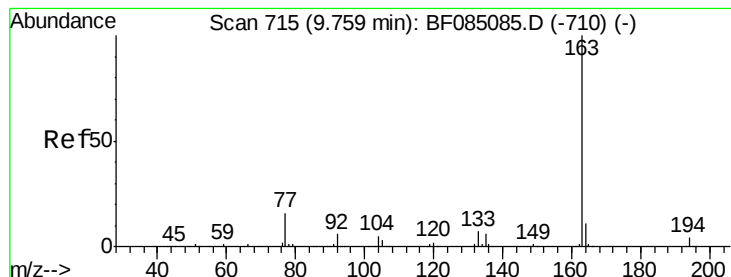
Tot Ion: 65 Resp: 6676
 Ion Ratio Lower Upper
 65 100
 92 75.0 57.1 85.7
 138 99.4 86.8 130.2



#48
 Acenaphthylene
 Concen: 2.62 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion: 152 Resp: 117531
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.0 24.0
 153 12.8 11.1 16.7





#49

Dimethylphthalate

Concen: 2.31 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

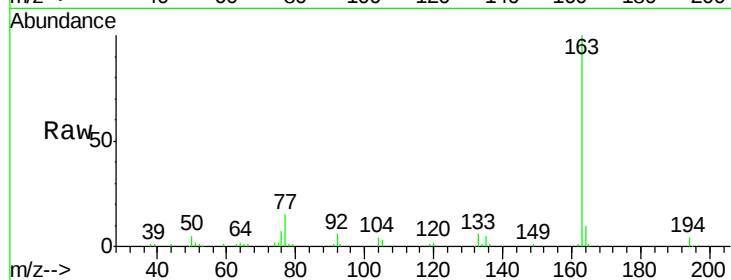
Tot Ion:163 Resp: 76002

Ion Ratio Lower Upper

163 100

194 3.7 2.5 3.7#

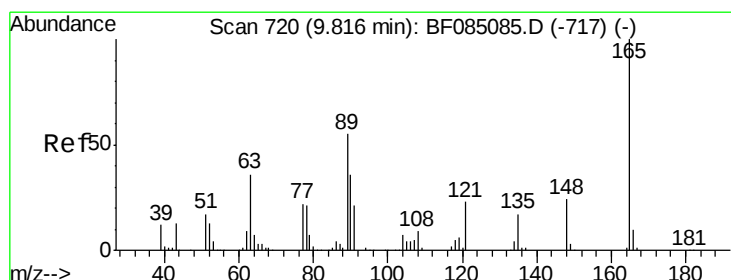
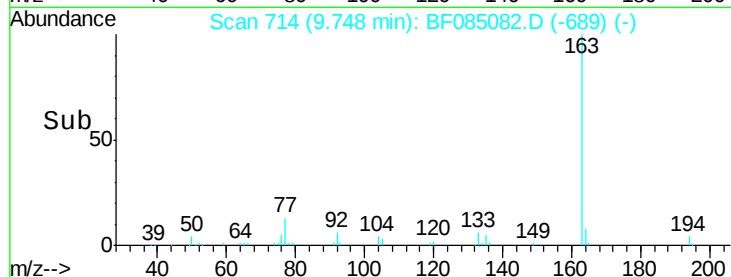
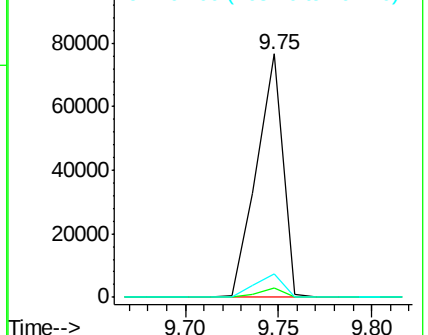
164 9.7 7.8 11.8



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: 0.99 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

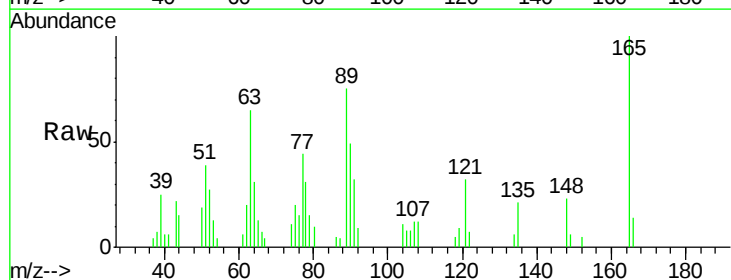
Tgt Ion:165 Resp: 6646

Ion Ratio Lower Upper

165 100

63 65.4 47.5 71.3

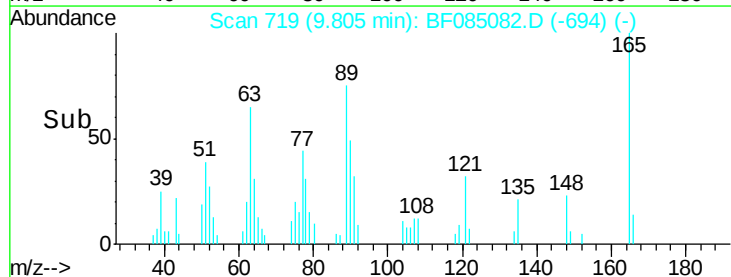
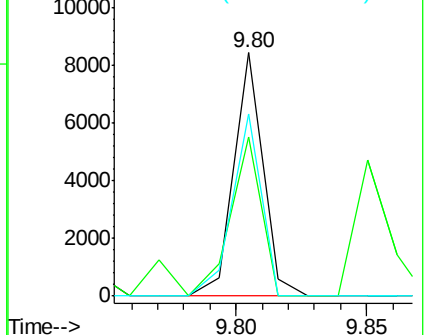
89 74.6 42.9 64.3#

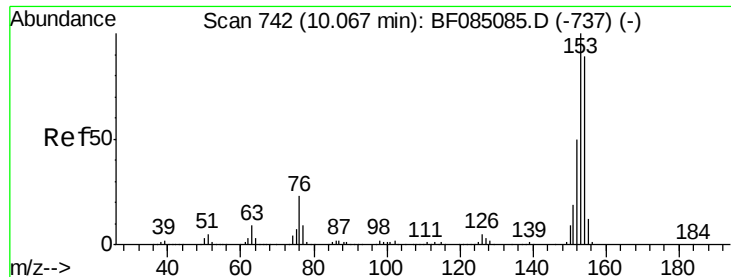


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.73 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

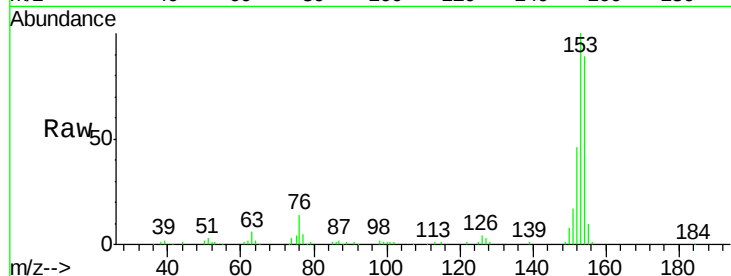
Tot Ion:154 Resp: 74168

Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

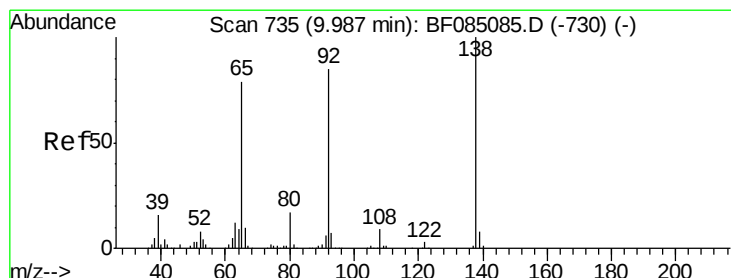
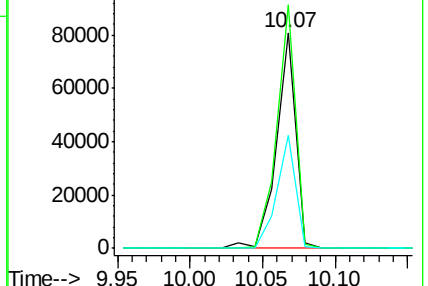
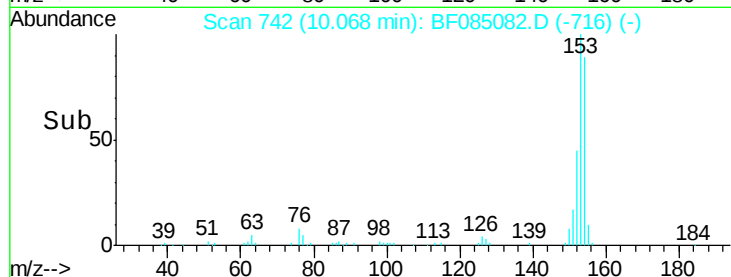
152 52.2 40.7 61.1



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: 0.98 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

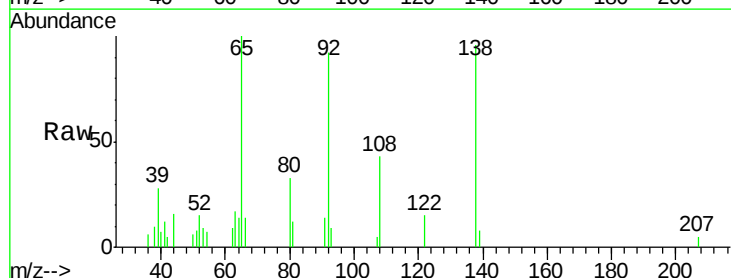
Tgt Ion:138 Resp: 7344

Ion Ratio Lower Upper

138 100

108 44.6 9.1 13.7#

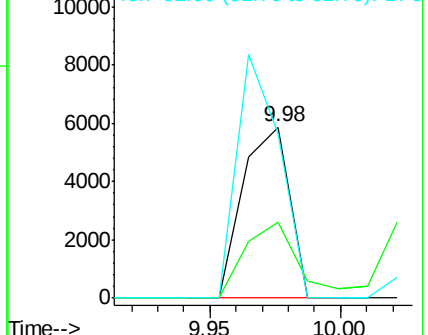
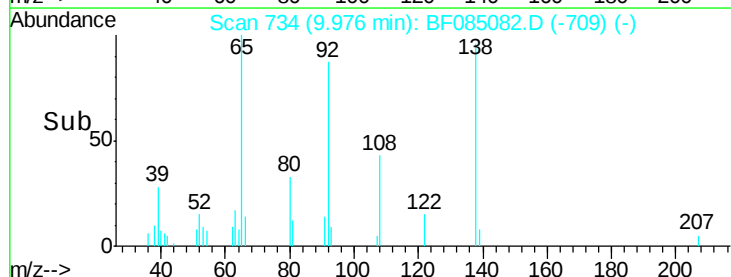
92 96.0 88.9 133.3

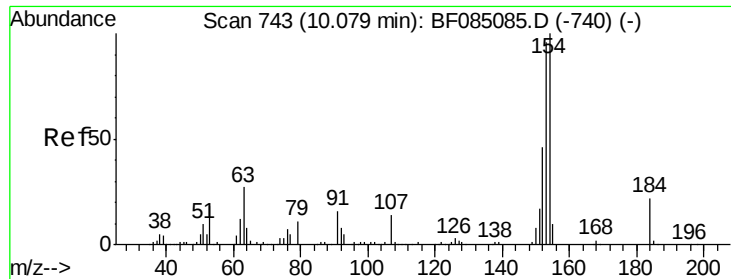


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

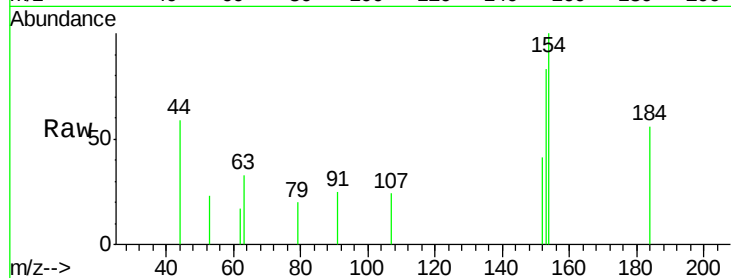




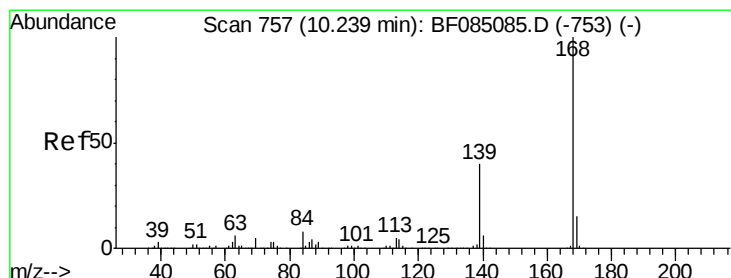
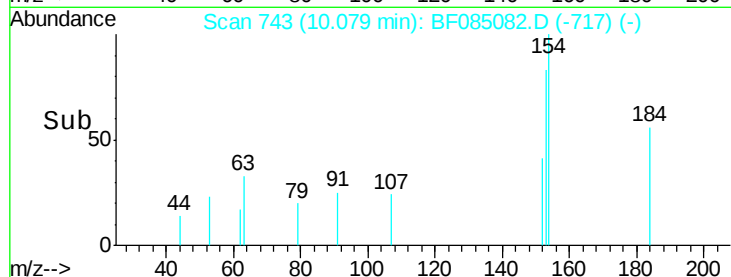
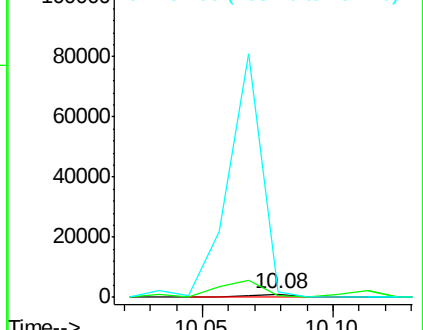
#53
2,4-Dinitrophenol
Concen: 0.44 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 992
Ion Ratio Lower Upper
184 100
63 59.1 60.6 90.8#
154 179.3 70.2 105.2#

