

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089218.D
 Acq On : 23 Jul 2016 4:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 25 00:57:22 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	6.58	152	45458	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	185295	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	88781	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	173471	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	117103	20.00	ng	-0.01
86) Perylene-d12	15.05	264	90583	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	226060	75.63	ng	-0.03
7) Phenol-d6	6.24	99	296979	77.05	ng	-0.03
23) Nitrobenzene-d5	7.15	82	279112	80.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	61334	76.73	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	539338	83.70	ng	-0.02
78) Terphenyl-d14	12.67	244	456870	84.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	53230	41.01	ng	99
3) Pyridine	2.62	79	123623	37.50	ng	94
4) n-Nitrosodimethylamine	2.58	42	47405	34.16	ng	90
6) Aniline	6.24	93	187612	36.02	ng	98
8) 2-Chlorophenol	6.36	128	134337	40.50	ng	91
9) Benzaldehyde	6.12	77	69837	32.94	ng	95
10) Phenol	6.25	94	176286	39.70	ng	# 73
11) bis(2-Chloroethyl)ether	6.33	93	135658	40.68	ng	100
12) 1,3-Dichlorobenzene	6.51	146	134405	36.70	ng	97
13) 1,4-Dichlorobenzene	6.59	146	146860	39.81	ng	98
14) 1,2-Dichlorobenzene	6.75	146	145055	41.71	ng	99
15) Benzyl Alcohol	6.74	79	98159	34.77	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	155326	40.88	ng	# 72
17) 2-Methylphenol	6.87	107	94928	36.34	ng	93
18) Hexachloroethane	7.08	117	55013	39.68	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	96696	38.36	ng	99
20) 3+4-Methylphenols	7.02	107	132510	37.36	ng	# 80
22) Acetophenone	7.00	105	199824	40.38	ng	99
24) Nitrobenzene	7.18	77	147479	40.10	ng	98
25) Isophorone	7.42	82	252754	39.32	ng	99
26) 2-Nitrophenol	7.50	139	64277	37.47	ng	# 79
27) 2,4-Dimethylphenol	7.54	122	106198	36.74	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	165638	41.20	ng	99
29) 2,4-Dichlorophenol	7.74	162	107816	41.39	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	116189	40.30	ng	99
31) Naphthalene	7.88	128	367921	36.79	ng	99
32) Benzoic acid	7.70	122	81320	36.59	ng	94
33) 4-Chloroaniline	7.95	127	164310	39.07	ng	98
34) Hexachlorobutadiene	8.01	225	63489	39.56	ng	99
35) Caprolactam	8.33	113	31929	39.47	ng	# 81
36) 4-Chloro-3-methylphenol	8.44	107	128044	40.80	ng	97
37) 2-Methylnaphthalene	8.58	142	253242	39.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	127710	38.70	ng	98
40) Hexachlorocyclopentadiene	8.73	237	32257	34.57	ng	99

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 QLast Update : Wed Jul 20 19:03:15 2016
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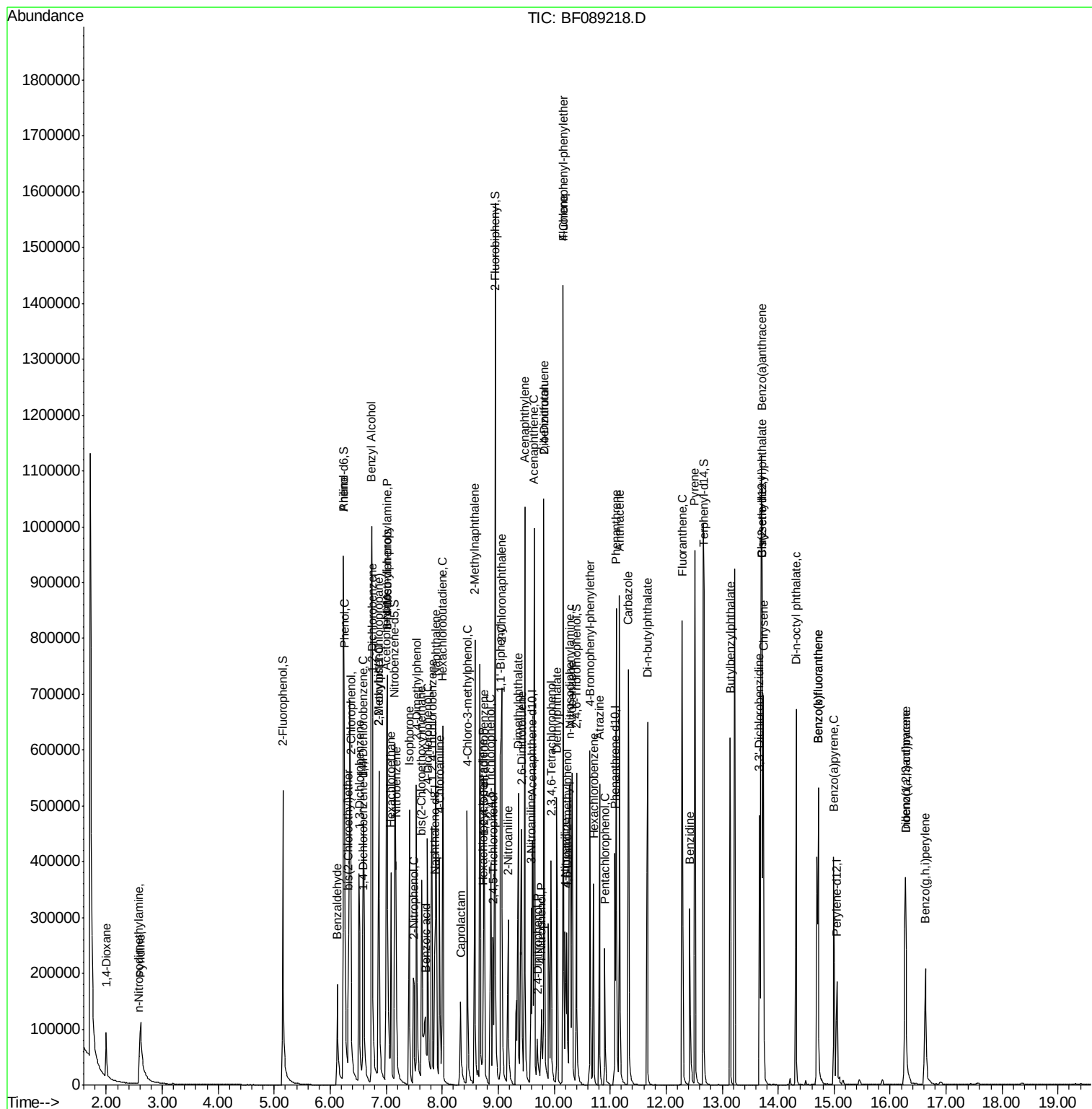
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67170	36.37	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	72906	39.33	ng	97
45) 1,1'-Biphenyl	9.05	154	310422	38.83	ng	95
46) 2-Chloronaphthalene	9.06	162	237018	39.01	ng	100
47) 2-Nitroaniline	9.18	65	79064	37.93	ng	# 74
48) Acenaphthylene	9.47	152	379751	39.76	ng	100
49) Dimethylphthalate	9.36	163	277493	40.73	ng	99
50) 2,6-Dinitrotoluene	9.42	165	60714	39.47	ng	# 86
51) Acenaphthene	9.64	154	216644	38.34	ng	99
52) 3-Nitroaniline	9.59	138	71121	38.94	ng	91
53) 2,4-Dinitrophenol	9.70	184	18240	29.31	ng	89
54) Dibenzofuran	9.82	168	300388	39.34	ng	98
55) 4-Nitrophenol	9.77	139	29030	26.27	ng	98
56) 2,4-Dinitrotoluene	9.82	165	76618	38.67	ng	91
57) Fluorene	10.16	166	264355	40.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	59093	44.38	ng	90
59) Diethylphthalate	10.04	149	260633	38.58	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	119686	40.45	ng	# 88
61) 4-Nitroaniline	10.19	138	70689	39.77	ng	94
62) Azobenzene	10.32	77	289733	39.46	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	39586	39.20	ng	83
65) n-Nitrosodiphenylamine	10.28	169	225698	38.93	ng	97
66) 4-Bromophenyl-phenylether	10.64	248	68000	39.61	ng	# 88
67) Hexachlorobenzene	10.71	284	71187	38.56	ng	# 94
68) Atrazine	10.81	200	67193	37.06	ng	99
69) Pentachlorophenol	10.90	266	32811	38.52	ng	98
70) Phenanthrene	11.11	178	359126	37.74	ng	100
71) Anthracene	11.16	178	411151	41.57	ng	100
72) Carbazole	11.32	167	356622	41.05	ng	100
73) Di-n-butylphthalate	11.67	149	444535	41.37	ng	# 98
74) Fluoranthene	12.29	202	379337	37.92	ng	100
76) Benzidine	12.42	184	153897	38.23	ng	99
77) Pyrene	12.51	202	407333	42.12	ng	100
79) Butylbenzylphthalate	13.14	149	167263	40.89	ng	92
80) Benzo(a)anthracene	13.70	228	287258	38.52	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	100395	40.58	ng	98
82) Chrysene	13.74	228	303542	42.61	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	229634	42.32	ng	# 94
84) Di-n-octyl phthalate	14.32	149	356988	39.87	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	194310	37.55	ng	100
87) Benzo(b)fluoranthene	14.72	252	468257	71.37	ng	# 94
88) Benzo(k)fluoranthene	14.72	252	468257	99.81	ng	# 98
89) Benzo(a)pyrene	14.99	252	207831	40.81	ng	100
90) Dibenzo(a,h)anthracene	16.27	278	168677	41.94	ng	# 92
91) Benzo(g,h,i)perylene	16.63	276	169343	41.76	ng	97

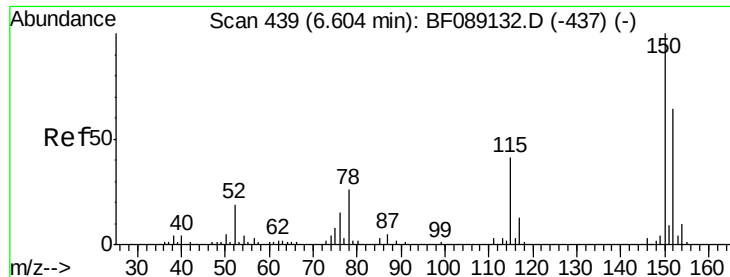
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040
Misc      :
ALS Vial   : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

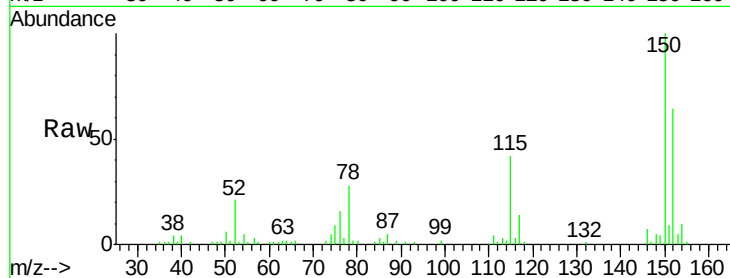
Tgt Ion:152 Resp: 45458

Ion Ratio Lower Upper

152 100

150 156.6 125.1 187.7

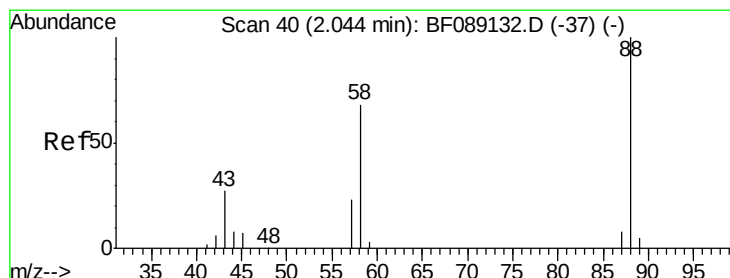
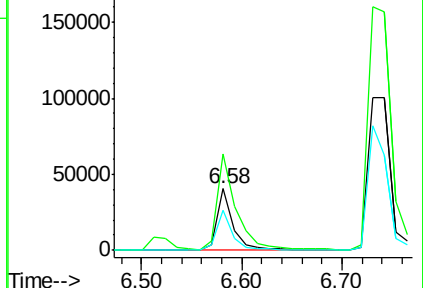
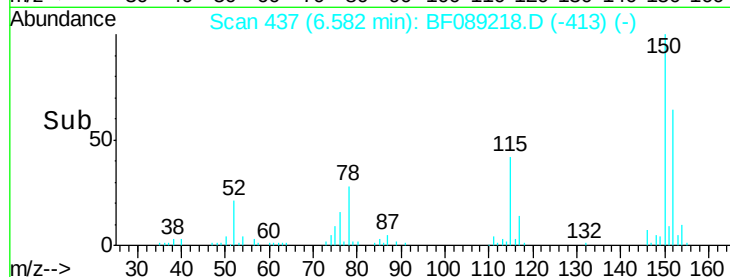
115 65.7 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.01 ng

RT: 2.00 min Scan# 36

Delta R.T. -0.05 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

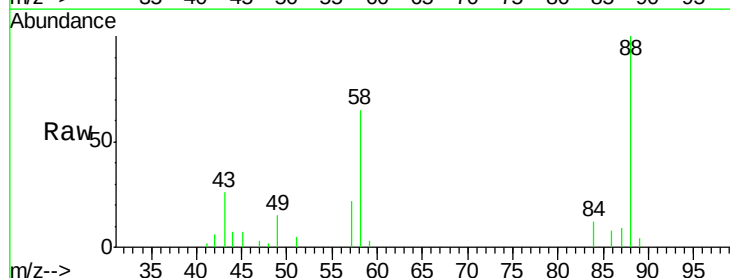
Tgt Ion: 88 Resp: 53230

Ion Ratio Lower Upper

88 100

58 60.6 49.2 73.8

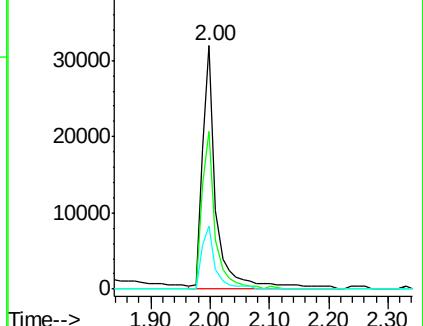
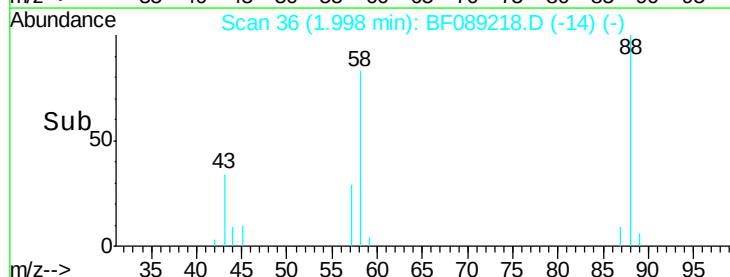
43 25.1 20.6 30.8

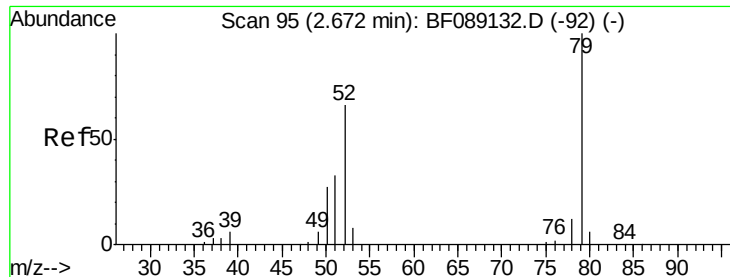


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.50 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.06 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

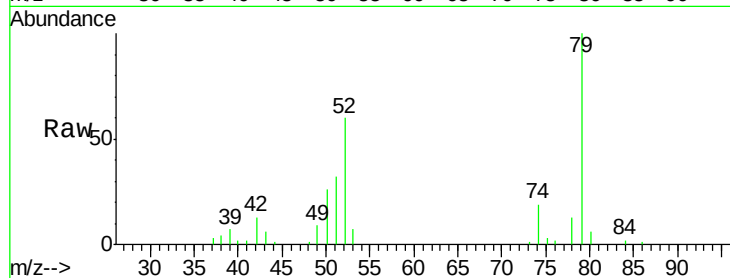
Tgt Ion: 79 Resp: 123623

Ion Ratio Lower Upper

79 100

52 60.3 52.9 79.3

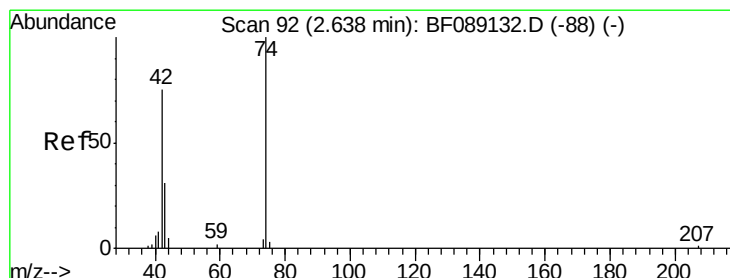
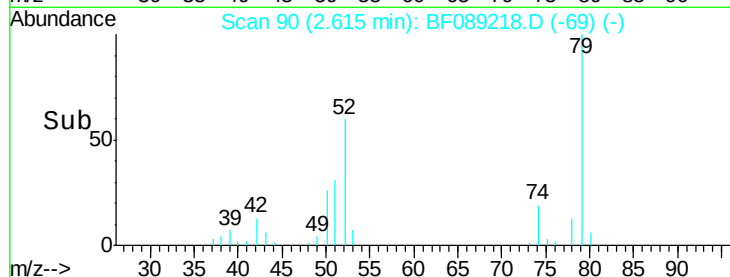
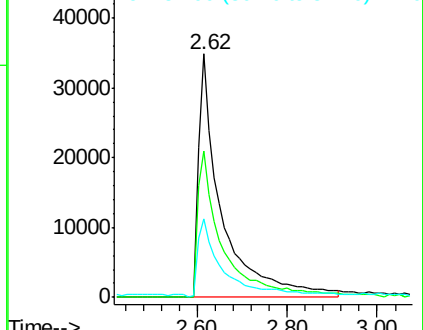
51 32.2 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.16 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.06 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

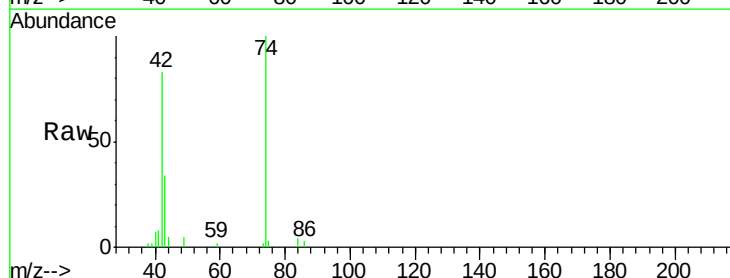
Tgt Ion: 42 Resp: 47405

Ion Ratio Lower Upper

42 100

74 120.6 106.4 159.6

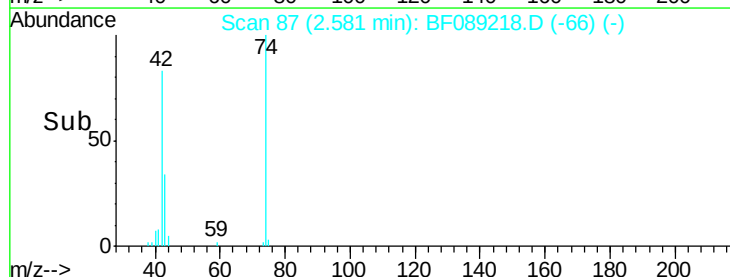
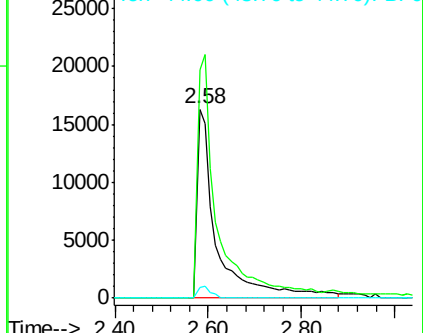
44 5.9 5.2 7.8

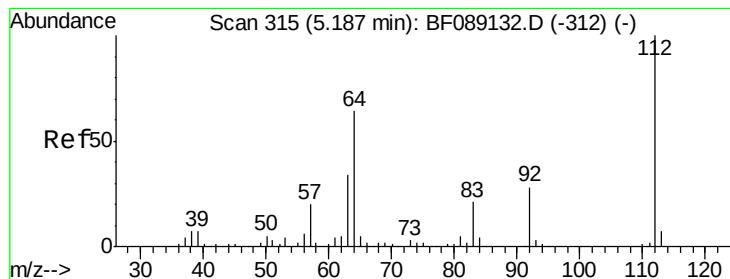


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.63 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

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ClientSampleId :

SSTDCCC040EC

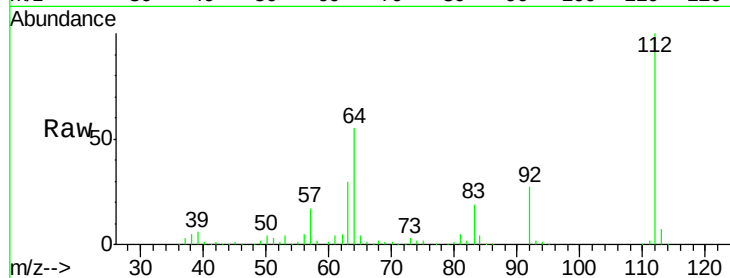
Tgt Ion: 112 Resp: 226060

Ion Ratio Lower Upper

112 100

64 55.2 51.0 76.4

63 29.7 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

5.15

200000

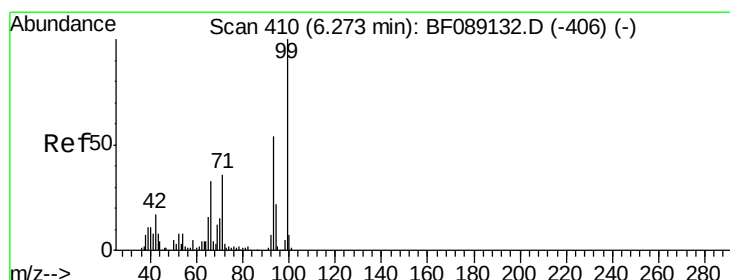
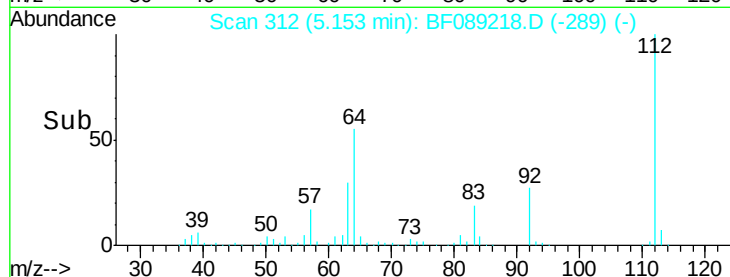
150000

100000

50000

0

Time-->



#6

Aniline

Concen: 36.02 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

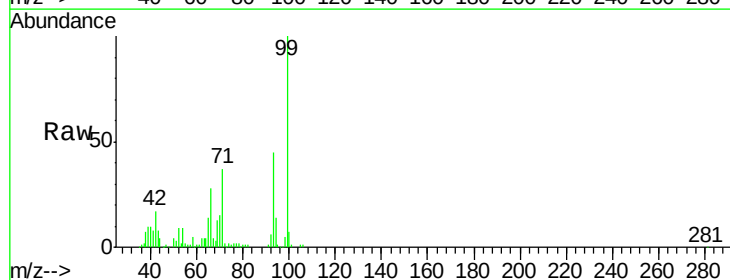
Tgt Ion: 93 Resp: 187612

Ion Ratio Lower Upper

93 100

66 62.9 48.9 73.3

65 30.5 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

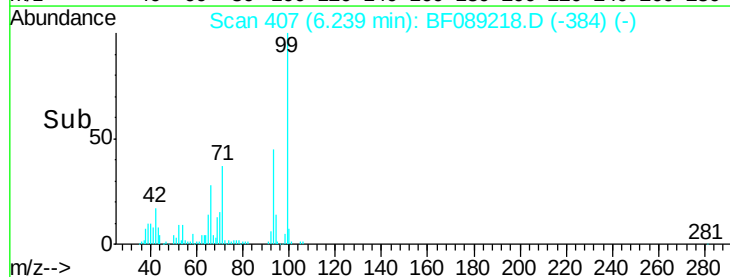
6.24

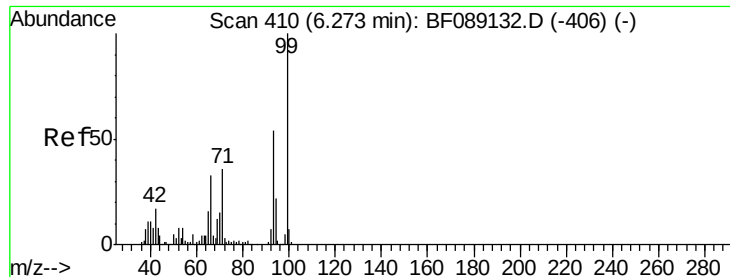
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 77.05 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

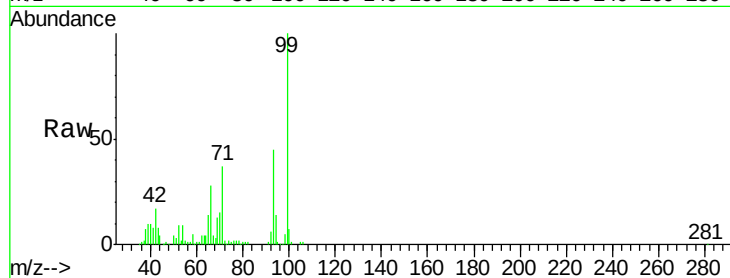
Tgt Ion: 99 Resp: 296979

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

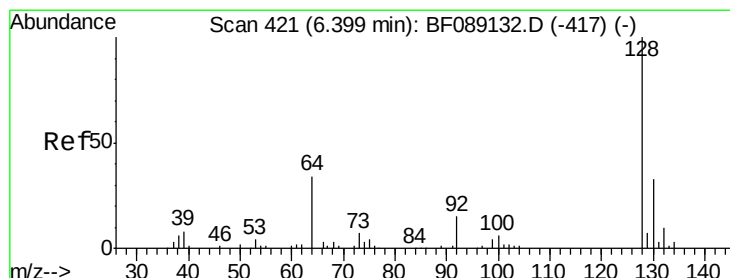
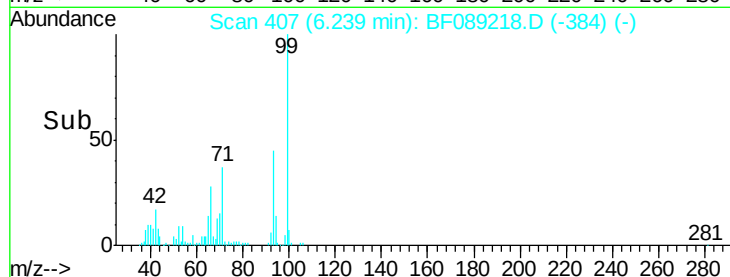
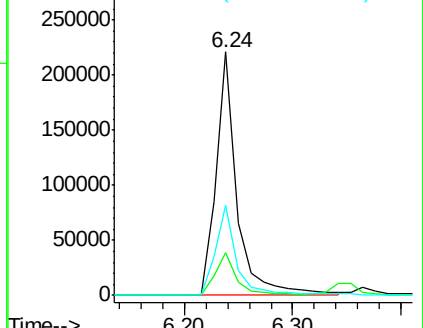
71 36.9 28.9 43.3



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: 40.50 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

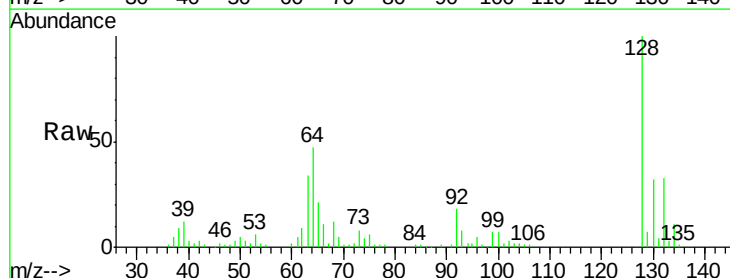
Tgt Ion: 128 Resp: 134337

Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

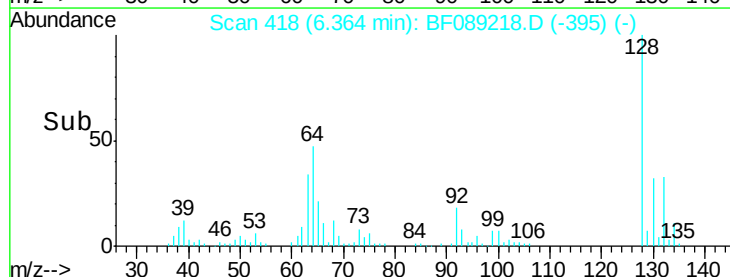
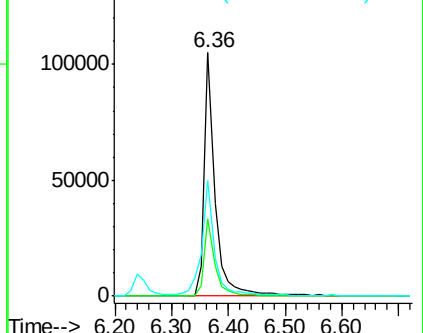
64 47.5 17.5 57.5

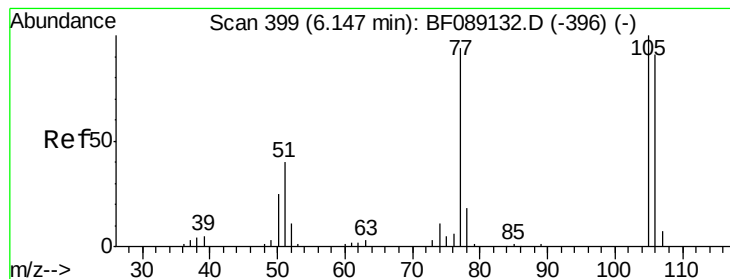


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.94 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

