

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089146.D
 Acq On : 20 Jul 2016 22:23
 Operator : UM/SJ
 Sample : PB92305BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Quant Time: Jul 21 01:39:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53650	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	230615	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	112652	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	214547	20.00	ng	0.00
75) Chrysene-d12	13.73	240	157444	20.00	ng	0.00
86) Perylene-d12	15.07	264	132833	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	406426	115.21	ng	0.01
7) Phenol-d6	6.27	99	541427	119.02	ng	0.00
23) Nitrobenzene-d5	7.18	82	340275	78.40	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	111217	109.66	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	660096	80.74	ng	0.00
78) Terphenyl-d14	12.68	244	540651	74.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	47167	30.79	ng	# 89
3) Pyridine	2.76	79	122636	31.52	ng	98
4) n-Nitrosodimethylamine	2.74	42	59893	36.57	ng	97
6) Aniline	6.27	93	131715	21.43	ng	# 53
8) 2-Chlorophenol	6.39	128	152128	38.86	ng	84
9) Benzaldehyde	6.15	77	37810	13.33	ng	99
10) Phenol	6.28	94	196801	37.55	ng	98
11) bis(2-Chloroethyl)ether	6.35	93	155681	39.55	ng	100
12) 1,3-Dichlorobenzene	6.54	146	157615	36.46	ng	96
13) 1,4-Dichlorobenzene	6.62	146	163084	37.46	ng	98
14) 1,2-Dichlorobenzene	6.78	146	144979	35.32	ng	97
15) Benzyl Alcohol	6.76	79	140612	42.21	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	162976	36.34	ng	90
17) 2-Methylphenol	6.89	107	124072	40.24	ng	98
18) Hexachloroethane	7.11	117	60741	37.12	ng	93
19) n-Nitroso-di-n-propylamine	7.03	70	110528	37.15	ng	90
20) 3+4-Methylphenols	7.04	107	168453	40.24	ng	88
22) Acetophenone	7.03	105	226766	36.82	ng	# 97
24) Nitrobenzene	7.19	77	160623	35.09	ng	89
25) Isophorone	7.44	82	307458	38.44	ng	97
26) 2-Nitrophenol	7.51	139	80213	37.57	ng	92
27) 2,4-Dimethylphenol	7.56	122	142691	39.67	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	194625	38.90	ng	99
29) 2,4-Dichlorophenol	7.76	162	129933	40.08	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	126650	35.29	ng	96
31) Naphthalene	7.91	128	471576	37.89	ng	100
32) Benzoic acid	7.72	122	82511	29.83	ng	88
33) 4-Chloroaniline	7.96	127	69516	13.28	ng	# 91
34) Hexachlorobutadiene	8.03	225	70276	35.19	ng	99
35) Caprolactam	8.34	113	21749	21.60	ng	95
36) 4-Chloro-3-methylphenol	8.47	107	148402	38.00	ng	99
37) 2-Methylnaphthalene	8.59	142	289508	36.47	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	122495	29.26	ng	98
40) Hexachlorocyclopentadiene	8.75	237	111922	79.86	ng	98

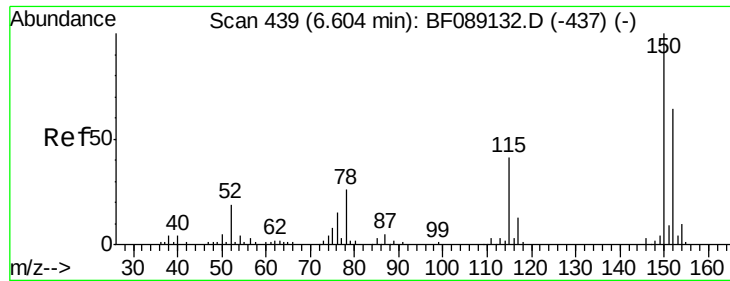
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	88286	37.67	ng	100
43) 2,4,5-Trichlorophenol	8.94	196	94984	40.38	ng	97
45) 1,1'-Biphenyl	9.06	154	350381	34.54	ng	99
46) 2-Chloronaphthalene	9.08	162	279440	36.25	ng	99
47) 2-Nitroaniline	9.19	65	88918	33.62	ng	98
48) Acenaphthylene	9.50	152	462547	38.16	ng	99
49) Dimethylphthalate	9.38	163	344111	39.81	ng	99
50) 2,6-Dinitrotoluene	9.44	165	78407	40.17	ng	89
51) Acenaphthene	9.67	154	273219	38.11	ng	99
52) 3-Nitroaniline	9.60	138	46556	20.09	ng	# 74
53) 2,4-Dinitrophenol	9.71	184	67910	69.48	ng	93
54) Dibenzofuran	9.84	168	398170	41.10	ng	99
55) 4-Nitrophenol	9.79	139	103110	73.53	ng	90
56) 2,4-Dinitrotoluene	9.84	165	100643	40.03	ng	99
57) Fluorene	10.18	166	341536	41.53	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	79877	47.28	ng	97
59) Diethylphthalate	10.07	149	334814	39.06	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	133544	35.57	ng	# 68
61) 4-Nitroaniline	10.22	138	79406	35.21	ng	96
62) Azobenzene	10.33	77	368340	39.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	51763	41.44	ng	99
65) n-Nitrosodiphenylamine	10.30	169	270663	37.75	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	89773	42.28	ng	90
67) Hexachlorobenzene	10.72	284	81156	35.54	ng	# 57
68) Atrazine	10.83	200	94014	41.93	ng	99
69) Pentachlorophenol	10.92	266	88809	84.30	ng	99
70) Phenanthrene	11.13	178	467355	39.71	ng	100
71) Anthracene	11.19	178	506324	41.39	ng	100
72) Carbazole	11.35	167	459315	42.75	ng	99
73) Di-n-butylphthalate	11.68	149	523406	39.38	ng	100
74) Fluoranthene	12.31	202	482748	39.02	ng	99
76) Benzidine	12.44	184	176715	32.65	ng	97
77) Pyrene	12.54	202	515819	39.67	ng	100
79) Butylbenzylphthalate	13.17	149	239628	43.57	ng	96
80) Benzo(a)anthracene	13.71	228	397645	39.66	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	78611	23.63	ng	# 97
82) Chrysene	13.75	228	365653	38.18	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	293724	40.26	ng	98
84) Di-n-octyl phthalate	14.33	149	461065	38.30	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	290522	41.76	ng	100
87) Benzo(b)fluoranthene	14.74	252	659710	68.57	ng	# 90
88) Benzo(k)fluoranthene	14.74	252	659710	95.89	ng	# 99
89) Benzo(a)pyrene	15.02	252	300290	40.21	ng	99
90) Dibenzo(a,h)anthracene	16.31	278	238590	40.46	ng	# 94
91) Benzo(g,h,i)perylene	16.66	276	238154	40.05	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

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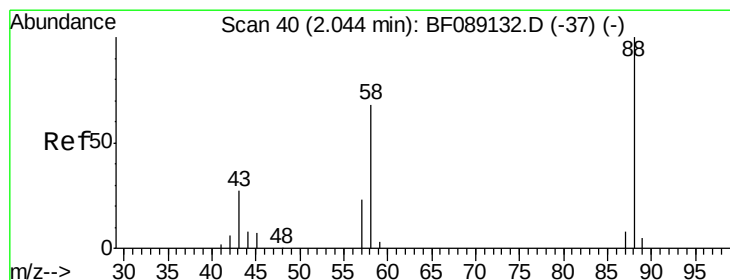
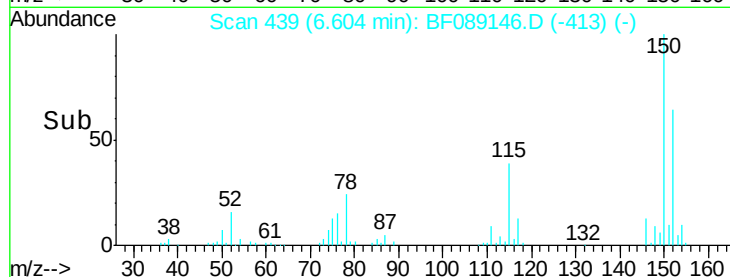
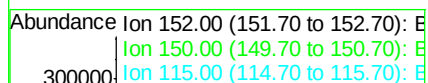
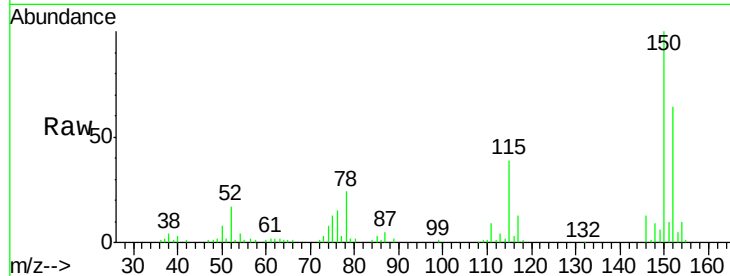
Tgt Ion:152 Resp: 53650

Ion Ratio Lower Upper

152 100

150 155.9 125.1 187.7

115 60.6 51.1 76.7



#2

1,4-Dioxane

Concen: 30.79 ng

RT: 2.15 min Scan# 49

Delta R.T. 0.10 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

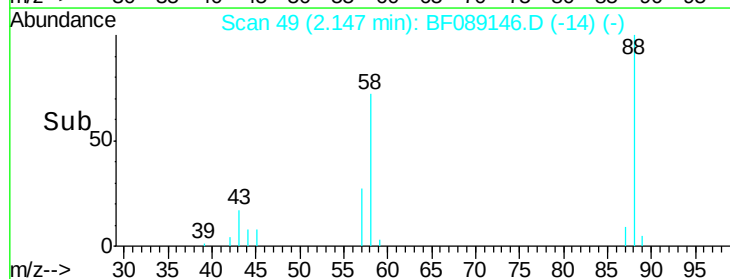
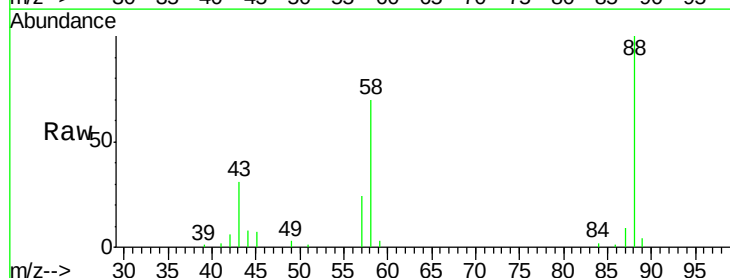
Tgt Ion: 88 Resp: 47167

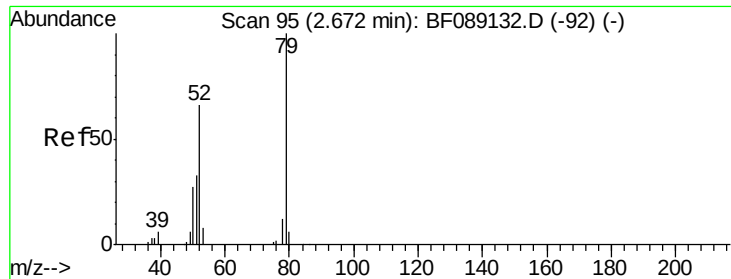
Ion Ratio Lower Upper

88 100

58 69.1 49.2 73.8

43 33.1 20.6 30.8#





#3

Pyridine

Concen: 31.52 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.09 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

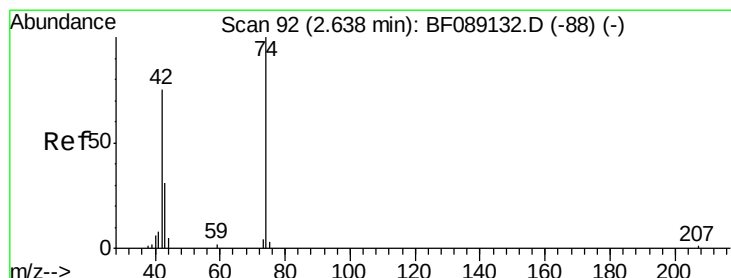
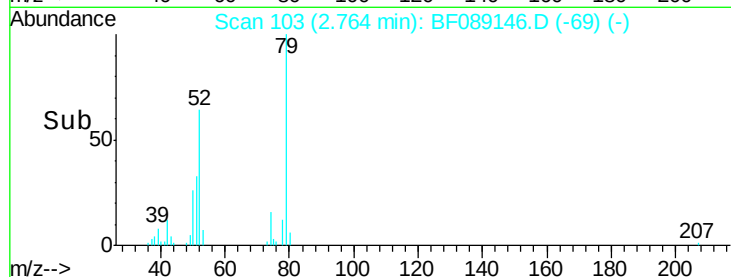
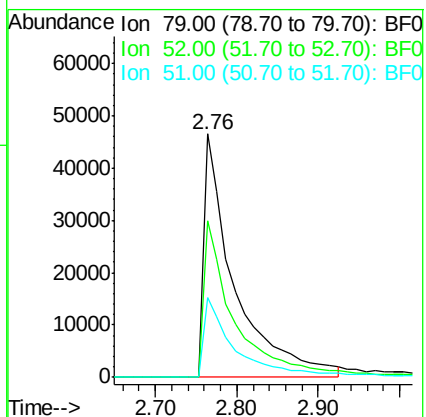
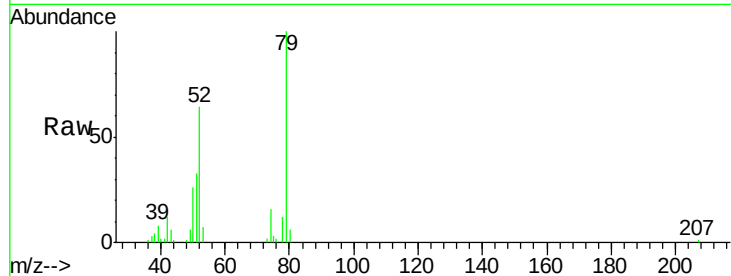
Tgt Ion: 79 Resp: 122636

Ion Ratio Lower Upper

79 100

52 64.1 52.9 79.3

51 32.8 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 36.57 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.10 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

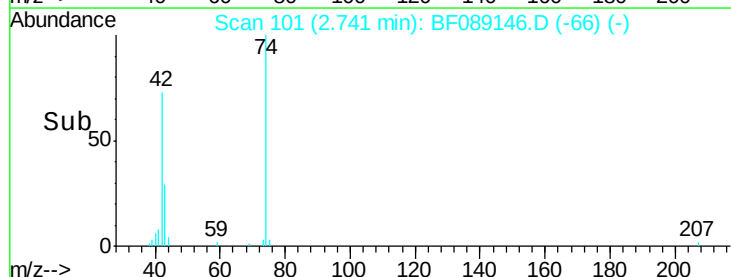
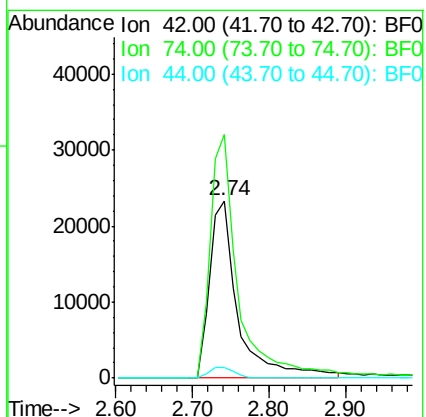
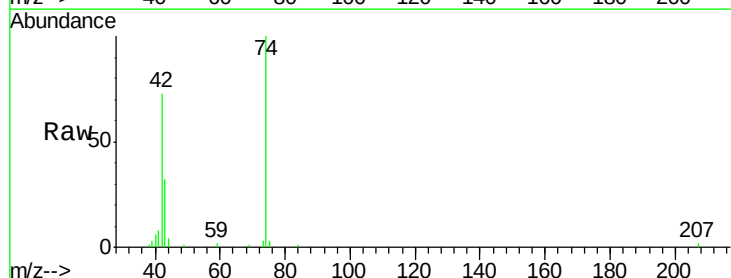
Tgt Ion: 42 Resp: 59893

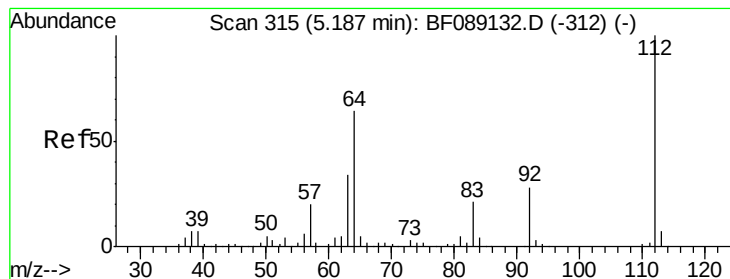
Ion Ratio Lower Upper

42 100

74 137.1 106.4 159.6

44 6.1 5.2 7.8





#5

2-Fluorophenol

Concen: 115.21 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

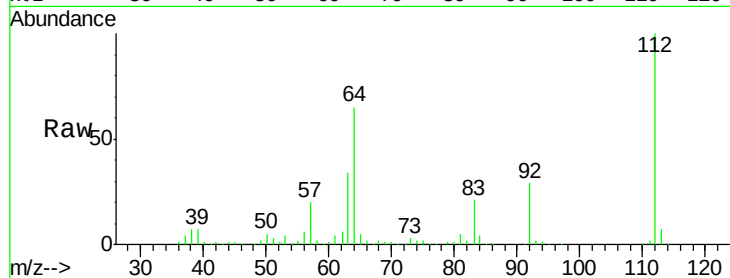
Tgt Ion: 112 Resp: 406426

Ion Ratio Lower Upper

112 100

64 64.6 51.0 76.4

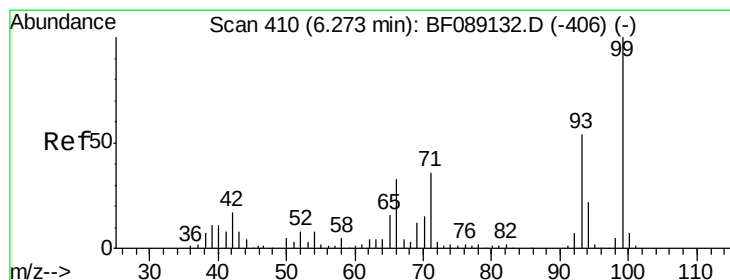
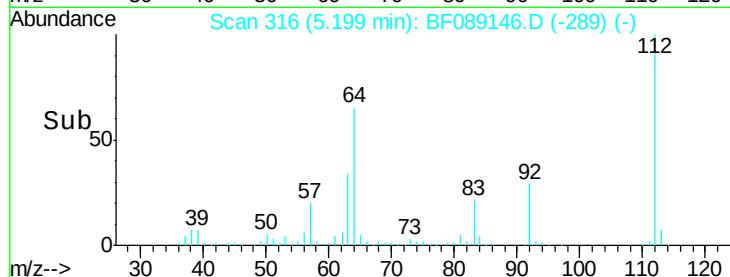
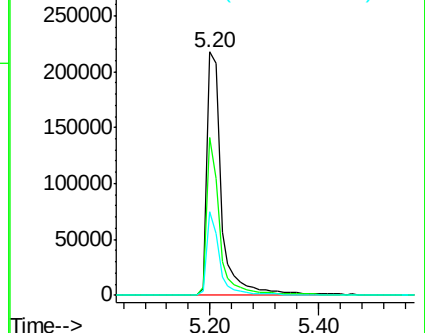
63 34.5 27.3 40.9



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: 21.43 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

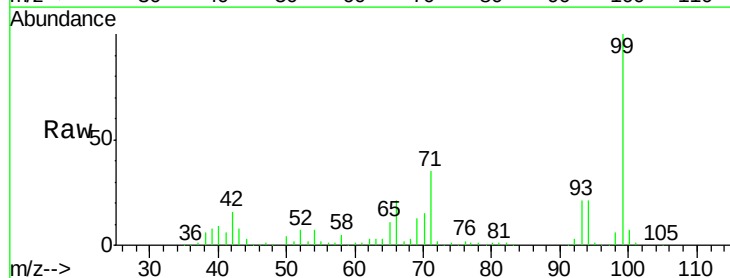
Tgt Ion: 93 Resp: 131715

Ion Ratio Lower Upper

93 100

66 99.9 48.9 73.3#

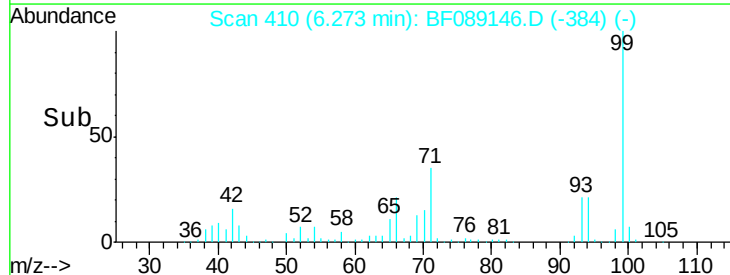
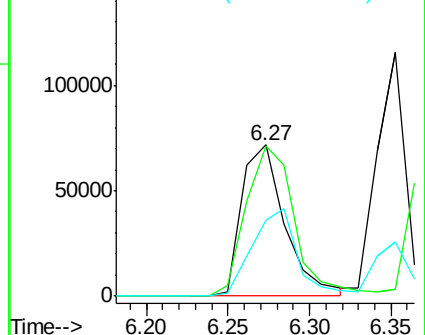
65 50.5 23.9 35.9#

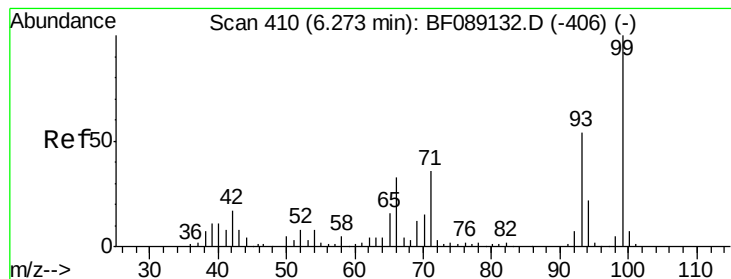


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.02 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

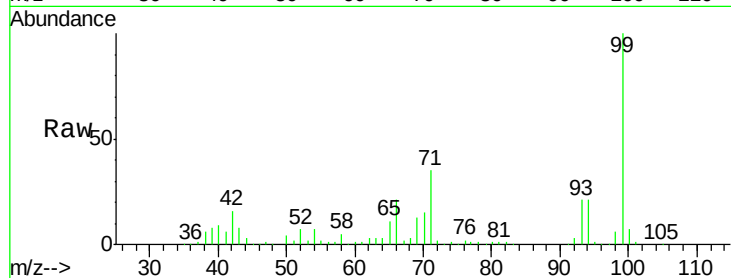
Tgt Ion: 99 Resp: 541427

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

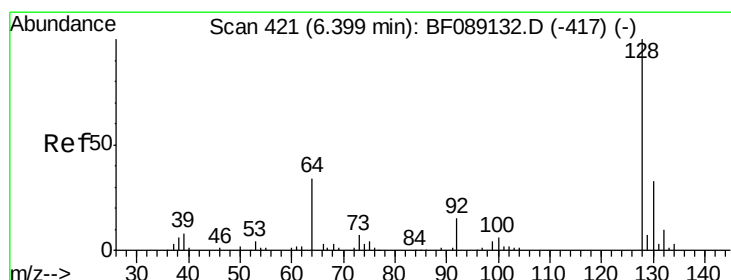
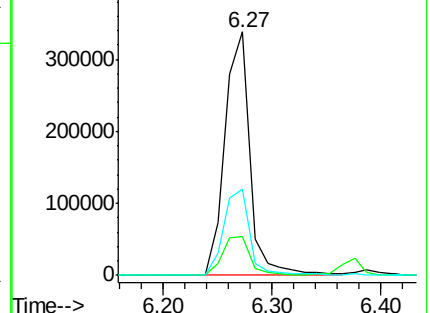
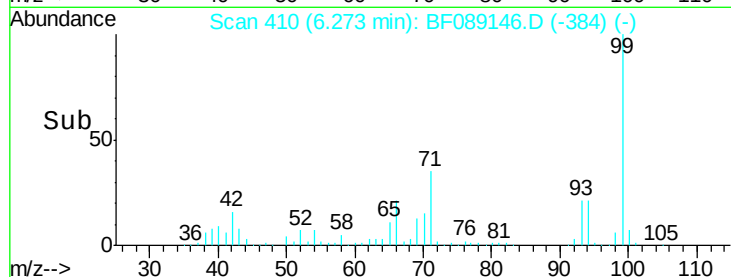
71 35.4 28.9 43.3



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: 38.86 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

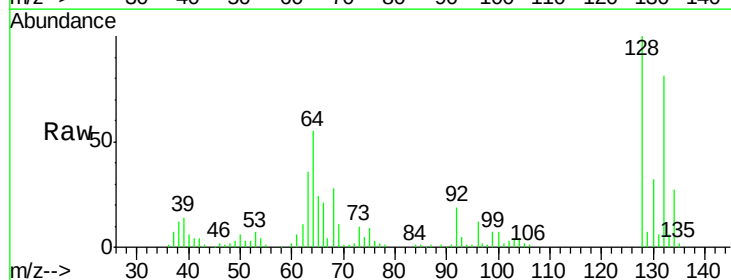
Tgt Ion: 128 Resp: 152128

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

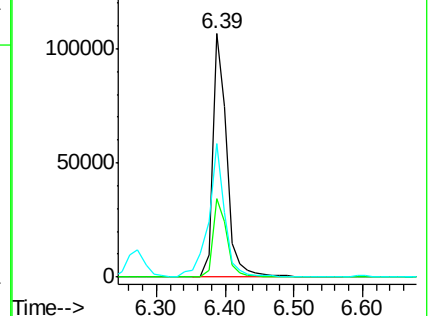
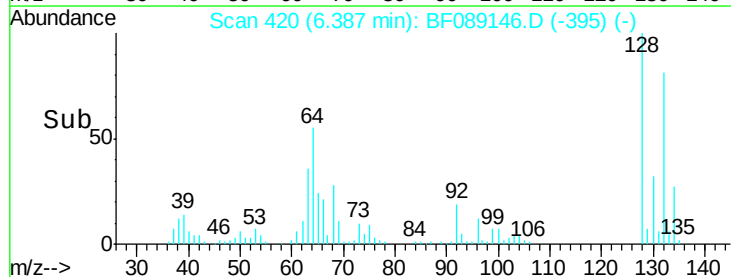
64 54.8 17.5 57.5

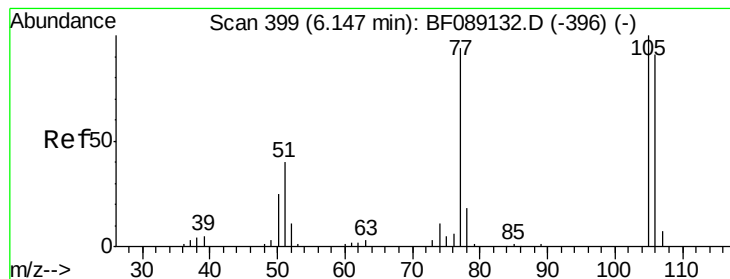


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.33 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

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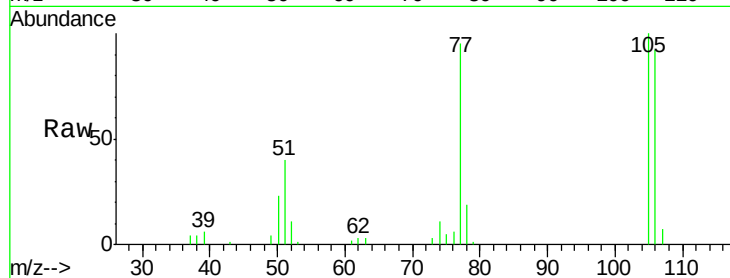
Tgt Ion: 77 Resp: 37810

Ion Ratio Lower Upper

77 100

105 105.6 86.2 126.2

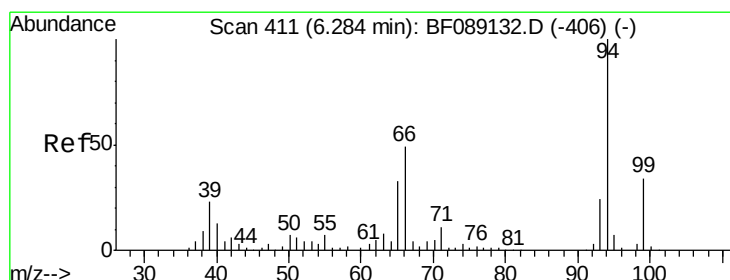
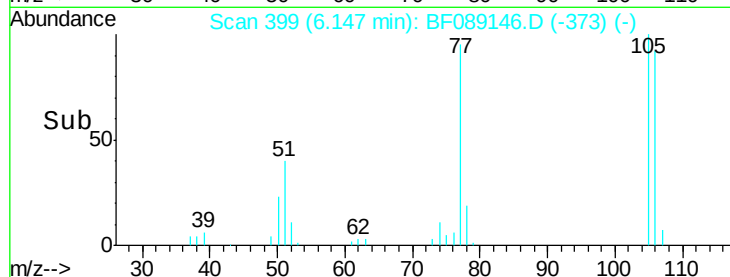
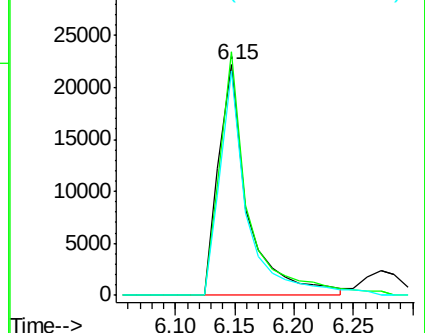
106 97.3 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.55 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

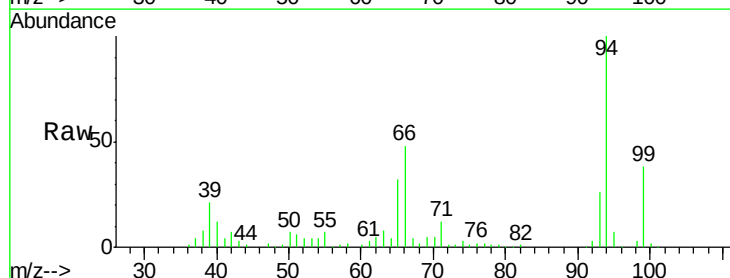
Tgt Ion: 94 Resp: 196801

Ion Ratio Lower Upper

94 100

65 31.8 13.3 53.3

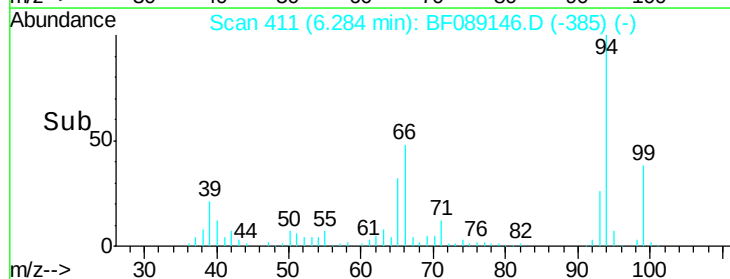
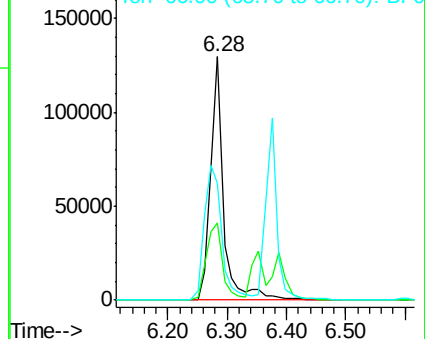
66 48.0 29.3 69.3

