

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089127.D
 Acq On : 19 Jul 2016 19:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 20 03:47:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	46394	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	181057	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	81443	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	133917	20.00	ng	0.00
75) Chrysene-d12	13.75	240	86550	20.00	ng	-0.01
86) Perylene-d12	15.10	264	79288	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	240641	77.74	ng	-0.01
7) Phenol-d6	6.28	99	320061	80.02	ng	0.00
23) Nitrobenzene-d5	7.20	82	301024	87.13	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	52207	69.03	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	549283	106.53	ng	0.00
78) Terphenyl-d14	12.71	244	281341	72.40	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	52330	34.10	ng	# 30
3) Pyridine	2.70	79	151205	33.95	ng	94
4) n-Nitrosodimethylamine	2.65	42	62235	36.58	ng	99
6) Aniline	6.28	93	206712	35.46	ng	# 68
8) 2-Chlorophenol	6.41	128	144250	43.36	ng	92
9) Benzaldehyde	6.16	77	94439	34.86	ng	83
10) Phenol	6.30	94	188115	41.21	ng	91
11) bis(2-Chloroethyl)ether	6.36	93	118873	34.92	ng	90
12) 1,3-Dichlorobenzene	6.56	146	139893m	38.21	ng	
13) 1,4-Dichlorobenzene	6.64	146	148705	40.92	ng	96
14) 1,2-Dichlorobenzene	6.80	146	146035	42.93	ng	97
15) Benzyl Alcohol	6.78	79	110578	37.56	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	147789	29.98	ng	74
17) 2-Methylphenol	6.90	107	102921	37.92	ng	# 93
18) Hexachloroethane	7.13	117	48780	34.70	ng	# 79
19) n-Nitroso-di-n-propylamine	7.05	70	91098	33.91	ng	96
20) 3+4-Methylphenols	7.06	107	140974	43.28	ng	# 75
22) Acetophenone	7.04	105	194414	44.24	ng	# 91
24) Nitrobenzene	7.21	77	125775	36.11	ng	# 79
25) Isophorone	7.46	82	254358	39.74	ng	98
26) 2-Nitrophenol	7.53	139	67679	47.38	ng	94
27) 2,4-Dimethylphenol	7.59	122	126573	42.54	ng	90
28) bis(2-Chloroethoxy)methane	7.68	93	169721	40.75	ng	97
29) 2,4-Dichlorophenol	7.78	162	111392	46.33	ng	98
30) 1,2,4-Trichlorobenzene	7.86	180	114385	43.35	ng	95
31) Naphthalene	7.93	128	358357	40.15	ng	99
32) Benzoic acid	7.71	122	67348	31.18	ng	90
33) 4-Chloroaniline	7.99	127	156812	39.49	ng	96
34) Hexachlorobutadiene	8.06	225	68893	48.76	ng	98
35) Caprolactam	8.36	113	28908	35.40	ng	95
36) 4-Chloro-3-methylphenol	8.48	107	111960	39.38	ng	87
37) 2-Methylnaphthalene	8.63	142	244163	42.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	115612	42.68	ng	# 1
40) Hexachlorocyclopentadiene	8.78	237	7380	5.55	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	64570	36.15	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	66754	43.44	ng #	85
45) 1,1'-Biphenyl	9.08	154	276975	41.07	ng	99
46) 2-Chloronaphthalene	9.11	162	219026	41.37	ng	97
47) 2-Nitroaniline	9.21	65	84215	44.82	ng	96
48) Acenaphthylene	9.52	152	360466	42.79	ng	99
49) Dimethylphthalate	9.39	163	243633	41.99	ng	100
50) 2,6-Dinitrotoluene	9.45	165	48050	37.36	ng #	35
51) Acenaphthene	9.69	154	211148	40.89	ng	97
52) 3-Nitroaniline	9.62	138	73529	44.98	ng	93
53) 2,4-Dinitrophenol	9.74	184	2421	4.26	ng #	84
54) Dibenzofuran	9.86	168	292439	43.27	ng #	89
55) 4-Nitrophenol	9.79	139	36565	29.43	ng	82
56) 2,4-Dinitrotoluene	9.85	165	59713	35.51	ng #	28
57) Fluorene	10.20	166	244811	47.00	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	44555	37.48	ng #	51
59) Diethylphthalate	10.09	149	267263	45.90	ng	99
60) 4-Chlorophenyl-phenylether	10.20	204	100684	41.60	ng #	83
61) 4-Nitroaniline	10.23	138	64762	41.17	ng	84
62) Azobenzene	10.35	77	242782	36.55	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	8179	11.42	ng	85
65) n-Nitrosodiphenylamine	10.32	169	214575	47.34	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	61083	45.26	ng #	87
67) Hexachlorobenzene	10.75	284	56375	37.74	ng #	75
68) Atrazine	10.84	200	49319	34.92	ng	90
69) Pentachlorophenol	10.95	266	25313	28.63	ng	98
70) Phenanthrene	11.15	178	294540	40.23	ng	99
71) Anthracene	11.21	178	286306	39.33	ng	97
72) Carbazole	11.36	167	235679	34.40	ng	99
73) Di-n-butylphthalate	11.70	149	338031	42.42	ng	98
74) Fluoranthene	12.33	202	250702	33.78	ng	99
76) Benzidine	12.47	184	223763	51.15	ng	99
77) Pyrene	12.56	202	281338	38.34	ng	98
79) Butylbenzylphthalate	13.19	149	126544	38.66	ng #	80
80) Benzo(a)anthracene	13.74	228	218417	39.19	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	88693	42.33	ng	97
82) Chrysene	13.78	228	205938	37.35	ng	97
83) Bis(2-ethylhexyl)phthalate	13.75	149	169092	45.25	ng #	95
84) Di-n-octyl phthalate	14.37	149	305445	48.11	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	157857	37.21	ng #	100
87) Benzo(b)fluoranthene	14.74	252	254168m	51.10	ng	
88) Benzo(k)fluoranthene	14.77	252	171854m	39.69	ng	
89) Benzo(a)pyrene	15.05	252	186130	44.20	ng #	95
90) Dibenzo(a,h)anthracene	16.35	278	139341	39.62	ng	97
91) Benzo(g,h,i)perylene	16.71	276	129567	35.61	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

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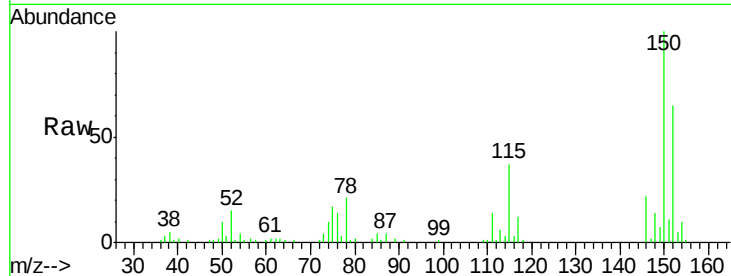
Tgt Ion:152 Resp: 46394

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

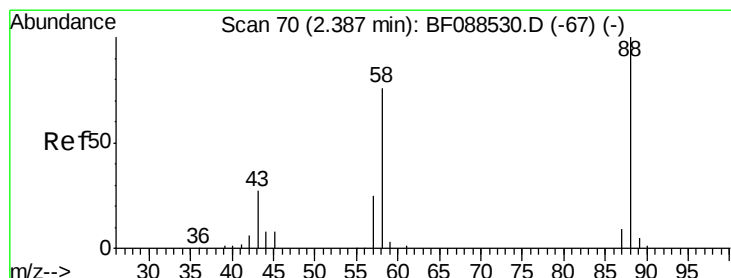
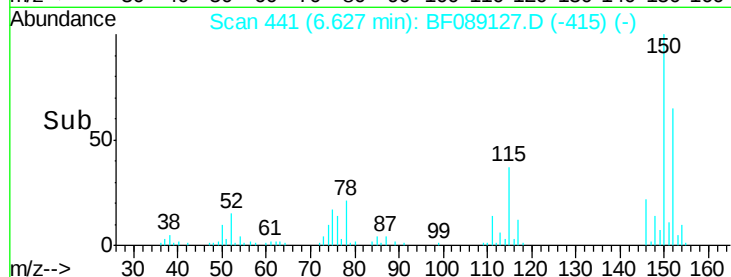
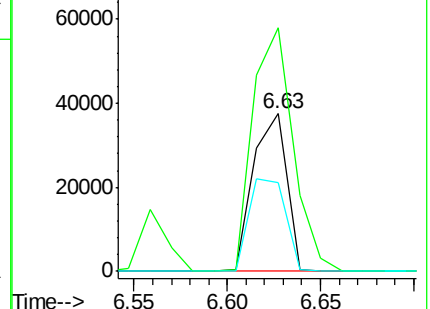
115 56.5 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.10 ng

RT: 2.07 min Scan# 42

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

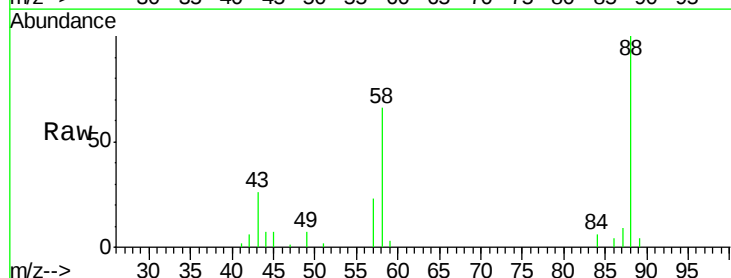
Tgt Ion: 88 Resp: 52330

Ion Ratio Lower Upper

88 100

58 67.5 0.0 0.0#

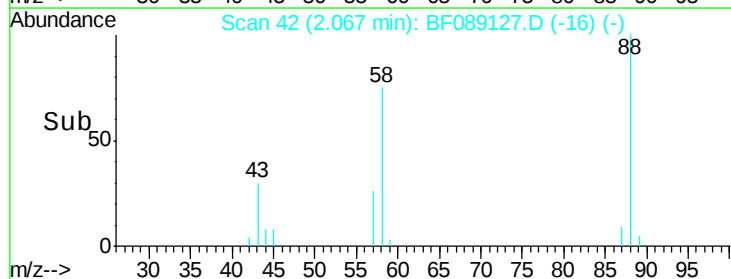
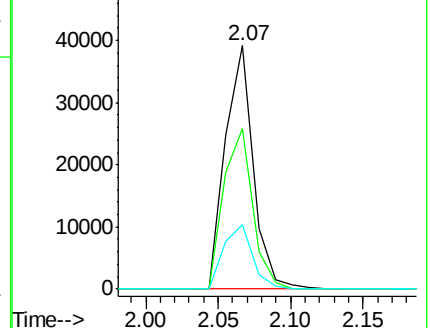
43 27.3 3.4 5.2#

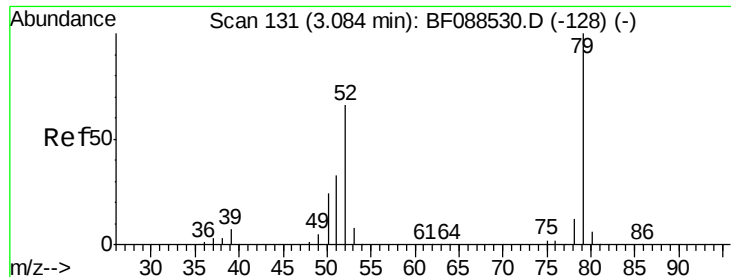


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.95 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.00 min

Lab File: BF089127.D

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Instrument :

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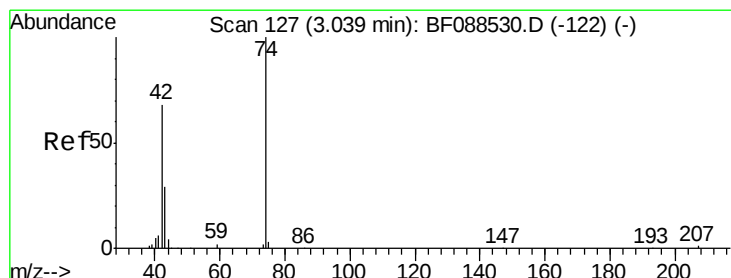
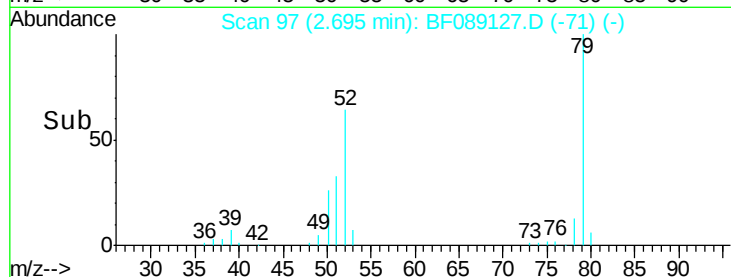
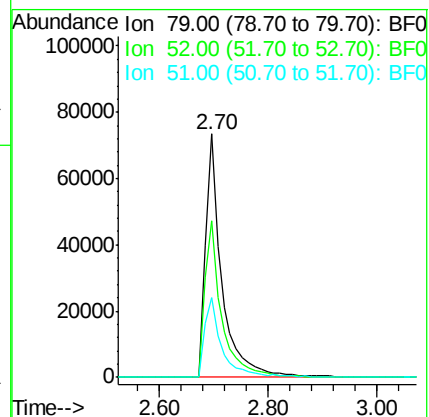
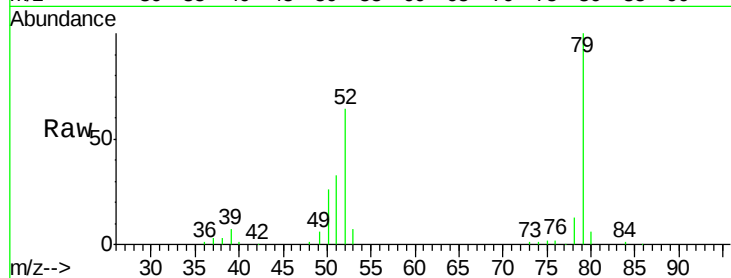
Tgt Ion: 79 Resp: 151205

Ion Ratio Lower Upper

79 100

52 64.2 56.3 84.5

51 32.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 36.58 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

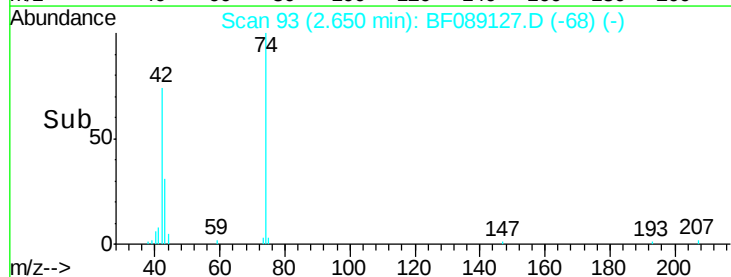
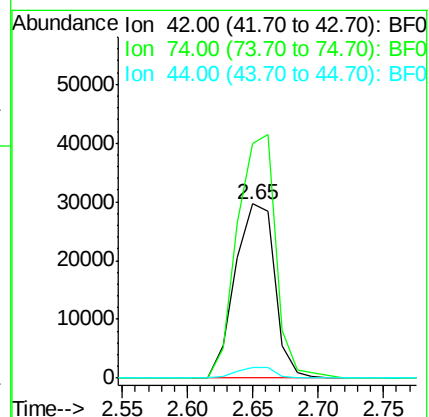
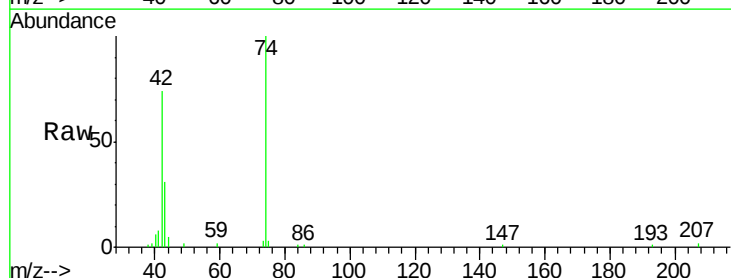
Tgt Ion: 42 Resp: 62235

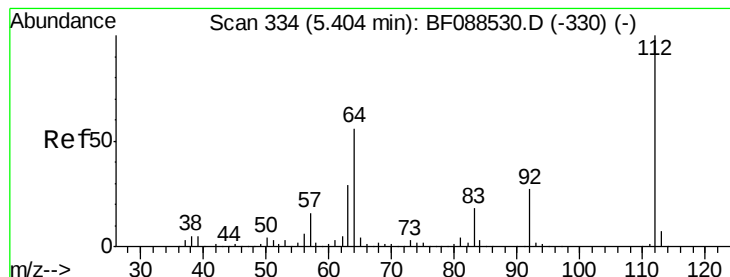
Ion Ratio Lower Upper

42 100

74 134.9 108.6 163.0

44 6.2 5.5 8.3

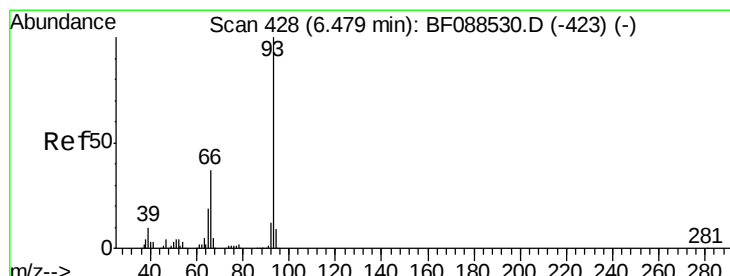
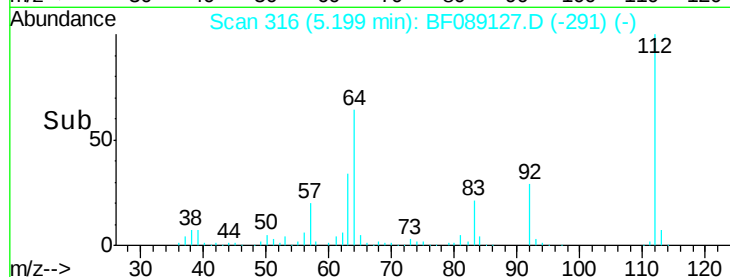
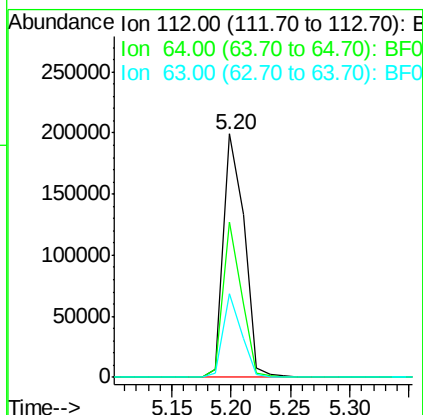
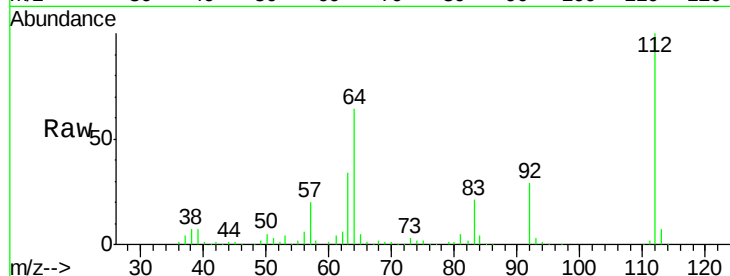




#5
 2-Fluorophenol
 Concen: 77.74 ng
 RT: 5.20 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

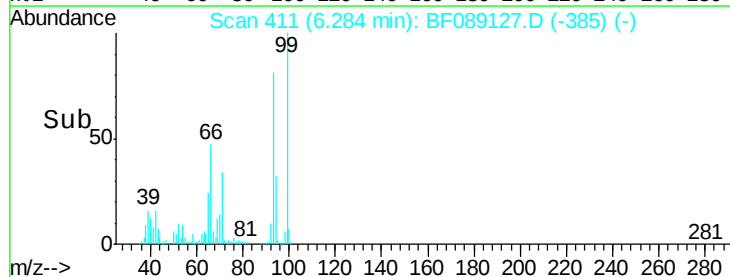
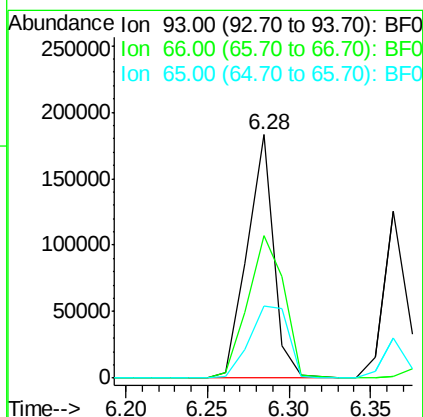
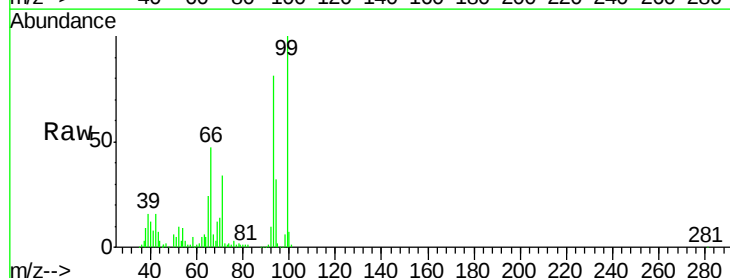
Instrument :
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	42.2	63.2#
63	34.4	21.8	32.8#



#6
 Aniline
 Concen: 35.46 ng
 RT: 6.28 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion	Ratio	Lower	Upper
93	100		
66	58.3	29.8	44.8#
65	29.9	14.9	22.3#