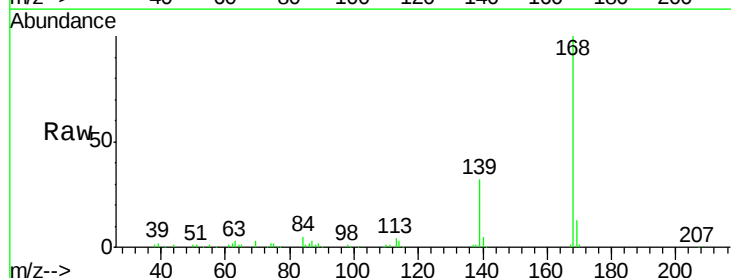


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

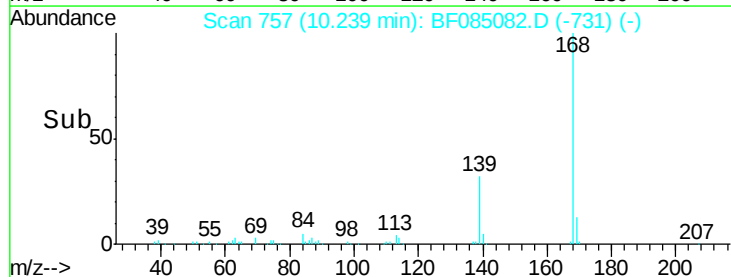
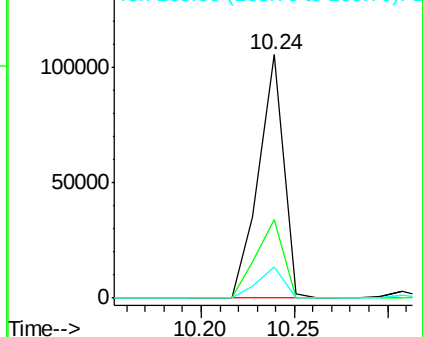


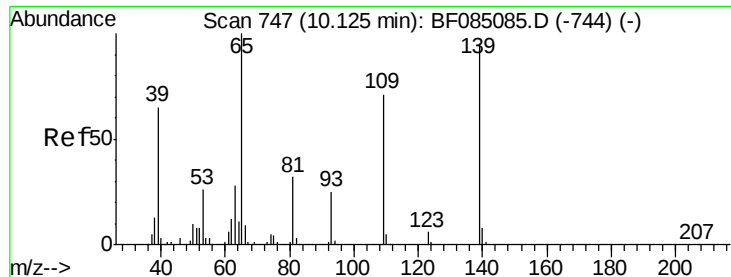
#54
Dibenzofuran
Concen: 2.70 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:168 Resp: 97859
Ion Ratio Lower Upper
168 100
139 32.4 33.0 49.4#
169 13.0 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: 1.27 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

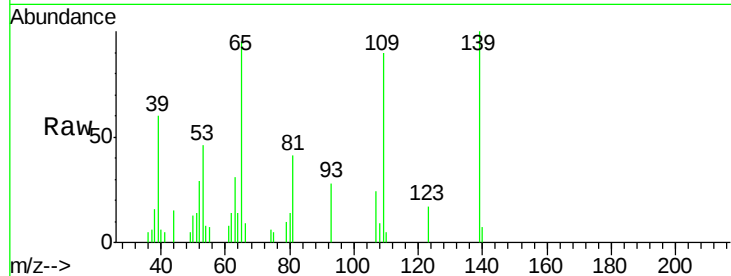
Tot Ion:139 Resp: 6122

Ion Ratio Lower Upper

139 100

109 89.6 48.7 88.7#

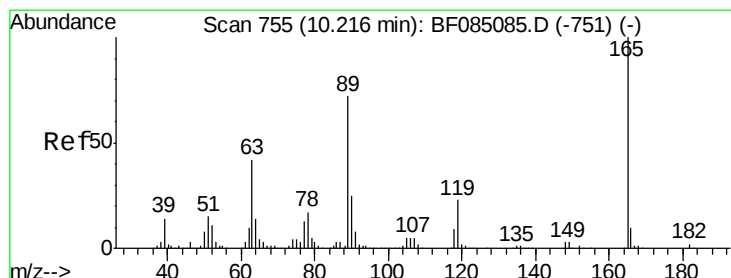
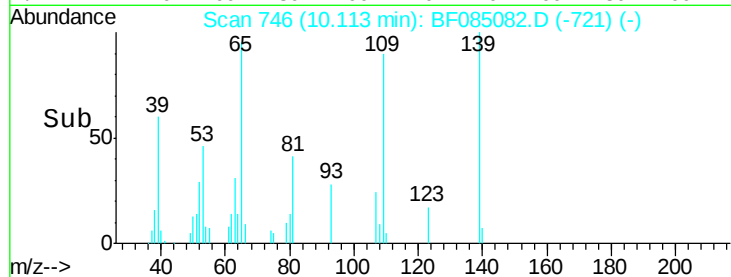
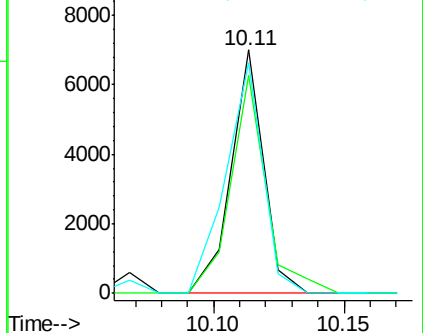
65 94.7 78.8 118.8



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: 0.79 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Tgt Ion:165 Resp: 7237

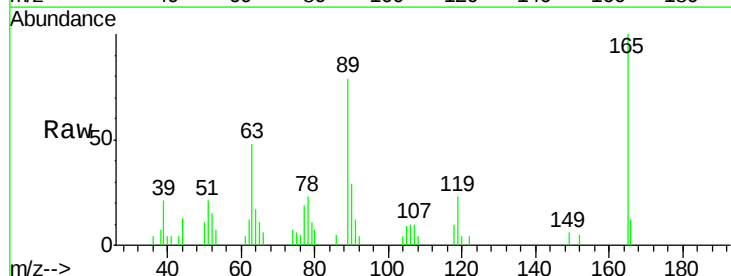
Ion Ratio Lower Upper

165 100

63 48.5 36.6 55.0

89 79.3 54.4 81.6

182 0.0 1.6 2.4#

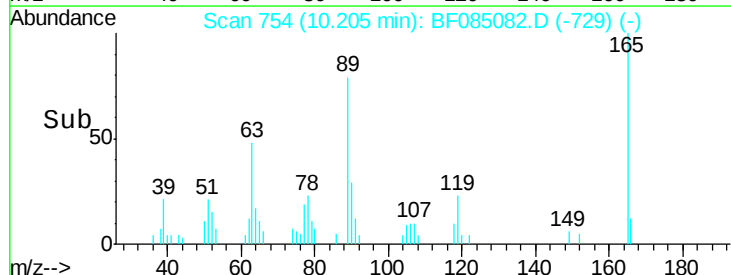
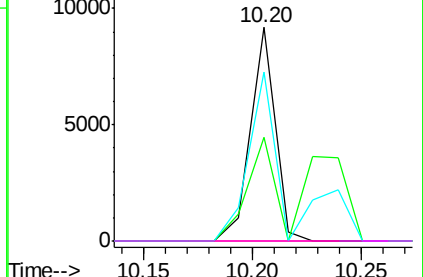


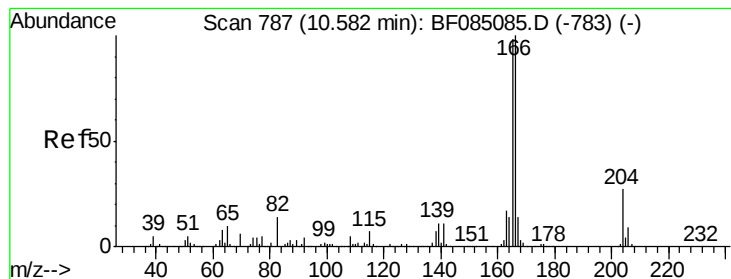
Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.73 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampled :

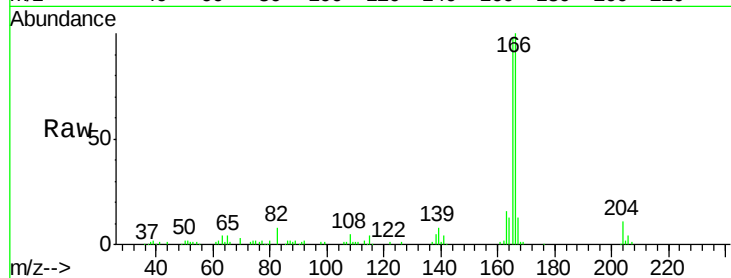
Tot Ion:166 Resp: 84976

Ion Ratio Lower Upper

166 100

165 97.5 78.9 118.3

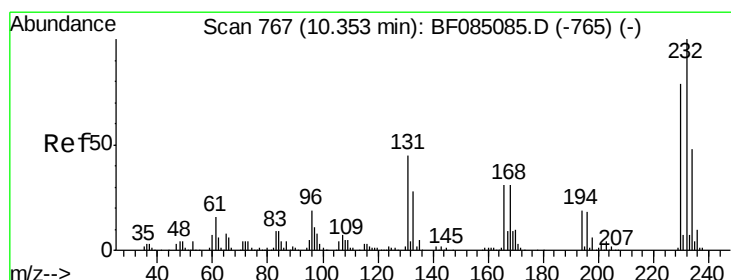
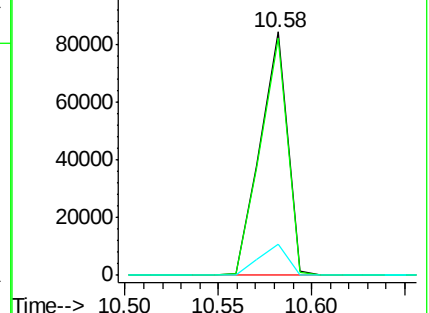
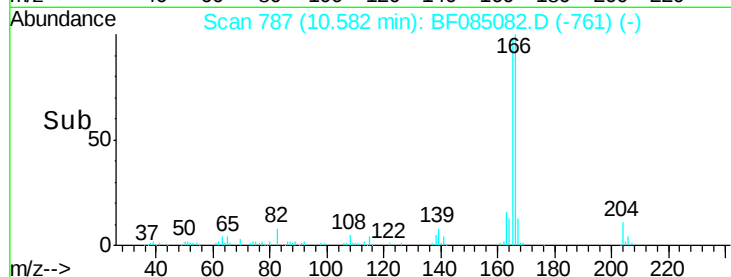
167 13.0 10.9 16.3



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: 1.98 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Tgt Ion:232 Resp: 14268

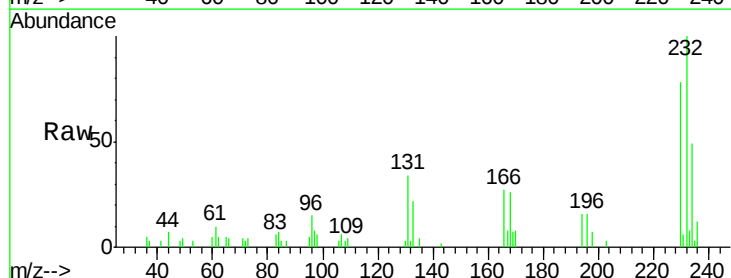
Ion Ratio Lower Upper

232 100

131 44.4 39.7 59.5

130 1.7 1.8 2.8#

166 28.2 24.2 36.2

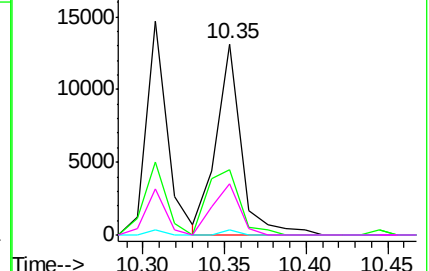
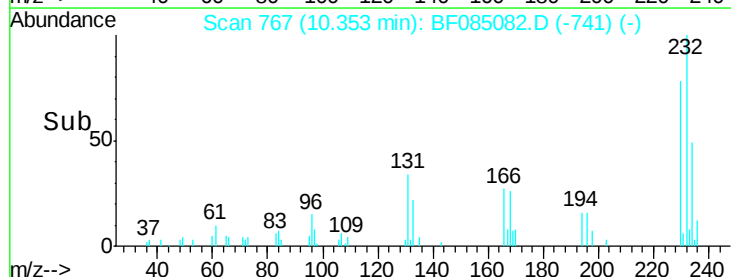


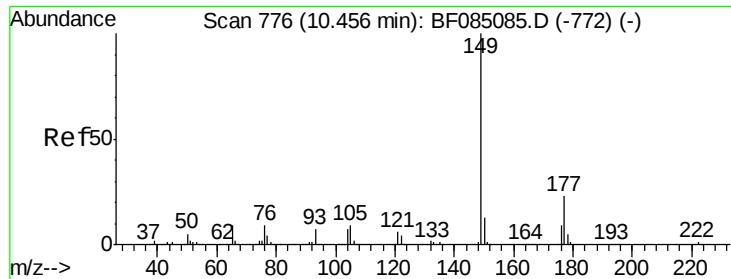
Abundance Ion 232.00 (231.70 to 232.70): E

