

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089158.D
 Acq On : 21 Jul 2016 4:20
 Operator : UM/SJ
 Sample : H4119-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Quant Time: Jul 21 07:23:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53324	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	227677	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	111179	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	213664	20.00	ng	0.00
75) Chrysene-d12	13.73	240	150873	20.00	ng	0.00
86) Perylene-d12	15.06	264	118123	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	407787	116.31	ng	0.01
7) Phenol-d6	6.27	99	537830	118.95	ng	0.00
23) Nitrobenzene-d5	7.18	82	345396	80.61	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	107281	107.18	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	646130	80.07	ng	0.00
78) Terphenyl-d14	12.69	244	519176	74.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	42179	27.71	ng	89
3) Pyridine	2.74	79	101842	26.33	ng	98
4) n-Nitrosodimethylamine	2.71	42	54694	33.60	ng	98
6) Aniline	6.27	93	161070	26.37	ng	# 66
8) 2-Chlorophenol	6.39	128	139423	35.83	ng	84
9) Benzaldehyde	6.15	77	37648	13.35	ng	99
10) Phenol	6.28	94	184223	35.37	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	146436	37.43	ng	99
12) 1,3-Dichlorobenzene	6.54	146	139373	32.44	ng	99
13) 1,4-Dichlorobenzene	6.62	146	150939	34.88	ng	98
14) 1,2-Dichlorobenzene	6.78	146	138653	33.99	ng	97
15) Benzyl Alcohol	6.76	79	128903	38.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	151088	33.90	ng	83
17) 2-Methylphenol	6.89	107	112083	36.57	ng	97
18) Hexachloroethane	7.11	117	55140	33.90	ng	94
19) n-Nitroso-di-n-propylamine	7.03	70	103201	34.90	ng	# 91
20) 3+4-Methylphenols	7.04	107	154664	37.17	ng	# 86
22) Acetophenone	7.03	105	213342	35.09	ng	# 97
24) Nitrobenzene	7.20	77	151268	33.47	ng	98
25) Isophorone	7.44	82	281948	35.70	ng	97
26) 2-Nitrophenol	7.51	139	74583	35.39	ng	94
27) 2,4-Dimethylphenol	7.56	122	122887	34.60	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	180810	36.60	ng	99
29) 2,4-Dichlorophenol	7.76	162	119792	37.43	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	119190	33.64	ng	95
31) Naphthalene	7.91	128	427796	34.81	ng	99
32) Benzoic acid	7.67	122	12020	4.40	ng	88
33) 4-Chloroaniline	7.96	127	126454	24.47	ng	# 90
34) Hexachlorobutadiene	8.03	225	65772	33.36	ng	96
35) Caprolactam	8.34	113	15797	15.89	ng	95
36) 4-Chloro-3-methylphenol	8.47	107	139690	36.23	ng	96
37) 2-Methylnaphthalene	8.59	142	264280	33.72	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	117337	28.40	ng	98
40) Hexachlorocyclopentadiene	8.75	237	92689	68.37	ng	98

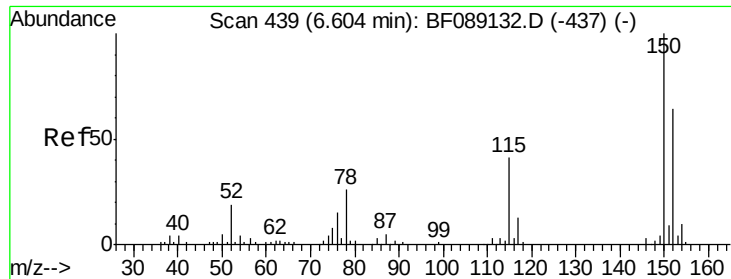
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089158.D
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 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	76601	33.12	ng	100
43) 2,4,5-Trichlorophenol	8.94	196	84709	36.49	ng	99
45) 1,1'-Biphenyl	9.06	154	332999	33.26	ng	98
46) 2-Chloronaphthalene	9.08	162	266568	35.04	ng	97
47) 2-Nitroaniline	9.19	65	84611	32.42	ng	94
48) Acenaphthylene	9.50	152	427667	35.75	ng	99
49) Dimethylphthalate	9.38	163	421057	49.35	ng	100
50) 2,6-Dinitrotoluene	9.44	165	69953	36.32	ng	93
51) Acenaphthene	9.67	154	254491	35.97	ng	100
52) 3-Nitroaniline	9.60	138	59886	26.18	ng	# 73
53) 2,4-Dinitrophenol	9.71	184	29433	35.30	ng	98
54) Dibenzofuran	9.84	168	374931	39.21	ng	99
55) 4-Nitrophenol	9.79	139	92435	66.79	ng	99
56) 2,4-Dinitrotoluene	9.84	165	94077	37.92	ng	94
57) Fluorene	10.18	166	301717	37.17	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	71603	42.94	ng	94
59) Diethylphthalate	10.07	149	296748	35.08	ng	100
60) 4-Chlorophenyl-phenylether	10.17	204	124734	33.67	ng	# 69
61) 4-Nitroaniline	10.22	138	72699	32.66	ng	99
62) Azobenzene	10.33	77	340450	37.03	ng	98
64) 4,6-Dinitro-2-methylphenol	10.25	198	34809	27.98	ng	95
65) n-Nitrosodiphenylamine	10.30	169	246356	34.50	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	80060	37.86	ng	91
67) Hexachlorobenzene	10.72	284	73175	32.18	ng	# 60
68) Atrazine	10.83	200	86499	38.74	ng	98
69) Pentachlorophenol	10.92	266	70565	67.26	ng	99
70) Phenanthrene	11.13	178	436581	37.25	ng	100
71) Anthracene	11.18	178	421758	34.62	ng	100
72) Carbazole	11.35	167	402658	37.63	ng	98
73) Di-n-butylphthalate	11.68	149	473706	35.79	ng	100
74) Fluoranthene	12.31	202	454011	36.85	ng	97
76) Benzidine	12.45	184	165772	31.96	ng	96
77) Pyrene	12.54	202	445033	35.72	ng	98
79) Butylbenzylphthalate	13.17	149	213262	40.46	ng	91
80) Benzo(a)anthracene	13.71	228	341631	35.55	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	86289	27.07	ng	# 97
82) Chrysene	13.75	228	293242	31.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	331026	47.35	ng	98
84) Di-n-octyl phthalate	14.33	149	419129	36.33	ng	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	243408	36.51	ng	99
87) Benzo(b)fluoranthene	14.71	252	537415	62.81	ng	96
88) Benzo(k)fluoranthene	14.71	252	537415	87.84	ng	# 97
89) Benzo(a)pyrene	15.02	252	250116	37.66	ng	97
90) Dibenzo(a,h)anthracene	16.31	278	202123	38.54	ng	98
91) Benzo(g,h,i)perylene	16.66	276	199004	37.64	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

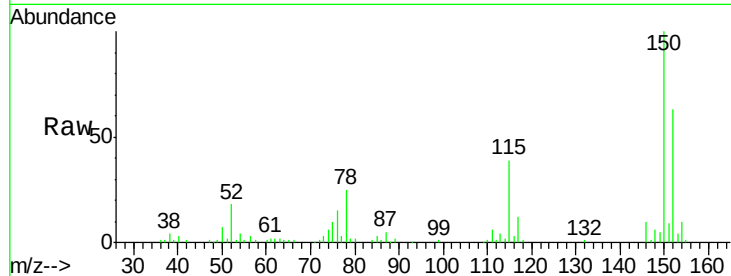
Tgt Ion:152 Resp: 53324

Ion Ratio Lower Upper

152 100

150 158.9 125.1 187.7

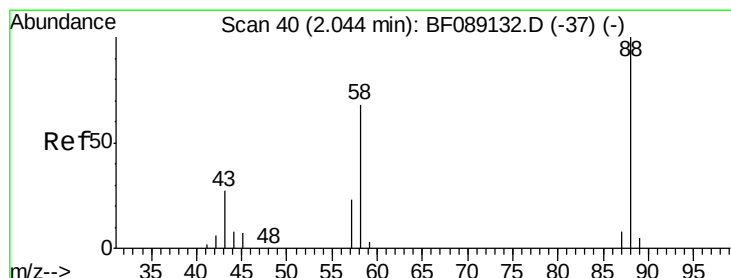
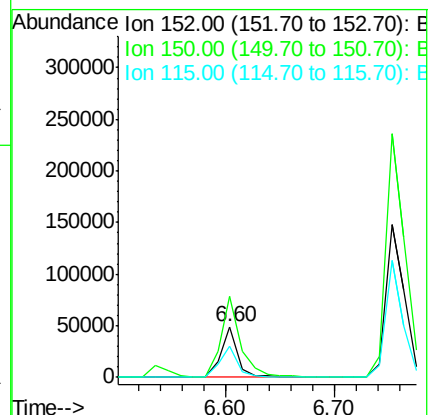
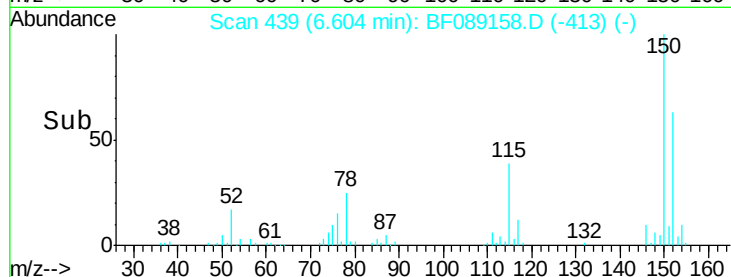
115 61.5 51.1 76.7



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: 27.71 ng

RT: 2.11 min Scan# 46

Delta R.T. 0.07 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

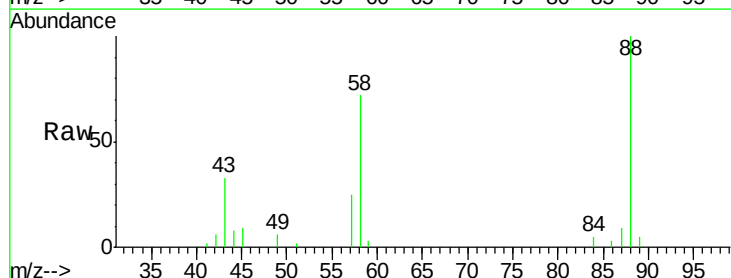
Tgt Ion: 88 Resp: 42179

Ion Ratio Lower Upper

88 100

58 71.7 49.2 73.8

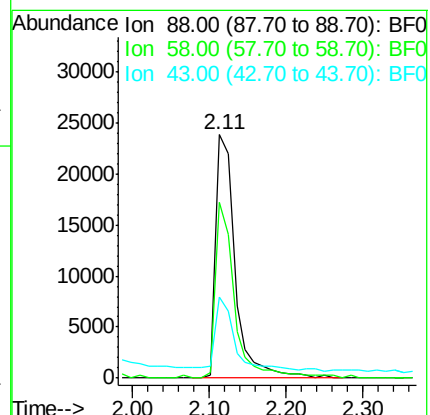
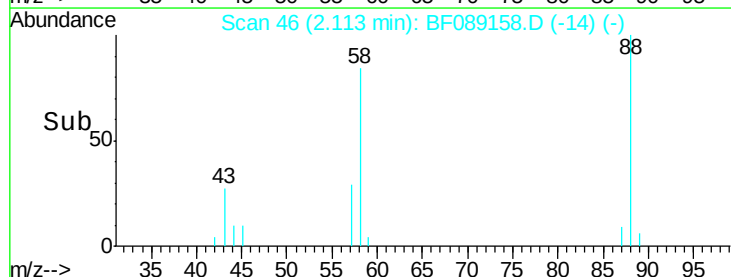
43 29.0 20.6 30.8

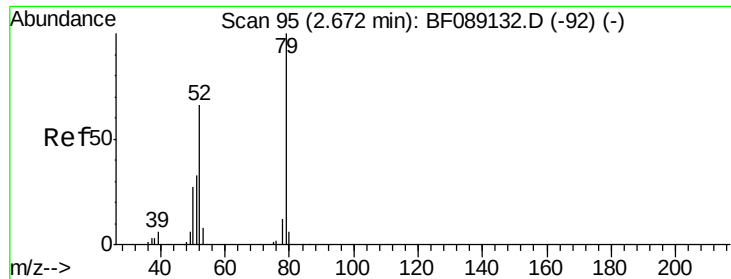


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.33 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.07 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

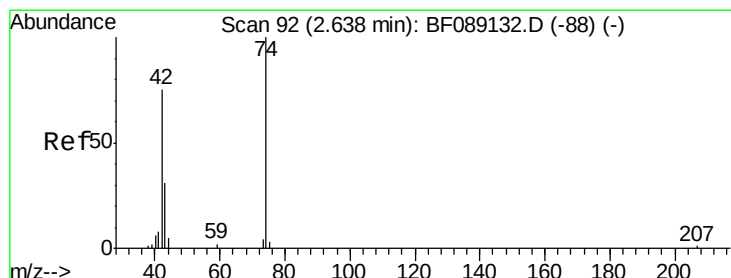
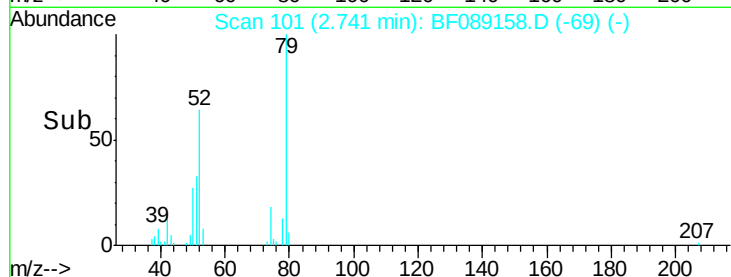
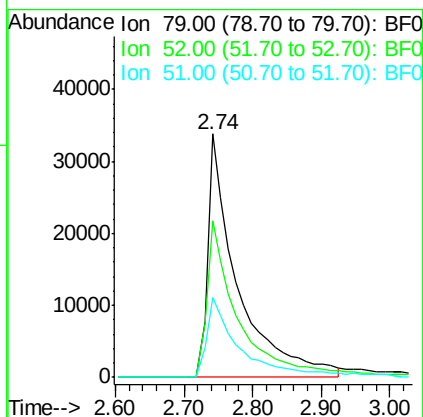
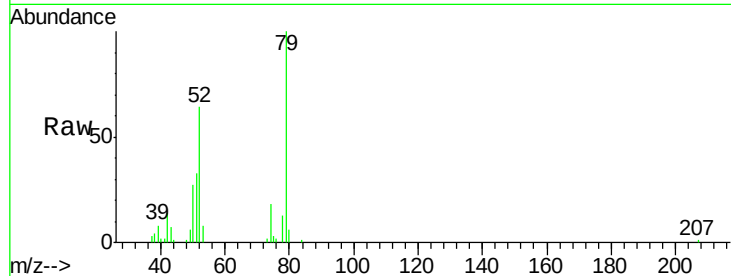
Tgt Ion: 79 Resp: 101842

Ion Ratio Lower Upper

79 100

52 64.2 52.9 79.3

51 32.6 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 33.60 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.07 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

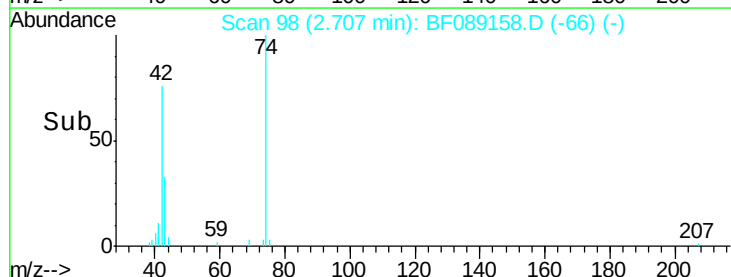
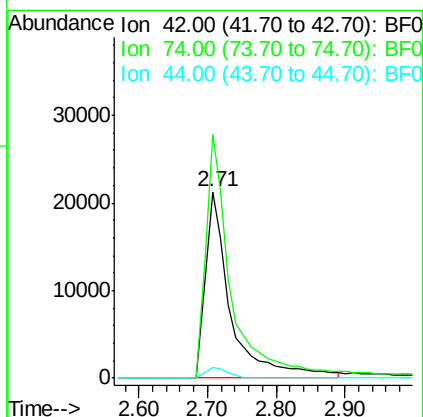
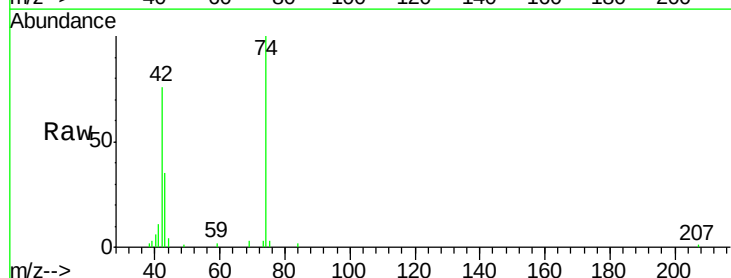
Tgt Ion: 42 Resp: 54694

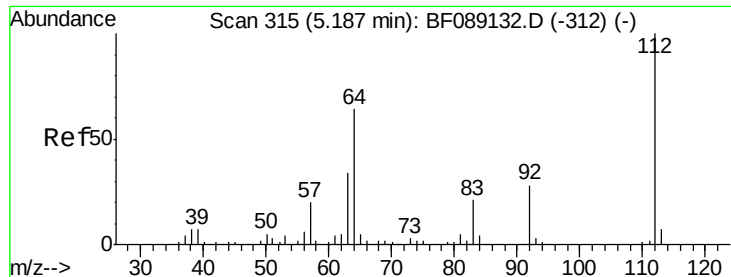
Ion Ratio Lower Upper

42 100

74 130.9 106.4 159.6

44 5.6 5.2 7.8





#5

2-Fluorophenol

Concen: 116.31 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

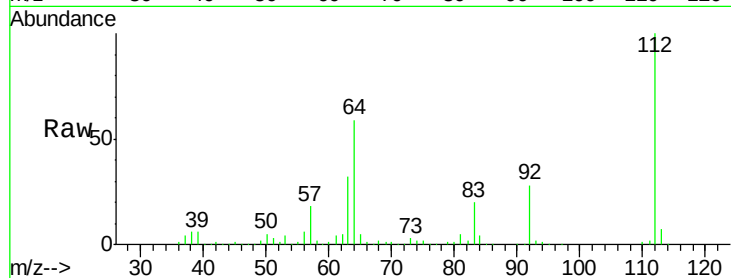
Tgt Ion: 112 Resp: 407787

Ion Ratio Lower Upper

112 100

64 58.8 51.0 76.4

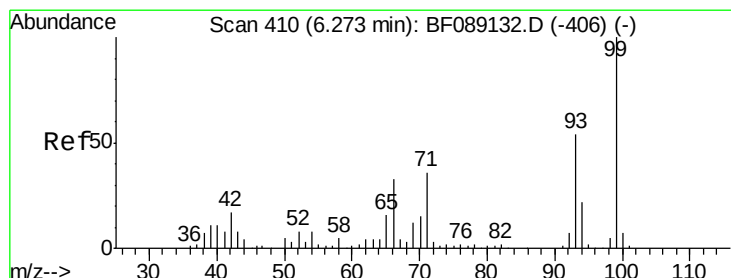
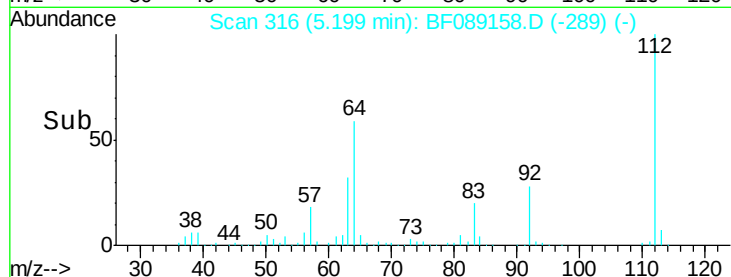
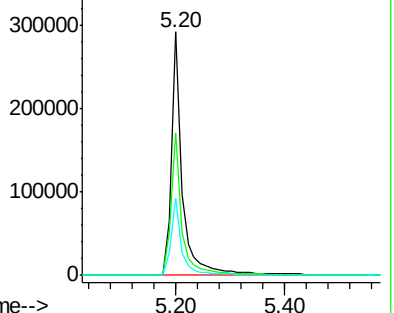
63 31.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.37 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

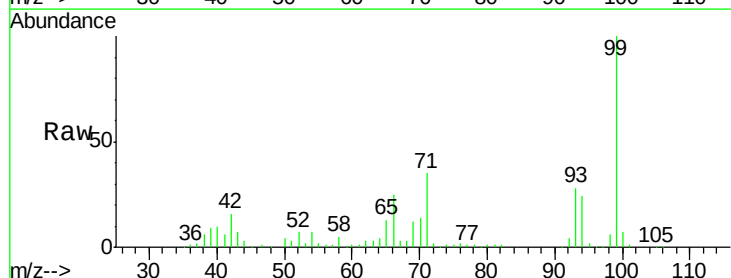
Tgt Ion: 93 Resp: 161070

Ion Ratio Lower Upper

93 100

66 89.0 48.9 73.3#

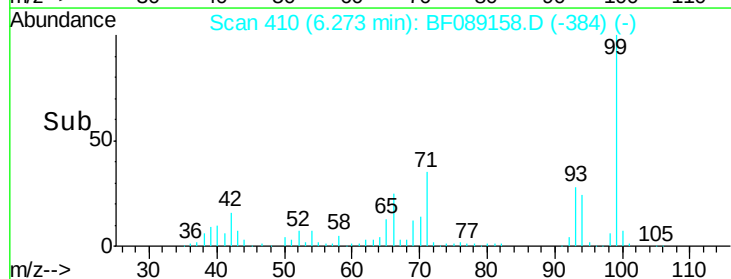
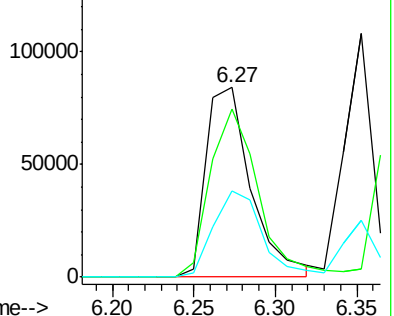
65 45.7 23.9 35.9#

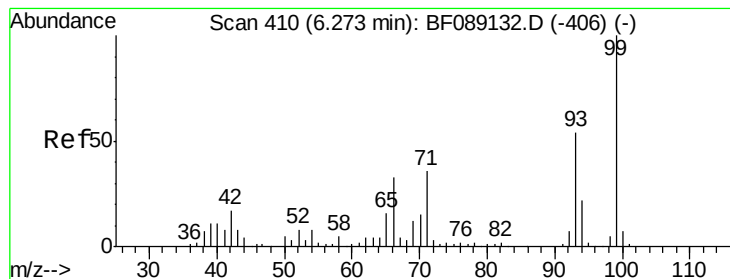


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.95 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

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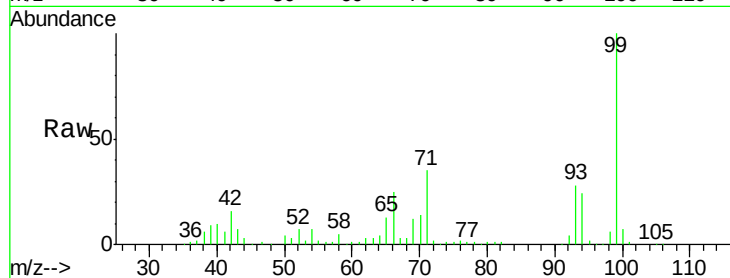
Tgt Ion: 99 Resp: 537830

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

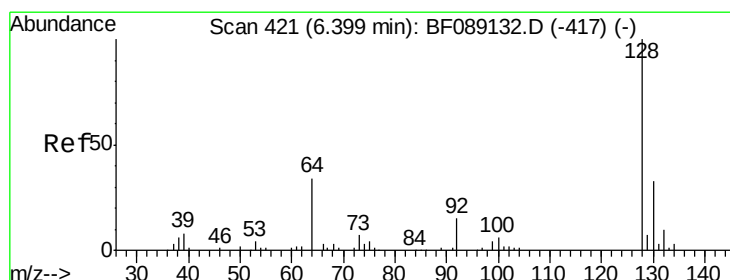
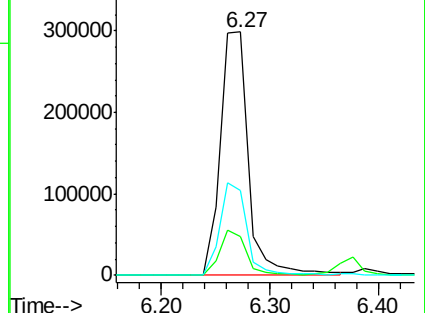
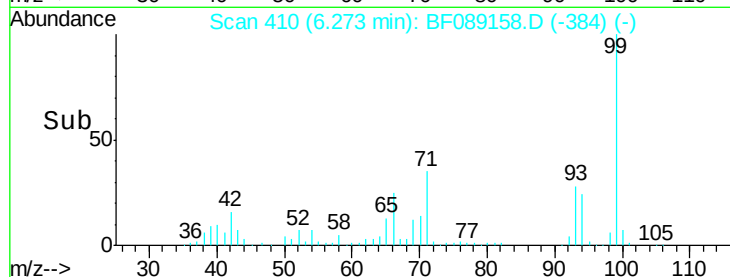
71 35.1 28.9 43.3



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: 35.83 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

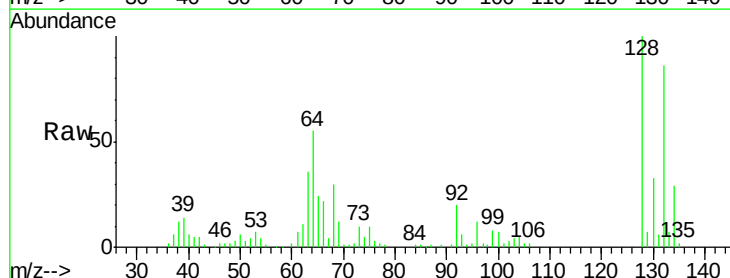
Tgt Ion: 128 Resp: 139423

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

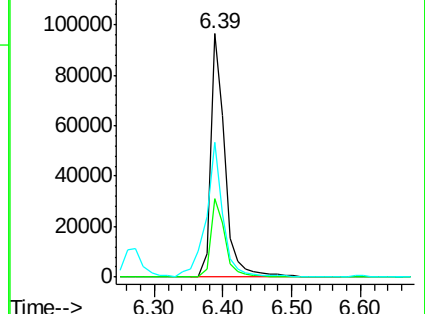
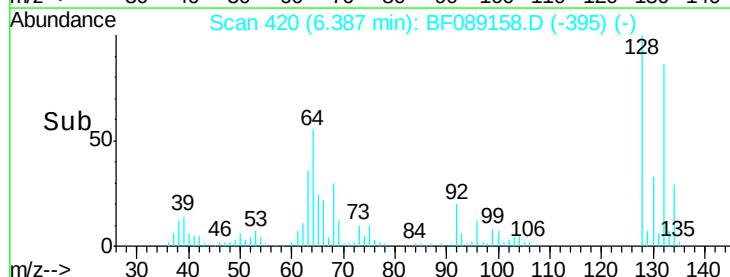
64 55.1 17.5 57.5

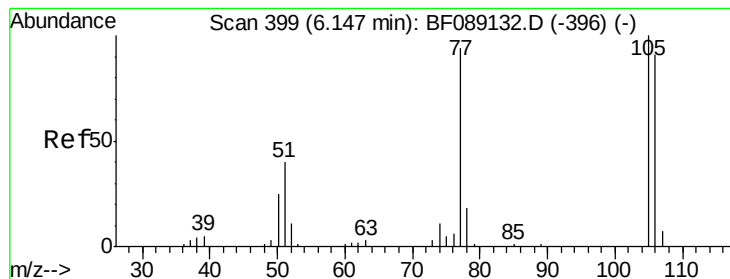


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.35 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

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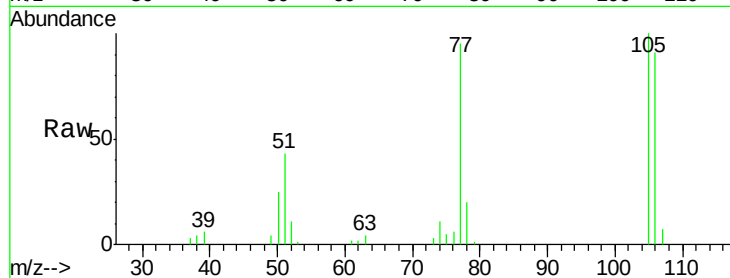
Tgt Ion: 77 Resp: 37648

Ion Ratio Lower Upper

77 100

105 105.1 86.2 126.2

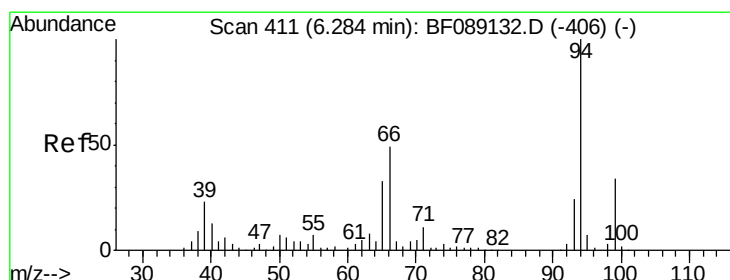
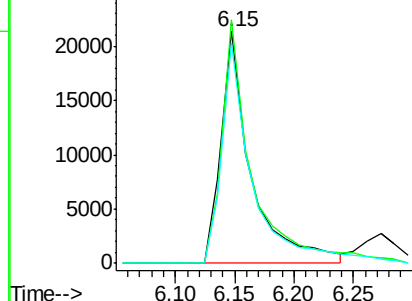
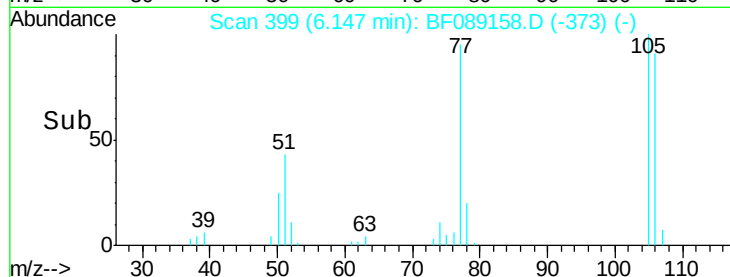
106 95.1 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.37 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

