

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085238.D
 Acq On : 5 Mar 2016 7:44
 Operator : SJ/IZ
 Sample : H1683-04MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:01:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165889	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	615238	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	235286	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	430924	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	267194	20.00	ng	-0.01
86) Perylene-d12	15.61	264	270602	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1387894	140.34	ng	0.01
7) Phenol-d6	6.61	99	1704436	131.55	ng	0.00
23) Nitrobenzene-d5	7.54	82	1206130	104.91	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	385142	191.30	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1519870	98.24	ng	-0.01
78) Terphenyl-d14	13.09	244	1072911	93.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	233190	46.11	ng	99
3) Pyridine	3.50	79	613920	48.50	ng	98
4) n-Nitrosodimethylamine	3.45	42	305167	56.33	ng	95
6) Aniline	6.64	93	500493	27.56	ng	95
8) 2-Chlorophenol	6.76	128	523781	43.99	ng	90
9) Benzaldehyde	6.52	77	193957	29.69	ng	99
10) Phenol	6.62	94	728115	52.47	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	532146	46.17	ng	98
12) 1,3-Dichlorobenzene	7.00	146	604962	47.33	ng	98
13) 1,4-Dichlorobenzene	6.92	146	606441	47.34	ng	97
14) 1,2-Dichlorobenzene	7.14	146	532767	45.83	ng	98
15) Benzyl Alcohol	7.11	79	487242	51.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	711677	42.84	ng	98
17) 2-Methylphenol	7.22	107	465750	47.94	ng	97
18) Hexachloroethane	7.49	117	232479	49.19	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	427115	50.58	ng	98
20) 3+4-Methylphenols	7.38	107	581282	50.51	ng	# 72
22) Acetophenone	7.38	105	717556	47.78	ng	# 95
24) Nitrobenzene	7.56	77	536793	45.96	ng	98
25) Isophorone	7.80	82	1093925	51.34	ng	98
26) 2-Nitrophenol	7.88	139	319324	56.18	ng	# 84
27) 2,4-Dimethylphenol	7.91	122	518895	49.95	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	634568	53.48	ng	98
29) 2,4-Dichlorophenol	8.12	162	439574	52.47	ng	92
30) 1,2,4-Trichlorobenzene	8.20	180	457277	50.49	ng	99
31) Naphthalene	8.29	128	1617624	53.47	ng	99
32) Benzoic acid	7.99	122	100361	14.55	ng	# 81
33) 4-Chloroaniline	8.32	127	208637	17.05	ng	98
34) Hexachlorobutadiene	8.40	225	259402	55.04	ng	98
35) Caprolactam	8.70	113	156684	57.27	ng	# 64
36) 4-Chloro-3-methylphenol	8.81	107	465961	49.03	ng	97
37) 2-Methylnaphthalene	8.97	142	951187	49.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	405513	60.26	ng	98
40) Hexachlorocyclopentadiene	9.13	237	204249	56.28	ng	97

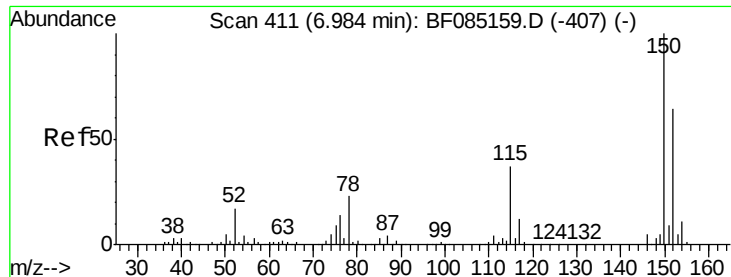
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085238.D
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Quant Time: Mar 07 00:01:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	276972	55.30	ng	96
43) 2,4,5-Trichlorophenol	9.29	196	262337	55.24	ng	97
45) 1,1'-Biphenyl	9.44	154	1081454	53.80	ng	96
46) 2-Chloronaphthalene	9.46	162	755624	49.31	ng	93
47) 2-Nitroaniline	9.56	65	266956	56.22	ng	91
48) Acenaphthylene	9.89	152	1271988	53.34	ng	98
49) Dimethylphthalate	9.74	163	987787	54.70	ng	99
50) 2,6-Dinitrotoluene	9.80	165	192265	49.77	ng	# 78
51) Acenaphthene	10.06	154	796570	55.01	ng	99
52) 3-Nitroaniline	9.97	138	167175	36.17	ng	# 98
53) 2,4-Dinitrophenol	10.07	184	57022	34.19	ng	# 50
54) Dibenzofuran	10.23	168	1174032	61.89	ng	93
55) 4-Nitrophenol	10.13	139	399566	110.00	ng	91
56) 2,4-Dinitrotoluene	10.21	165	320777	64.88	ng	# 73
57) Fluorene	10.57	166	938329	62.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	215518	64.60	ng	# 96
59) Diethylphthalate	10.44	149	915930	52.27	ng	96
60) 4-Chlorophenyl-phenylether	10.56	204	417924	57.64	ng	# 87
61) 4-Nitroaniline	10.57	138	185657	42.94	ng	99
62) Azobenzene	10.72	77	1054389	61.07	ng	83
64) 4,6-Dinitro-2-methylphenol	10.61	198	58678	22.74	ng	# 37
65) n-Nitrosodiphenylamine	10.68	169	823248	61.42	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	239682	57.28	ng	# 83
67) Hexachlorobenzene	11.12	284	245017	54.89	ng	96
68) Atrazine	11.20	200	242660	65.10	ng	98
69) Pentachlorophenol	11.30	266	240687	97.14	ng	99
70) Phenanthrene	11.53	178	1889775	83.68	ng	100
71) Anthracene	11.58	178	1401998	58.48	ng	99
72) Carbazole	11.73	167	968374	46.06	ng	99
73) Di-n-butylphthalate	12.06	149	1177066	44.30	ng	99
74) Fluoranthene	12.72	202	2089868	92.21	ng	99
76) Benzidine	12.84	184	328197	41.27	ng	98
77) Pyrene	12.95	202	1940821	96.51	ng	99
79) Butylbenzylphthalate	13.56	149	474947	52.05	ng	# 79
80) Benzo(a)anthracene	14.13	228	1348507	84.31	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	126610	25.09	ng	# 95
82) Chrysene	14.16	228	1055605	71.44	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	625168	52.06	ng	# 96
84) Di-n-octyl phthalate	14.72	149	1015101	55.51	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	971764	84.27	ng	96
87) Benzo(b)fluoranthene	15.21	252	2306011	127.85	ng	# 97
88) Benzo(k)fluoranthene	15.21	252	2306011	158.51	ng	98
89) Benzo(a)pyrene	15.56	252	1142555	76.44	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	727753	57.04	ng	97
91) Benzo(g,h,i)perylene	17.55	276	787513	61.39	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

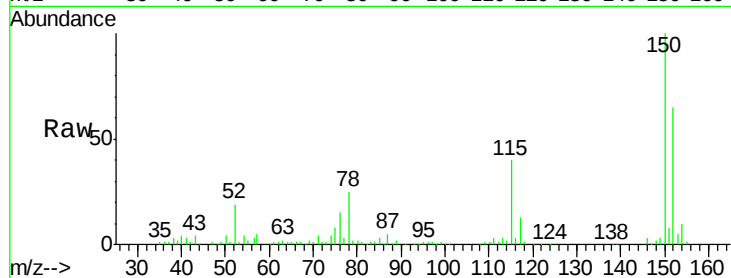
Tgt Ion:152 Resp: 165889

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

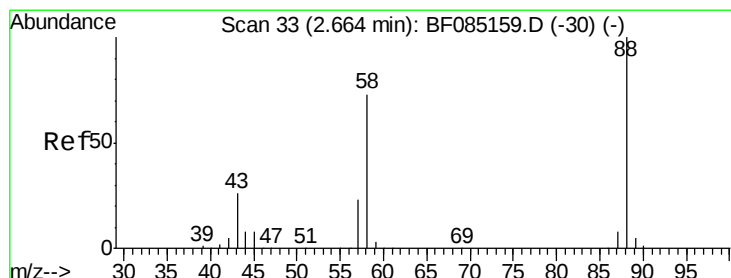
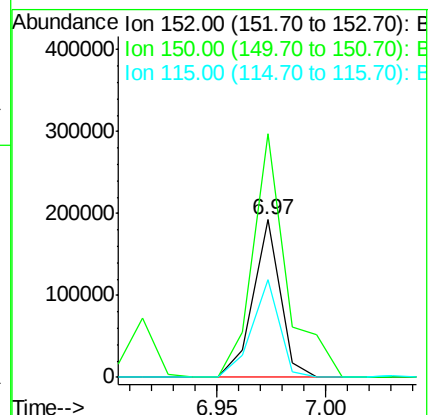
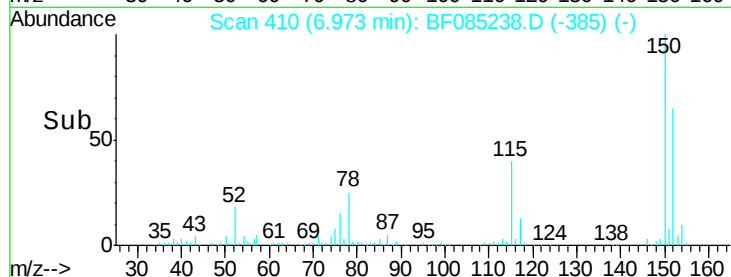
115 62.2 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.11 ng

RT: 2.73 min Scan# 39

Delta R.T. 0.07 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

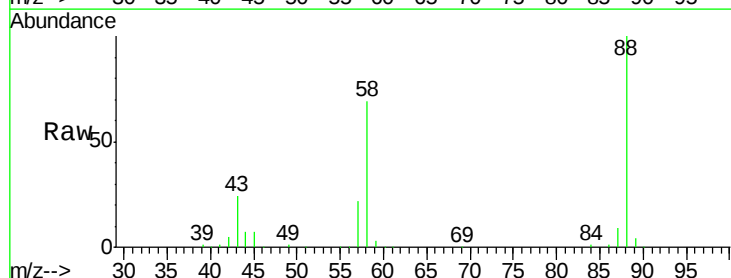
Tgt Ion: 88 Resp: 233190

Ion Ratio Lower Upper

88 100

58 71.5 57.0 85.6

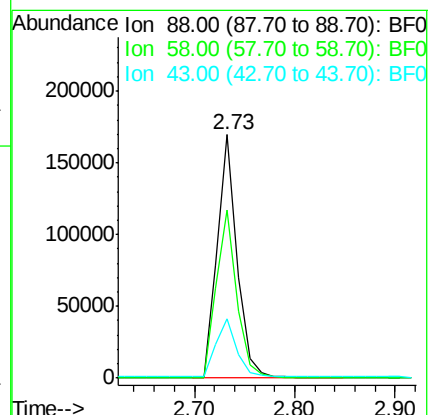
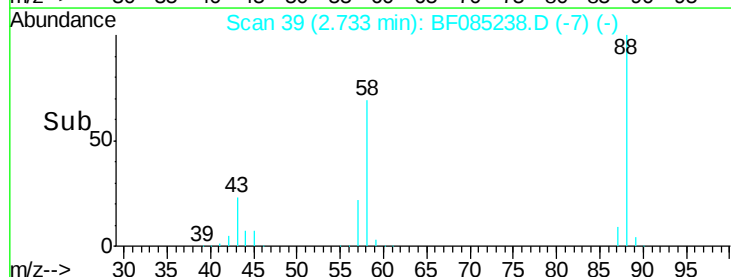
43 24.7 20.5 30.7

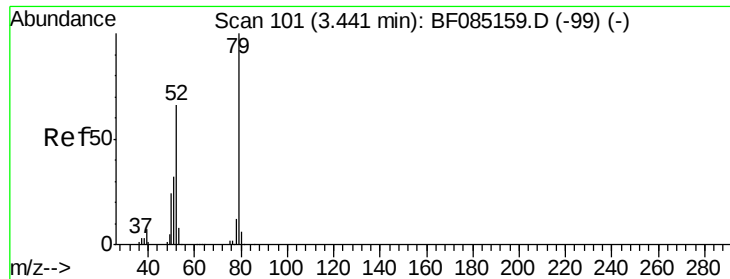


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

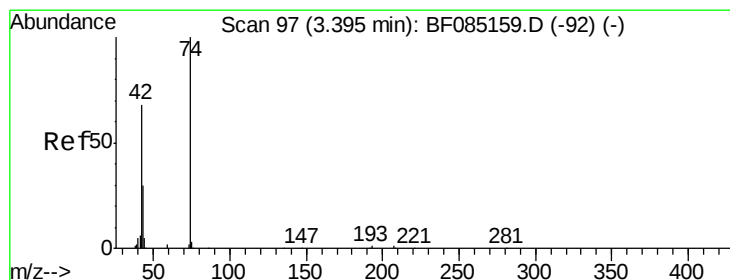
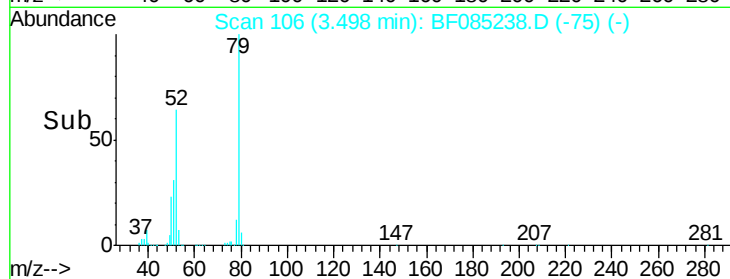
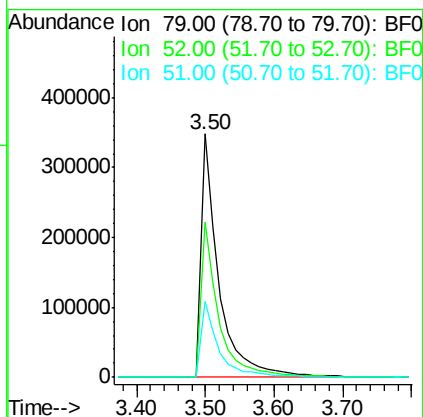
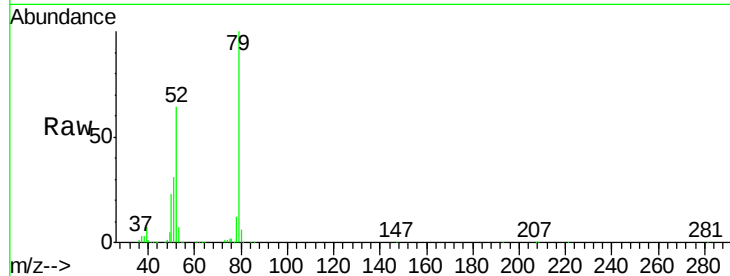




#3
 Pyridine
 Concen: 48.50 ng
 RT: 3.50 min Scan# 106
 Delta R.T. 0.06 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

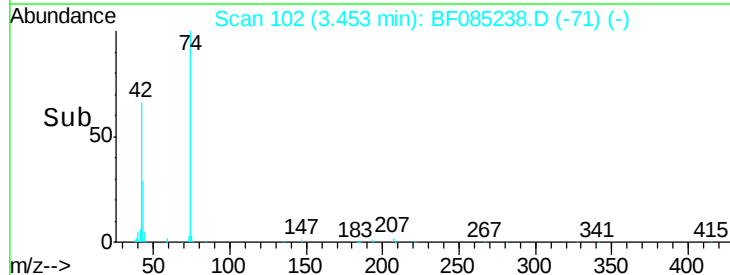
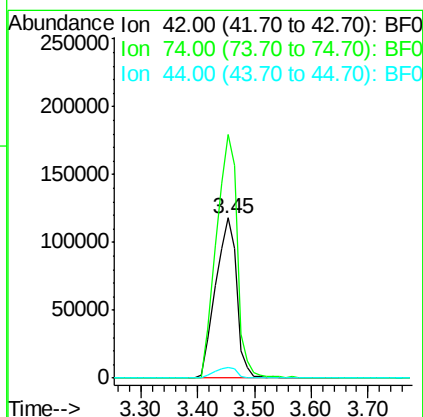
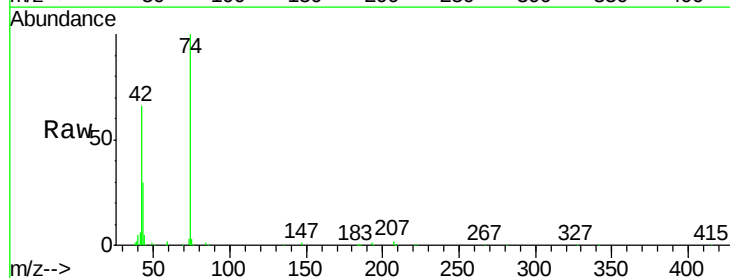
Instrument :
 BNA_F
 ClientSampleId :

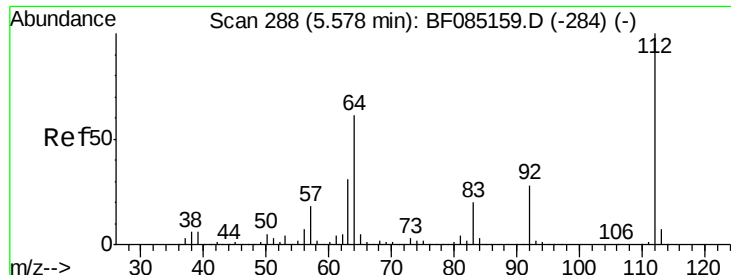
Tgt Ion: 79 Resp: 613920
 Ion Ratio Lower Upper
 79 100
 52 64.0 52.6 79.0
 51 31.4 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 56.33 ng
 RT: 3.45 min Scan# 102
 Delta R.T. 0.06 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion: 42 Resp: 305167
 Ion Ratio Lower Upper
 42 100
 74 152.2 116.8 175.2
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 140.34 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

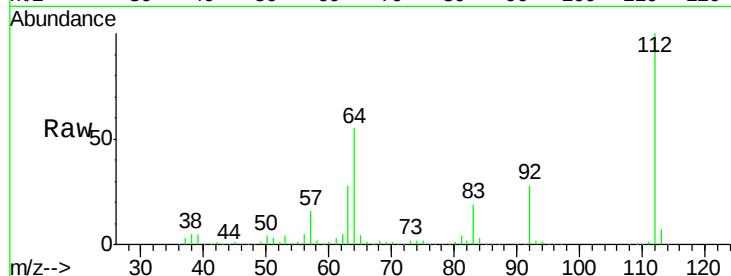
Tgt Ion: 112 Resp: 1387894

Ion Ratio Lower Upper

112 100

64 55.5 49.0 73.4

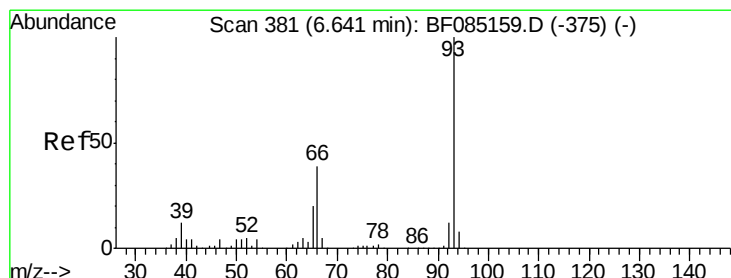
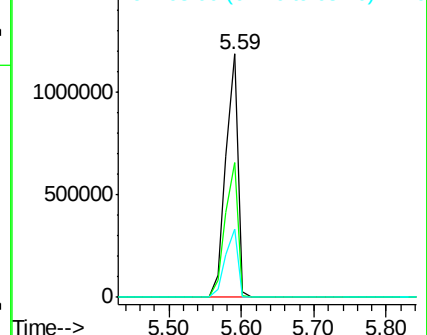
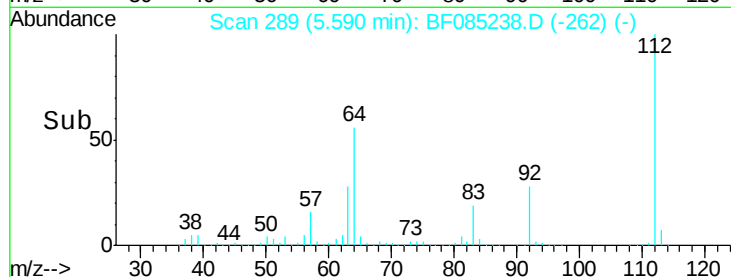
63 28.2 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.56 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

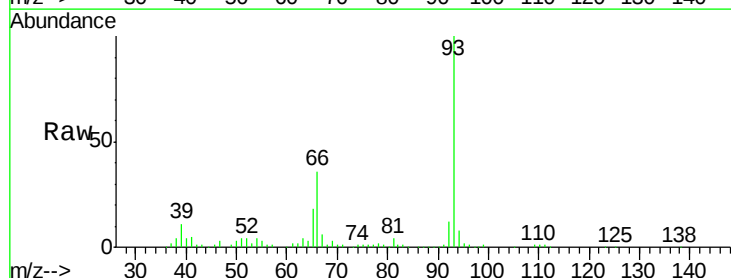
Tgt Ion: 93 Resp: 500493

Ion Ratio Lower Upper

93 100

66 36.4 31.6 47.4

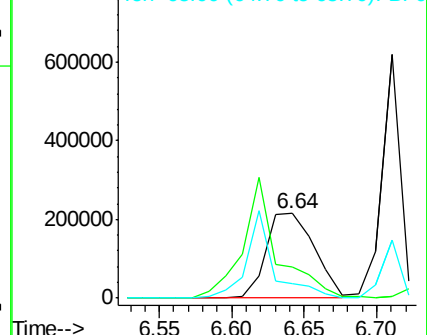
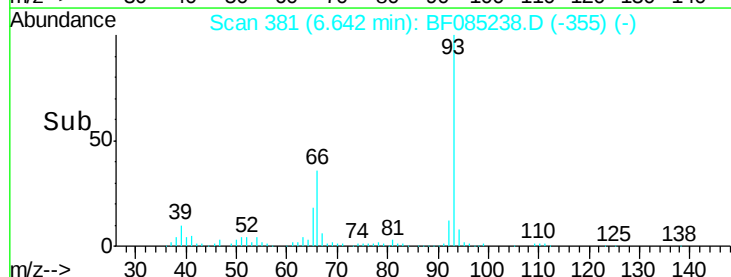
65 17.9 15.8 23.8

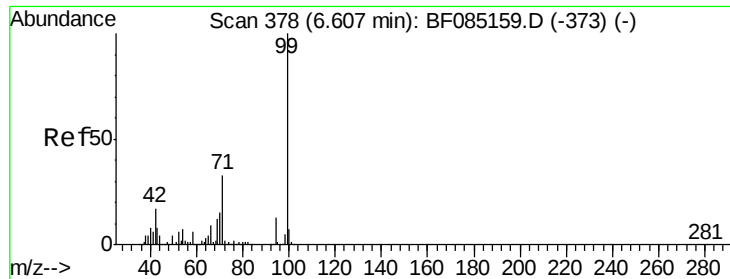


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.55 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

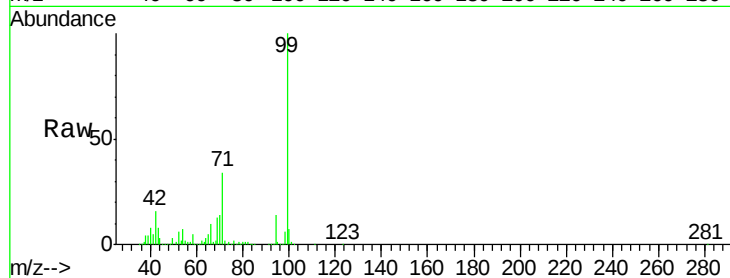
Tgt Ion: 99 Resp: 1704436

Ion Ratio Lower Upper

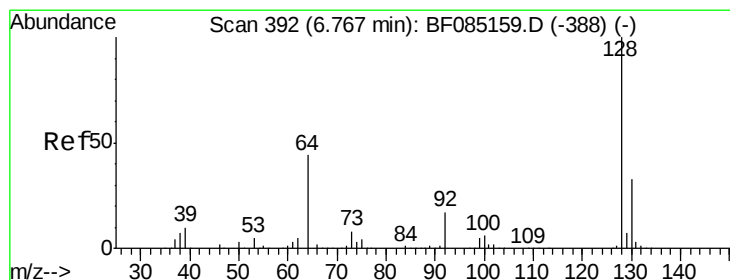
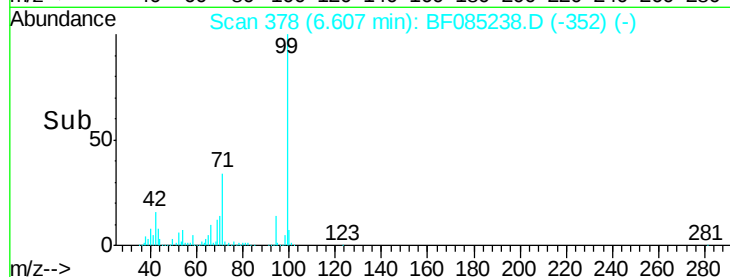
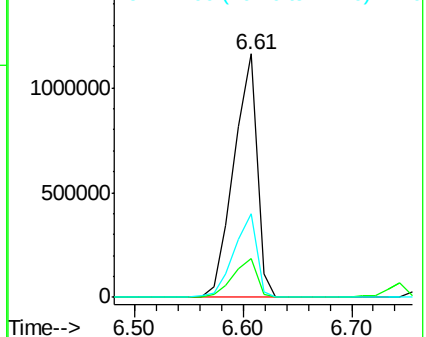
99 100

42 15.9 13.6 20.4

71 34.1 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.99 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

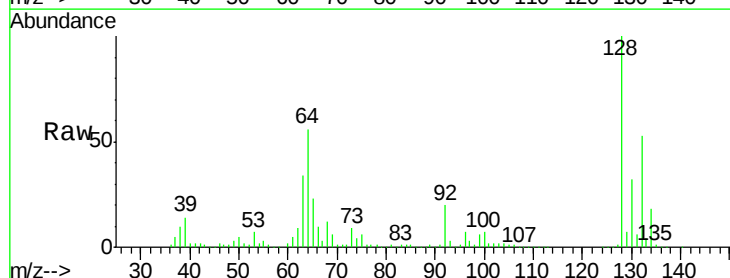
Tgt Ion: 128 Resp: 523781

Ion Ratio Lower Upper

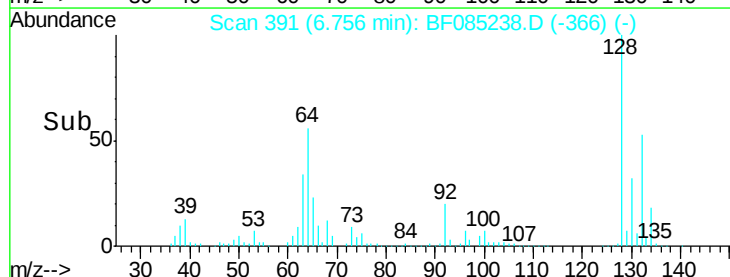
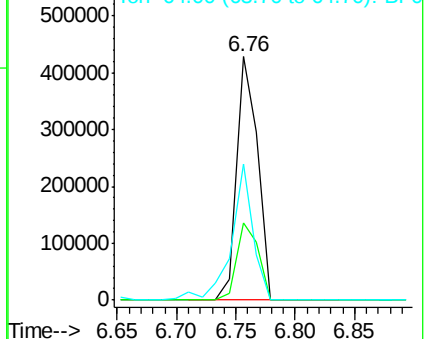
128 100

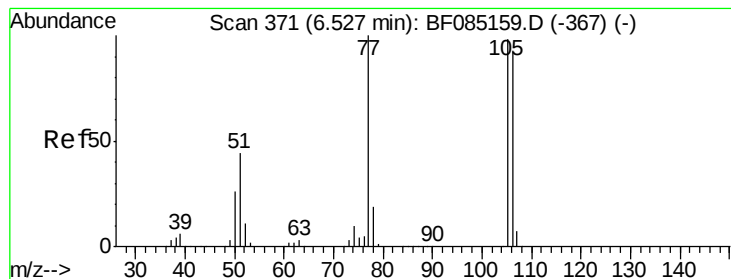
130 31.9 13.3 53.3

64 56.1 25.7 65.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.69 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

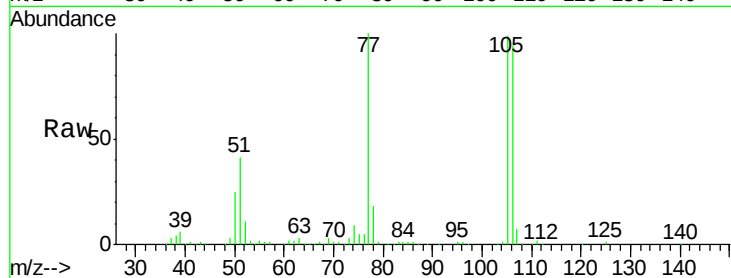
Tgt Ion: 77 Resp: 193957

Ion Ratio Lower Upper

77 100

105 99.2 78.2 118.2

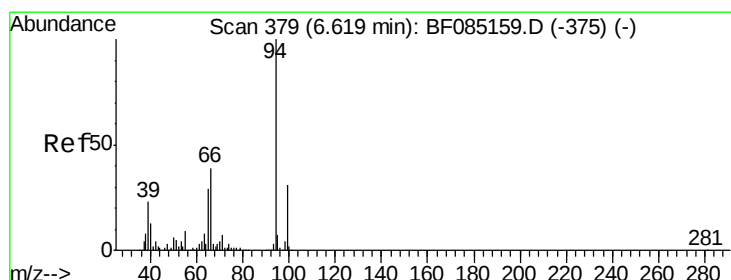
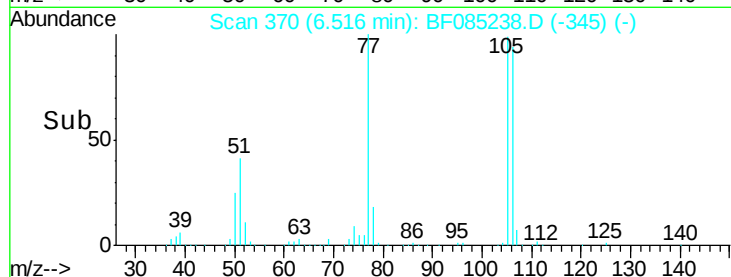
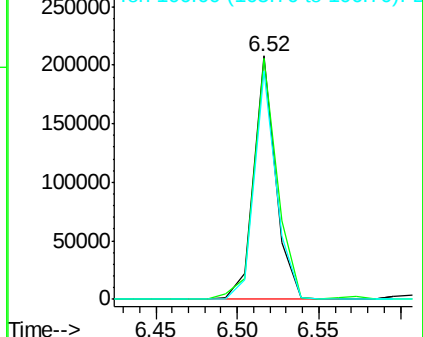
106 93.9 72.9 112.9



