

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087908.D
 Acq On : 11 Jun 2016 18:06
 Operator : UM/SJ
 Sample : PB91119BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

Quant Time: Jun 12 04:40:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101688	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	389244	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	221359	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	402611	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	284748	20.00	ng	-0.02
86) Perylene-d12	15.38	264	228364	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	761398	128.00	ng	-0.02
7) Phenol-d6	6.44	99	915880	127.05	ng	-0.03
23) Nitrobenzene-d5	7.37	82	540147	81.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	229734	98.29	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1154012	81.68	ng	-0.03
78) Terphenyl-d14	12.91	244	970509	77.56	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	79656	27.56	ng	# 35
3) Pyridine	3.12	79	232543	34.08	ng	97
4) n-Nitrosodimethylamine	3.06	42	97028	33.57	ng	89
6) Aniline	6.47	93	278902	27.18	ng	98
8) 2-Chlorophenol	6.59	128	296016	42.04	ng	# 80
10) Phenol	6.46	94	387497	52.48	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	268942	42.55	ng	# 82
12) 1,3-Dichlorobenzene	6.74	146	292505	38.72	ng	97
13) 1,4-Dichlorobenzene	6.82	146	303541	39.89	ng	98
14) 1,2-Dichlorobenzene	6.82	146	303541	43.86	ng	98
15) Benzyl Alcohol	6.95	79	223959	39.71	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	346480	40.57	ng	95
17) 2-Methylphenol	7.06	107	243024	42.56	ng	98
18) Hexachloroethane	7.31	117	102290	37.88	ng	# 85
19) n-Nitroso-di-n-propylamine	7.22	70	185370	40.20	ng	93
20) 3+4-Methylphenols	7.22	107	290295	43.58	ng	91
22) Acetophenone	7.22	105	377707	43.42	ng	# 92
24) Nitrobenzene	7.39	77	310493	48.09	ng	98
25) Isophorone	7.63	82	537948	43.57	ng	98
26) 2-Nitrophenol	7.70	139	155166	44.86	ng	95
27) 2,4-Dimethylphenol	7.75	122	266047	41.78	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	349917	45.69	ng	98
29) 2,4-Dichlorophenol	7.95	162	252486	47.48	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	214013	36.96	ng	99
31) Naphthalene	8.11	128	761237	39.52	ng	99
32) Benzoic acid	7.88	122	191024	54.47	ng	# 86
33) 4-Chloroaniline	8.16	127	182407	21.21	ng	99
34) Hexachlorobutadiene	8.24	225	114083	37.36	ng	99
35) Caprolactam	8.54	113	46761	26.55	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	238678	41.97	ng	99
37) 2-Methylnaphthalene	8.81	142	564295	44.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	211918	33.89	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	222858	62.41	ng	99
42) 2,4,6-Trichlorophenol	9.08	196	179327	40.51	ng	96

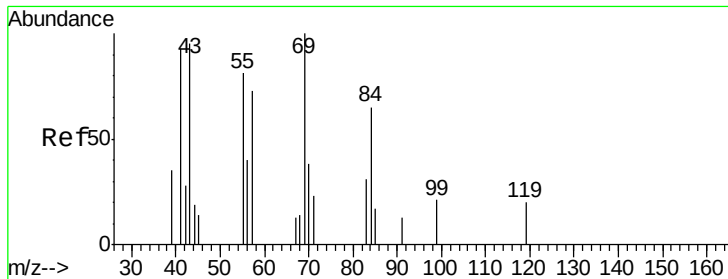
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	177543	38.55	nq	# 92
45) 1,1'-Biphenyl	9.27	154	685734	40.68	nq	99
46) 2-Chloronaphthalene	9.29	162	532431	37.17	nq	100
47) 2-Nitroaniline	9.39	65	187227	44.31	nq	# 83
48) Acenaphthylene	9.71	152	940622	41.28	nq	99
49) Dimethylphthalate	9.58	163	620324	38.69	nq	100
50) 2,6-Dinitrotoluene	9.63	165	137092	37.33	nq	# 63
51) Acenaphthene	9.88	154	629856	44.31	nq	99
52) 3-Nitroaniline	9.80	138	120089	28.34	nq	# 76
53) 2,4-Dinitrophenol	9.91	184	151939	76.39	nq	97
54) Dibenzofuran	10.06	168	824079	42.10	nq	94
55) 4-Nitrophenol	9.98	139	304271	92.52	nq	# 75
56) 2,4-Dinitrotoluene	10.04	165	219407	46.49	nq	95
57) Fluorene	10.40	166	635471	48.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	149947	41.43	nq	# 53
59) Diethylphthalate	10.27	149	637550	39.28	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	234215	35.98	nq	96
61) 4-Nitroaniline	10.42	138	185425	46.13	nq	93
62) Azobenzene	10.55	77	649030	40.44	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	103063	41.32	nq	92
65) n-Nitrosodiphenylamine	10.51	169	588356	44.04	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	182575	42.27	nq	96
67) Hexachlorobenzene	10.95	284	184517	41.11	nq	# 68
68) Atrazine	11.04	200	150458	37.19	nq	92
69) Pentachlorophenol	11.14	266	222011	93.85	nq	98
70) Phenanthrene	11.36	178	938043	44.40	nq	99
71) Anthracene	11.40	178	844667	39.64	nq	100
72) Carbazole	11.56	167	955842	47.93	nq	98
73) Di-n-butylphthalate	11.90	149	931054	36.88	nq	99
74) Fluoranthene	12.54	202	846702	37.98	nq	98
76) Benzidine	12.66	184	346666	43.97	nq	98
77) Pyrene	12.77	202	856424	40.53	nq	100
79) Butylbenzylphthalate	13.39	149	445170	47.65	nq	93
80) Benzo(a)anthracene	13.95	228	654066	40.31	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	153118	35.09	nq	# 97
82) Chrysene	13.99	228	628938	41.20	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	439537	38.65	nq	100
84) Di-n-octyl phthalate	14.57	149	898581	48.63	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.75	276	546945	38.56	nq	# 100
87) Benzo(b)fluoranthene	15.01	252	1189359	74.72	nq	# 96
88) Benzo(k)fluoranthene	15.01	252	1189373	99.06	nq	99
89) Benzo(a)pyrene	15.33	252	569908	44.26	nq	# 94
90) Dibenzo(a,h)anthracene	16.77	278	453627	37.93	nq	97
91) Benzo(g,h,i)perylene	17.17	276	447487	36.37	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

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PB91119BSD

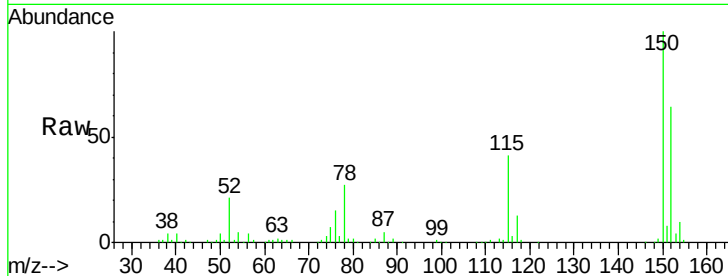
Tot Ion:152 Resp: 101688

Ion Ratio Lower Upper

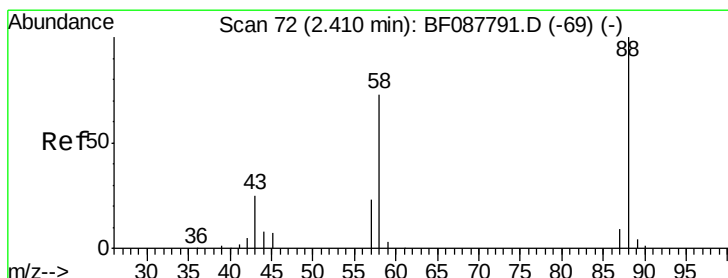
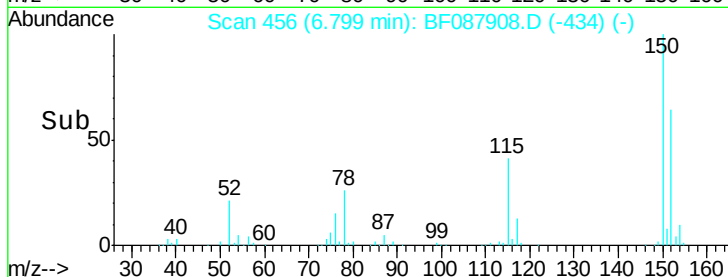
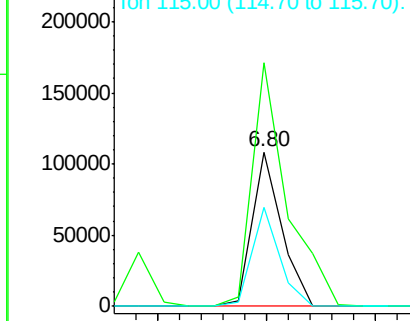
152 100

150 157.4 123.8 185.6

115 64.1 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 27.56 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

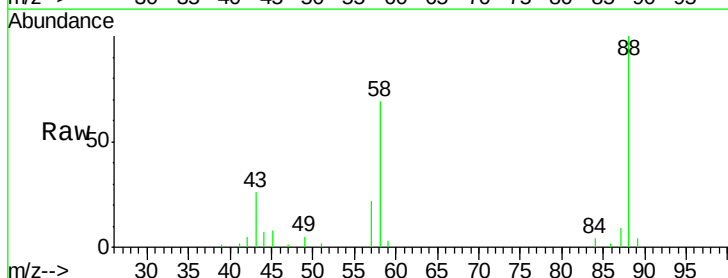
Tgt Ion: 88 Resp: 79656

Ion Ratio Lower Upper

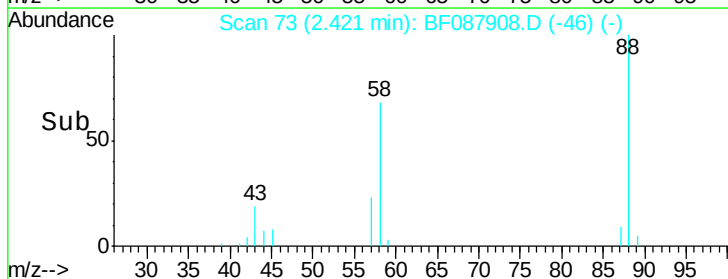
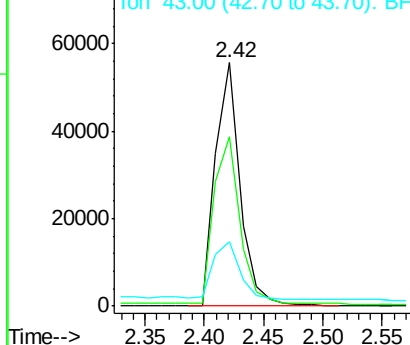
88 100

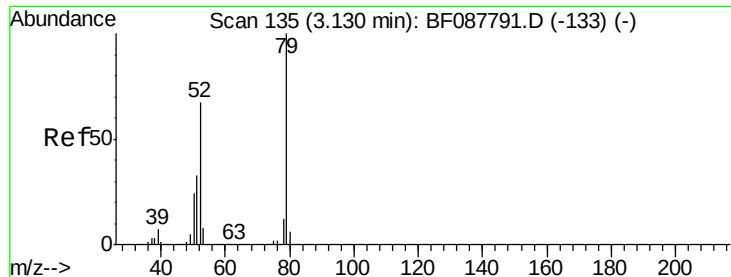
58 72.0 0.0 0.0#

43 25.7 3.4 5.2#



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: 34.08 ng

RT: 3.12 min Scan# 134

Delta R.T. -0.01 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

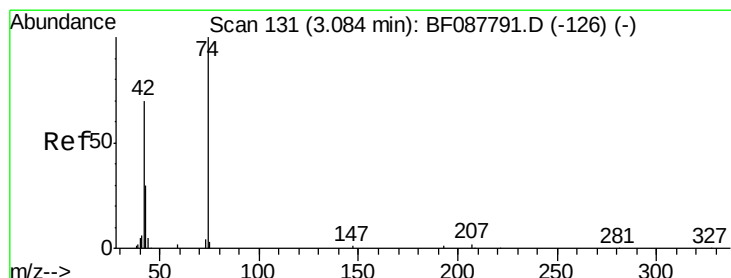
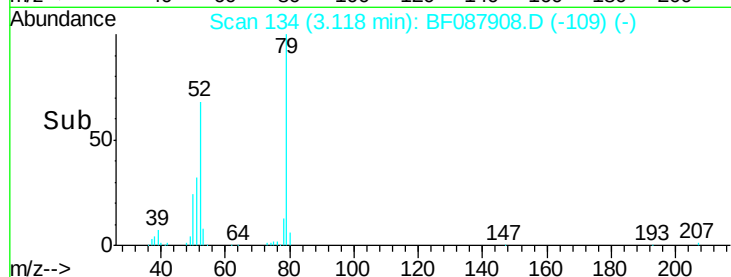
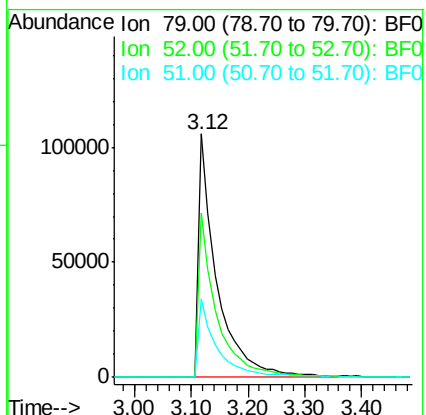
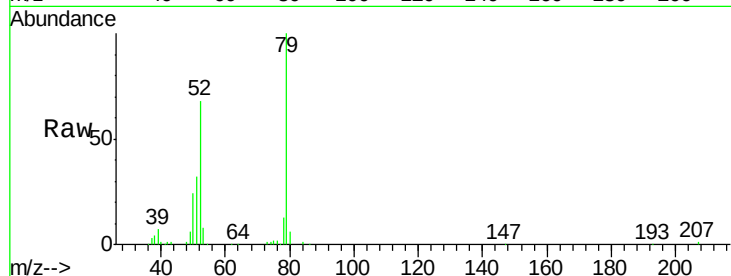
Tot Ion: 79 Resp: 232543

Ion Ratio Lower Upper

79 100

52 67.7 56.3 84.5

51 32.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 33.57 ng

RT: 3.06 min Scan# 129

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

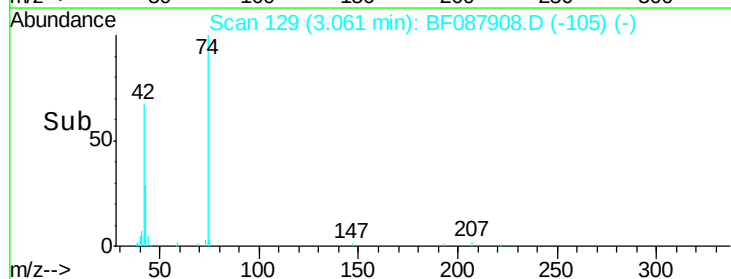
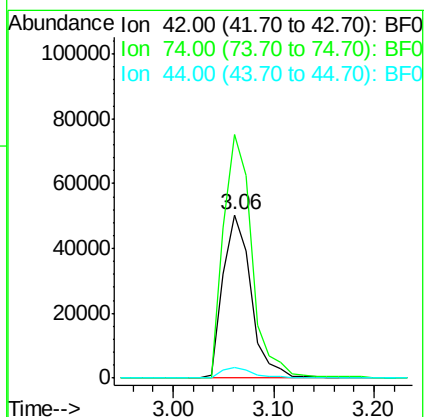
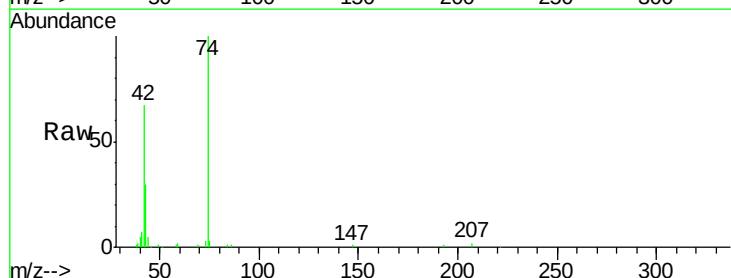
Tgt Ion: 42 Resp: 97028

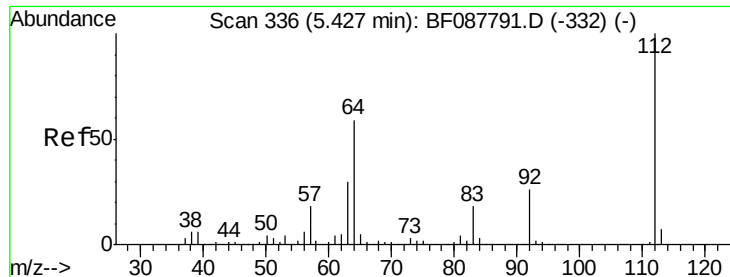
Ion Ratio Lower Upper

42 100

74 149.1 108.6 163.0

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 128.00 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

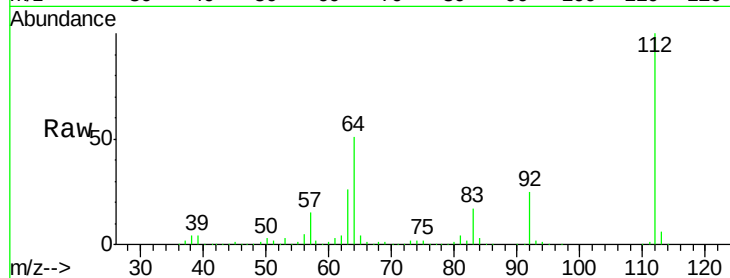
Tot Ion:112 Resp: 761398

Ion Ratio Lower Upper

112 100

64 51.2 42.2 63.2

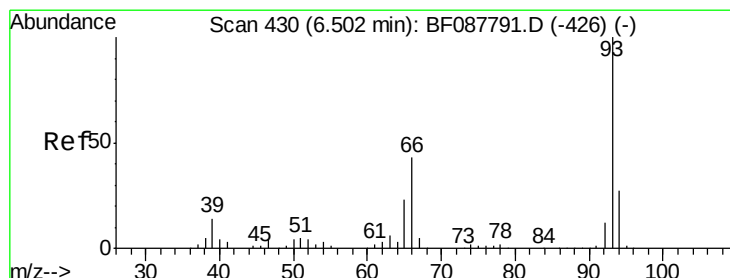
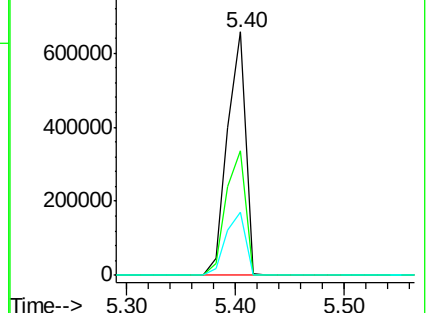
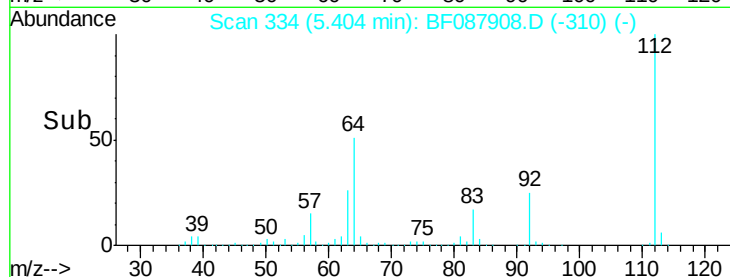
63 26.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.18 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

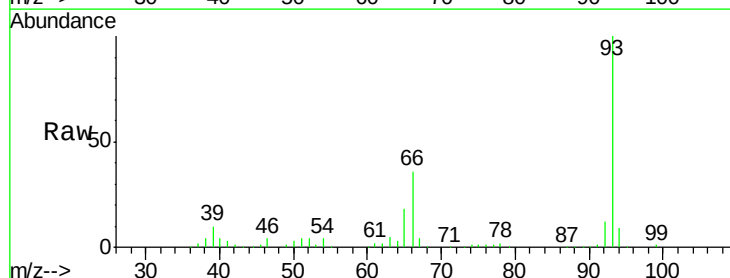
Tgt Ion: 93 Resp: 278902

Ion Ratio Lower Upper

93 100

66 35.9 29.8 44.8

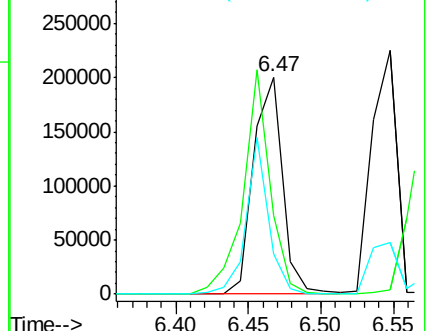
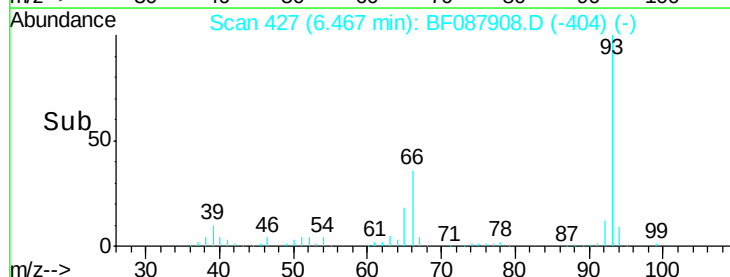
65 18.3 14.9 22.3

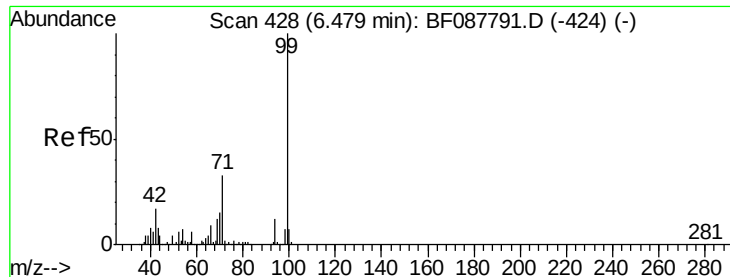


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.05 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

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ClientSampleId :

PB91119BSD

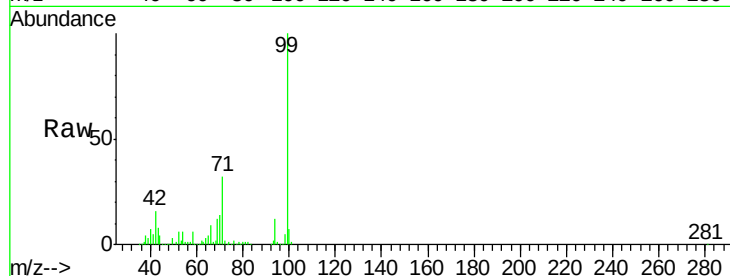
Tot Ion: 99 Resp: 915880

Ion Ratio Lower Upper

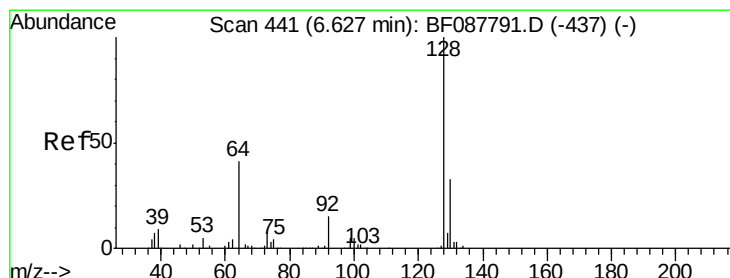
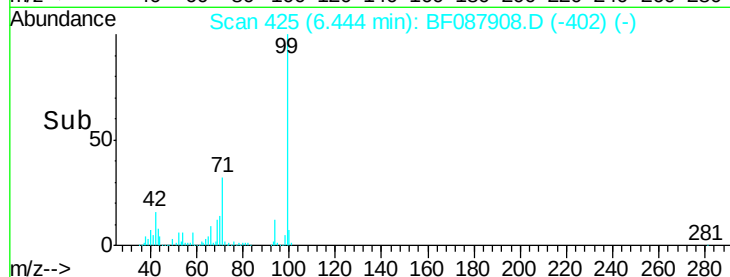
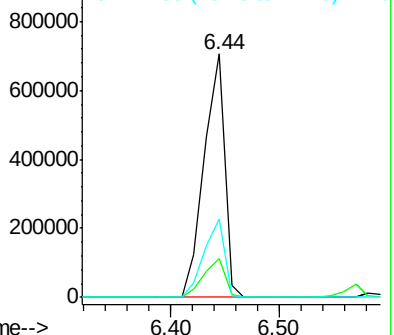
99 100

42 15.7 12.2 18.2

71 32.2 23.4 35.0



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: 42.04 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

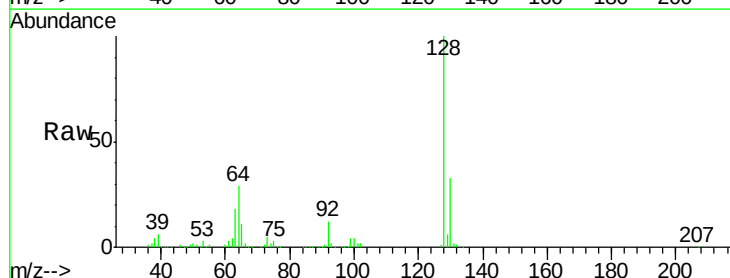
Tgt Ion: 128 Resp: 296016

Ion Ratio Lower Upper

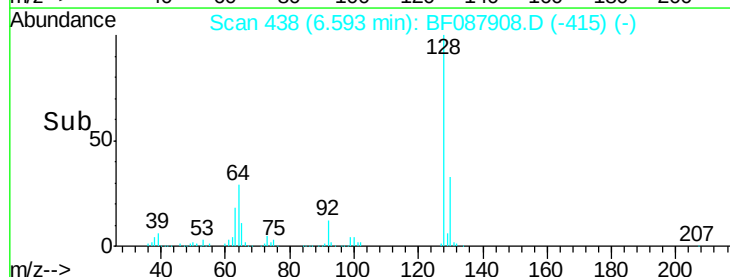
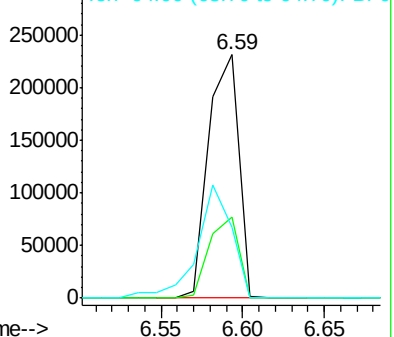
128 100

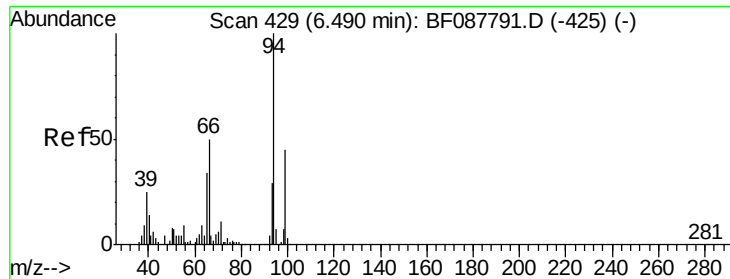
130 33.3 12.0 52.0

64 29.0 30.8 70.8#



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





#10

Phenol

Concen: 52.48 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

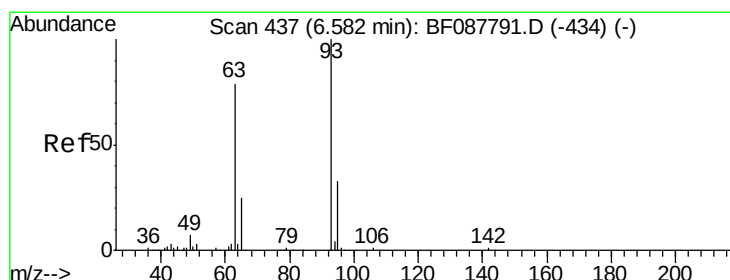
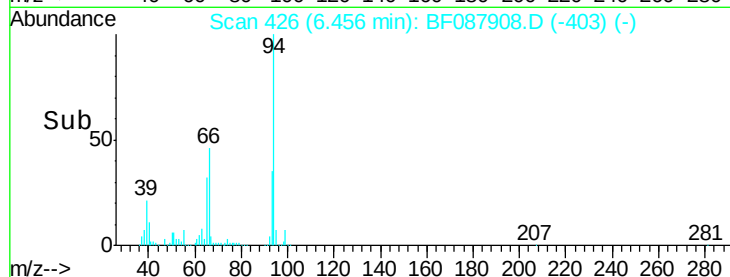
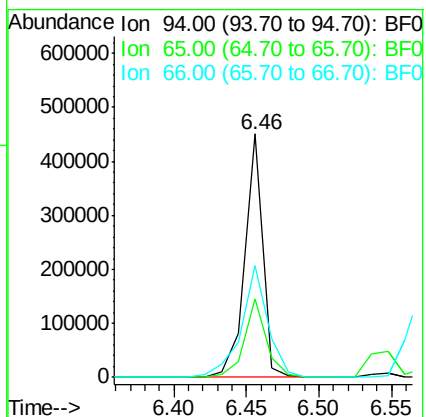
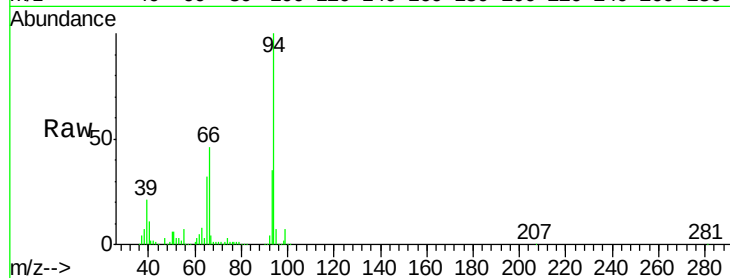
Tot Ion: 94 Resp: 387497

Ion Ratio Lower Upper

94 100

65 32.2 5.9 45.9

66 46.0 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 42.55 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