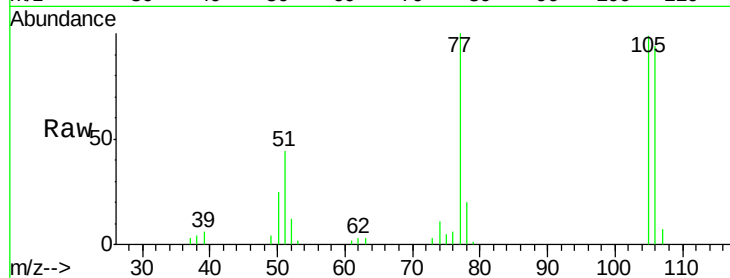
Tgt Ion: 77 Resp: 69837

Ion Ratio Lower Upper

77 100

105 99.5 86.2 126.2

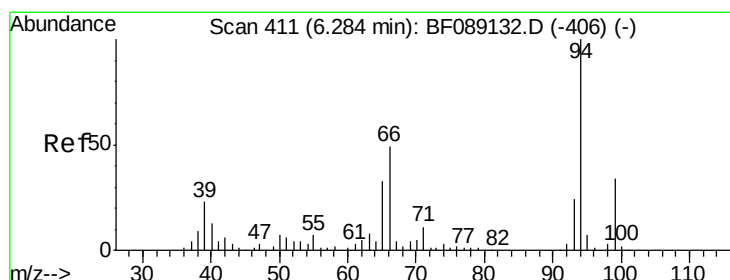
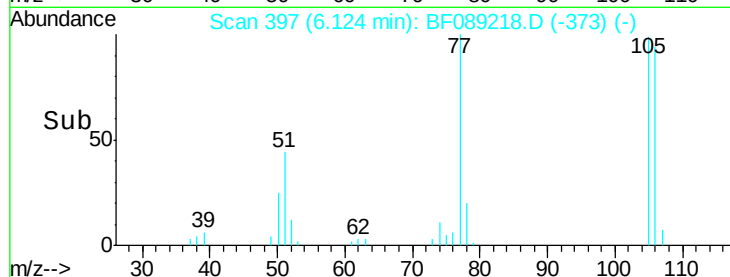
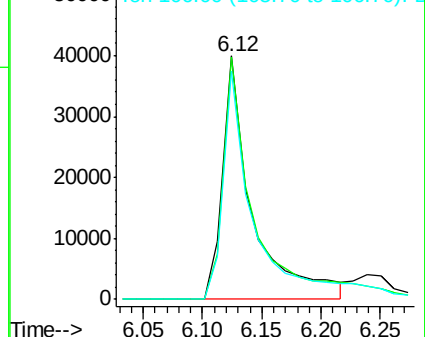
106 93.5 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.70 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

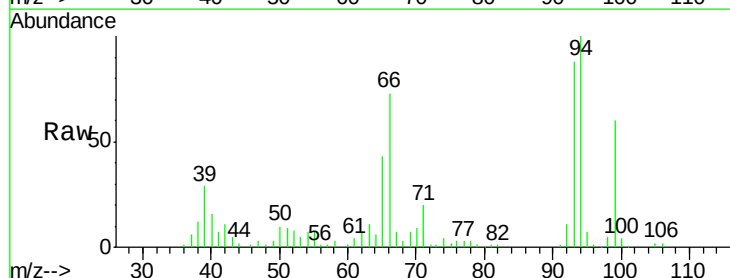
Tgt Ion: 94 Resp: 176286

Ion Ratio Lower Upper

94 100

65 43.3 13.3 53.3

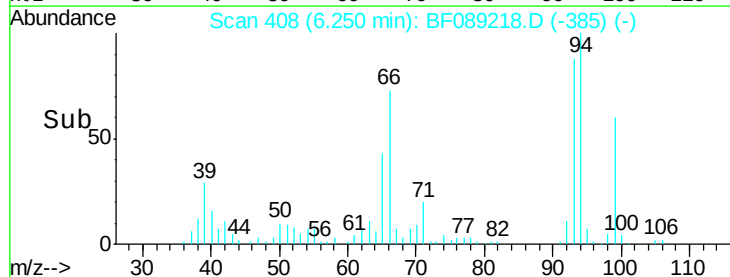
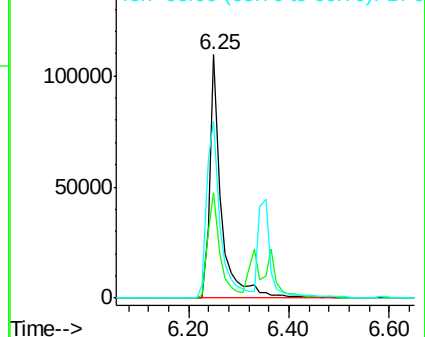
66 72.6 29.3 69.3#

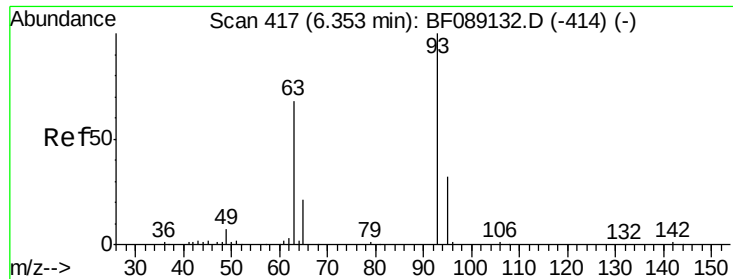


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.68 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

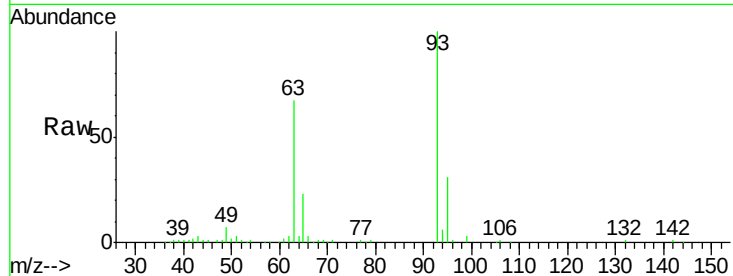
Tgt Ion: 93 Resp: 135658

Ion Ratio Lower Upper

93 100

63 67.2 47.3 87.3

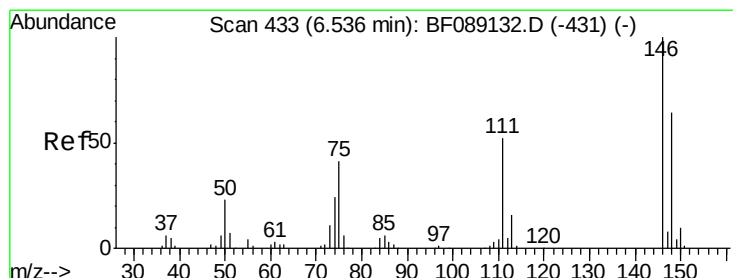
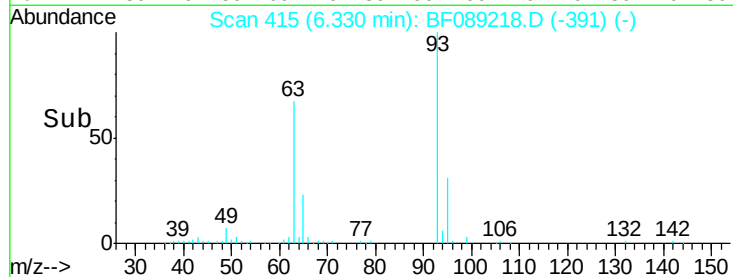
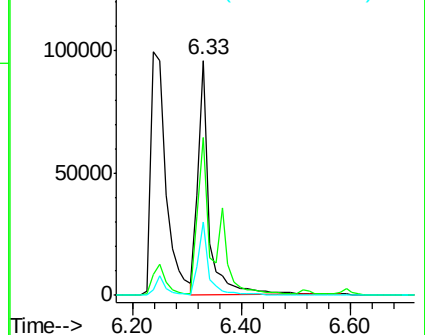
95 31.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.70 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

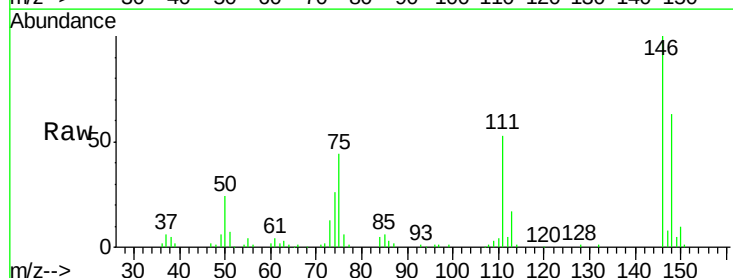
Tgt Ion: 146 Resp: 134405

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

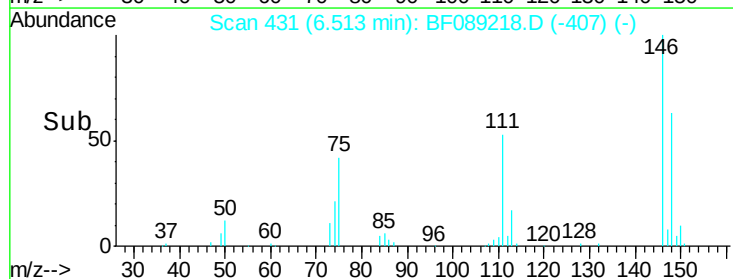
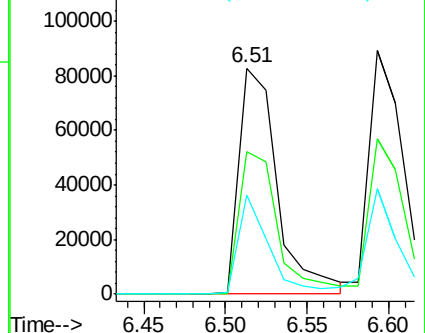
75 43.9 32.5 48.7

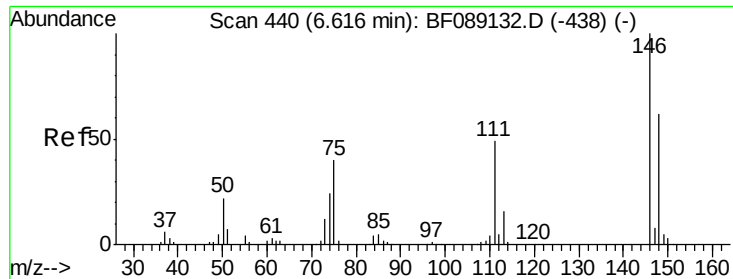


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

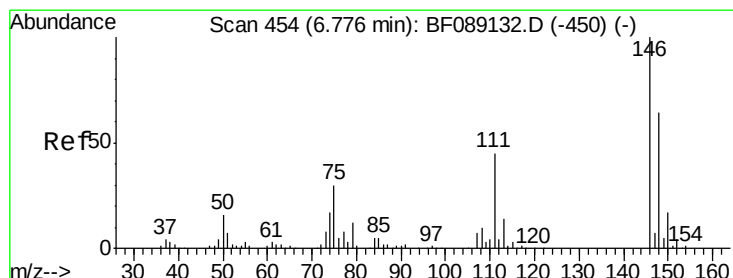
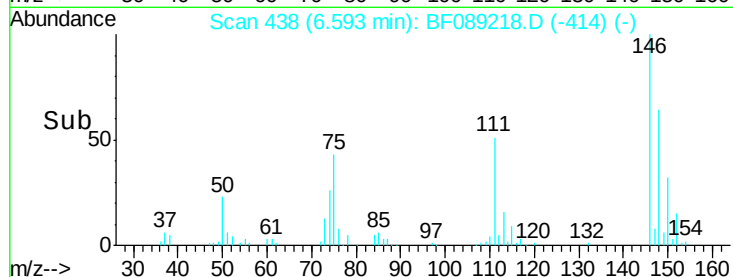
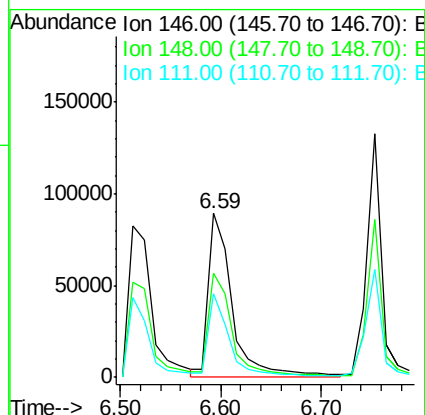
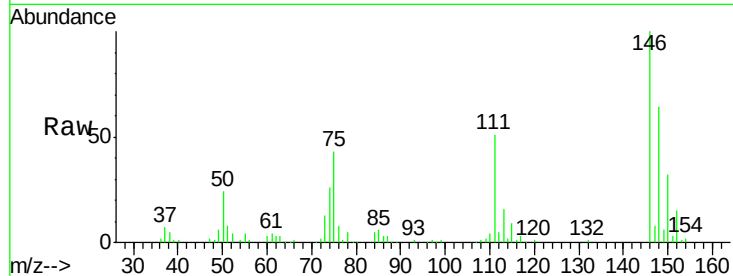




#13
 1,4-Dichlorobenzene
 Concen: 39.81 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

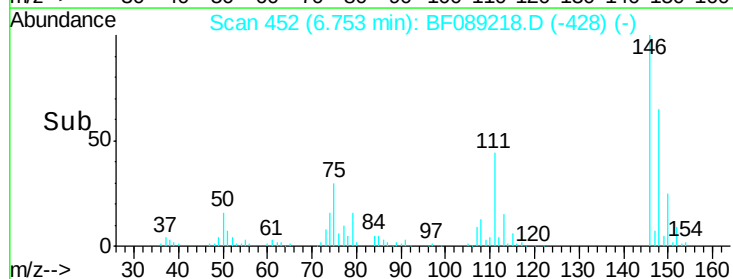
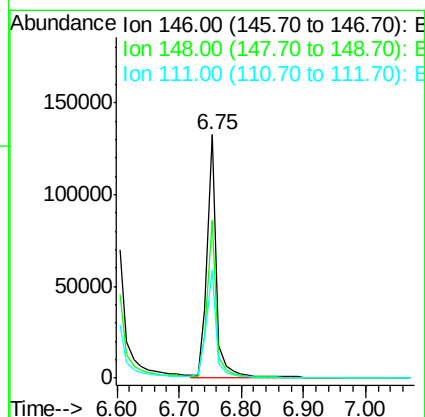
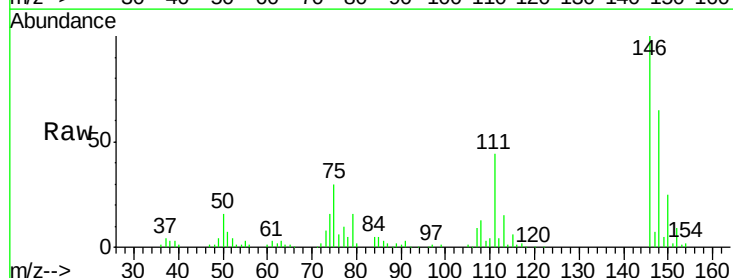
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

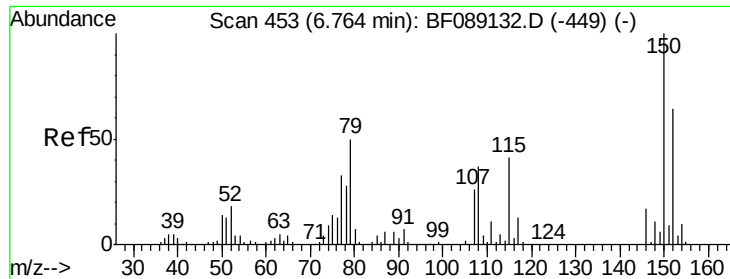
Tgt Ion:146 Resp: 146860
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.9 74.9
 111 51.0 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 41.71 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:146 Resp: 145055
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 44.3 35.9 53.9

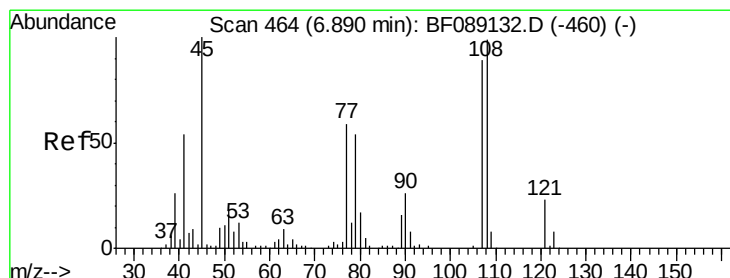
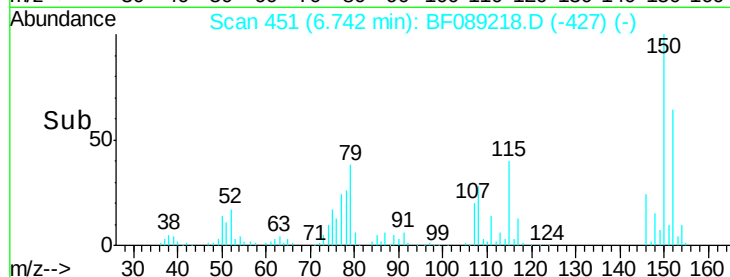
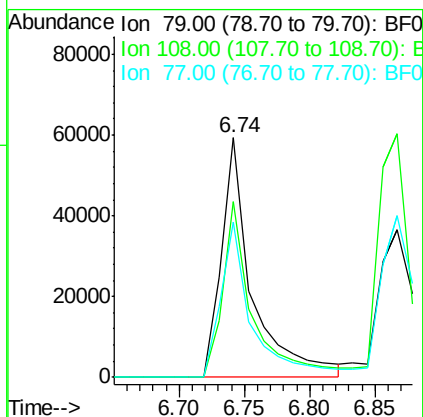
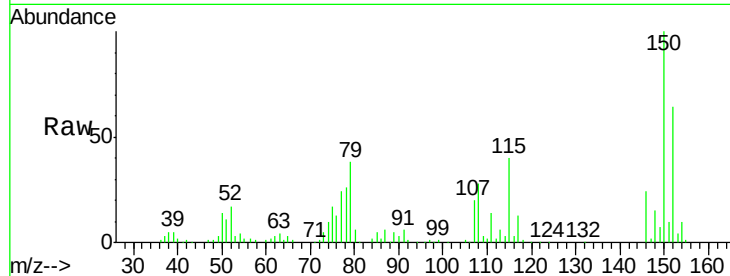




#15
Benzyl Alcohol
Concen: 34.77 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

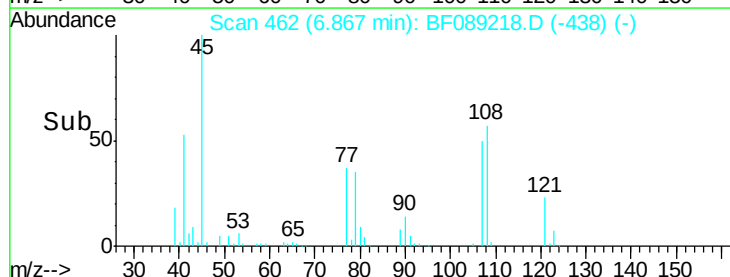
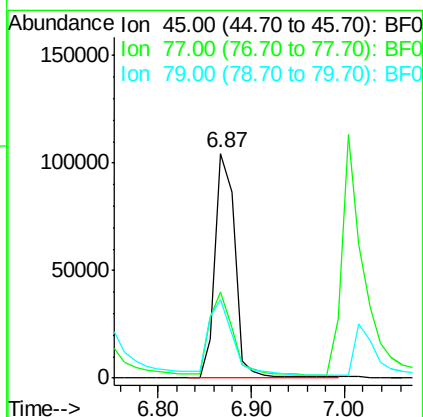
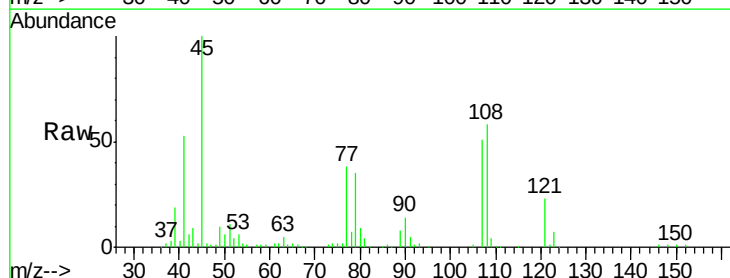
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

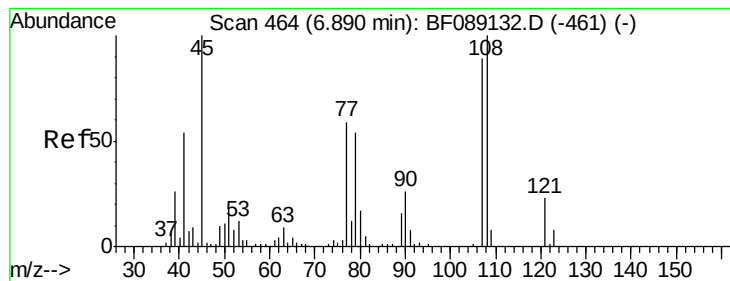
Tgt Ion: 79 Resp: 98159
Ion Ratio Lower Upper
79 100
108 73.5 58.2 87.4
77 64.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.88 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion: 45 Resp: 155326
Ion Ratio Lower Upper
45 100
77 38.3 39.7 79.7#
79 35.0 34.7 74.7





#17

2-Methylphenol

Concen: 36.34 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 94928

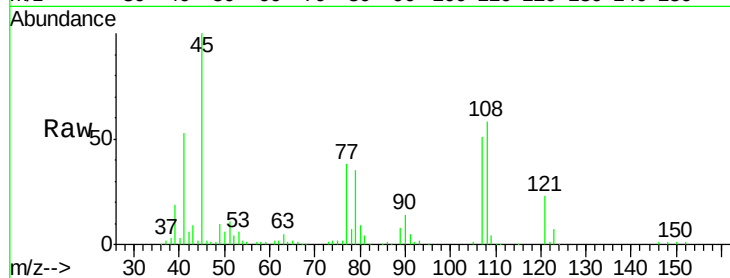
Ion Ratio Lower Upper

107 100

108 114.2 89.4 134.2

77 75.7 53.4 80.0

79 69.1 49.0 73.4

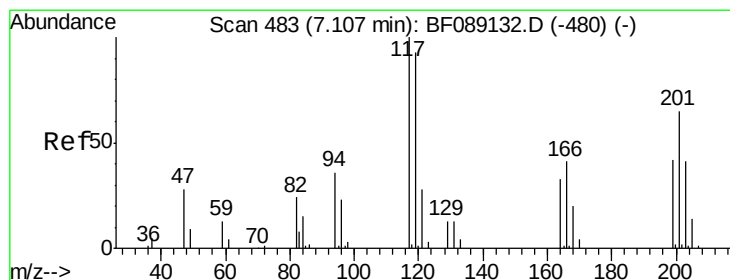
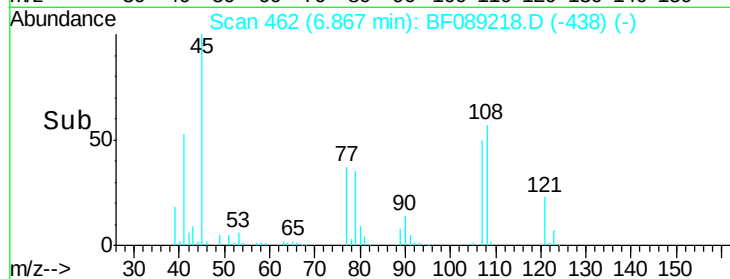
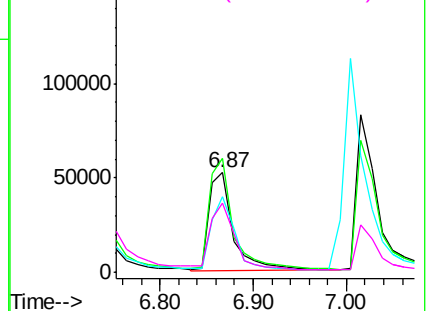


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.68 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

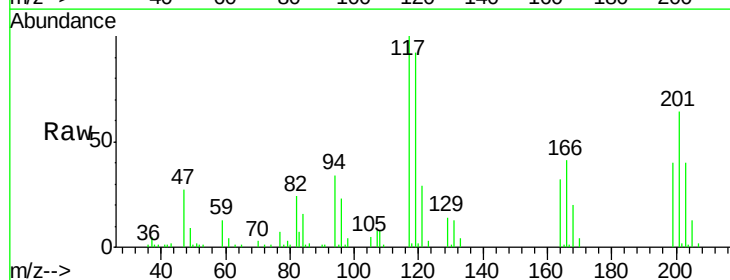
Tgt Ion:117 Resp: 55013

Ion Ratio Lower Upper

117 100

119 91.7 74.5 111.7

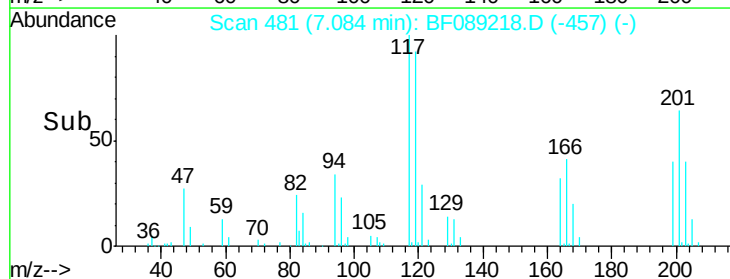
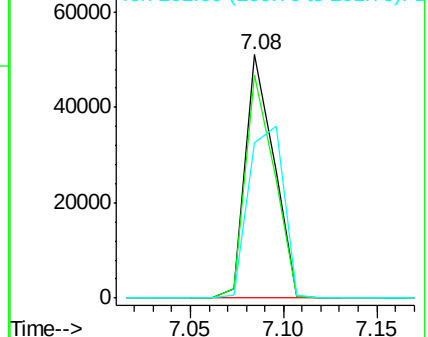
201 63.8 51.8 77.6

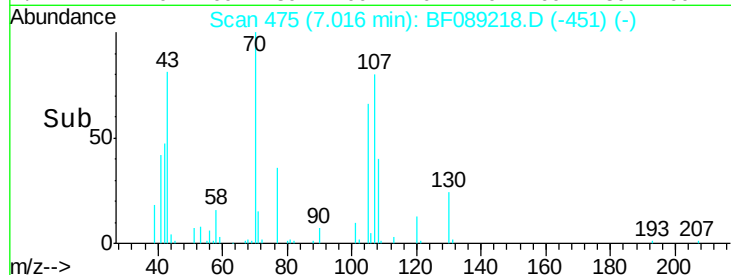
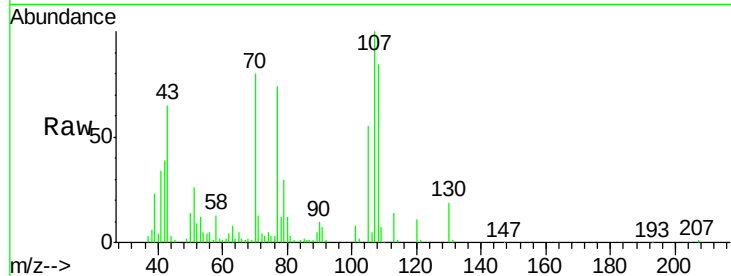
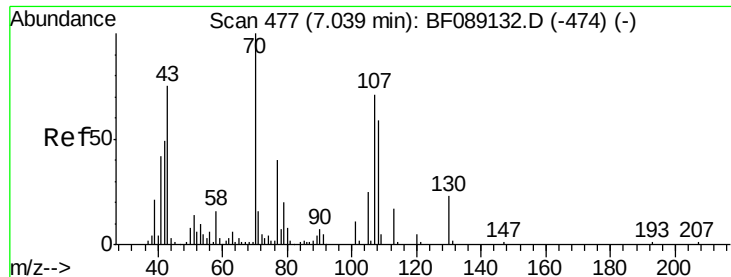


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

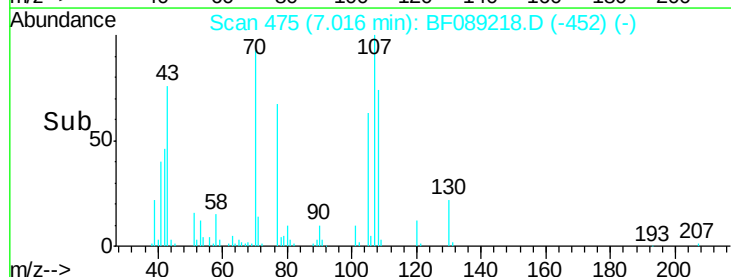
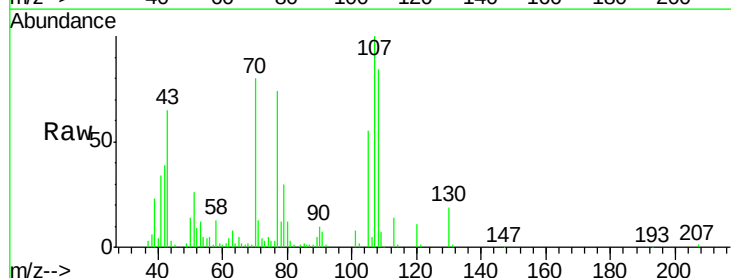
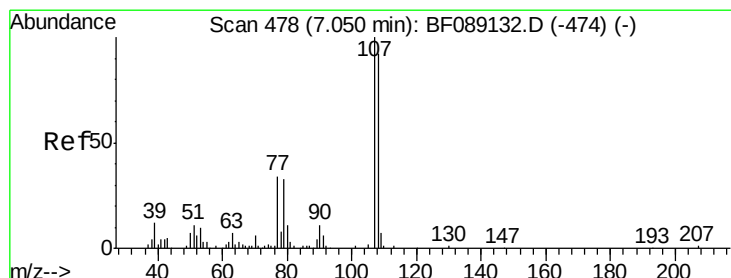
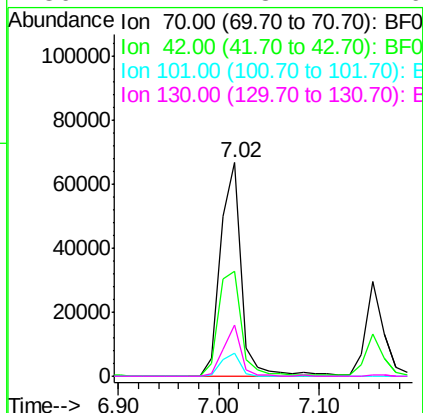




#19
n-Nitroso-di-n-propylamine
Concen: 38.36 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

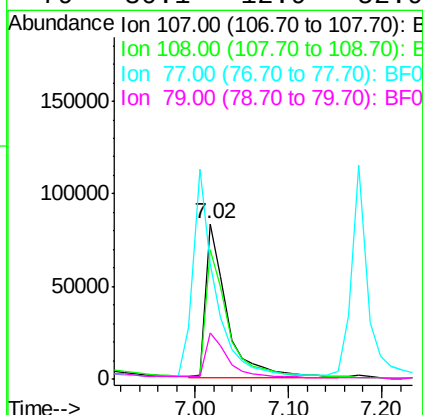
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

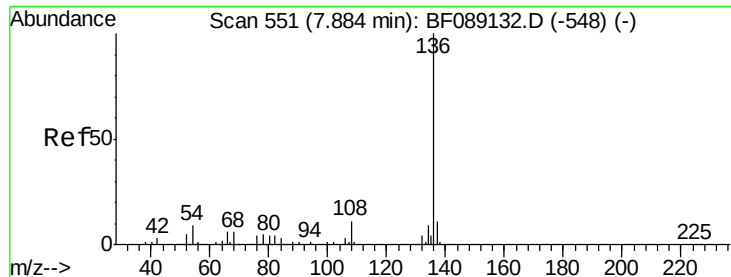
Tgt Ion:	70	Resp:	96696
Ion	Ratio	Lower	Upper
70	100		
42	49.4	39.2	58.8
101	10.5	8.5	12.7
130	24.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 37.36 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion:	107	Resp:	132510
Ion	Ratio	Lower	Upper
107	100		
108	83.8	72.5	112.5
77	74.1	17.7	57.7#
79	30.1	12.9	52.9