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: 52.47 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

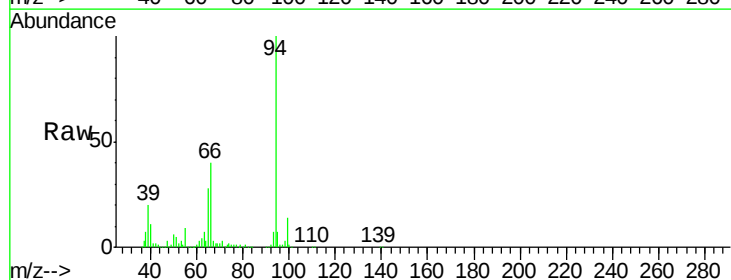
Tgt Ion: 94 Resp: 728115

Ion Ratio Lower Upper

94 100

65 28.5 9.1 49.1

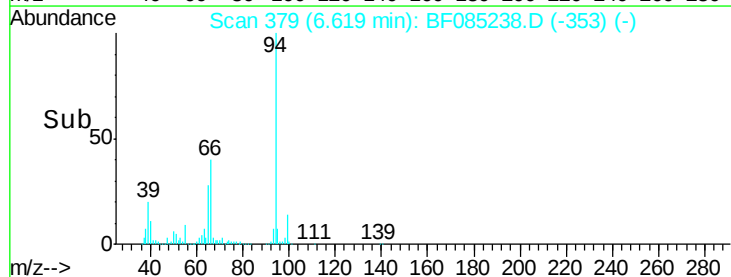
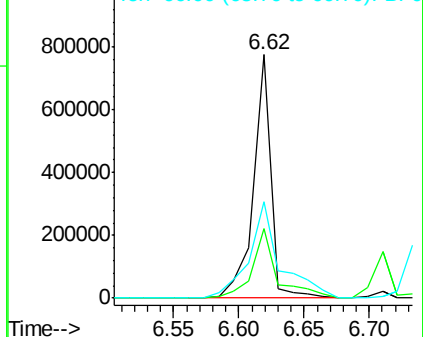
66 39.7 19.3 59.3

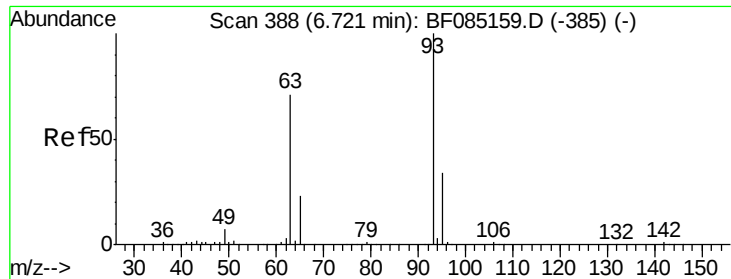


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

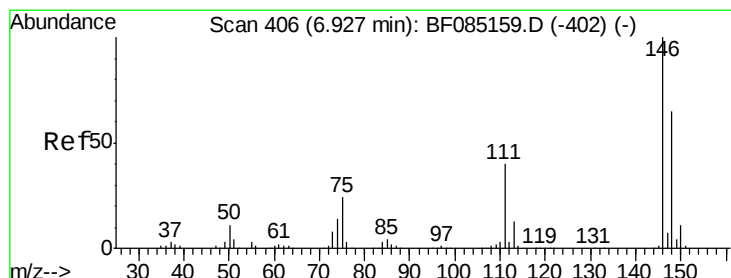
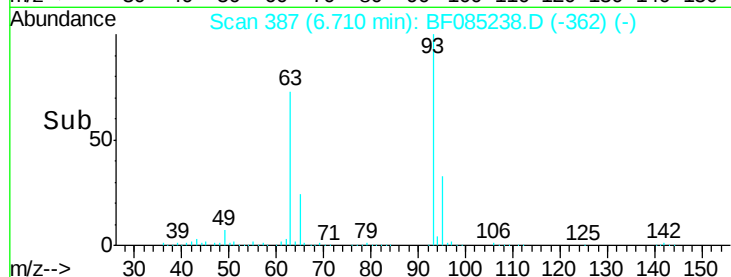
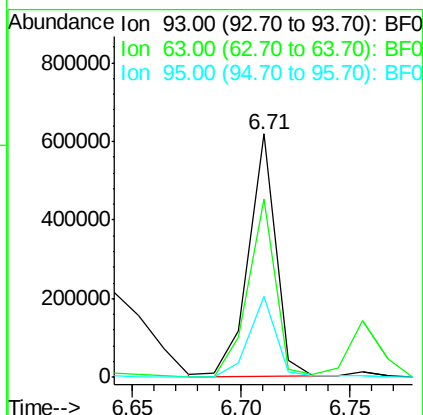
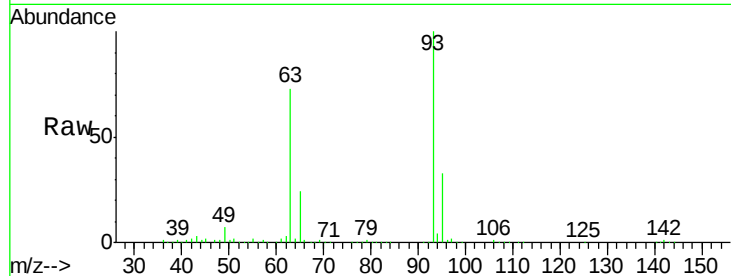




#11
bis(2-Chloroethyl)ether
Concen: 46.17 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

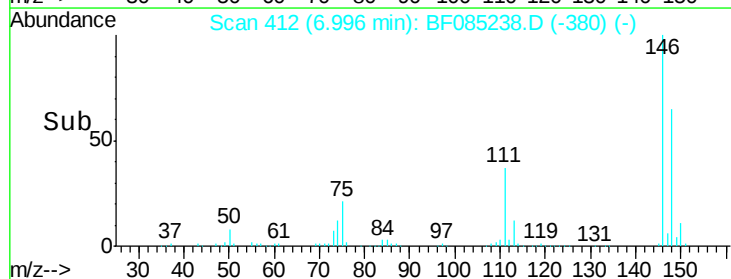
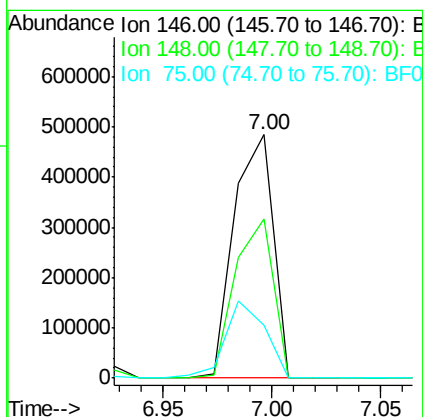
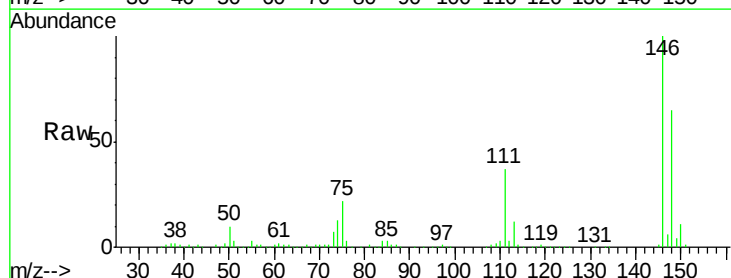
Instrument :
BNA_F
ClientSampleId :

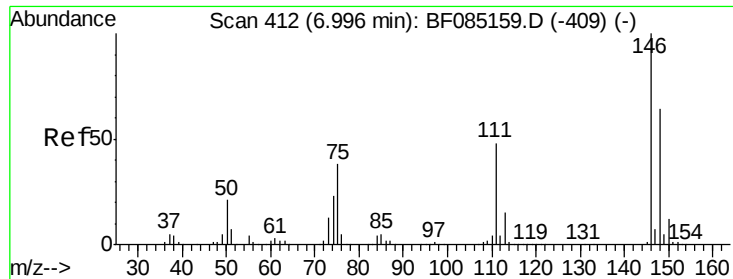
Tgt Ion: 93 Resp: 532146
Ion Ratio Lower Upper
93 100
63 73.0 50.9 90.9
95 33.0 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 47.33 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.07 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion: 146 Resp: 604962
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
75 21.7 19.5 29.3

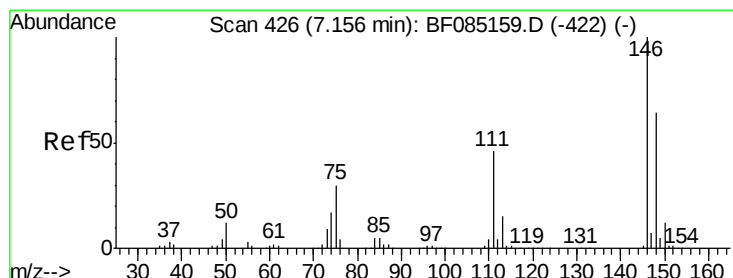
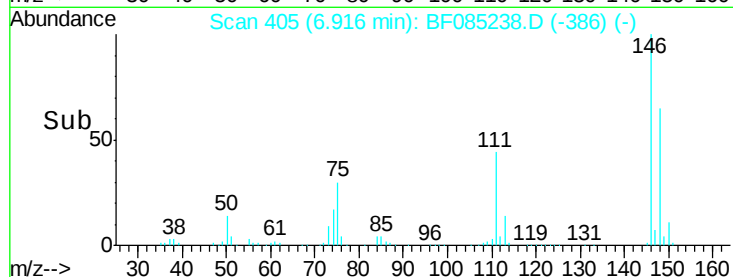
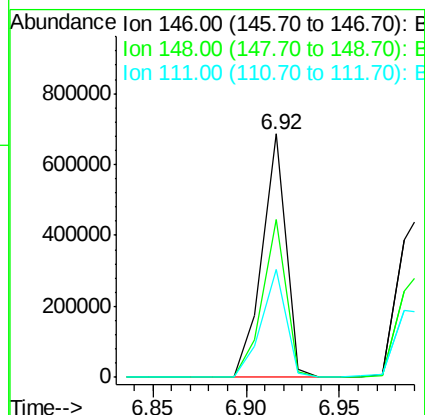
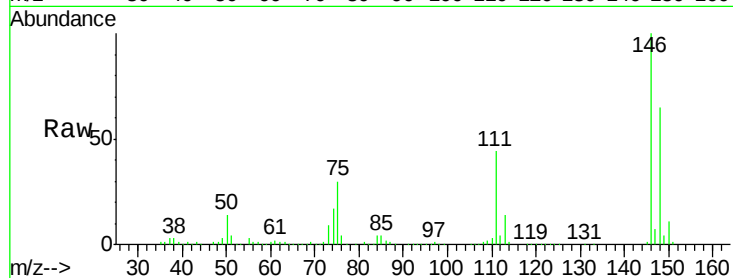




#13
 1,4-Dichlorobenzene
 Concen: 47.34 ng
 RT: 6.92 min Scan# 405
 Delta R.T. -0.08 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

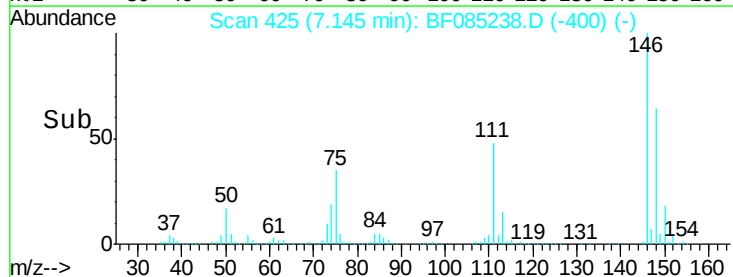
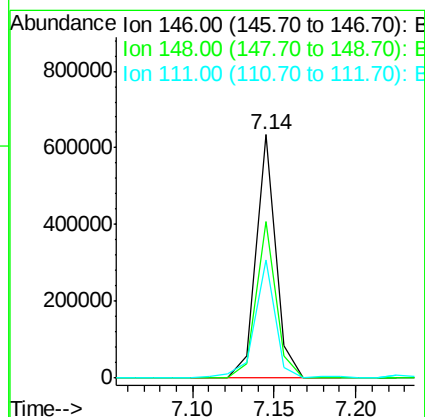
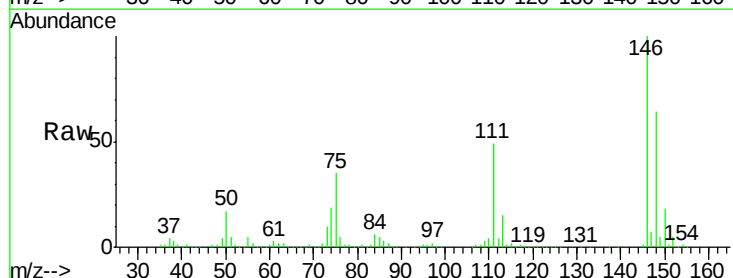
Instrument :
 BNA_F
 ClientSampleId :

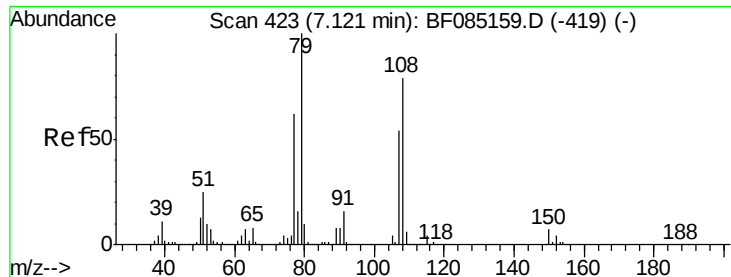
Tgt Ion:146 Resp: 606441
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 44.1 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 45.83 ng
 RT: 7.14 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:146 Resp: 532767
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 48.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 51.23 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

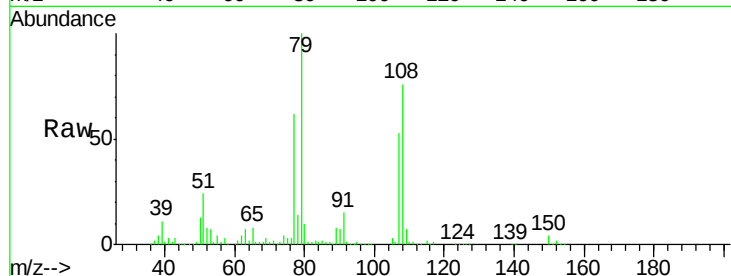
Tgt Ion: 79 Resp: 487242

Ion Ratio Lower Upper

79 100

108 75.9 62.9 94.3

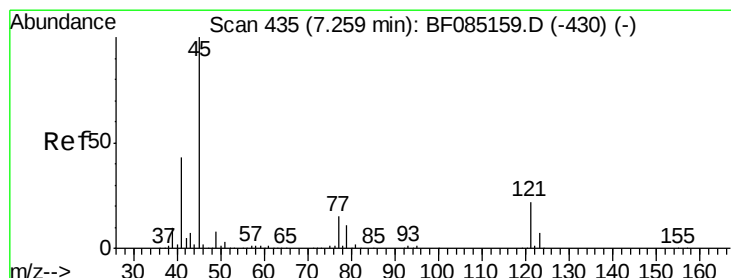
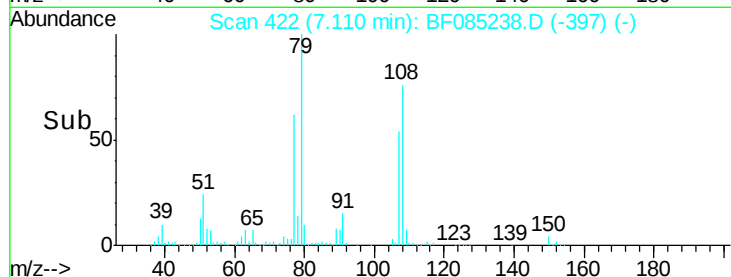
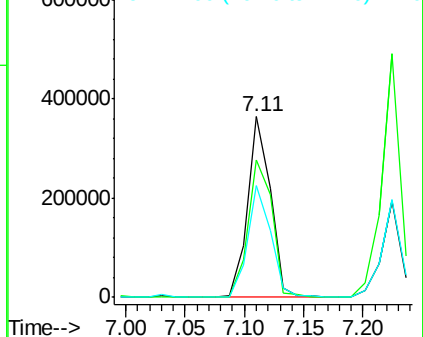
77 61.6 49.5 74.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.84 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

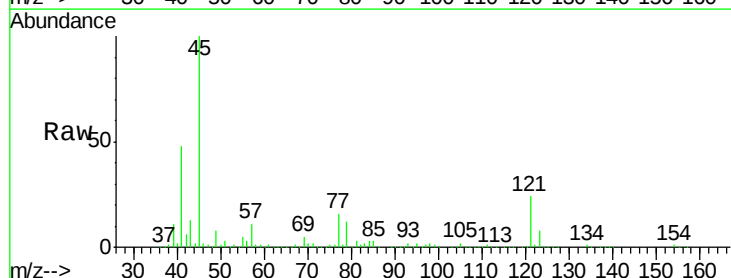
Tgt Ion: 45 Resp: 711677

Ion Ratio Lower Upper

45 100

77 16.3 0.0 35.1

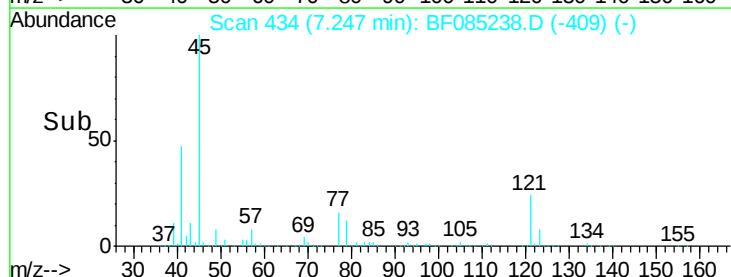
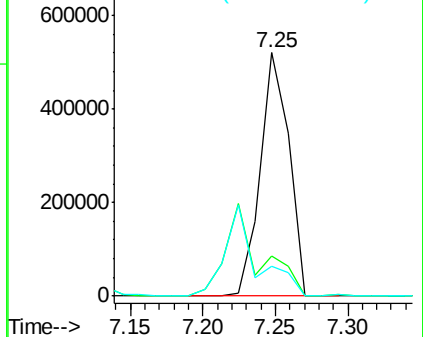
79 12.0 0.0 31.3

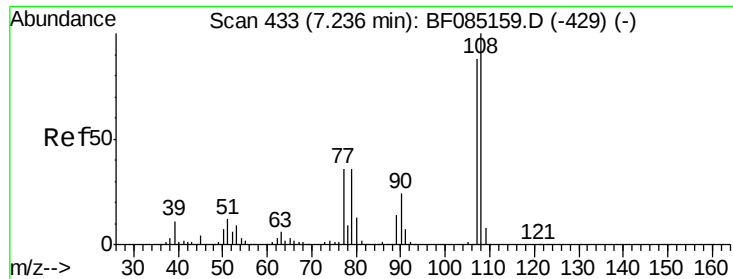


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

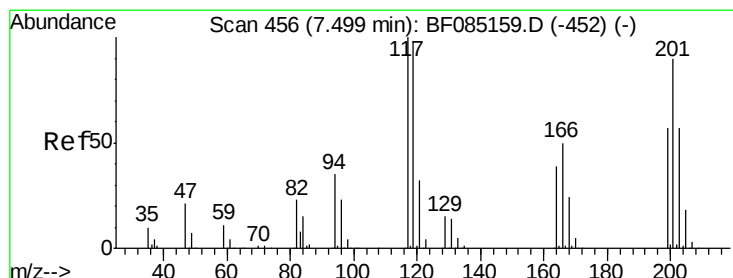
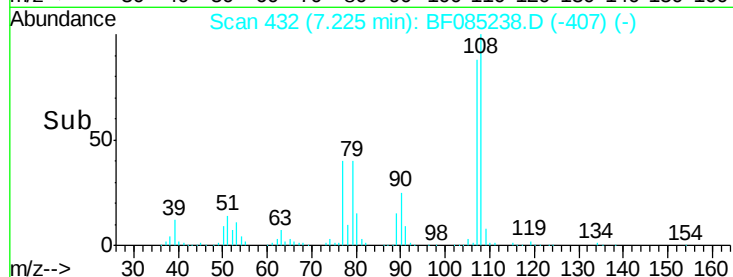
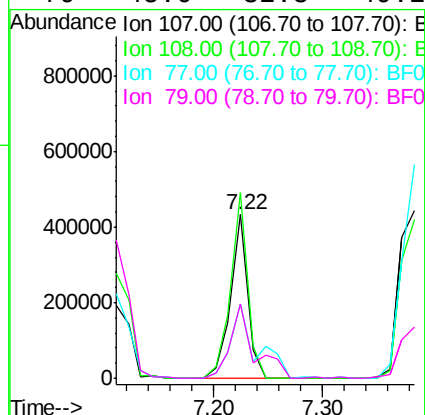
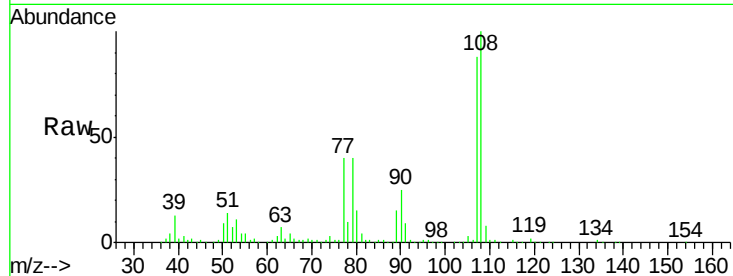




#17
2-Methylphenol
Concen: 47.94 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

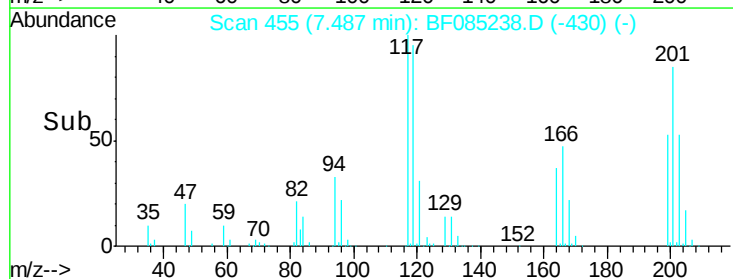
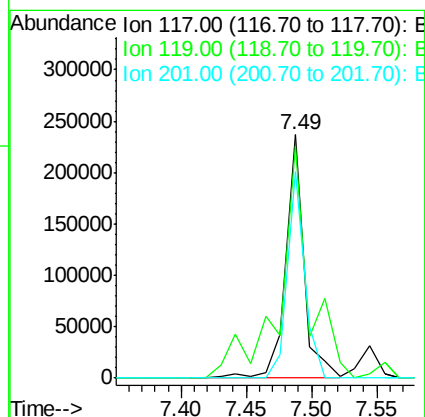
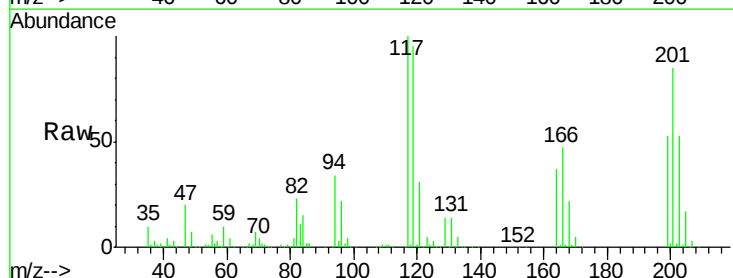
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 465750
Ion Ratio Lower Upper
107 100
108 113.3 90.9 136.3
77 45.7 32.6 48.8
79 45.0 32.8 49.2



#18
Hexachloroethane
Concen: 49.19 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:117 Resp: 232479
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.4
201 84.9 72.0 108.0

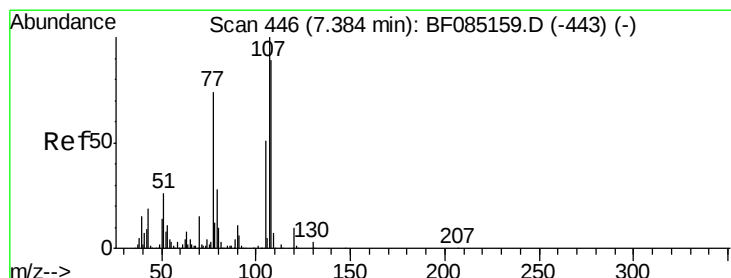
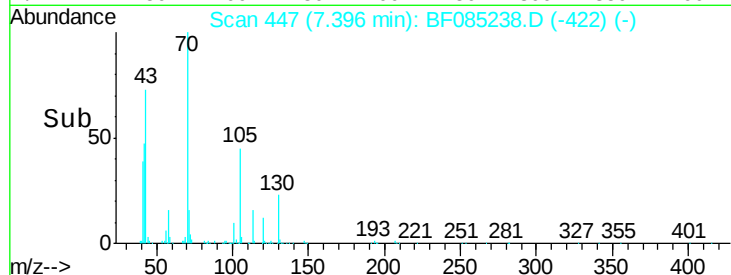
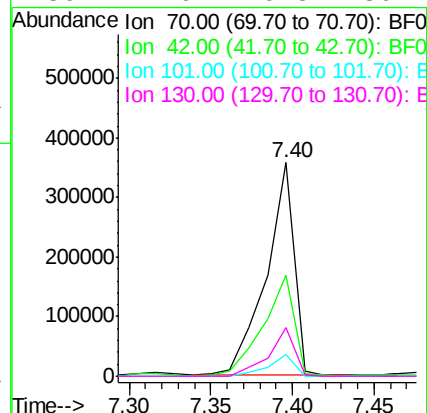
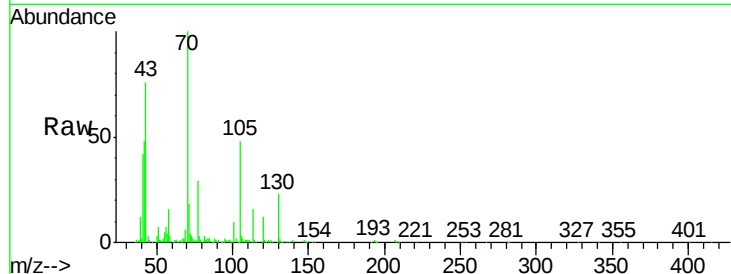




#19
n-Nitroso-di-n-propylamine
Concen: 50.58 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

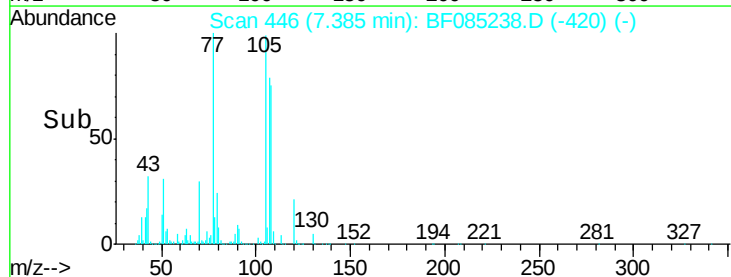
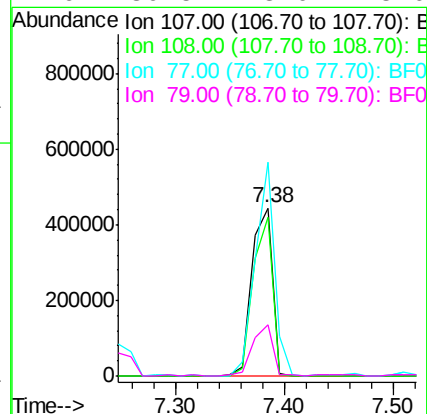
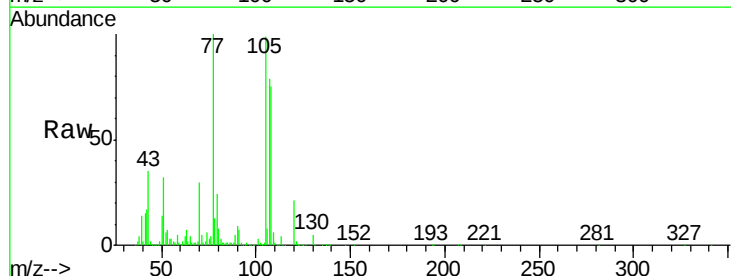
Instrument :
BNA_F
ClientSampled :

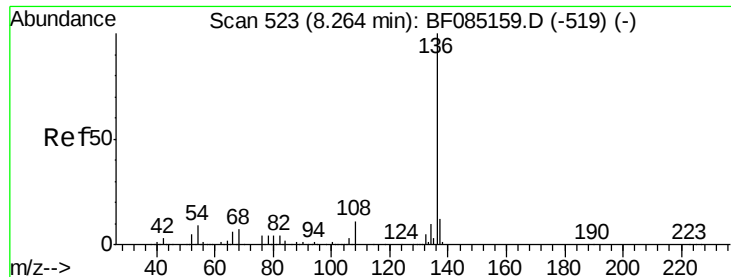
Tgt Ion:	70	Resp:	427115
Ion	Ratio	Lower	Upper
70	100		
42	47.5	37.7	56.5
101	10.2	8.2	12.4
130	22.9	20.5	30.7



#20
3+4-Methylphenols
Concen: 50.51 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:	107	Resp:	581282
Ion	Ratio	Lower	Upper
107	100		
108	94.7	68.8	108.8
77	127.0	53.6	93.6#
79	30.5	8.0	48.0