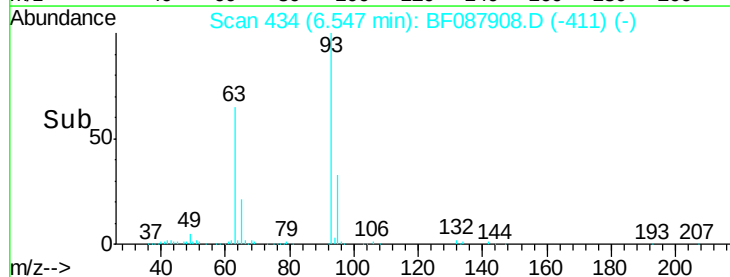
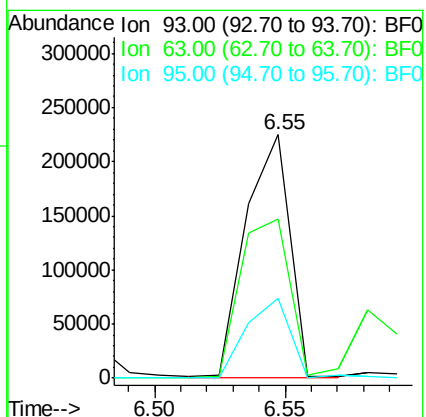
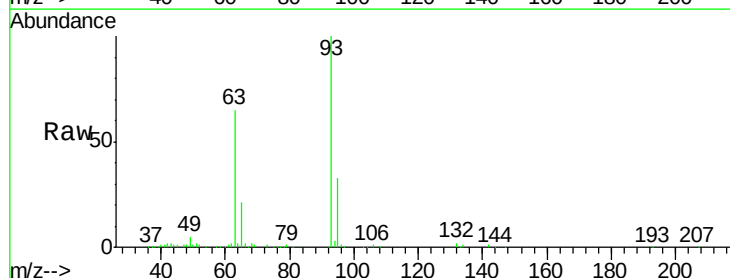
Tgt Ion: 93 Resp: 268942

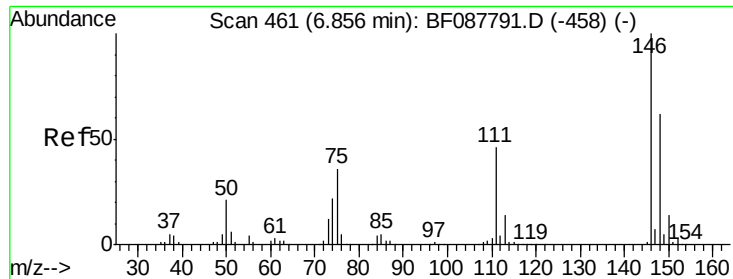
Ion Ratio Lower Upper

93 100

63 65.1 67.6 107.6#

95 33.0 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 38.72 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

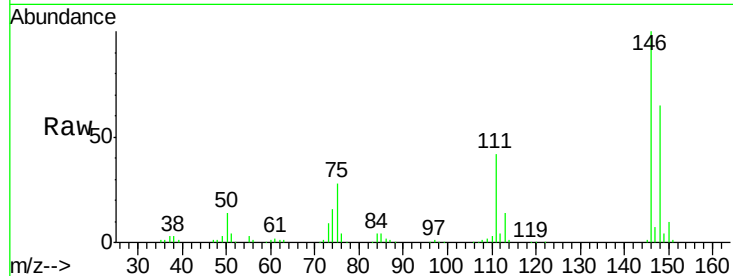
Tot Ion:146 Resp: 292505

Ion Ratio Lower Upper

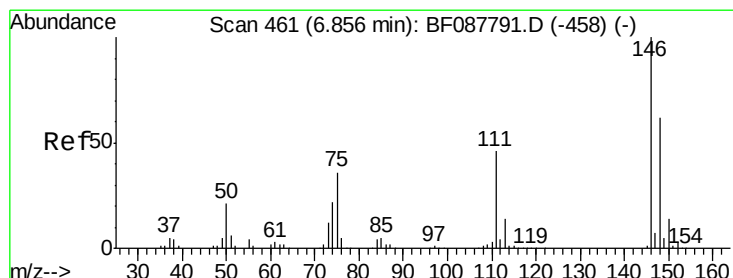
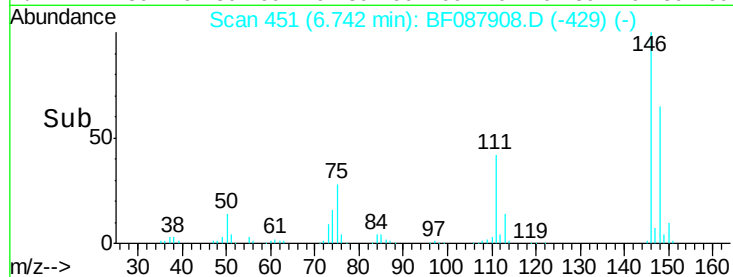
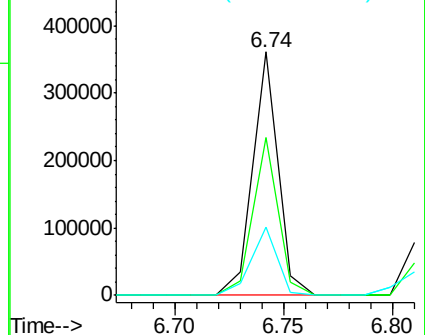
146 100

148 64.6 50.9 76.3

75 28.1 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 39.89 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

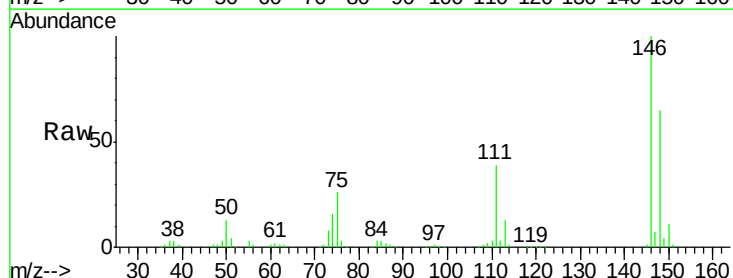
Tgt Ion:146 Resp: 303541

Ion Ratio Lower Upper

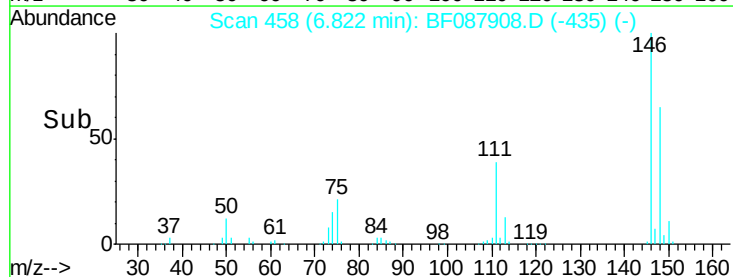
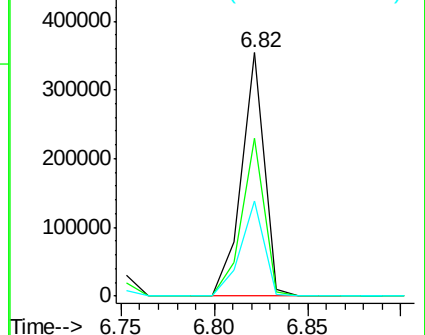
146 100

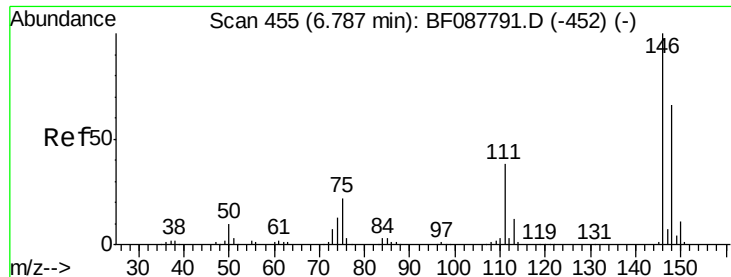
148 64.7 52.0 78.0

111 39.0 33.8 50.8



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

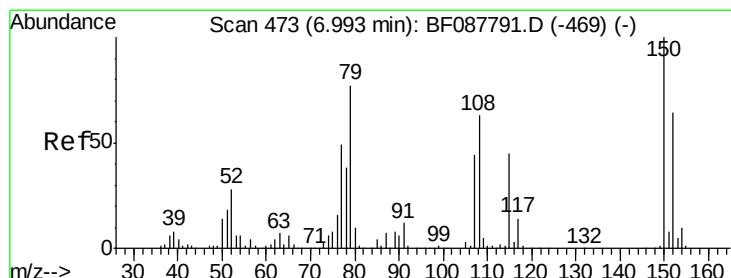
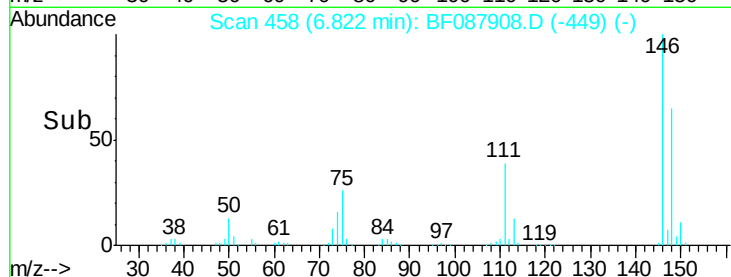
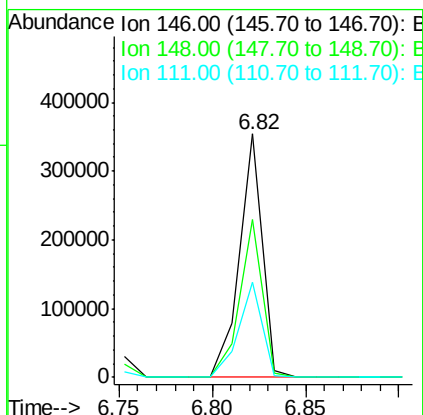
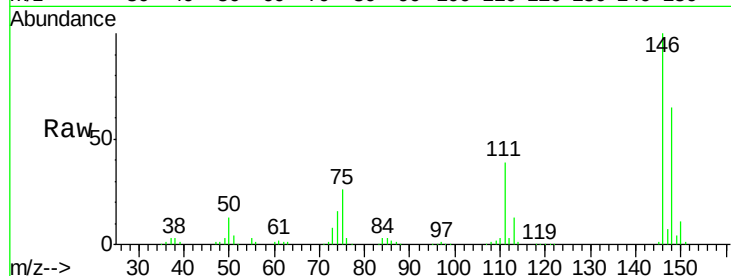




#14
 1,2-Dichlorobenzene
 Concen: 43.86 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

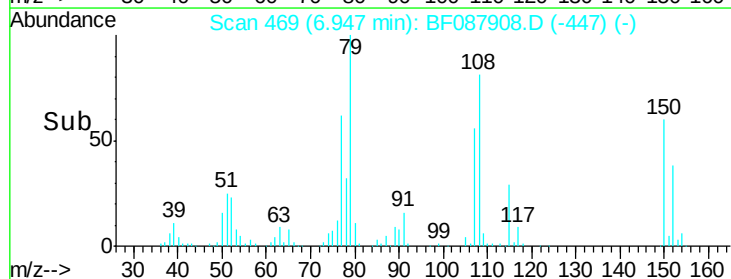
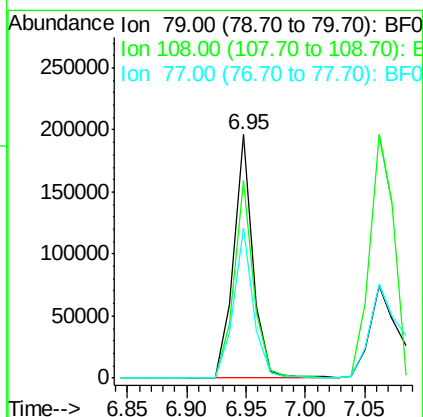
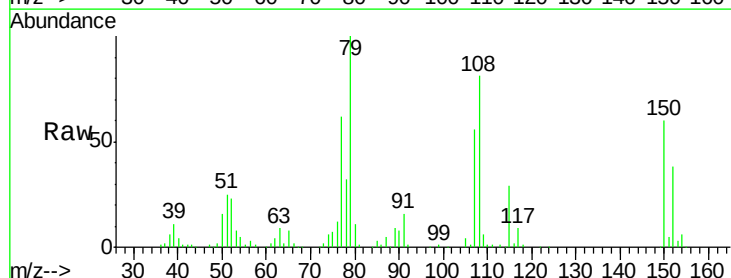
Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

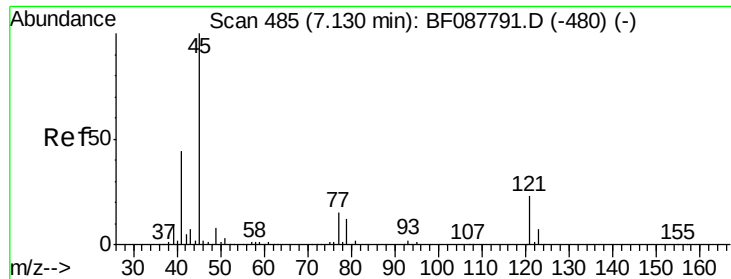
Tot Ion:146 Resp: 303541
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 39.0 28.7 43.1



#15
 Benzyl Alcohol
 Concen: 39.71 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion: 79 Resp: 223959
 Ion Ratio Lower Upper
 79 100
 108 81.4 65.0 97.6
 77 61.7 50.3 75.5

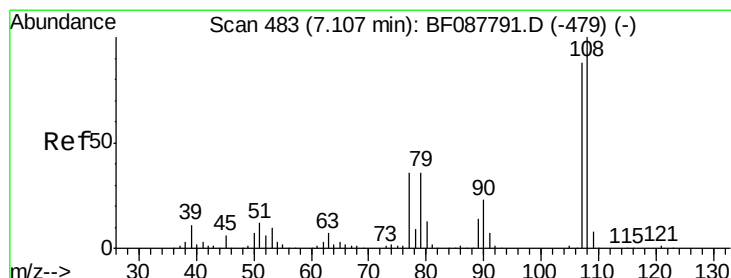
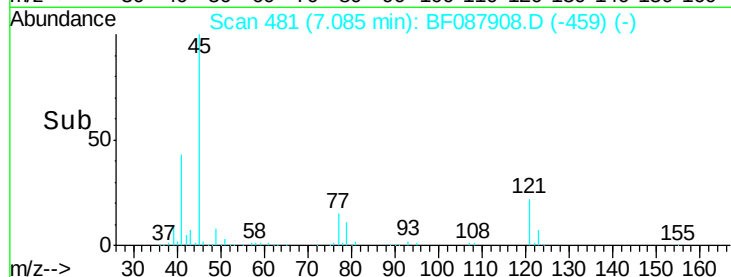
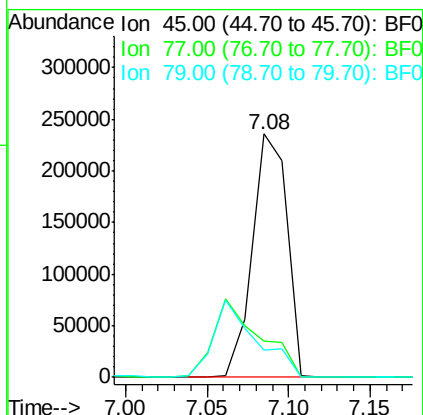
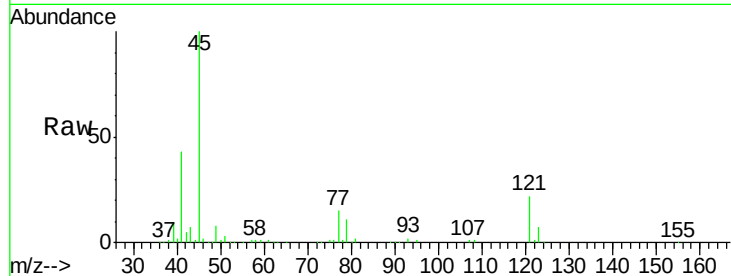




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.57 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

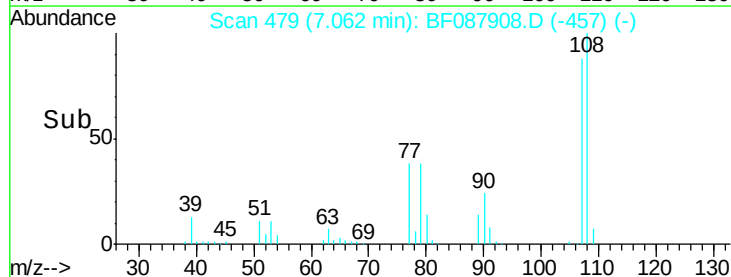
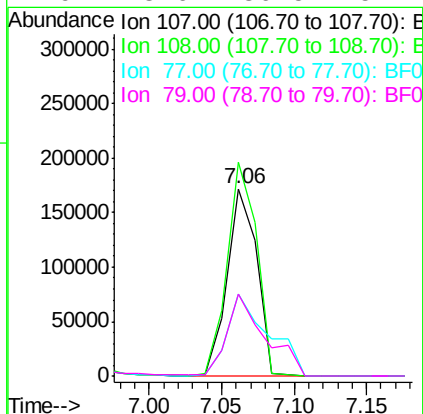
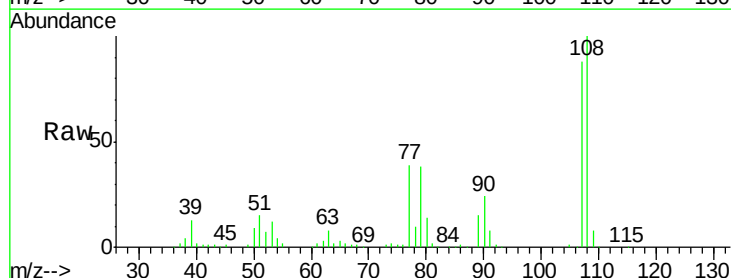
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

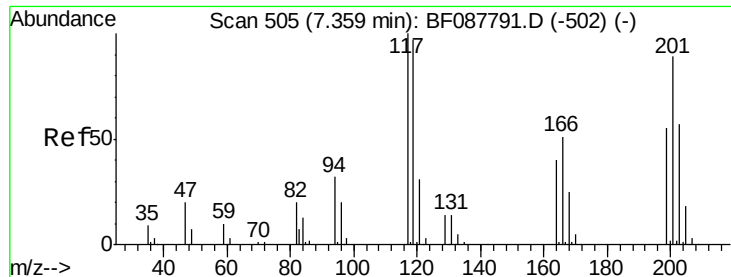
Tot Ion: 45 Resp: 346480
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.5
79 11.2 0.0 29.5



#17
2-Methylphenol
Concen: 42.56 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion: 107 Resp: 243024
Ion Ratio Lower Upper
107 100
108 114.1 90.9 136.3
77 44.0 36.6 55.0
79 43.6 36.5 54.7

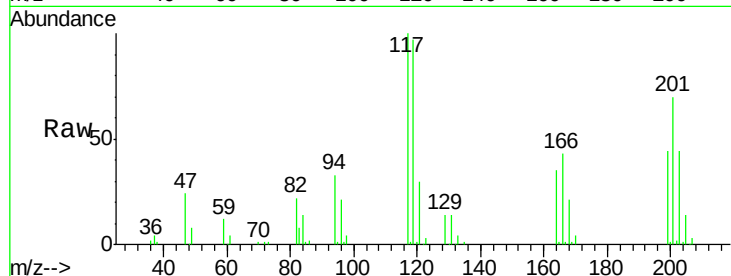




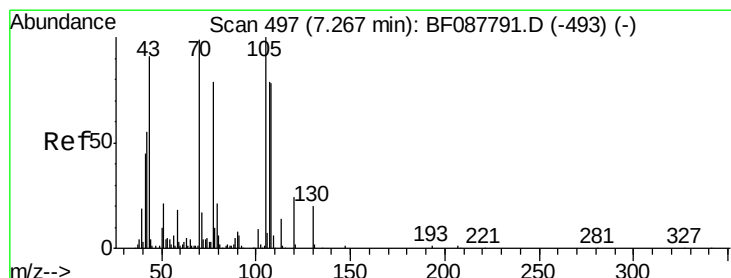
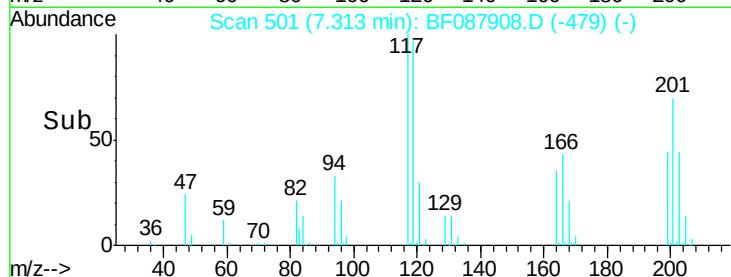
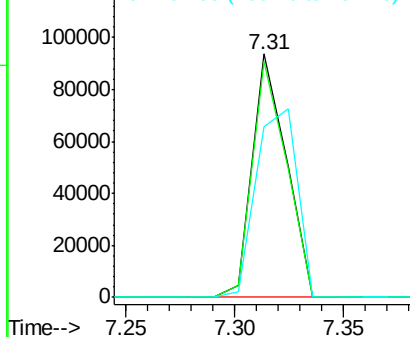
#18
Hexachloroethane
Concen: 37.88 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:117 Resp: 102290
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
201 70.2 80.4 120.6#

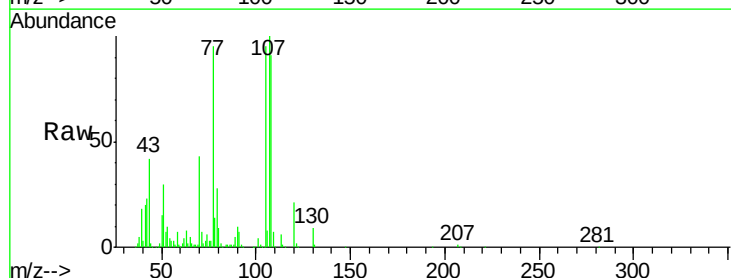


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

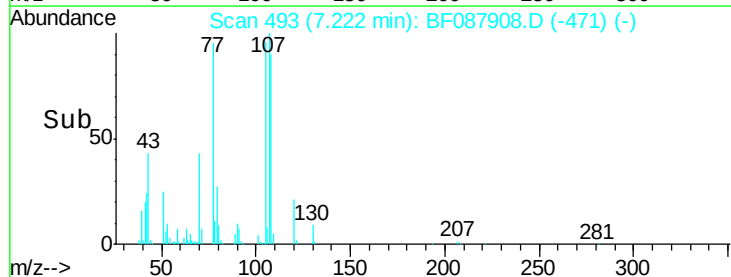
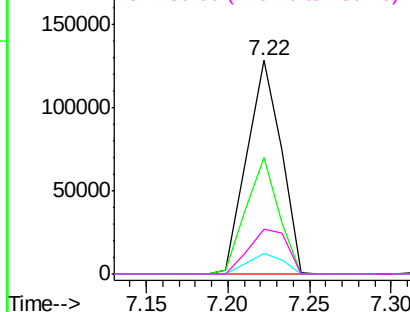


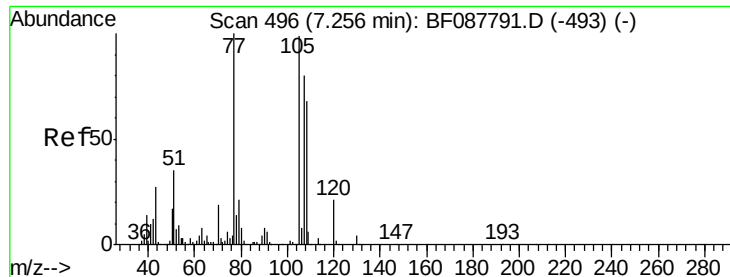
#19
n-Nitroso-di-n-propylamine
Concen: 40.20 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion: 70 Resp: 185370
Ion Ratio Lower Upper
70 100
42 54.7 49.6 74.4
101 9.4 7.1 10.7
130 20.9 15.4 23.2



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

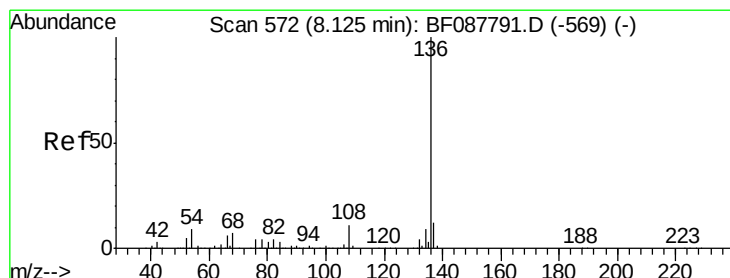
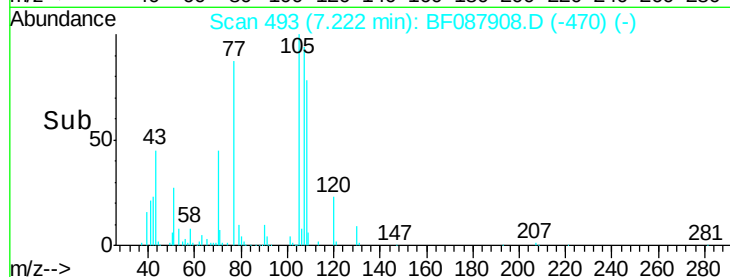
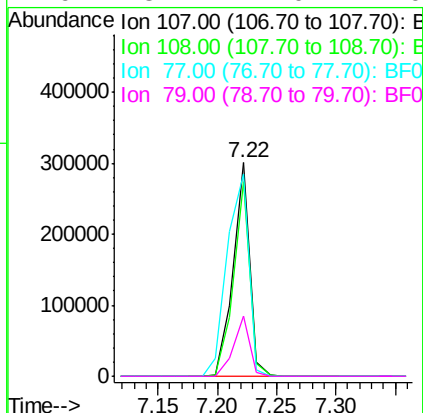
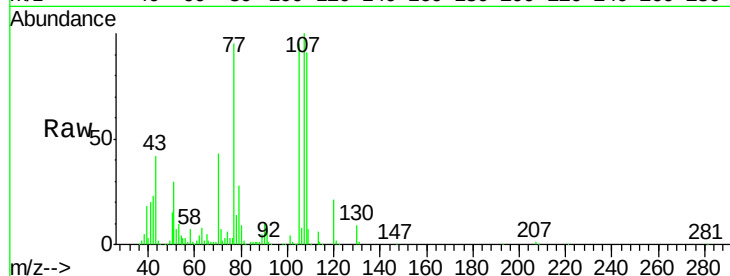




#20
3+4-Methylphenols
Concen: 43.58 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

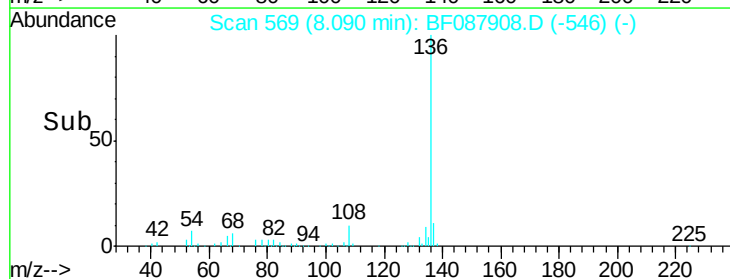
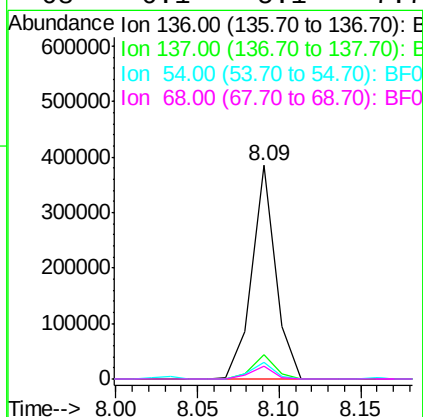
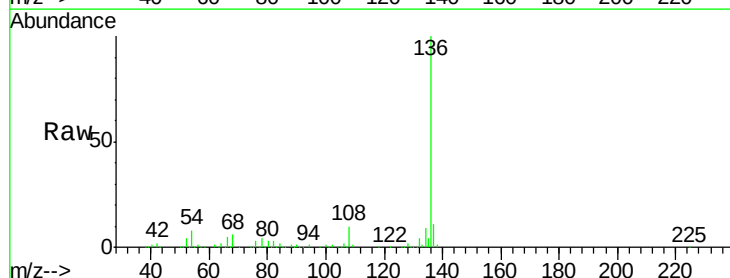
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

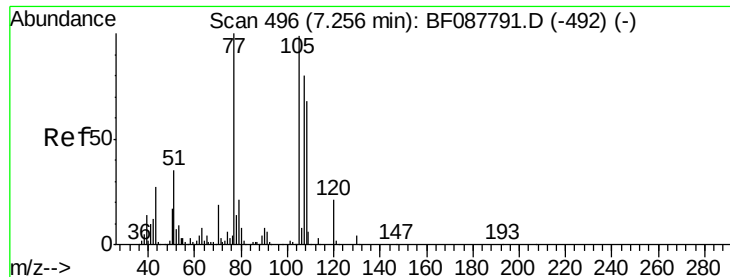
Tot Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.8	107.8
77	94.9	59.3	99.3
79	28.4	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	6.6	10.0
68	6.1	5.1	7.7