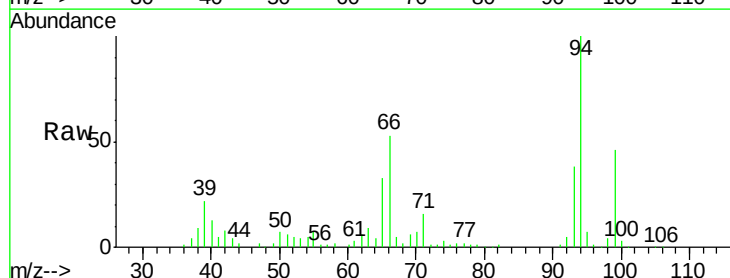
Tgt Ion: 94 Resp: 184223

Ion Ratio Lower Upper

94 100

65 33.2 13.3 53.3

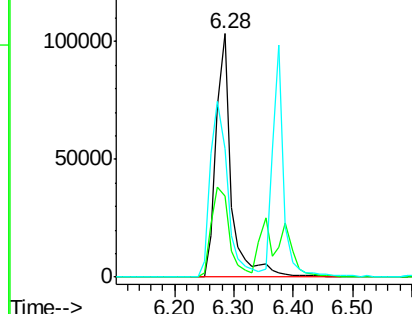
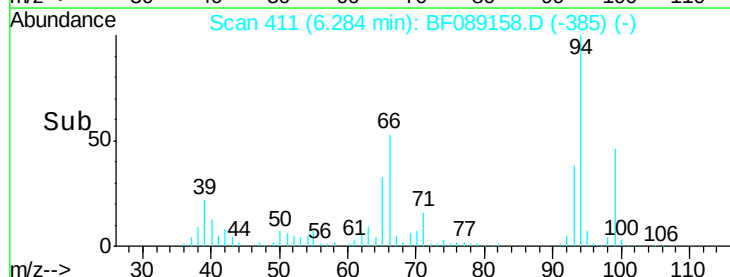
66 52.9 29.3 69.3

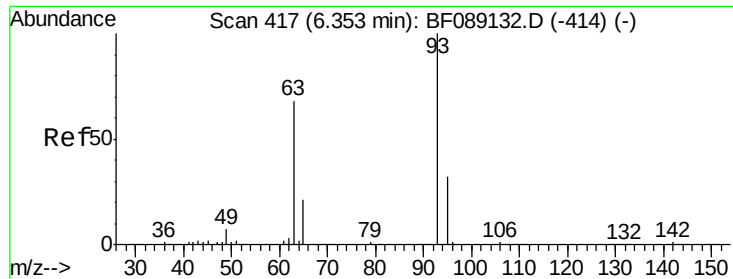


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.43 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

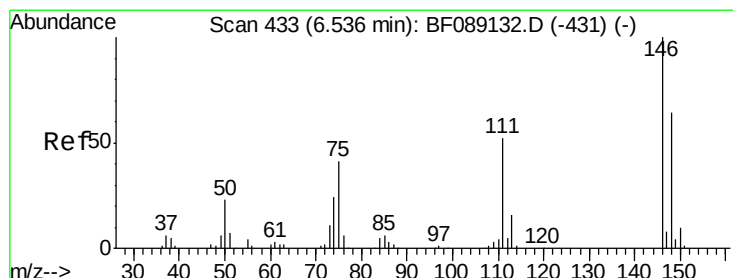
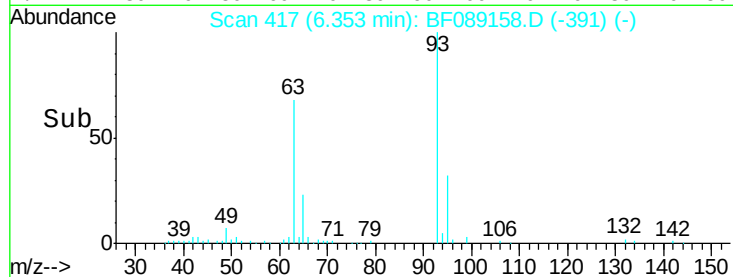
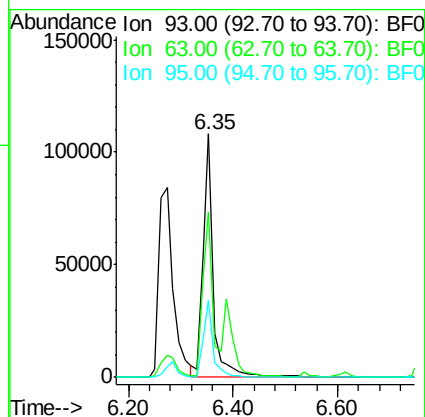
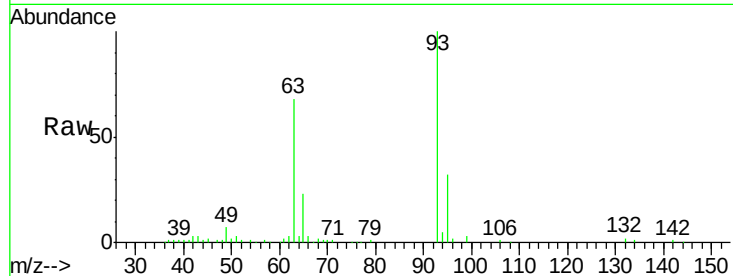
Tgt Ion: 93 Resp: 146436

Ion Ratio Lower Upper

93 100

63 67.9 47.3 87.3

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 32.44 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

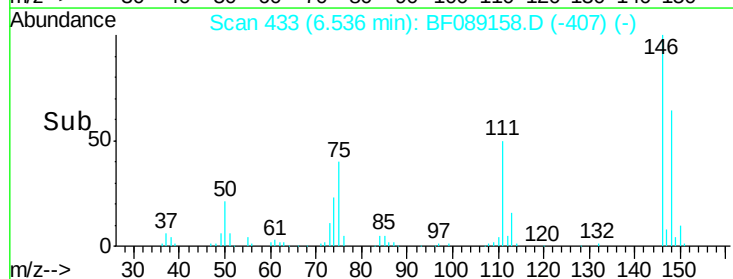
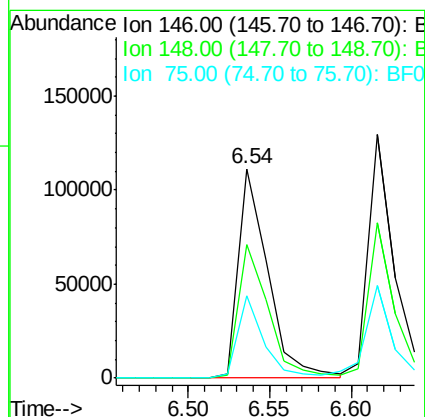
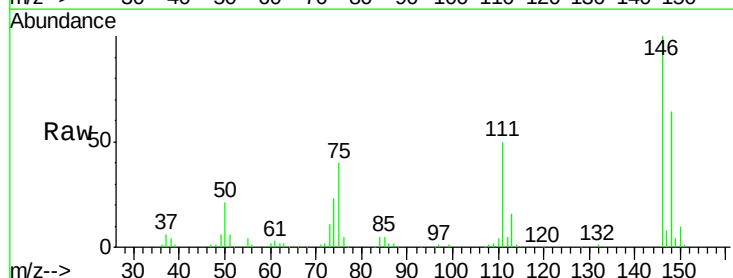
Tgt Ion: 146 Resp: 139373

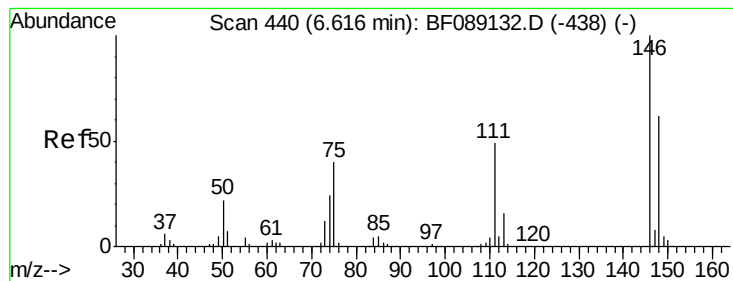
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

75 39.5 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 34.88 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

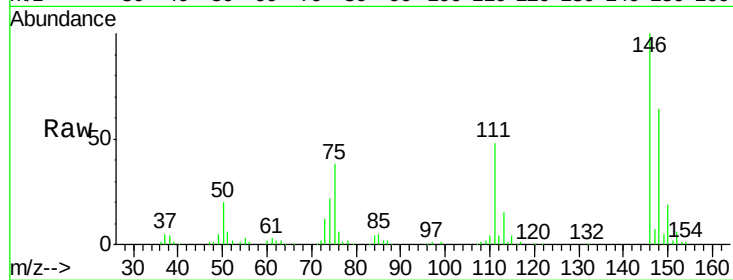
Tgt Ion:146 Resp: 150939

Ion Ratio Lower Upper

146 100

148 63.8 49.9 74.9

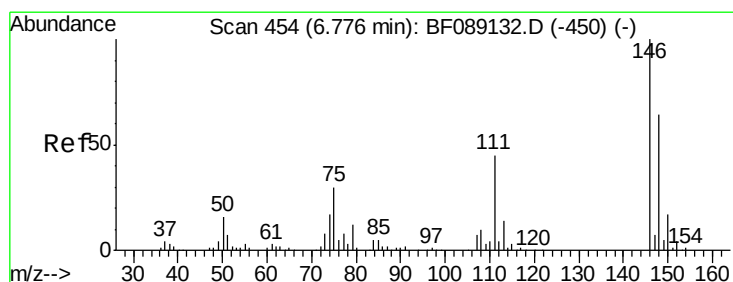
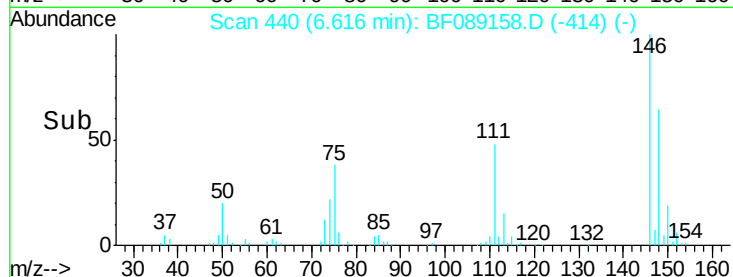
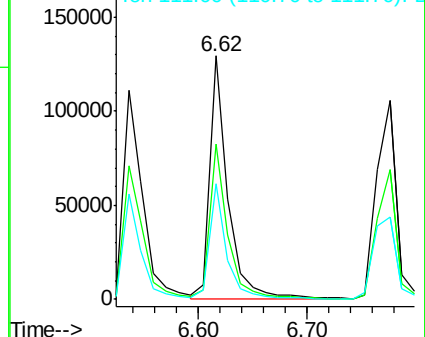
111 47.7 39.8 59.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.99 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

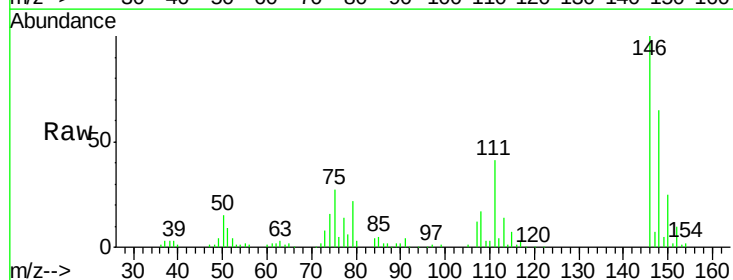
Tgt Ion:146 Resp: 138653

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

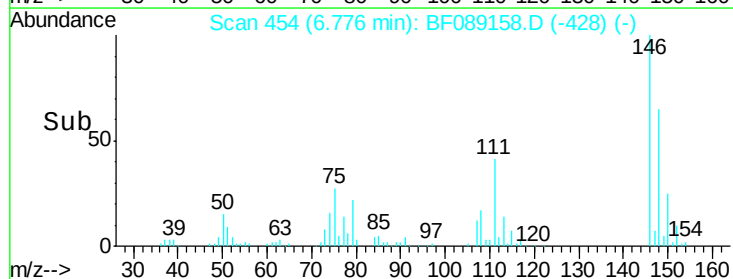
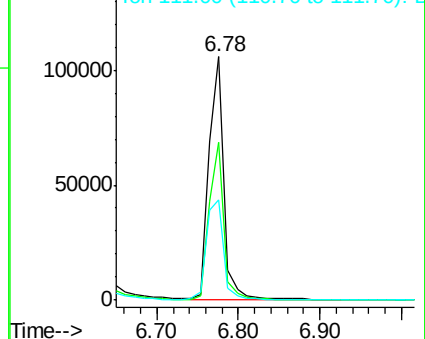
111 41.1 35.9 53.9

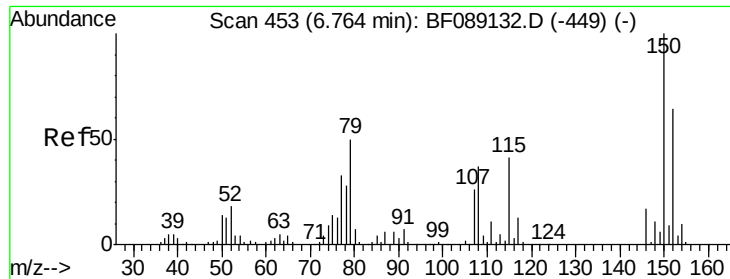


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.93 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

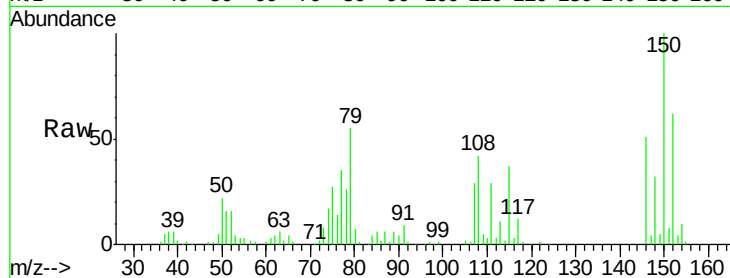
Tgt Ion: 79 Resp: 128903

Ion Ratio Lower Upper

79 100

108 76.1 58.2 87.4

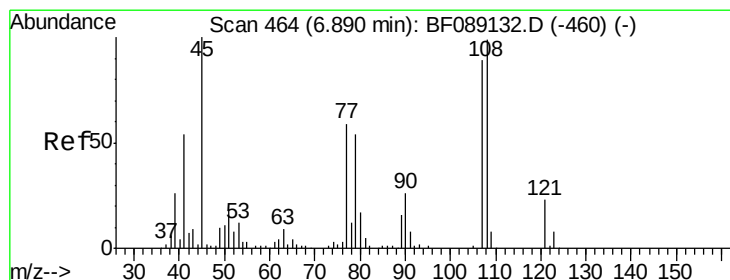
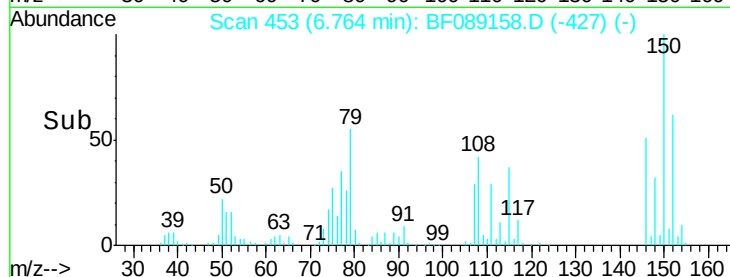
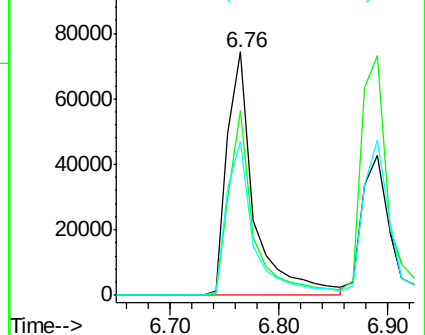
77 63.1 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.90 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

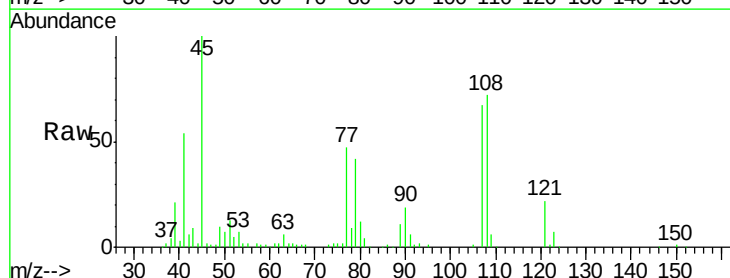
Tgt Ion: 45 Resp: 151088

Ion Ratio Lower Upper

45 100

77 46.8 39.7 79.7

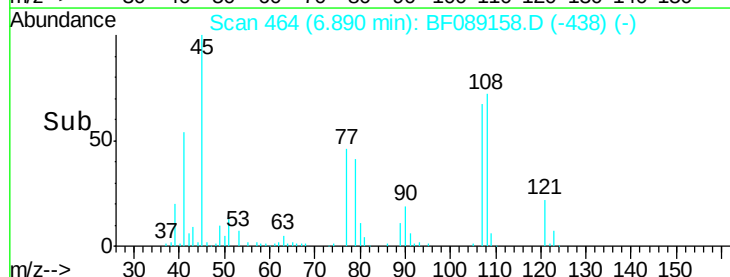
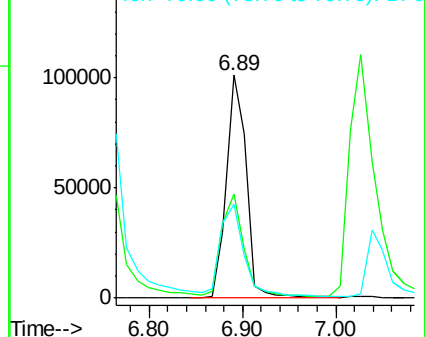
79 42.1 34.7 74.7

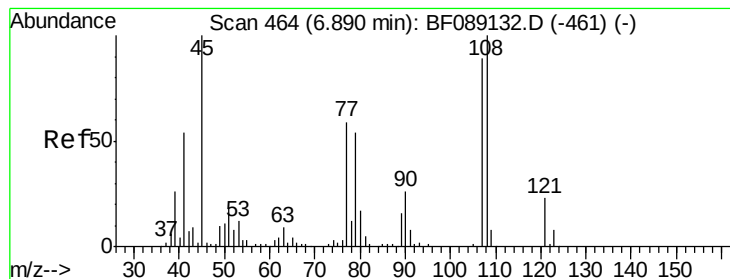


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.57 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

Tgt Ion:107 Resp: 112083

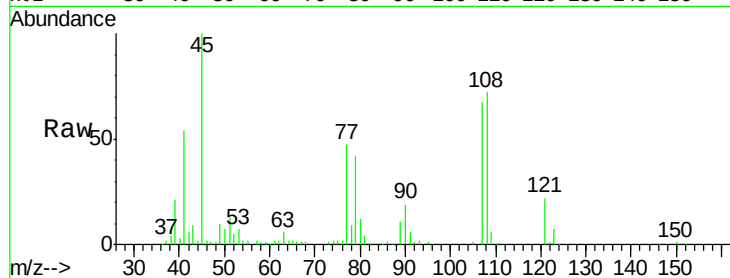
Ion Ratio Lower Upper

107 100

108 108.2 89.4 134.2

77 69.8 53.4 80.0

79 62.9 49.0 73.4

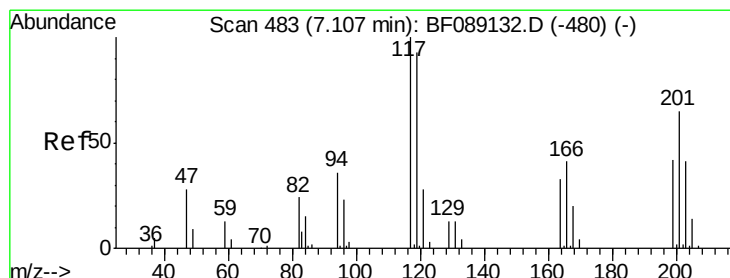
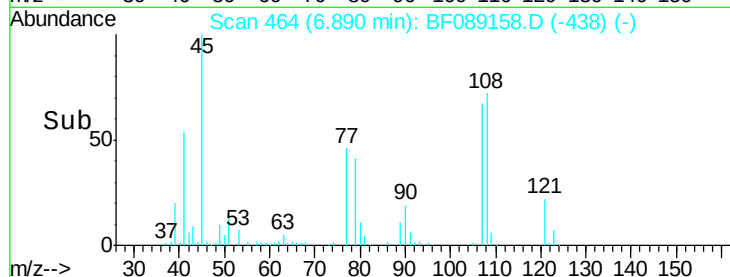
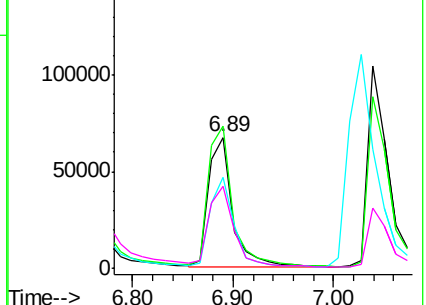


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.90 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

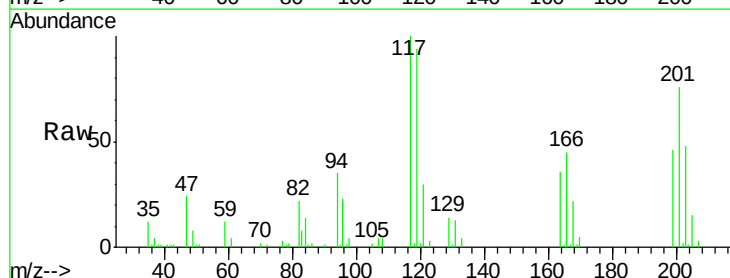
Tgt Ion:117 Resp: 55140

Ion Ratio Lower Upper

117 100

119 94.1 74.5 111.7

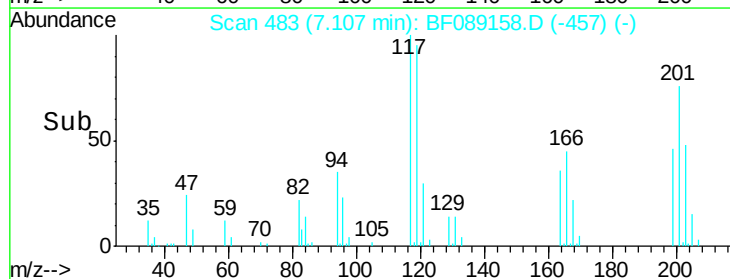
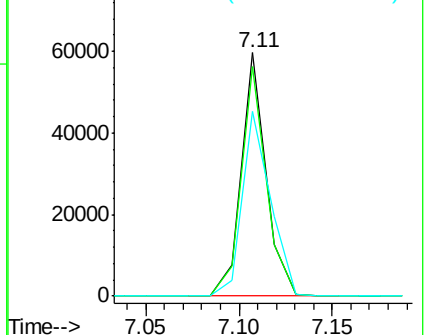
201 75.7 51.8 77.6

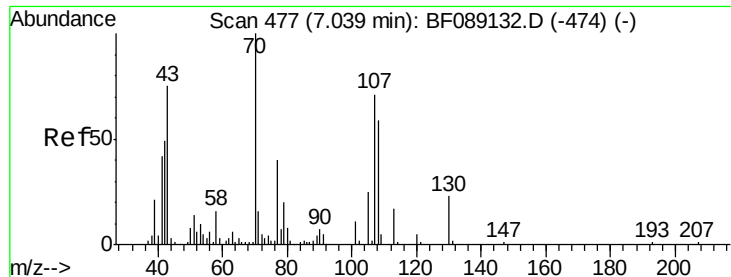


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.90 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

Tgt Ion: 70 Resp: 103201

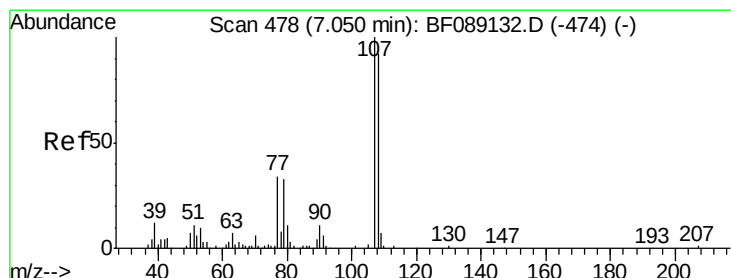
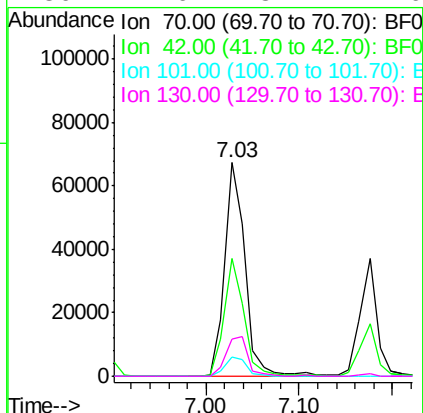
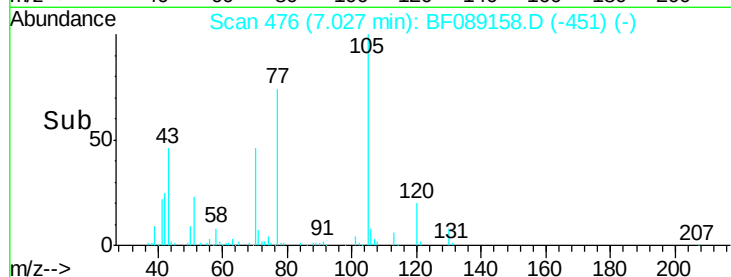
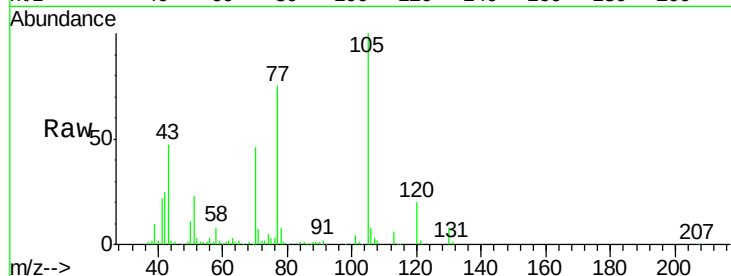
Ion Ratio Lower Upper

70 100

42 55.4 39.2 58.8

101 9.2 8.5 12.7

130 17.6 18.4 27.6#



#20

3+4-Methylphenols

Concen: 37.17 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Tgt Ion: 107 Resp: 154664

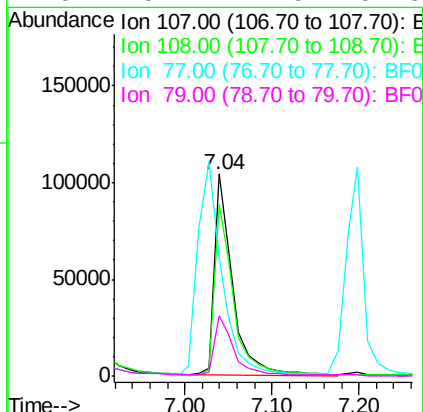
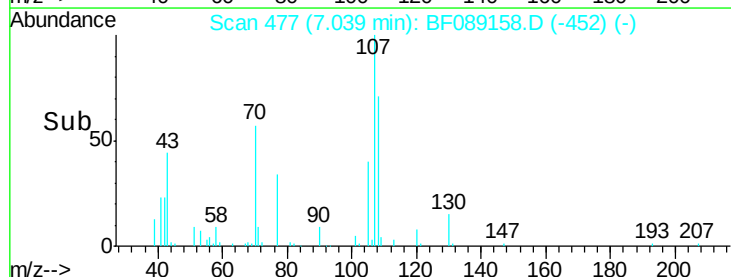
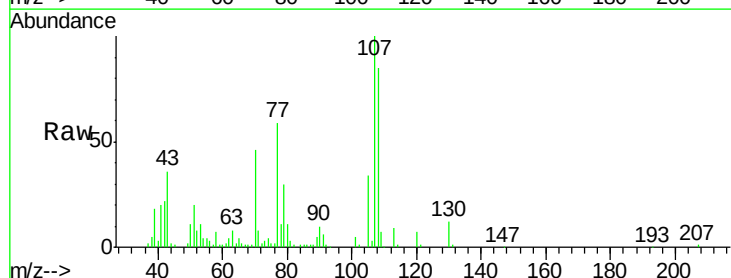
Ion Ratio Lower Upper

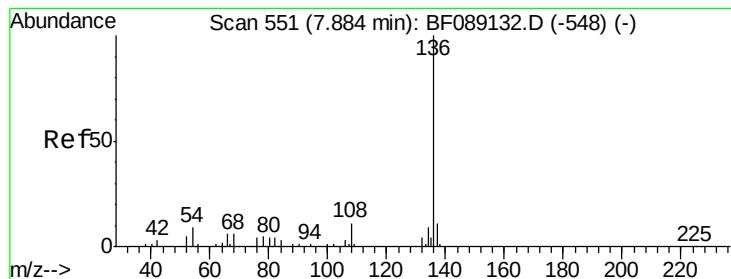
107 100

108 85.1 72.5 112.5

77 58.9 17.7 57.7#

79 29.7 12.9 52.9

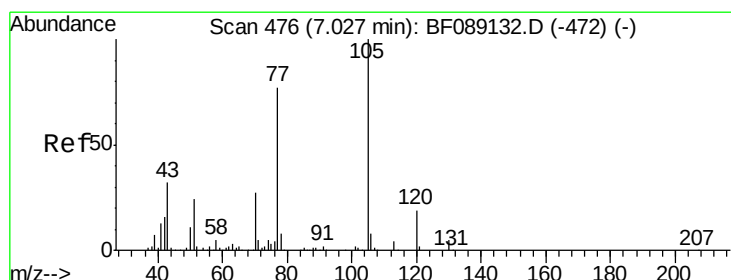
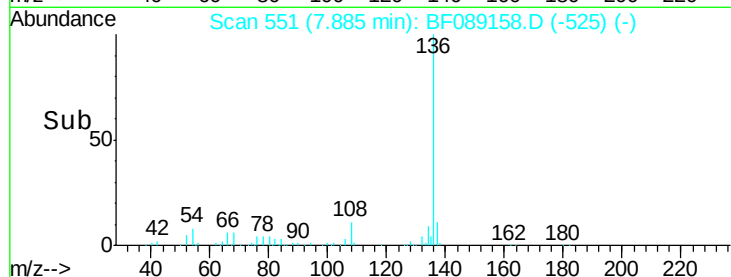
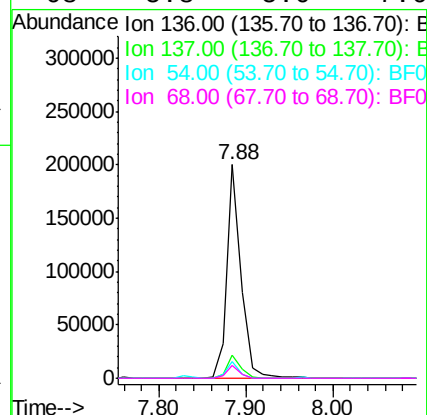
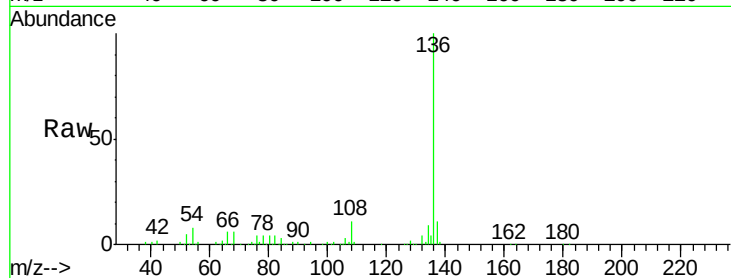