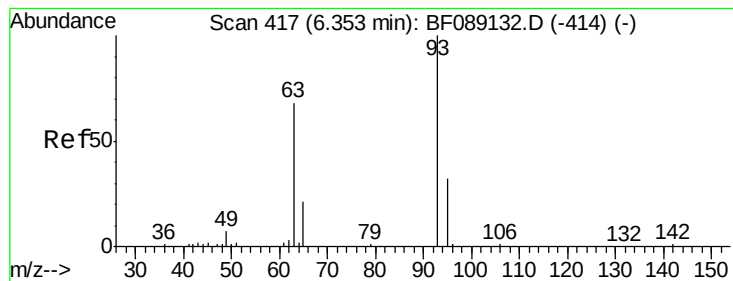


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.55 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

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PB92305BS

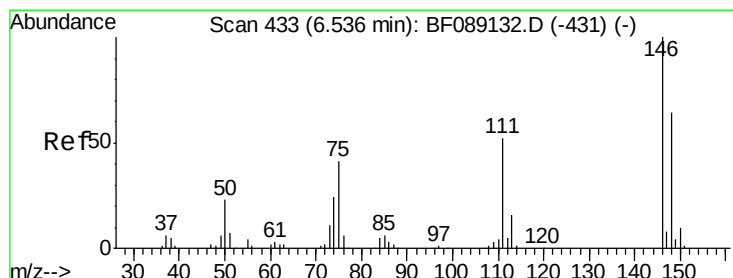
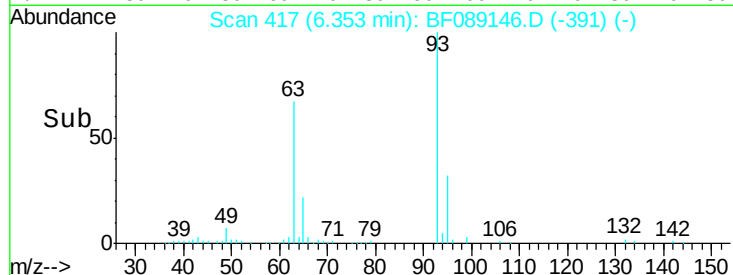
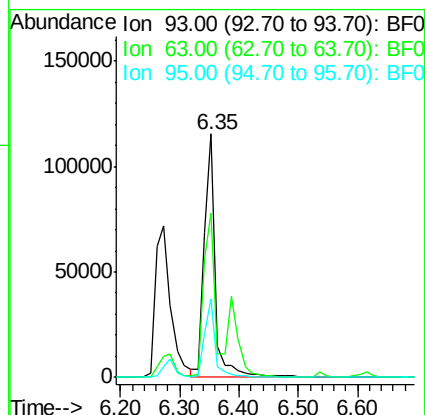
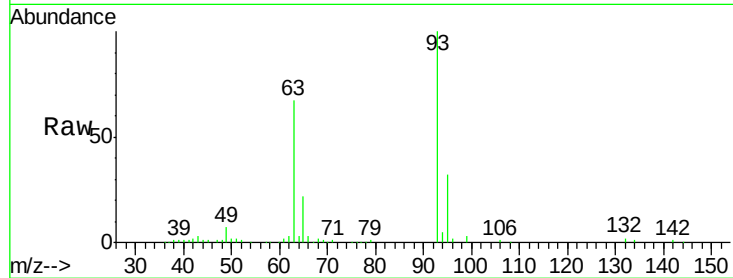
Tgt Ion: 93 Resp: 155681

Ion Ratio Lower Upper

93 100

63 67.3 47.3 87.3

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.46 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

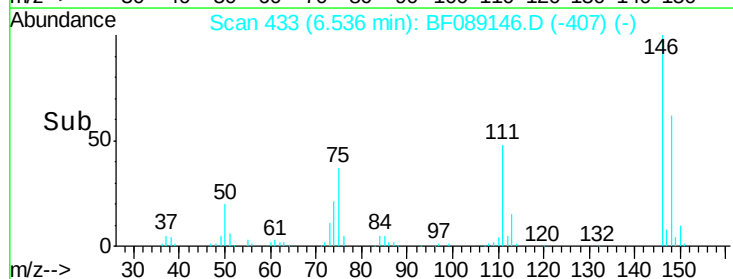
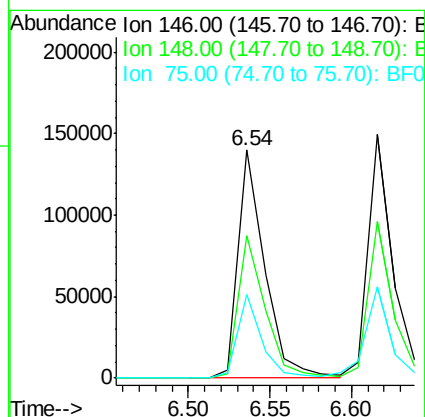
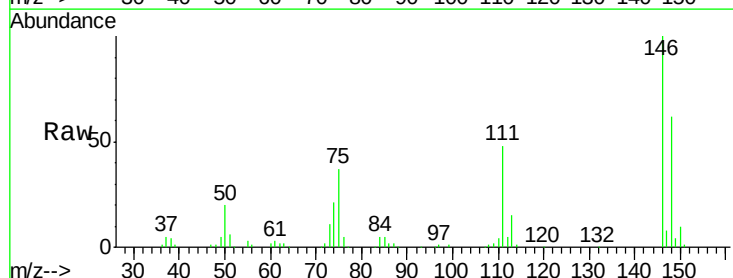
Tgt Ion: 146 Resp: 157615

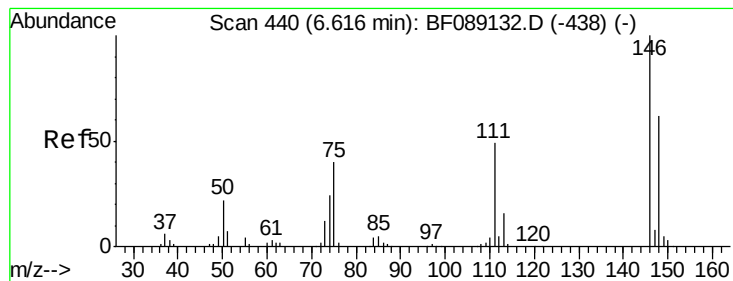
Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

75 36.6 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 37.46 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

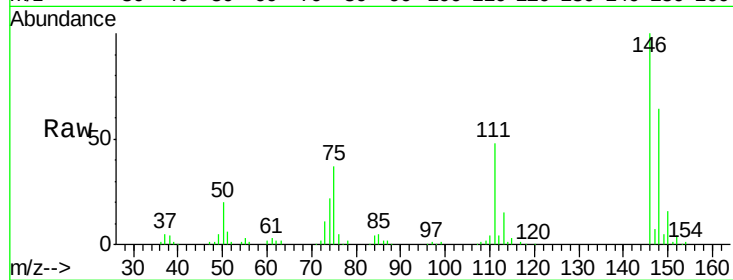
Tgt Ion:146 Resp: 163084

Ion Ratio Lower Upper

146 100

148 64.1 49.9 74.9

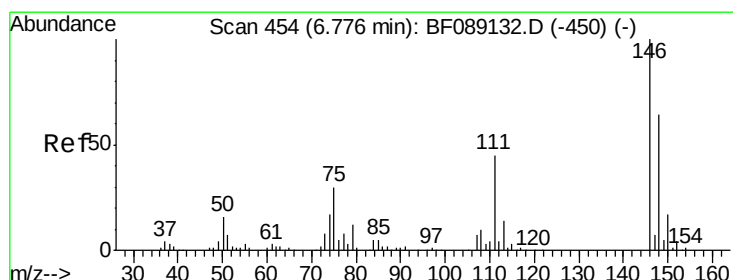
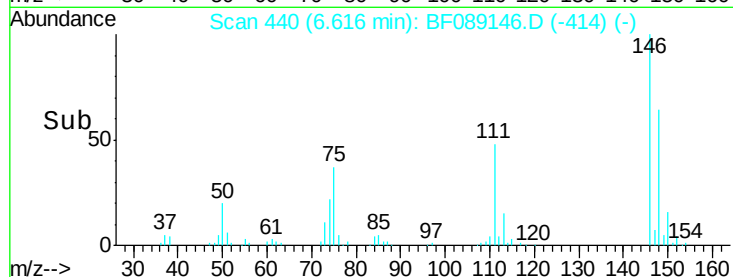
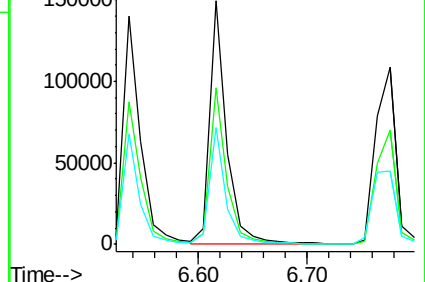
111 48.0 39.8 59.6



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: 35.32 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

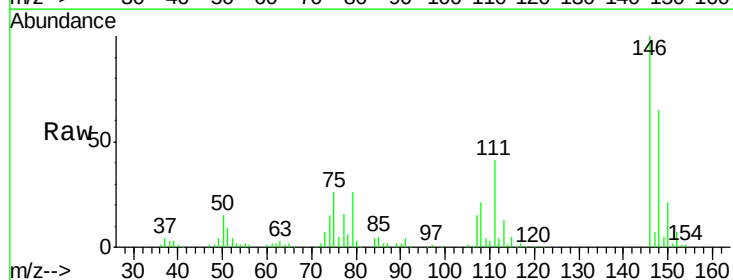
Tgt Ion:146 Resp: 144979

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

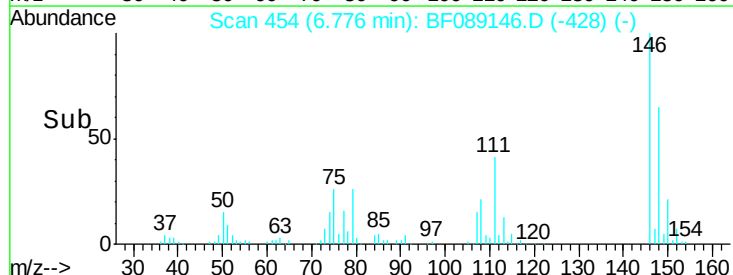
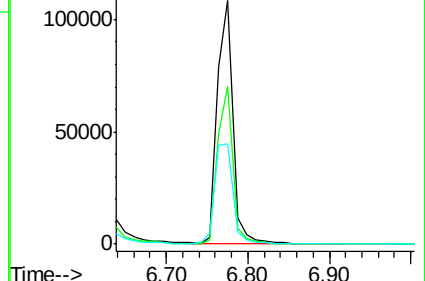
111 41.4 35.9 53.9

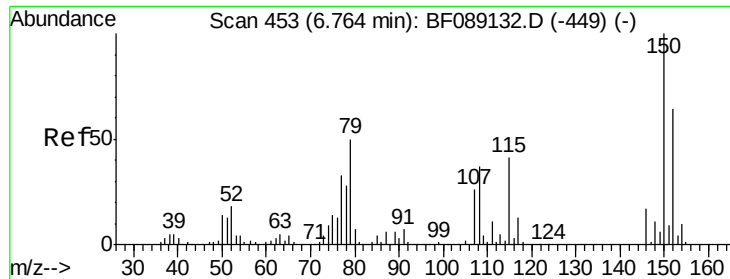


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

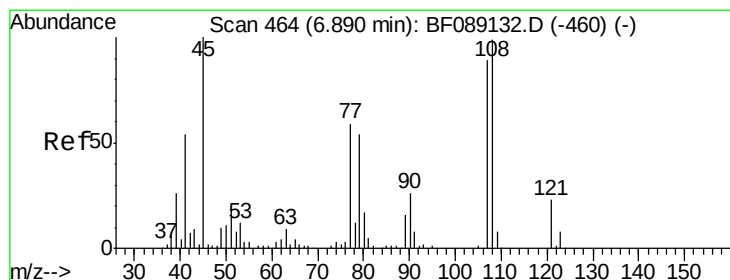
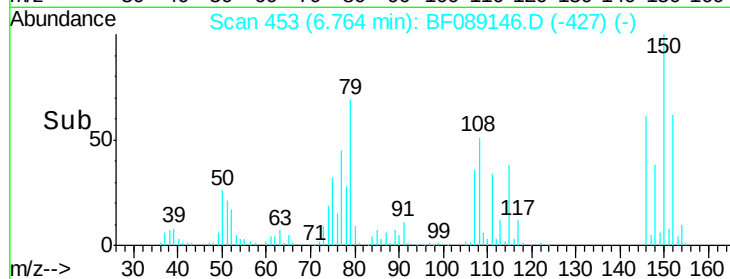
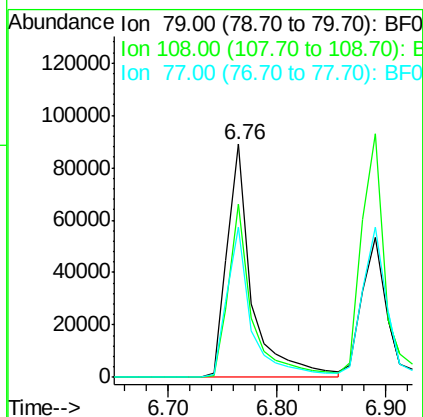
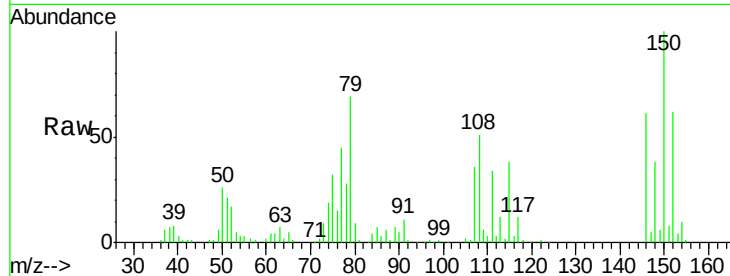




#15
Benzyl Alcohol
Concen: 42.21 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

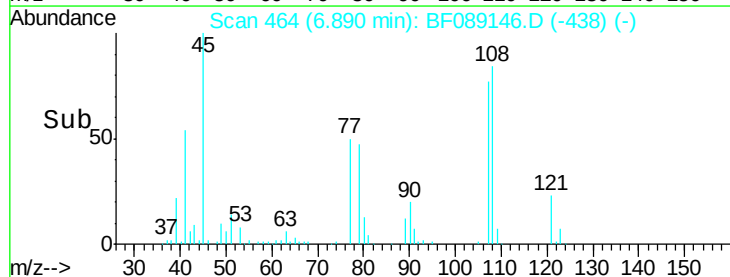
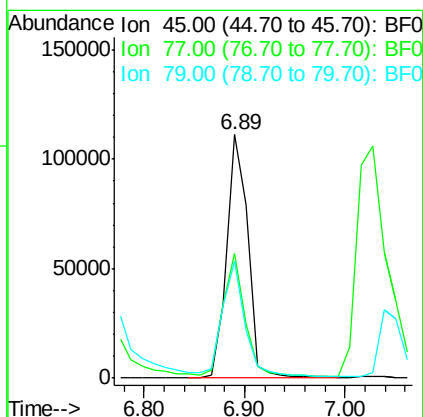
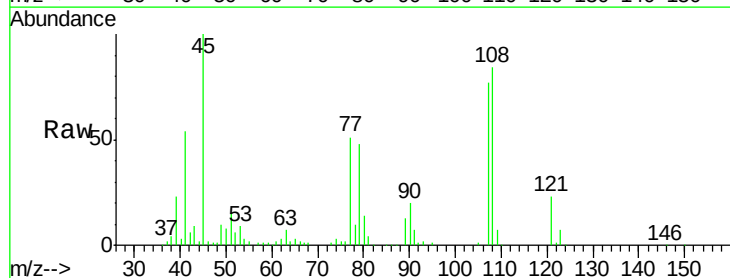
Instrument :
BNA_F
ClientSampleId :
PB92305BS

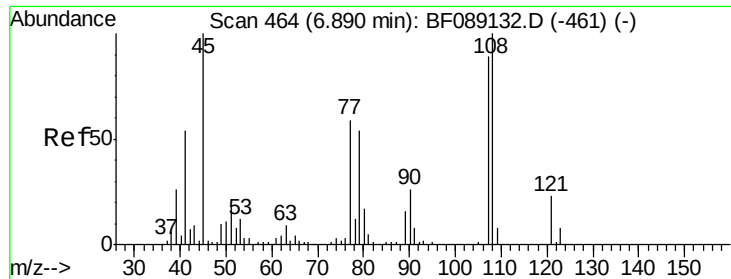
Tgt Ion: 79 Resp: 140612
Ion Ratio Lower Upper
79 100
108 74.1 58.2 87.4
77 64.6 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.34 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion: 45 Resp: 162976
Ion Ratio Lower Upper
45 100
77 51.3 39.7 79.7
79 47.8 34.7 74.7

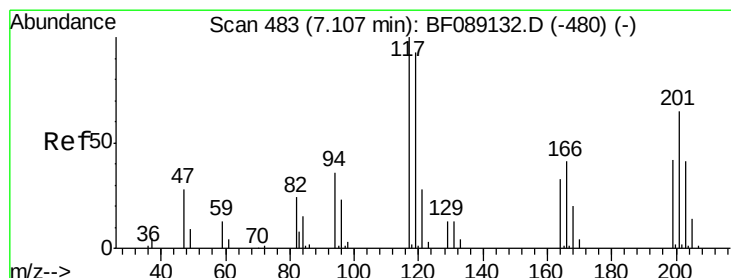
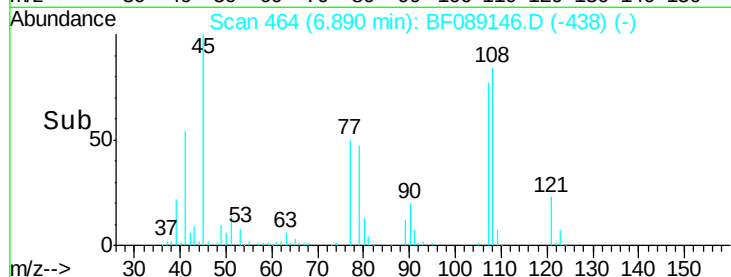
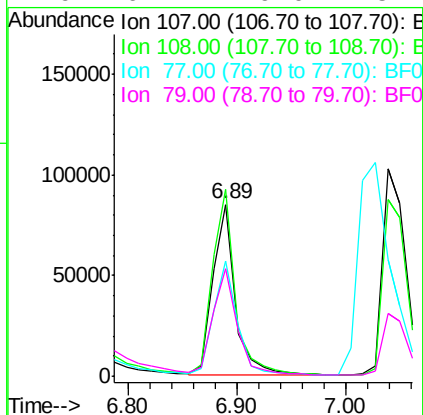
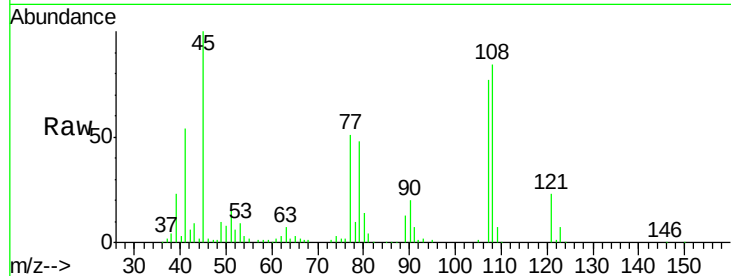




#17
2-Methylphenol
Concen: 40.24 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

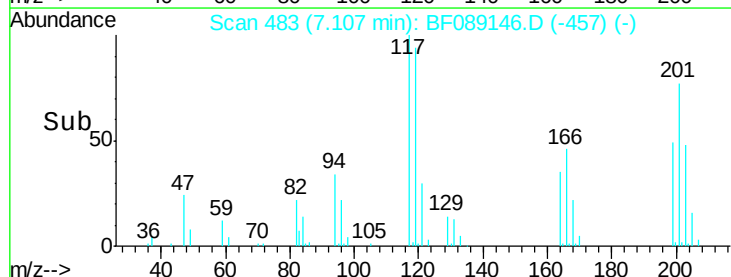
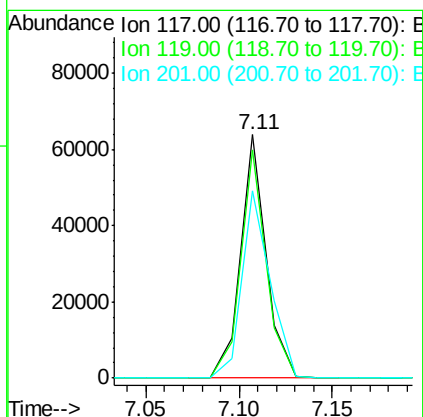
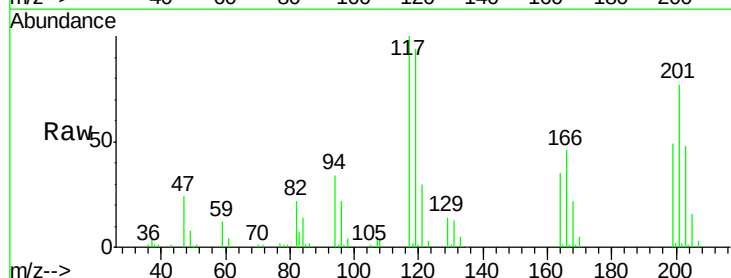
Instrument :
BNA_F
ClientSampleId :
PB92305BS

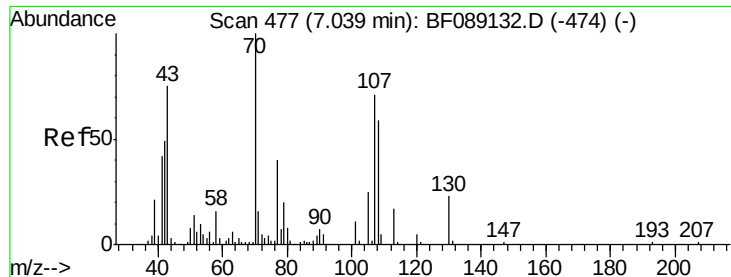
Tgt Ion:107 Resp: 124072
Ion Ratio Lower Upper
107 100
108 109.0 89.4 134.2
77 67.0 53.4 80.0
79 62.4 49.0 73.4



#18
Hexachloroethane
Concen: 37.12 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:117 Resp: 60741
Ion Ratio Lower Upper
117 100
119 93.8 74.5 111.7
201 76.7 51.8 77.6

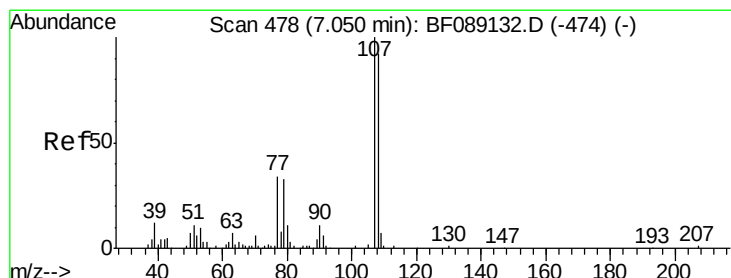
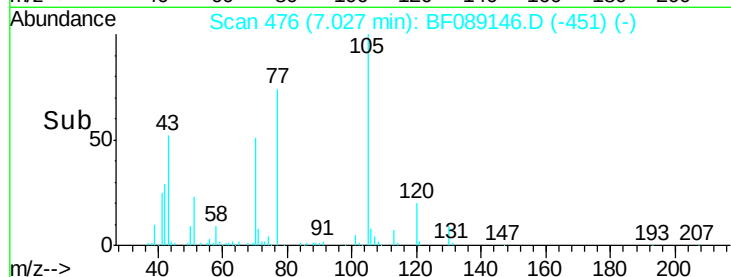
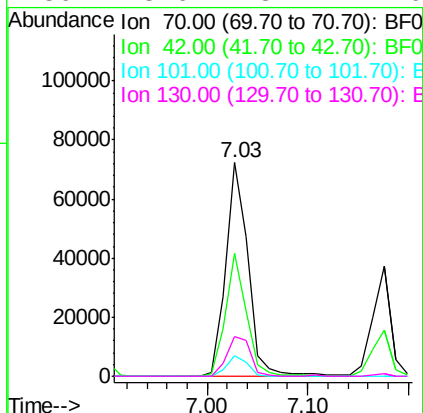
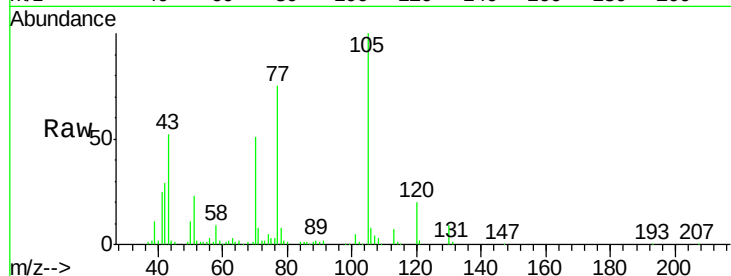




#19
n-Nitroso-di-n-propylamine
Concen: 37.15 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

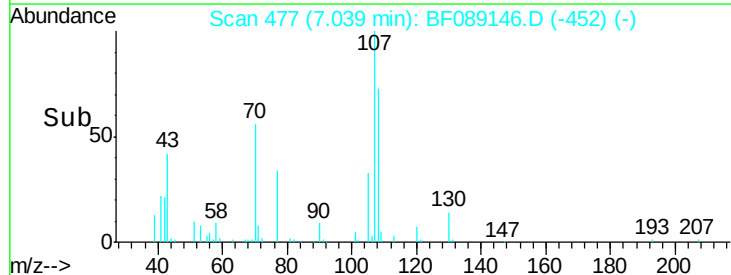
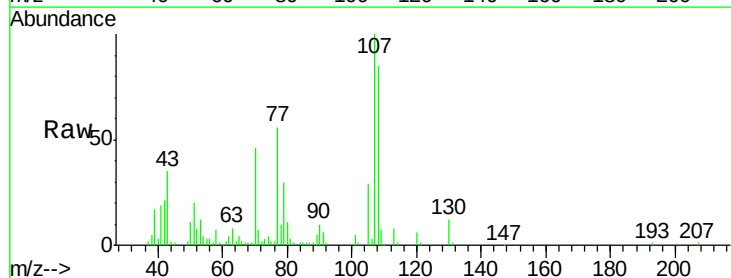
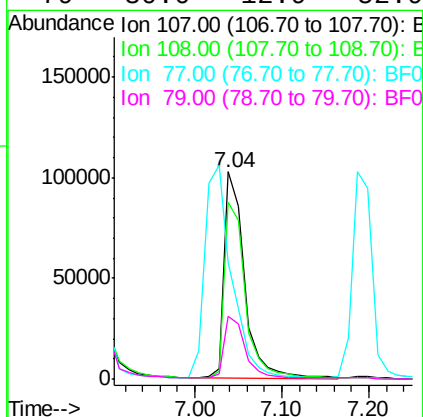
Instrument :
BNA_F
ClientSampleId :
PB92305BS

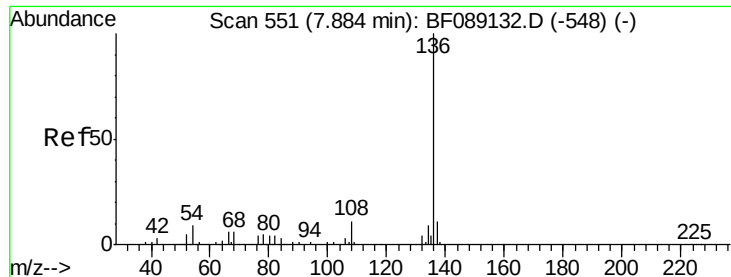
Tgt Ion: 70 Resp: 110528
Ion Ratio Lower Upper
70 100
42 57.5 39.2 58.8
101 9.5 8.5 12.7
130 18.6 18.4 27.6



#20
3+4-Methylphenols
Concen: 40.24 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion: 107 Resp: 168453
Ion Ratio Lower Upper
107 100
108 85.0 72.5 112.5
77 56.0 17.7 57.7
79 30.0 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

Tgt Ion:136 Resp: 230615

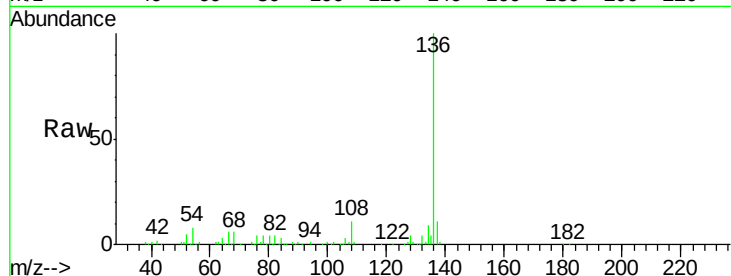
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.8 7.0 10.4

68 5.8 5.0 7.6

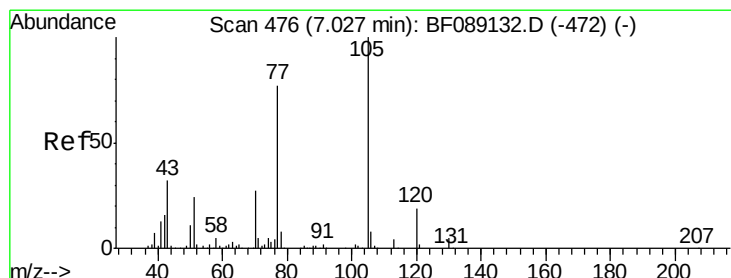
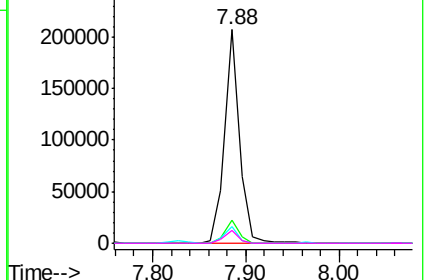
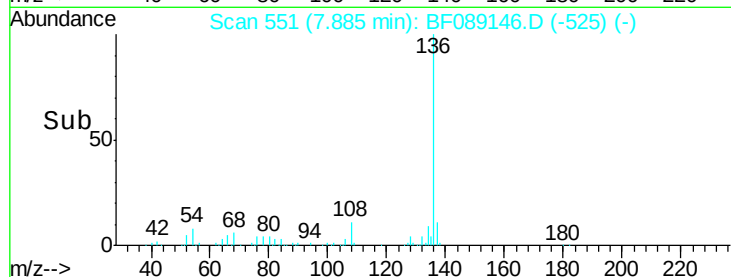