#22

Acetophenone

Concen: 43.42 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

Tot Ion:105 Resp: 377707

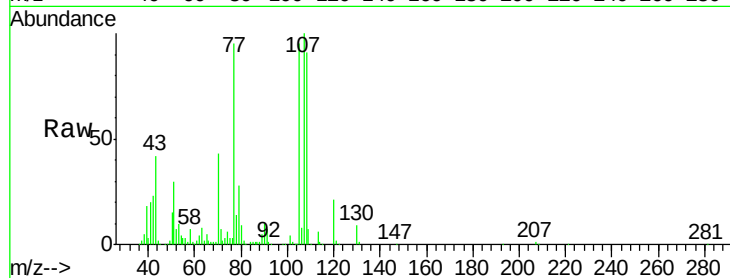
Ion Ratio Lower Upper

105 100

71 7.5 5.3 7.9

51 31.6 18.2 27.4#

120 22.6 18.0 27.0

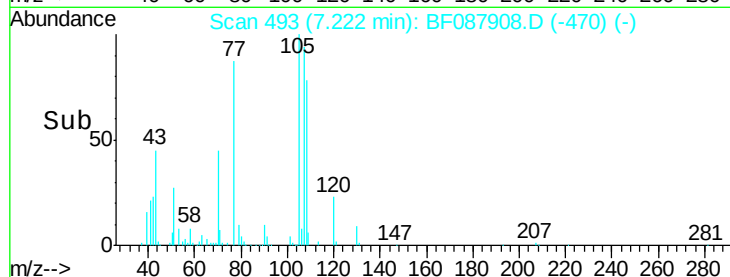


Abundance Ion 105.00 (104.70 to 105.70): E

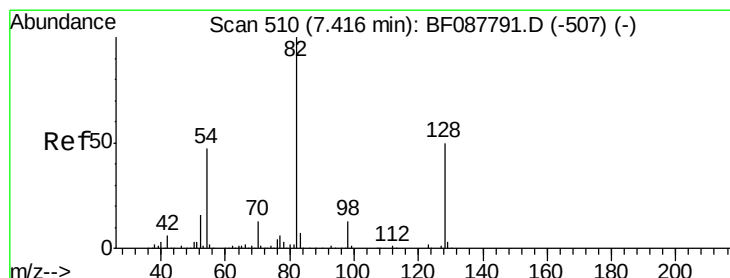
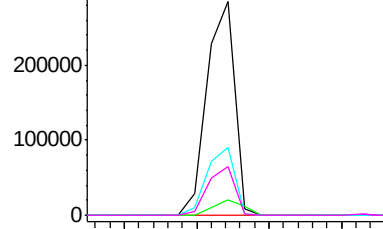
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 81.03 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

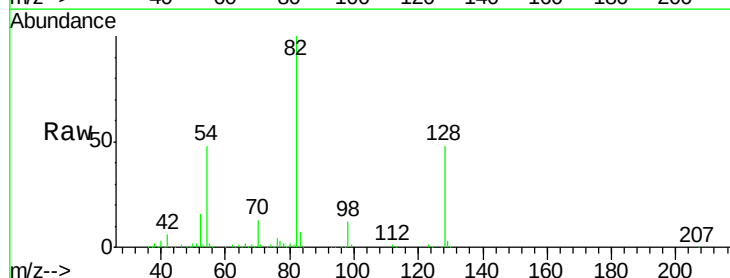
Tgt Ion: 82 Resp: 540147

Ion Ratio Lower Upper

82 100

128 47.7 35.9 53.9

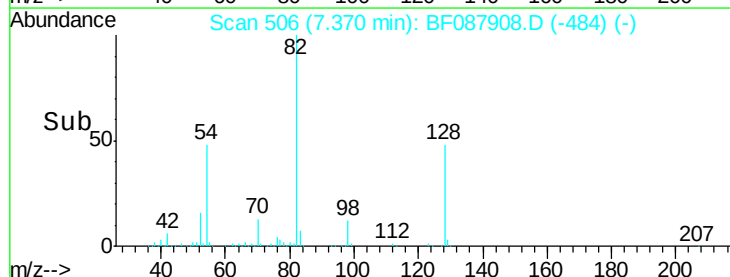
54 47.7 40.9 61.3



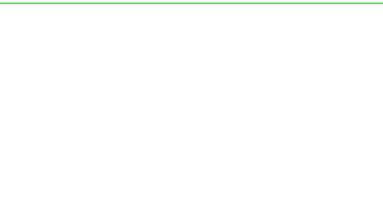
Abundance Ion 82.00 (81.70 to 82.70): BF0

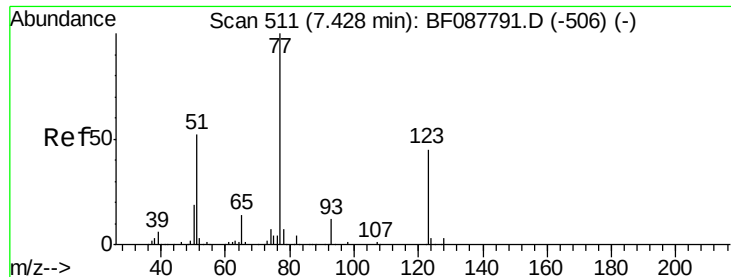
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

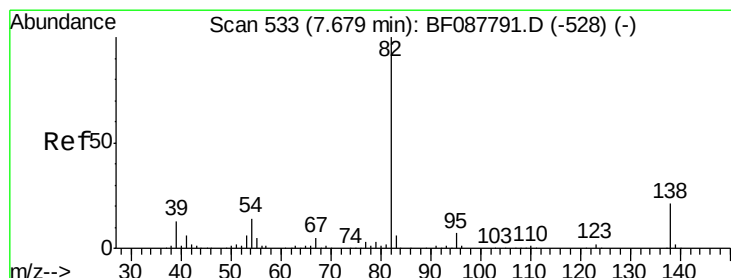
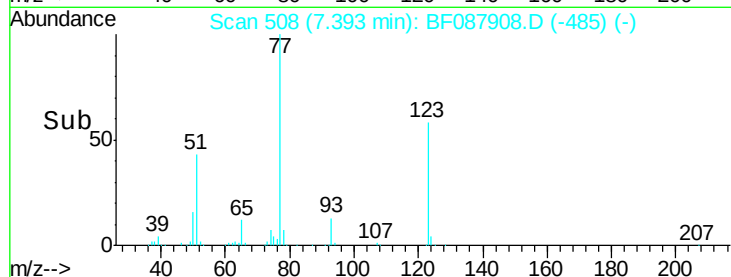
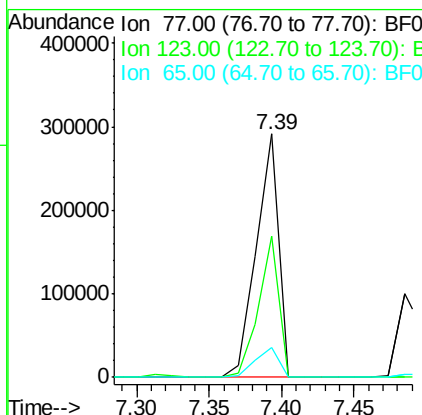
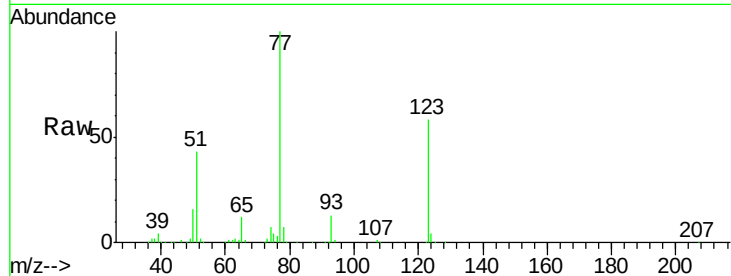




#24
 Nitrobenzene
 Concen: 48.09 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

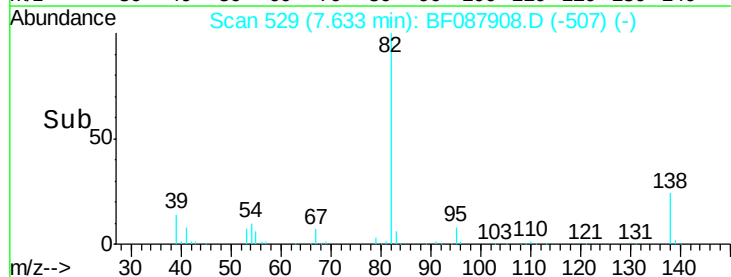
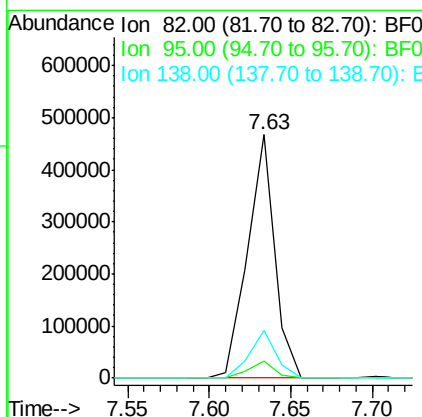
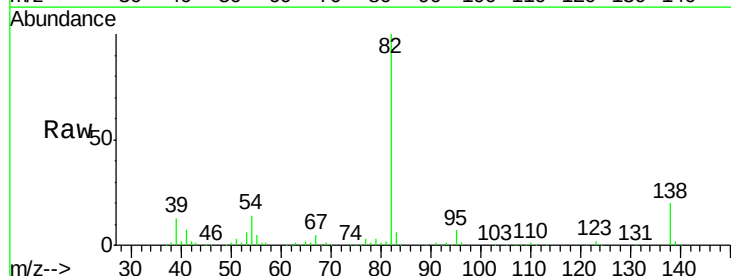
Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

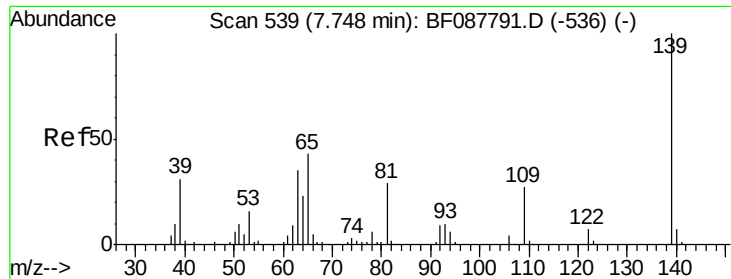
Tot Ion	Ratio	Lower	Upper
77	100		
123	57.8	45.0	67.4
65	12.4	10.2	15.2



#25
 Isophorone
 Concen: 43.57 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.05 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	19.5	14.6	21.8

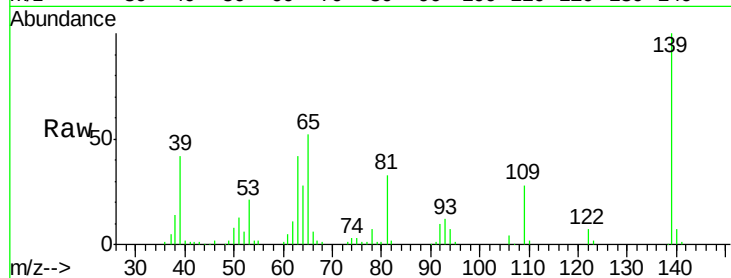




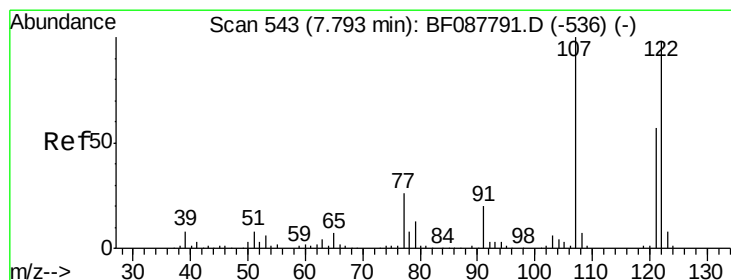
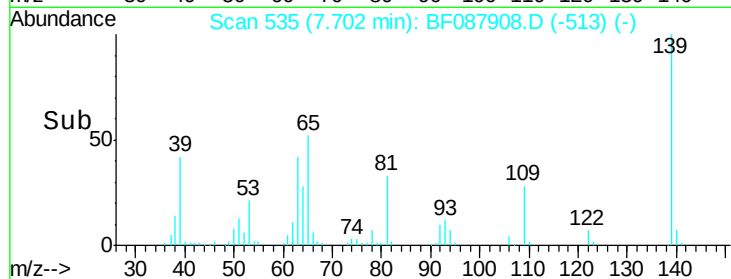
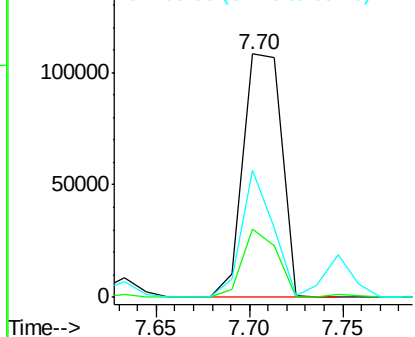
#26
2-Nitrophenol
Concen: 44.86 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.8	23.0	34.4
65	52.0	45.8	68.8

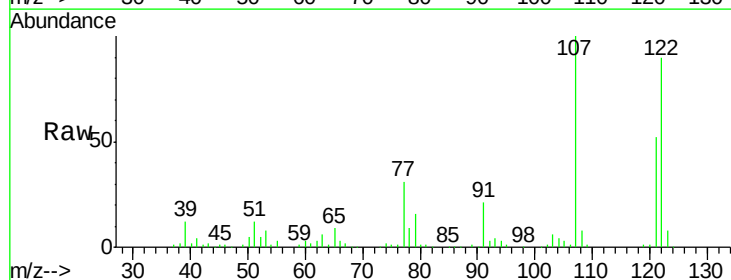


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

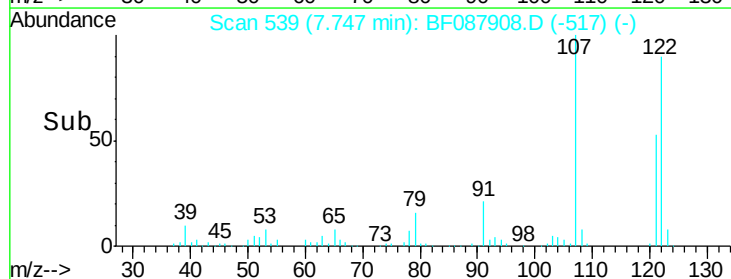
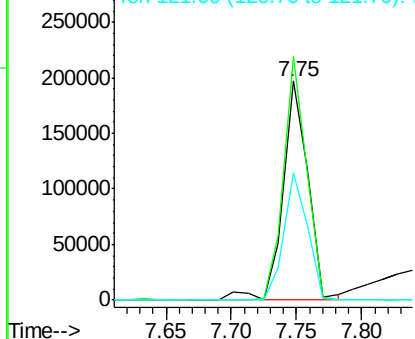


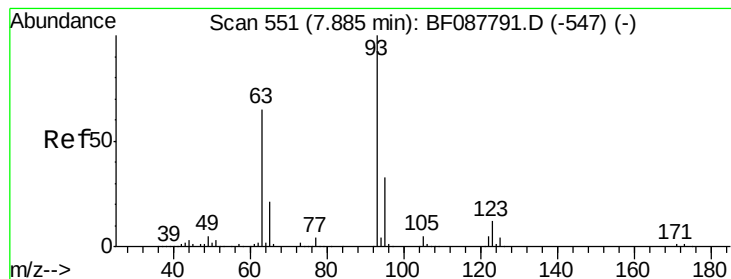
#27
2,4-Dimethylphenol
Concen: 41.78 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.2	82.4	123.6
121	58.3	46.3	69.5



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: 45.69 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

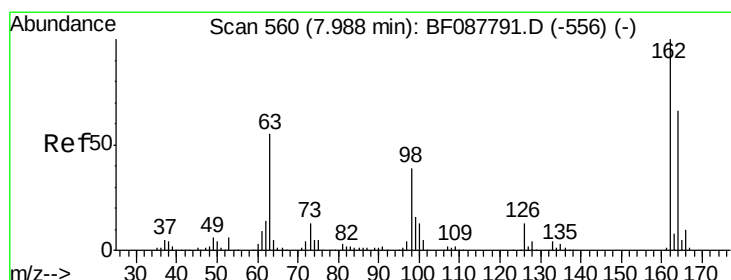
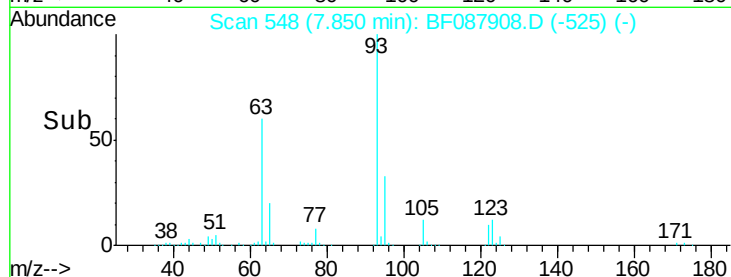
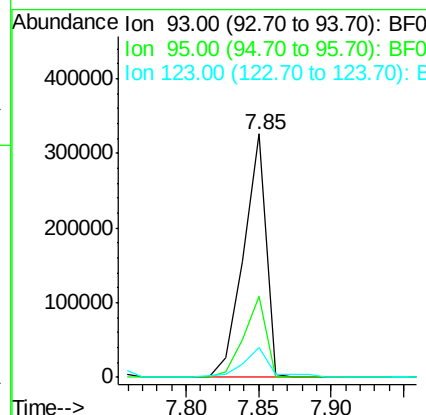
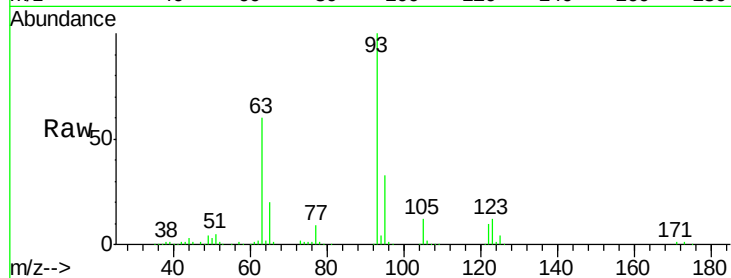
Tot Ion: 93 Resp: 349917

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 12.4 11.6 17.4



#29

2,4-Dichlorophenol

Concen: 47.48 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

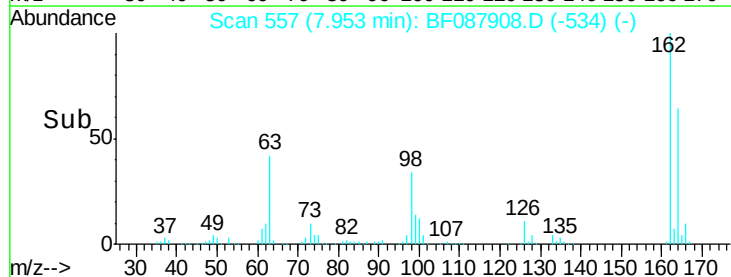
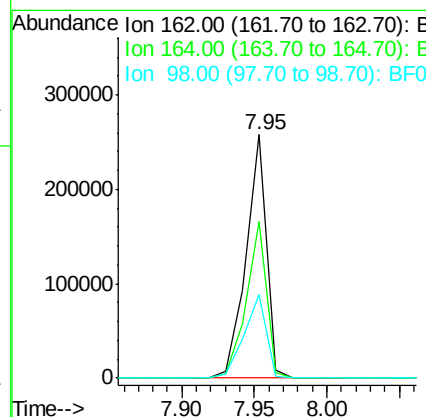
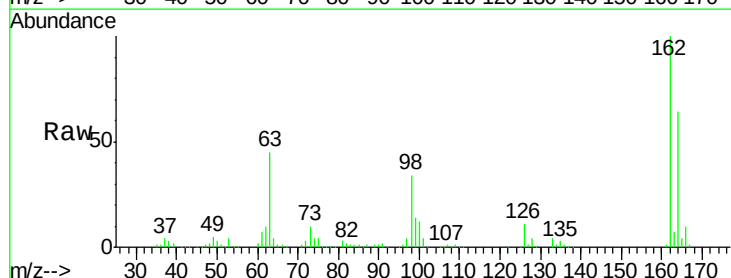
Tgt Ion: 162 Resp: 252486

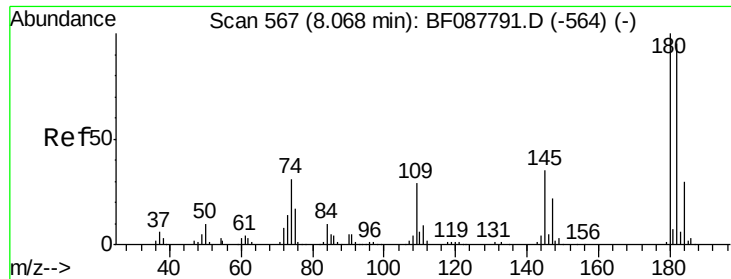
Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 34.1 21.3 61.3

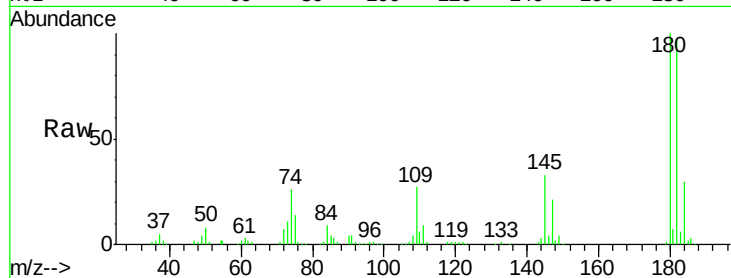




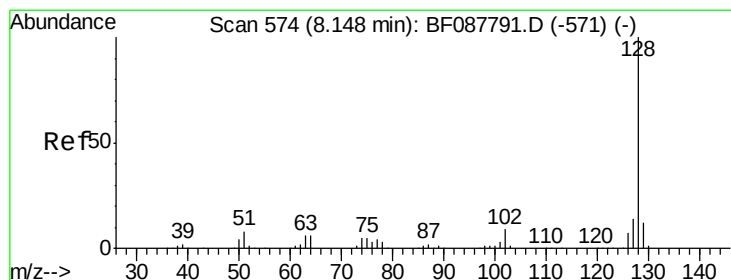
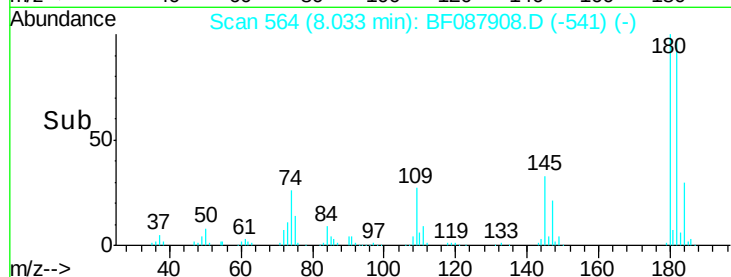
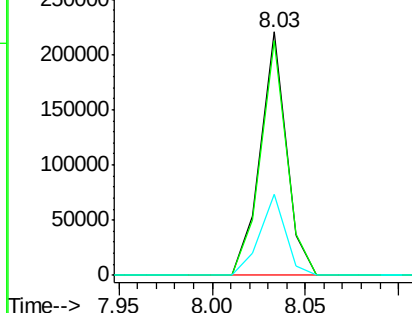
#30
1,2,4-Trichlorobenzene
Concen: 36.96 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:180 Resp: 214013
Ion Ratio Lower Upper
180 100
182 96.5 76.0 114.0
145 33.1 26.5 39.7

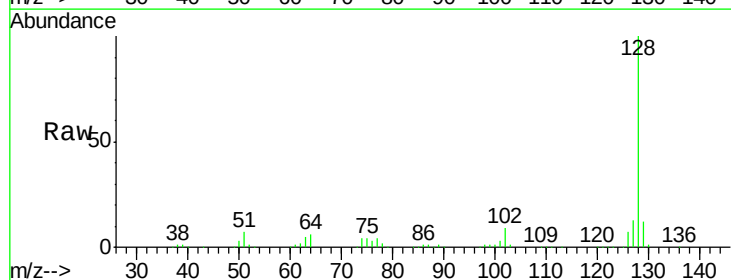


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

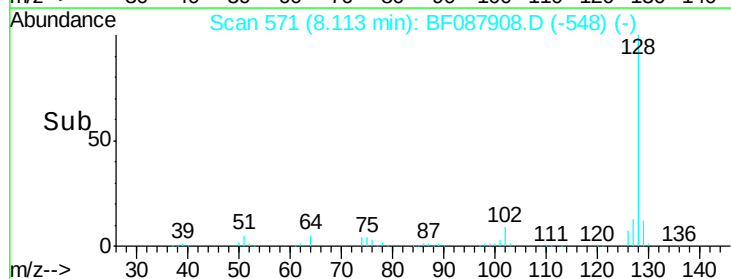
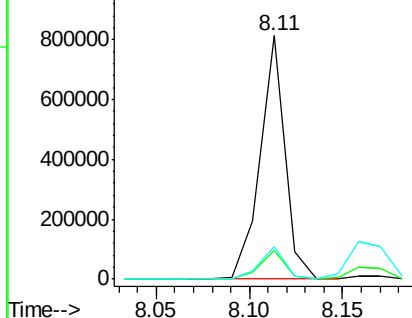


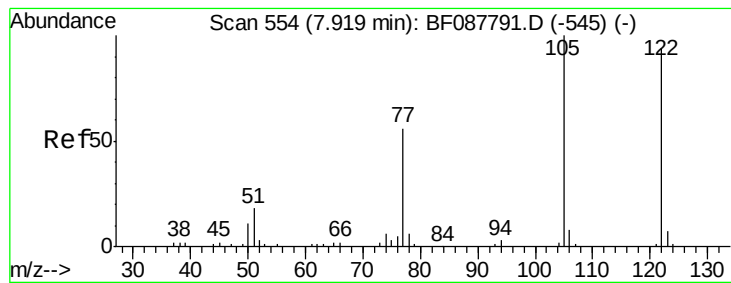
#31
Naphthalene
Concen: 39.52 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:128 Resp: 761237
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.4 10.9 16.3



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: 54.47 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

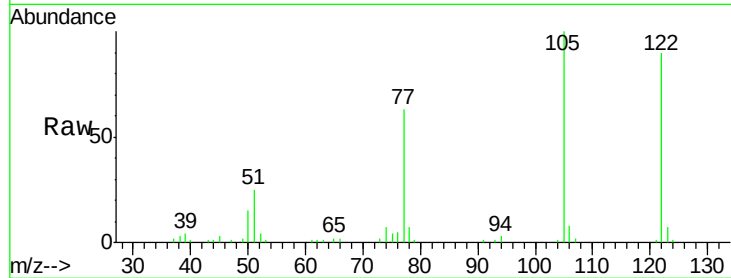
Tot Ion:122 Resp: 191024

Ion Ratio Lower Upper

122 100

105 111.3 101.6 141.6

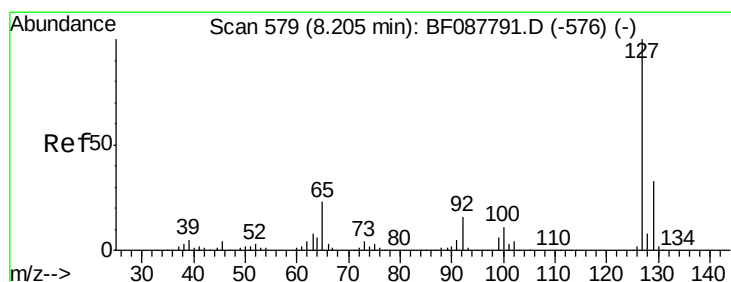
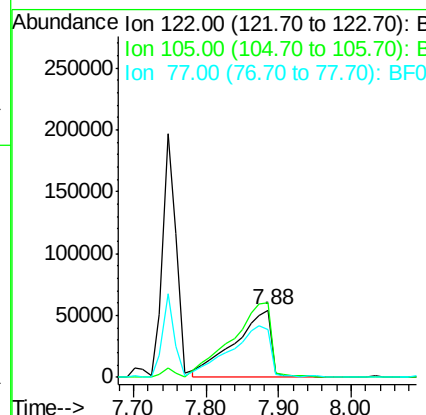
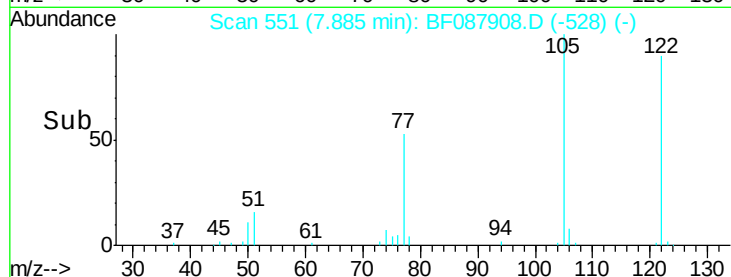
77 70.5 70.6 110.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 21.21 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Tgt Ion:127 Resp: 182407

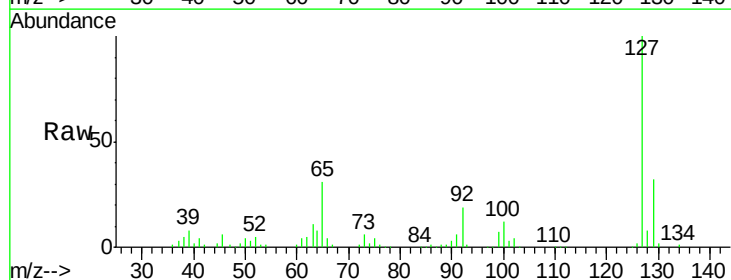
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 31.3 24.7 37.1

92 19.1 15.4 23.0

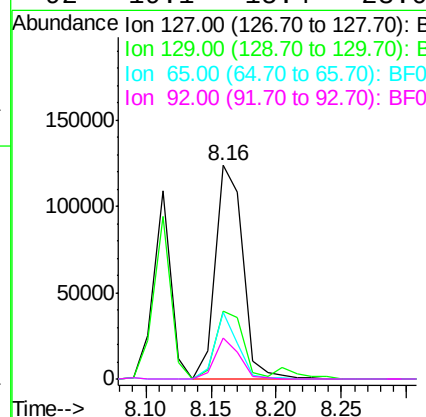
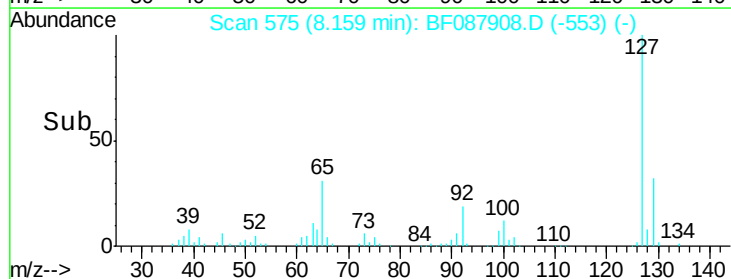