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

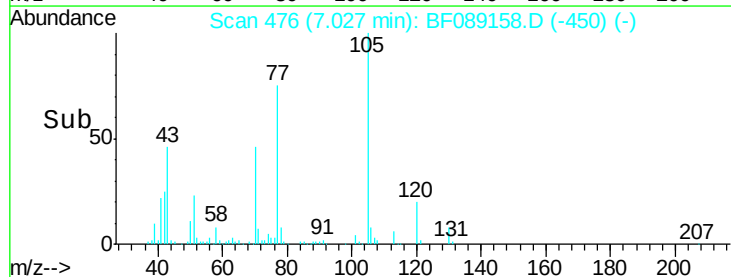
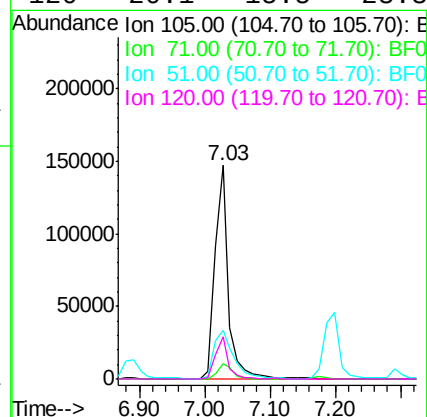
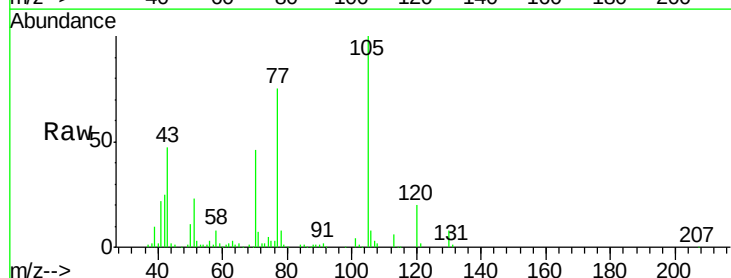
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

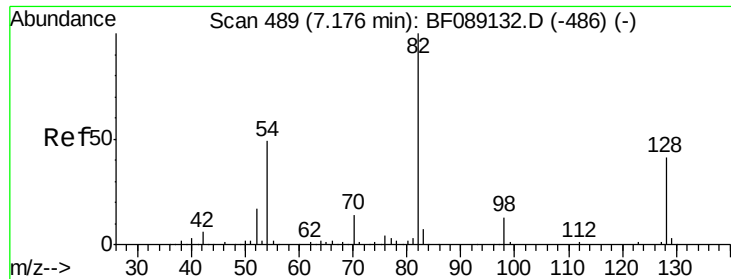
Tgt Ion:	136	Resp:	227677
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	7.0	10.4
68	5.8	5.0	7.6



#22
Acetophenone
Concen: 35.09 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:	105	Resp:	213342
Ion	Ratio	Lower	Upper
105	100		
71	7.5	3.8	5.6#
51	23.0	19.6	29.4
120	20.1	15.5	23.3

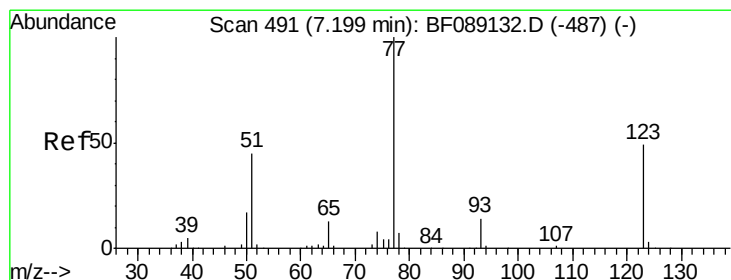
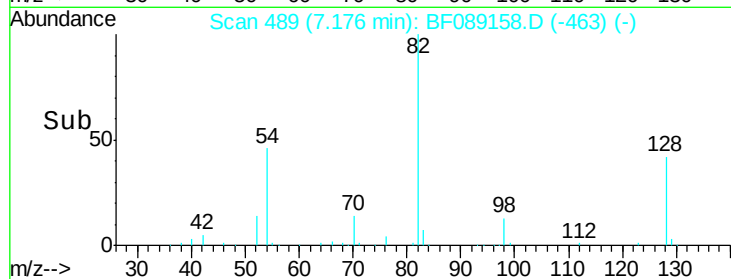
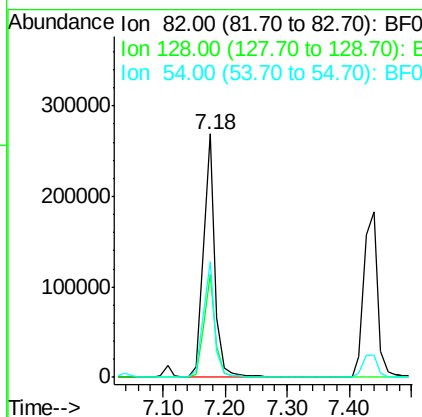
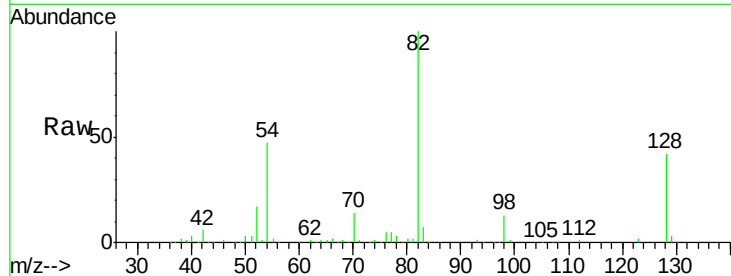




#23
 Nitrobenzene-d5
 Concen: 80.61 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

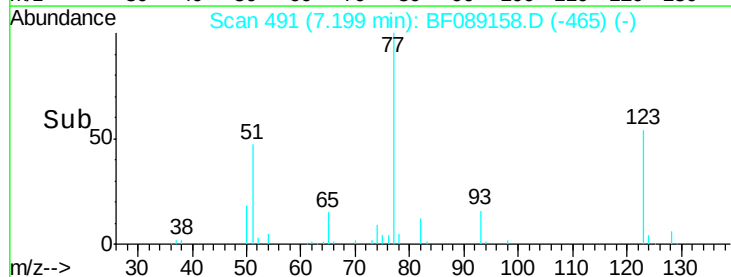
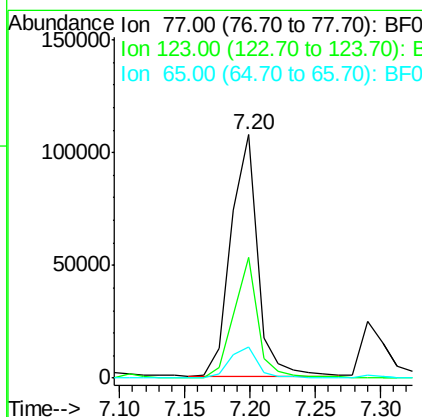
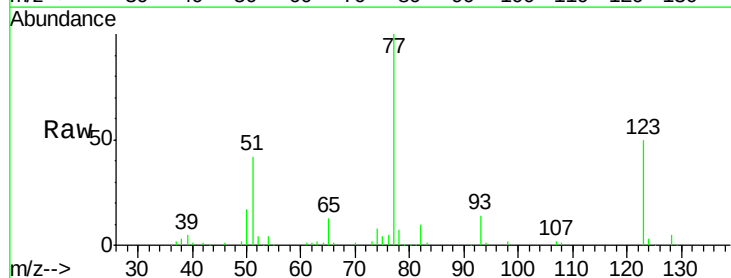
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

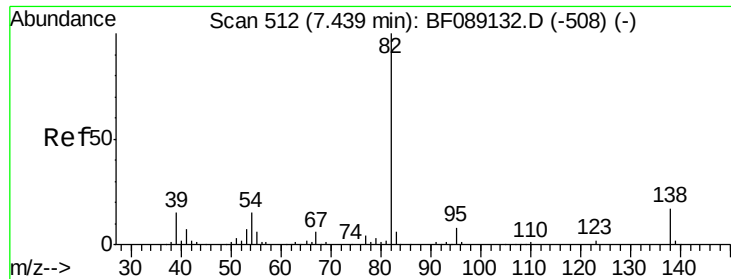
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.6
54	47.2	39.0	58.4



#24
 Nitrobenzene
 Concen: 33.47 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	38.9	58.3
65	12.6	10.6	15.8





#25

Isophorone

Concen: 35.70 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

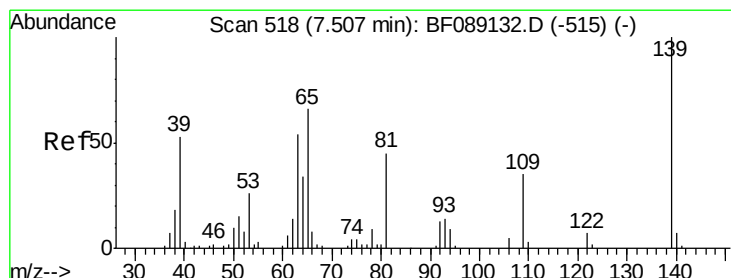
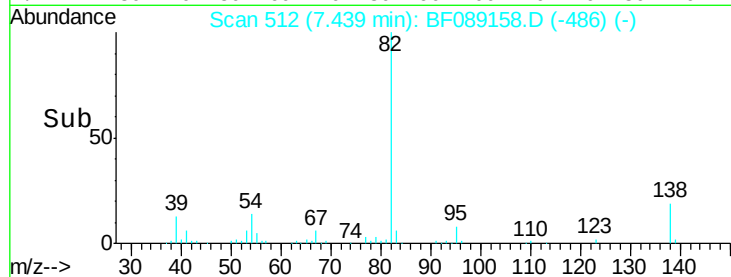
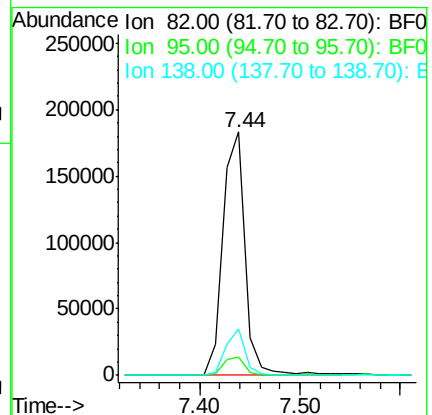
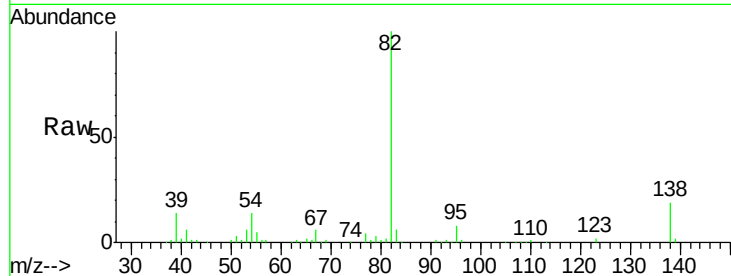
Tgt Ion: 82 Resp: 281948

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 18.9 13.6 20.4



#26

2-Nitrophenol

Concen: 35.39 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

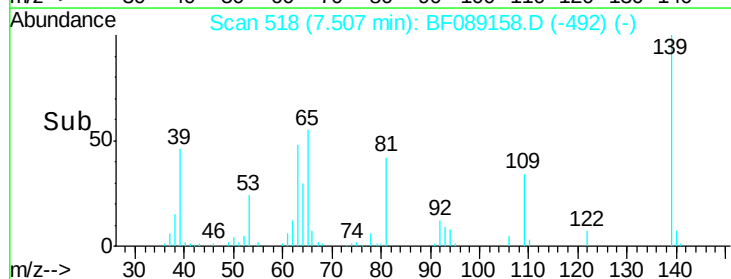
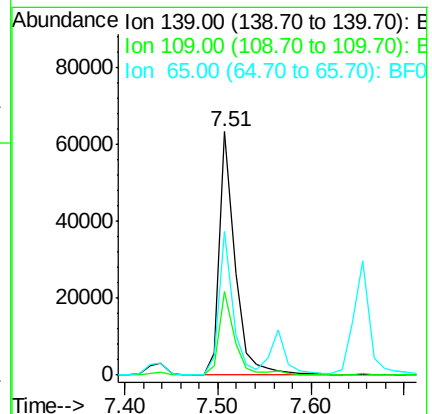
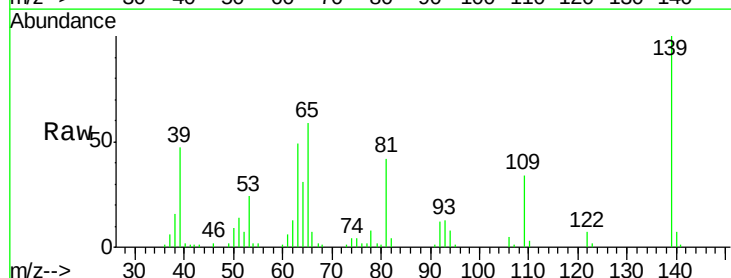
Tgt Ion: 139 Resp: 74583

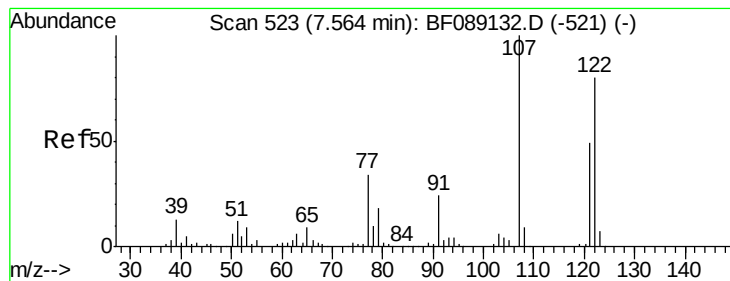
Ion Ratio Lower Upper

139 100

109 34.2 28.1 42.1

65 58.8 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 34.60 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

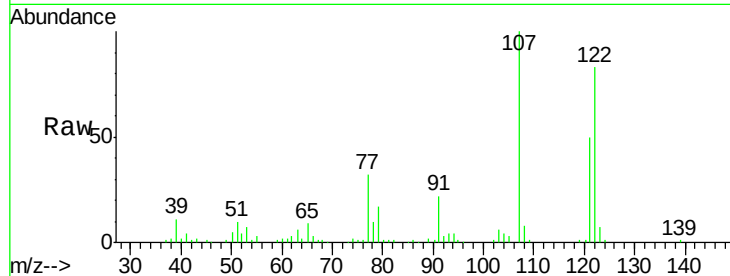
Tgt Ion:122 Resp: 122887

Ion Ratio Lower Upper

122 100

107 121.0 99.7 149.5

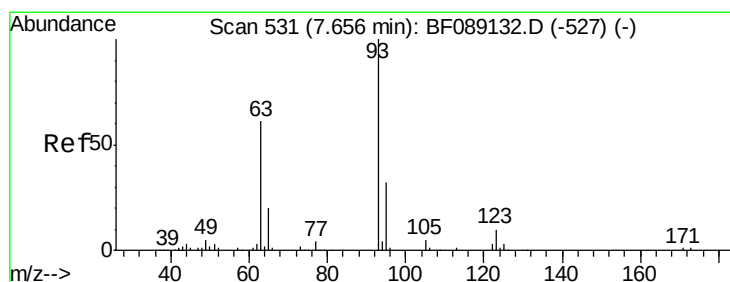
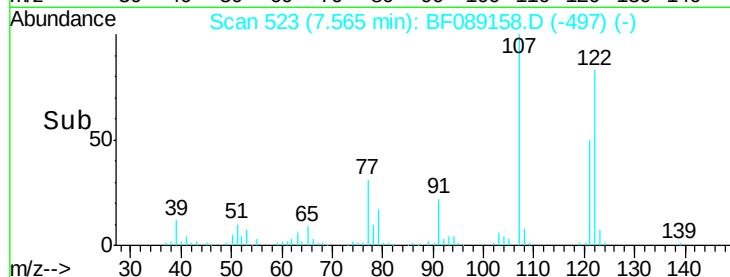
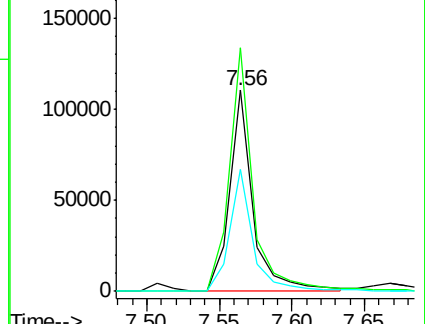
121 60.8 48.5 72.7



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: 36.60 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

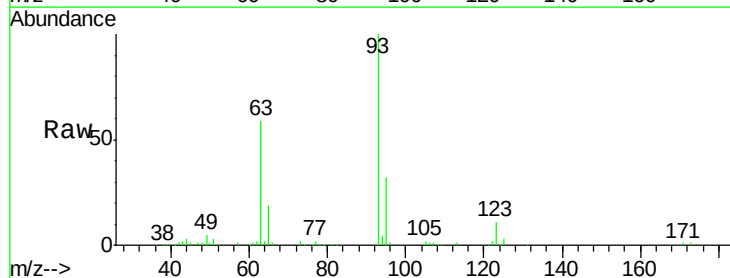
Tgt Ion: 93 Resp: 180810

Ion Ratio Lower Upper

93 100

95 32.4 25.4 38.0

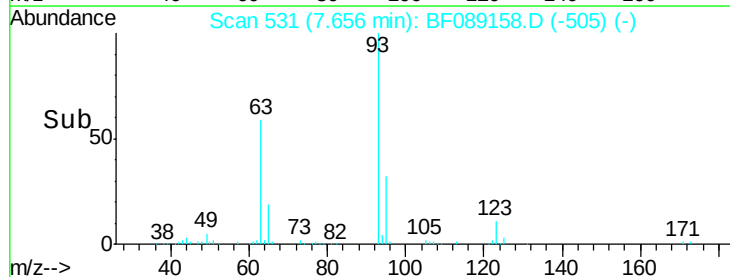
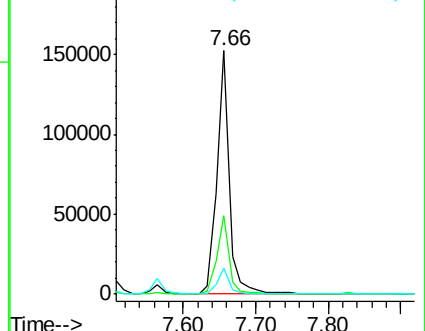
123 10.9 8.3 12.5

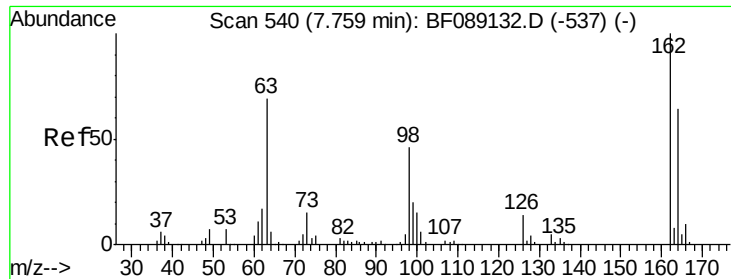


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

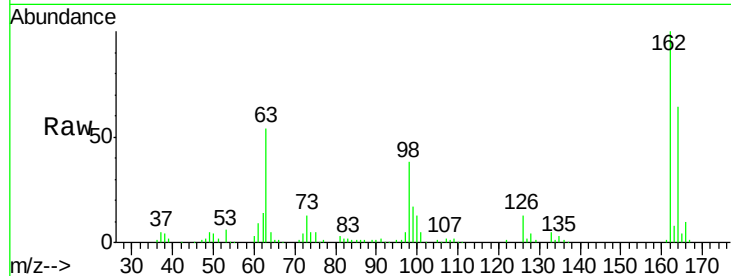




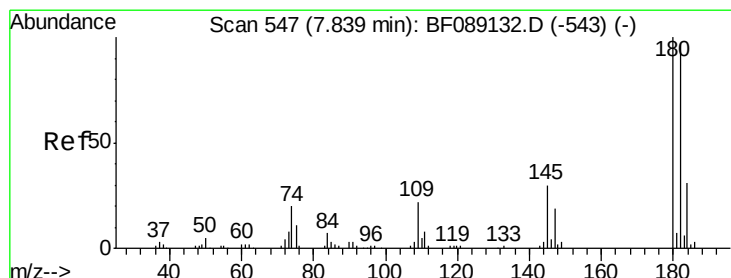
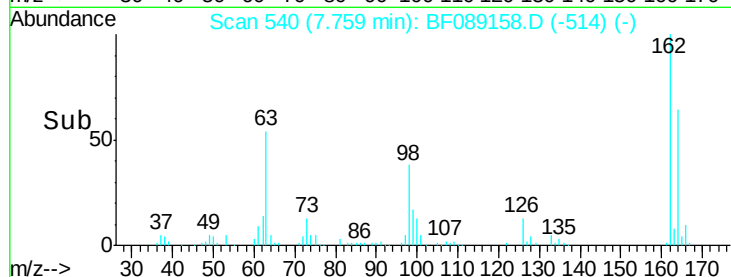
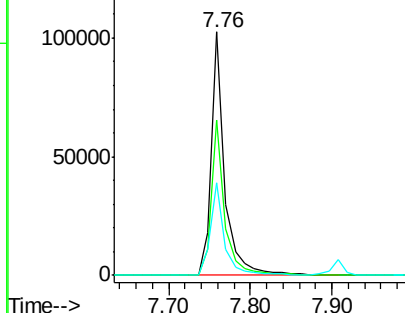
#29
 2,4-Dichlorophenol
 Concen: 37.43 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	119792		
164	63.9	44.0	84.0	
98	38.3	26.0	66.0	

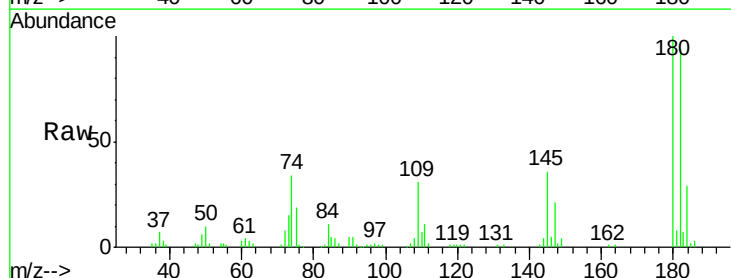


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

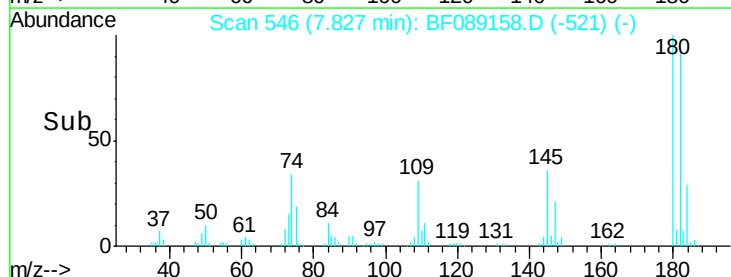
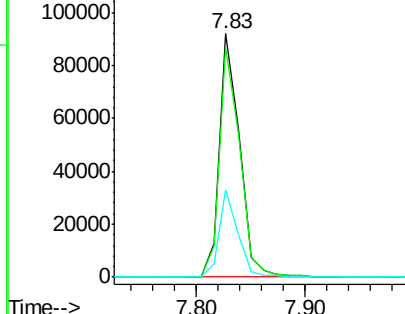


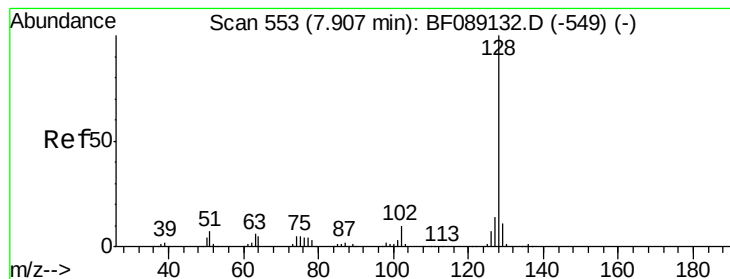
#30
 1,2,4-Trichlorobenzene
 Concen: 33.64 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119190		
182	94.1	77.6	116.4	
145	35.8	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: 34.81 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

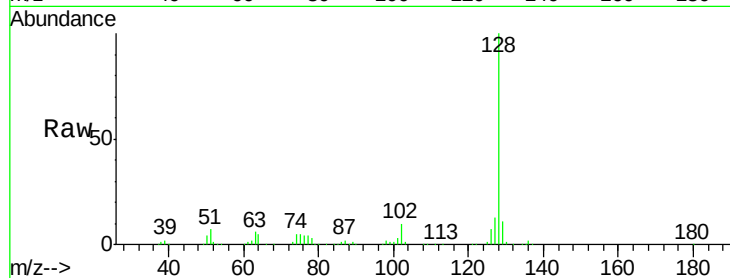
Tgt Ion:128 Resp: 427796

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

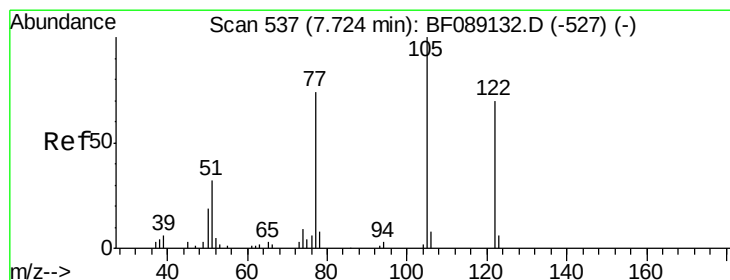
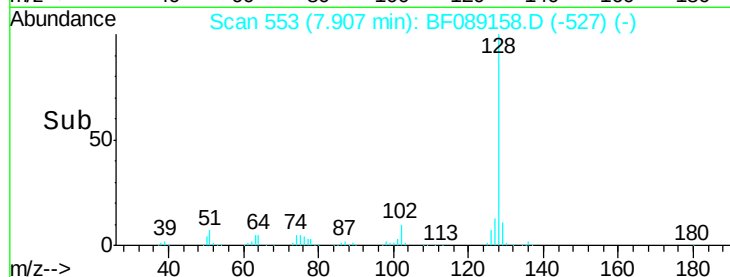
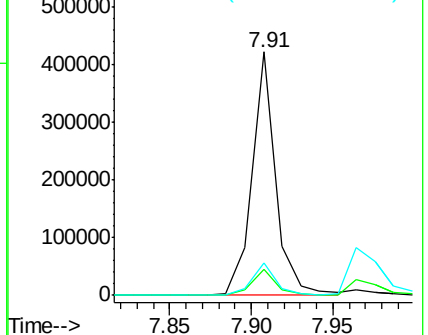
127 13.2 10.8 16.2



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: 4.40 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.06 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

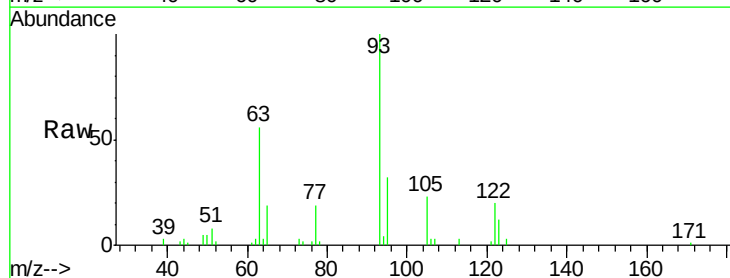
Tgt Ion:122 Resp: 12020

Ion Ratio Lower Upper

122 100

105 119.5 119.0 159.0

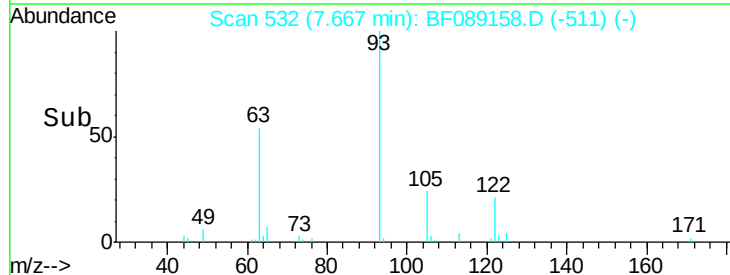
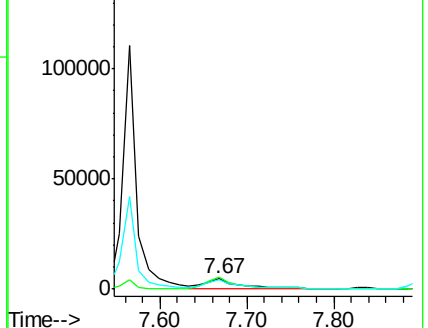
77 97.5 84.7 124.7

