

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083806.D
 Acq On : 15 Dec 2015 9:10
 Operator : UM/IZ
 Sample : PB87256BSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

Quant Time: Dec 15 10:37:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	106559	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	418666	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	207283	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	398989	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	310489	20.00	ng	-0.02
86) Perylene-d12	15.48	264	252937	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	615683	93.21	ng	-0.01
7) Phenol-d6	6.53	99	697601	83.40	ng	-0.01
23) Nitrobenzene-d5	7.46	82	650510	86.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	192084	90.94	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1138310	78.66	ng	-0.02
78) Terphenyl-d14	13.00	244	1126642	78.05	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	107505	33.66	ng	# 81
3) Pyridine	3.32	79	328782	40.91	ng	# 81
4) n-Nitrosodimethylamine	3.26	42	127321	41.88	ng	# 66
6) Aniline	6.56	93	231551	20.38	ng	90
8) 2-Chlorophenol	6.68	128	334564	43.10	ng	91
9) Benzaldehyde	6.44	77	129677	28.87	ng	87
10) Phenol	6.54	94	380419	39.51	ng	79
11) bis(2-Chloroethyl)ether	6.64	93	321158	46.06	ng	87
12) 1,3-Dichlorobenzene	6.84	146	352723	42.82	ng	98
13) 1,4-Dichlorobenzene	6.92	146	367531	44.15	ng	94
14) 1,2-Dichlorobenzene	7.07	146	316054	42.25	ng	97
15) Benzyl Alcohol	7.04	79	296672	48.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	351401	38.81	ng	71
17) 2-Methylphenol	7.16	107	292202	46.82	ng	# 83
18) Hexachloroethane	7.41	117	123058	41.63	ng	# 81
19) n-Nitroso-di-n-propylamine	7.32	70	232781	45.45	ng	# 82
20) 3+4-Methylphenols	7.31	107	317425	43.09	ng	# 68
22) Acetophenone	7.31	105	419573	40.85	ng	# 96
24) Nitrobenzene	7.48	77	341642	43.86	ng	# 87
25) Isophorone	7.72	82	617184	42.04	ng	# 95
26) 2-Nitrophenol	7.80	139	191634	51.22	ng	# 78
27) 2,4-Dimethylphenol	7.84	122	317155	43.14	ng	97
28) bis(2-Chloroethoxy)methane	7.94	93	400033	47.75	ng	# 96
29) 2,4-Dichlorophenol	8.04	162	282353	46.78	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	277420	44.32	ng	97
31) Naphthalene	8.21	128	977491	44.79	ng	100
32) Benzoic acid	7.96	122	213555	46.61	ng	91
34) Hexachlorobutadiene	8.33	225	149569	43.55	ng	99
35) Caprolactam	8.62	113	69885	36.06	ng	# 62
36) 4-Chloro-3-methylphenol	8.74	107	323693	45.85	ng	94
37) 2-Methylnaphthalene	8.90	142	630331	46.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	275937	45.13	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	297045	95.86	ng	100
42) 2,4,6-Trichlorophenol	9.17	196	200148	44.72	ng	99

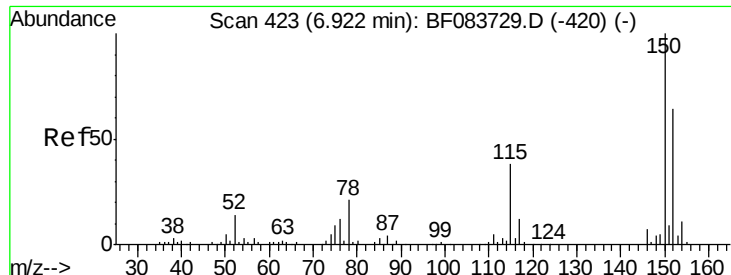
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	207337	48.83	nq	97
45) 1,1'-Biphenyl	9.37	154	817078	44.48	nq	96
46) 2-Chloronaphthalene	9.39	162	617775	45.56	nq	96
47) 2-Nitroaniline	9.48	65	199608	51.90	nq	# 56
48) Acenaphthylene	9.80	152	931578	40.83	nq	99
49) Dimethylphthalate	9.66	163	688652	42.61	nq	100
50) 2,6-Dinitrotoluene	9.72	165	158707	46.27	nq	# 85
51) Acenaphthene	9.97	154	656144	47.57	nq	100
52) 3-Nitroaniline	9.88	138	73628	18.62	nq	88
53) 2,4-Dinitrophenol	10.00	184	181376	91.49	nq	# 82
54) Dibenzofuran	10.14	168	811952	44.43	nq	# 91
55) 4-Nitrophenol	10.05	139	262812	89.76	nq	85
56) 2,4-Dinitrotoluene	10.12	165	221257	49.38	nq	# 85
57) Fluorene	10.49	166	601222	41.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	162536	51.04	nq	# 100
59) Diethylphthalate	10.36	149	712588	43.55	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	277989	42.36	nq	# 81
61) 4-Nitroaniline	10.50	138	161051	46.21	nq	88
62) Azobenzene	10.64	77	693528	46.50	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	121566	53.55	nq	# 76
65) n-Nitrosodiphenylamine	10.60	169	645215	47.28	nq	97
66) 4-Bromophenyl-phenylether	10.97	248	187067	41.93	nq	# 86
67) Hexachlorobenzene	11.04	284	206231	42.72	nq	96
68) Atrazine	11.13	200	192441	49.57	nq	98
69) Pentachlorophenol	11.23	266	244092	89.65	nq	98
70) Phenanthrene	11.45	178	927642	43.77	nq	98
71) Anthracene	11.50	178	1006596	45.73	nq	99
72) Carbazole	11.65	167	1023953	49.92	nq	96
73) Di-n-butylphthalate	11.99	149	1059367	42.53	nq	99
74) Fluoranthene	12.64	202	1091324	49.83	nq	96
76) Benzidine	12.75	184	313818	33.17	nq	96
77) Pyrene	12.87	202	1097645	44.73	nq	99
79) Butylbenzylphthalate	13.48	149	515256	48.92	nq	87
80) Benzo(a)anthracene	14.04	228	815940	46.21	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	197728	31.05	nq	# 96
82) Chrysene	14.08	228	764440	44.39	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	529302	44.15	nq	98
84) Di-n-octyl phthalate	14.65	149	906723	47.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.92	276	743662	43.97	nq	# 100
87) Benzo(b)fluoranthene	15.11	252	1443907	89.48	nq	# 98
88) Benzo(k)fluoranthene	15.11	252	1444884	98.82	nq	98
89) Benzo(a)pyrene	15.44	252	706588	49.07	nq	# 95
90) Dibenzo(a,h)anthracene	16.93	278	609166	42.54	nq	96
91) Benzo(g,h,i)perylene	17.35	276	632298	42.96	nq	99

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

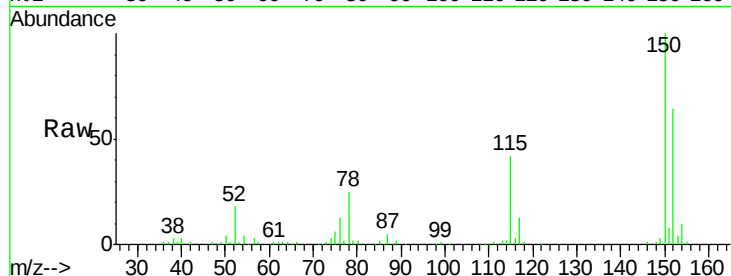


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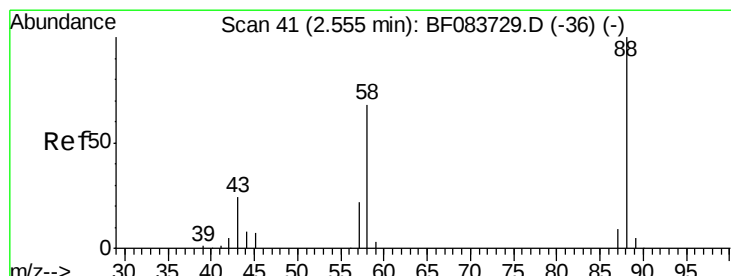
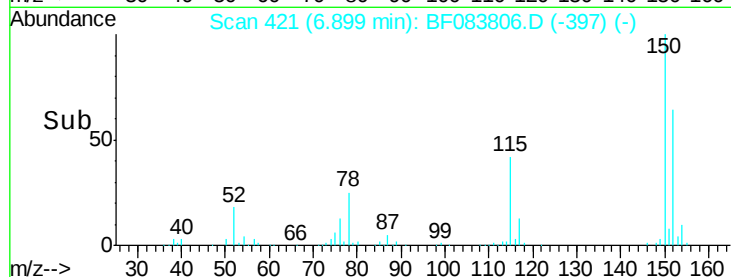
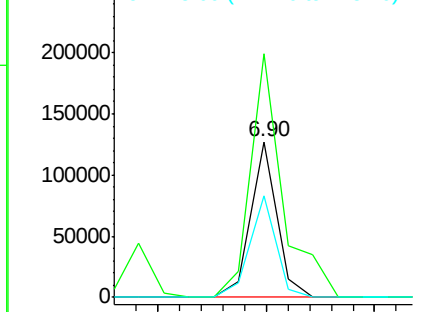
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.5	189.7
115	65.3	52.3	78.5



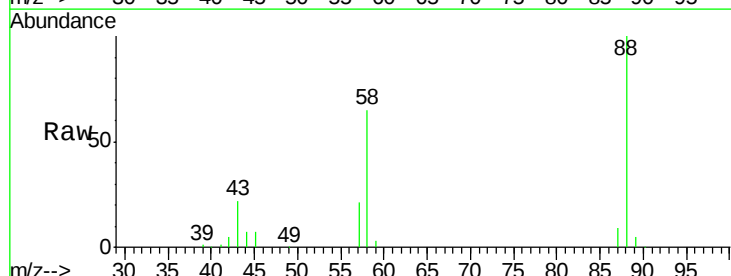
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



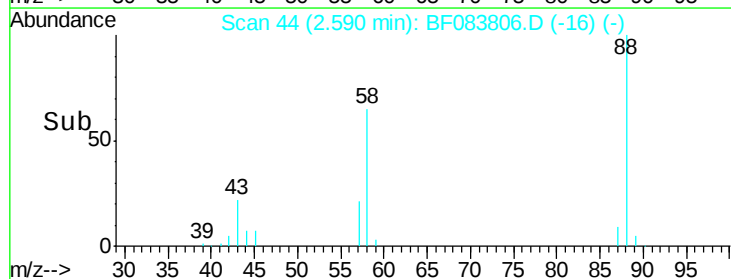
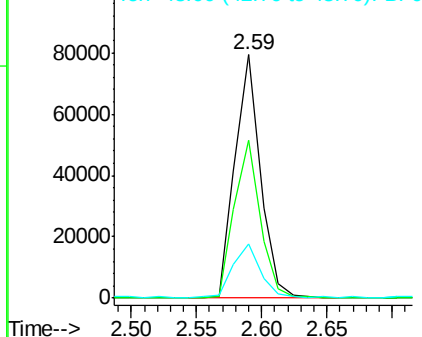
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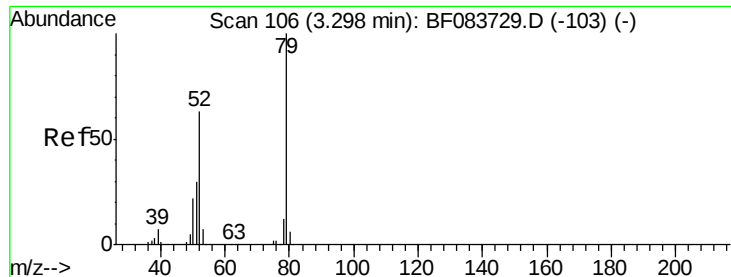
1,4-Dioxane
Concen: 33.66 ng
RT: 2.59 min Scan# 44
Delta R.T. 0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	68.0	102.0#
43	26.3	27.9	41.9#



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





#3

Pvridine

Concen: 40.91 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

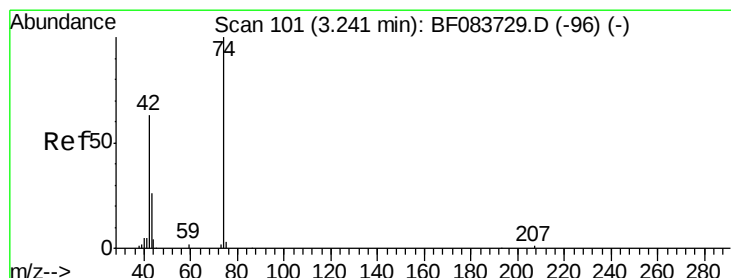
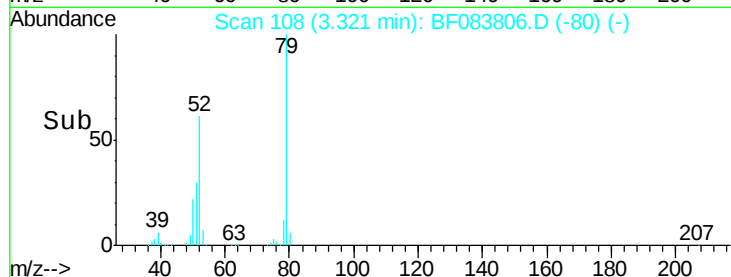
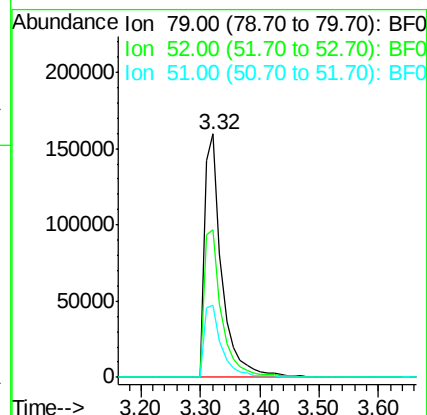
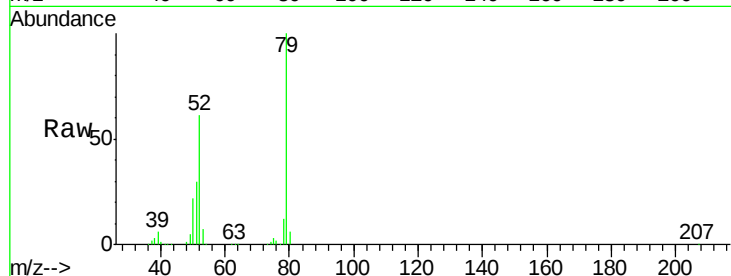
Tot Ion: 79 Resp: 328782

Ion Ratio Lower Upper

79 100

52 60.7 63.7 95.5#

51 29.6 30.6 45.8#



#4

n-Nitrosodimethylamine

Concen: 41.88 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

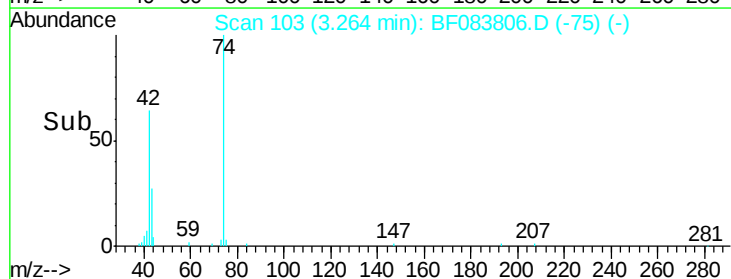
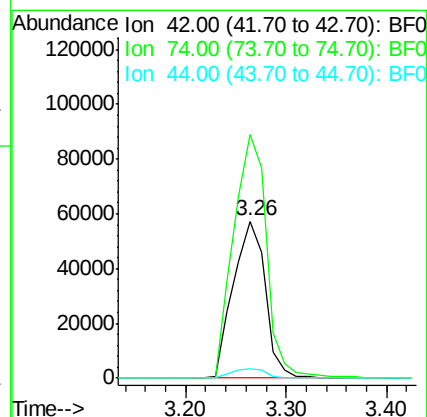
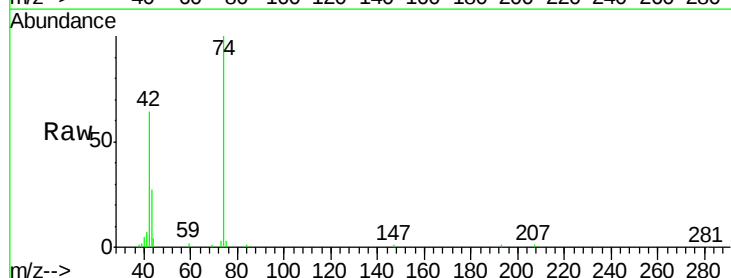
Tgt Ion: 42 Resp: 127321

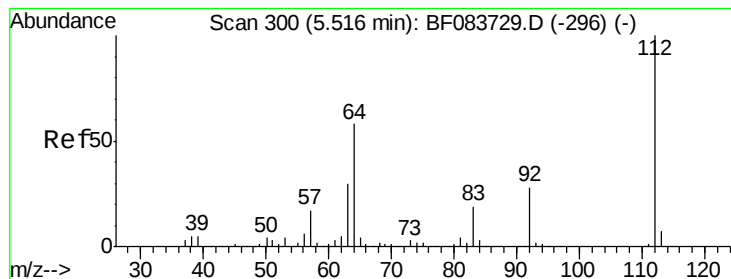
Ion Ratio Lower Upper

42 100

74 155.1 92.9 139.3#

44 6.3 5.7 8.5

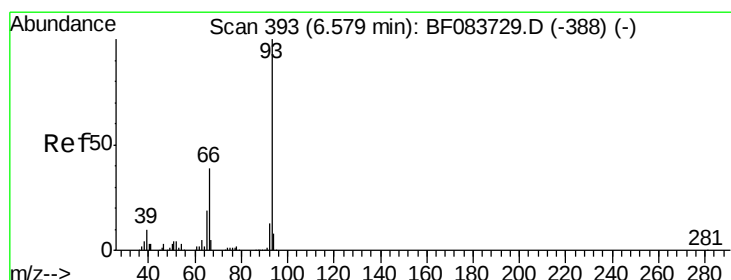
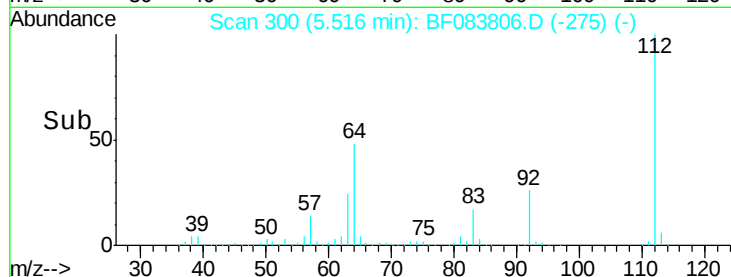
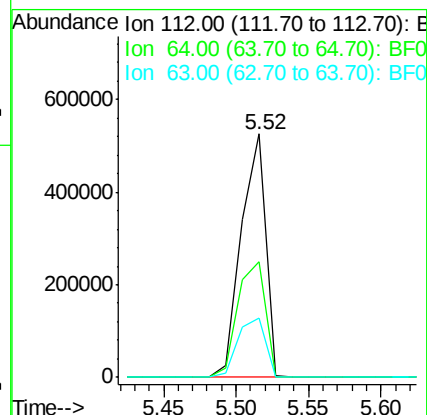
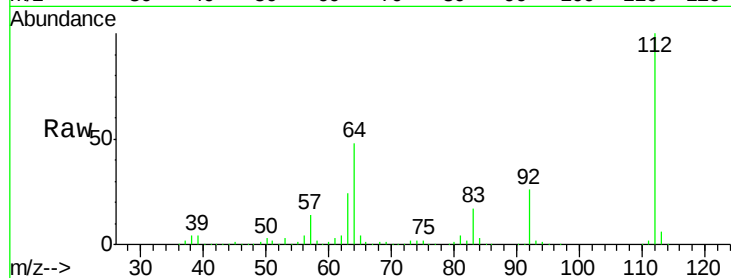




#5
 2-Fluorophenol
 Concen: 93.21 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

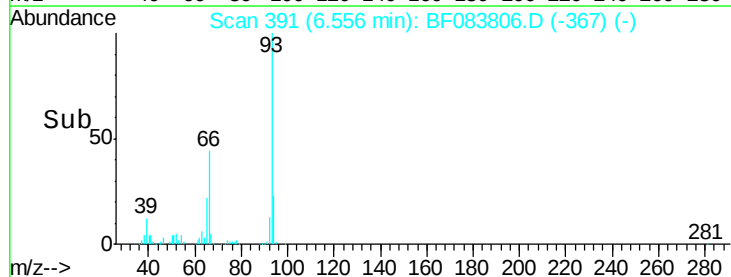
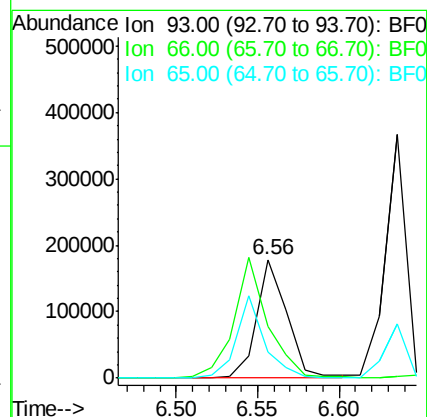
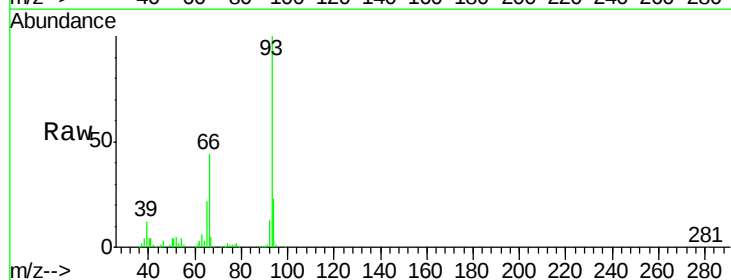
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

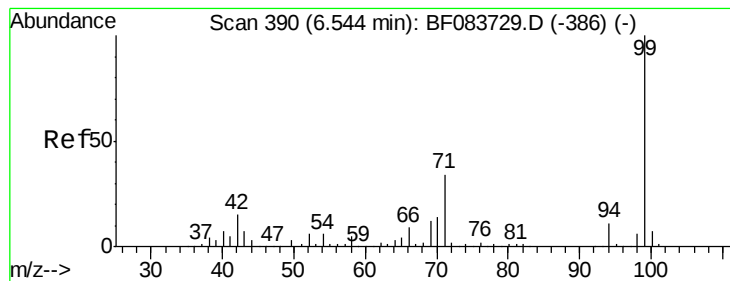
Tot Ion	Ratio	Lower	Upper
112	100		
64	47.6	50.5	75.7#
63	24.4	25.8	38.6#



#6
 Aniline
 Concen: 20.38 ng
 RT: 6.56 min Scan# 391
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.9	41.3	61.9
65	21.8	20.8	31.2





#7

Phenol-d6

Concen: 83.40 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

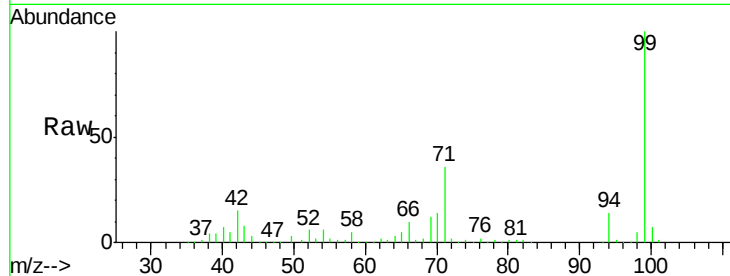
Tot Ion: 99 Resp: 697601

Ion Ratio Lower Upper

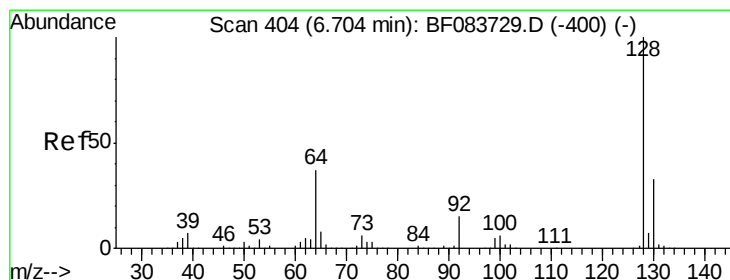
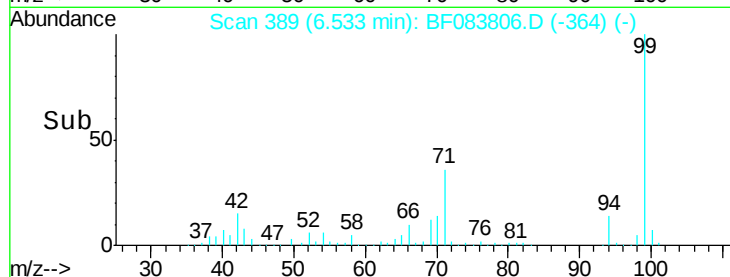
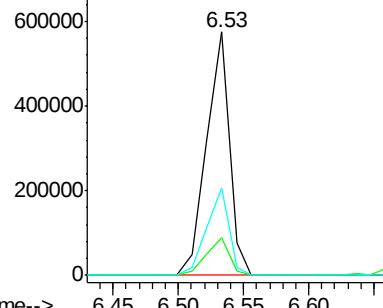
99 100

42 15.4 17.3 25.9#

71 35.9 26.6 40.0



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: 43.10 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

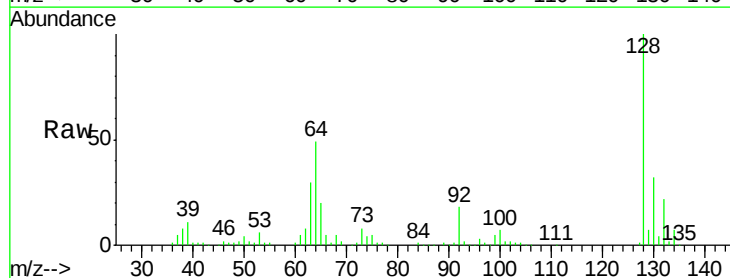
Tgt Ion:128 Resp: 334564

Ion Ratio Lower Upper

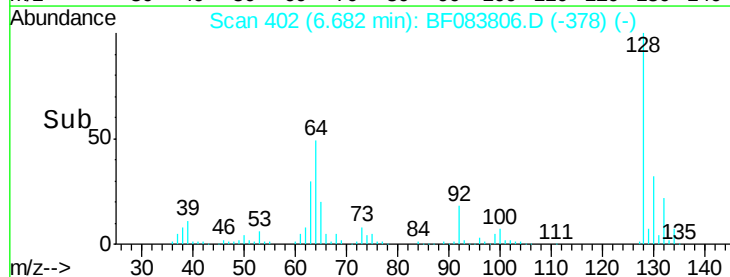
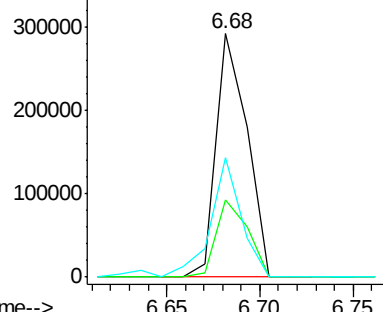
128 100

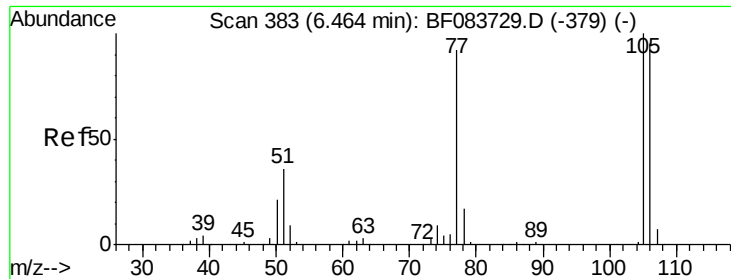
130 31.8 12.6 52.6

64 49.2 38.6 78.6



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: 28.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

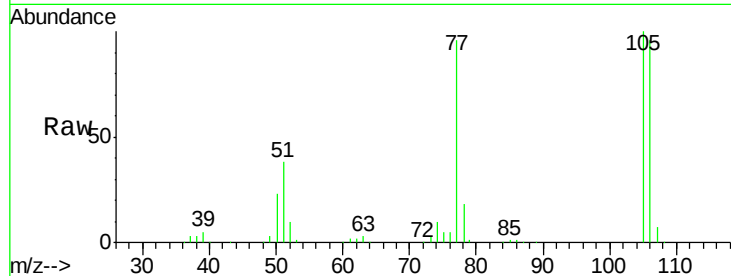
Tot Ion: 77 Resp: 129677

Ion Ratio Lower Upper

77 100

105 104.2 71.8 111.8

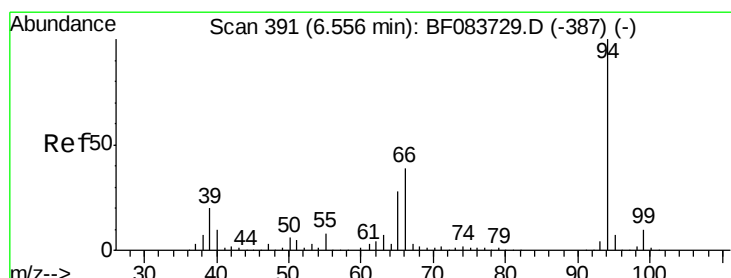
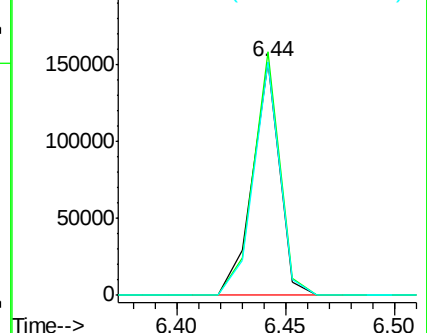
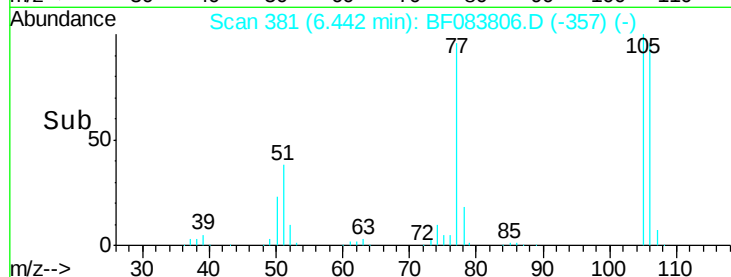
106 99.7 66.8 106.8