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

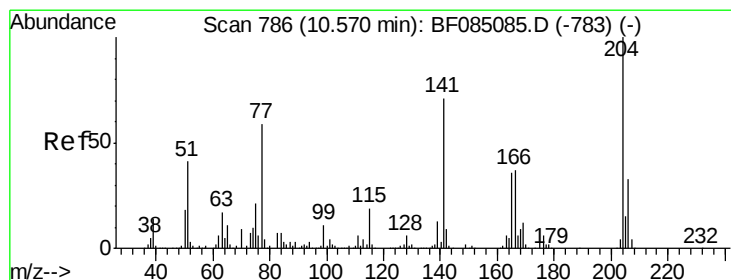
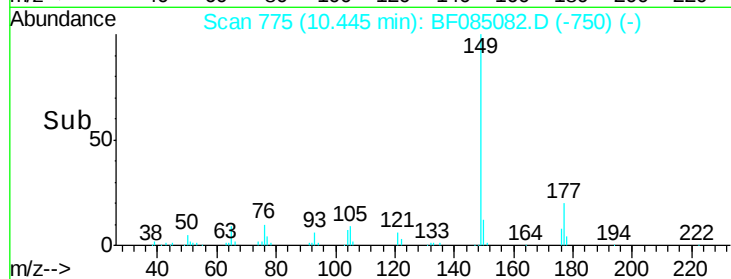
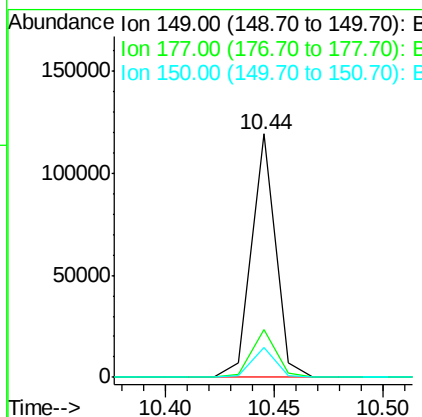
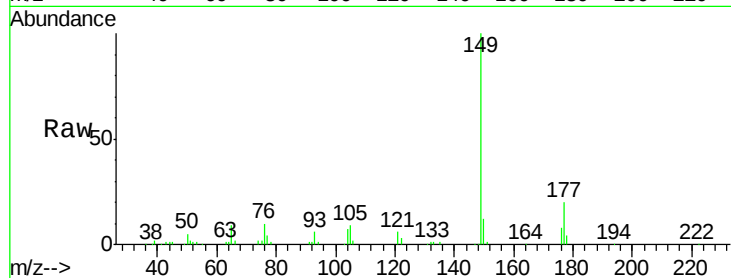




#59
Diethylphthalate
Concen: 2.82 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

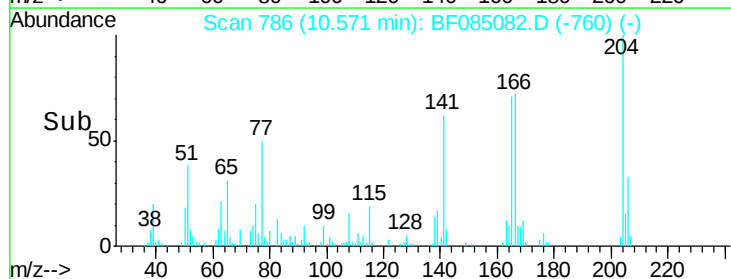
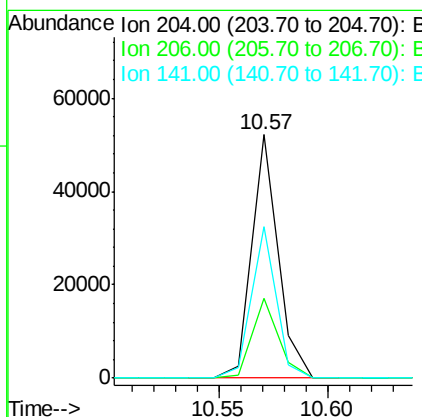
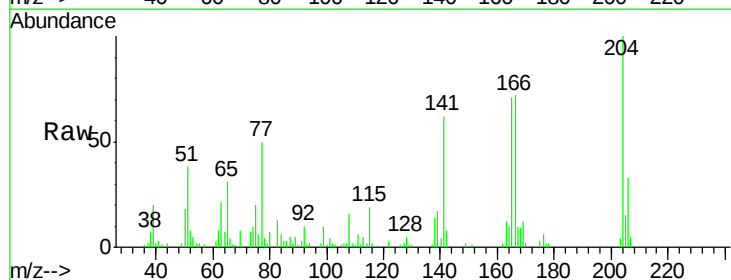
Instrument :
BNA_F
ClientSampleId :

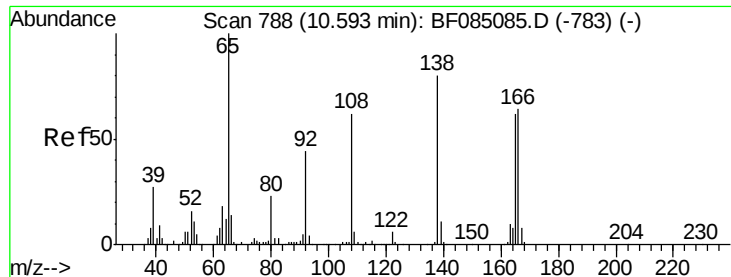
Tot Ion:149 Resp: 91920
Ion Ratio Lower Upper
149 100
177 19.7 16.4 24.6
150 12.2 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 2.93 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:204 Resp: 43741
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 62.2 50.5 75.7





#61

4-Nitroaniline

Concen: 1.12 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

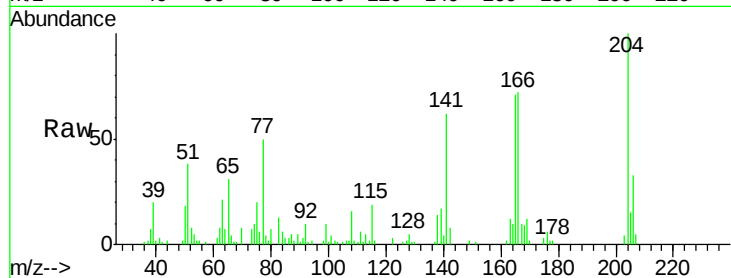
Tot Ion:138 Resp: 7682

Ion Ratio Lower Upper

138 100

92 70.7 32.6 72.6

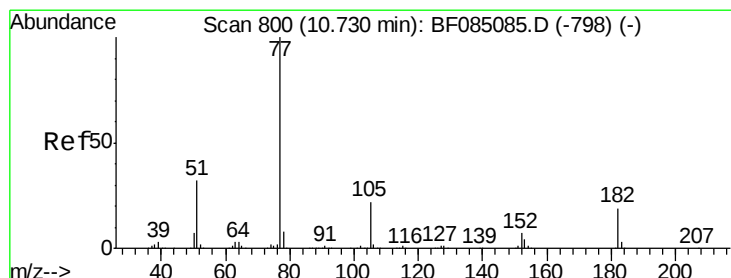
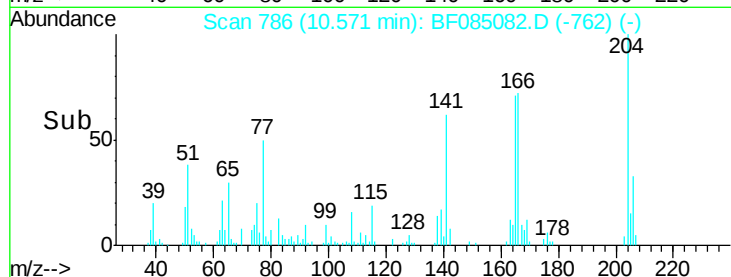
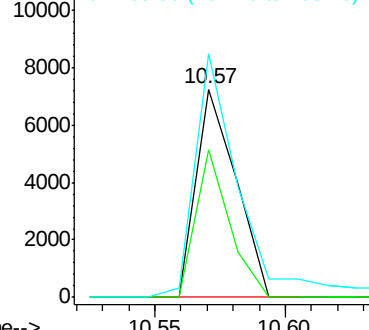
108 117.0 54.6 94.6#



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: 2.58 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Tgt Ion: 77 Resp: 80838

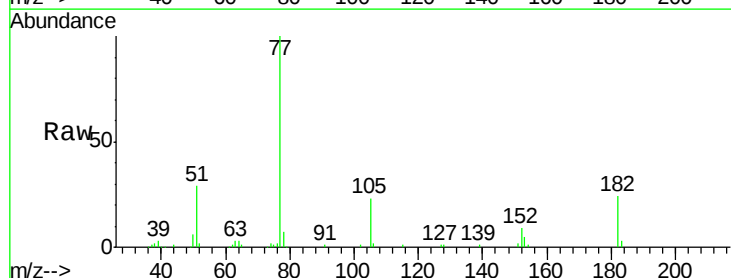
Ion Ratio Lower Upper

77 100

182 24.4 1.3 41.3

105 23.3 4.2 44.2

51 28.7 13.5 53.5

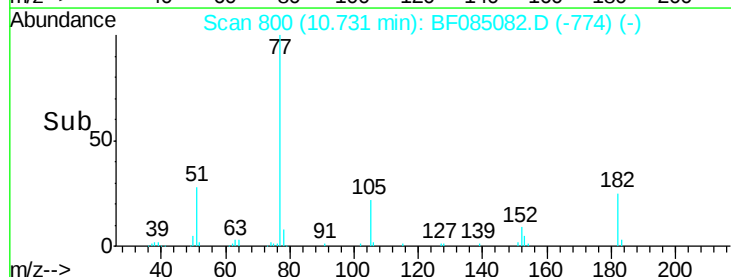
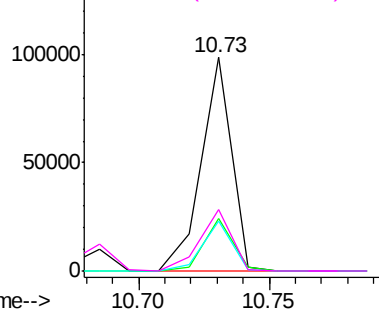


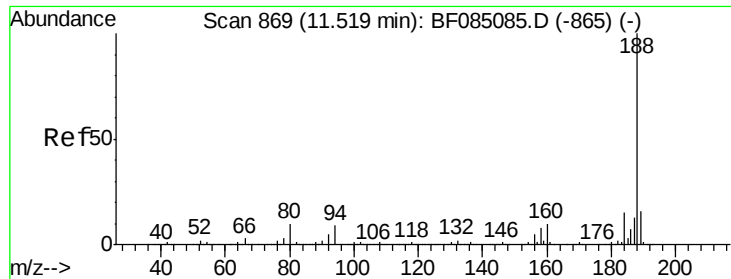
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampled :

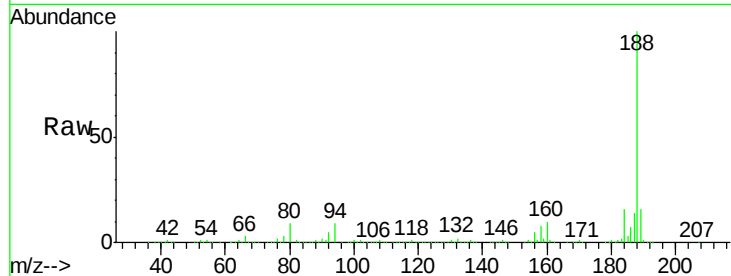
Tot Ion:188 Resp: 910670

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

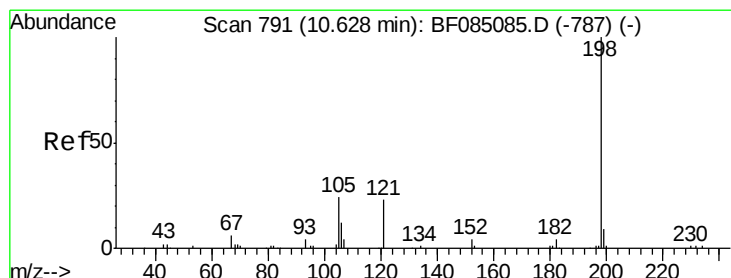
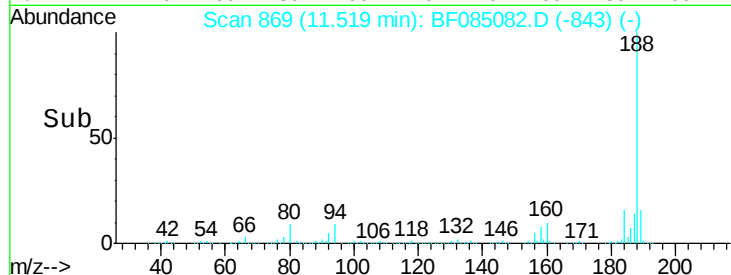
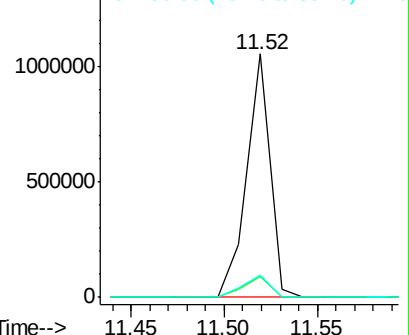
80 9.2 6.6 9.8



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: 0.36 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

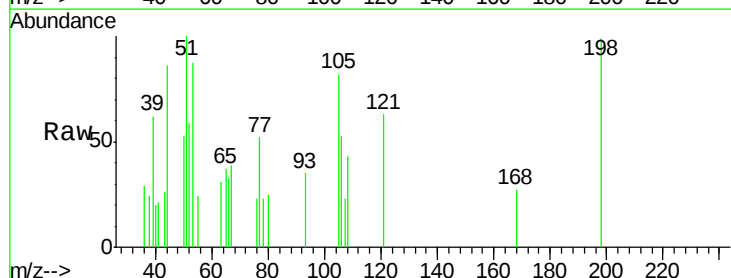
Tgt Ion:198 Resp: 1745

Ion Ratio Lower Upper

198 100

51 101.3 34.5 74.5#

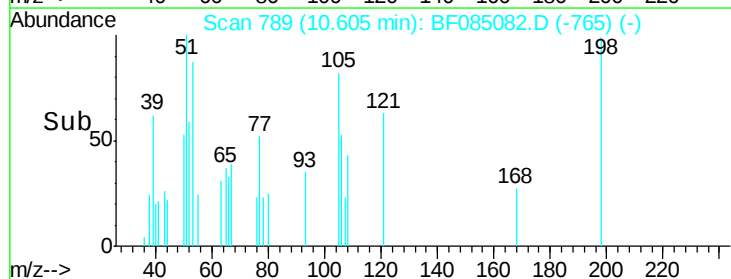
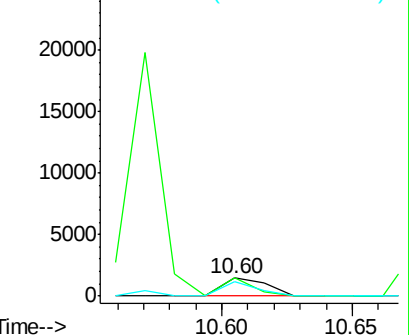
105 83.0 26.2 66.2#