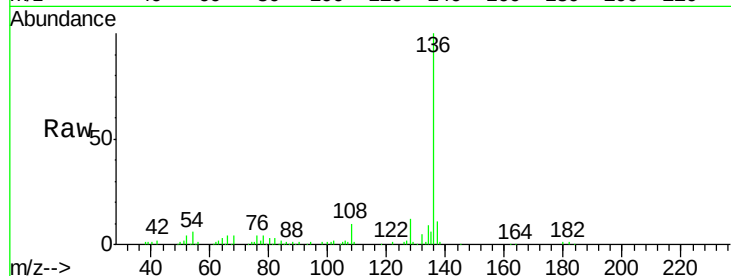




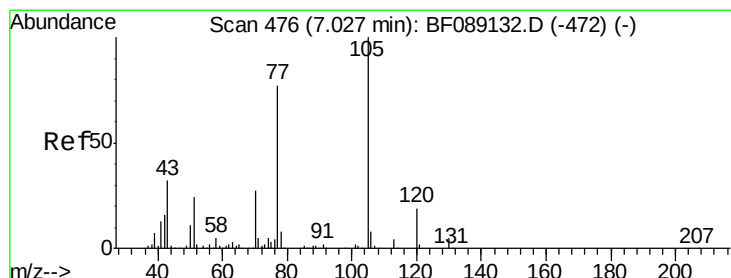
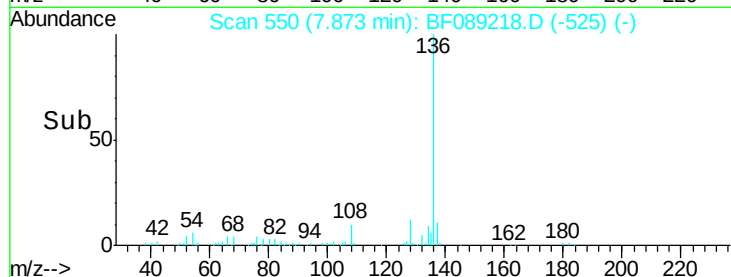
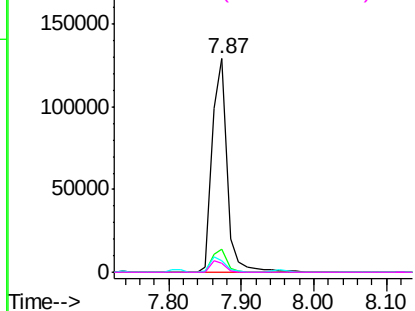
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	185295
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.8	13.2
54	5.7	7.0	10.4#
68	4.3	5.0	7.6#

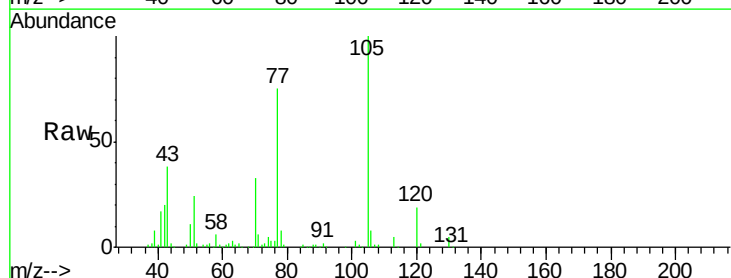


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

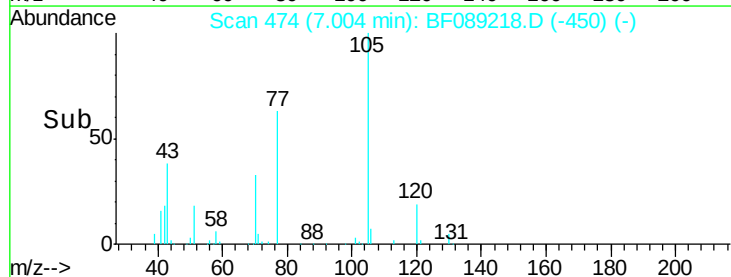
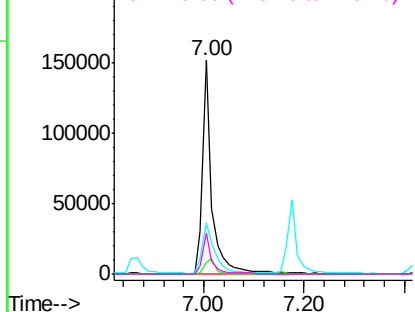


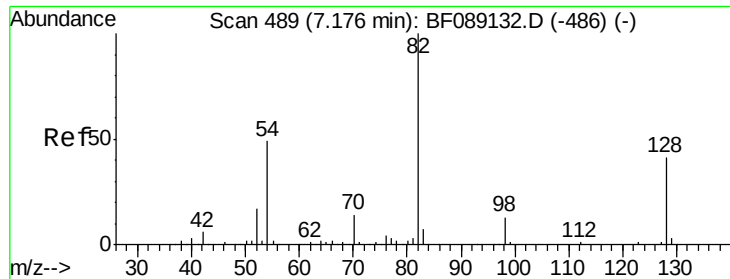
#22
Acetophenone
Concen: 40.38 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion:	105	Resp:	199824
Ion Ratio	Lower	Upper	
105	100		
71	5.5	3.8	5.6
51	23.7	19.6	29.4
120	19.1	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

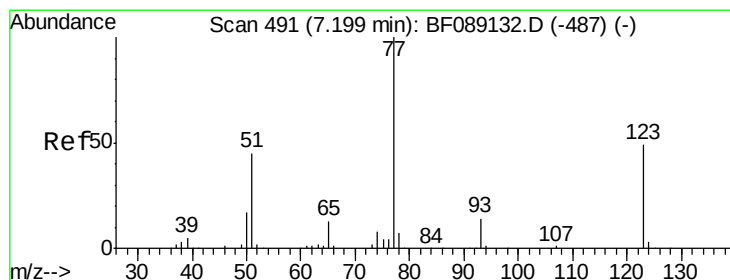
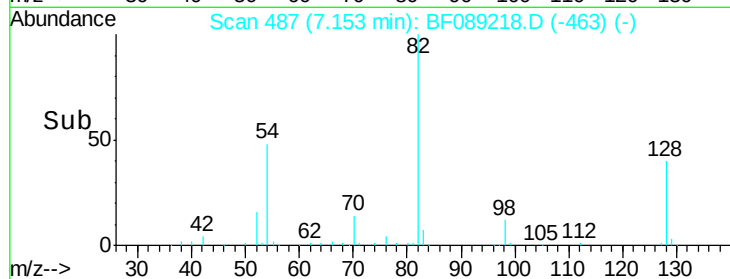
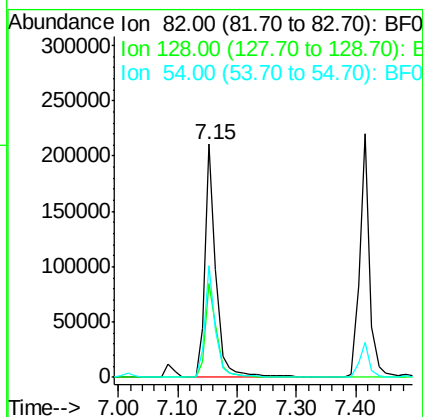
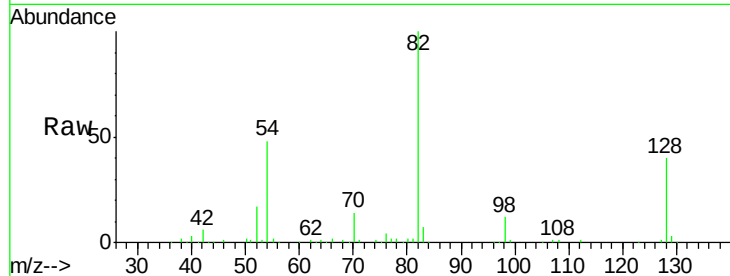




#23
 Nitrobenzene-d5
 Concen: 80.04 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

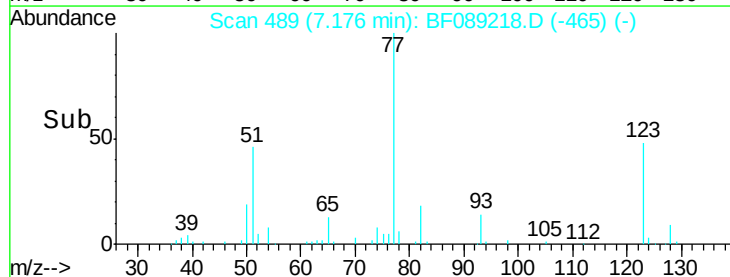
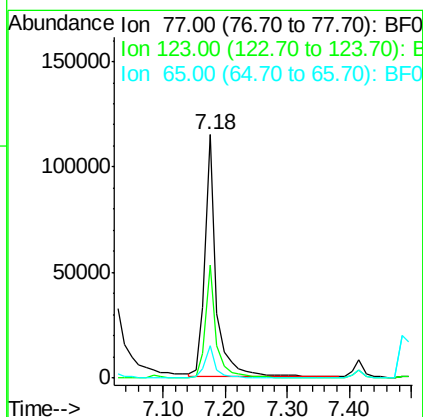
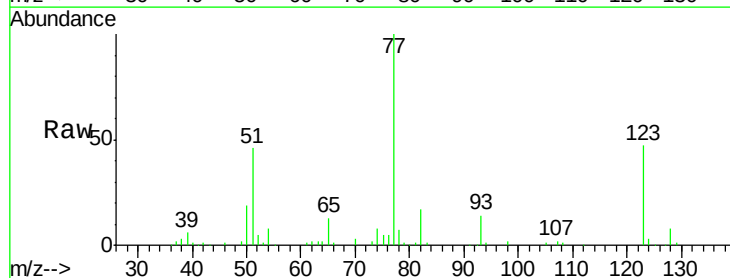
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

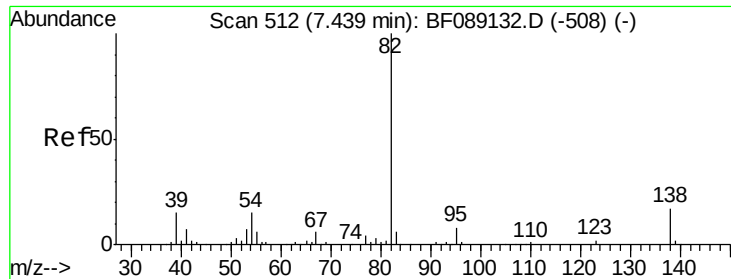
Tgt Ion: 82 Resp: 279112
 Ion Ratio Lower Upper
 82 100
 128 40.0 33.0 49.6
 54 48.0 39.0 58.4



#24
 Nitrobenzene
 Concen: 40.10 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion: 77 Resp: 147479
 Ion Ratio Lower Upper
 77 100
 123 46.5 38.9 58.3
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 39.32 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

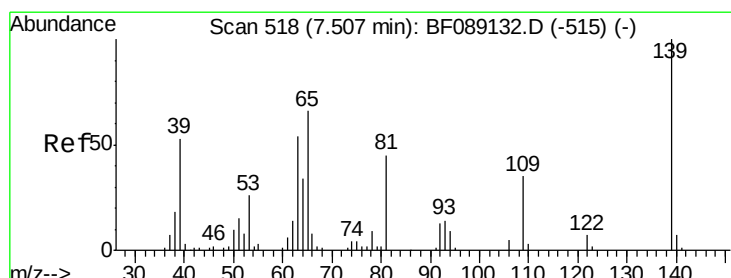
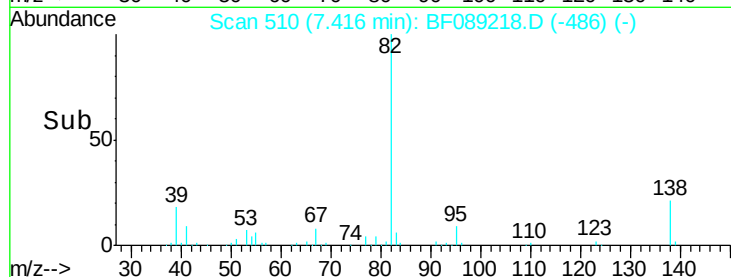
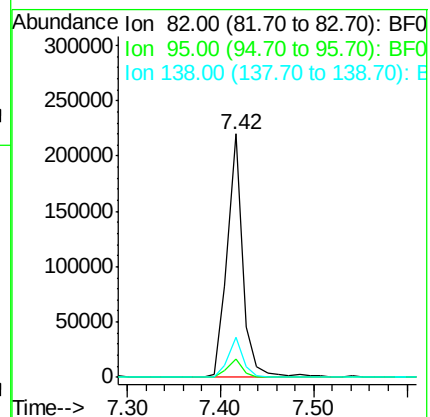
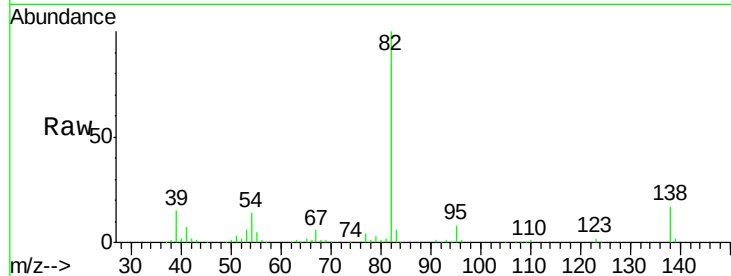
Tgt Ion: 82 Resp: 252754

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 16.6 13.6 20.4



#26

2-Nitrophenol

Concen: 37.47 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

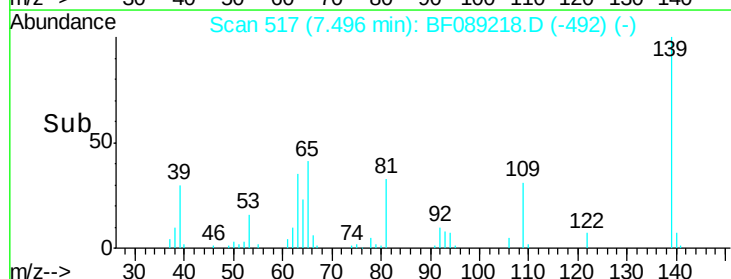
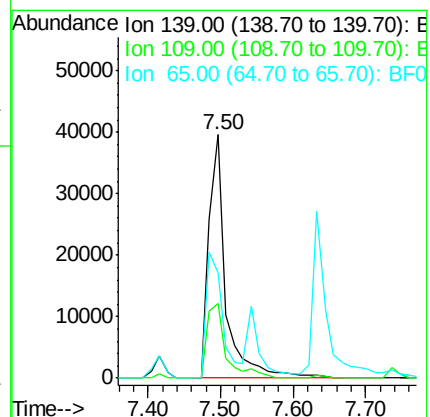
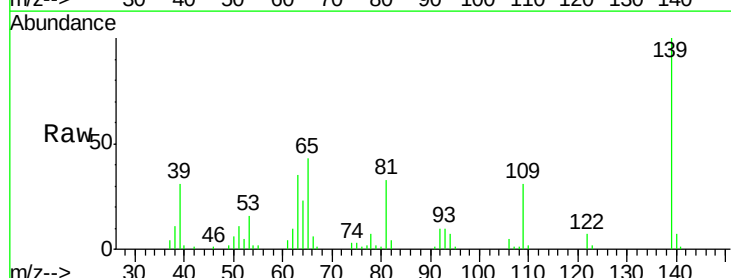
Tgt Ion: 139 Resp: 64277

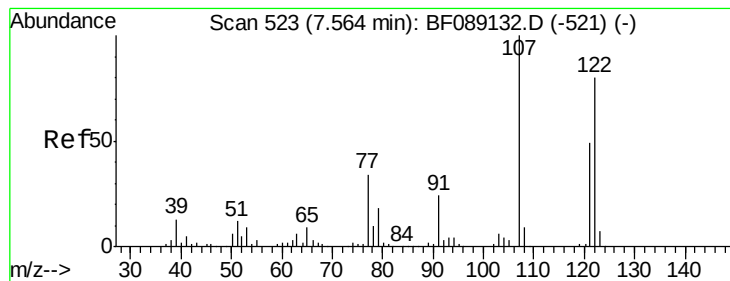
Ion Ratio Lower Upper

139 100

109 30.8 28.1 42.1

65 43.3 52.7 79.1#





#27

2,4-Dimethylphenol

Concen: 36.74 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

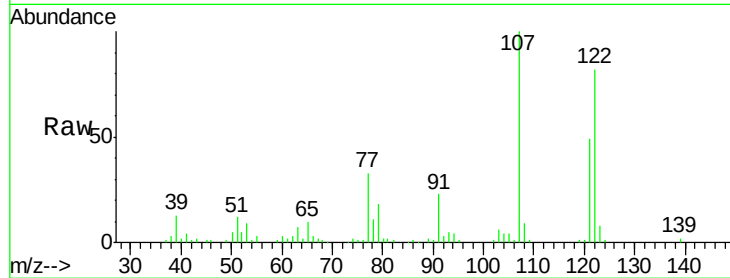
Tgt Ion:122 Resp: 106198

Ion Ratio Lower Upper

122 100

107 121.7 99.7 149.5

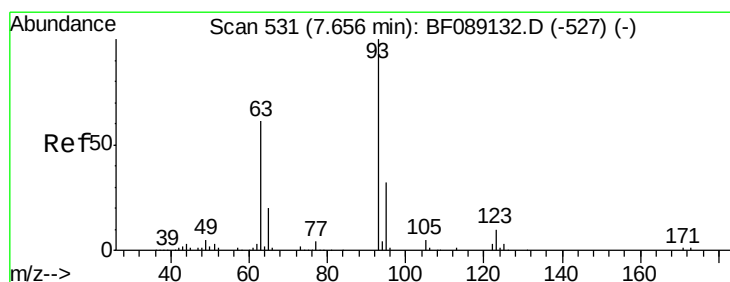
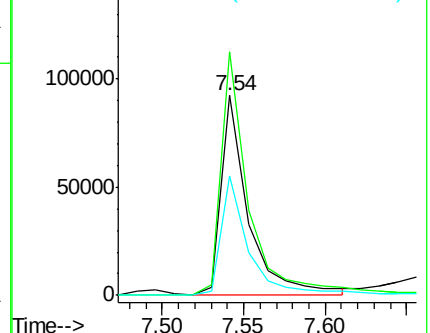
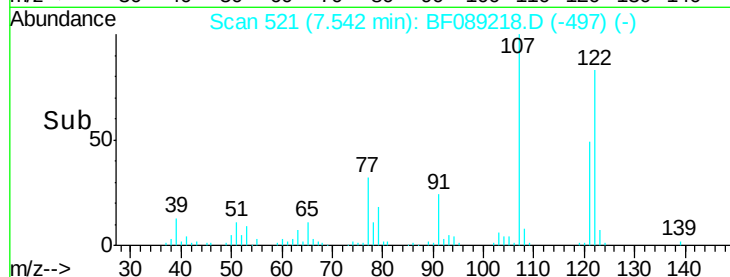
121 59.7 48.5 72.7



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: 41.20 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

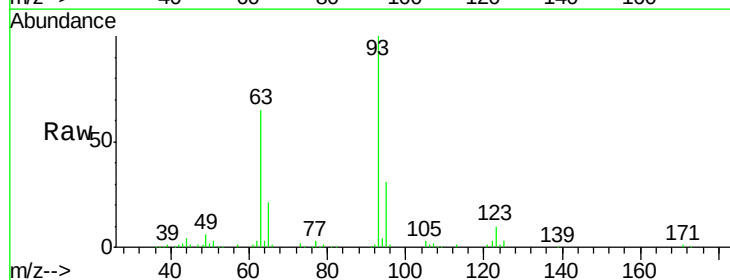
Tgt Ion: 93 Resp: 165638

Ion Ratio Lower Upper

93 100

95 31.2 25.4 38.0

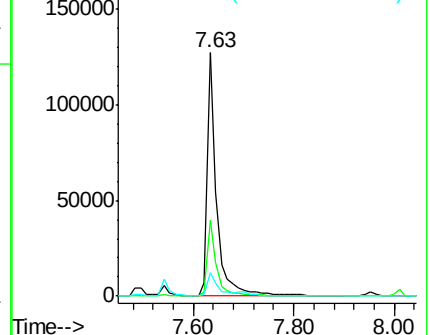
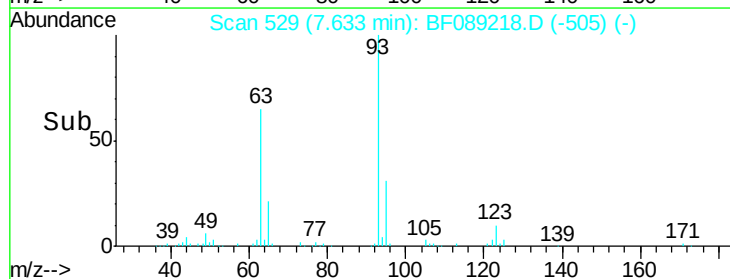
123 9.6 8.3 12.5

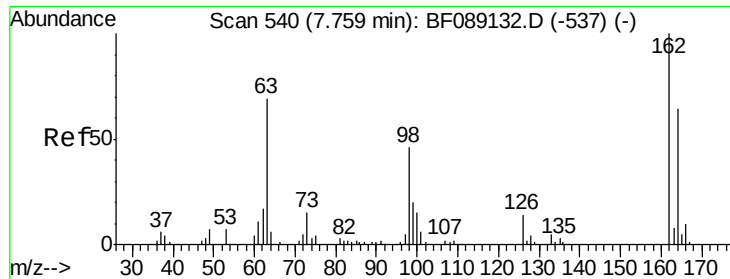


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

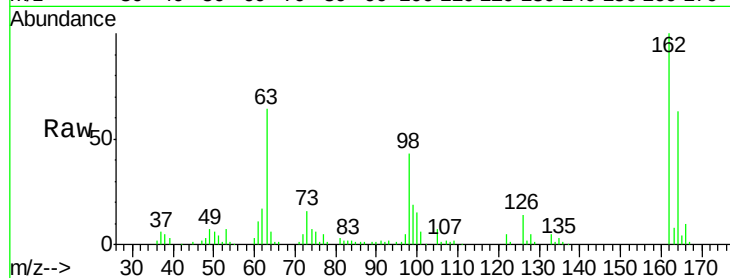




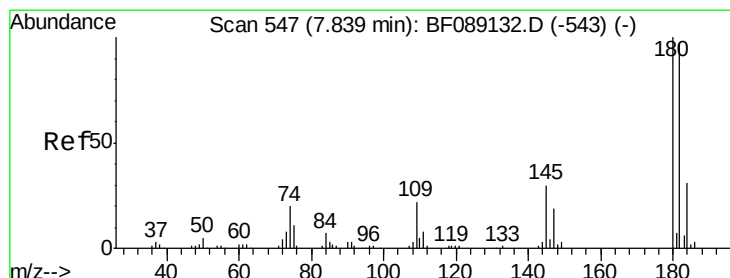
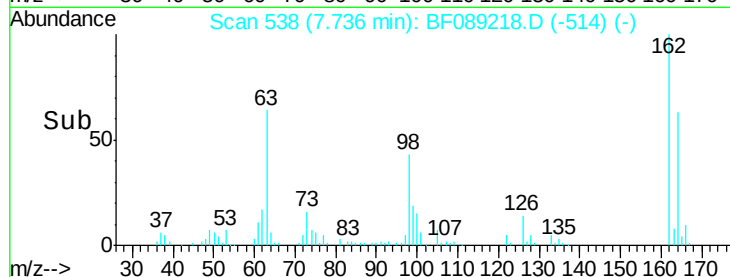
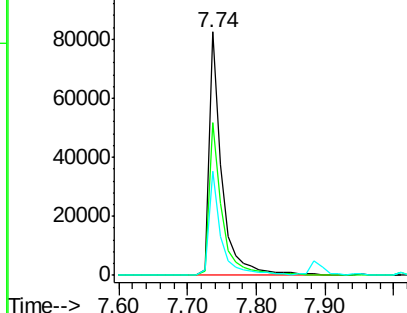
#29
 2,4-Dichlorophenol
 Concen: 41.39 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 107816
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.0 84.0
 98 42.7 26.0 66.0

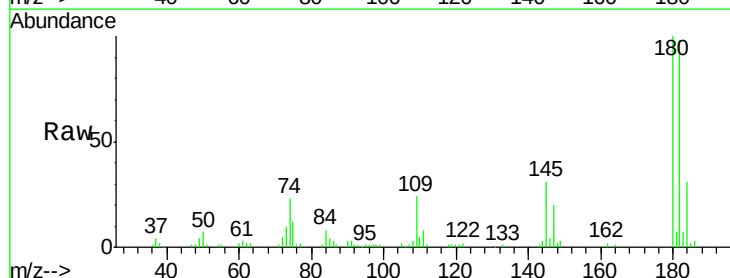


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

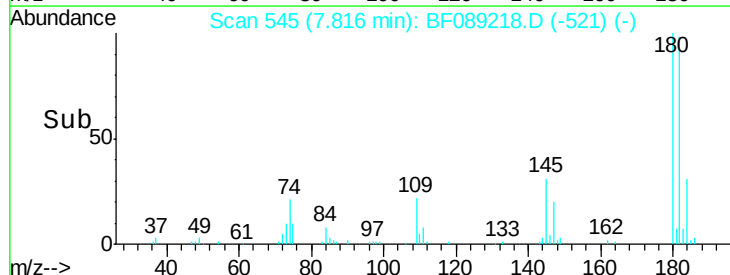
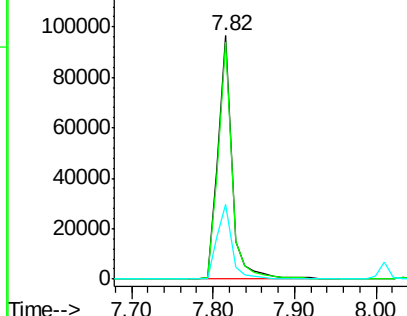


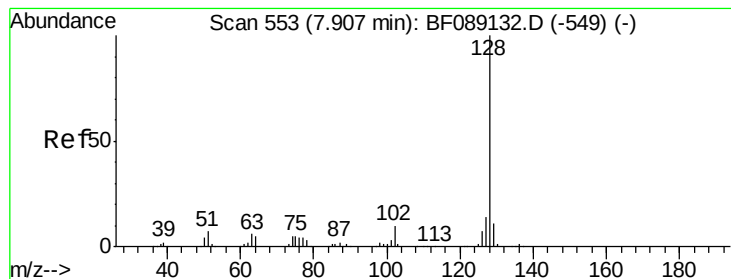
#30
 1,2,4-Trichlorobenzene
 Concen: 40.30 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:180 Resp: 116189
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.6 116.4
 145 30.8 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: 36.79 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

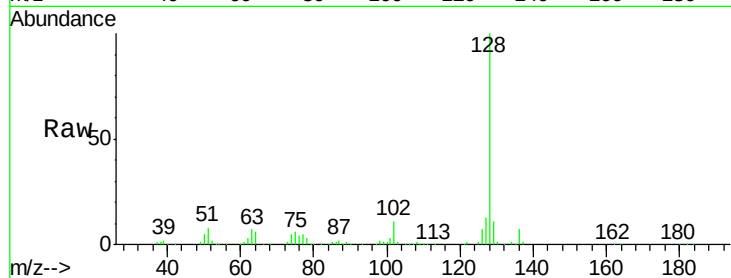
Tgt Ion:128 Resp: 367921

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

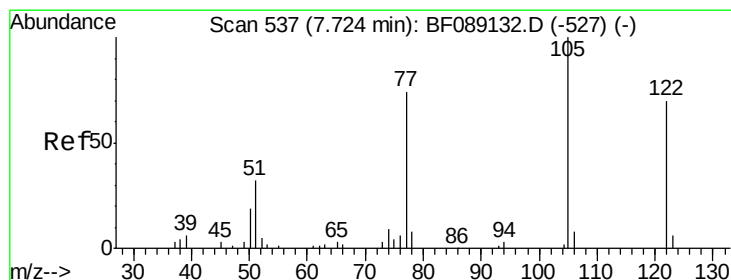
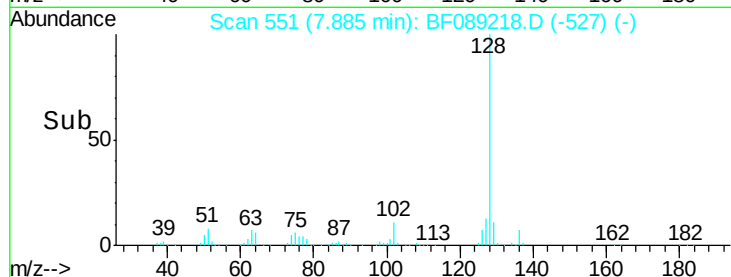
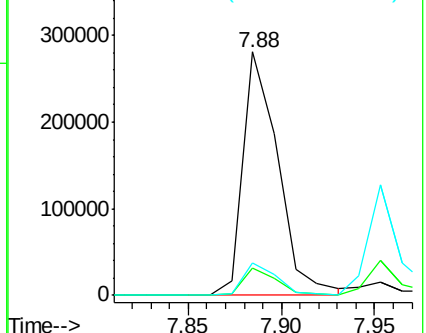
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.59 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

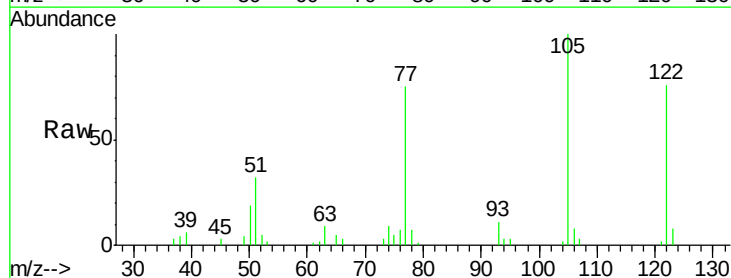
Tgt Ion:122 Resp: 81320

Ion Ratio Lower Upper

122 100

105 131.9 119.0 159.0

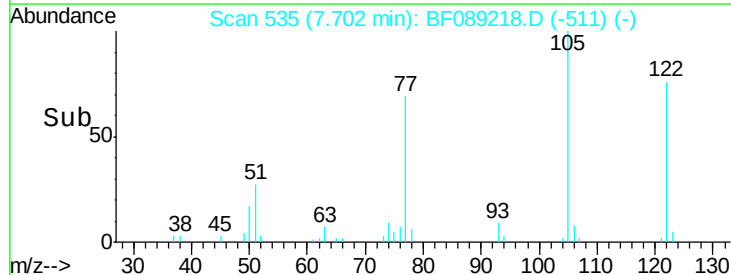
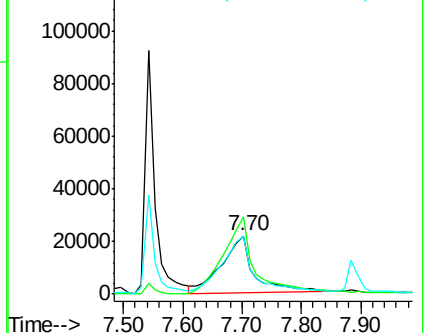
77 99.4 84.7 124.7