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: 39.51 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

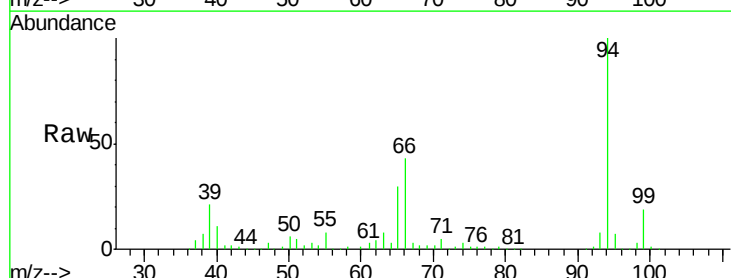
Tgt Ion: 94 Resp: 380419

Ion Ratio Lower Upper

94 100

65 29.8 20.9 60.9

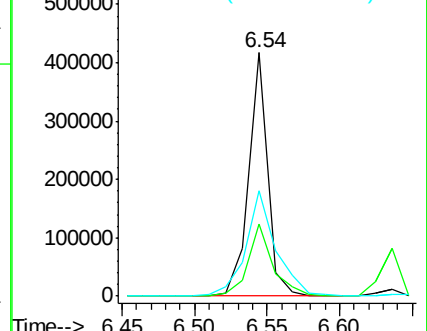
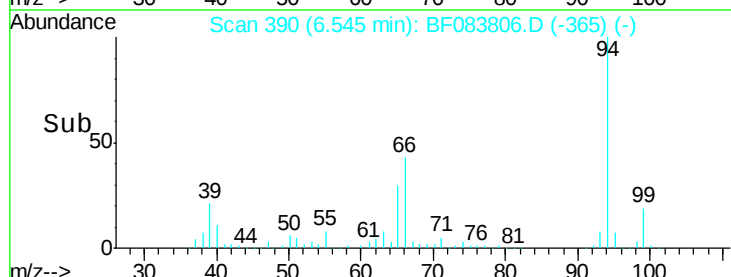
66 43.5 41.6 81.6

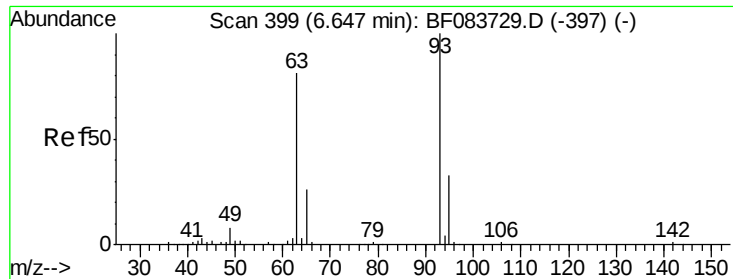


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

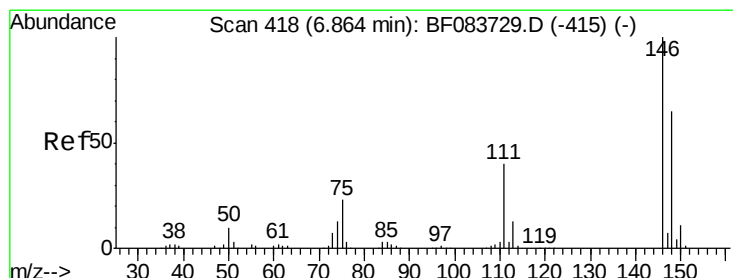
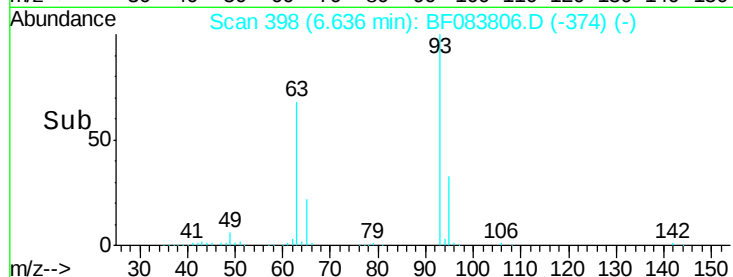
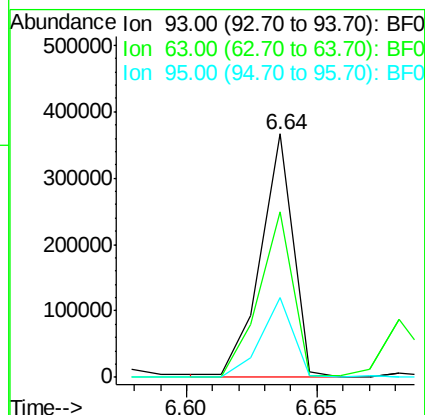
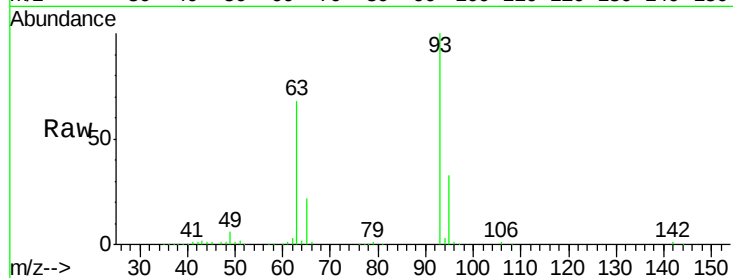




#11
bis(2-Chloroethyl)ether
Concen: 46.06 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

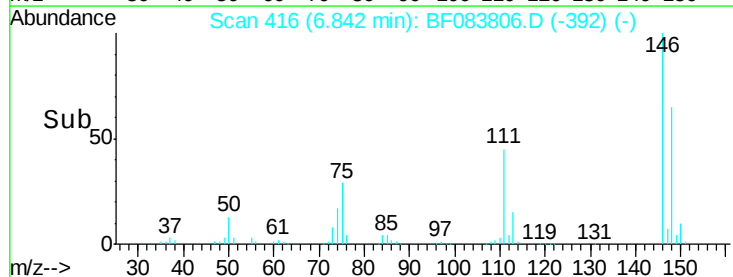
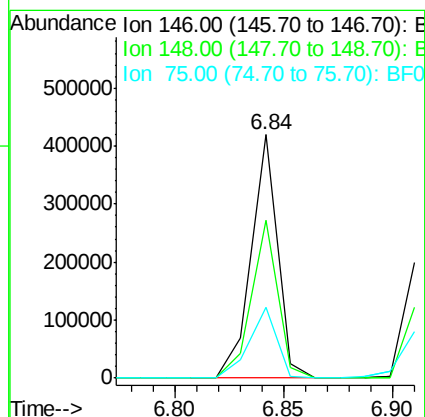
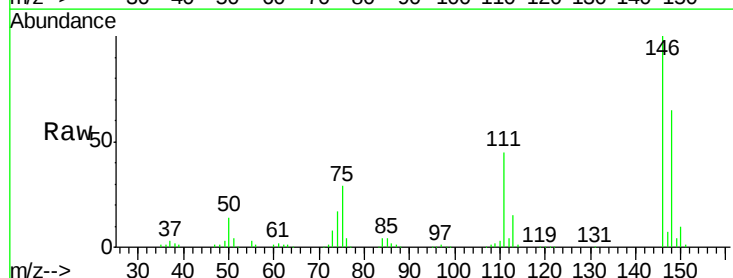
Instrument :
BNA_F
ClientSampleId :
PB87256BSD

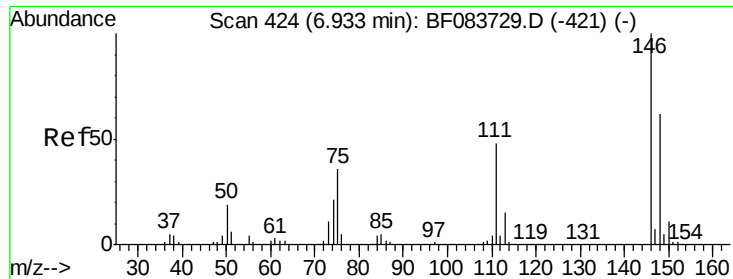
Tot Ion: 93 Resp: 321158
Ion Ratio Lower Upper
93 100
63 68.0 64.7 104.7
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.82 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion: 146 Resp: 352723
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
75 28.9 24.1 36.1

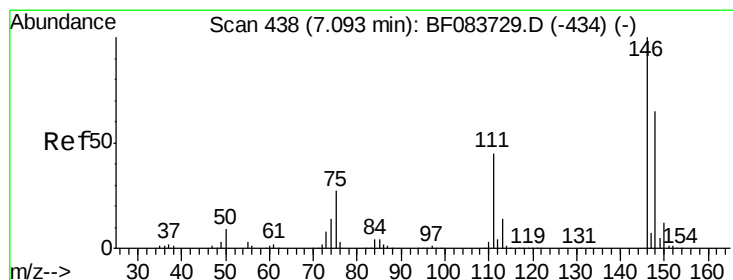
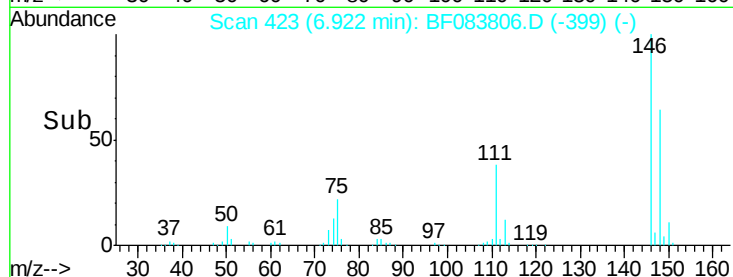
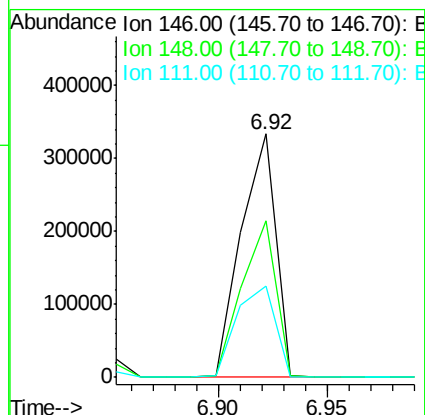
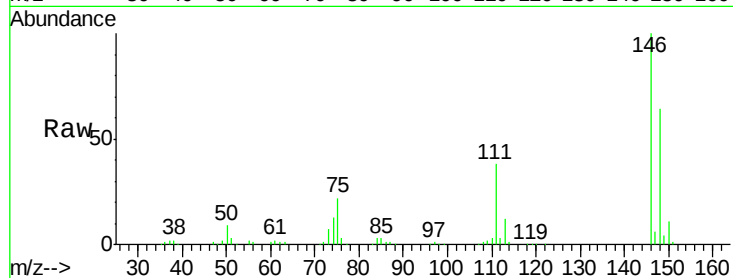




#13
 1,4-Dichlorobenzene
 Concen: 44.15 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

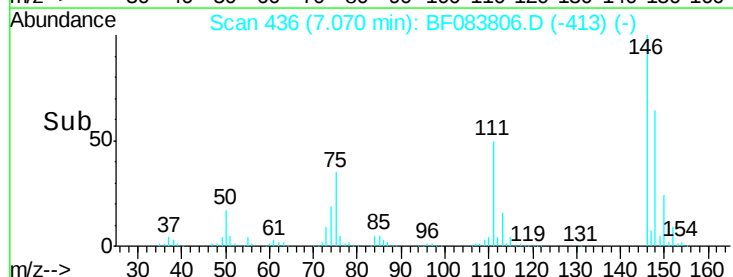
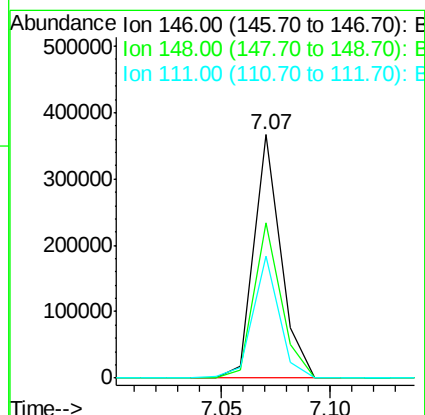
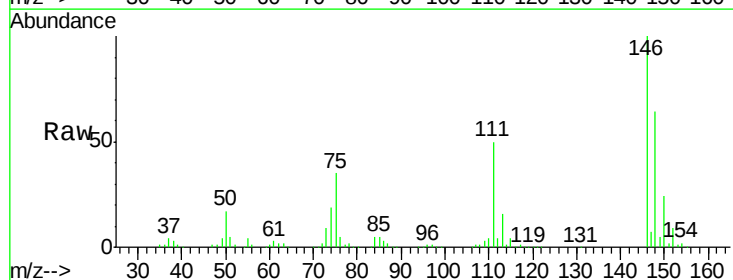
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

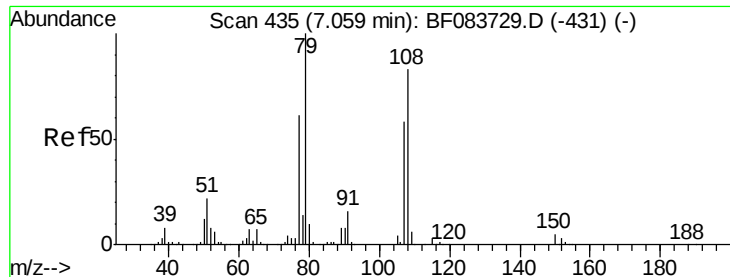
Tot Ion:146 Resp: 367531
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 76.0
 111 37.6 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 42.25 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion:146 Resp: 316054
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 50.1 36.7 55.1





#15

Benzyl Alcohol

Concen: 48.28 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

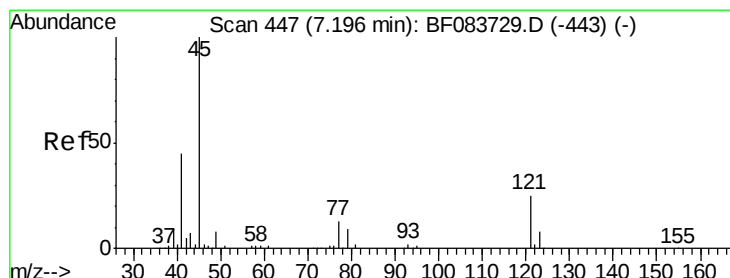
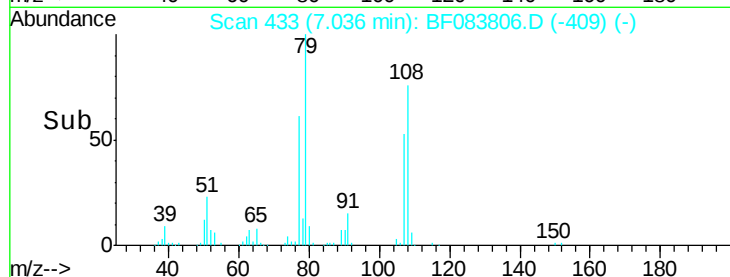
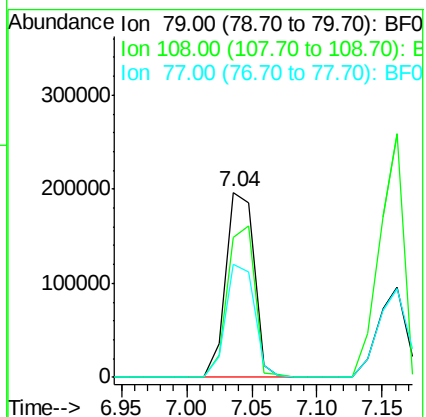
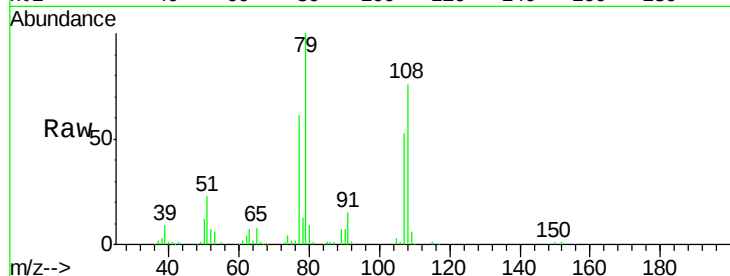
Tot Ion: 79 Resp: 296672

Ion Ratio Lower Upper

79 100

108 75.9 59.6 89.4

77 61.0 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.81 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

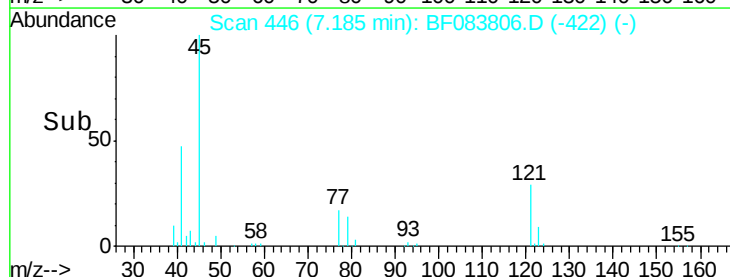
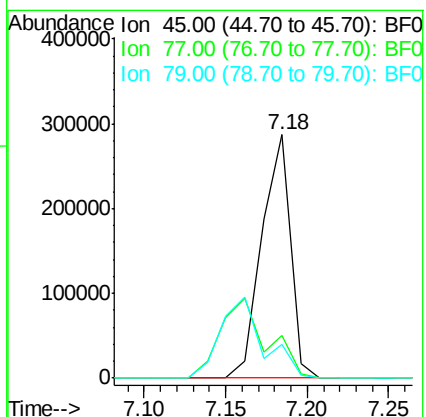
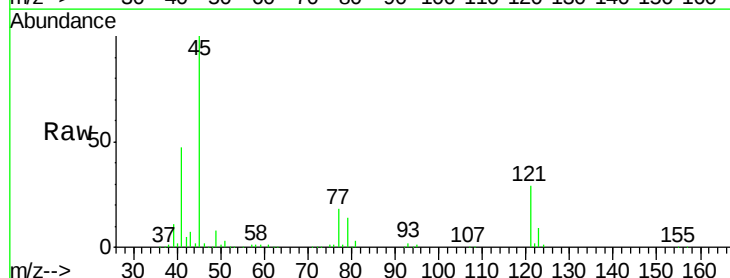
Tgt Ion: 45 Resp: 351401

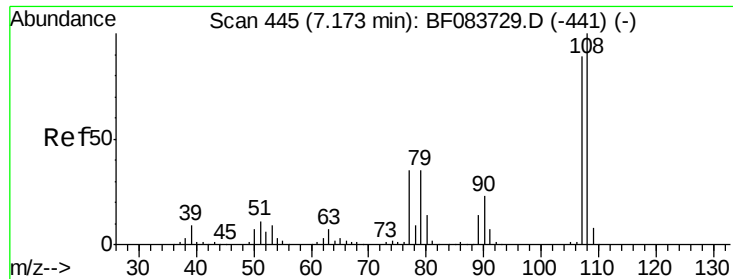
Ion Ratio Lower Upper

45 100

77 17.7 12.8 52.8

79 13.9 10.7 50.7

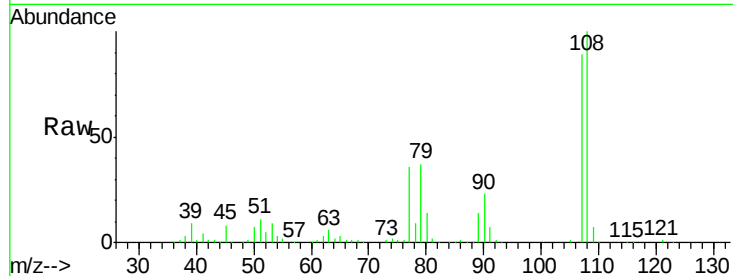




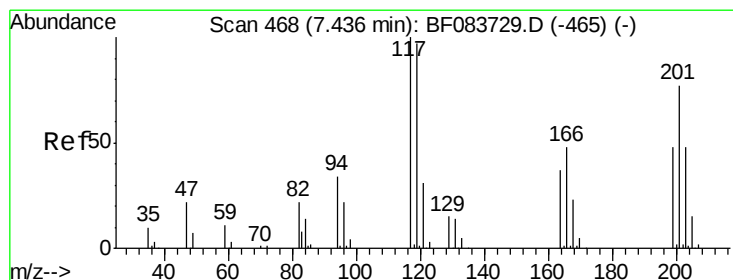
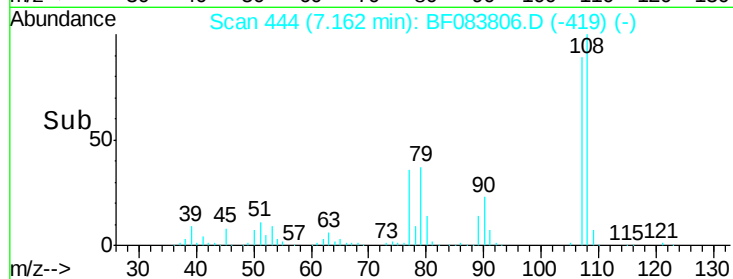
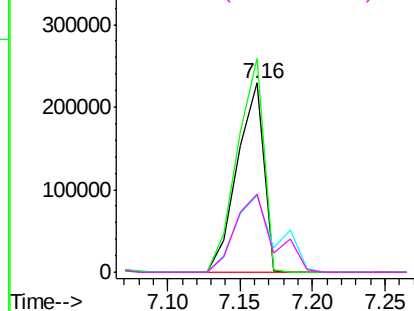
#17
2-Methylphenol
Concen: 46.82 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.6	137.4
77	40.9	53.7	80.5#
79	41.5	50.2	75.4#

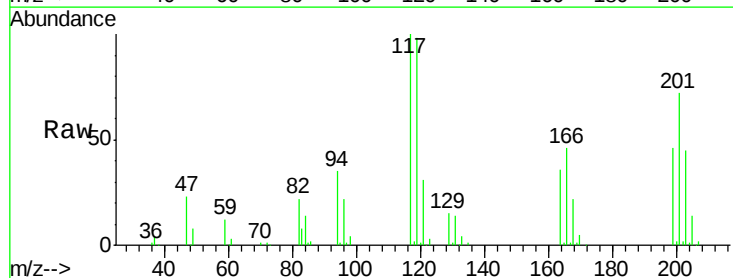


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

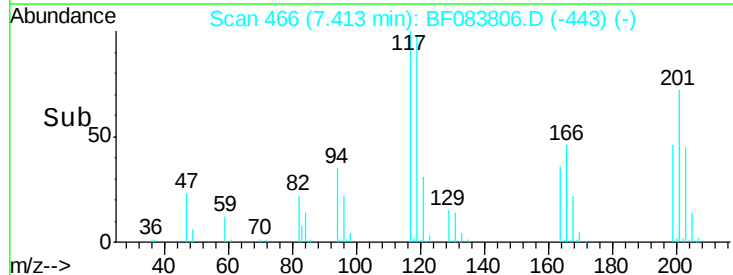
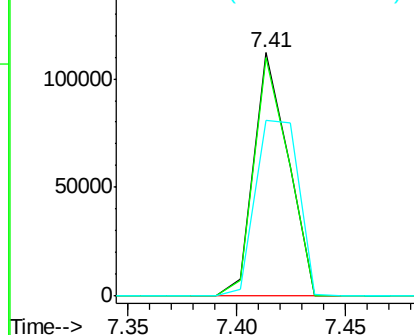


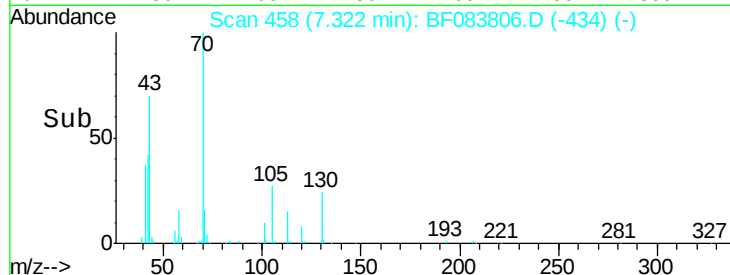
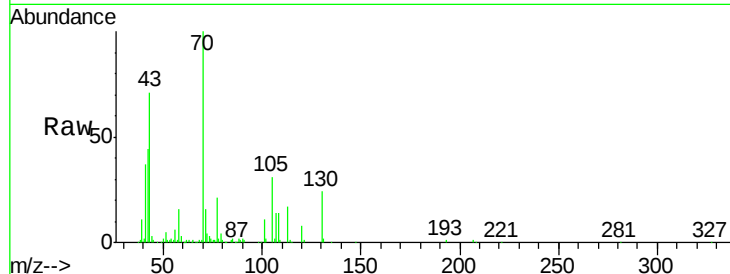
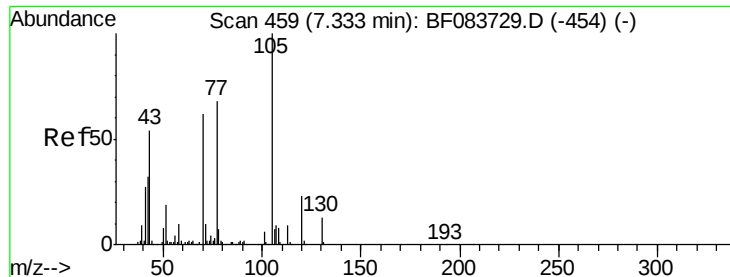
#18
Hexachloroethane
Concen: 41.63 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.2	115.8
201	72.1	86.8	130.2#



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

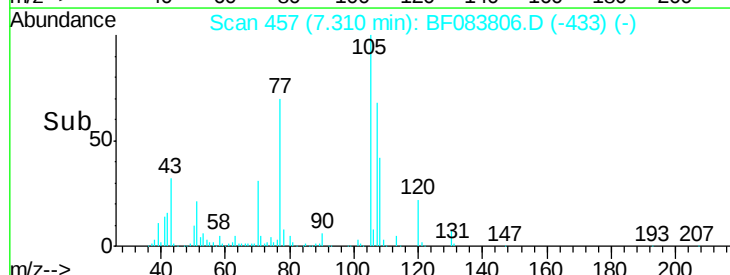
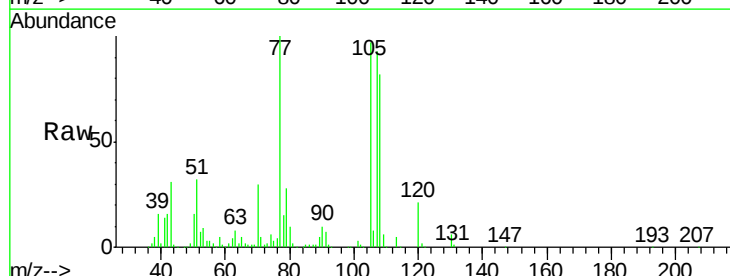
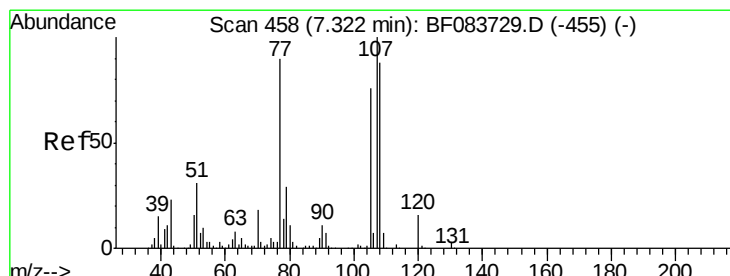
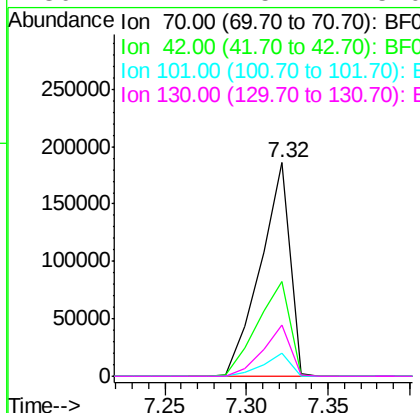




#19
n-Nitroso-di-n-propylamine
Concen: 45.45 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

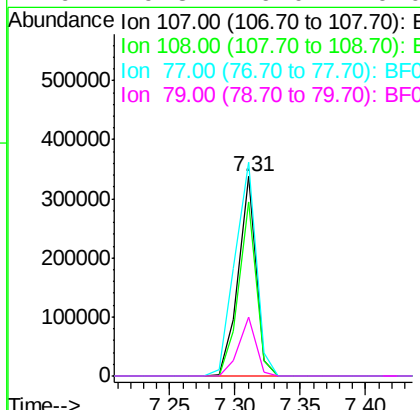
Instrument :
BNA_F
ClientSampleId :
PB87256BSD

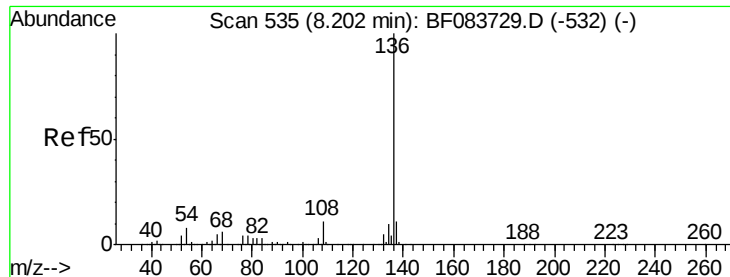
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	49.2	73.8#
101	10.5	7.1	10.7
130	24.2	15.4	23.0#



#20
3+4-Methylphenols
Concen: 43.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	65.2	105.2
77	107.1	15.2	55.2#
79	29.8	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

Tot Ion:136 Resp: 418666

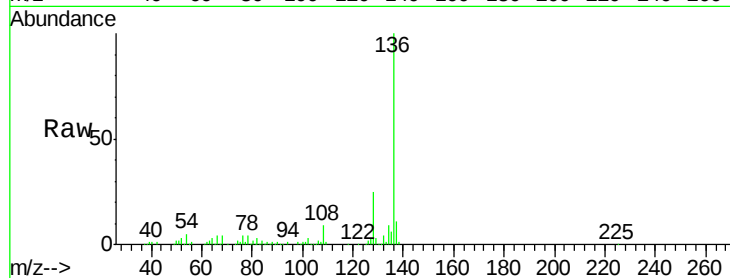
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.1 7.8 11.6#