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.82 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Tgt Ion:105 Resp: 226766

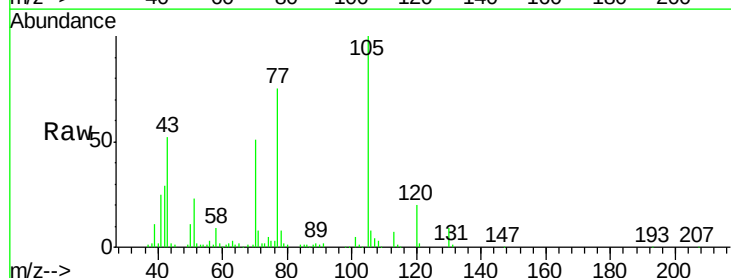
Ion Ratio Lower Upper

105 100

71 8.4 3.8 5.6#

51 22.9 19.6 29.4

120 20.1 15.5 23.3

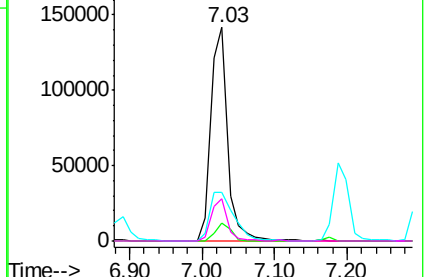
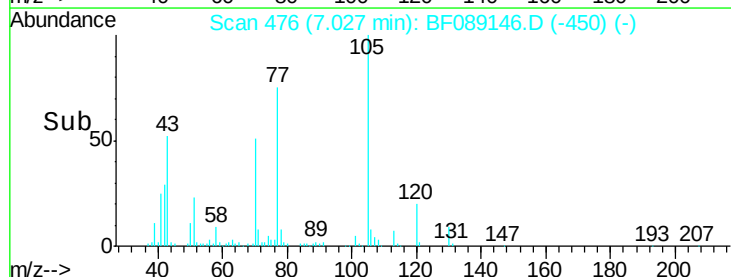


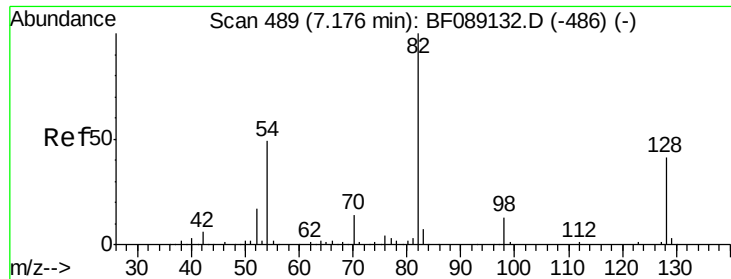
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

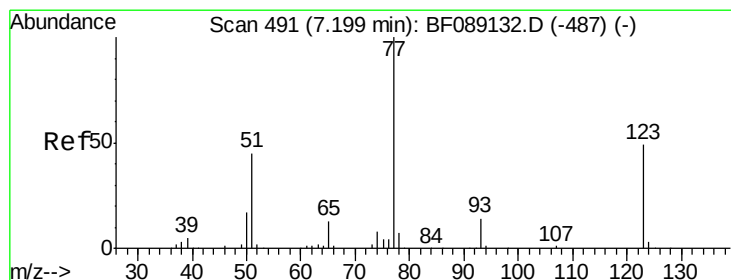
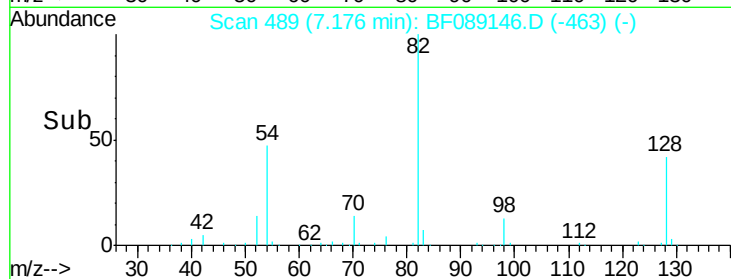
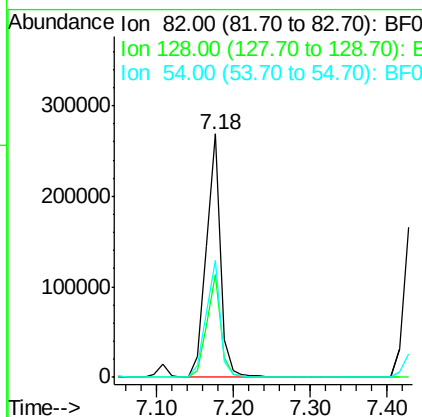
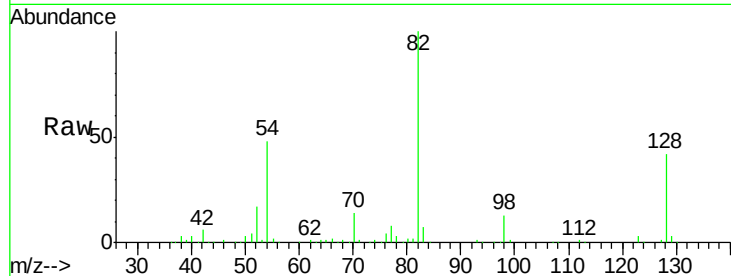




#23
 Nitrobenzene-d5
 Concen: 78.40 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

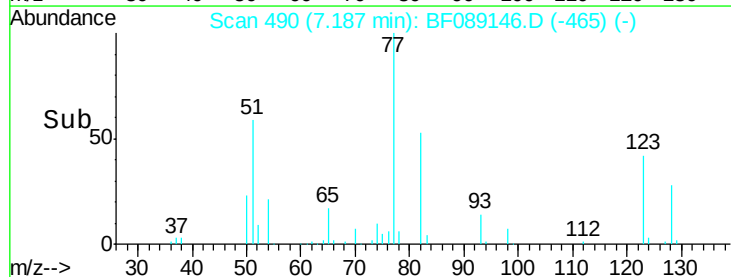
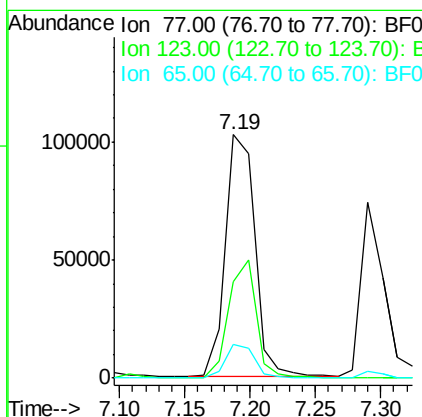
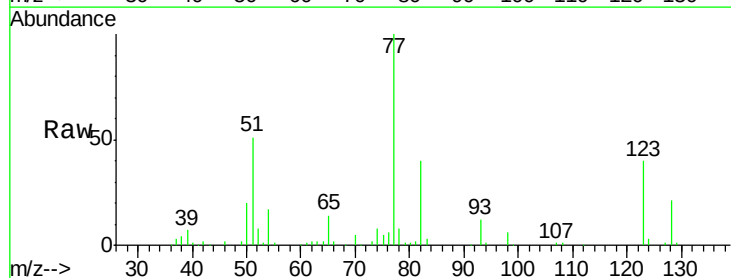
Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

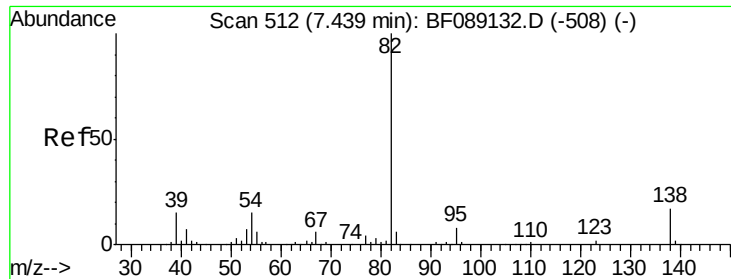
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.6
54	47.9	39.0	58.4



#24
 Nitrobenzene
 Concen: 35.09 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	38.9	58.3
65	13.9	10.6	15.8





#25

Isophorone

Concen: 38.44 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

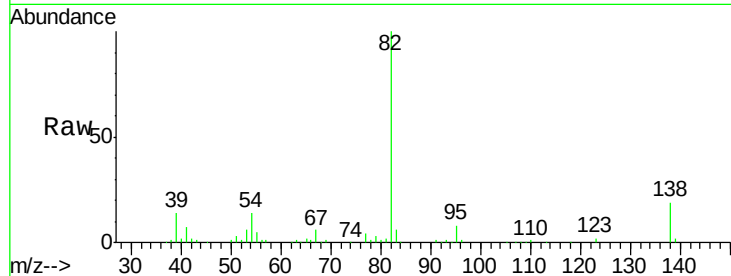
Tgt Ion: 82 Resp: 307458

Ion Ratio Lower Upper

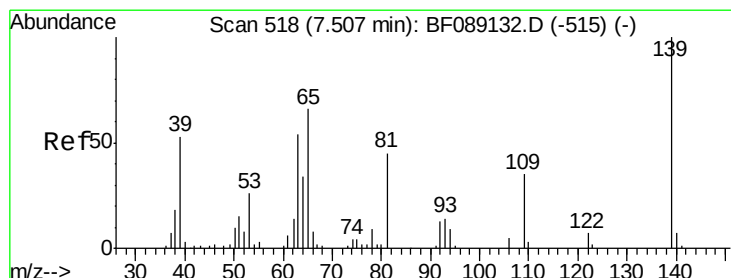
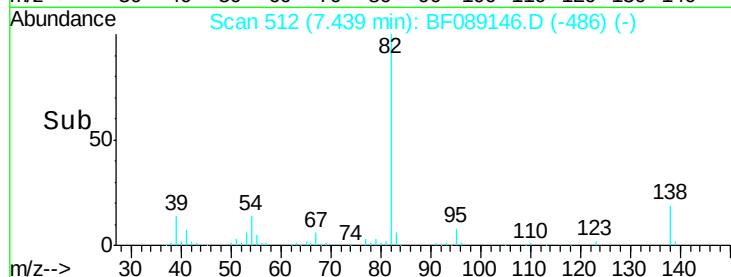
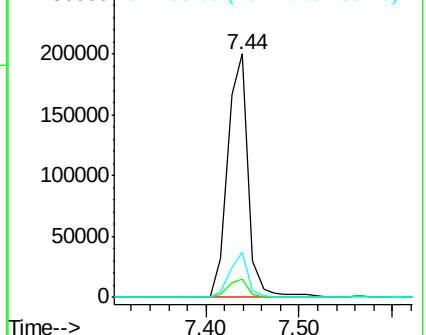
82 100

95 7.7 6.1 9.1

138 18.6 13.6 20.4



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



#26

2-Nitrophenol

Concen: 37.57 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

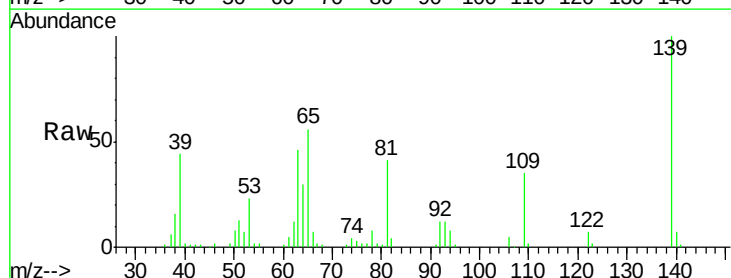
Tgt Ion: 139 Resp: 80213

Ion Ratio Lower Upper

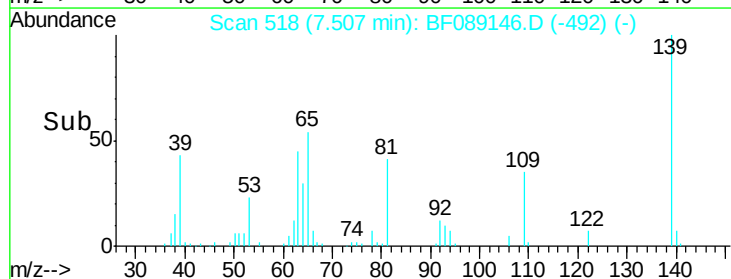
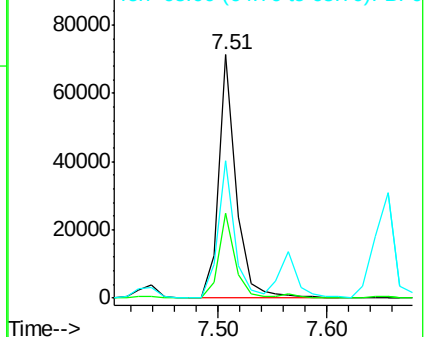
139 100

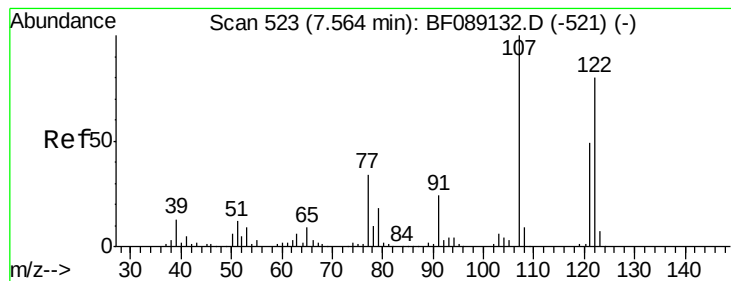
109 34.8 28.1 42.1

65 56.4 52.7 79.1



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: 39.67 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

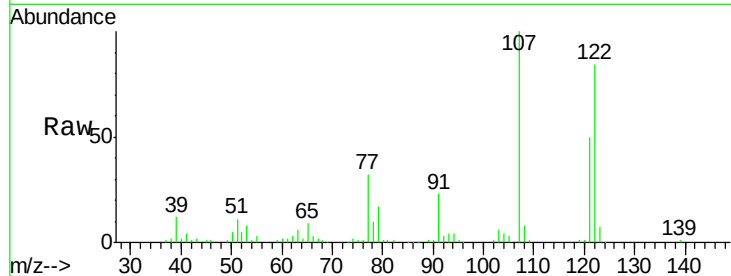
Tgt Ion:122 Resp: 142691

Ion Ratio Lower Upper

122 100

107 118.6 99.7 149.5

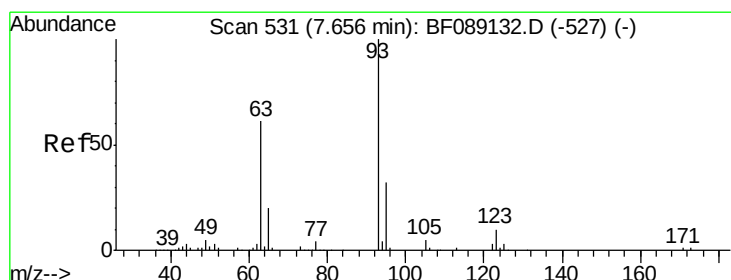
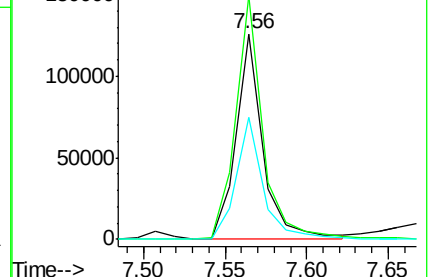
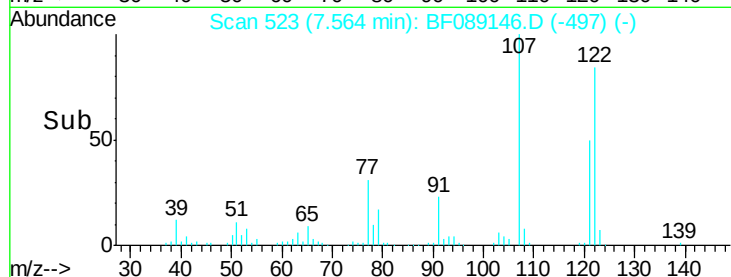
121 59.2 48.5 72.7



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: 38.90 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

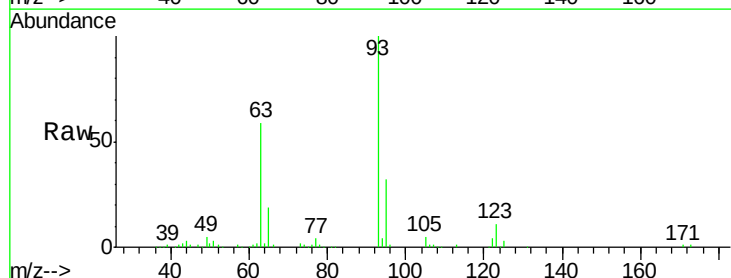
Tgt Ion: 93 Resp: 194625

Ion Ratio Lower Upper

93 100

95 32.0 25.4 38.0

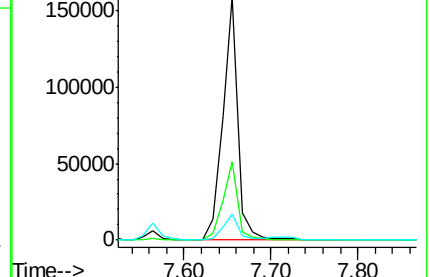
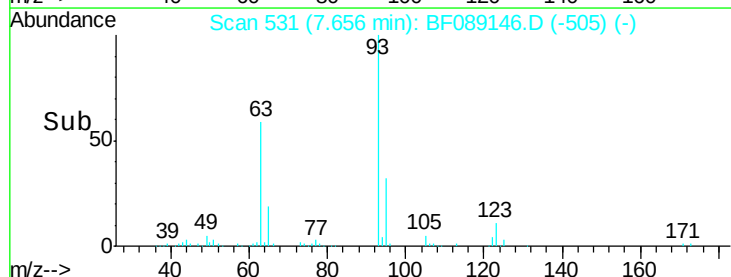
123 10.9 8.3 12.5

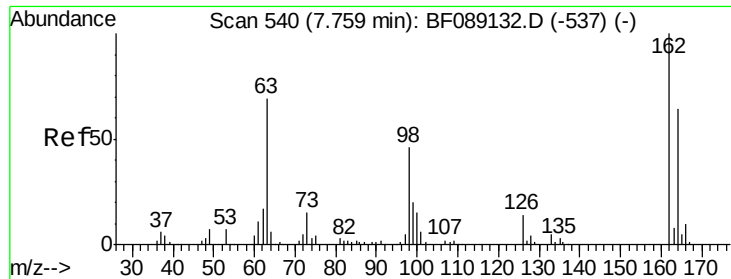


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

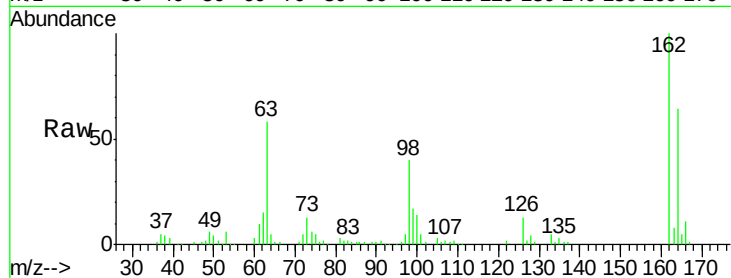




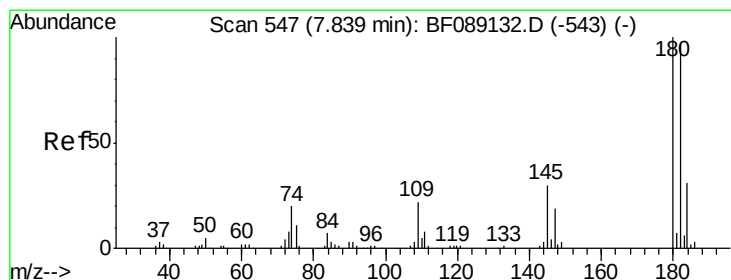
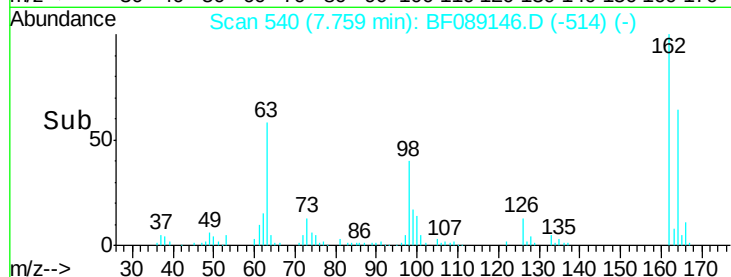
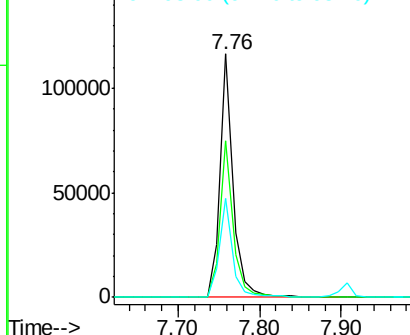
#29
 2,4-Dichlorophenol
 Concen: 40.08 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.0	84.0
98	40.4	26.0	66.0

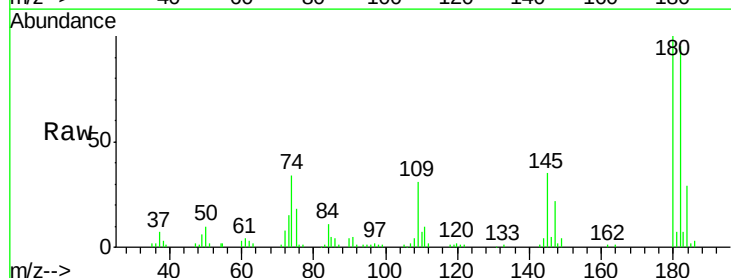


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

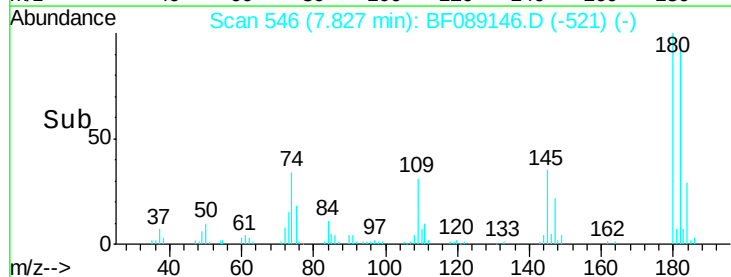
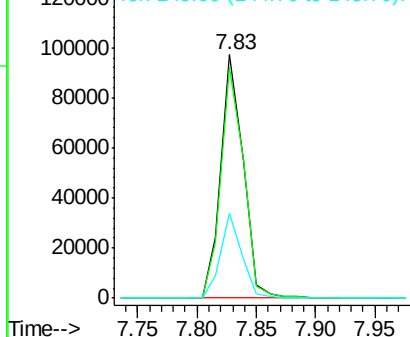


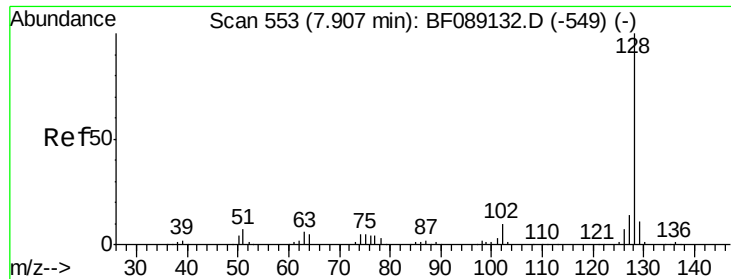
#30
 1,2,4-Trichlorobenzene
 Concen: 35.29 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.6	116.4
145	34.7	24.0	36.0



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

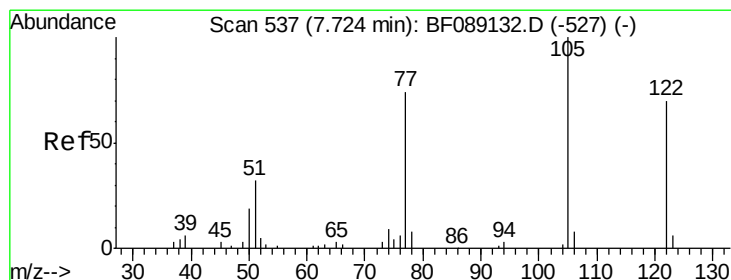
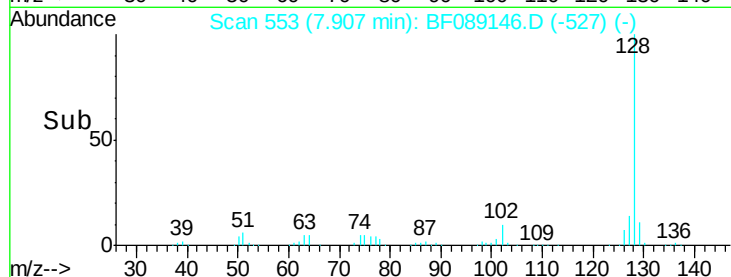
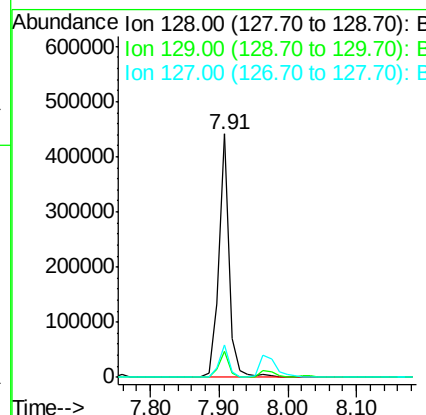
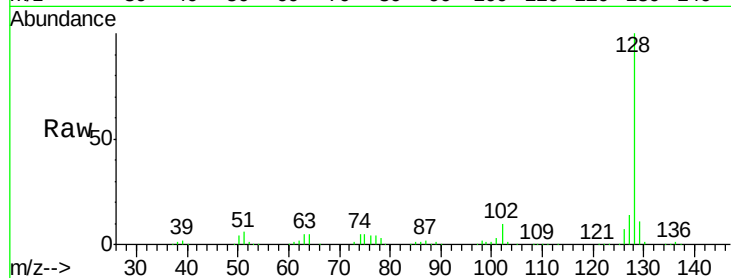




#31
Naphthalene
Concen: 37.89 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

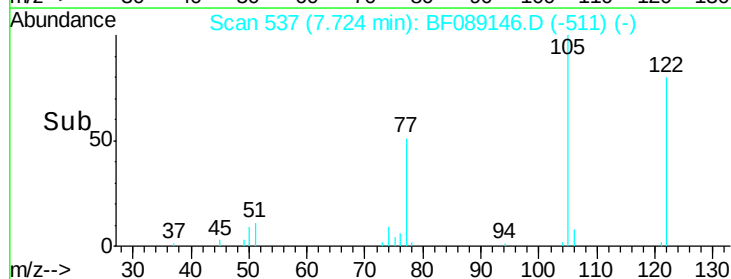
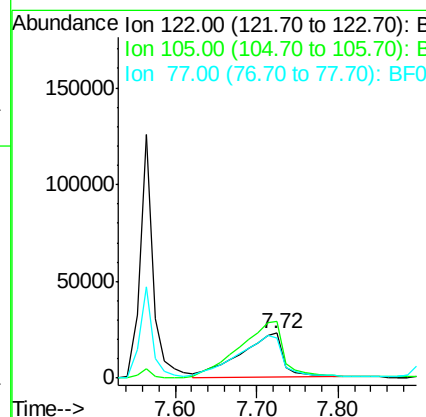
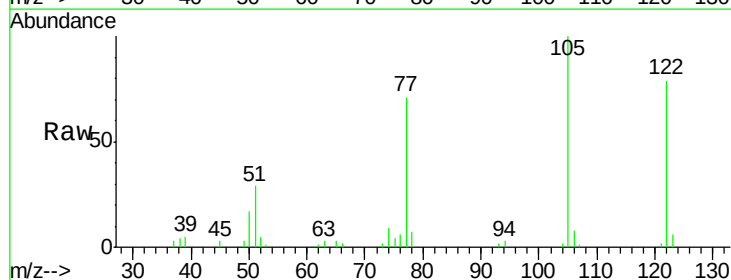
Instrument :
BNA_F
ClientSampleId :
PB92305BS

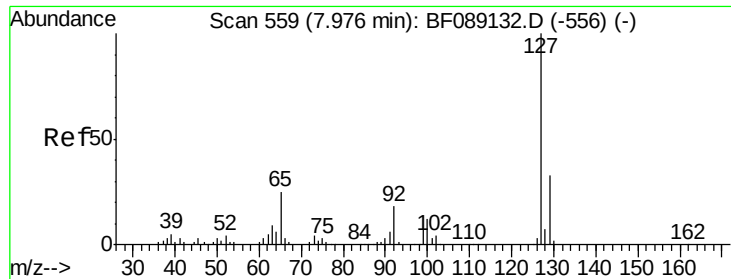
Tgt Ion:128 Resp: 471576
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 29.83 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:122 Resp: 82511
Ion Ratio Lower Upper
122 100
105 126.6 119.0 159.0
77 90.1 84.7 124.7