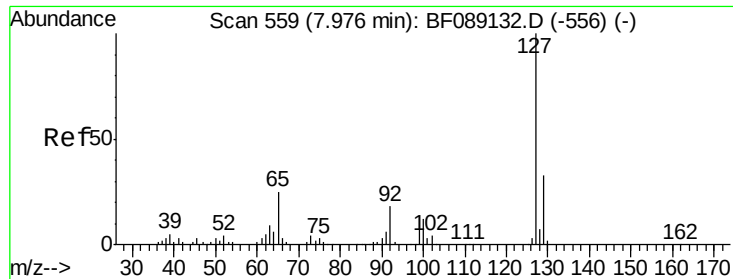


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

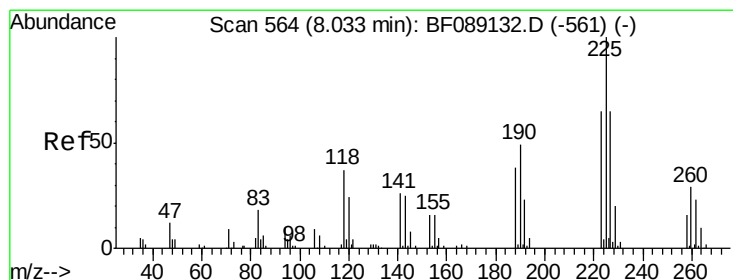
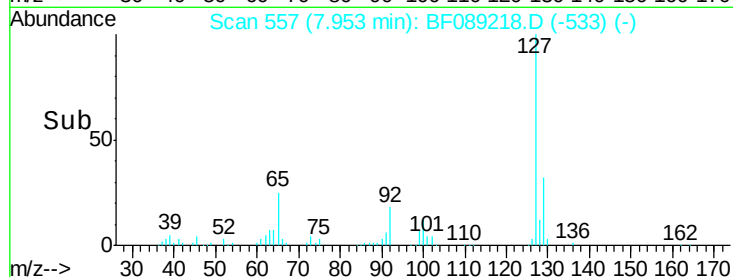
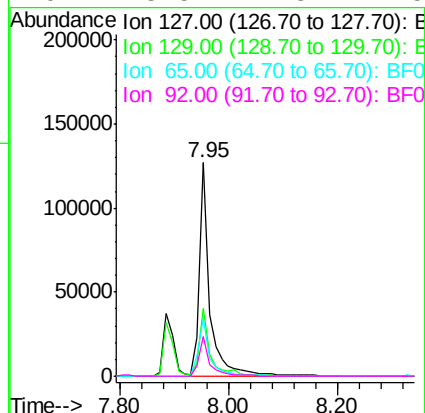
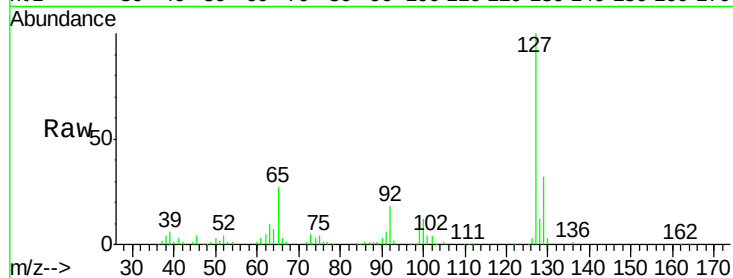




#33
4-Chloroaniline
Concen: 39.07 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

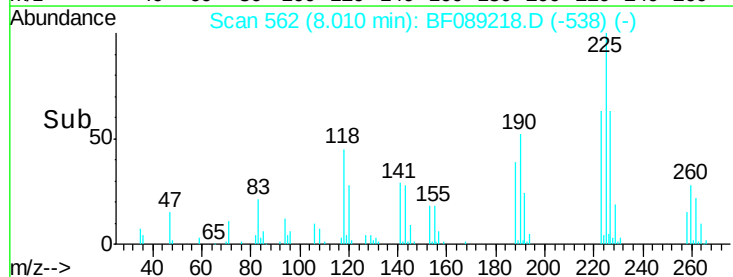
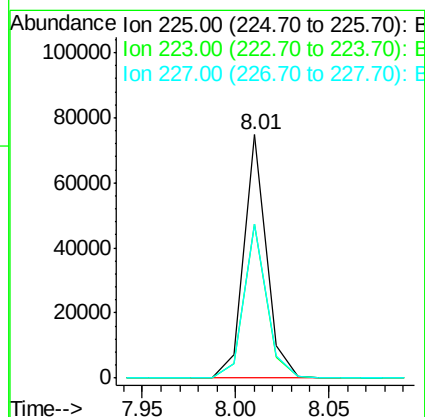
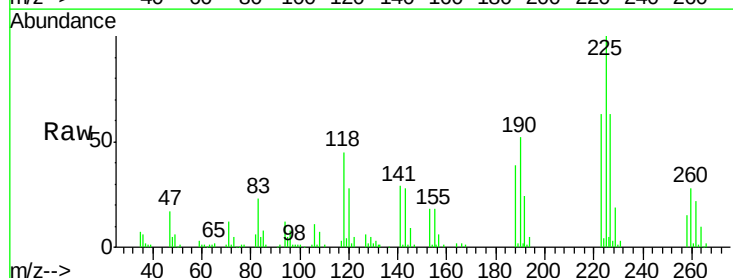
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

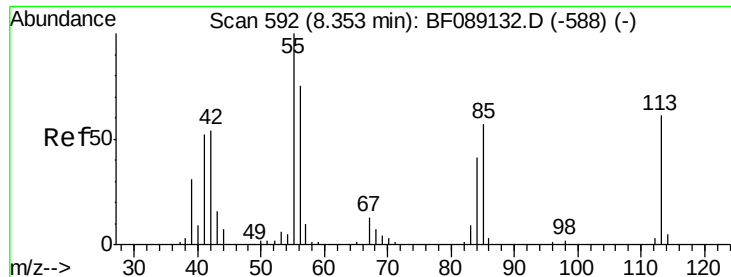
Tgt Ion:	127	Resp:	164310
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	26.8	19.7	29.5
92	18.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 39.56 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion:	225	Resp:	63489
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.6	77.4
227	63.4	51.6	77.4

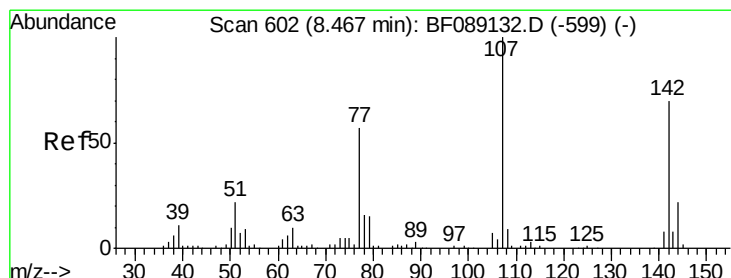
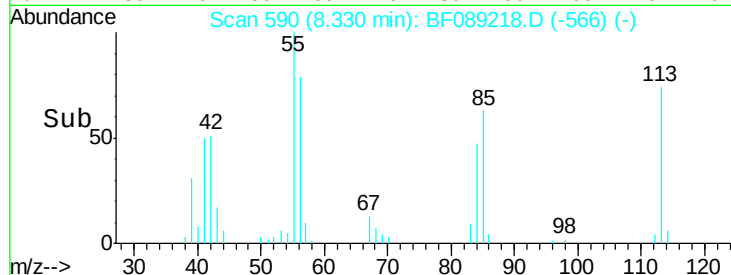
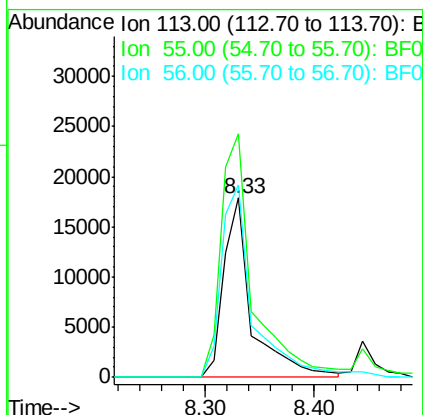
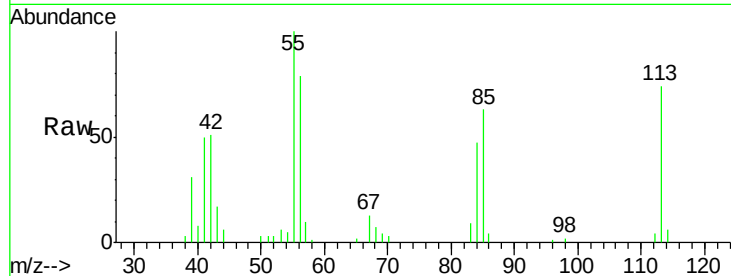




#35
 Caprolactam
 Concen: 39.47 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

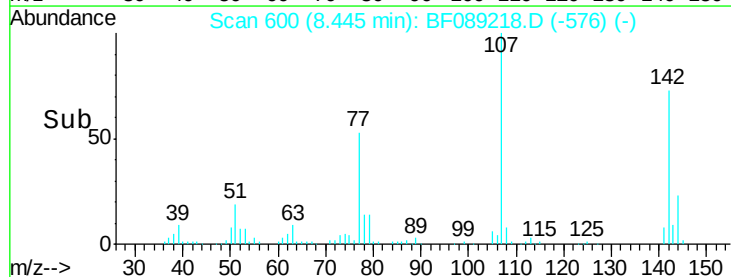
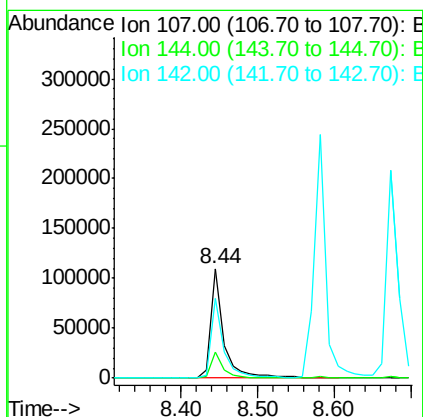
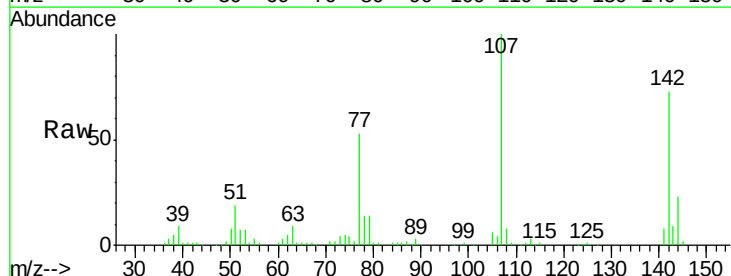
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

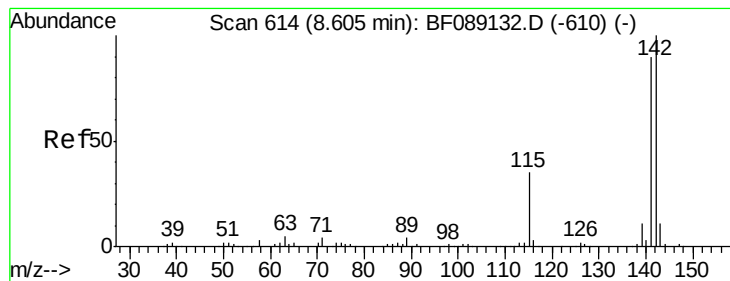
Tgt Ion:113 Resp: 31929
 Ion Ratio Lower Upper
 113 100
 55 136.0 145.3 185.3#
 56 107.6 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.80 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:107 Resp: 128044
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.8 26.6
 142 73.1 56.1 84.1





#37

2-Methylnaphthalene

Concen: 39.71 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

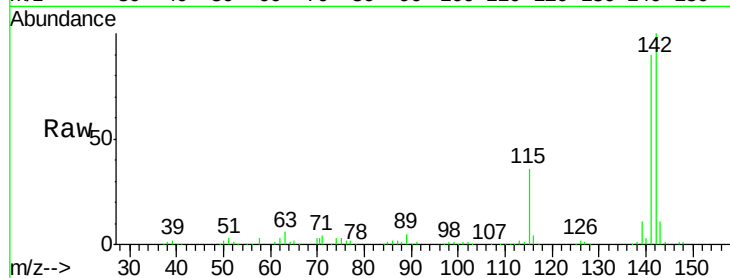
Tgt Ion:142 Resp: 253242

Ion Ratio Lower Upper

142 100

141 90.2 71.6 107.4

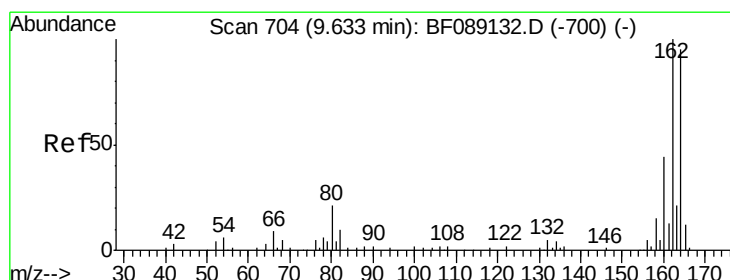
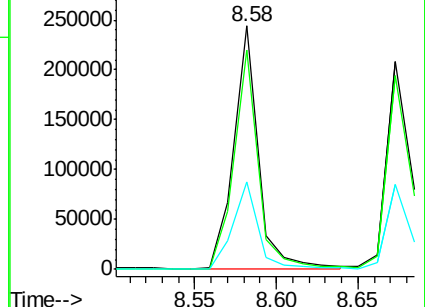
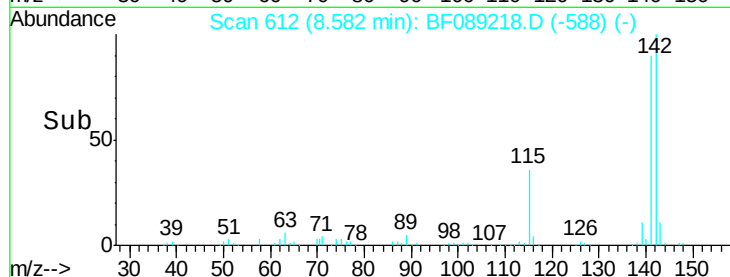
115 36.0 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

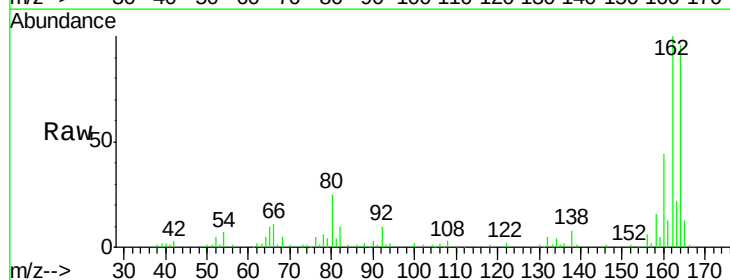
Tgt Ion:164 Resp: 88781

Ion Ratio Lower Upper

164 100

162 104.5 84.1 126.1

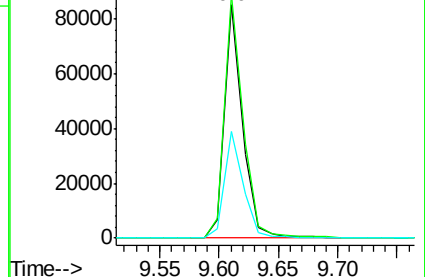
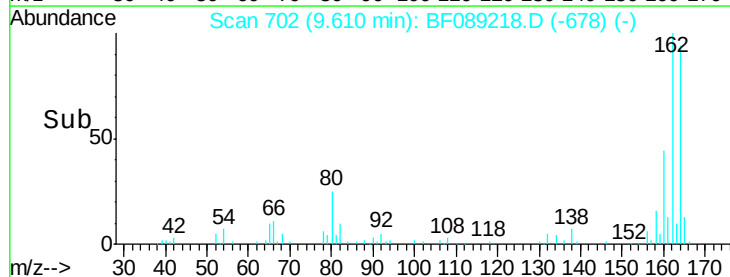
160 45.8 37.1 55.7

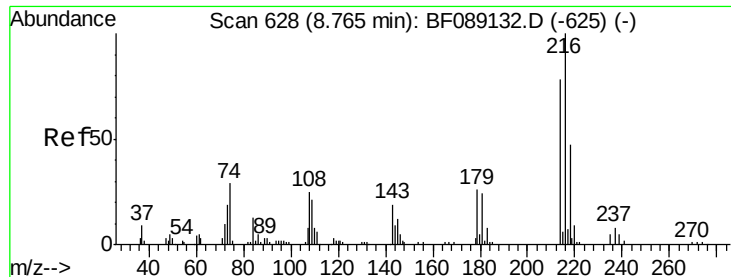


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

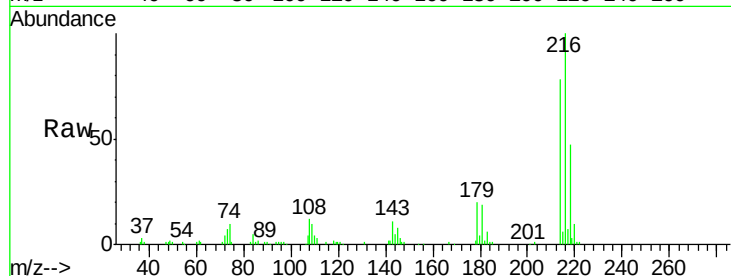




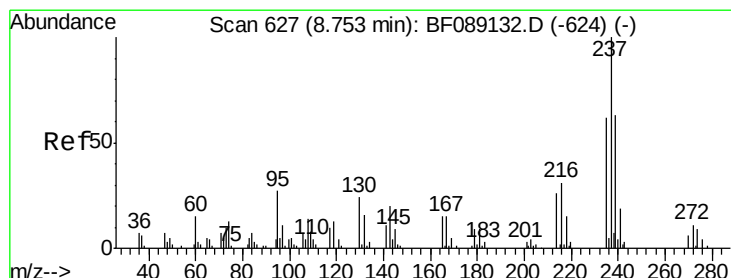
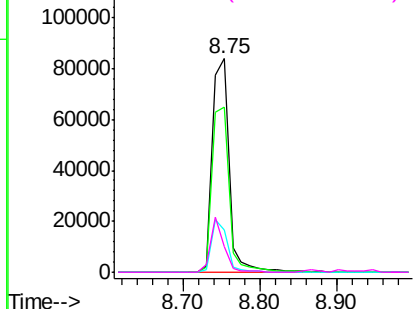
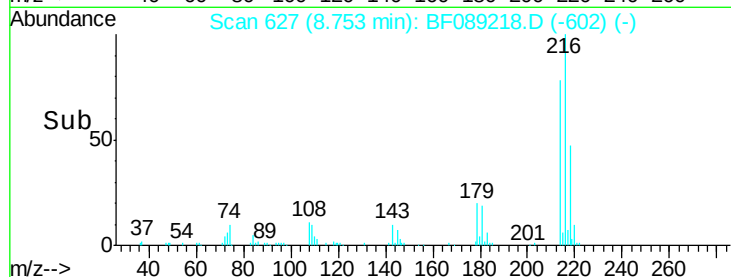
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.70 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion:	216	Resp:	127710
Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.9	92.9
179	22.6	18.4	27.6
108	20.6	17.0	25.6

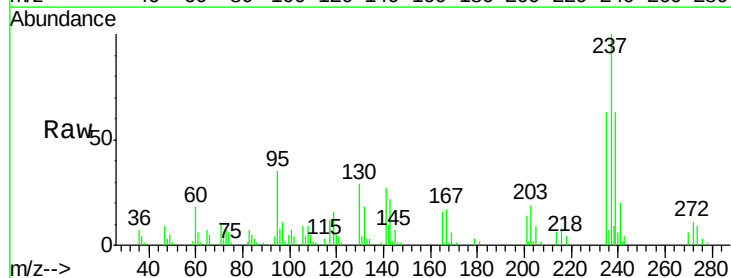


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

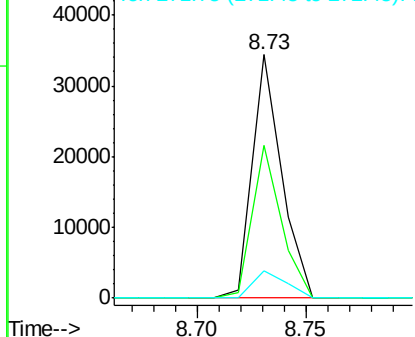
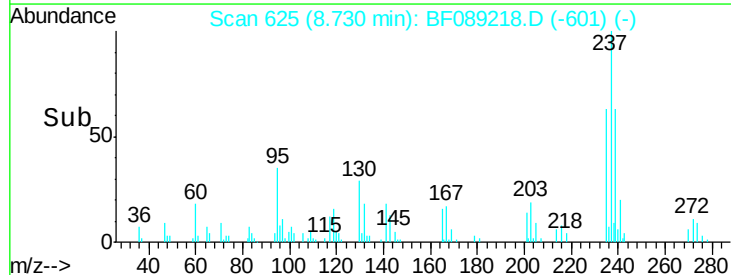


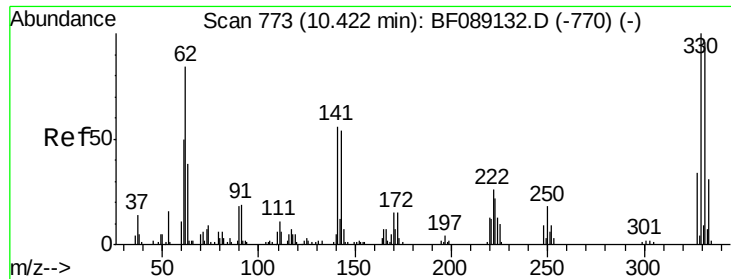
#40
 Hexachlorocyclopentadiene
 Concen: 34.57 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:	237	Resp:	32257
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.1	82.1
272	11.2	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

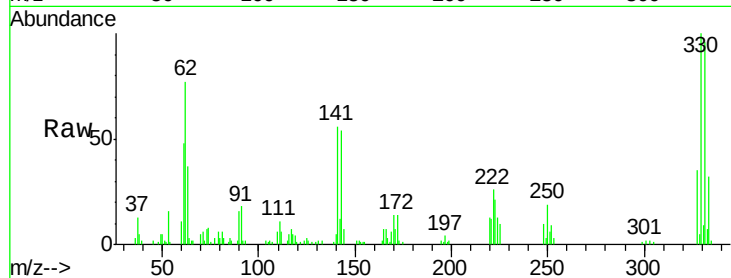




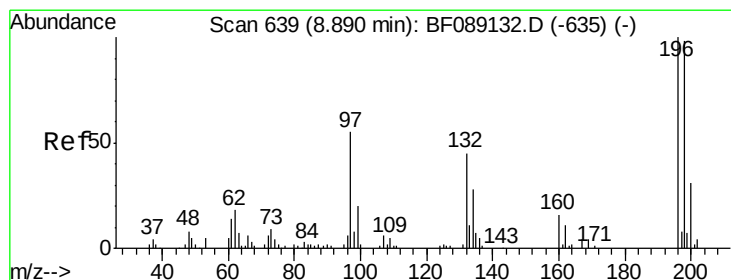
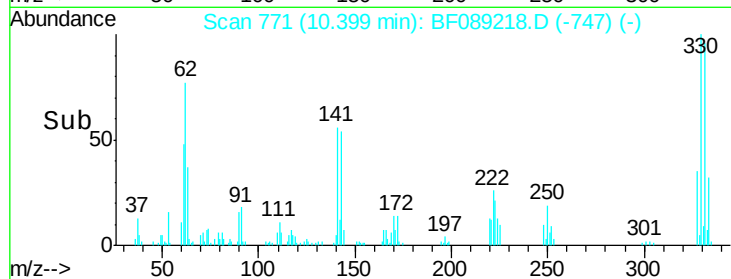
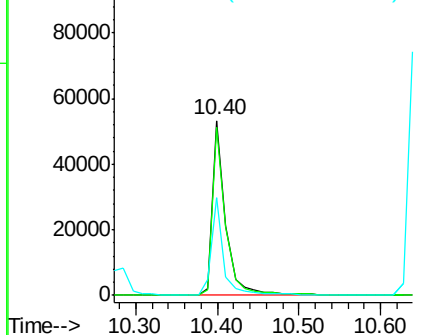
#41
 2,4,6-Tribromophenol
 Concen: 76.73 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 61334
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.2 115.8
 141 51.5 42.2 63.2

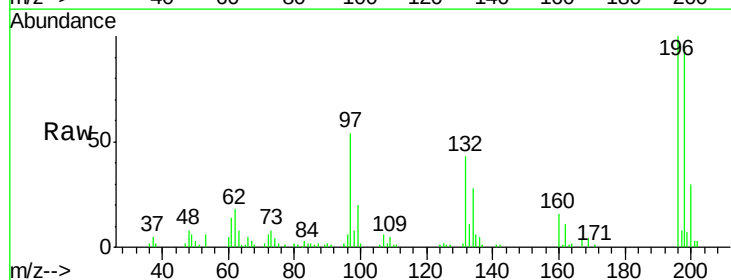


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

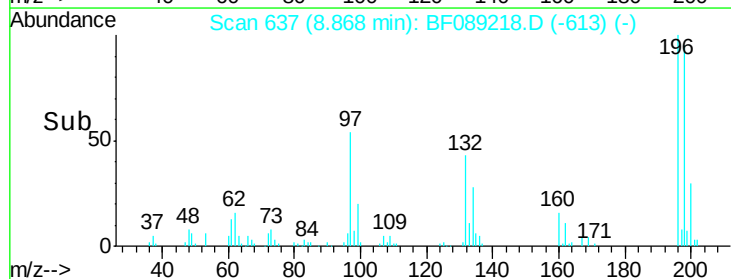
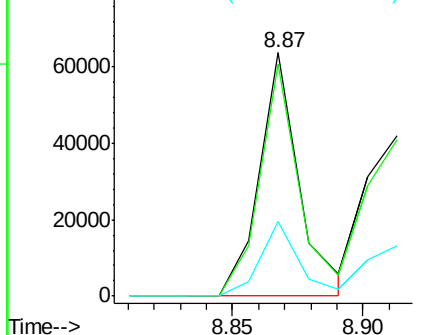


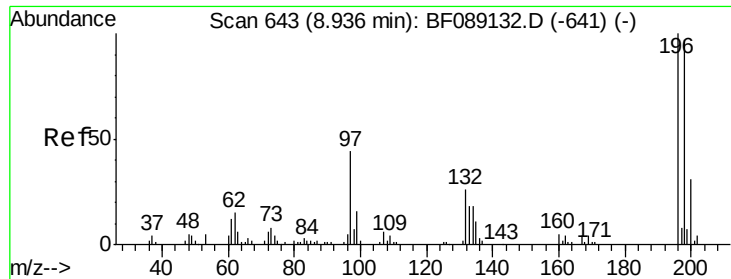
#42
 2,4,6-Trichlorophenol
 Concen: 36.37 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:196 Resp: 67170
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.3 117.5
 200 30.4 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

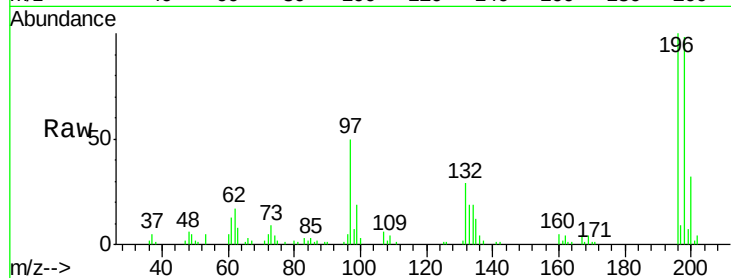




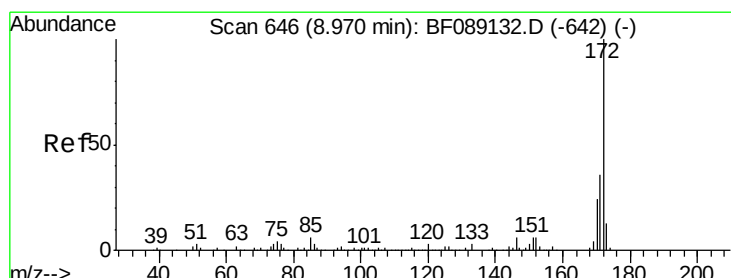
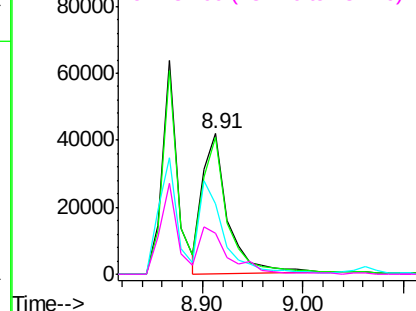
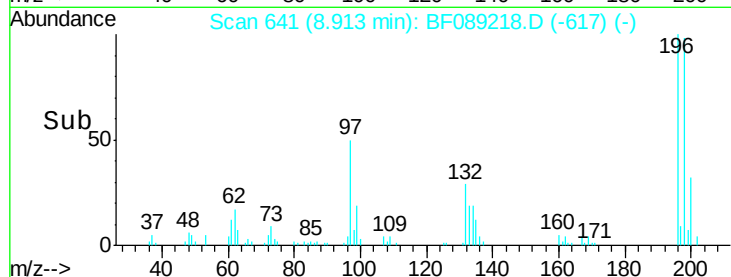
#43
 2,4,5-Trichlorophenol
 Concen: 39.33 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	77.6	116.4
97	50.2	36.5	54.7
132	28.8	21.2	31.8

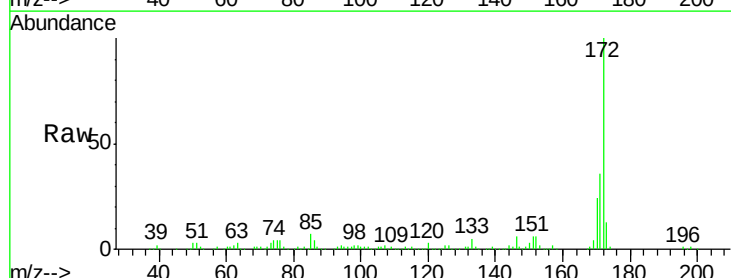


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

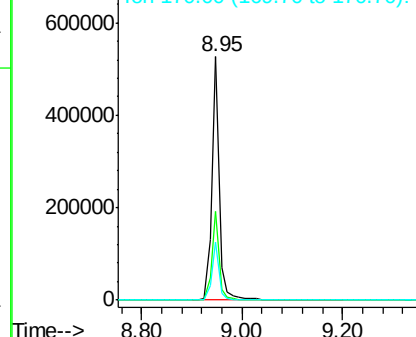
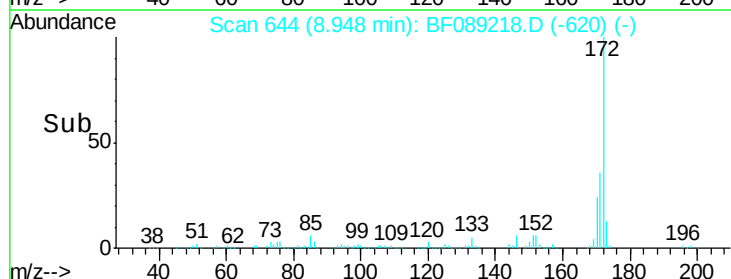