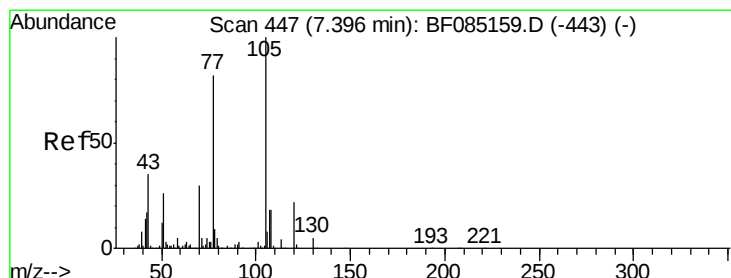
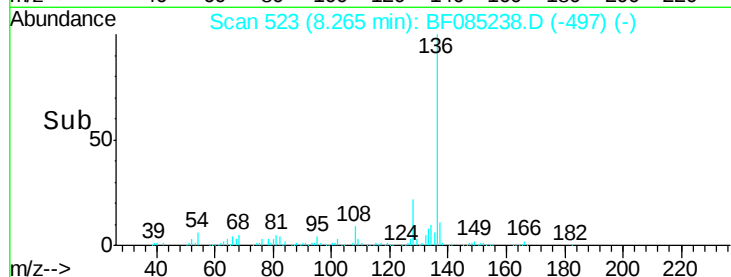
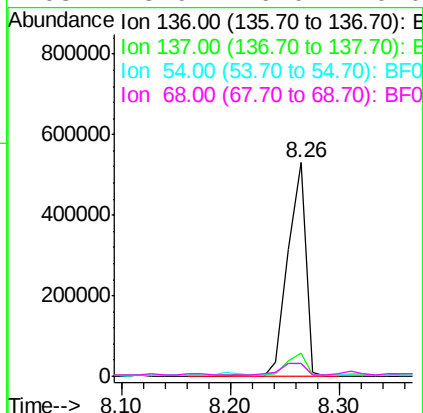
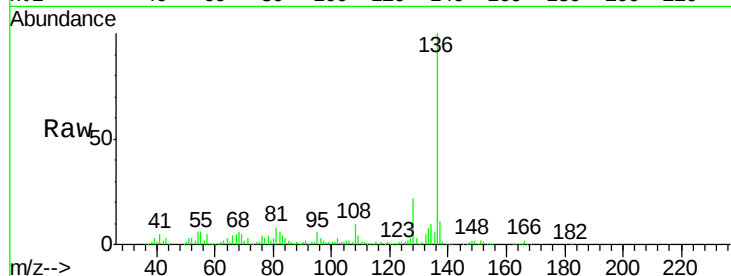




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

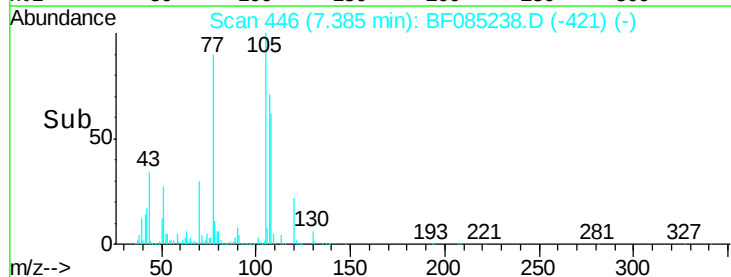
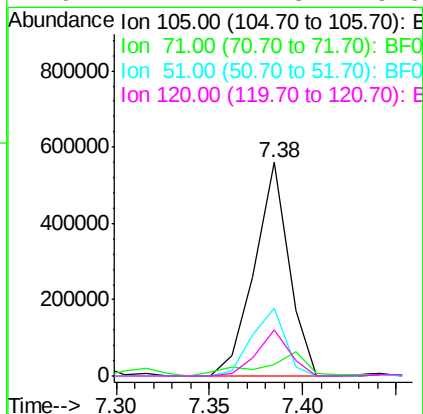
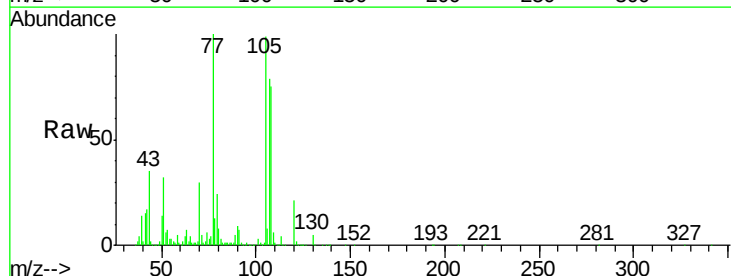
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	615238
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.1	7.4	11.2#
68	5.9	6.0	9.0#



#22
Acetophenone
Concen: 47.78 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:	105	Resp:	717556
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.1	6.1
51	31.8	21.1	31.7#
120	21.4	17.3	25.9

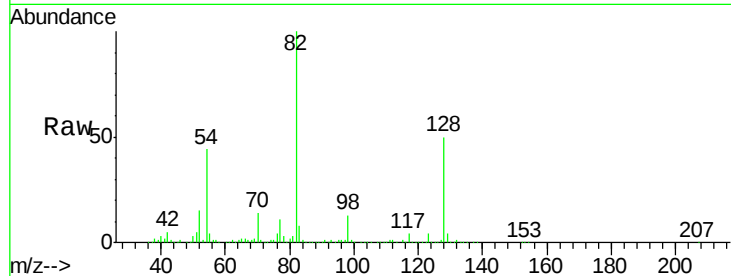




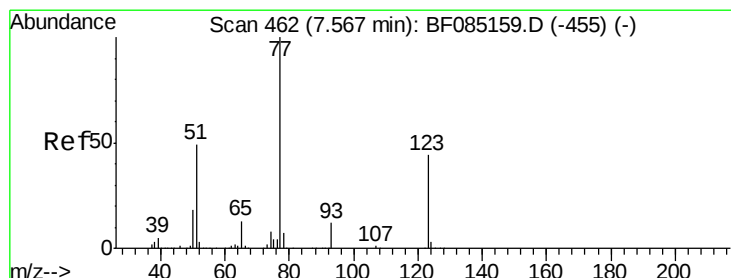
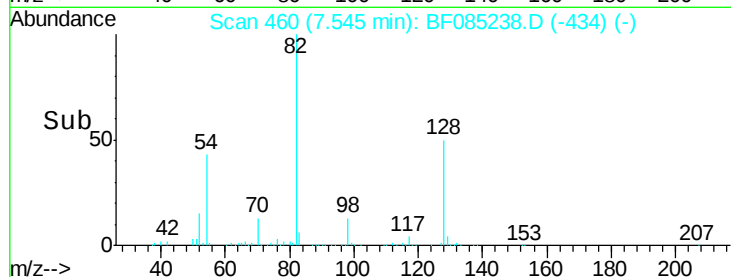
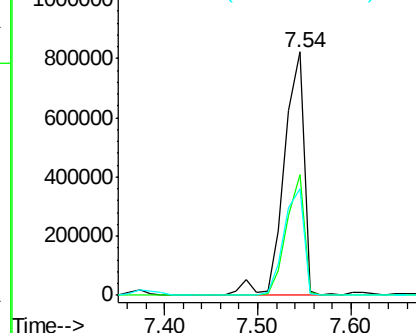
#23
 Nitrobenzene-d5
 Concen: 104.91 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 1206130
 Ion Ratio Lower Upper
 82 100
 128 49.7 34.5 51.7
 54 43.6 39.3 58.9

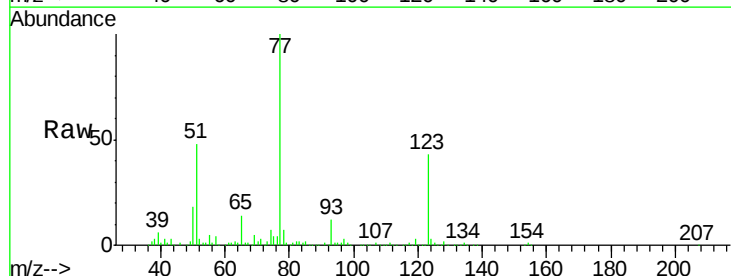


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

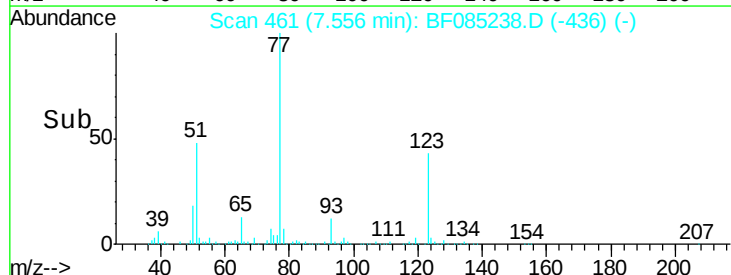
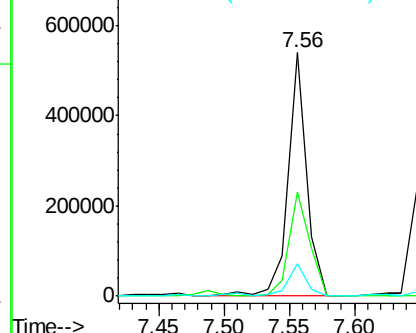


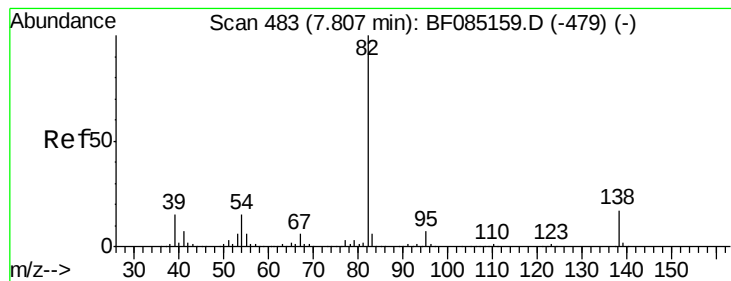
#24
 Nitrobenzene
 Concen: 45.96 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion: 77 Resp: 536793
 Ion Ratio Lower Upper
 77 100
 123 42.7 35.4 53.2
 65 13.5 10.6 16.0



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





#25

Isophorone

Concen: 51.34 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

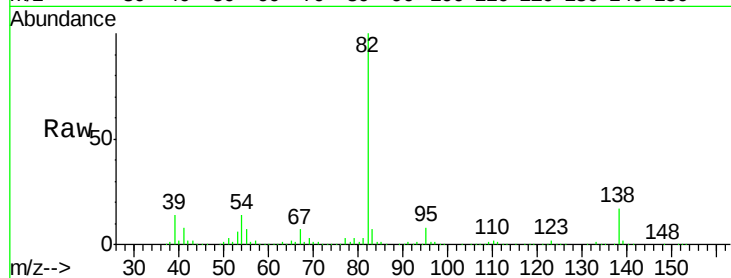
Tgt Ion: 82 Resp: 1093925

Ion Ratio Lower Upper

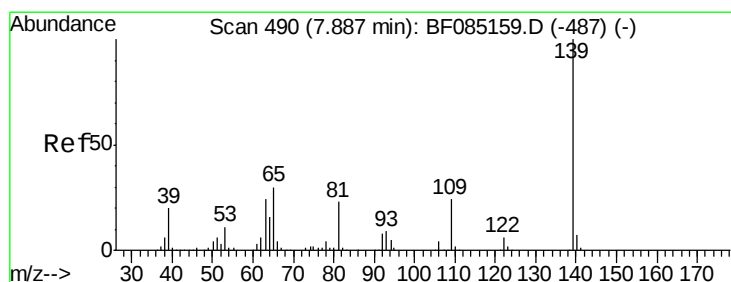
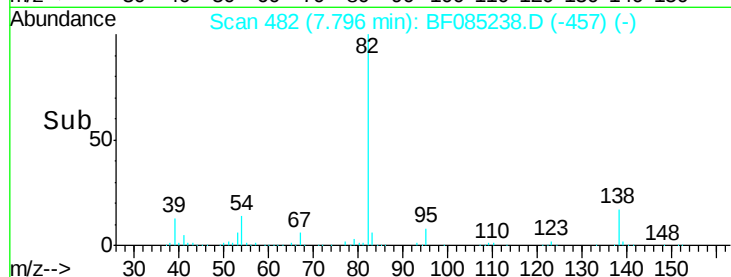
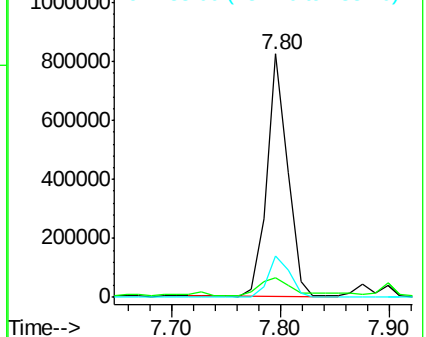
82 100

95 8.2 5.4 8.2

138 16.9 13.3 19.9



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: 56.18 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

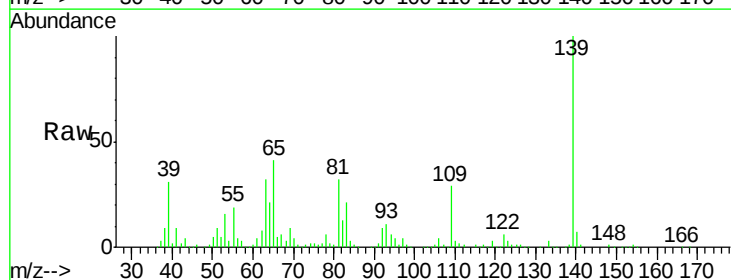
Tgt Ion: 139 Resp: 319324

Ion Ratio Lower Upper

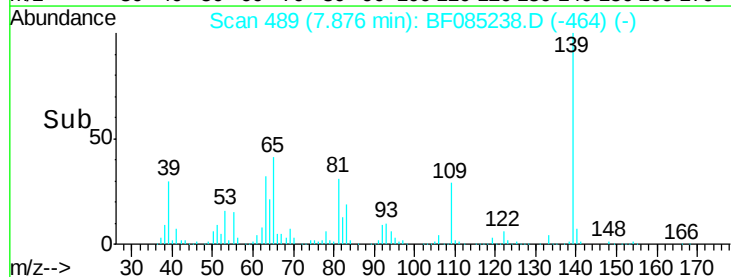
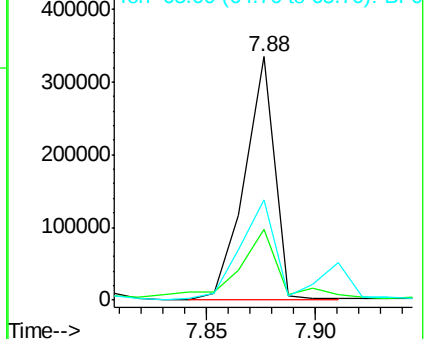
139 100

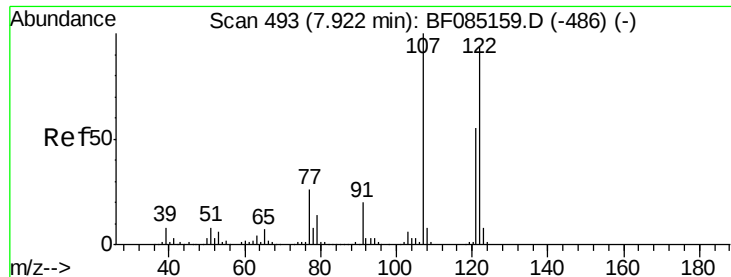
109 29.0 19.1 28.7#

65 41.3 23.9 35.9#



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





#27

2,4-Dimethylphenol

Concen: 49.95 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

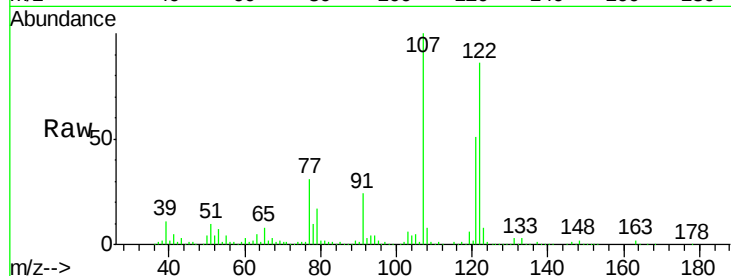
Tgt Ion:122 Resp: 518895

Ion Ratio Lower Upper

122 100

107 116.2 84.8 127.2

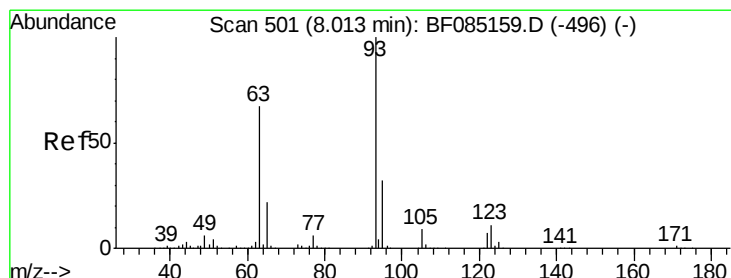
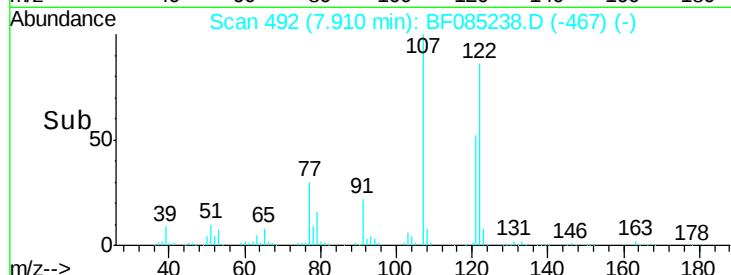
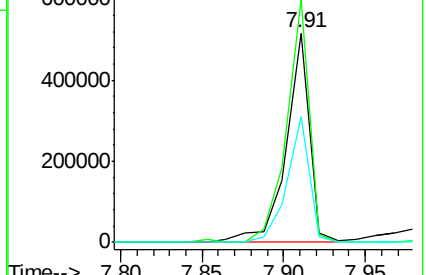
121 59.8 47.0 70.6



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: 53.48 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

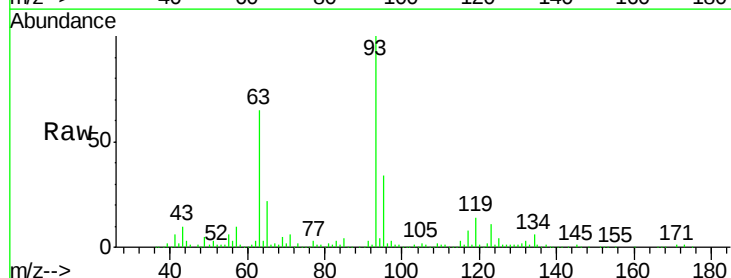
Tgt Ion: 93 Resp: 634568

Ion Ratio Lower Upper

93 100

95 34.1 25.9 38.9

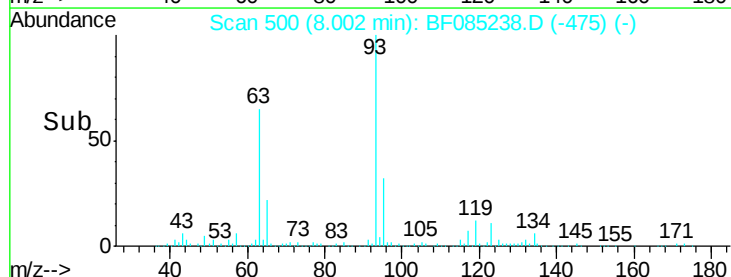
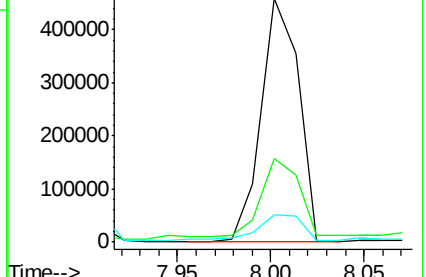
123 11.0 8.8 13.2

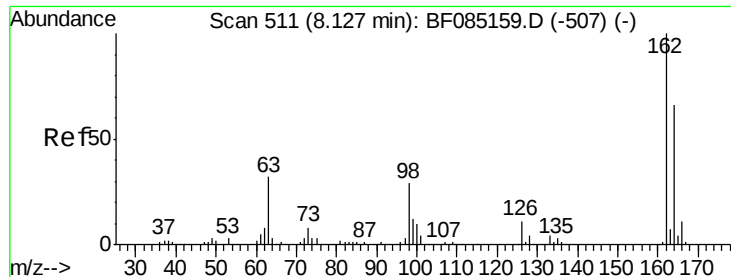


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

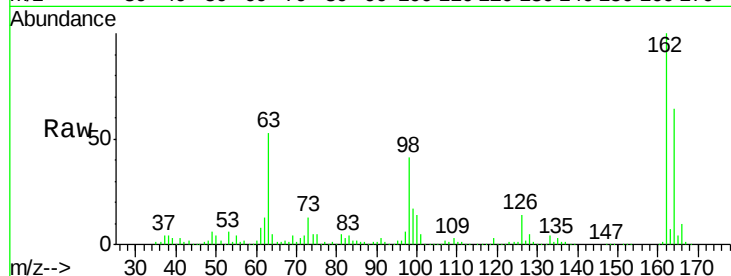




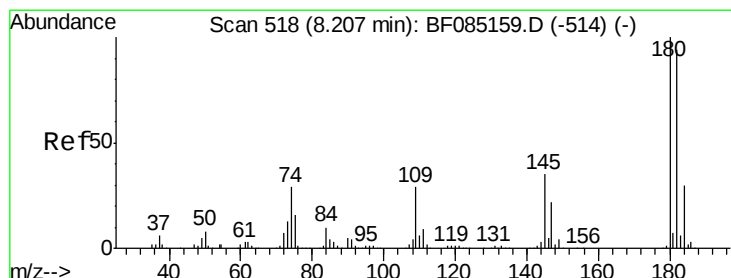
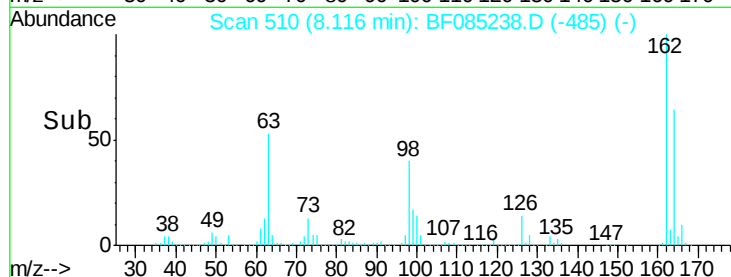
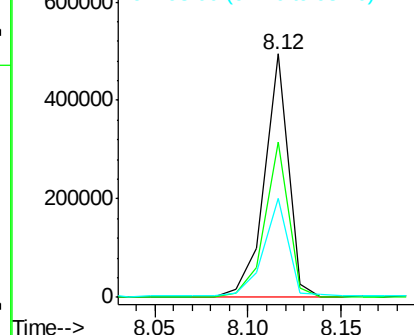
#29
 2,4-Dichlorophenol
 Concen: 52.47 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:162 Resp: 439574
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.7 85.7
 98 40.6 9.4 49.4

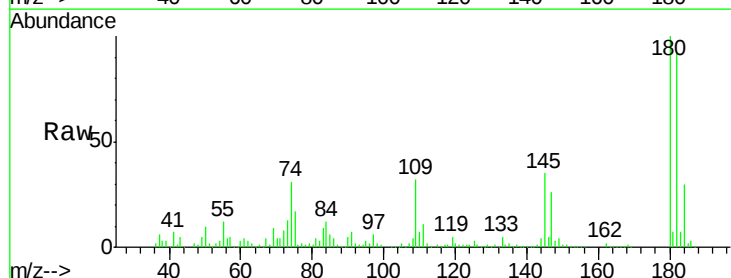


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

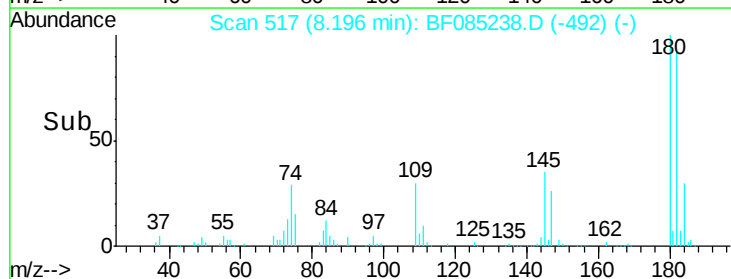
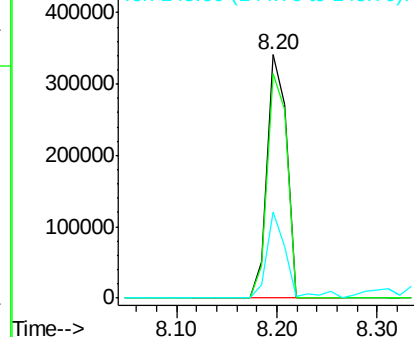


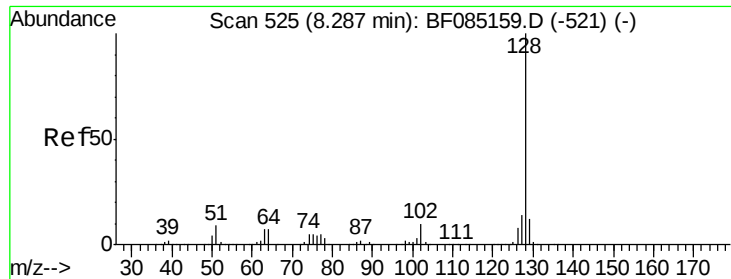
#30
 1,2,4-Trichlorobenzene
 Concen: 50.49 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:180 Resp: 457277
 Ion Ratio Lower Upper
 180 100
 182 92.4 74.9 112.3
 145 35.3 27.9 41.9



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

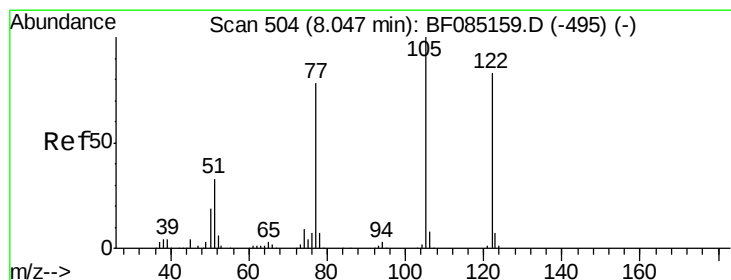
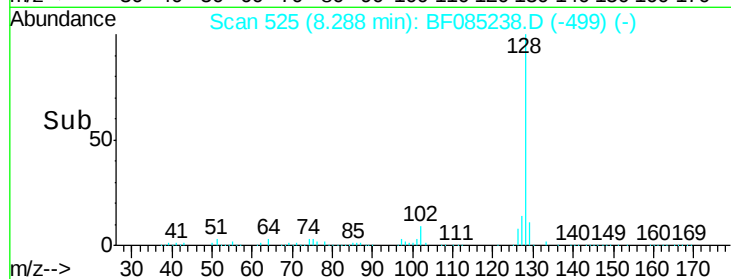
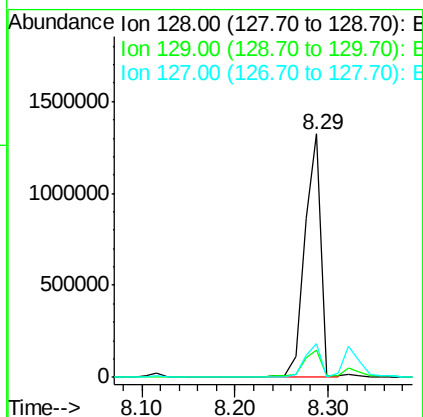
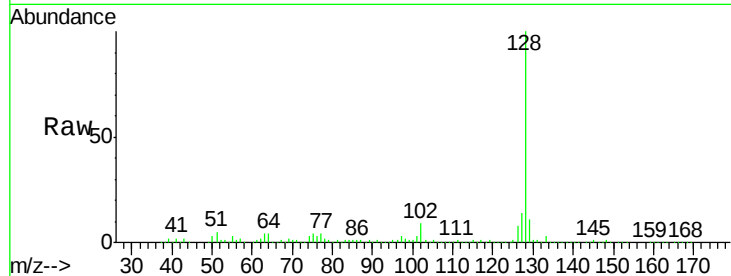




#31
Naphthalene
Concen: 53.47 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

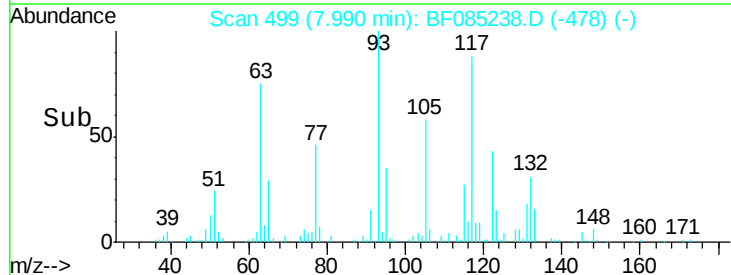
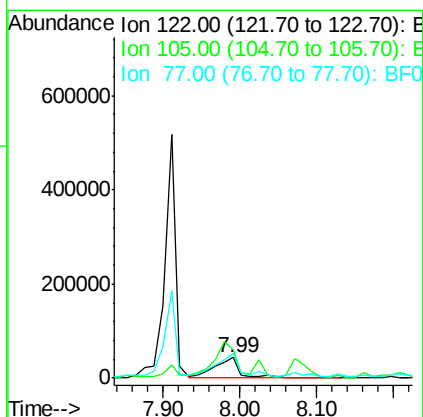
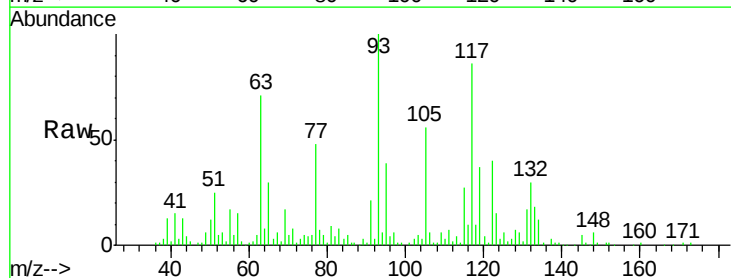
Instrument :
BNA_F
ClientSampleId :

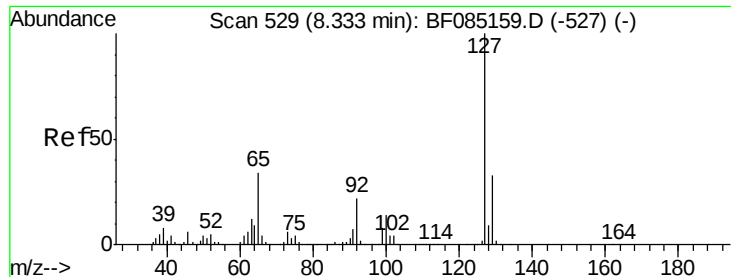
Tgt Ion:128 Resp: 1617624
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 14.0 11.2 16.8