68 4.4 5.7 8.5#

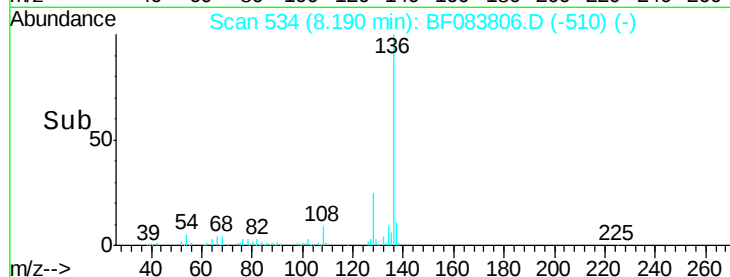


Abundance Ion 136.00 (135.70 to 136.70): E

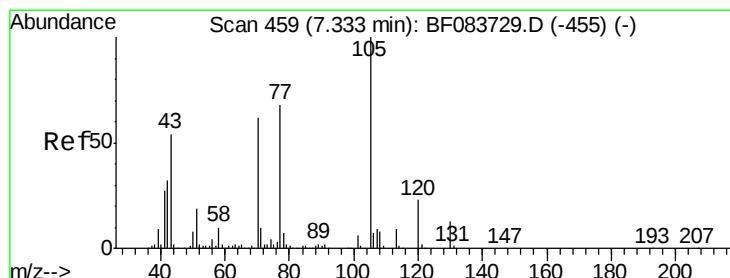
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.85 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Tgt Ion:105 Resp: 419573

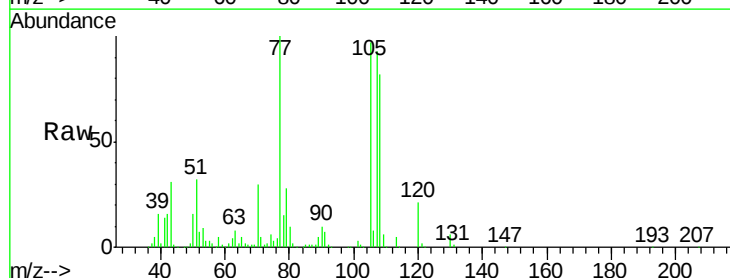
Ion Ratio Lower Upper

105 100

71 5.1 1.3 1.9#

51 33.3 23.8 35.8

120 21.3 16.7 25.1

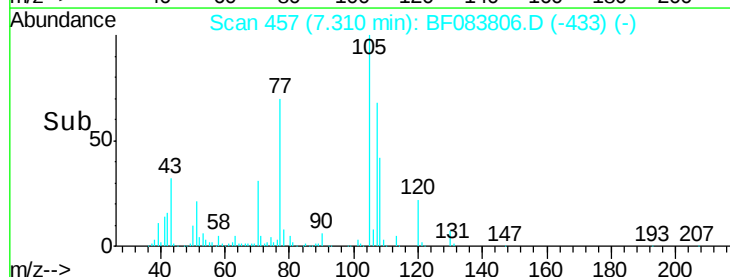


Abundance Ion 105.00 (104.70 to 105.70): E

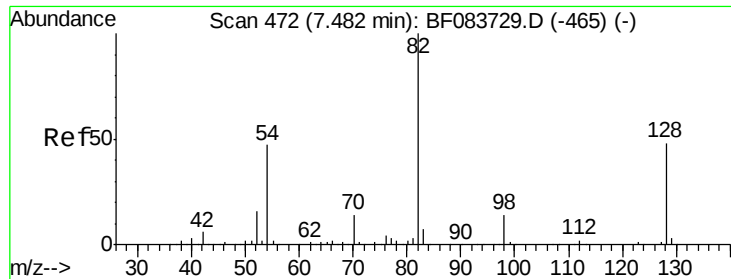
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



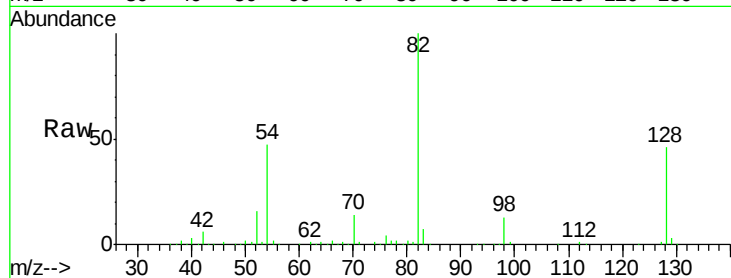
Time-->



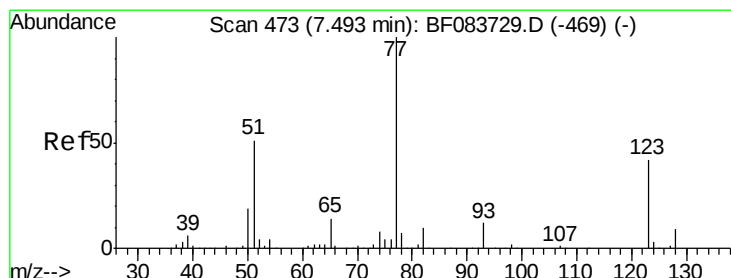
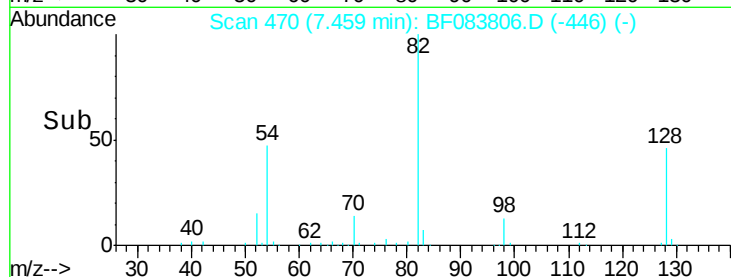
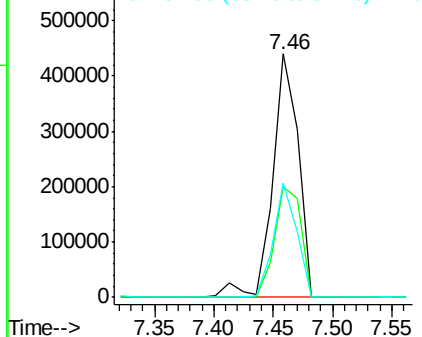
#23
 Nitrobenzene-d5
 Concen: 86.93 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

Tot Ion	82	Resp	650510
Ion Ratio	100	Lower	Upper
128	45.6	30.7	46.1
54	46.9	42.5	63.7

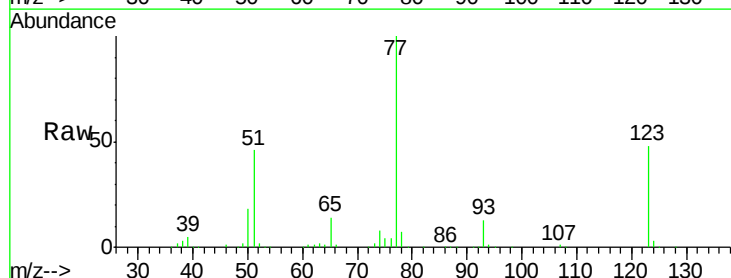


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

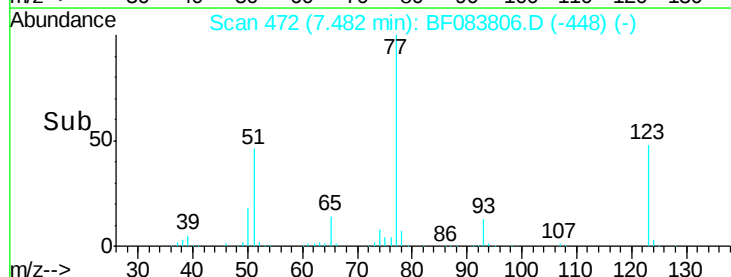
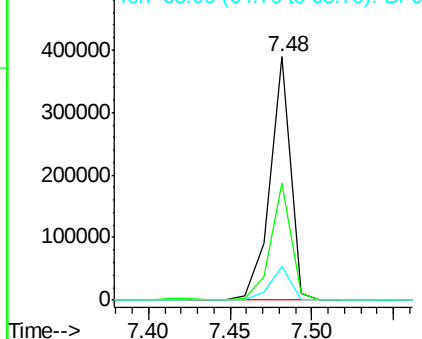


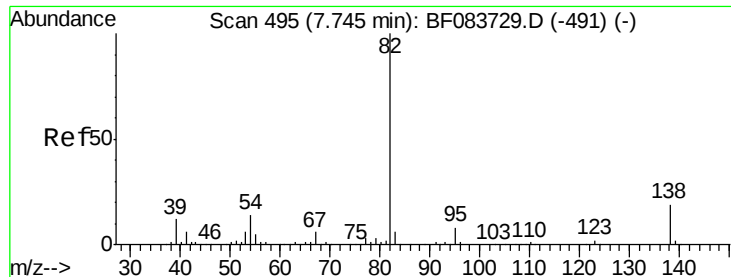
#24
 Nitrobenzene
 Concen: 43.86 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion	77	Resp	341642
Ion Ratio	100	Lower	Upper
123	48.1	29.8	44.6#
65	13.8	11.1	16.7



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





#25

Isophorone

Concen: 42.04 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

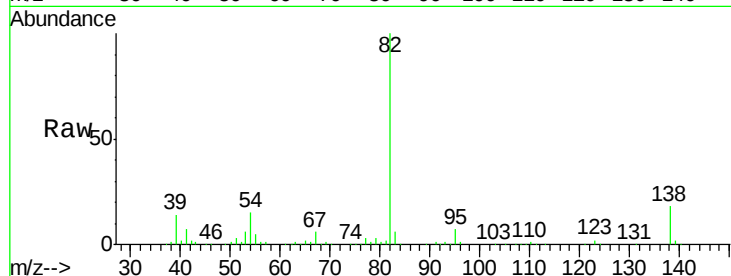
Tot Ion: 82 Resp: 617184

Ion Ratio Lower Upper

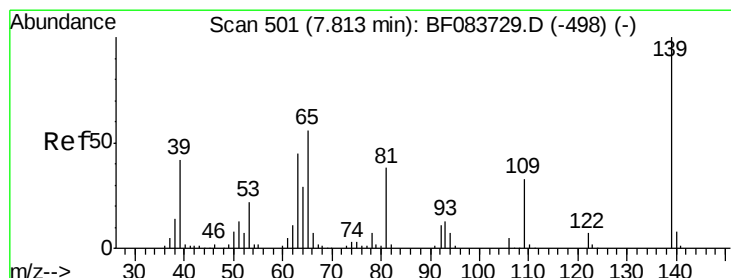
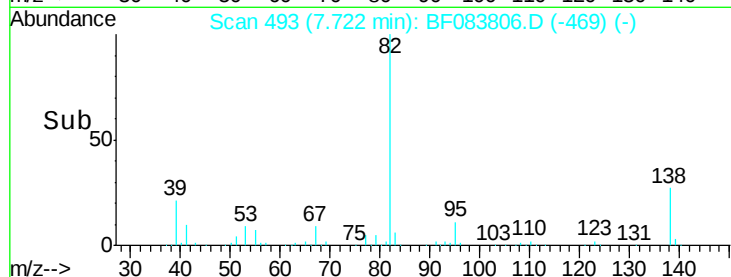
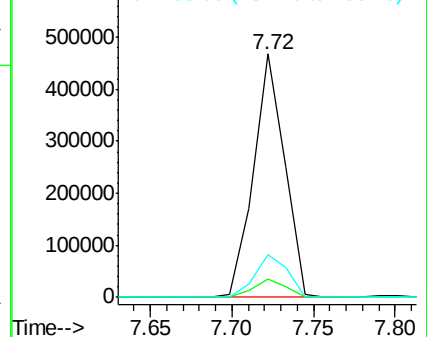
82 100

95 7.5 5.0 7.4#

138 17.6 12.1 18.1



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: 51.22 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

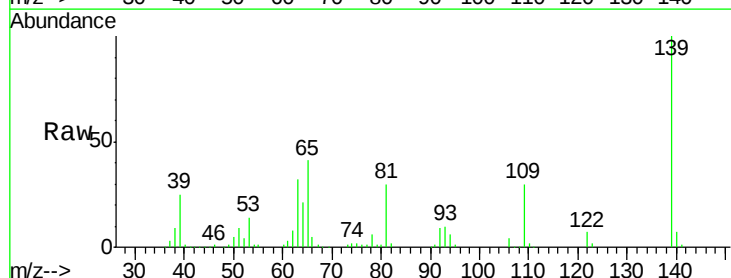
Tgt Ion: 139 Resp: 191634

Ion Ratio Lower Upper

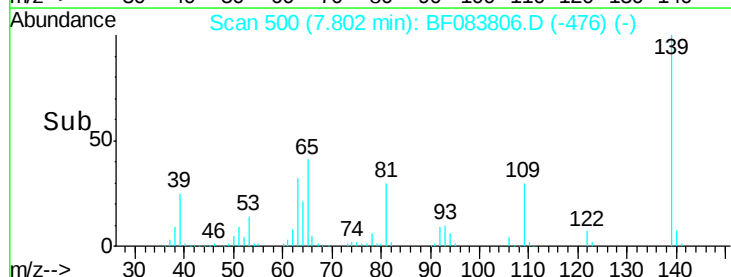
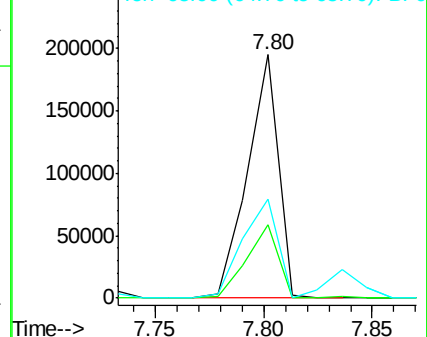
139 100

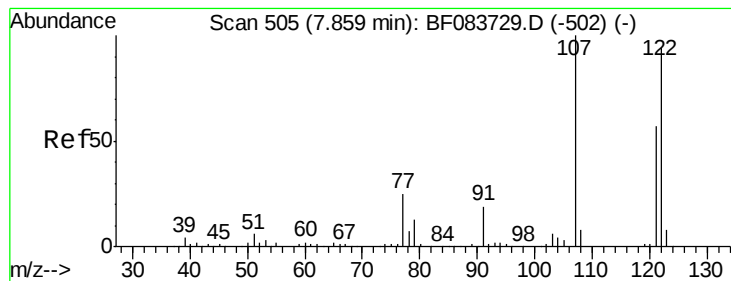
109 30.2 22.7 34.1

65 40.8 51.8 77.8#



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





#27

2,4-Dimethylphenol

Concen: 43.14 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

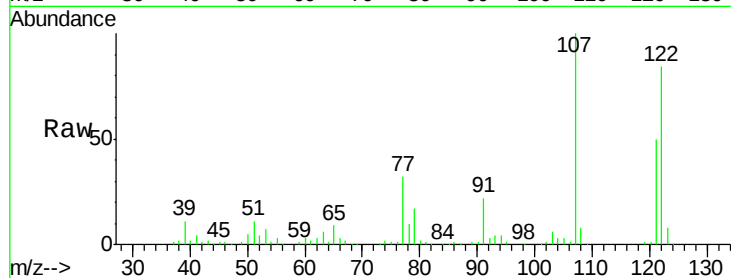
Tot Ion:122 Resp: 317155

Ion Ratio Lower Upper

122 100

107 119.3 92.4 138.6

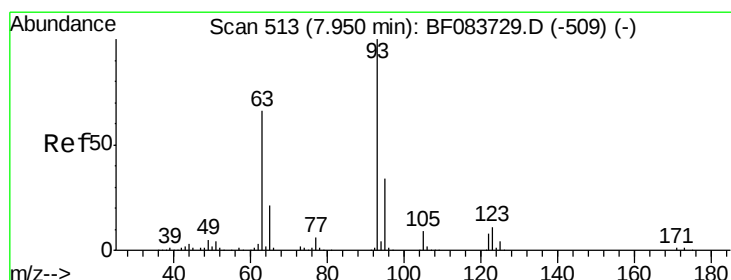
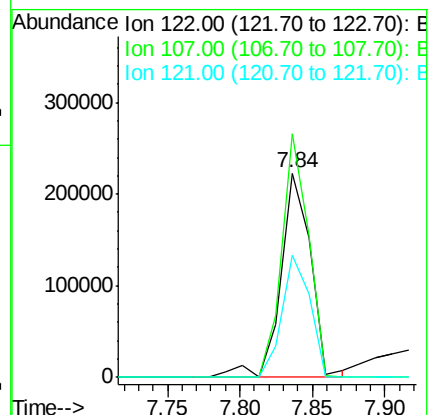
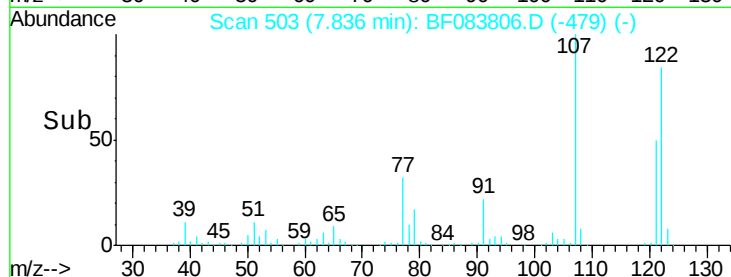
121 59.7 45.8 68.6



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: 47.75 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

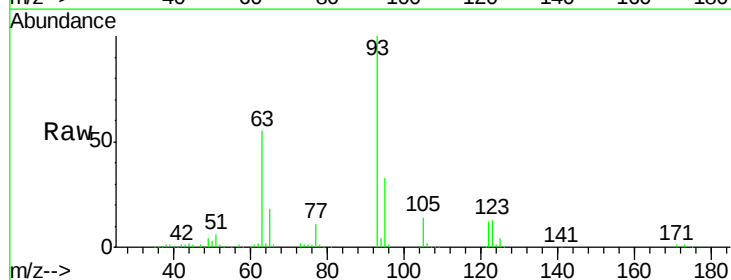
Tgt Ion: 93 Resp: 400033

Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

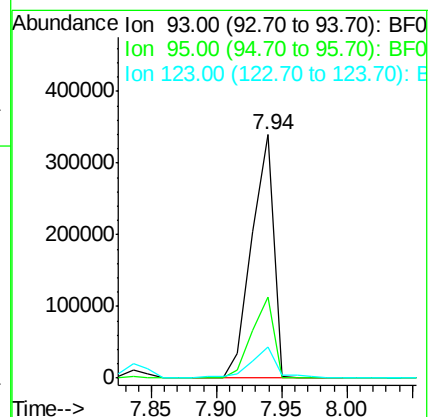
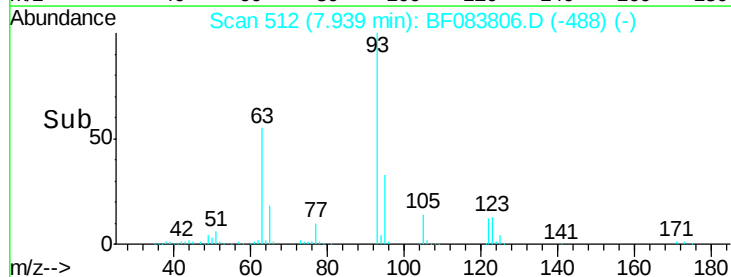
123 12.9 7.3 10.9#

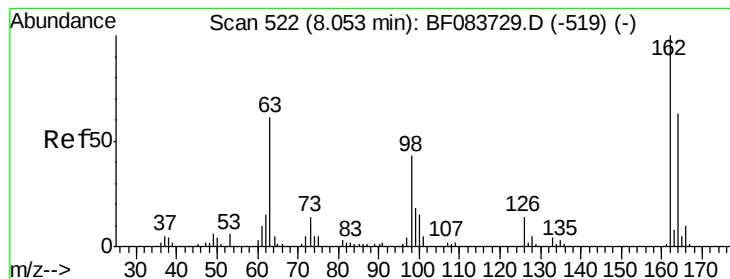


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.78 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

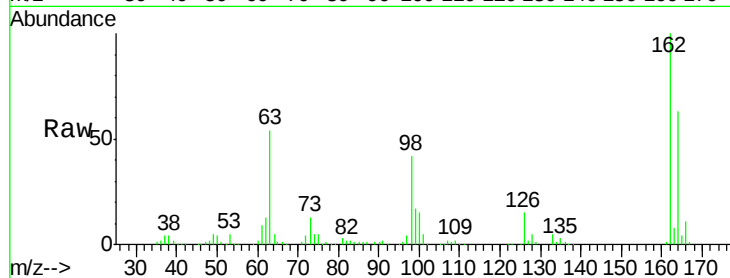
Tot Ion:162 Resp: 282353

Ion Ratio Lower Upper

162 100

164 63.4 43.4 83.4

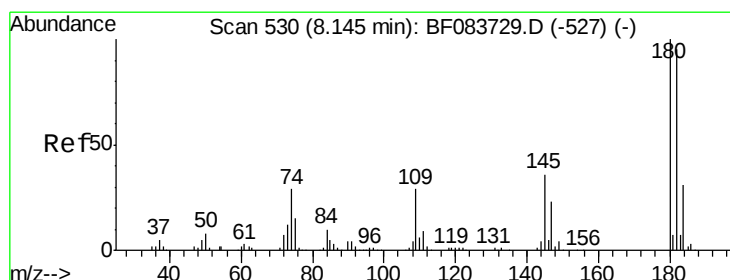
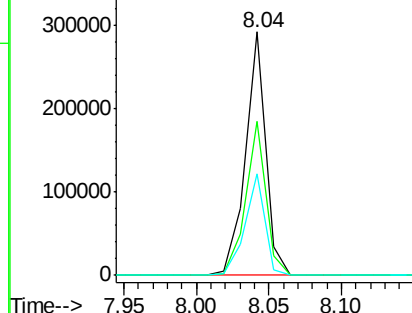
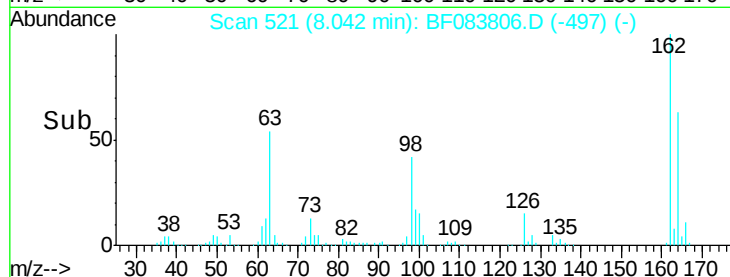
98 41.7 17.5 57.5



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: 44.32 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

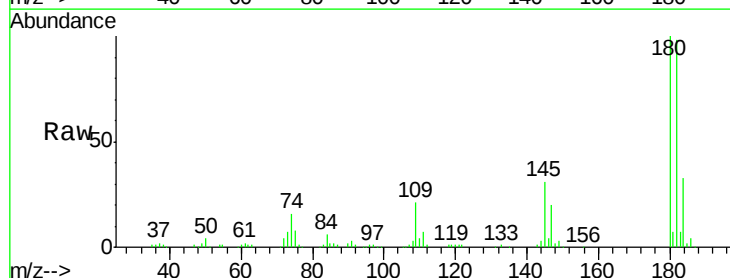
Tgt Ion:180 Resp: 277420

Ion Ratio Lower Upper

180 100

182 97.7 74.9 112.3

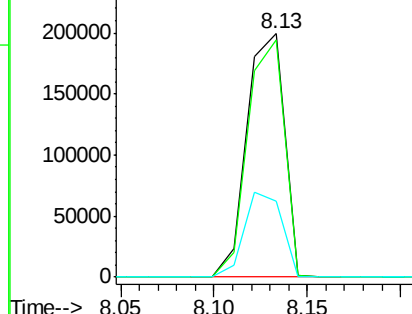
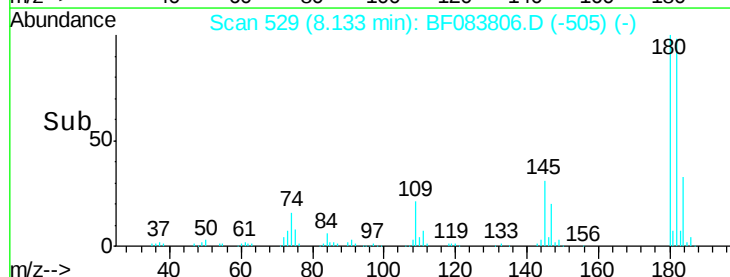
145 31.1 24.7 37.1

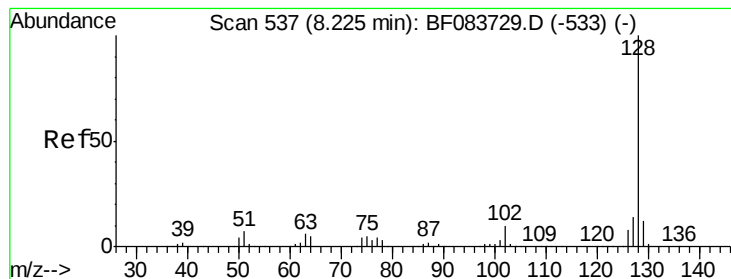


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.79 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

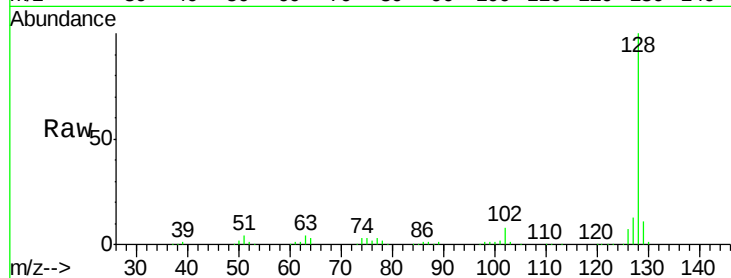
Tot Ion:128 Resp: 977491

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

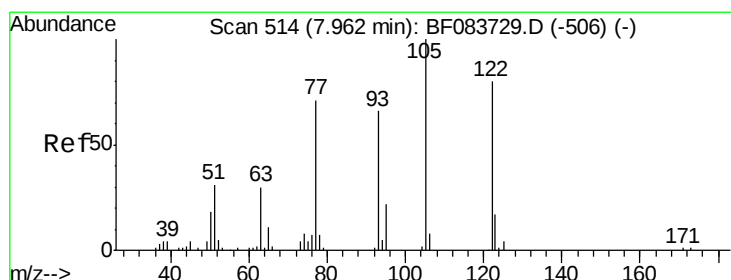
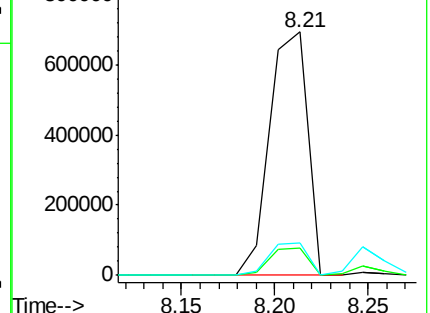
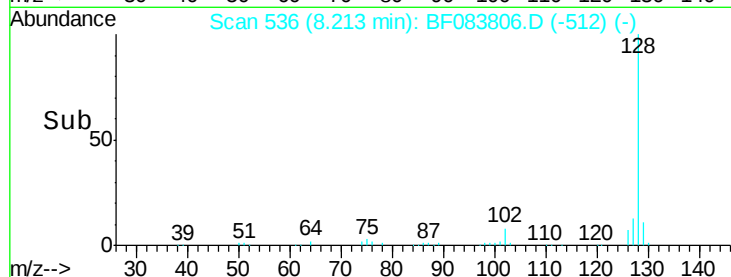
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.61 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

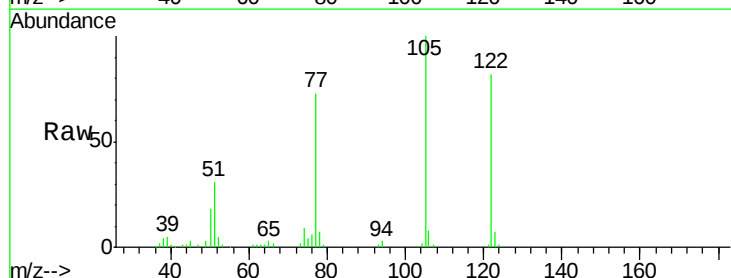
Tgt Ion:122 Resp: 213555

Ion Ratio Lower Upper

122 100

105 121.9 105.6 145.6

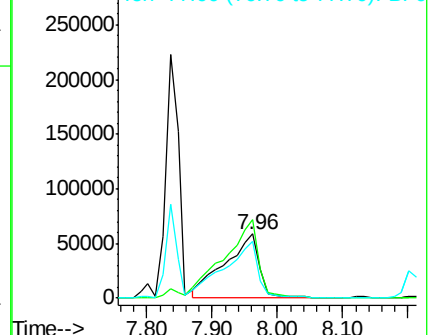
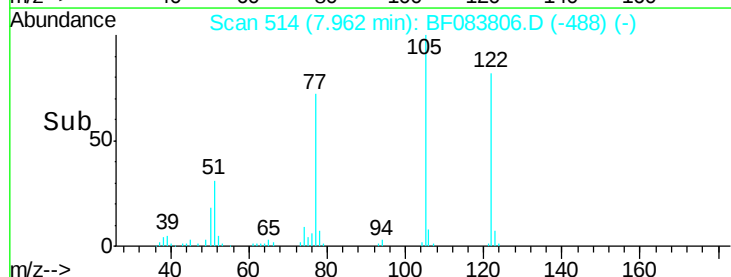
77 89.5 86.8 126.8