#7

Phenol-d6

Concen: 80.02 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

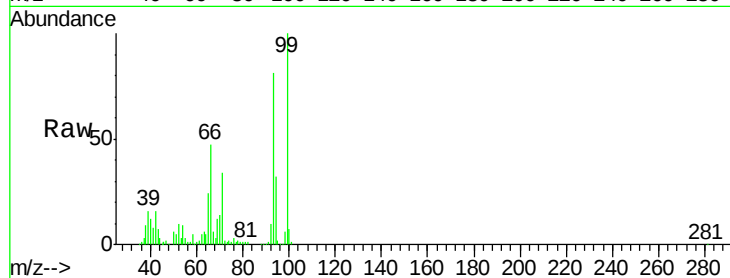
Tgt Ion: 99 Resp: 320061

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

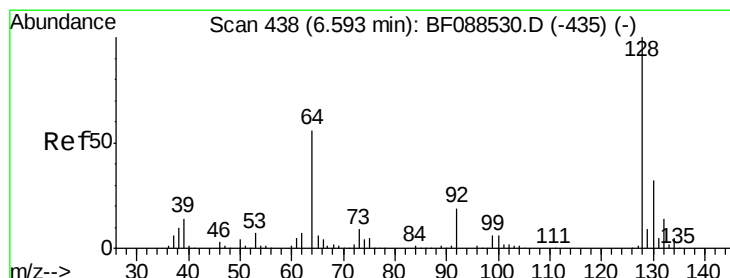
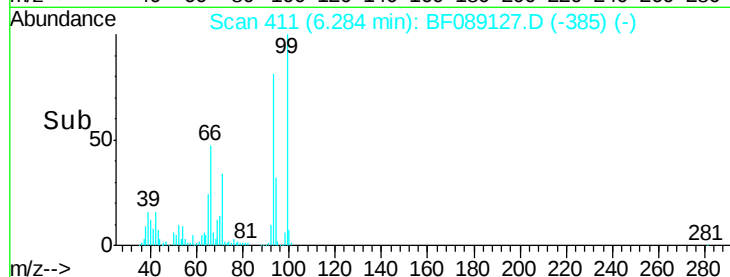
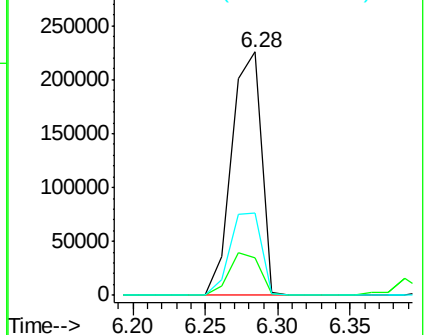
71 33.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.36 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

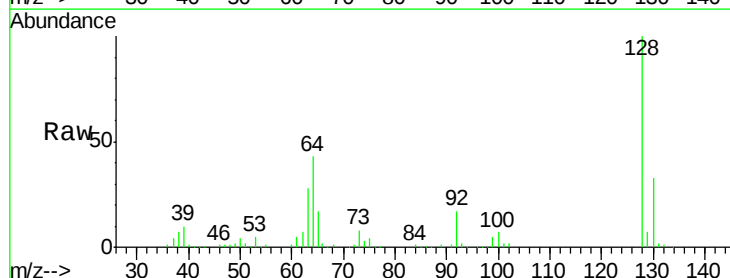
Tgt Ion: 128 Resp: 144250

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

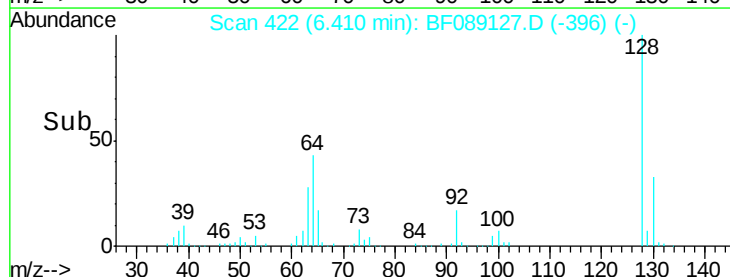
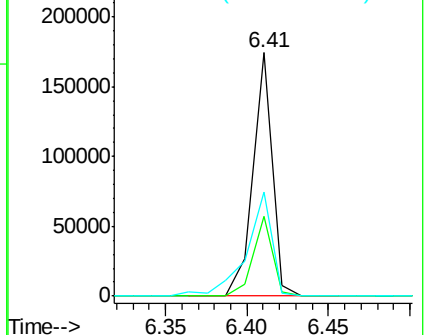
64 42.8 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.86 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

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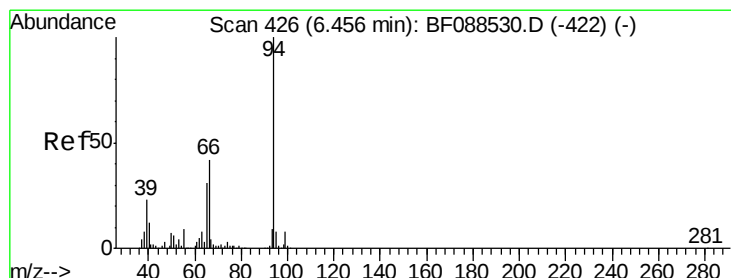
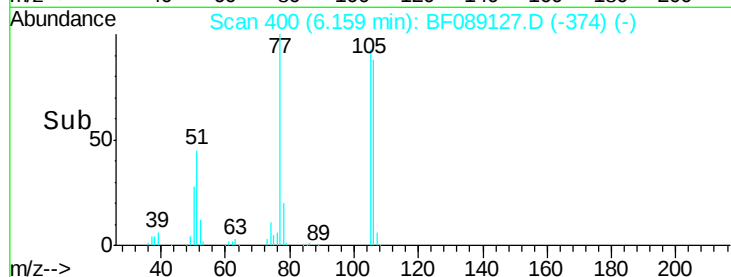
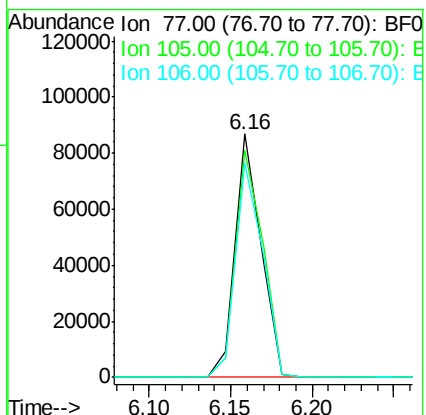
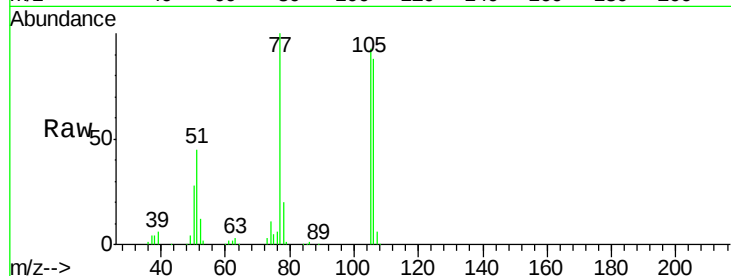
Tgt Ion: 77 Resp: 94439

Ion Ratio Lower Upper

77 100

105 93.4 90.6 130.6

106 87.8 85.3 125.3



#10

Phenol

Concen: 41.21 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

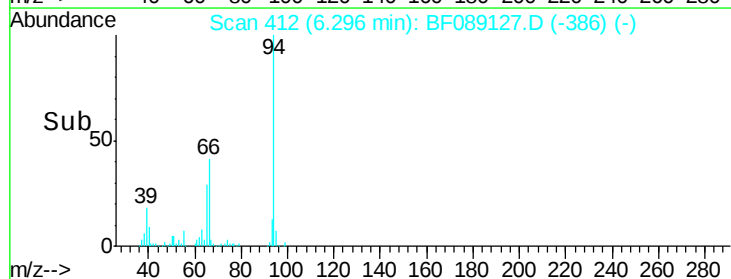
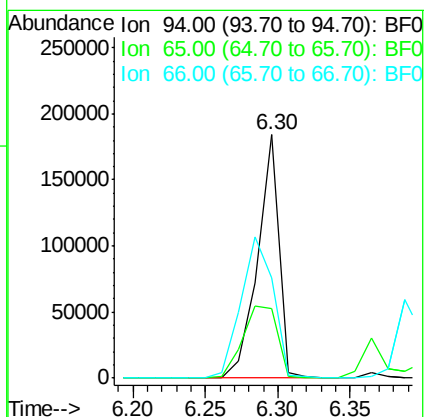
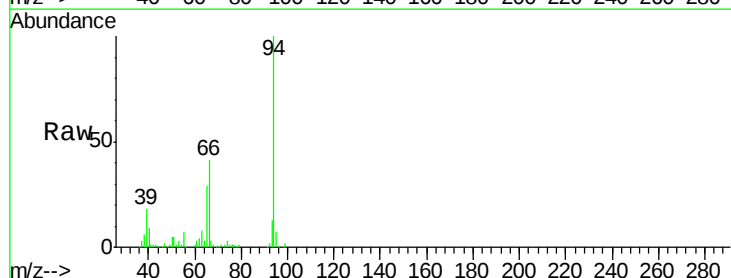
Tgt Ion: 94 Resp: 188115

Ion Ratio Lower Upper

94 100

65 28.6 5.9 45.9

66 41.2 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 34.92 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

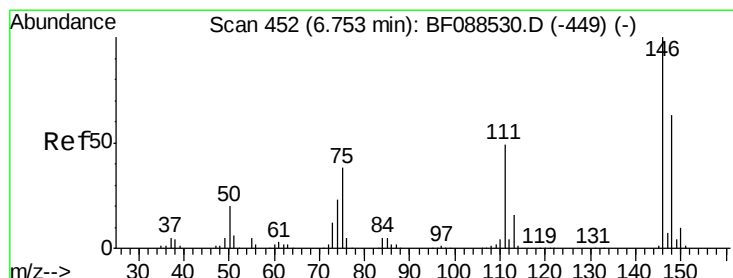
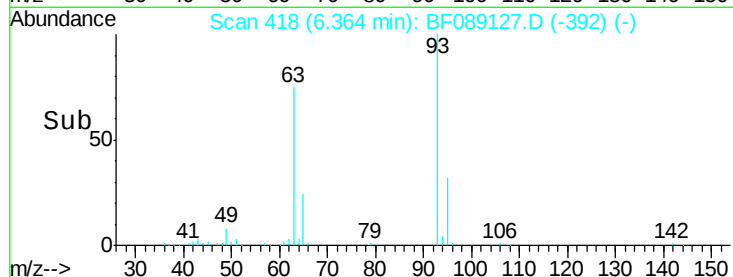
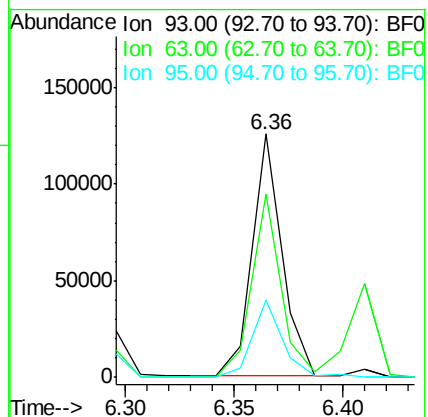
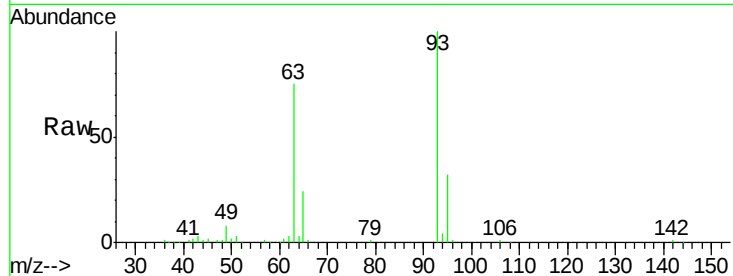
Tgt Ion: 93 Resp: 118873

Ion Ratio Lower Upper

93 100

63 75.4 67.6 107.6

95 31.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.21 ng m

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

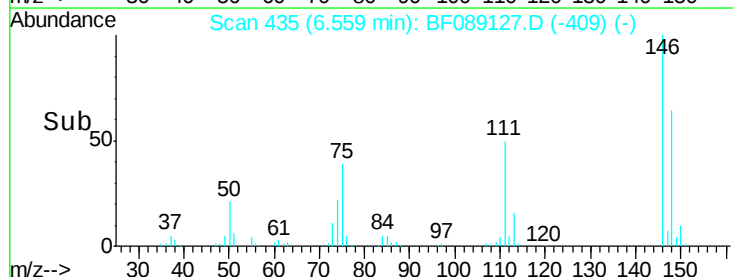
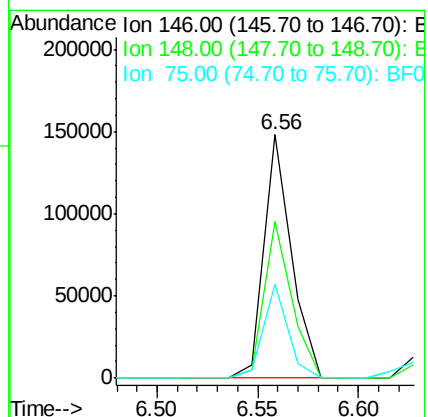
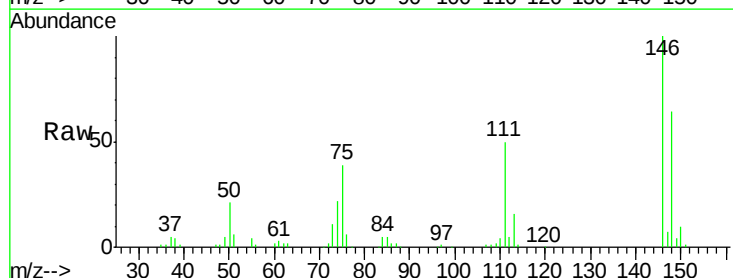
Tgt Ion: 146 Resp: 139893

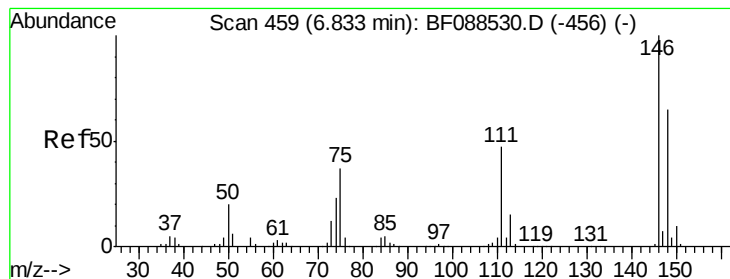
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

75 38.7 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 40.92 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

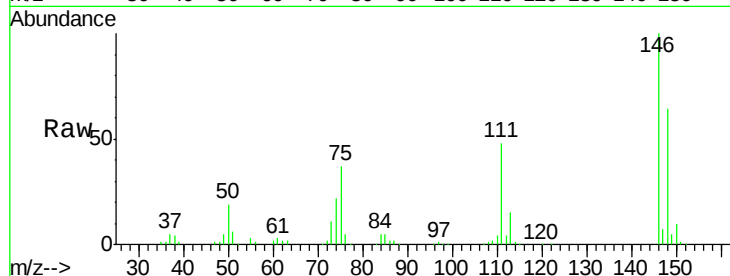
Tgt Ion:146 Resp: 148705

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

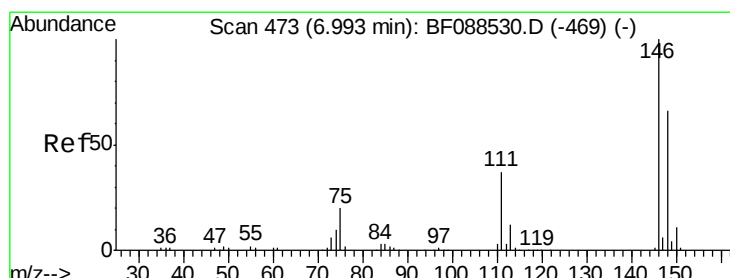
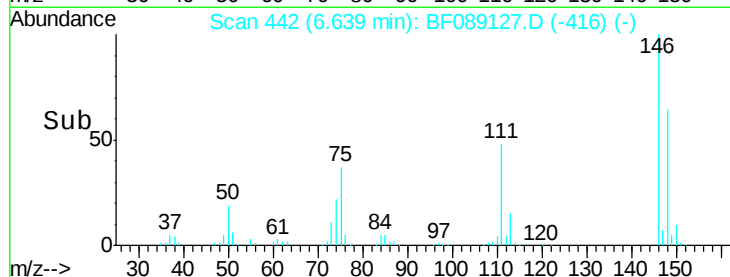
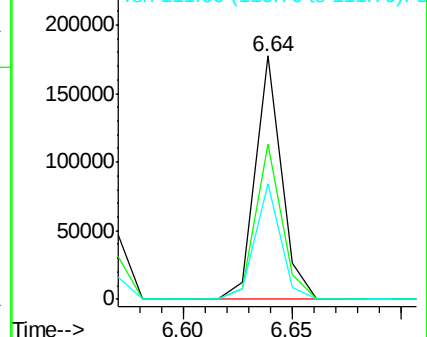
111 47.6 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.93 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

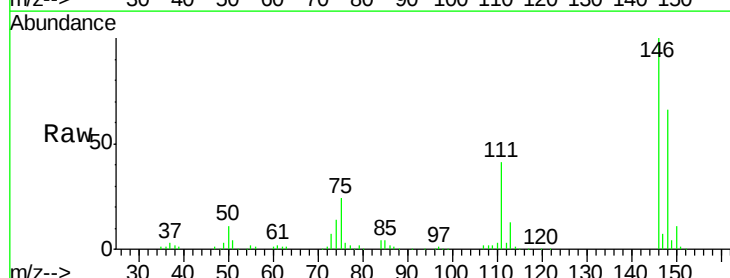
Tgt Ion:146 Resp: 146035

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

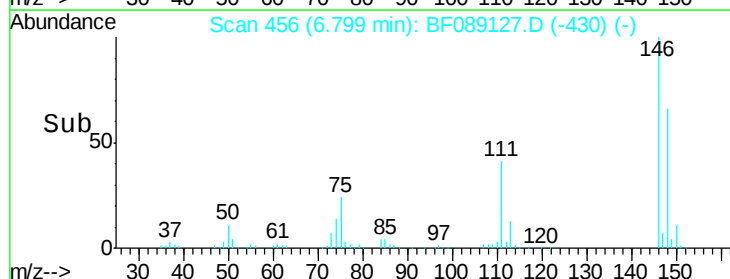
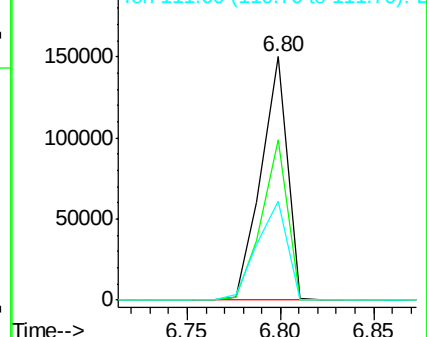
111 40.6 28.7 43.1



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: 37.56 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

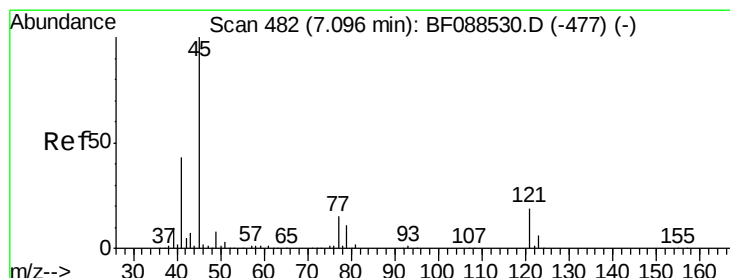
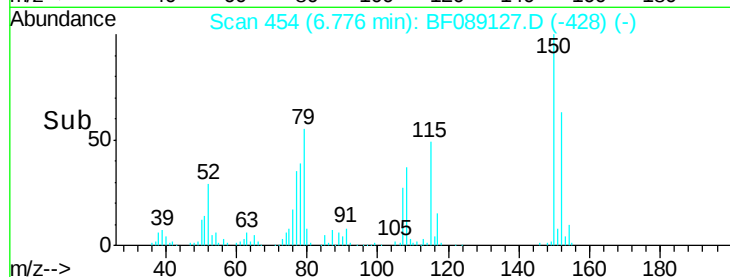
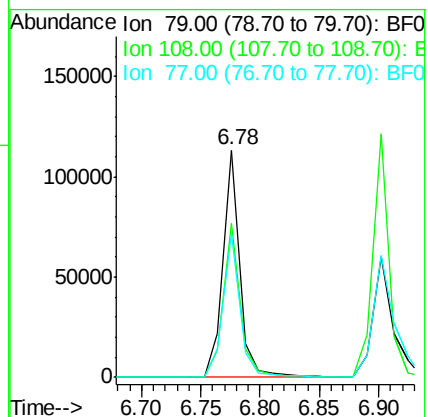
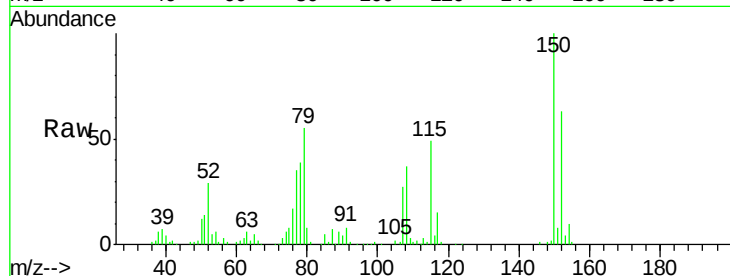
Tgt Ion: 79 Resp: 110578

Ion Ratio Lower Upper

79 100

108 68.0 65.0 97.6

77 63.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.98 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

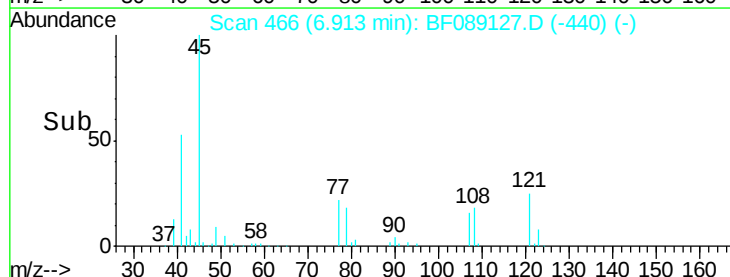
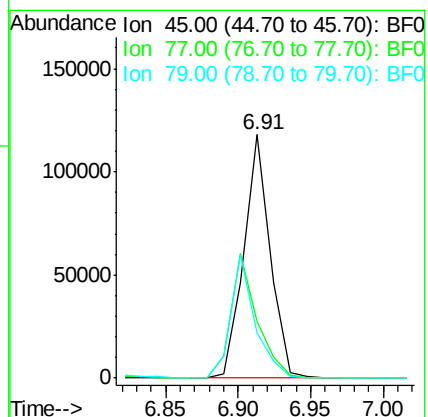
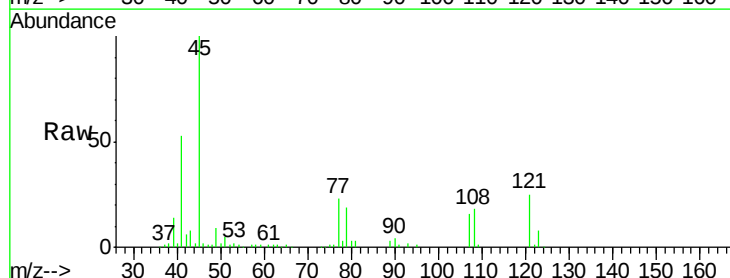
Tgt Ion: 45 Resp: 147789