#32
Benzoic acid
Concen: 14.55 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:122 Resp: 100361
Ion Ratio Lower Upper
122 100
105 139.1 101.3 141.3
77 117.7 74.7 114.7#

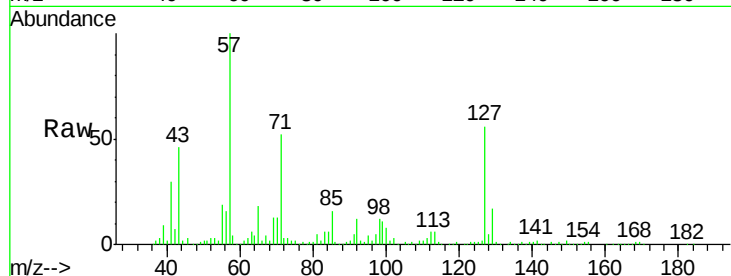




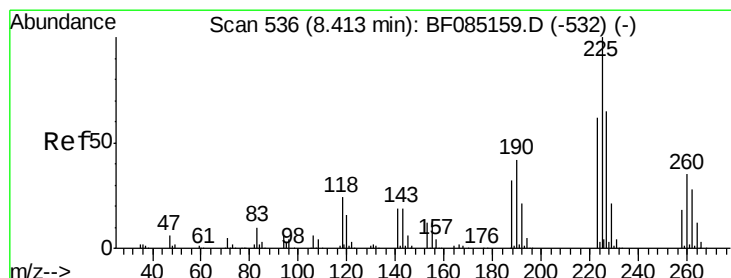
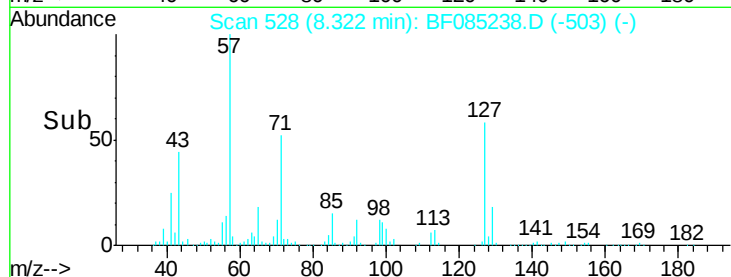
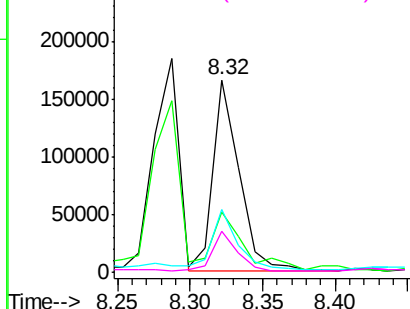
#33
4-Chloroaniline
Concen: 17.05 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	208637
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	32.8	27.0	40.6
92	21.2	17.4	26.0

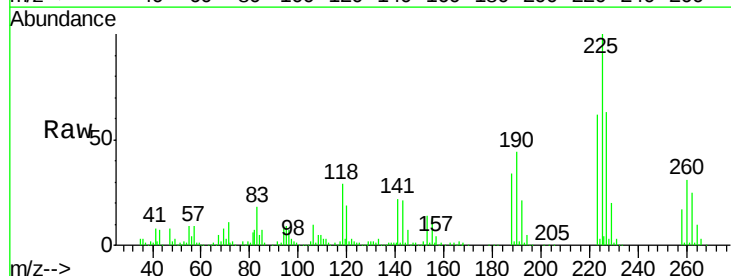


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

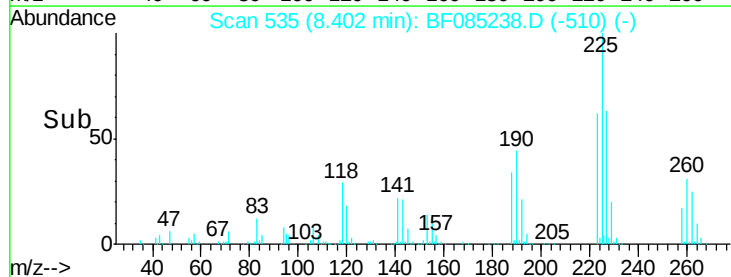
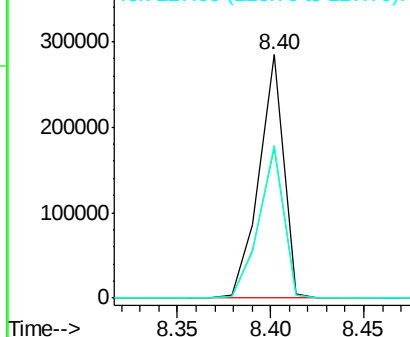


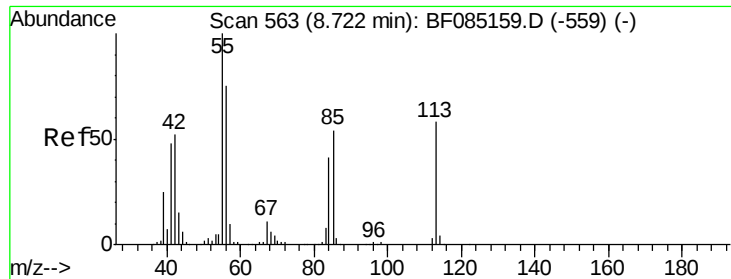
#34
Hexachlorobutadiene
Concen: 55.04 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:	225	Resp:	259402
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	62.8	52.2	78.4



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

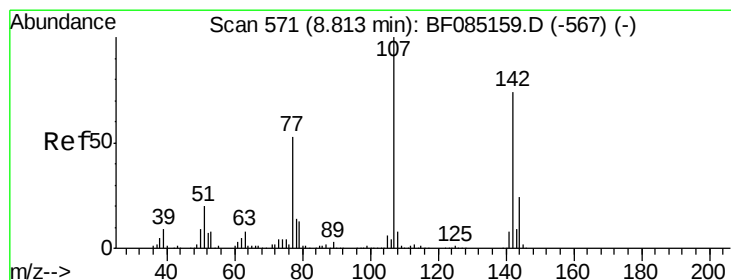
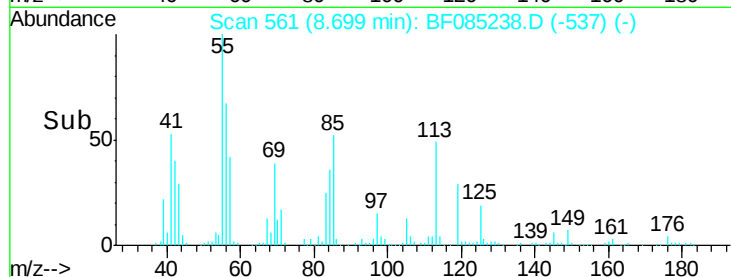
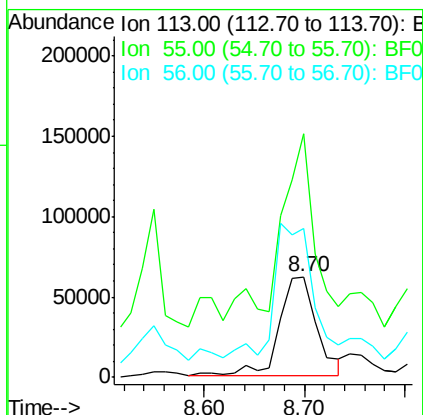
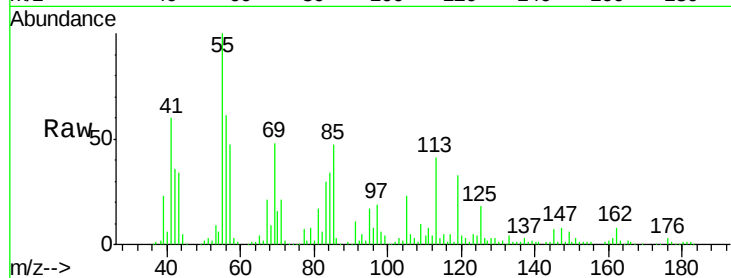




#35
 Caprolactam
 Concen: 57.27 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

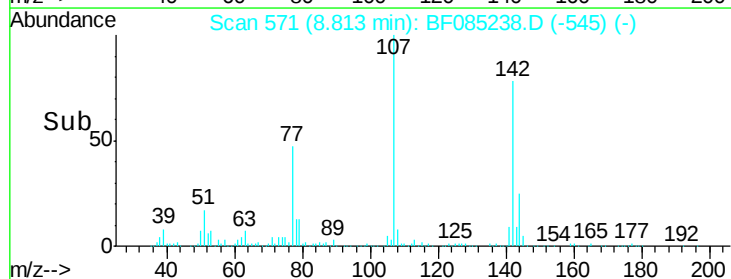
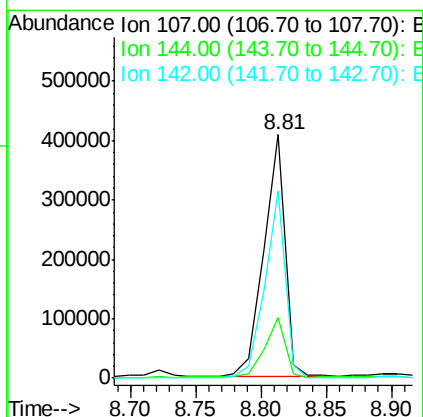
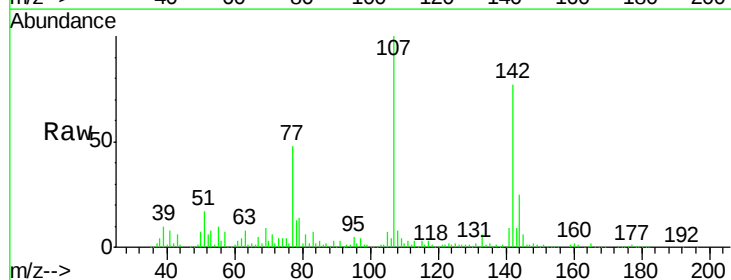
Instrument :
 BNA_F
 ClientSampled :

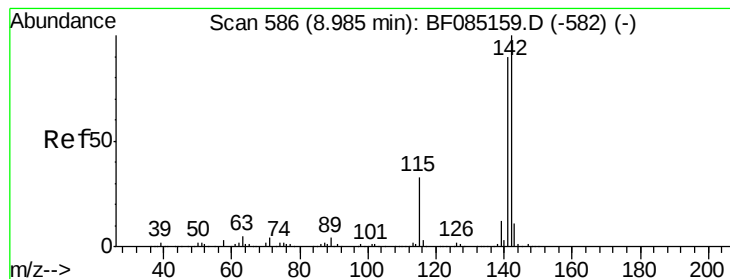
Tgt Ion:113 Resp: 156684
 Ion Ratio Lower Upper
 113 100
 55 241.4 152.7 192.7#
 56 148.2 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.03 ng
 RT: 8.81 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:107 Resp: 465961
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.4 29.2
 142 77.2 59.4 89.2

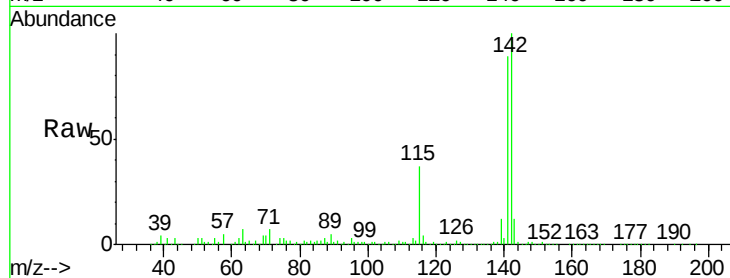




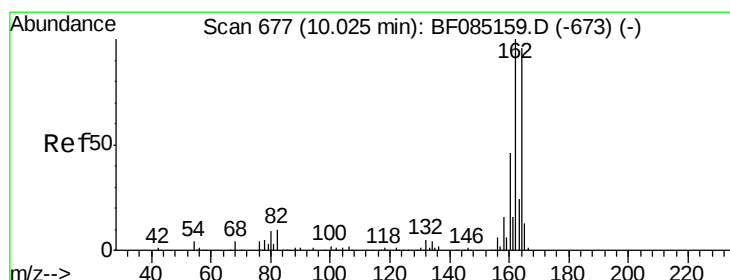
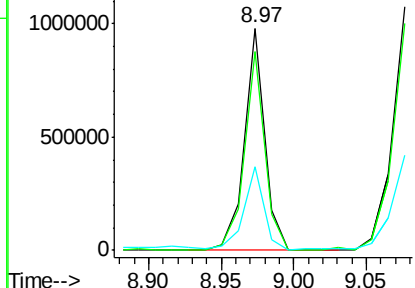
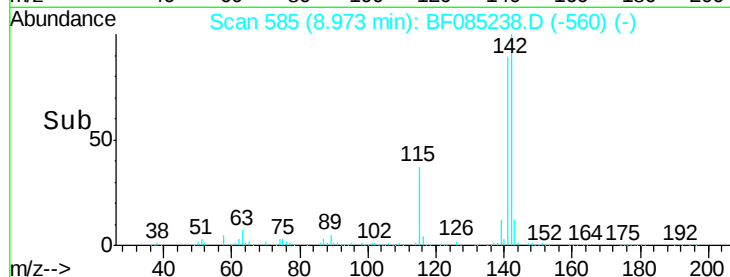
#37
2-Methylnaphthalene
Concen: 49.00 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 951187
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 37.3 26.2 39.4

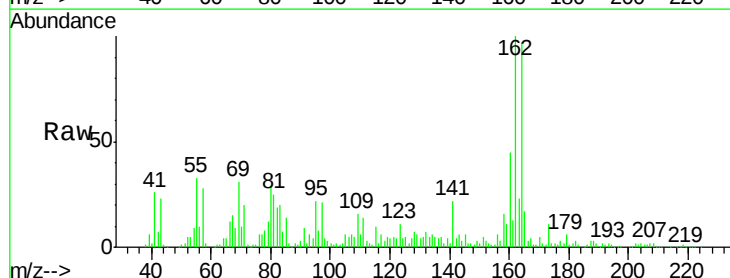


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

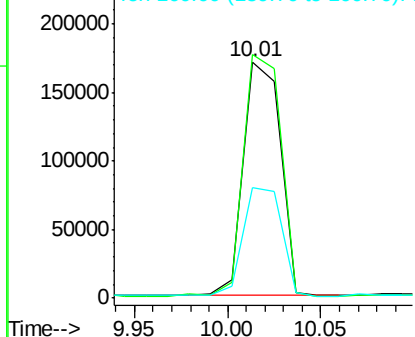
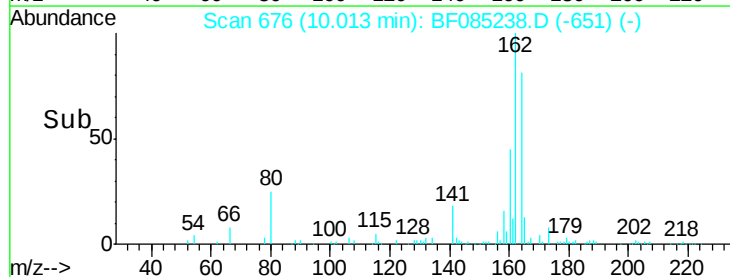


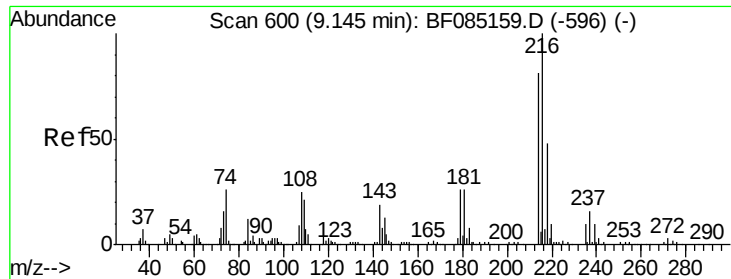
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:164 Resp: 235286
Ion Ratio Lower Upper
164 100
162 103.2 83.3 124.9
160 46.6 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

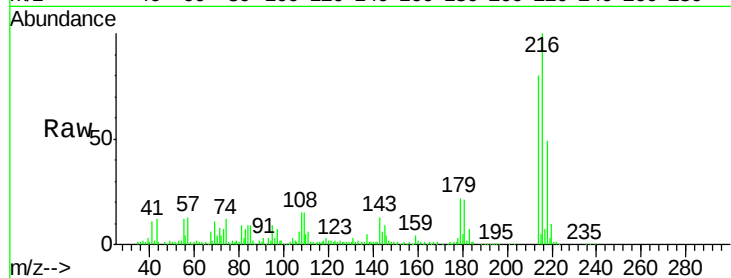




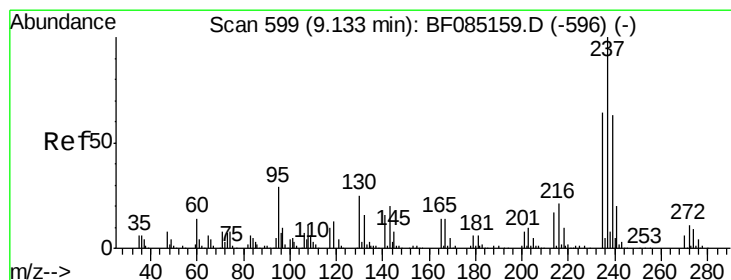
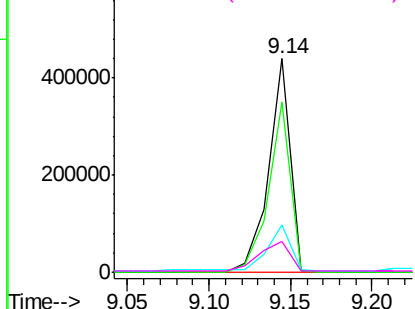
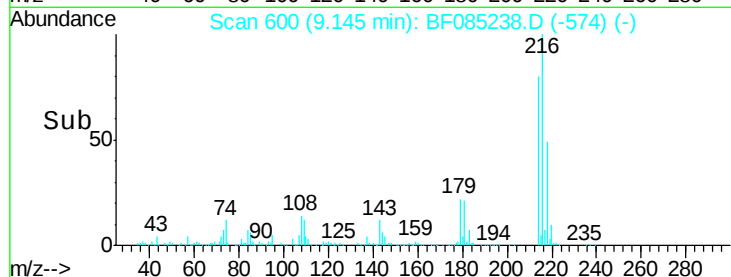
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 60.26 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	405513
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	26.4	19.6	29.4
108	20.7	19.6	29.4

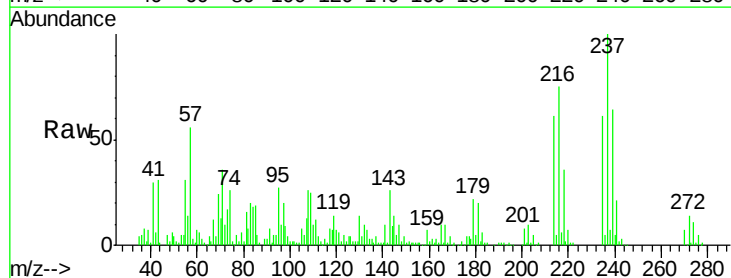


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

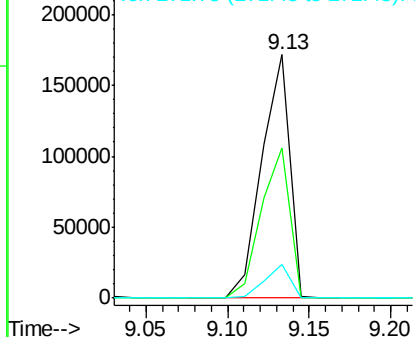
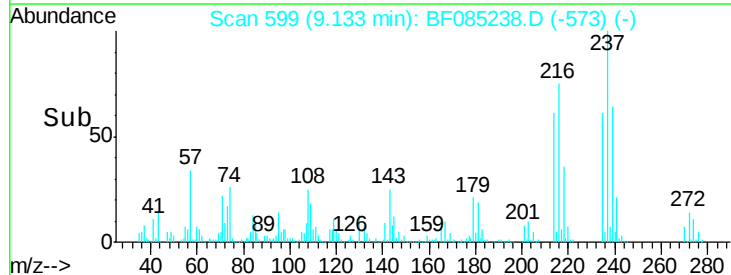


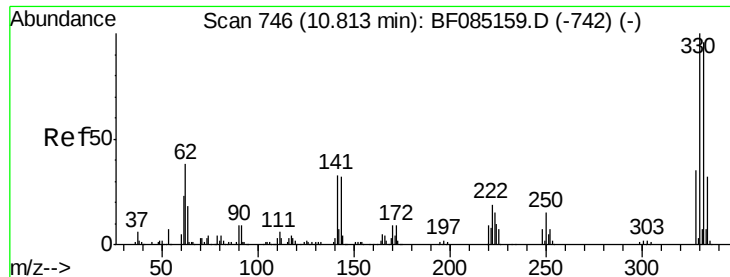
#40
 Hexachlorocyclopentadiene
 Concen: 56.28 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:	237	Resp:	204249
Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.7	83.7
272	13.9	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

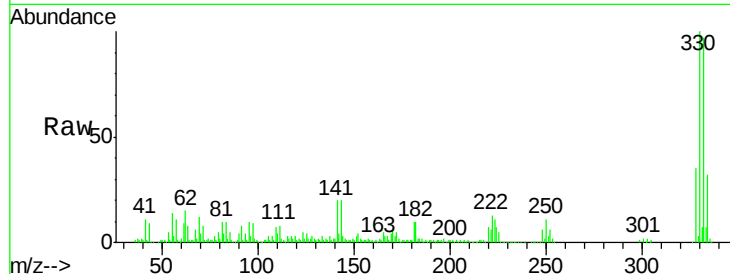




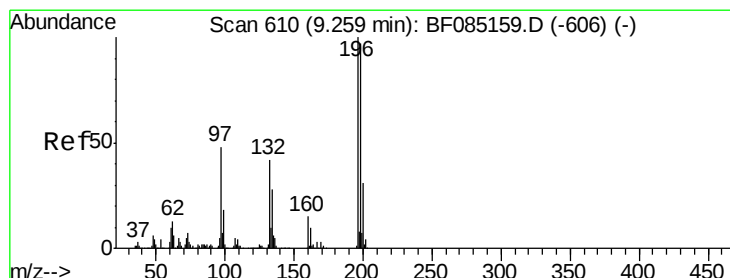
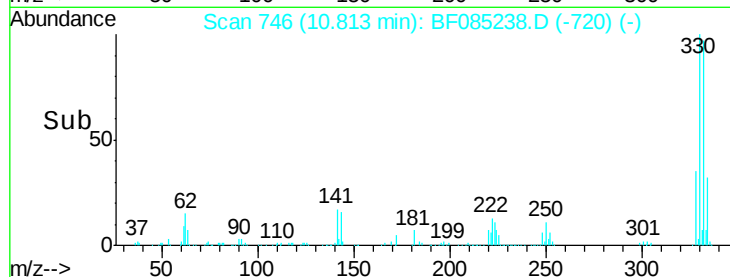
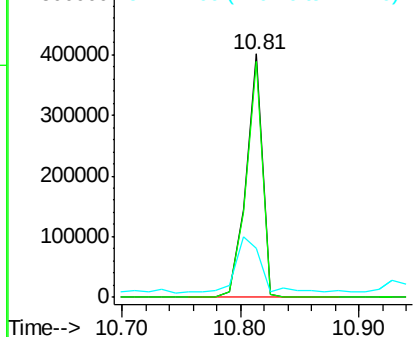
#41
 2,4,6-Tribromophenol
 Concen: 191.30 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 385142
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 33.9 35.0 52.6#

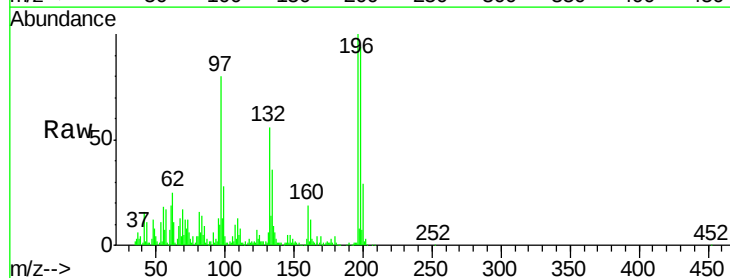


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

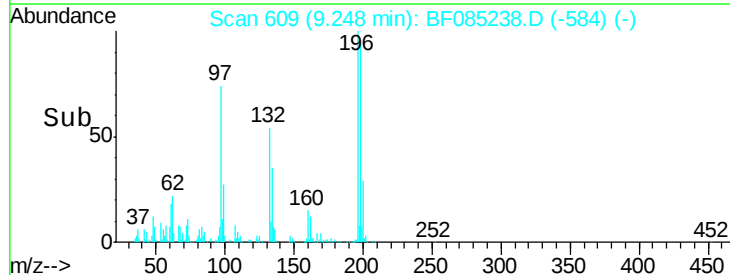
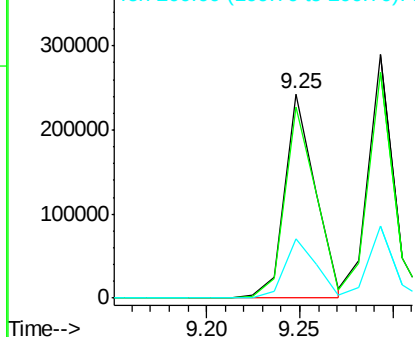


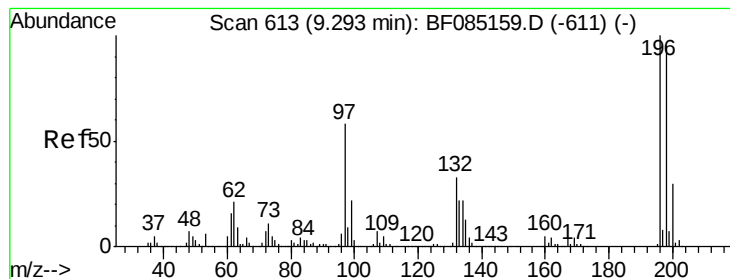
#42
 2,4,6-Trichlorophenol
 Concen: 55.30 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:196 Resp: 276972
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.8 116.6
 200 29.3 25.0 37.6



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





#43

2,4,5-Trichlorophenol

Concen: 55.24 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

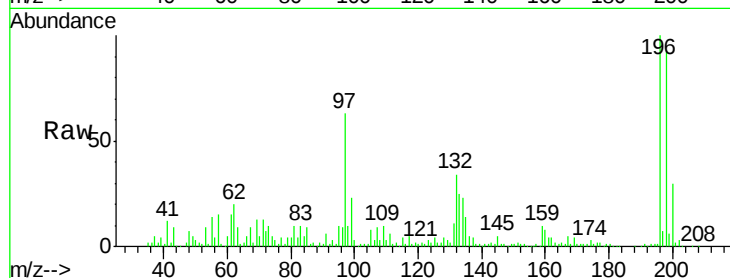
Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:196 Resp: 262337

Ion Ratio Lower Upper

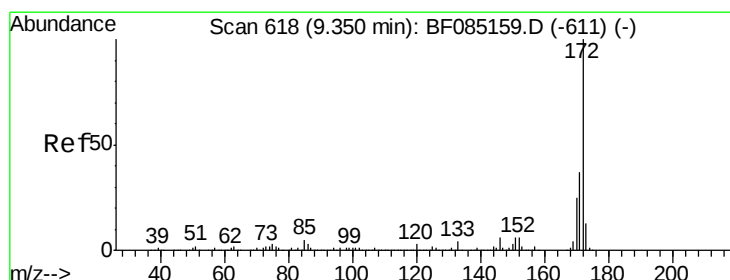
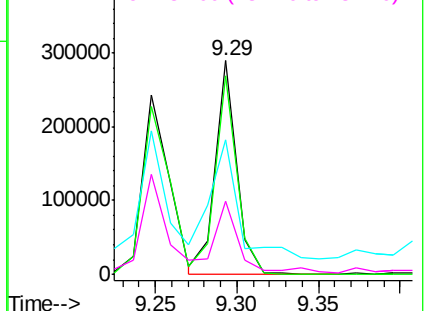
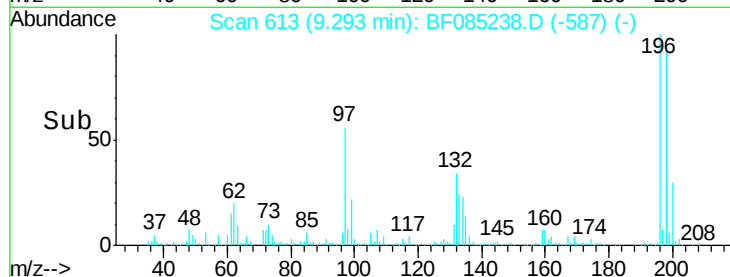
196 100

198 92.8 75.7 113.5

97 63.1 46.4 69.6

132 33.9 26.2 39.4

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



#44

2-Fluorobiphenyl

Concen: 98.24 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

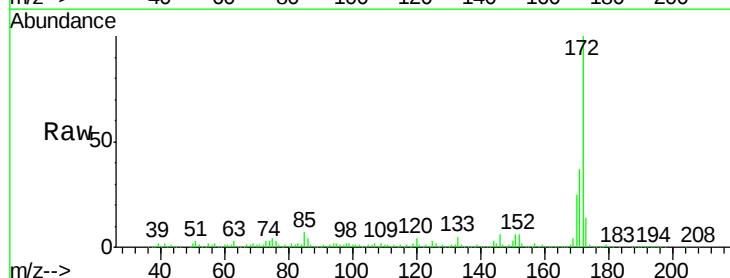
Tgt Ion:172 Resp: 1519870

Ion Ratio Lower Upper

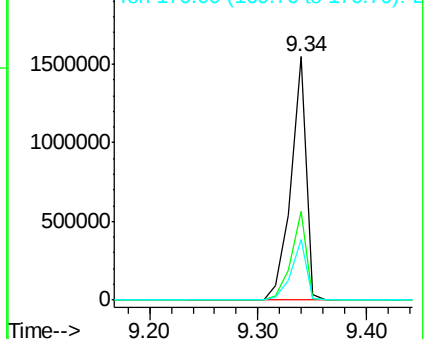
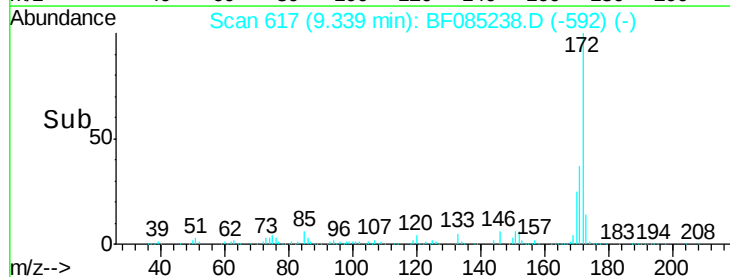
172 100