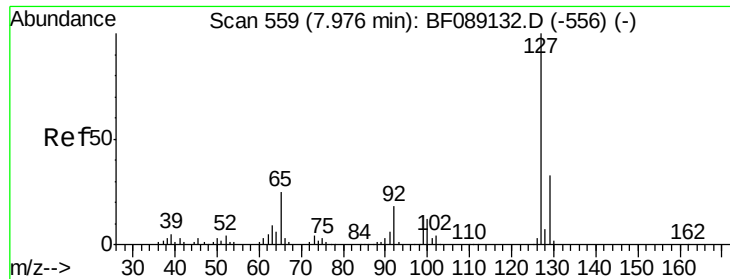


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

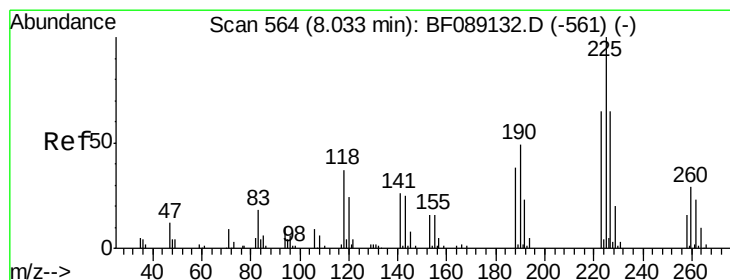
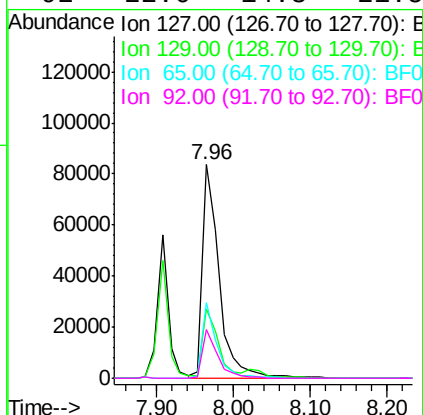
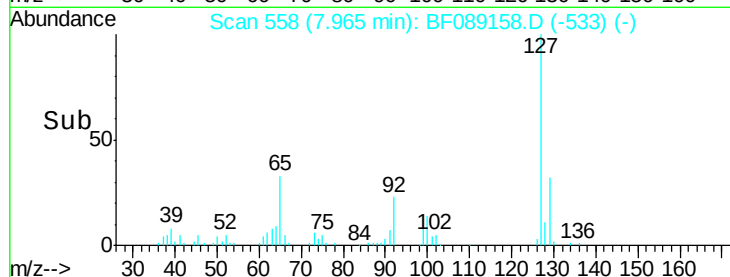
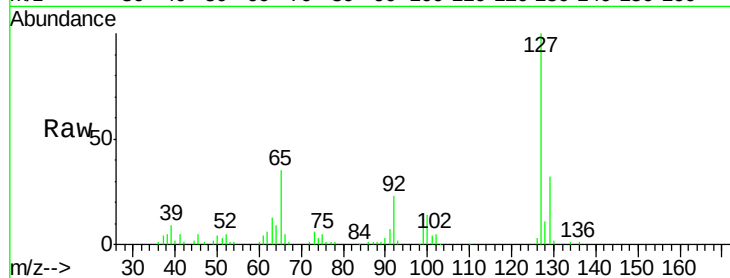




#33
4-Chloroaniline
Concen: 24.47 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

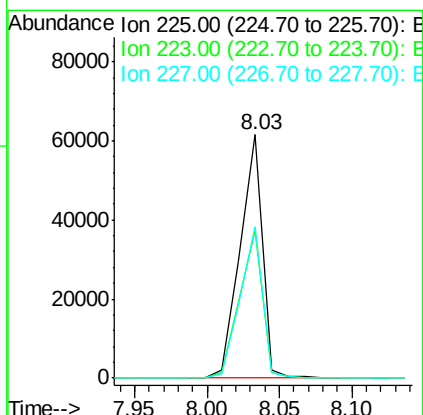
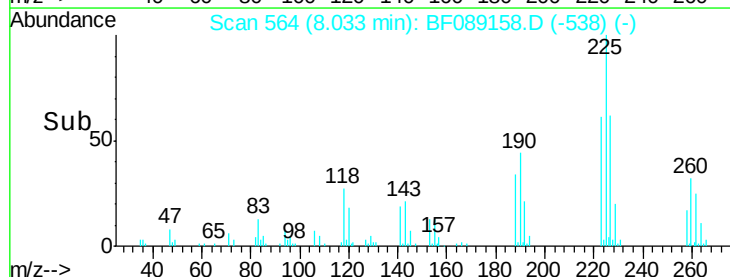
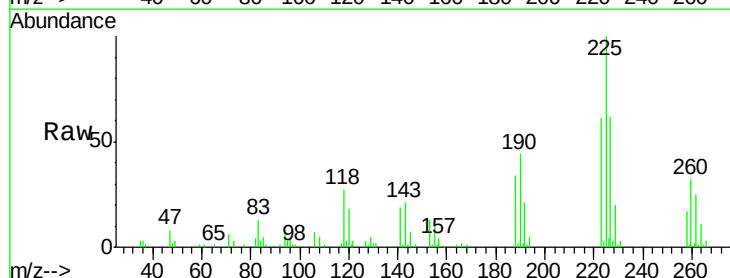
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

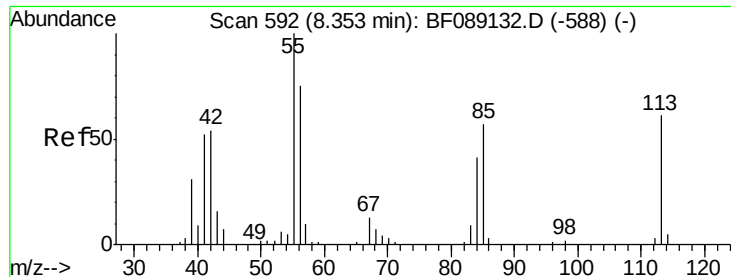
Tgt Ion:	127	Resp:	126454
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	35.3	19.7	29.5#
92	22.6	14.3	21.5#



#34
Hexachlorobutadiene
Concen: 33.36 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:	225	Resp:	65772
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.6	77.4
227	62.4	51.6	77.4

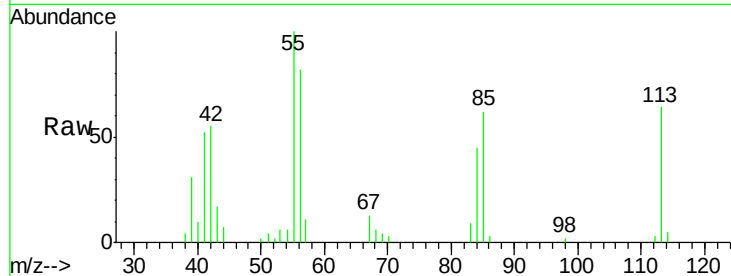




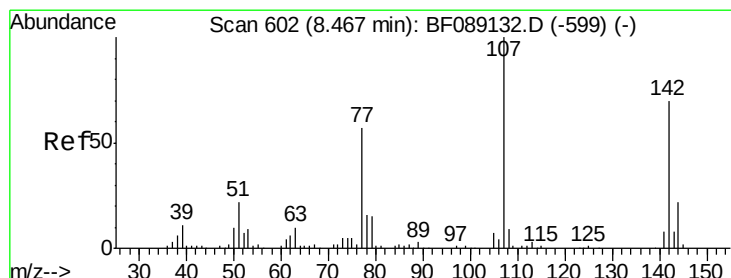
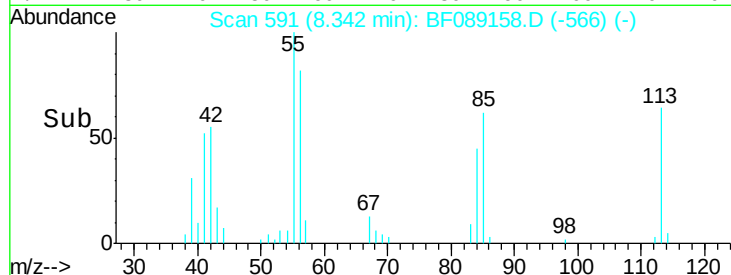
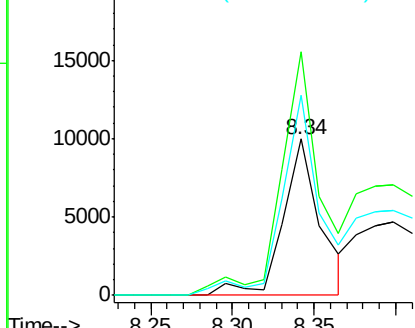
#35
 Caprolactam
 Concen: 15.89 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Tgt Ion:113 Resp: 15797
 Ion Ratio Lower Upper
 113 100
 55 155.9 145.3 185.3
 56 127.8 104.3 144.3

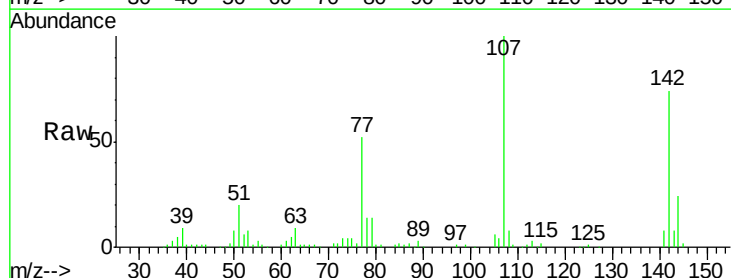


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

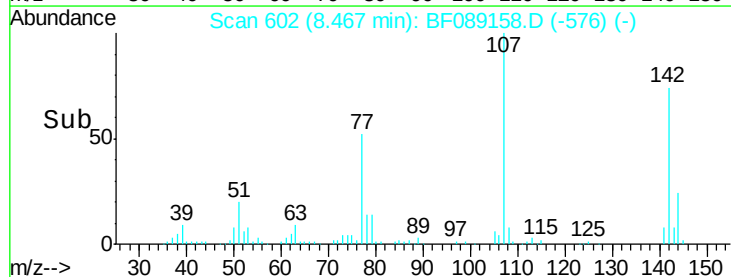
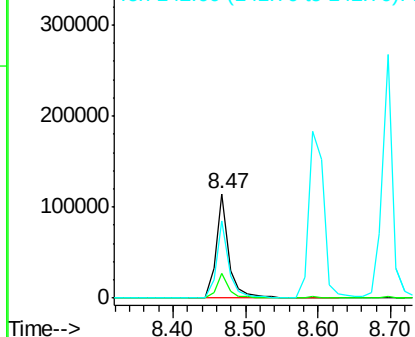


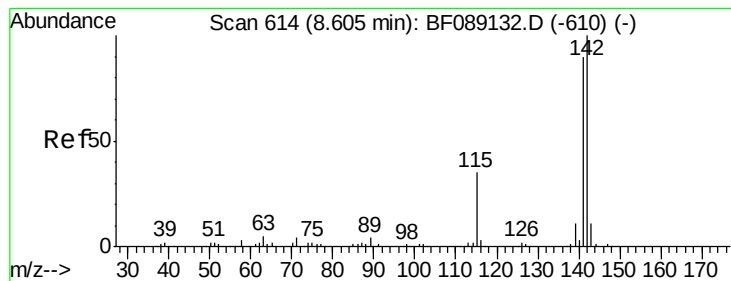
#36
 4-Chloro-3-methylphenol
 Concen: 36.23 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:107 Resp: 139690
 Ion Ratio Lower Upper
 107 100
 144 24.2 17.8 26.6
 142 73.8 56.1 84.1



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

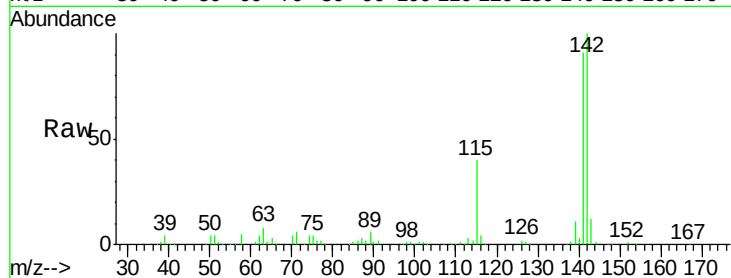




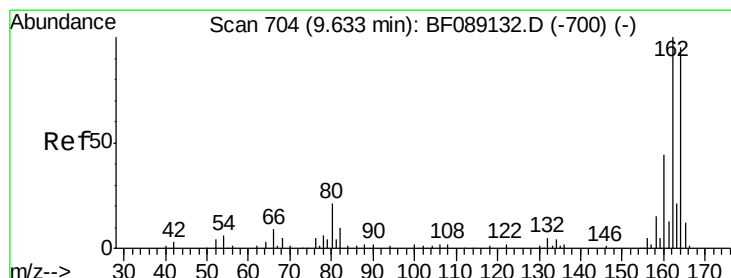
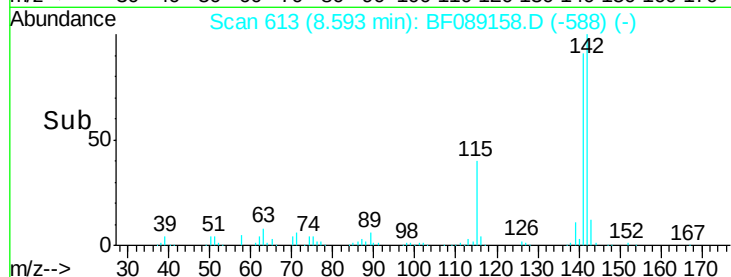
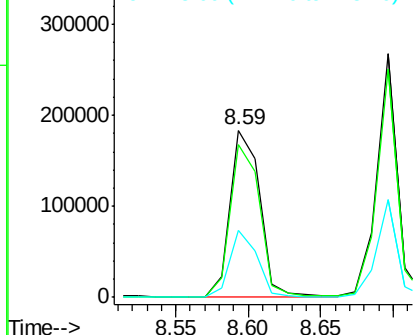
#37
 2-Methylnaphthalene
 Concen: 33.72 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Tgt Ion:142 Resp: 264280
 Ion Ratio Lower Upper
 142 100
 141 91.5 71.6 107.4
 115 40.3 27.6 41.4

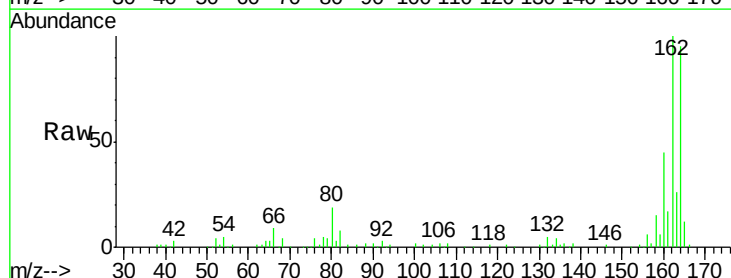


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

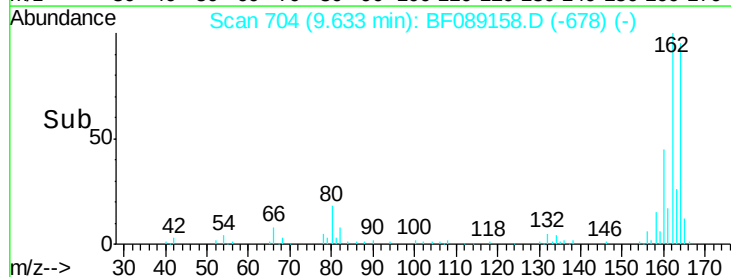
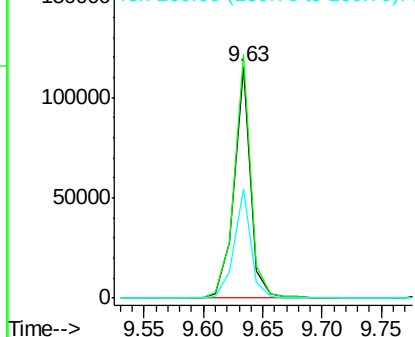


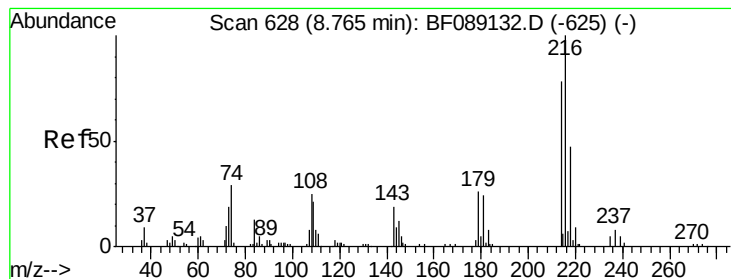
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:164 Resp: 111179
 Ion Ratio Lower Upper
 164 100
 162 105.4 84.1 126.1
 160 47.4 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: 28.40 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

Tgt Ion:216 Resp: 117337

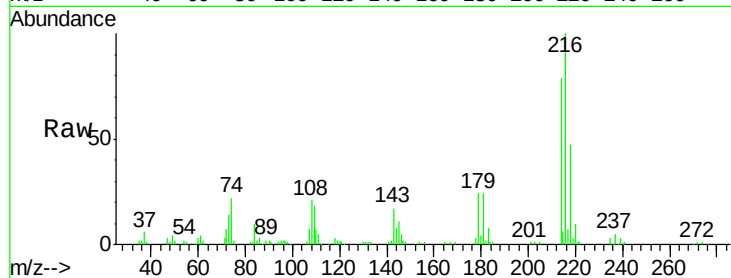
Ion Ratio Lower Upper

216 100

214 79.0 61.9 92.9

179 23.3 18.4 27.6

108 23.4 17.0 25.6

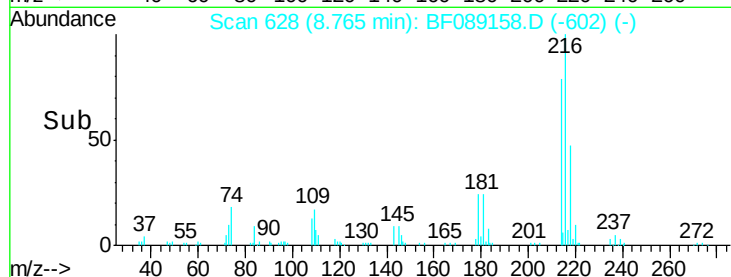


Abundance Ion 216.00 (215.70 to 216.70): E

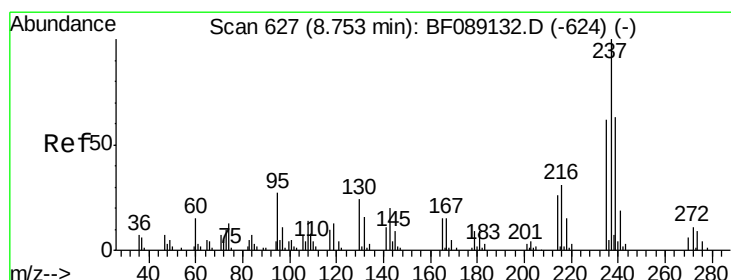
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 68.37 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

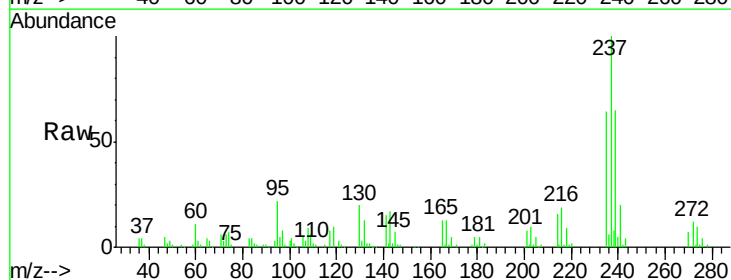
Tgt Ion:237 Resp: 92689

Ion Ratio Lower Upper

237 100

235 63.8 42.1 82.1

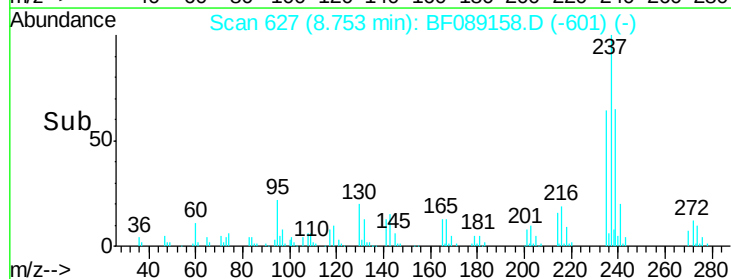
272 12.0 0.0 31.4



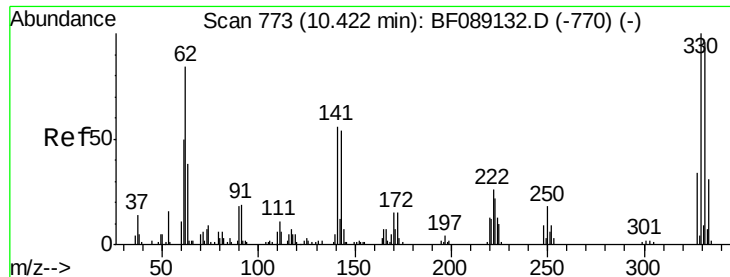
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



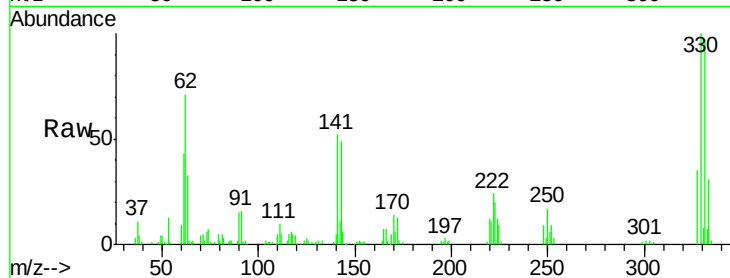
Time-->



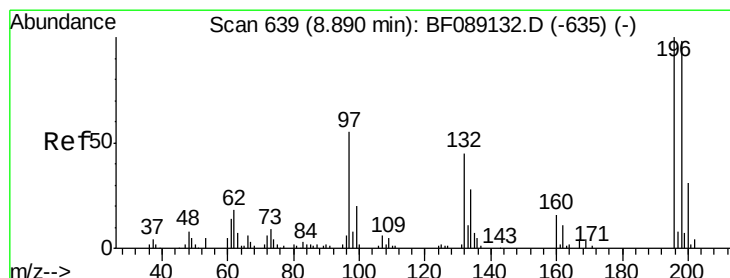
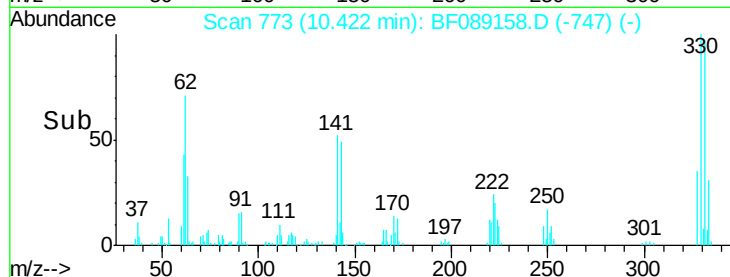
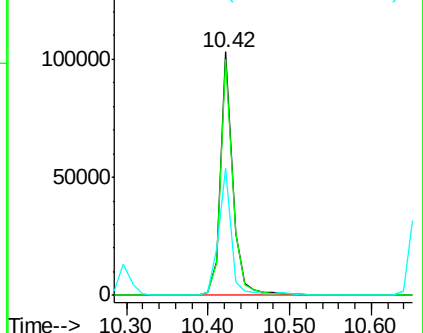
#41
 2,4,6-Tribromophenol
 Concen: 107.18 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Tgt Ion:330 Resp: 107281
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 54.3 42.2 63.2

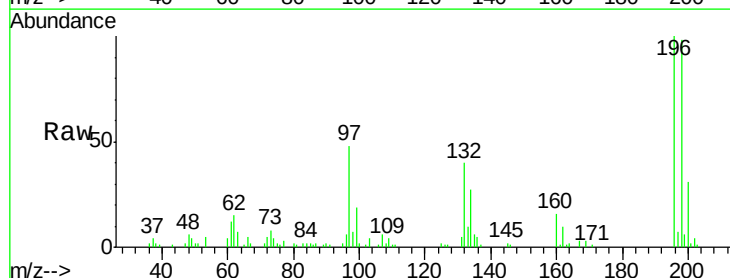


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

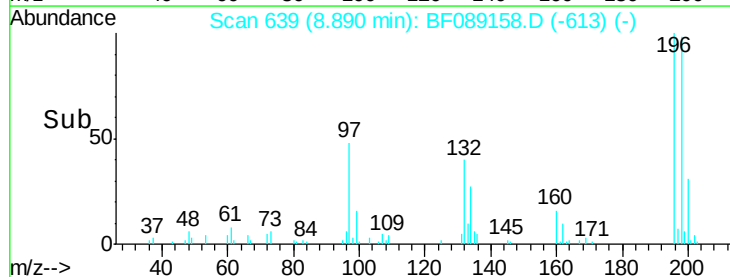
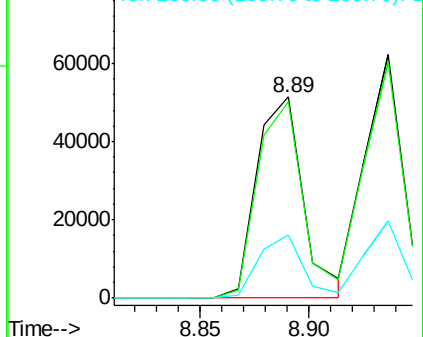


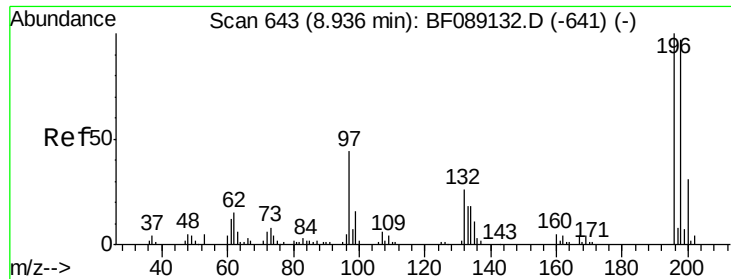
#42
 2,4,6-Trichlorophenol
 Concen: 33.12 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:196 Resp: 76601
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.3 117.5
 200 31.2 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

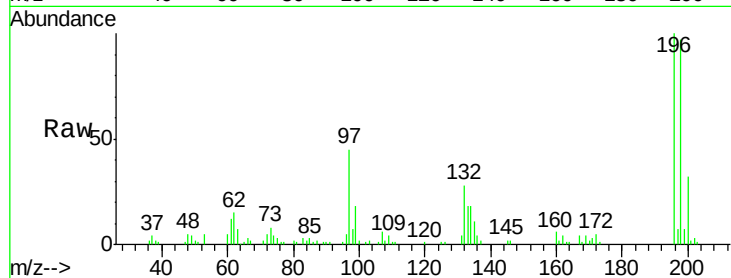




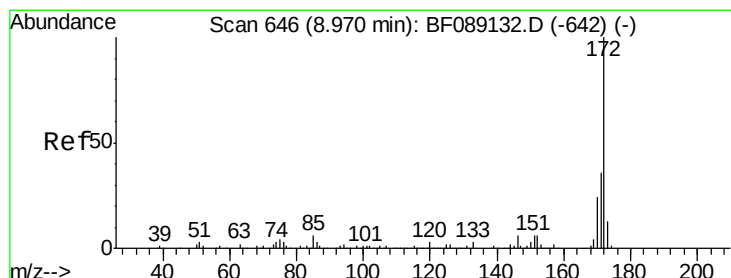
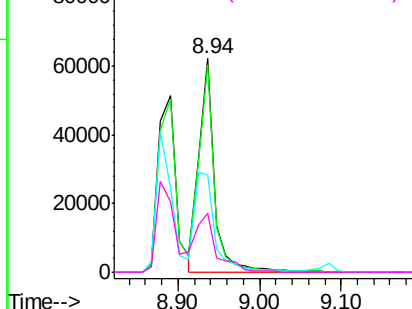
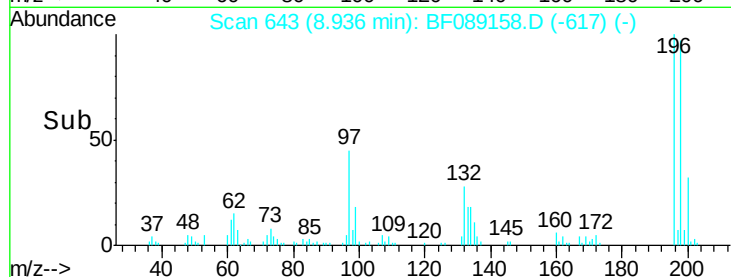
#43
 2,4,5-Trichlorophenol
 Concen: 36.49 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Tgt Ion:	196	Resp:	84709
Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.6	116.4
97	45.4	36.5	54.7
132	27.7	21.2	31.8

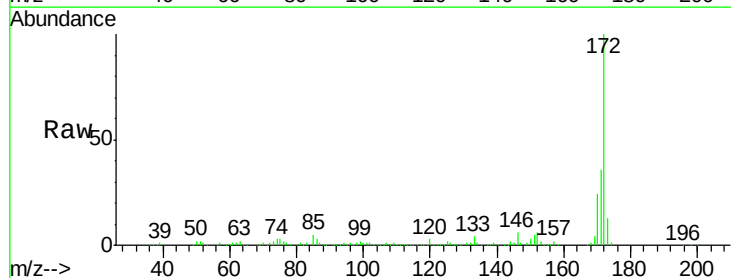


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

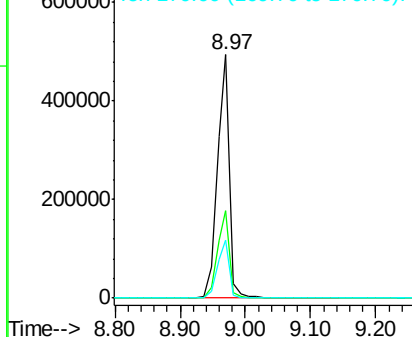
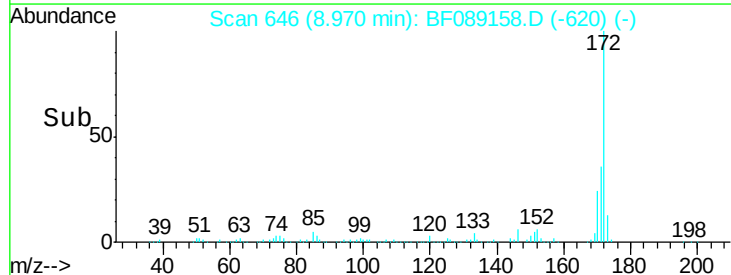


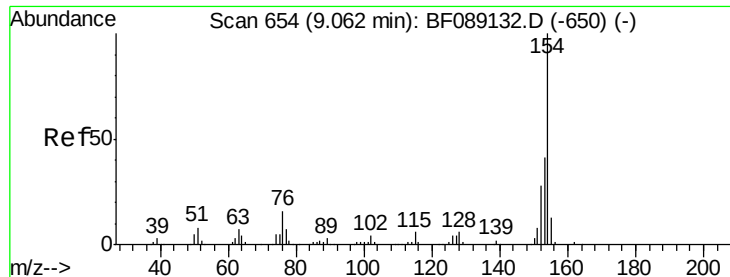
#44
 2-Fluorobiphenyl
 Concen: 80.07 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:	172	Resp:	646130
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.9	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