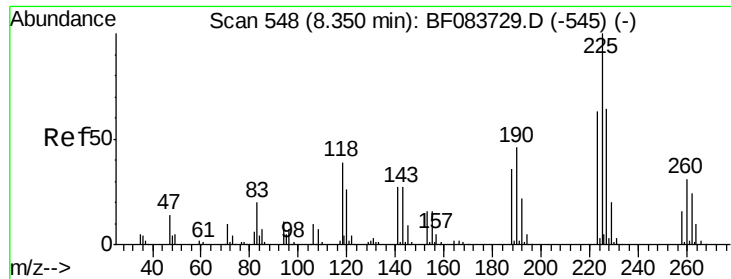


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

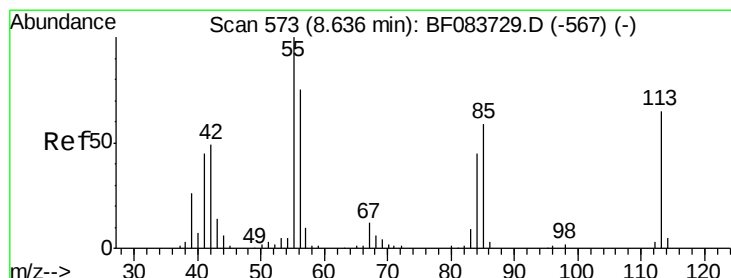
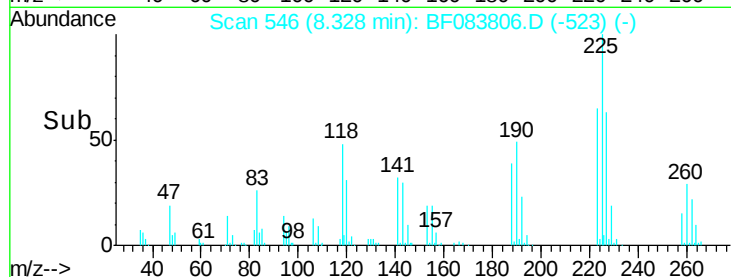
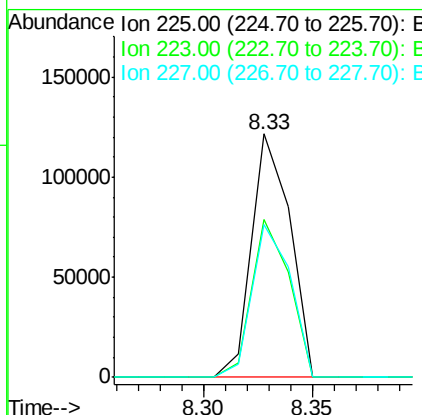
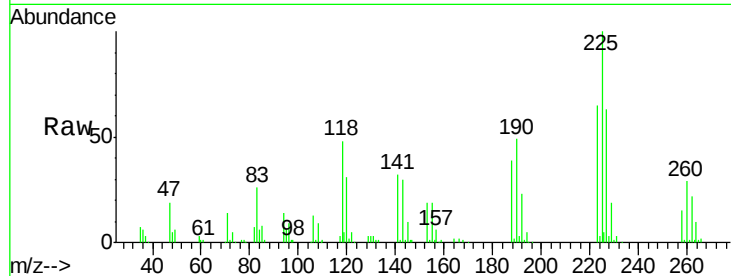




#34
Hexachlorobutadiene
Concen: 43.55 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

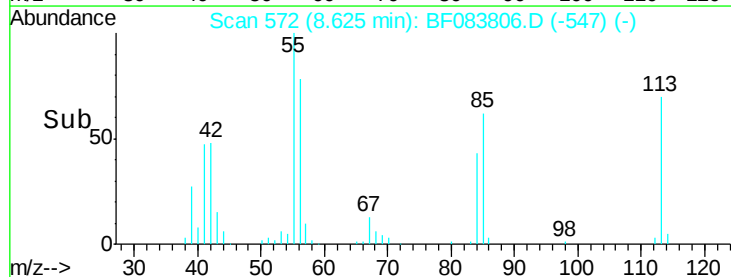
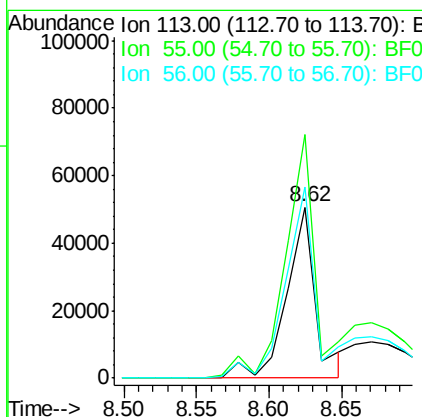
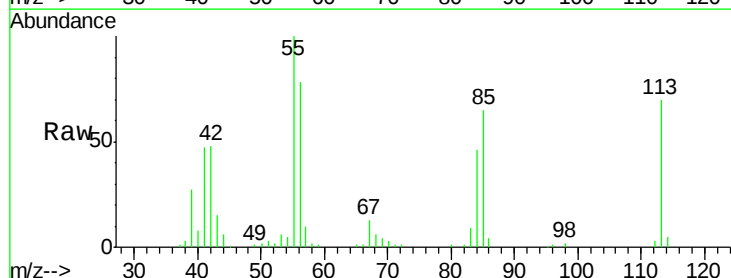
Instrument :
BNA_F
ClientSampleId :
PB87256BSD

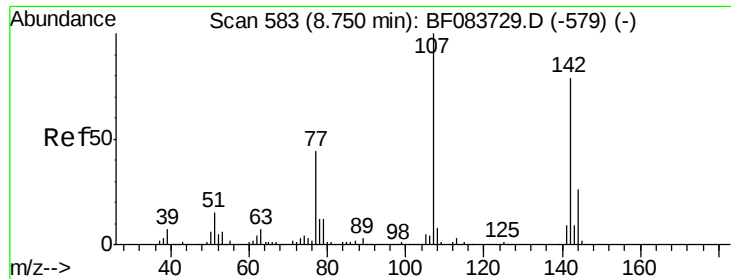
Tot Ion:225 Resp: 149569
Ion Ratio Lower Upper
225 100
223 64.8 52.3 78.5
227 62.6 50.4 75.6



#35
Caprolactam
Concen: 36.06 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:113 Resp: 69885
Ion Ratio Lower Upper
113 100
55 142.4 189.7 229.7#
56 111.5 130.7 170.7#

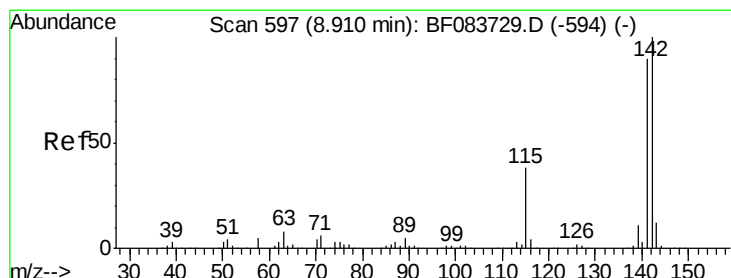
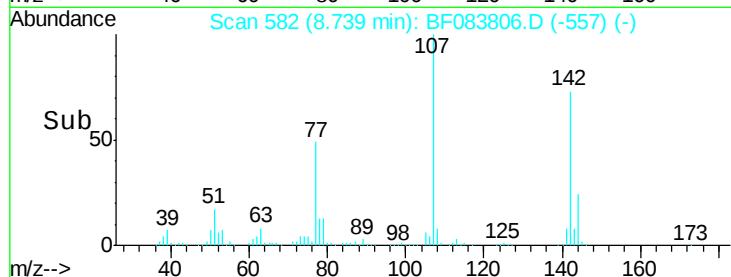
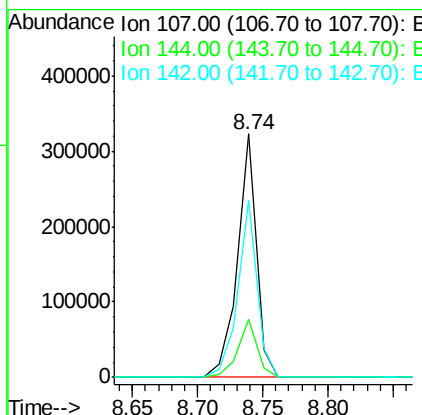
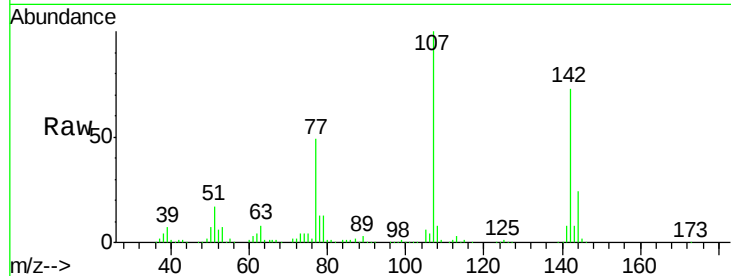




#36
 4-Chloro-3-methylphenol
 Concen: 45.85 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

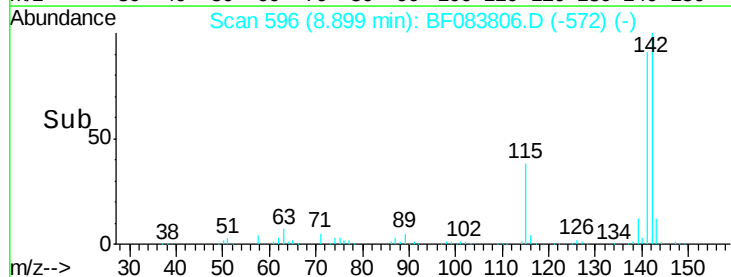
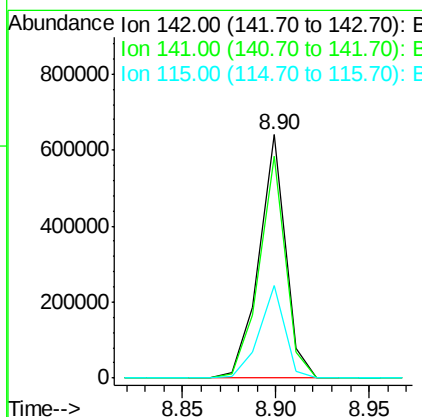
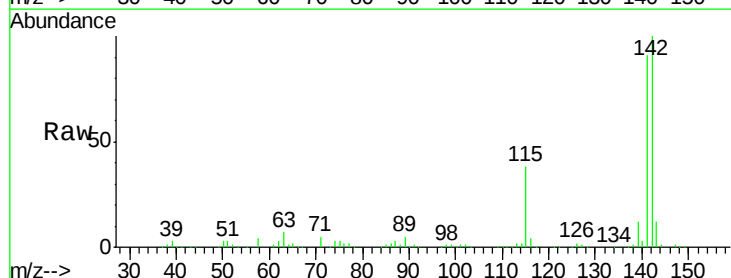
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

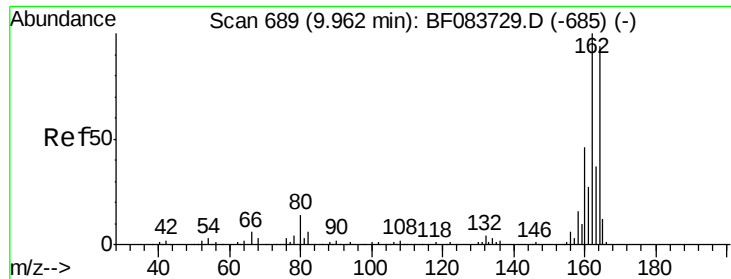
Tot Ion:107 Resp: 323693
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.5 26.3
 142 72.8 53.6 80.4



#37
 2-Methylnaphthalene
 Concen: 46.01 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion:142 Resp: 630331
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.3 105.5
 115 37.8 29.2 43.8

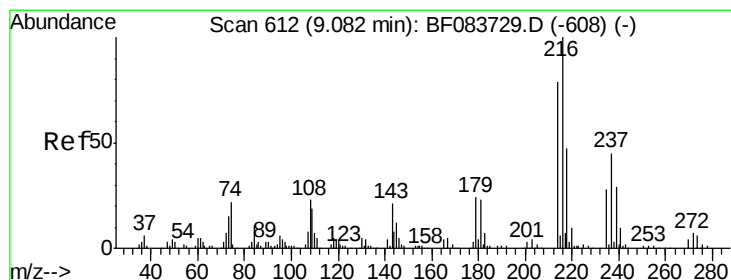
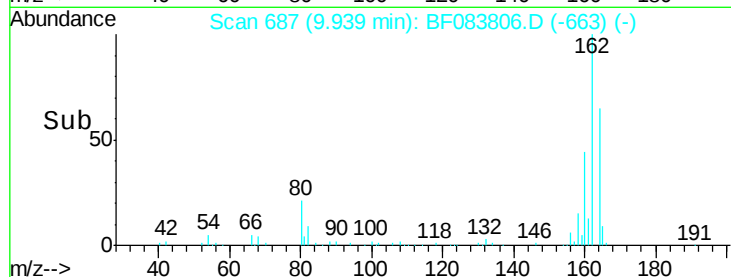
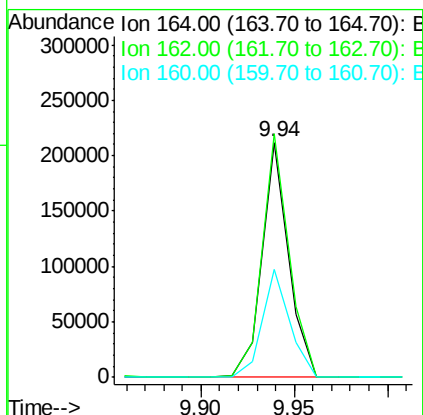
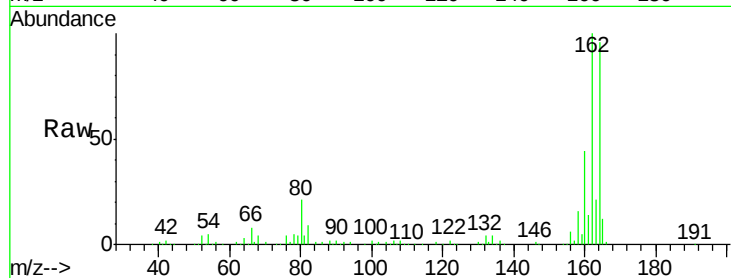




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

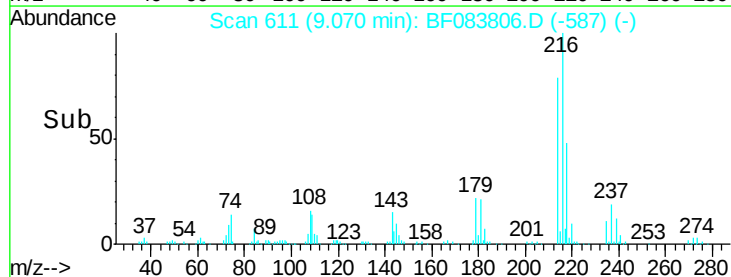
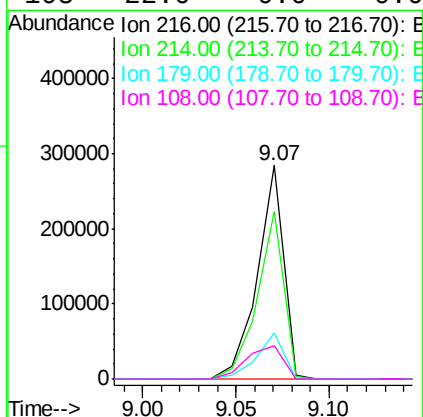
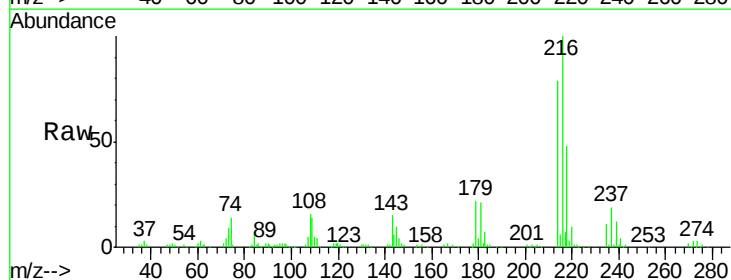
Instrument :
BNA_F
ClientSampleId :
PB87256BSD

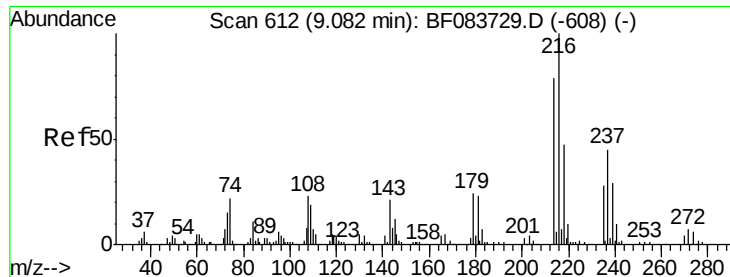
Tot Ion:164 Resp: 207283
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 45.7 33.4 50.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.13 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:216 Resp: 275937
Ion Ratio Lower Upper
216 100
214 78.9 0.0 0.0#
179 22.3 0.0 0.0#
108 22.0 0.0 0.0#





#40

Hexachlorocyclopentadiene

Concen: 95.86 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

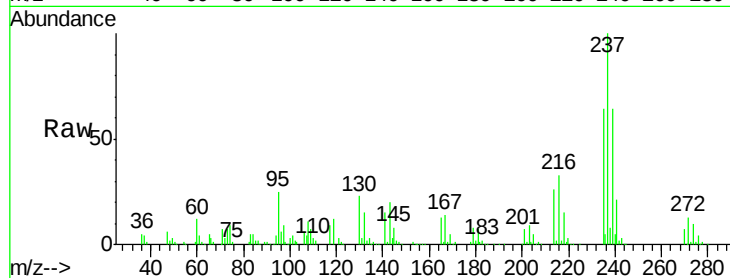
Tot Ion:237 Resp: 297045

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

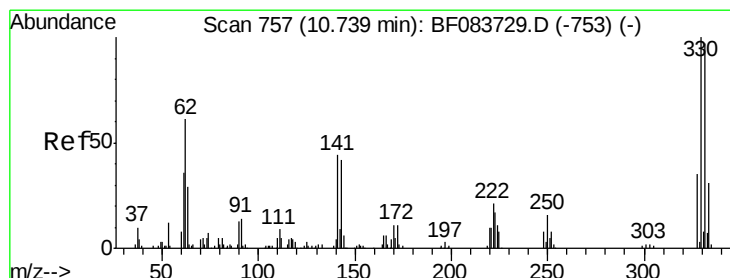
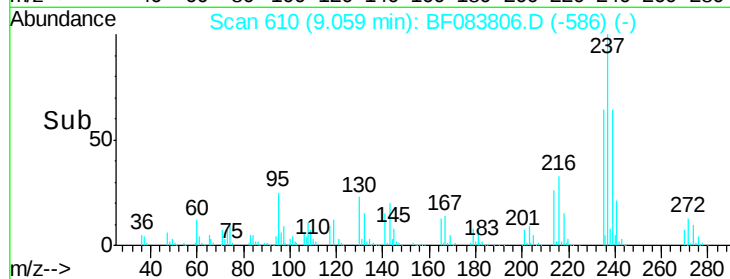
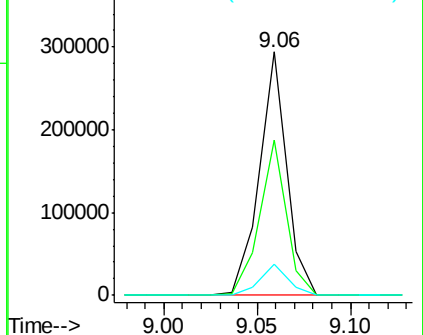
272 12.5 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 90.94 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

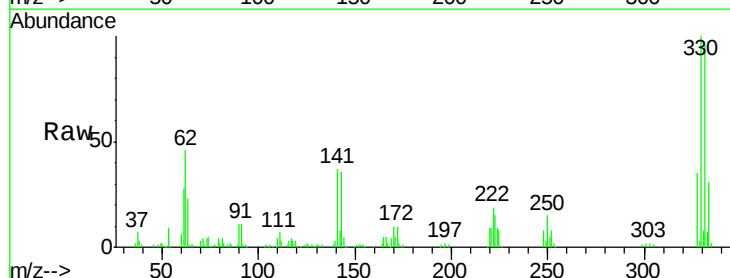
Tgt Ion:330 Resp: 192084

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

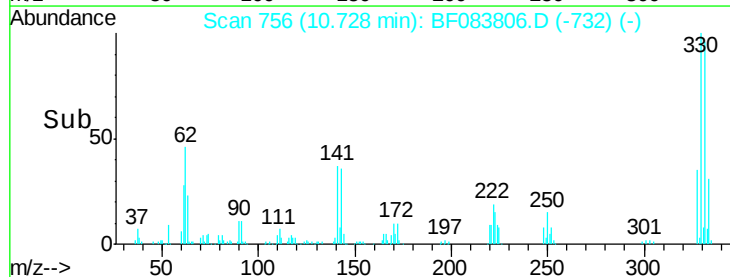
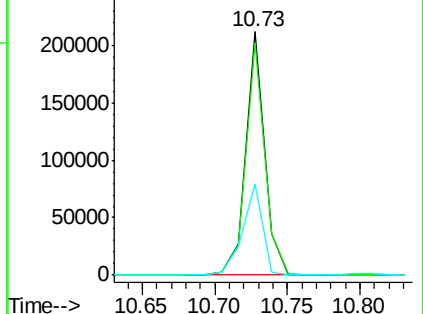
141 39.0 0.0 0.0#

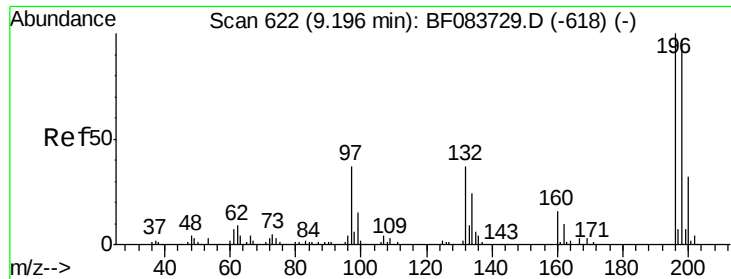


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

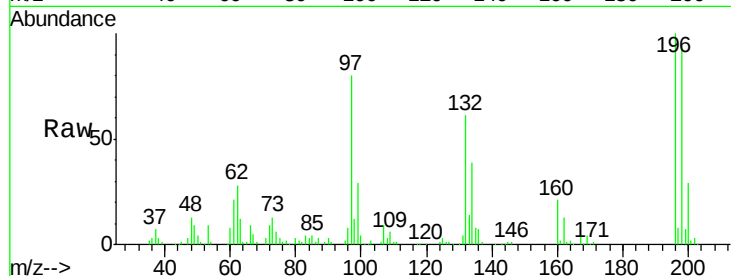




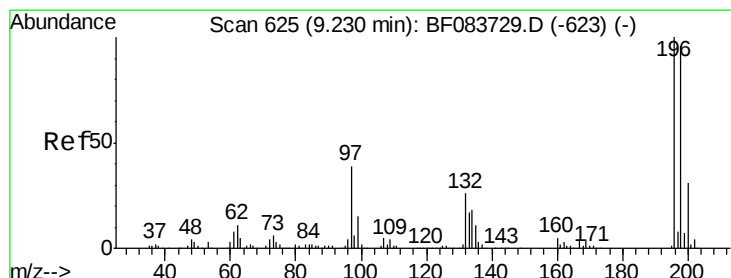
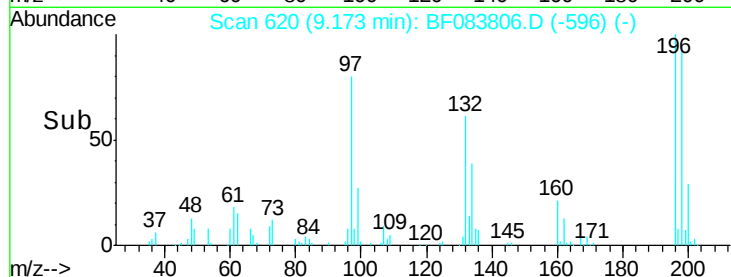
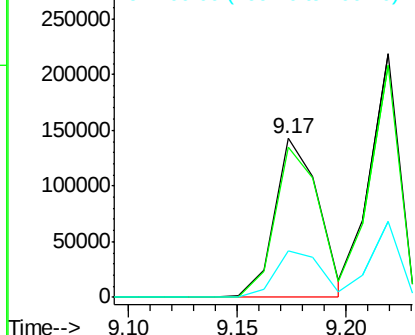
#42
2,4,6-Trichlorophenol
Concen: 44.72 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion:196 Resp: 200148
Ion Ratio Lower Upper
196 100
198 94.5 75.2 112.8
200 29.4 23.0 34.6



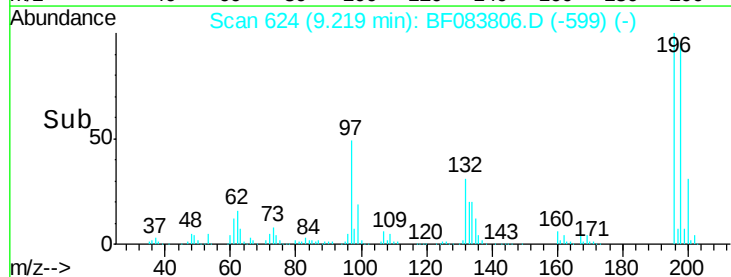
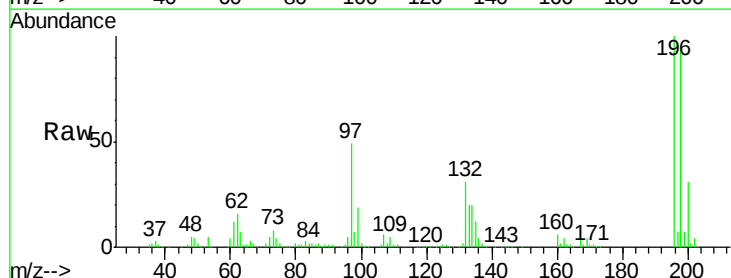
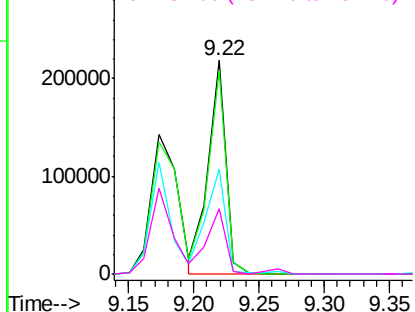
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

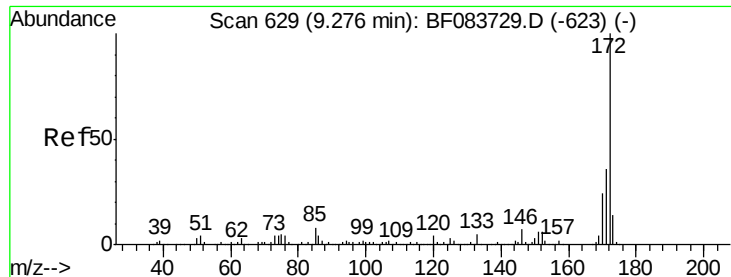


#43
2,4,5-Trichlorophenol
Concen: 48.83 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:196 Resp: 207337
Ion Ratio Lower Upper
196 100
198 95.2 77.7 116.5
97 48.9 41.2 61.8
132 30.5 21.8 32.8

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: 78.66 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

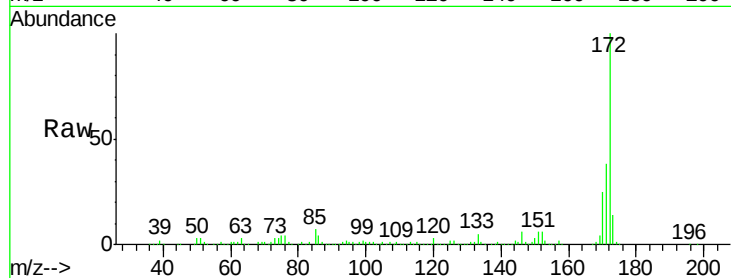
BNA_F

ClientSampleId :

PB87256BSD

Tot Ion:172 Resp: 1138310

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.5	19.4	29.0

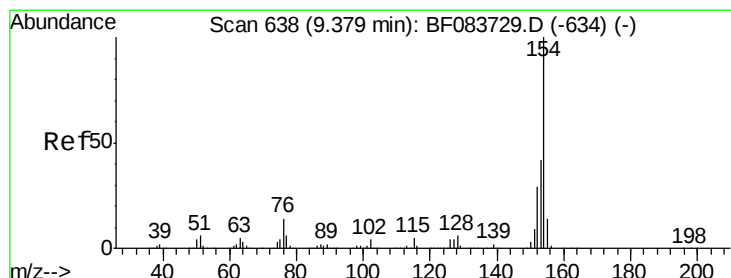
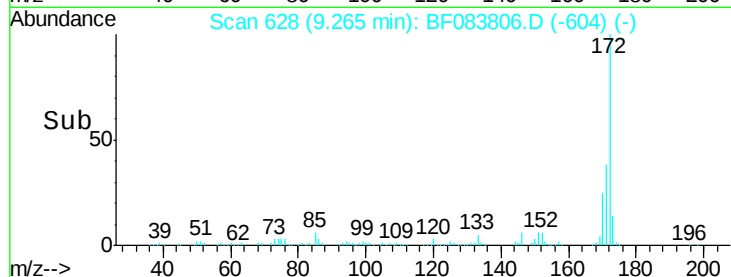
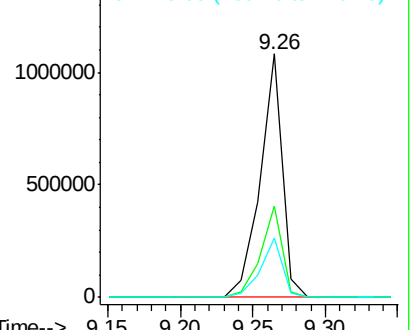


Abundance

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: 44.48 ng

RT: 9.37 min Scan# 637

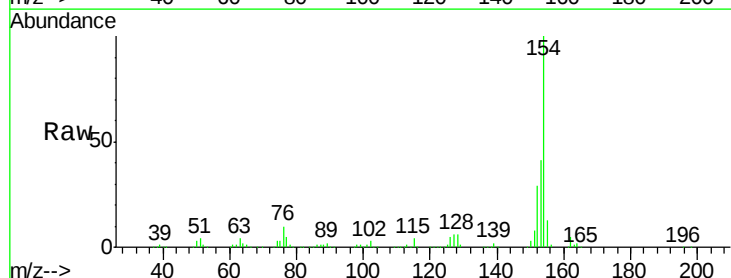
Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Tgt Ion:154 Resp: 817078