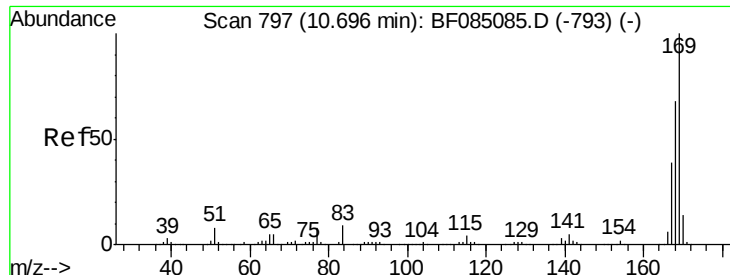


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

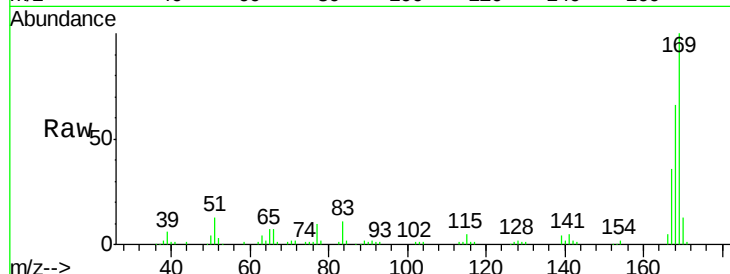




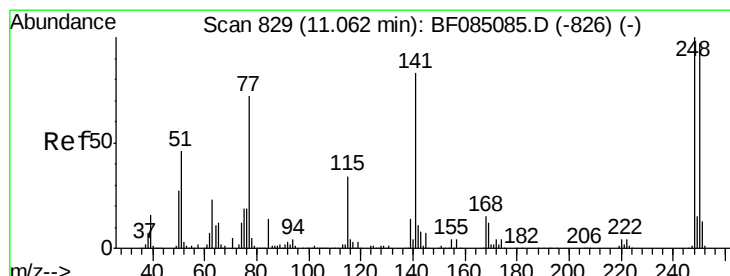
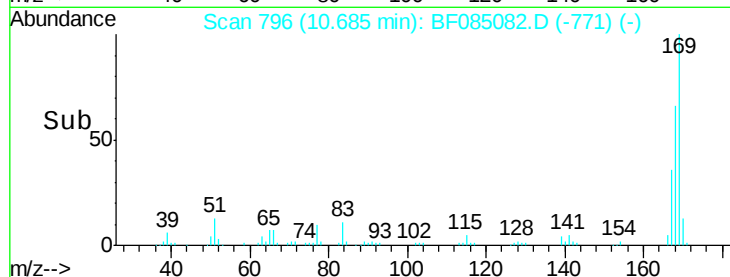
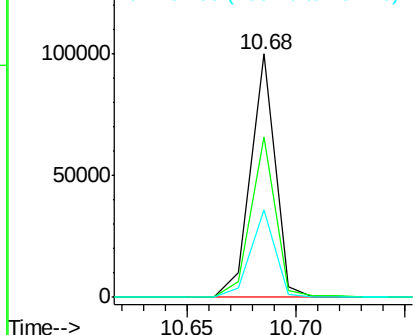
#65
 n-Nitrosodiphenylamine
 Concen: 2.71 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 78326
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.8 82.2
 167 35.9 29.8 44.8

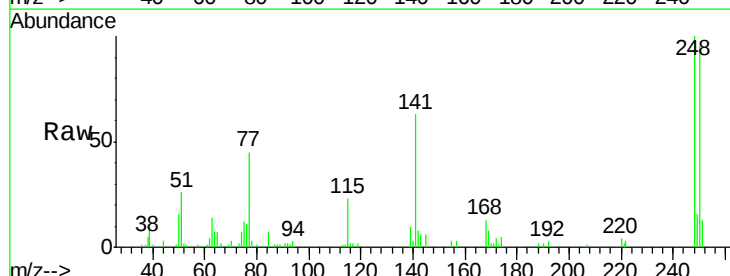


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

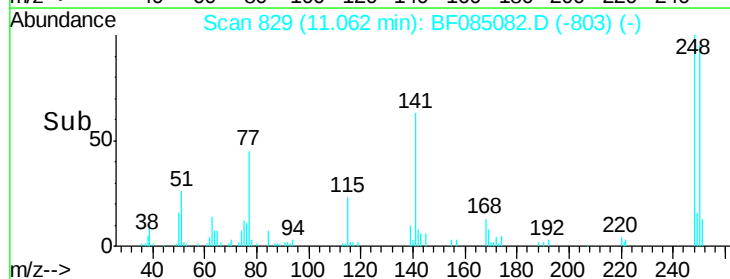
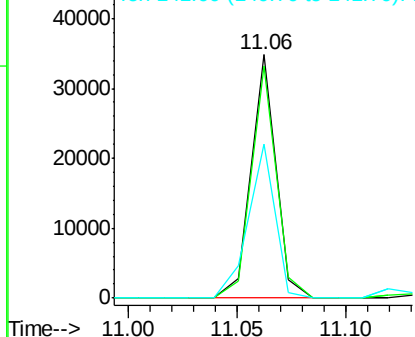


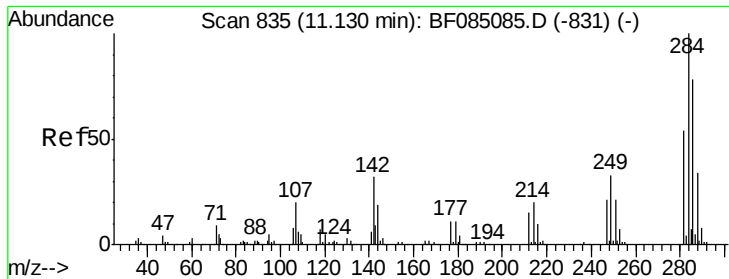
#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:248 Resp: 27575
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.5 116.3
 141 63.3 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

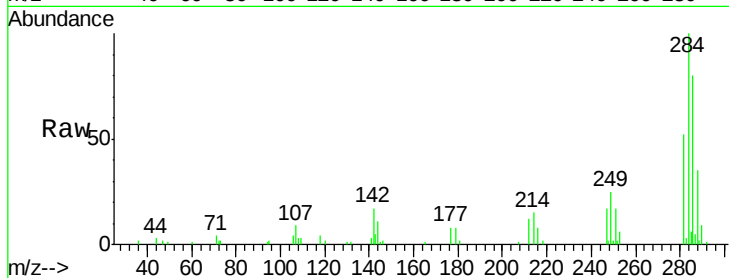




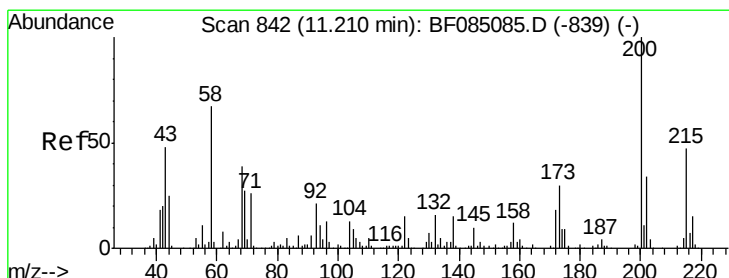
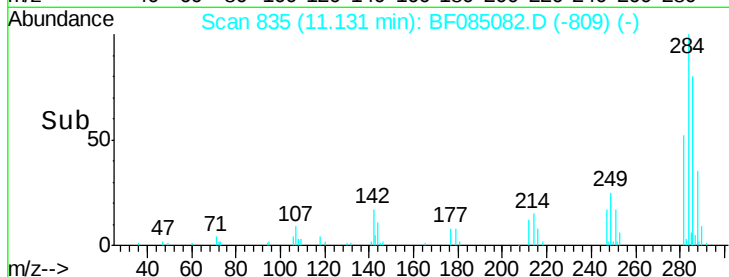
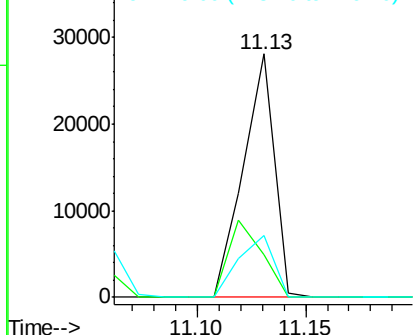
#67
Hexachlorobenzene
Concen: 2.57 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 27826
Ion Ratio Lower Upper
284 100
142 17.5 33.5 50.3#
249 25.3 27.4 41.2#

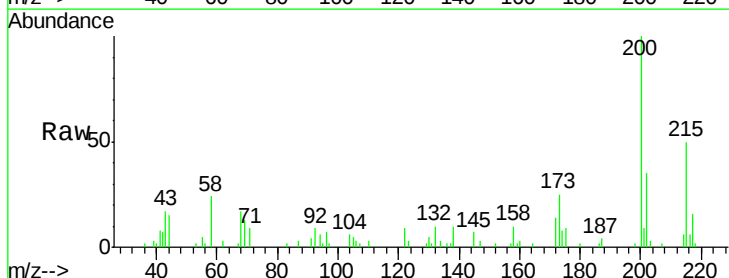


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

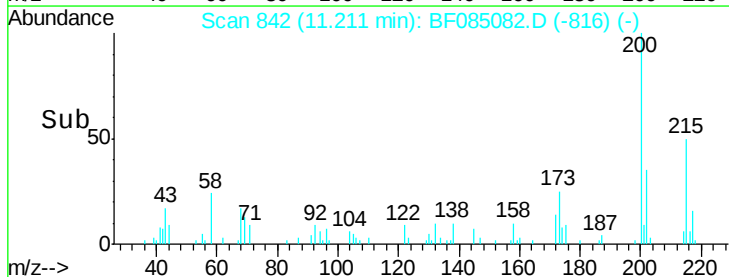
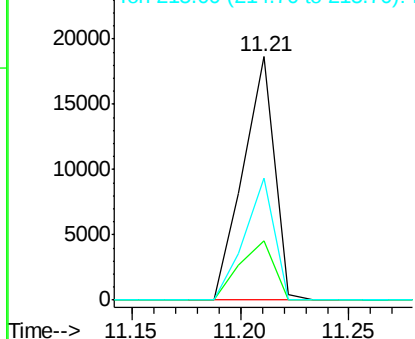


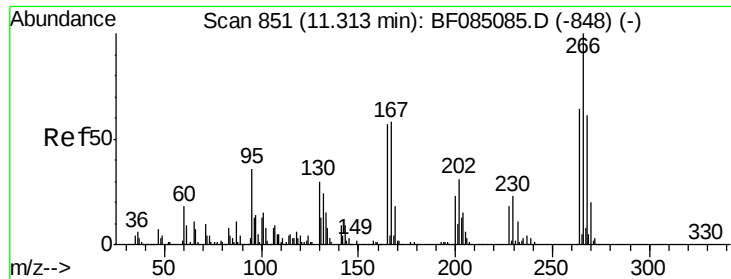
#68
Atrazine
Concen: 2.23 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:200 Resp: 18664
Ion Ratio Lower Upper
200 100
173 24.5 4.7 44.7
215 50.0 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

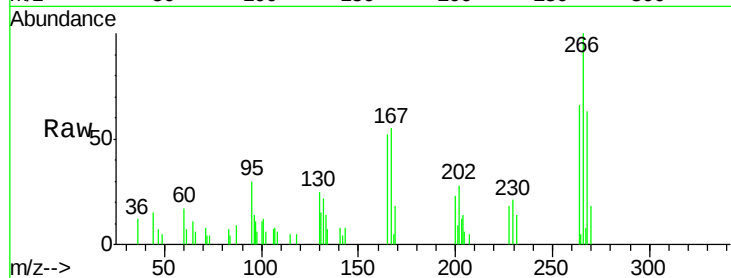




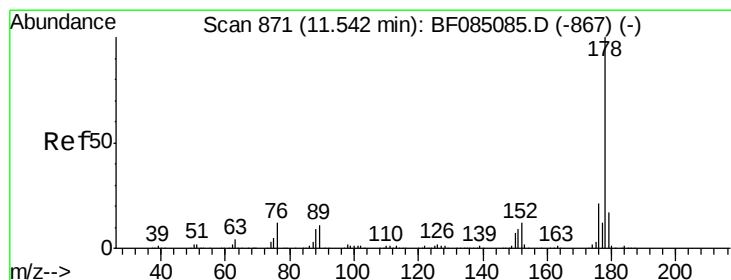
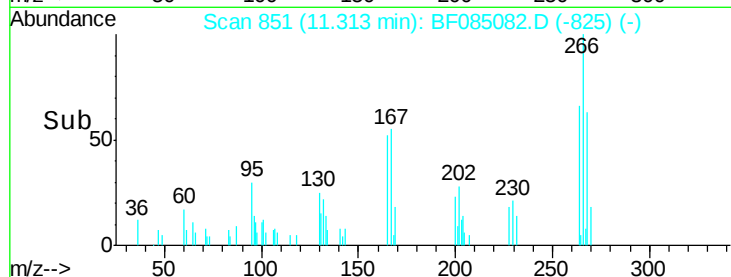
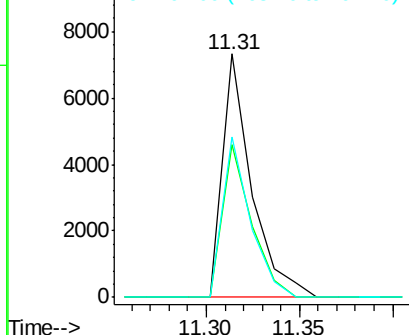
#69
 Pentachlorophenol
 Concen: 1.91 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	47.3	70.9
264	65.9	49.8	74.6