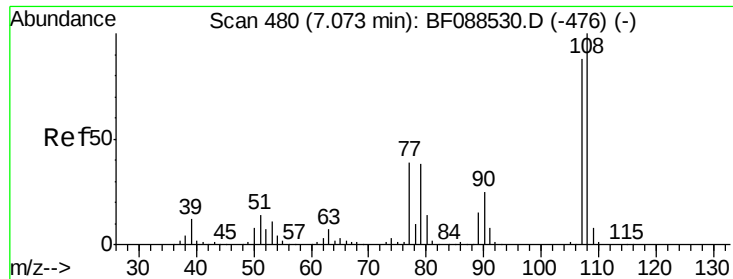
Ion Ratio Lower Upper

45 100

77 23.1 0.0 32.5

79 18.6 0.0 29.5

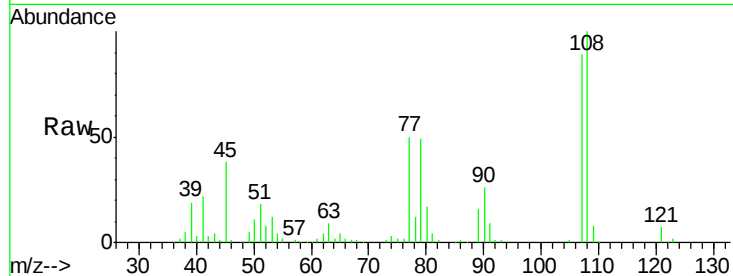




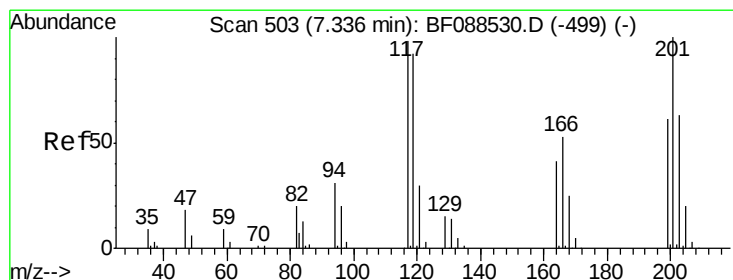
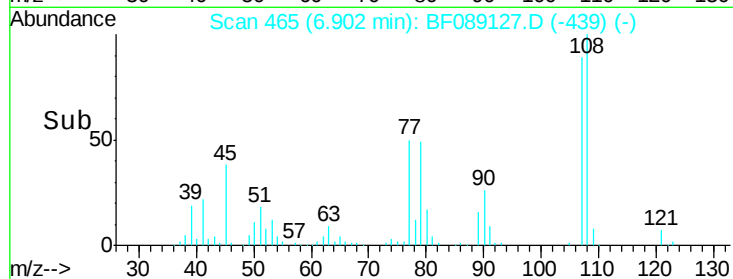
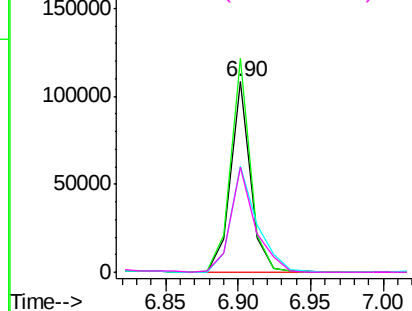
#17
2-Methylphenol
Concen: 37.92 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 102921
Ion Ratio Lower Upper
107 100
108 112.1 90.9 136.3
77 55.9 36.6 55.0#
79 55.3 36.5 54.7#

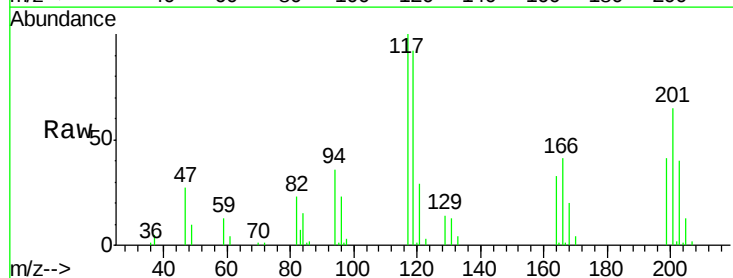


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

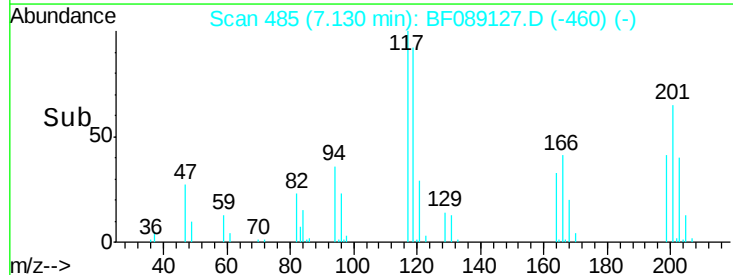
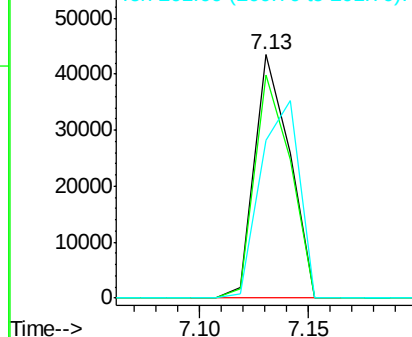


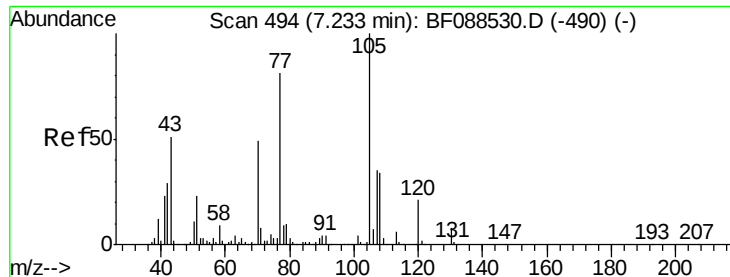
#18
Hexachloroethane
Concen: 34.70 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion:117 Resp: 48780
Ion Ratio Lower Upper
117 100
119 91.6 77.4 116.2
201 64.7 80.4 120.6#



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

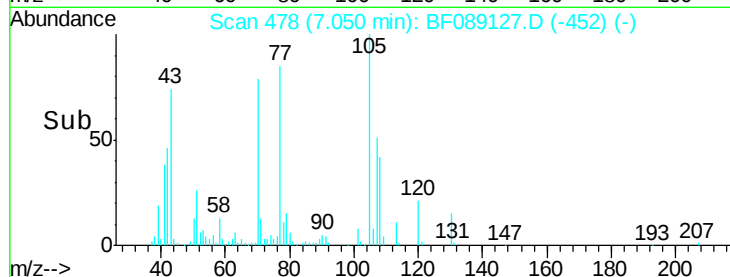
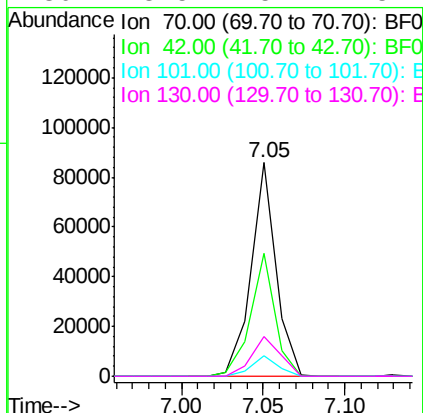
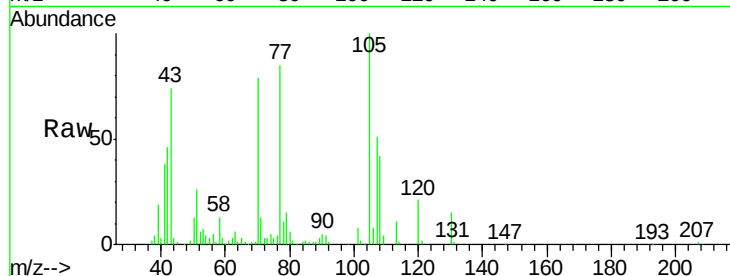




#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

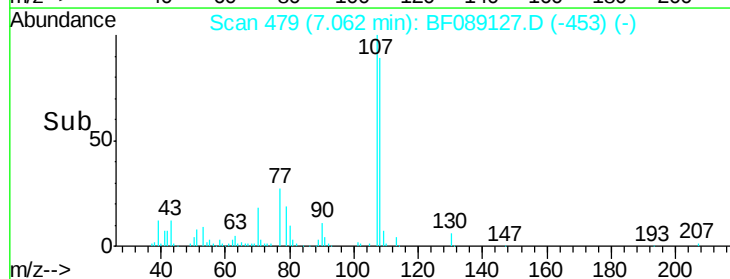
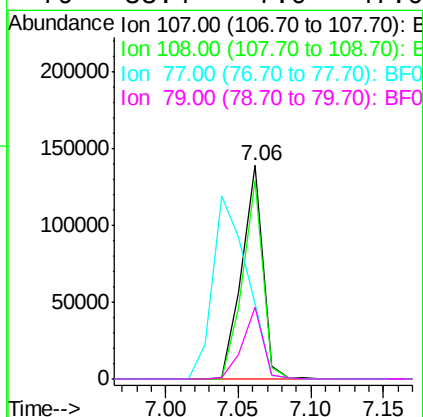
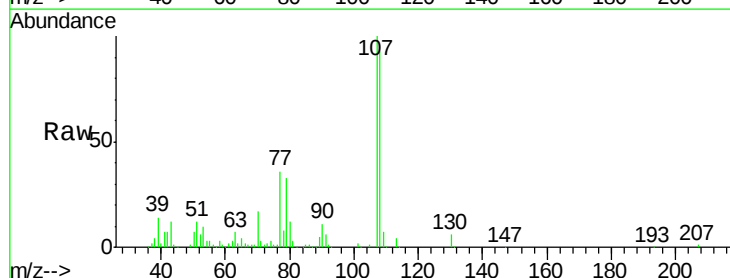
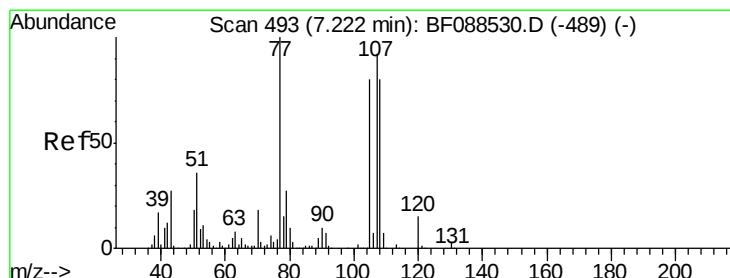
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

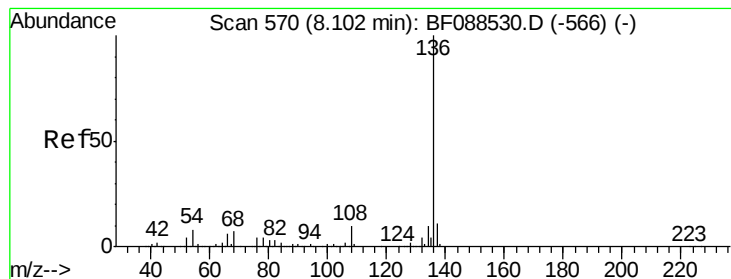
Tgt Ion: 70 Resp: 91098
Ion Ratio Lower Upper
70 100
42 57.8 49.6 74.4
101 9.5 7.1 10.7
130 18.5 15.4 23.2



#20
3+4-Methylphenols
Concen: 43.28 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion: 107 Resp: 140974
Ion Ratio Lower Upper
107 100
108 92.9 67.8 107.8
77 35.7 59.3 99.3#
79 33.4 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 181057

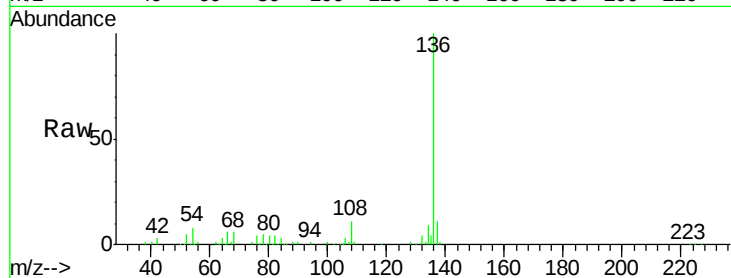
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.5 6.6 10.0

68 6.3 5.1 7.7

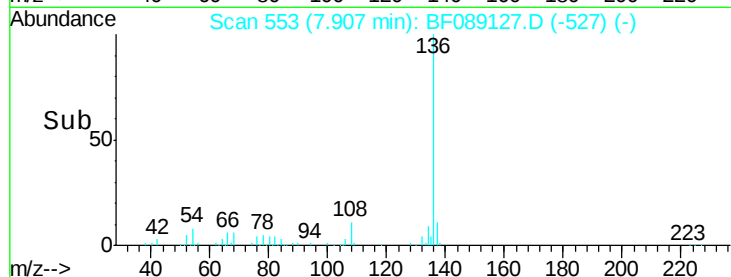


Abundance Ion 136.00 (135.70 to 136.70): E

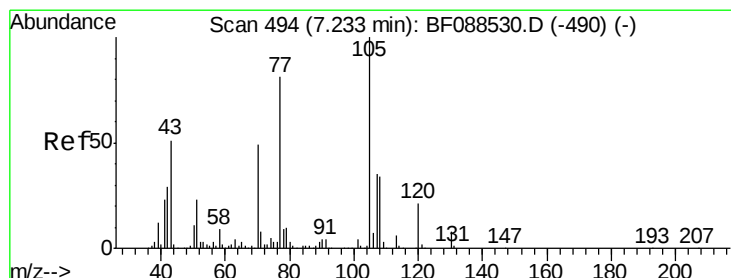
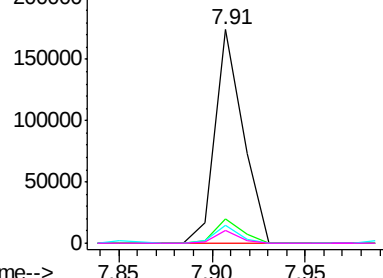
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.24 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Tgt Ion:105 Resp: 194414

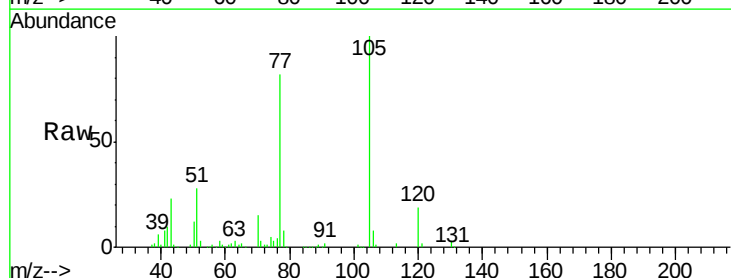
Ion Ratio Lower Upper

105 100

71 2.5 5.3 7.9#

51 27.6 18.2 27.4#

120 18.6 18.0 27.0

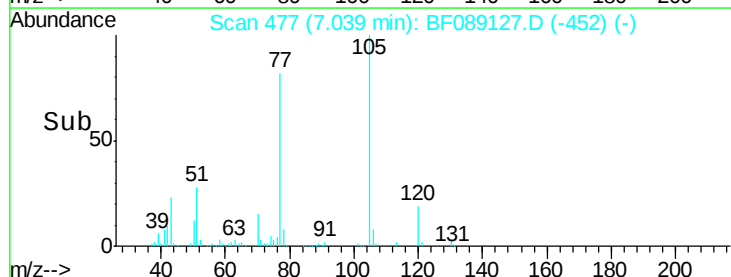


Abundance Ion 105.00 (104.70 to 105.70): E

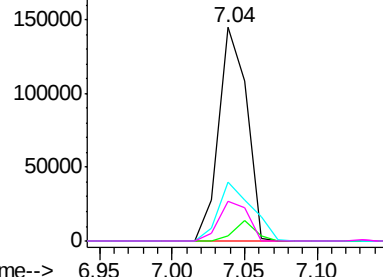
Ion 71.00 (70.70 to 71.70): BF0

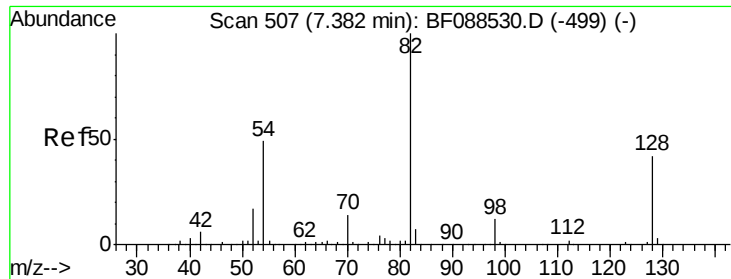
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

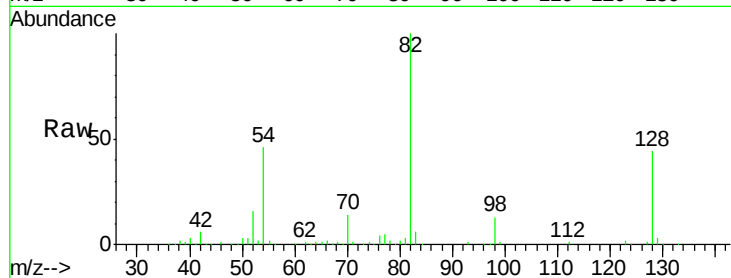




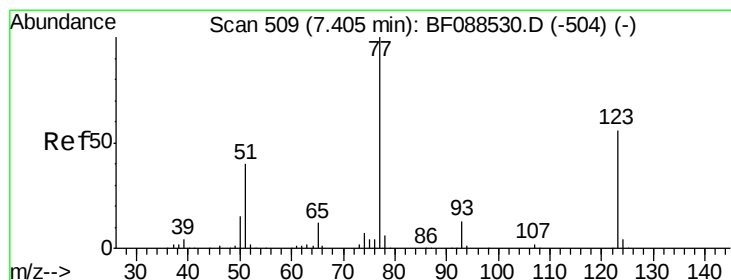
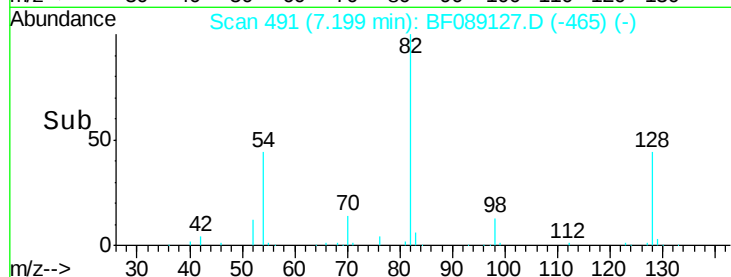
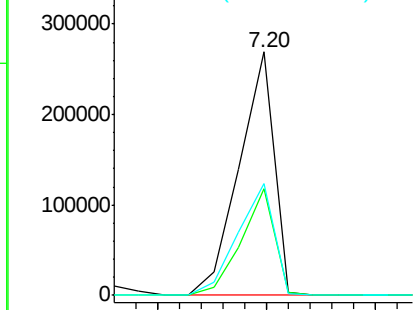
#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 301024
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.9 53.9
 54 46.0 40.9 61.3

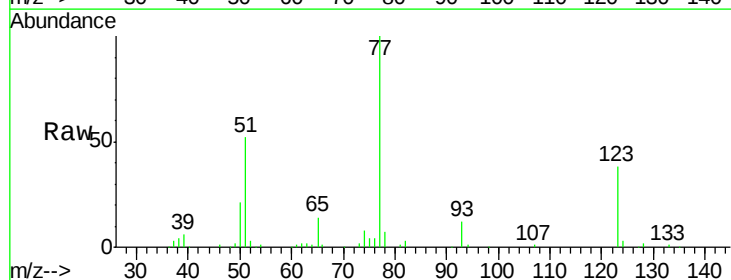


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

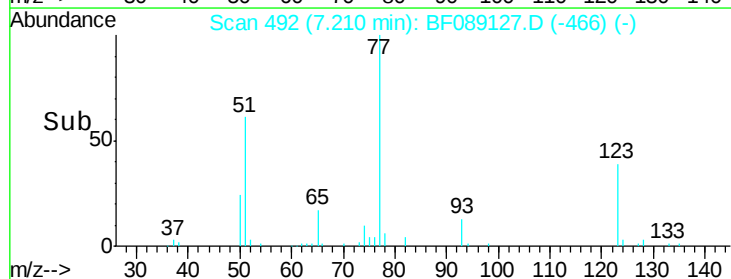
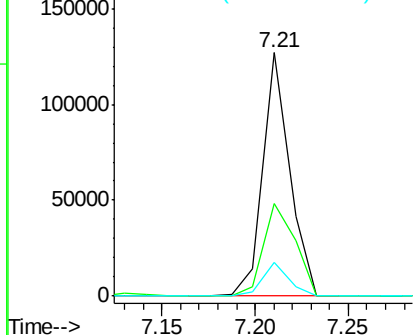