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	10.0	0.0	34.8

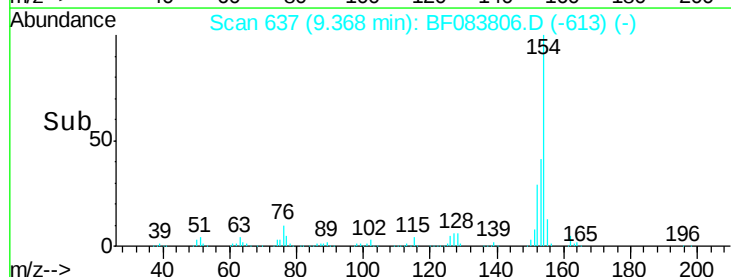
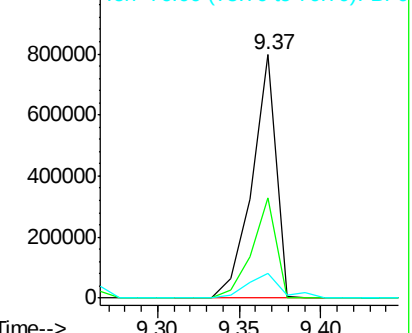


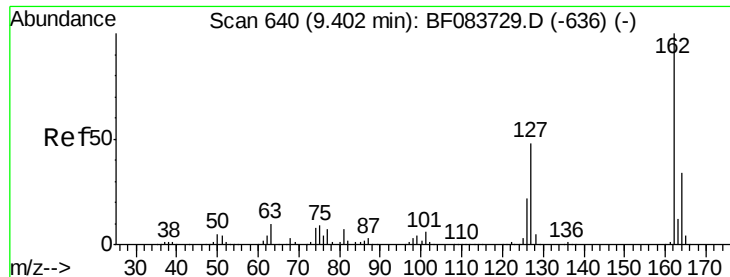
Abundance

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

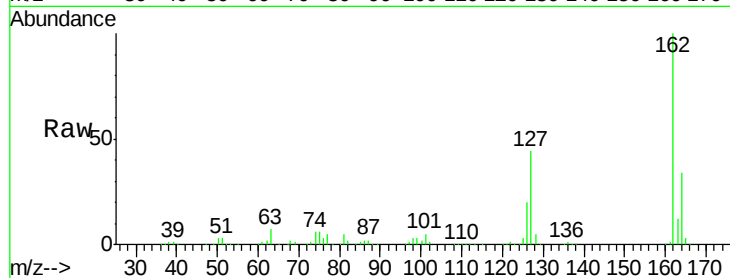




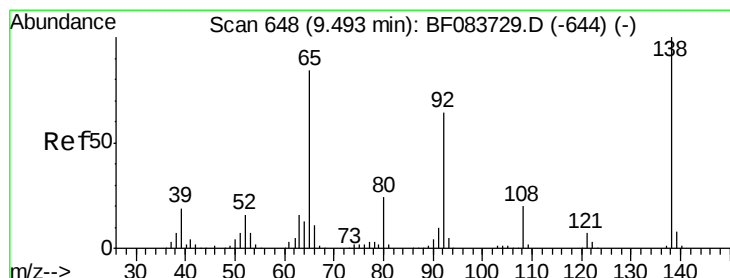
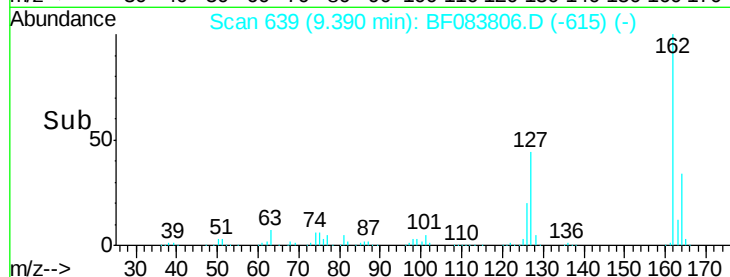
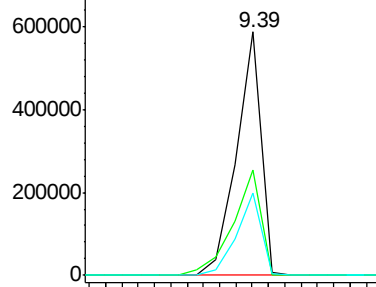
#46
 2-Chloronaphthalene
 Concen: 45.56 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

Tot Ion:162 Resp: 617775
 Ion Ratio Lower Upper
 162 100
 127 43.5 31.0 46.4
 164 34.0 27.4 41.0

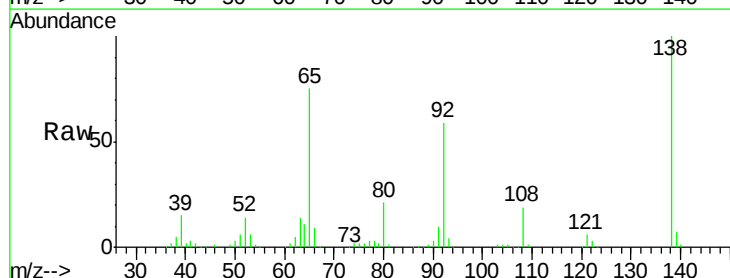


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

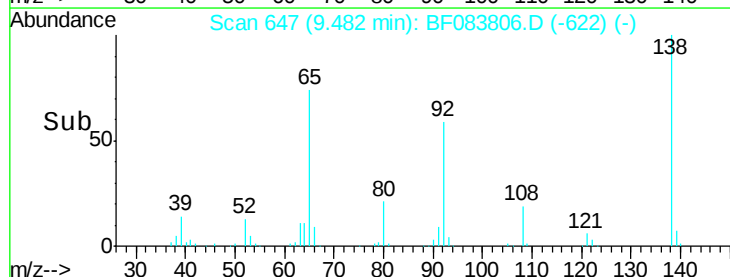
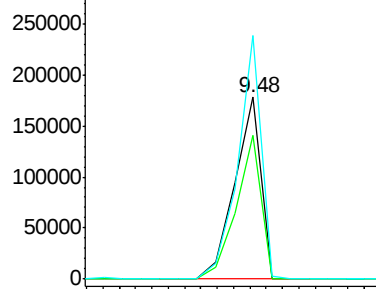


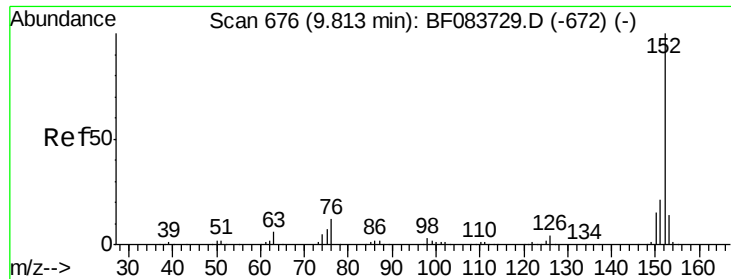
#47
 2-Nitroaniline
 Concen: 51.90 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion: 65 Resp: 199608
 Ion Ratio Lower Upper
 65 100
 92 78.7 49.6 74.4#
 138 133.8 64.1 96.1#



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





#48

Acenaphthylene

Concen: 40.83 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

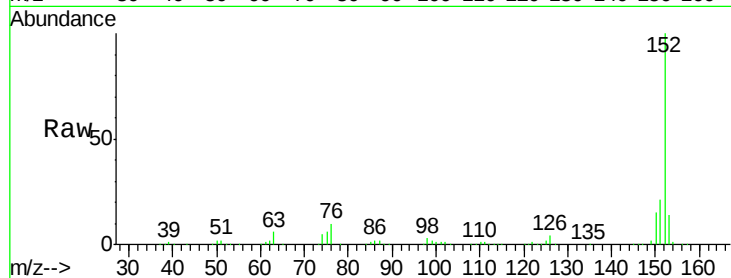
Tot Ion:152 Resp: 931578

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

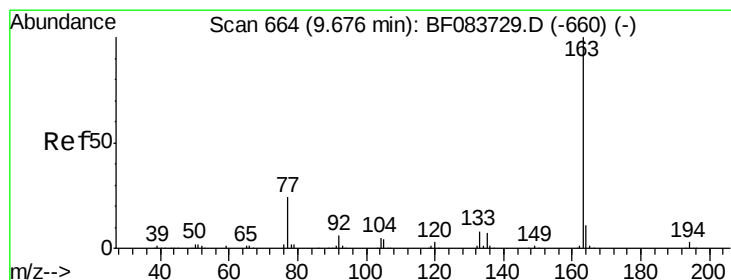
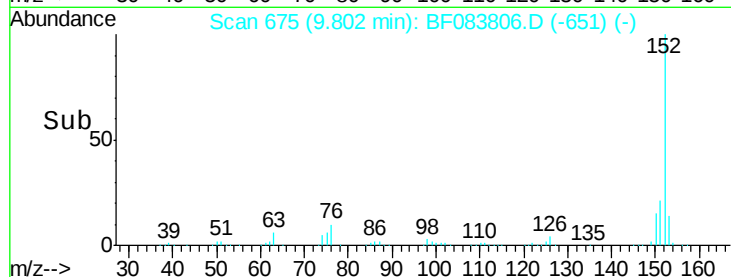
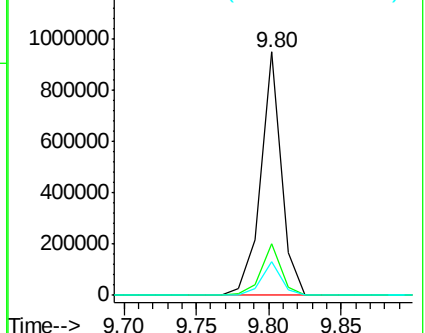
153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.61 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

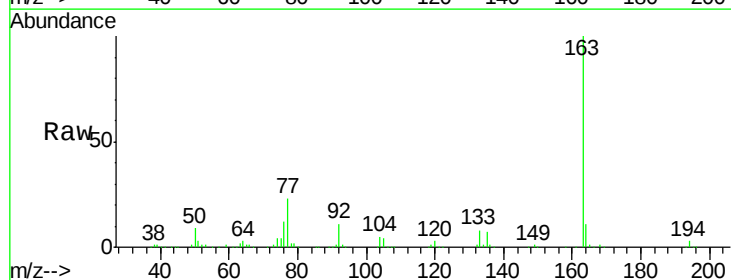
Tgt Ion:163 Resp: 688652

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

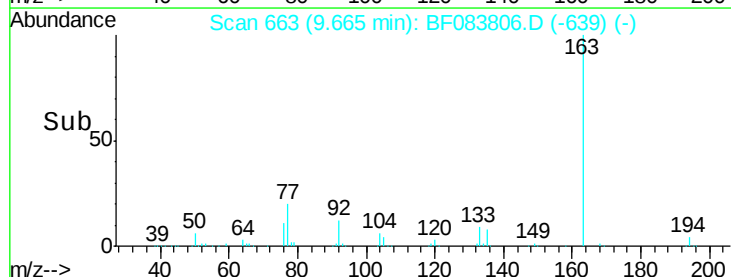
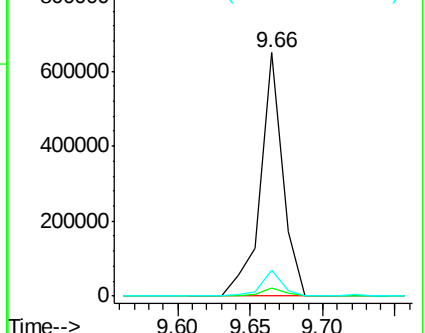
164 10.7 8.6 13.0

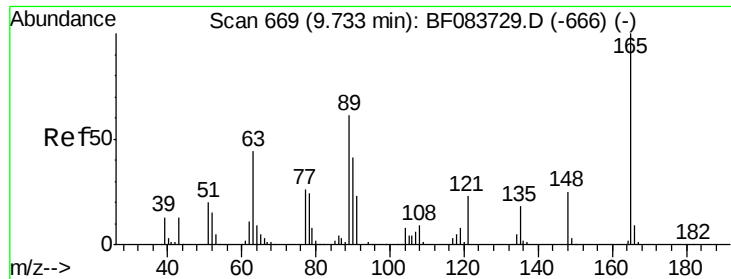


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

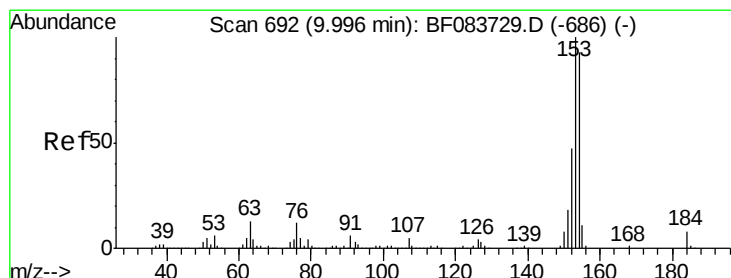
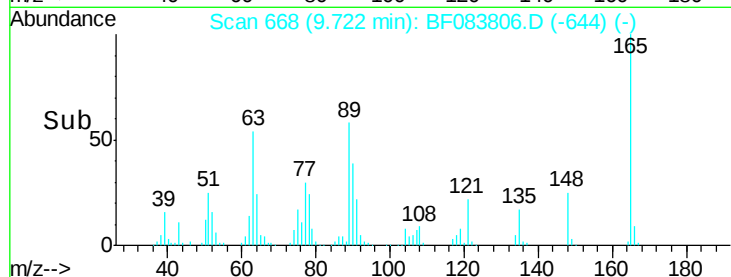
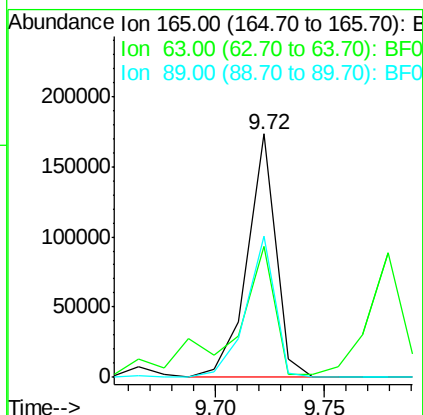
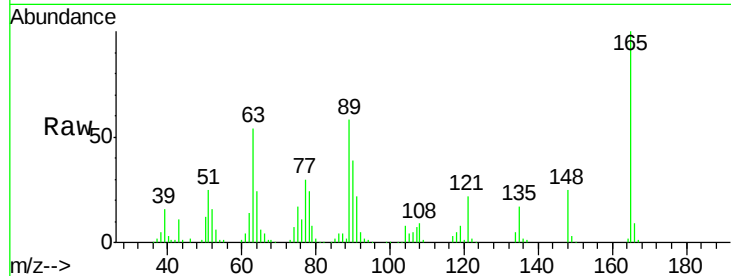




#50
2,6-Dinitrotoluene
Concen: 46.27 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

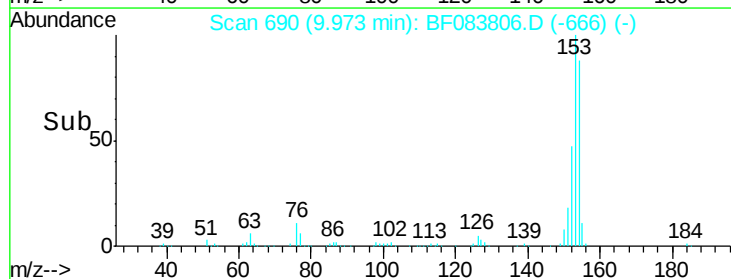
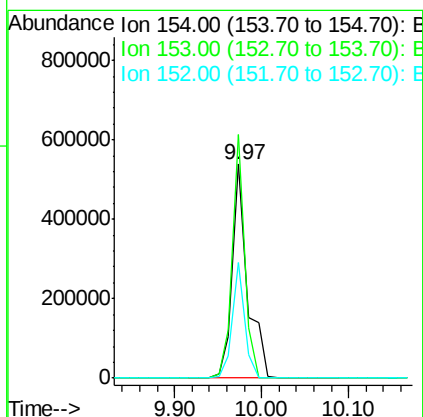
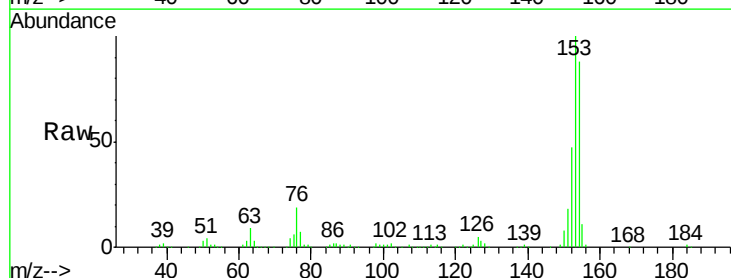
Instrument :
BNA_F
ClientSampleId :
PB87256BSD

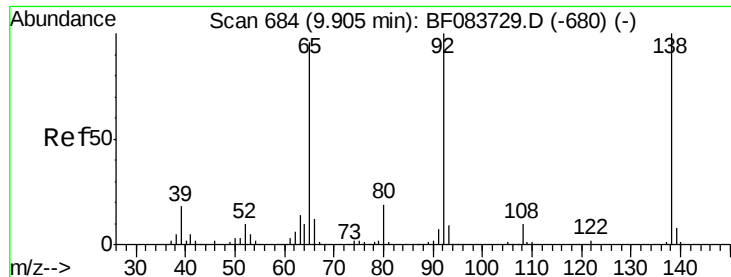
Tot Ion:165 Resp: 158707
Ion Ratio Lower Upper
165 100
63 54.0 56.9 85.3#
89 58.1 52.1 78.1



#51
Acenaphthene
Concen: 47.57 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:154 Resp: 656144
Ion Ratio Lower Upper
154 100
153 113.8 91.4 137.0
152 54.0 43.4 65.2

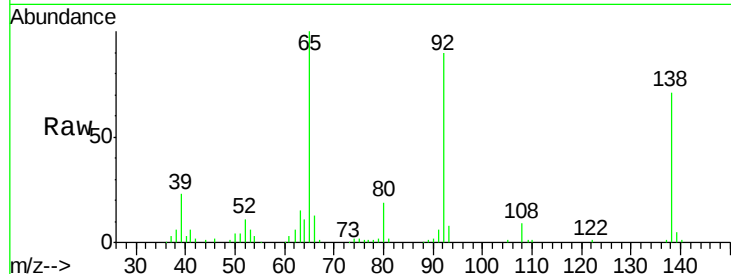




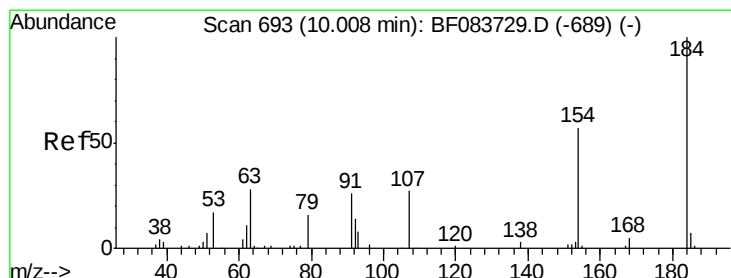
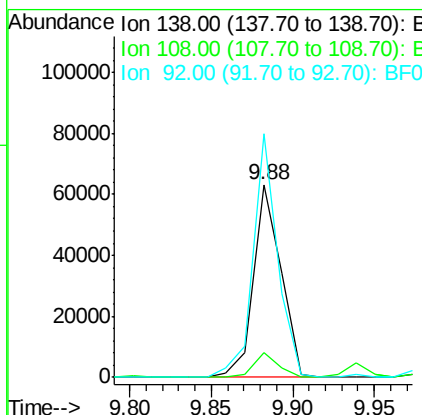
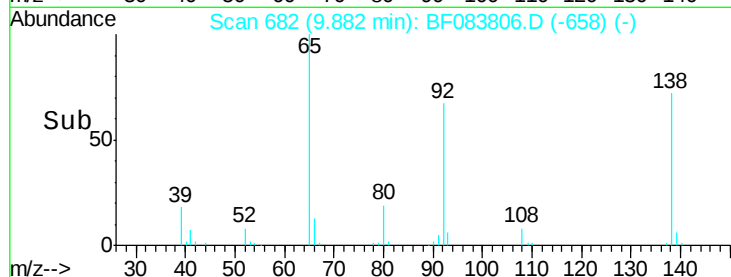
#52
 3-Nitroaniline
 Concen: 18.62 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

Tot Ion:138 Resp: 73628
 Ion Ratio Lower Upper
 138 100
 108 12.8 9.9 14.9
 92 126.5 113.8 170.8

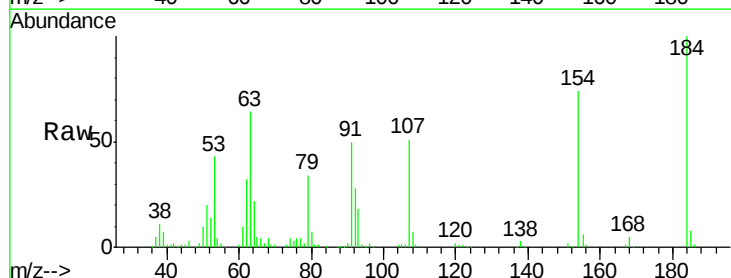


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

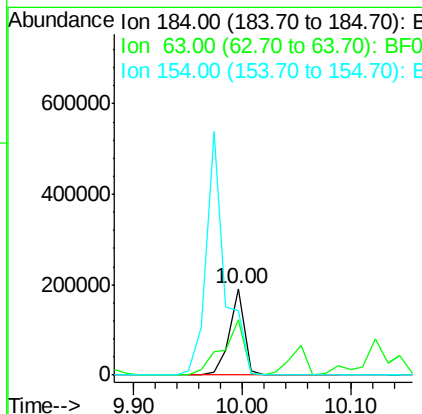
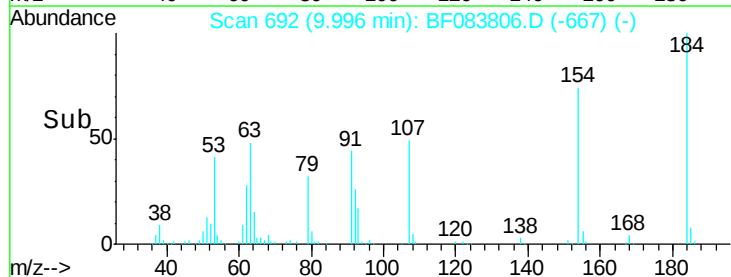


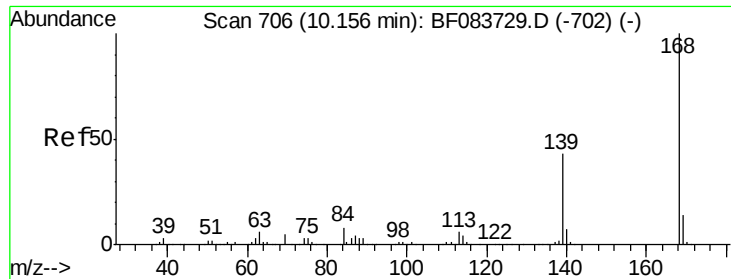
#53
 2,4-Dinitrophenol
 Concen: 91.49 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion:184 Resp: 181376
 Ion Ratio Lower Upper
 184 100
 63 63.7 62.4 93.6
 154 73.7 46.6 69.8#



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

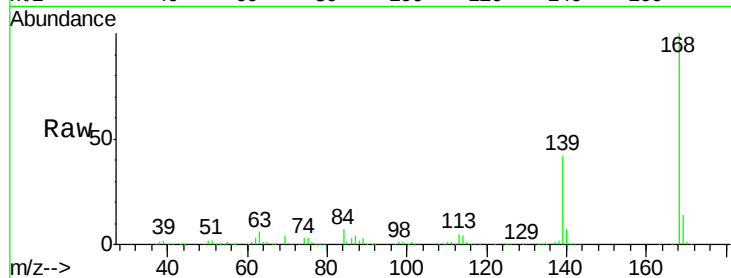




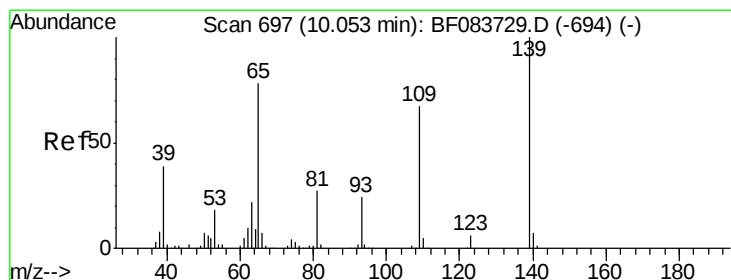
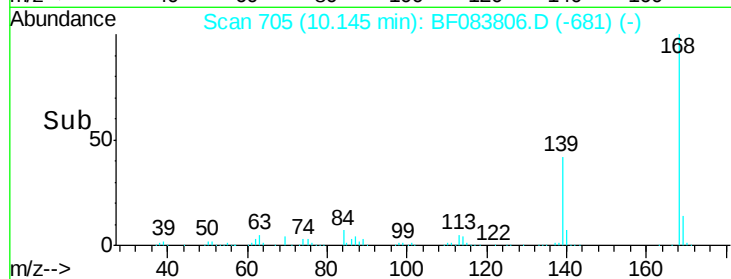
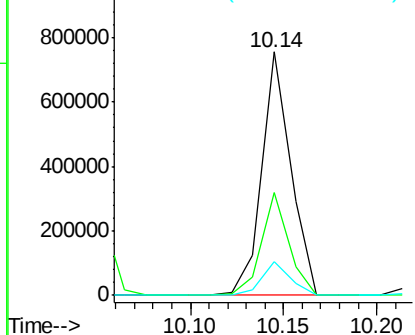
#54
Dibenzofuran
Concen: 44.43 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion:168 Resp: 811952
Ion Ratio Lower Upper
168 100
139 42.2 28.0 42.0#
169 14.1 10.8 16.2

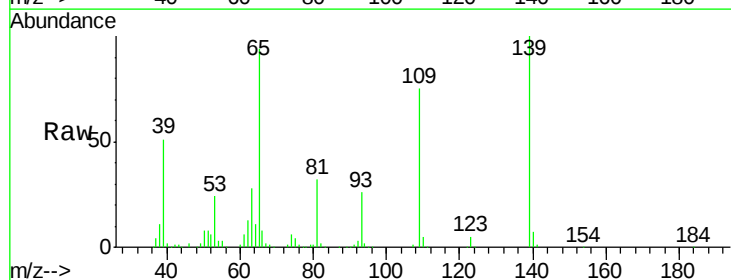


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

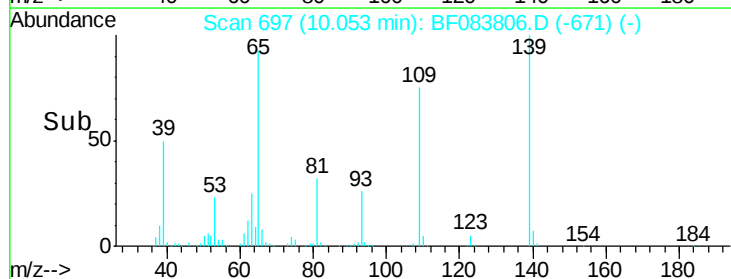
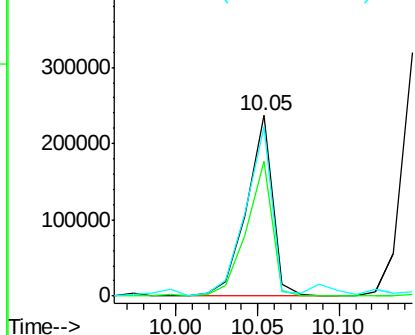


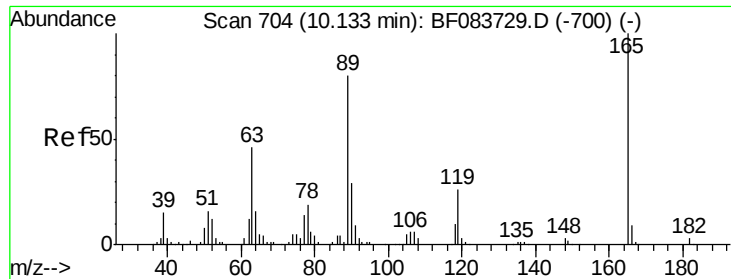
#55
4-Nitrophenol
Concen: 89.76 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:139 Resp: 262812
Ion Ratio Lower Upper
139 100
109 74.8 42.0 82.0
65 93.6 89.2 129.2



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: 49.38 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

Tot Ion:165 Resp: 221257

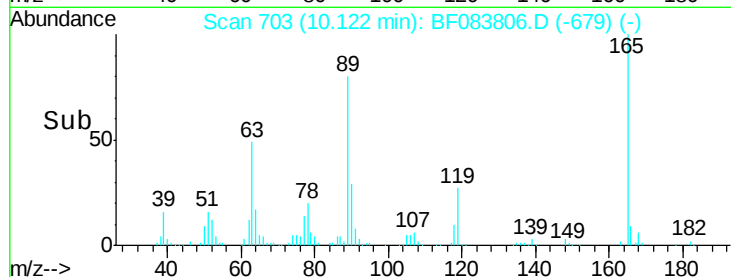
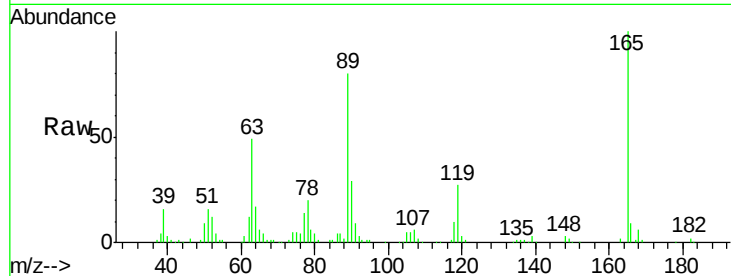
Ion Ratio Lower Upper

165 100

63 48.8 51.4 77.2#

89 79.9 72.6 108.8

182 2.3 1.4 2.0#

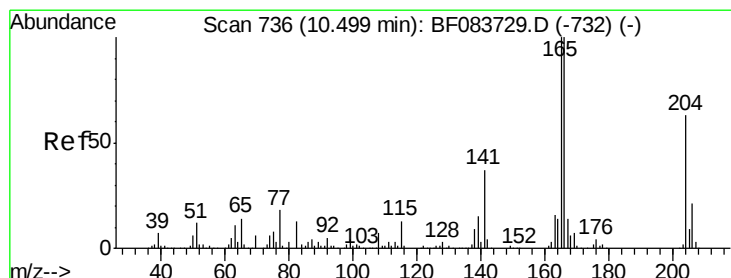
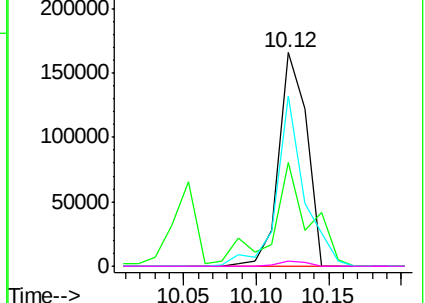