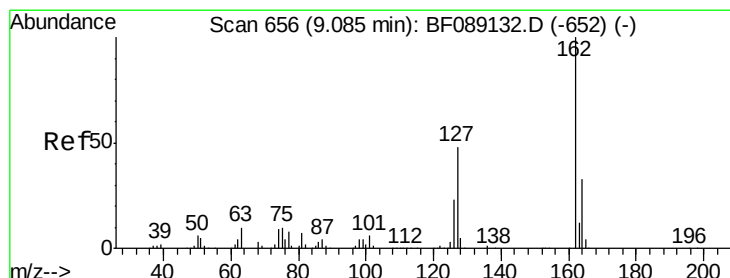
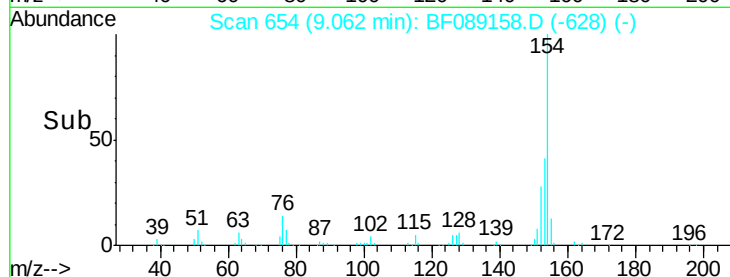
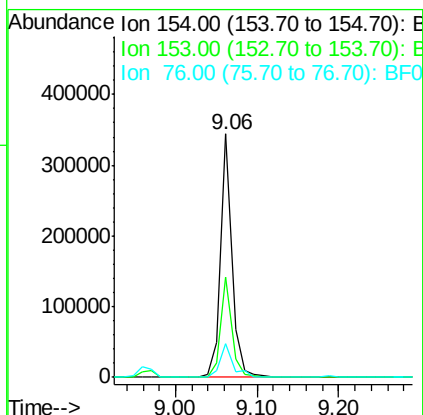
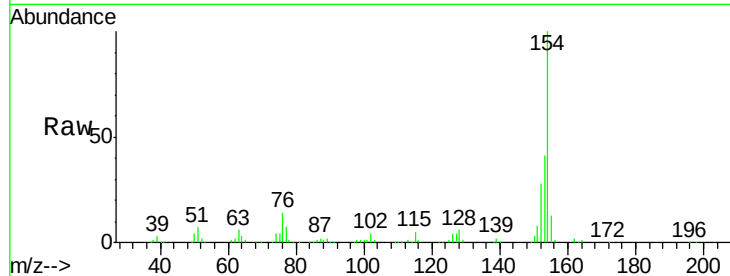




#45
 1,1'-Biphenyl
 Concen: 33.26 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

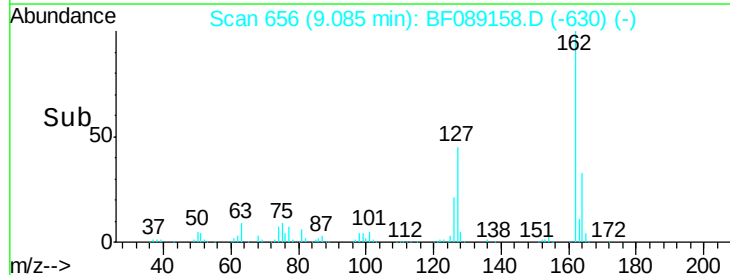
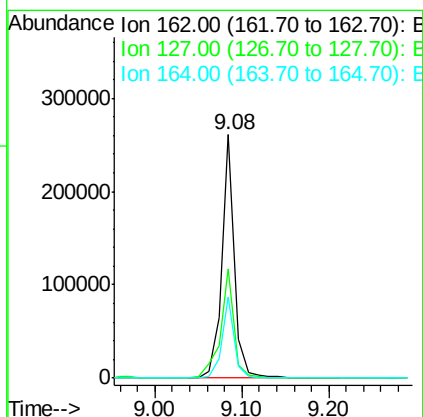
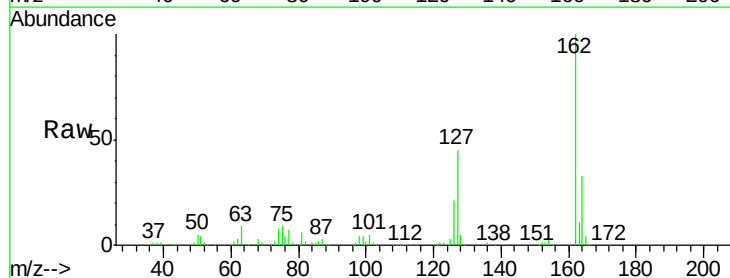
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

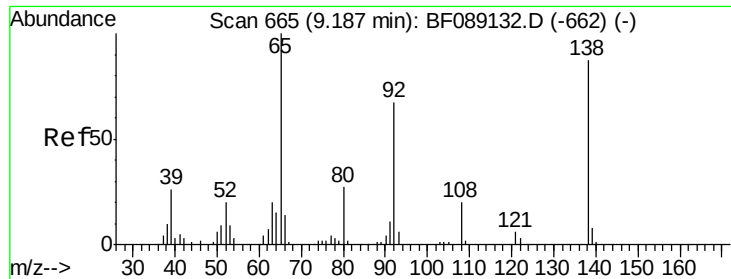
Tgt Ion:154 Resp: 332999
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.1 61.1
 76 13.6 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 35.04 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:162 Resp: 266568
 Ion Ratio Lower Upper
 162 100
 127 44.6 38.1 57.1
 164 33.2 26.1 39.1

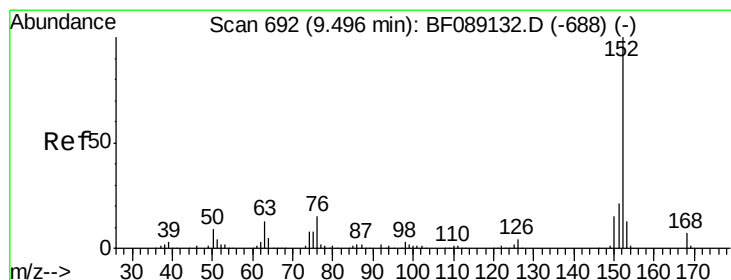
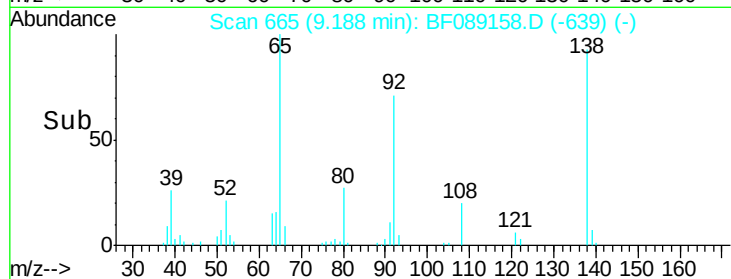
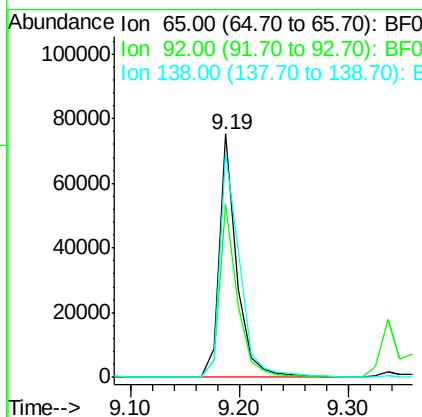
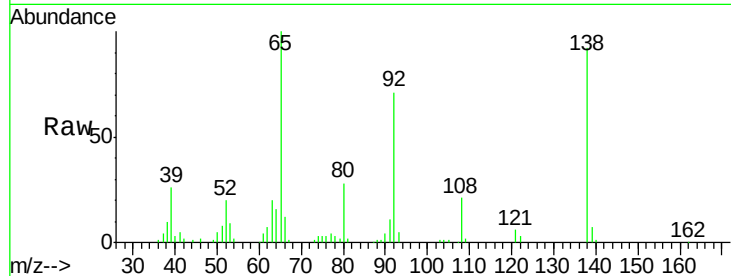




#47
 2-Nitroaniline
 Concen: 32.42 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

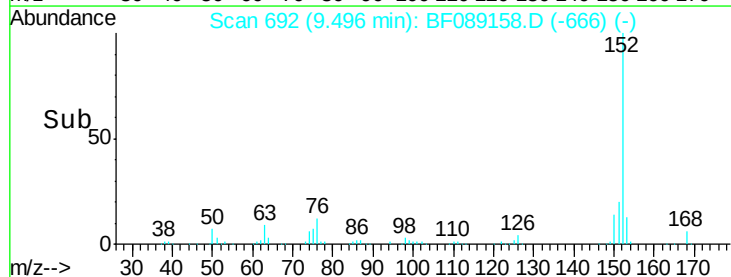
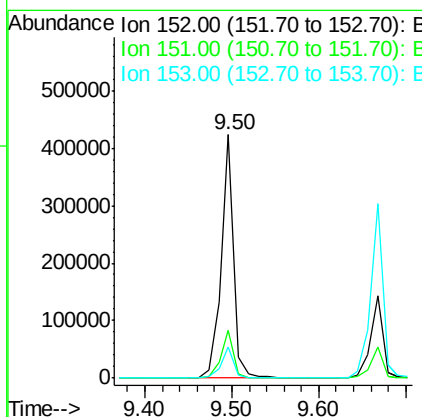
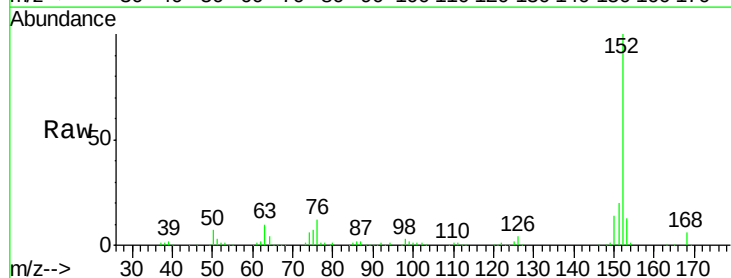
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

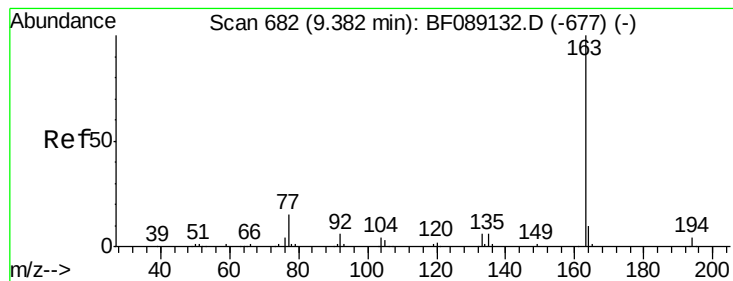
Tgt Ion: 65 Resp: 84611
 Ion Ratio Lower Upper
 65 100
 92 70.9 53.2 79.8
 138 92.0 69.4 104.2



#48
 Acenaphthylene
 Concen: 35.75 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion: 152 Resp: 427667
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.5 24.7
 153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 49.35 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

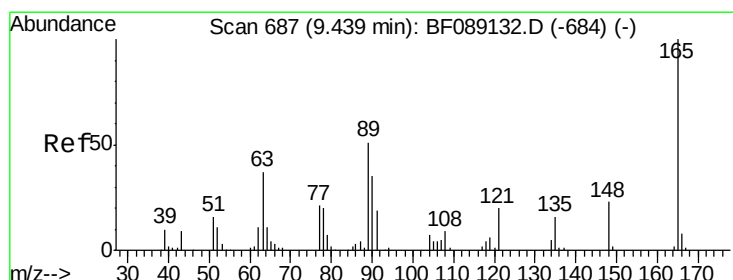
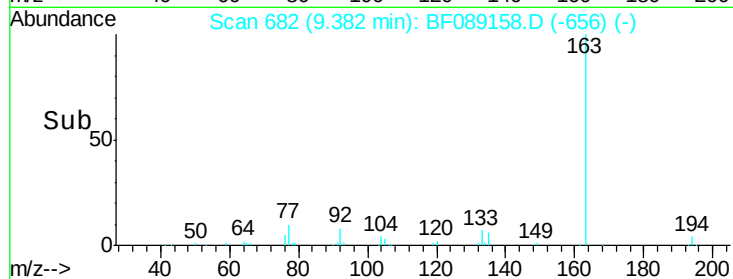
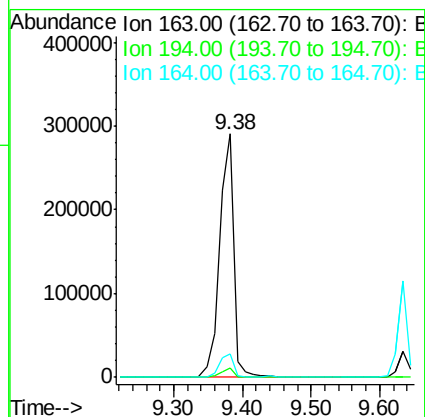
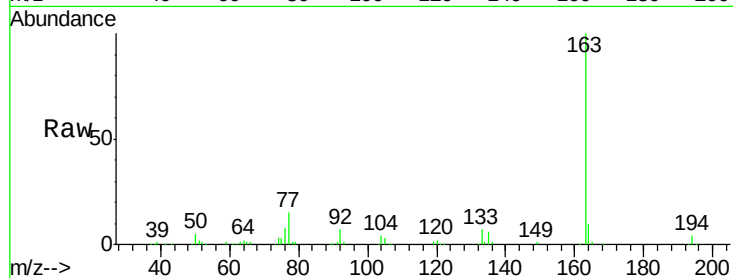
Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

Tgt Ion:163	Resp:	421057
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.9 4.3
164	9.5	7.6 11.4



#50

2,6-Dinitrotoluene

Concen: 36.32 ng

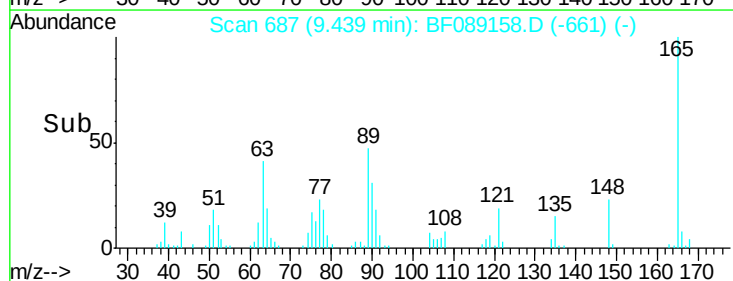
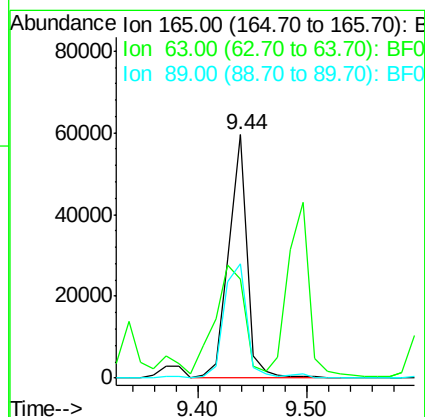
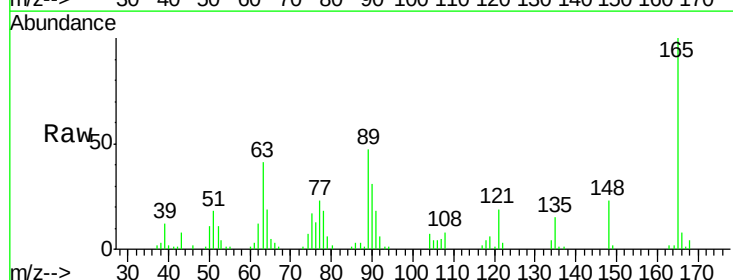
RT: 9.44 min Scan# 687

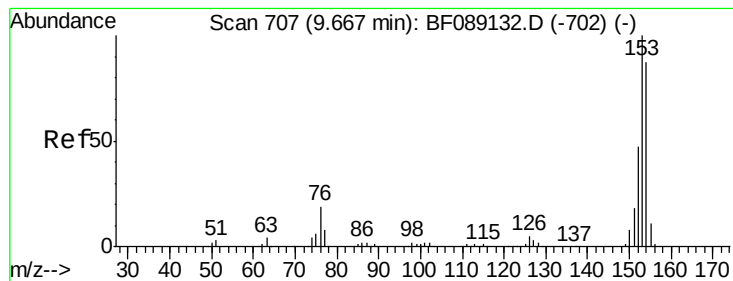
Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Tgt Ion:165	Resp:	69953
Ion Ratio	Lower	Upper
165	100	
63	40.7	37.0 55.4
89	47.1	40.9 61.3





#51

Acenaphthene

Concen: 35.97 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

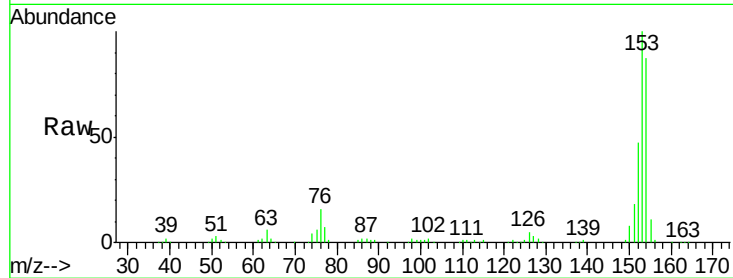
Tgt Ion:154 Resp: 254491

Ion Ratio Lower Upper

154 100

153 115.1 91.9 137.9

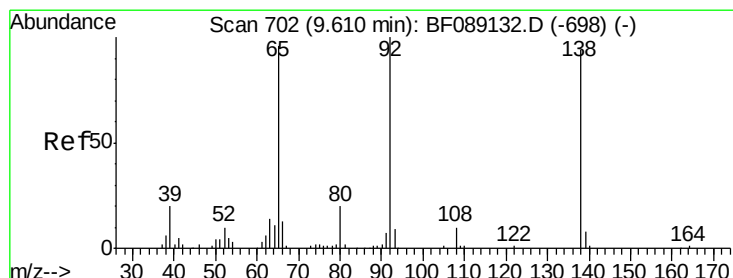
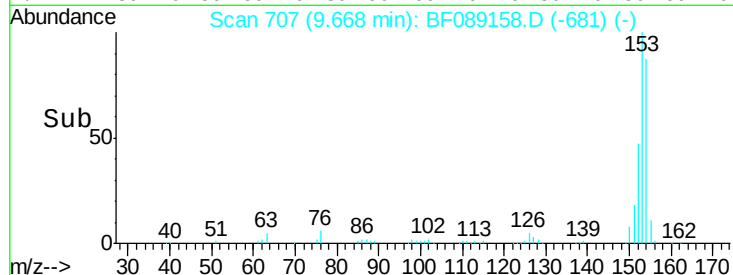
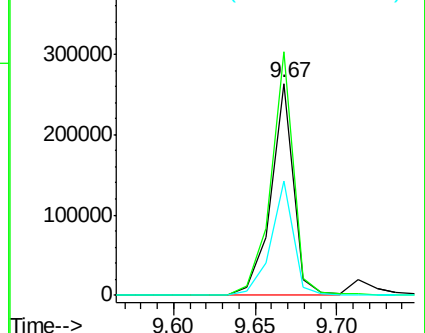
152 54.1 42.8 64.2



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: 26.18 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

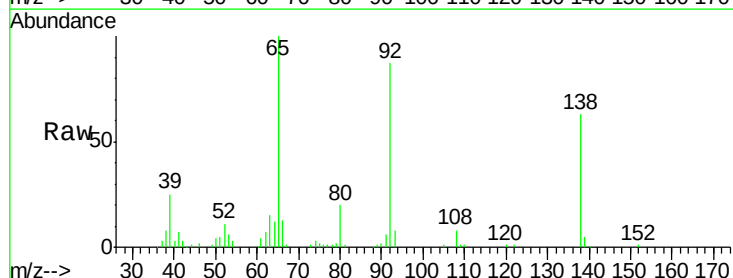
Tgt Ion:138 Resp: 59886

Ion Ratio Lower Upper

138 100

108 12.5 8.8 13.2

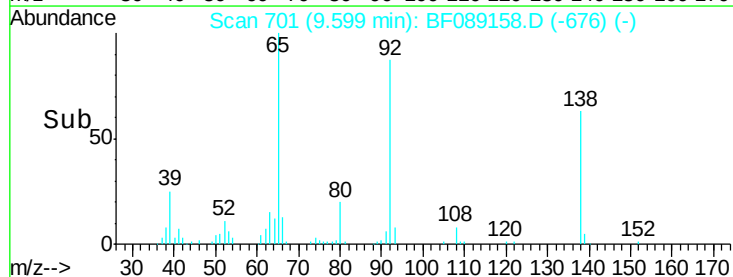
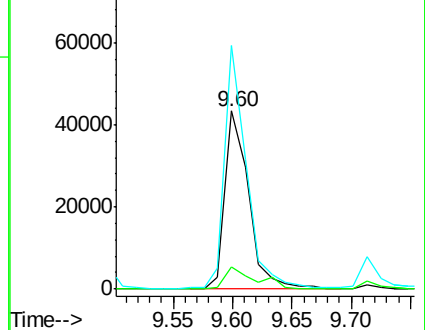
92 136.9 85.3 127.9#

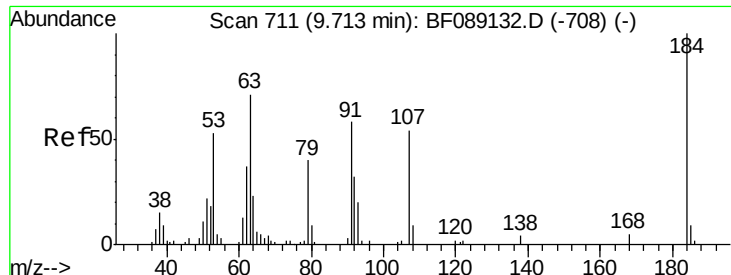


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

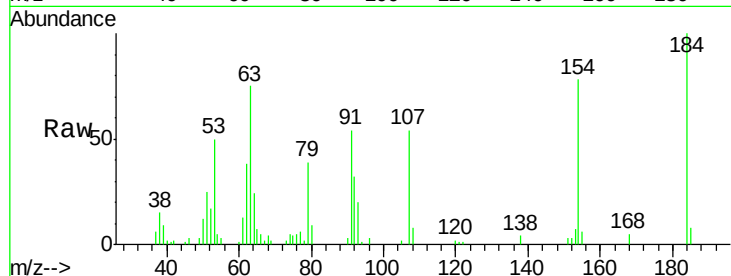




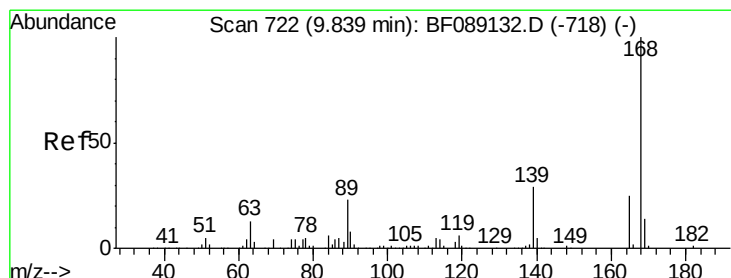
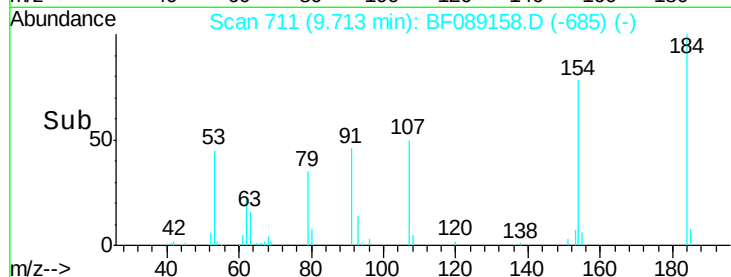
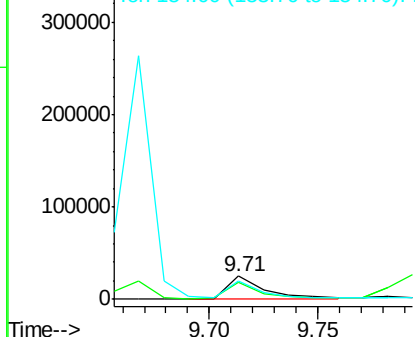
#53
2,4-Dinitrophenol
Concen: 35.30 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

Tgt Ion:184 Resp: 29433
Ion Ratio Lower Upper
184 100
63 74.6 60.3 90.5
154 78.4 60.7 91.1

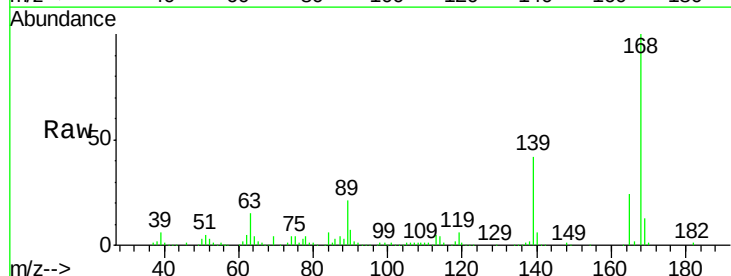


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

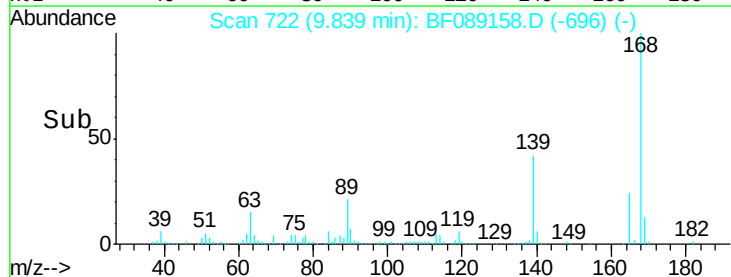
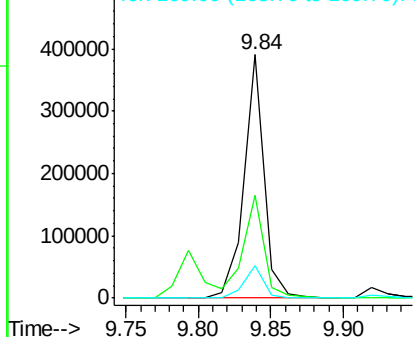


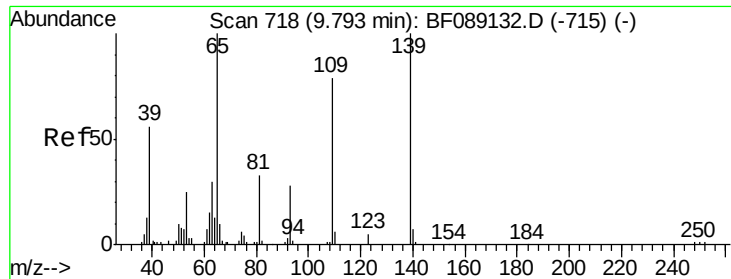
#54
Dibenzofuran
Concen: 39.21 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:168 Resp: 374931
Ion Ratio Lower Upper
168 100
139 42.1 34.4 51.6
169 13.4 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

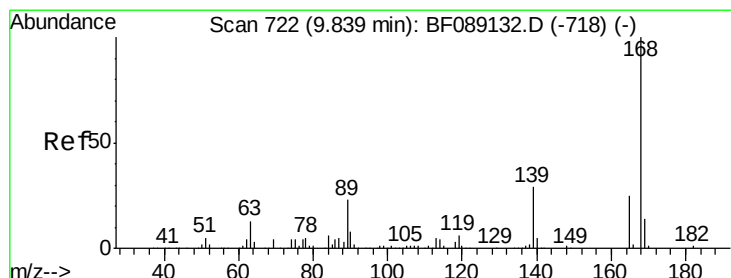
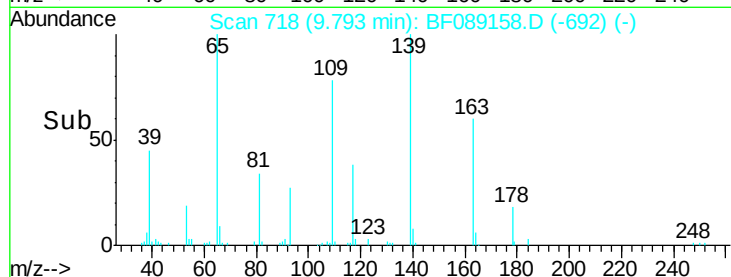
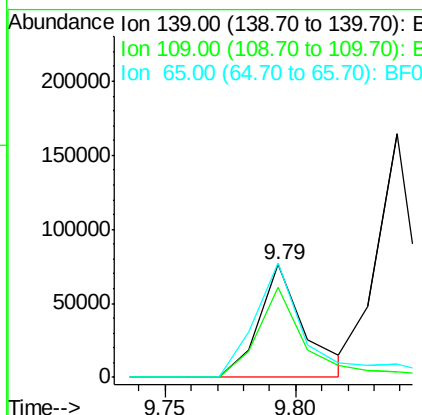
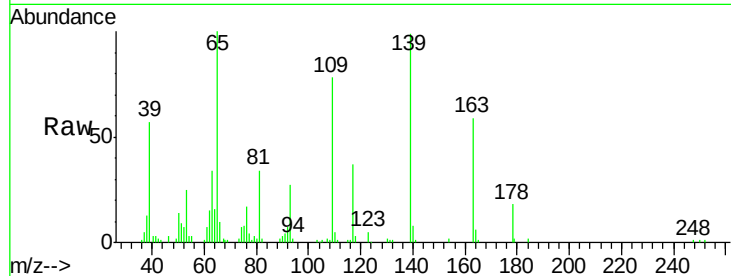




#55
4-Nitrophenol
Concen: 66.79 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

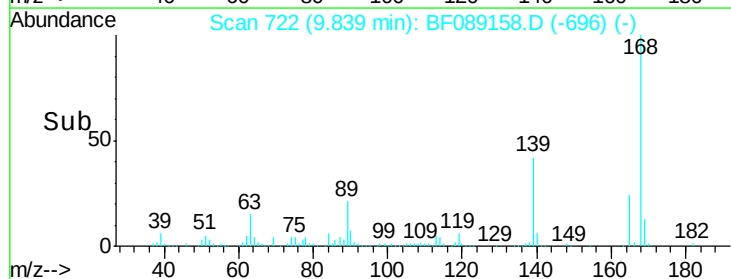
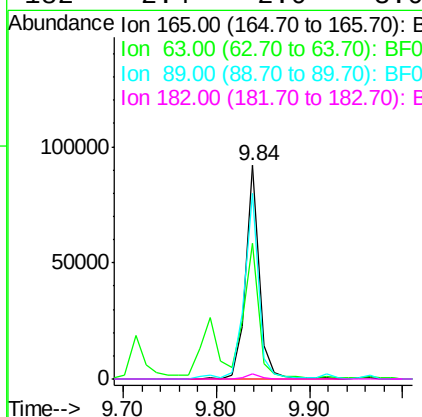
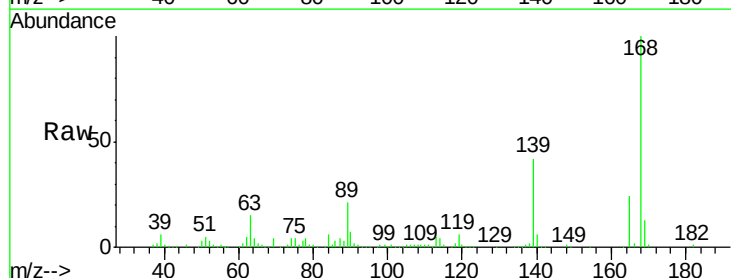
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