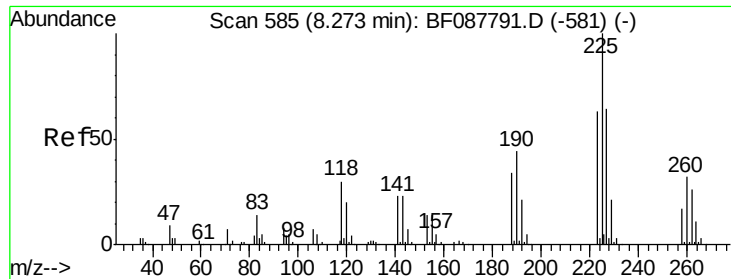
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 37.36 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

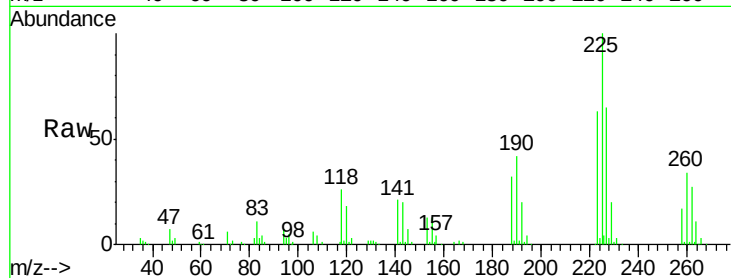
Tot Ion:225 Resp: 114083

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

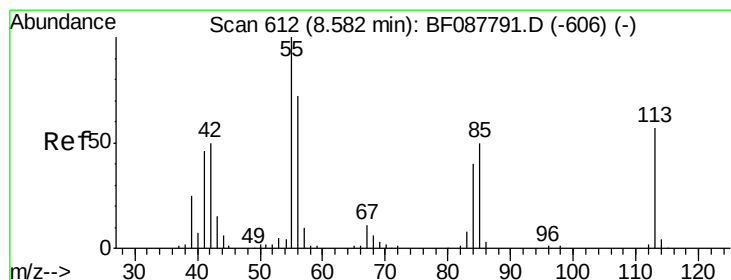
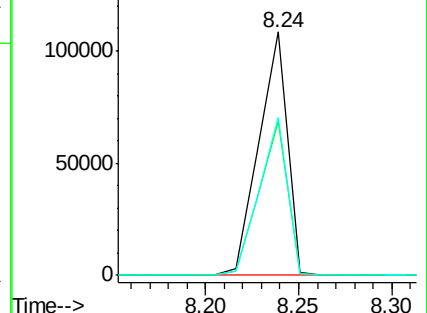
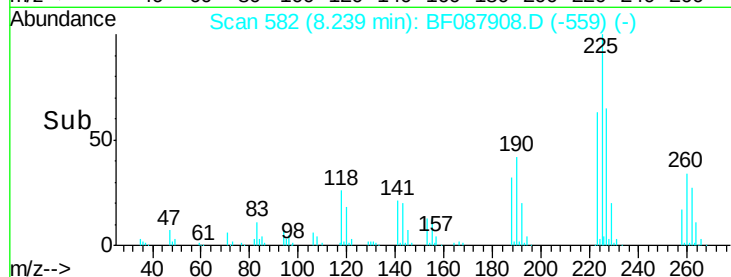
227 64.6 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 26.55 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

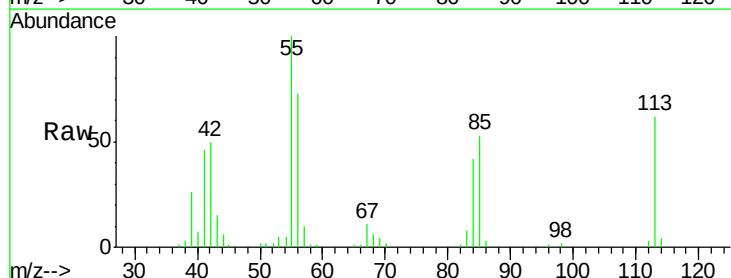
Tgt Ion:113 Resp: 46761

Ion Ratio Lower Upper

113 100

55 161.9 158.6 198.6

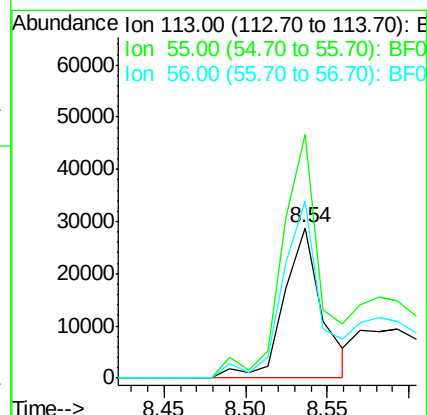
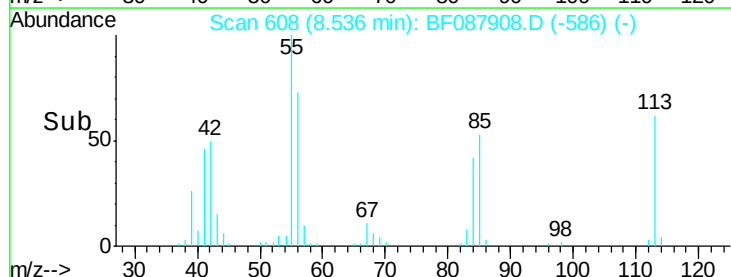
56 117.7 110.6 150.6

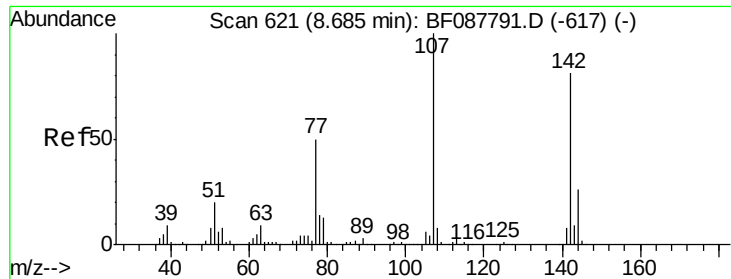


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

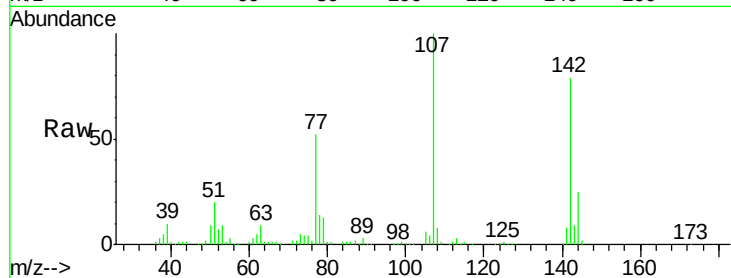




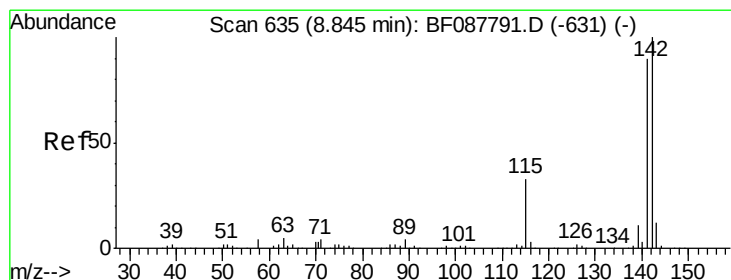
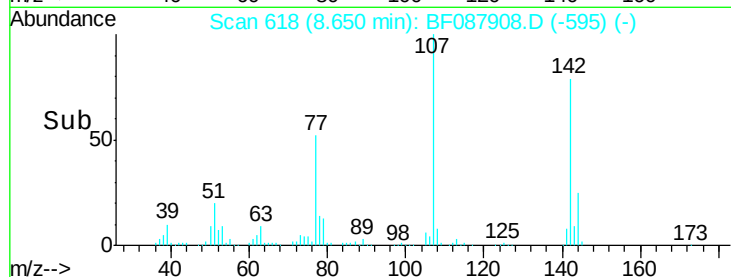
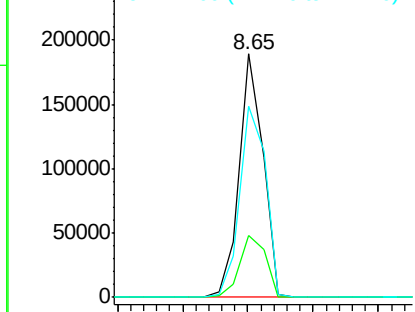
#36
 4-Chloro-3-methylphenol
 Concen: 41.97 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Instrument :
 BNA_F
 ClientSampleID :
 PB91119BSD

Tot Ion:107 Resp: 238678
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.8 31.2
 142 78.7 63.4 95.2

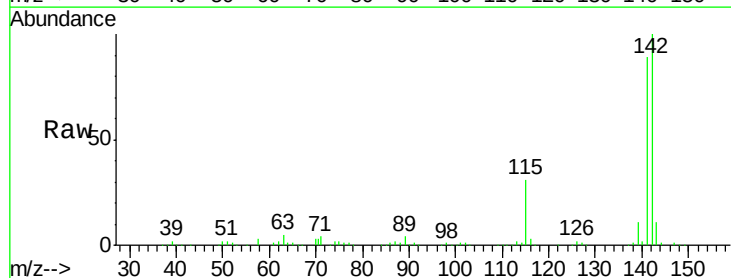


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

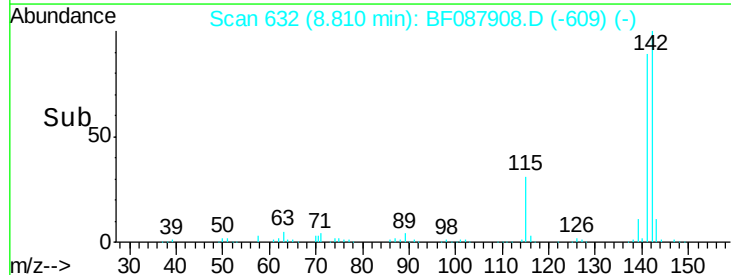
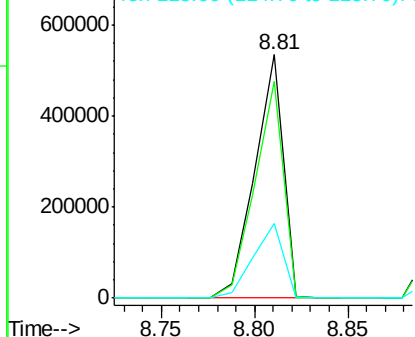


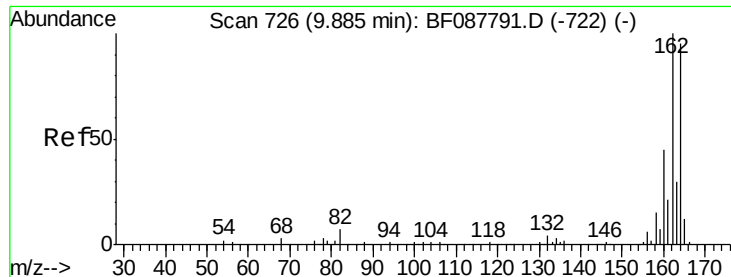
#37
 2-Methylnaphthalene
 Concen: 44.45 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion:142 Resp: 564295
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 30.9 22.6 33.8



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

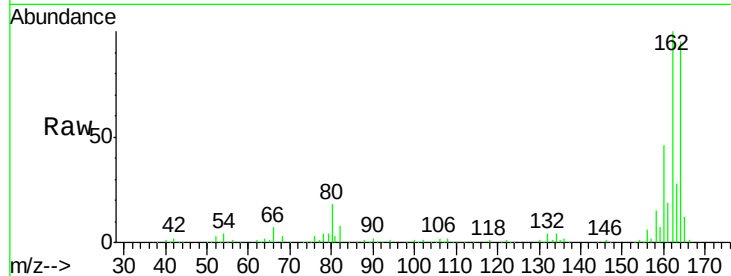




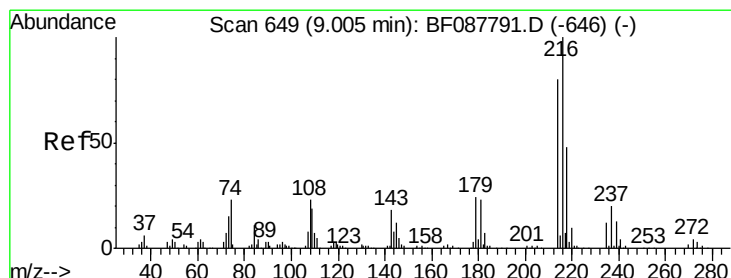
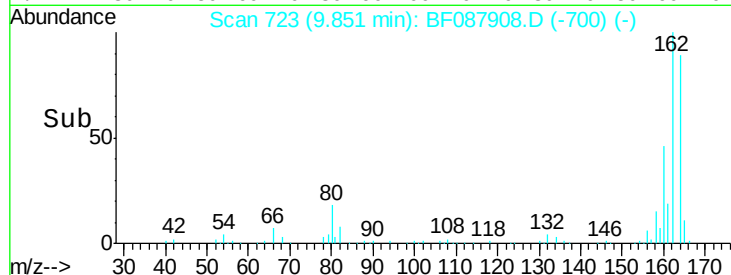
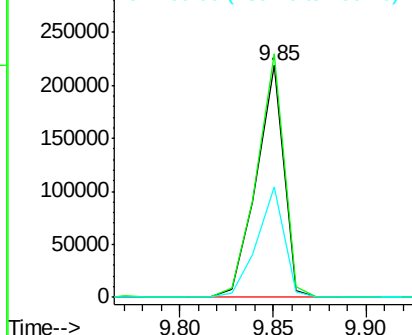
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:164 Resp: 221359
Ion Ratio Lower Upper
164 100
162 105.0 85.4 128.2
160 47.8 39.5 59.3

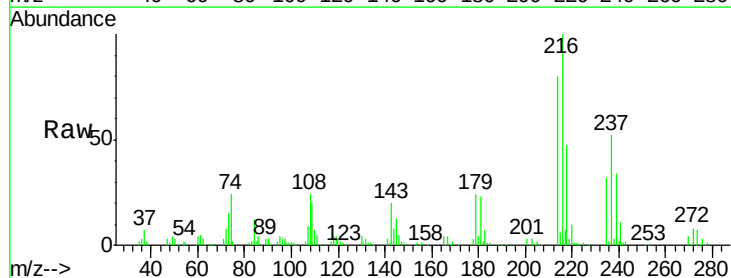


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

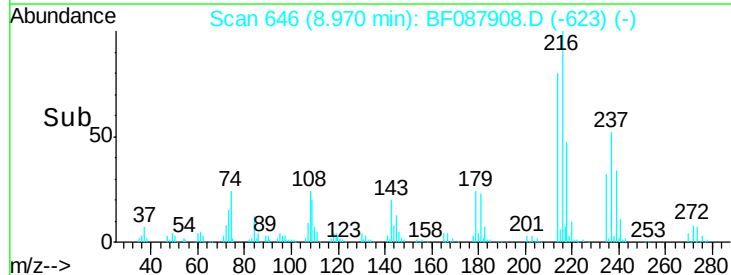
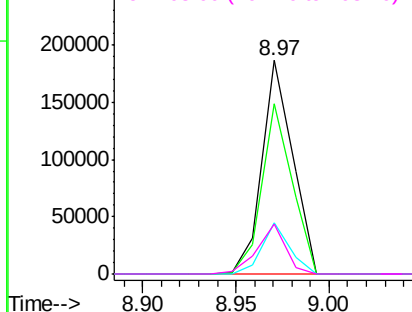


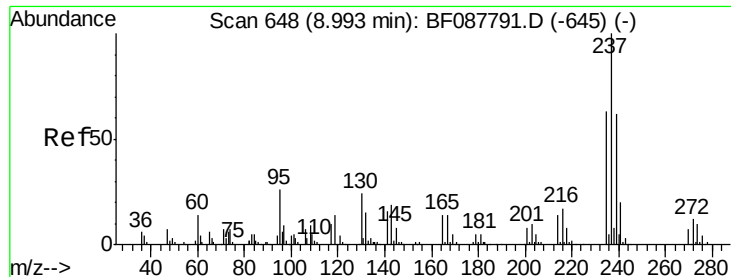
#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.89 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:216 Resp: 211918
Ion Ratio Lower Upper
216 100
214 78.2 2.9 4.3#
179 21.7 0.0 0.0#
108 22.2 0.5 0.7#



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

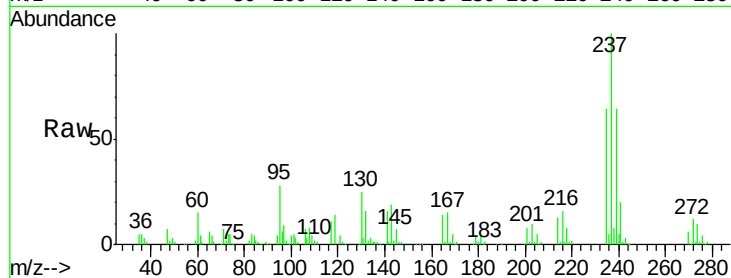




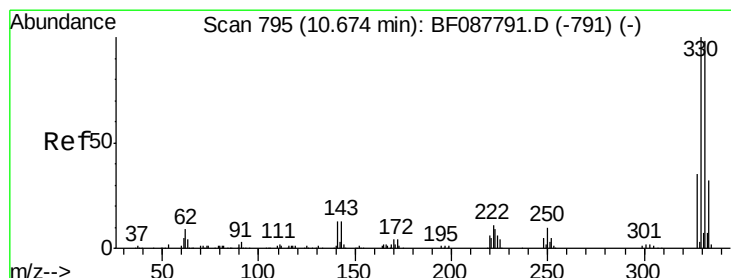
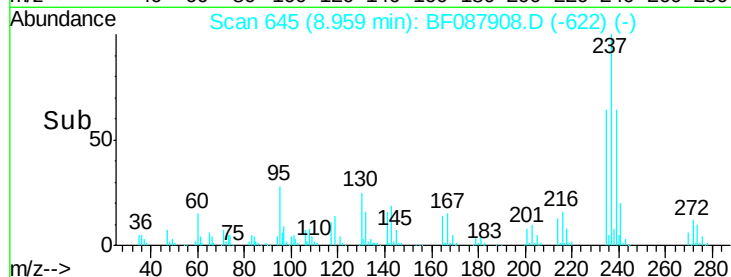
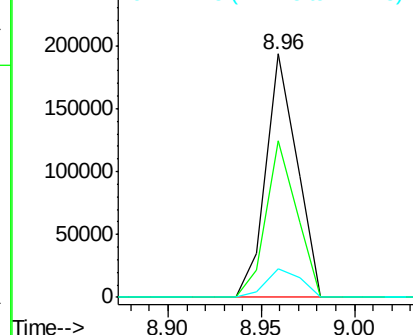
#40
Hexachlorocyclopentadiene
Concen: 62.41 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:237 Resp: 222858
Ion Ratio Lower Upper
237 100
235 64.3 43.4 83.4
272 11.8 0.0 32.3

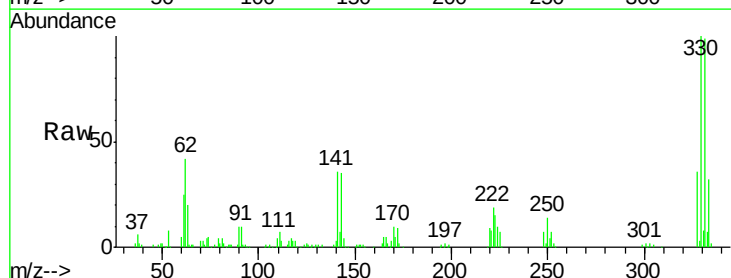


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

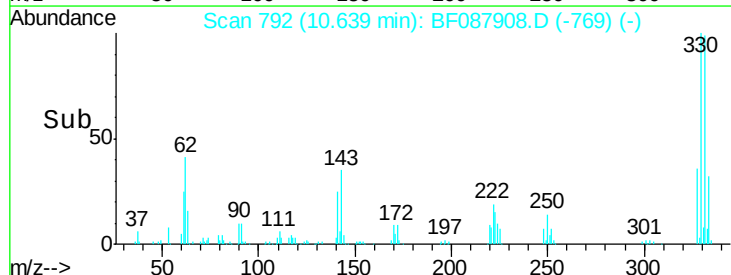
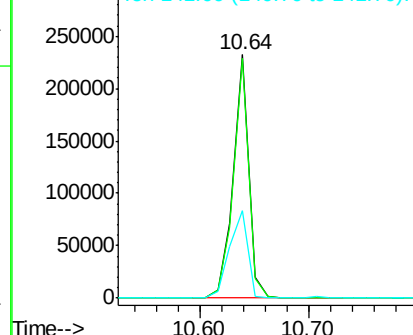


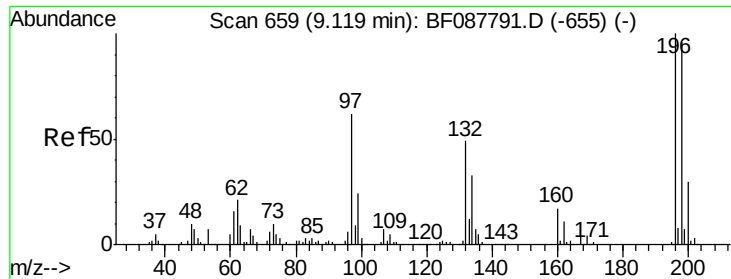
#41
2,4,6-Tribromophenol
Concen: 98.29 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:330 Resp: 229734
Ion Ratio Lower Upper
330 100
332 97.3 0.0 0.0#
141 42.1 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

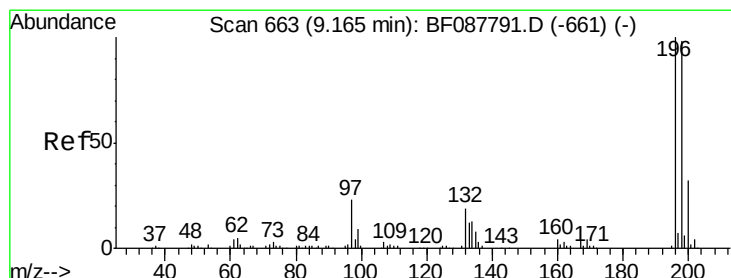
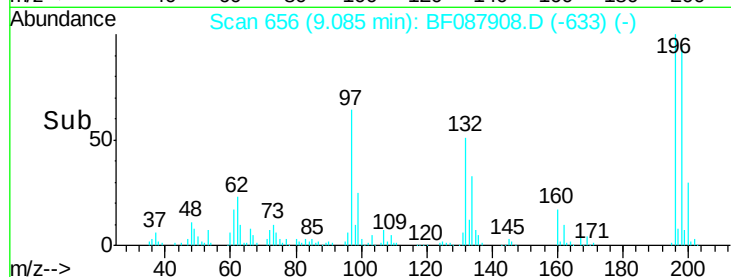
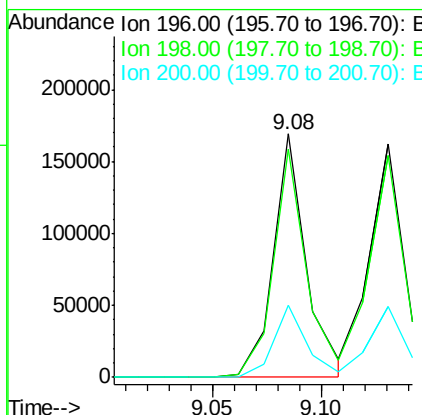
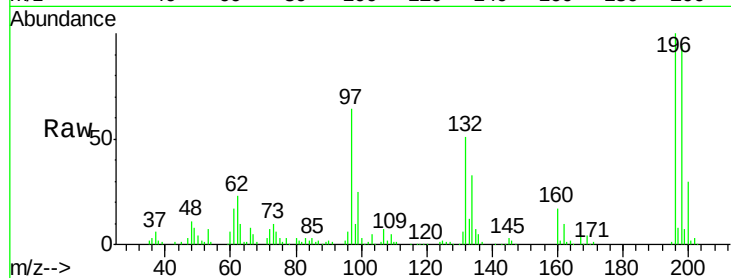




#42
 2,4,6-Trichlorophenol
 Concen: 40.51 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

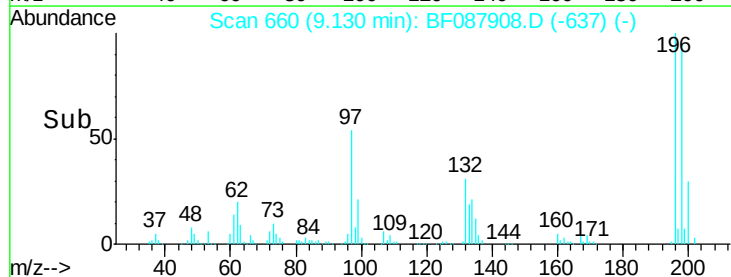
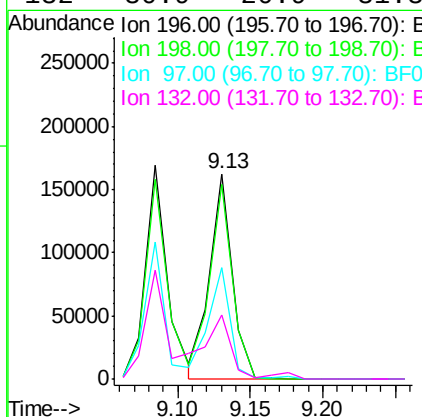
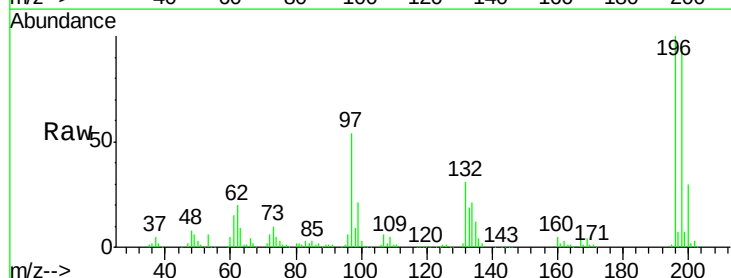
Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

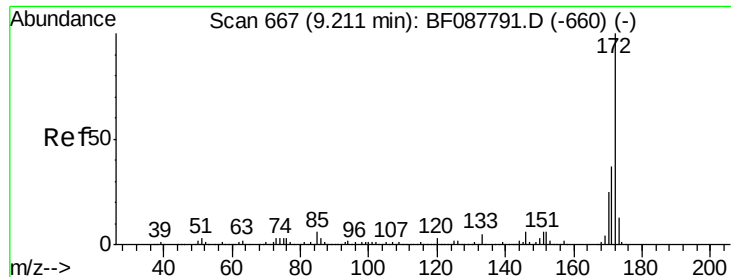
Tot Ion:196 Resp: 179327
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.0 117.0
 200 29.7 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 38.55 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion:196 Resp: 177543
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.5 116.3
 97 54.3 32.0 48.0#
 132 30.9 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 81.68 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

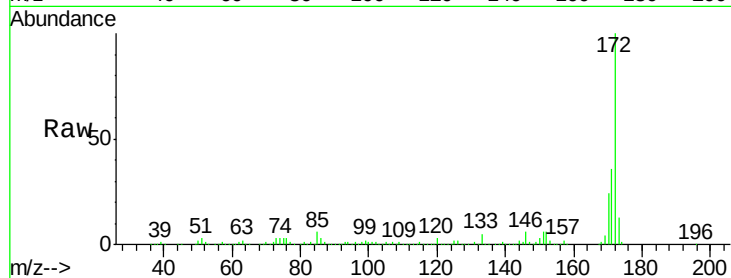
BNA_F

ClientSampleId :

PB91119BSD

Tot Ion:172 Resp: 1154012

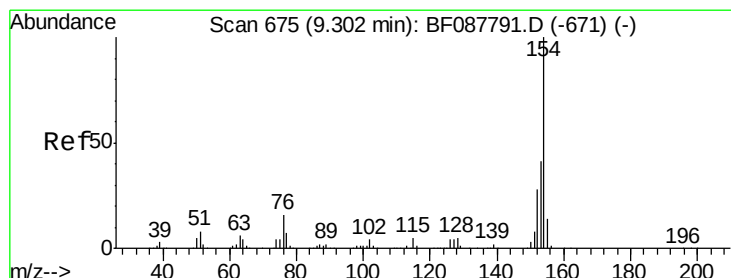
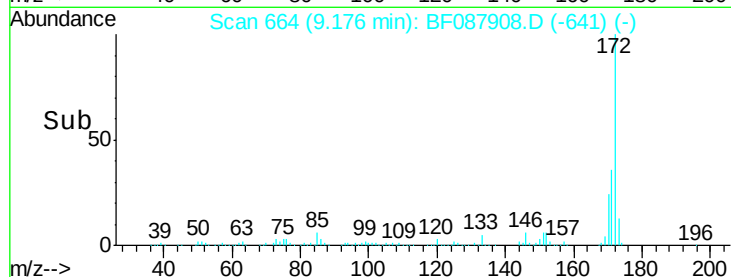
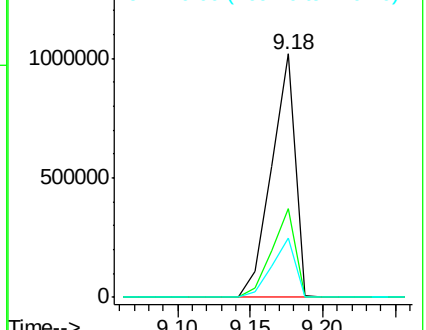
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.2	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.68 ng

RT: 9.27 min Scan# 672

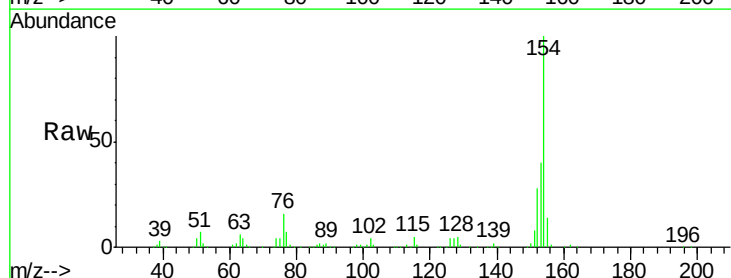
Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Tgt Ion:154 Resp: 685734