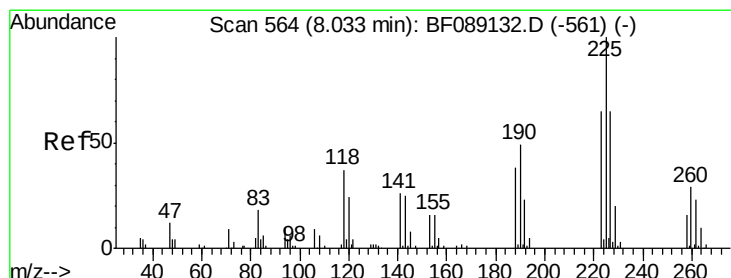
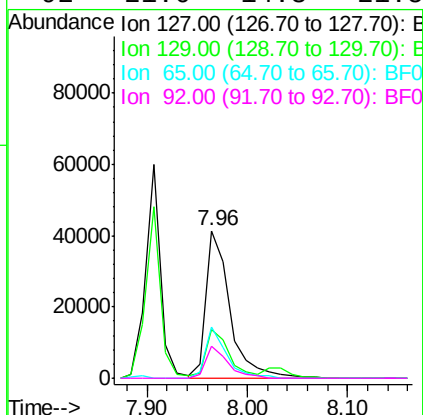
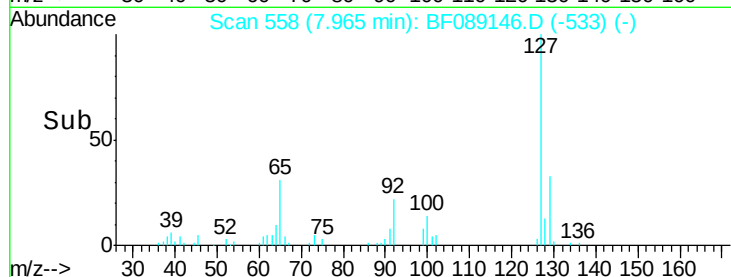
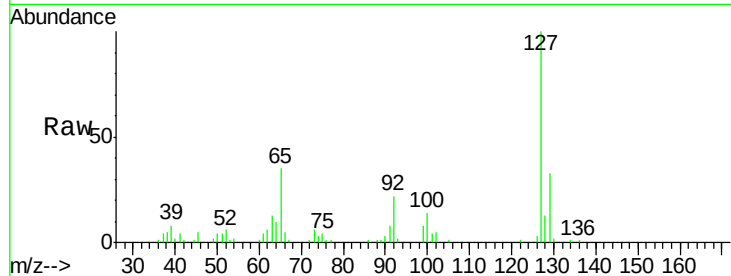




#33
4-Chloroaniline
Concen: 13.28 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

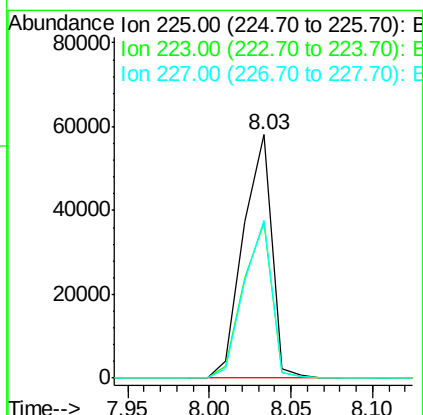
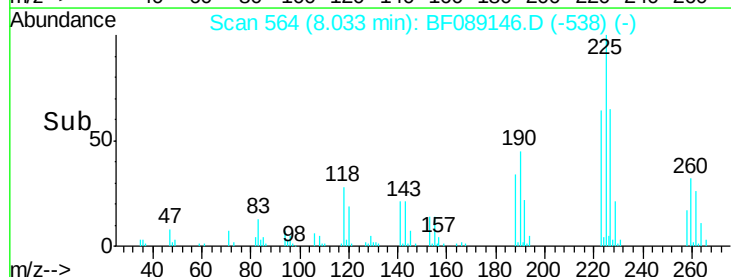
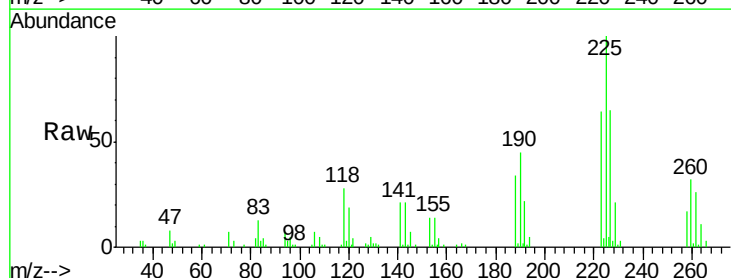
Instrument :
BNA_F
ClientSampleId :
PB92305BS

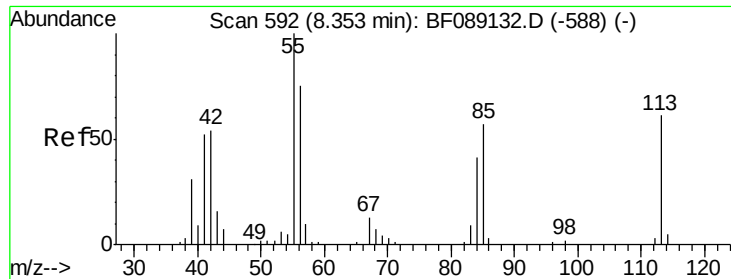
Tgt Ion:127 Resp: 69516
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 34.8 19.7 29.5#
92 21.6 14.3 21.5#



#34
Hexachlorobutadiene
Concen: 35.19 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:225 Resp: 70276
Ion Ratio Lower Upper
225 100
223 64.0 51.6 77.4
227 65.1 51.6 77.4

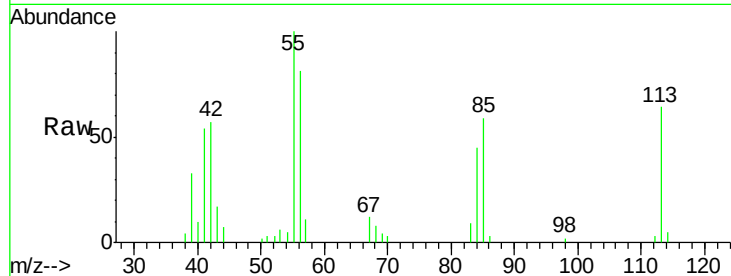




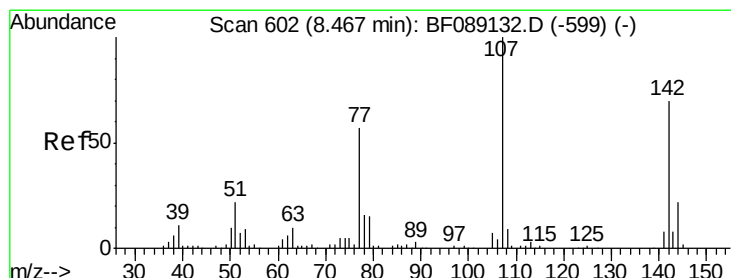
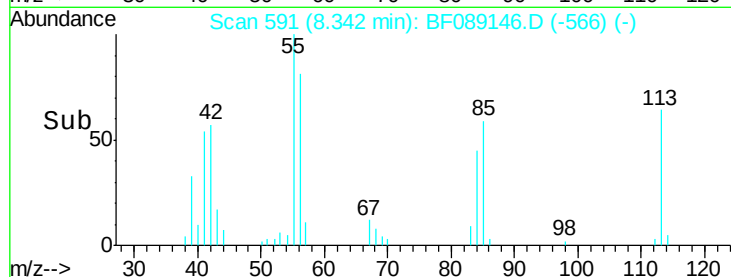
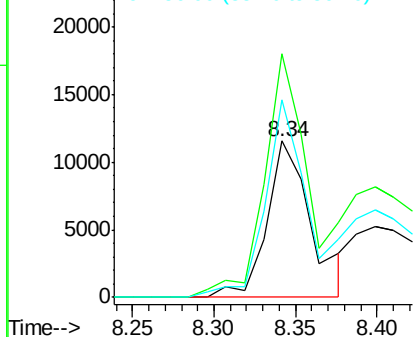
#35
 Caprolactam
 Concen: 21.60 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:113 Resp: 21749
 Ion Ratio Lower Upper
 113 100
 55 155.7 145.3 185.3
 56 126.6 104.3 144.3

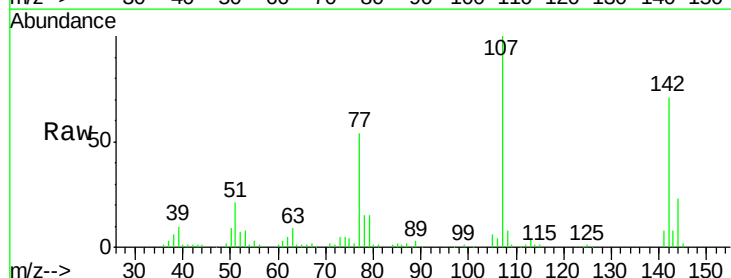


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

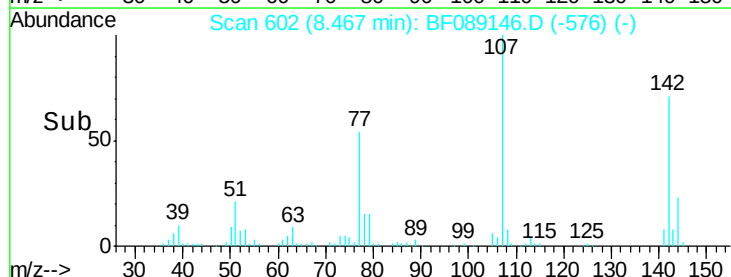
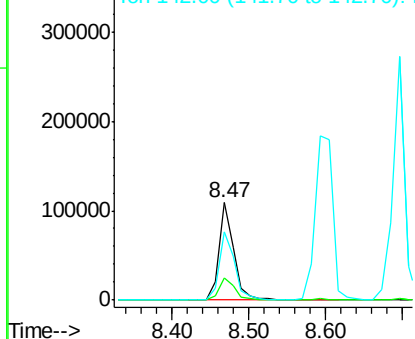


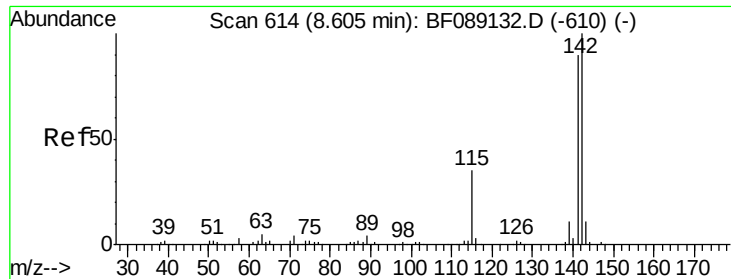
#36
 4-Chloro-3-methylphenol
 Concen: 38.00 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:107 Resp: 148402
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.8 26.6
 142 70.7 56.1 84.1



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

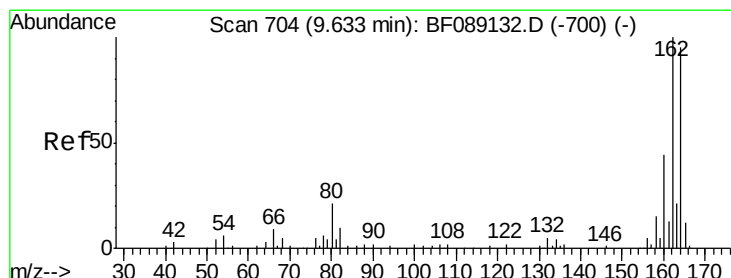
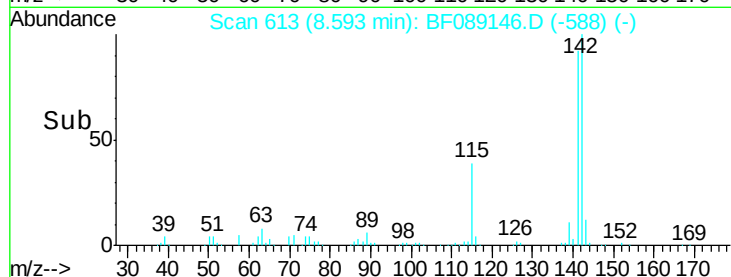
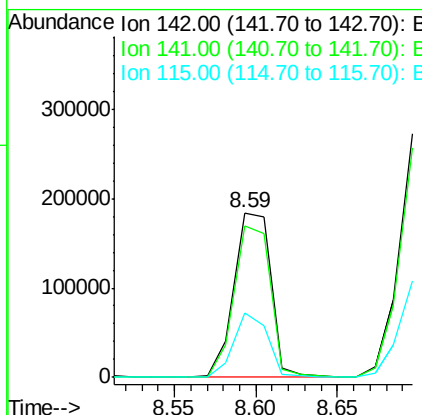
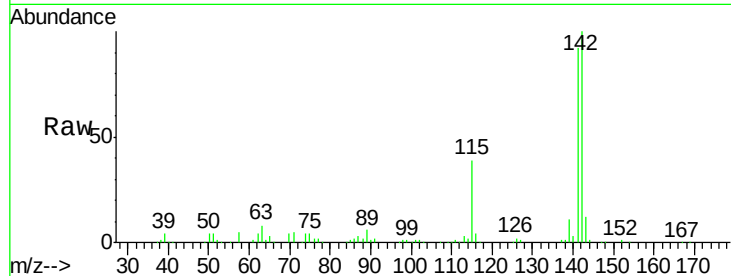




#37
2-Methylnaphthalene
Concen: 36.47 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

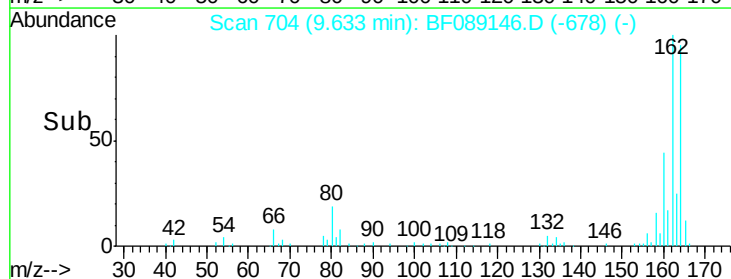
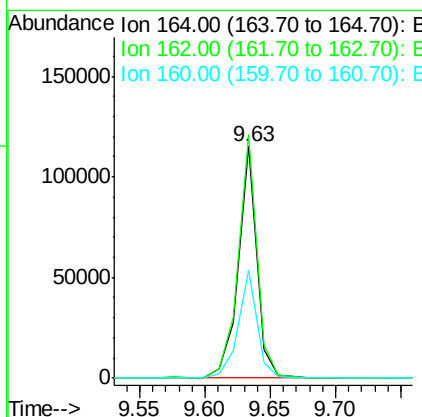
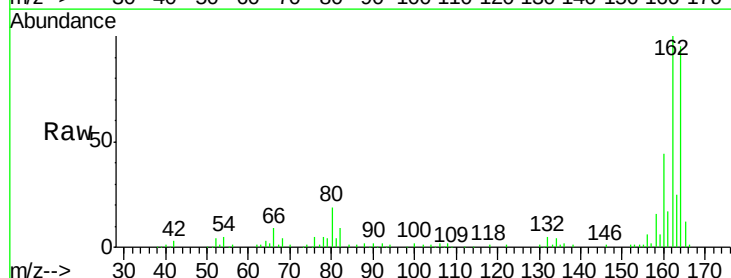
Instrument :
BNA_F
ClientSampleId :
PB92305BS

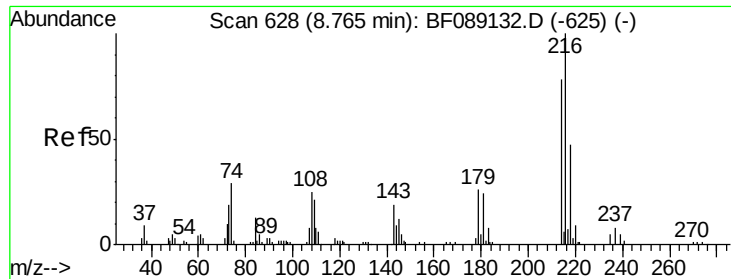
Tgt Ion:142 Resp: 289508
Ion Ratio Lower Upper
142 100
141 91.8 71.6 107.4
115 39.5 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:164 Resp: 112652
Ion Ratio Lower Upper
164 100
162 105.1 84.1 126.1
160 46.5 37.1 55.7

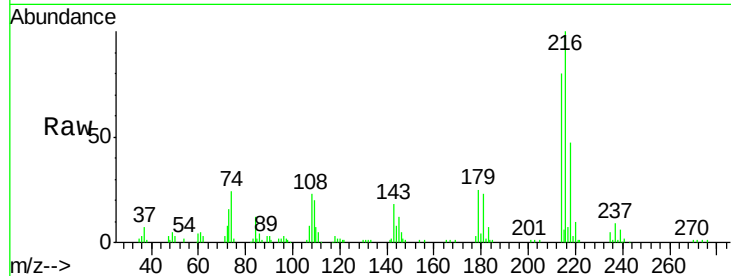




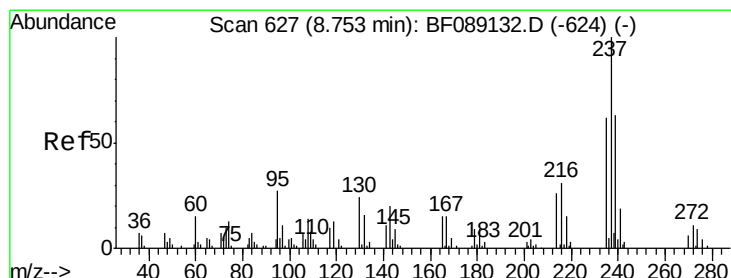
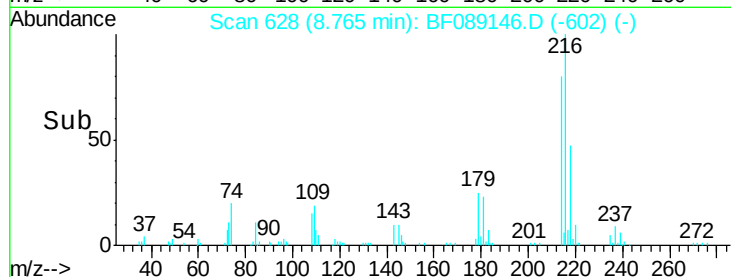
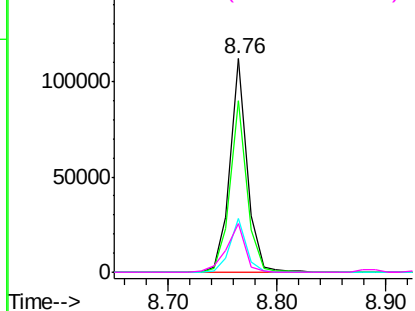
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.26 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:	216	Resp:	122495
Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.9	92.9
179	23.6	18.4	27.6
108	24.6	17.0	25.6

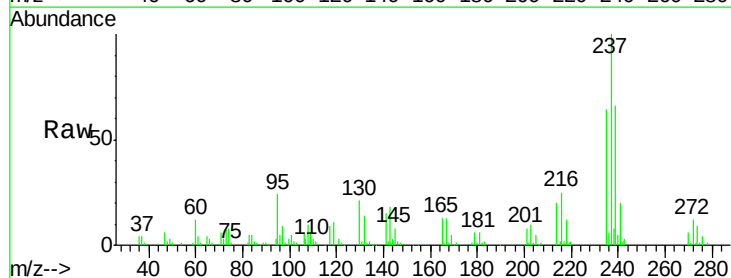


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

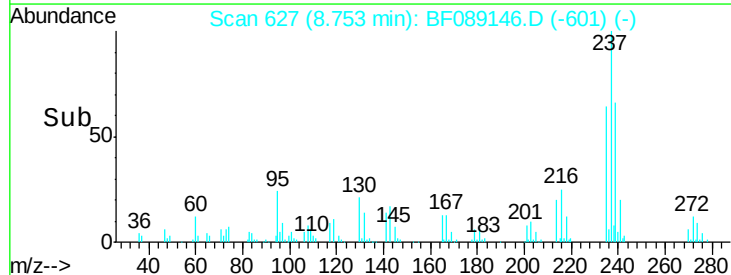
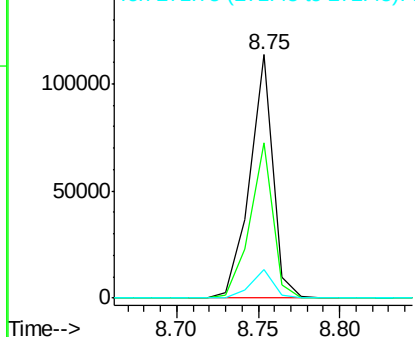


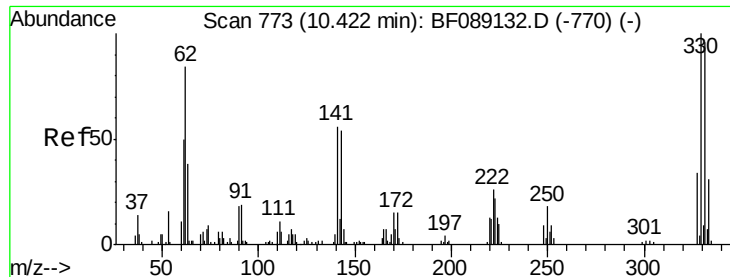
#40
 Hexachlorocyclopentadiene
 Concen: 79.86 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:	237	Resp:	111922
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.1	82.1
272	11.7	0.0	31.4



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

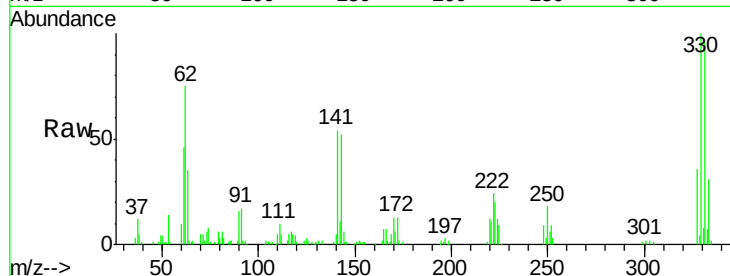




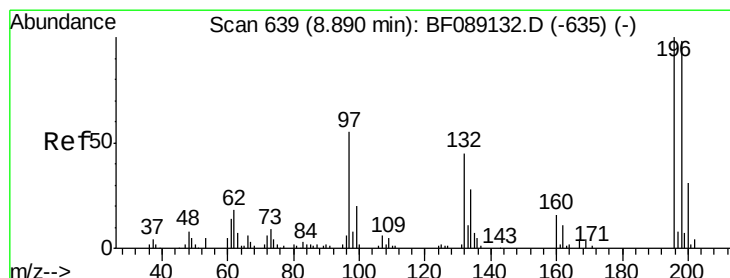
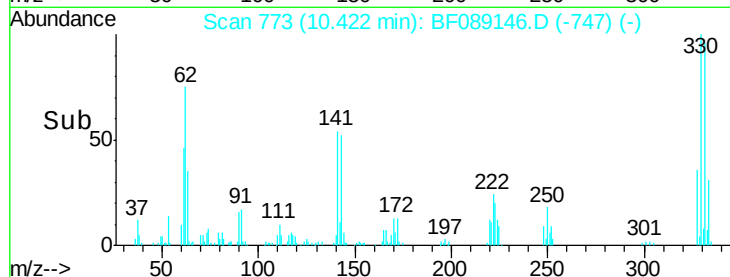
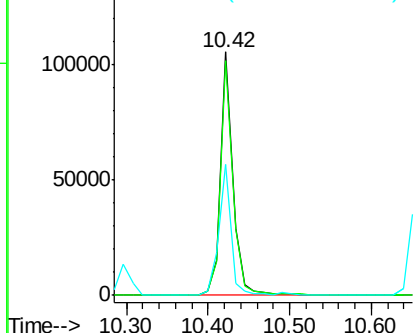
#41
 2,4,6-Tribromophenol
 Concen: 109.66 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:330 Resp: 111217
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 52.6 42.2 63.2

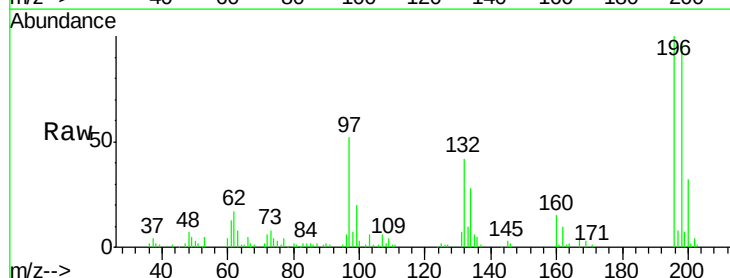


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

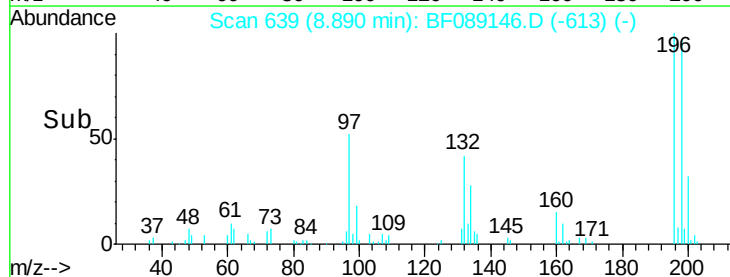
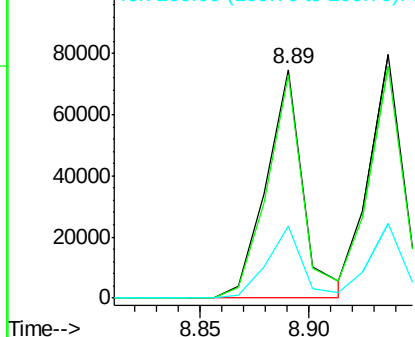


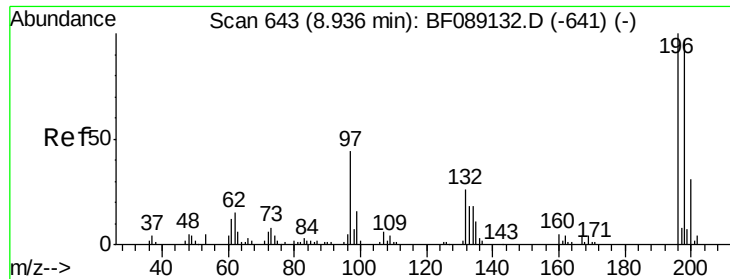
#42
 2,4,6-Trichlorophenol
 Concen: 37.67 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:196 Resp: 88286
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.3 117.5
 200 31.6 25.0 37.4



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

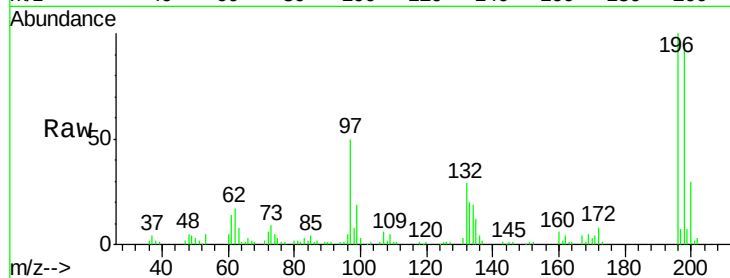




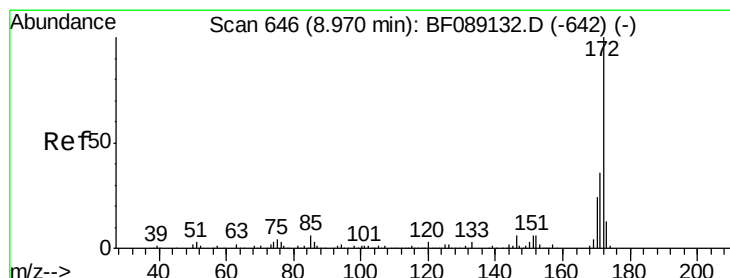
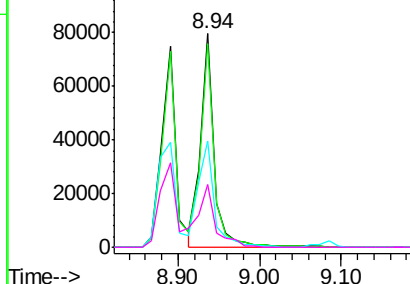
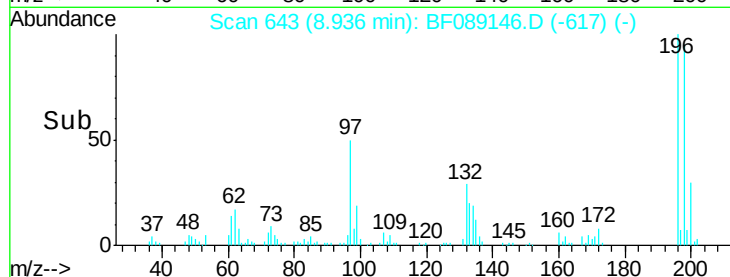
#43
 2,4,5-Trichlorophenol
 Concen: 40.38 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:196 Resp: 94984
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.6 116.4
 97 49.7 36.5 54.7
 132 29.2 21.2 31.8

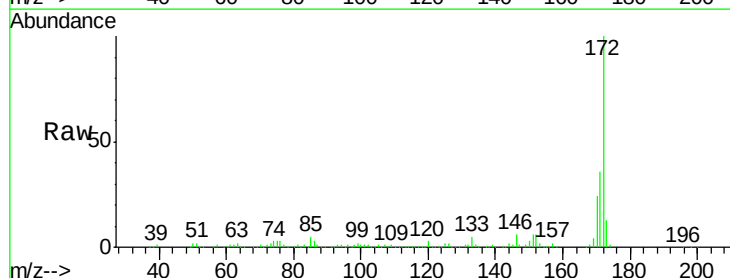


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

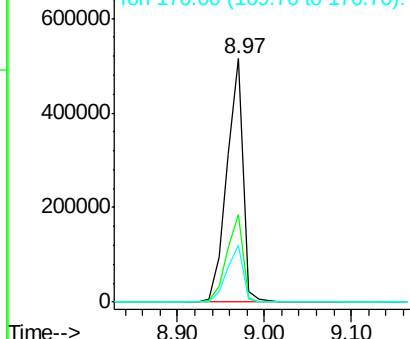
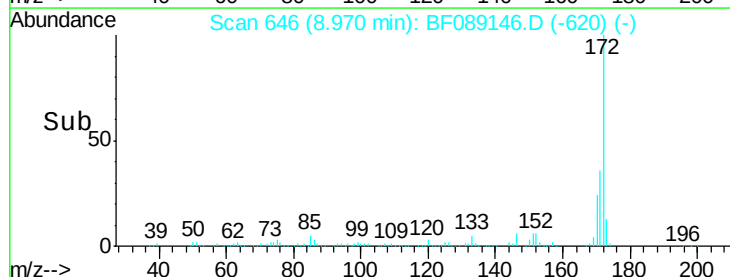


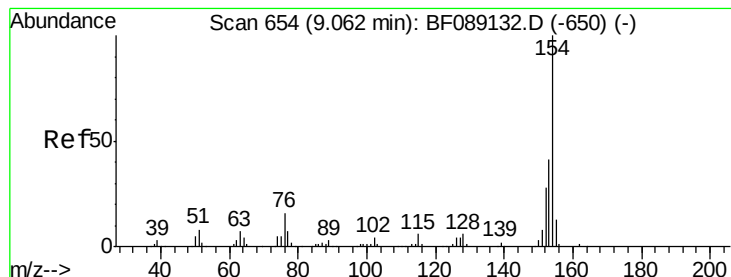
#44
 2-Fluorobiphenyl
 Concen: 80.74 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:172 Resp: 660096
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.5 19.1 28.7