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.78 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

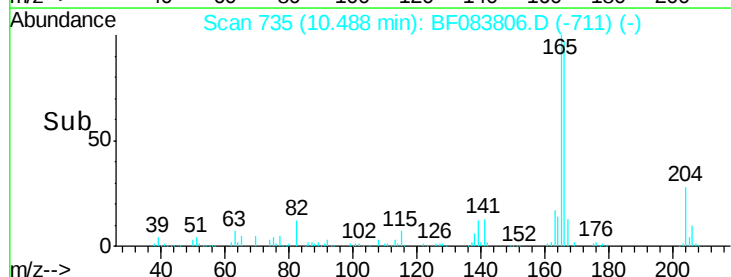
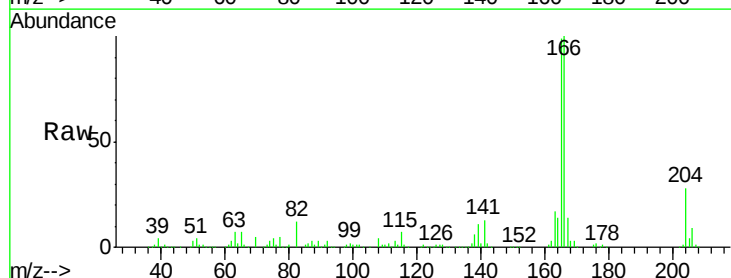
Tgt Ion:166 Resp: 601222

Ion Ratio Lower Upper

166 100

165 99.3 80.0 120.0

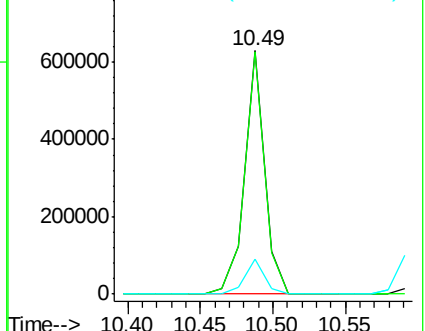
167 14.1 10.6 16.0

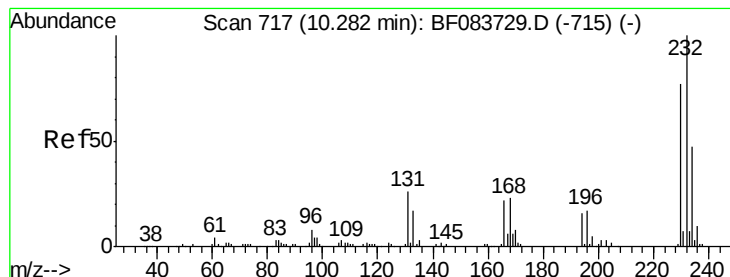


Abundance Ion 166.00 (165.70 to 166.70): E

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: 51.04 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

Tot Ion:232 Resp: 162536

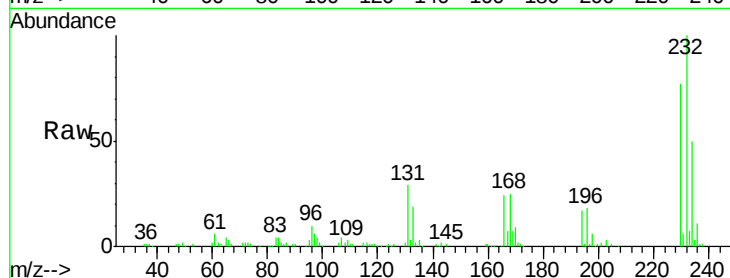
Ion Ratio Lower Upper

232 100

131 52.5 0.0 0.0#

130 2.6 0.0 0.0#

166 35.1 0.0 0.0#

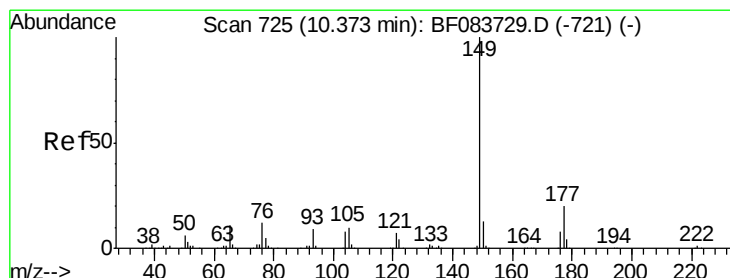
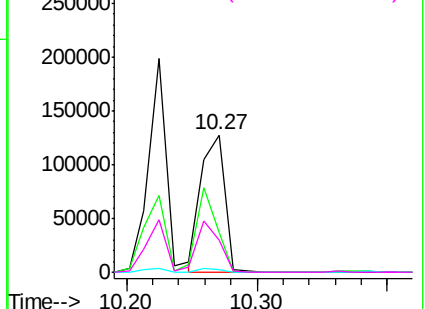
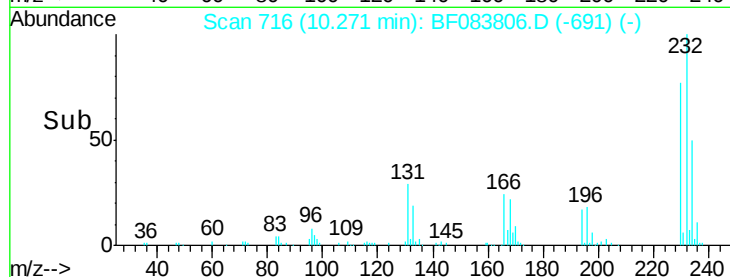


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.55 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

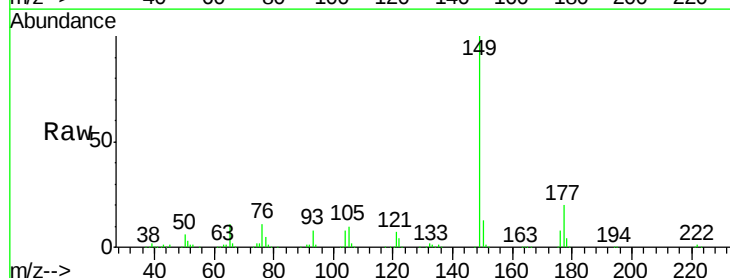
Tgt Ion:149 Resp: 712588

Ion Ratio Lower Upper

149 100

177 20.0 16.9 25.3

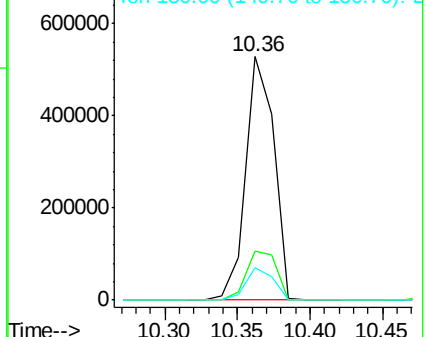
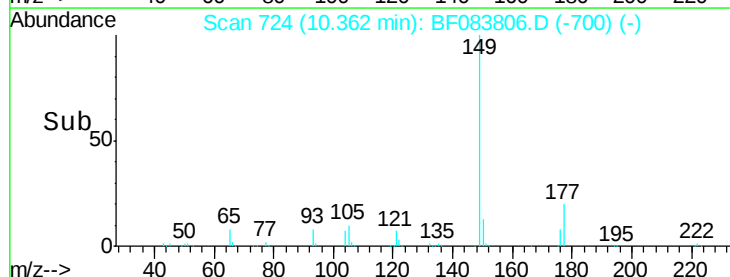
150 13.3 10.2 15.4

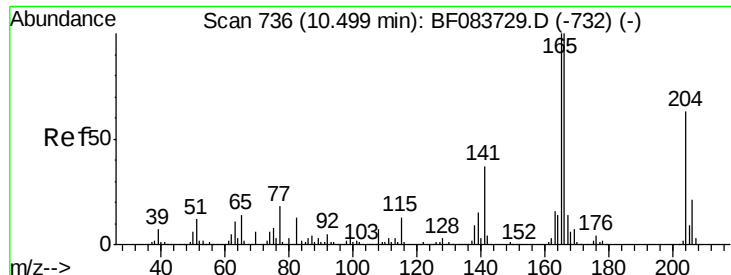


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

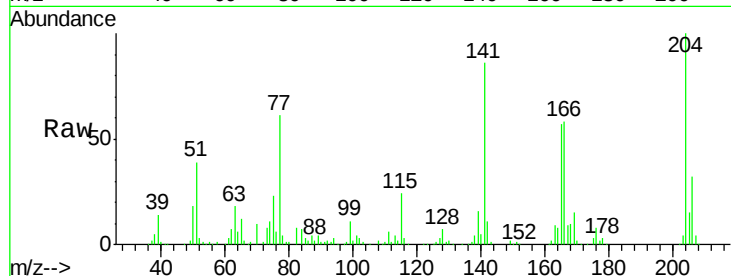




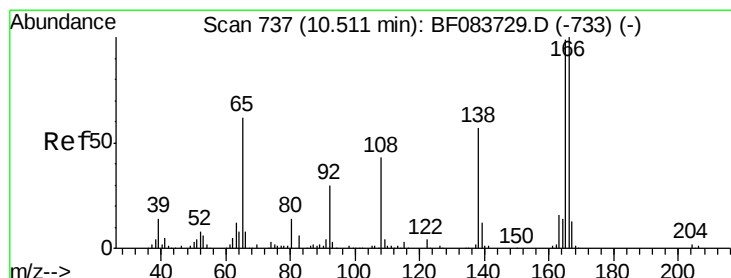
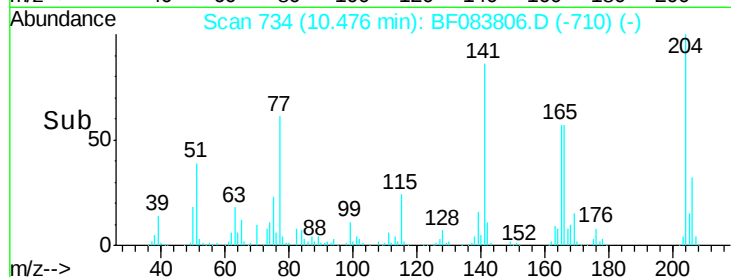
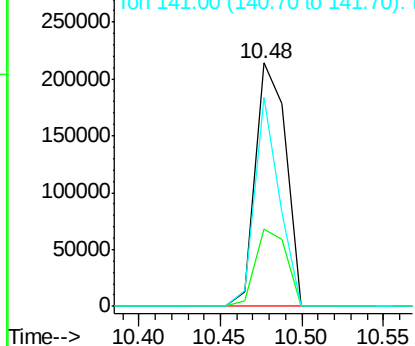
#60
4-Chlorophenyl-phenylether
Concen: 42.36 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion:204 Resp: 277989
Ion Ratio Lower Upper
204 100
206 31.8 27.3 40.9
141 85.7 51.9 77.9#

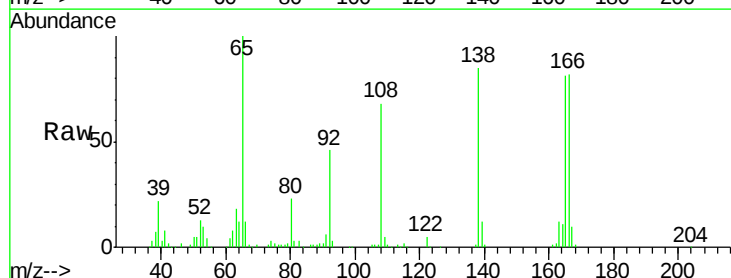


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

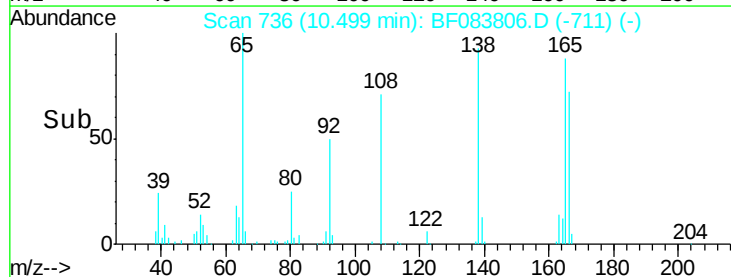
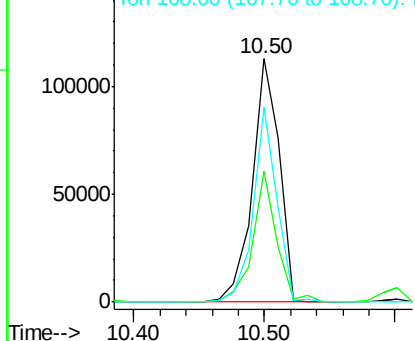


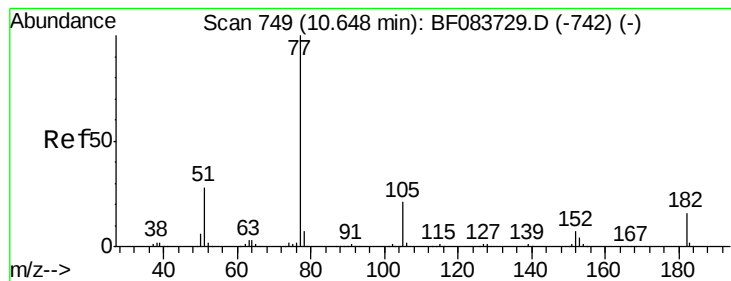
#61
4-Nitroaniline
Concen: 46.21 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:138 Resp: 161051
Ion Ratio Lower Upper
138 100
92 54.0 29.0 69.0
108 80.0 47.4 87.4



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





#62

Azobenzene

Concen: 46.50 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

Tot Ion: 77 Resp: 693528

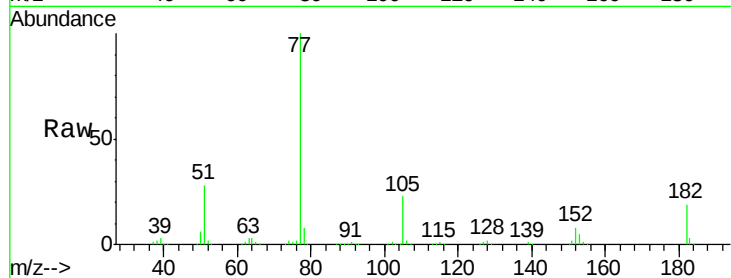
Ion Ratio Lower Upper

77 100

182 19.2 2.5 42.5

105 23.3 2.1 42.1

51 28.5 9.3 49.3

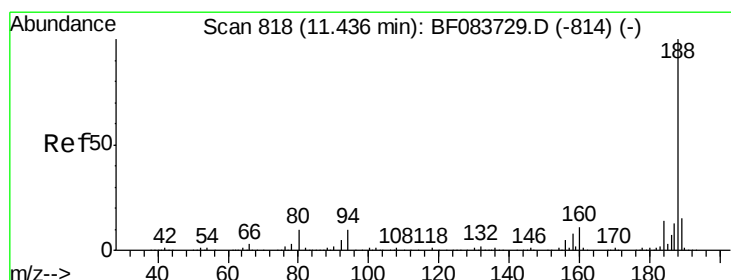
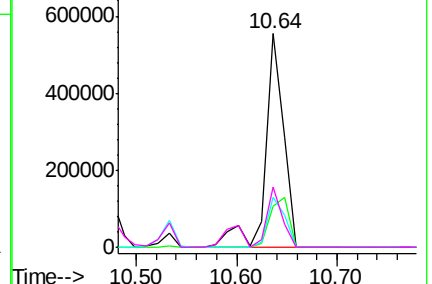
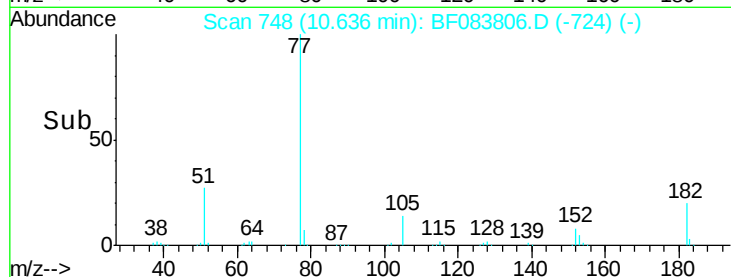


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

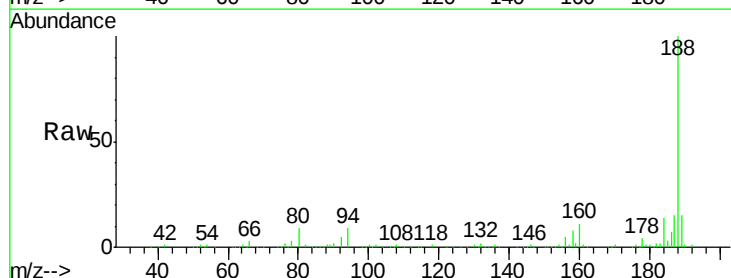
Tgt Ion: 188 Resp: 398989

Ion Ratio Lower Upper

188 100

94 8.6 9.4 14.2#

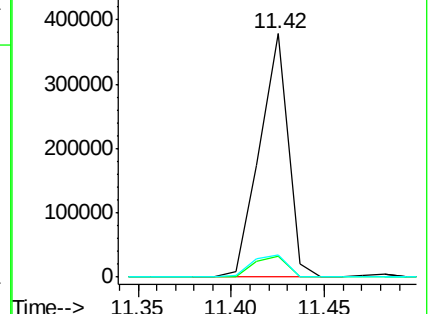
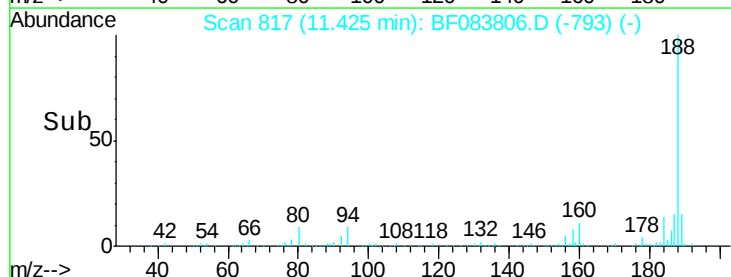
80 8.9 10.6 16.0#

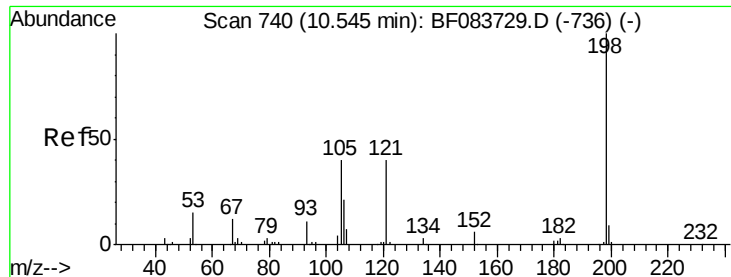


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

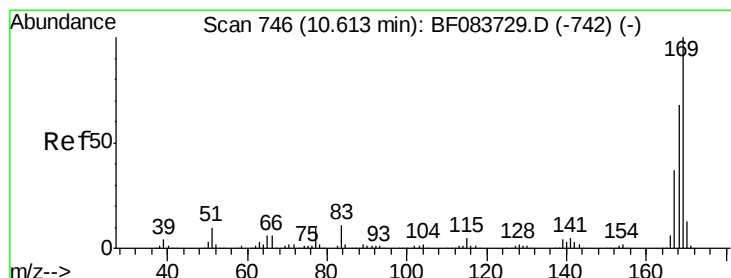
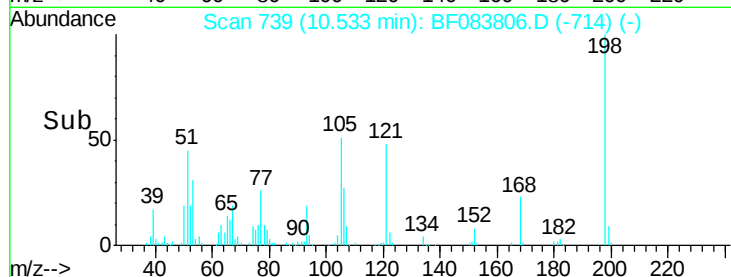
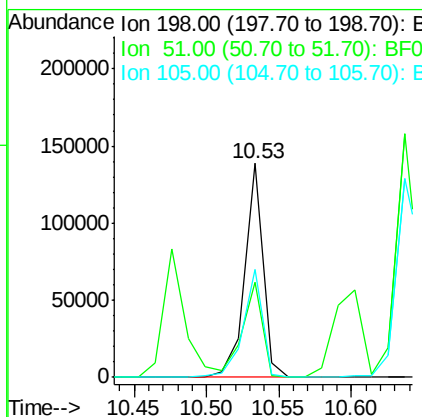
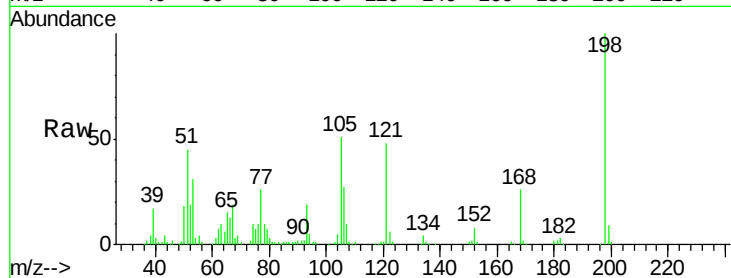




#64
4,6-Dinitro-2-methylphenol
Concen: 53.55 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

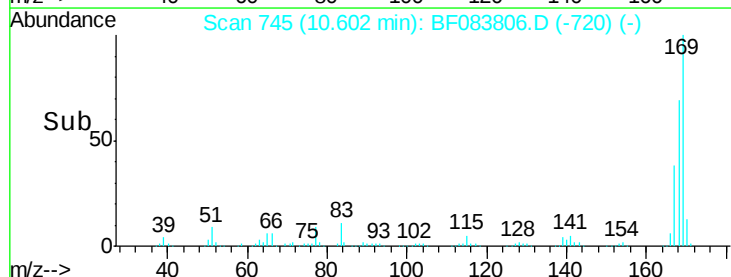
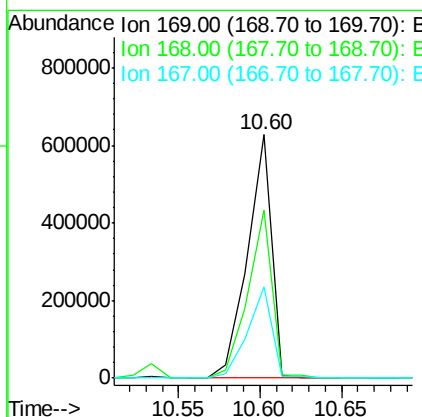
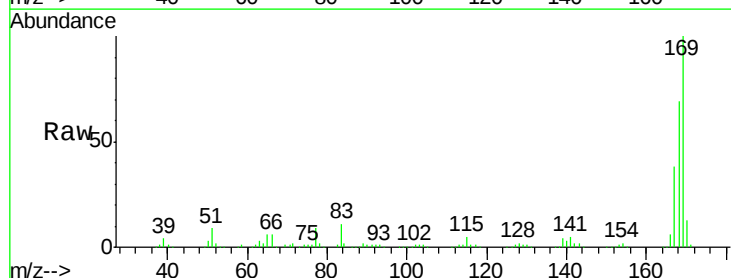
Instrument :
BNA_F
ClientSampled :
PB87256BSD

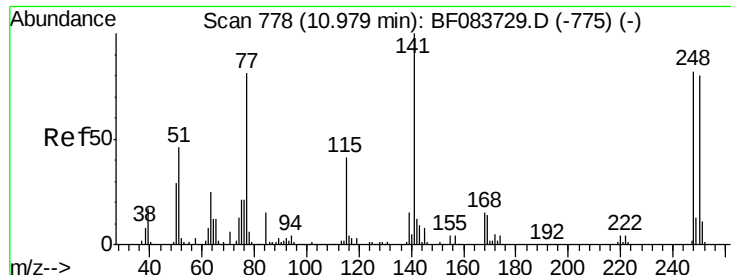
Tot Ion:198 Resp: 121566
Ion Ratio Lower Upper
198 100
51 44.7 53.8 93.8#
105 50.5 38.6 78.6



#65
n-Nitrosodiphenylamine
Concen: 47.28 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:169 Resp: 645215
Ion Ratio Lower Upper
169 100
168 68.9 53.0 79.6
167 37.6 29.3 43.9

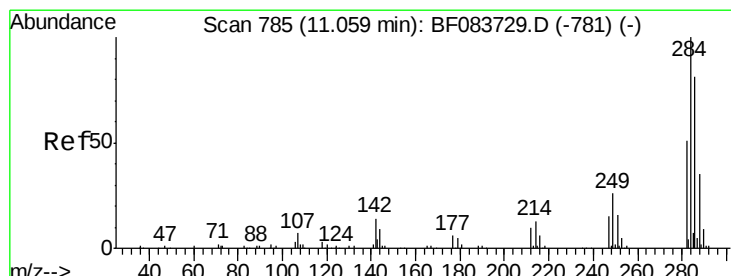
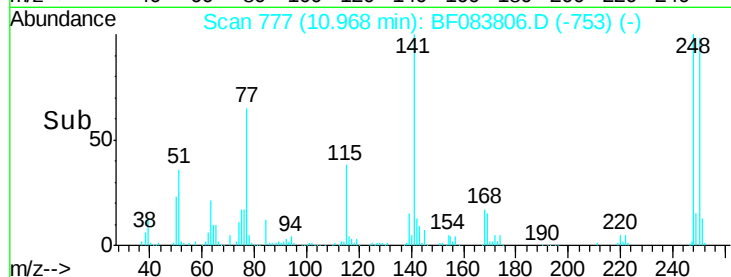
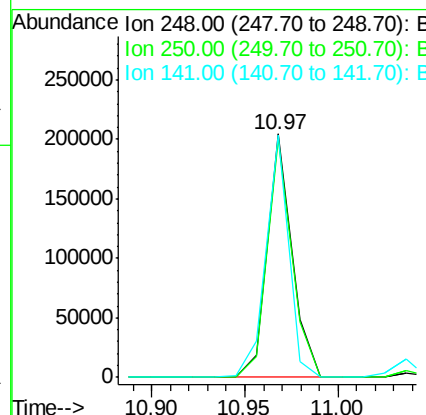
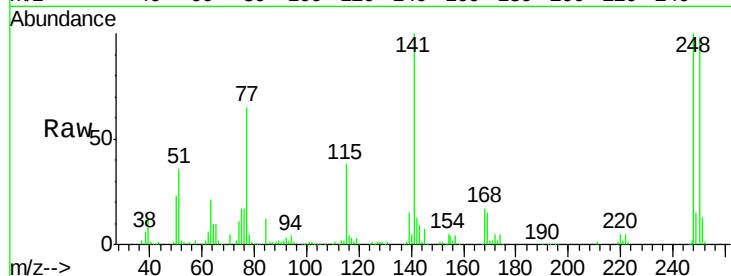




#66
4-Bromophenyl-phenylether
Concen: 41.93 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

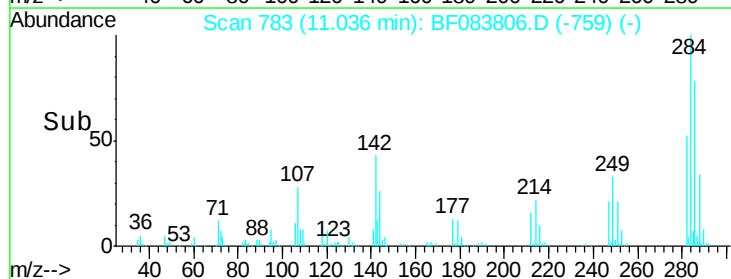
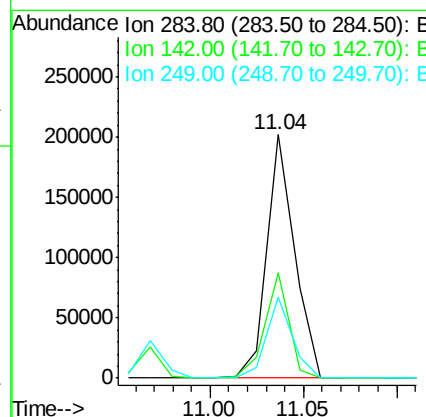
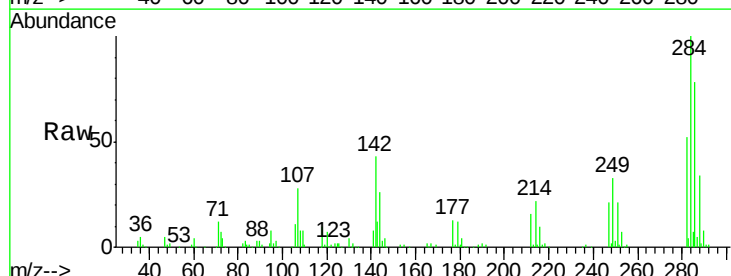
Instrument :
BNA_F
ClientSampleID :
PB87256BSD

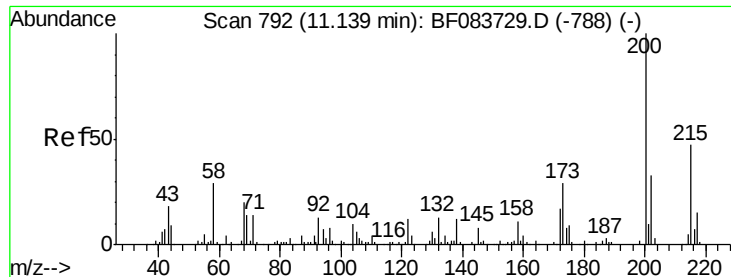
Tot Ion:248 Resp: 187067
Ion Ratio Lower Upper
248 100
250 98.0 79.2 118.8
141 99.7 58.2 87.4#



#67
Hexachlorobenzene
Concen: 42.72 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:284 Resp: 206231
Ion Ratio Lower Upper
284 100
142 43.3 31.0 46.4
249 33.1 26.9 40.3