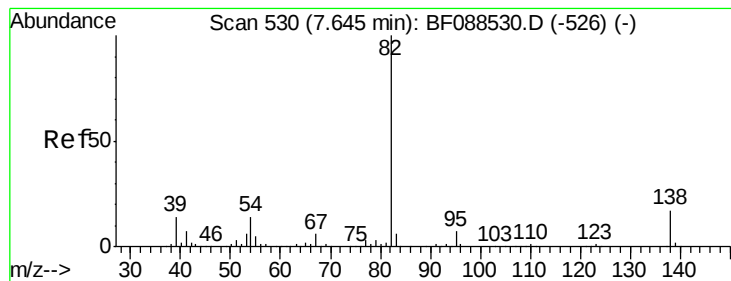
#24
 Nitrobenzene
 Concen: 36.11 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion: 77 Resp: 125775
 Ion Ratio Lower Upper
 77 100
 123 37.8 45.0 67.4#
 65 14.0 10.2 15.2



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





#25

Isophorone

Concen: 39.74 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

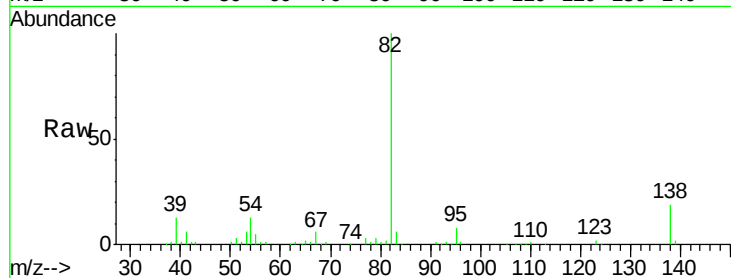
Tgt Ion: 82 Resp: 254358

Ion Ratio Lower Upper

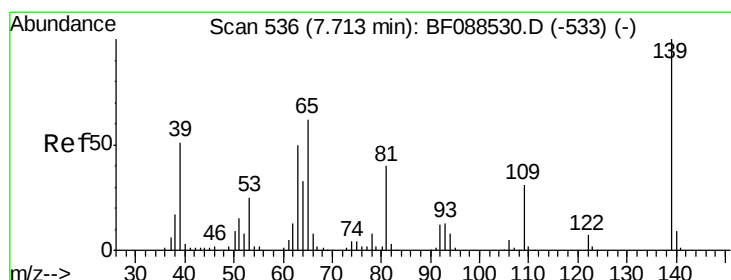
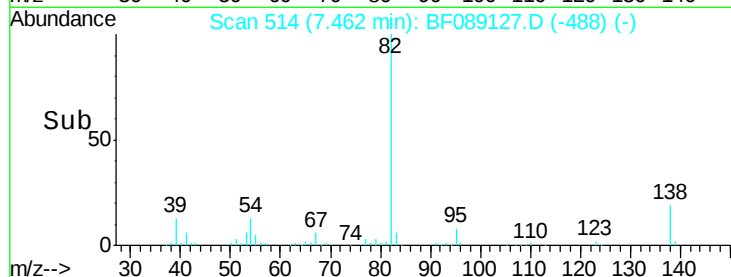
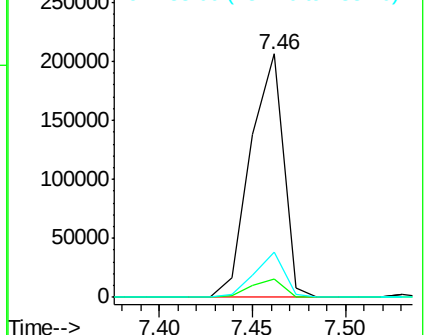
82 100

95 7.8 5.4 8.2

138 18.7 14.6 21.8



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



#26

2-Nitrophenol

Concen: 47.38 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

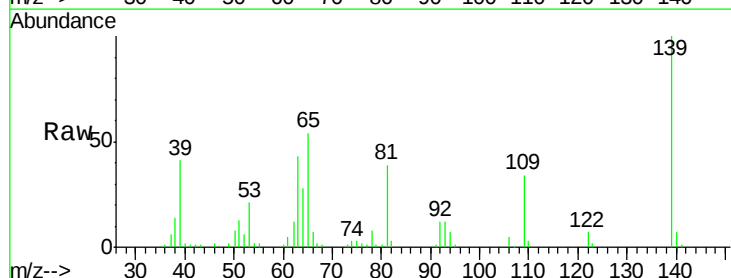
Tgt Ion: 139 Resp: 67679

Ion Ratio Lower Upper

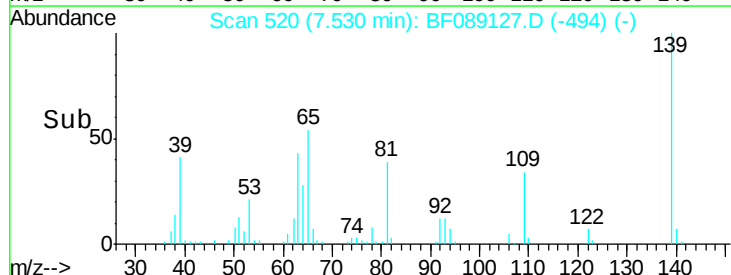
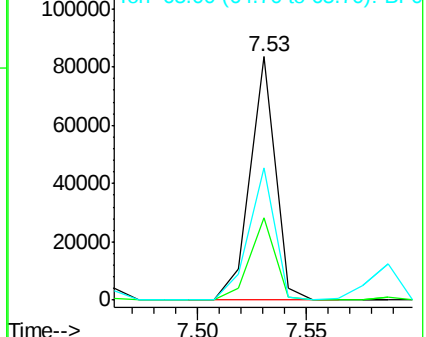
139 100

109 34.0 23.0 34.4

65 54.4 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 42.54 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

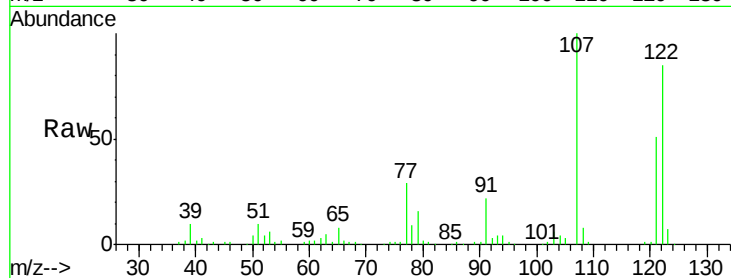
Tgt Ion:122 Resp: 126573

Ion Ratio Lower Upper

122 100

107 117.2 82.4 123.6

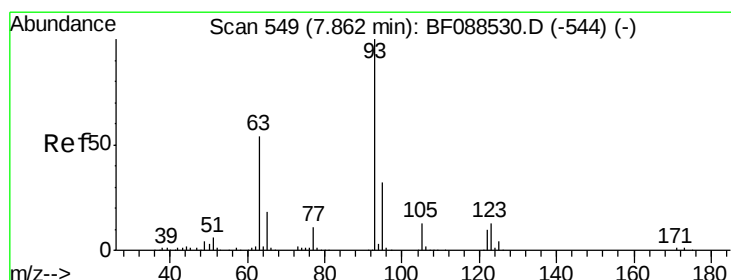
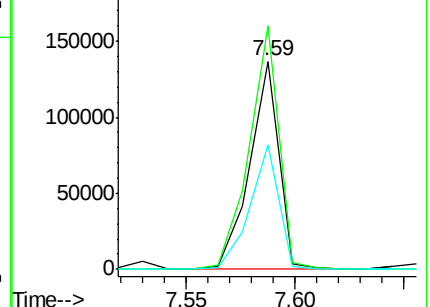
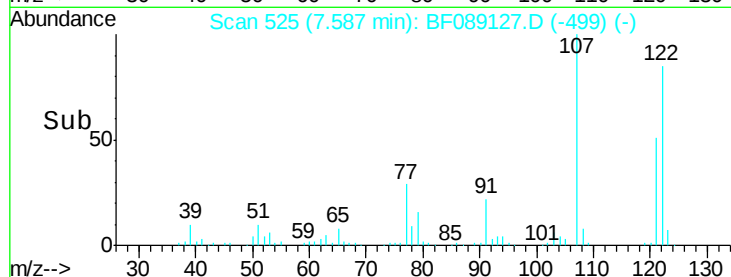
121 60.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.75 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

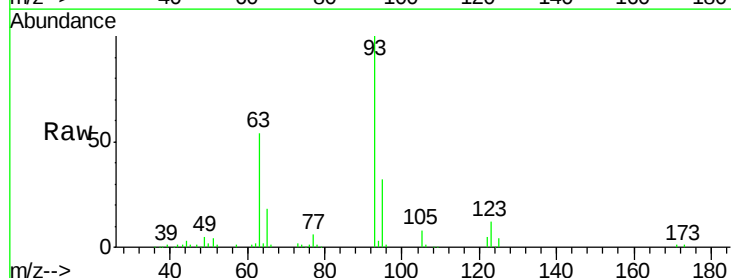
Tgt Ion: 93 Resp: 169721

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

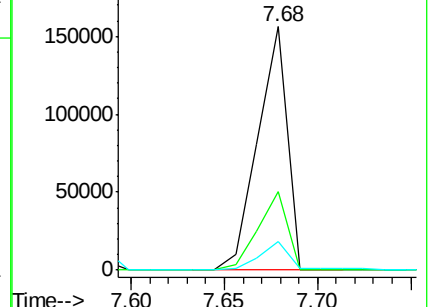
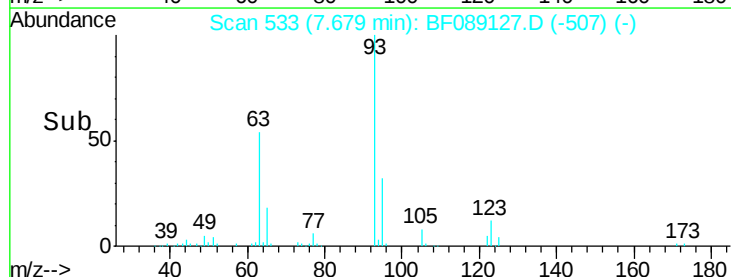
123 12.0 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

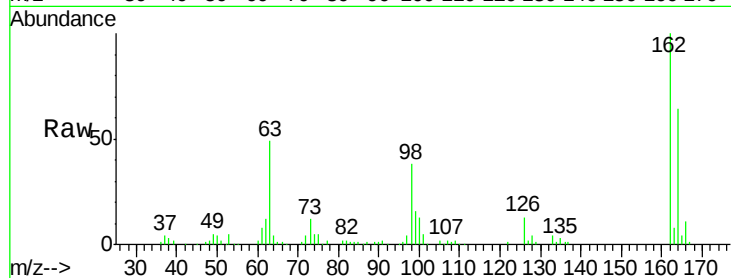




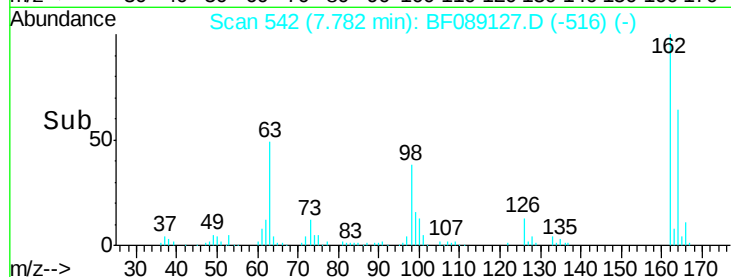
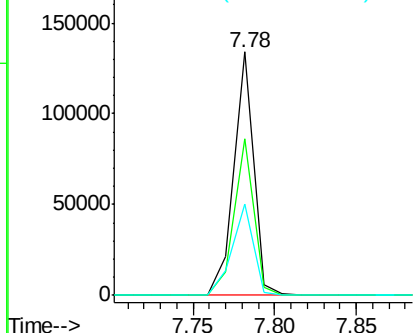
#29
 2,4-Dichlorophenol
 Concen: 46.33 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 111392
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.8 83.8
 98 37.7 21.3 61.3

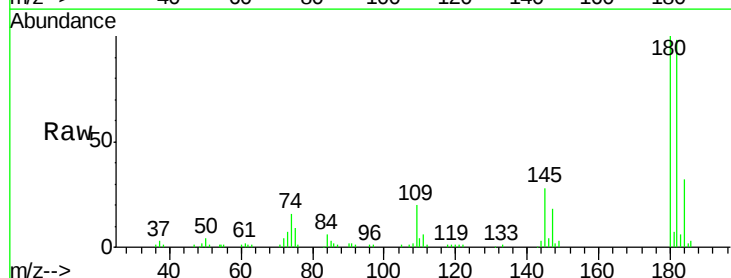


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

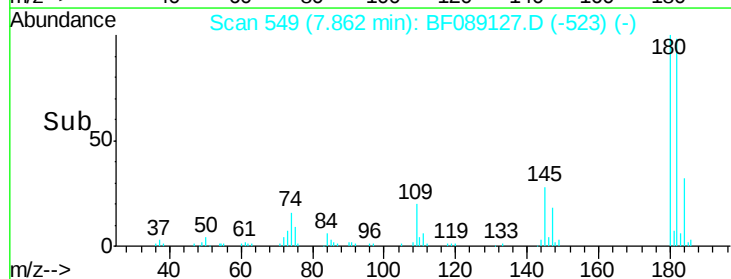
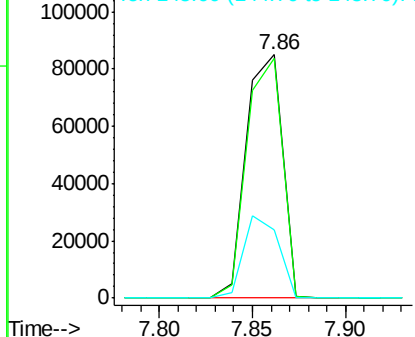


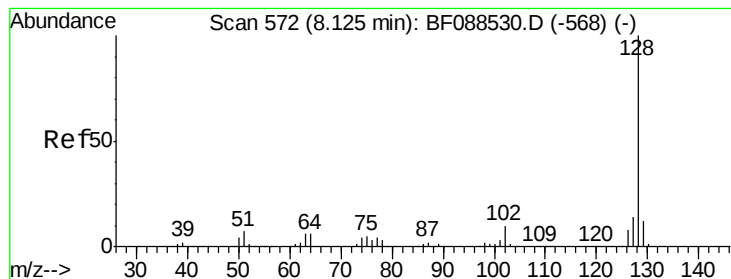
#30
 1,2,4-Trichlorobenzene
 Concen: 43.35 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:180 Resp: 114385
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.0 114.0
 145 28.0 26.5 39.7



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





#31

Naphthalene

Concen: 40.15 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

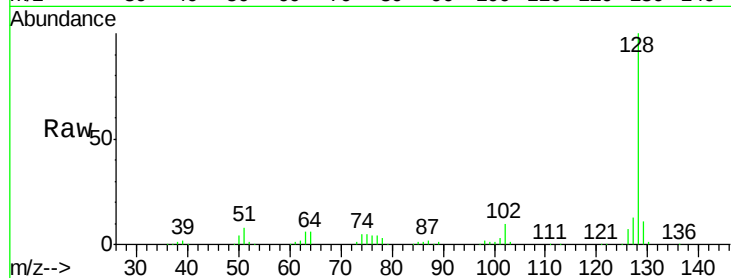
Tgt Ion:128 Resp: 358357

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

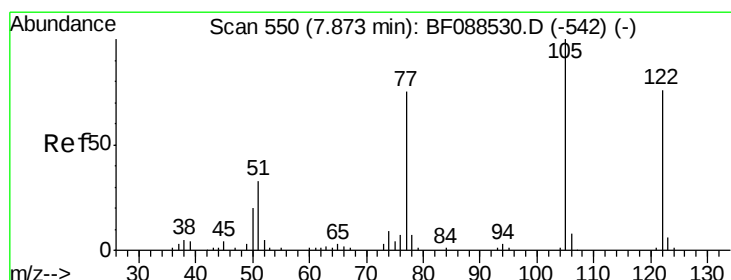
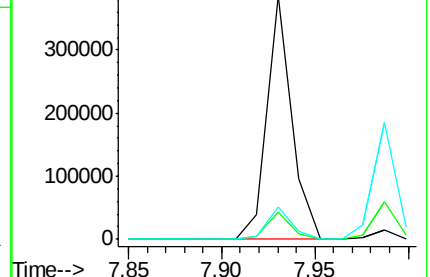
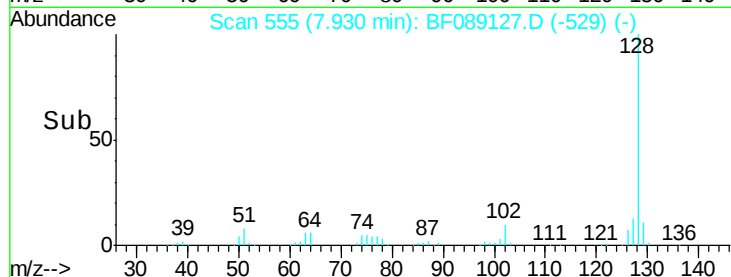
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.18 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

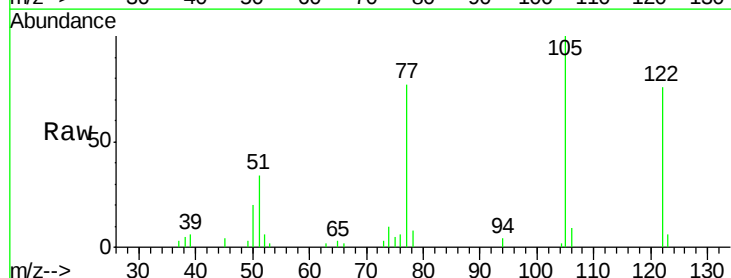
Tgt Ion:122 Resp: 67348

Ion Ratio Lower Upper

122 100

105 130.9 101.6 141.6

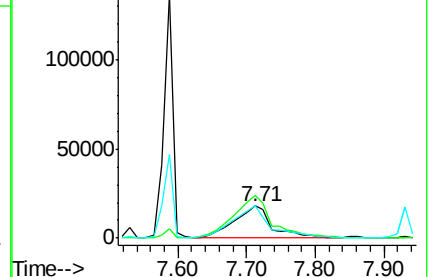
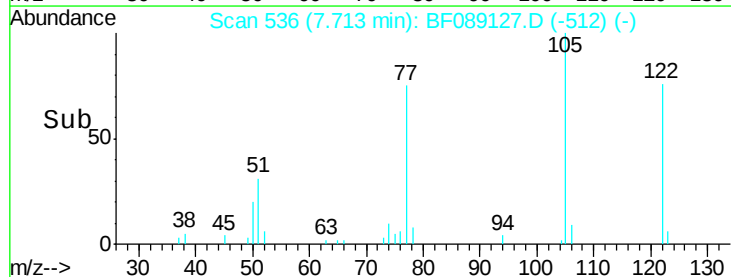
77 101.3 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

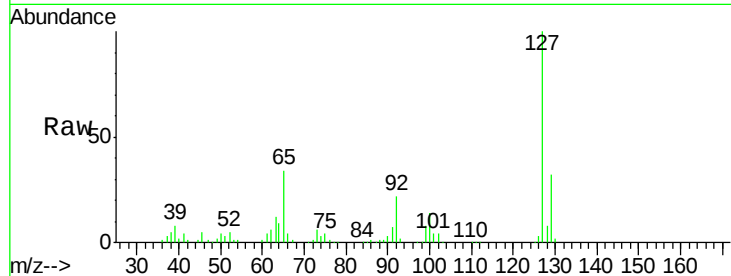




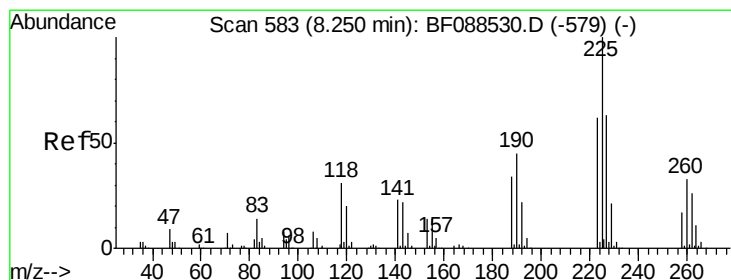
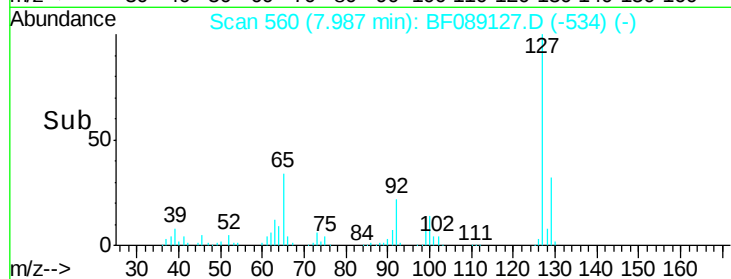
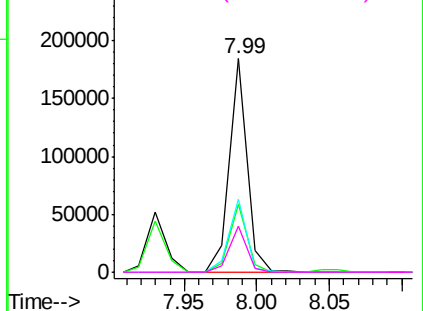
#33
4-Chloroaniline
Concen: 39.49 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	156812
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	34.1	24.7	37.1
92	21.9	15.4	23.0

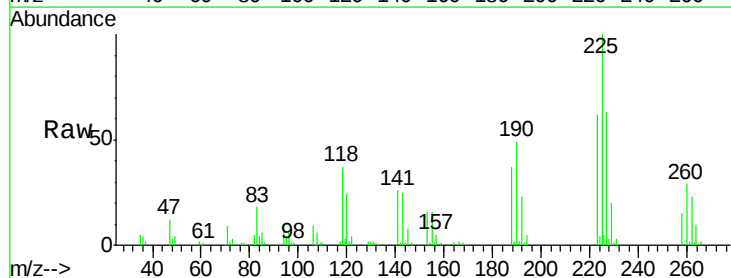


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

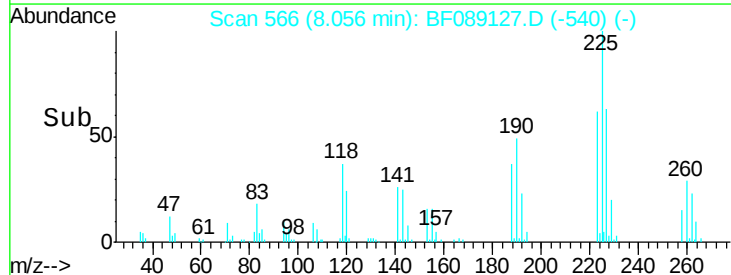
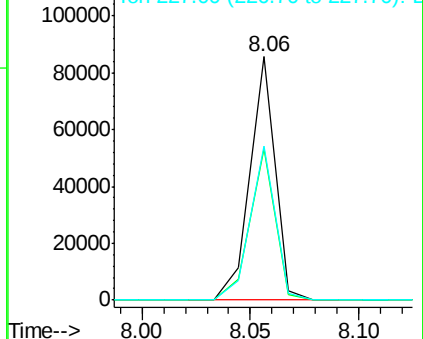