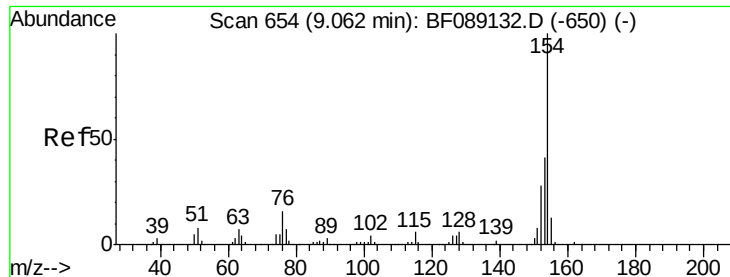
#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.0	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

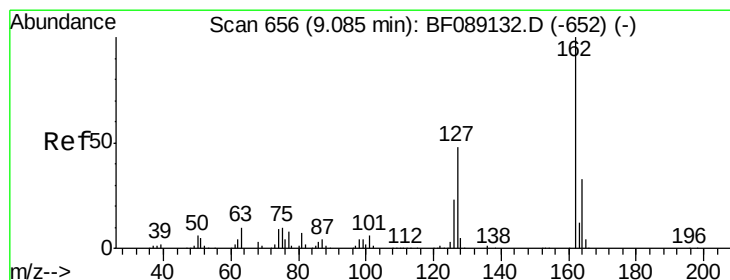
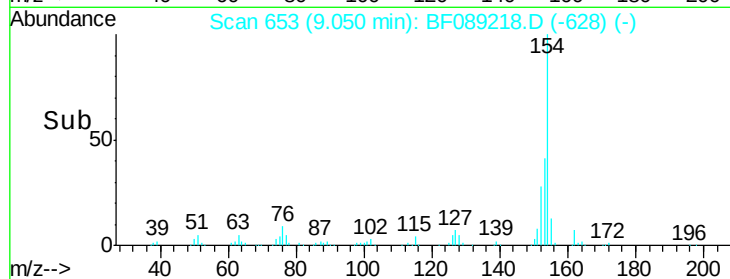
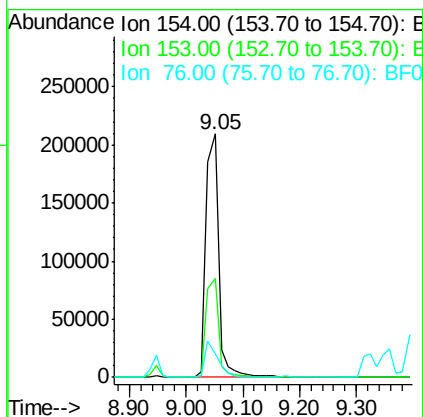
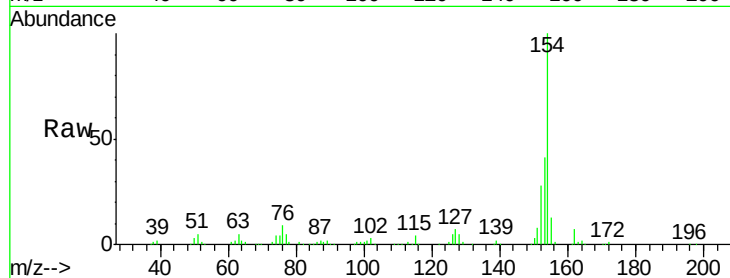




#45
 1,1'-Biphenyl
 Concen: 38.83 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

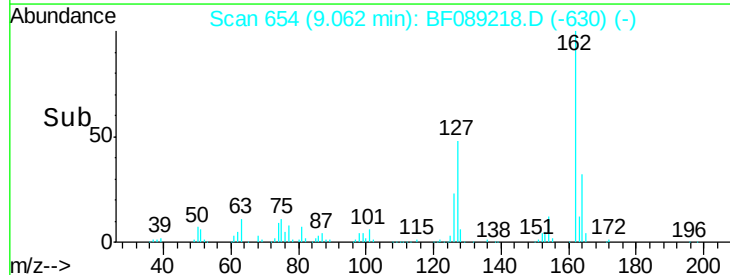
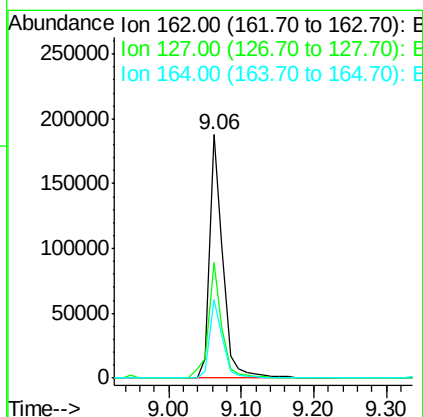
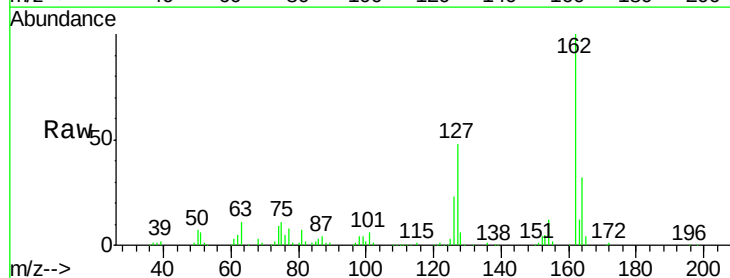
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

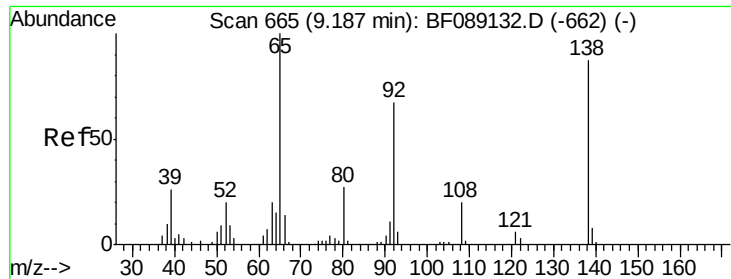
Tgt Ion:154 Resp: 310422
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.1 61.1
 76 9.5 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 39.01 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:162 Resp: 237018
 Ion Ratio Lower Upper
 162 100
 127 47.7 38.1 57.1
 164 32.2 26.1 39.1

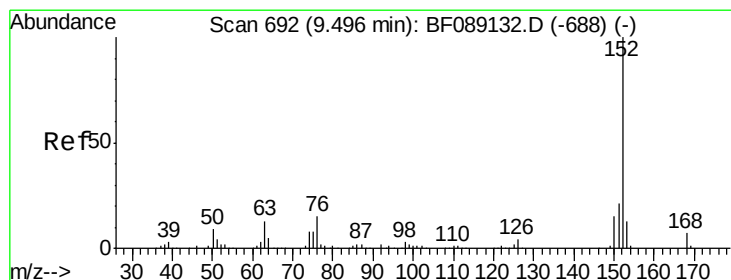
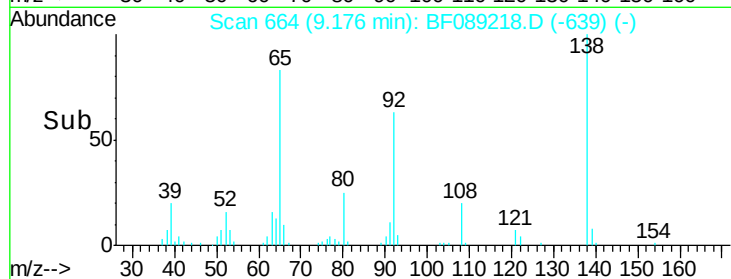
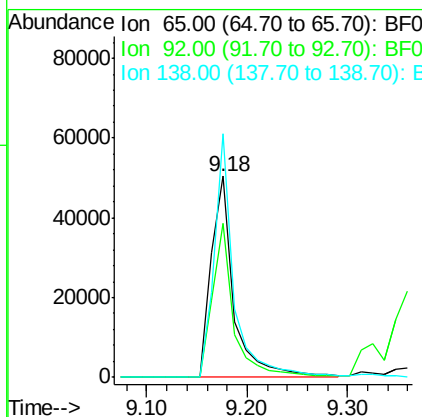
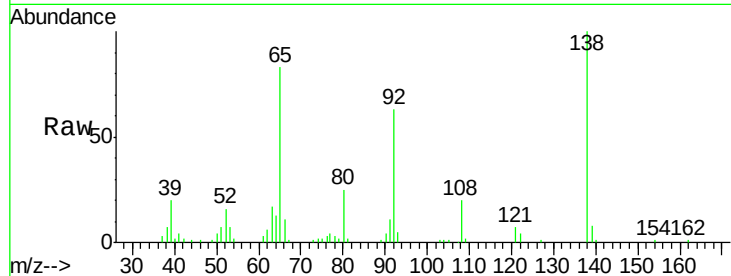




#47
2-Nitroaniline
Concen: 37.93 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

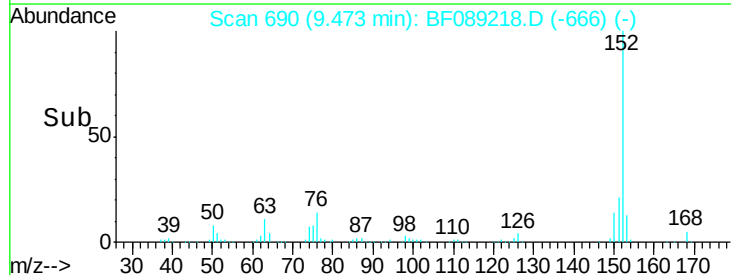
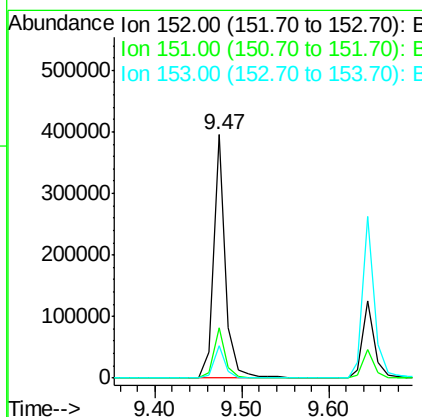
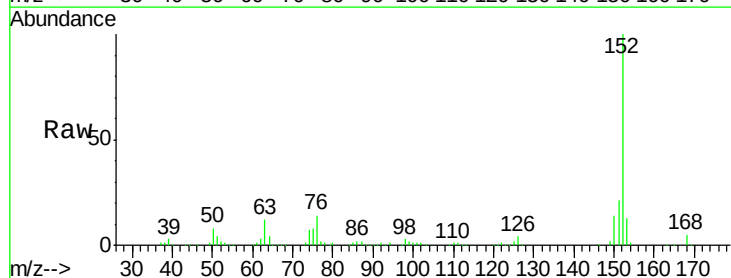
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

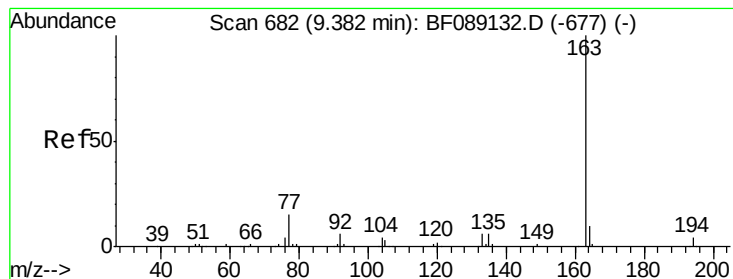
Tgt Ion: 65 Resp: 79064
Ion Ratio Lower Upper
65 100
92 76.4 53.2 79.8
138 121.1 69.4 104.2#



#48
Acenaphthylene
Concen: 39.76 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion: 152 Resp: 379751
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 40.73 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

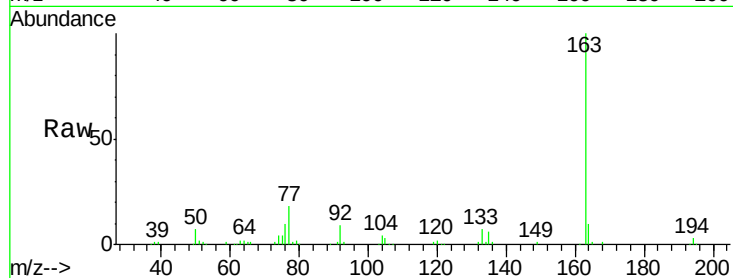
Tgt Ion:163 Resp: 277493

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

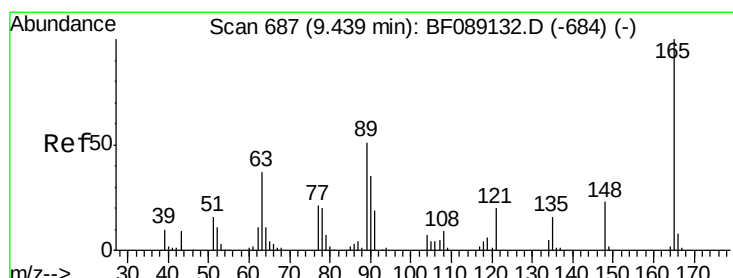
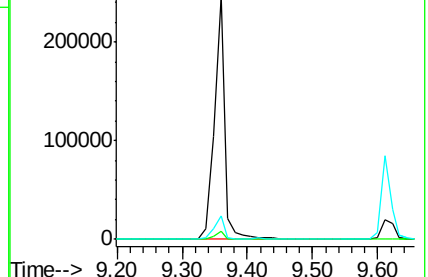
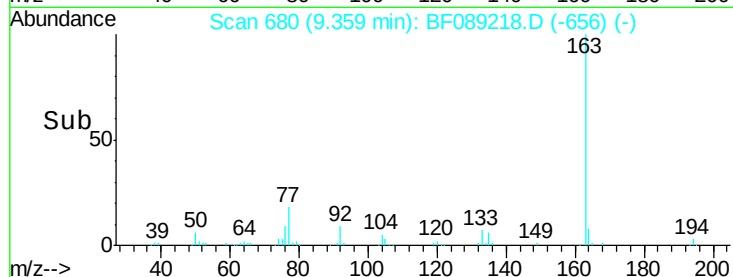
164 9.8 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.47 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

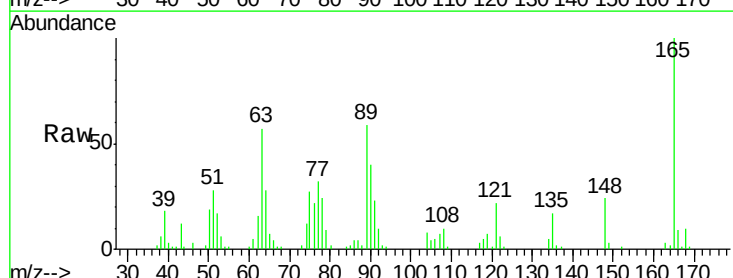
Tgt Ion:165 Resp: 60714

Ion Ratio Lower Upper

165 100

63 56.9 37.0 55.4#

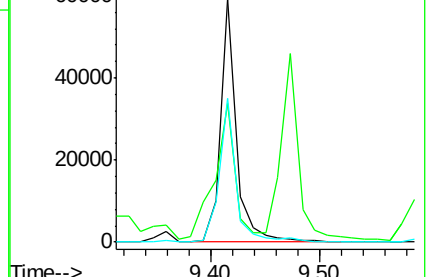
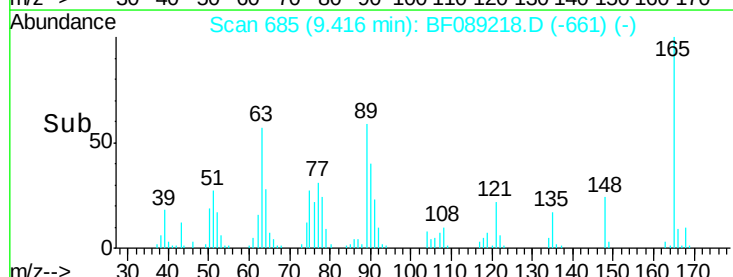
89 59.0 40.9 61.3

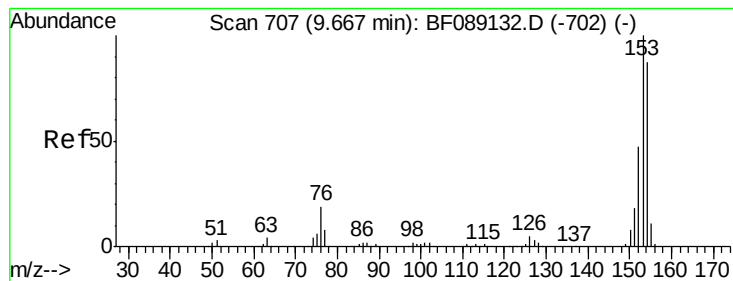


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.34 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

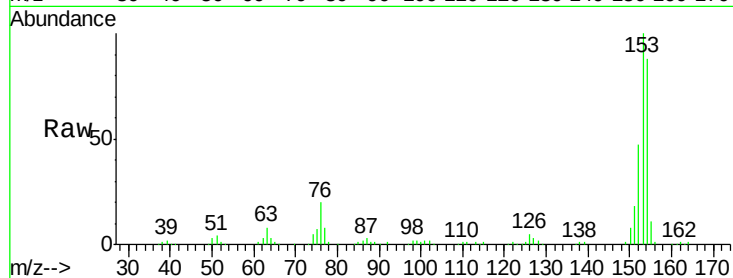
Tgt Ion:154 Resp: 216644

Ion Ratio Lower Upper

154 100

153 113.2 91.9 137.9

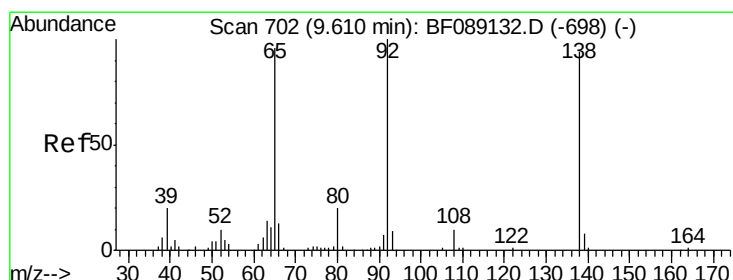
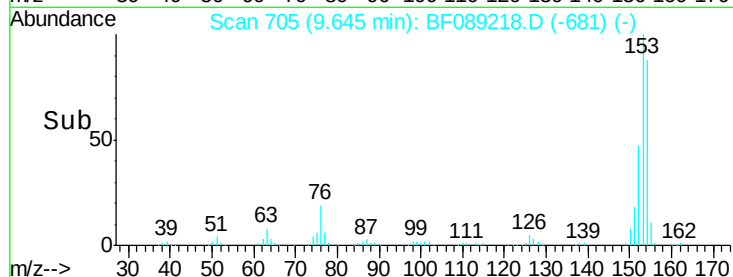
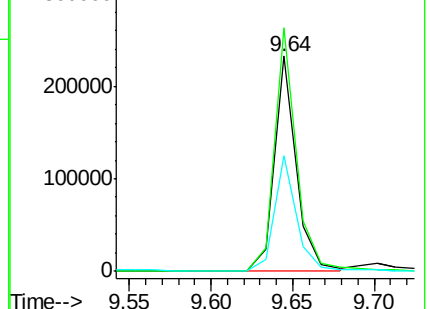
152 53.6 42.8 64.2



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: 38.94 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

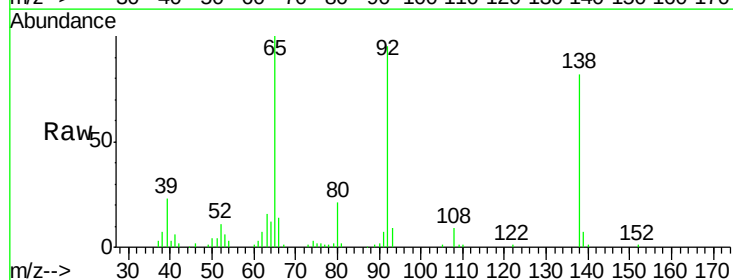
Tgt Ion:138 Resp: 71121

Ion Ratio Lower Upper

138 100

108 11.3 8.8 13.2

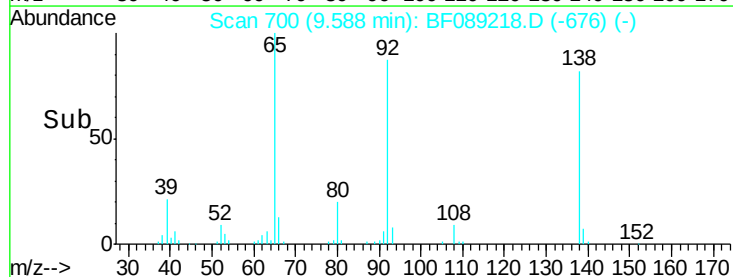
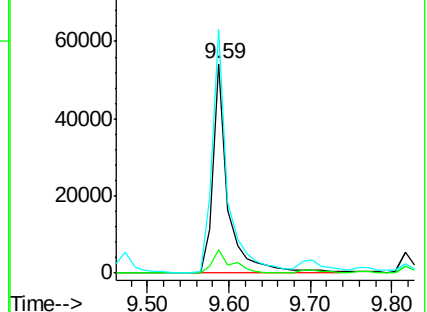
92 116.3 85.3 127.9

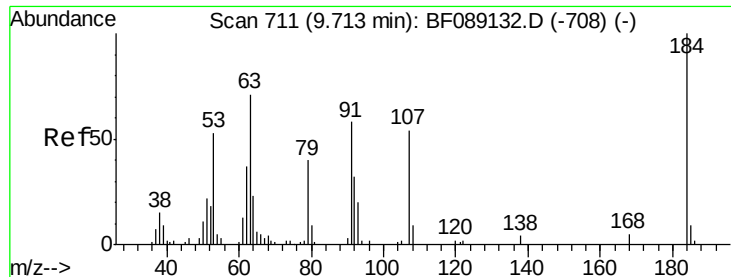


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

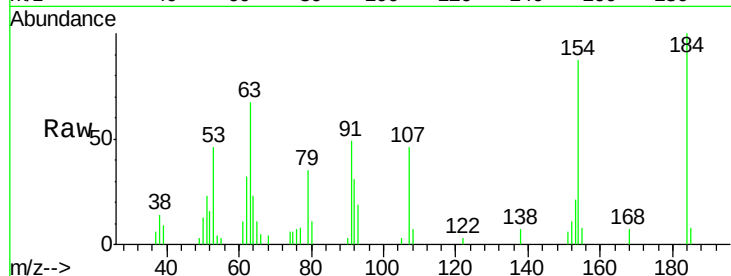




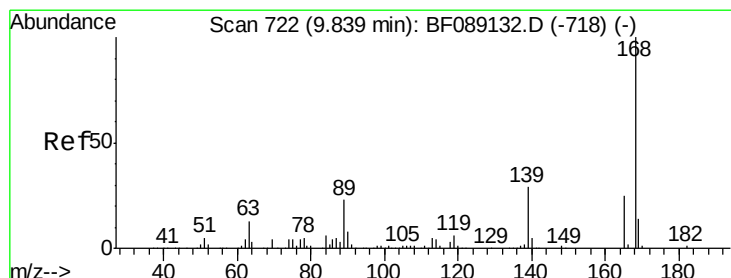
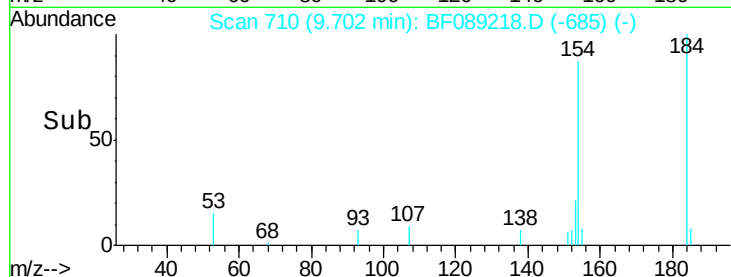
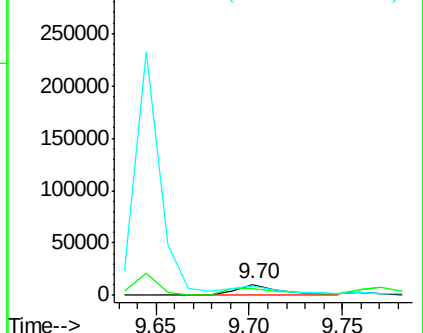
#53
 2,4-Dinitrophenol
 Concen: 29.31 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 18240
 Ion Ratio Lower Upper
 184 100
 63 66.9 60.3 90.5
 154 86.8 60.7 91.1

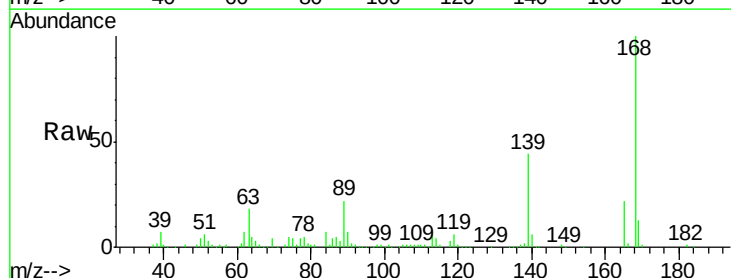


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

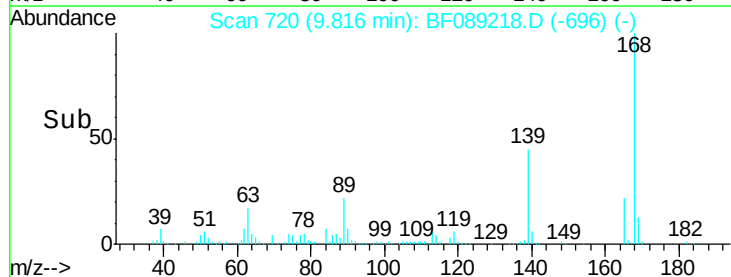
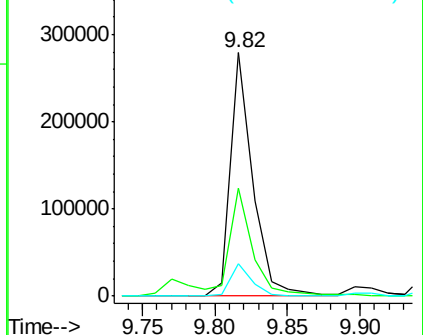


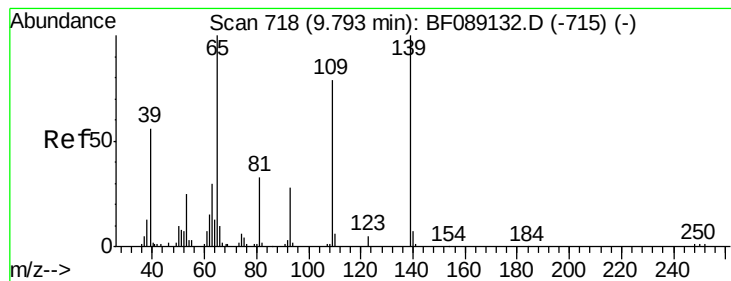
#54
 Dibenzofuran
 Concen: 39.34 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:168 Resp: 300388
 Ion Ratio Lower Upper
 168 100
 139 44.5 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: 26.27 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

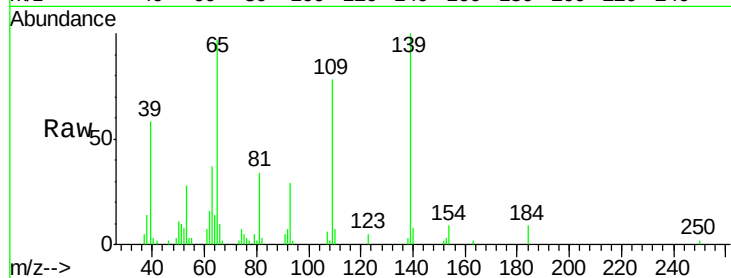
Tgt Ion:139 Resp: 29030

Ion Ratio Lower Upper

139 100

109 77.8 58.7 98.7

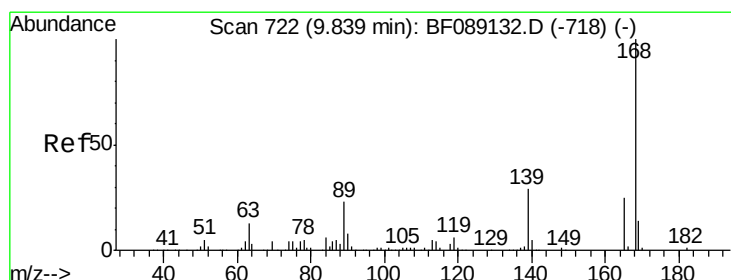
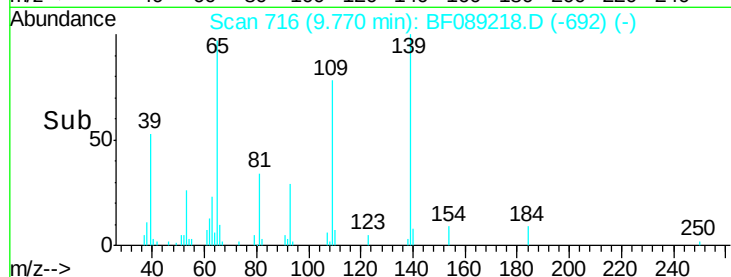
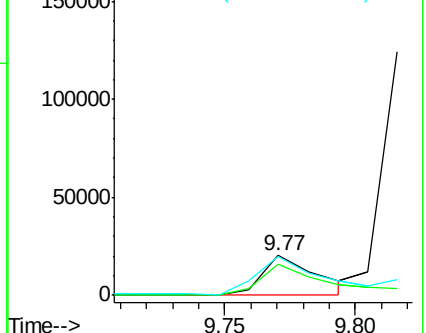
65 97.2 80.2 120.2



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: 38.67 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Tgt Ion:165 Resp: 76618