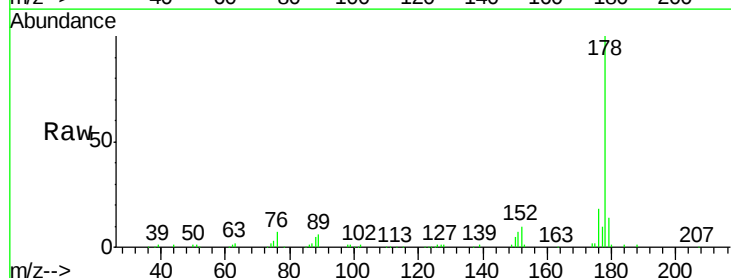


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

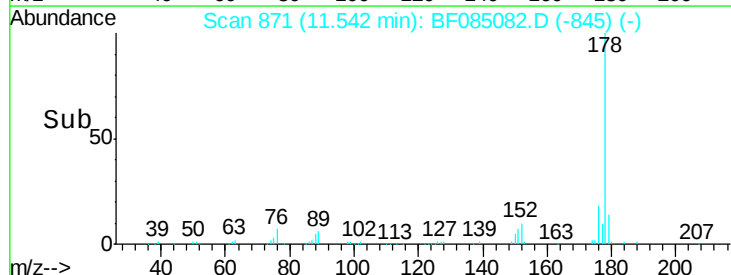
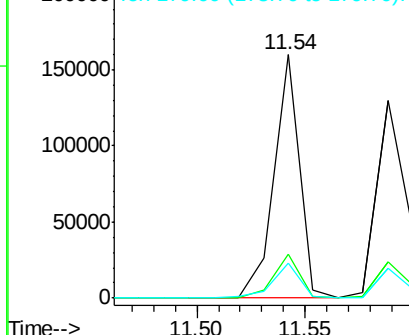


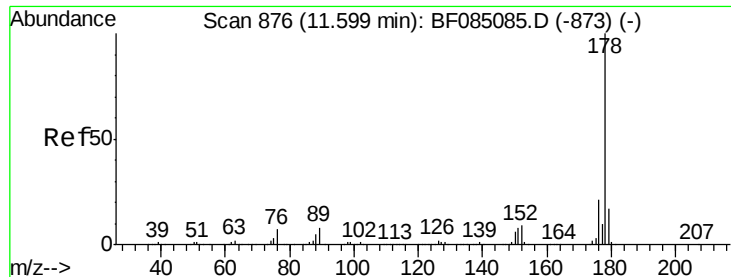
#70
 Phenanthrene
 Concen: 2.62 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.9	23.9
179	14.5	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

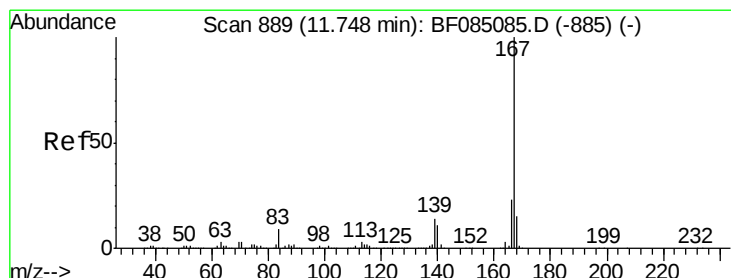
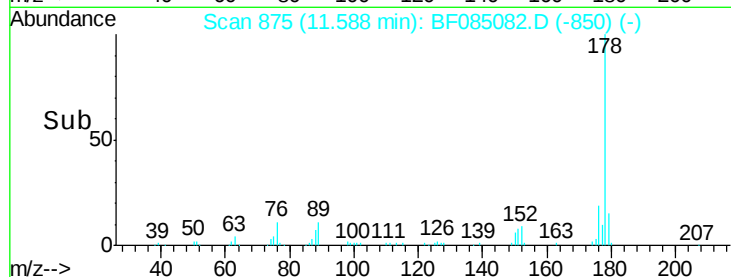
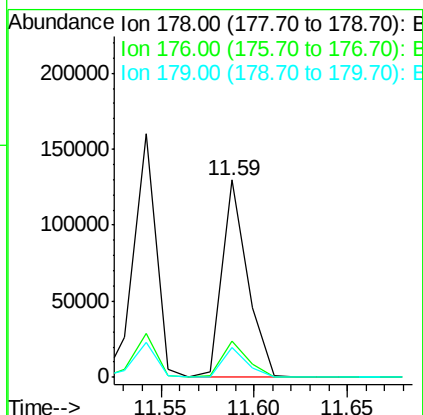
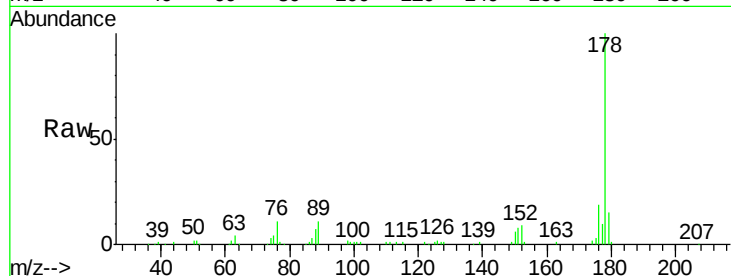




#71
 Anthracene
 Concen: 2.35 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

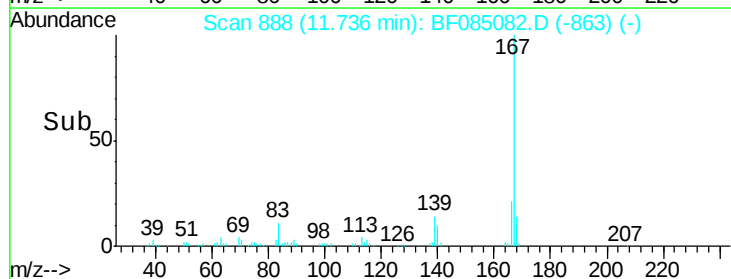
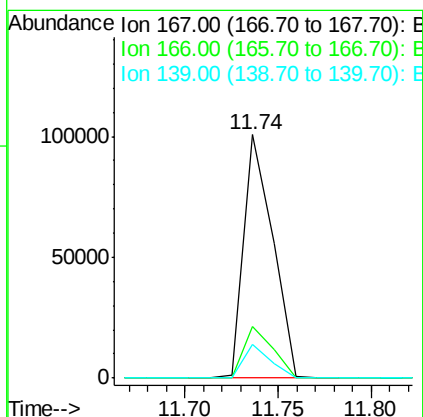
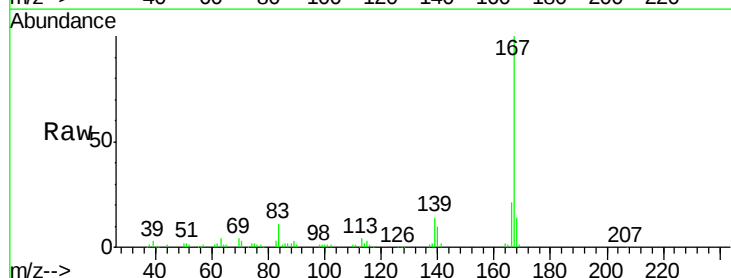
Instrument :
 BNA_F
 ClientSampleId :

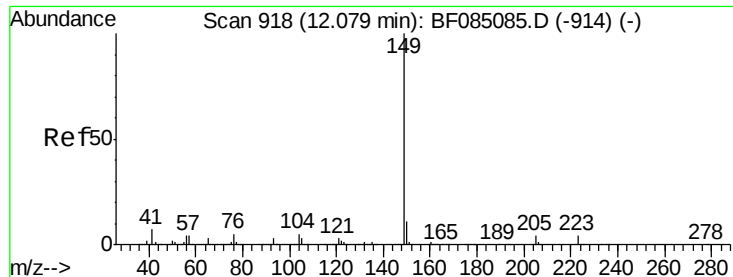
Tot Ion:178 Resp: 123400
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 2.50 ng
 RT: 11.74 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:167 Resp: 108708
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.6 11.0 16.6





#73

Di-n-butylphthalate

Concen: 2.05 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

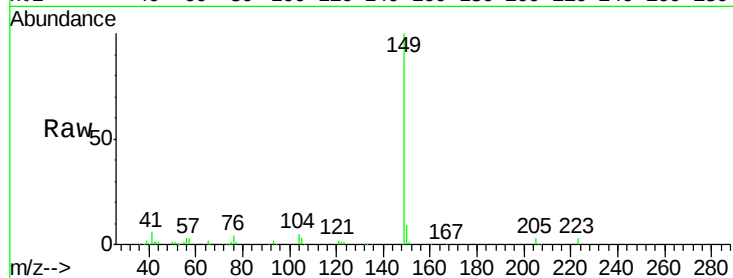
Tot Ion:149 Resp: 116869

Ion Ratio Lower Upper

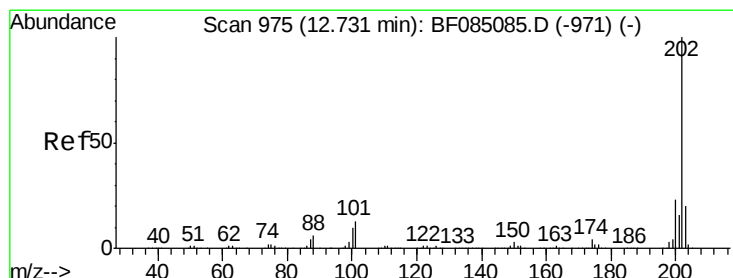
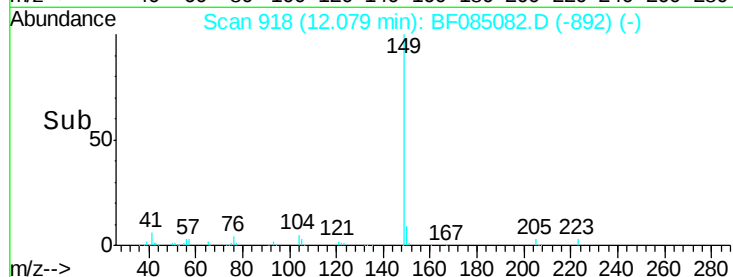
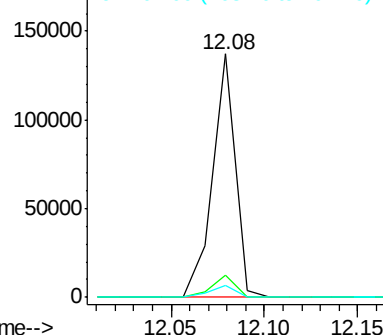
149 100

150 9.0 7.5 11.3

104 4.8 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: 2.71 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

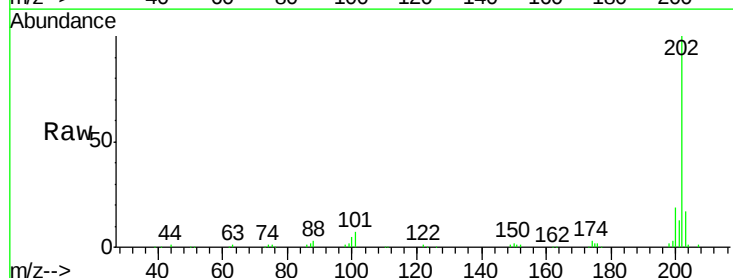
Tgt Ion:202 Resp: 135554

Ion Ratio Lower Upper

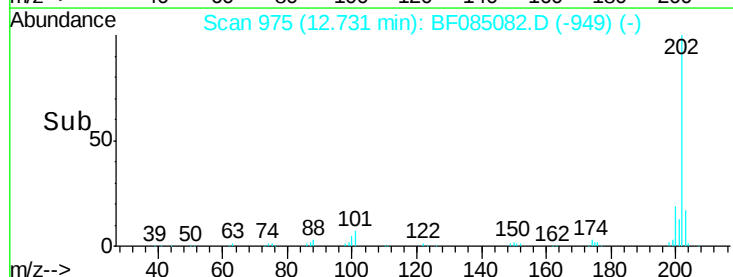
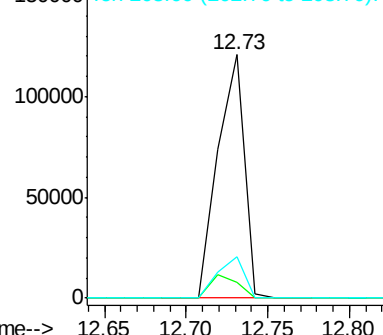
202 100

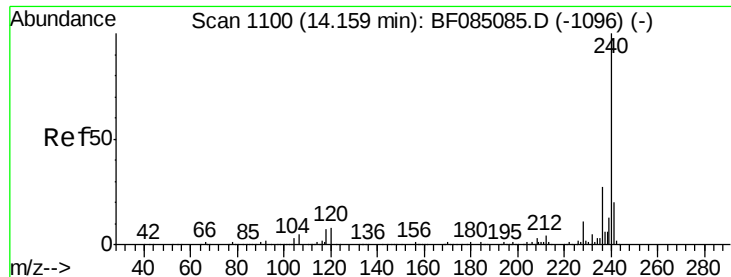
101 6.7 0.0 29.8

203 16.9 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: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

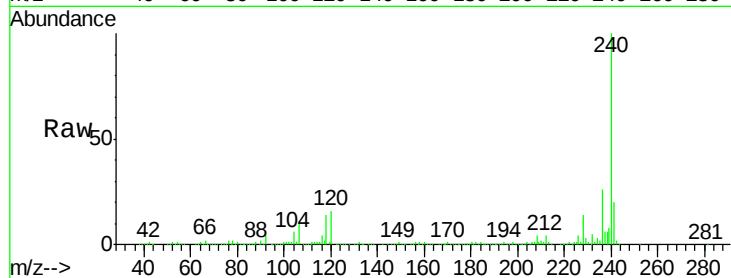
Tot Ion:240 Resp: 860844

Ion Ratio Lower Upper

240 100

120 15.6 7.0 10.6#

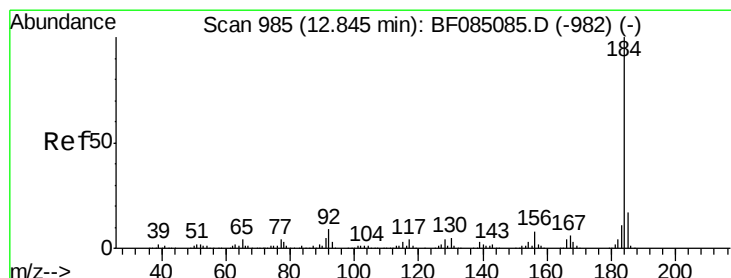
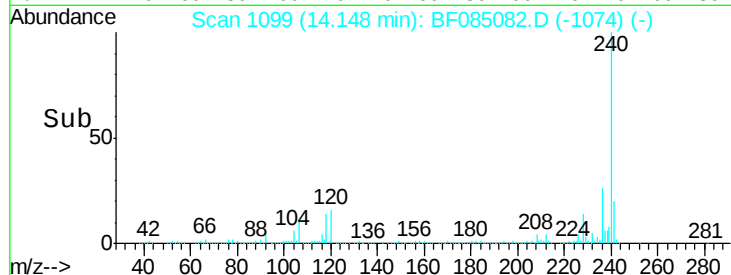
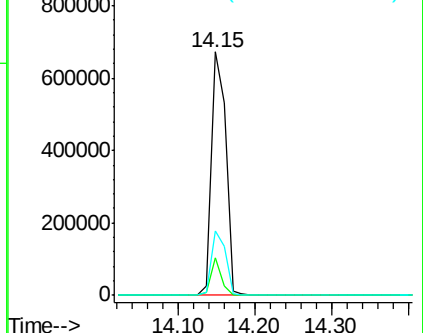
236 26.4 20.5 30.7