#34
Hexachlorobutadiene
Concen: 48.76 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion:	225	Resp:	68893
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	63.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

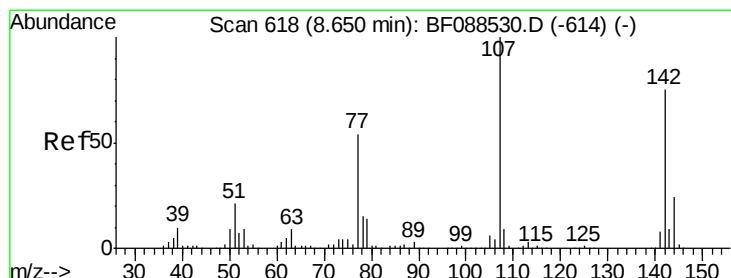
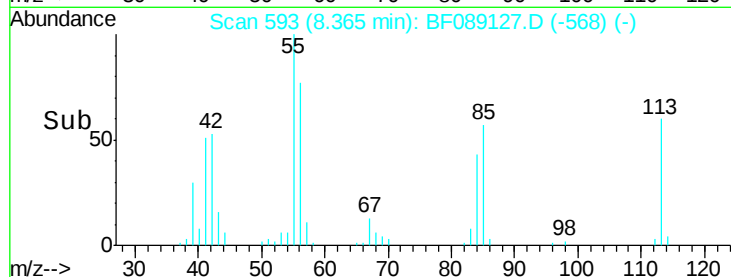
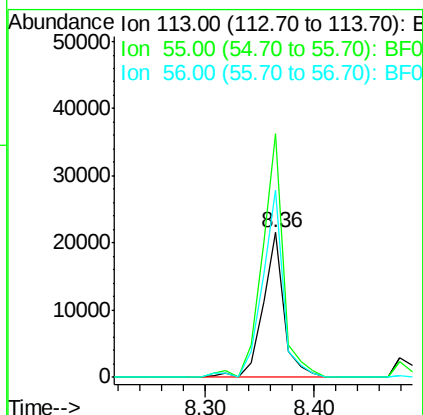
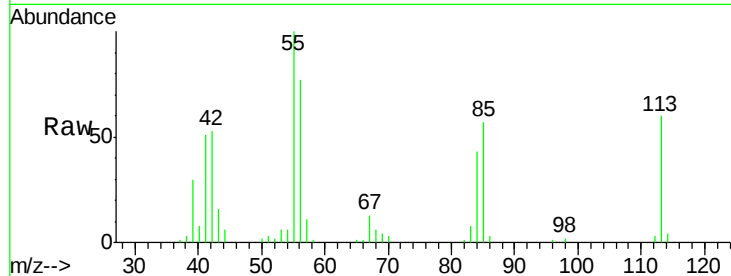




#35
 Caprolactam
 Concen: 35.40 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

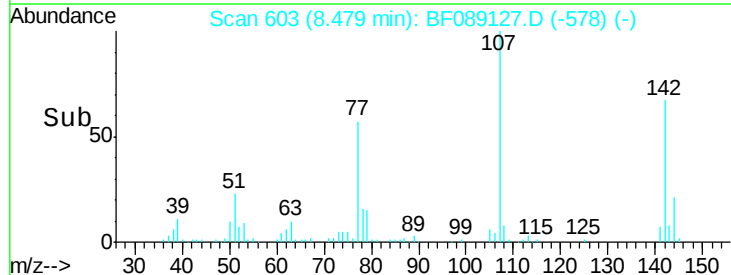
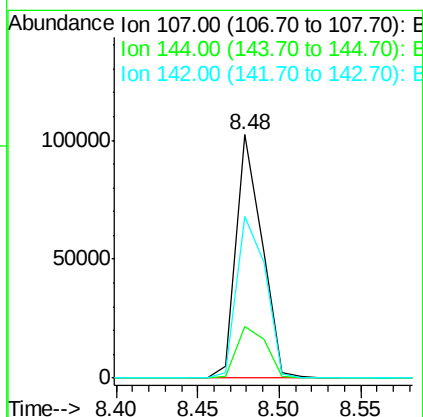
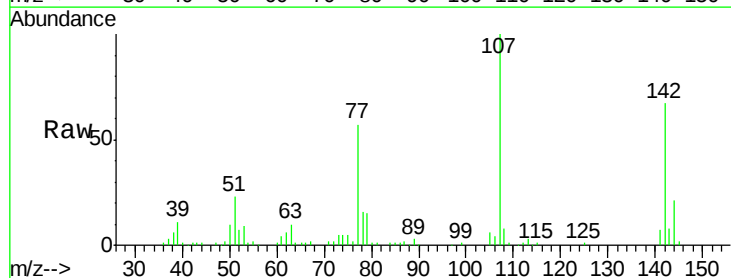
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

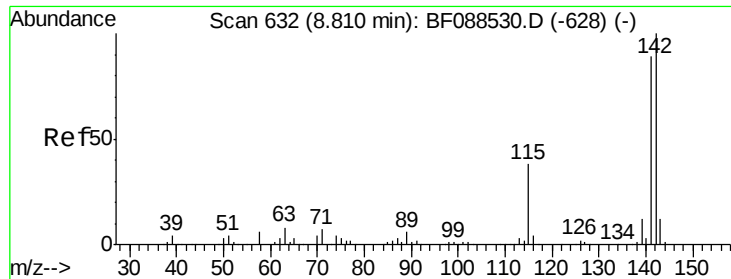
Tgt Ion:113 Resp: 28908
 Ion Ratio Lower Upper
 113 100
 55 168.0 158.6 198.6
 56 129.4 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.38 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:107 Resp: 111960
 Ion Ratio Lower Upper
 107 100
 144 21.1 20.8 31.2
 142 66.6 63.4 95.2

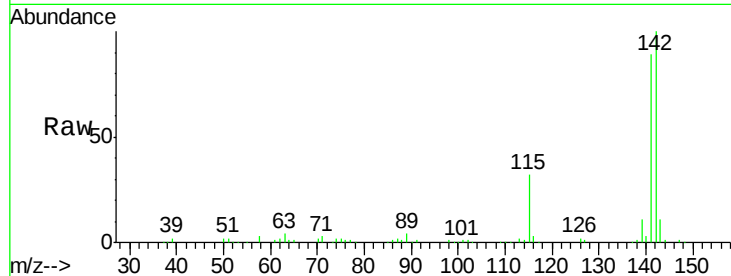




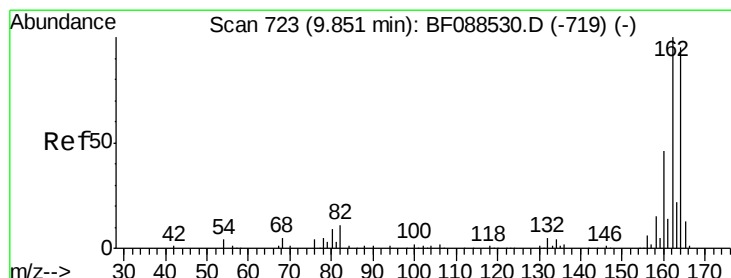
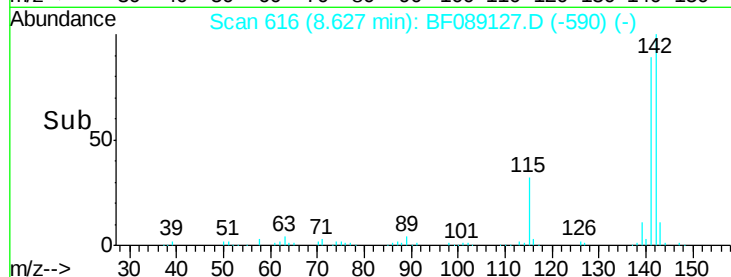
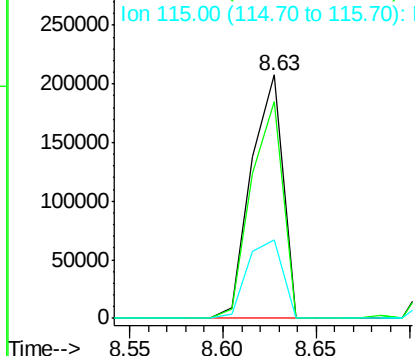
#37
 2-Methylnaphthalene
 Concen: 42.48 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 244163
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 32.4 22.6 33.8

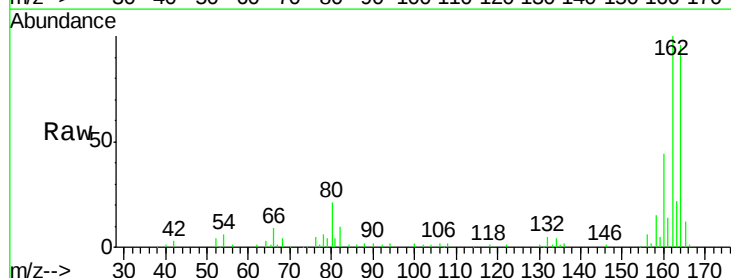


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

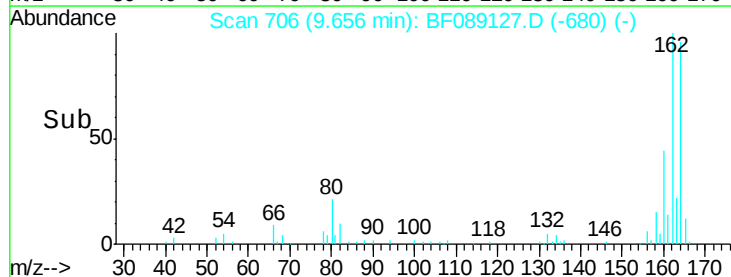
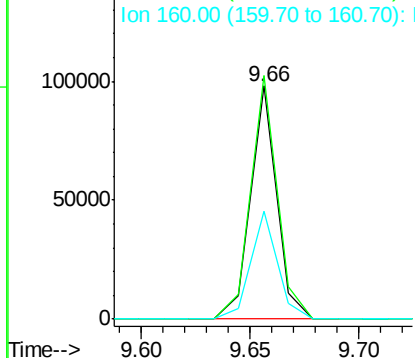


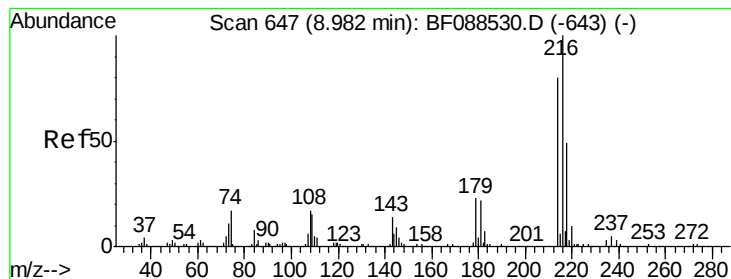
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:164 Resp: 81443
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.4 128.2
 160 46.0 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.68 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 115612

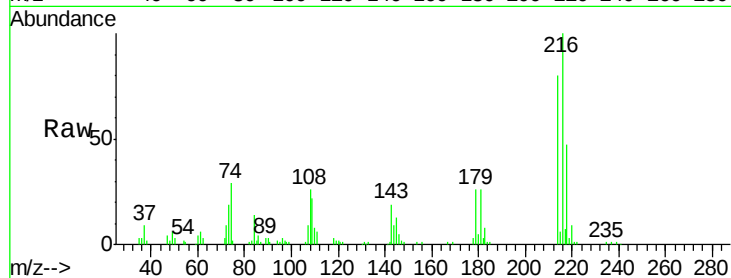
Ion Ratio Lower Upper

216 100

214 78.7 2.9 4.3#

179 23.7 0.0 0.0#

108 21.7 0.5 0.7#

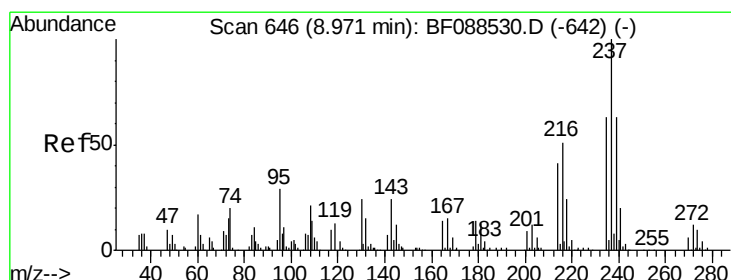
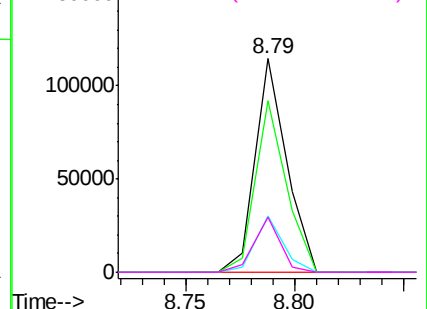
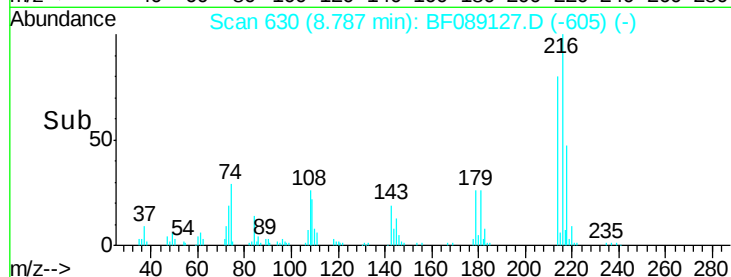


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 5.55 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

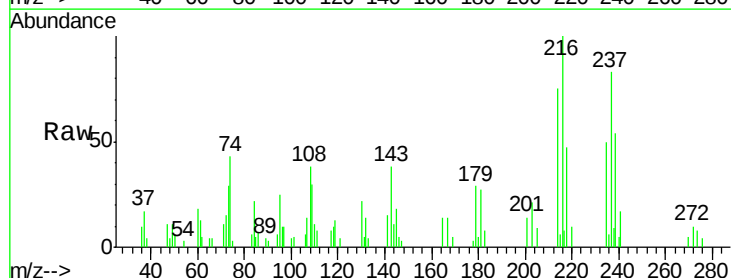
Tgt Ion:237 Resp: 7380

Ion Ratio Lower Upper

237 100

235 60.4 43.4 83.4

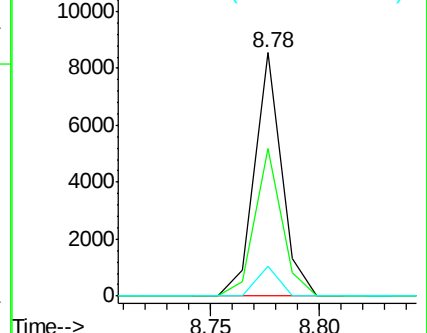
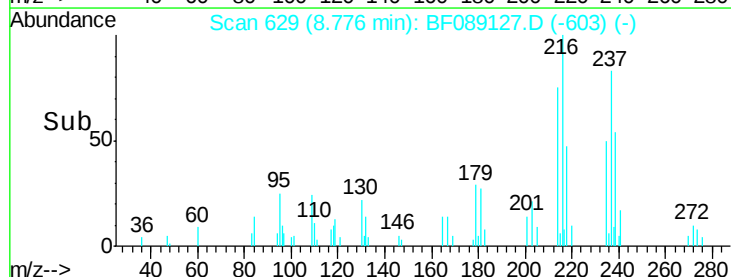
272 12.2 0.0 32.3

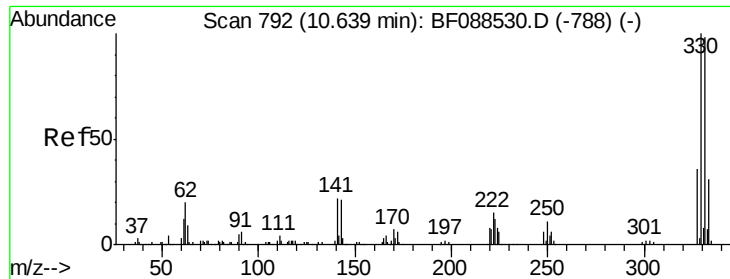


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

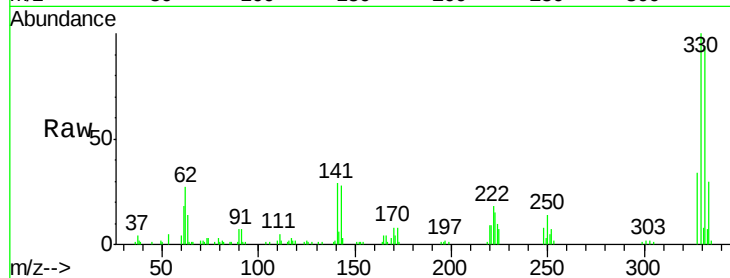




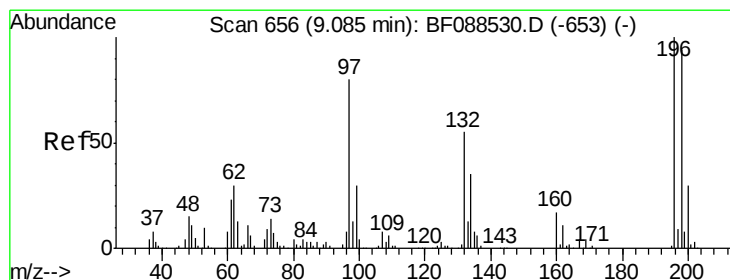
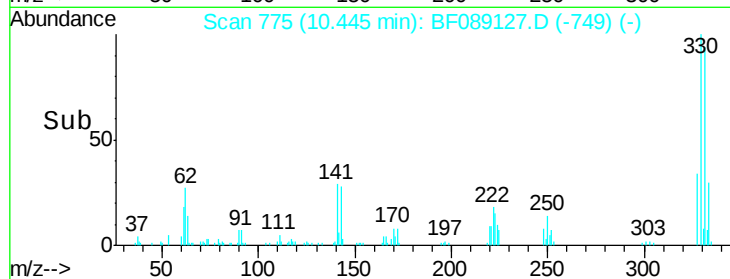
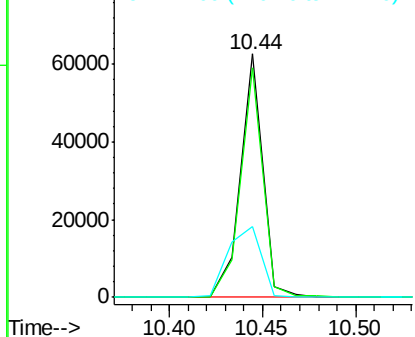
#41
 2,4,6-Tribromophenol
 Concen: 69.03 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 52207
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 44.2 0.0 0.0#

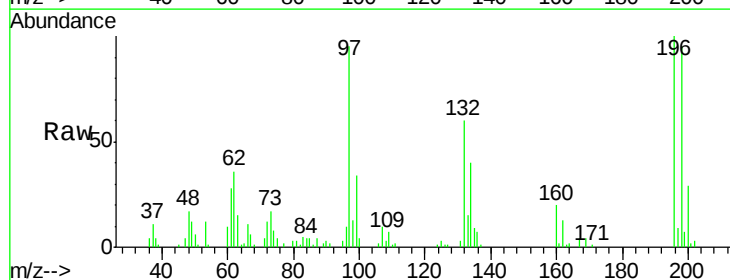


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

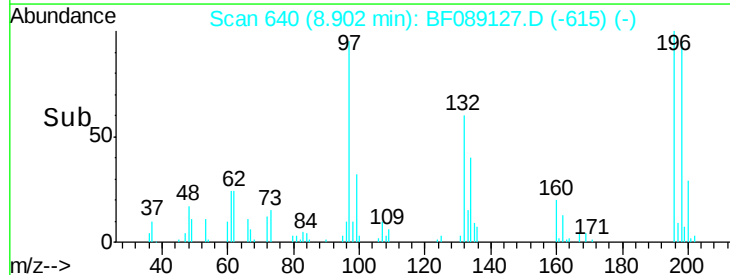
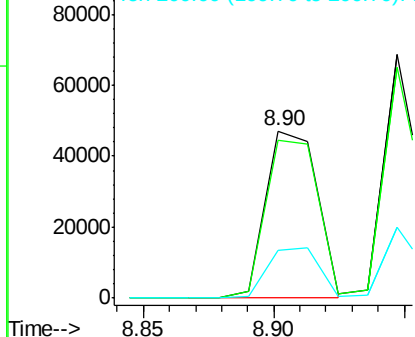


#42
 2,4,6-Trichlorophenol
 Concen: 36.15 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:196 Resp: 64570
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.0 117.0
 200 28.8 25.4 38.2