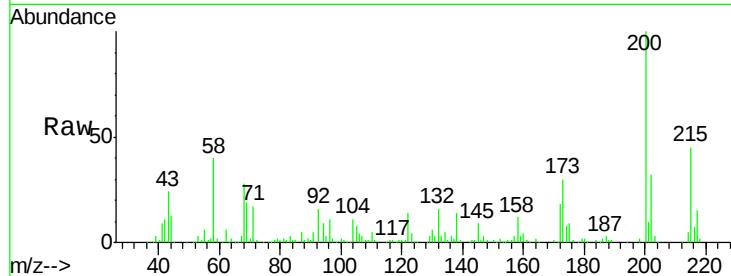




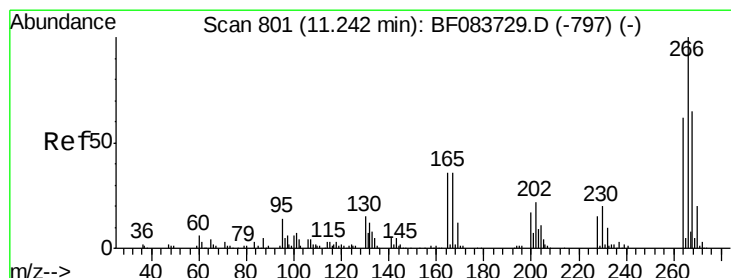
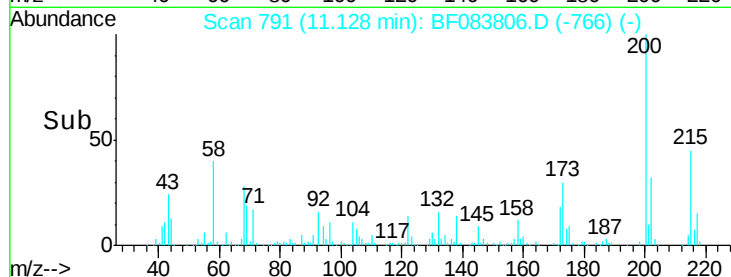
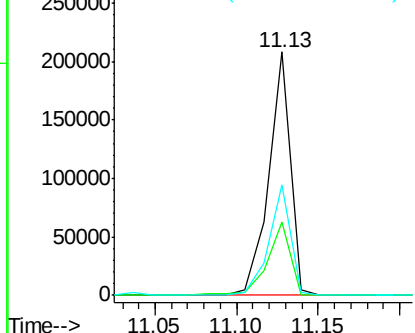
#68
Atrazine
Concen: 49.57 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion:200 Resp: 192441
Ion Ratio Lower Upper
200 100
173 30.4 7.8 47.8
215 45.4 25.7 65.7

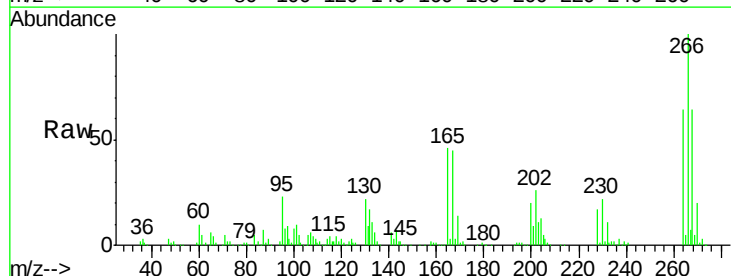


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

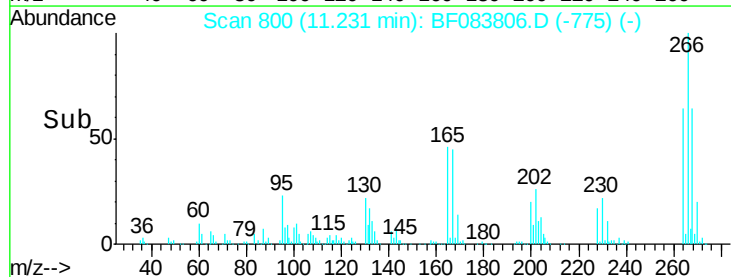
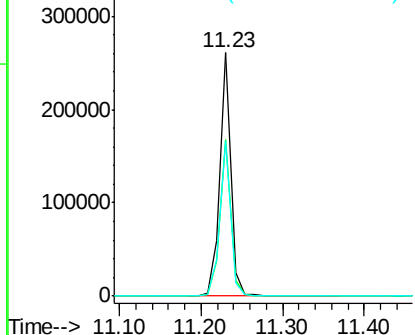


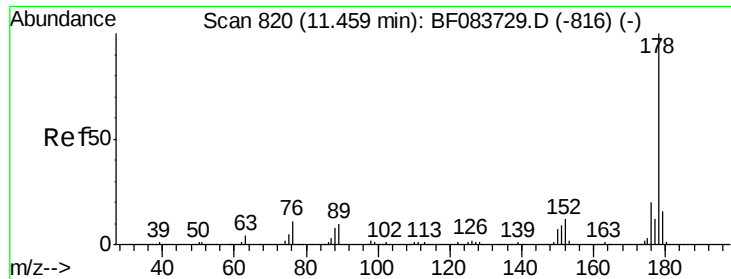
#69
Pentachlorophenol
Concen: 89.65 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:266 Resp: 244092
Ion Ratio Lower Upper
266 100
268 64.4 50.2 75.2
264 63.6 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

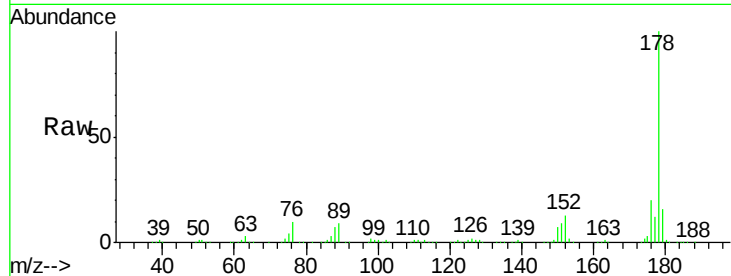




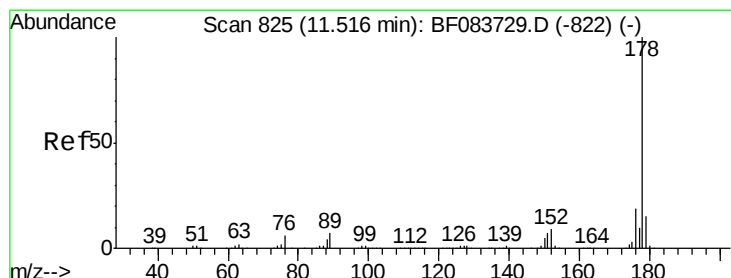
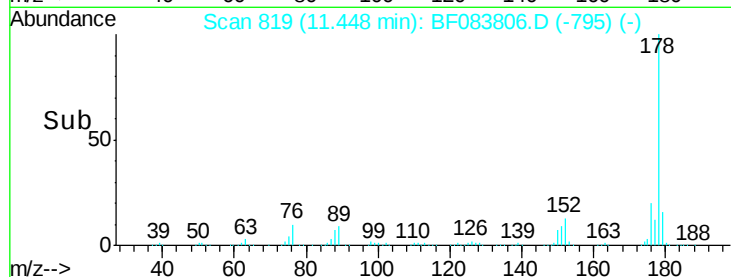
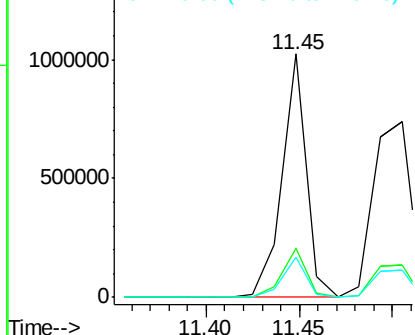
#70
Phenanthrene
Concen: 43.77 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Tot Ion:178 Resp: 927642
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.3 12.2 18.4

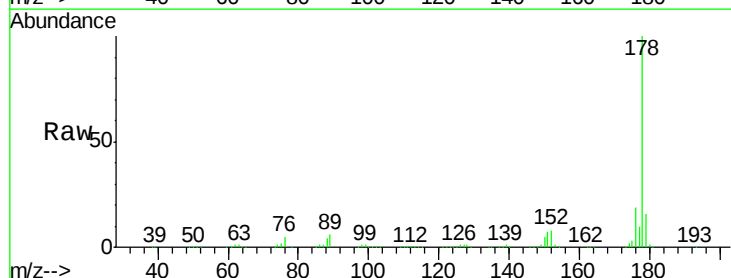


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

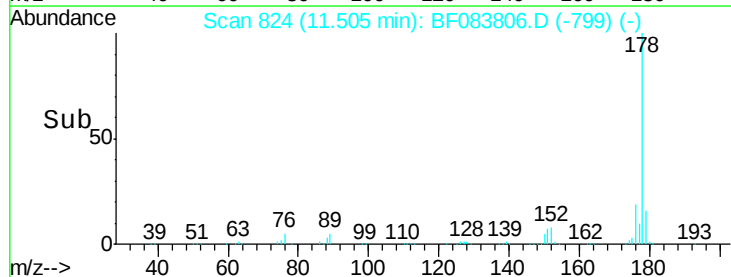
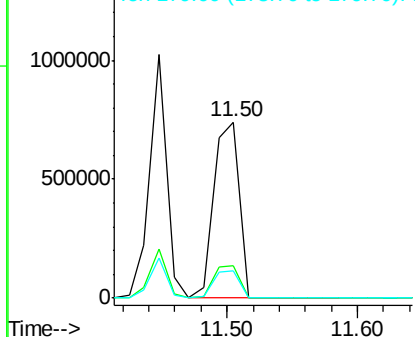


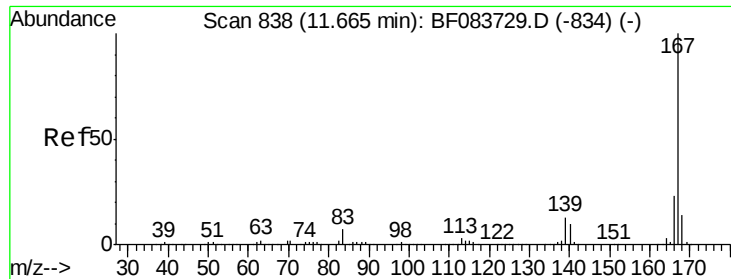
#71
Anthracene
Concen: 45.73 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:178 Resp: 1006596
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.6 12.6 18.8



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



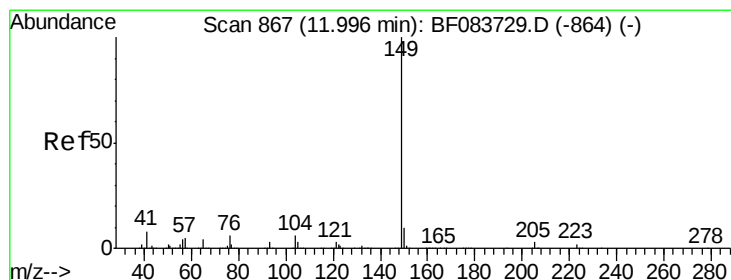
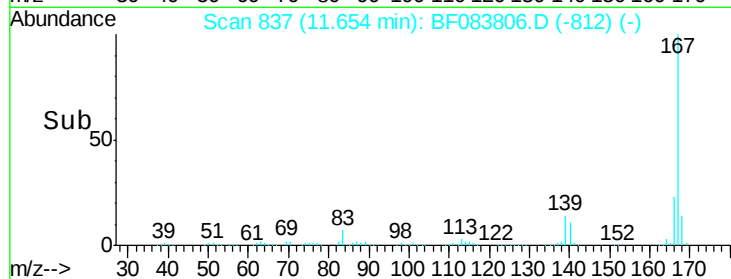
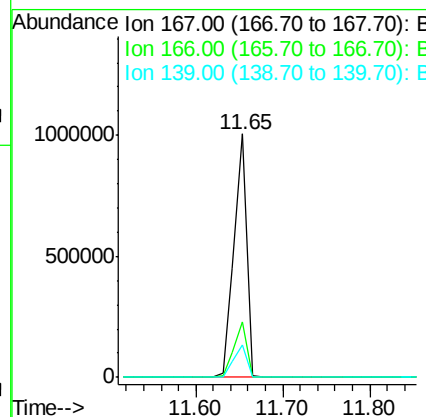
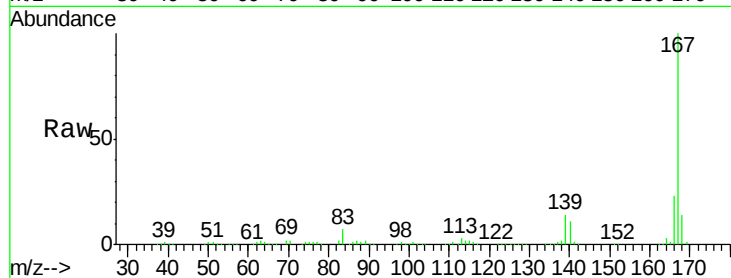


#72
 Carbazole
 Concen: 49.92 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

Tot Ion:167 Resp: 1023953

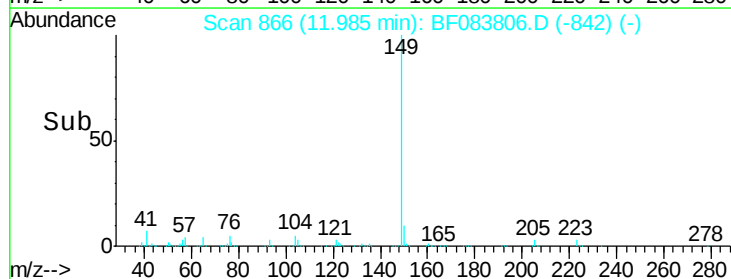
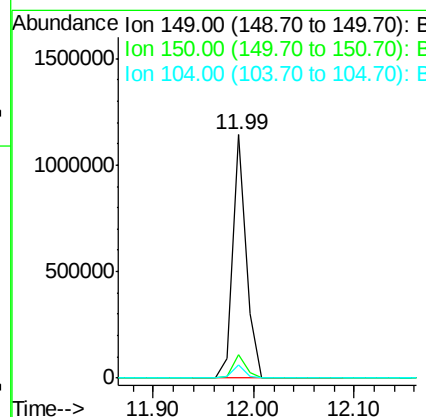
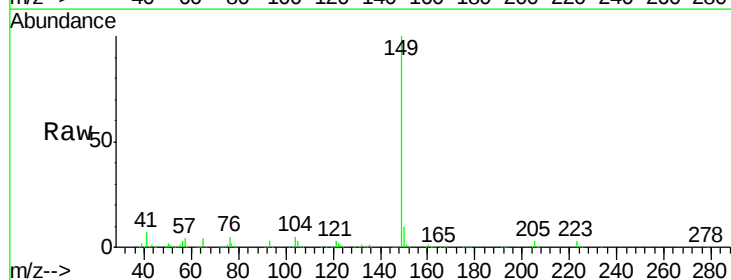
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	13.5	9.3	13.9

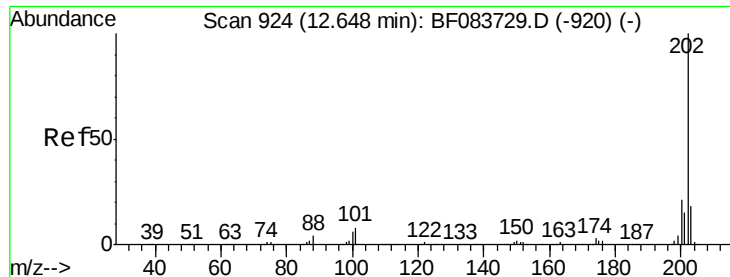


#73
 Di-n-butylphthalate
 Concen: 42.53 ng
 RT: 11.99 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion:149 Resp: 1059367

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.5	3.9	5.9

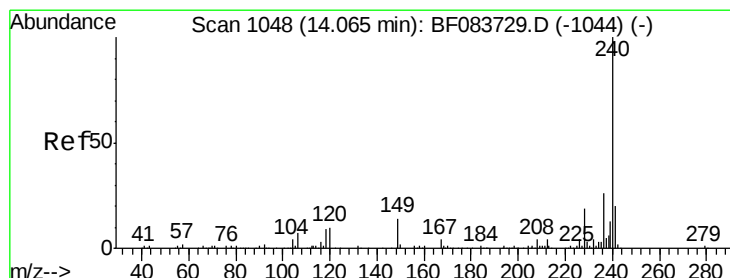
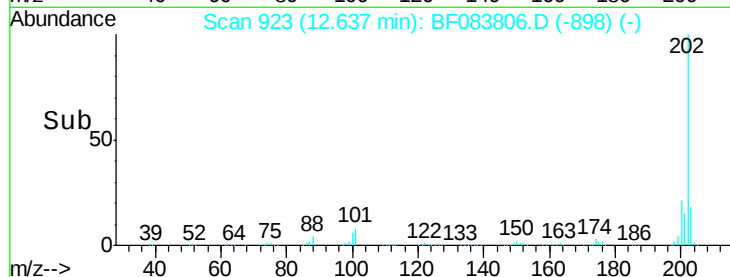
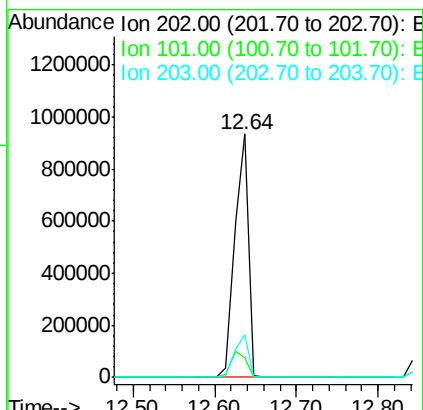
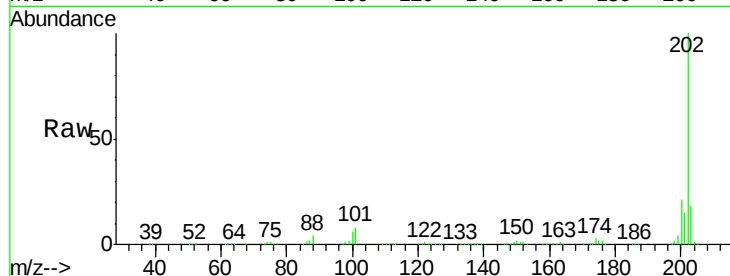




#74
 Fluoranthene
 Concen: 49.83 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

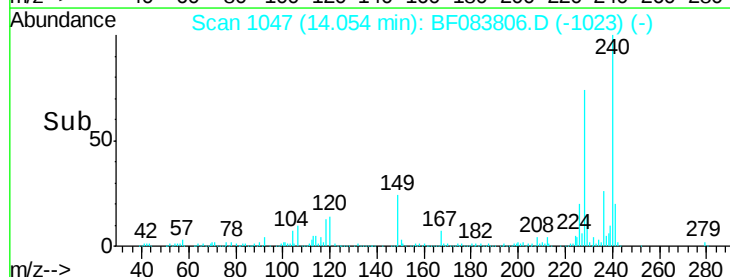
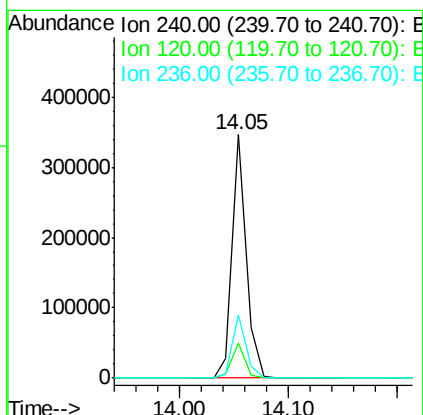
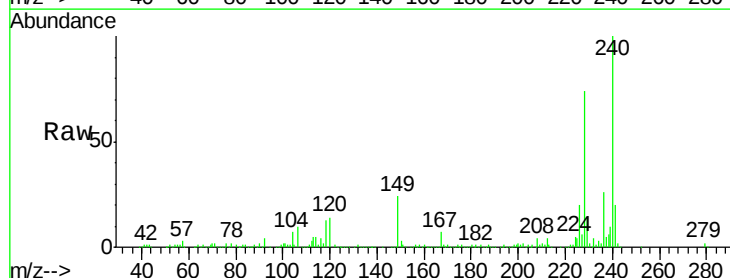
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BSD

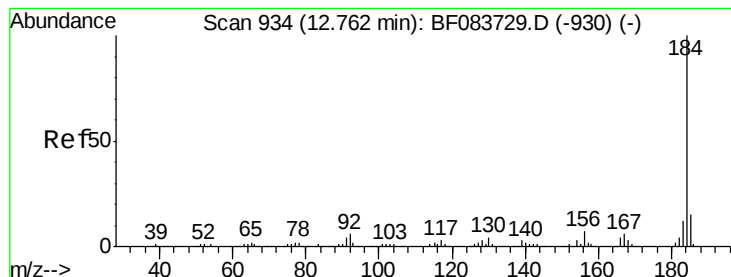
Tot Ion:202 Resp: 1091324
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 31.5
 203 17.7 0.0 37.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083806.D
 Acq: 15 Dec 2015 9:10

Tgt Ion:240 Resp: 310489
 Ion Ratio Lower Upper
 240 100
 120 14.4 8.1 12.1#
 236 25.9 20.8 31.2





#76

Benzidine

Concen: 33.17 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

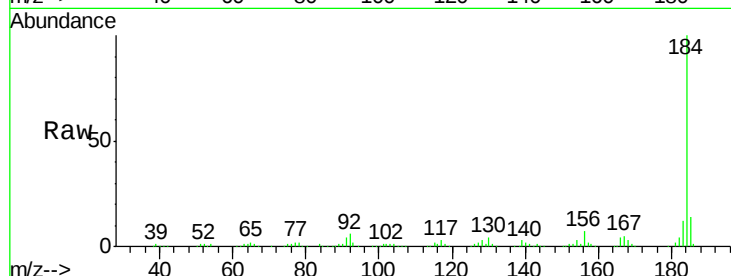
Tot Ion:184 Resp: 313818

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.6

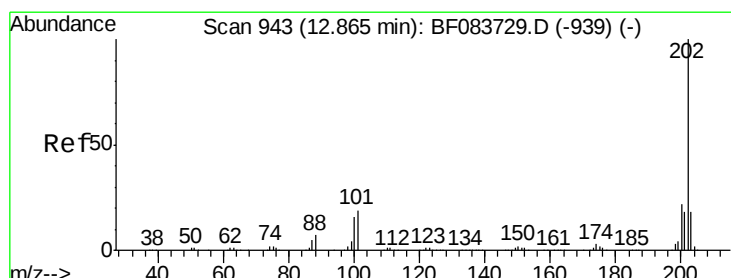
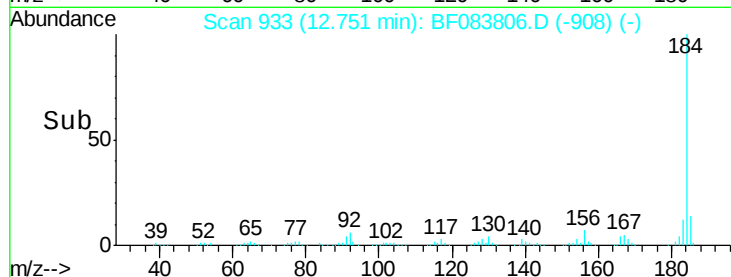
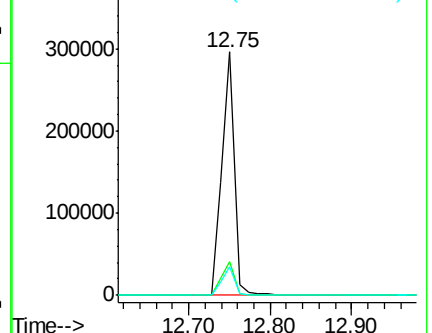
183 11.8 9.0 13.4



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: 44.73 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

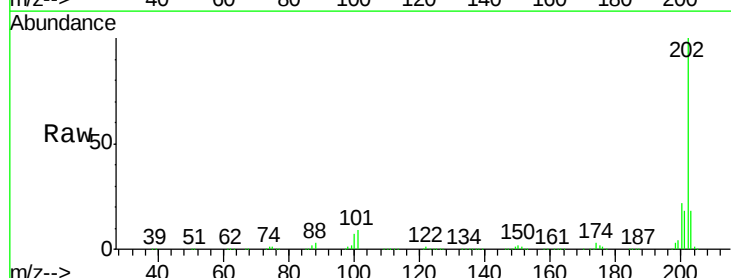
Tgt Ion:202 Resp: 1097645

Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

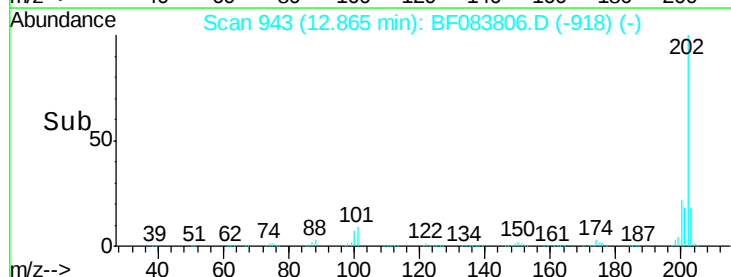
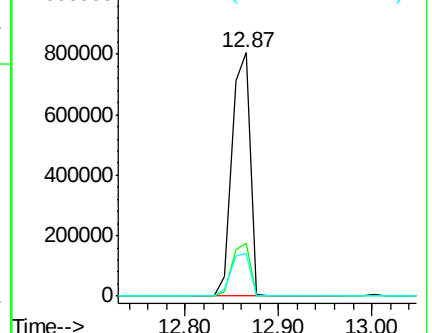
203 17.8 14.3 21.5

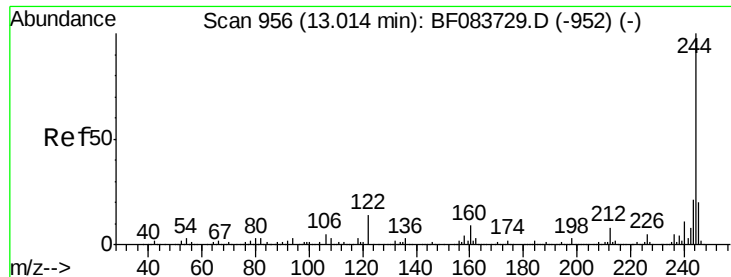


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.05 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

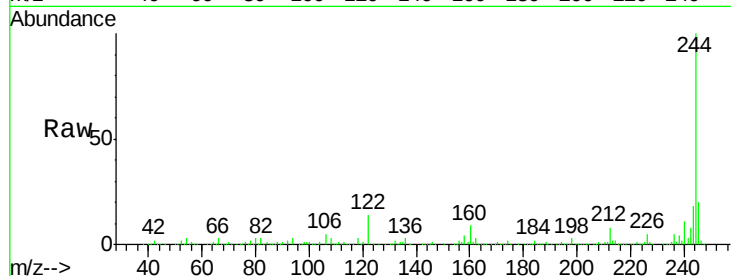
Tot Ion:244 Resp: 1126642

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

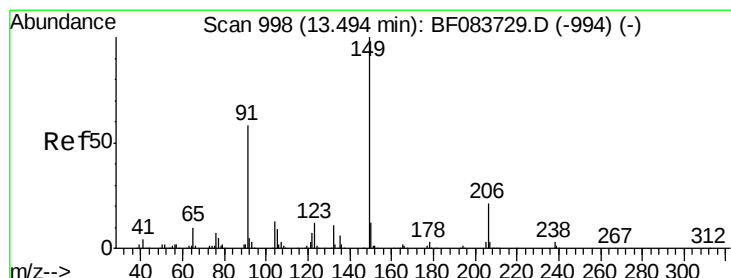
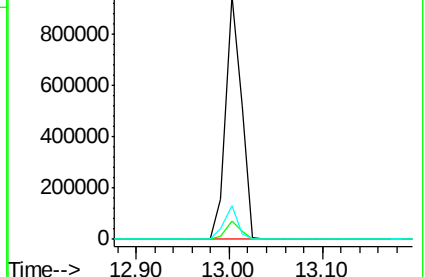
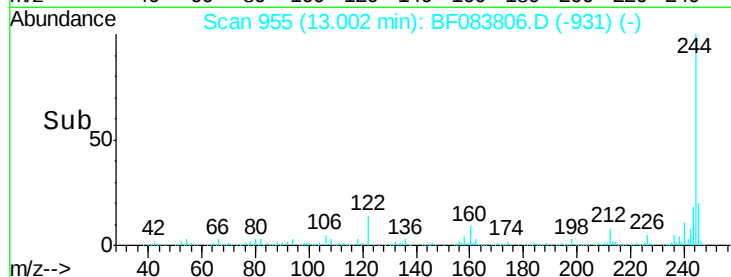
122 14.1 11.0 16.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.92 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

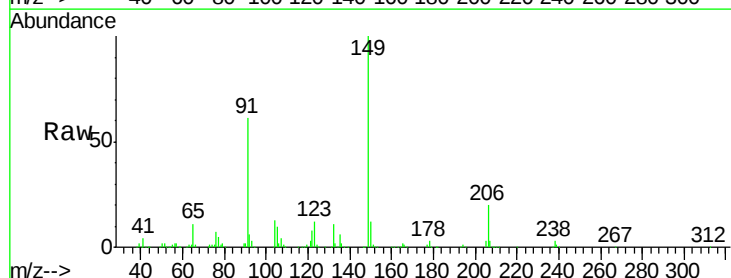
Tgt Ion:149 Resp: 515256

Ion Ratio Lower Upper

149 100

91 61.5 60.0 90.0

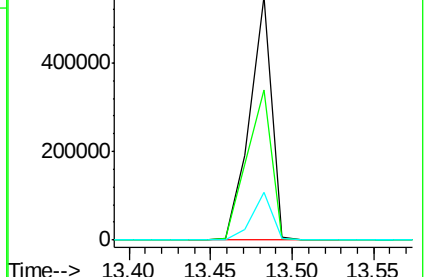
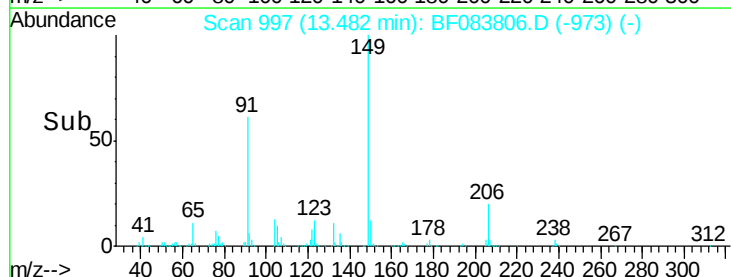
206 19.8 16.2 24.4