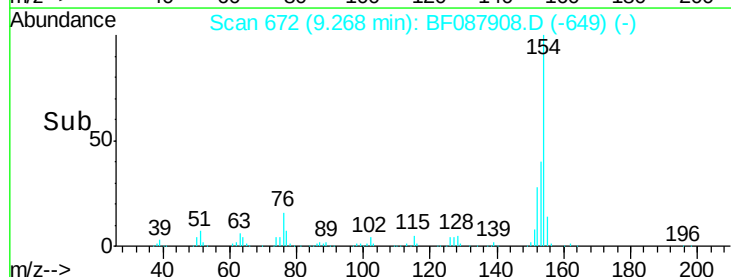
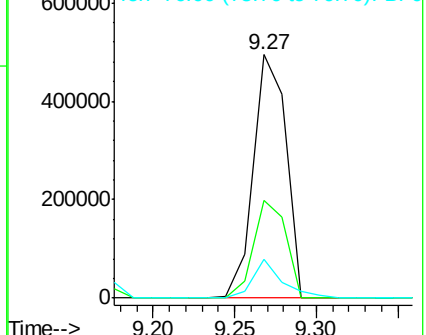
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	15.8	0.0	35.1

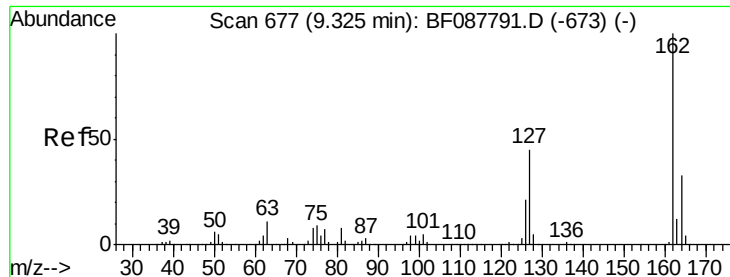


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

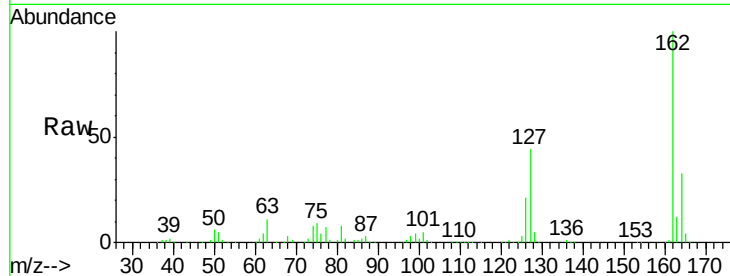




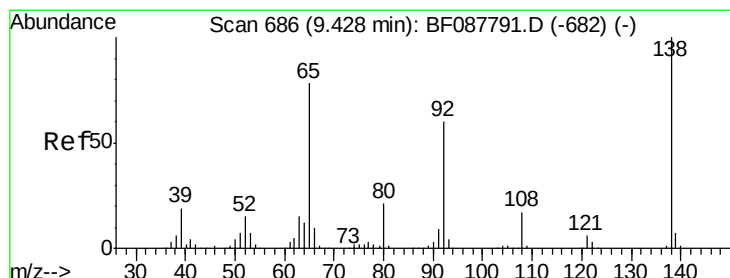
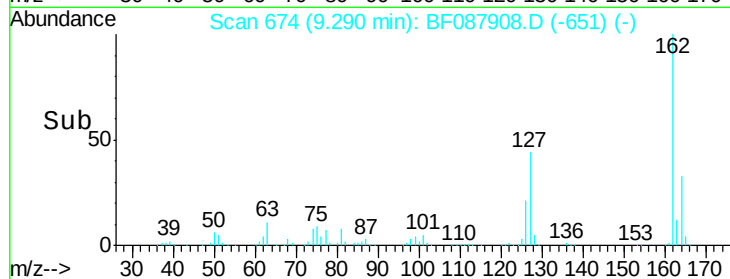
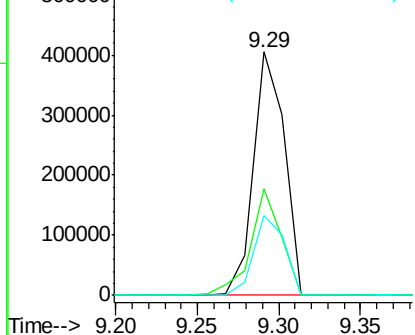
#46
2-Chloronaphthalene
Concen: 37.17 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:162 Resp: 532431
Ion Ratio Lower Upper
162 100
127 44.0 35.2 52.8
164 32.8 26.6 39.8

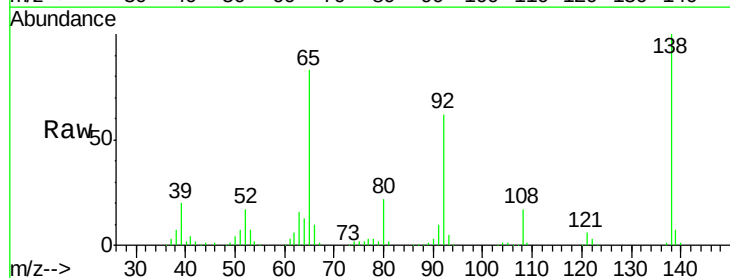


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

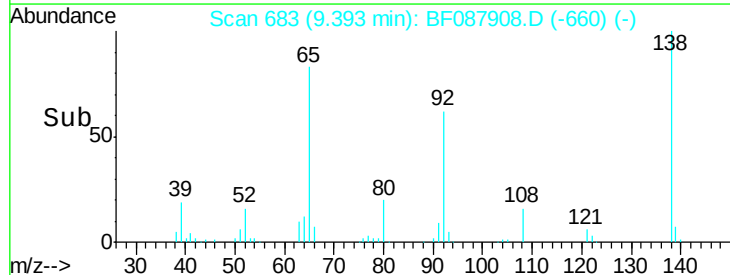
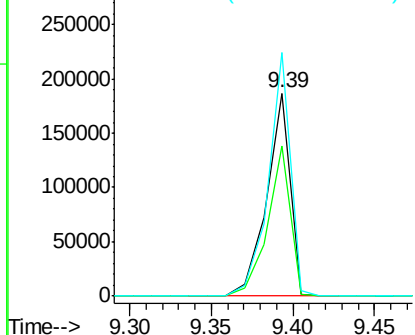


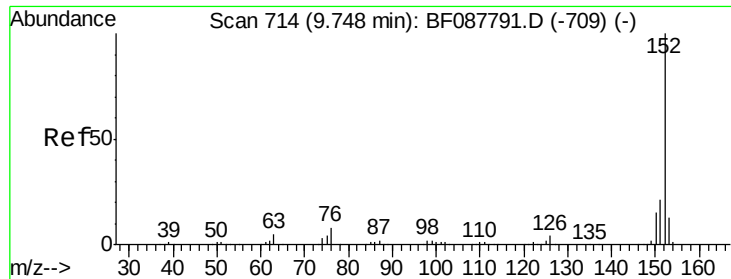
#47
2-Nitroaniline
Concen: 44.31 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion: 65 Resp: 187227
Ion Ratio Lower Upper
65 100
92 74.0 54.6 82.0
138 119.8 77.0 115.4#



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

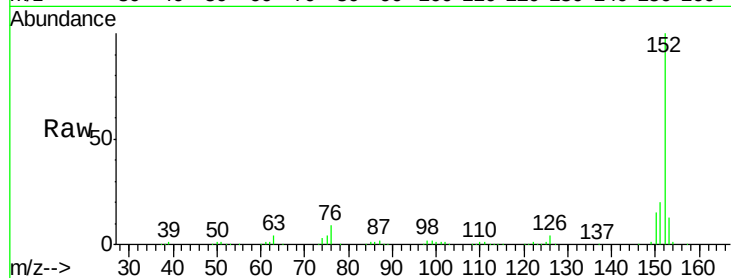




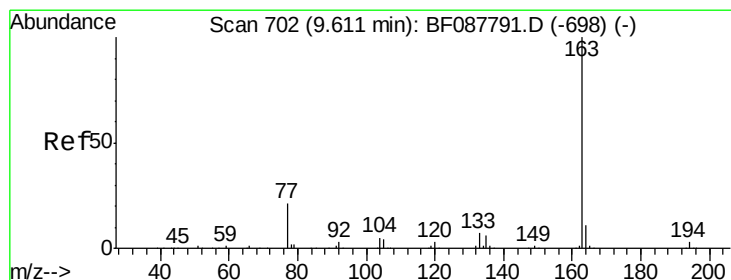
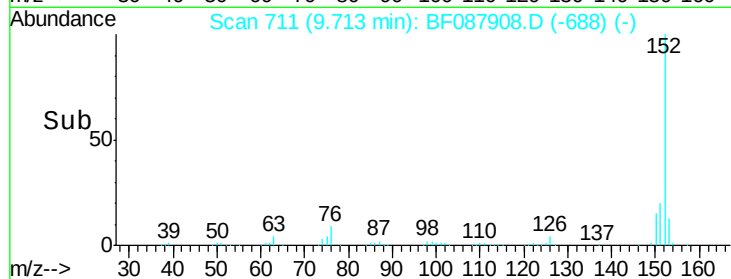
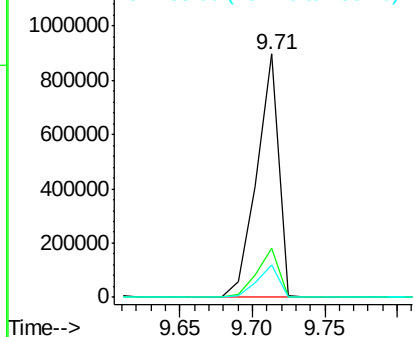
#48
Acenaphthylene
Concen: 41.28 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:152 Resp: 940622
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 11.0 16.6

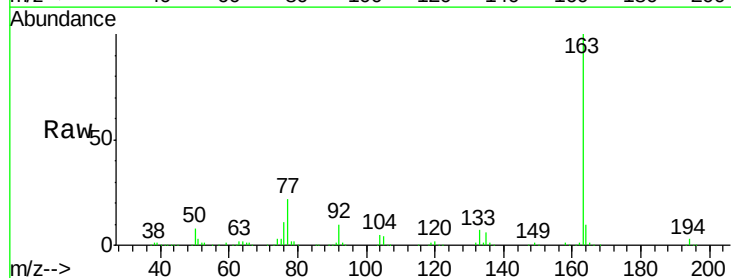


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

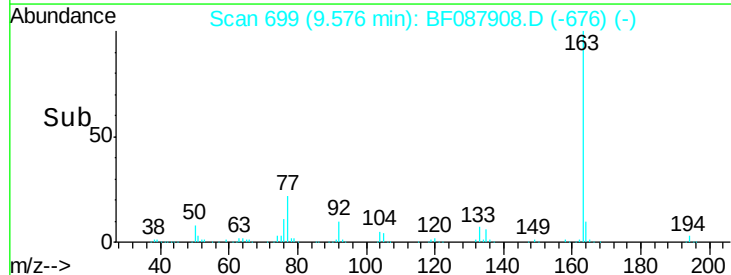
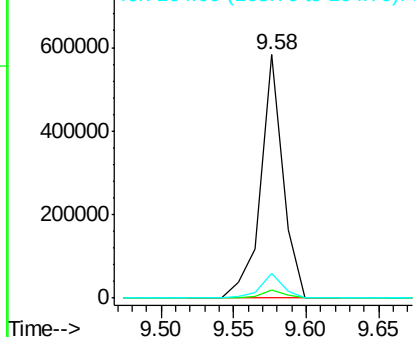


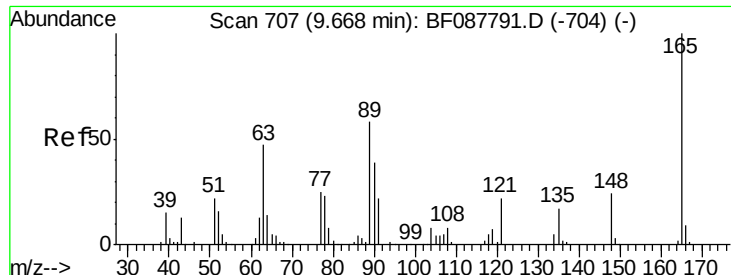
#49
Dimethylphthalate
Concen: 38.69 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:163 Resp: 620324
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.4 8.3 12.5



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

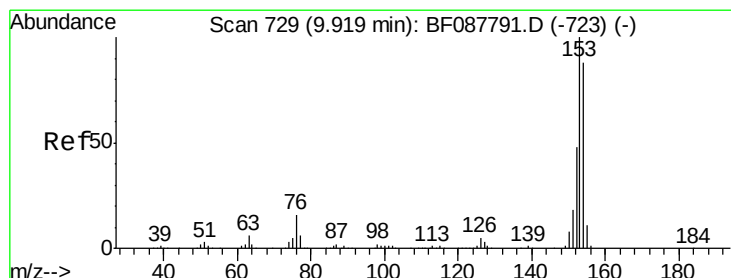
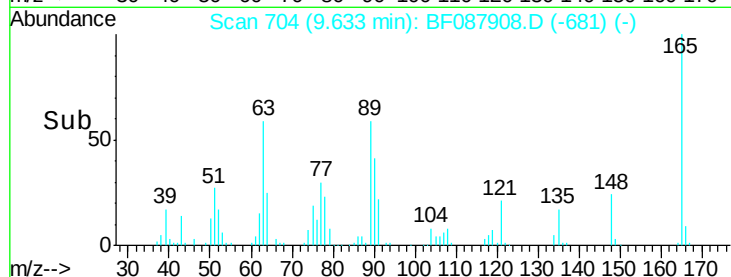
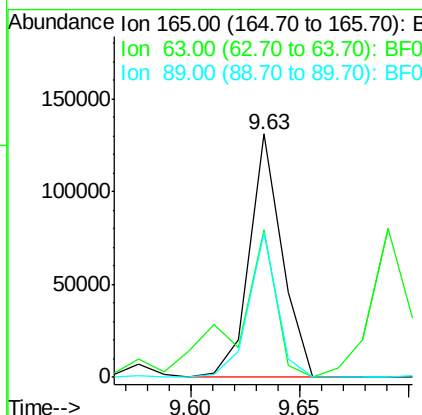
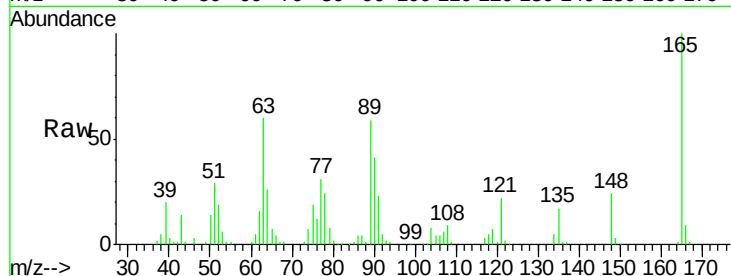




#50
2,6-Dinitrotoluene
Concen: 37.33 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

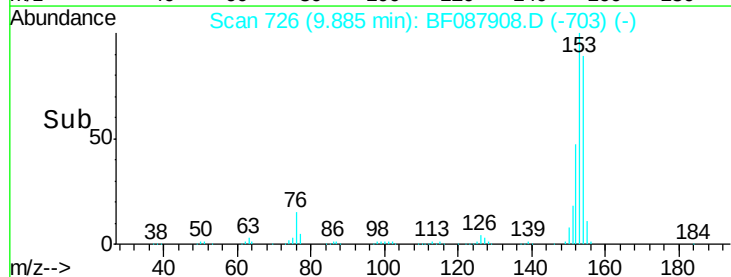
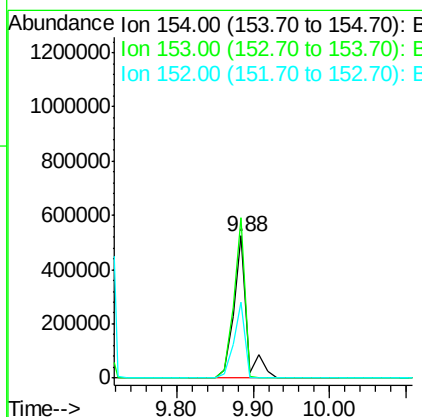
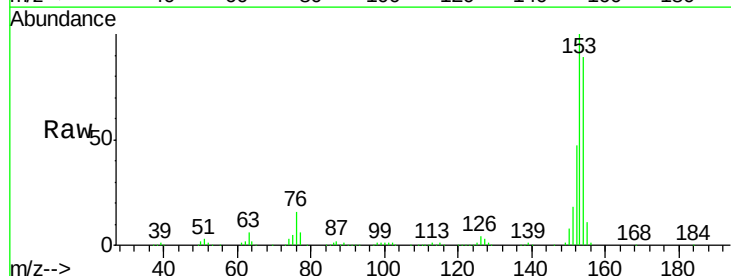
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

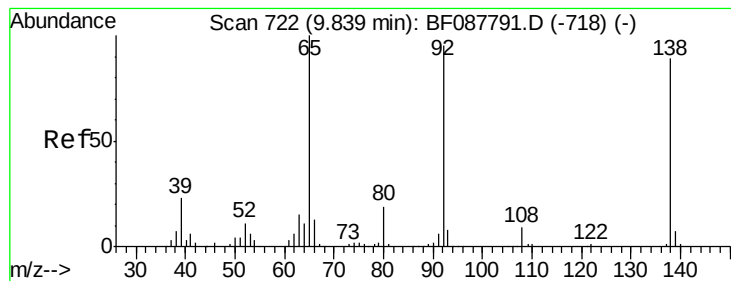
Tot Ion:165 Resp: 137092
Ion Ratio Lower Upper
165 100
63 60.5 28.1 42.1#
89 59.4 32.2 48.2#



#51
Acenaphthene
Concen: 44.31 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:154 Resp: 629856
Ion Ratio Lower Upper
154 100
153 112.9 89.5 134.3
152 53.3 42.7 64.1





#52

3-Nitroaniline

Concen: 28.34 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

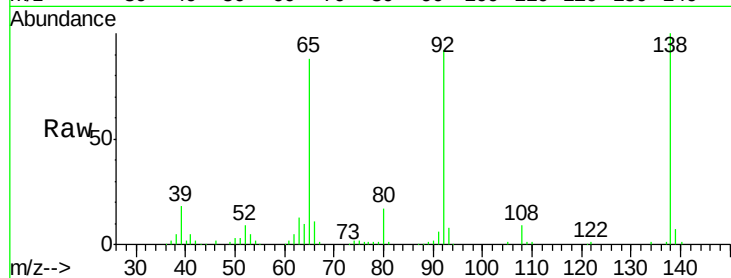
Tot Ion:138 Resp: 120089

Ion Ratio Lower Upper

138 100

108 8.7 8.5 12.7

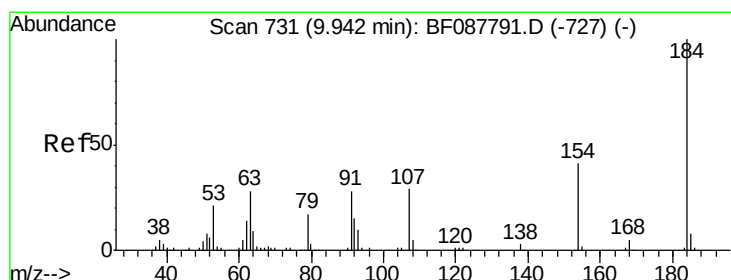
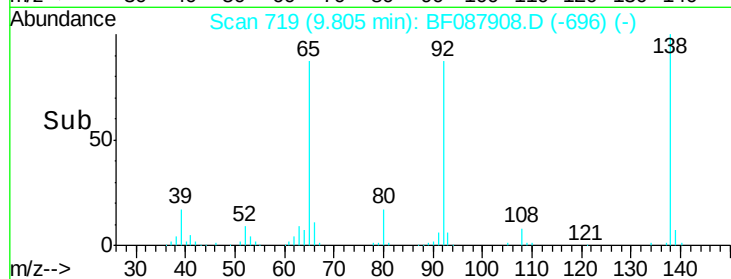
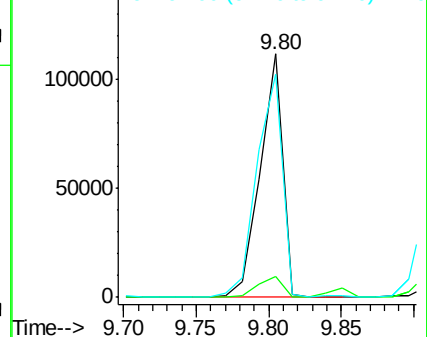
92 91.6 95.7 143.5#



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): E



#53

2,4-Dinitrophenol

Concen: 76.39 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

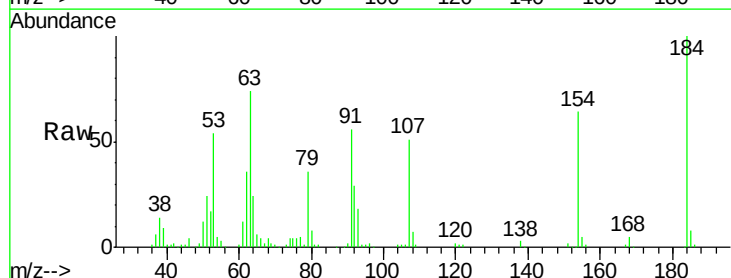
Tgt Ion:184 Resp: 151939

Ion Ratio Lower Upper

184 100

63 74.1 57.6 86.4

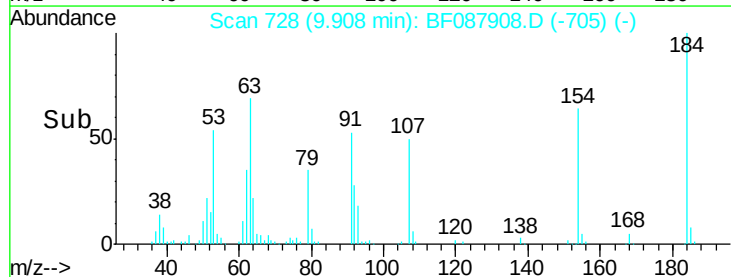
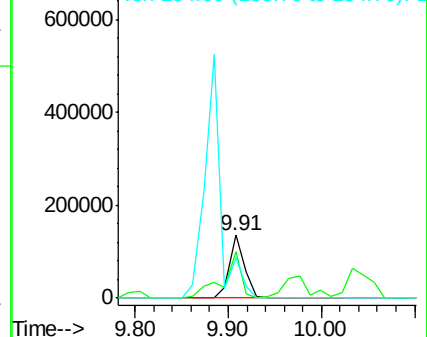
154 64.0 53.5 80.3

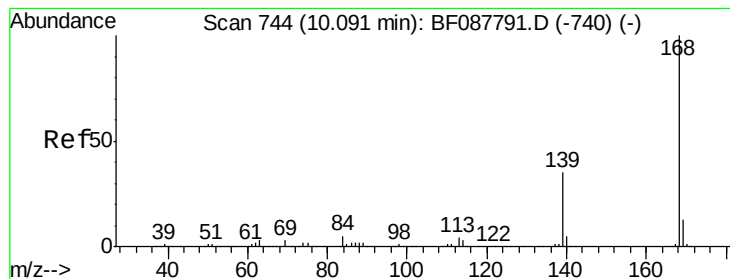


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 42.10 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

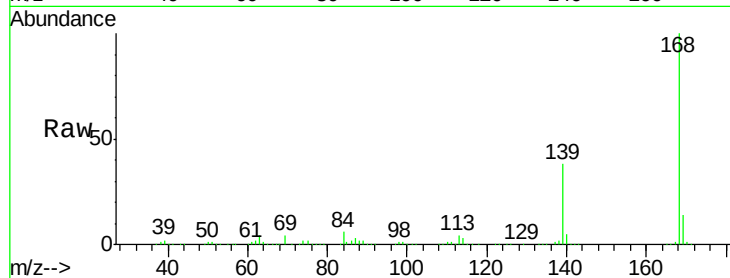
Tot Ion:168 Resp: 824079

Ion Ratio Lower Upper

168 100

139 37.5 26.4 39.6

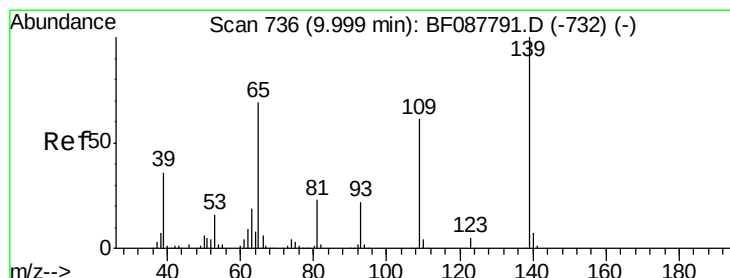
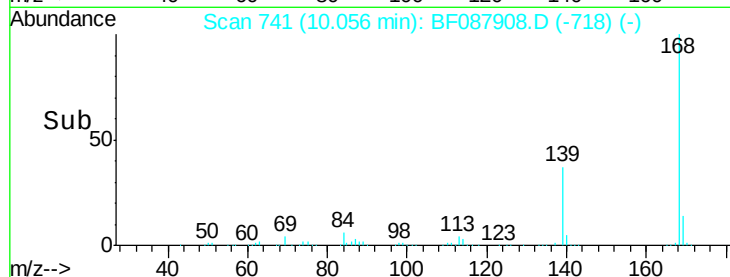
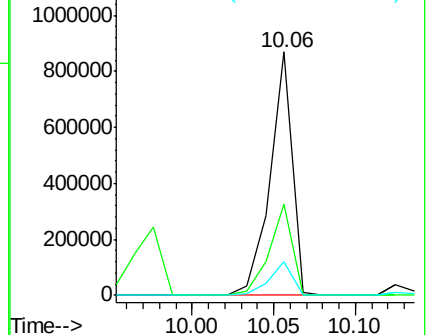
169 13.7 10.4 15.6



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: 92.52 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

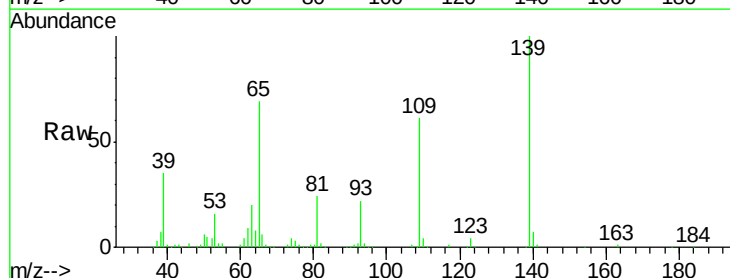
Tgt Ion:139 Resp: 304271

Ion Ratio Lower Upper

139 100

109 60.7 48.9 88.9

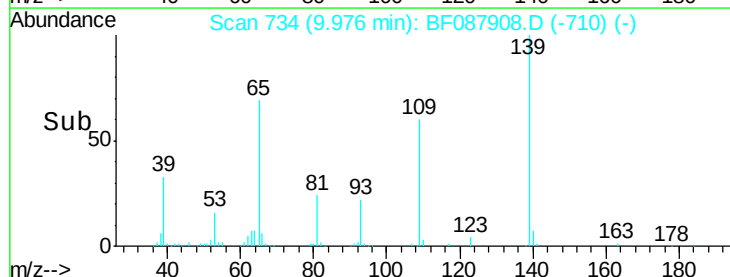
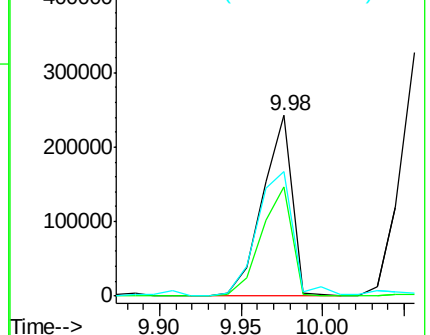
65 68.9 84.9 124.9#

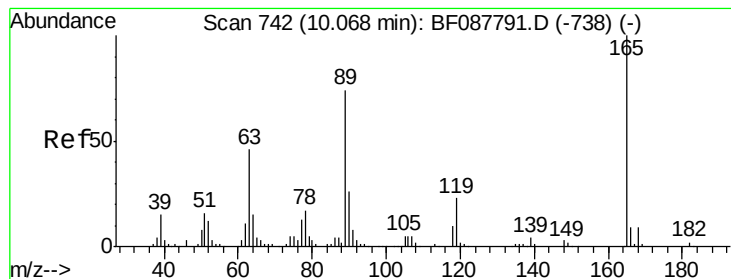


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

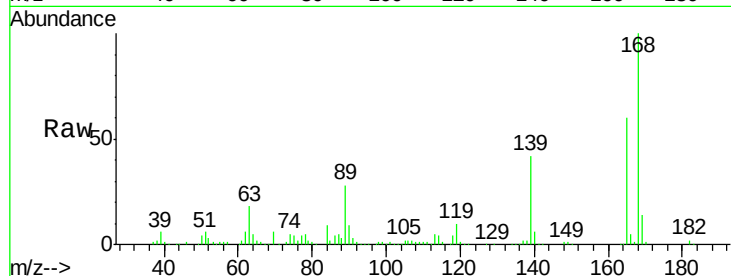




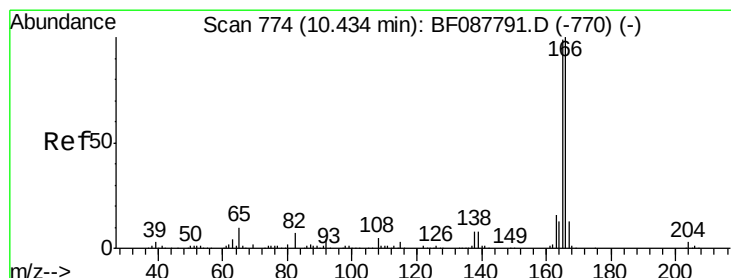
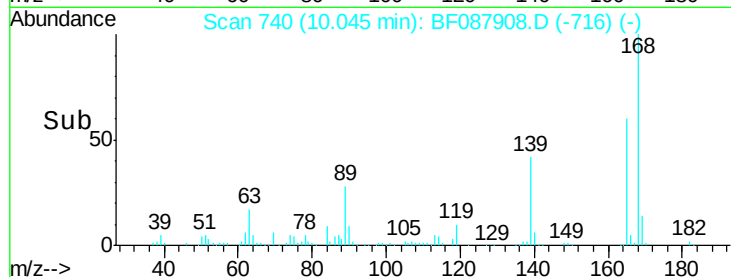
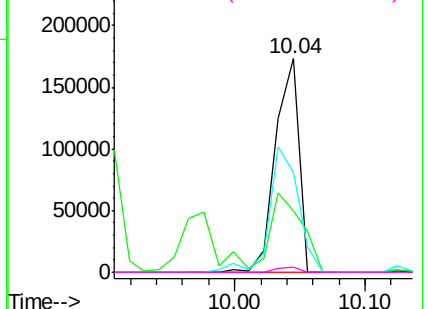
#56
2,4-Dinitrotoluene
Concen: 46.49 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:165	Resp:	219407
Ion Ratio	Lower	Upper
165	100	
63	29.0	22.0 33.0
89	46.5	41.1 61.7
182	2.5	2.0 3.0