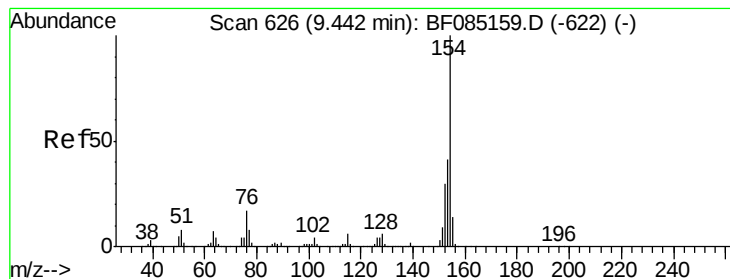
171 36.6 29.3 43.9

170 25.0 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 53.80 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

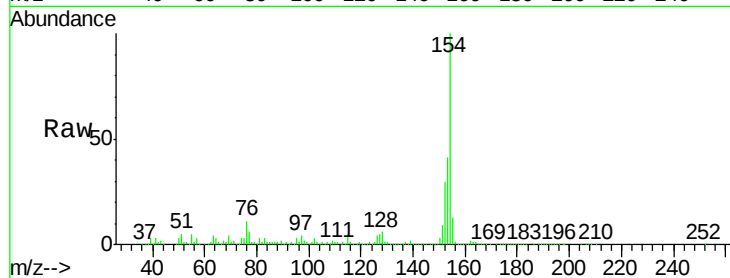
Tgt Ion:154 Resp: 1081454

Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

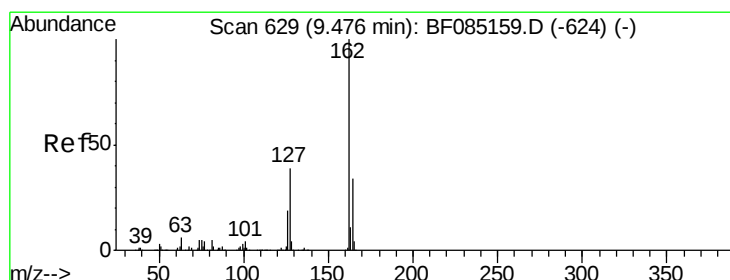
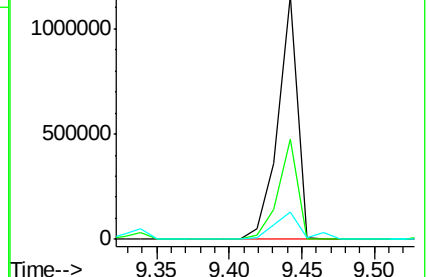
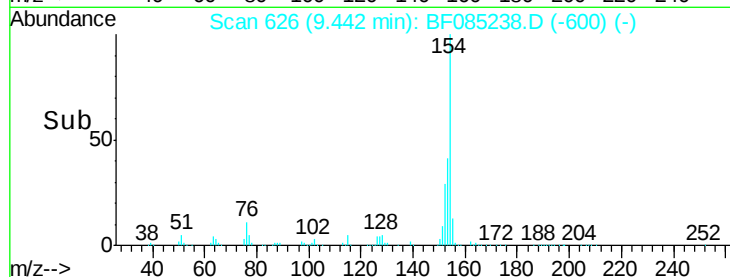
76 11.2 0.0 37.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.31 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

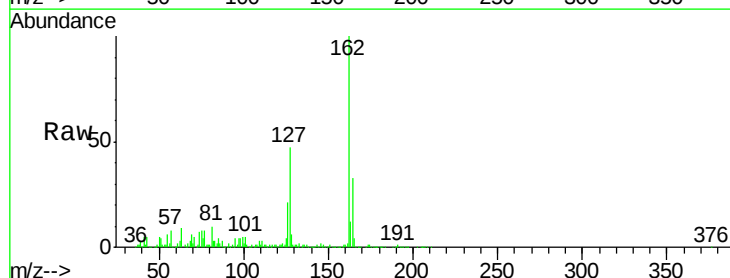
Tgt Ion:162 Resp: 755624

Ion Ratio Lower Upper

162 100

127 46.7 31.6 47.4

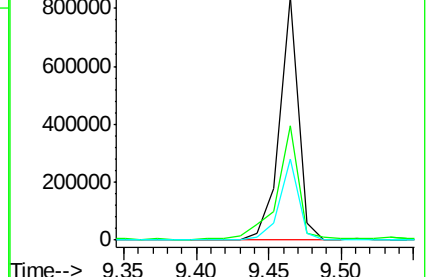
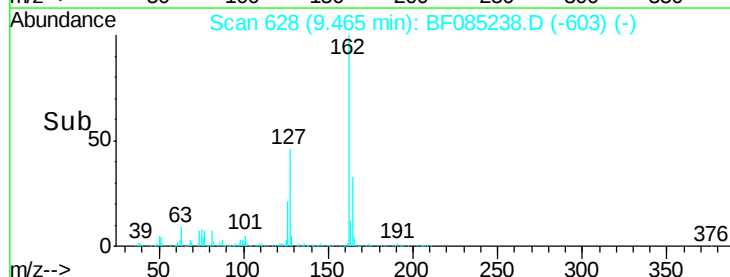
164 33.4 27.1 40.7

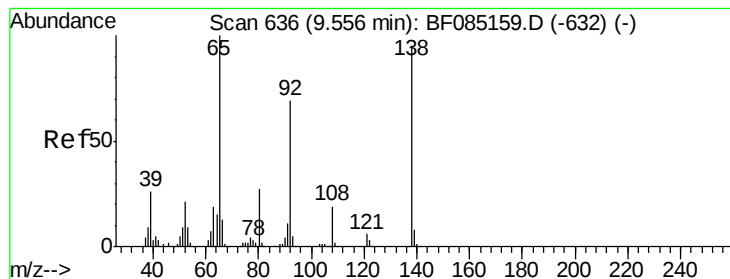


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.22 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

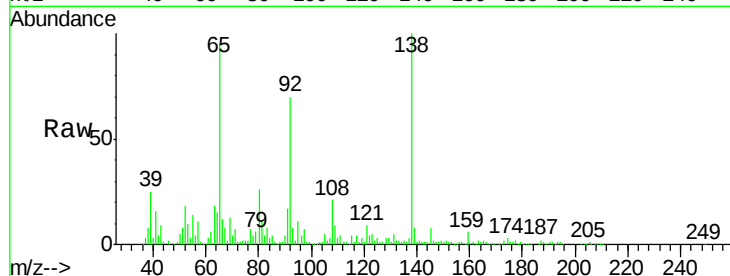
Tgt Ion: 65 Resp: 266956

Ion Ratio Lower Upper

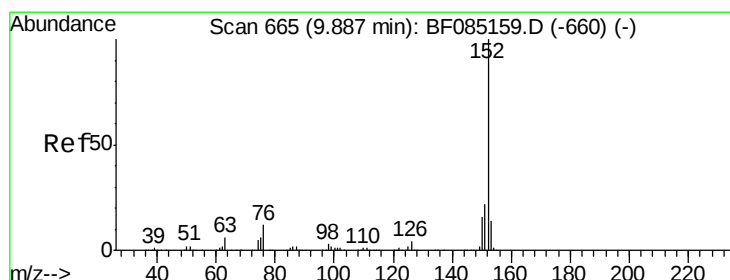
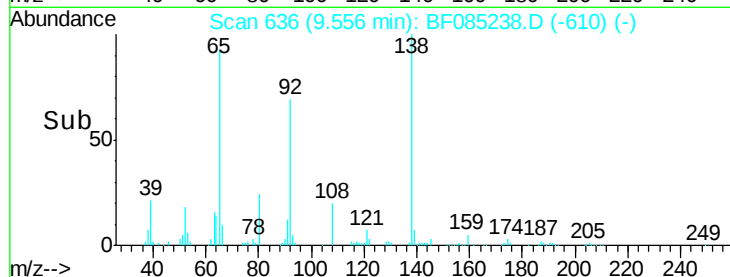
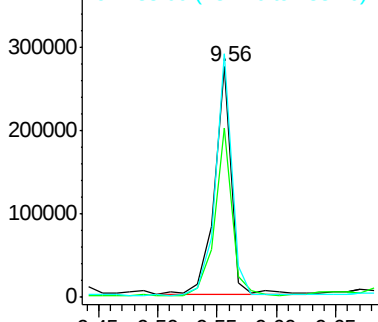
65 100

92 73.6 55.4 83.2

138 105.6 75.7 113.5



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



#48

Acenaphthylene

Concen: 53.34 ng

RT: 9.89 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

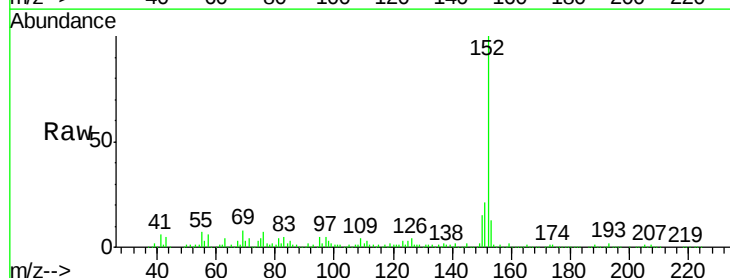
Tgt Ion: 152 Resp: 1271988

Ion Ratio Lower Upper

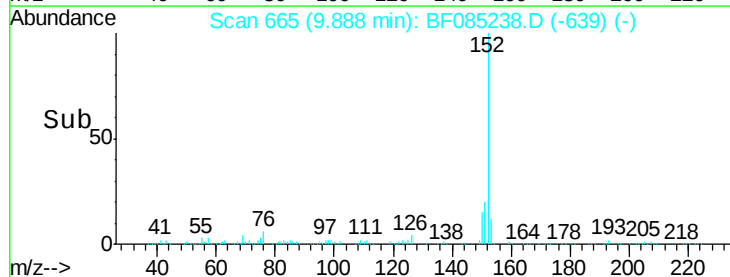
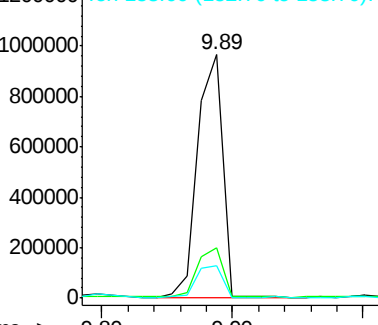
152 100

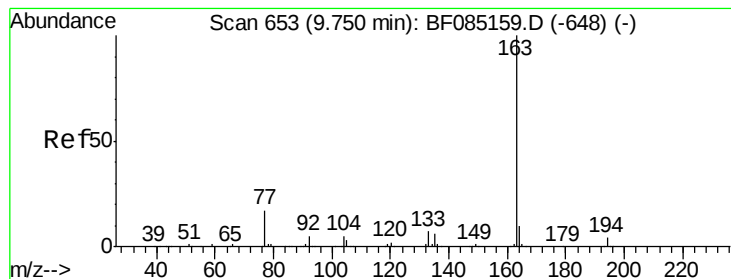
151 20.9 17.5 26.3

153 13.4 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 54.70 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

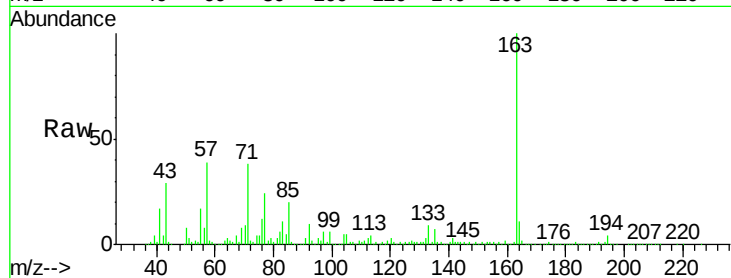
Tgt Ion:163 Resp: 987787

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

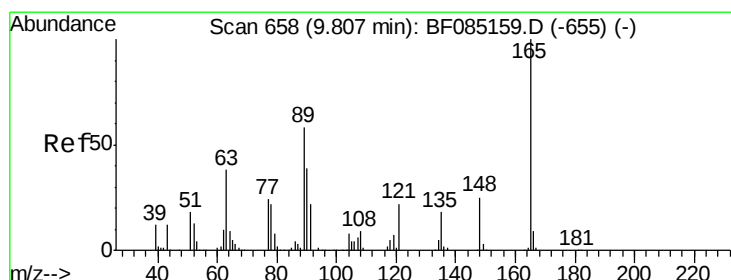
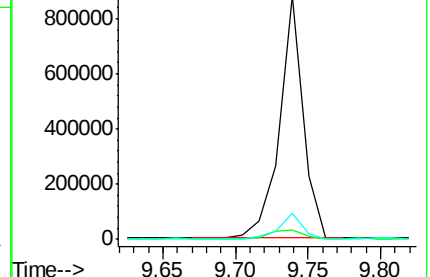
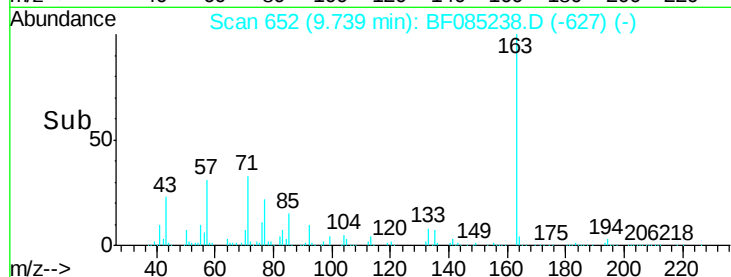
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.77 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

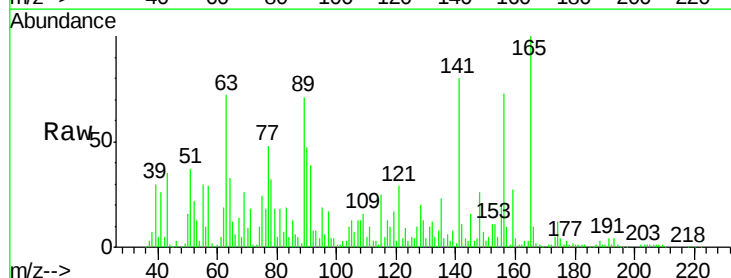
Tgt Ion:165 Resp: 192265

Ion Ratio Lower Upper

165 100

63 72.1 41.8 62.8#

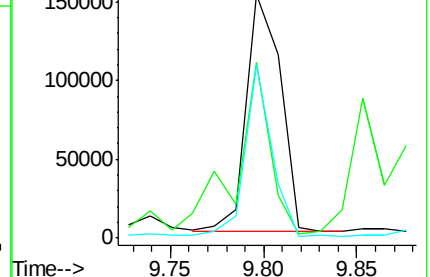
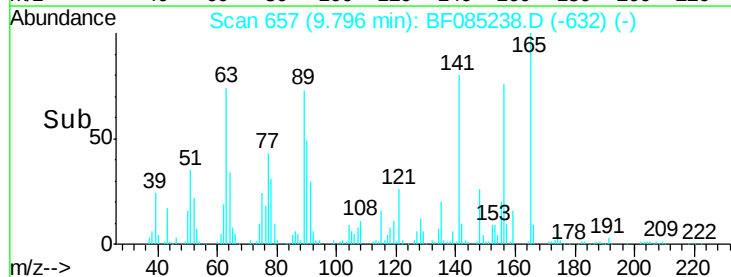
89 71.1 46.7 70.1#

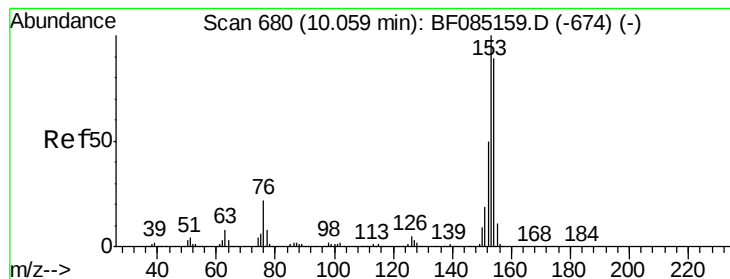


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.01 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

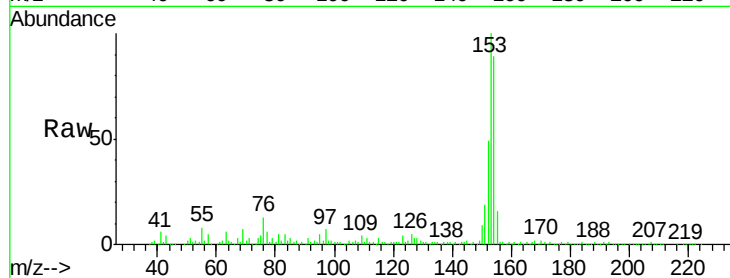
Tgt Ion:154 Resp: 796570

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.8

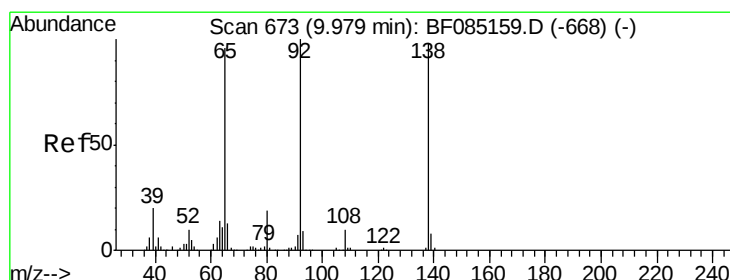
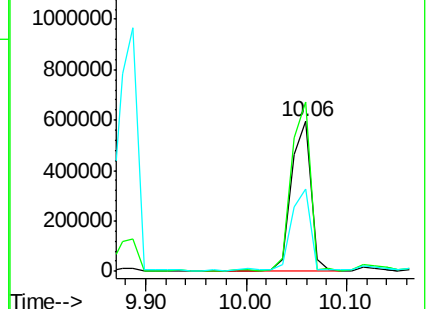
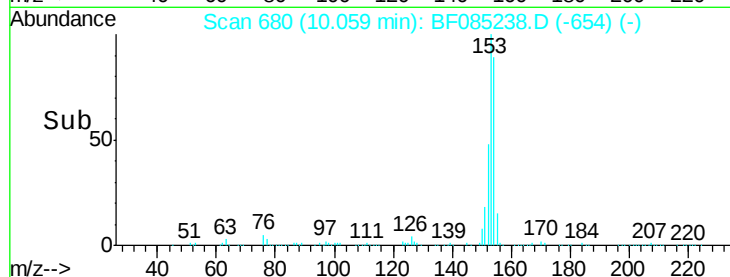
152 55.0 44.6 66.8



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: 36.17 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

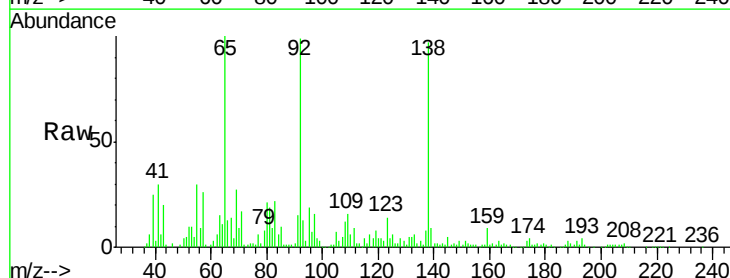
Tgt Ion:138 Resp: 167175

Ion Ratio Lower Upper

138 100

108 12.8 7.8 11.6#

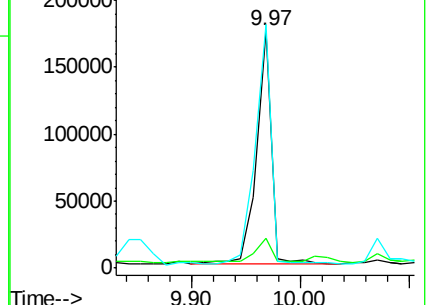
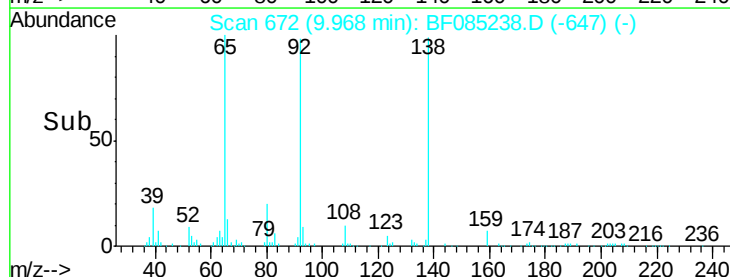
92 102.6 81.3 121.9

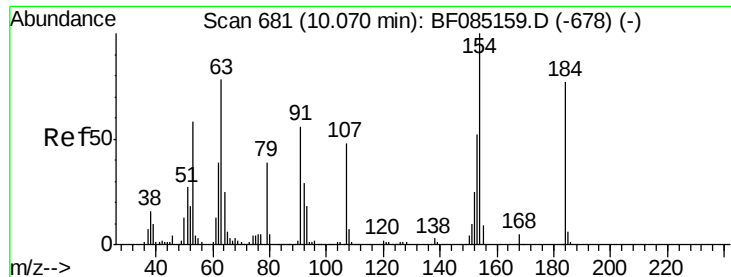


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

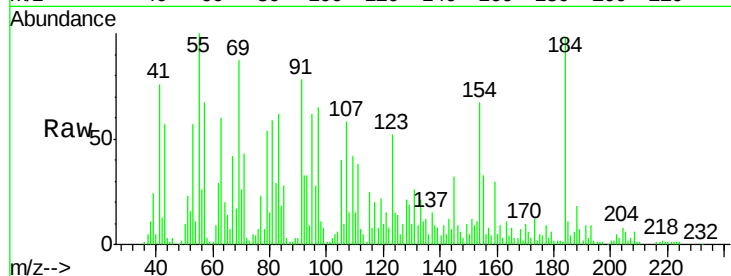




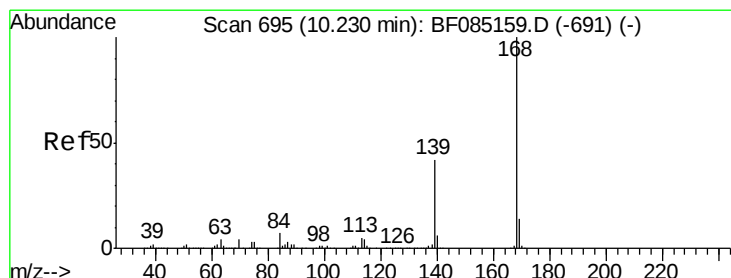
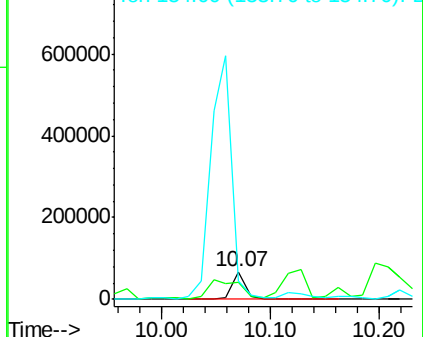
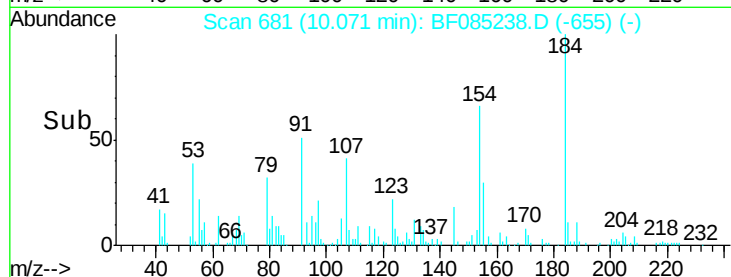
#53
 2,4-Dinitrophenol
 Concen: 34.19 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:184 Resp: 57022
 Ion Ratio Lower Upper
 184 100
 63 60.5 82.2 123.4#
 154 68.4 108.9 163.3#

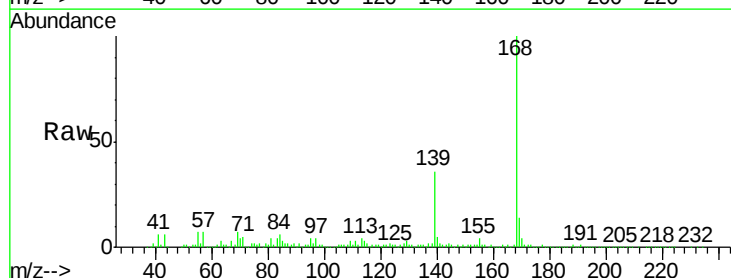


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

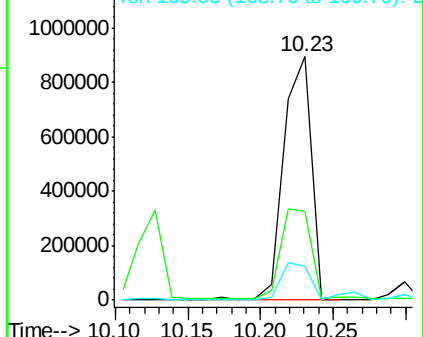
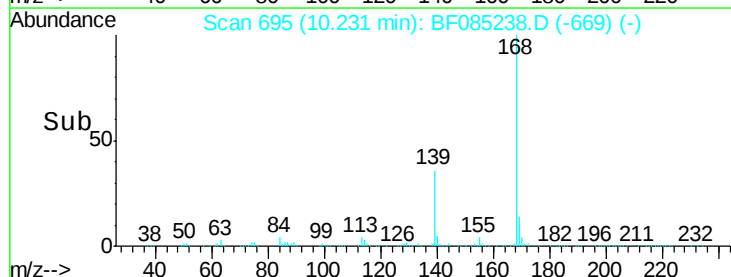


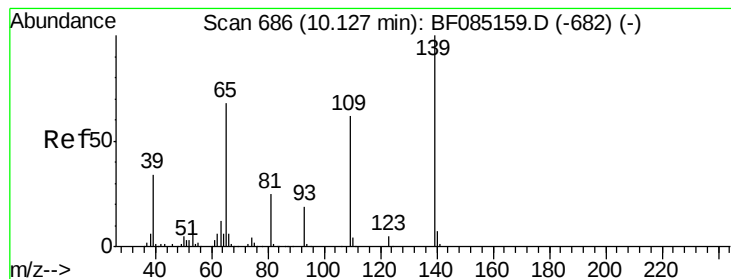
#54
 Dibenzofuran
 Concen: 61.89 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:168 Resp: 1174032
 Ion Ratio Lower Upper
 168 100
 139 36.2 33.6 50.4
 169 13.6 11.2 16.8



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: 110.00 ng

RT: 10.13 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

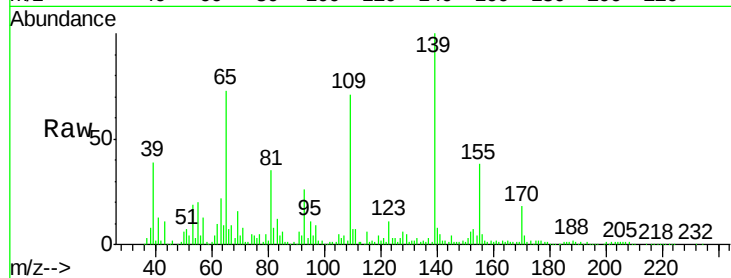
Tgt Ion:139 Resp: 399566

Ion Ratio Lower Upper

139 100

109 70.6 41.9 81.9

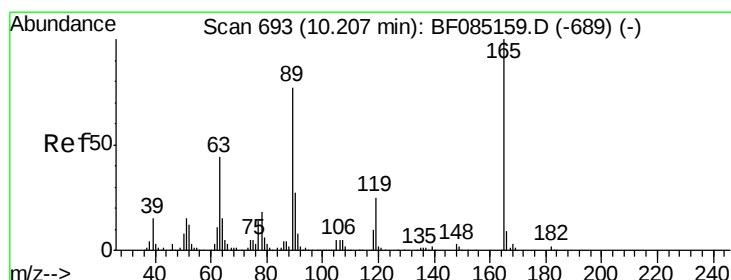
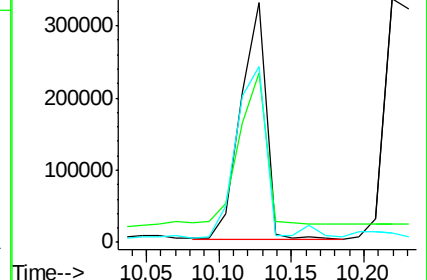
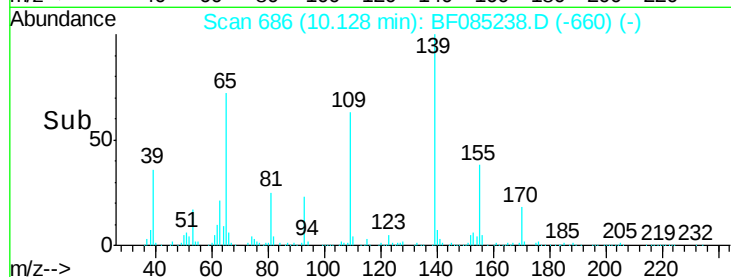
65 73.2 48.3 88.3



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: 64.88 ng

RT: 10.21 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Tgt Ion:165 Resp: 320777