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: 34.54 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

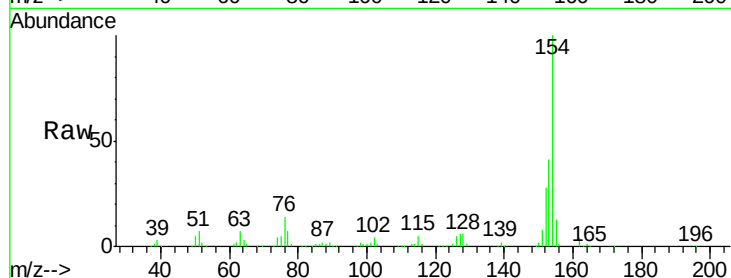
Tgt Ion:154 Resp: 350381

Ion Ratio Lower Upper

154 100

153 41.4 21.1 61.1

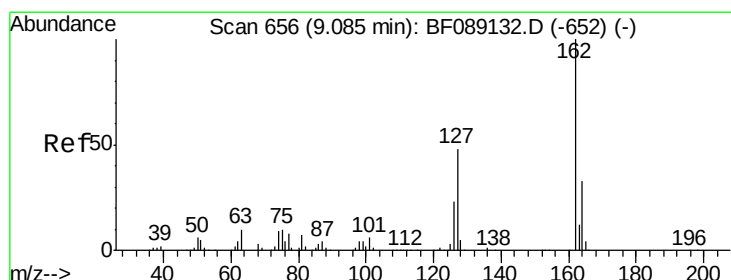
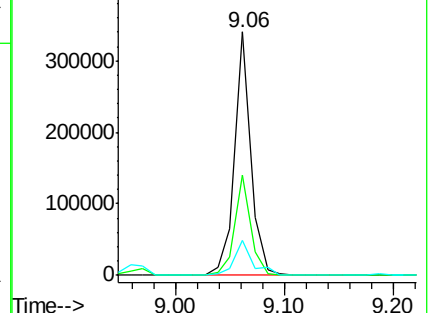
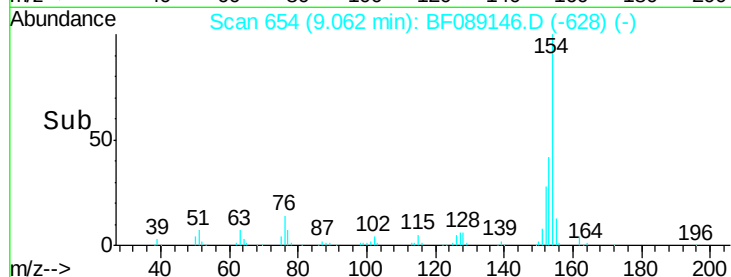
76 14.4 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.25 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

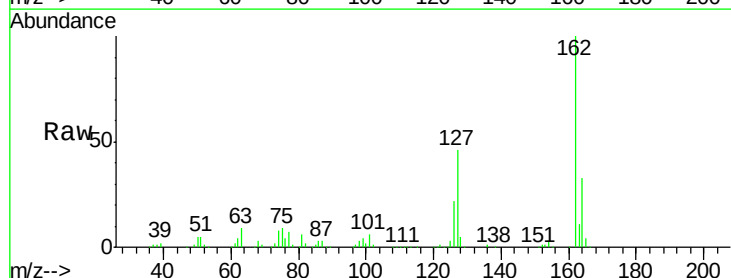
Tgt Ion:162 Resp: 279440

Ion Ratio Lower Upper

162 100

127 46.3 38.1 57.1

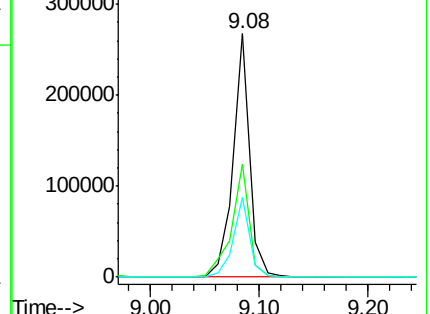
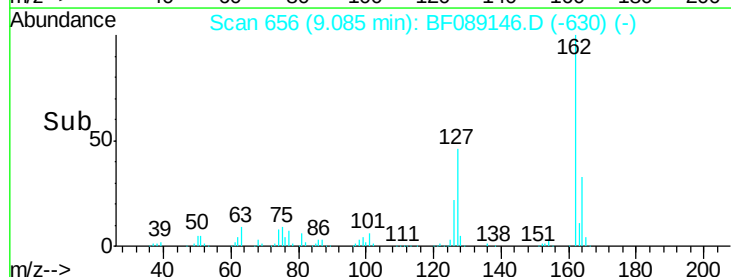
164 32.6 26.1 39.1

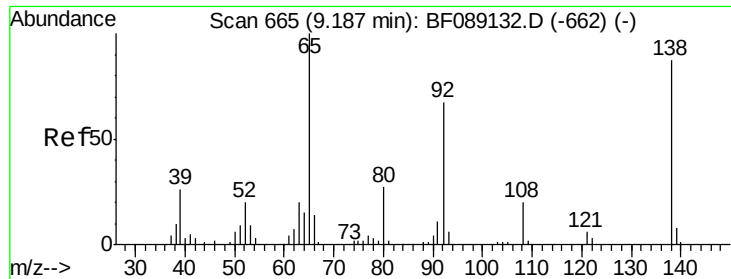


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

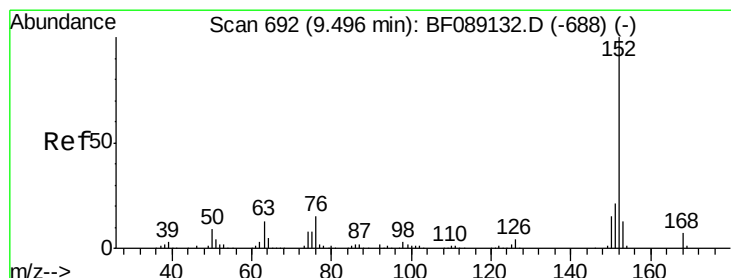
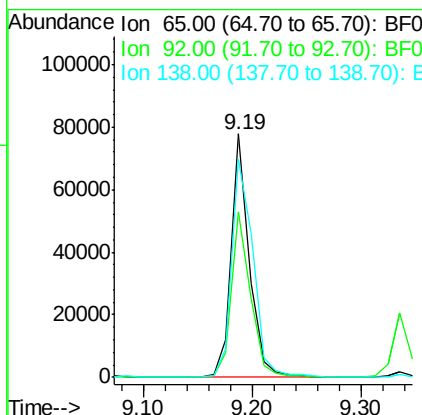
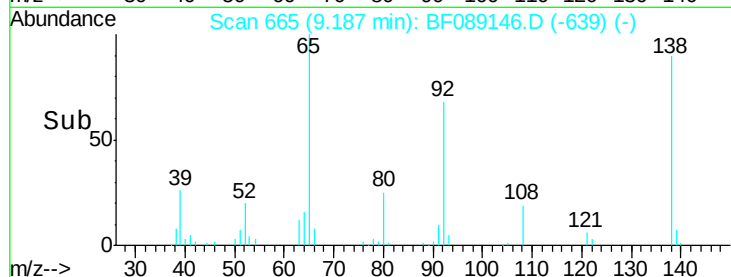
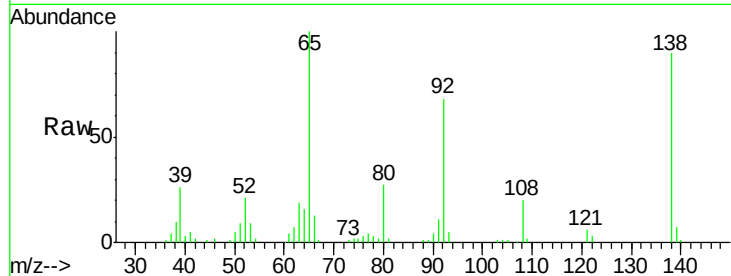




#47
 2-Nitroaniline
 Concen: 33.62 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

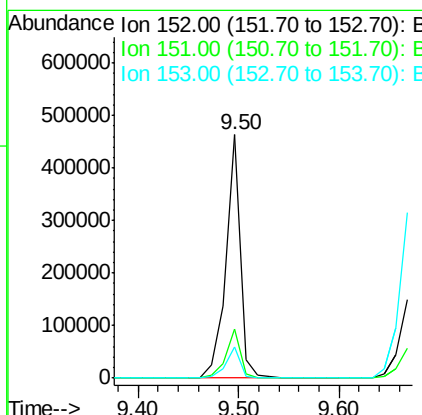
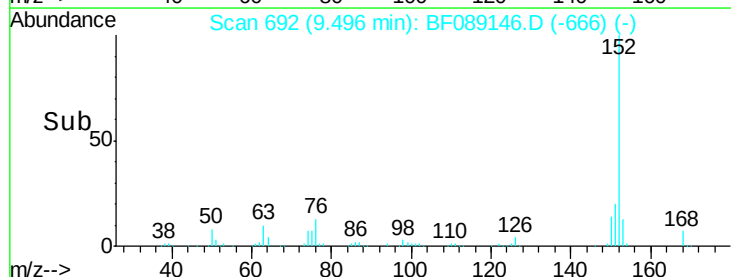
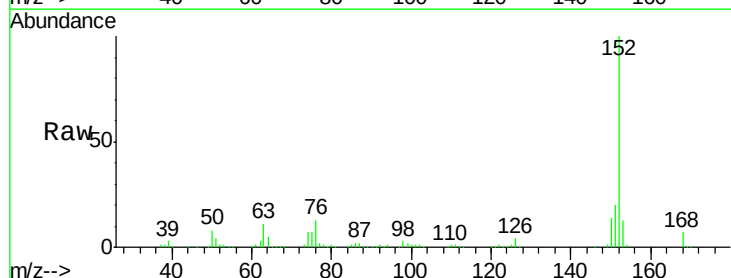
Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

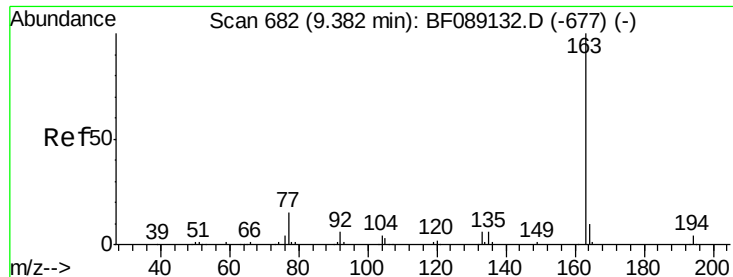
Tgt Ion:	65	Resp:	88918
Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.2	79.8
138	89.6	69.4	104.2



#48
 Acenaphthylene
 Concen: 38.16 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:	152	Resp:	462547
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	12.9	10.7	16.1

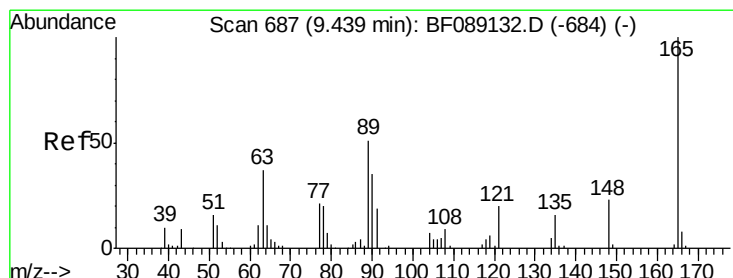
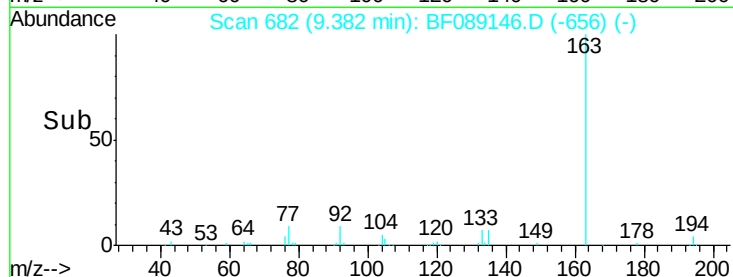
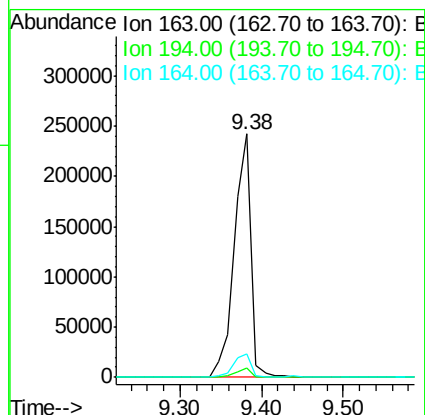
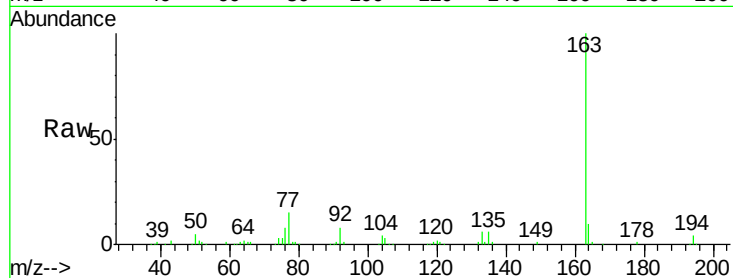




#49
Dimethylphthalate
Concen: 39.81 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

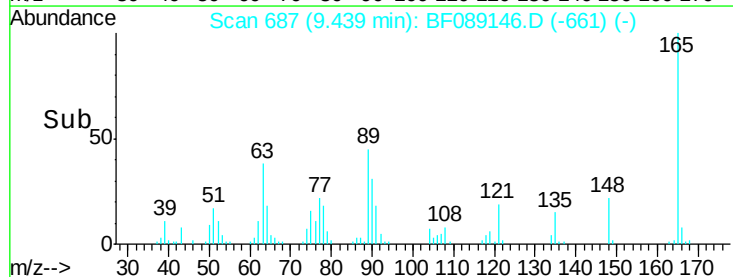
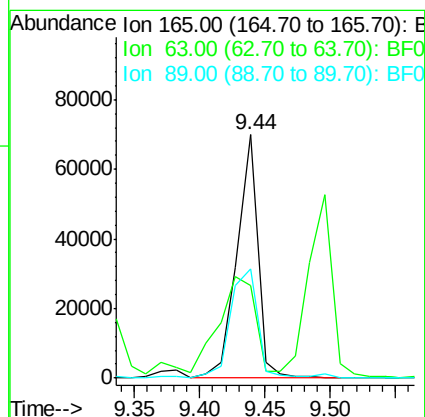
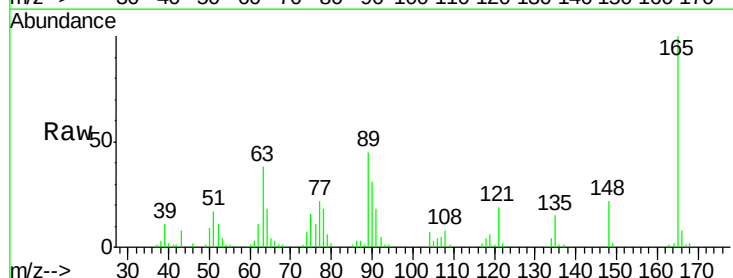
Instrument :
BNA_F
ClientSampleId :
PB92305BS

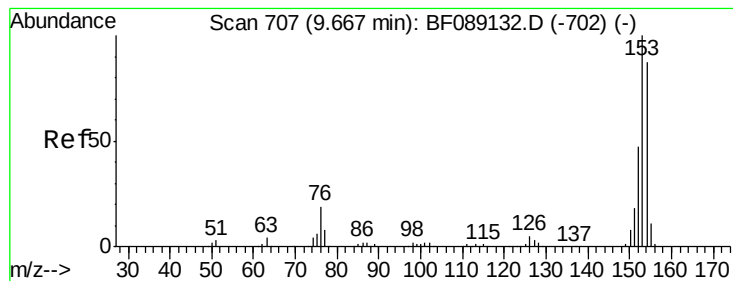
Tgt Ion:163 Resp: 344111
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.7 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 40.17 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:165 Resp: 78407
Ion Ratio Lower Upper
165 100
63 38.2 37.0 55.4
89 44.6 40.9 61.3





#51

Acenaphthene

Concen: 38.11 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

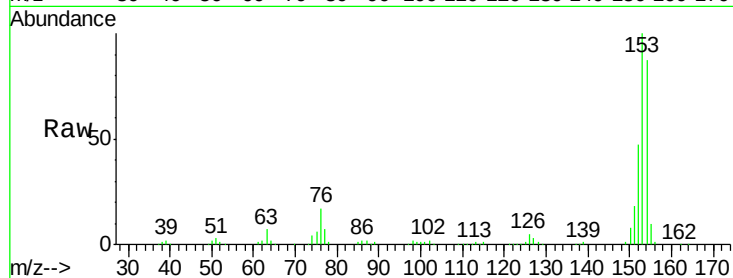
Tgt Ion:154 Resp: 273219

Ion Ratio Lower Upper

154 100

153 114.6 91.9 137.9

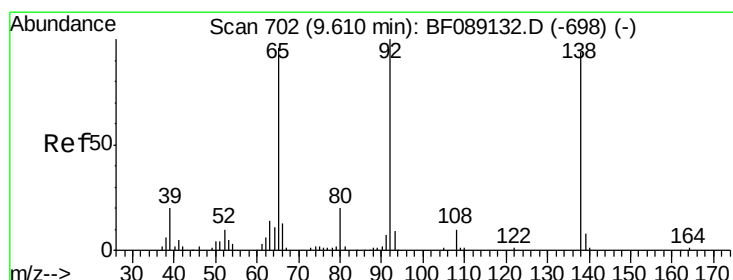
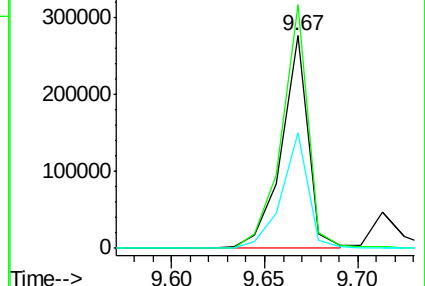
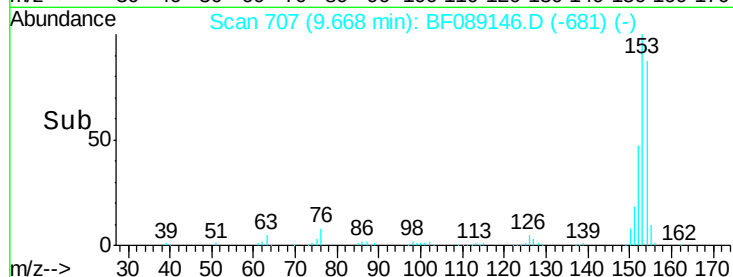
152 54.3 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.09 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

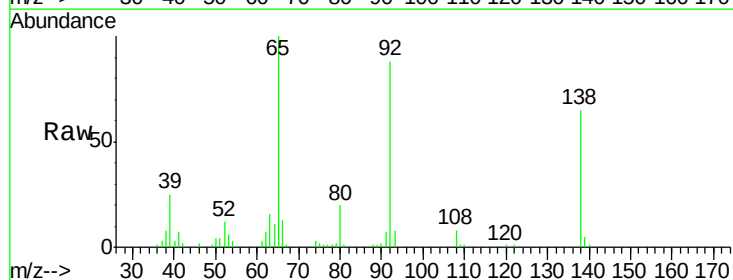
Tgt Ion:138 Resp: 46556

Ion Ratio Lower Upper

138 100

108 12.7 8.8 13.2

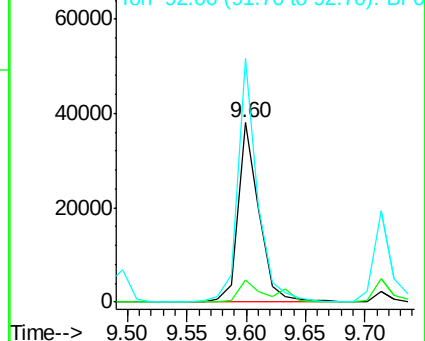
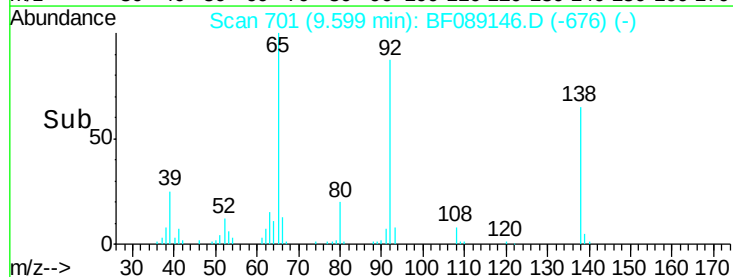
92 135.9 85.3 127.9#

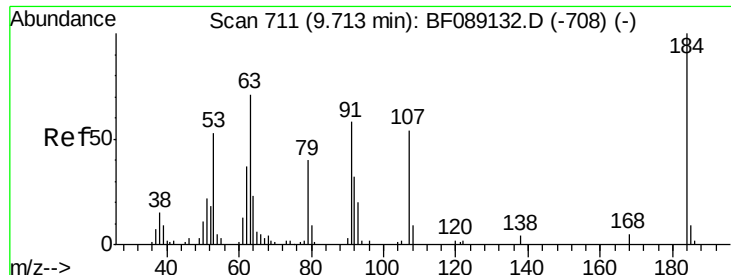


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

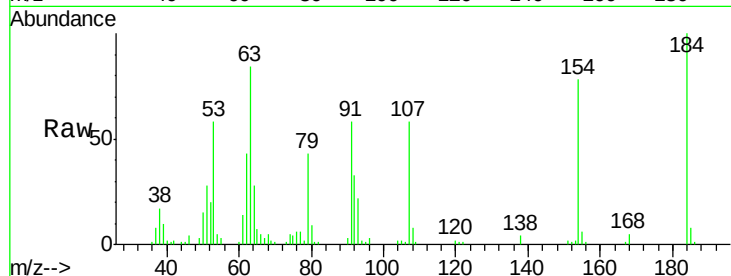




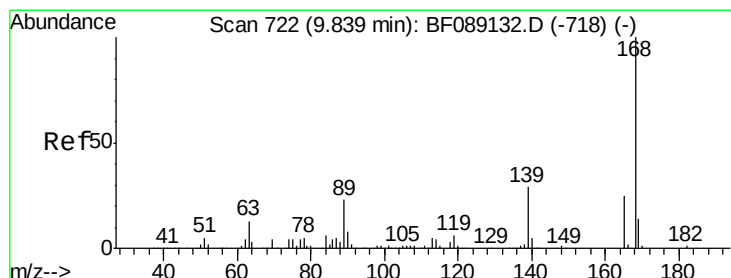
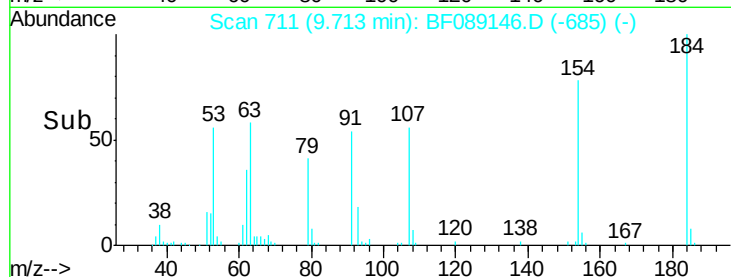
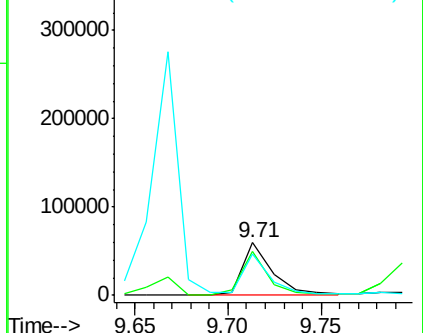
#53
2,4-Dinitrophenol
Concen: 69.48 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Instrument :
BNA_F
ClientSampleId :
PB92305BS

Tgt Ion:184 Resp: 67910
Ion Ratio Lower Upper
184 100
63 84.3 60.3 90.5
154 78.4 60.7 91.1

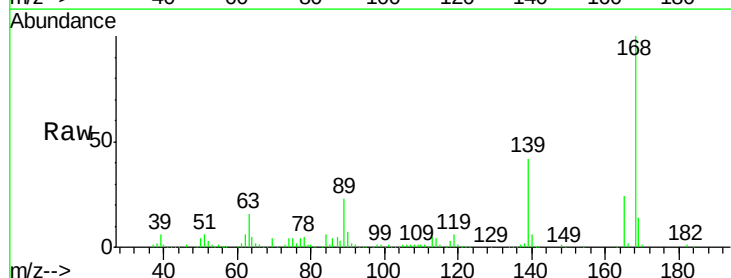


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

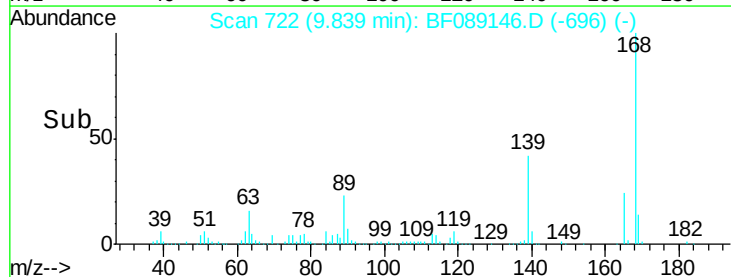
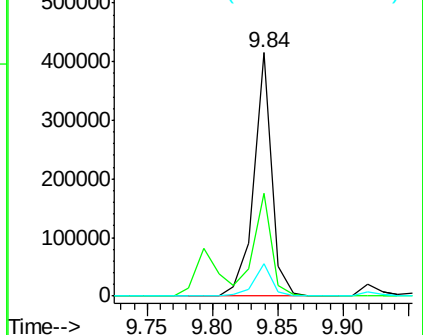


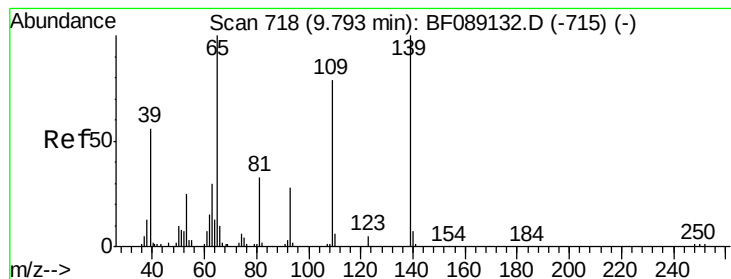
#54
Dibenzofuran
Concen: 41.10 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:168 Resp: 398170
Ion Ratio Lower Upper
168 100
139 42.3 34.4 51.6
169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 73.53 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

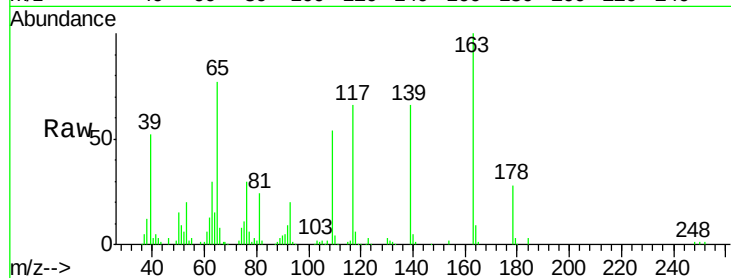
Tgt Ion:139 Resp: 103110

Ion Ratio Lower Upper

139 100

109 81.5 58.7 98.7

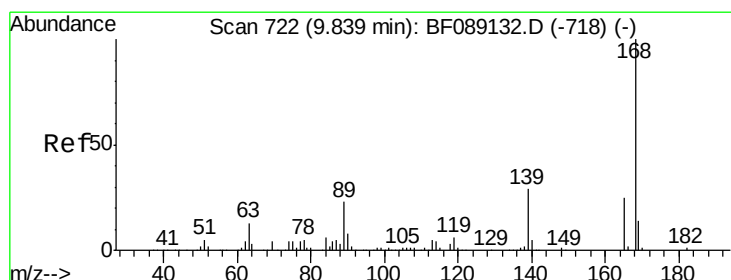
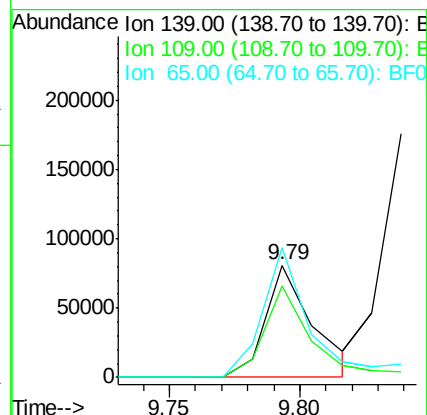
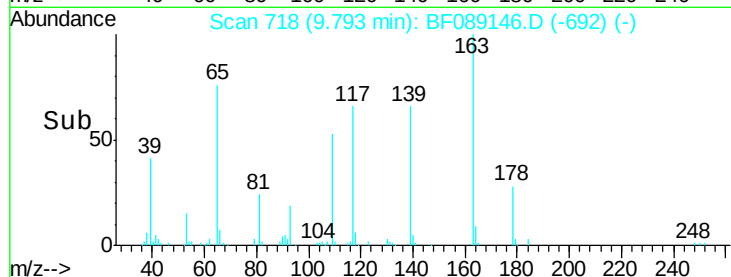
65 115.7 80.2 120.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.03 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Tgt Ion:165 Resp: 100643