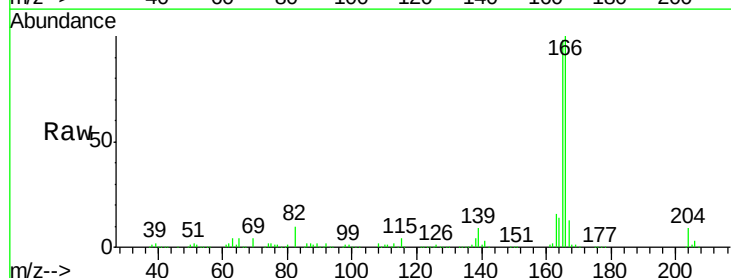


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

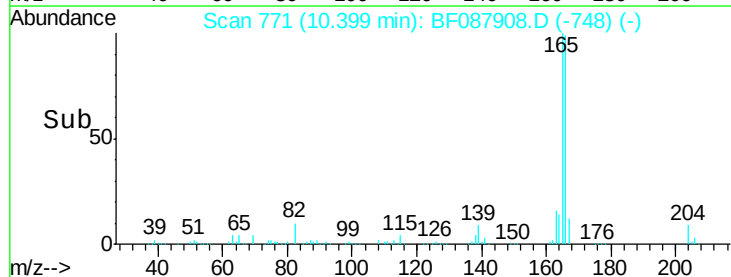
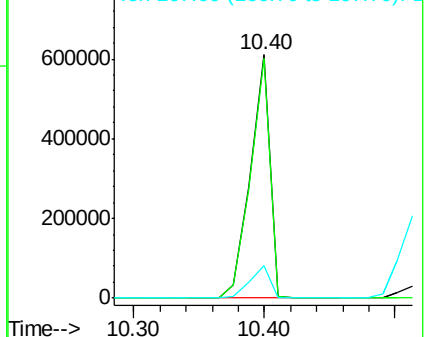


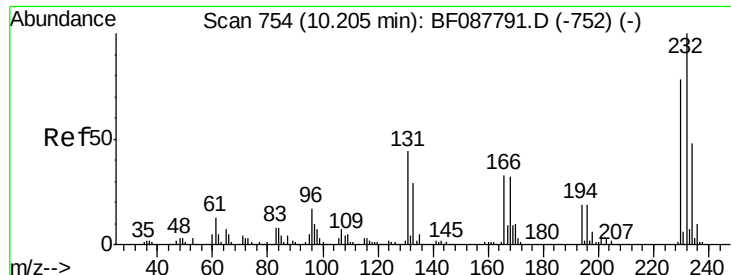
#57
Fluorene
Concen: 48.41 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:166	Resp:	635471
Ion Ratio	Lower	Upper
166	100	
165	98.5	77.8 116.8
167	13.1	11.2 16.8



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

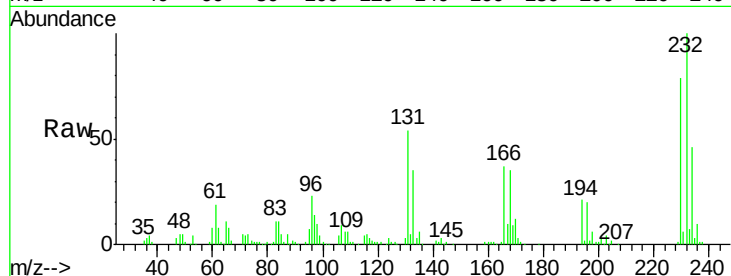




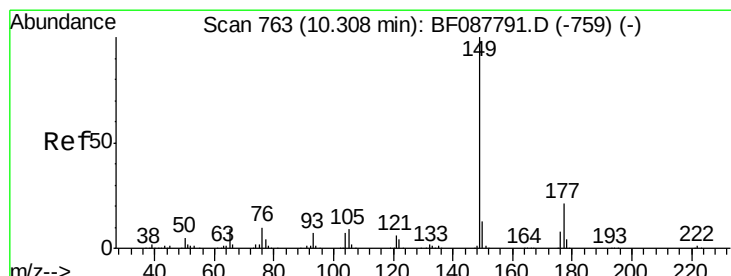
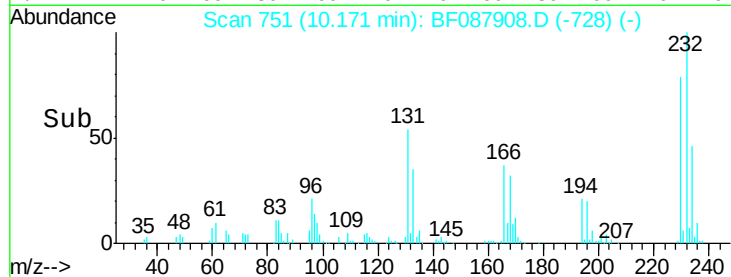
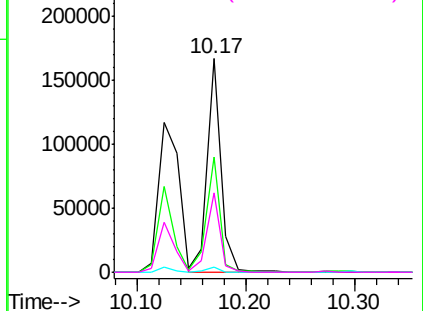
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.43 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

Tot Ion:232 Resp: 149947
 Ion Ratio Lower Upper
 232 100
 131 51.8 0.9 1.3#
 130 2.3 1.5 2.3#
 166 35.0 0.5 0.7#

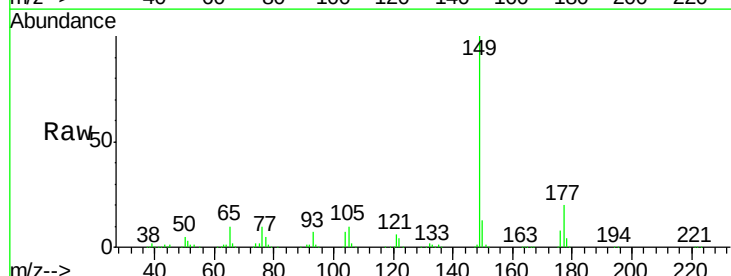


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

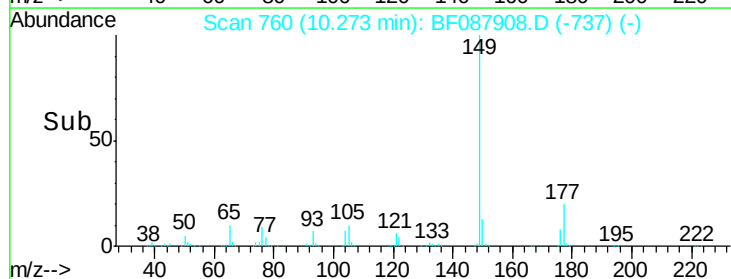
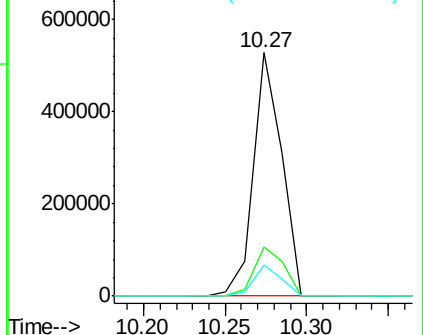


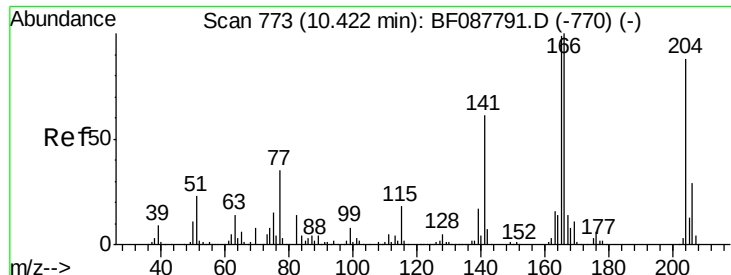
#59
 Diethylphthalate
 Concen: 39.28 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion:149 Resp: 637550
 Ion Ratio Lower Upper
 149 100
 177 20.0 16.9 25.3
 150 12.7 10.1 15.1



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

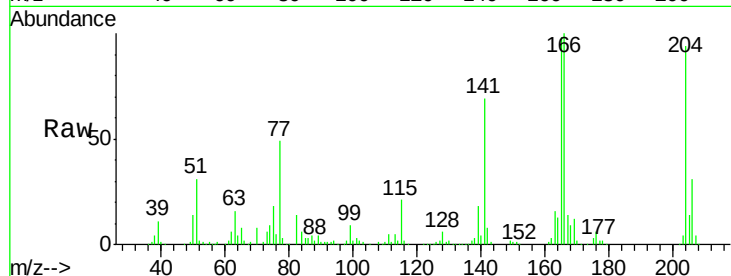




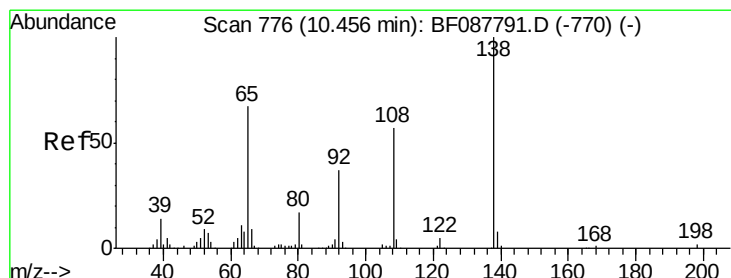
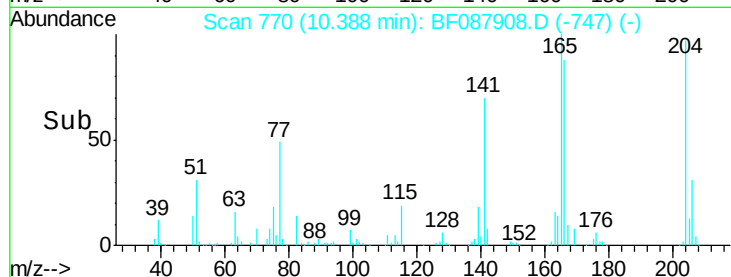
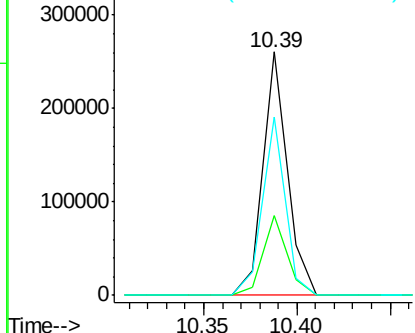
#60
 4-Chlorophenyl-phenylether
 Concen: 35.98 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

Tot Ion:204 Resp: 234215
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.3 39.5
 141 73.1 55.0 82.6

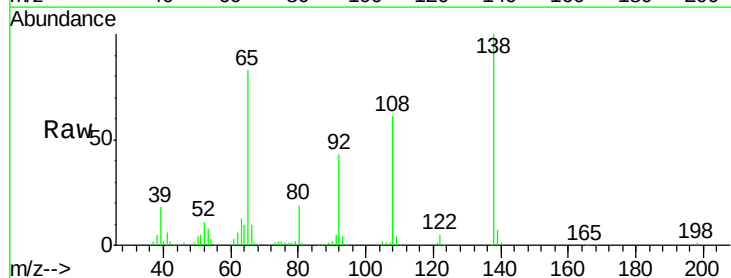


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

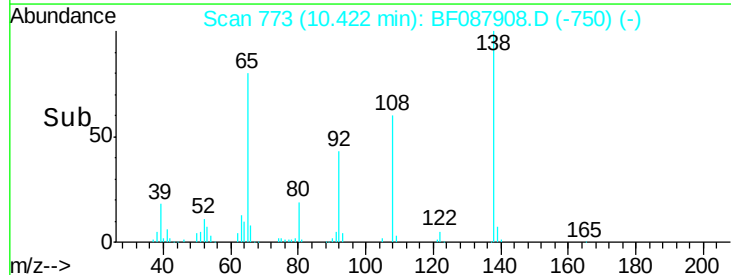
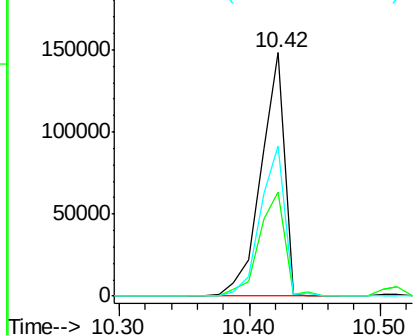


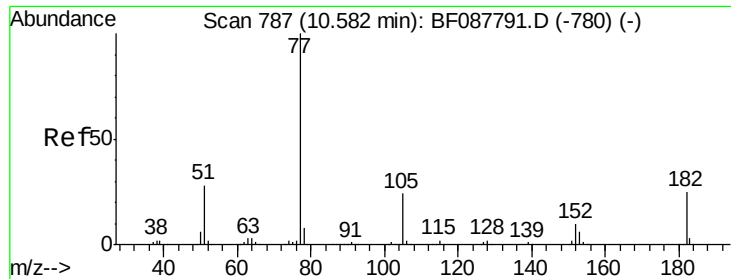
#61
 4-Nitroaniline
 Concen: 46.13 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion:138 Resp: 185425
 Ion Ratio Lower Upper
 138 100
 92 42.8 27.3 67.3
 108 61.5 46.7 86.7



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: 40.44 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

Tot Ion: 77 Resp: 649030

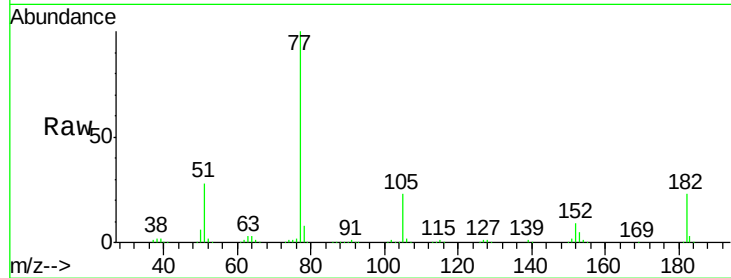
Ion Ratio Lower Upper

77 100

182 22.6 4.4 44.4

105 23.3 3.8 43.8

51 27.7 9.3 49.3

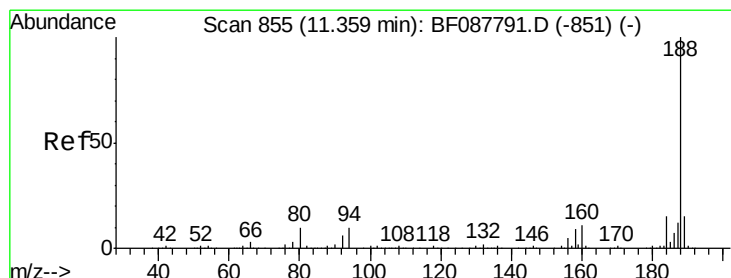
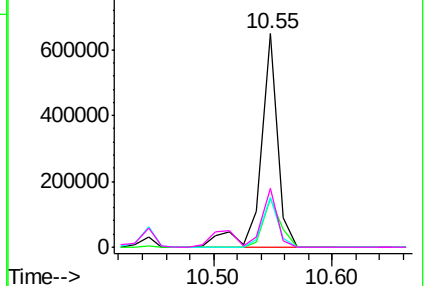
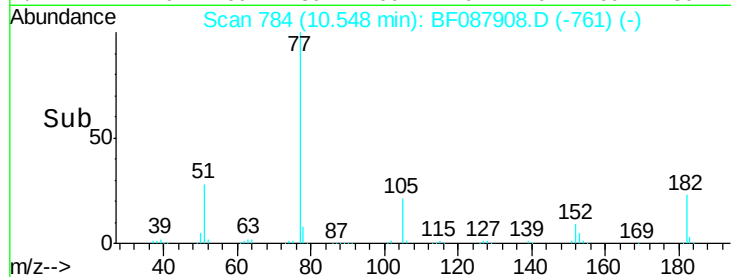


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.32 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

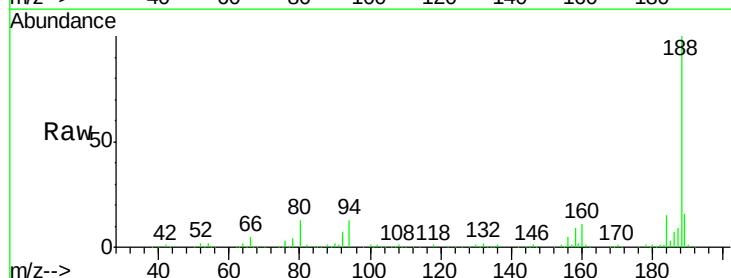
Tgt Ion: 188 Resp: 402611

Ion Ratio Lower Upper

188 100

94 12.7 9.0 13.6

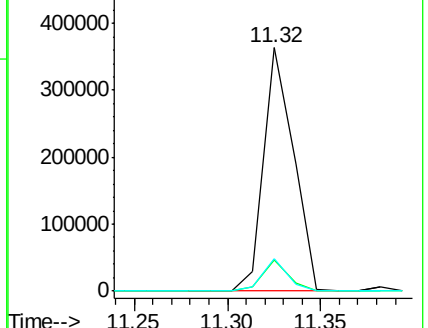
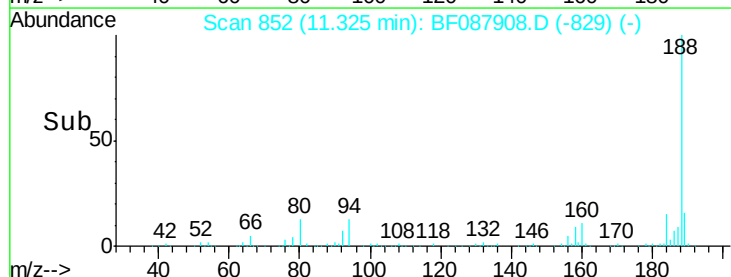
80 13.4 10.0 15.0

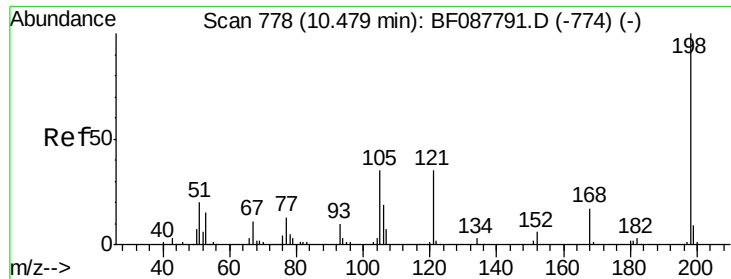


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.32 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

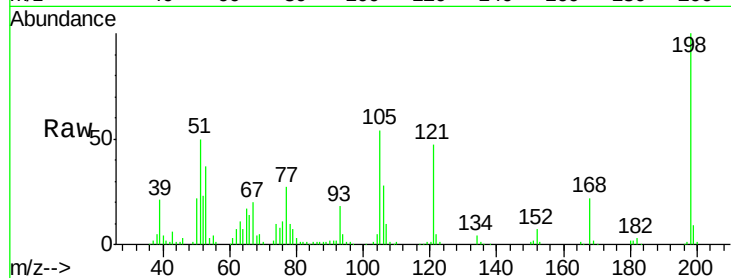
Tot Ion:198 Resp: 103063

Ion Ratio Lower Upper

198 100

51 50.3 39.6 79.6

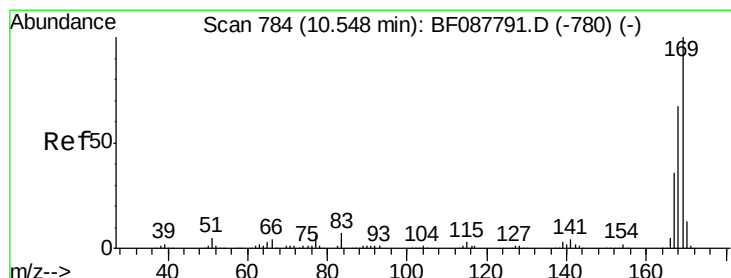
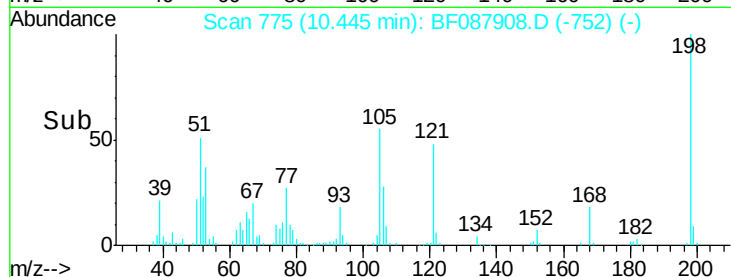
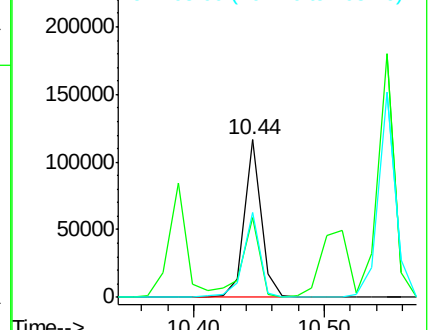
105 54.1 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.04 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

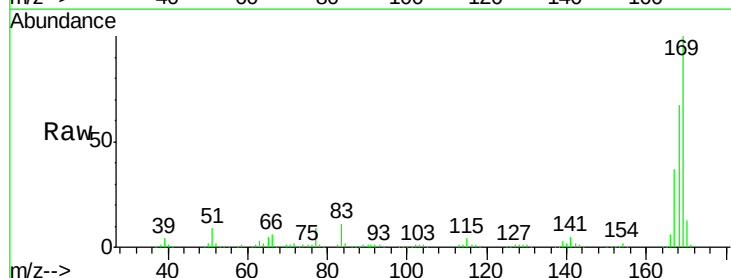
Tgt Ion:169 Resp: 588356

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

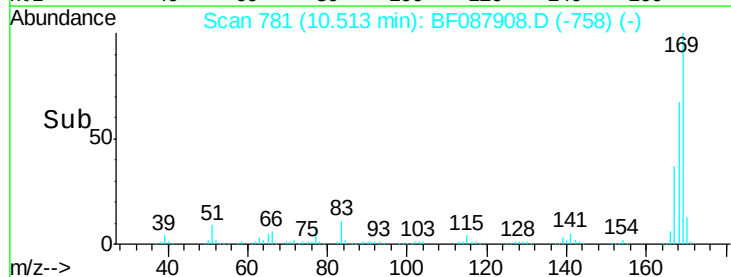
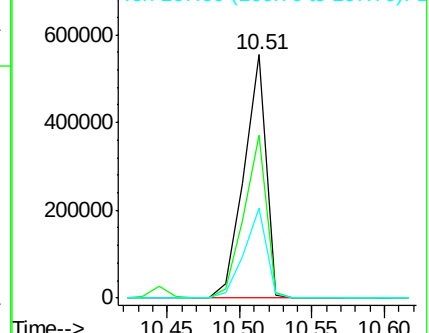
167 37.0 29.4 44.0

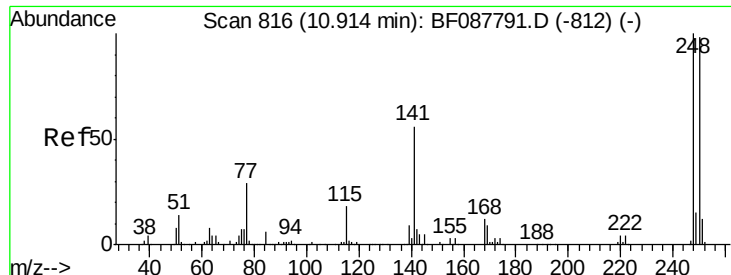


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

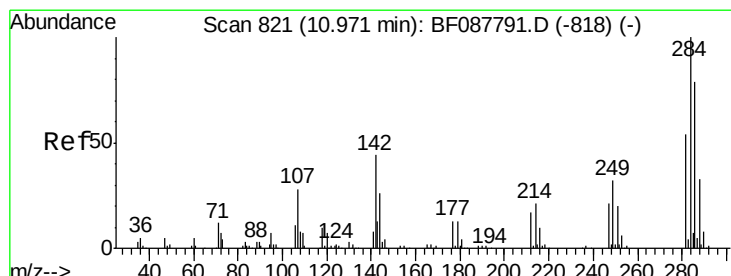
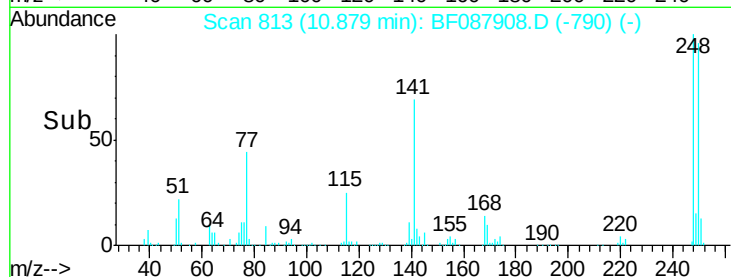
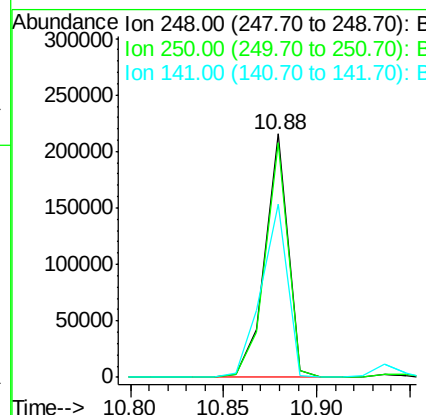
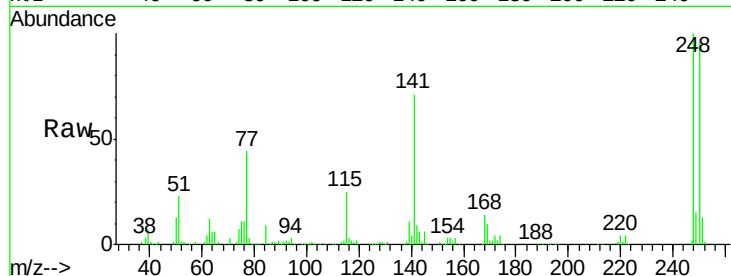




#66
4-Bromophenyl-phenylether
Concen: 42.27 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

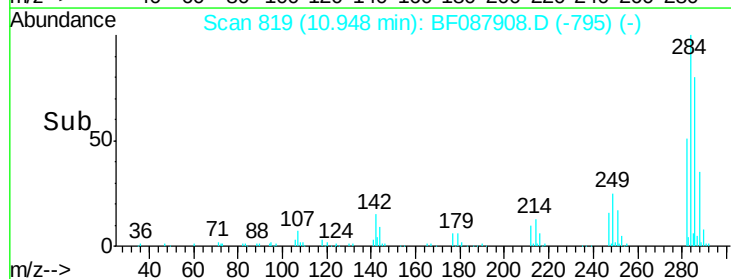
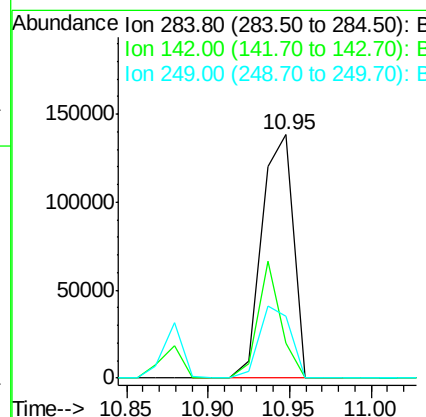
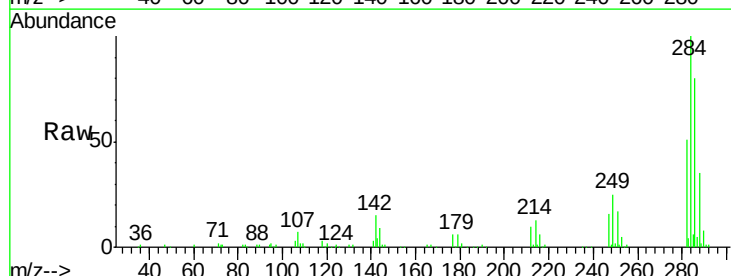
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

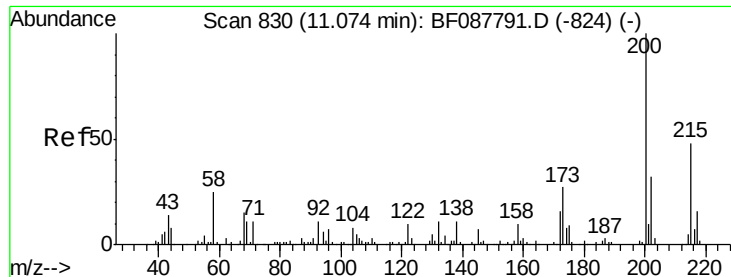
Tot Ion:248 Resp: 182575
Ion Ratio Lower Upper
248 100
250 96.3 77.1 115.7
141 71.1 50.6 76.0



#67
Hexachlorobenzene
Concen: 41.11 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:284 Resp: 184517
Ion Ratio Lower Upper
284 100
142 14.6 35.8 53.8#
249 25.5 25.8 38.6#