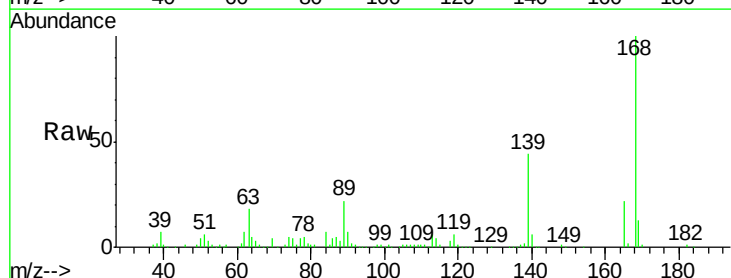
Ion Ratio Lower Upper

165 100

63 78.8 55.4 83.2

89 99.9 74.3 111.5

182 2.3 2.0 3.0

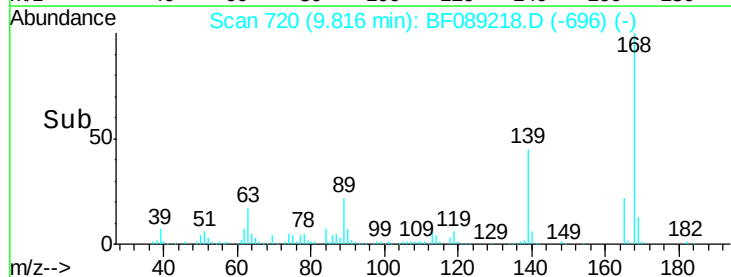
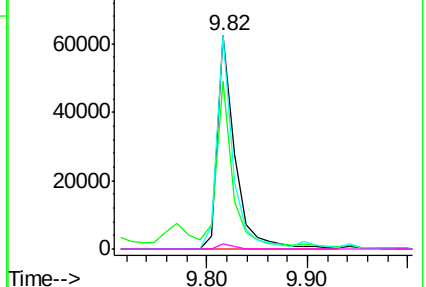


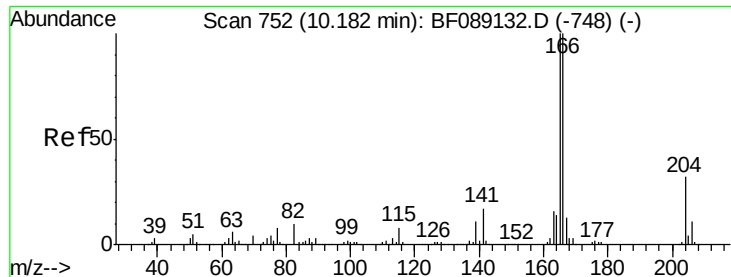
Abundance Ion 165.00 (164.70 to 165.70): E

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

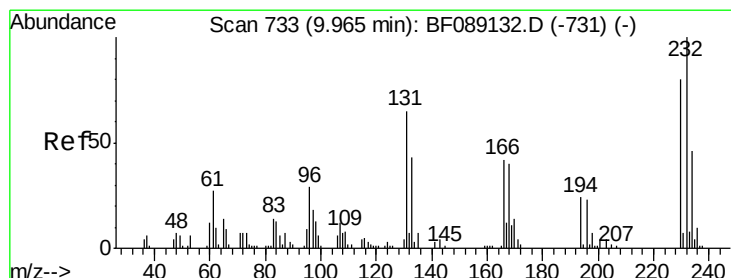
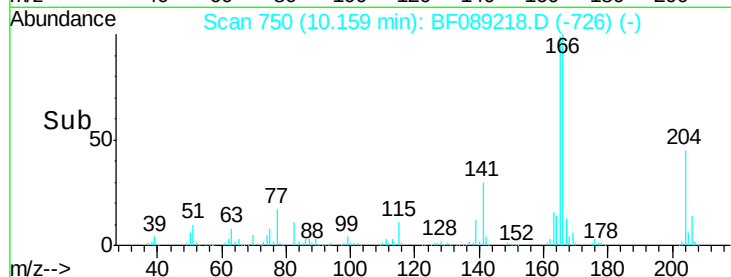
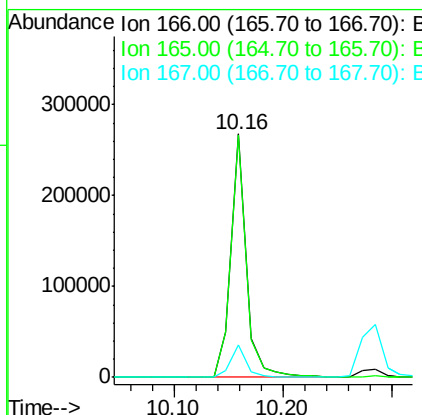
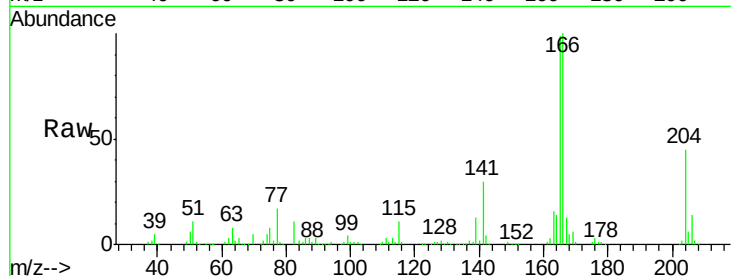




#57
 Fluorene
 Concen: 40.79 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

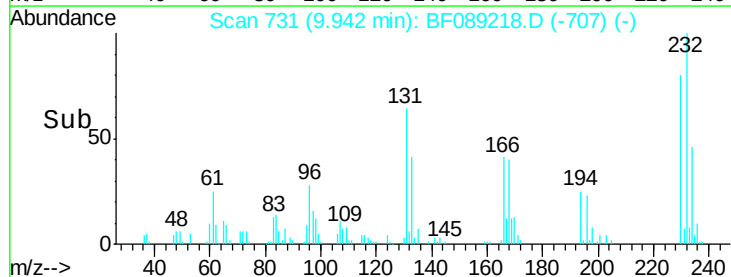
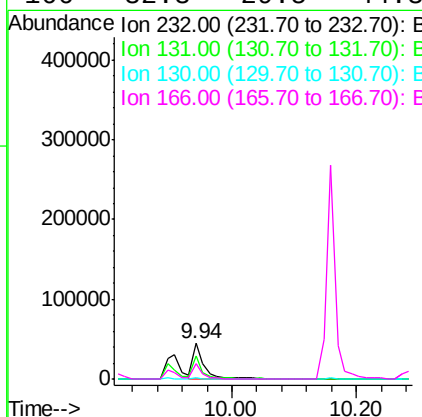
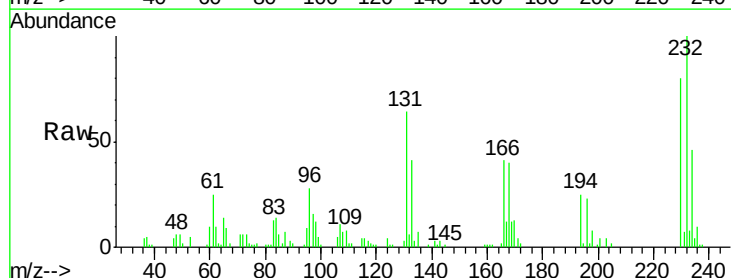
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

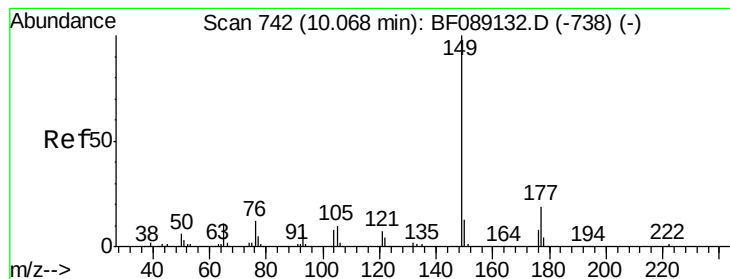
Tgt Ion:166 Resp: 264355
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.9 119.9
 167 13.5 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.38 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:232 Resp: 59093
 Ion Ratio Lower Upper
 232 100
 131 49.3 46.2 69.2
 130 2.3 2.3 3.5
 166 32.3 29.5 44.3





#59

Diethylphthalate

Concen: 38.58 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

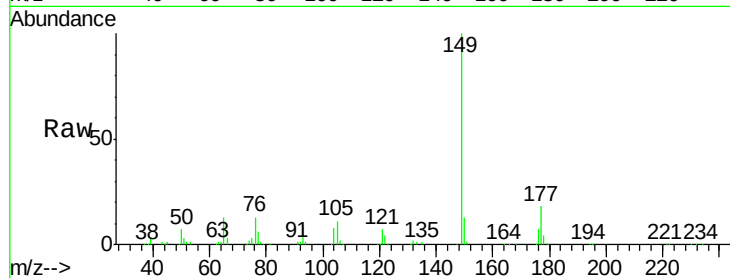
Tgt Ion:149 Resp: 260633

Ion Ratio Lower Upper

149 100

177 18.4 15.6 23.4

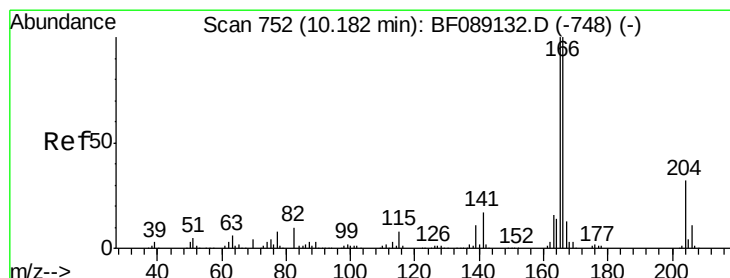
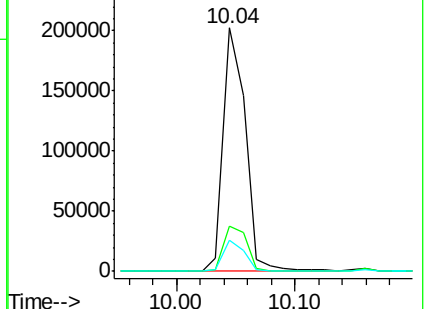
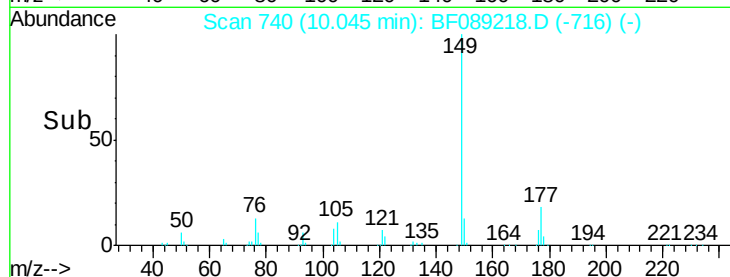
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.45 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

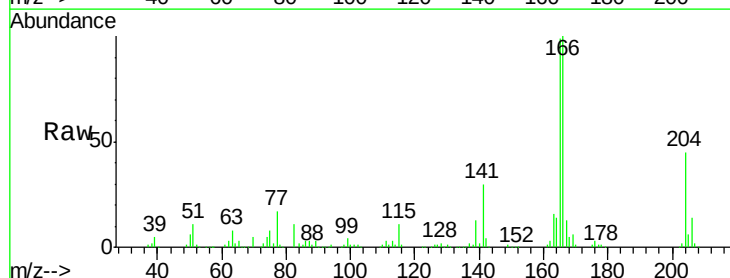
Tgt Ion:204 Resp: 119686

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.4

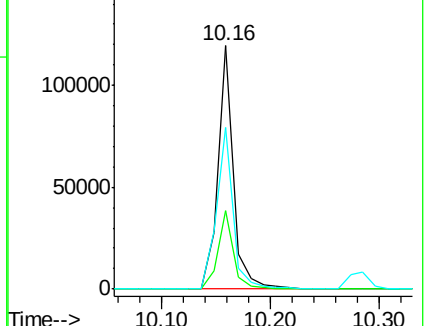
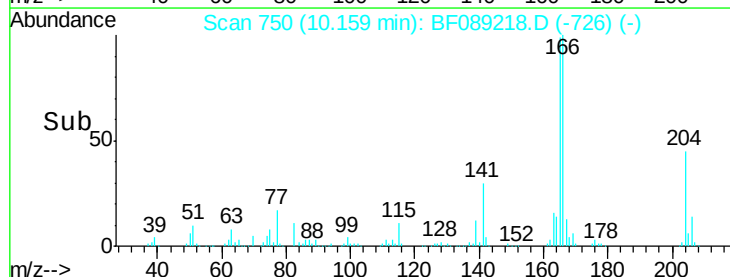
141 66.2 42.2 63.4#

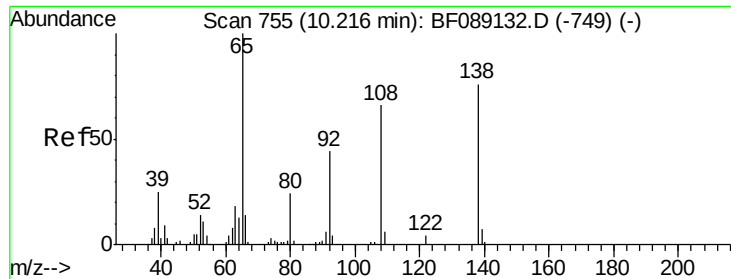


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

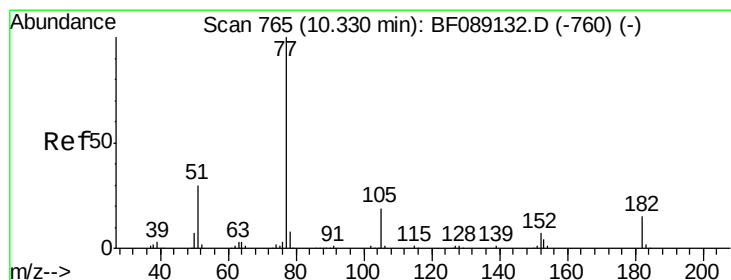
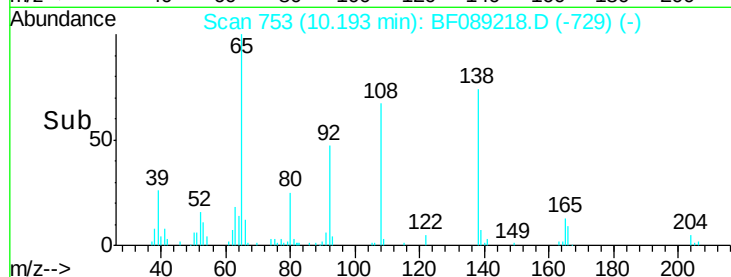
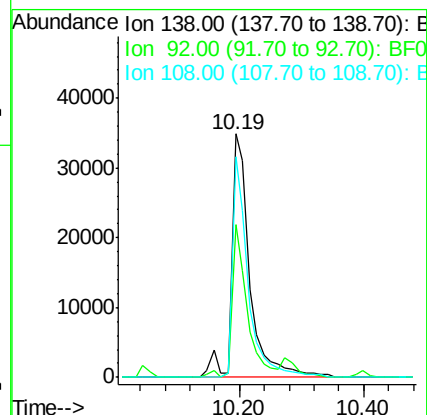
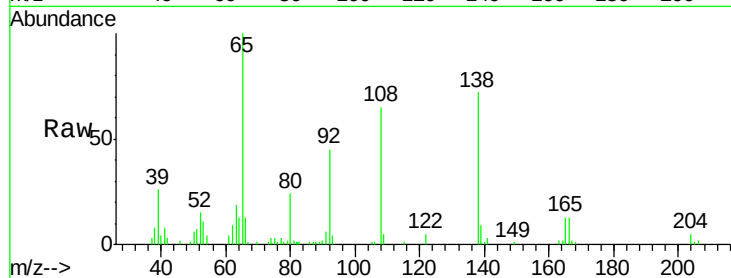




#61
4-Nitroaniline
Concen: 39.77 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

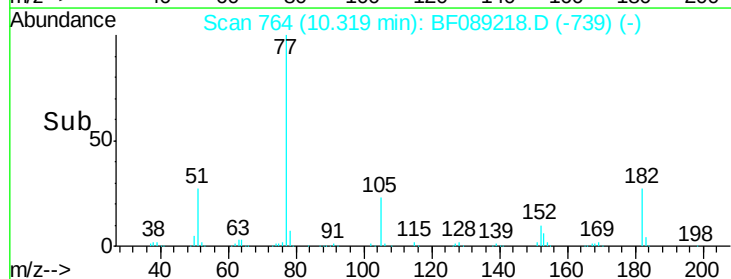
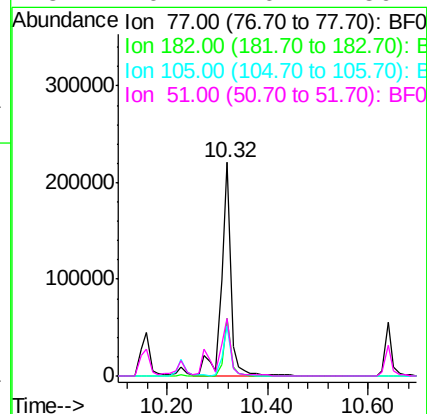
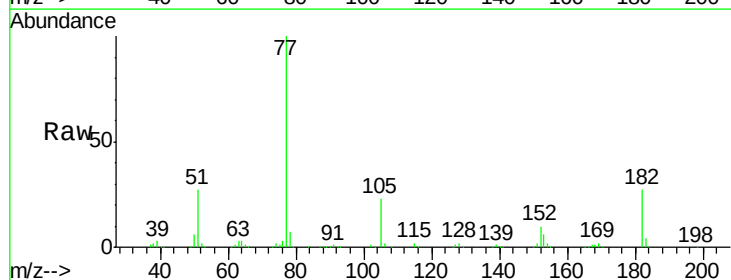
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

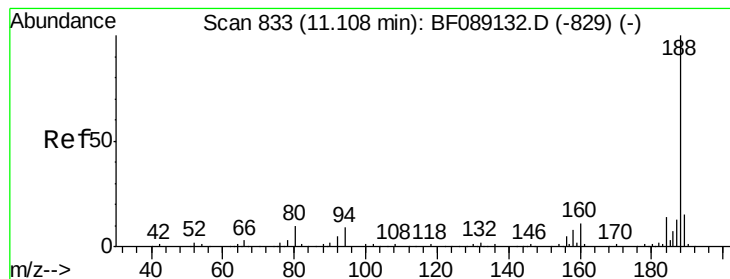
Tgt Ion:138 Resp: 70689
Ion Ratio Lower Upper
138 100
92 62.7 37.2 77.2
108 90.4 66.1 106.1



#62
Azobenzene
Concen: 39.46 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion: 77 Resp: 289733
Ion Ratio Lower Upper
77 100
182 27.0 0.0 35.0
105 23.1 0.0 39.4
51 26.7 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

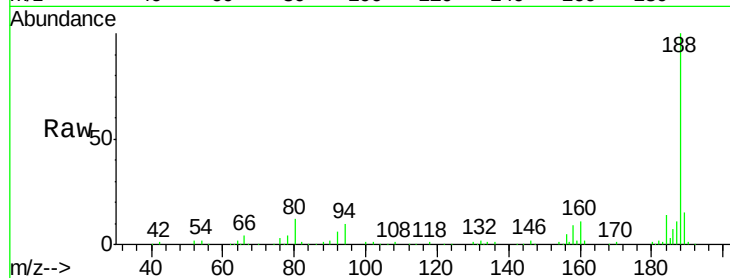
Tgt Ion:188 Resp: 173471

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.4

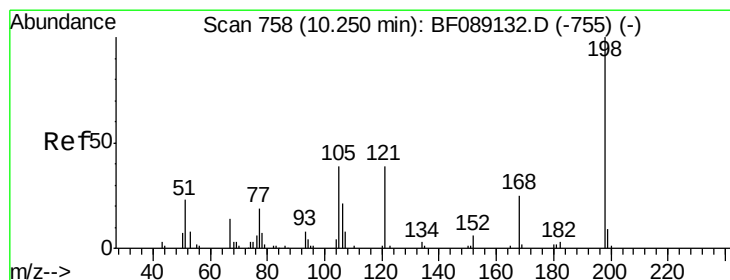
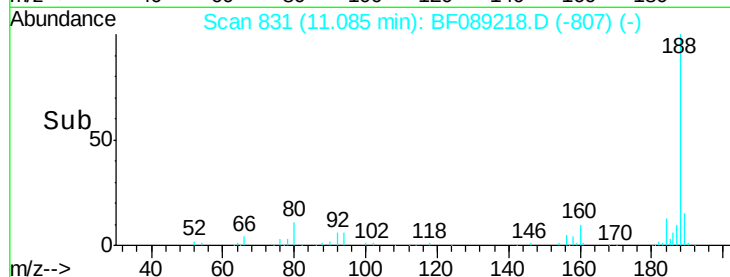
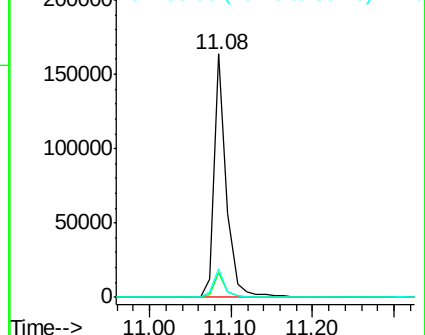
80 11.7 7.7 11.5#



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: 39.20 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

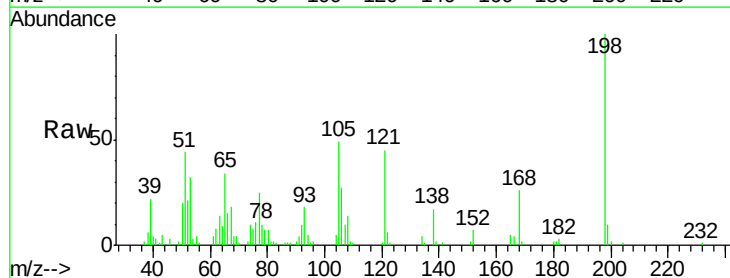
Tgt Ion:198 Resp: 39586

Ion Ratio Lower Upper

198 100

51 43.6 11.7 51.7

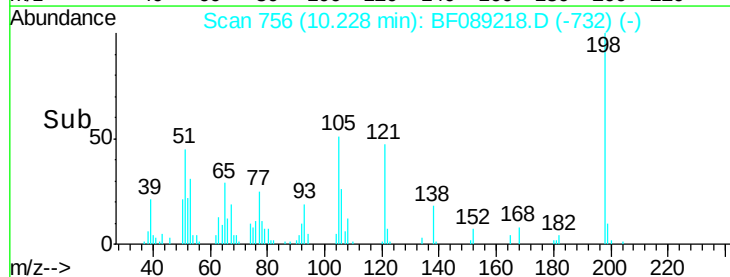
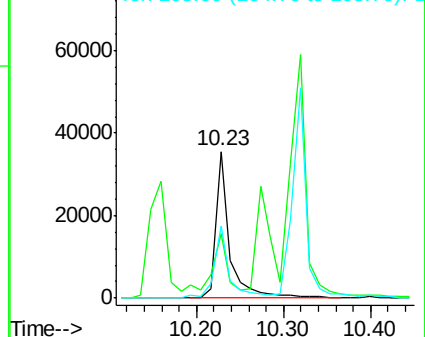
105 48.8 20.3 60.3

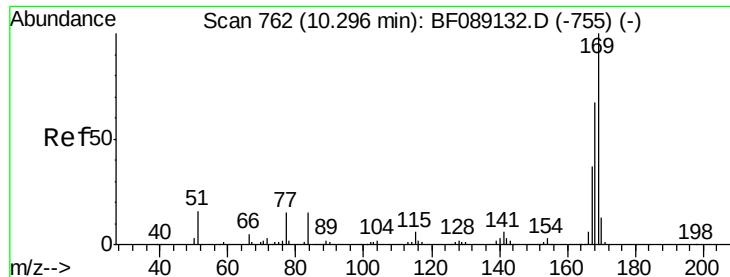


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.93 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

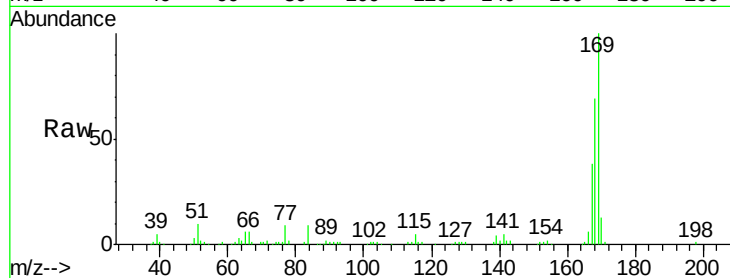
Tgt Ion:169 Resp: 225698

Ion Ratio Lower Upper

169 100

168 69.4 53.4 80.0

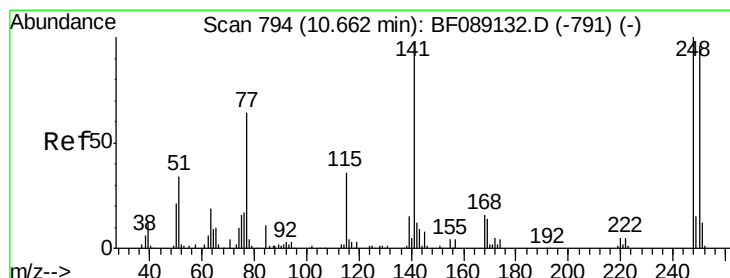
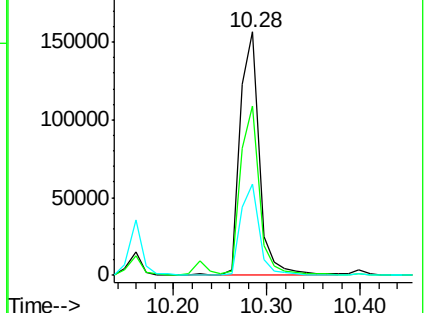
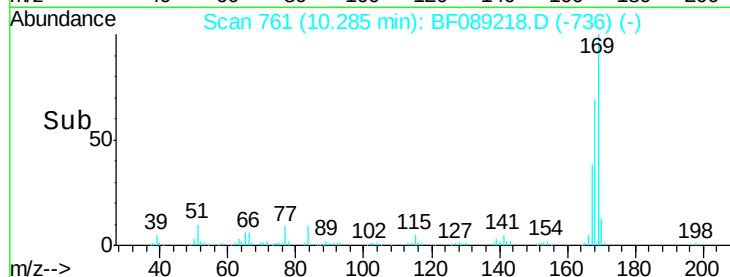
167 37.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.61 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

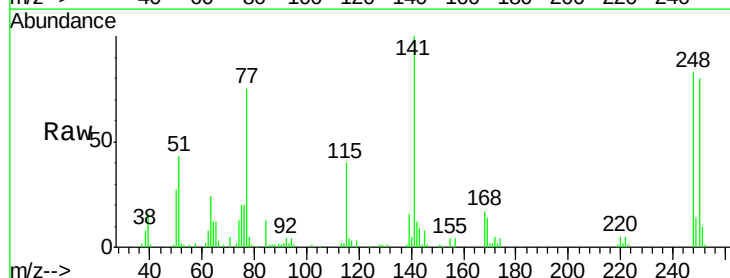
Tgt Ion:248 Resp: 68000

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

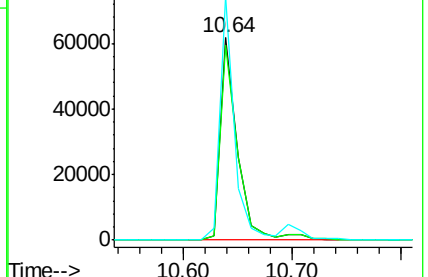
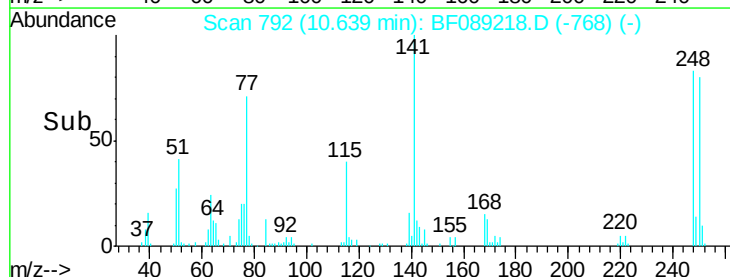
141 120.5 77.4 116.2#

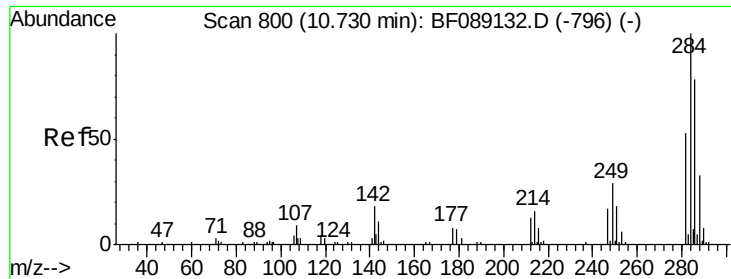


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.56 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

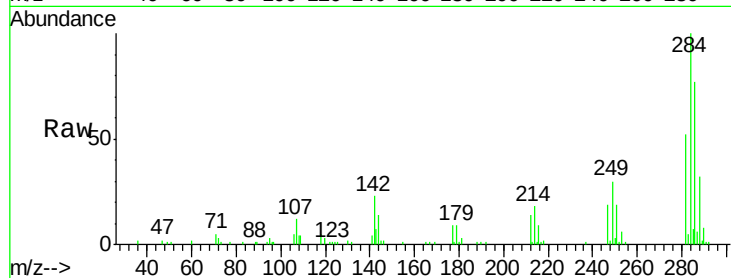
Tgt Ion:284 Resp: 71187

Ion Ratio Lower Upper

284 100

142 22.8 14.1 21.1#

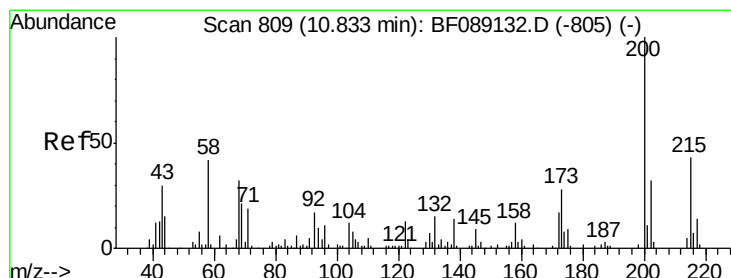
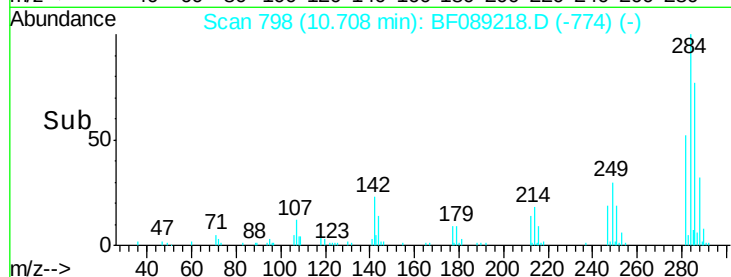
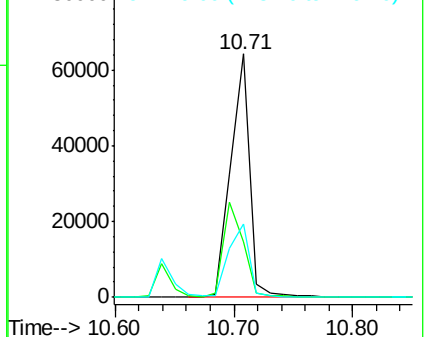
249 29.9 23.0 34.4