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: 4.19 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

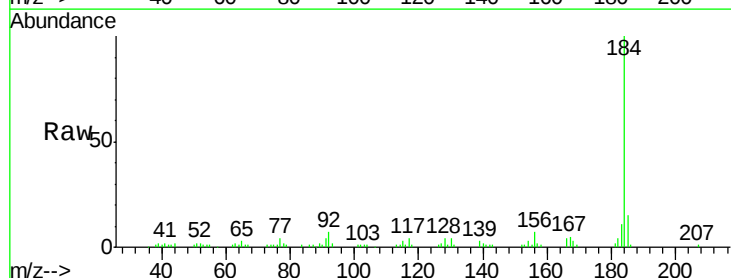
Tgt Ion:184 Resp: 63487

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

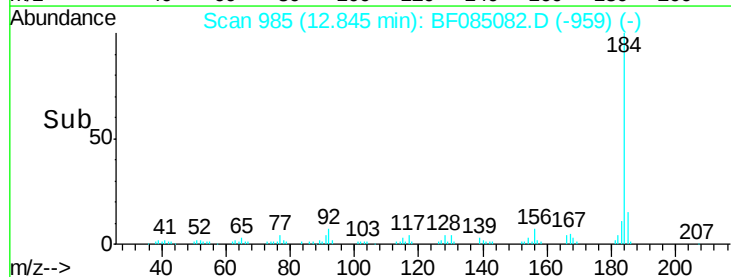
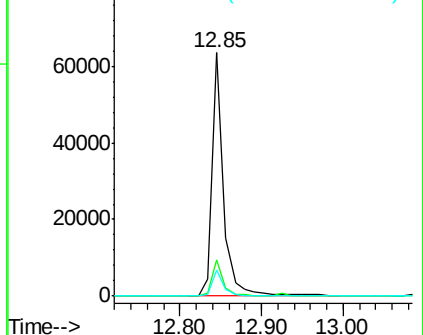
183 10.7 8.6 12.8

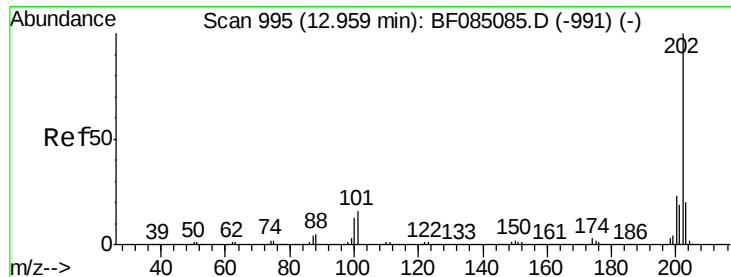


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

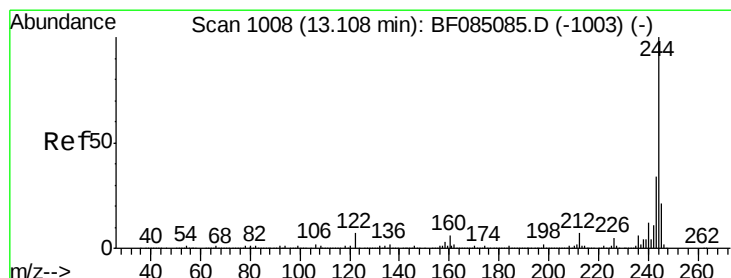
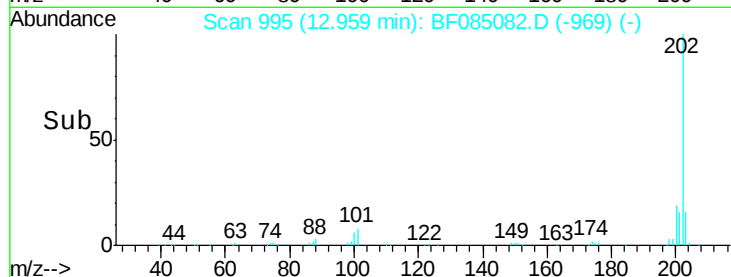
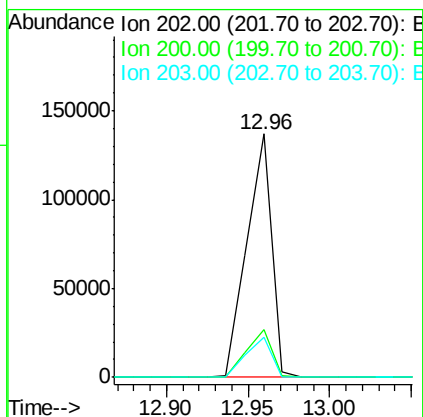
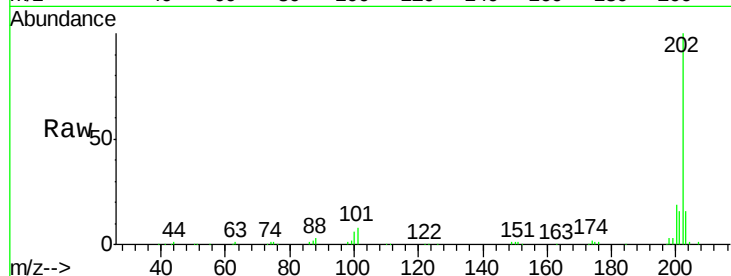




#77
 Pvrene
 Concen: 2.09 ng
 RT: 12.96 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

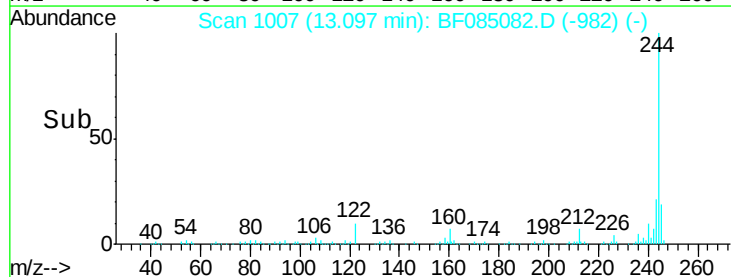
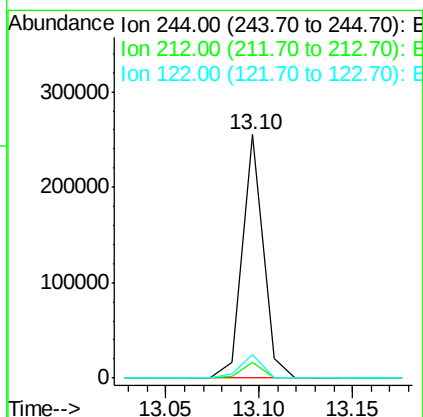
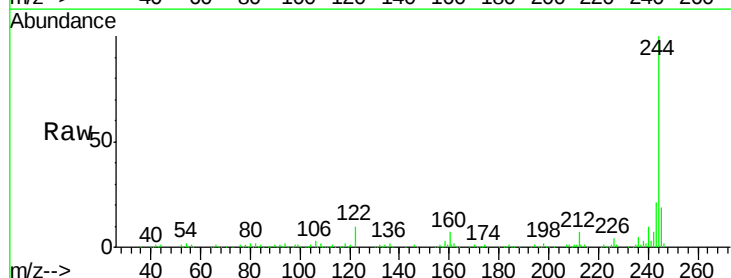
Instrument :
 BNA_F
 ClientSampleId :

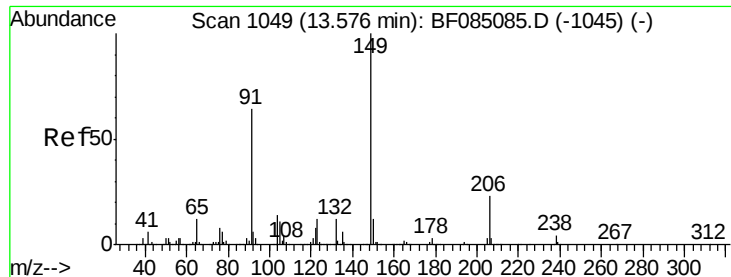
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	16.4	14.2	21.4



#78
 Terphenyl-d14
 Concen: 4.80 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.7	10.1	15.1#

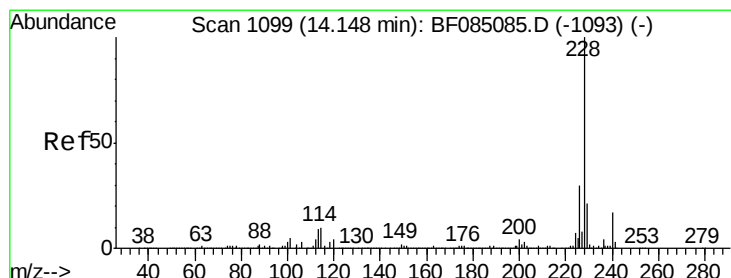
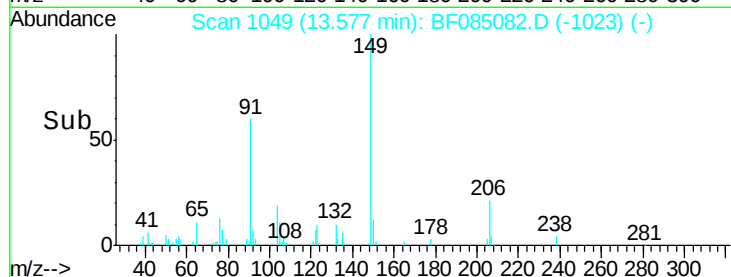
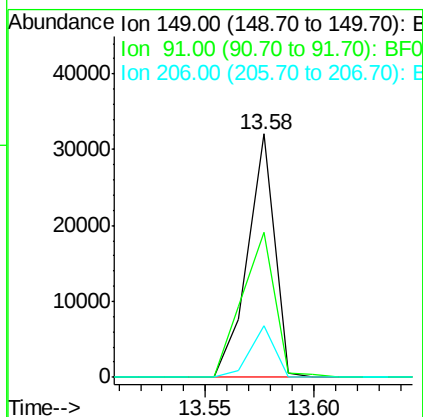
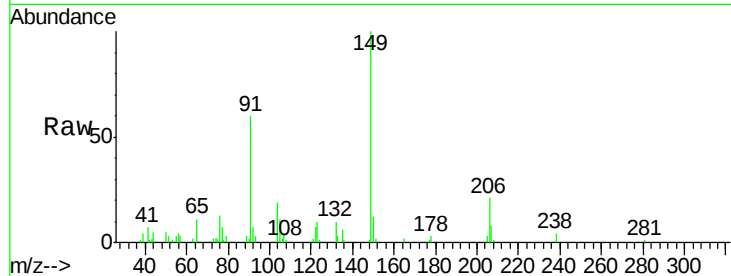




#79
Butylbenzylphthalate
Concen: 0.96 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

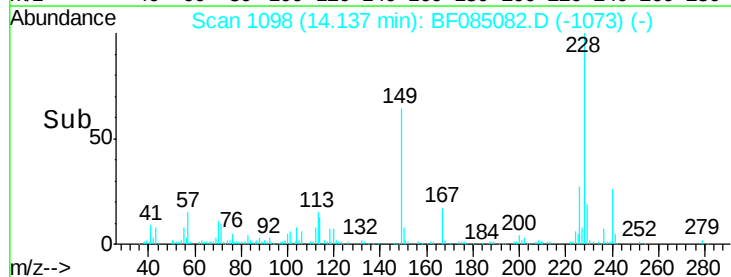
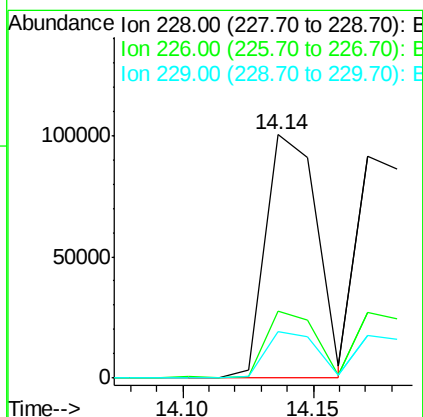
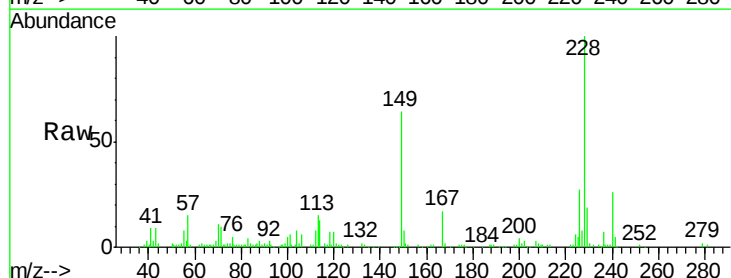
Instrument :
BNA_F
ClientSampleId :