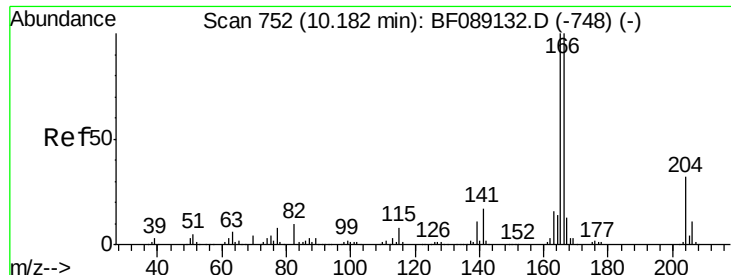
Tgt Ion:139 Resp: 92435
Ion Ratio Lower Upper
139 100
109 79.6 58.7 98.7
65 101.4 80.2 120.2



#56
2,4-Dinitrotoluene
Concen: 37.92 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:165 Resp: 94077
Ion Ratio Lower Upper
165 100
63 63.5 55.4 83.2
89 87.2 74.3 111.5
182 2.4 2.0 3.0

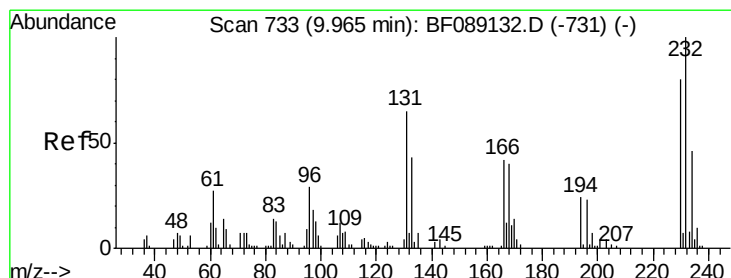
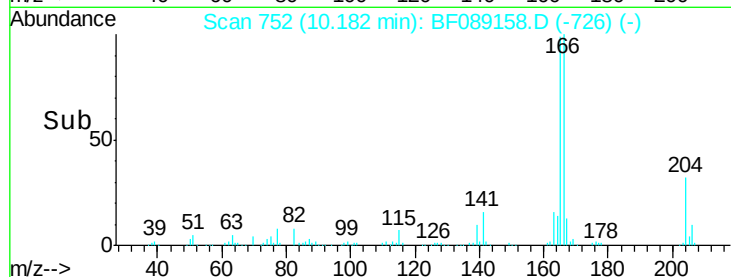
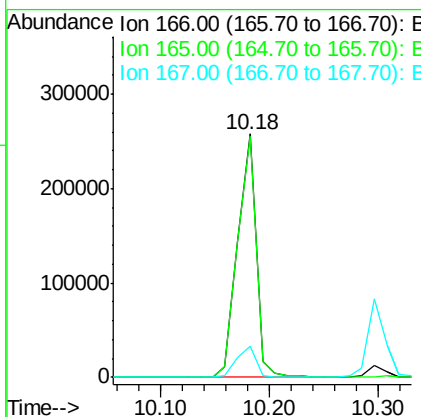
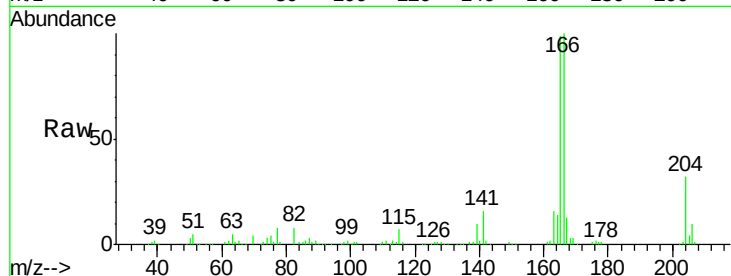




#57
 Fluorene
 Concen: 37.17 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

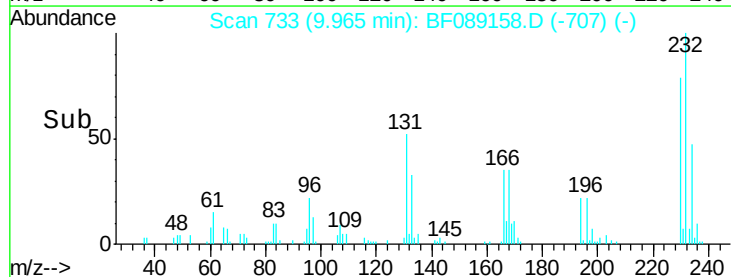
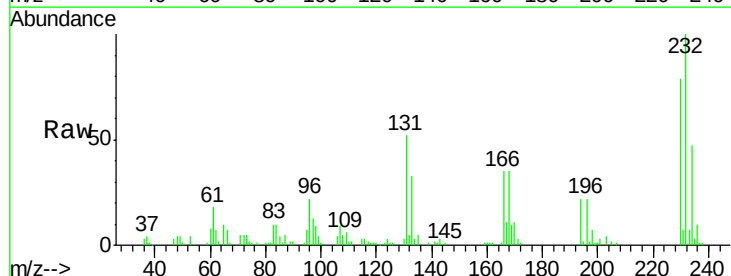
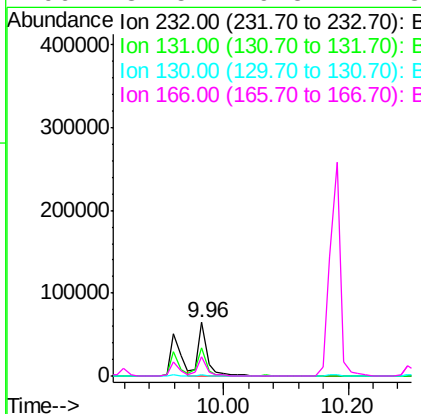
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

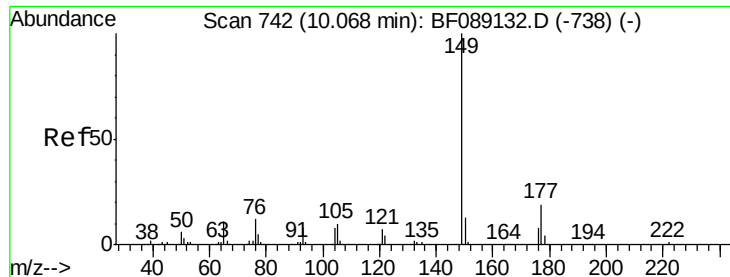
Tgt Ion:166 Resp: 301717
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.9 119.9
 167 12.9 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.94 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:232 Resp: 71603
 Ion Ratio Lower Upper
 232 100
 131 52.5 46.2 69.2
 130 2.6 2.3 3.5
 166 34.5 29.5 44.3

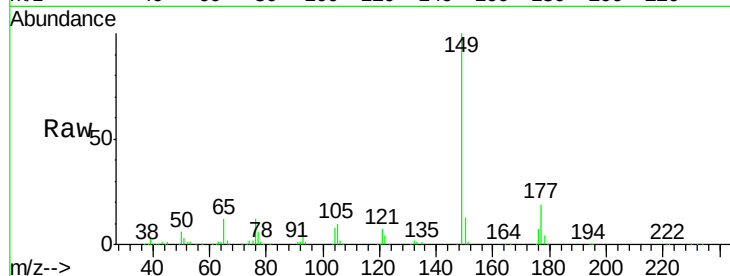




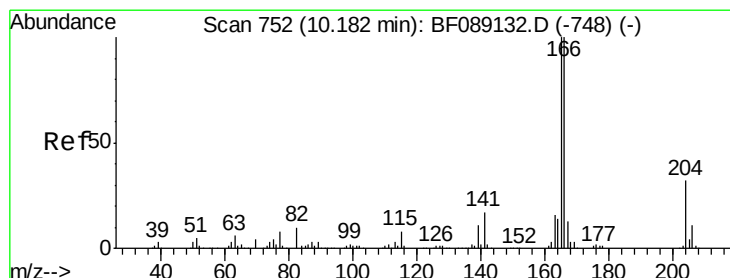
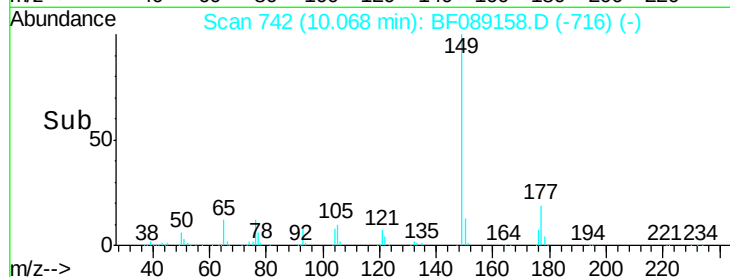
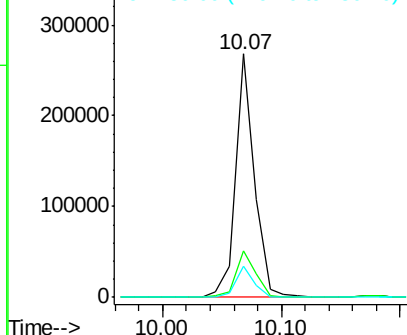
#59
Diethylphthalate
Concen: 35.08 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

Tgt Ion:149 Resp: 296748
Ion Ratio Lower Upper
149 100
177 19.2 15.6 23.4
150 12.6 10.1 15.1

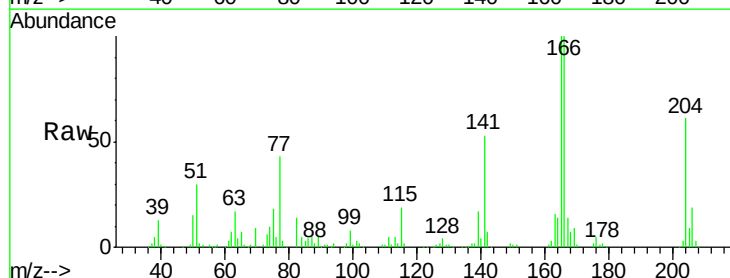


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

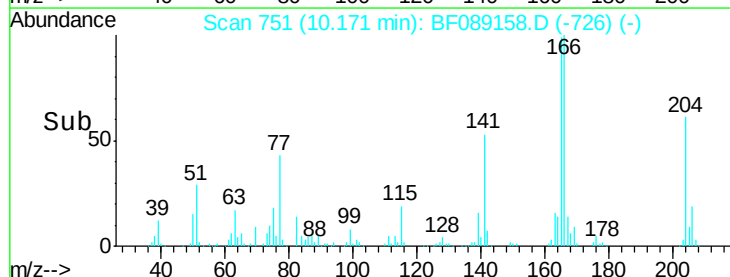
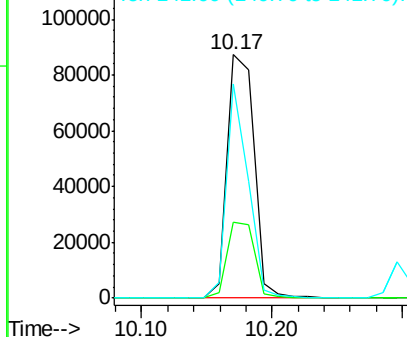


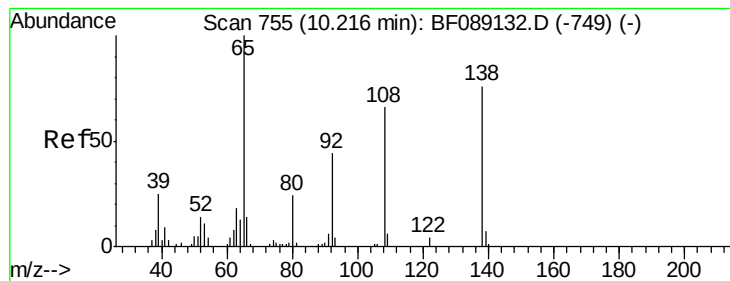
#60
4-Chlorophenyl-phenylether
Concen: 33.67 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:204 Resp: 124734
Ion Ratio Lower Upper
204 100
206 31.2 26.2 39.4
141 87.7 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: 32.66 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

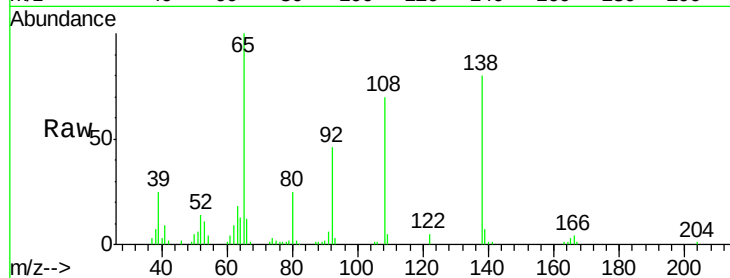
Tgt Ion:138 Resp: 72699

Ion Ratio Lower Upper

138 100

92 57.1 37.2 77.2

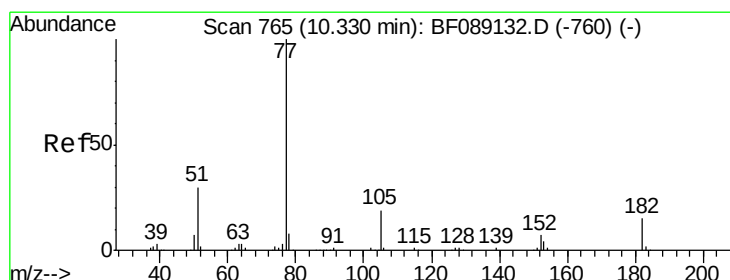
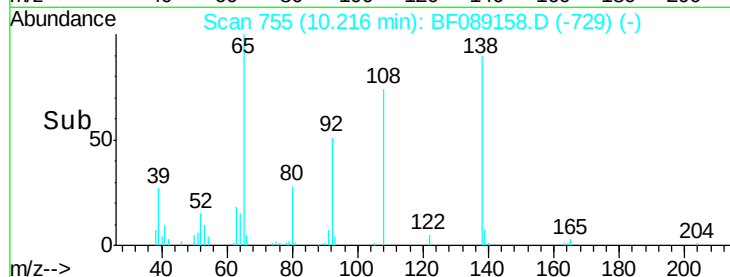
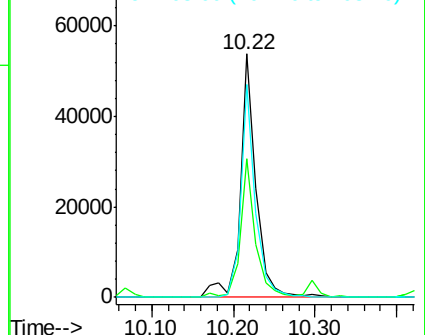
108 87.6 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.03 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Tgt Ion: 77 Resp: 340450

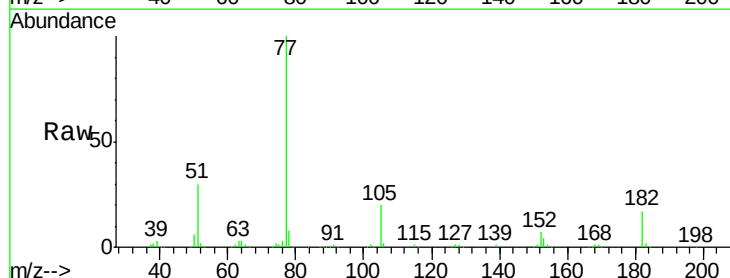
Ion Ratio Lower Upper

77 100

182 16.7 0.0 35.0

105 20.1 0.0 39.4

51 30.0 10.7 50.7

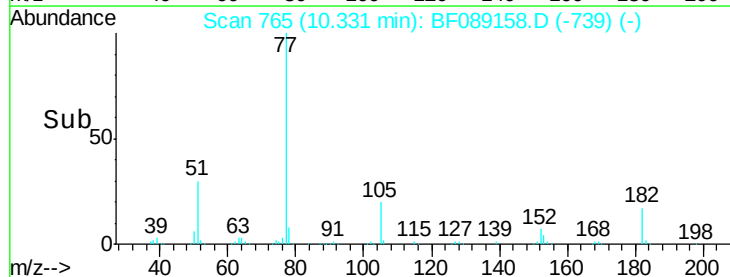
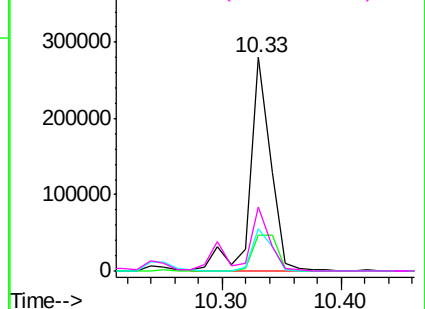


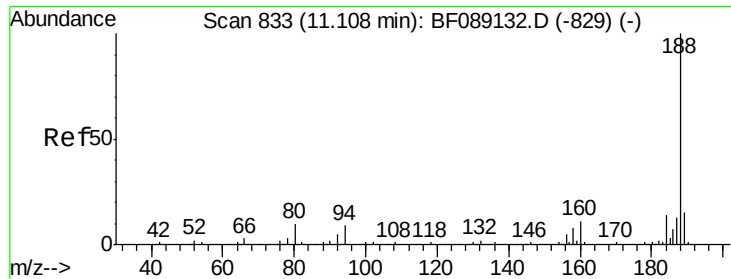
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

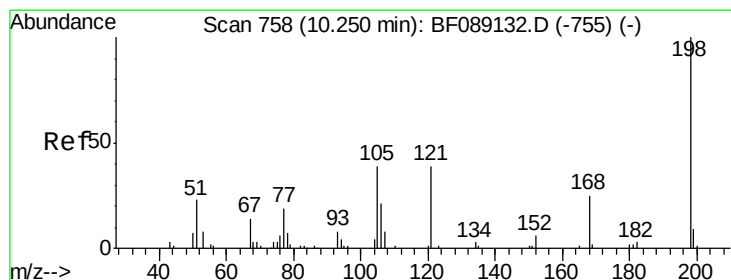
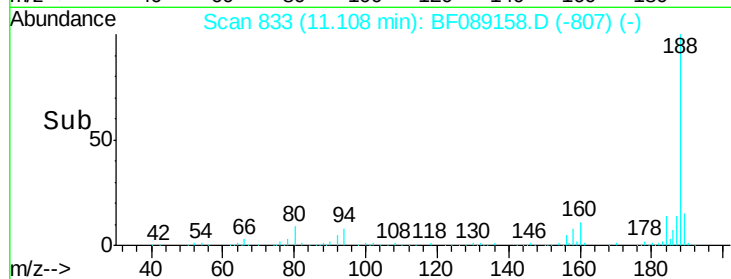
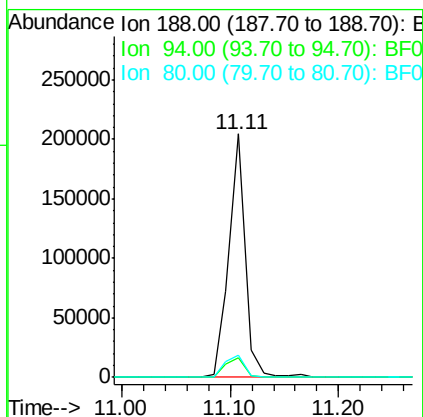
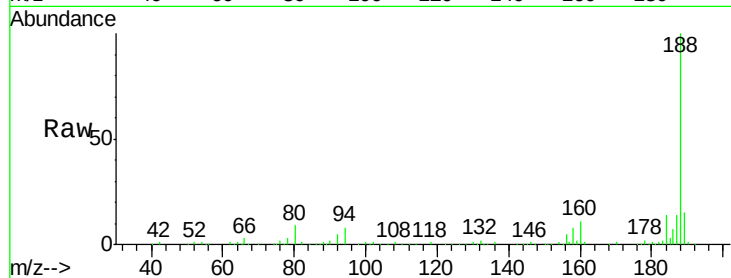




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

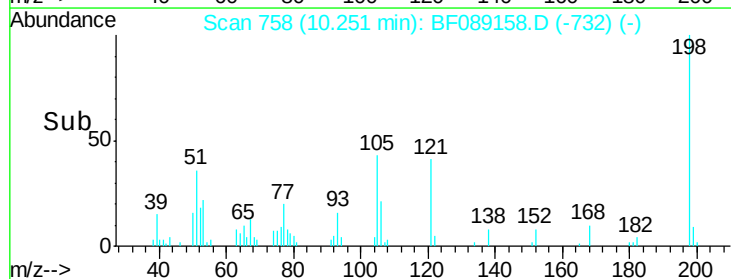
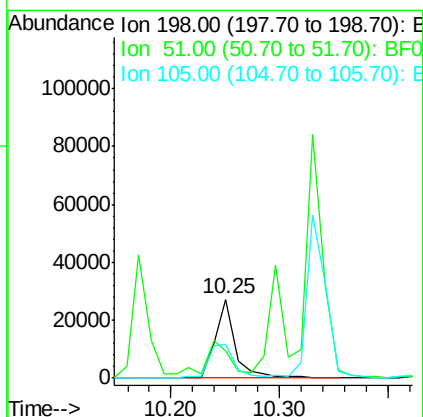
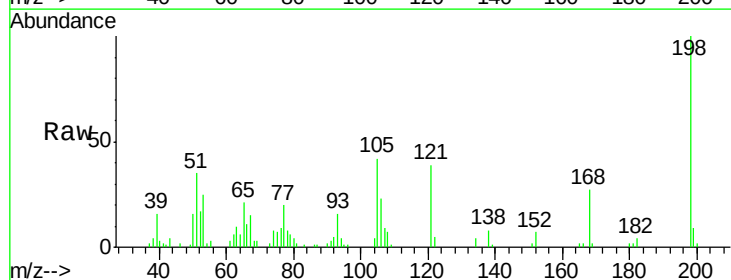
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

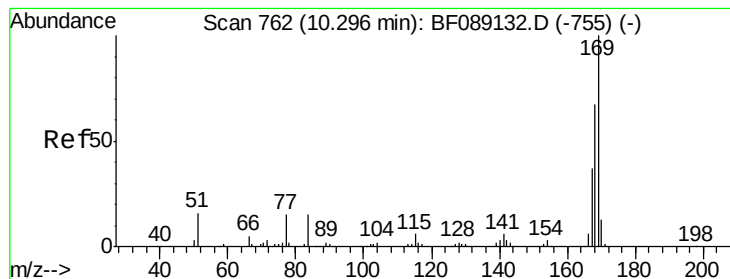
Tgt Ion:188 Resp: 213664
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.0 10.4
 80 9.1 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.98 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:198 Resp: 34809
 Ion Ratio Lower Upper
 198 100
 51 35.4 11.7 51.7
 105 42.2 20.3 60.3





#65

n-Nitrosodiphenylamine

Concen: 34.50 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

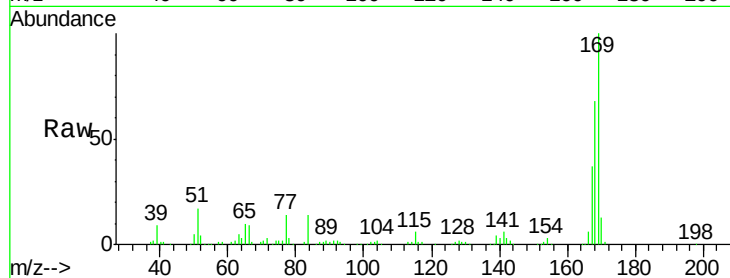
Tgt Ion:169 Resp: 246356

Ion Ratio Lower Upper

169 100

168 68.3 53.4 80.0

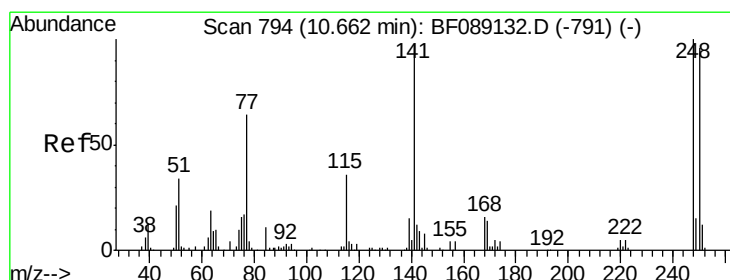
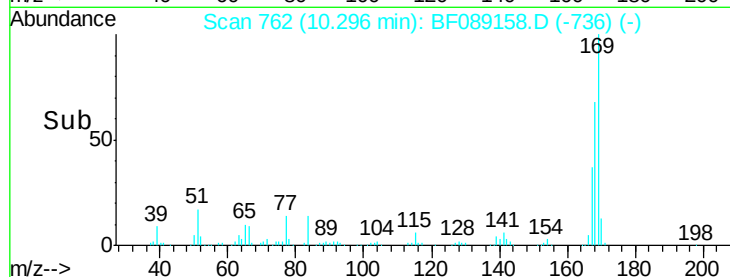
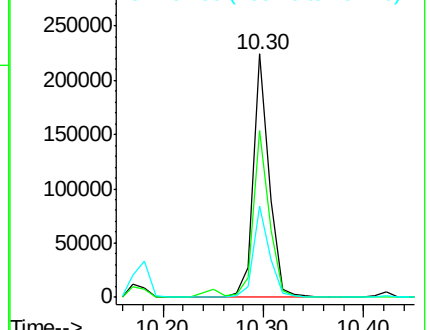
167 37.4 29.5 44.3



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: 37.86 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

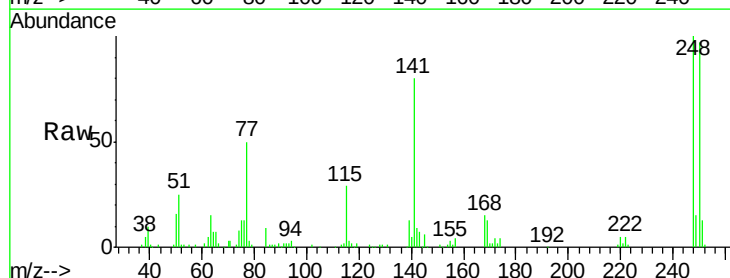
Tgt Ion:248 Resp: 80060

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

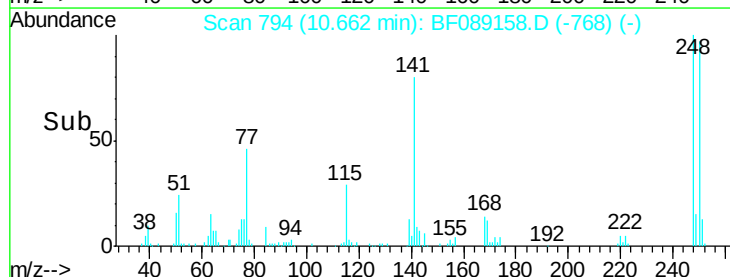
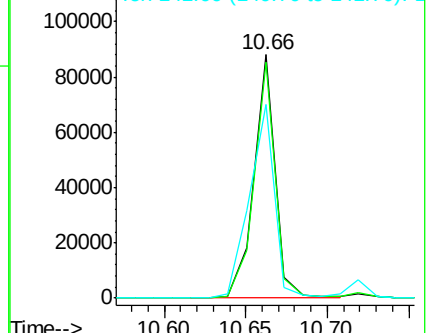
141 79.7 77.4 116.2

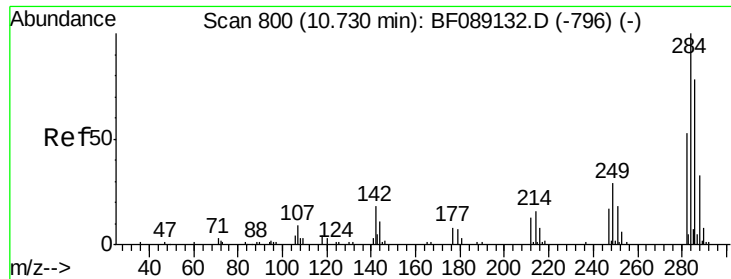


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

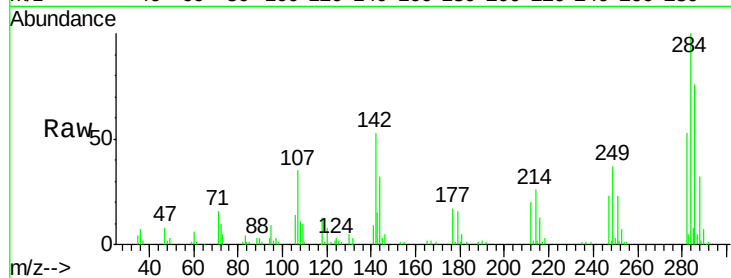




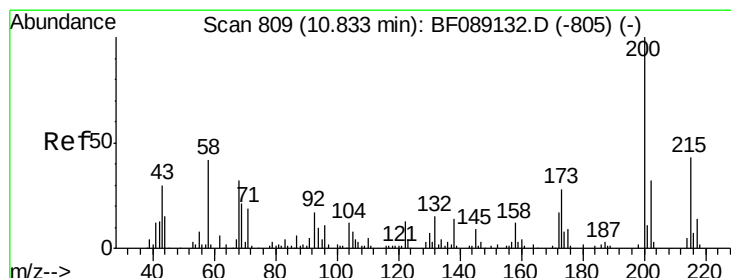
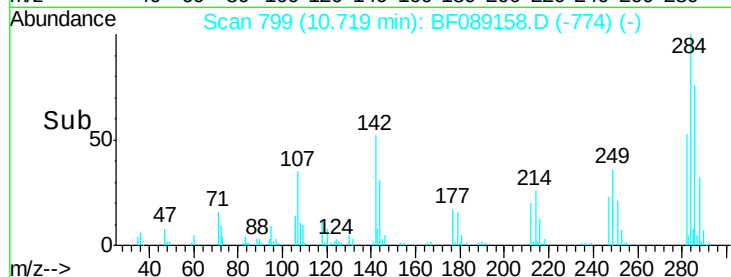
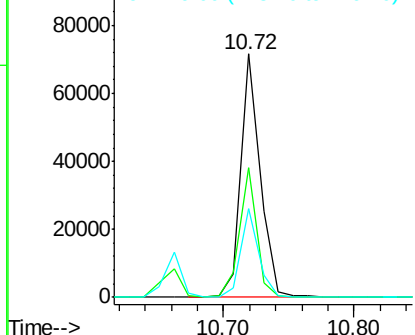
#67
Hexachlorobenzene
Concen: 32.18 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