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: 37.06 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

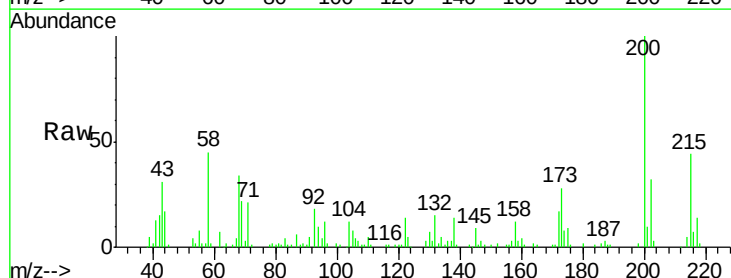
Tgt Ion:200 Resp: 67193

Ion Ratio Lower Upper

200 100

173 28.4 7.8 47.8

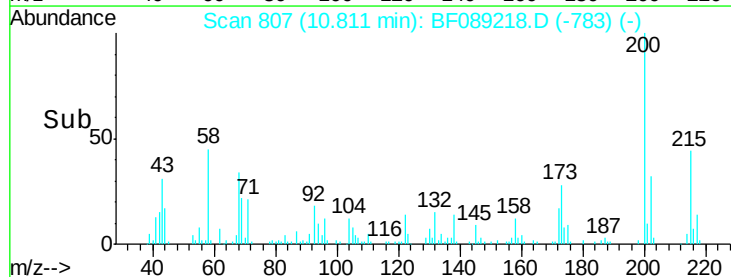
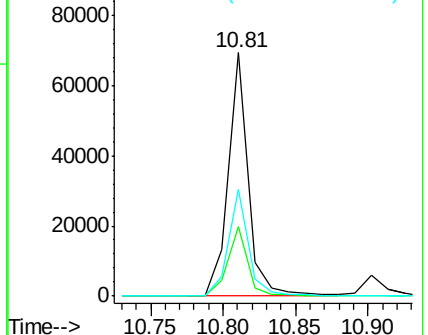
215 43.7 22.9 62.9

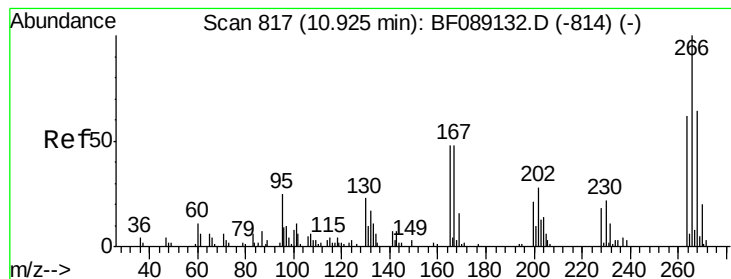


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.52 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

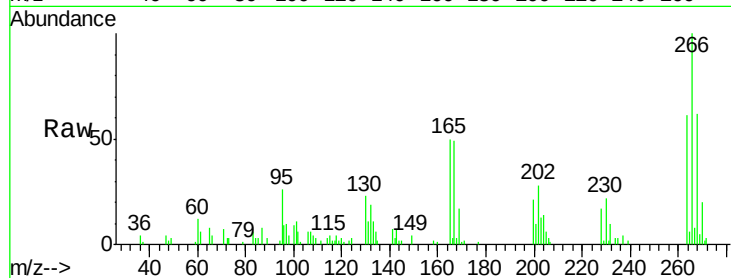
Tgt Ion:266 Resp: 32811

Ion Ratio Lower Upper

266 100

268 62.0 51.2 76.8

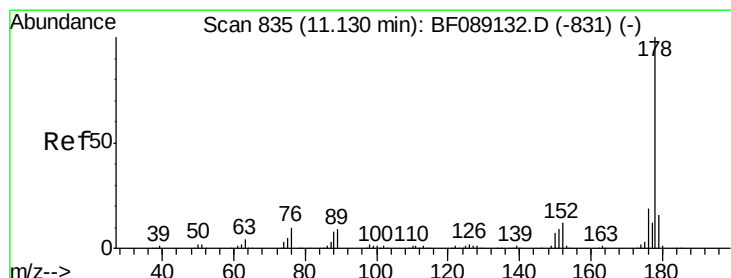
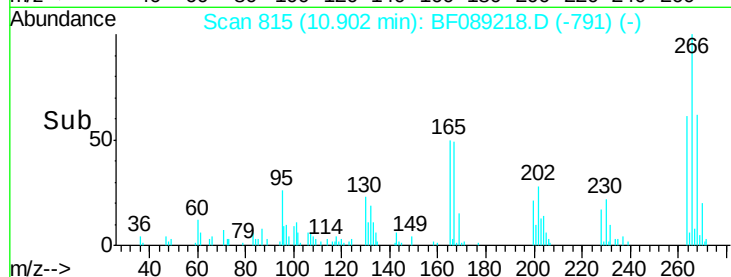
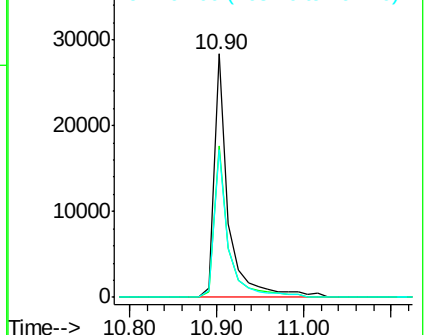
264 60.5 49.7 74.5



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: 37.74 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

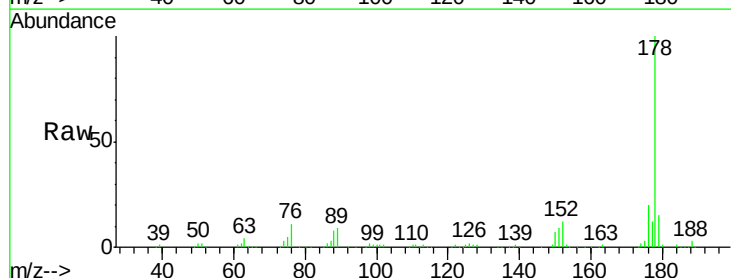
Tgt Ion:178 Resp: 359126

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

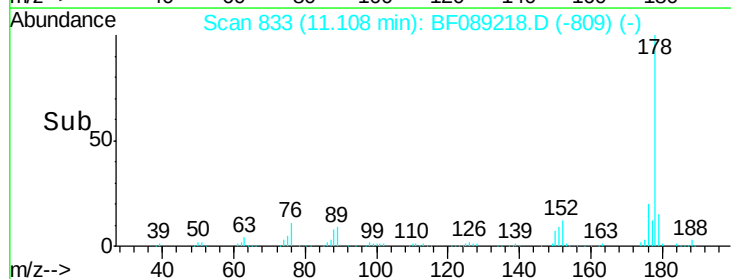
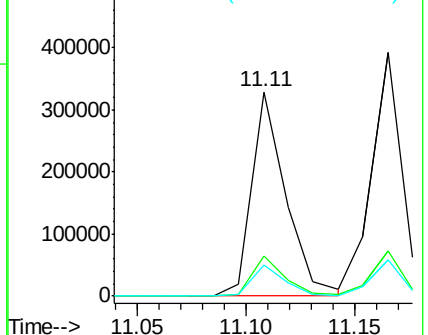
179 15.4 12.4 18.6

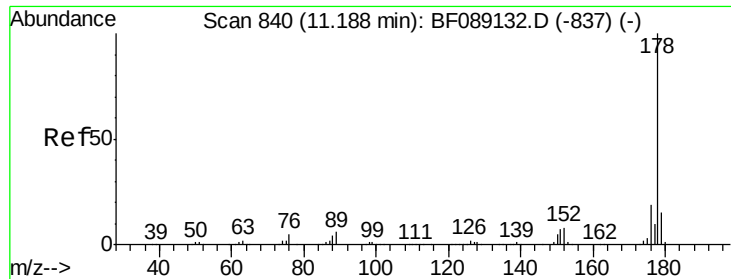


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

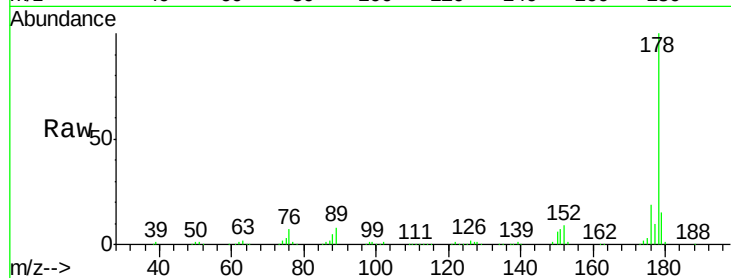




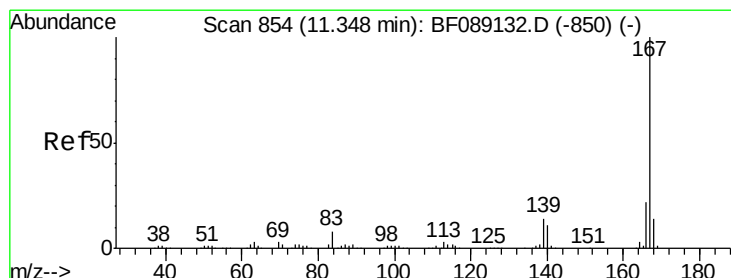
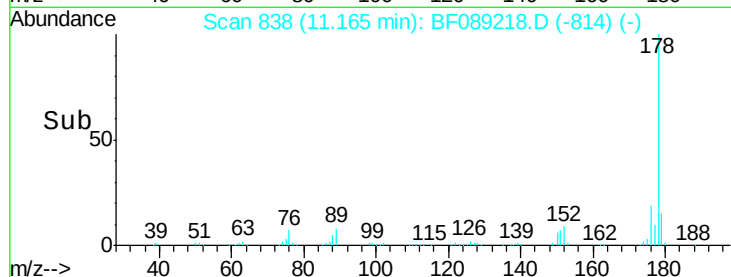
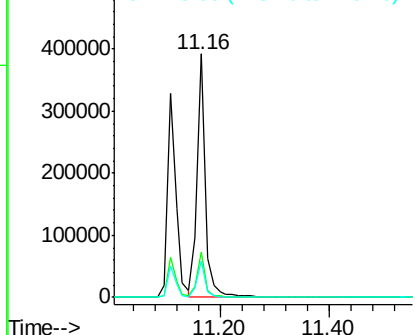
#71
 Anthracene
 Concen: 41.57 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 411151
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.1 12.0 18.0

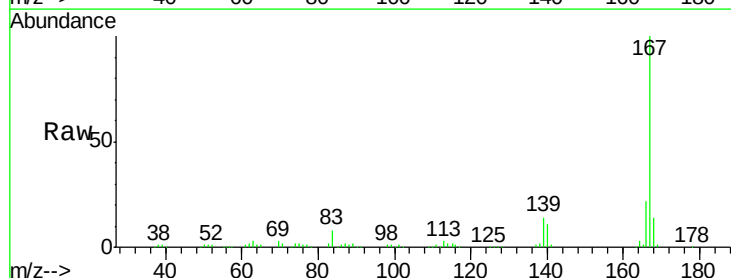


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

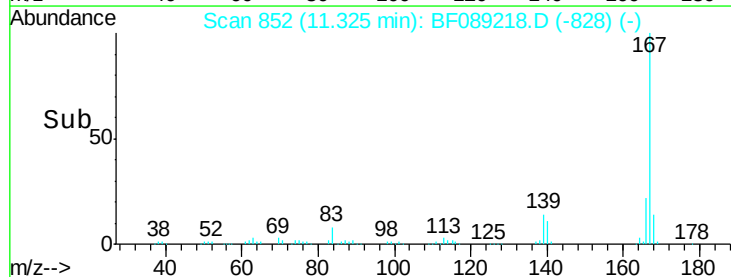
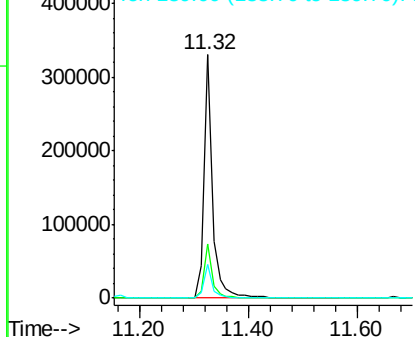


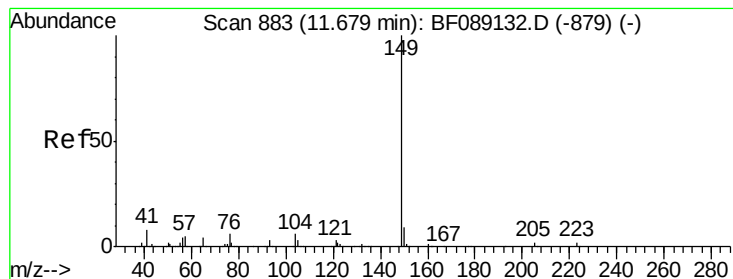
#72
 Carbazole
 Concen: 41.05 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:167 Resp: 356622
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.6 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: 41.37 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

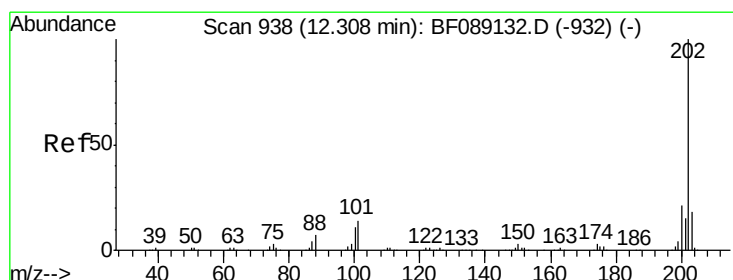
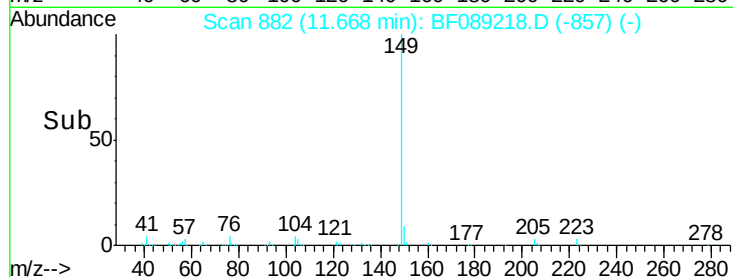
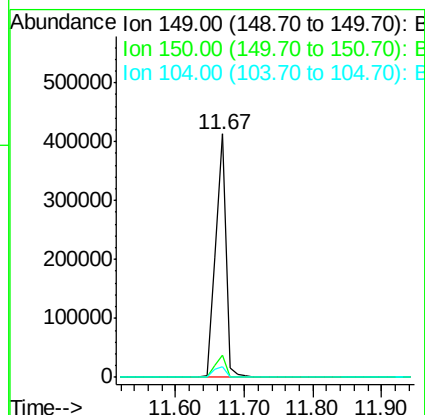
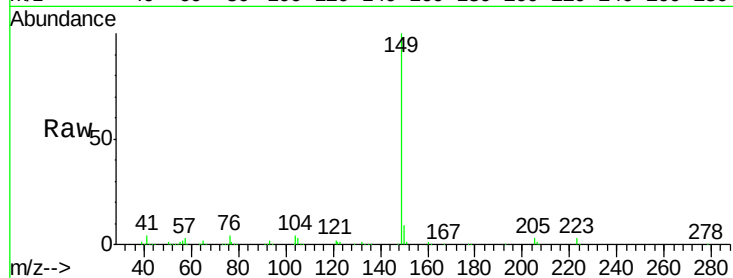
Tgt Ion:149 Resp: 444535

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.4 4.6 6.8#



#74

Fluoranthene

Concen: 37.92 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

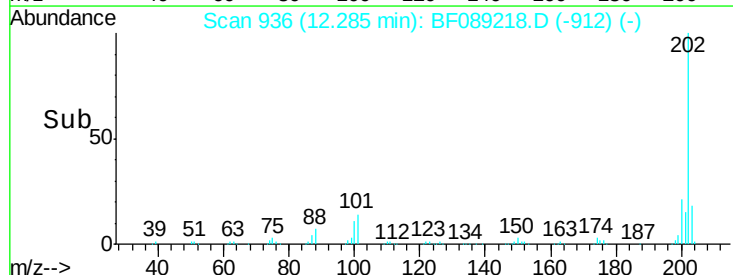
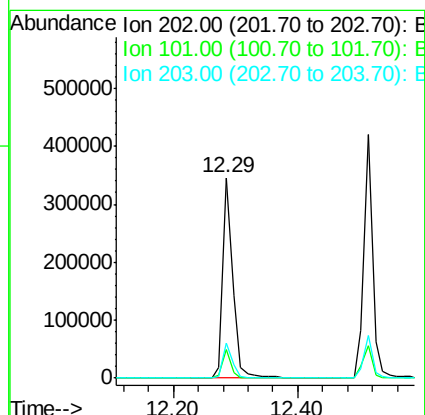
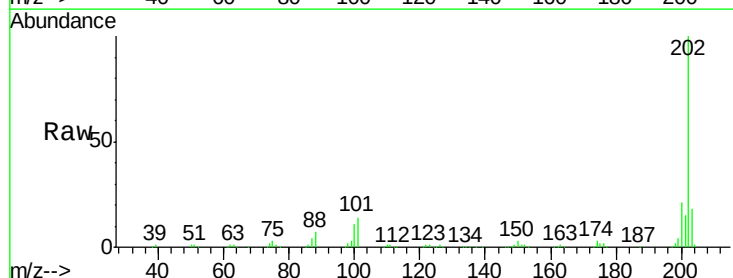
Tgt Ion:202 Resp: 379337

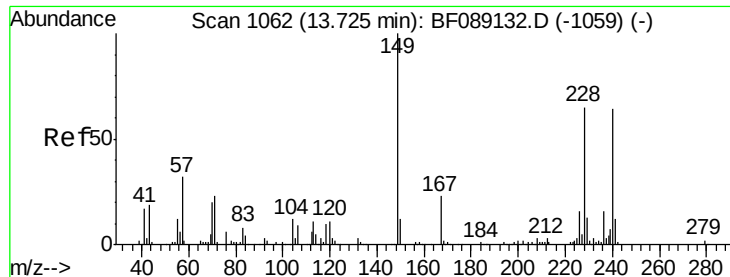
Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.0

203 17.8 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

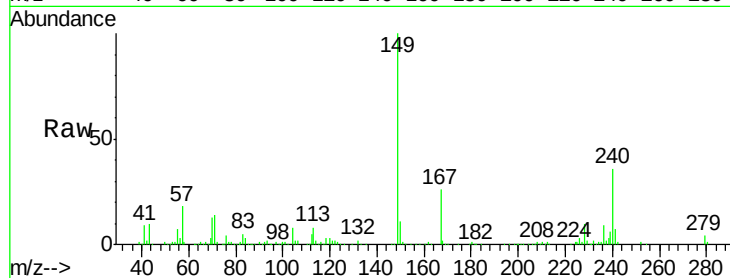
Tgt Ion:240 Resp: 117103

Ion Ratio Lower Upper

240 100

120 8.3 13.6 20.4#

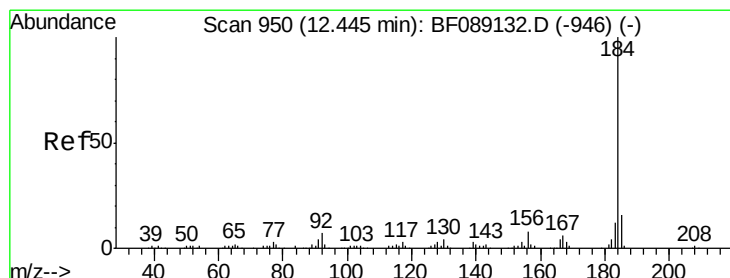
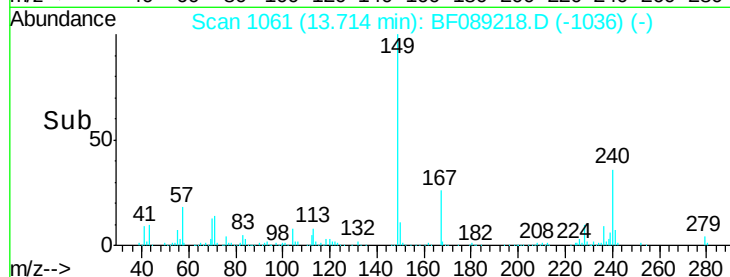
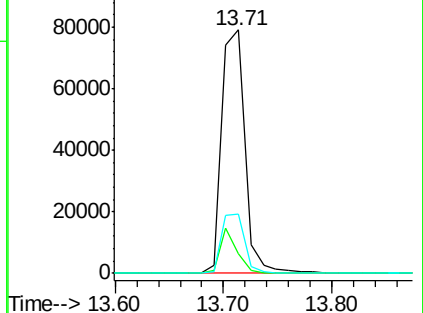
236 24.6 20.5 30.7



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: 38.23 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

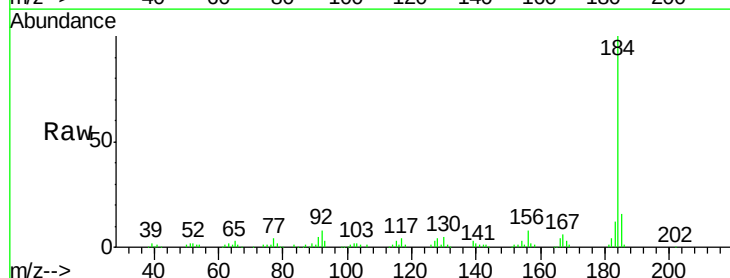
Tgt Ion:184 Resp: 153897

Ion Ratio Lower Upper

184 100

185 15.8 12.5 18.7

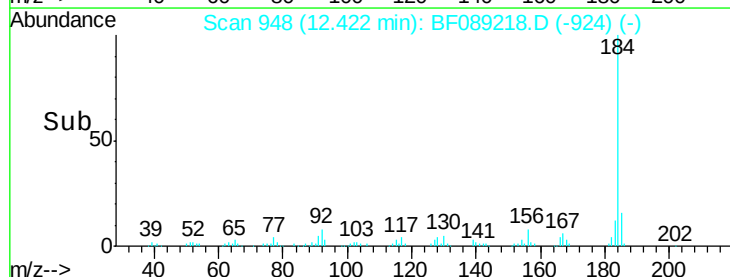
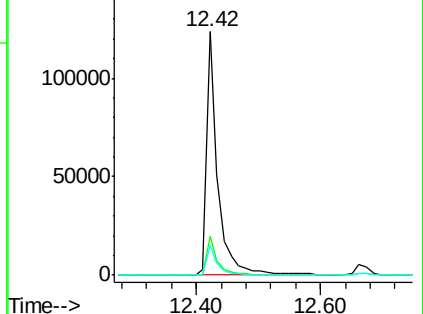
183 12.3 9.6 14.4

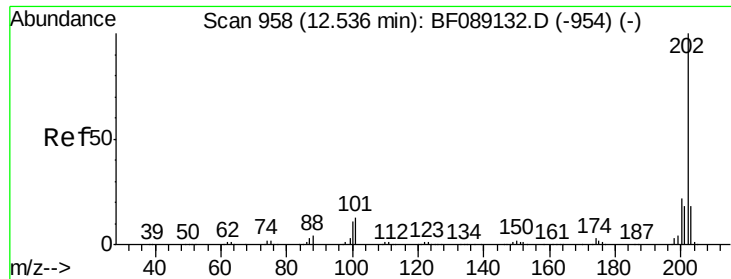


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

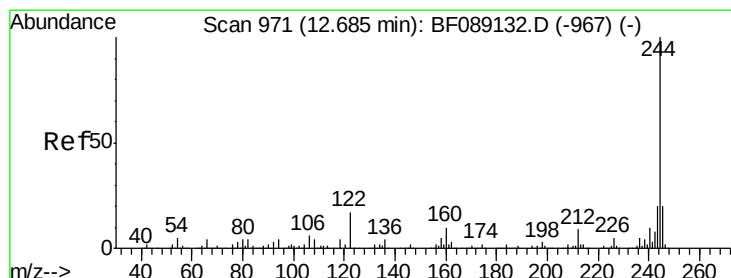
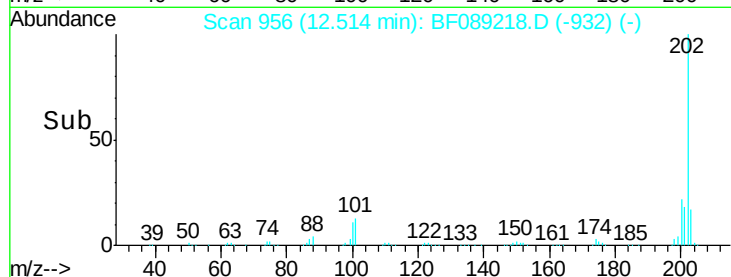
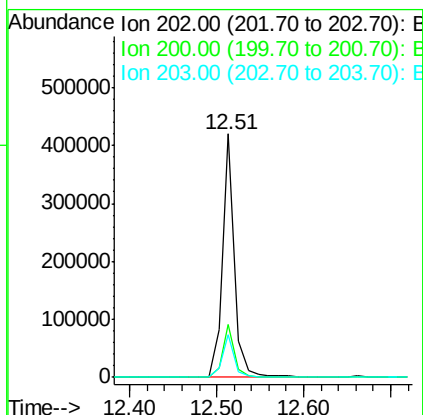
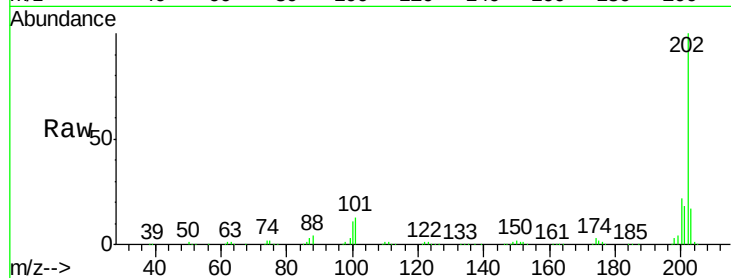




#77
Pyrene
 Concen: 42.12 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

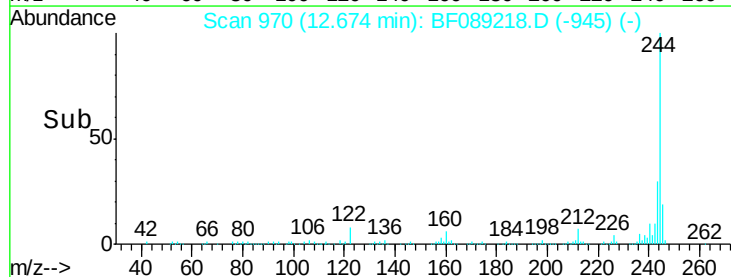
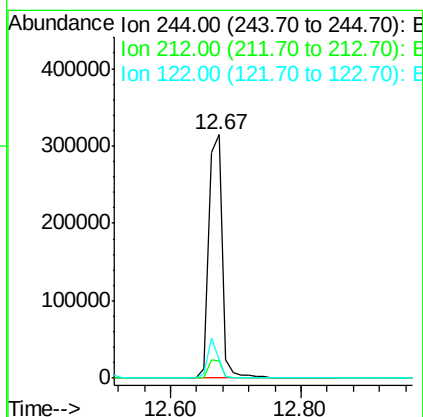
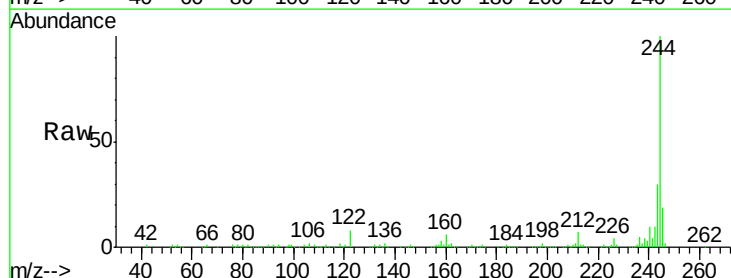
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

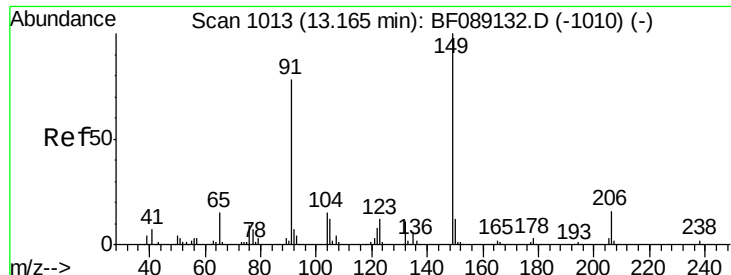
Tgt Ion:202 Resp: 407333
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.0
 203 17.4 14.2 21.2



#78
Terphenyl-d14
 Concen: 84.62 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion:244 Resp: 456870
 Ion Ratio Lower Upper
 244 100
 212 7.1 7.0 10.4
 122 7.6 13.8 20.8#

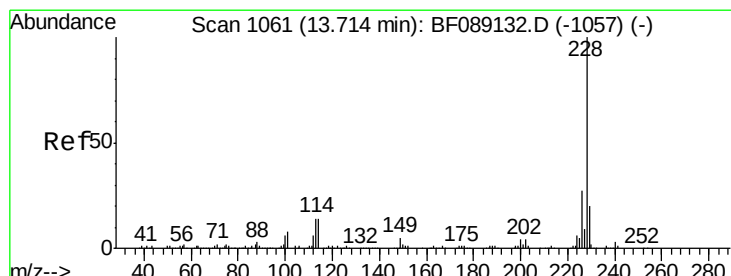
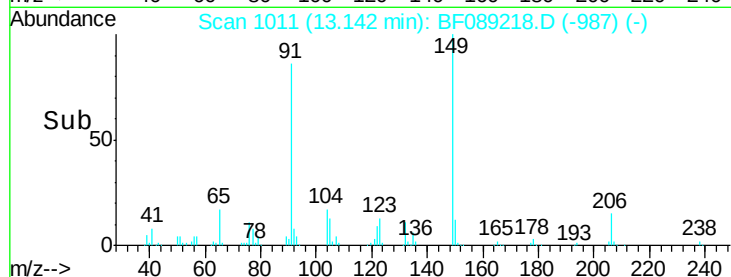
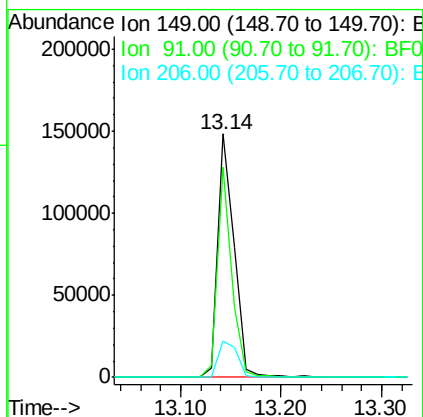
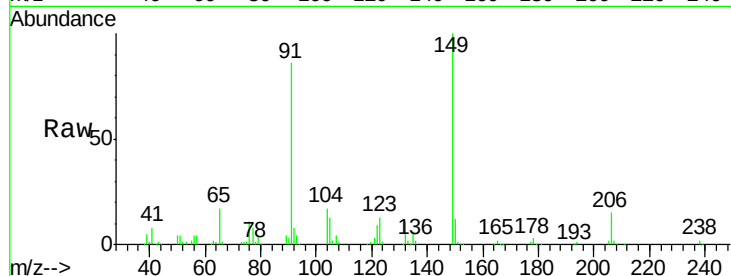