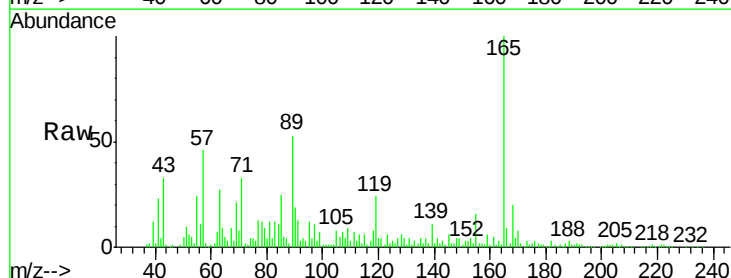
Ion Ratio Lower Upper

165 100

63 27.4 35.4 53.0#

89 53.4 61.9 92.9#

182 2.9 1.9 2.9#

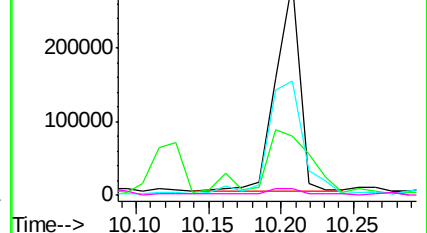
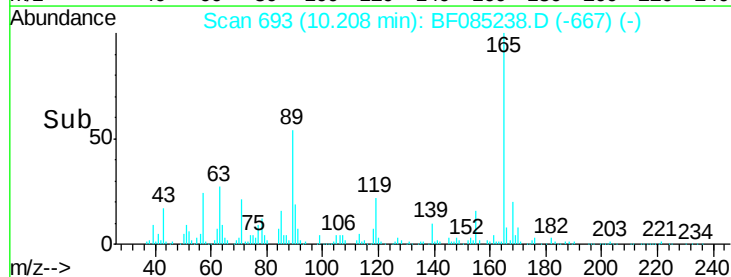


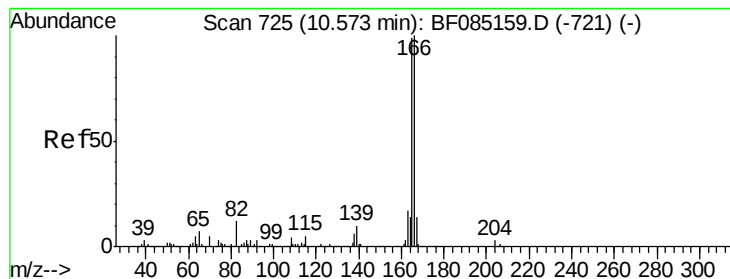
Abundance Ion 165.00 (164.70 to 165.70): E

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: 62.97 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

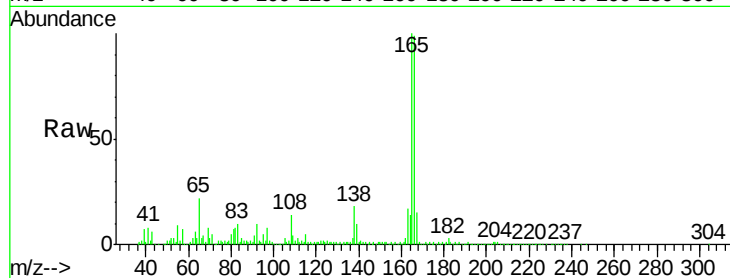
Tgt Ion:166 Resp: 938329

Ion Ratio Lower Upper

166 100

165 100.8 79.4 119.0

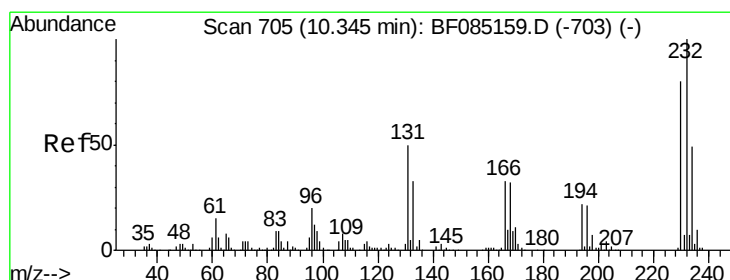
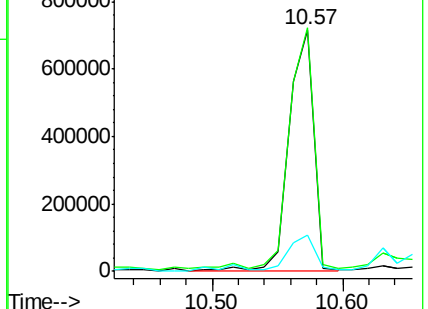
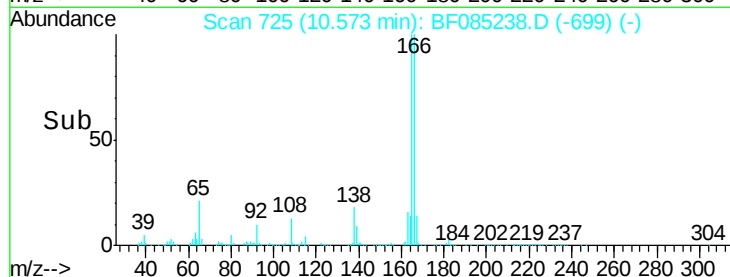
167 14.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 64.60 ng

RT: 10.34 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Tgt Ion:232 Resp: 215518

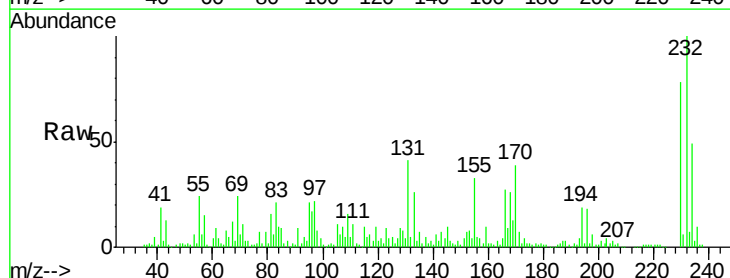
Ion Ratio Lower Upper

232 100

131 55.0 46.0 69.0

130 5.2 2.2 3.4#

166 33.7 28.8 43.2

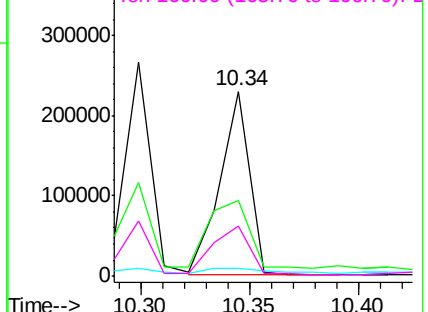
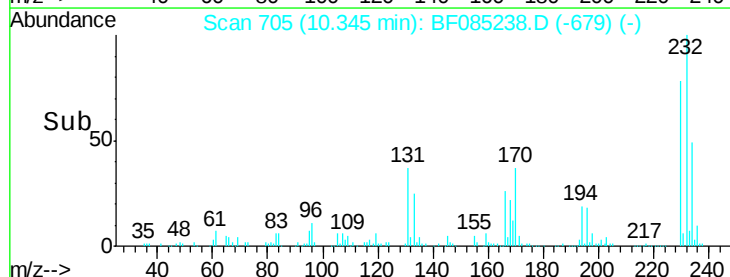


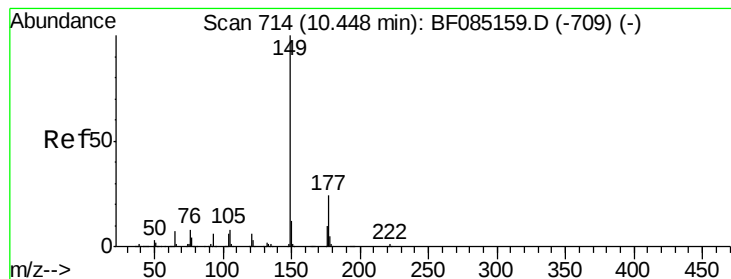
Abundance Ion 232.00 (231.70 to 232.70): E

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: 52.27 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

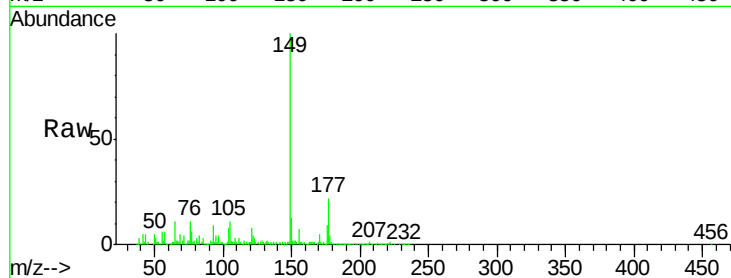
Tgt Ion:149 Resp: 915930

Ion Ratio Lower Upper

149 100

177 21.8 19.2 28.8

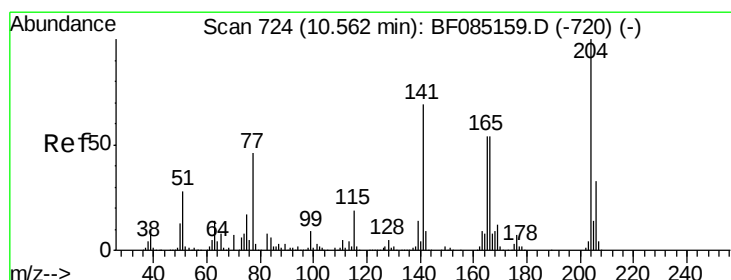
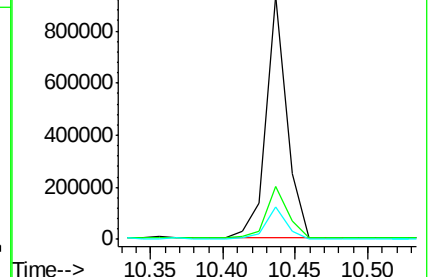
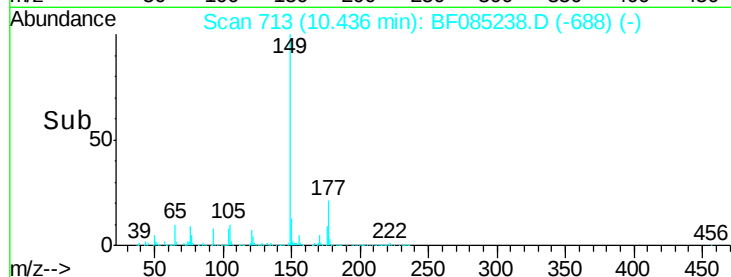
150 13.2 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 57.64 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

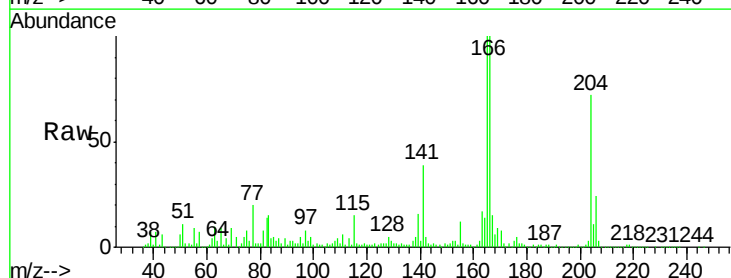
Tgt Ion:204 Resp: 417924

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

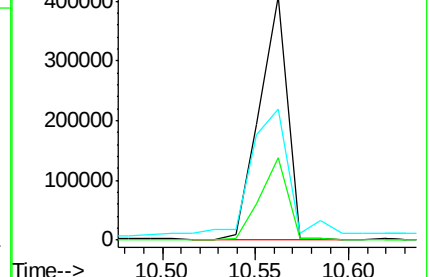
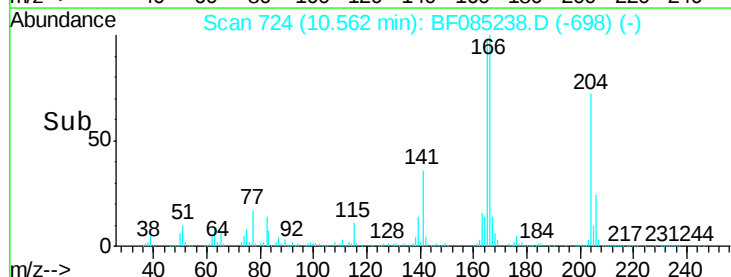
141 54.0 55.4 83.2#

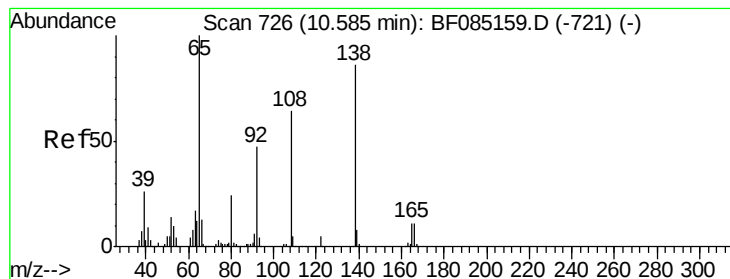


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.94 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

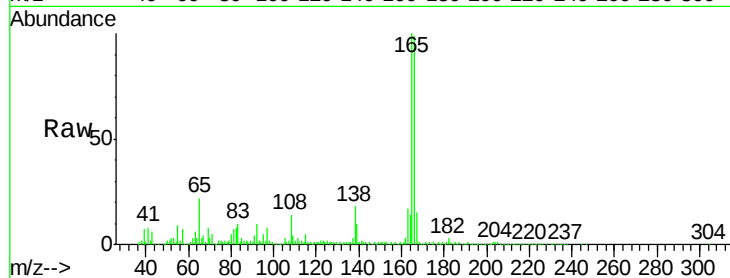
Tgt Ion:138 Resp: 185657

Ion Ratio Lower Upper

138 100

92 55.9 34.2 74.2

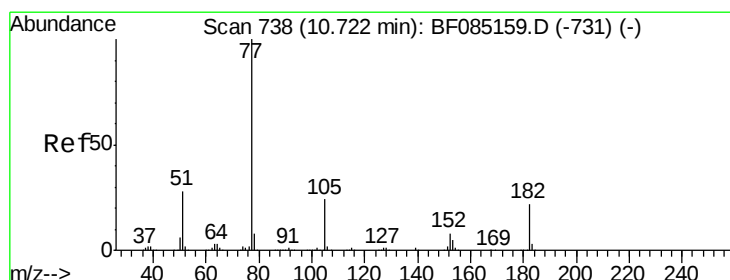
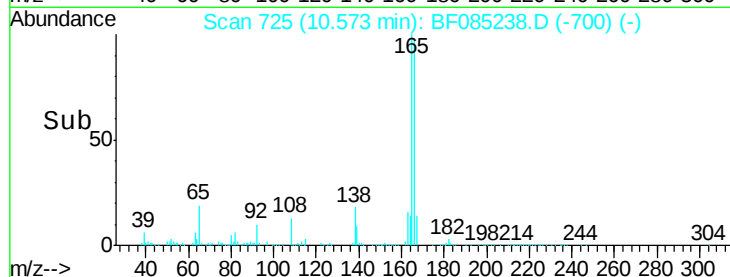
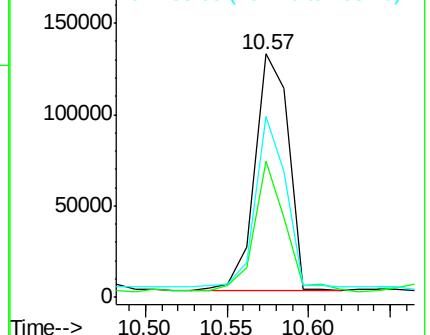
108 74.3 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 61.07 ng

RT: 10.72 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Tgt Ion: 77 Resp: 1054389

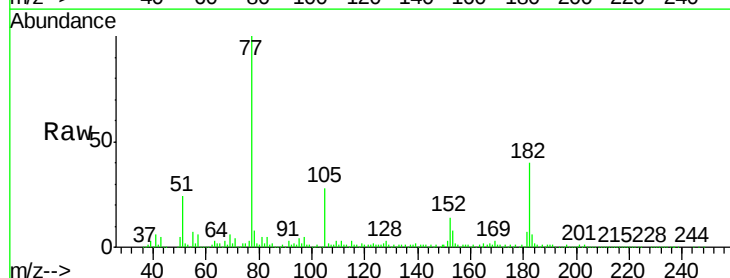
Ion Ratio Lower Upper

77 100

182 39.5 2.1 42.1

105 27.8 3.8 43.8

51 23.5 7.8 47.8

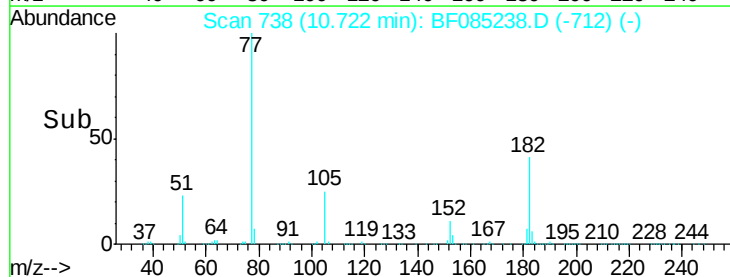
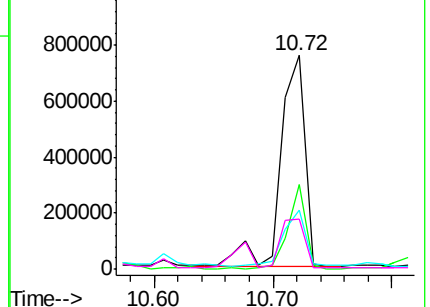


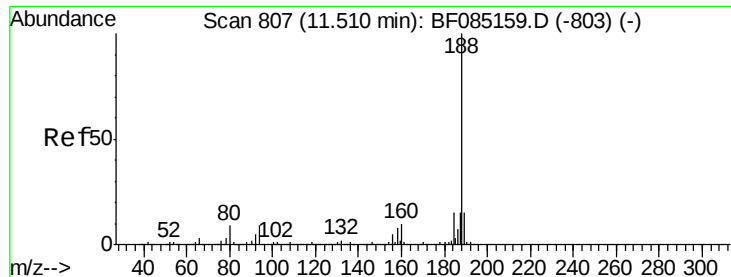
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

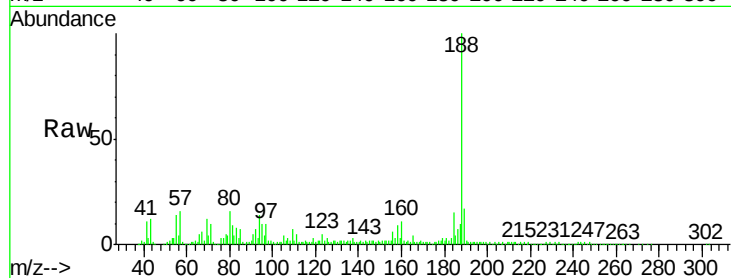




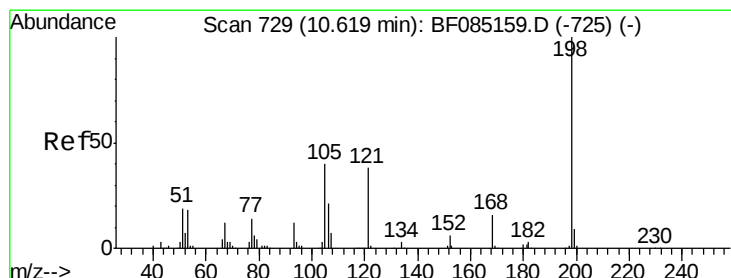
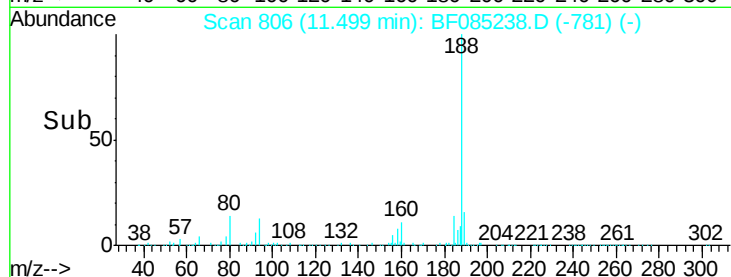
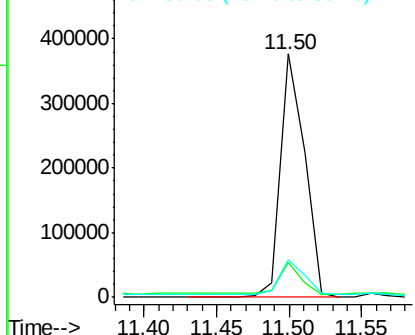
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 430924
Ion Ratio Lower Upper
188 100
94 14.1 7.0 10.6#
80 15.6 7.4 11.0#

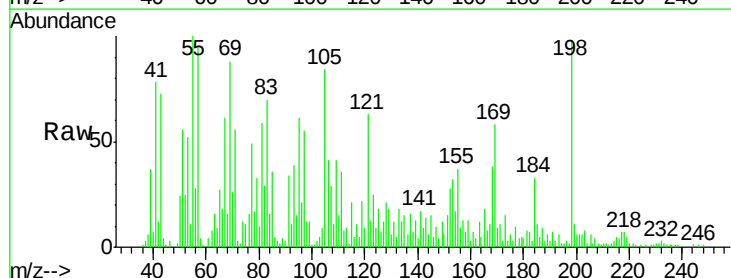


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

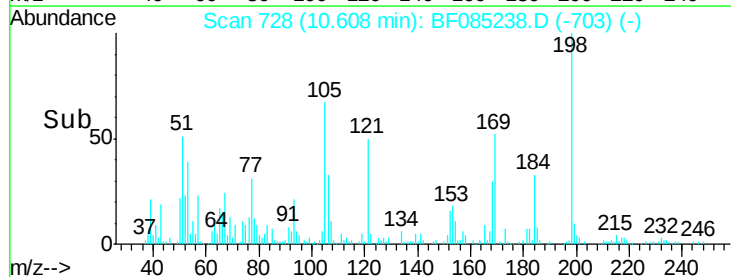
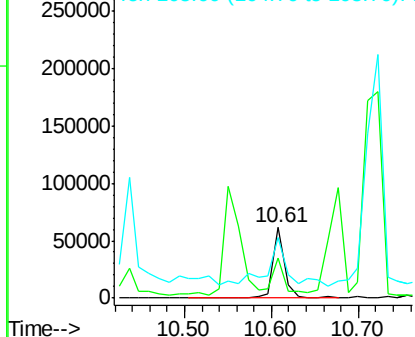


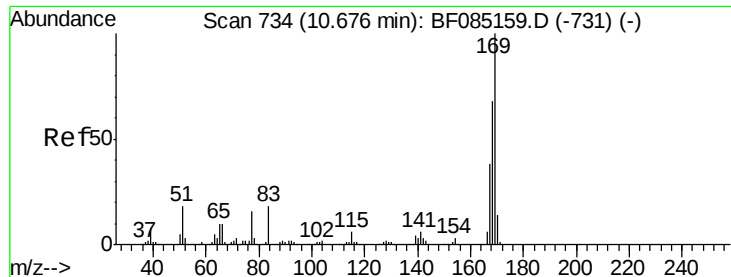
#64
4,6-Dinitro-2-methylphenol
Concen: 22.74 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:198 Resp: 58678
Ion Ratio Lower Upper
198 100
51 56.5 9.5 49.5#
105 85.8 20.5 60.5#



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

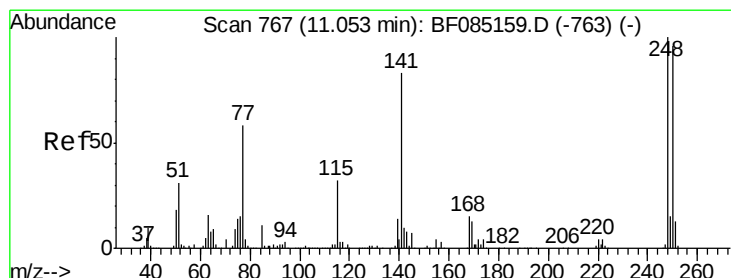
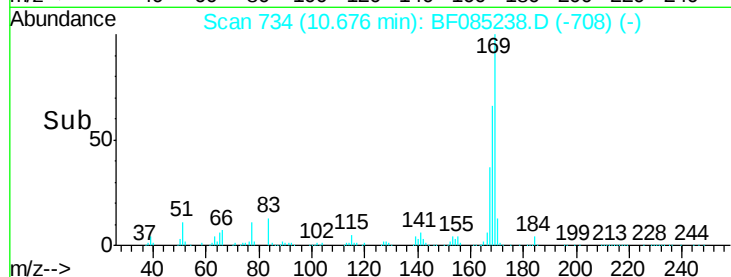
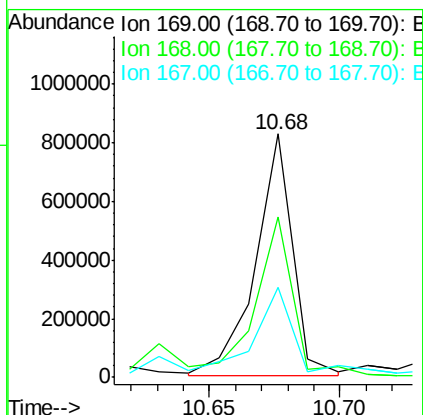
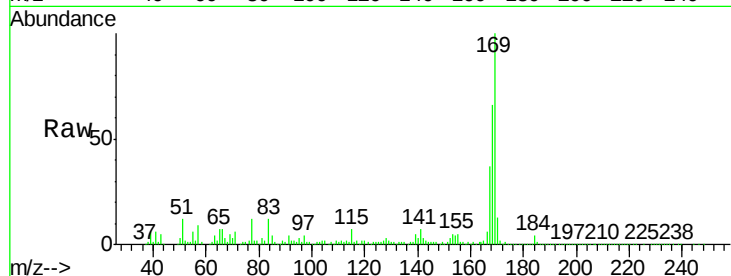




#65
n-Nitrosodiphenylamine
Concen: 61.42 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

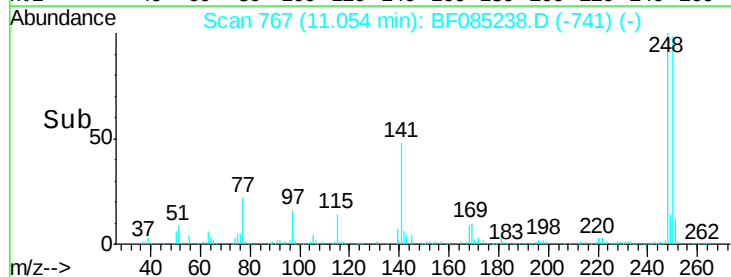
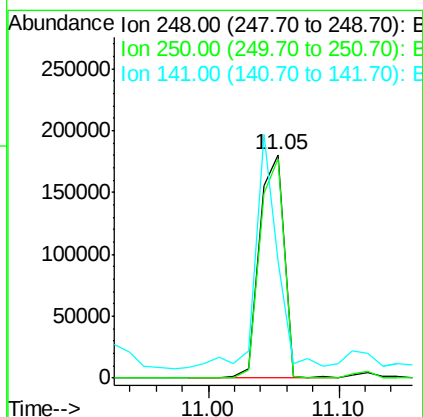
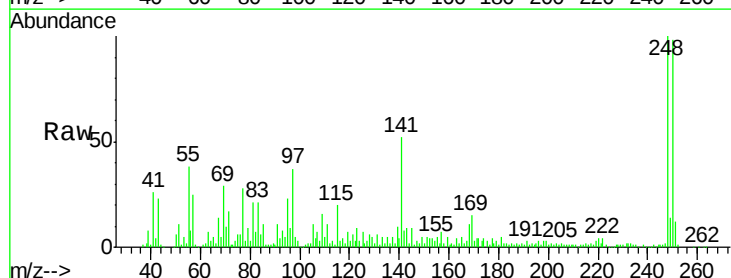
Instrument :
BNA_F
ClientSampled :

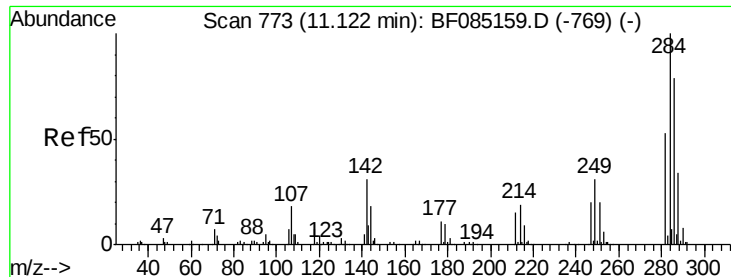
Tgt Ion:169 Resp: 823248
Ion Ratio Lower Upper
169 100
168 65.7 54.8 82.2
167 36.8 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 57.28 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:248 Resp: 239682
Ion Ratio Lower Upper
248 100
250 98.2 77.1 115.7
141 52.4 66.2 99.2#

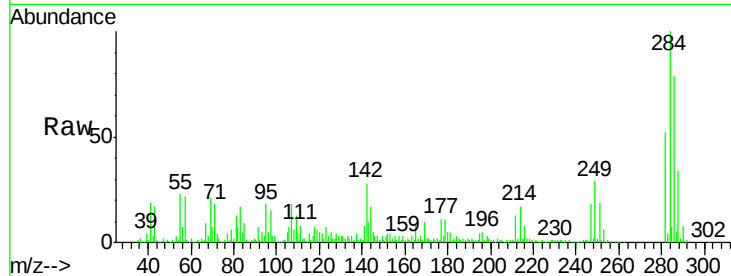




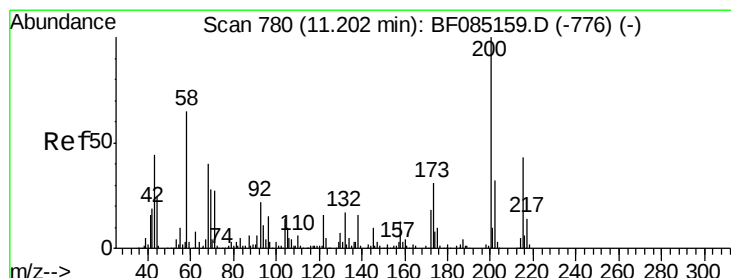
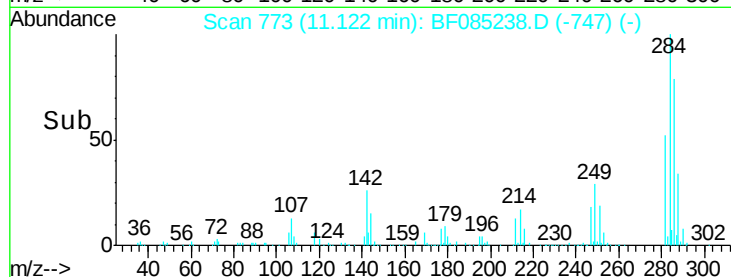
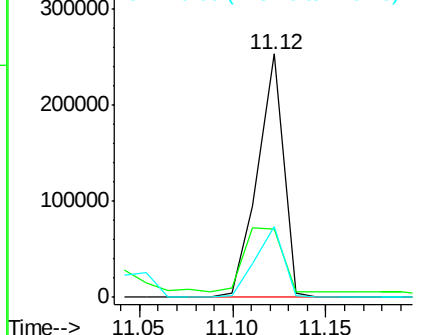
#67
Hexachlorobenzene
Concen: 54.89 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	24.9	37.3
249	29.3	25.0	37.4