Tgt Ion:284 Resp: 73175
Ion Ratio Lower Upper
284 100
142 53.3 14.1 21.1#
249 36.7 23.0 34.4#

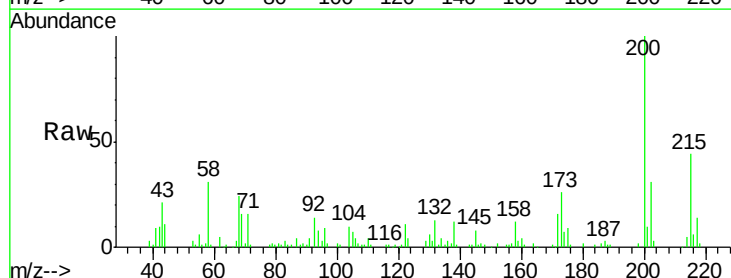


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

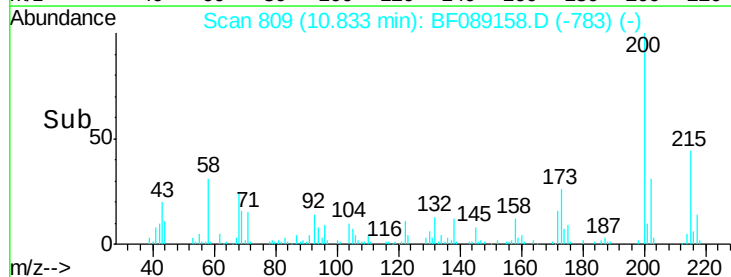
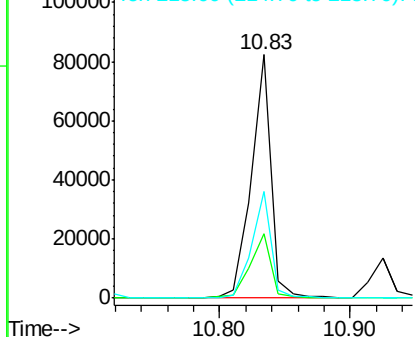


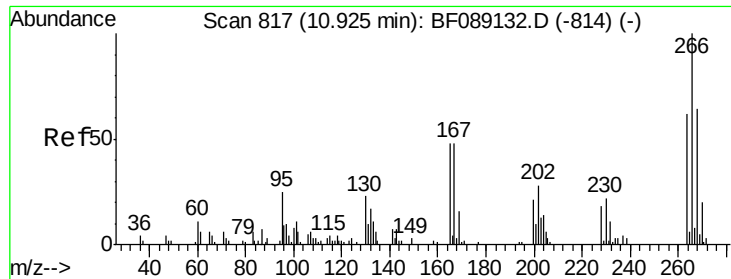
#68
Atrazine
Concen: 38.74 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:200 Resp: 86499
Ion Ratio Lower Upper
200 100
173 26.3 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

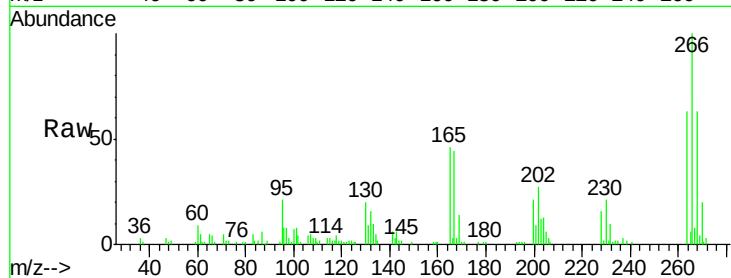




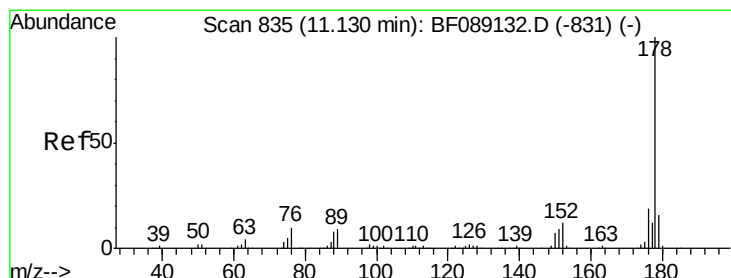
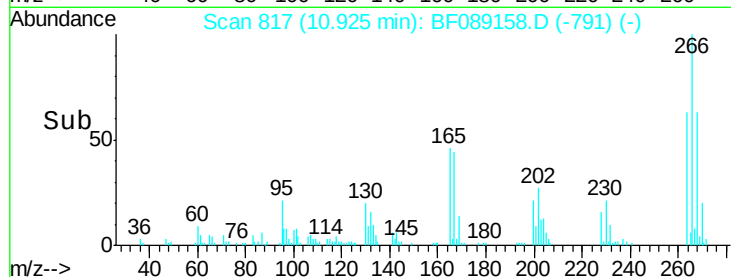
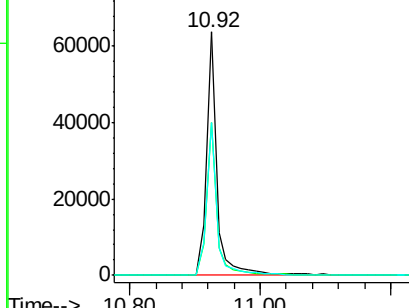
#69
 Pentachlorophenol
 Concen: 67.26 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

Tgt Ion:266 Resp: 70565
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.2 76.8
 264 62.8 49.7 74.5

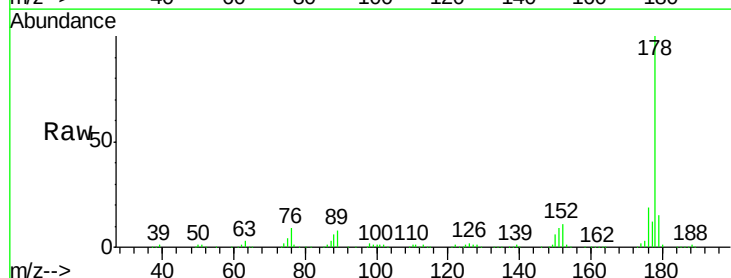


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

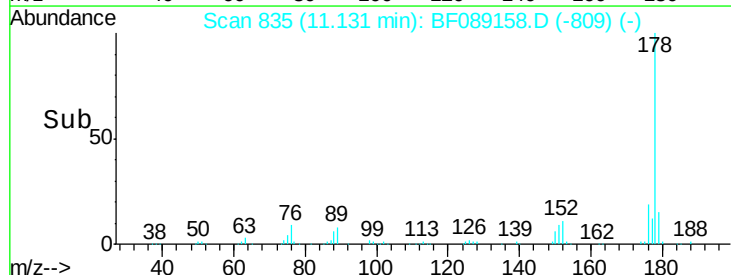
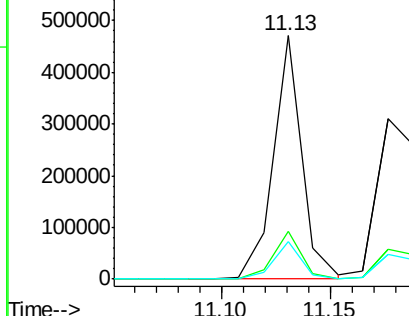


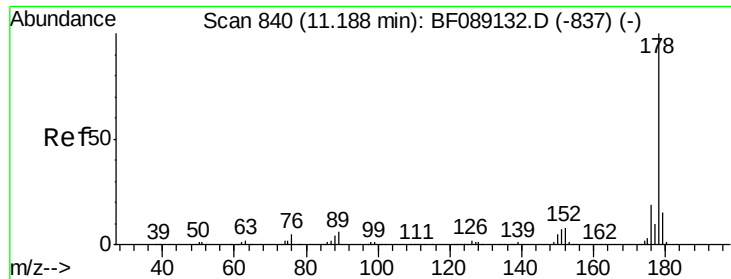
#70
 Phenanthrene
 Concen: 37.25 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:178 Resp: 436581
 Ion Ratio Lower Upper
 178 100
 176 19.4 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: 34.62 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

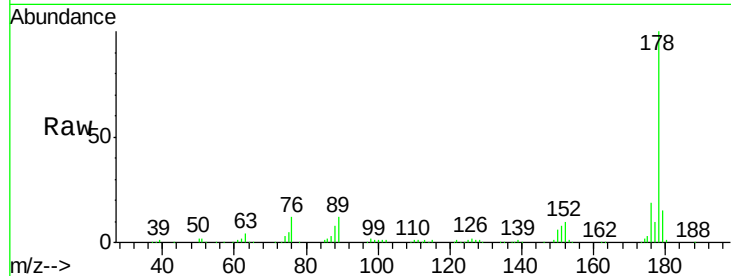
Tgt Ion:178 Resp: 421758

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

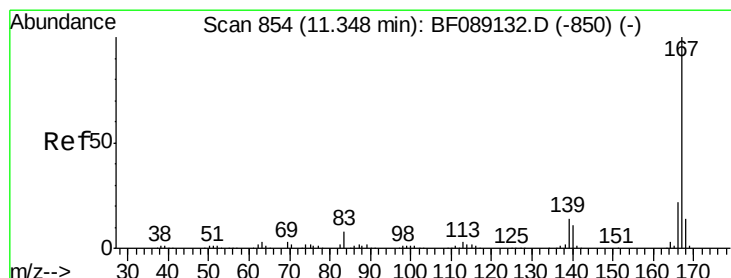
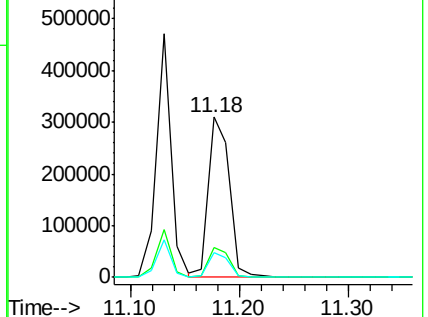
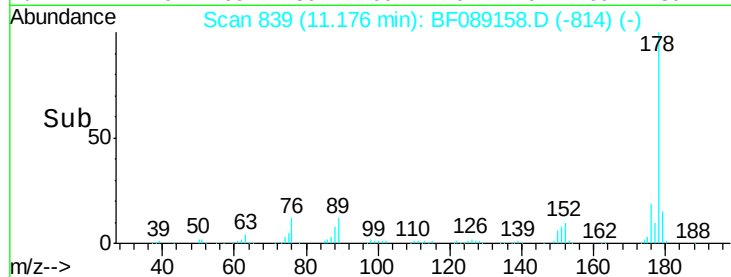
179 15.4 12.0 18.0



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: 37.63 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

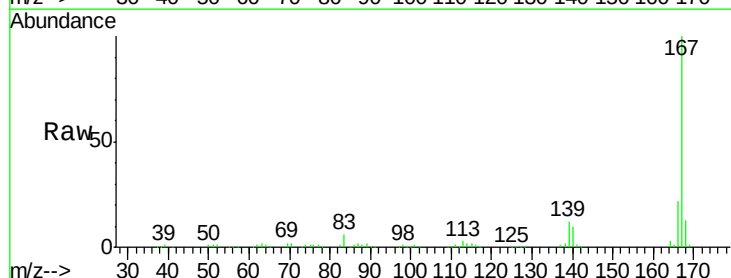
Tgt Ion:167 Resp: 402658

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

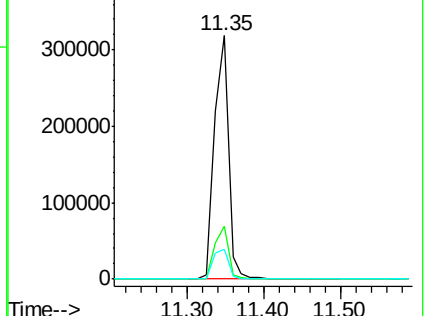
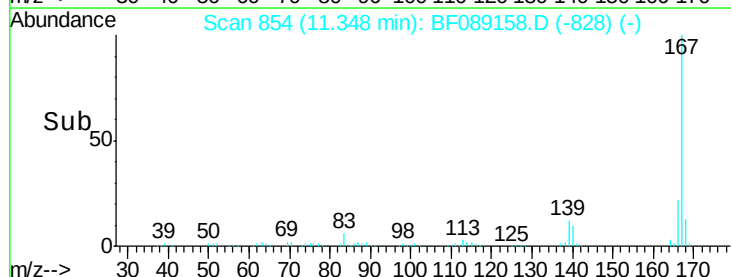
139 12.4 11.0 16.4

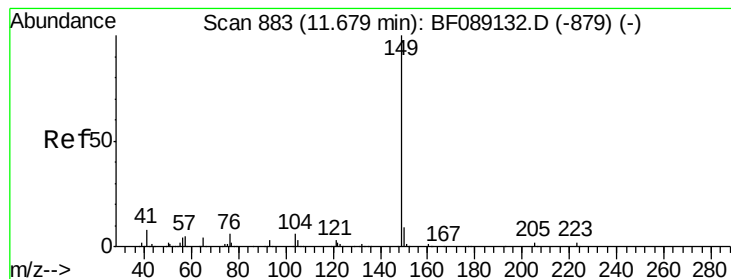


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.79 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

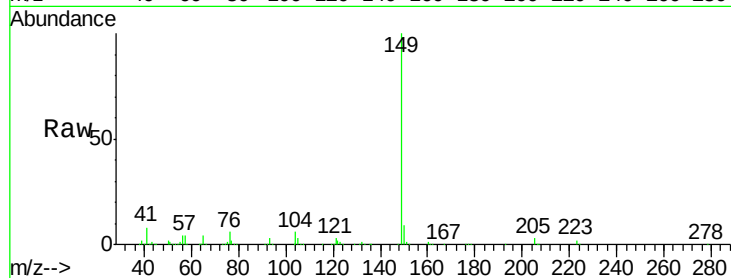
Tgt Ion:149 Resp: 473706

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

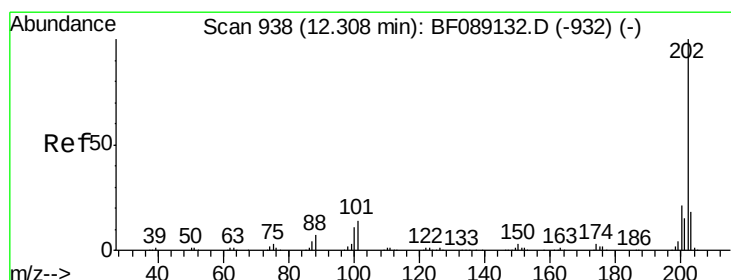
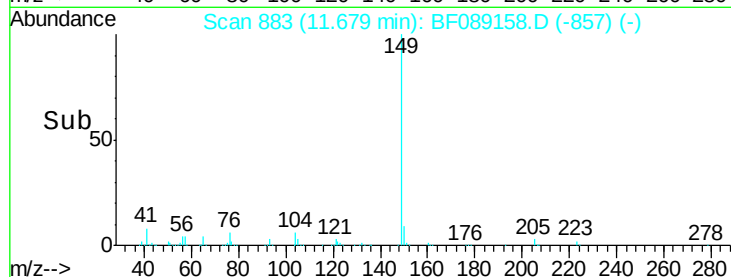
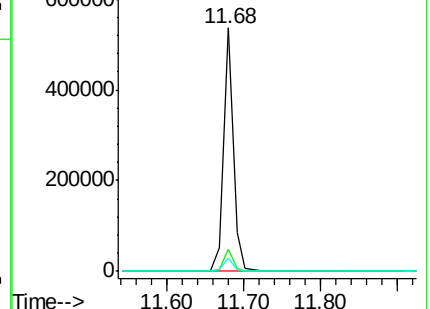
104 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.85 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

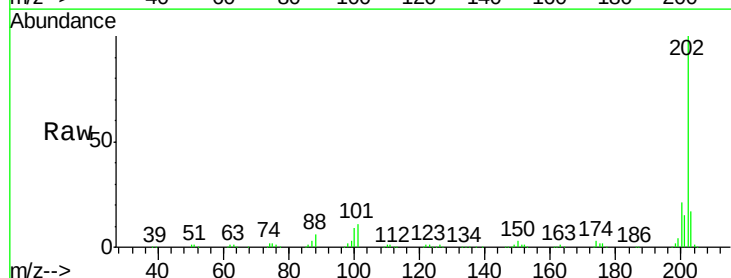
Tgt Ion:202 Resp: 454011

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.0

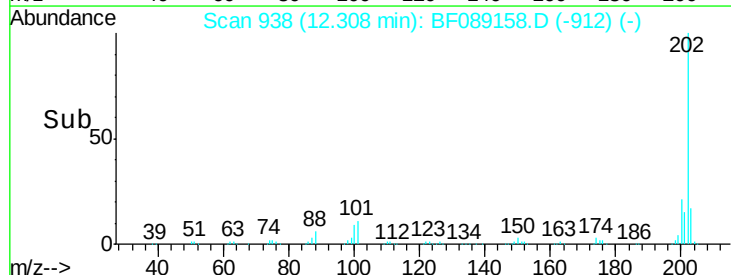
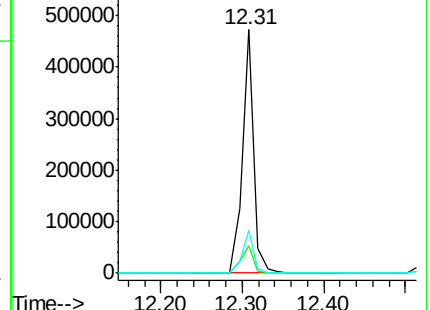
203 17.5 0.0 37.8

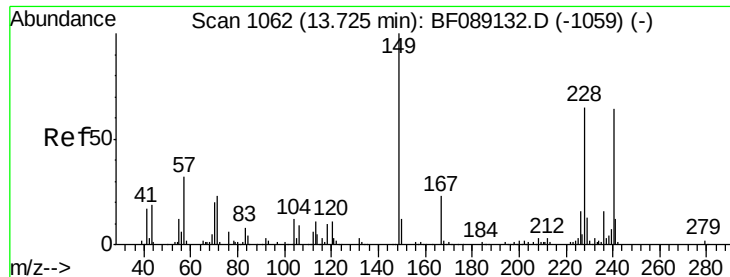


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

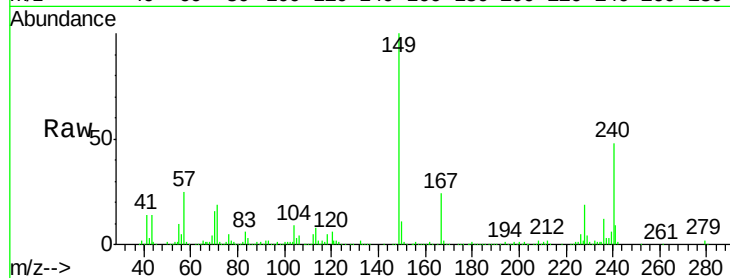
Tgt Ion:240 Resp: 150873

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

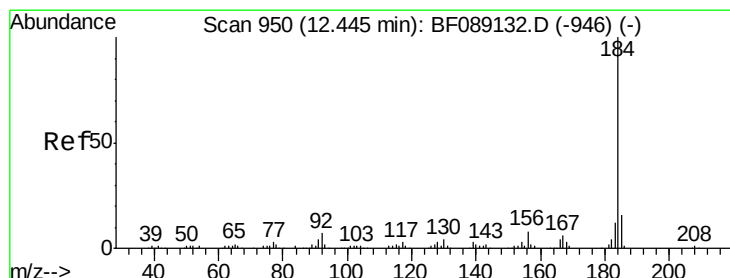
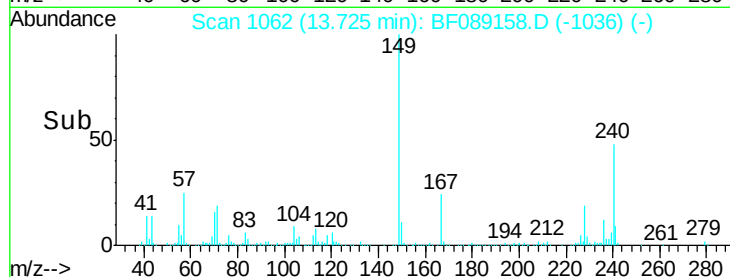
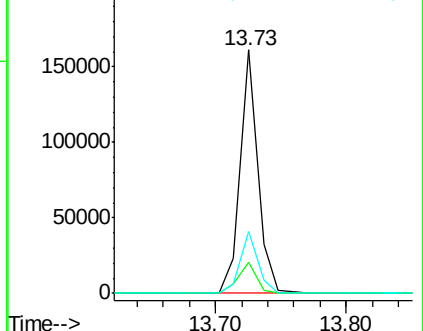
236 25.3 20.5 30.7



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: 31.96 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

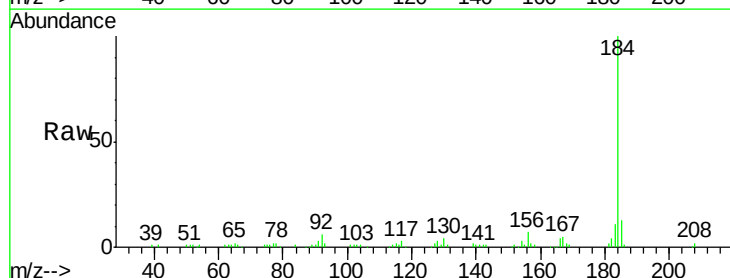
Tgt Ion:184 Resp: 165772

Ion Ratio Lower Upper

184 100

185 13.1 12.5 18.7

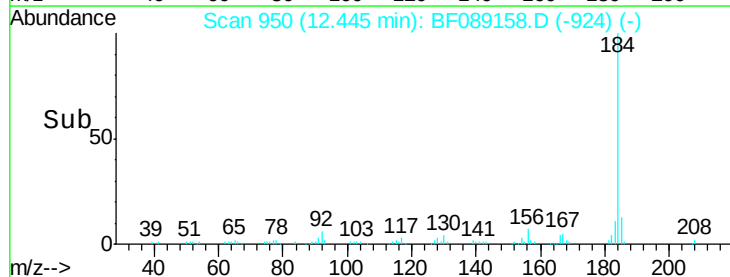
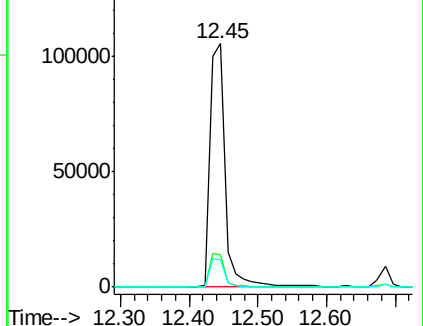
183 11.5 9.6 14.4

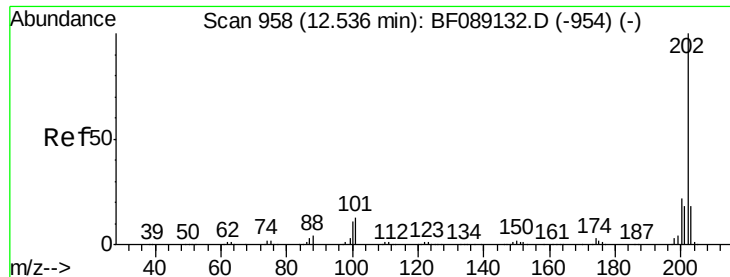


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.72 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

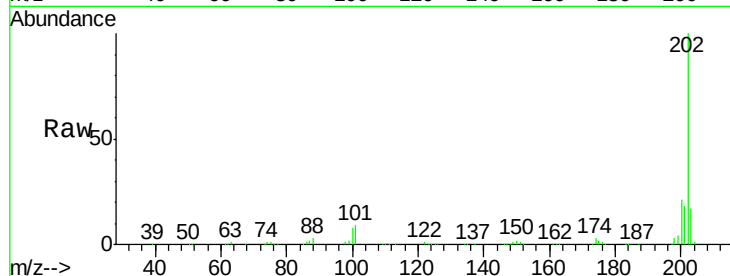
Tgt Ion:202 Resp: 445033

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.0

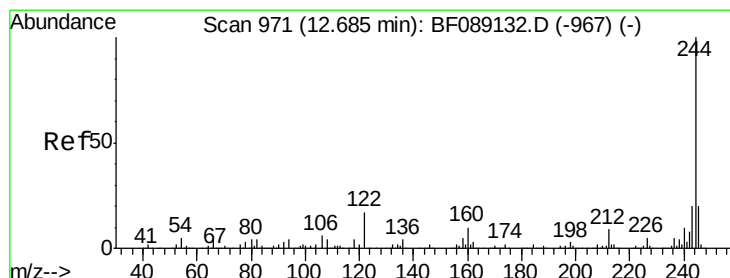
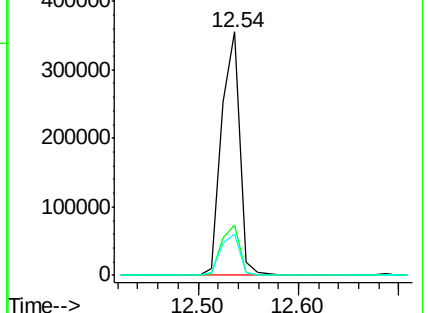
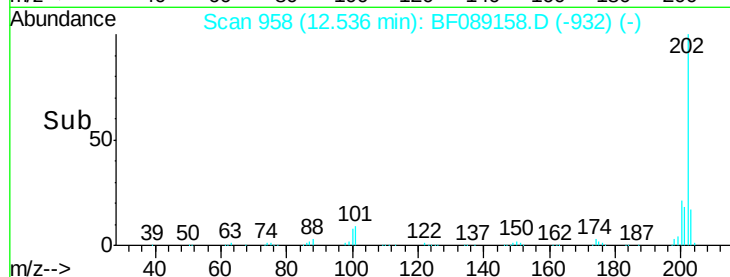
203 17.0 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.64 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

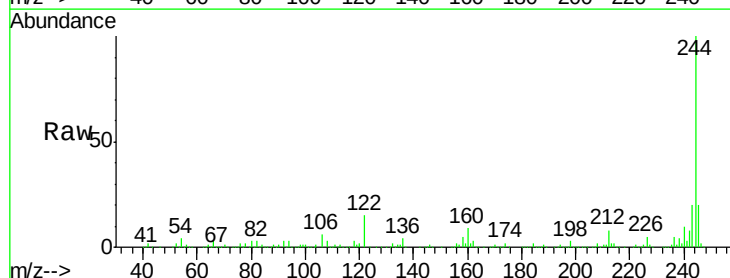
Tgt Ion:244 Resp: 519176

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

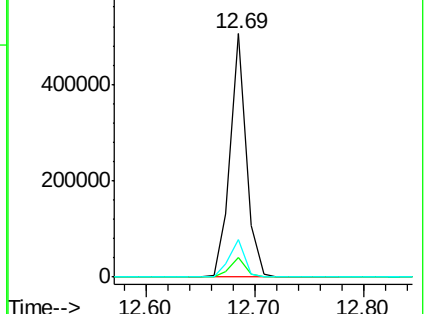
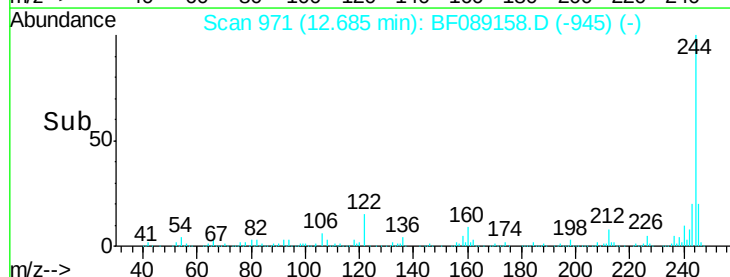
122 15.3 13.8 20.8

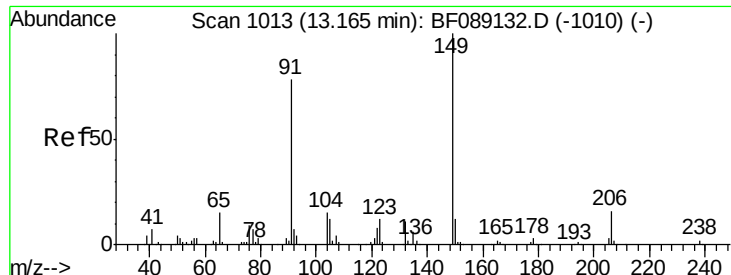


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

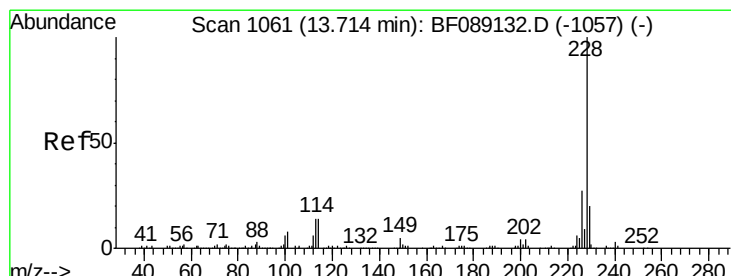
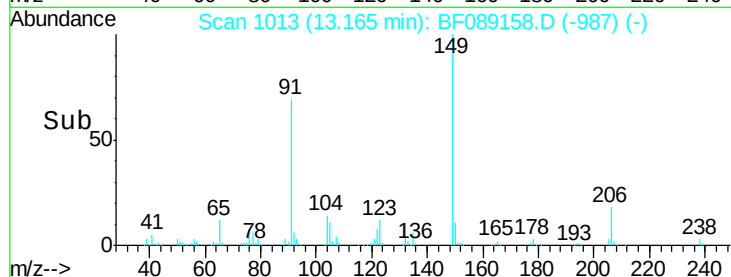
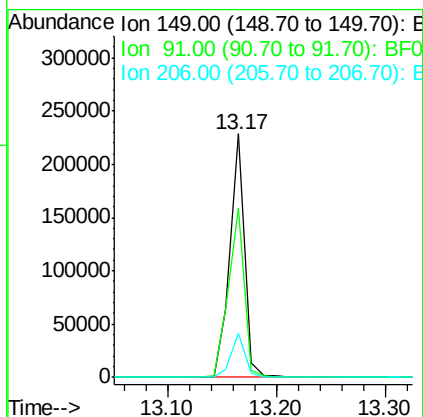
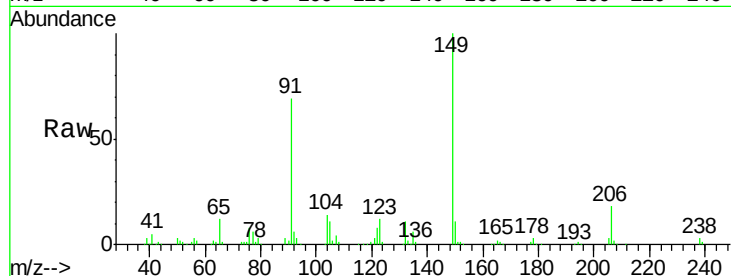