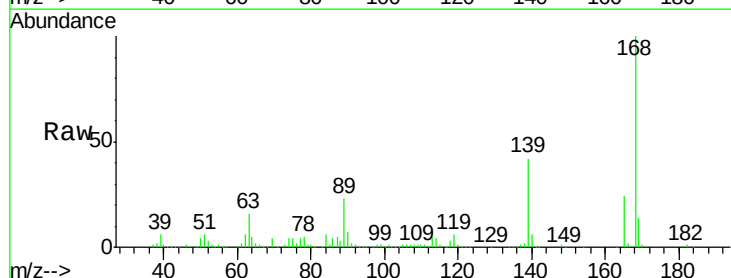
Ion Ratio Lower Upper

165 100

63 67.7 55.4 83.2

89 93.9 74.3 111.5

182 2.2 2.0 3.0

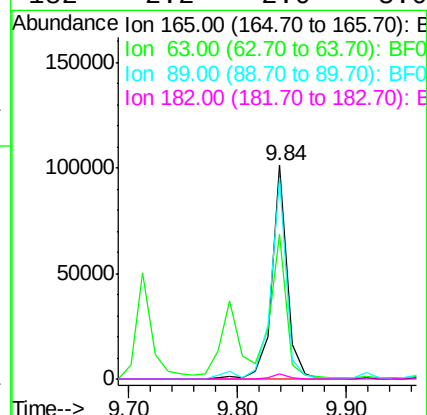
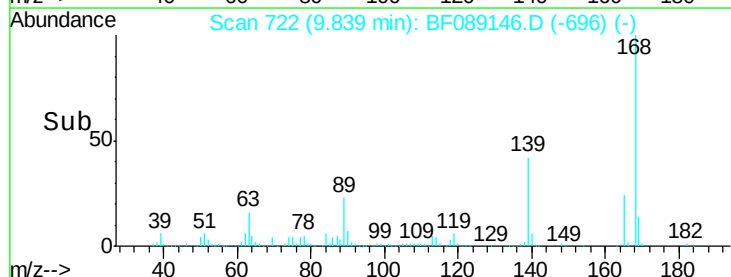


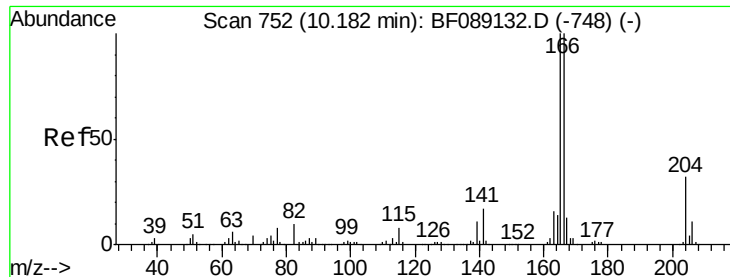
Abundance Ion 165.00 (164.70 to 165.70): E

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

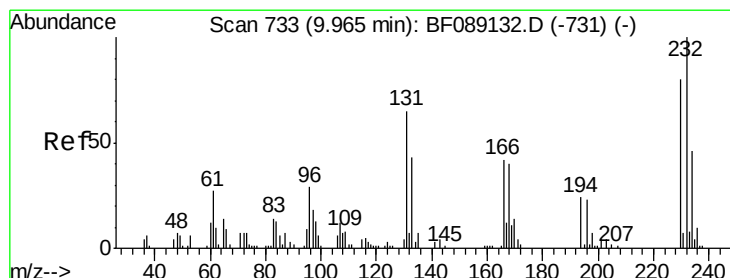
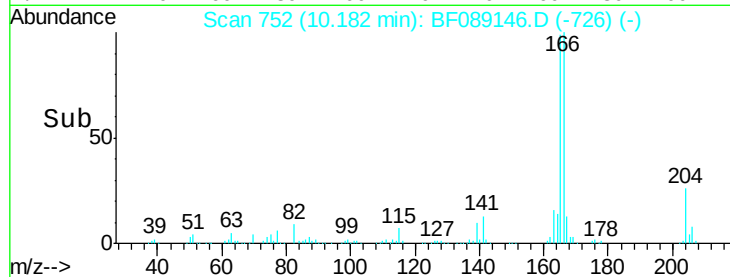
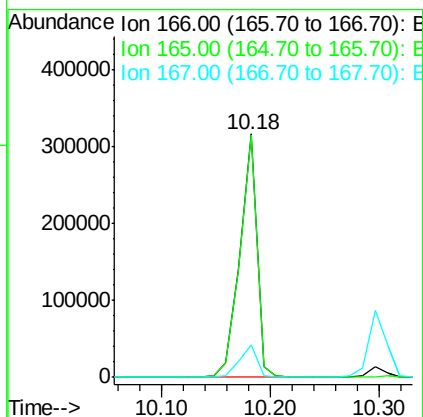
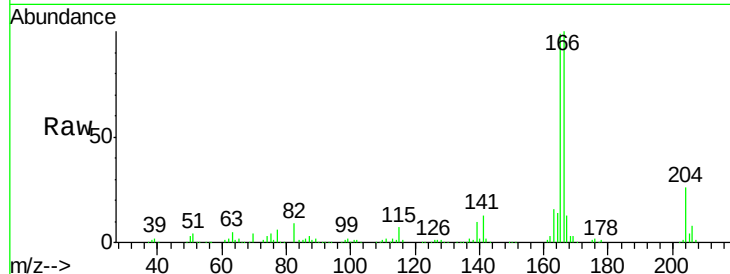




#57
 Fluorene
 Concen: 41.53 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

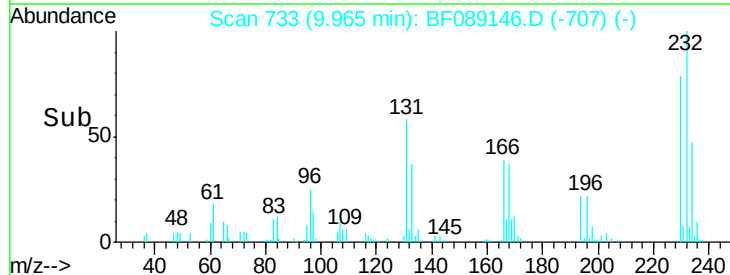
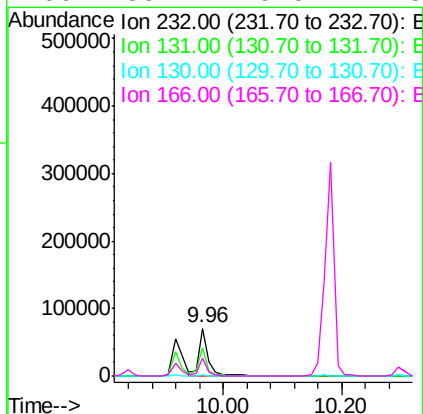
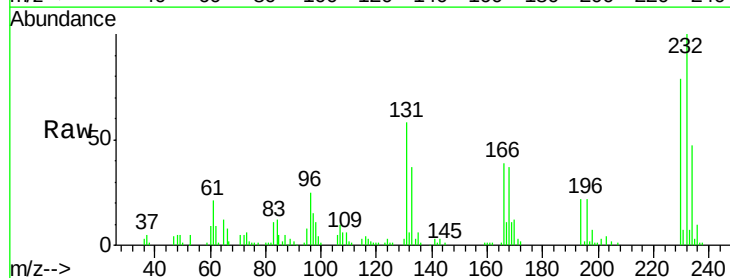
Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

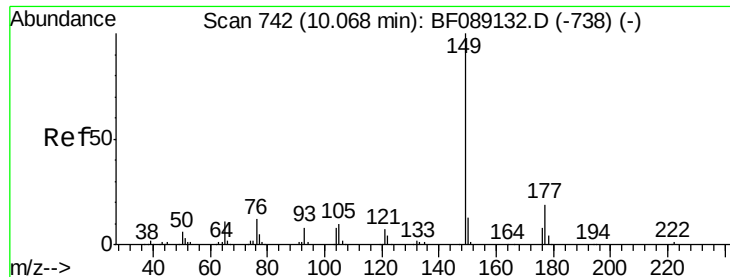
Tgt Ion:166 Resp: 341536
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.9 119.9
 167 13.1 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.28 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:232 Resp: 79877
 Ion Ratio Lower Upper
 232 100
 131 54.7 46.2 69.2
 130 2.6 2.3 3.5
 166 35.7 29.5 44.3

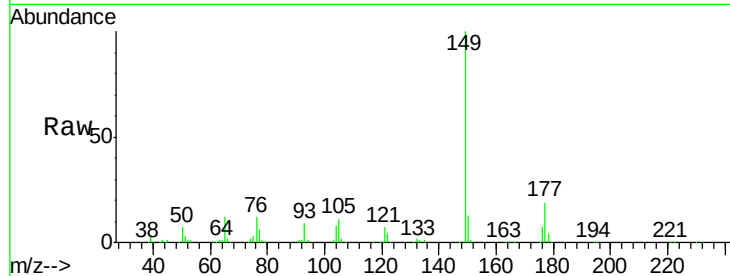




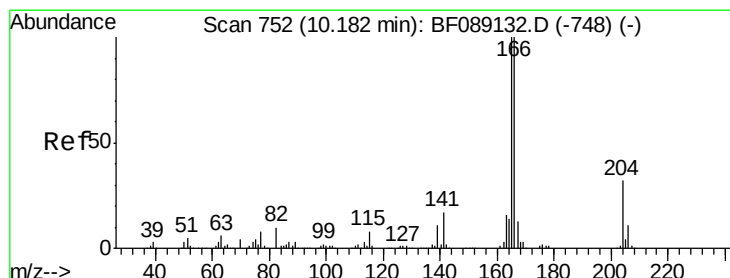
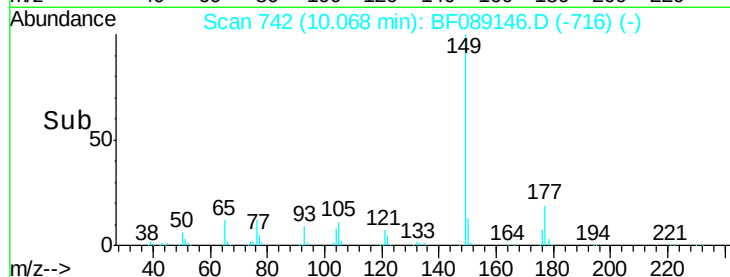
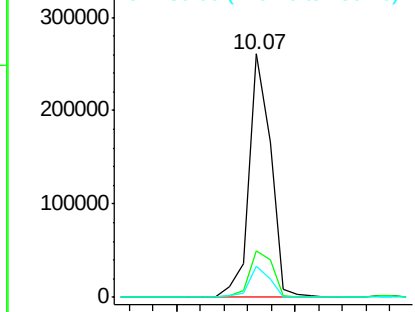
#59
Diethylphthalate
Concen: 39.06 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Instrument :
BNA_F
ClientSampleId :
PB92305BS

Tgt Ion:149 Resp: 334814
Ion Ratio Lower Upper
149 100
177 18.9 15.6 23.4
150 12.6 10.1 15.1

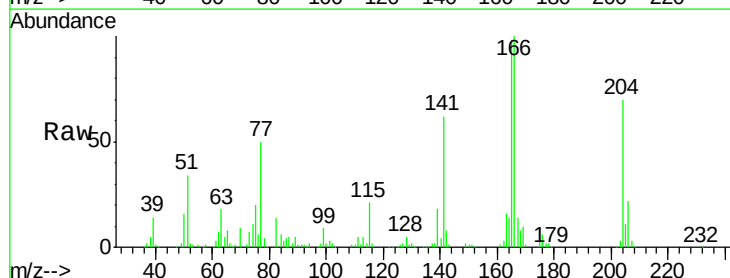


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

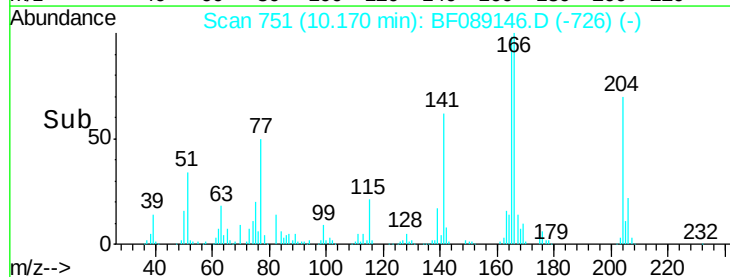
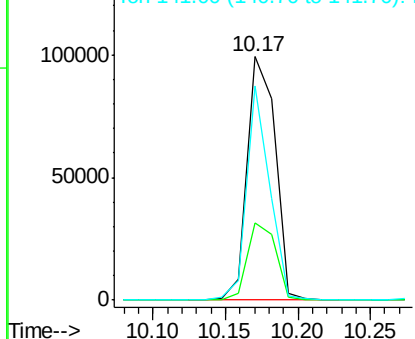


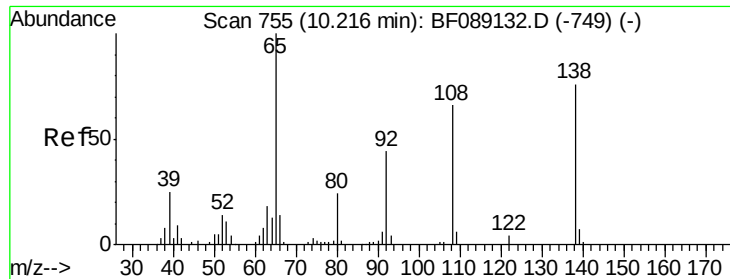
#60
4-Chlorophenyl-phenylether
Concen: 35.57 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:204 Resp: 133544
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 88.1 42.2 63.4#



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

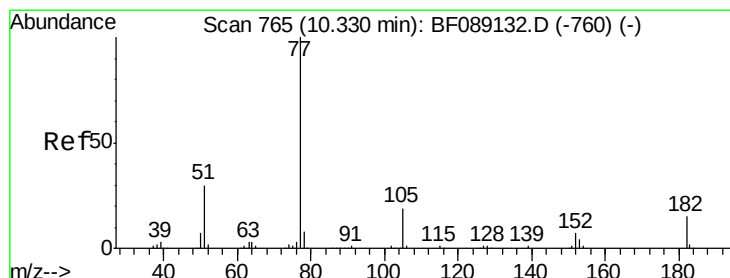
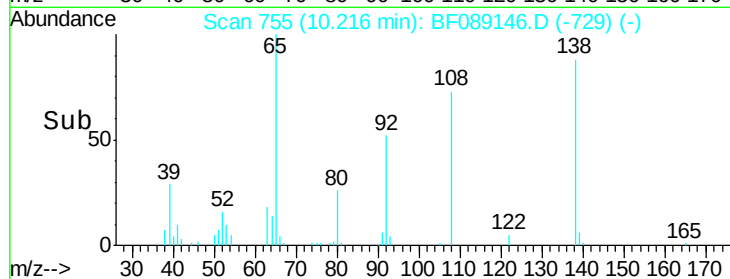
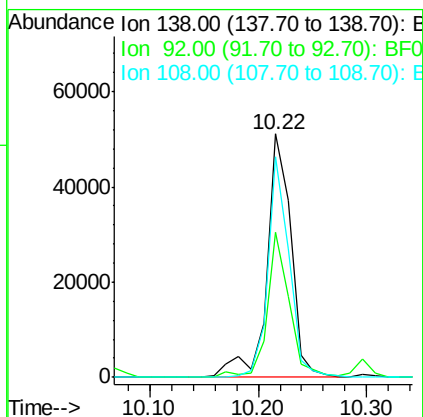
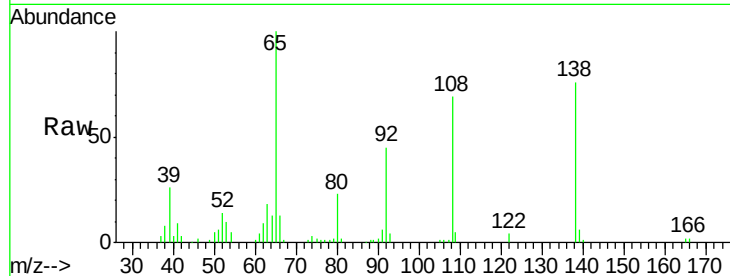




#61
4-Nitroaniline
Concen: 35.21 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

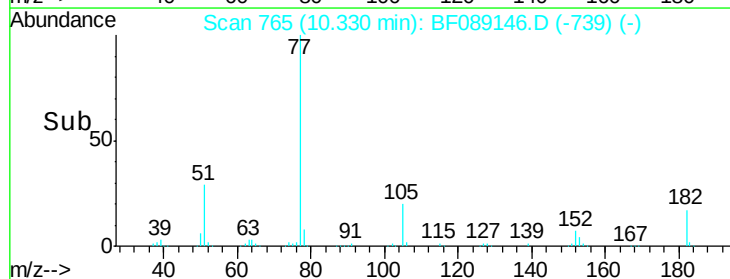
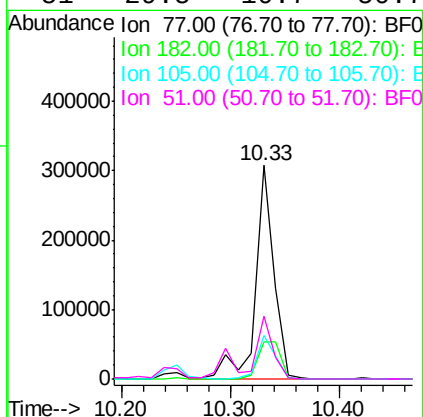
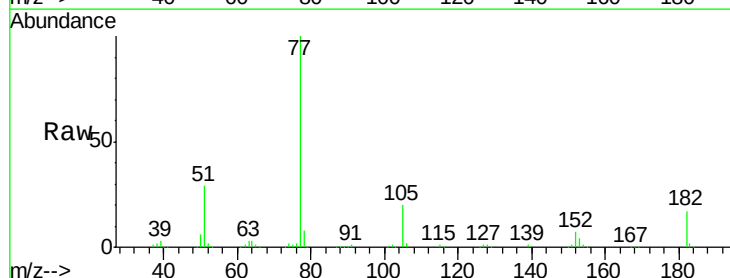
Instrument :
BNA_F
ClientSampleId :
PB92305BS

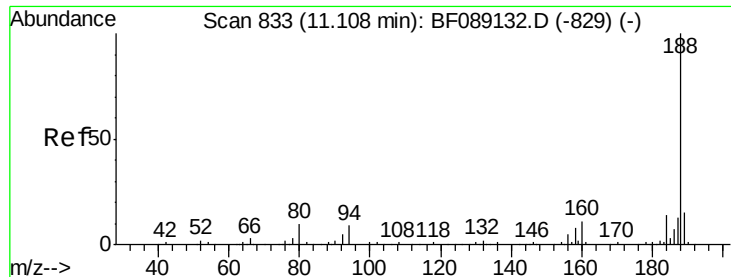
Tgt Ion:138 Resp: 79406
Ion Ratio Lower Upper
138 100
92 59.3 37.2 77.2
108 90.4 66.1 106.1



#62
Azobenzene
Concen: 39.54 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion: 77 Resp: 368340
Ion Ratio Lower Upper
77 100
182 17.3 0.0 35.0
105 20.4 0.0 39.4
51 29.5 10.7 50.7

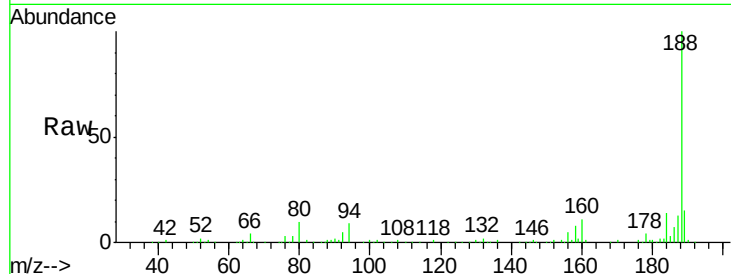




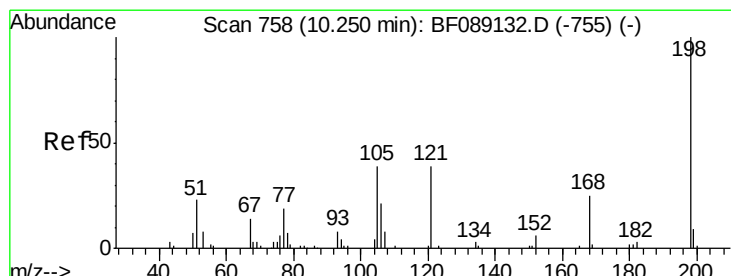
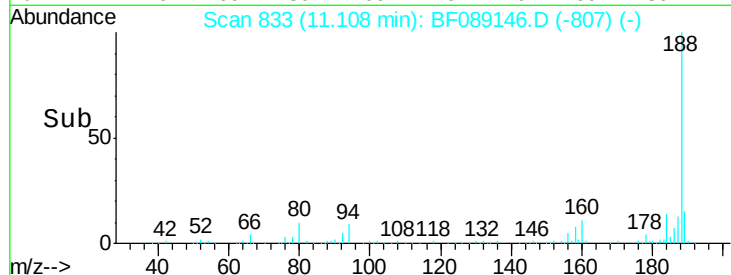
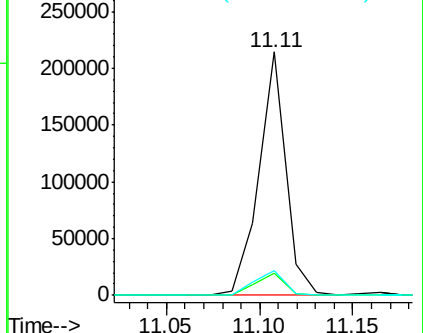
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Instrument :
BNA_F
ClientSampleId :
PB92305BS

Tgt Ion:188 Resp: 214547
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.9 7.7 11.5

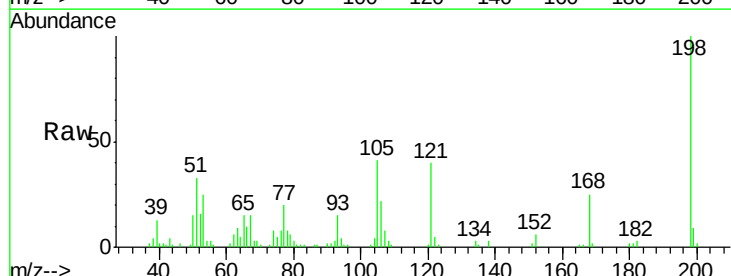


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

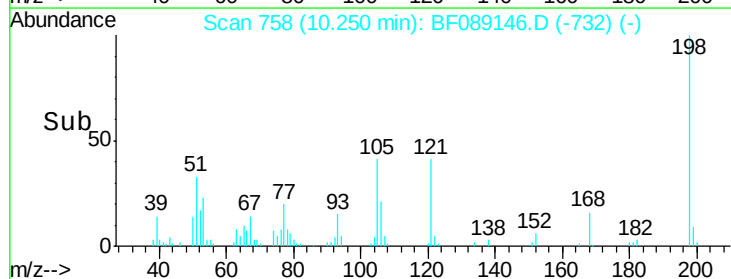
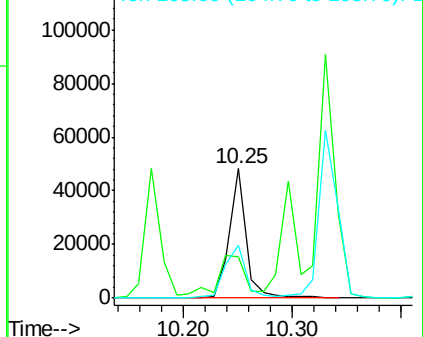


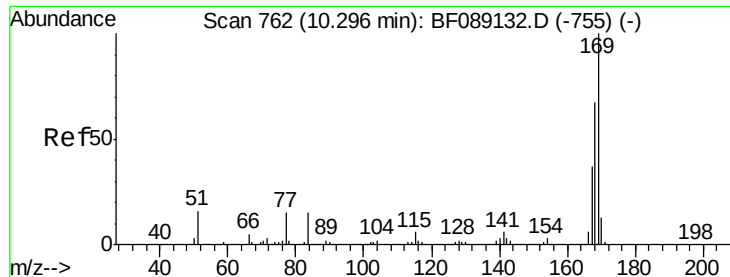
#64
4,6-Dinitro-2-methylphenol
Concen: 41.44 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion:198 Resp: 51763
Ion Ratio Lower Upper
198 100
51 32.5 11.7 51.7
105 40.6 20.3 60.3



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

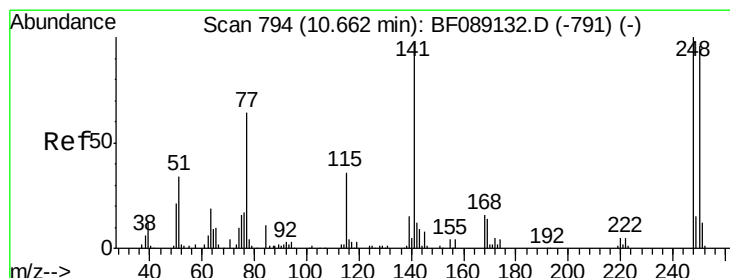
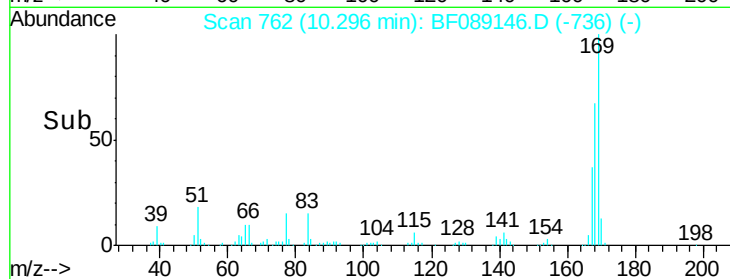
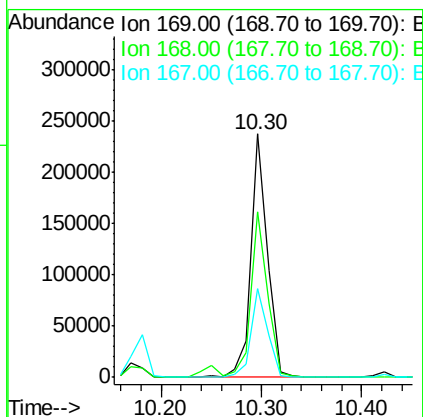
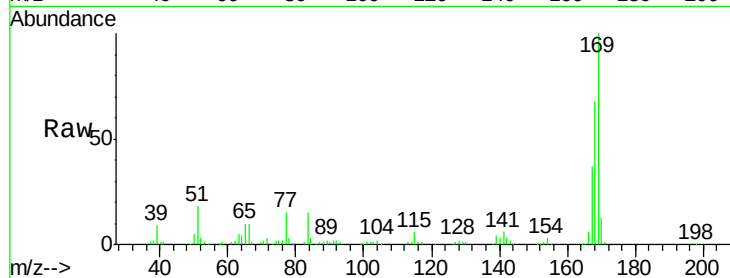




#65
 n-Nitrosodiphenylamine
 Concen: 37.75 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

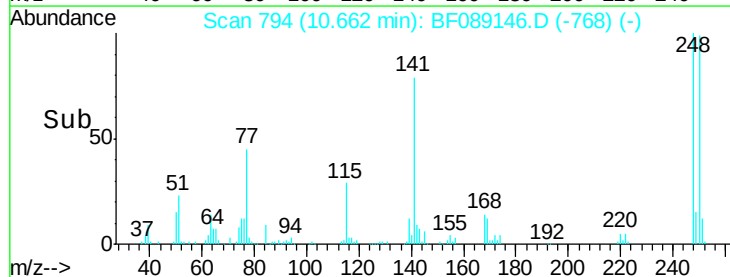
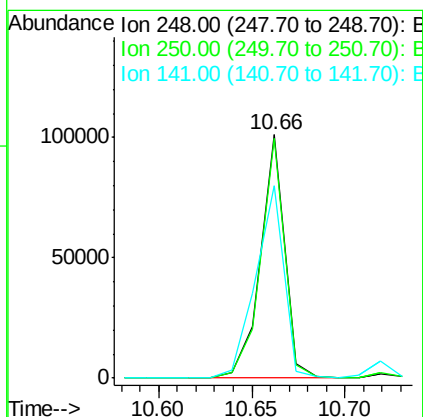
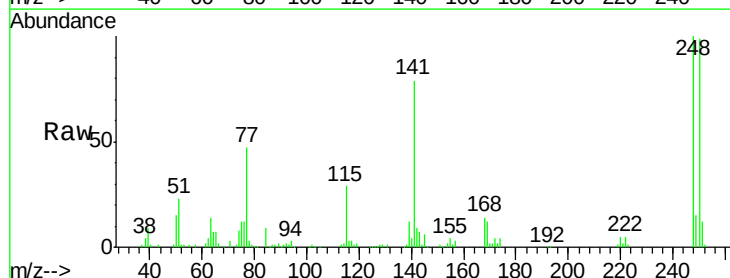
Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

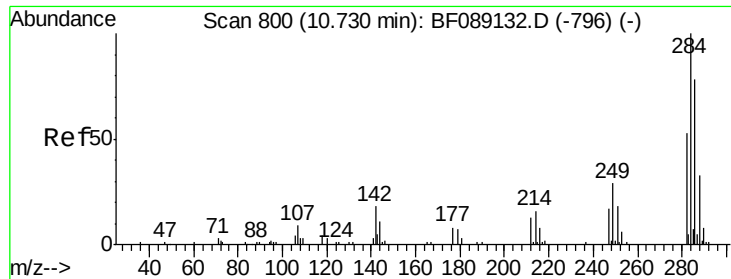
Tgt Ion:169 Resp: 270663
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.4 80.0
 167 36.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.28 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:248 Resp: 89773
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 79.0 77.4 116.2





#67

Hexachlorobenzene

Concen: 35.54 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

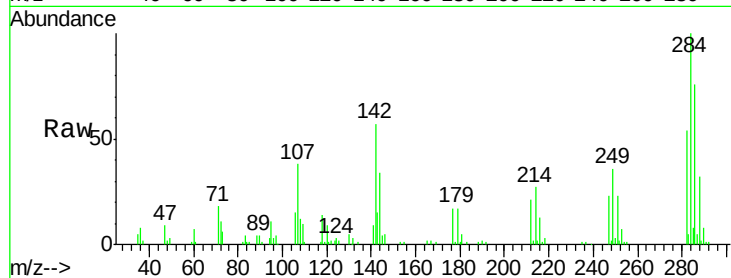
Tgt Ion:284 Resp: 81156

Ion Ratio Lower Upper

284 100

142 57.3 14.1 21.1#

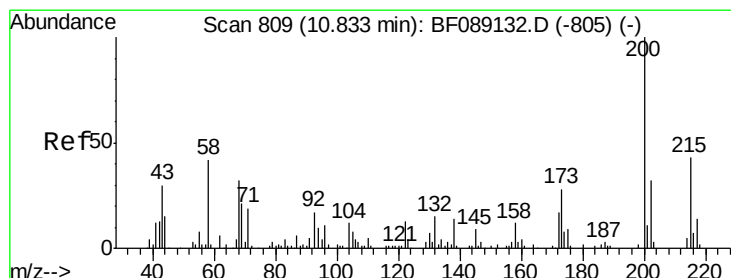
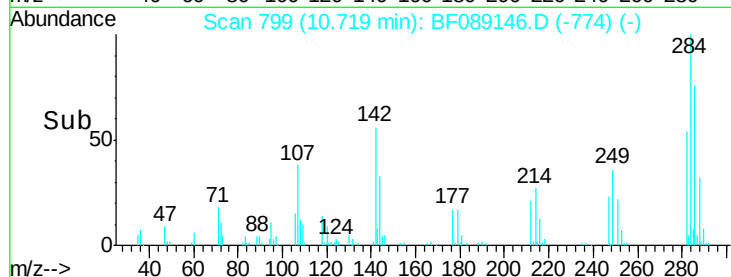
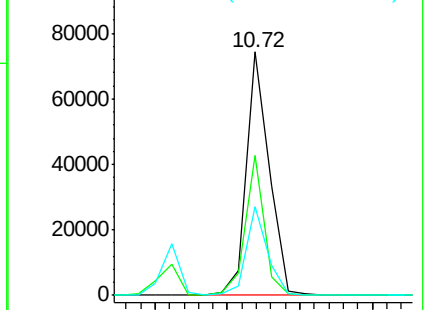
249 36.3 23.0 34.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.93 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