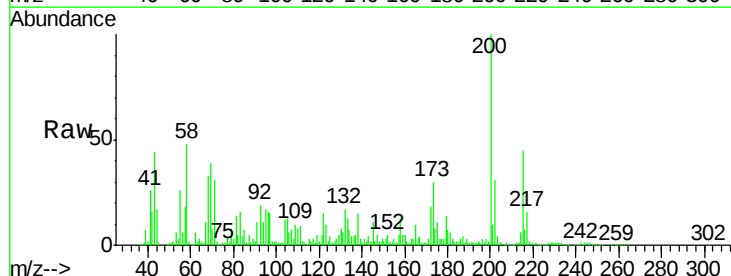


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

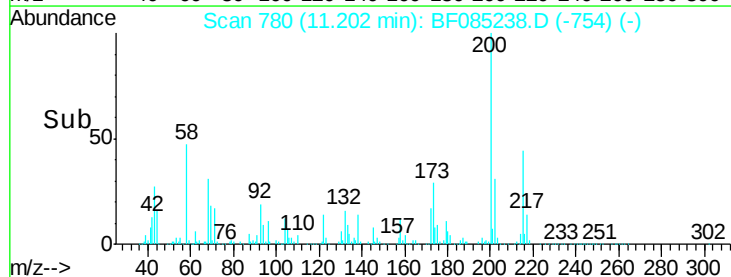
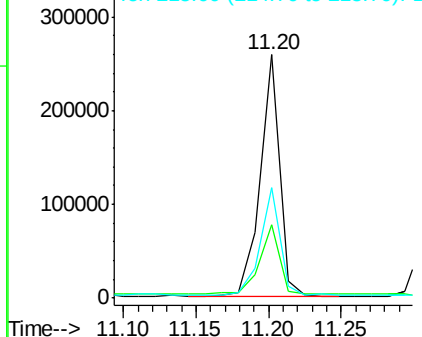


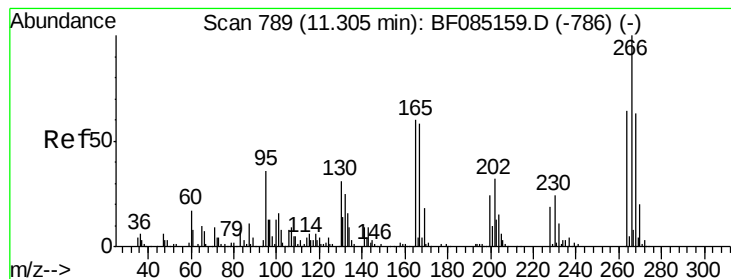
#68
Atrazine
Concen: 65.10 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	10.5	50.5
215	45.4	23.4	63.4



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





#69

Pentachlorophenol

Concen: 97.14 ng

RT: 11.30 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

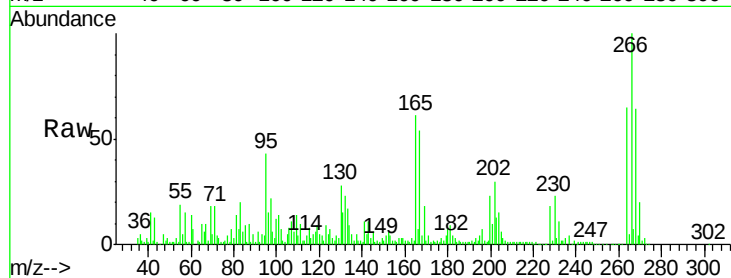
Tgt Ion:266 Resp: 240687

Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

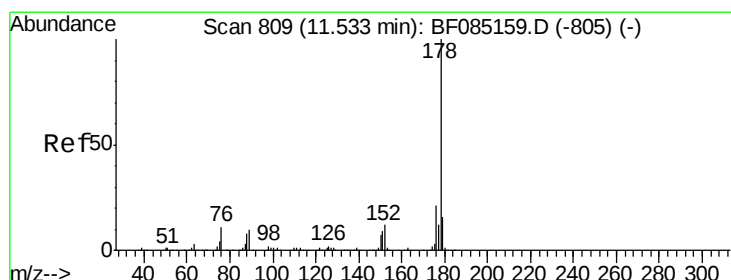
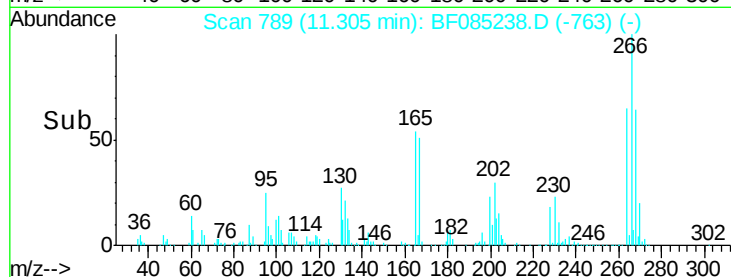
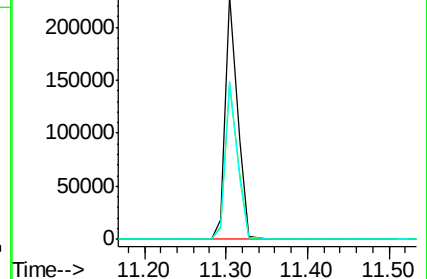
264 64.9 51.4 77.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 83.68 ng

RT: 11.53 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

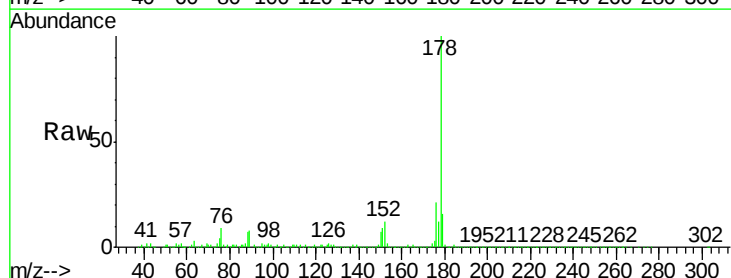
Tgt Ion:178 Resp: 1889775

Ion Ratio Lower Upper

178 100

176 20.9 16.8 25.2

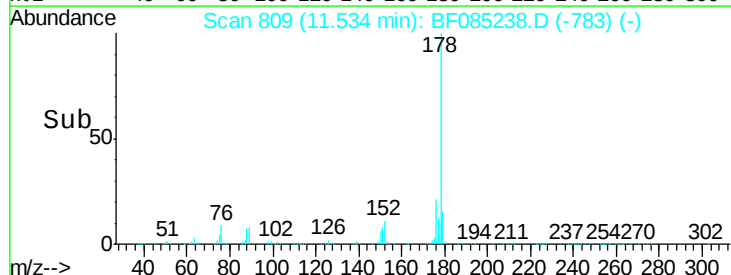
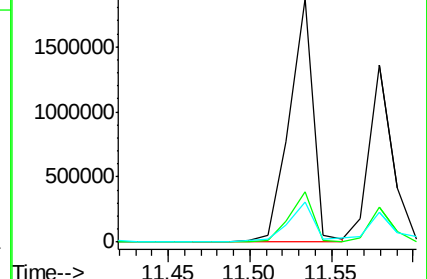
179 16.5 13.1 19.7

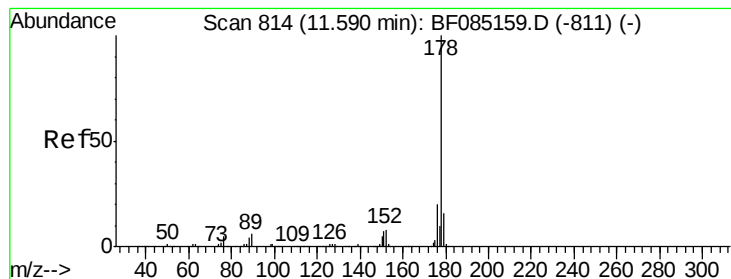


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 58.48 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

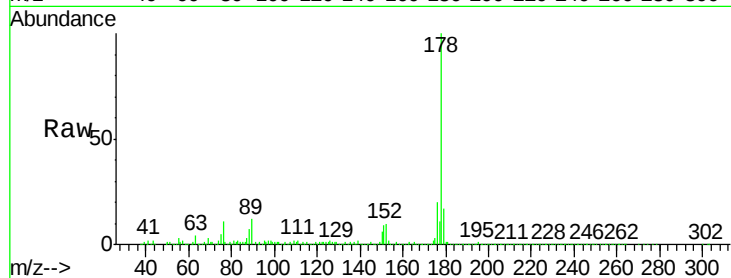
Tgt Ion:178 Resp: 1401998

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

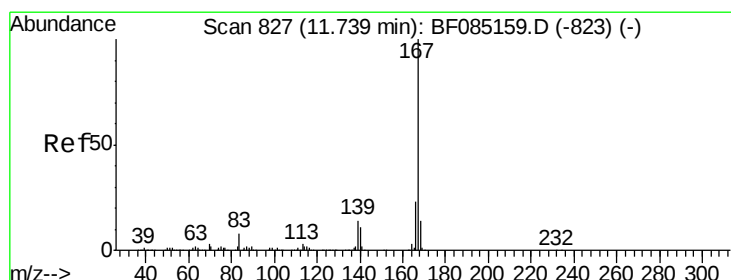
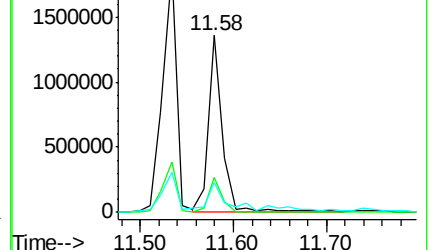
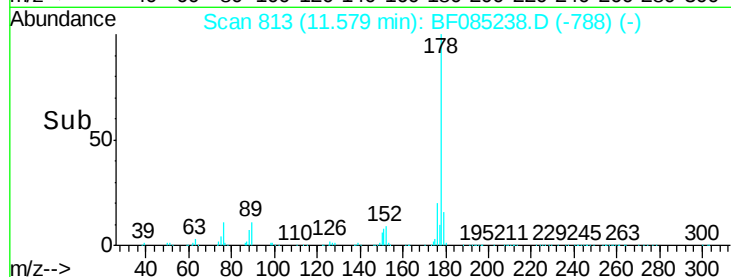
179 16.8 12.5 18.7



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



#72

Carbazole

Concen: 46.06 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

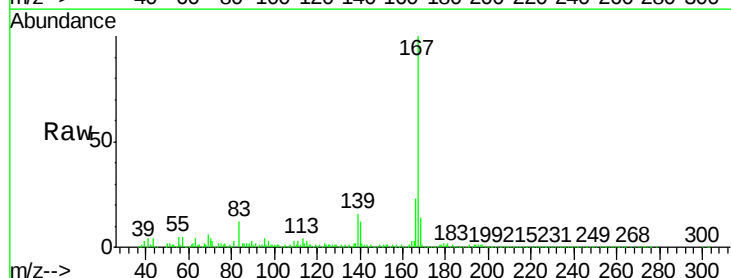
Tgt Ion:167 Resp: 968374

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

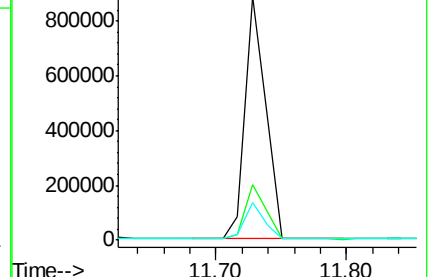
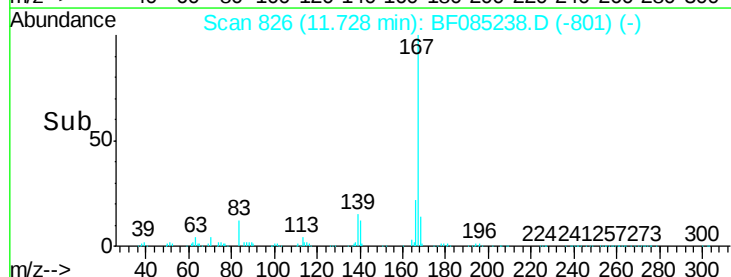
139 15.6 11.4 17.0

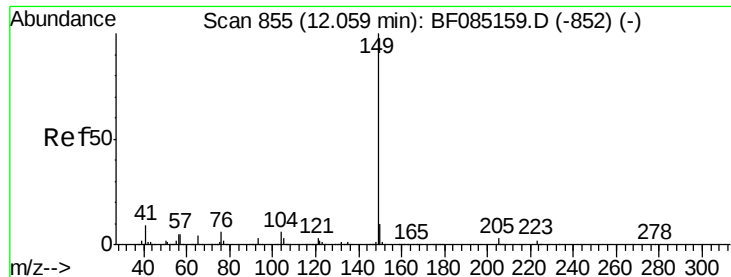


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.30 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

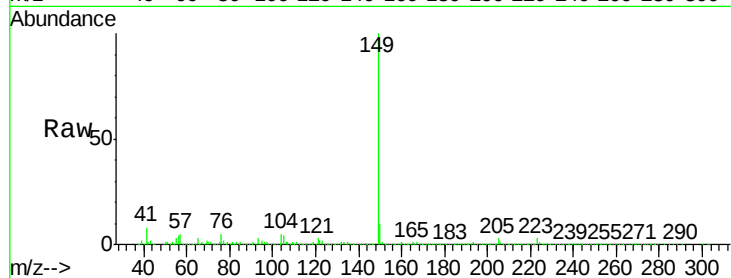
Tgt Ion:149 Resp: 1177066

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

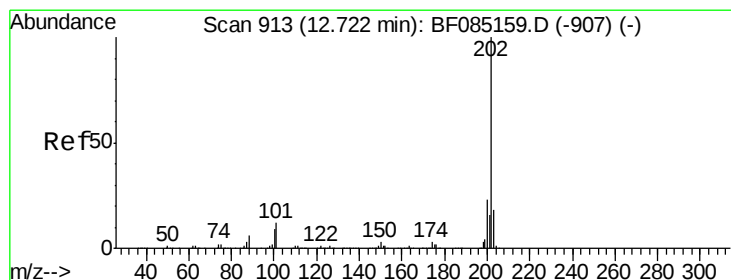
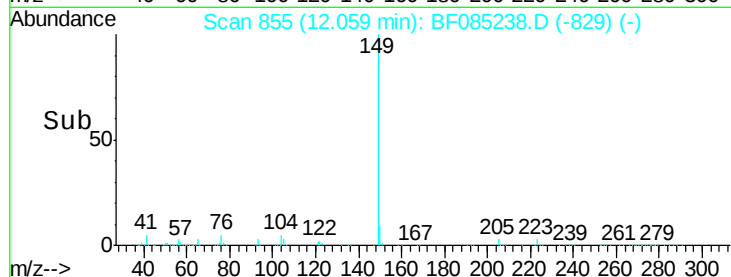
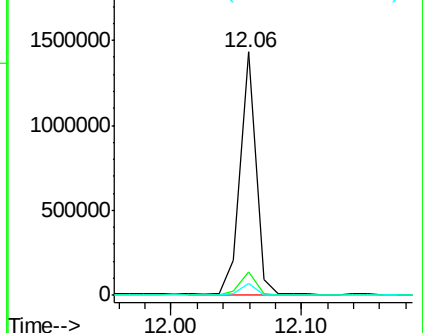
104 5.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 92.21 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

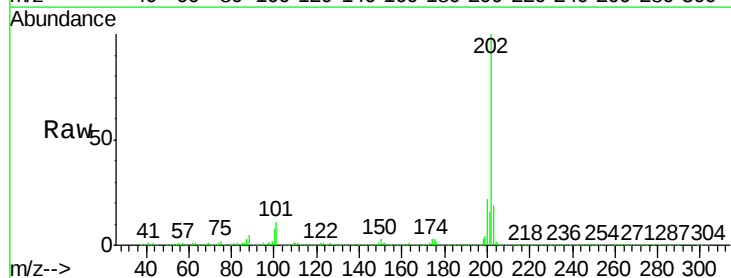
Tgt Ion:202 Resp: 2089868

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.8

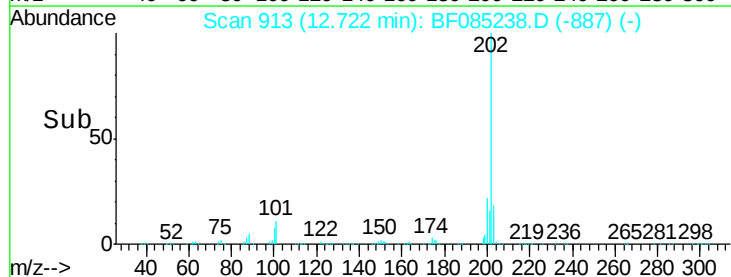
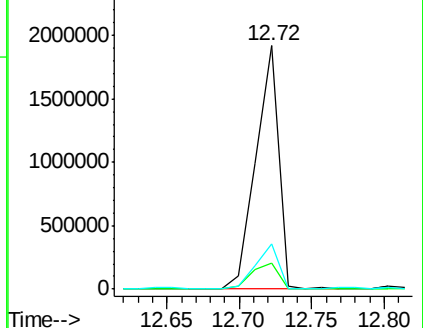
203 18.5 0.0 38.4

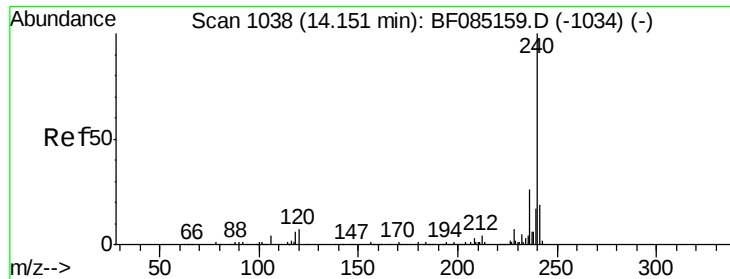


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

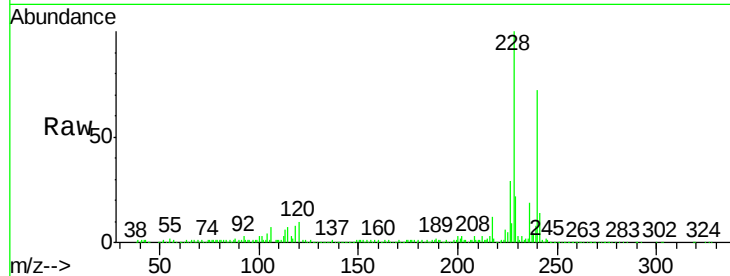
Tgt Ion:240 Resp: 267194

Ion Ratio Lower Upper

240 100

120 13.9 5.3 7.9#

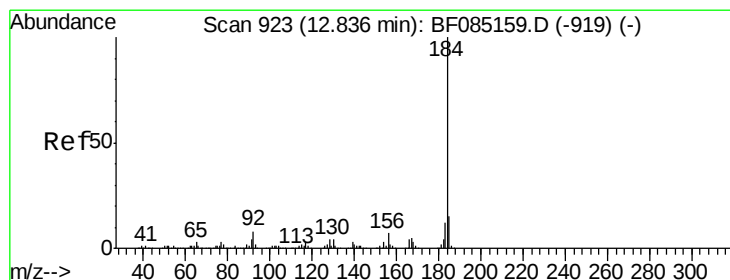
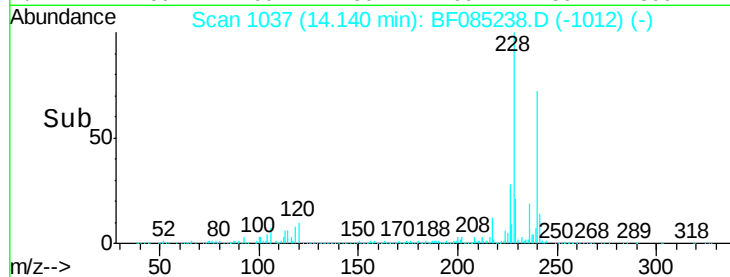
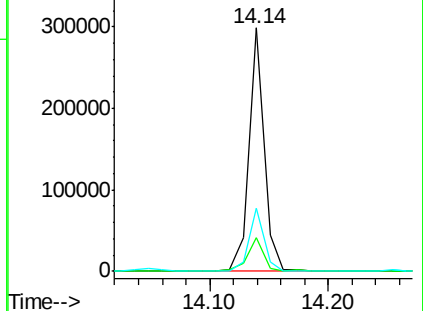
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.27 ng

RT: 12.84 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

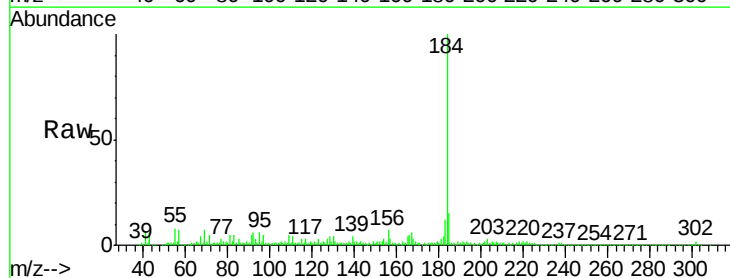
Tgt Ion:184 Resp: 328197

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

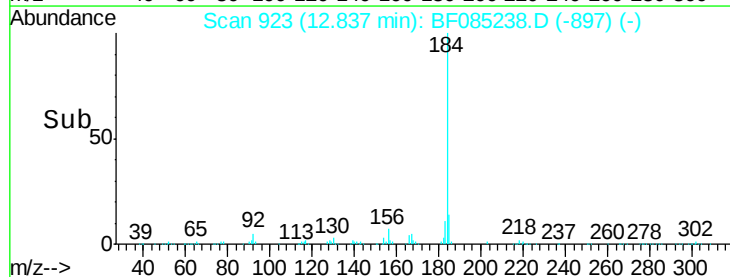
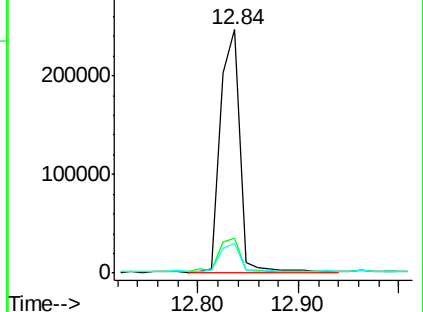
183 12.2 9.4 14.2

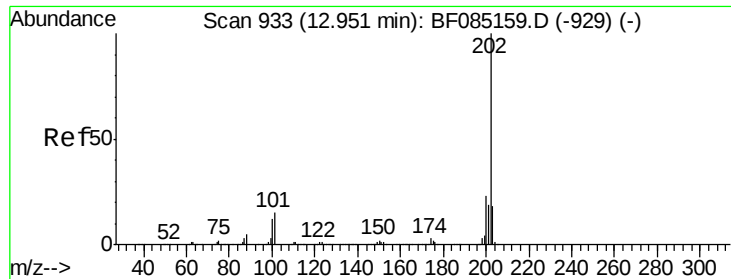


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

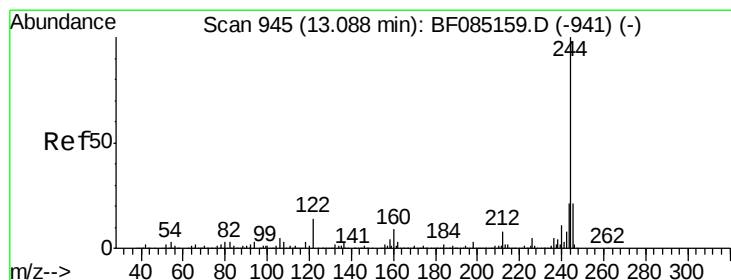
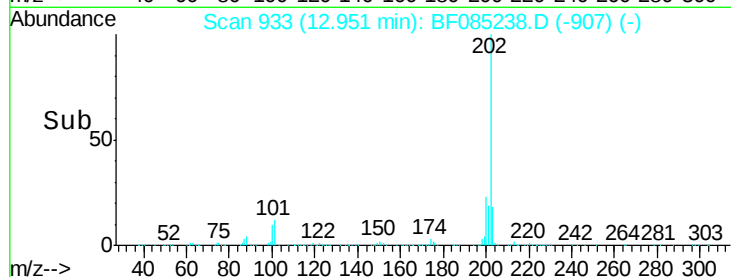
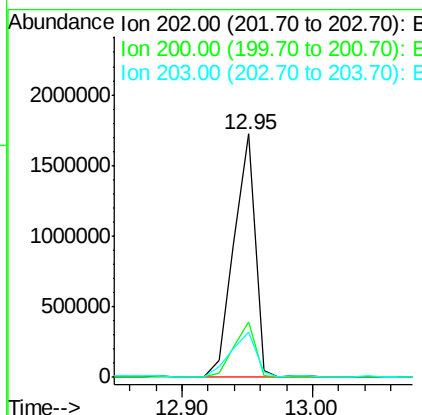
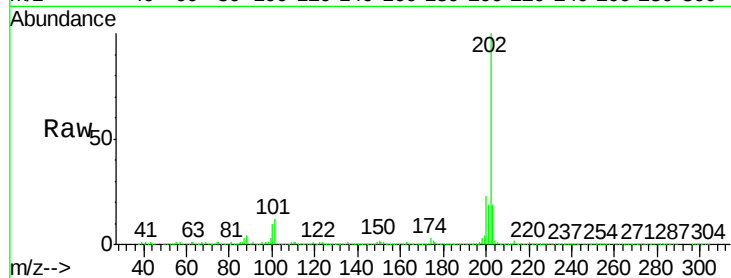




#77
 Pyrene
 Concen: 96.51 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

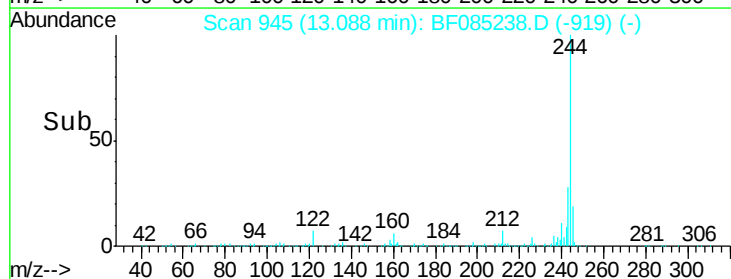
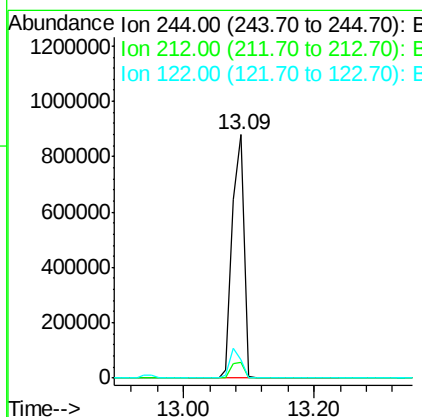
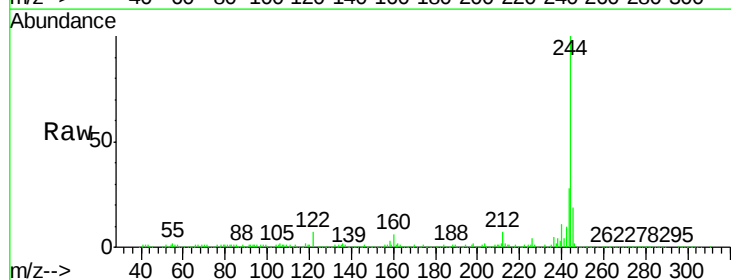
Instrument :
 BNA_F
 ClientSampleId :

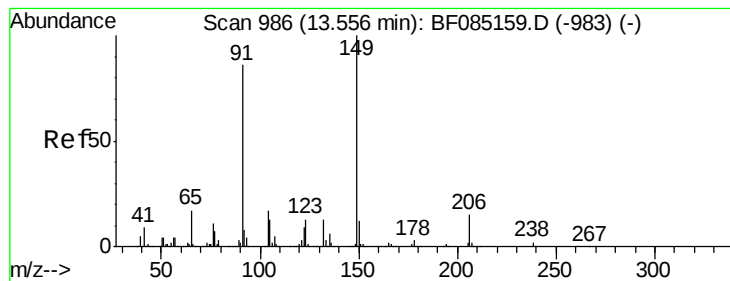
Tgt Ion:202 Resp: 1940821
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.2 27.4
 203 18.7 14.7 22.1



#78
 Terphenyl-d14
 Concen: 93.22 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:244 Resp: 1072911
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 7.3 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 52.05 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

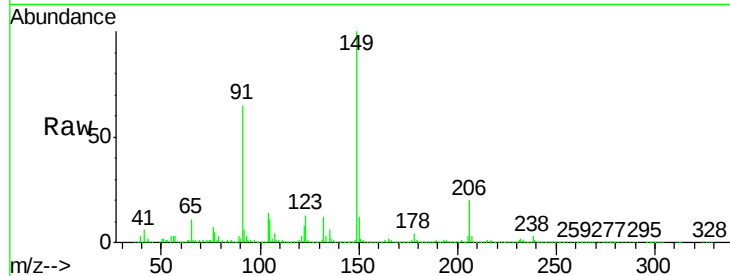
Tgt Ion:149 Resp: 474947

Ion Ratio Lower Upper

149 100

91 64.8 69.0 103.4#

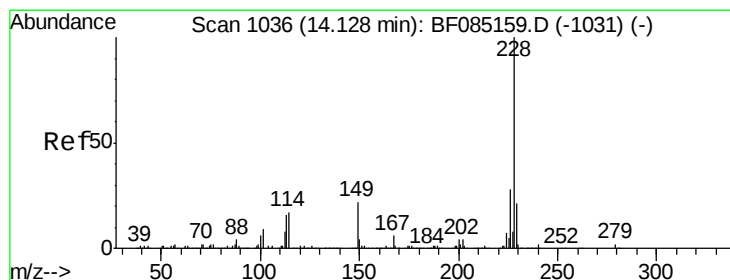
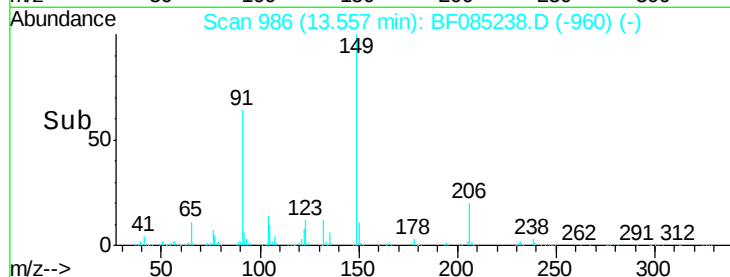
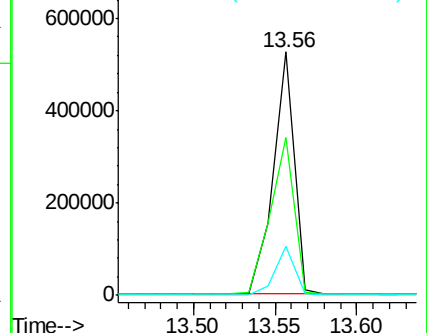
206 20.1 12.3 18.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 84.31 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