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

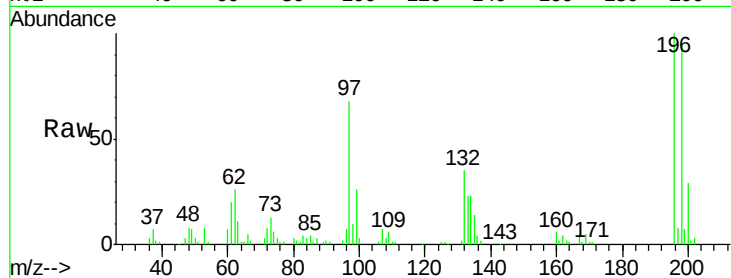




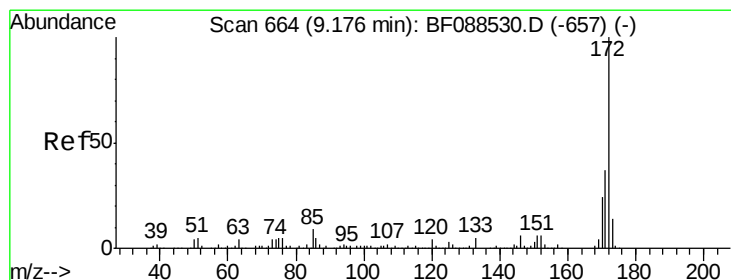
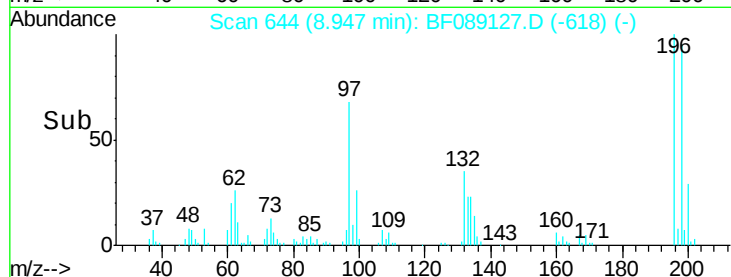
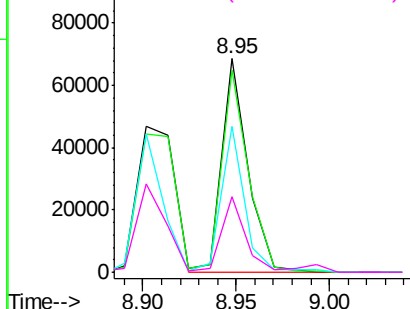
#43
 2,4,5-Trichlorophenol
 Concen: 43.44 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 66754
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.5 116.3
 97 68.4 32.0 48.0#
 132 35.2 20.9 31.3#

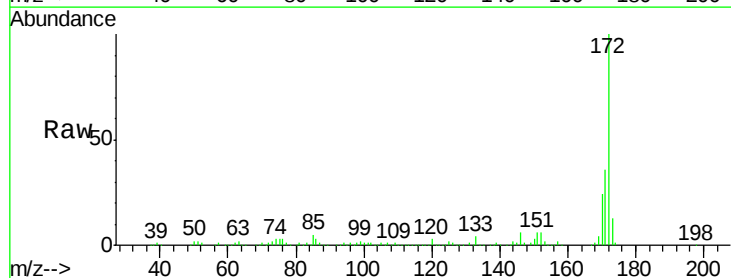


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

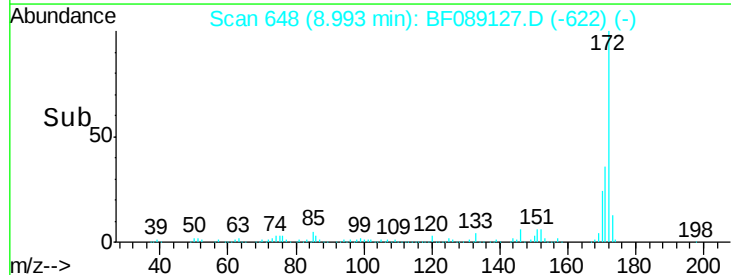
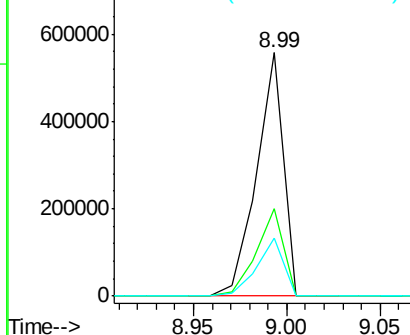


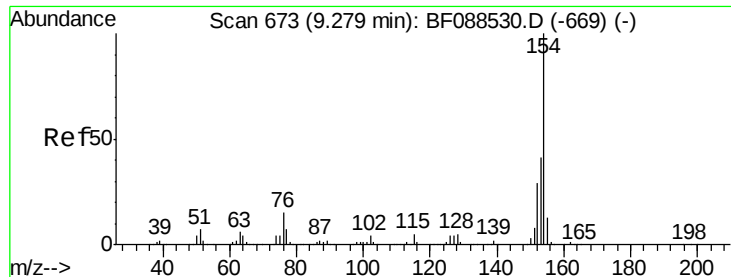
#44
 2-Fluorobiphenyl
 Concen: 106.53 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:172 Resp: 549283
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.7 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.07 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

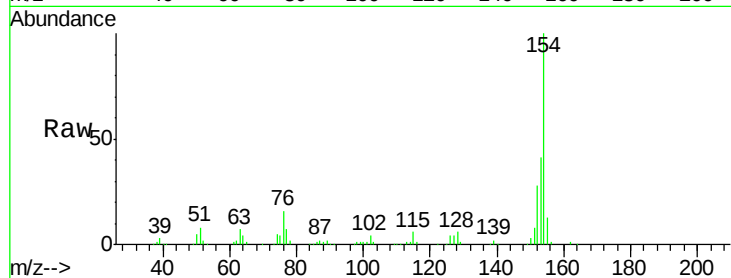
Tgt Ion:154 Resp: 276975

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

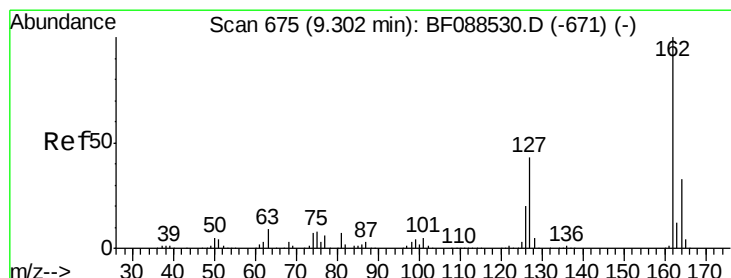
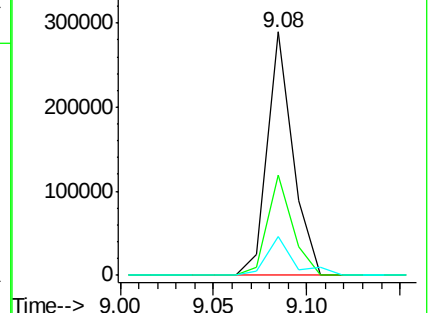
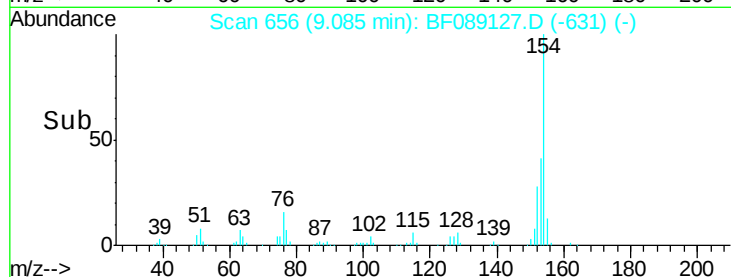
76 15.7 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.37 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

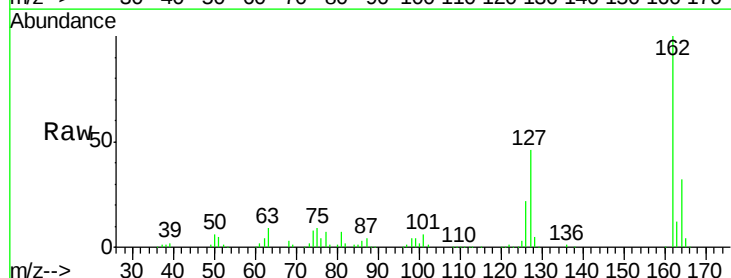
Tgt Ion:162 Resp: 219026

Ion Ratio Lower Upper

162 100

127 46.4 35.2 52.8

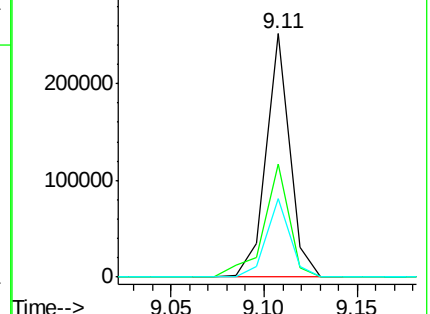
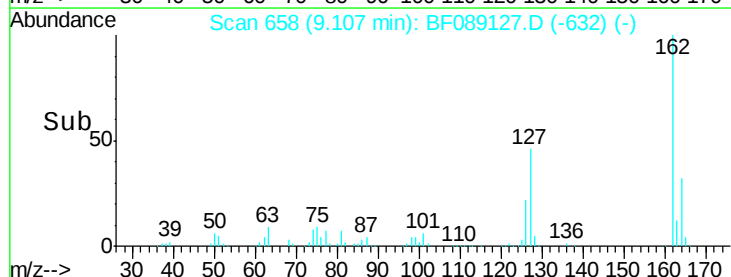
164 32.2 26.6 39.8

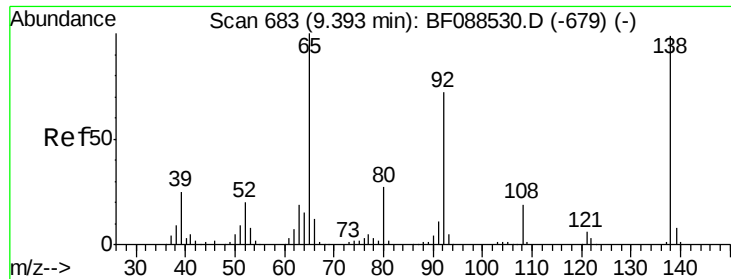


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

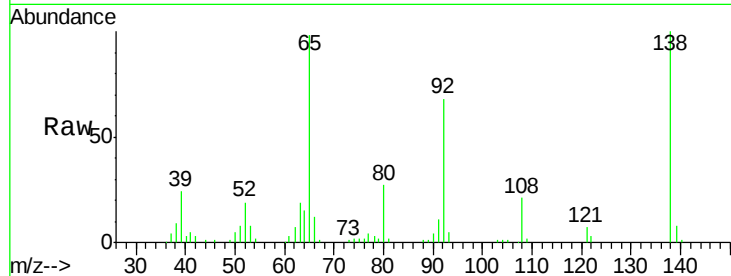




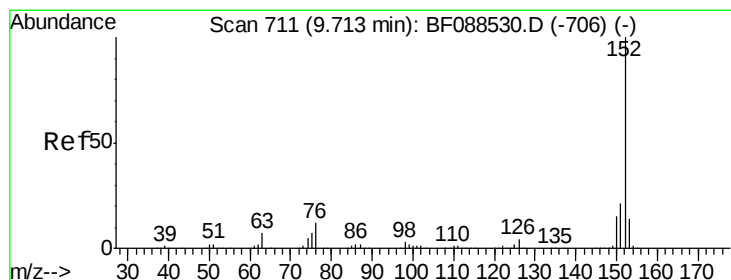
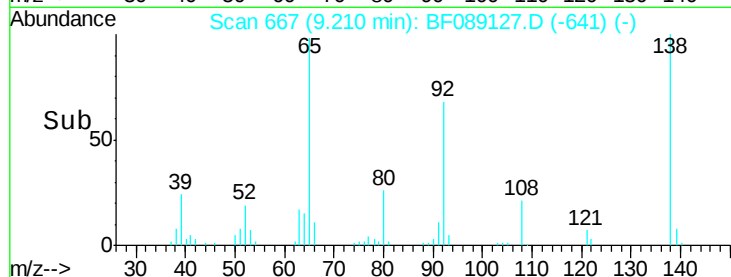
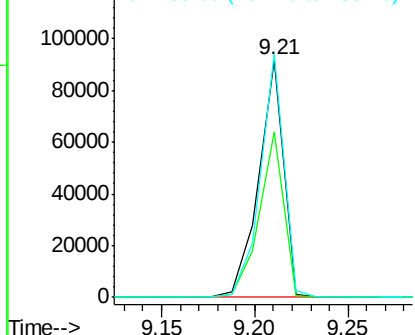
#47
2-Nitroaniline
Concen: 44.82 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 84215
Ion Ratio Lower Upper
65 100
92 69.8 54.6 82.0
138 102.4 77.0 115.4

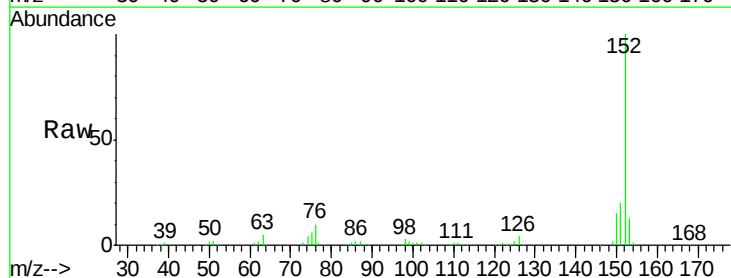


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

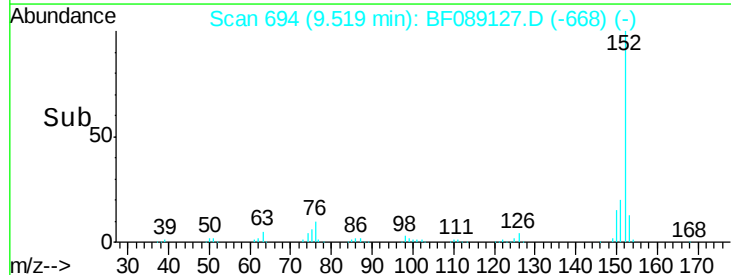
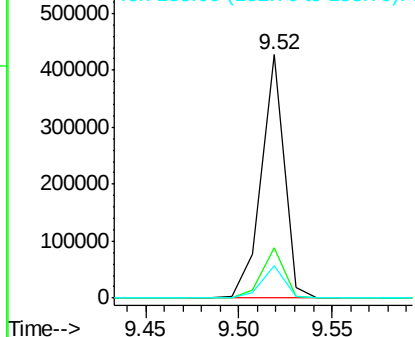


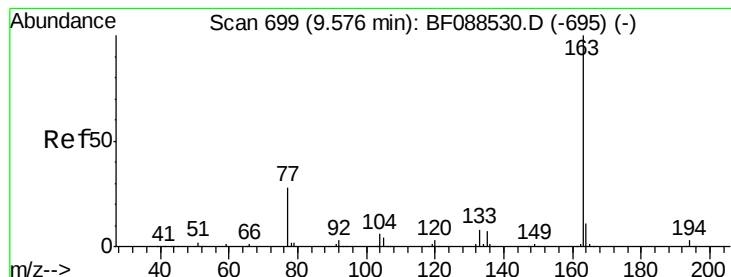
#48
Acenaphthylene
Concen: 42.79 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion: 152 Resp: 360466
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 11.0 16.6



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





#49

Dimethylphthalate

Concen: 41.99 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

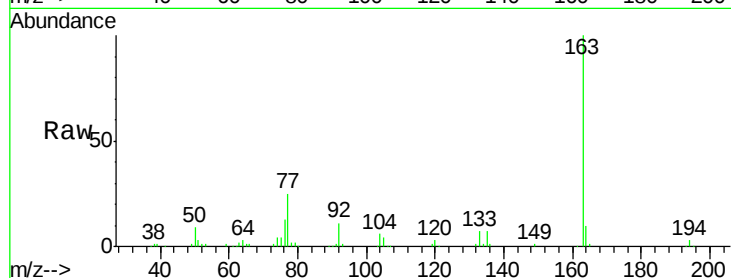
Tgt Ion:163 Resp: 243633

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

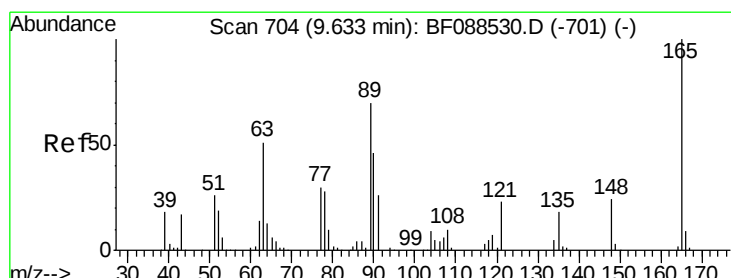
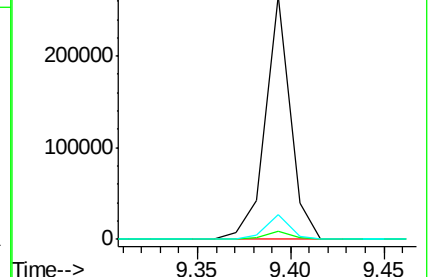
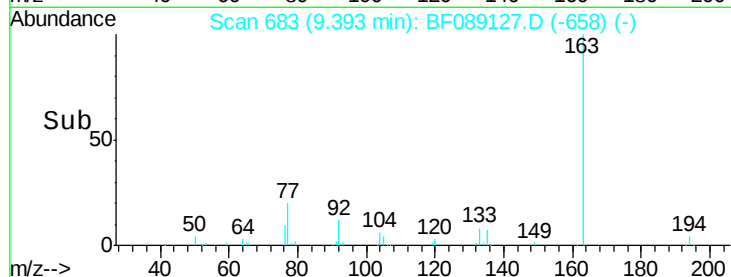
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.36 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

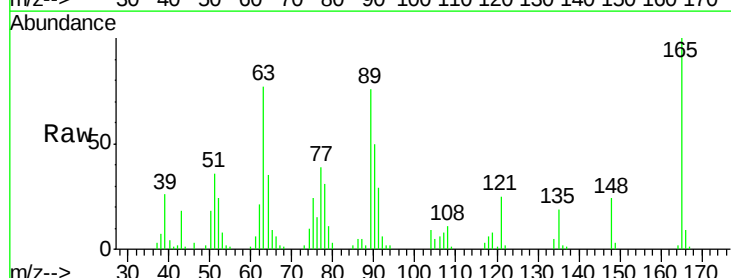
Tgt Ion:165 Resp: 48050

Ion Ratio Lower Upper

165 100

63 77.1 28.1 42.1#

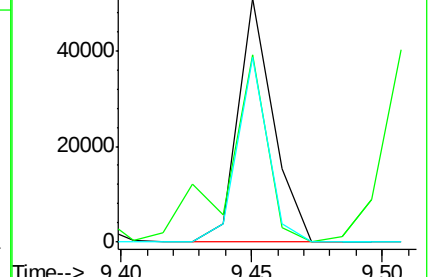
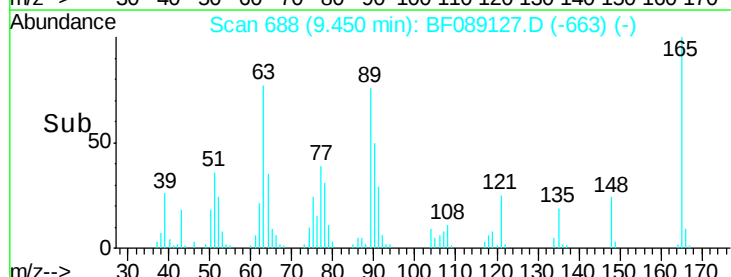
89 76.0 32.2 48.2#

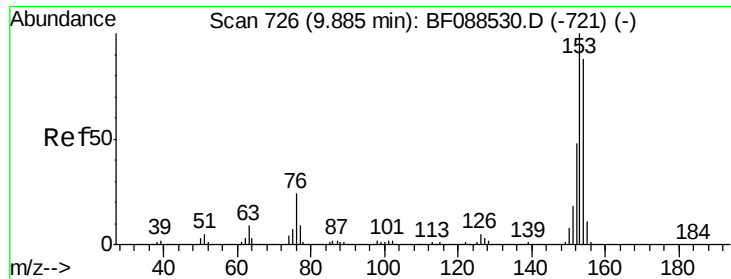


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.89 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

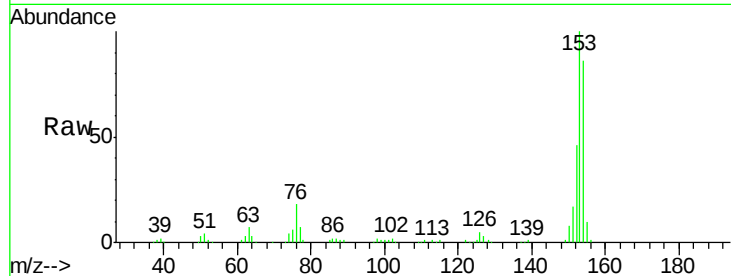
Tgt Ion:154 Resp: 211148

Ion Ratio Lower Upper

154 100

153 115.9 89.5 134.3

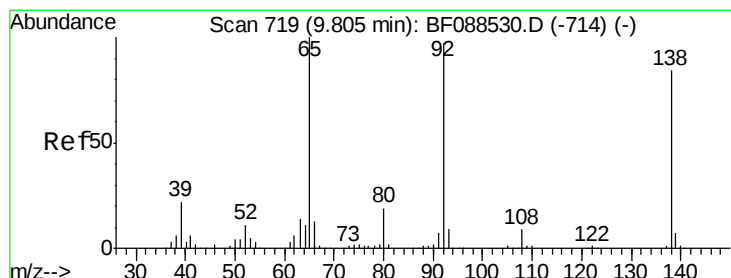
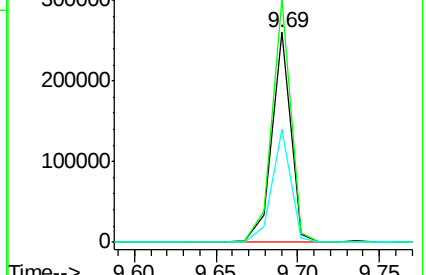
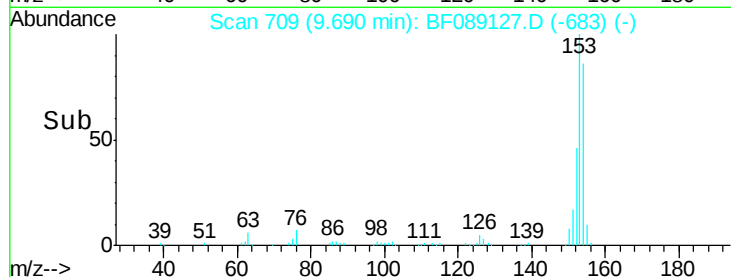
152 53.7 42.7 64.1



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: 44.98 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