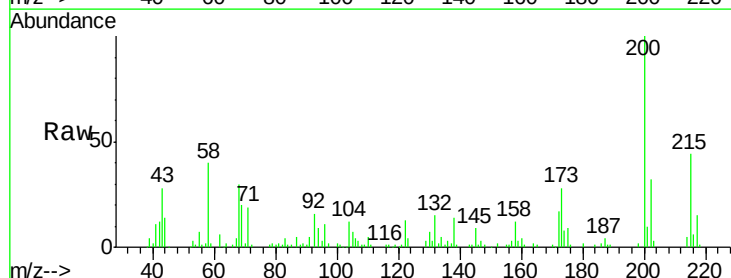
Tgt Ion:200 Resp: 94014

Ion Ratio Lower Upper

200 100

173 28.2 7.8 47.8

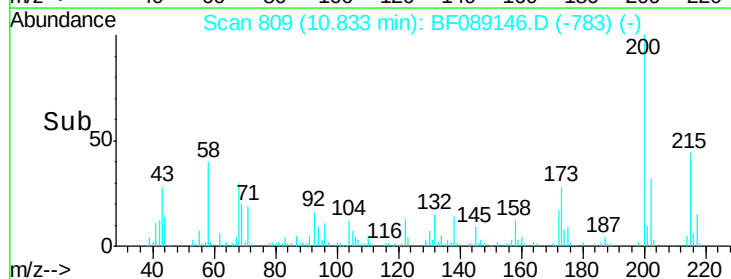
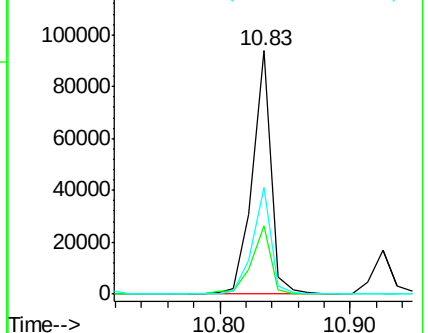
215 44.0 22.9 62.9

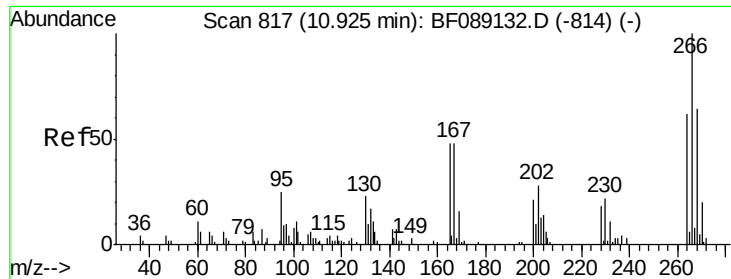


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

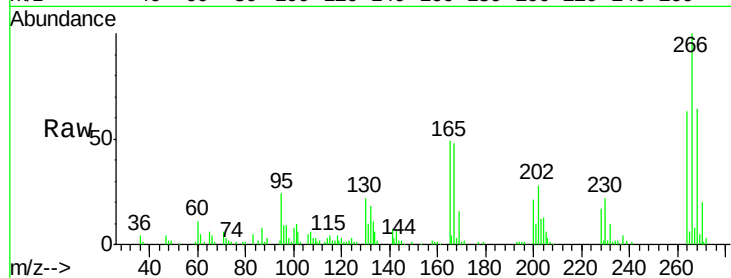




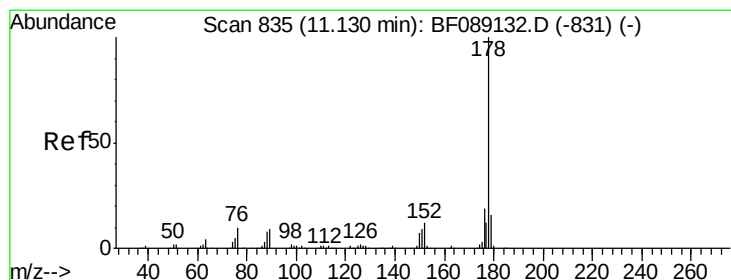
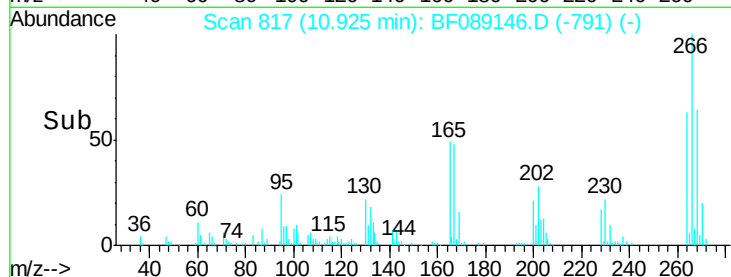
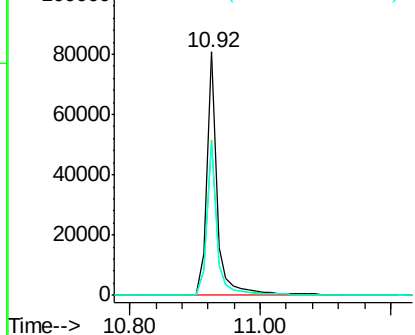
#69
 Pentachlorophenol
 Concen: 84.30 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:266 Resp: 88809
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 62.6 49.7 74.5

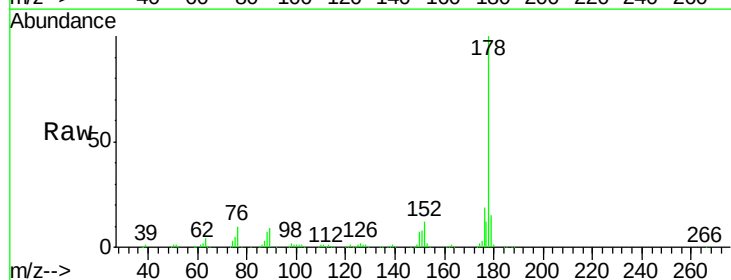


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

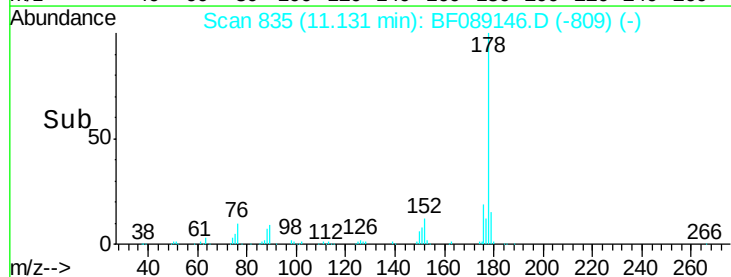
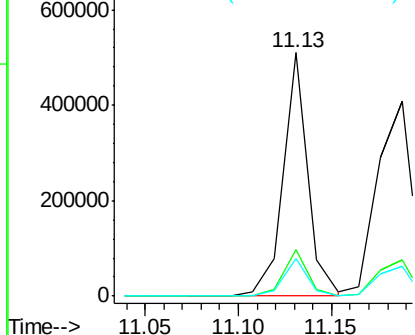


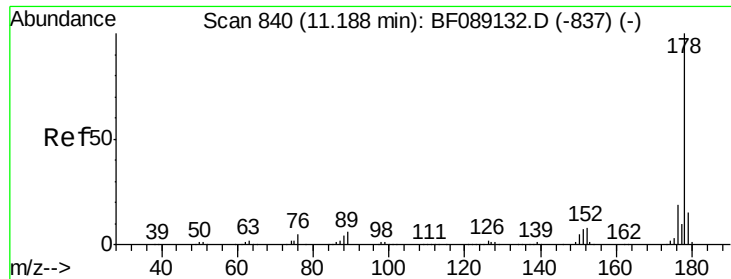
#70
 Phenanthrene
 Concen: 39.71 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:178 Resp: 467355
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.4 12.4 18.6



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

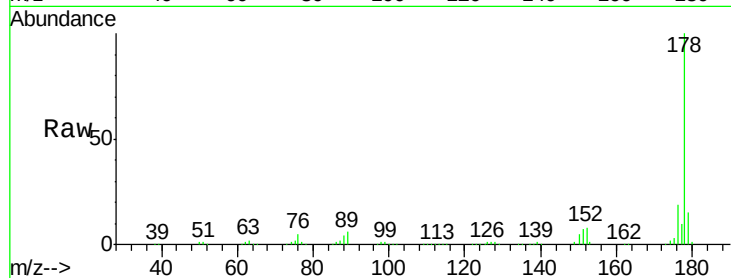




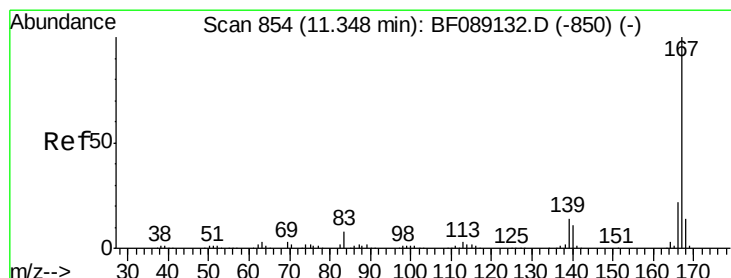
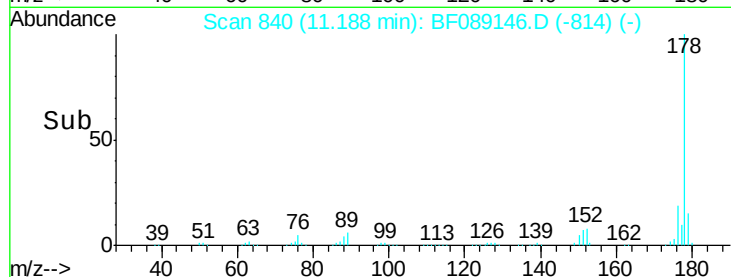
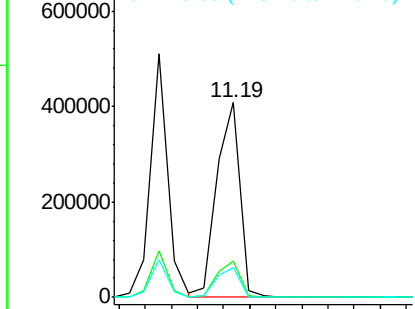
#71
 Anthracene
 Concen: 41.39 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:178 Resp: 506324
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 15.1 12.0 18.0

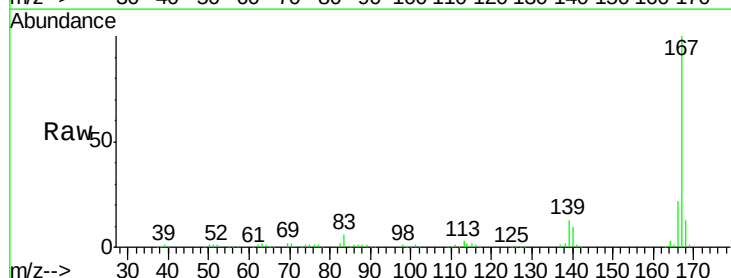


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

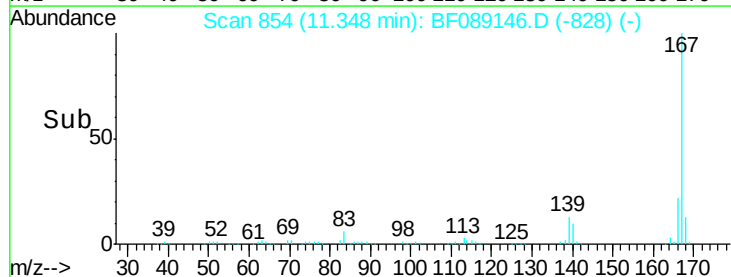
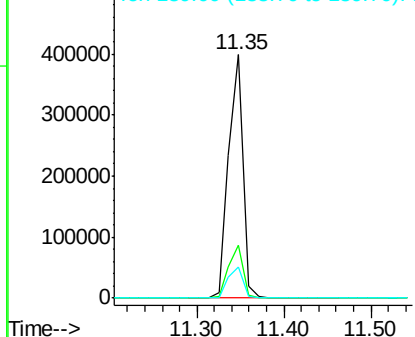


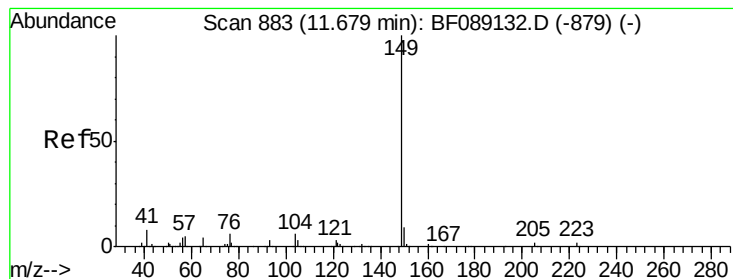
#72
 Carbazole
 Concen: 42.75 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:167 Resp: 459315
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.5 11.0 16.4



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: 39.38 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

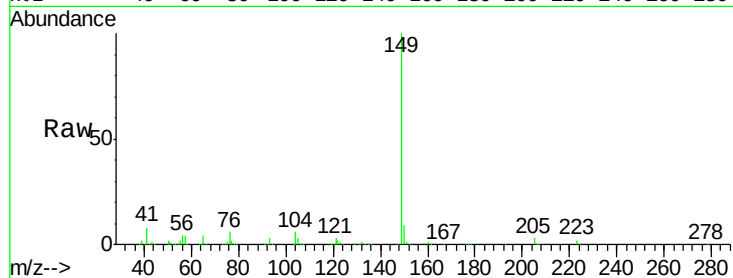
Tgt Ion:149 Resp: 523406

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

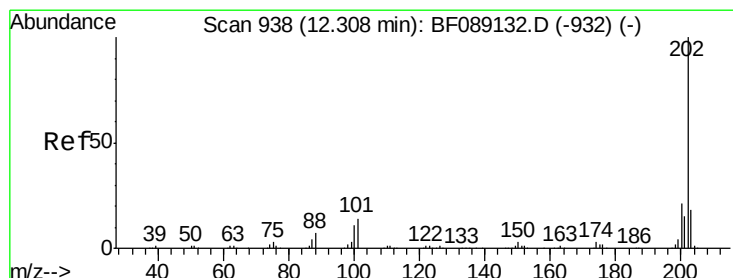
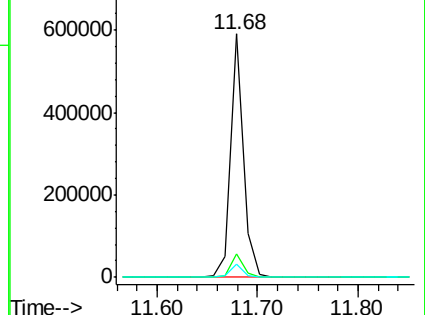
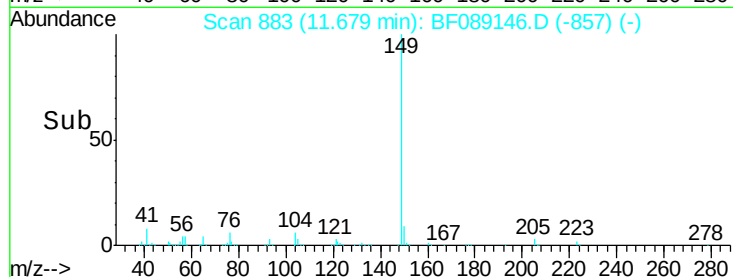
104 5.7 4.6 6.8



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: 39.02 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

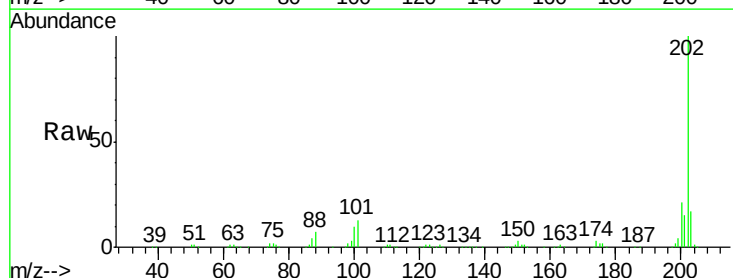
Tgt Ion:202 Resp: 482748

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.0

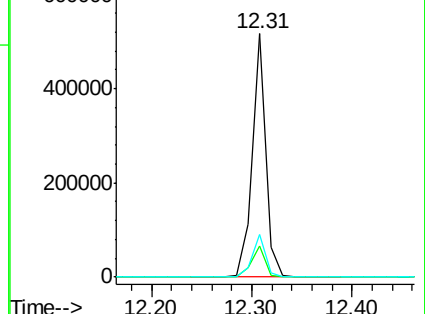
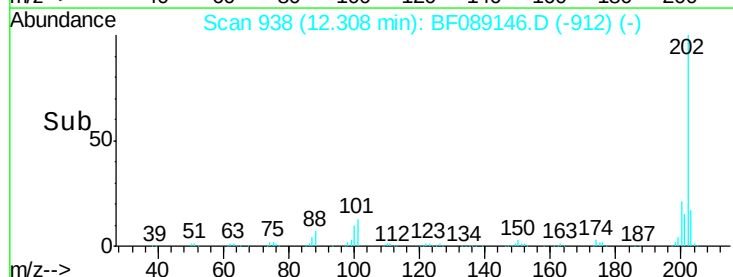
203 17.5 0.0 37.8

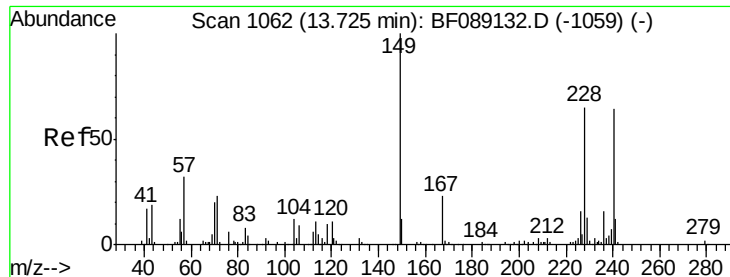


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

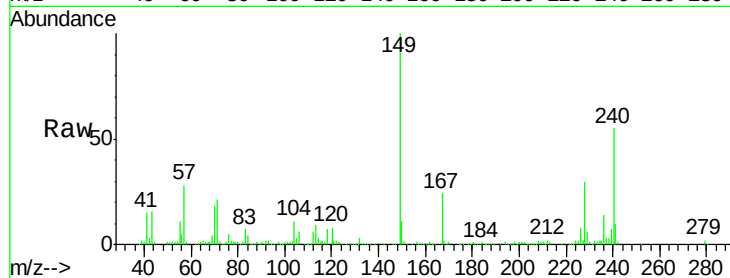
Tgt Ion:240 Resp: 157444

Ion Ratio Lower Upper

240 100

120 14.4 13.6 20.4

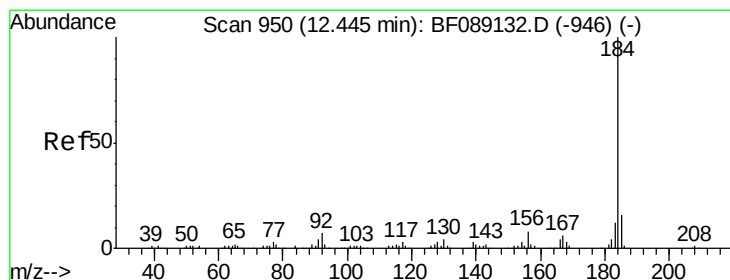
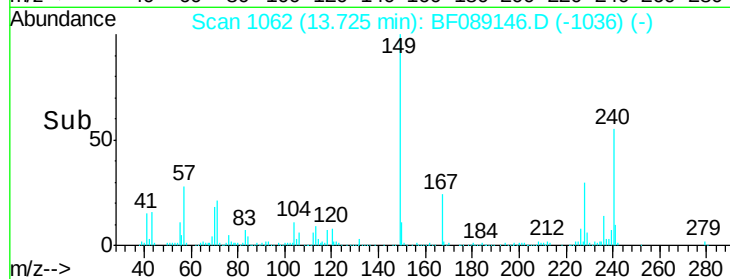
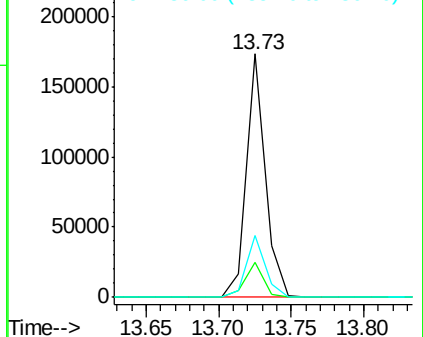
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.65 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

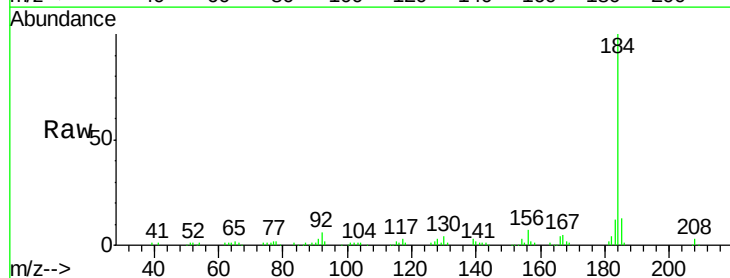
Tgt Ion:184 Resp: 176715

Ion Ratio Lower Upper

184 100

185 13.4 12.5 18.7

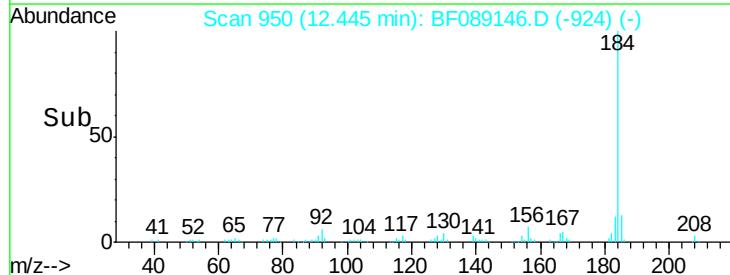
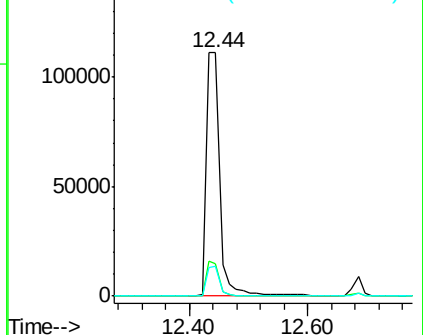
183 12.1 9.6 14.4

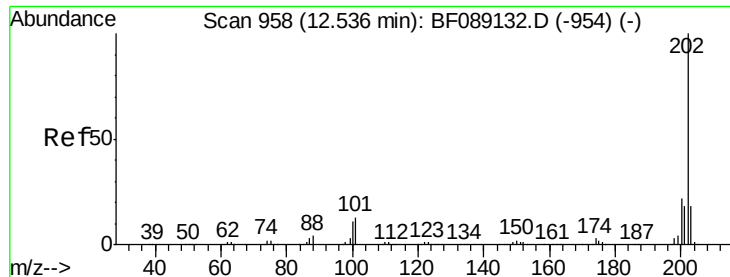


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.67 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

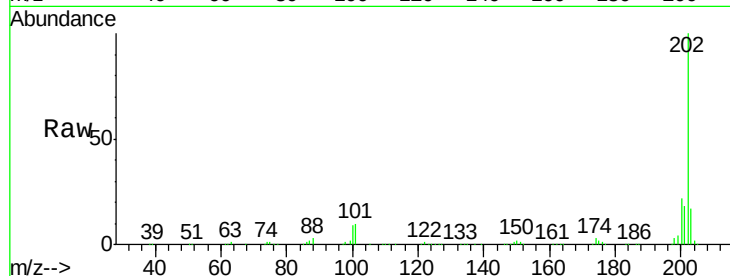
Tgt Ion:202 Resp: 515819

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

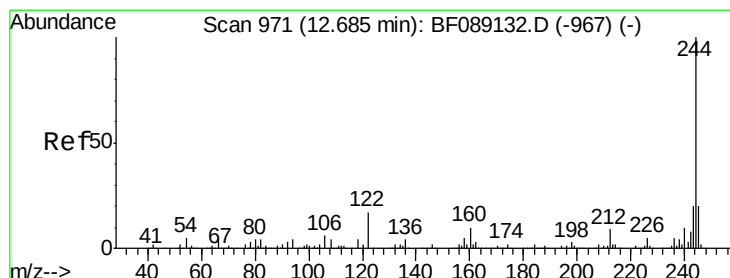
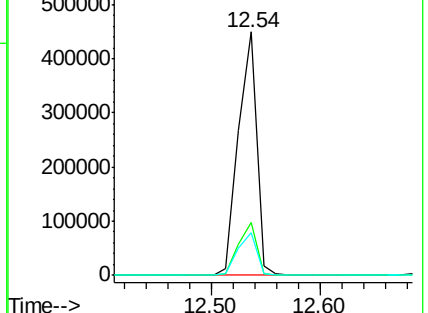
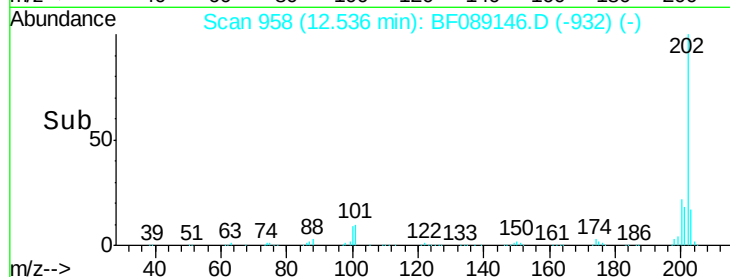
203 17.5 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.48 ng

RT: 12.68 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

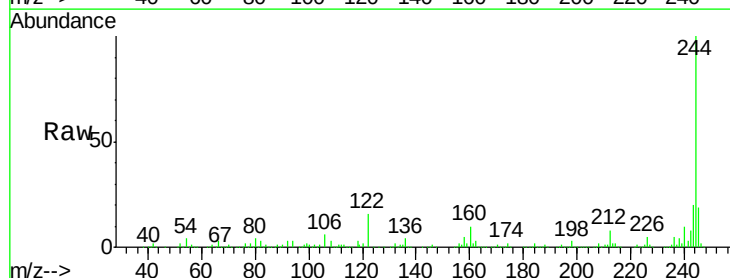
Tgt Ion:244 Resp: 540651

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

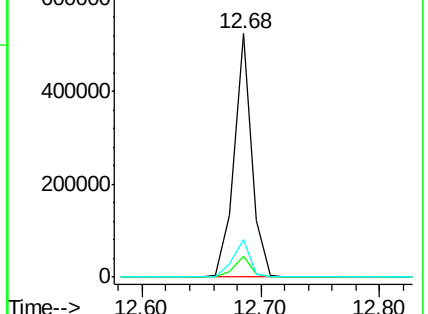
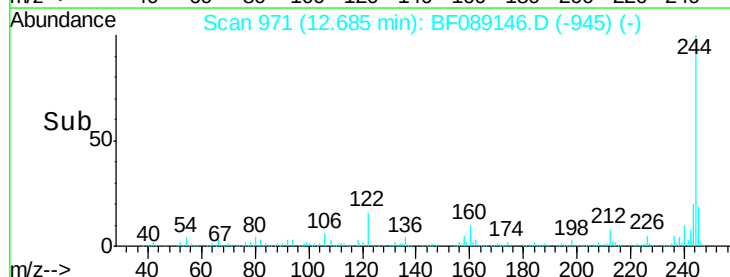
122 15.5 13.8 20.8

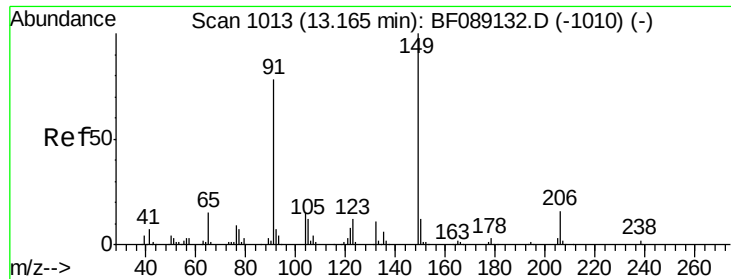


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

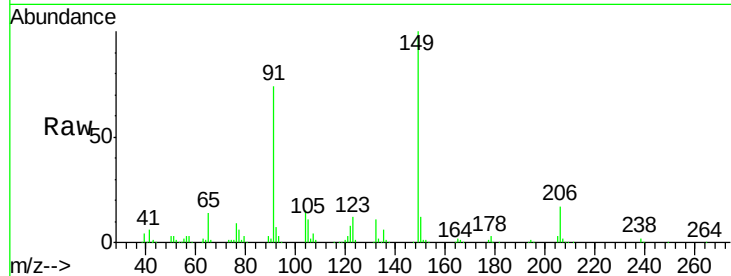




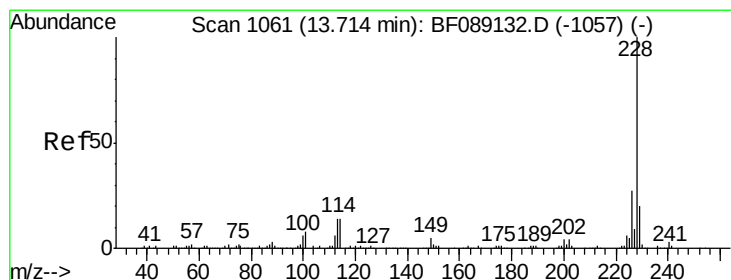
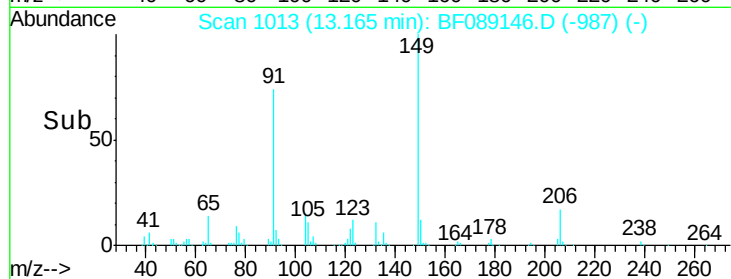
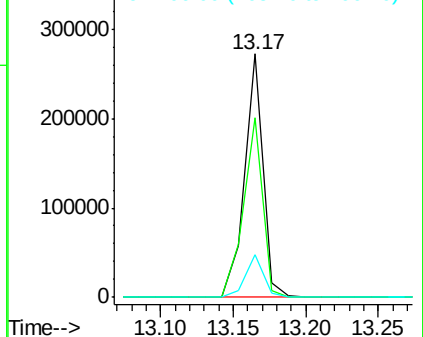
#79
Butylbenzylphthalate
Concen: 43.57 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Instrument :
BNA_F
ClientSampleId :
PB92305BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	62.6	93.8
206	17.3	13.2	19.8