#68

Atrazine

Concen: 37.19 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

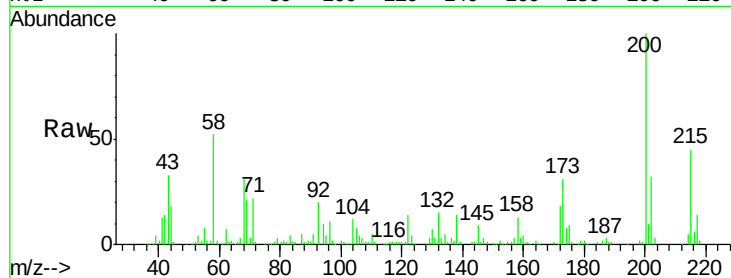
Tot Ion:200 Resp: 150458

Ion Ratio Lower Upper

200 100

173 30.6 4.0 44.0

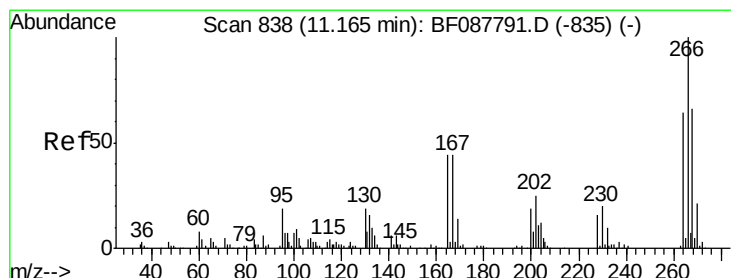
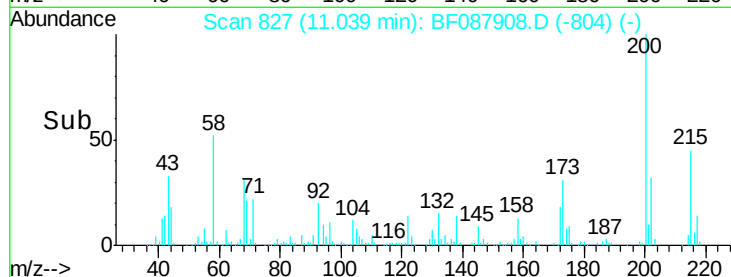
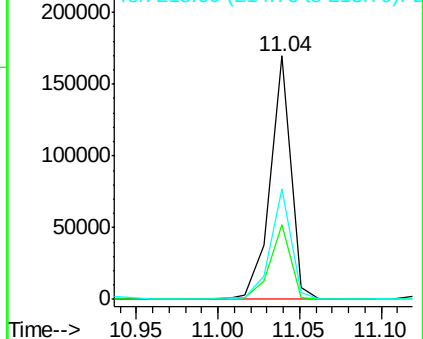
215 45.1 29.3 69.3



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: 93.85 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

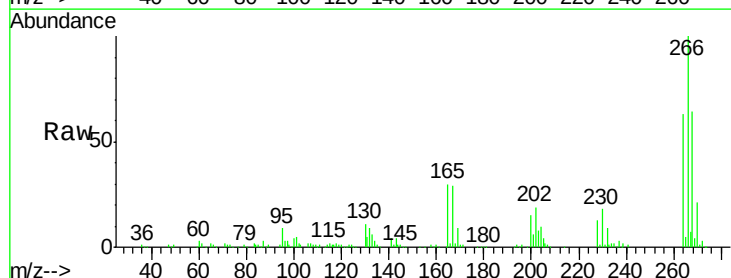
Tgt Ion:266 Resp: 222011

Ion Ratio Lower Upper

266 100

268 64.0 52.8 79.2

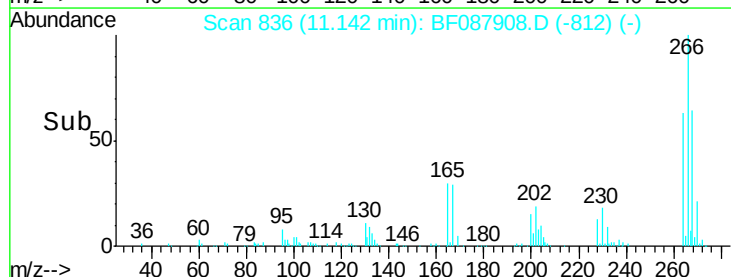
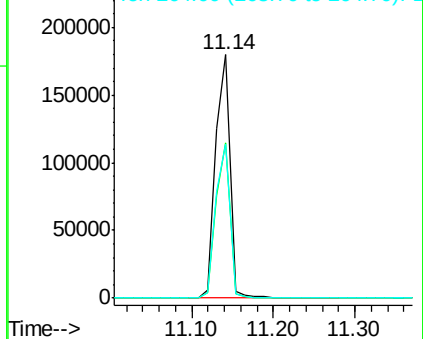
264 63.1 49.6 74.4

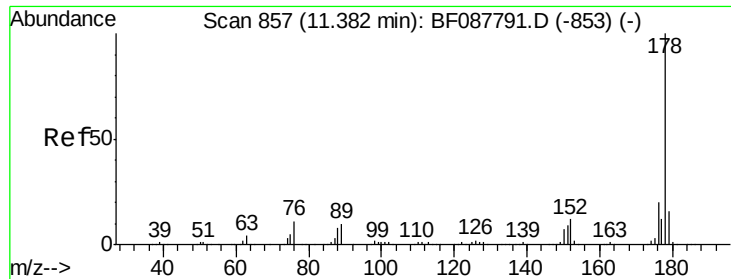


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

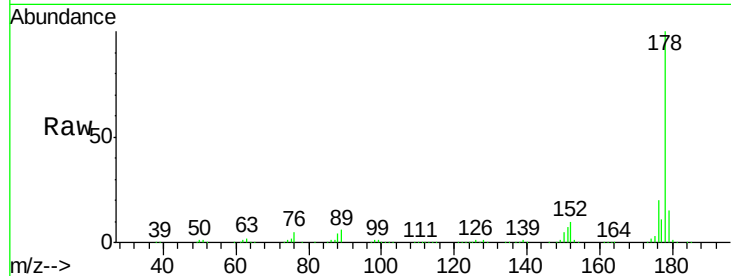




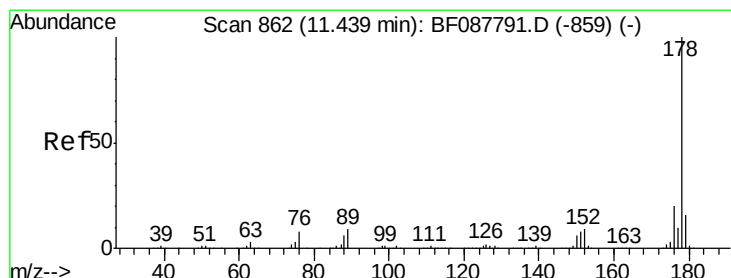
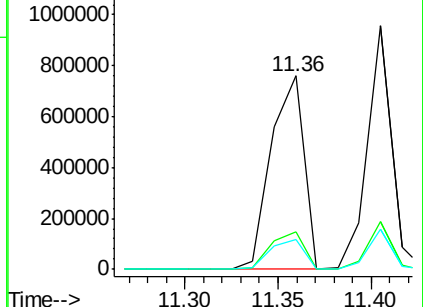
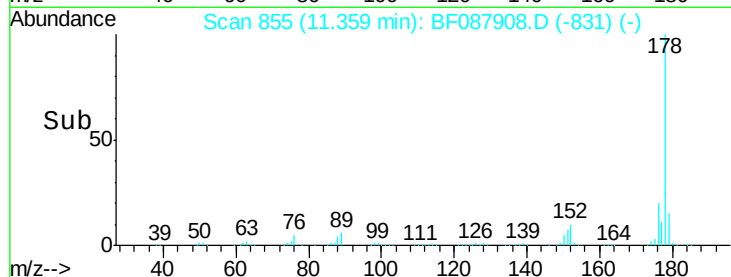
#70
Phenanthrene
Concen: 44.40 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Instrument :
BNA_F
ClientSampleId :
PB91119BSD

Tot Ion:178 Resp: 938043
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.3 13.0 19.4

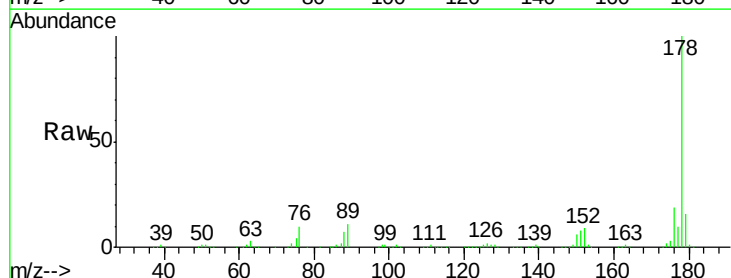


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

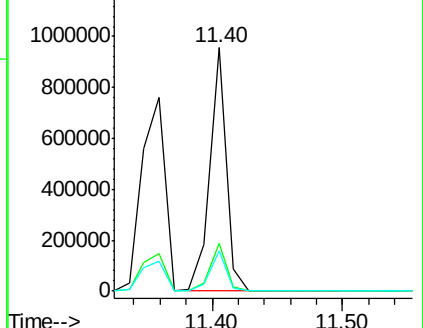
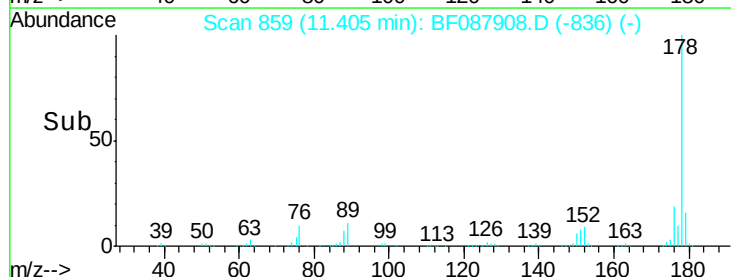


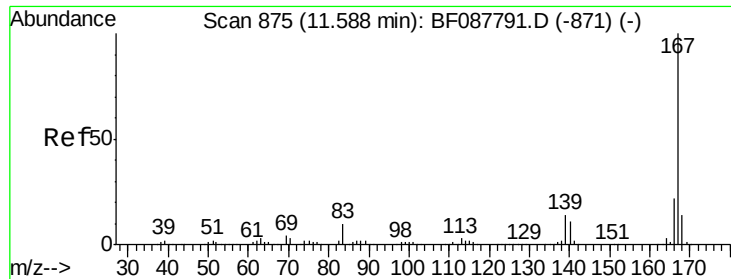
#71
Anthracene
Concen: 39.64 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:178 Resp: 844667
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.2 12.8 19.2



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





#72

Carbazole

Concen: 47.93 ng

RT: 11.56 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

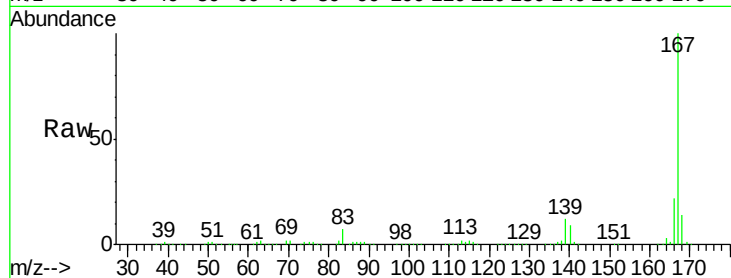
Tot Ion:167 Resp: 955842

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

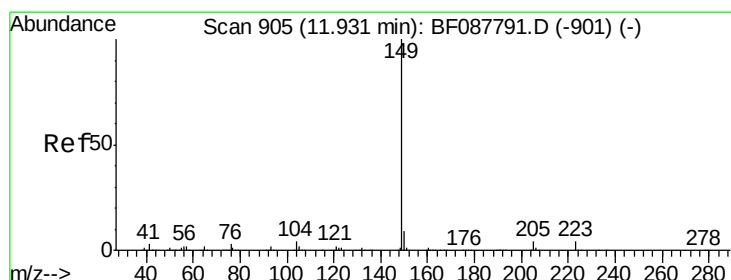
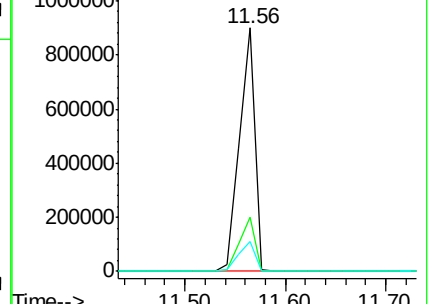
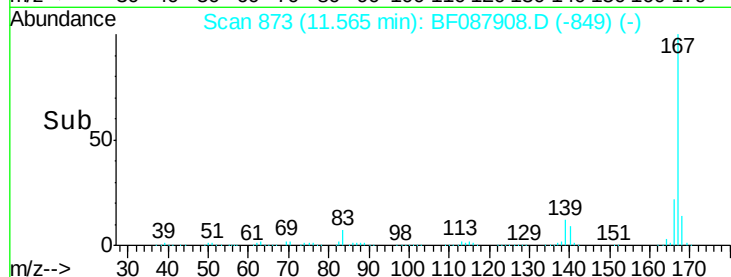
139 12.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.88 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

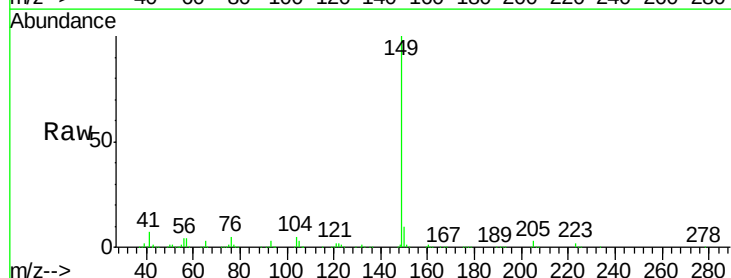
Tgt Ion:149 Resp: 931054

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

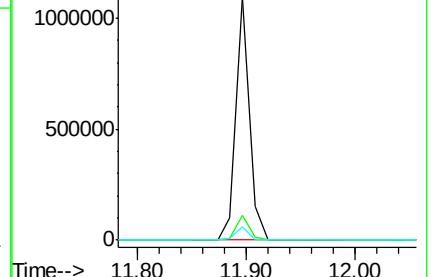
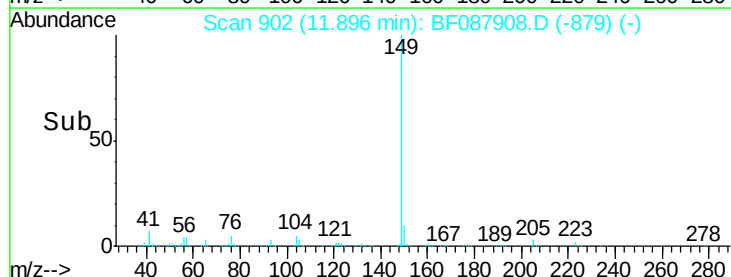
104 5.2 4.0 6.0

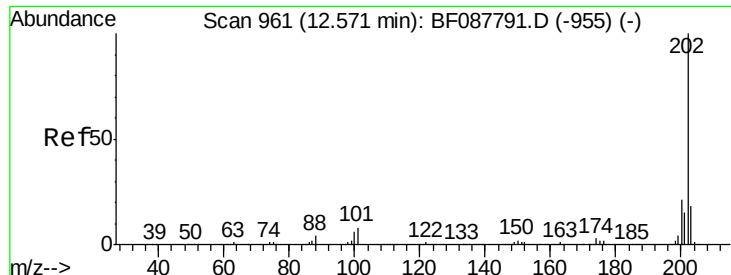


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

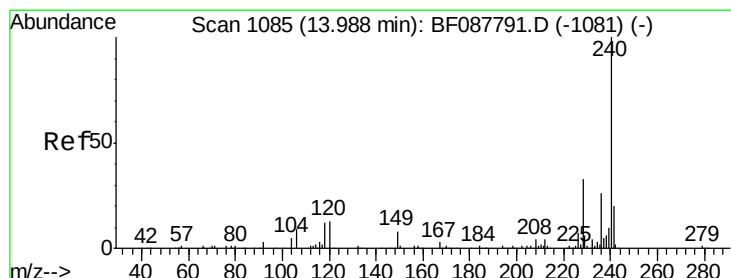
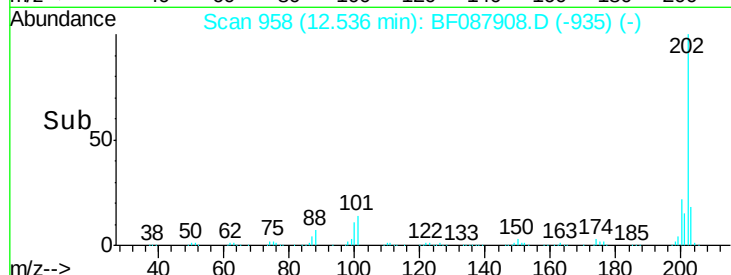
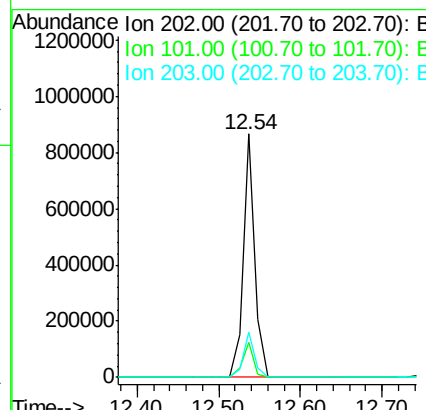
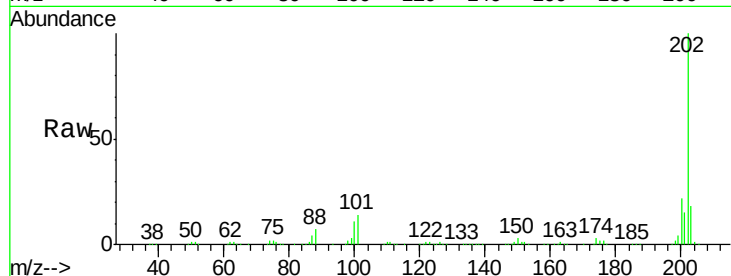




#74
 Fluoranthene
 Concen: 37.98 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

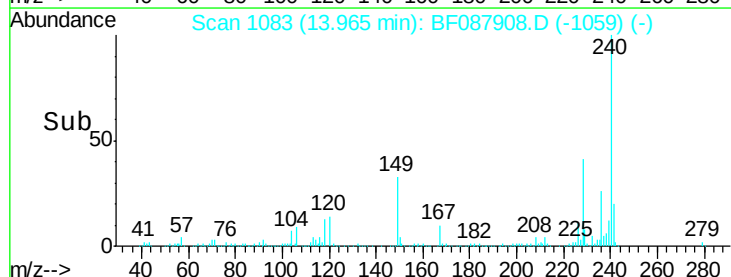
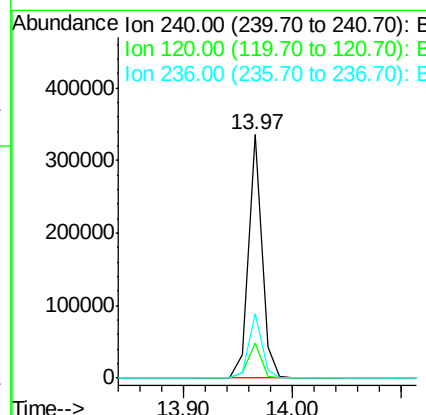
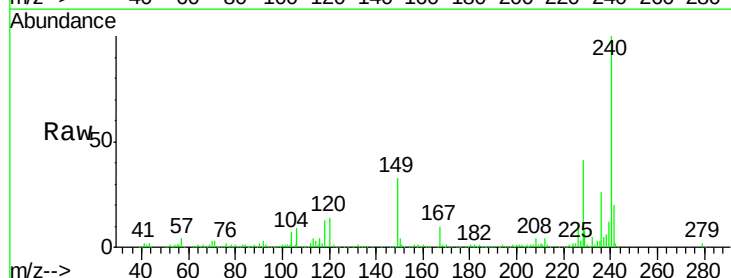
Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

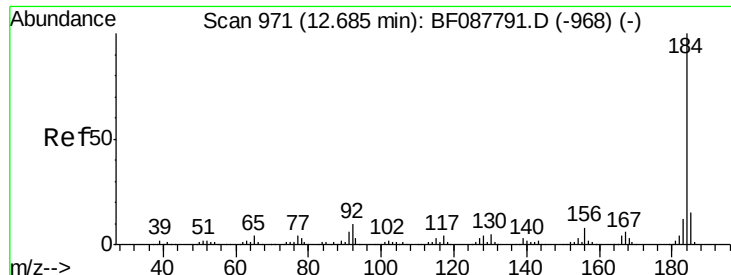
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.1
203	18.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	6.8	10.2#
236	26.2	20.2	30.2

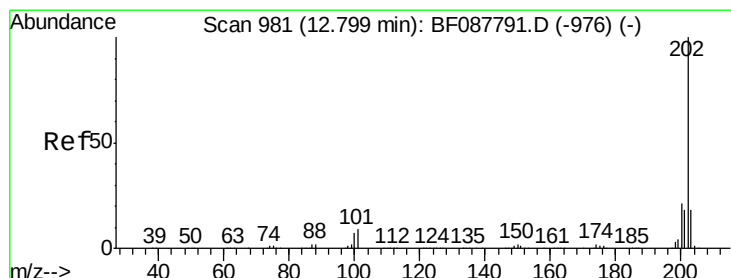
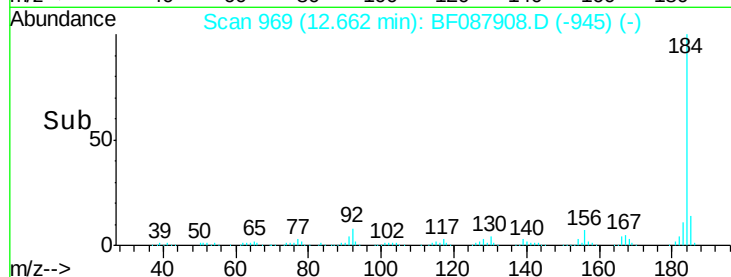
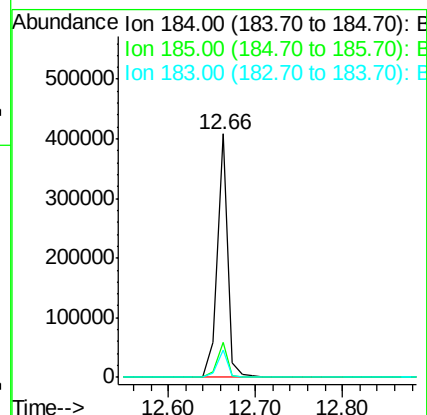
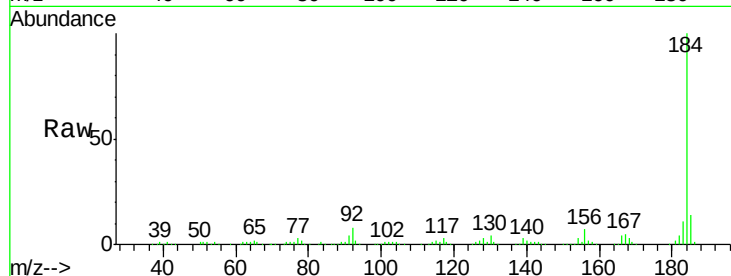




#76
Benzidine
Concen: 43.97 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

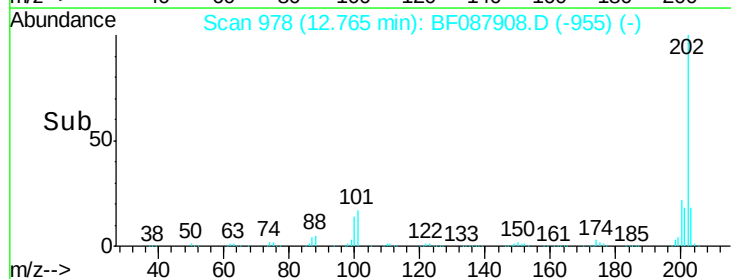
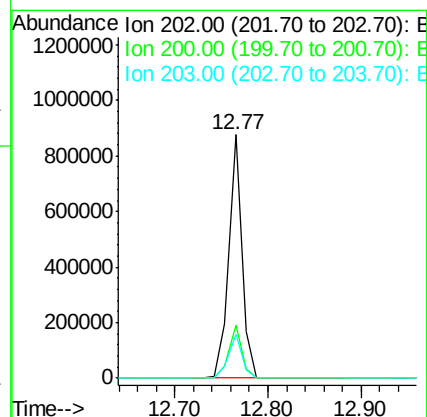
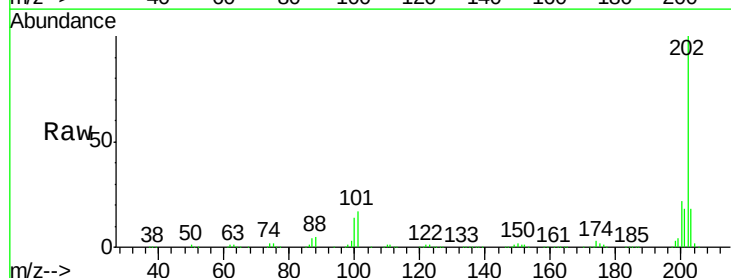
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

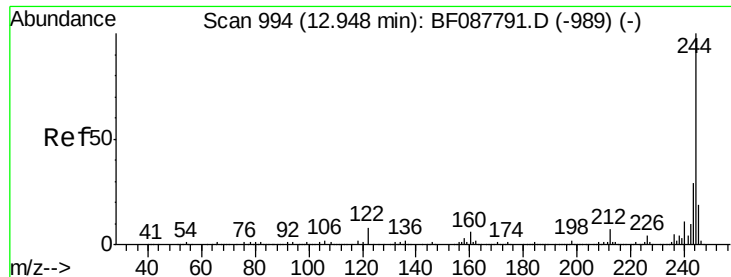
Tot Ion:184 Resp: 346666
Ion Ratio Lower Upper
184 100
185 14.2 12.5 18.7
183 11.4 9.3 13.9



#77
Pyrene
Concen: 40.53 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:202 Resp: 856424
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.1 14.5 21.7

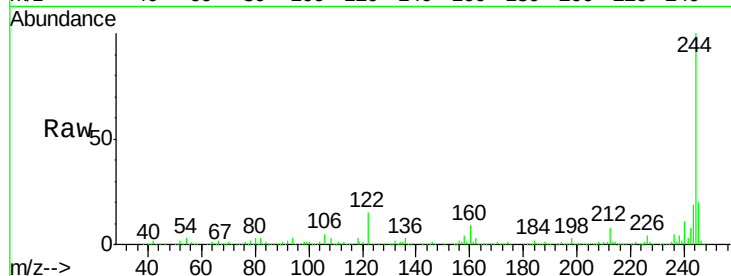




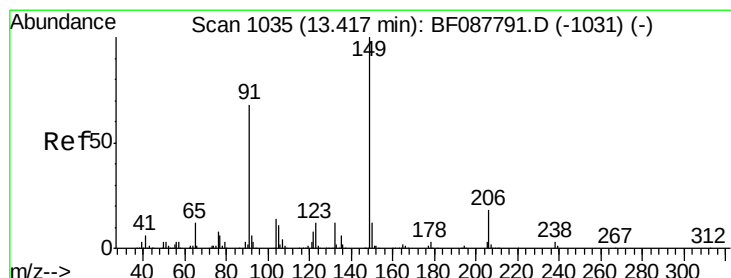
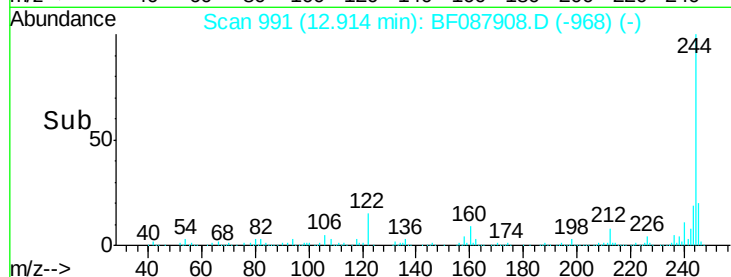
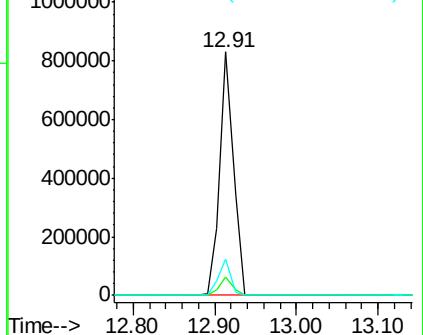
#78
 Terphenyl-d14
 Concen: 77.56 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BSD

Tot Ion:244 Resp: 970509
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 14.7 11.2 16.8

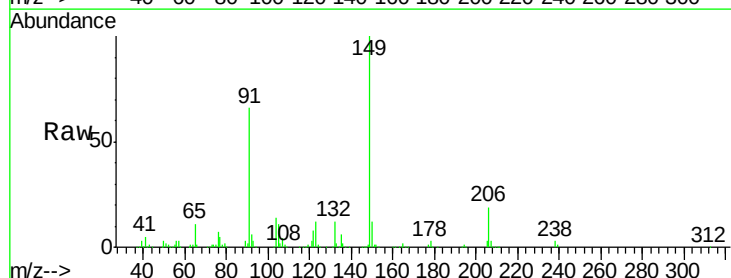


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

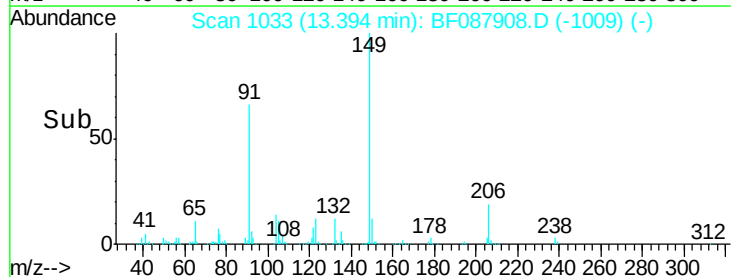
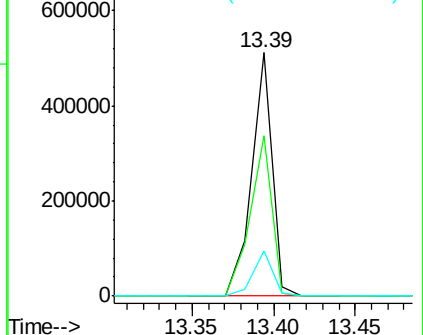