#79
Butylbenzylphthalate
Concen: 40.46 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

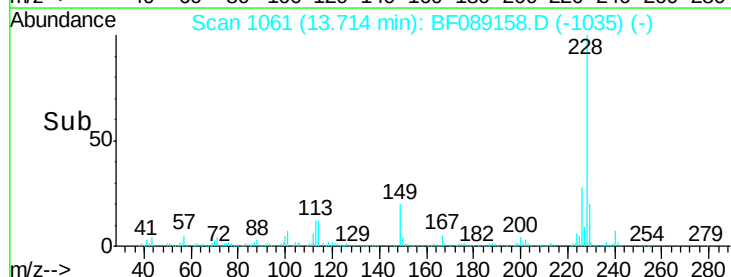
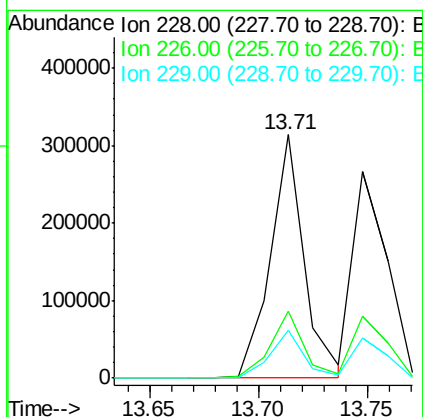
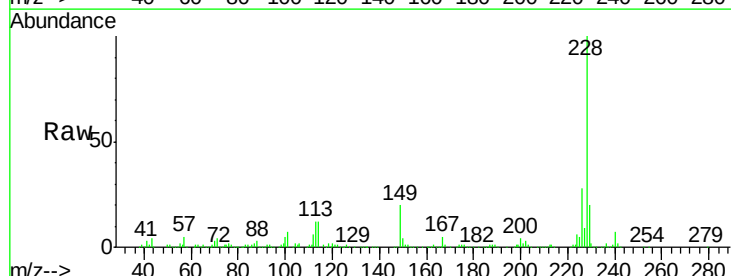
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MSD

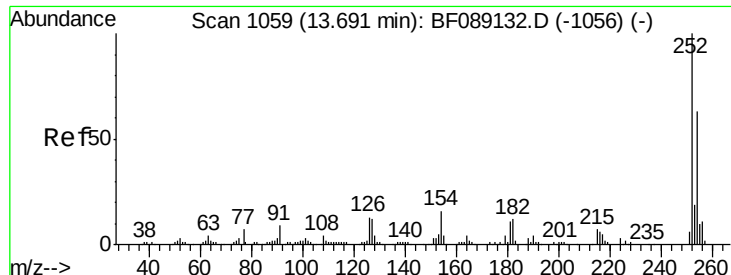
Tgt Ion:149 Resp: 213262
Ion Ratio Lower Upper
149 100
91 69.3 62.6 93.8
206 18.2 13.2 19.8



#80
Benzo(a)anthracene
Concen: 35.55 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089158.D
Acq: 21 Jul 2016 4:20

Tgt Ion:228 Resp: 341631
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.6 15.8 23.8

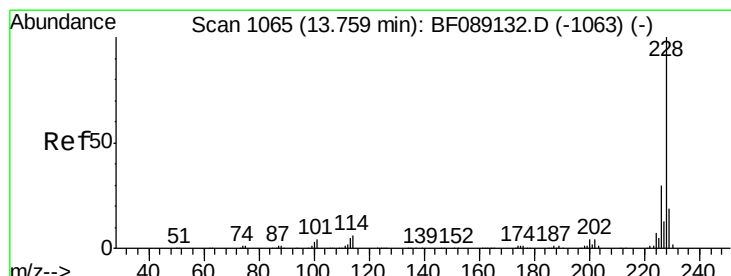
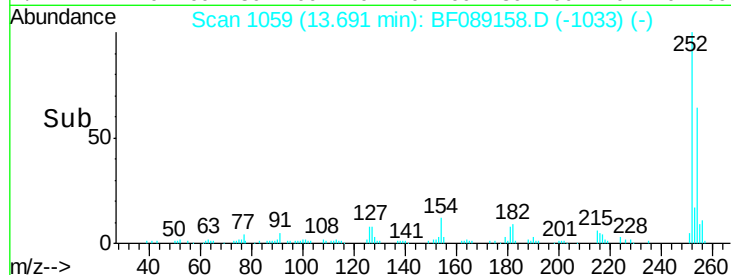
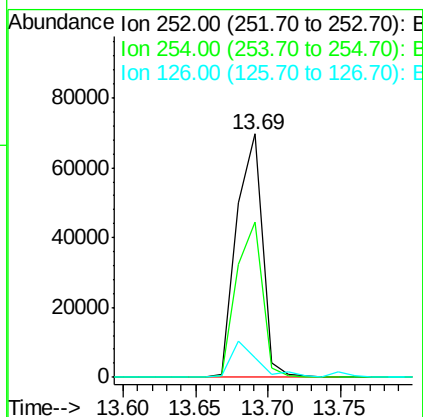
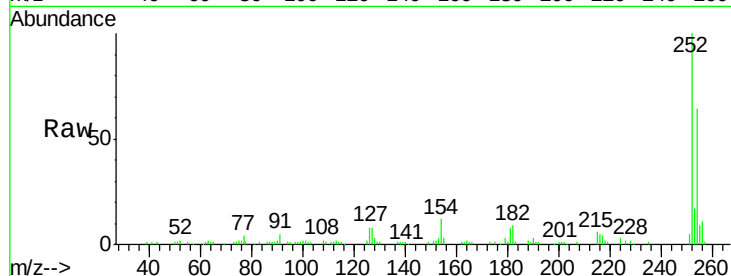




#81
 3,3'-Dichlorobenzidine
 Concen: 27.07 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

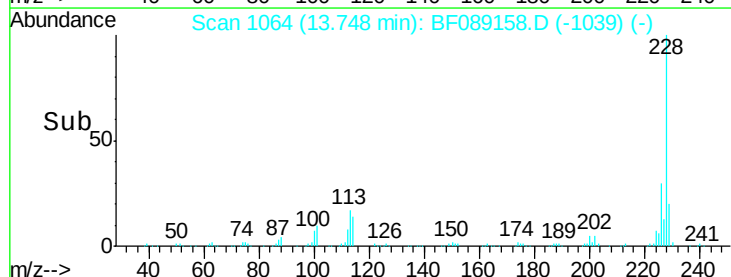
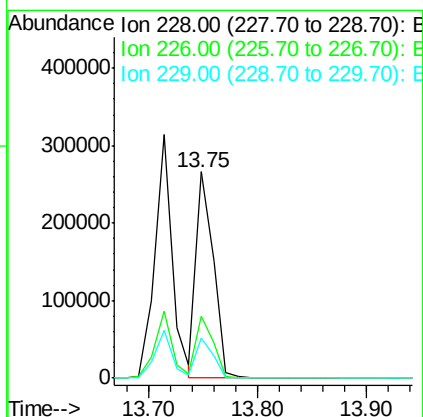
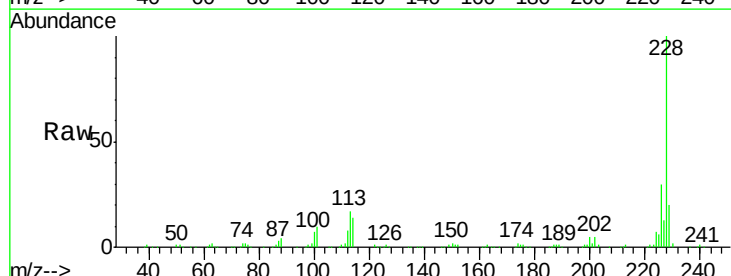
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

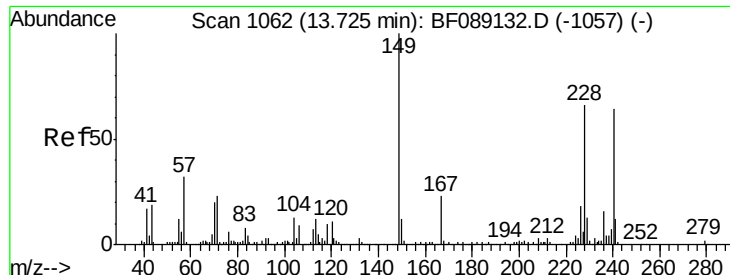
Tgt Ion: 252 Resp: 86289
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 8.3 10.2 15.2#



#82
 Chrysene
 Concen: 31.95 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion: 228 Resp: 293242
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 19.8 15.4 23.0

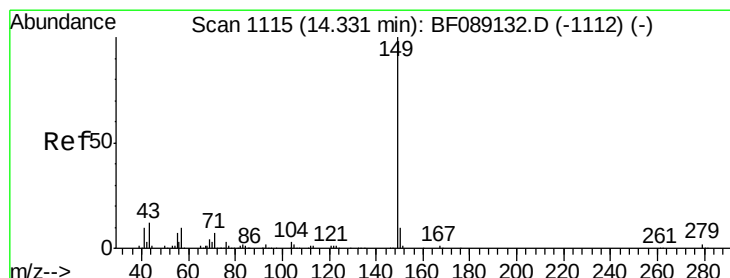
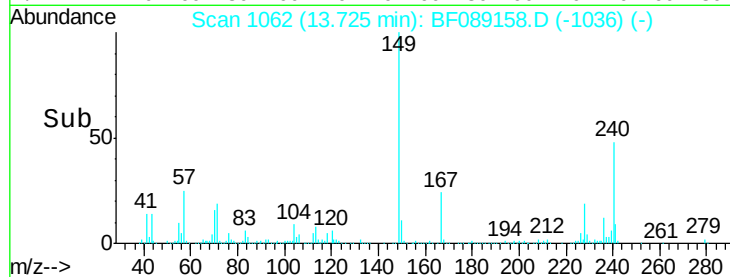
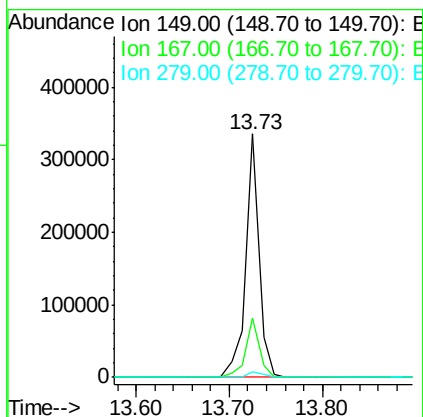
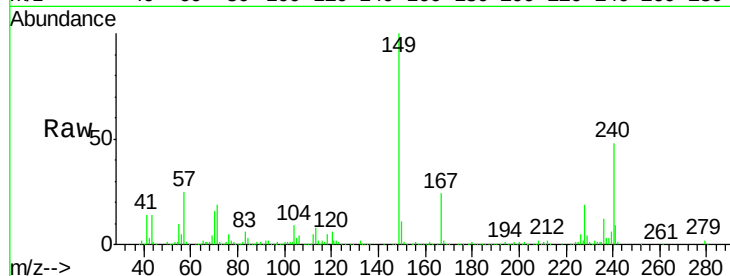




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.35 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

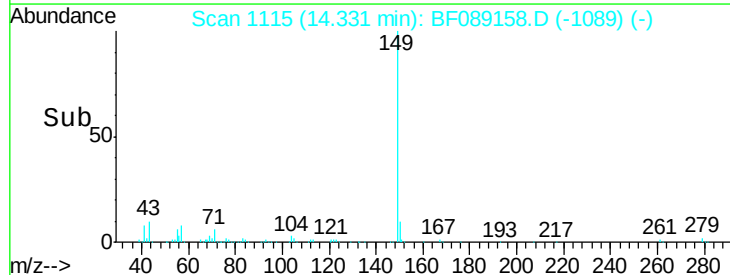
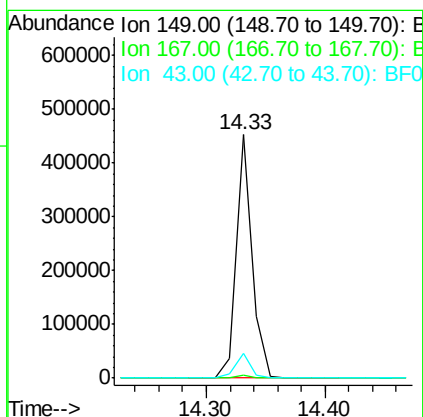
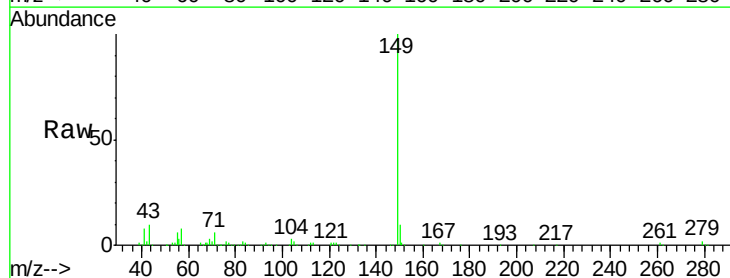
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

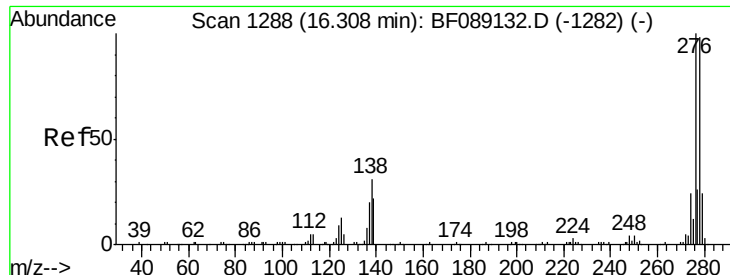
Tgt Ion:149 Resp: 331026
 Ion Ratio Lower Upper
 149 100
 167 24.1 18.6 28.0
 279 2.2 1.6 2.4



#84
 Di-n-octyl phthalate
 Concen: 36.33 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion:149 Resp: 419129
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.0 7.3 10.9

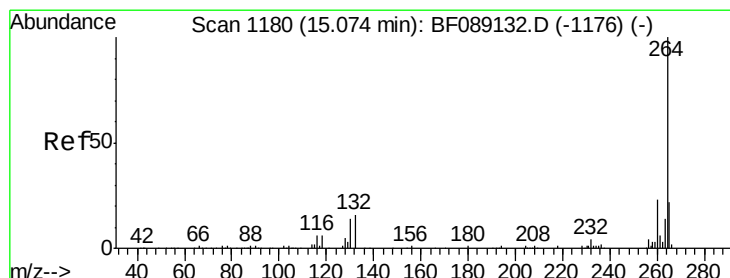
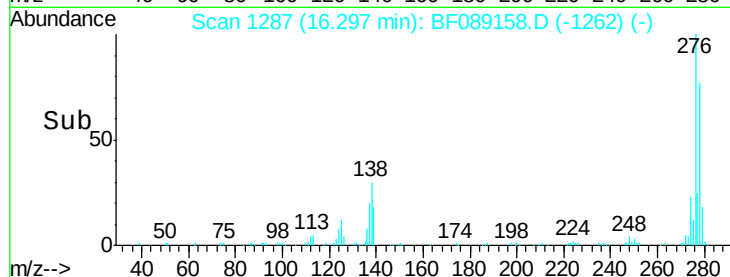
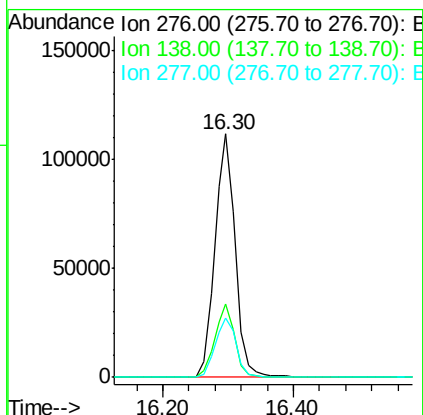
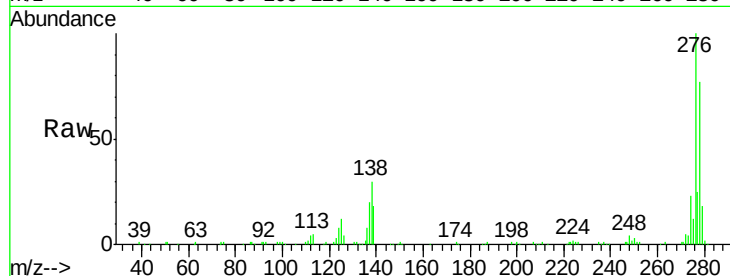




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.51 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

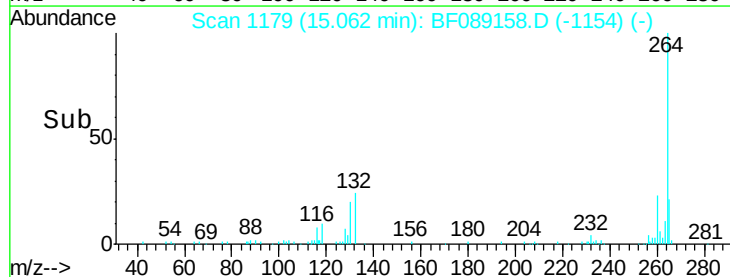
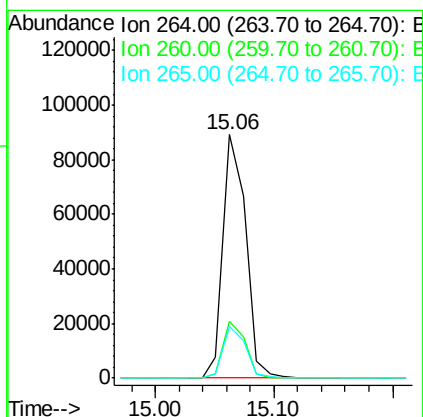
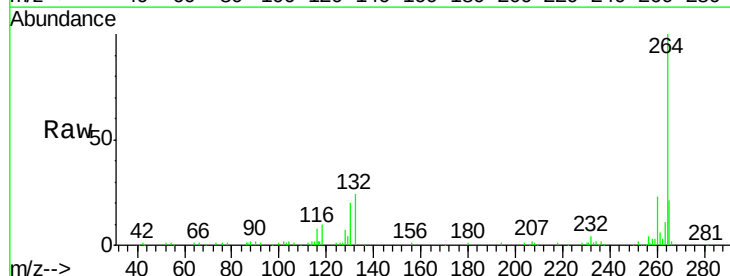
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MSD

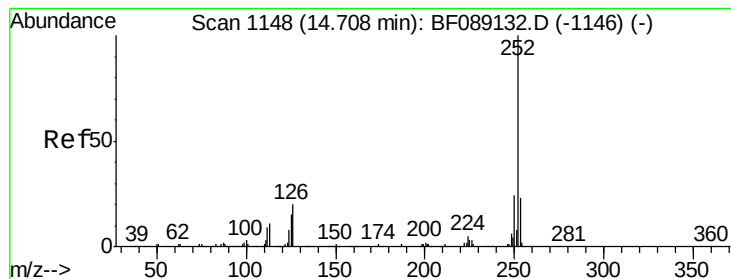
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.7	35.5
277	25.1	20.6	31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089158.D
 Acq: 21 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 62.81 ng

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

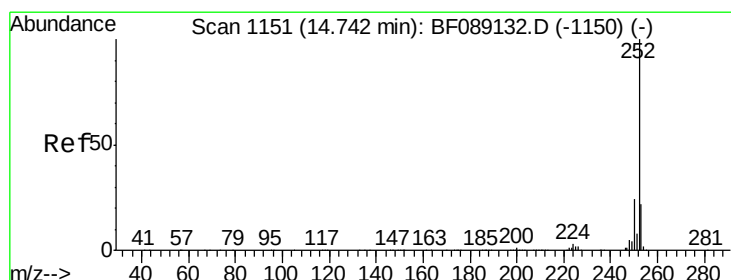
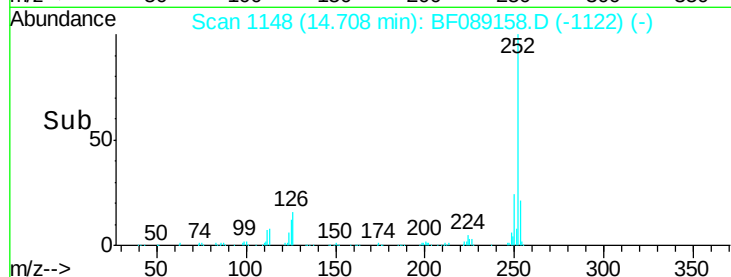
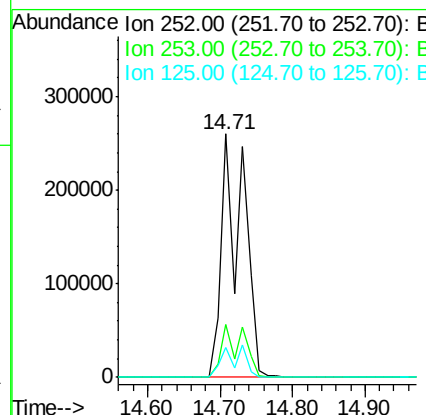
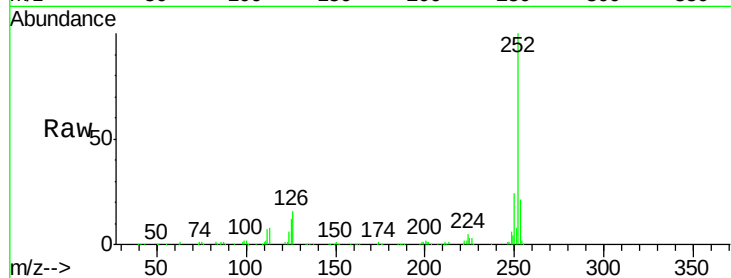
Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

Tgt Ion:	252	Resp:	537415
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.2	27.2
125	12.1	11.9	17.9



#88

Benzo(k)fluoranthene

Concen: 87.84 ng

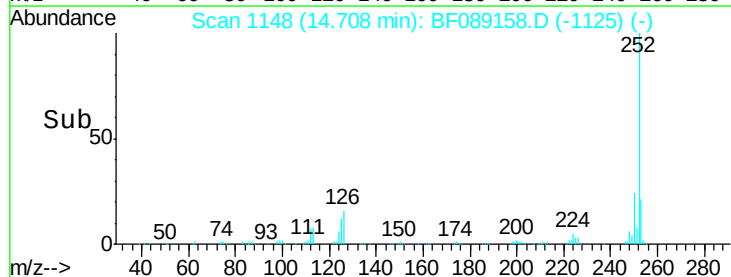
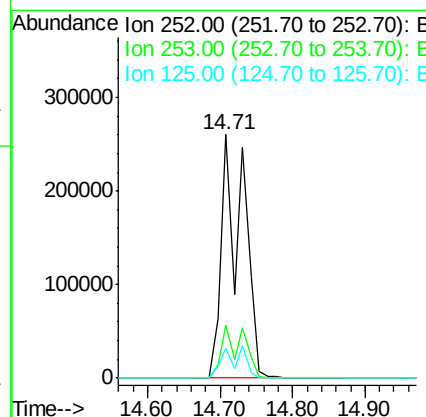
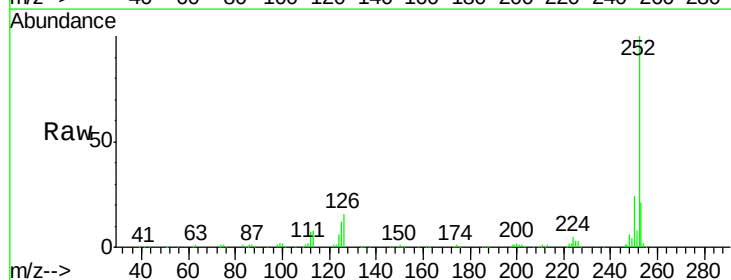
RT: 14.71 min Scan# 1148

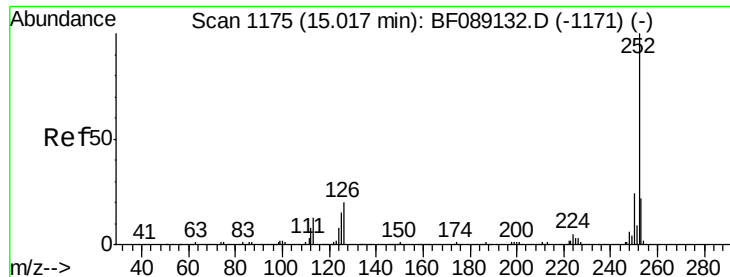
Delta R.T. -0.03 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Tgt Ion:	252	Resp:	537415
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	12.1	6.3	9.5#





#89

Benzo(a)pyrene

Concen: 37.66 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

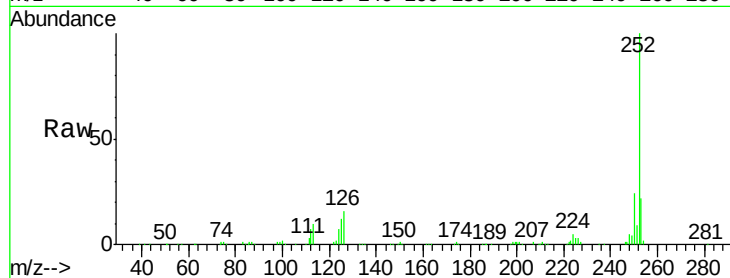
Tgt Ion:252 Resp: 250116

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

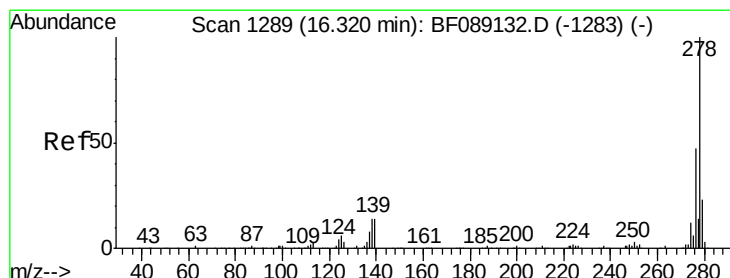
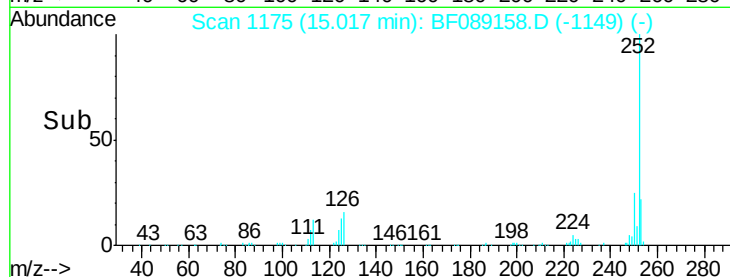
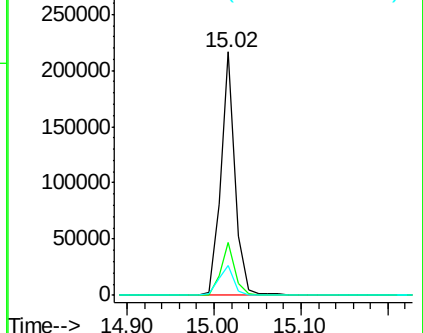
125 12.4 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.54 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

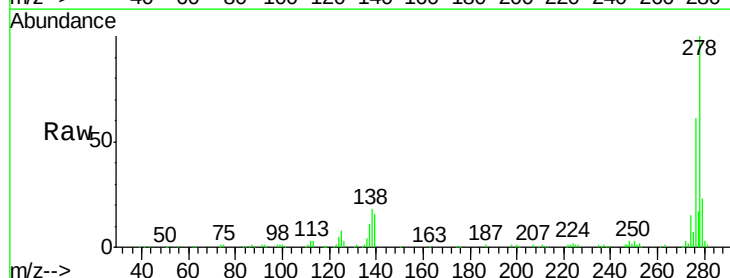
Tgt Ion:278 Resp: 202123

Ion Ratio Lower Upper

278 100

139 16.2 11.4 17.2

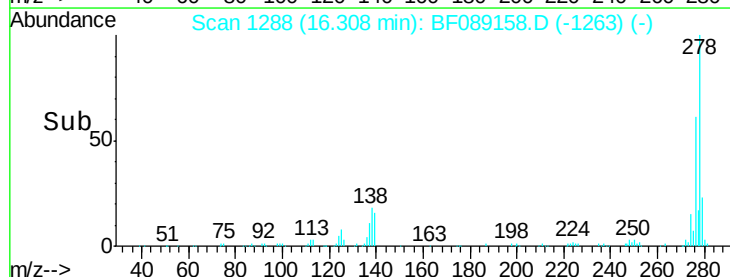
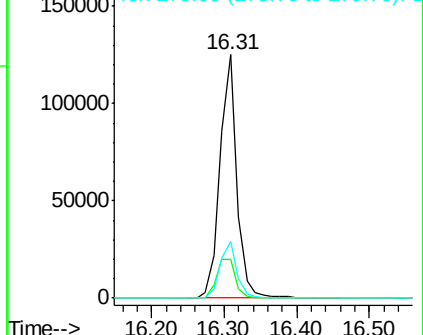
279 23.5 18.4 27.6

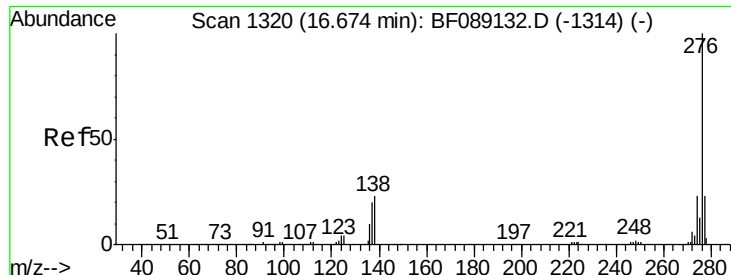


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.64 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089158.D

Acq: 21 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MSD

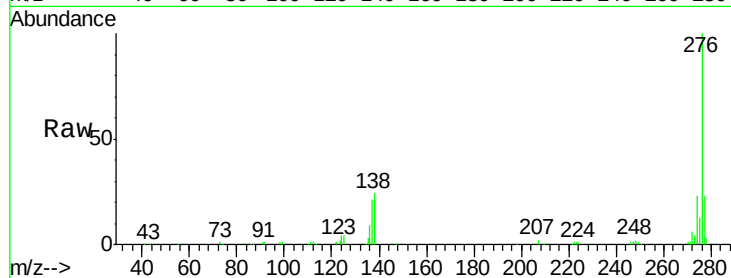
Tgt Ion: 276 Resp: 199004

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 23.6 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