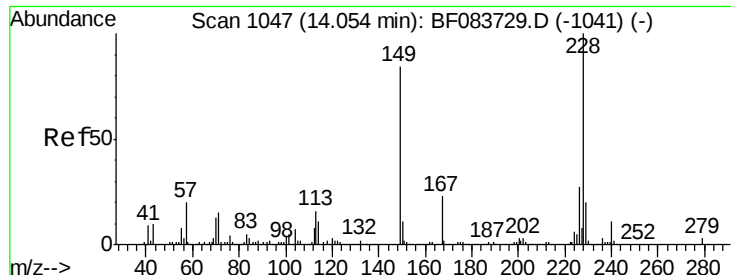


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.21 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

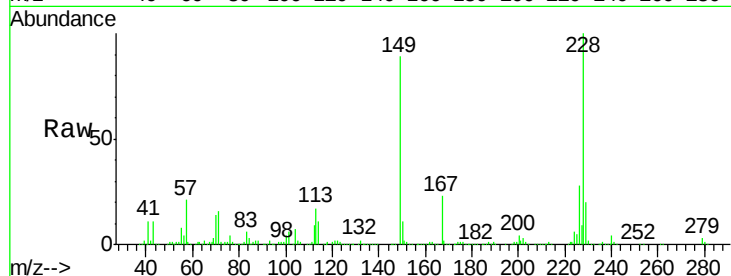
Tot Ion:228 Resp: 815940

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

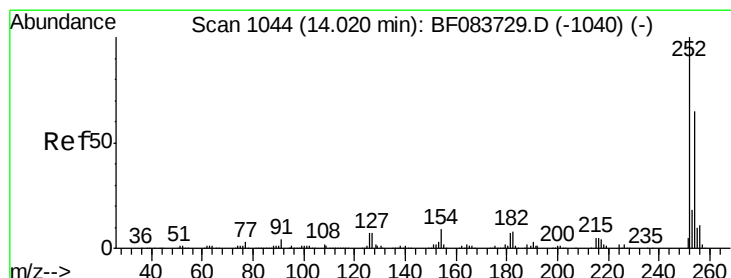
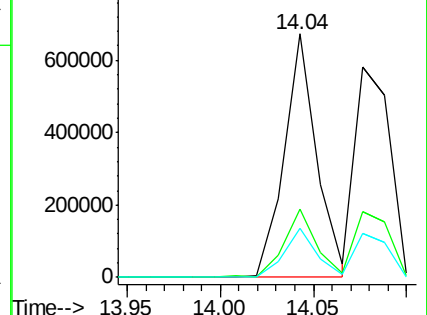
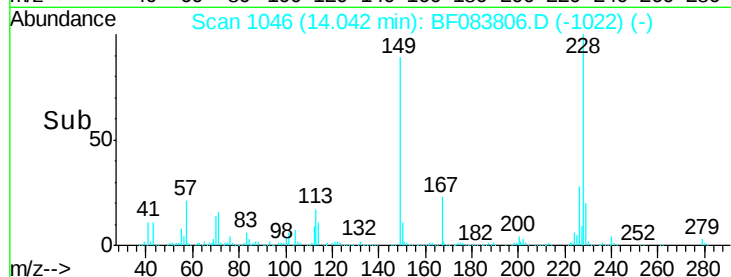
229 20.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 31.05 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

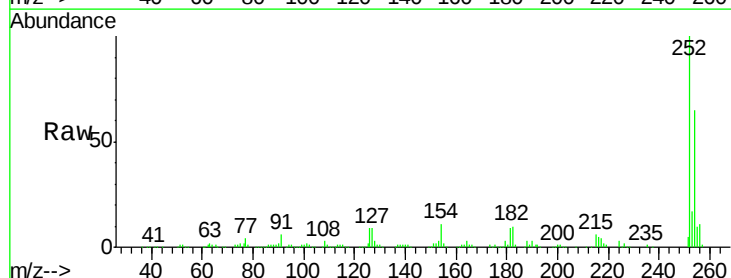
Tgt Ion:252 Resp: 197728

Ion Ratio Lower Upper

252 100

254 65.0 50.6 76.0

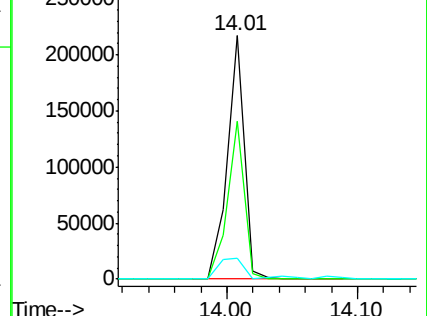
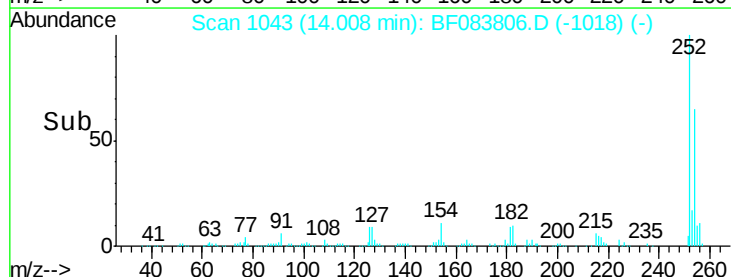
126 8.8 11.0 16.4#

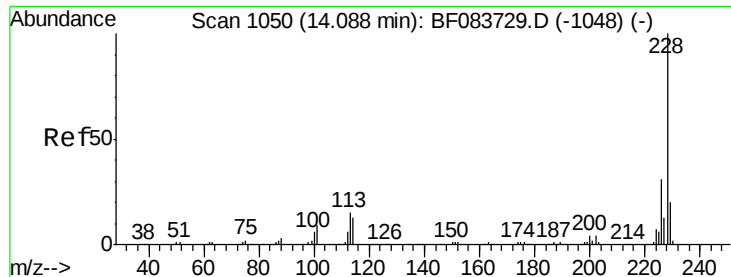


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.39 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

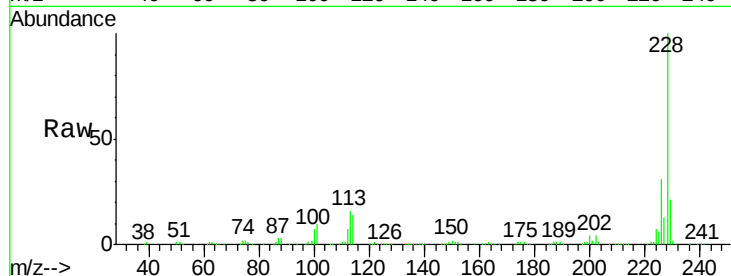
Tot Ion:228 Resp: 764440

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

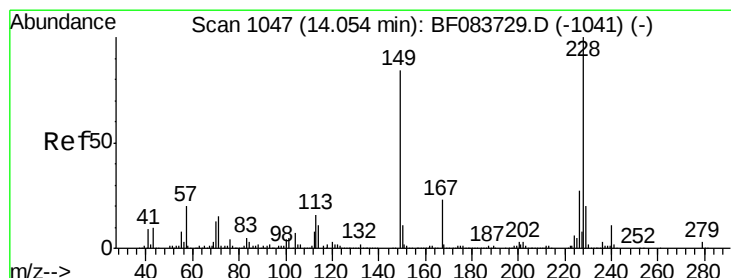
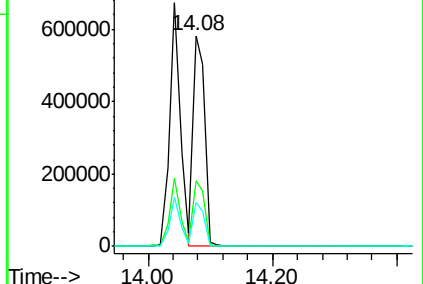
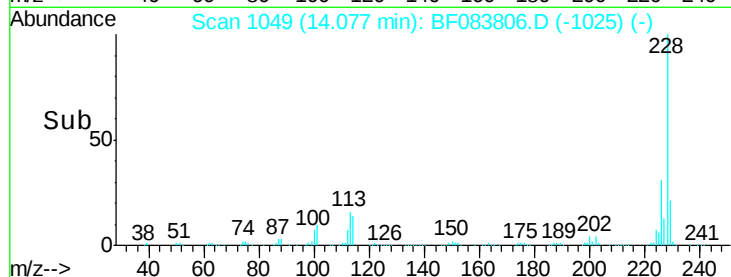
229 20.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.15 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

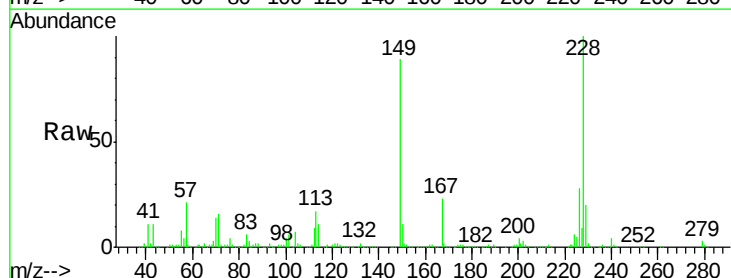
Tgt Ion:149 Resp: 529302

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.8

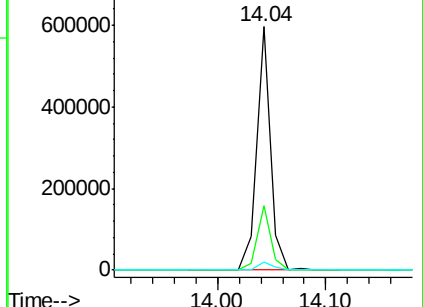
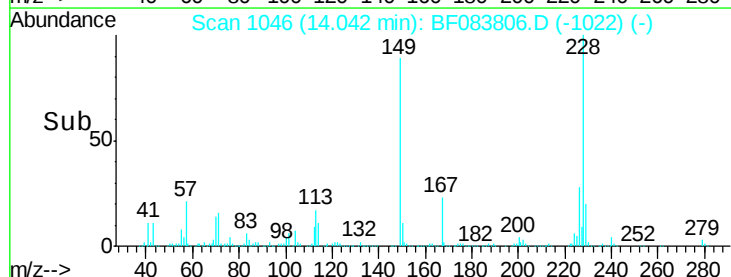
279 3.2 3.0 4.4

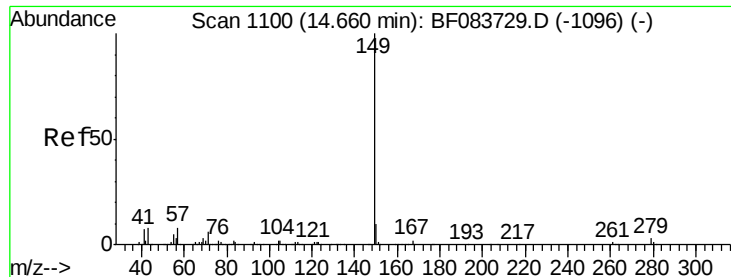


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.60 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

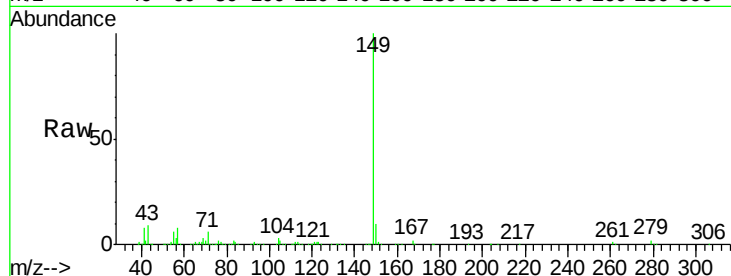
Tot Ion:149 Resp: 906723

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

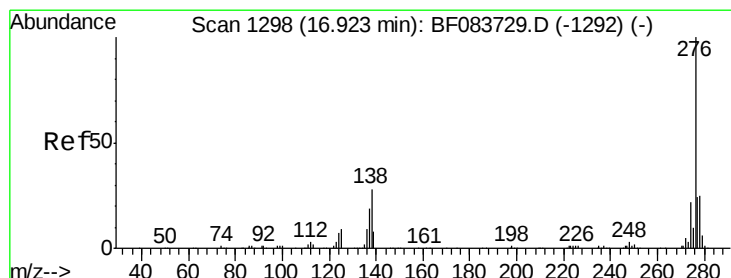
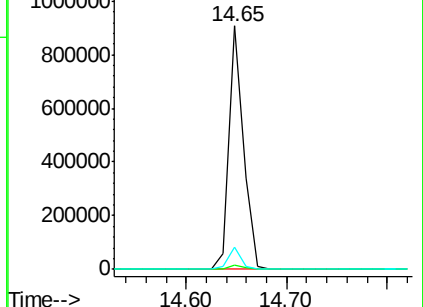
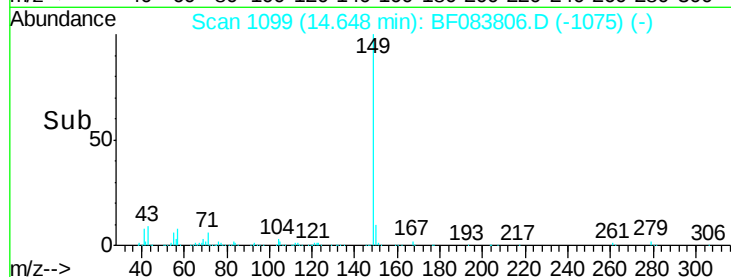
43 8.3 0.0 0.0#



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: 43.97 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

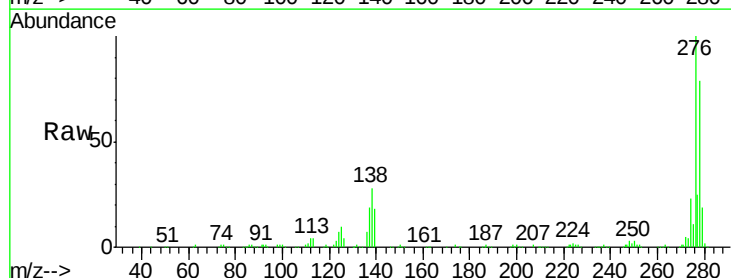
Tgt Ion:276 Resp: 743662

Ion Ratio Lower Upper

276 100

138 29.2 0.0 0.0#

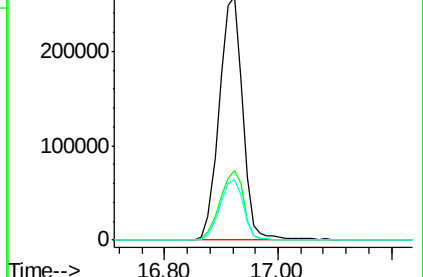
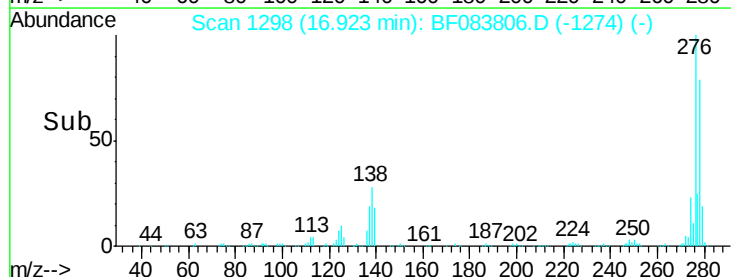
277 25.3 0.0 0.0#

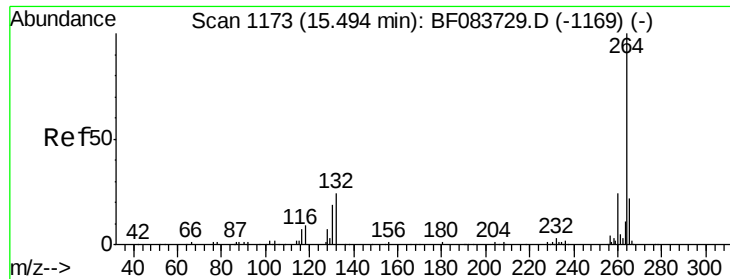


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

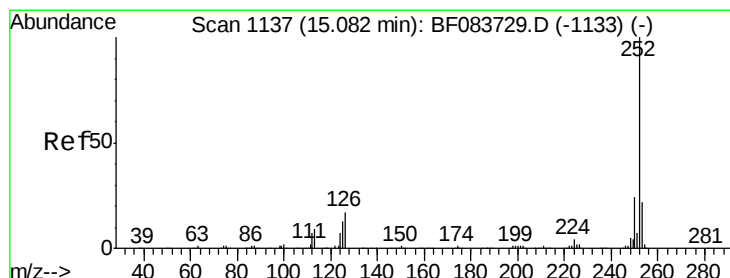
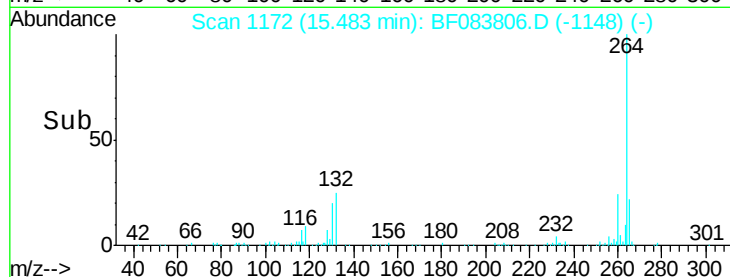
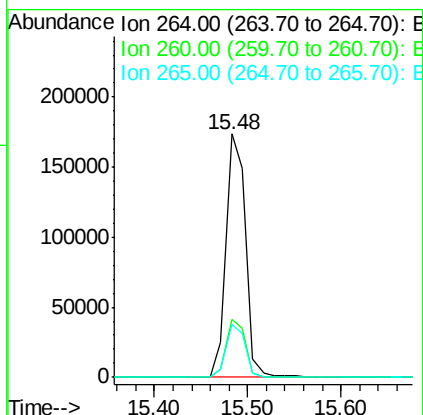
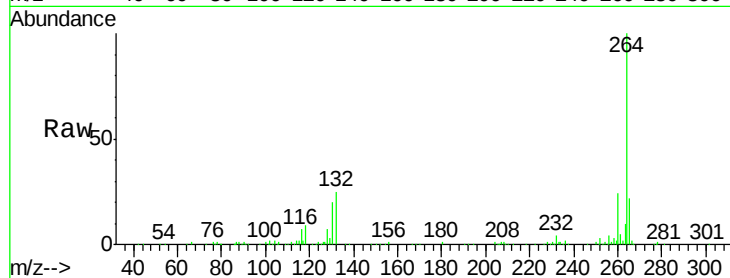




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

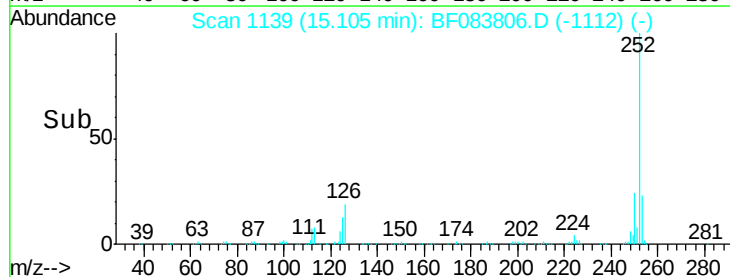
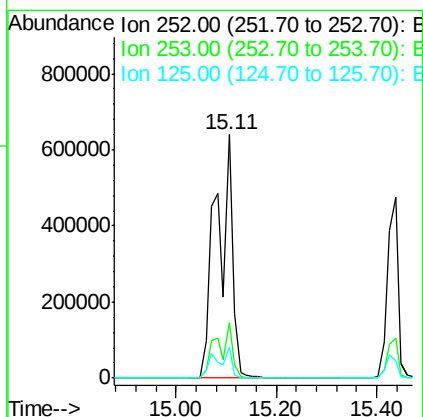
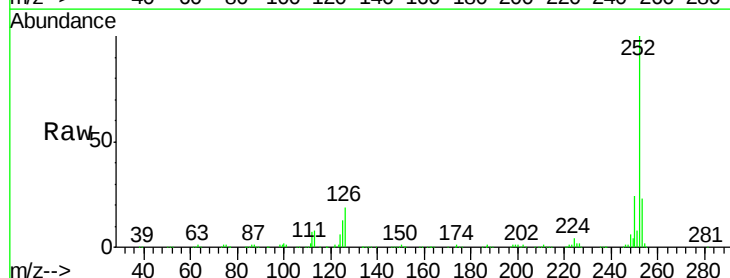
Instrument :
BNA_F
ClientSampleId :
PB87256BSD

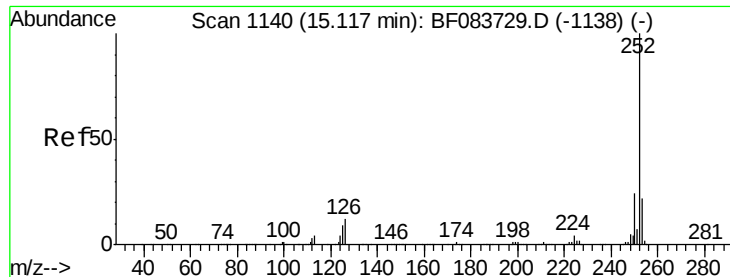
Tot Ion:264 Resp: 252937
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 21.6 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 89.48 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF083806.D
Acq: 15 Dec 2015 9:10

Tgt Ion:252 Resp: 1443907
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 13.0 8.2 12.4#





#88

Benzo(k)fluoranthene

Concen: 98.82 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

BNA_F

ClientSampleId :

PB87256BSD

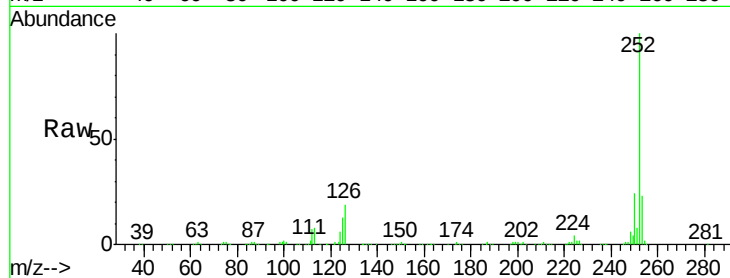
Tot Ion:252 Resp: 1444884

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

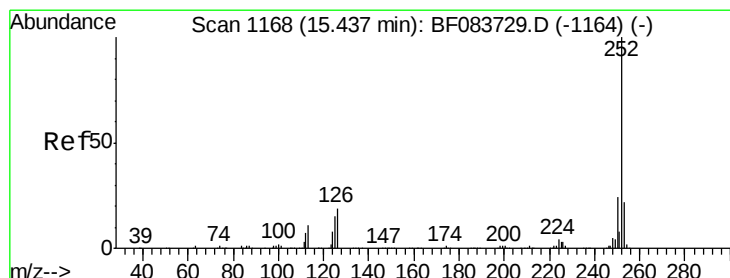
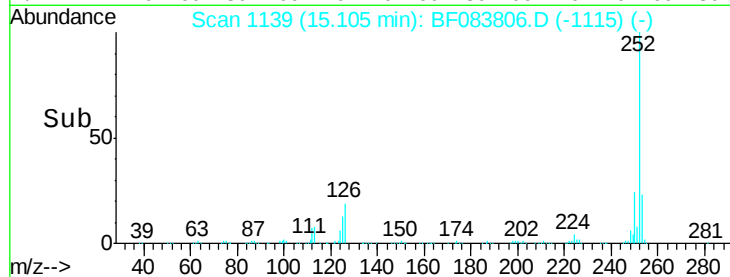
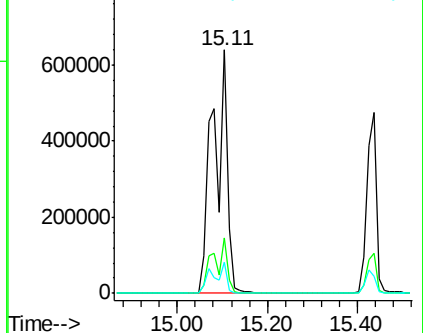
125 13.0 11.5 17.3



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: 49.07 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

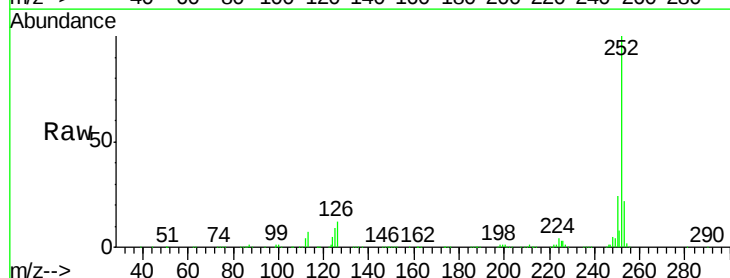
Tgt Ion:252 Resp: 706588

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

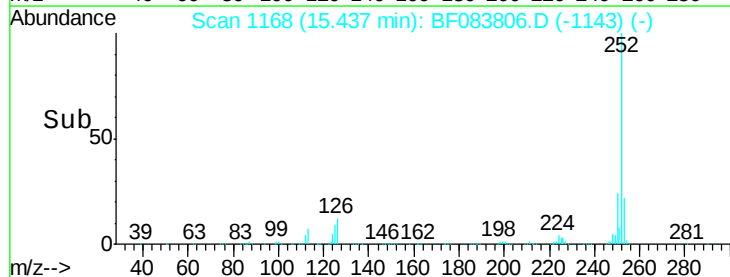
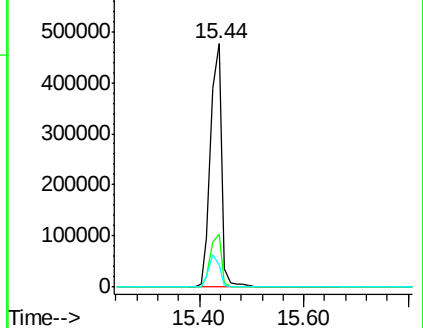
125 9.2 11.0 16.6#

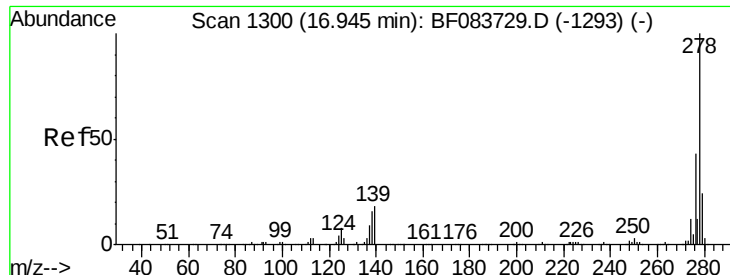


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 42.54 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Instrument :

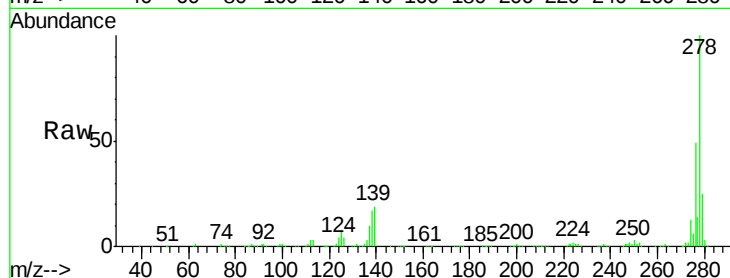
BNA_F

ClientSampleId :

PB87256BSD

Tot Ion:278 Resp: 609166

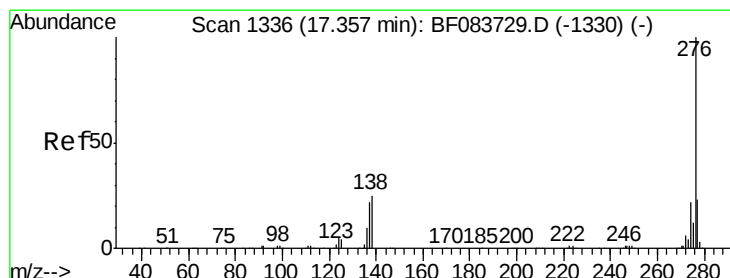
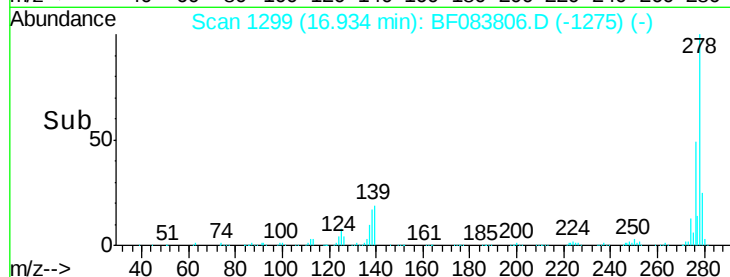
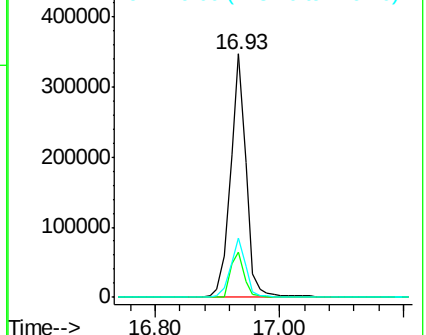
Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.8	19.2
279	24.6	18.6	28.0



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: 42.96 ng

RT: 17.35 min Scan# 1335

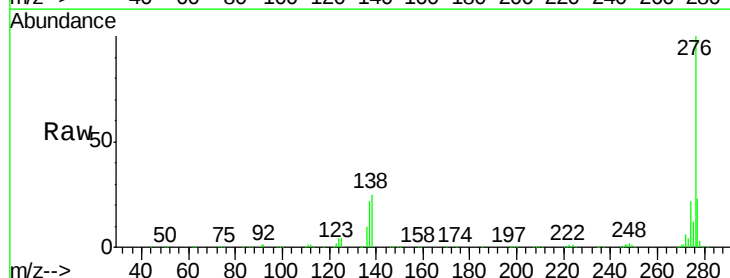
Delta R.T. -0.03 min

Lab File: BF083806.D

Acq: 15 Dec 2015 9:10

Tgt Ion:276 Resp: 632298

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	24.7	19.5	29.3



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