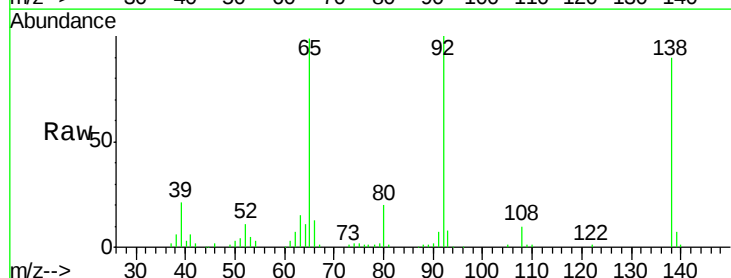
Tgt Ion:138 Resp: 73529

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

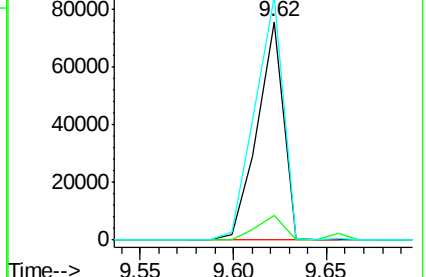
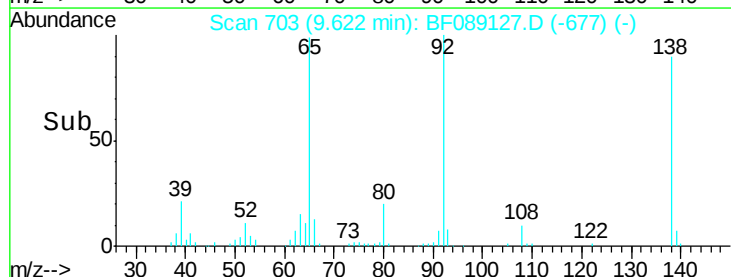
92 111.5 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

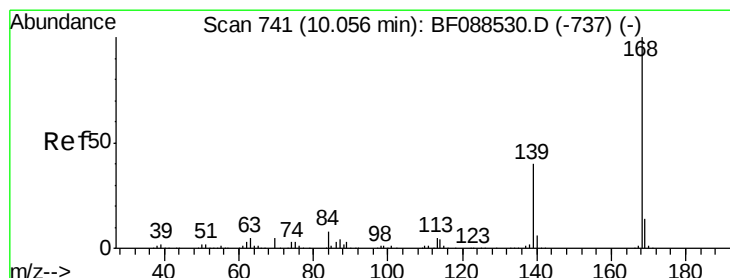
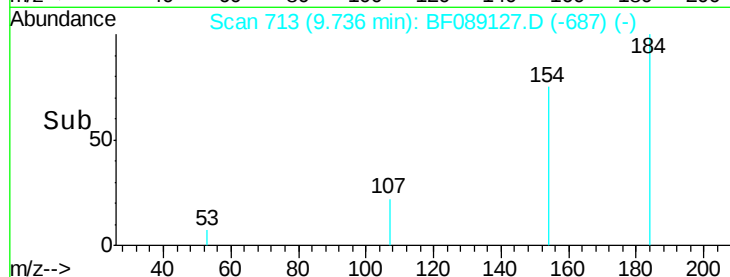
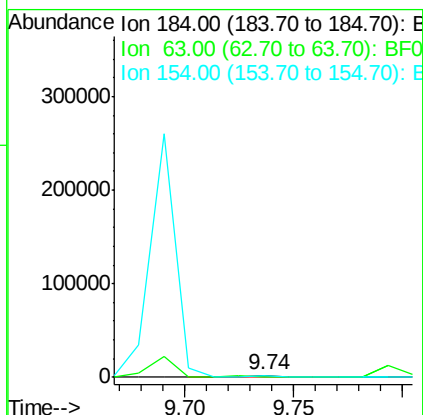
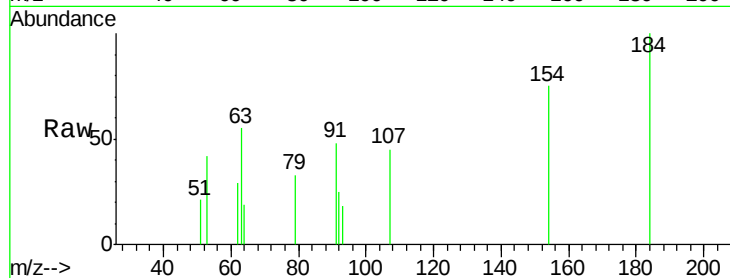




#53
2,4-Dinitrophenol
Concen: 4.26 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

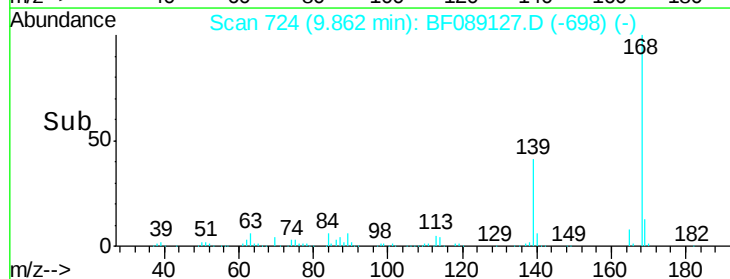
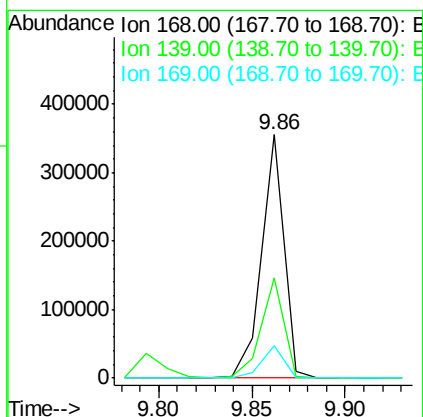
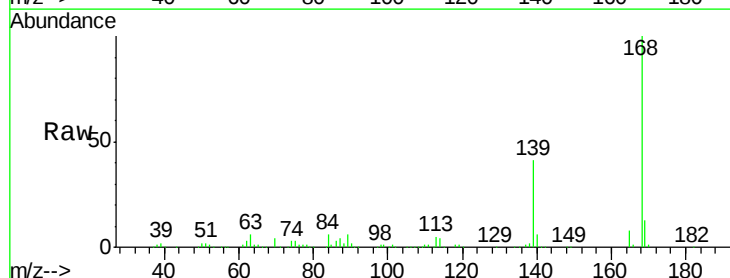
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 2421
Ion Ratio Lower Upper
184 100
63 54.6 57.6 86.4#
154 75.2 53.5 80.3



#54
Dibenzofuran
Concen: 43.27 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion:168 Resp: 292439
Ion Ratio Lower Upper
168 100
139 41.4 26.4 39.6#
169 13.2 10.4 15.6





#55

4-Nitrophenol

Concen: 29.43 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

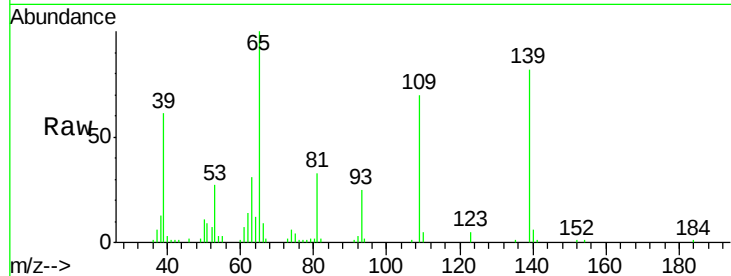
Tgt Ion:139 Resp: 36565

Ion Ratio Lower Upper

139 100

109 85.0 48.9 88.9

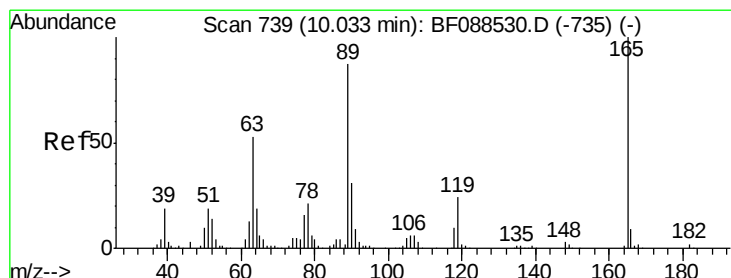
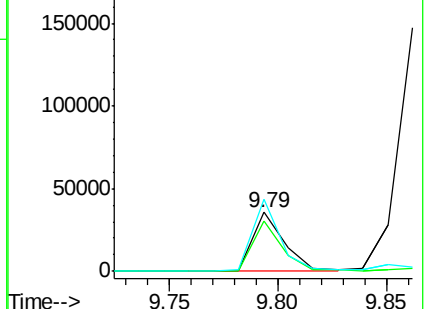
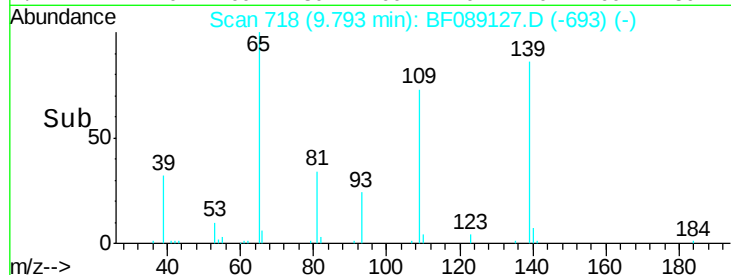
65 121.6 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.51 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Tgt Ion:165 Resp: 59713

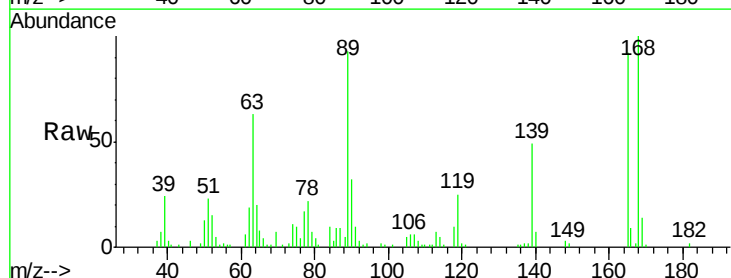
Ion Ratio Lower Upper

165 100

63 69.3 22.0 33.0#

89 101.6 41.1 61.7#

182 2.1 2.0 3.0

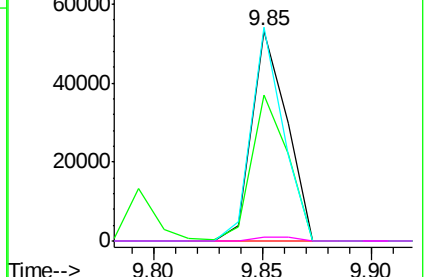
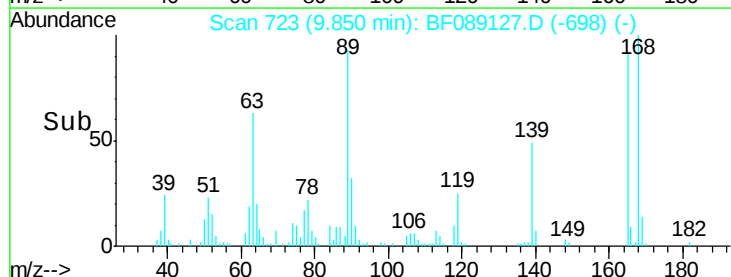


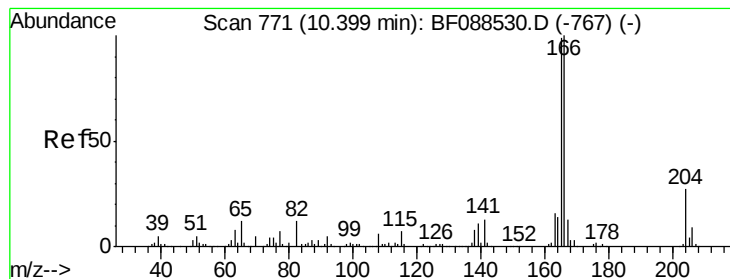
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.00 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

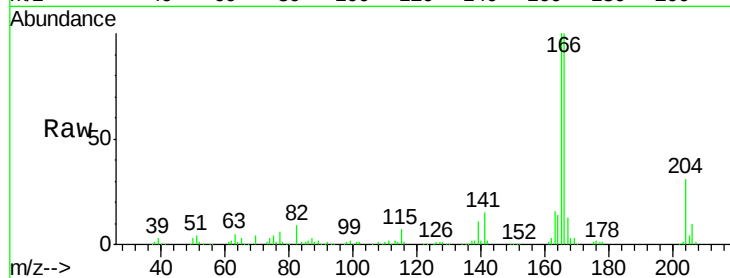
Tgt Ion:166 Resp: 244811

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

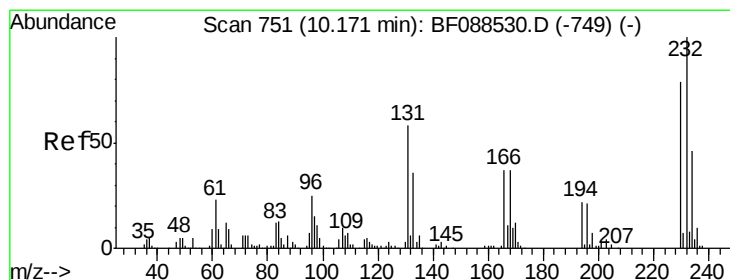
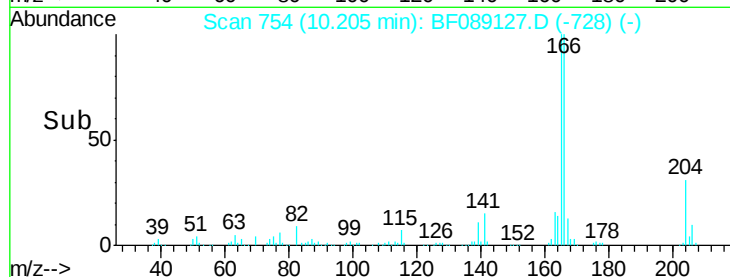
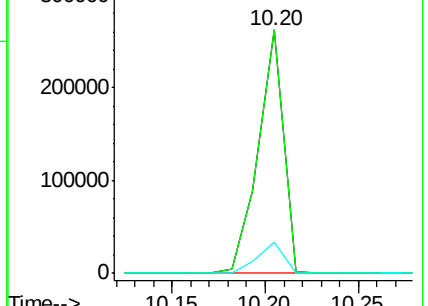
167 13.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.48 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Tgt Ion:232 Resp: 44555

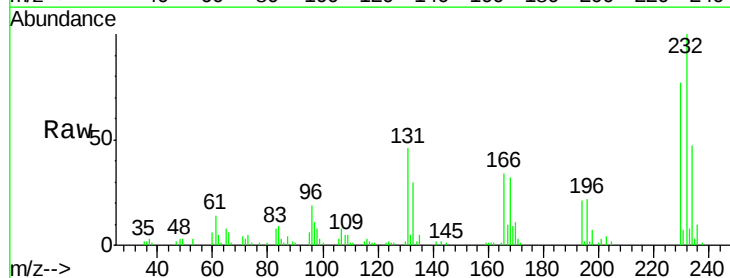
Ion Ratio Lower Upper

232 100

131 53.6 0.9 1.3#

130 2.6 1.5 2.3#

166 35.4 0.5 0.7#

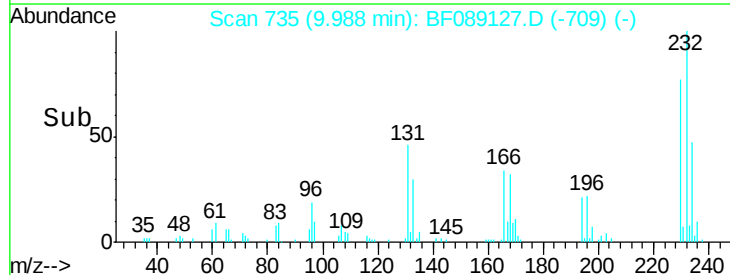
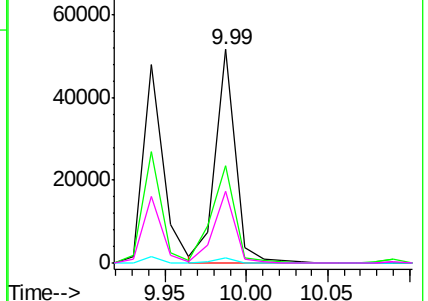


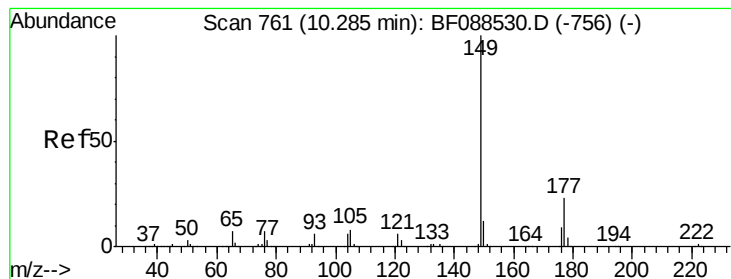
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.90 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

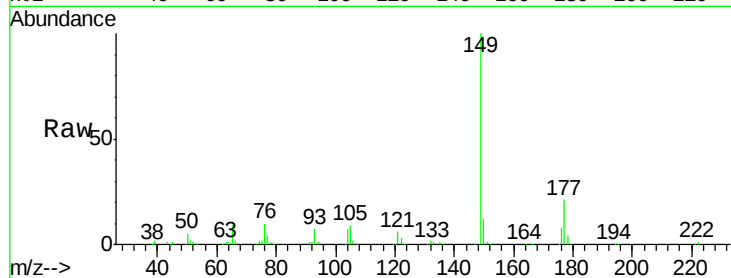
Tgt Ion:149 Resp: 267263

Ion Ratio Lower Upper

149 100

177 20.6 16.9 25.3

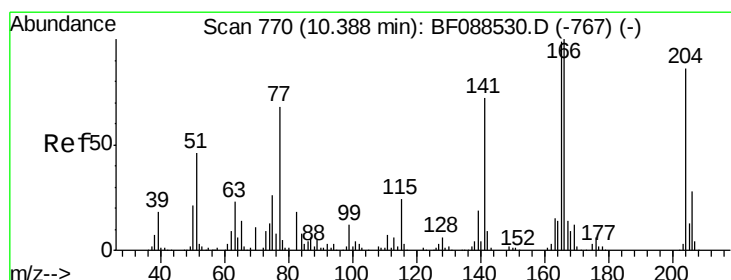
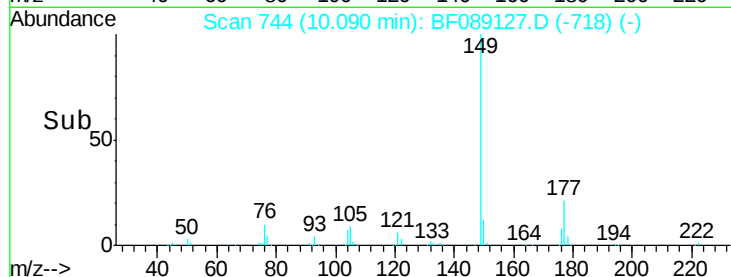
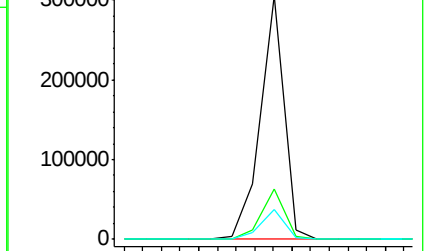
150 12.2 10.1 15.1



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: 41.60 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

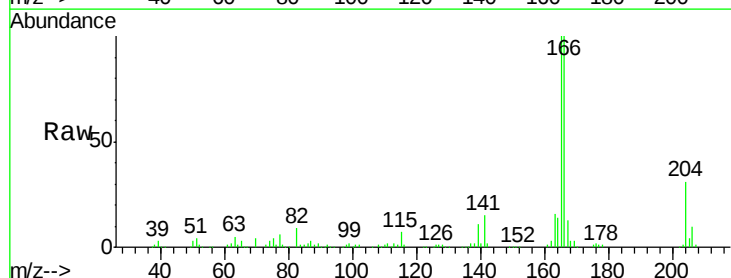
Tgt Ion:204 Resp: 100684

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

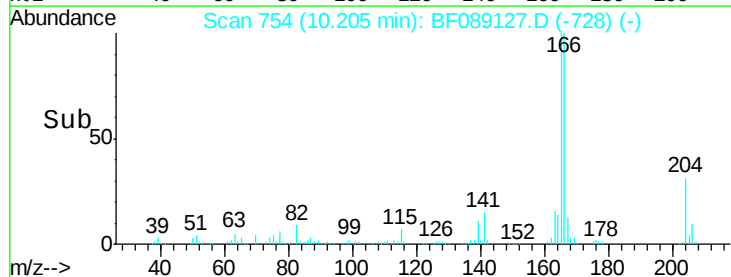
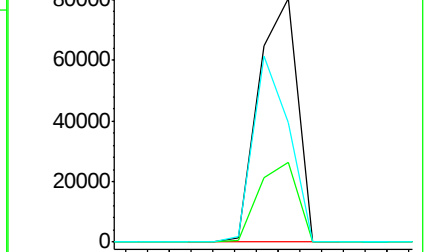
141 48.9 55.0 82.6#