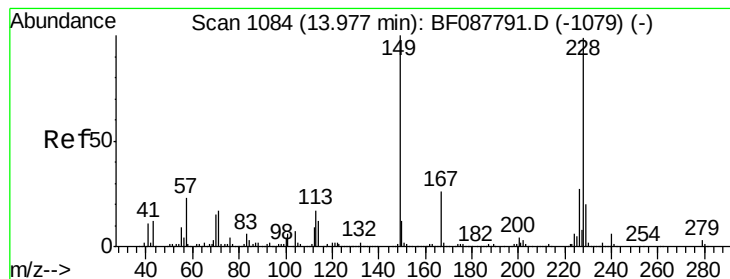
#79
 Butylbenzylphthalate
 Concen: 47.65 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF087908.D
 Acq: 11 Jun 2016 18:06

Tgt Ion:149 Resp: 445170
 Ion Ratio Lower Upper
 149 100
 91 65.9 48.0 72.0
 206 18.6 16.0 24.0



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: 40.31 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

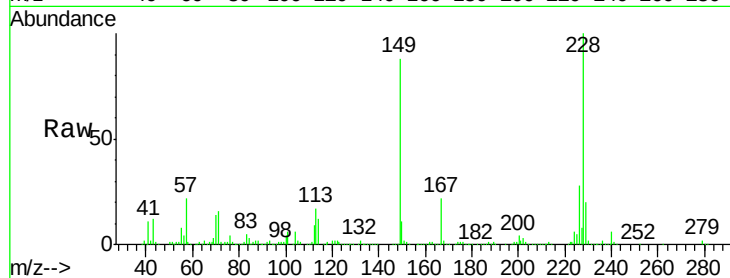
Tot Ion:228 Resp: 654066

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

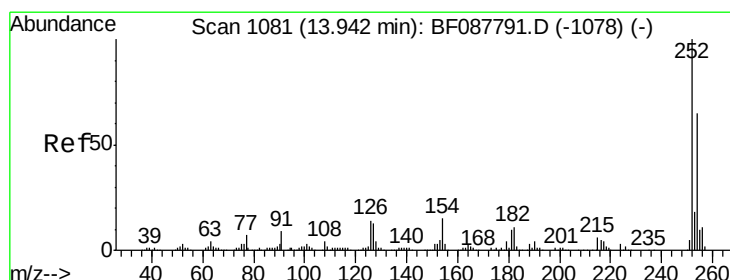
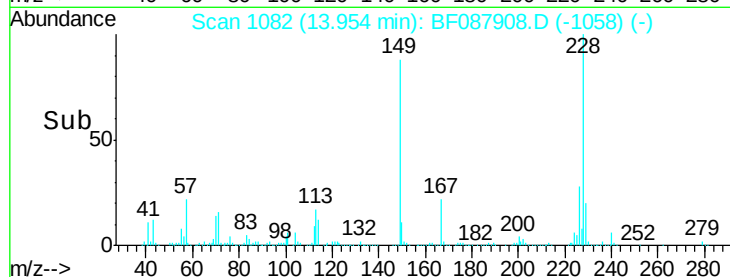
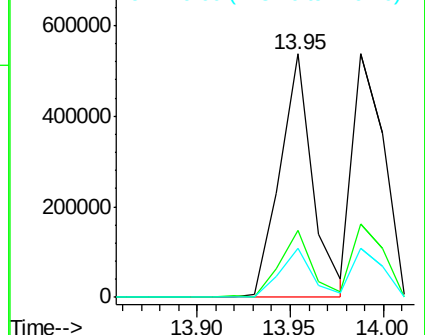
229 20.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 35.09 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

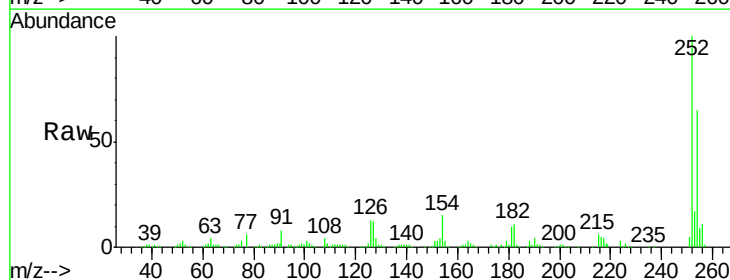
Tgt Ion:252 Resp: 153118

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

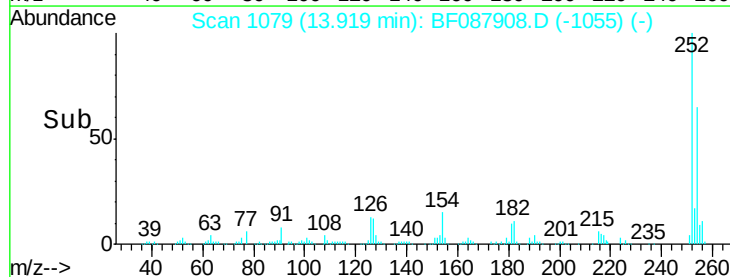
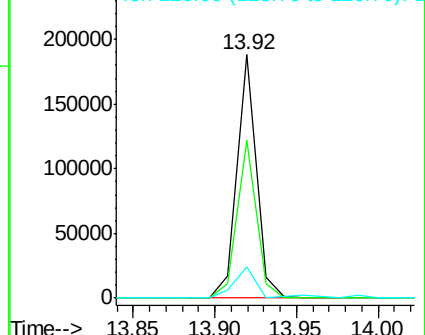
126 12.6 6.2 9.2#

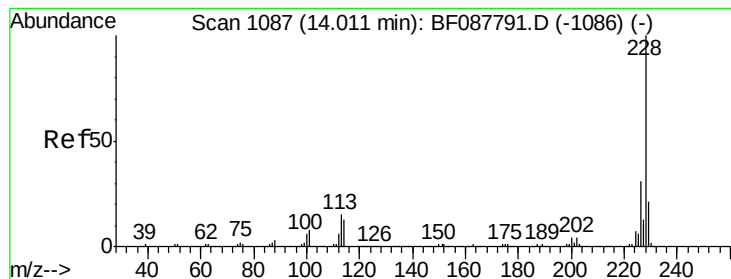


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.20 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

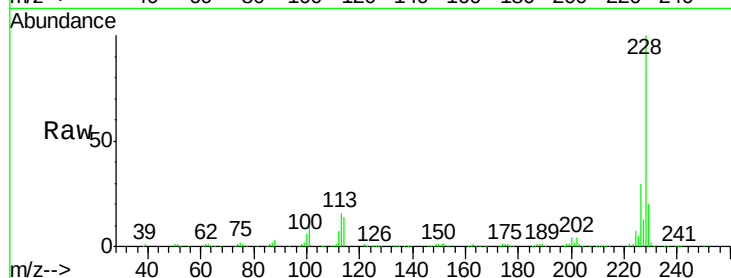
Tot Ion:228 Resp: 628938

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.2

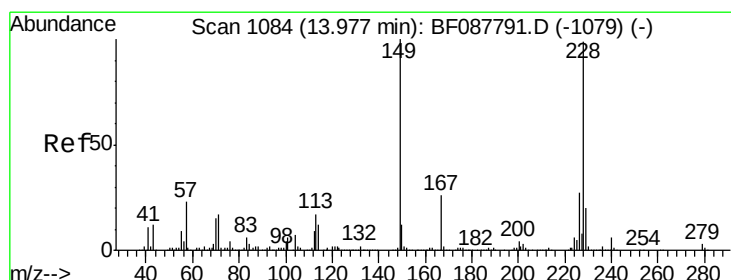
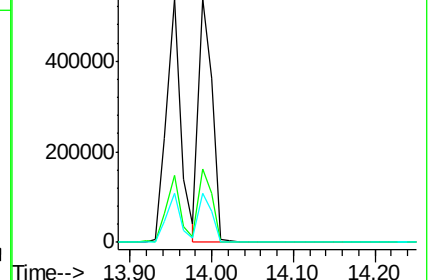
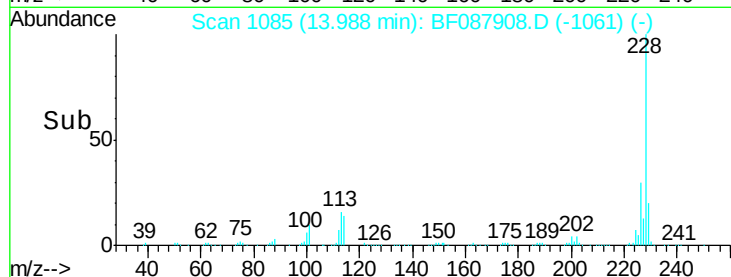
229 20.4 16.3 24.5



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: 38.65 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

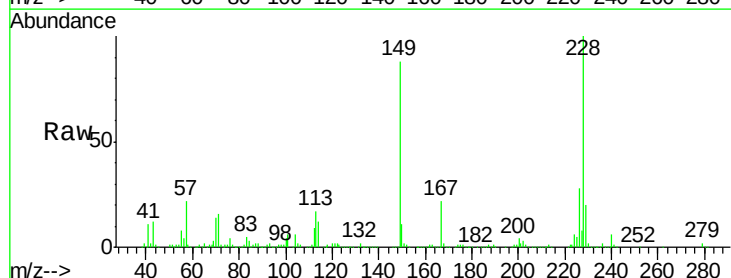
Tgt Ion:149 Resp: 439537

Ion Ratio Lower Upper

149 100

167 25.5 20.5 30.7

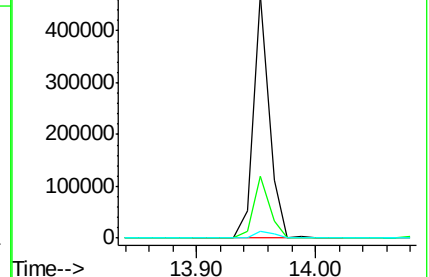
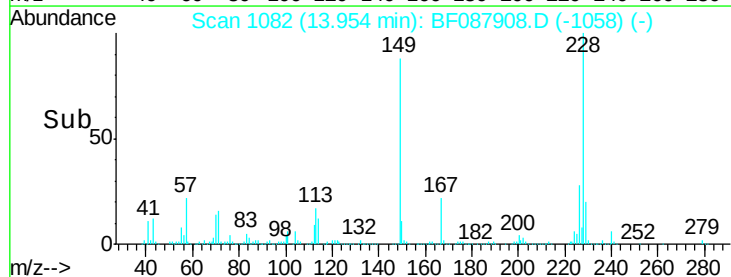
279 2.6 2.0 3.0

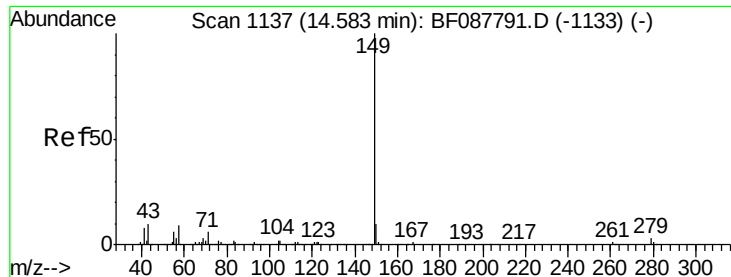


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

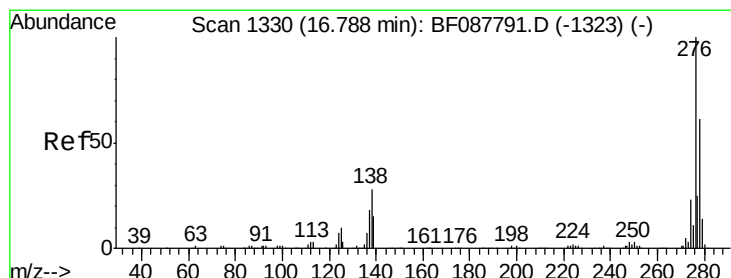
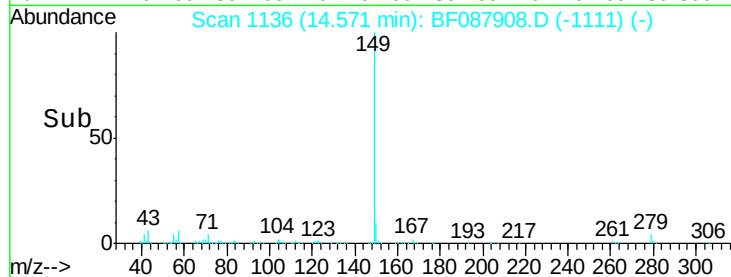
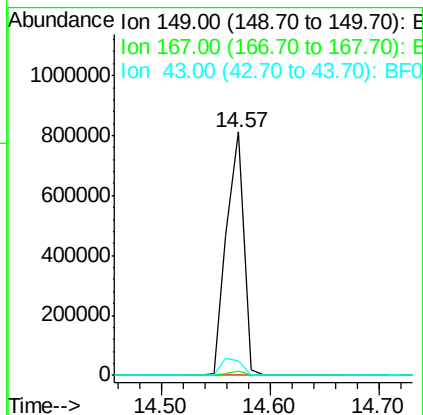
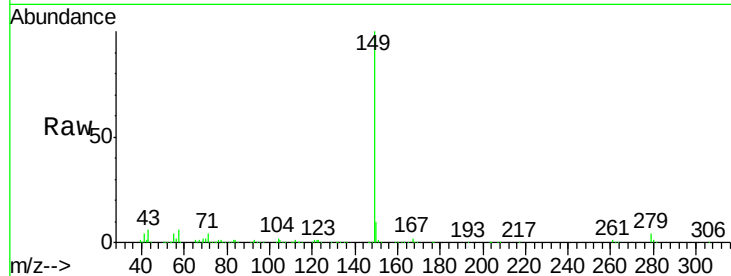




#84
Di-n-octyl phthalate
Concen: 48.63 ng
RT: 14.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

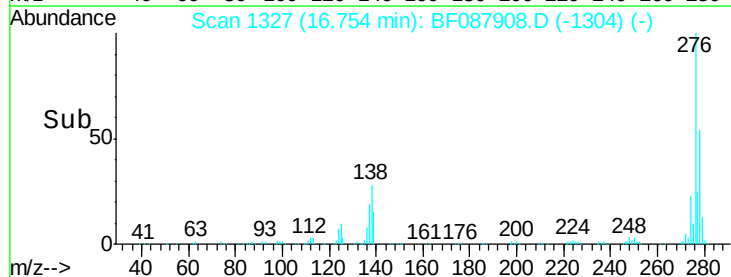
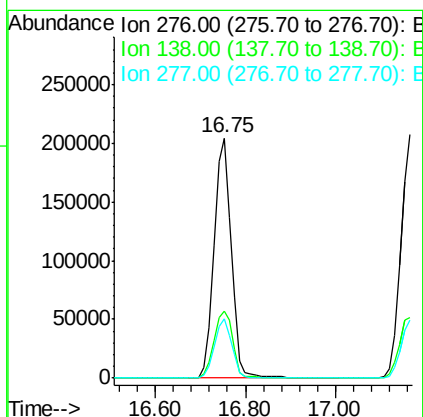
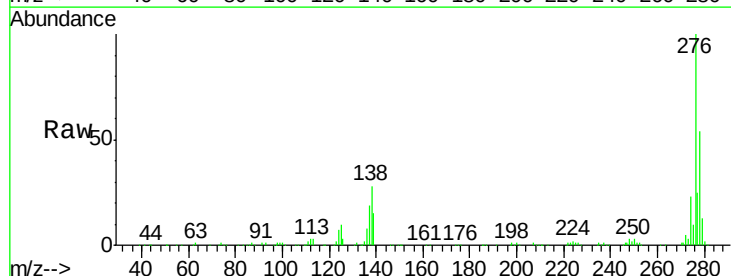
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

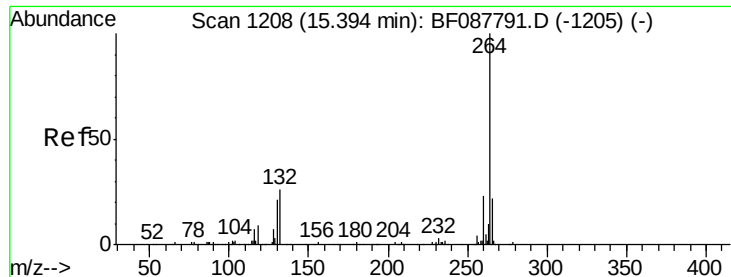
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.2	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.56 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	0.0#
277	24.9	0.0	0.0#

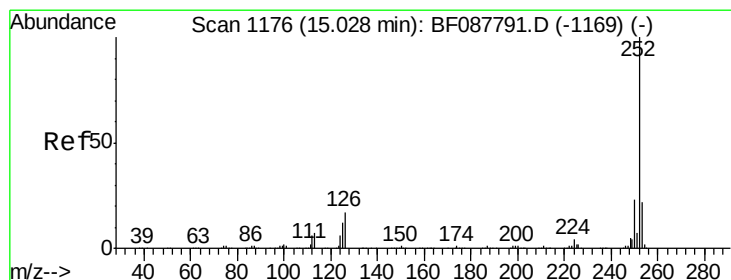
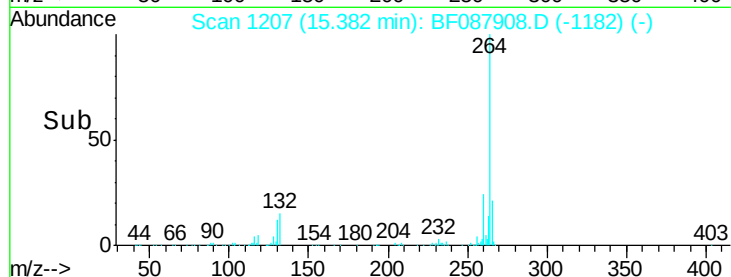
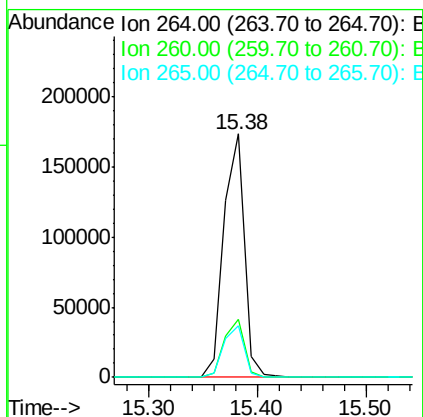
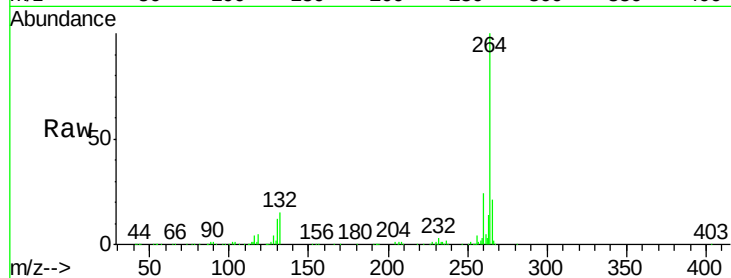




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

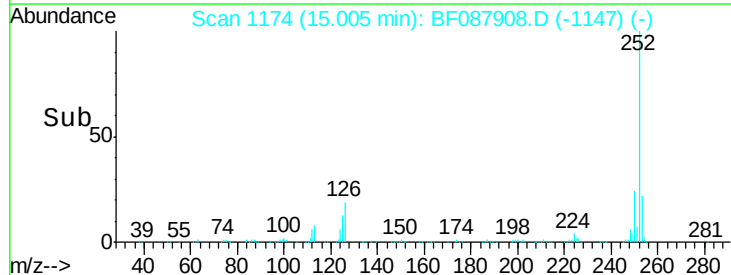
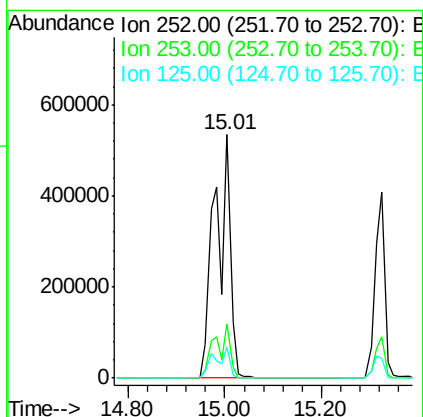
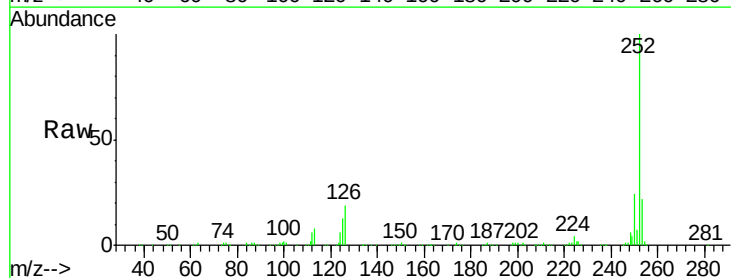
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

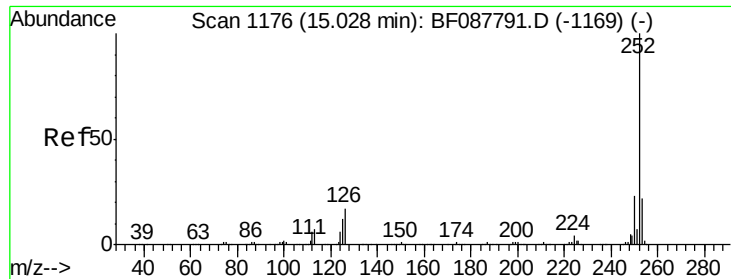
Tot Ion:264 Resp: 228364
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.1 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 74.72 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:252 Resp: 1189359
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 13.0 7.1 10.7#

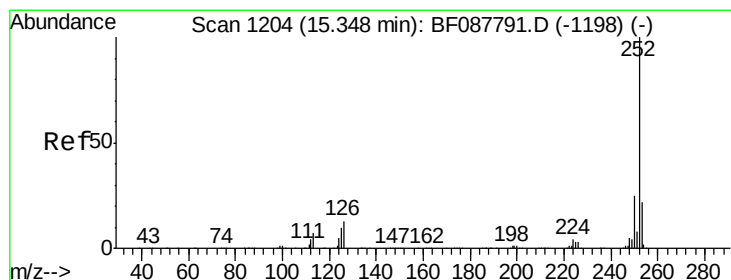
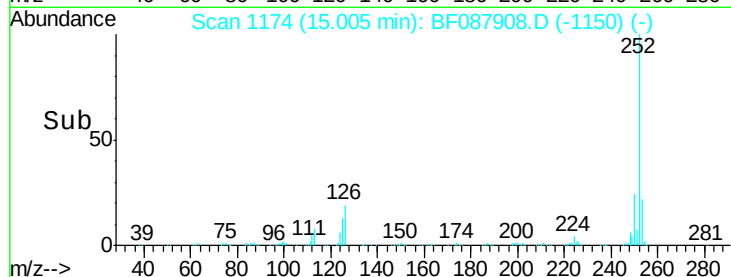
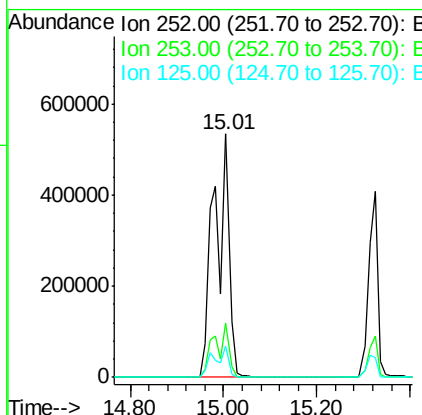
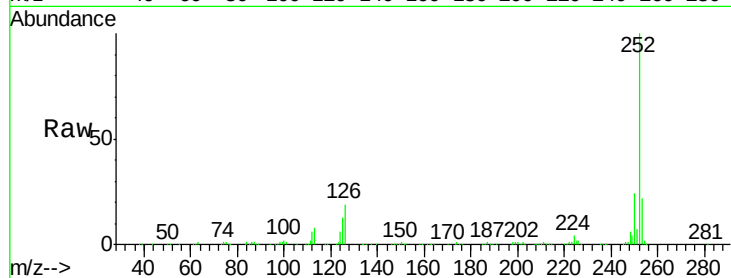




#88
Benzo(k)fluoranthene
Concen: 99.06 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

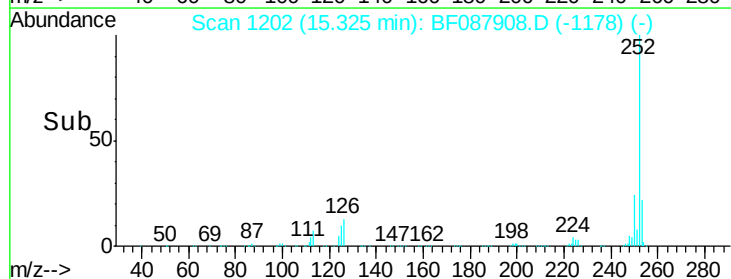
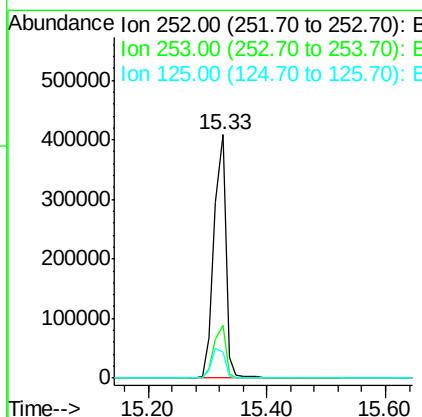
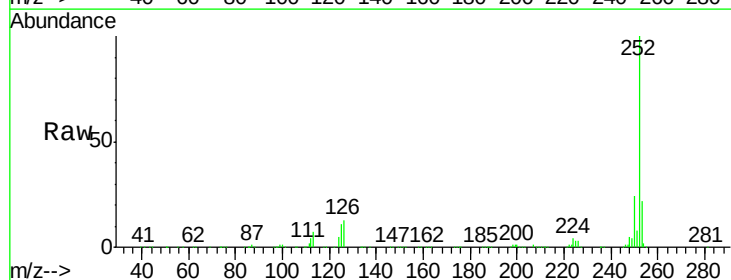
Instrument :
BNA_F
ClientSampleId :
PB91119BSD

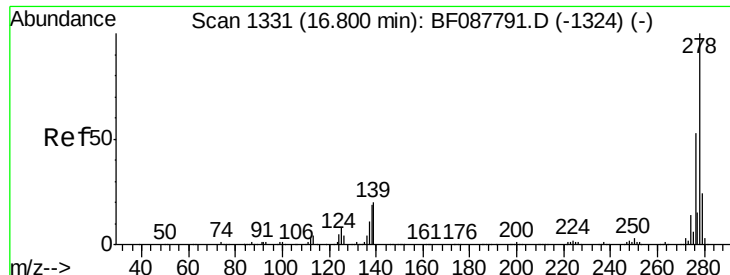
Tot Ion:252 Resp: 1189373
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 13.0 11.2 16.8



#89
Benzo(a)pyrene
Concen: 44.26 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF087908.D
Acq: 11 Jun 2016 18:06

Tgt Ion:252 Resp: 569908
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.5 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 37.93 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

Instrument :

BNA_F

ClientSampleId :

PB91119BSD

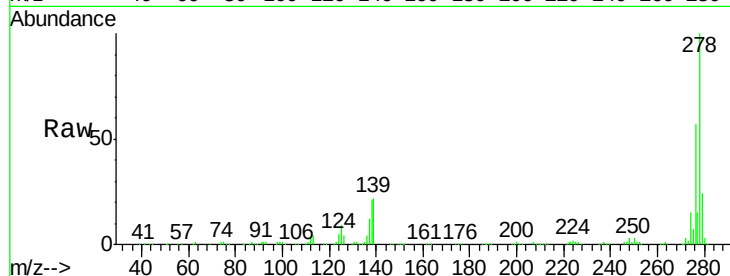
Tot Ion:278 Resp: 453627

Ion Ratio Lower Upper

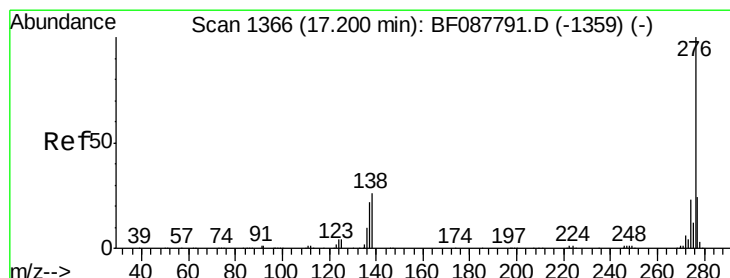
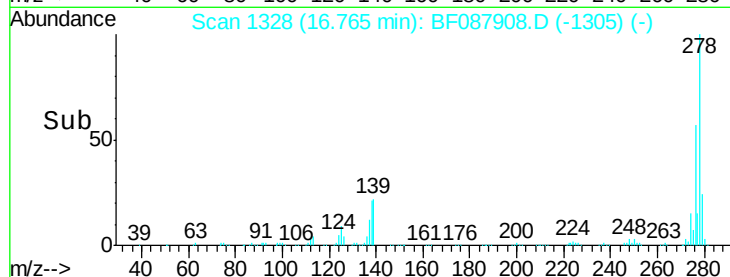
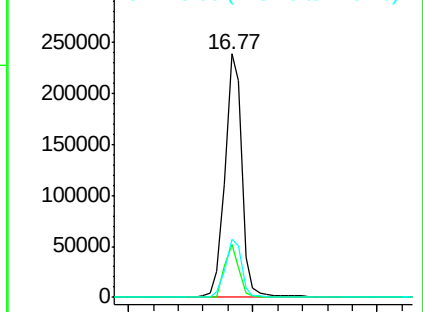
278 100

139 21.7 15.7 23.5

279 23.9 19.4 29.2



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: 36.37 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BF087908.D

Acq: 11 Jun 2016 18:06

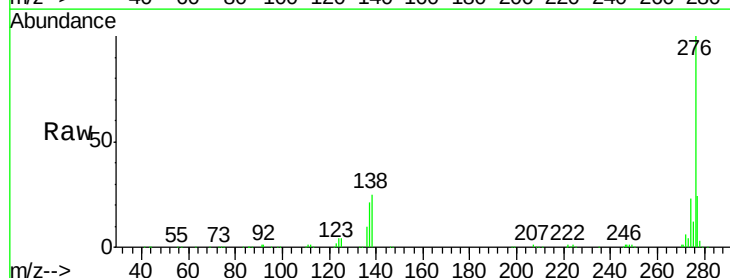
Tgt Ion:276 Resp: 447487

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 24.7 21.4 32.2



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