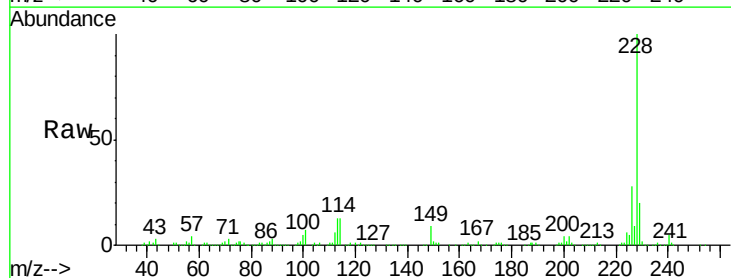


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

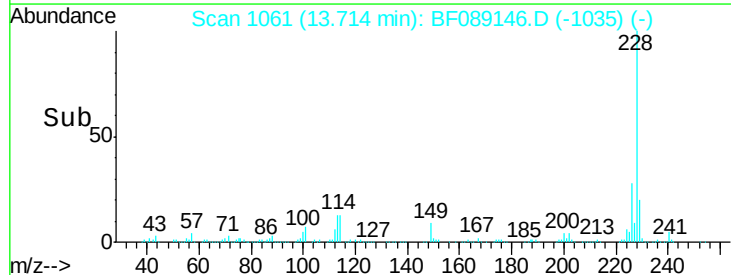
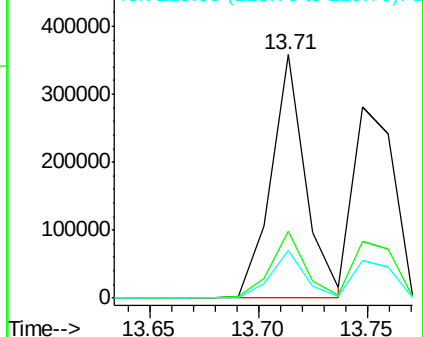


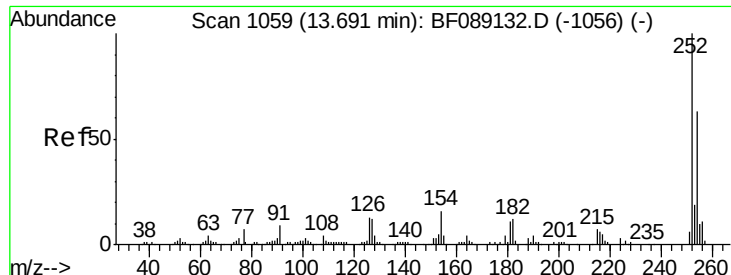
#80
Benzo(a)anthracene
Concen: 39.66 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.8	15.8	23.8



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

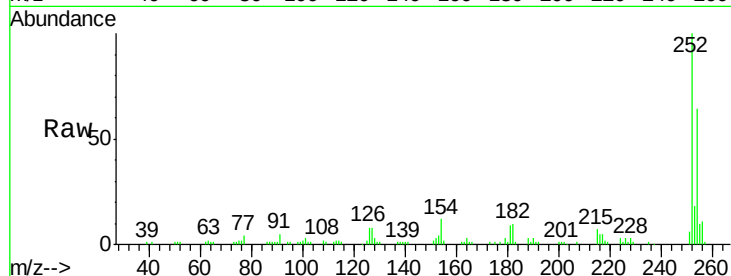




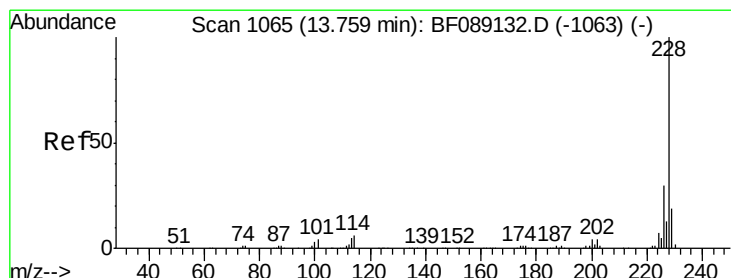
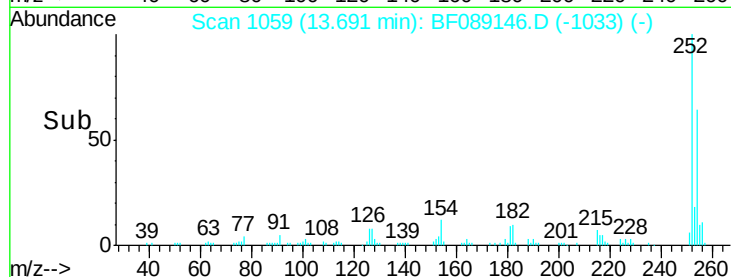
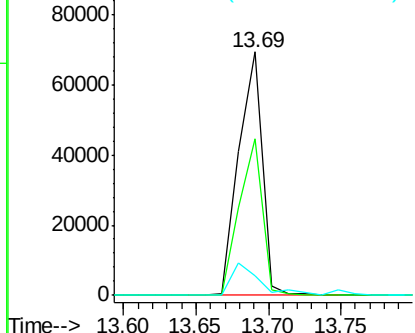
#81
 3,3'-Dichlorobenzidine
 Concen: 23.63 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

Tgt Ion:252 Resp: 78611
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 8.2 10.2 15.2#

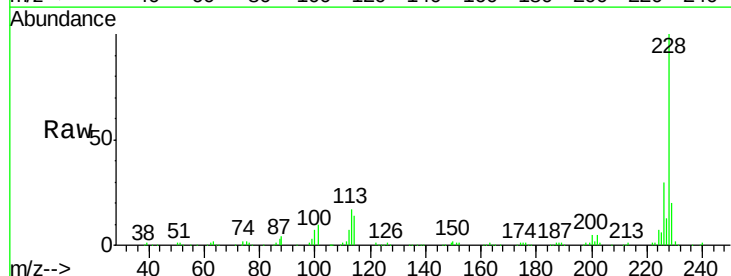


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

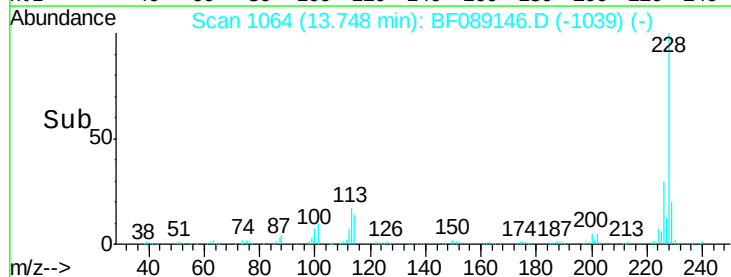
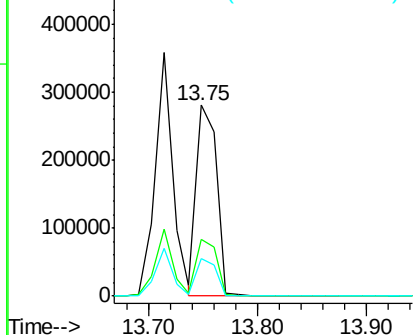


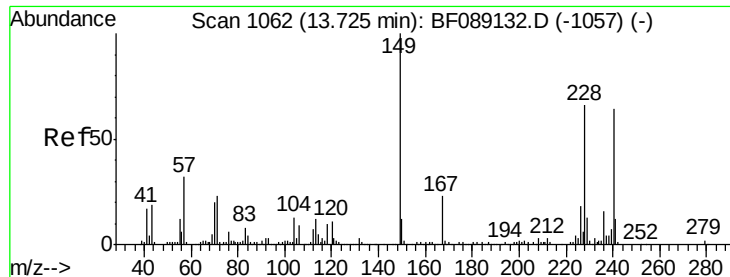
#82
 Chrysene
 Concen: 38.18 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:228 Resp: 365653
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.8 35.8
 229 19.5 15.4 23.0



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

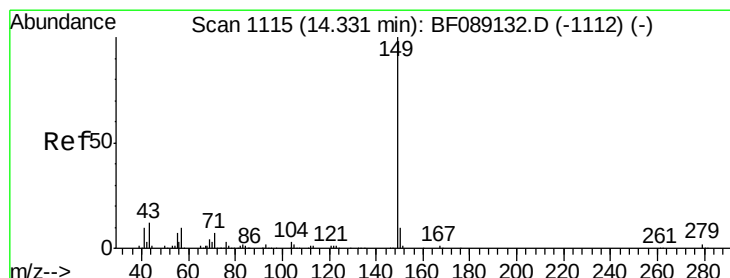
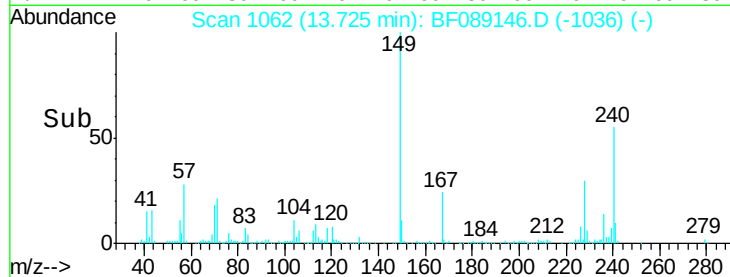
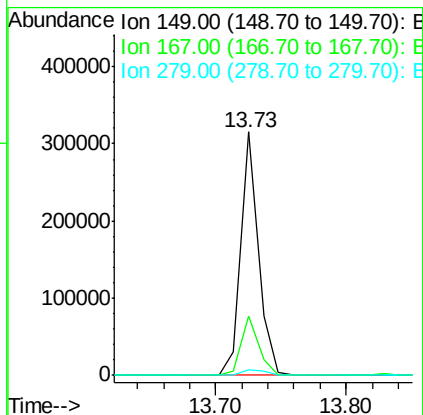
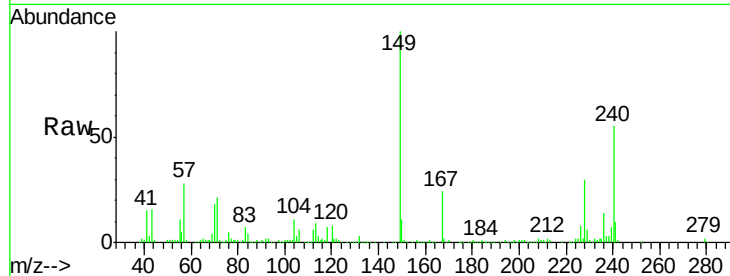




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.26 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

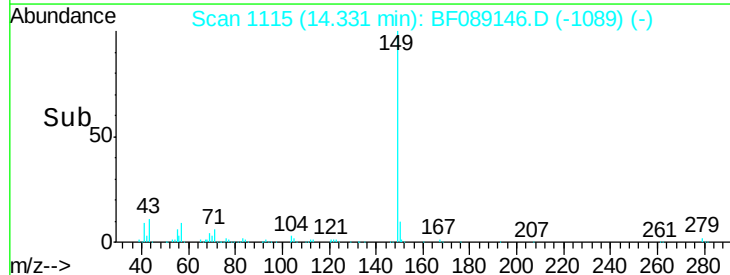
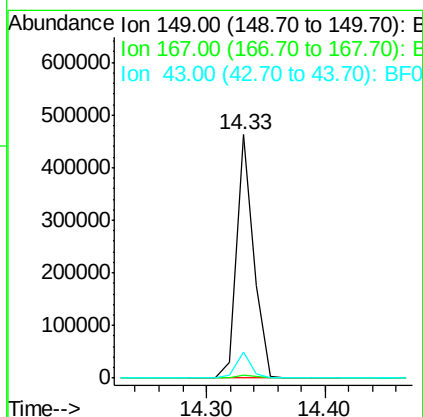
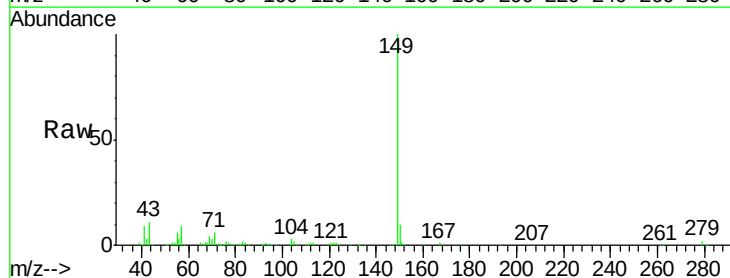
Instrument :
 BNA_F
 ClientSampleId :
 PB92305BS

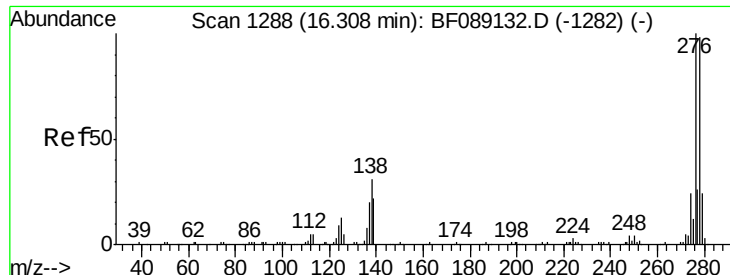
Tgt Ion:149 Resp: 293724
 Ion Ratio Lower Upper
 149 100
 167 24.1 18.6 28.0
 279 2.2 1.6 2.4



#84
 Di-n-octyl phthalate
 Concen: 38.30 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089146.D
 Acq: 20 Jul 2016 22:23

Tgt Ion:149 Resp: 461065
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.76 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

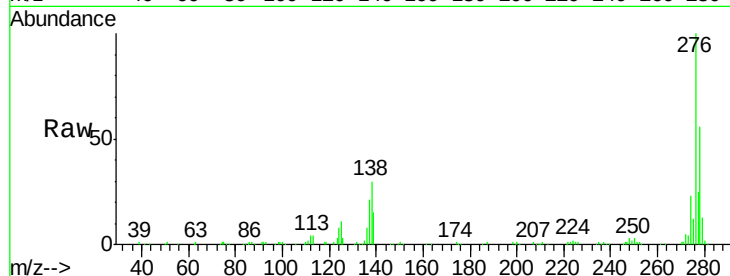
Tgt Ion:276 Resp: 290522

Ion Ratio Lower Upper

276 100

138 29.4 23.7 35.5

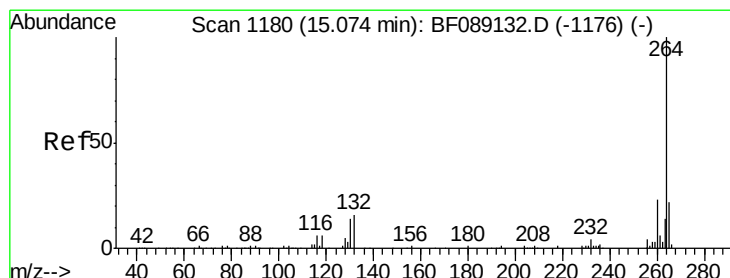
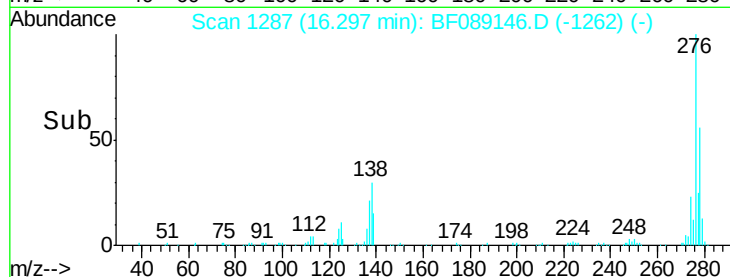
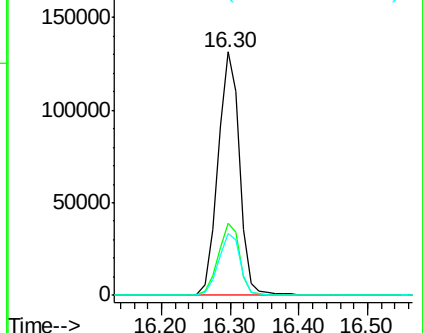
277 25.6 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

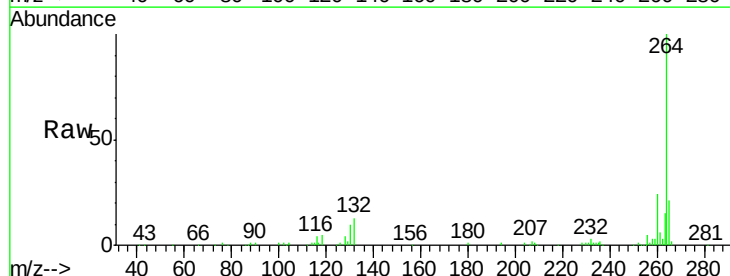
Tgt Ion:264 Resp: 132833

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

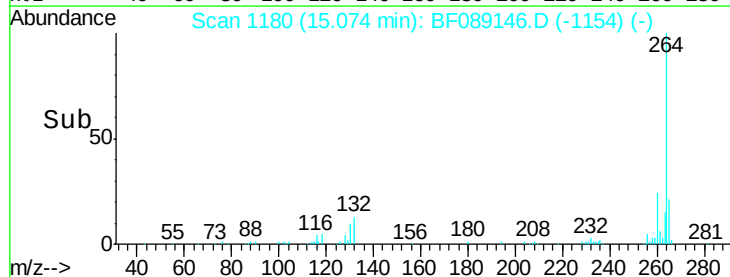
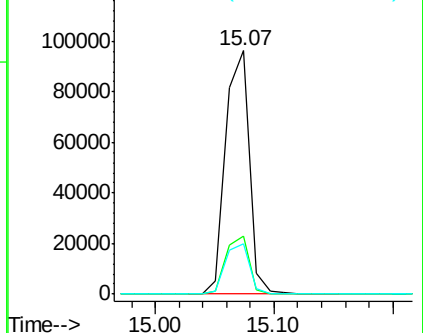
265 20.9 17.3 25.9

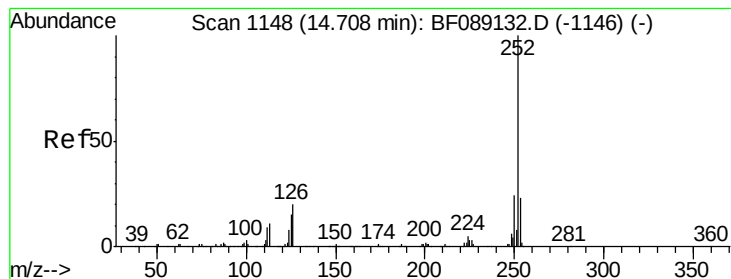


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 68.57 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

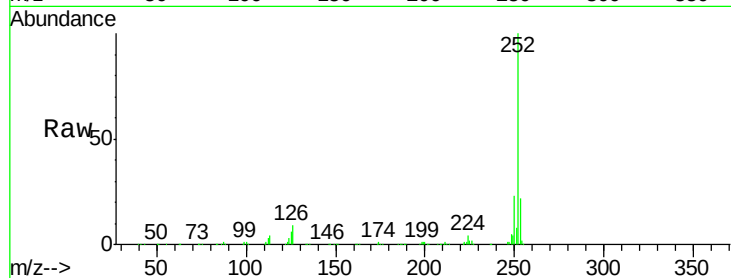
Tgt Ion:252 Resp: 659710

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

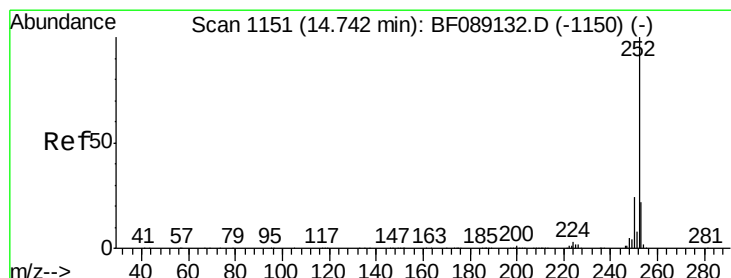
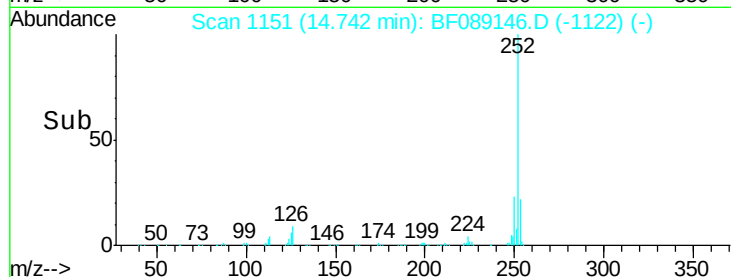
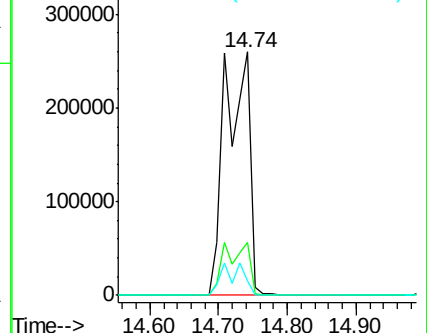
125 6.2 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 95.89 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

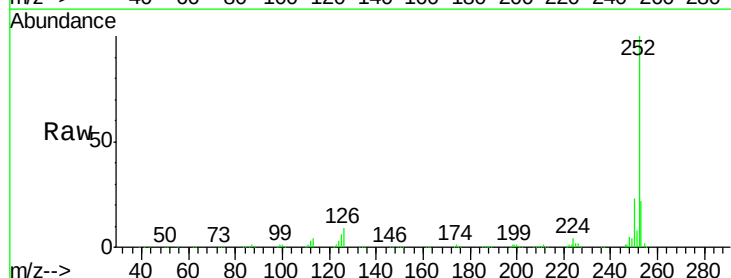
Tgt Ion:252 Resp: 659710

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

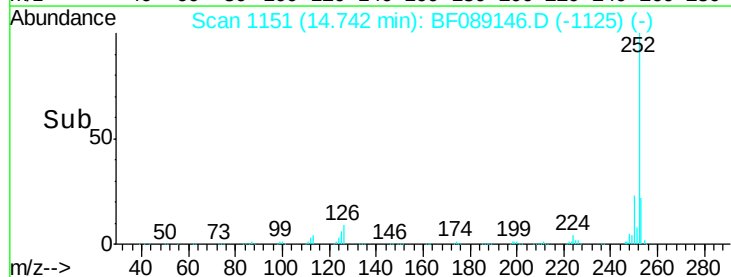
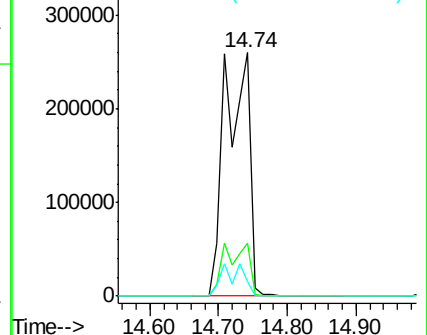
125 6.2 6.3 9.5#

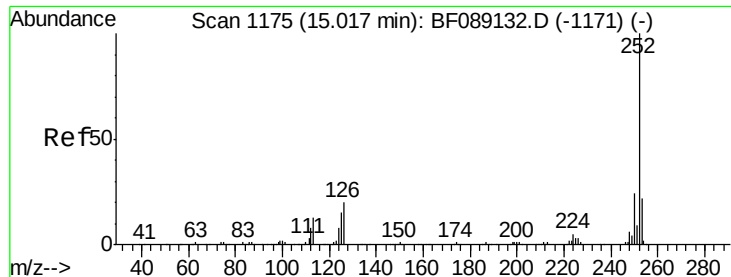


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

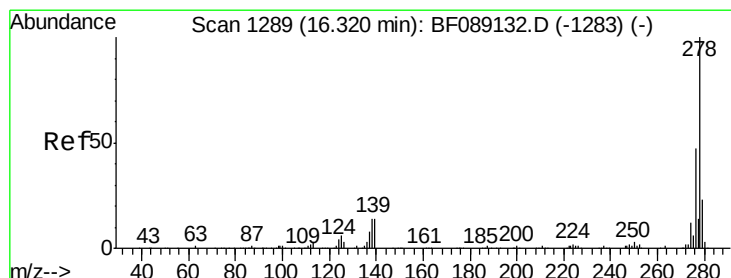
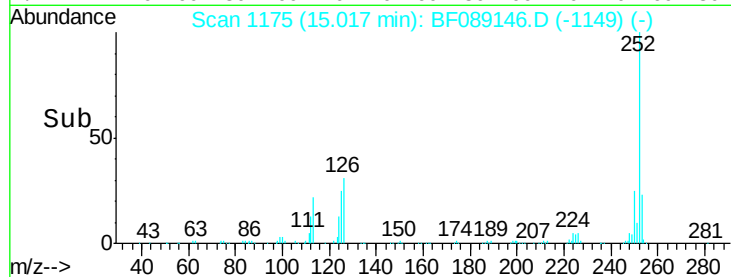
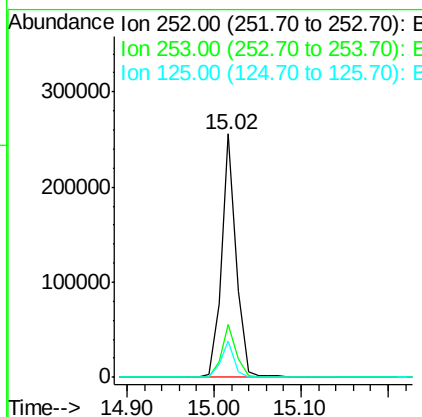
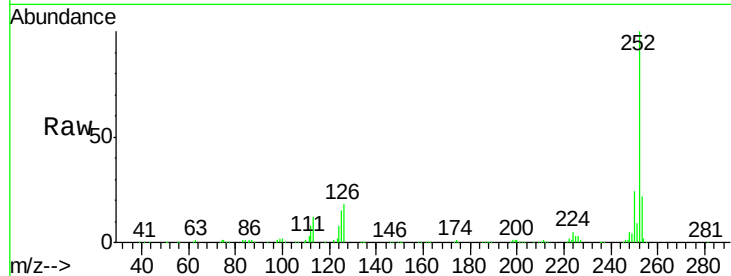




#89
Benzo(a)pyrene
Concen: 40.21 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

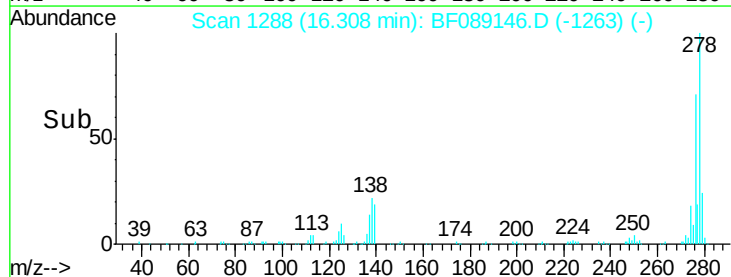
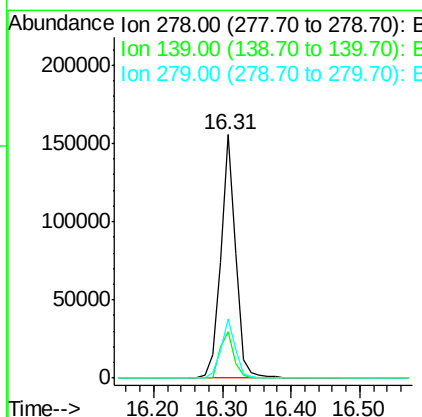
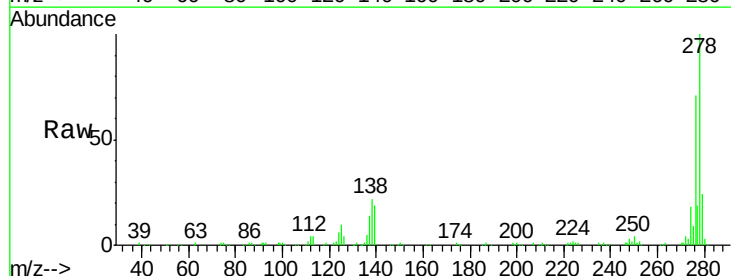
Instrument :
BNA_F
ClientSampleId :
PB92305BS

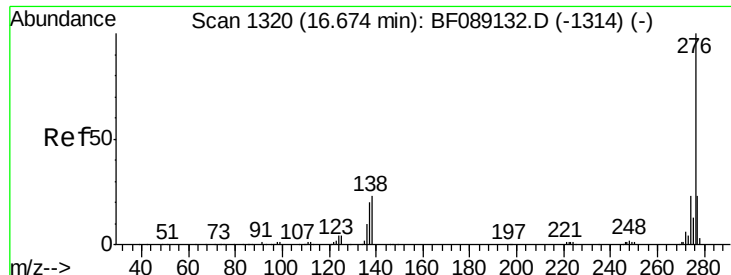
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	14.8	12.4	18.6



#90
Dibenzo(a,h)anthracene
Concen: 40.46 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF089146.D
Acq: 20 Jul 2016 22:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	11.4	17.2#
279	24.1	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 40.05 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089146.D

Acq: 20 Jul 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB92305BS

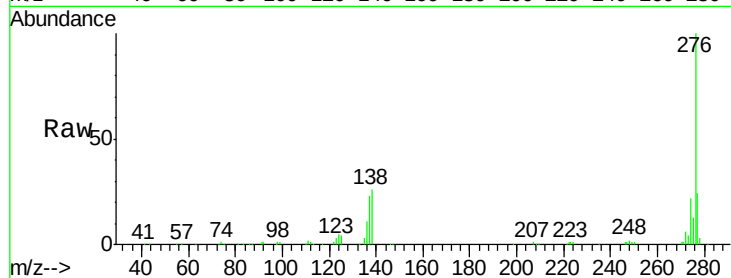
Tgt Ion: 276 Resp: 238154

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 25.6 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