#79
Butylbenzylphthalate
Concen: 40.89 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

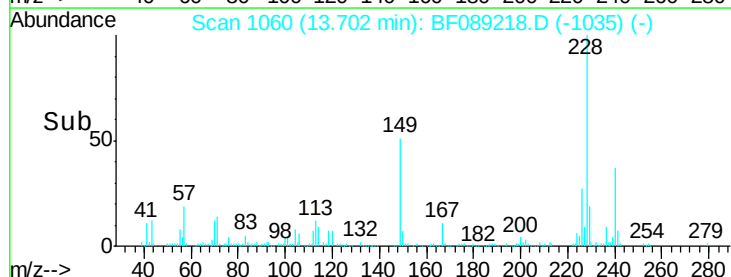
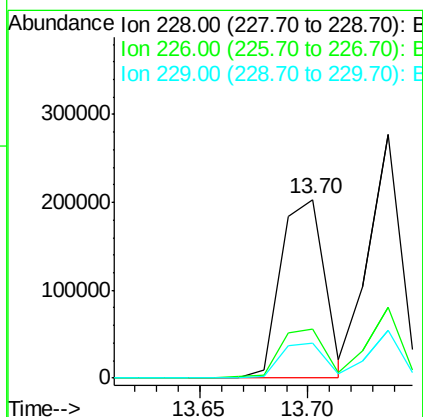
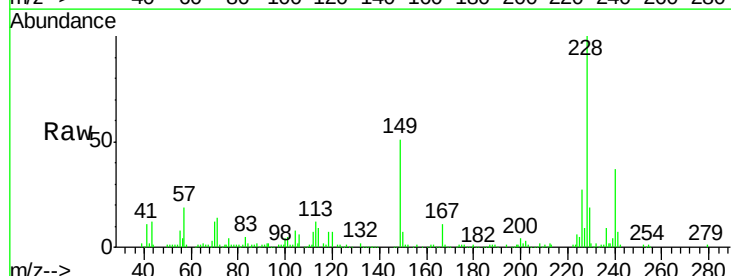
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

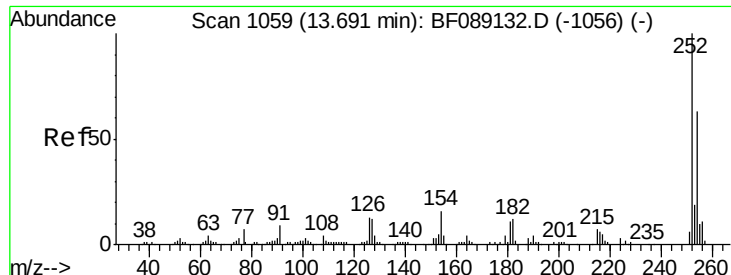
Tgt Ion:149 Resp: 167263
Ion Ratio Lower Upper
149 100
91 86.1 62.6 93.8
206 15.0 13.2 19.8



#80
Benzo(a)anthracene
Concen: 38.52 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion:228 Resp: 287258
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.8

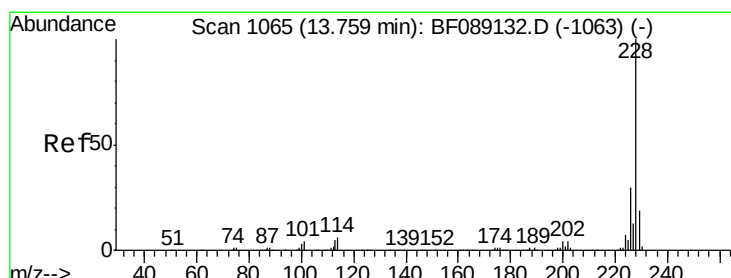
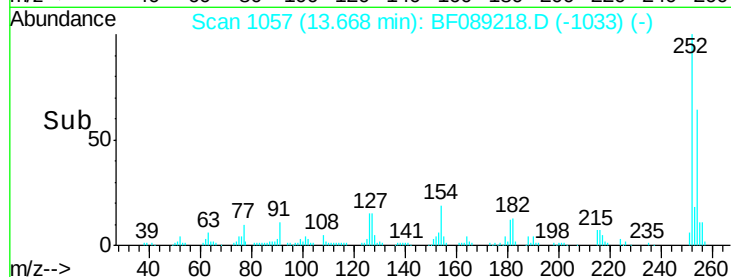
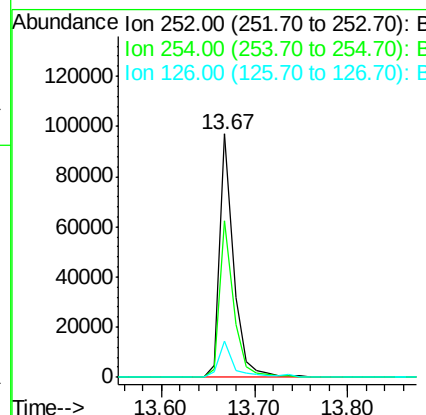
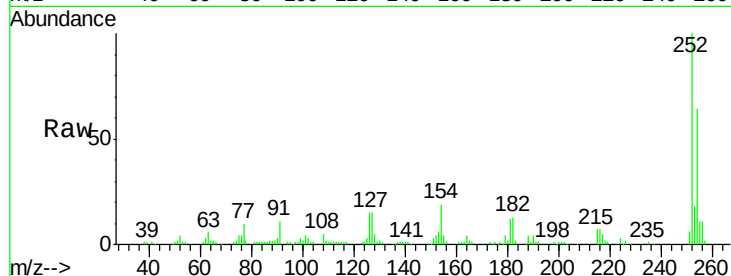




#81
 3,3'-Dichlorobenzidine
 Concen: 40.58 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

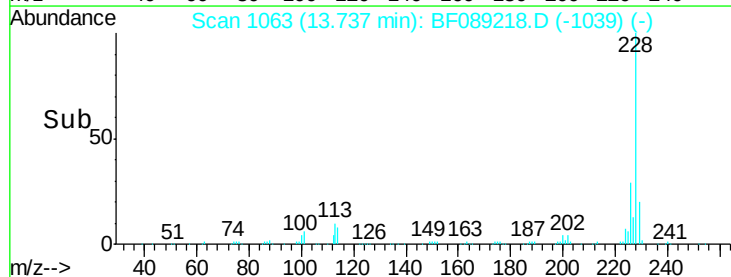
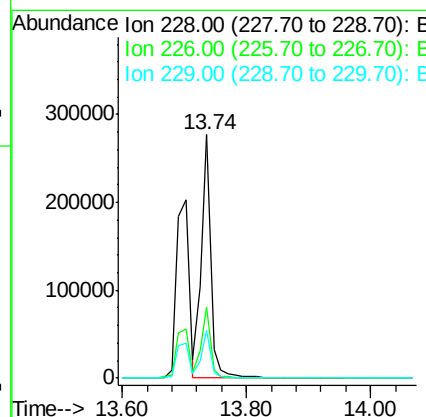
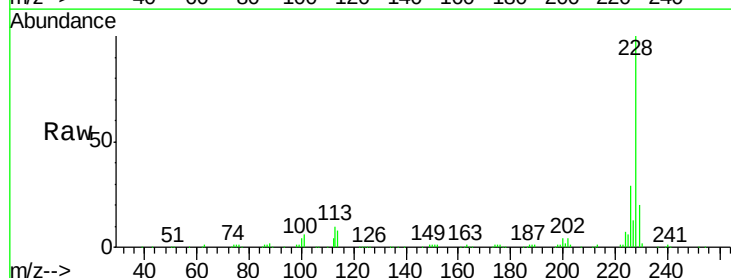
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

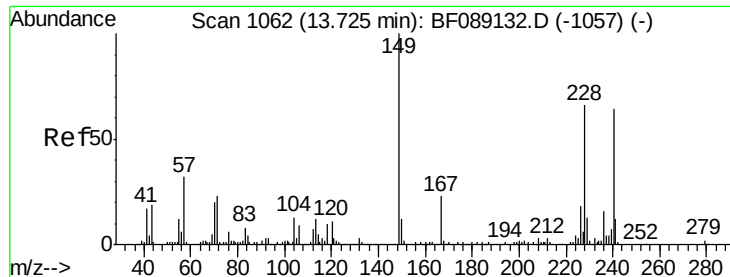
Tgt Ion: 252 Resp: 100395
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 15.0 10.2 15.2



#82
 Chrysene
 Concen: 42.61 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion: 228 Resp: 303542
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.8 35.8
 229 19.7 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.32 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

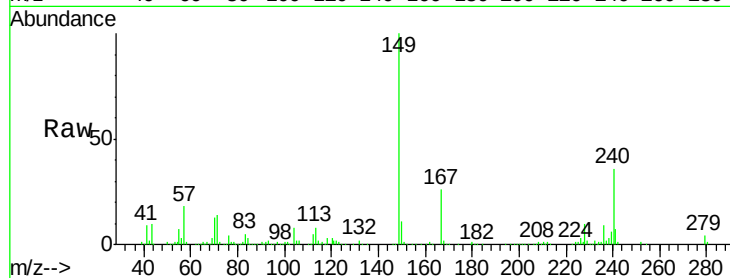
Tgt Ion:149 Resp: 229634

Ion Ratio Lower Upper

149 100

167 26.1 18.6 28.0

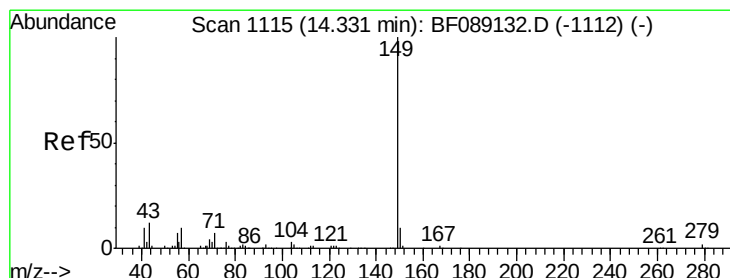
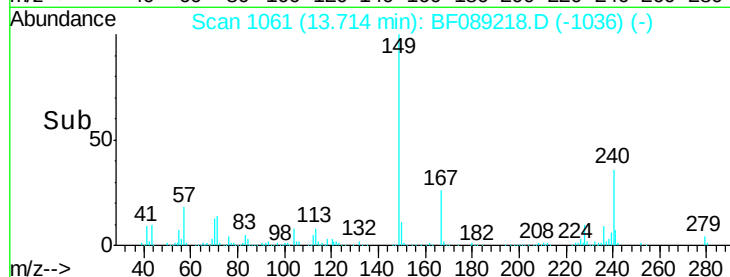
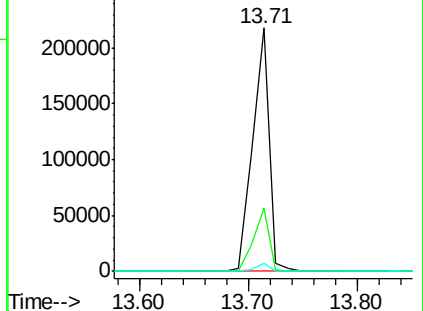
279 3.5 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.87 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

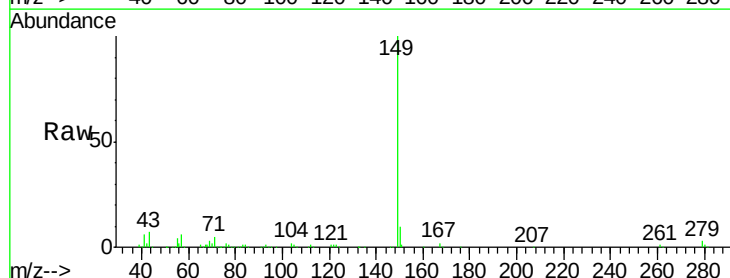
Tgt Ion:149 Resp: 356988

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

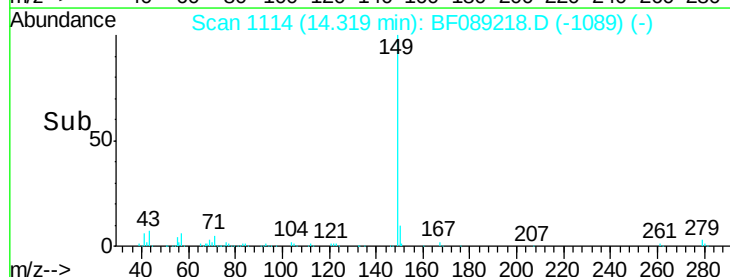
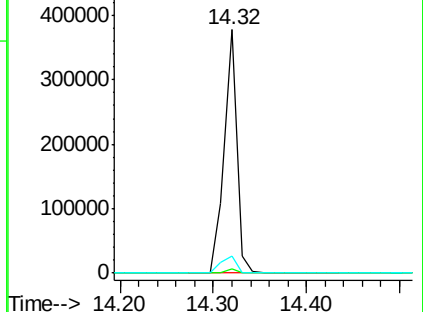
43 9.2 7.3 10.9

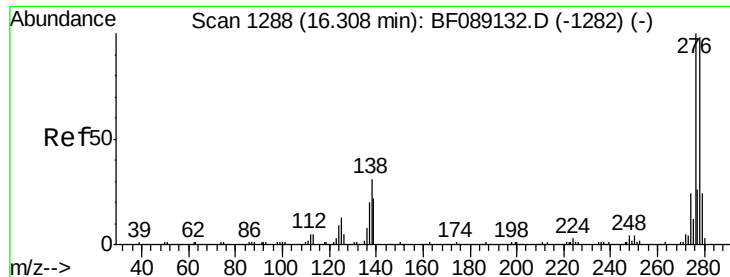


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

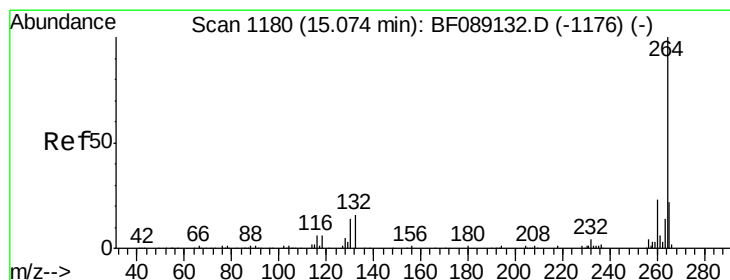
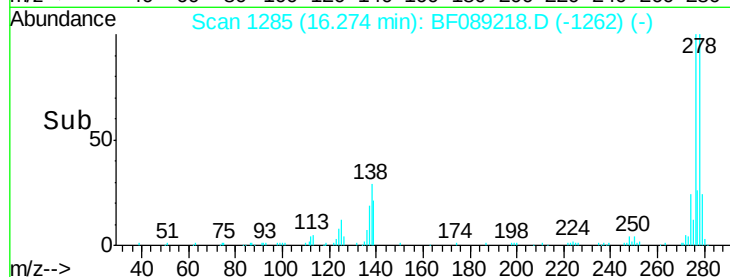
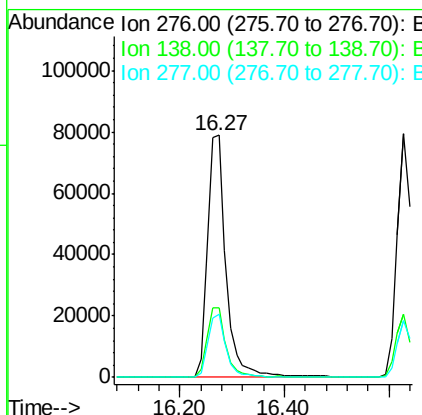
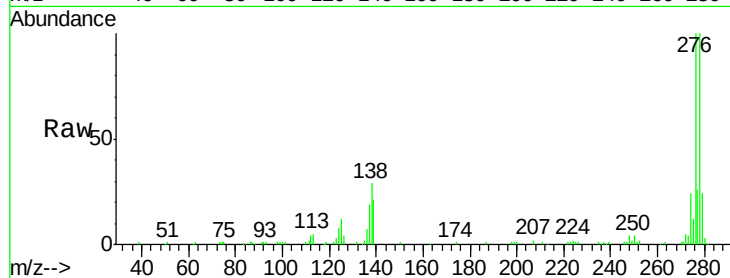




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.55 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

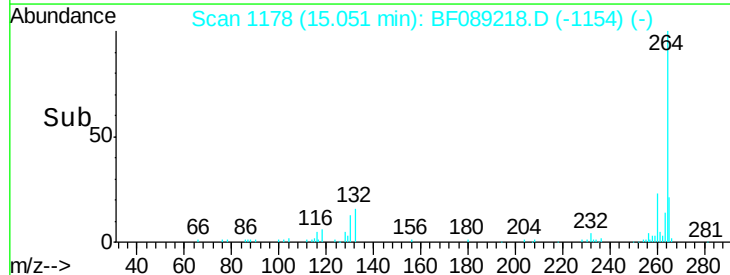
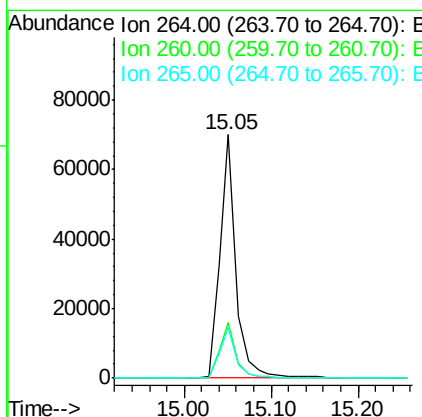
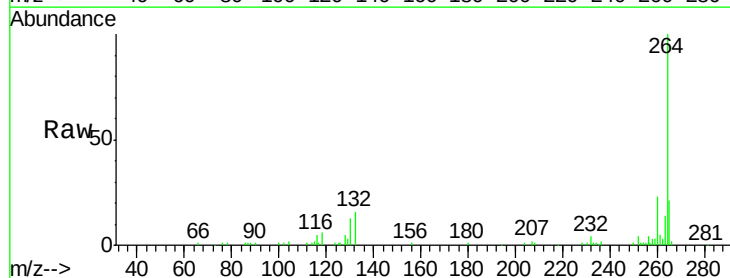
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

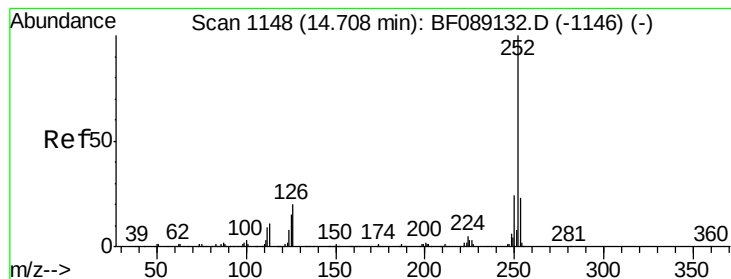
Tgt Ion: 276 Resp: 194310
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.7 35.5
 277 25.5 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089218.D
 Acq: 23 Jul 2016 4:15

Tgt Ion: 264 Resp: 90583
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 20.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 71.37 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

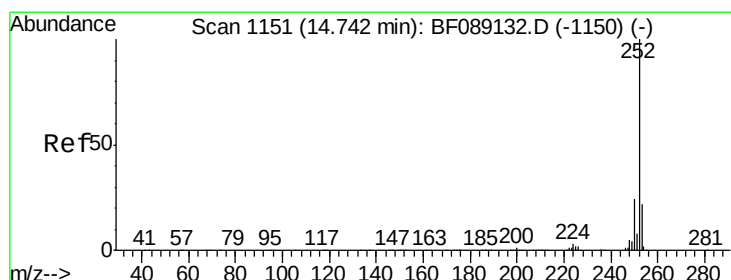
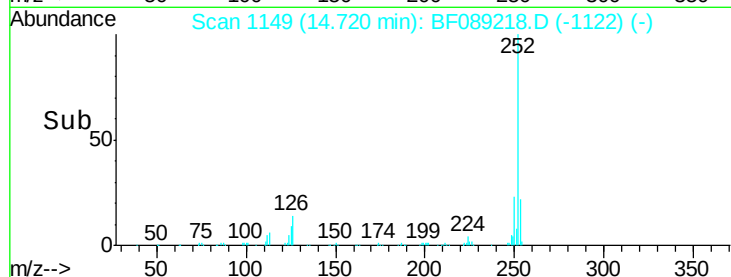
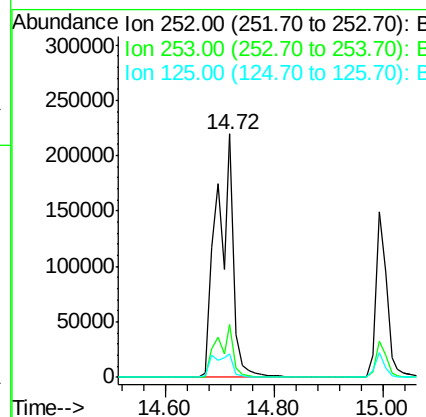
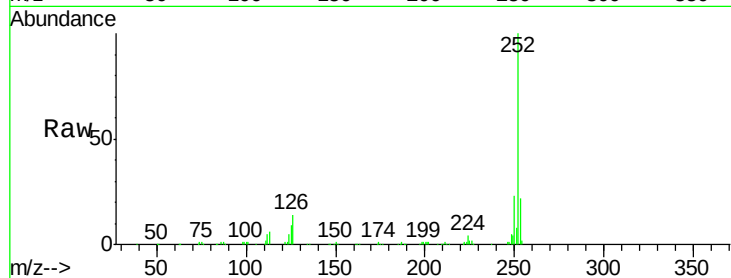
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	468257
Ion Ratio		Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.5	11.9	17.9#



#88

Benzo(k)fluoranthene

Concen: 99.81 ng

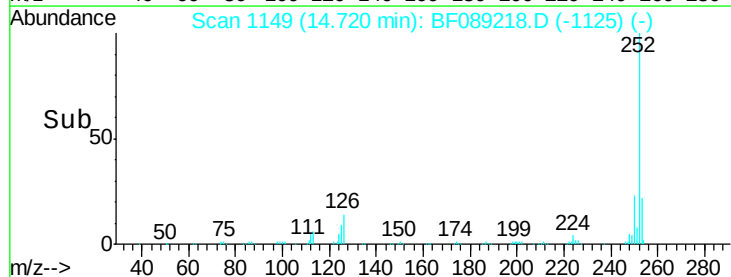
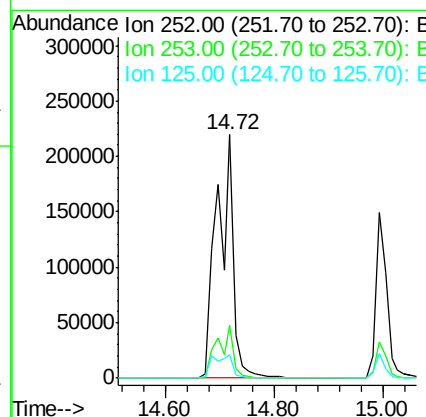
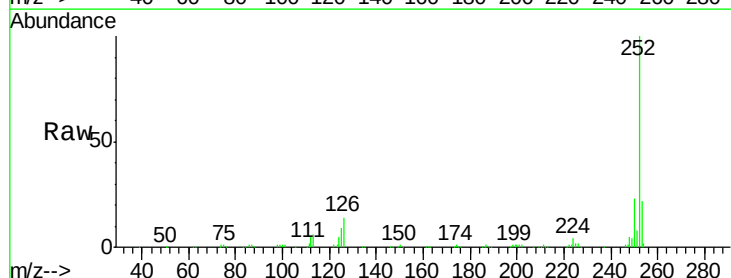
RT: 14.72 min Scan# 1149

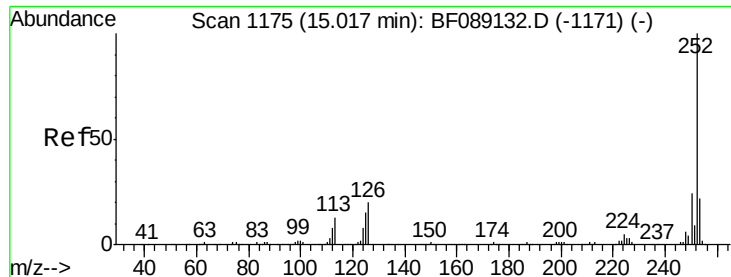
Delta R.T. -0.02 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Tgt Ion:	252	Resp:	468257
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.5	6.3	9.5#

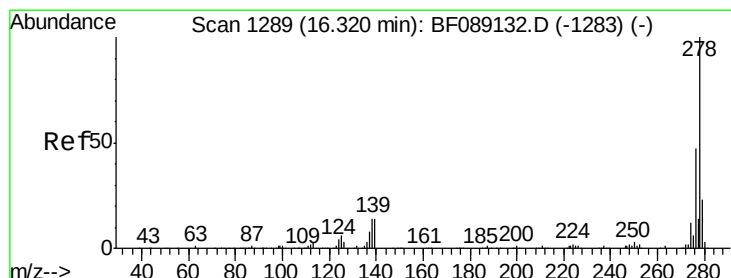
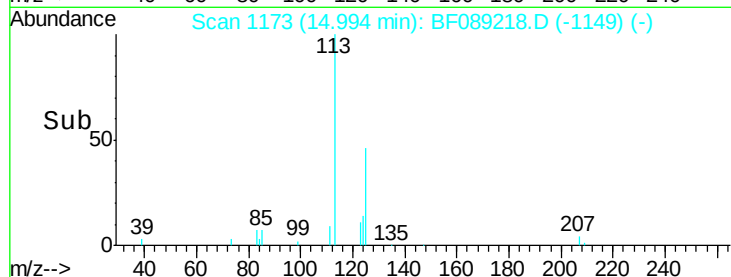
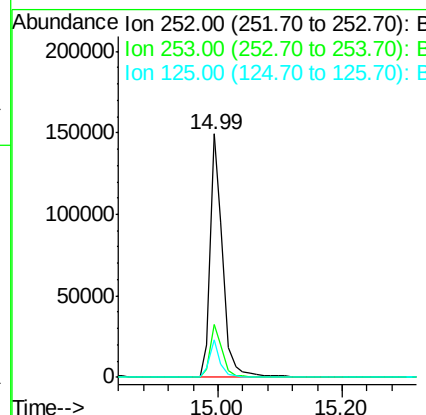
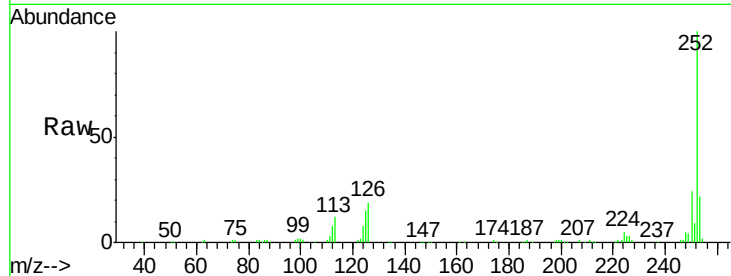




#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

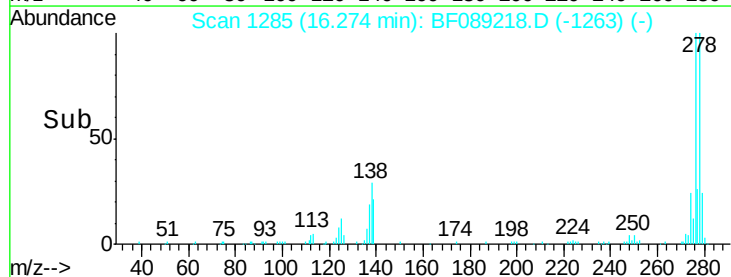
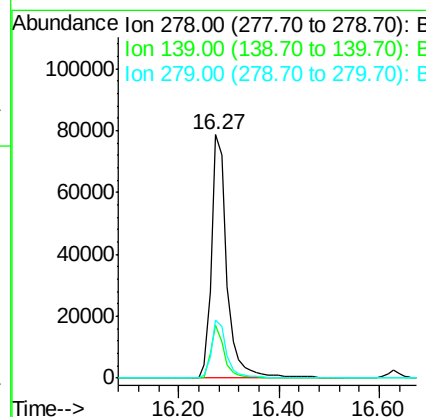
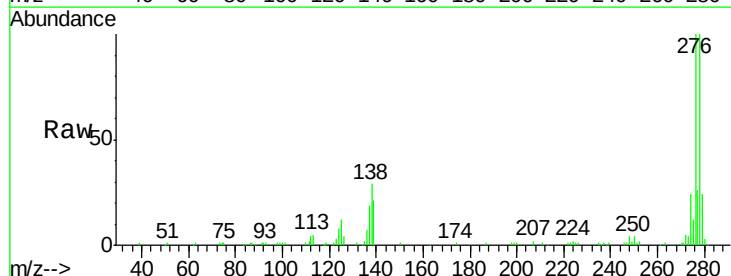
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

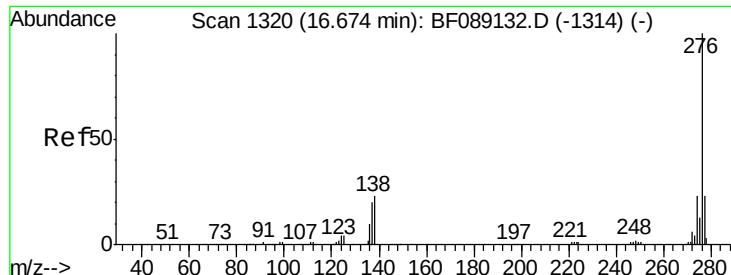
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	15.3	12.4	18.6



#90
Dibenzo(a,h)anthracene
Concen: 41.94 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF089218.D
Acq: 23 Jul 2016 4:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	11.4	17.2#
279	23.6	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 41.76 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.05 min

Lab File: BF089218.D

Acq: 23 Jul 2016 4:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

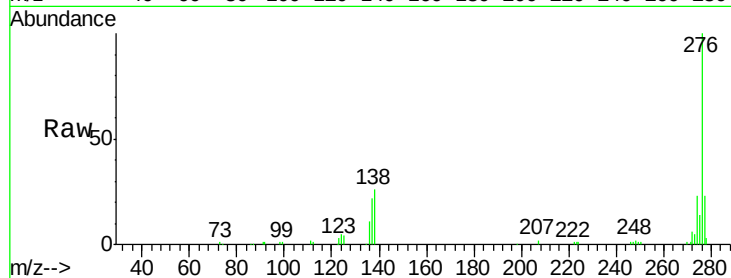
Tgt Ion: 276 Resp: 169343

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 25.8 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