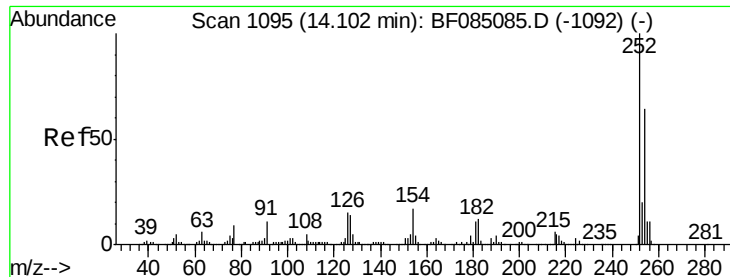
Tot Ion:149 Resp: 27701
Ion Ratio Lower Upper
149 100
91 59.7 57.8 86.8
206 21.0 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 2.74 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:228 Resp: 136687
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 19.0 15.8 23.8

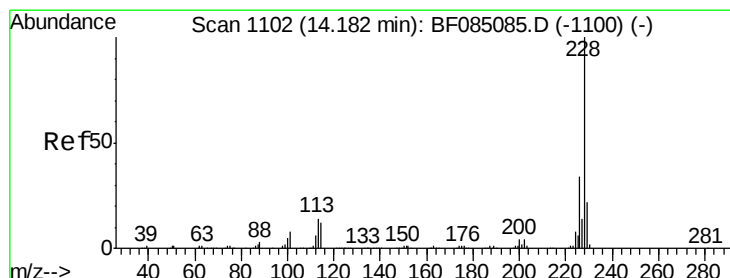
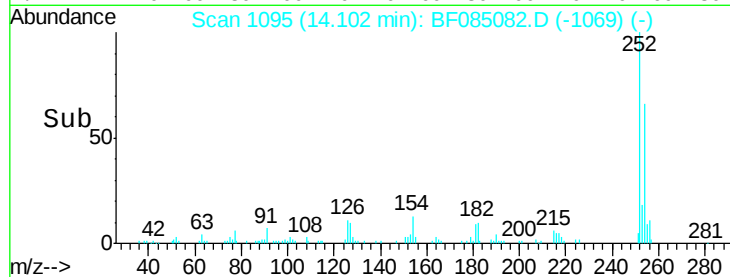
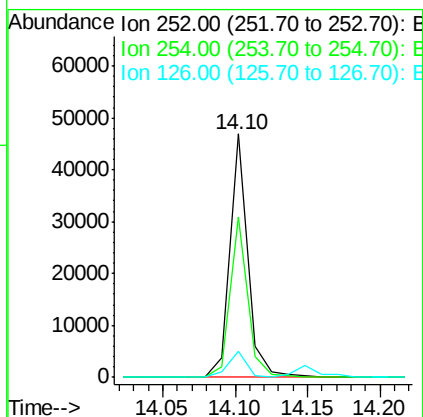
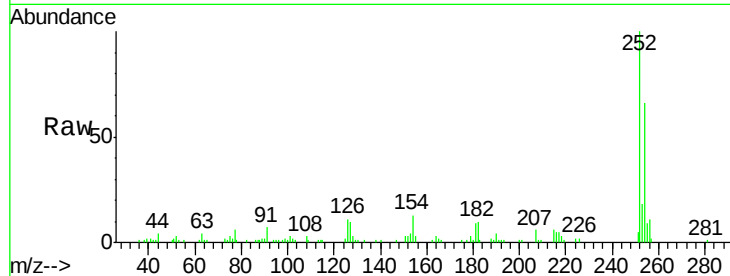




#81
 3,3'-Dichlorobenzidine
 Concen: 2.79 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

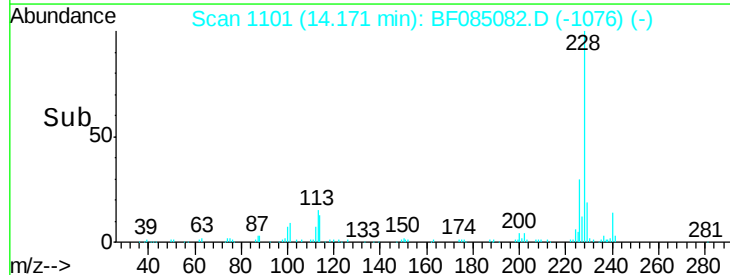
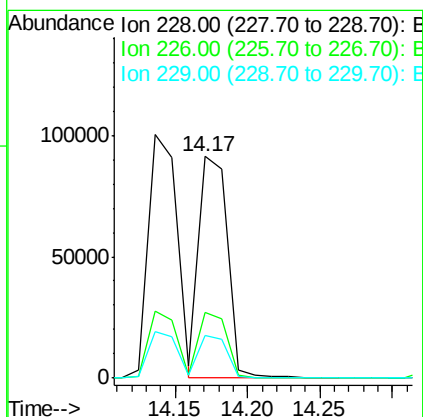
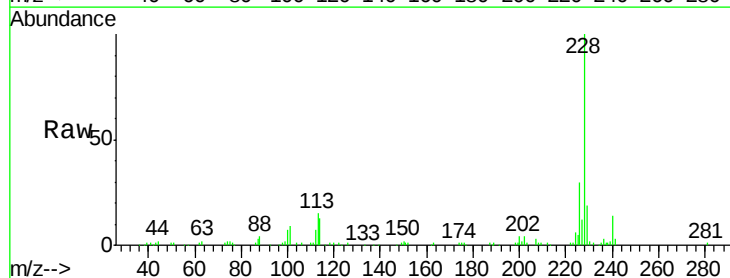
Instrument :
 BNA_F
 ClientSampleId :

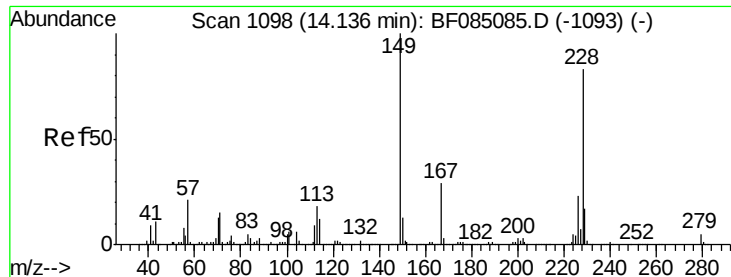
Tot Ion:252 Resp: 40388
 Ion Ratio Lower Upper
 252 100
 254 65.8 52.9 79.3
 126 10.5 10.6 16.0#



#82
 Chrysene
 Concen: 2.61 ng
 RT: 14.17 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:228 Resp: 126119
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.3 36.5
 229 19.3 16.1 24.1

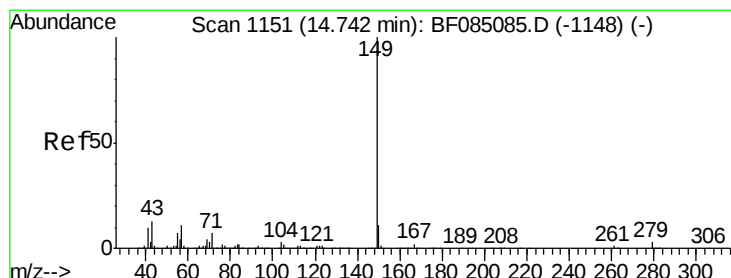
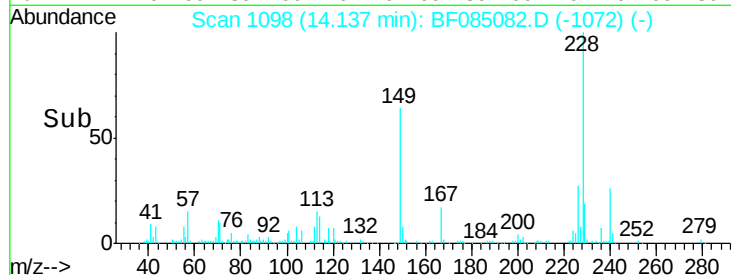
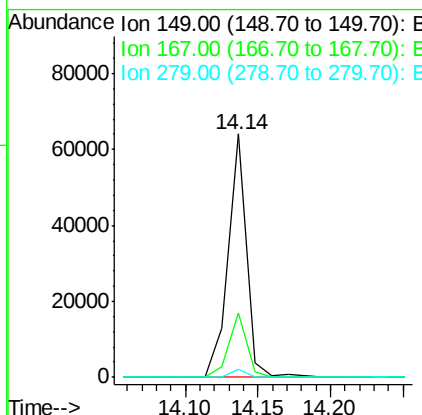
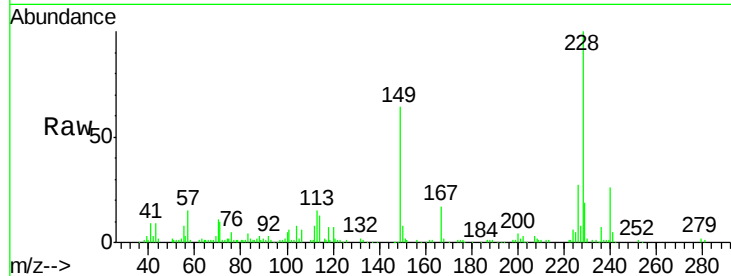




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.48 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

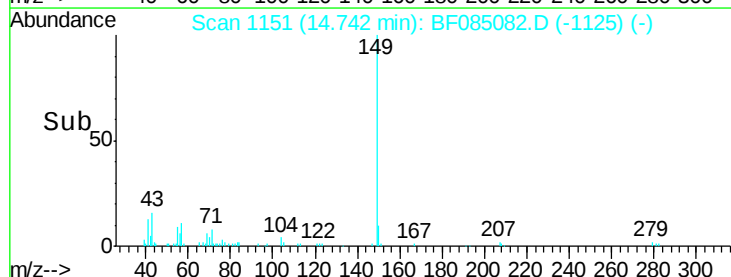
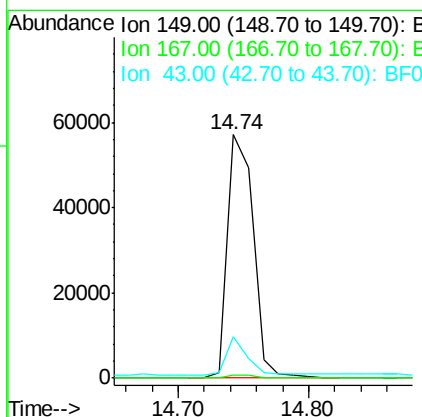
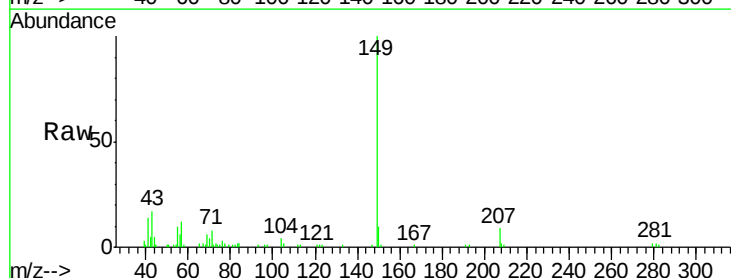
Instrument :
 BNA_F
 ClientSampleId :

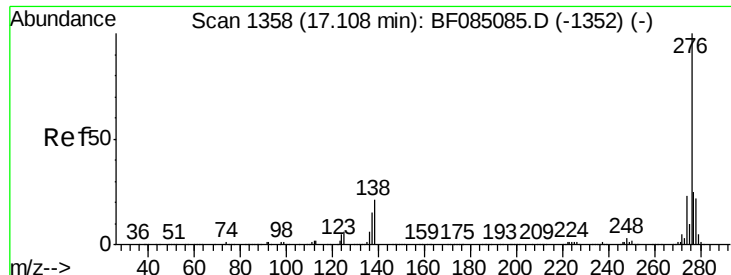
Tot Ion:149 Resp: 56424
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.6
 279 3.4 2.4 3.6



#84
 Di-n-octyl phthalate
 Concen: 1.45 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:149 Resp: 78499
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.2 1.8
 43 13.6 9.0 13.6#

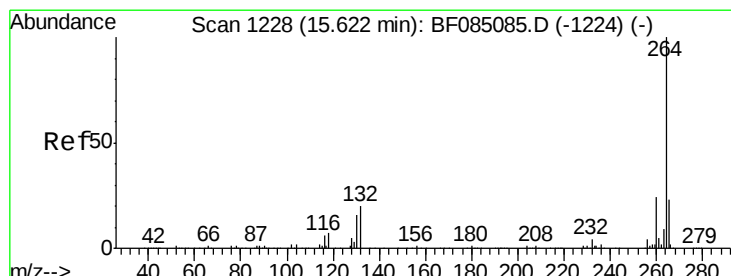
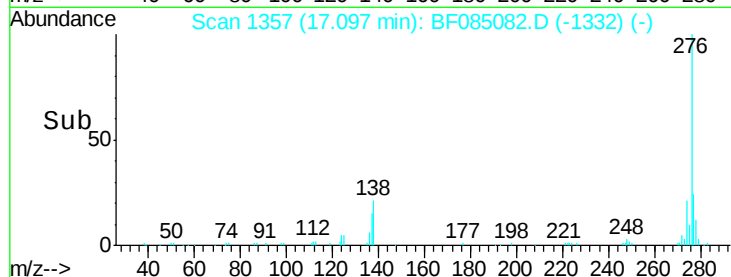
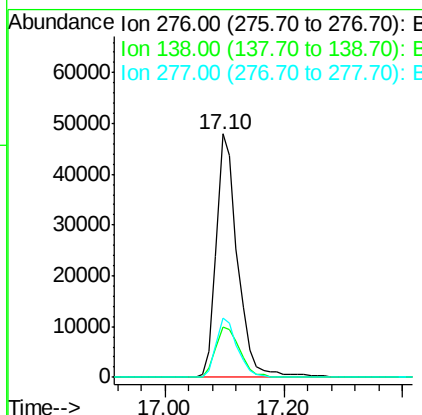
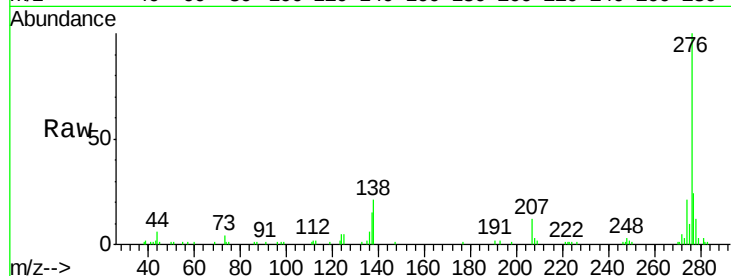