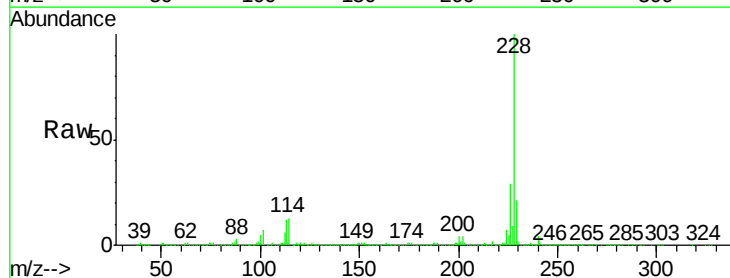
Tgt Ion:228 Resp: 1348507

Ion Ratio Lower Upper

228 100

226 29.4 22.8 34.2

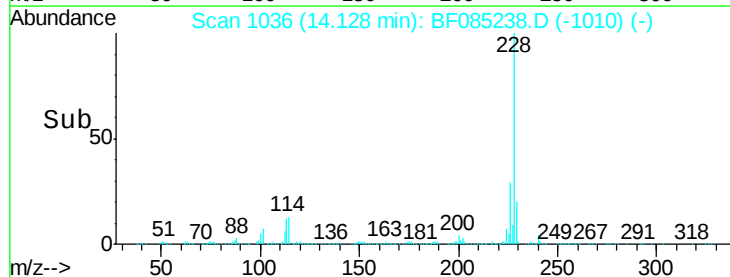
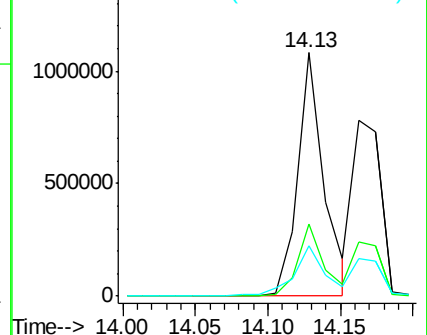
229 20.7 16.6 24.8

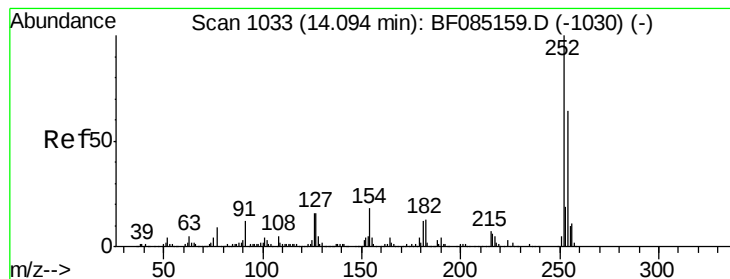


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

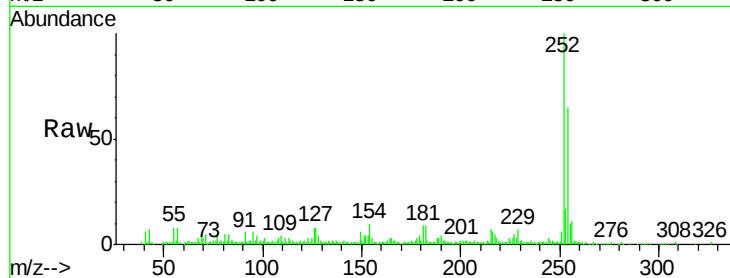




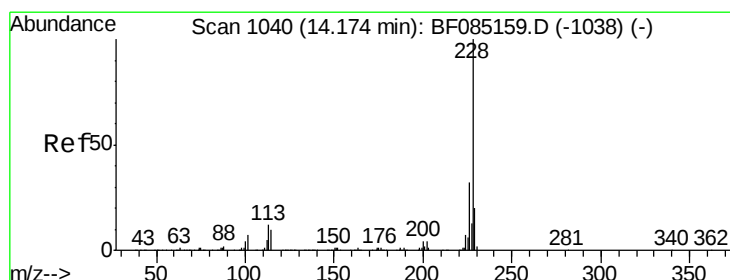
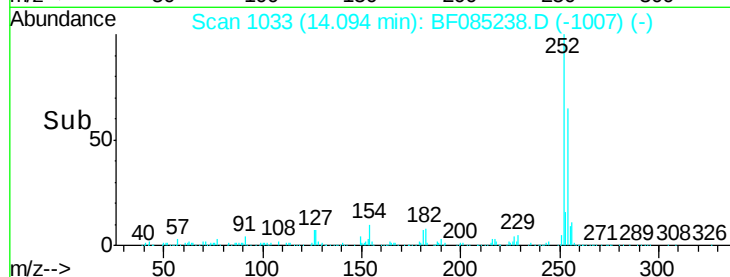
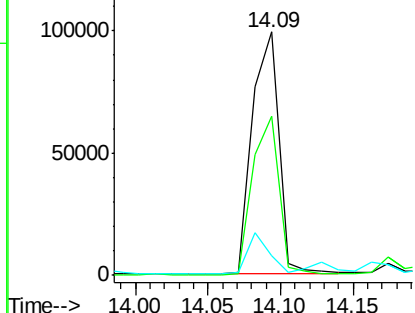
#81
 3,3'-Dichlorobenzidine
 Concen: 25.09 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 252 Resp: 126610
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.4 77.0
 126 7.8 12.9 19.3#

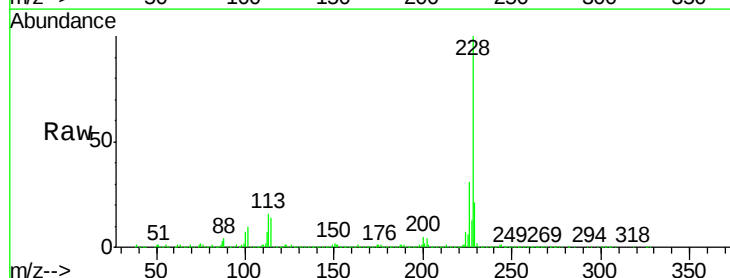


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

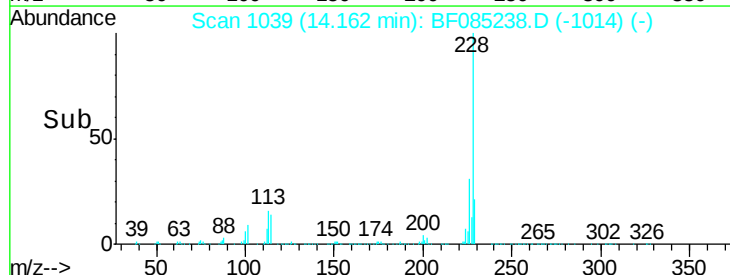
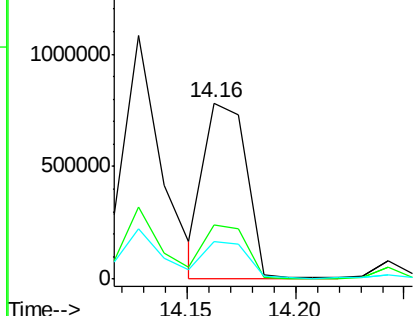


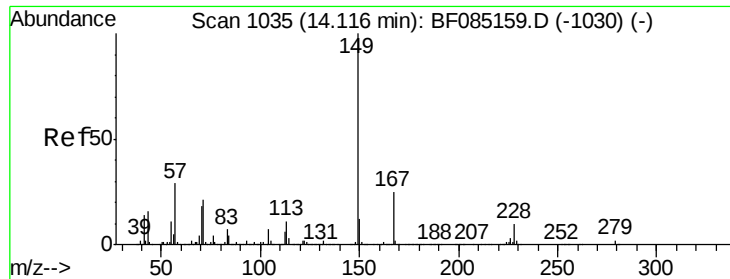
#82
 Chrysene
 Concen: 71.44 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion: 228 Resp: 1055605
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.2 37.8
 229 21.3 16.0 24.0



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

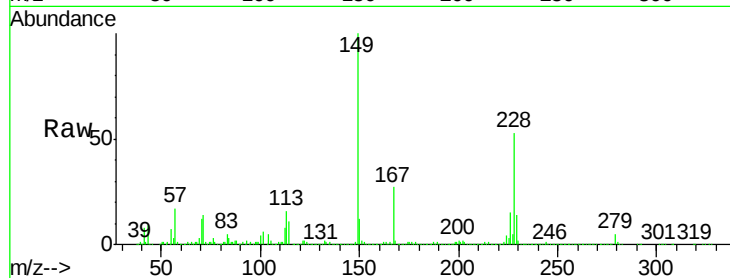




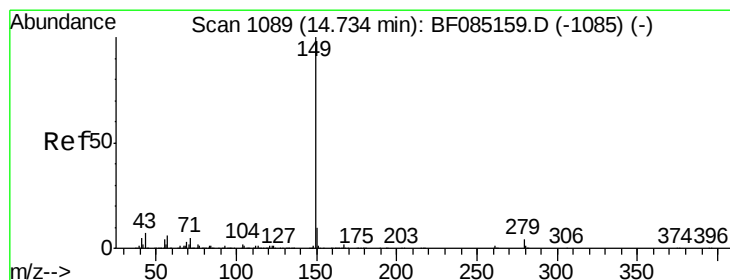
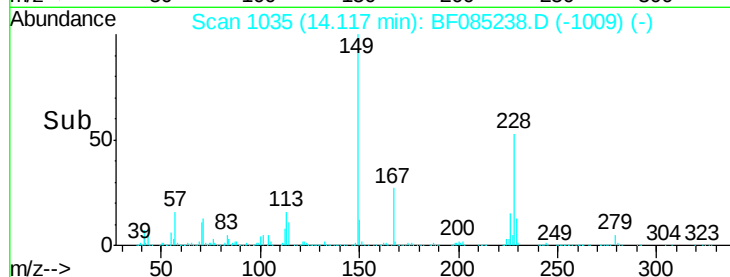
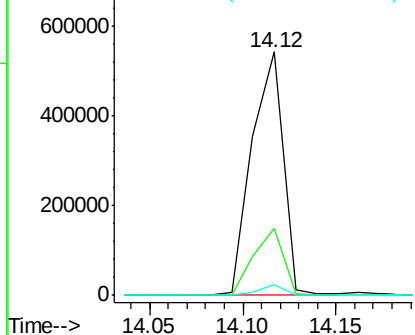
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.06 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 625168
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.3 30.5
 279 4.6 1.9 2.9#

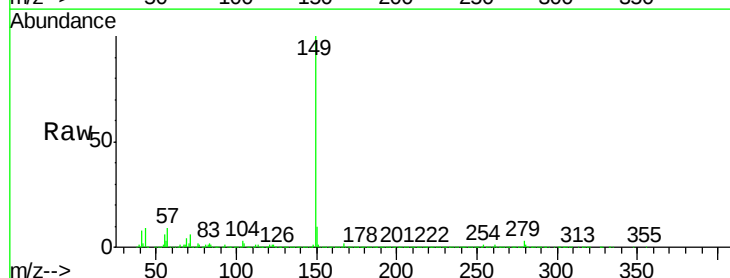


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

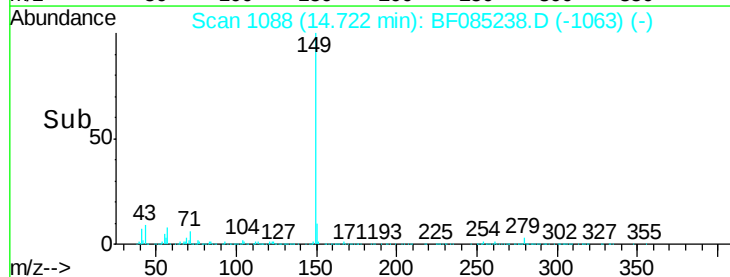
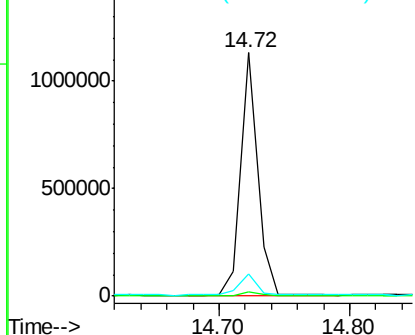


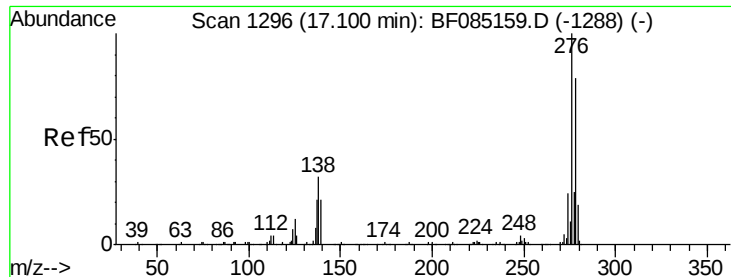
#84
 Di-n-octyl phthalate
 Concen: 55.51 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:149 Resp: 1015101
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.1 1.7
 43 9.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

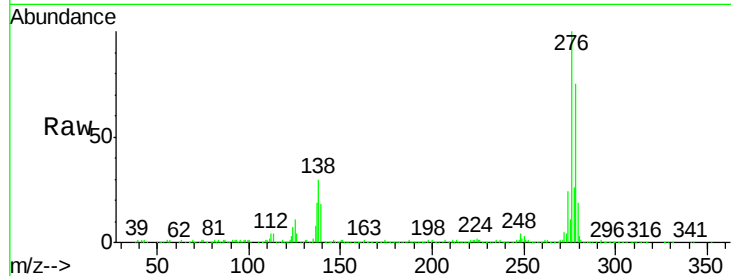




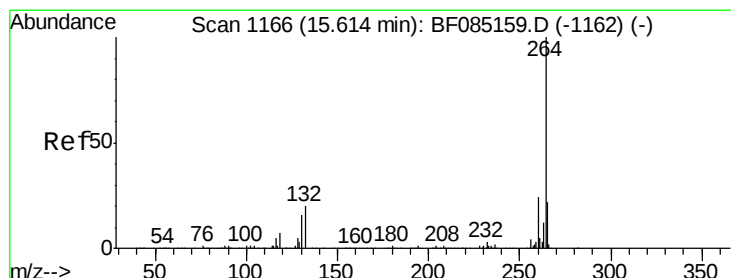
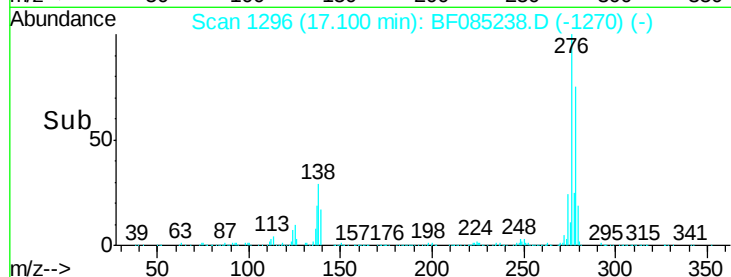
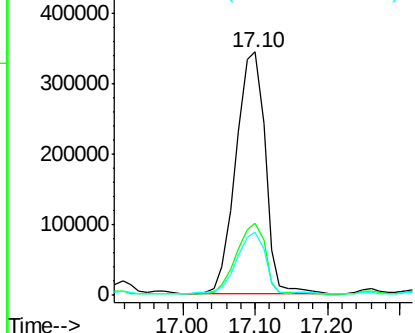
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 84.27 ng
 RT: 17.10 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:276 Resp: 971764
 Ion Ratio Lower Upper
 276 100
 138 29.6 26.4 39.6
 277 24.9 20.2 30.2

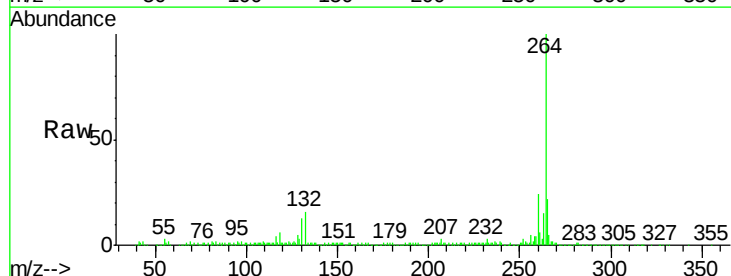


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

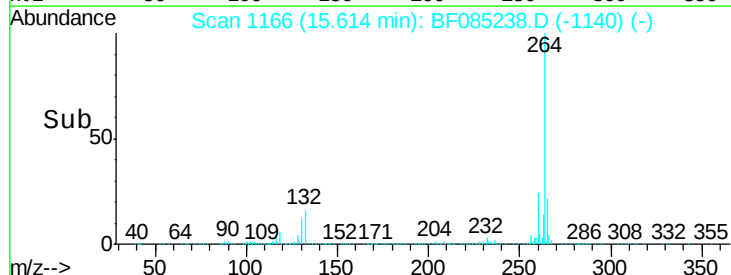
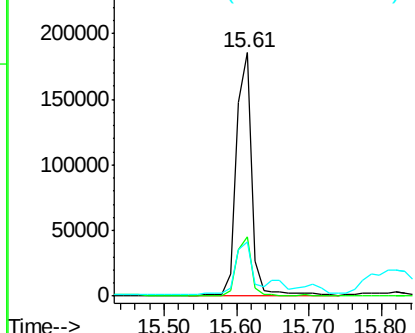


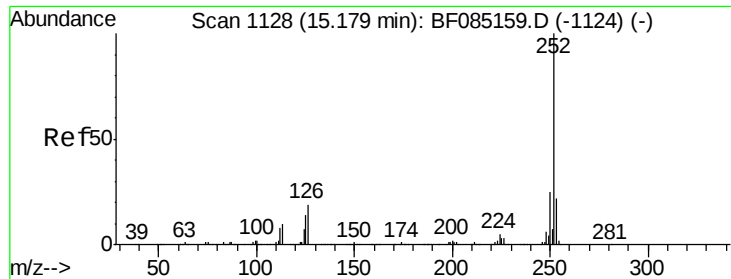
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion:264 Resp: 270602
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

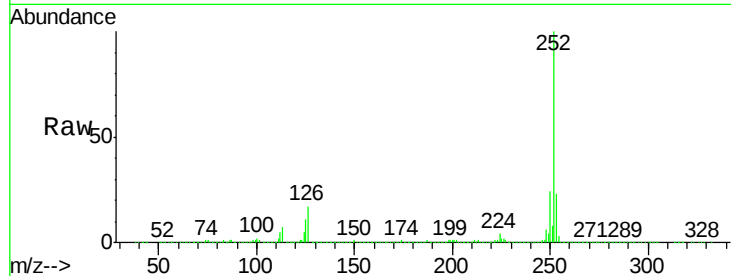




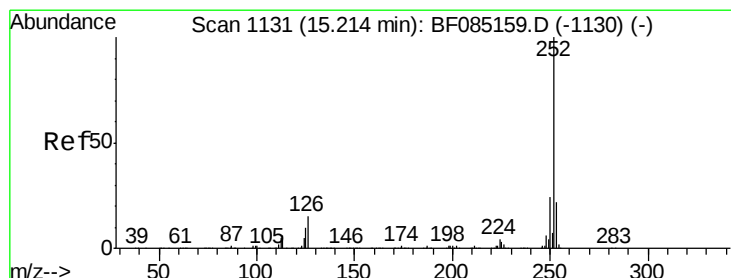
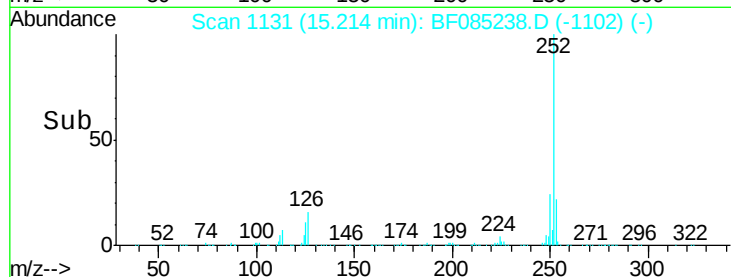
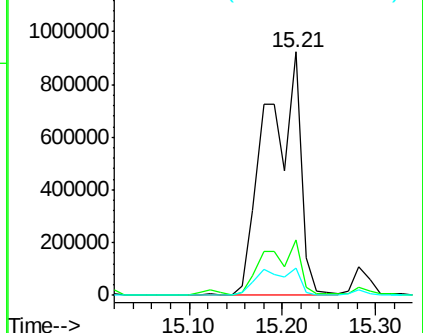
#87
Benzo(b)fluoranthene
Concen: 127.85 ng
RT: 15.21 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2306011
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.3 11.3 16.9#

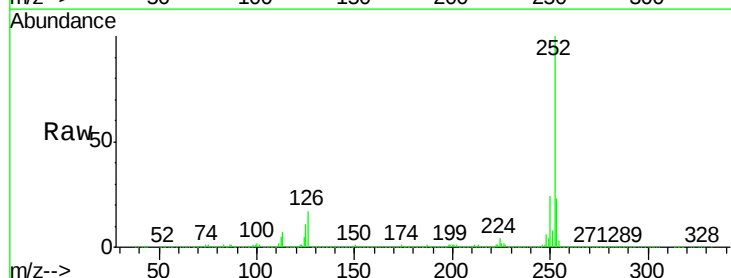


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

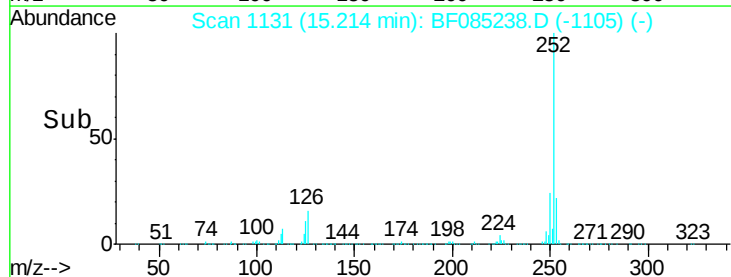
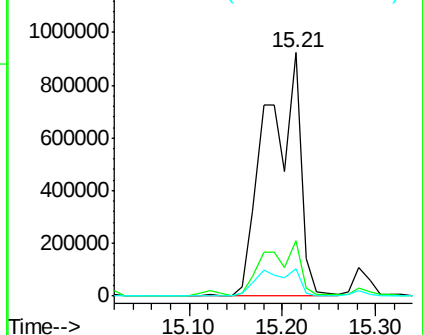


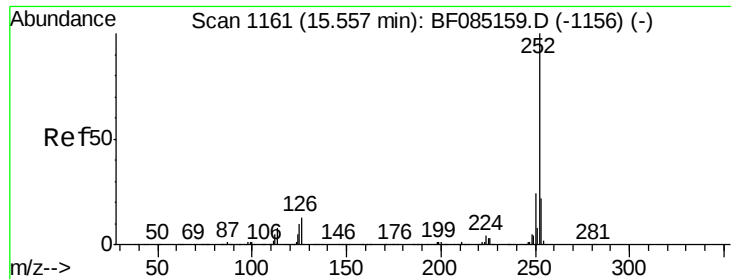
#88
Benzo(k)fluoranthene
Concen: 158.51 ng
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:252 Resp: 2306011
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.3 10.4 15.6



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

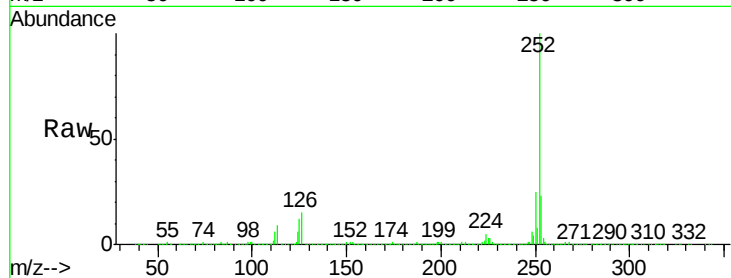




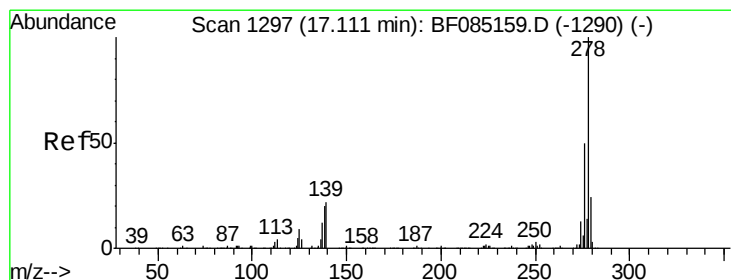
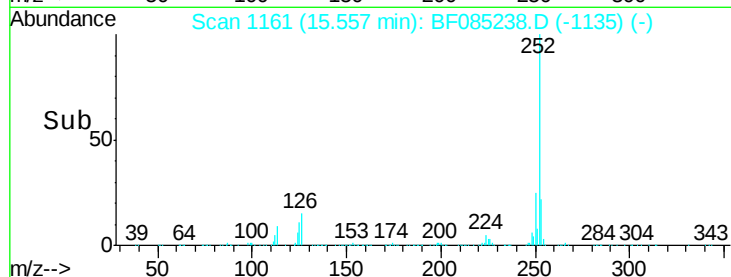
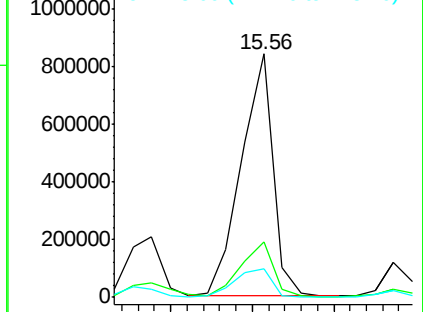
#89
Benzo(a)pyrene
Concen: 76.44 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1142555
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 11.6 8.2 12.4

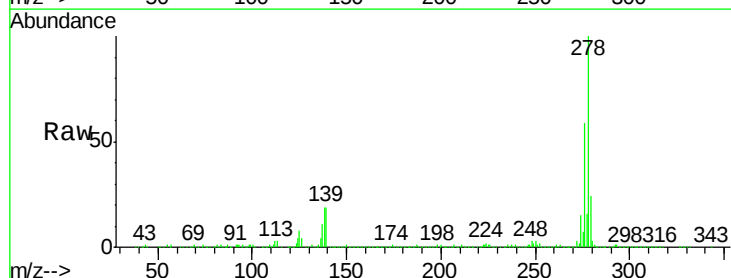


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

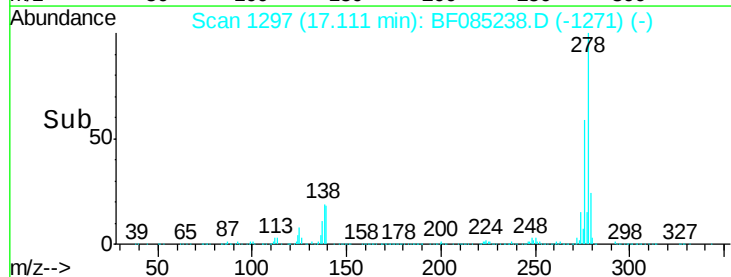
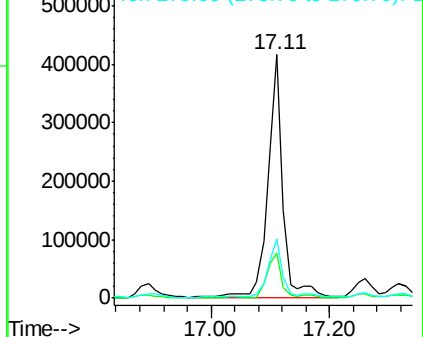


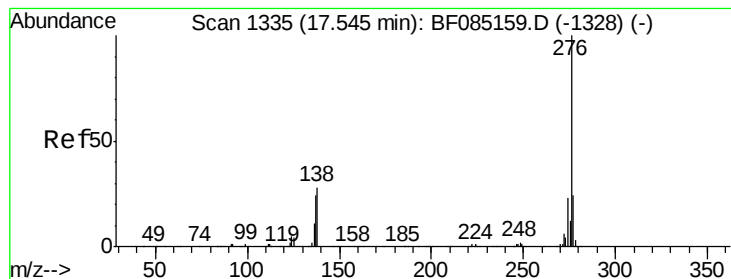
#90
Dibenzo(a,h)anthracene
Concen: 57.04 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:278 Resp: 727753
Ion Ratio Lower Upper
278 100
139 18.7 17.3 25.9
279 24.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 61.39 ng

RT: 17.55 min Scan# 1335

Delta R.T. 0.00 min

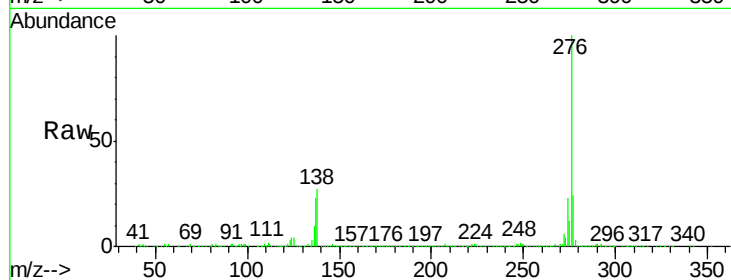
Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :



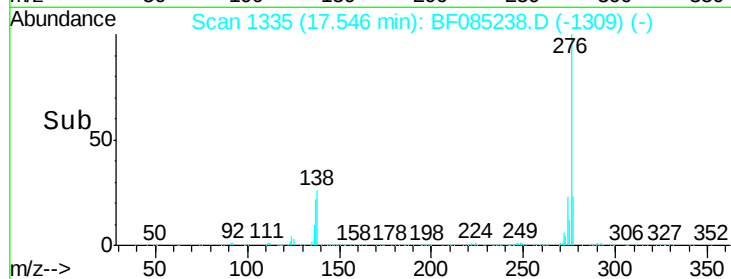
Tgt Ion: 276 Resp: 787513

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 26.9 22.5 33.7



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