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.97 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

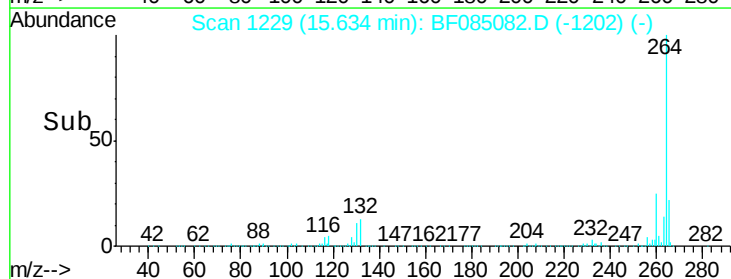
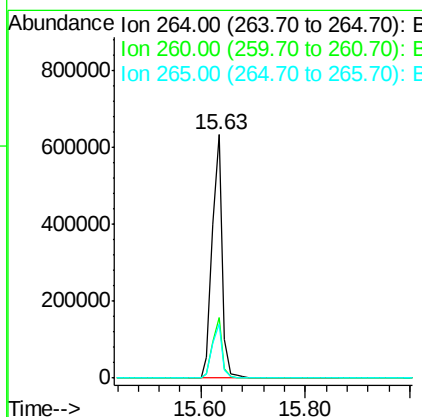
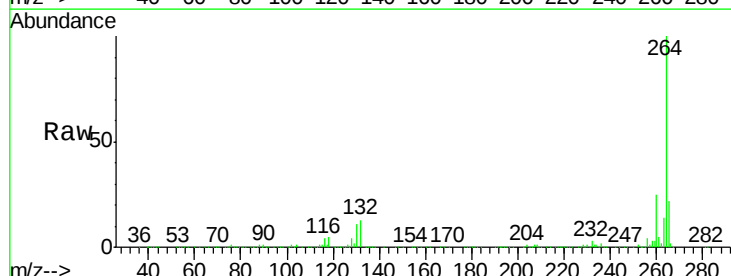
Instrument :
 BNA_F
 ClientSampleId :

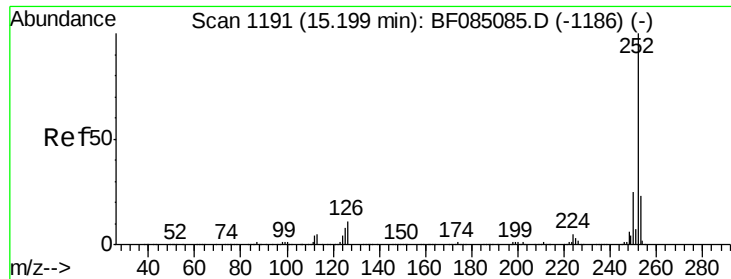
Tot Ion:276 Resp: 119442
 Ion Ratio Lower Upper
 276 100
 138 23.1 19.0 28.4
 277 24.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085082.D
 Acq: 17 Feb 2016 11:44

Tgt Ion:264 Resp: 839121
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.5 27.7
 265 22.4 16.7 25.1

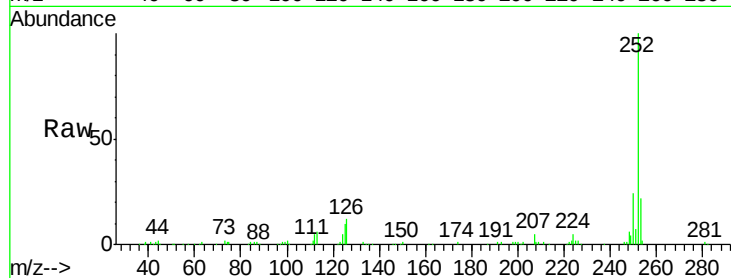




#87
Benzo(b)fluoranthene
Concen: 2.60 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.5	5.4	8.2#

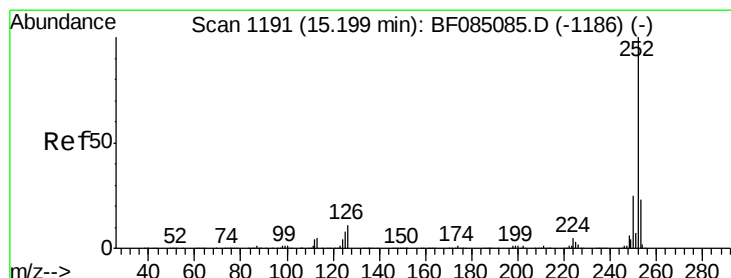
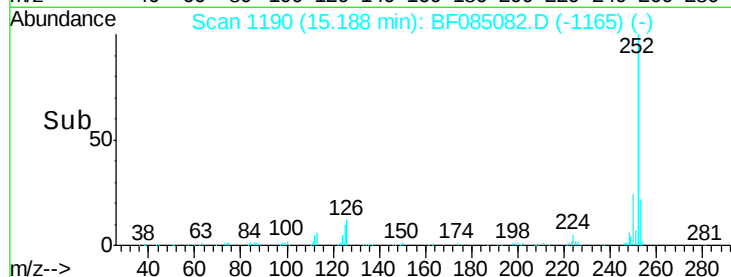
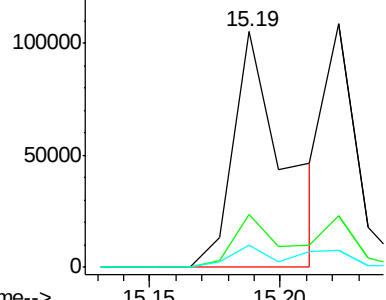


Abundance

Ion 252.00 (251.70 to 252.70): E

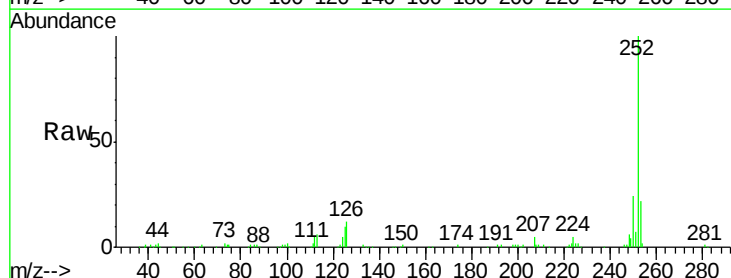
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.26 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.5	7.2	10.8

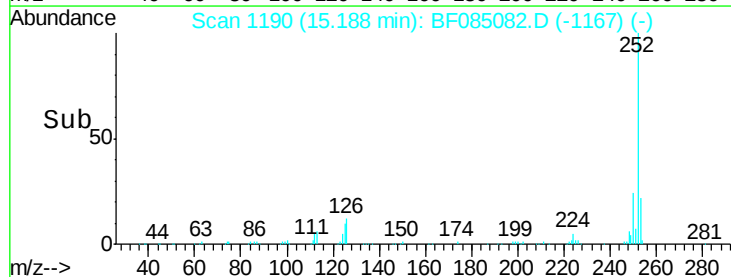
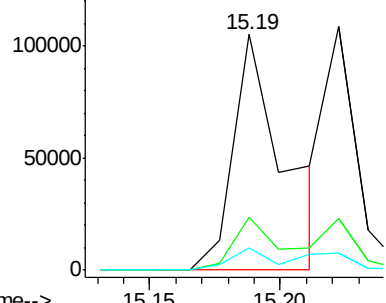


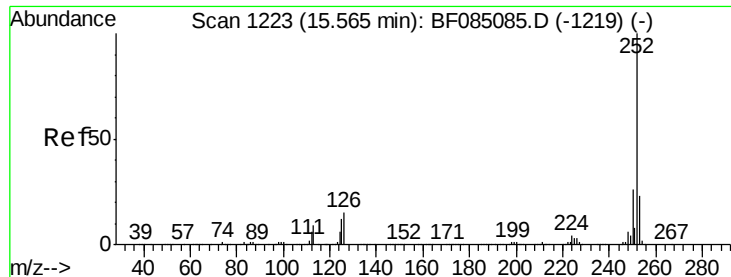
Abundance

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

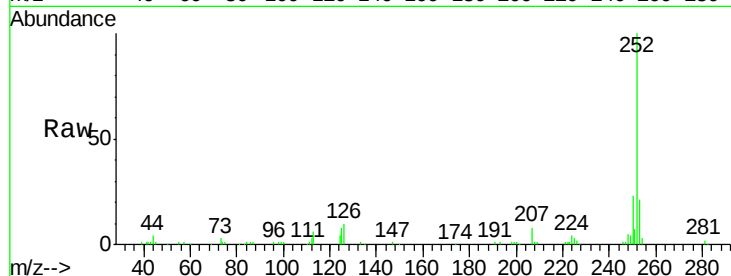




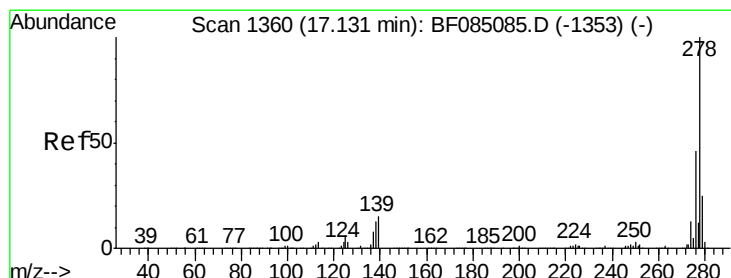
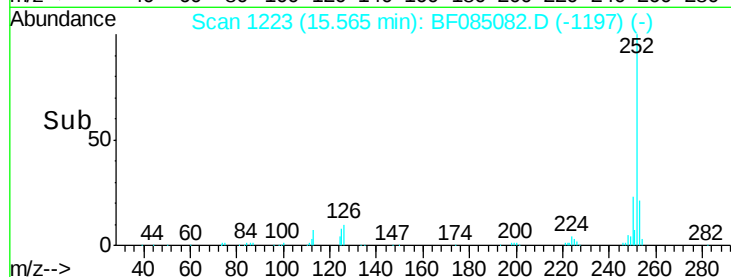
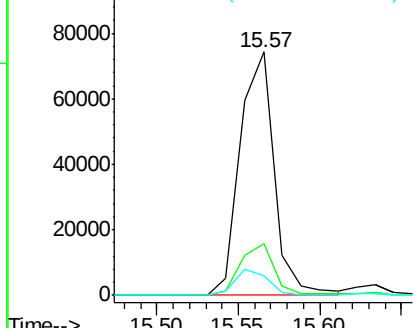
#89
Benzo(a)pyrene
Concen: 2.31 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 107589
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 8.0 6.1 9.1

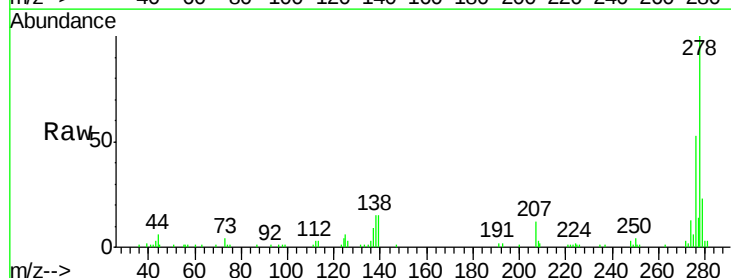


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

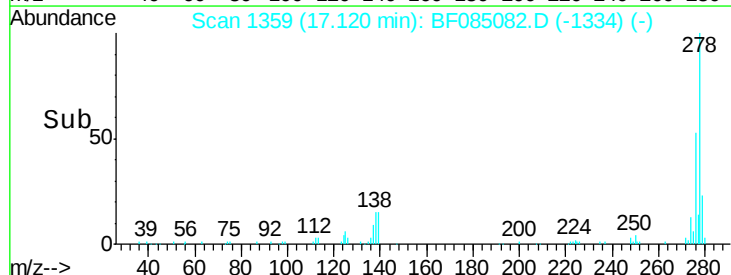
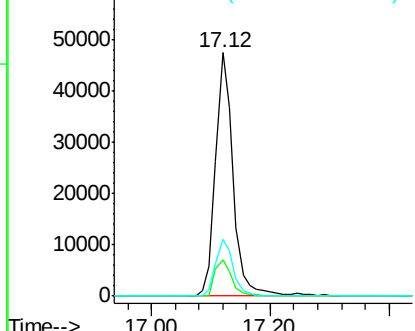


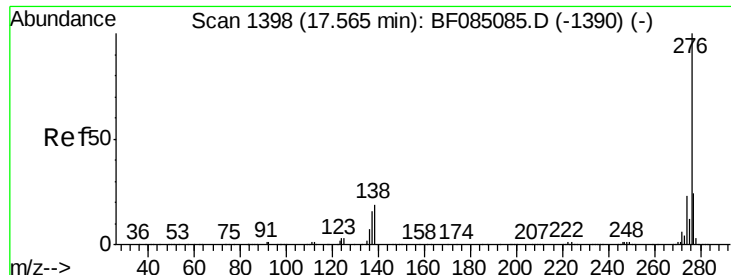
#90
Dibenzo(a,h)anthracene
Concen: 2.23 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF085082.D
Acq: 17 Feb 2016 11:44

Tgt Ion:278 Resp: 98400
Ion Ratio Lower Upper
278 100
139 14.7 13.3 19.9
279 23.5 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: 2.19 ng

RT: 17.54 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF085082.D

Acq: 17 Feb 2016 11:44

Instrument :

BNA_F

ClientSampleId :

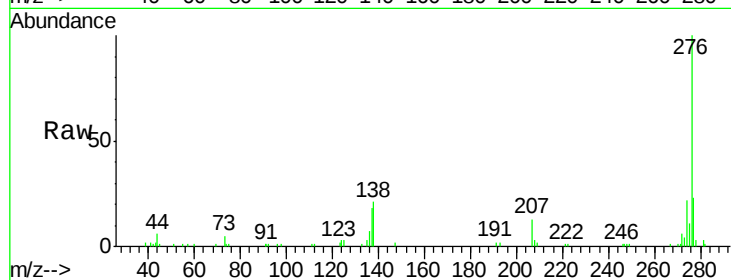
Tot Ion:276 Resp: 100640

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 21.1 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