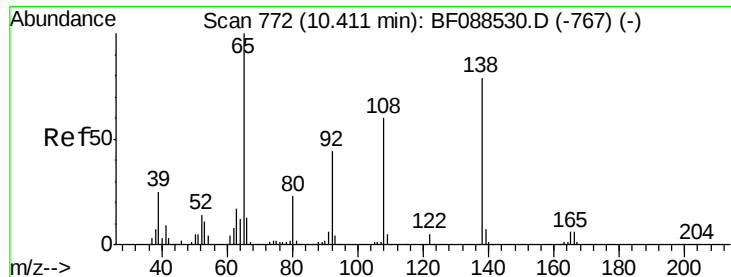


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

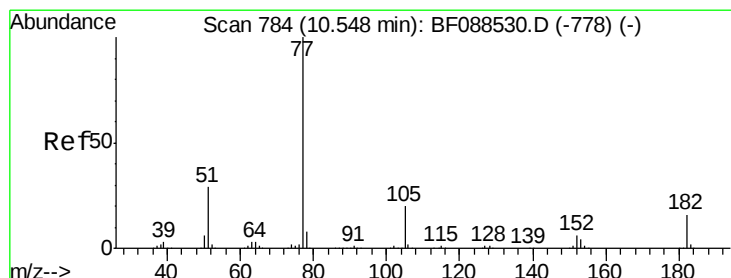
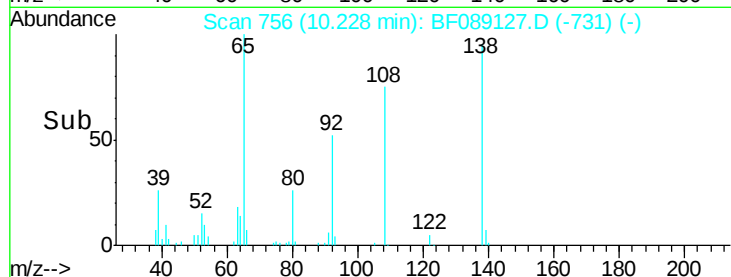
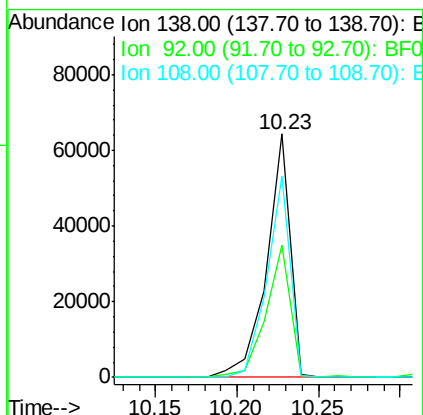
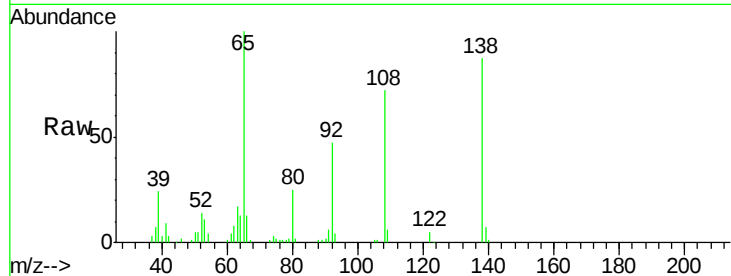




#61
4-Nitroaniline
Concen: 41.17 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

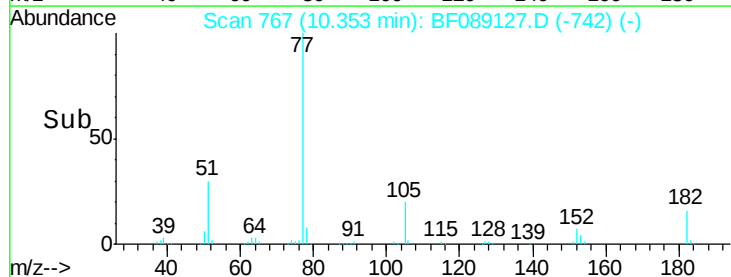
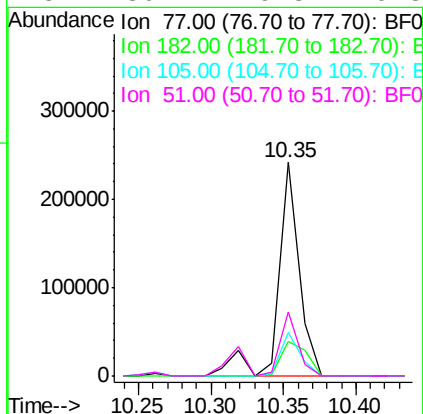
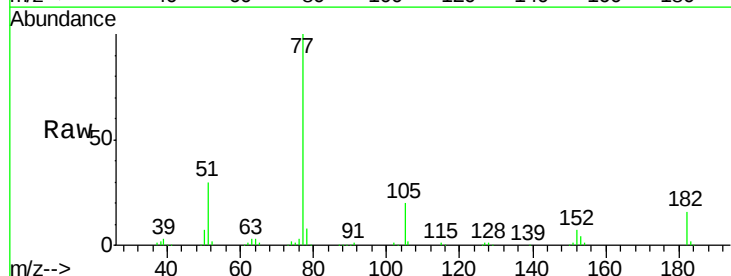
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

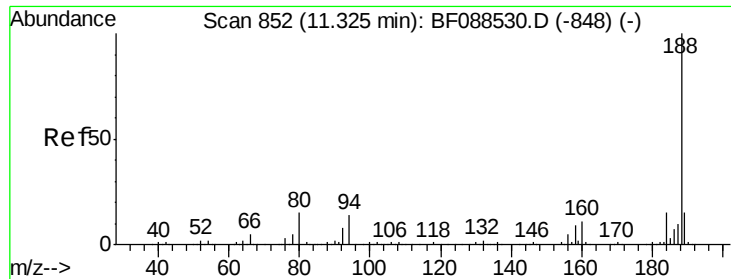
Tgt Ion: 138 Resp: 64762
Ion Ratio Lower Upper
138 100
92 54.4 27.3 67.3
108 82.9 46.7 86.7



#62
Azobenzene
Concen: 36.55 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion: 77 Resp: 242782
Ion Ratio Lower Upper
77 100
182 16.5 4.4 44.4
105 20.4 3.8 43.8
51 30.2 9.3 49.3

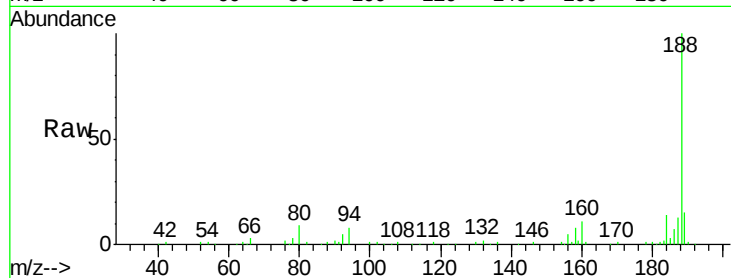




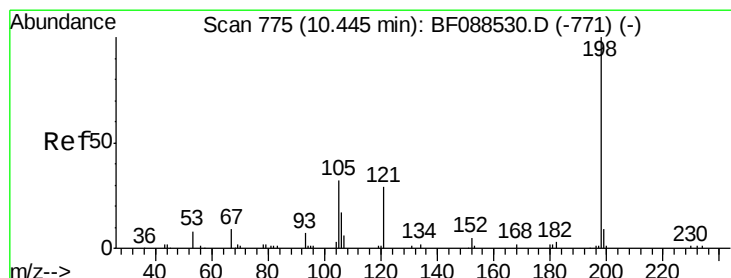
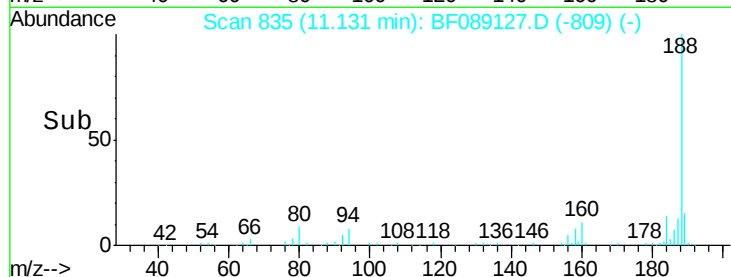
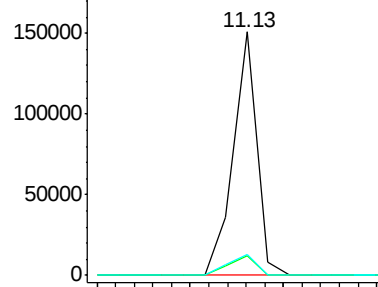
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 133917
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.6#
80 8.7 10.0 15.0#

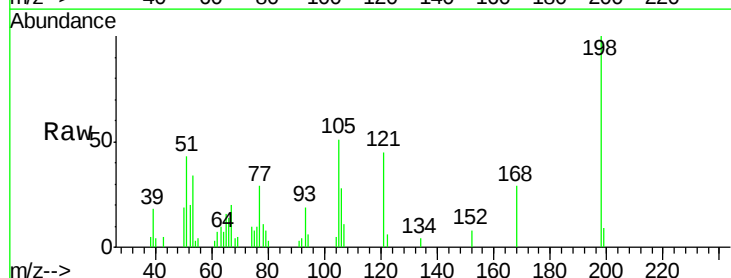


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

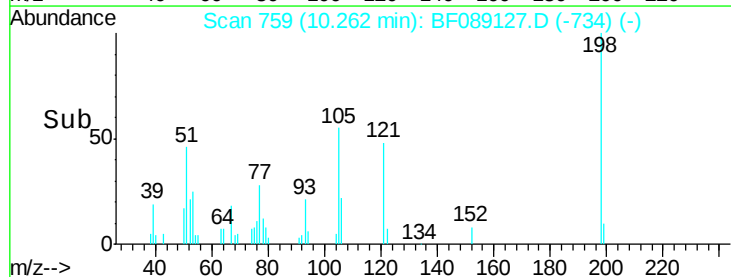
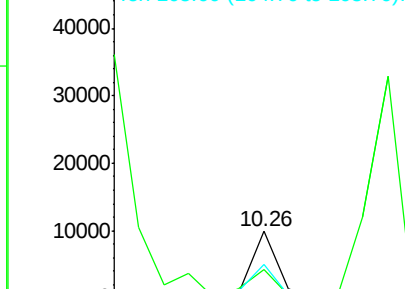


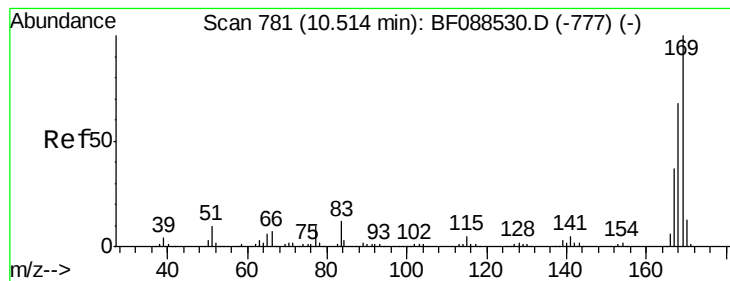
#64
4,6-Dinitro-2-methylphenol
Concen: 11.42 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion:198 Resp: 8179
Ion Ratio Lower Upper
198 100
51 42.6 39.6 79.6
105 51.0 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

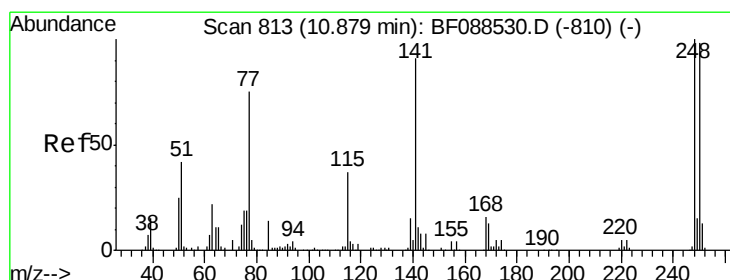
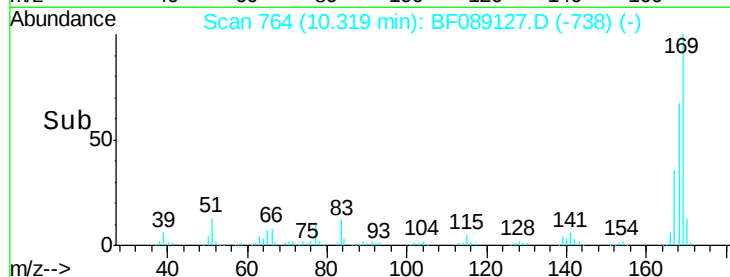
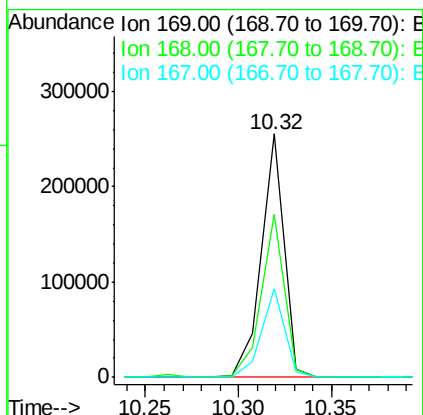
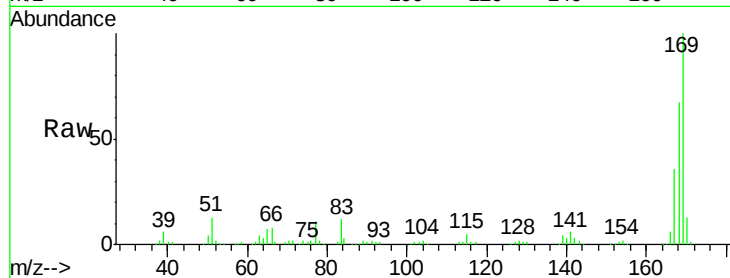




#65
 n-Nitrosodiphenylamine
 Concen: 47.34 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

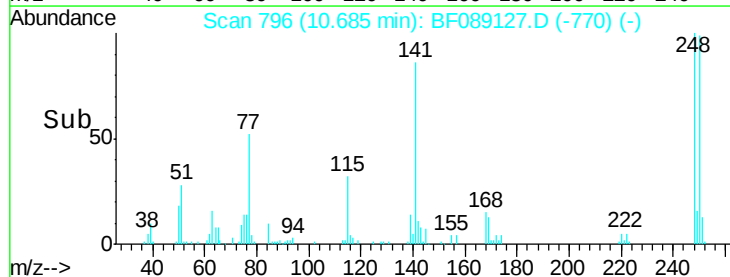
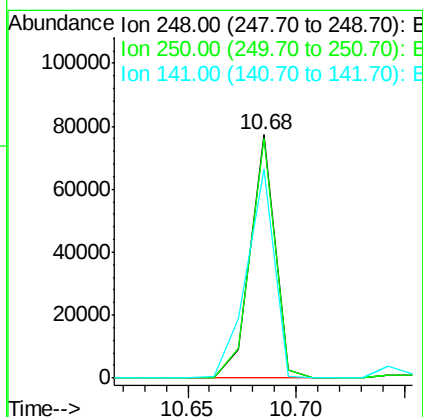
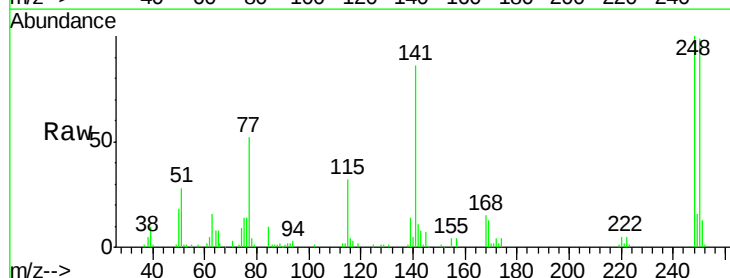
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

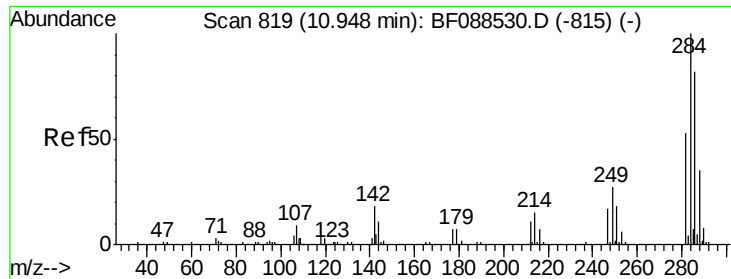
Tgt Ion:169 Resp: 214575
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.0
 167 36.4 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 45.26 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:248 Resp: 61083
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.1 115.7
 141 85.8 50.6 76.0#

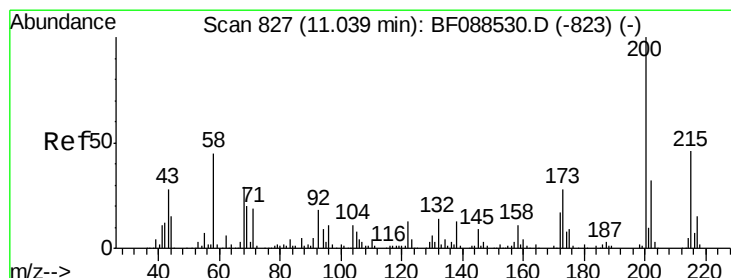
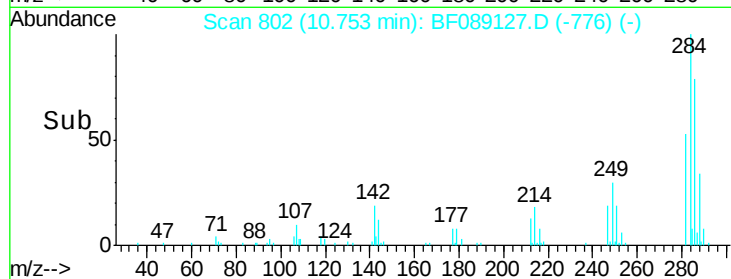
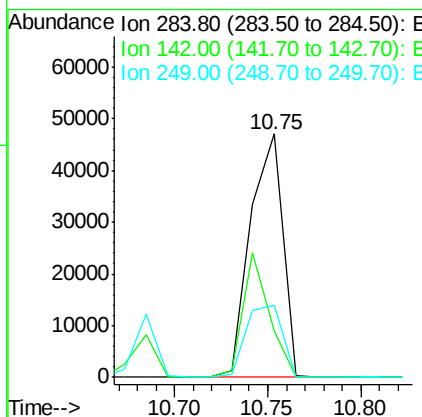
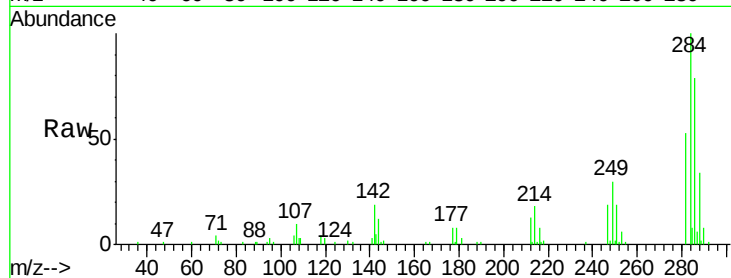




#67
Hexachlorobenzene
Concen: 37.74 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

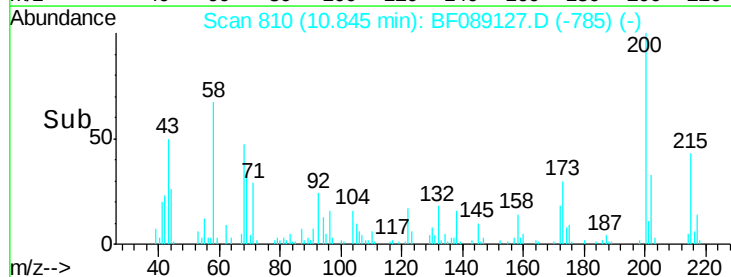
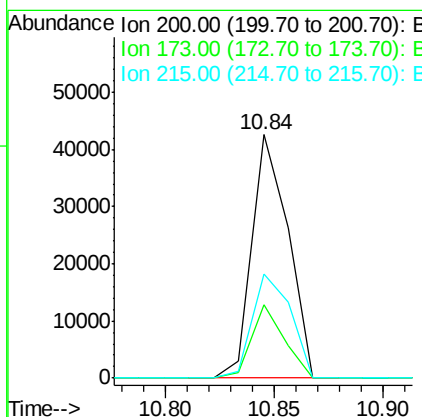
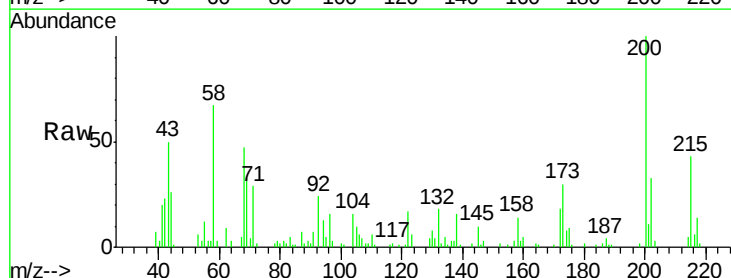
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 56375
Ion Ratio Lower Upper
284 100
142 19.3 35.8 53.8#
249 29.8 25.8 38.6



#68
Atrazine
Concen: 34.92 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion:200 Resp: 49319
Ion Ratio Lower Upper
200 100
173 29.9 4.0 44.0
215 43.0 29.3 69.3





#69

Pentachlorophenol

Concen: 28.63 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

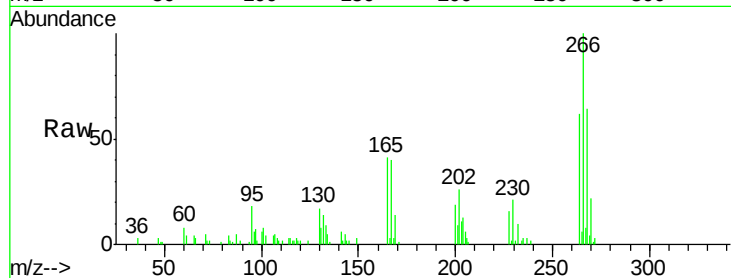
Tgt Ion:266 Resp: 25313

Ion Ratio Lower Upper

266 100

268 63.5 52.8 79.2

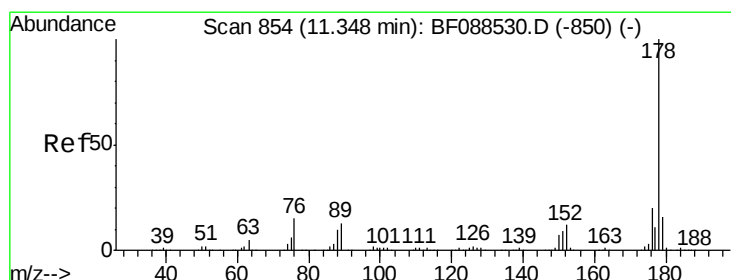
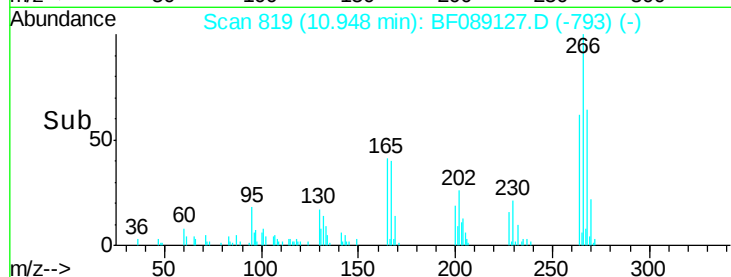
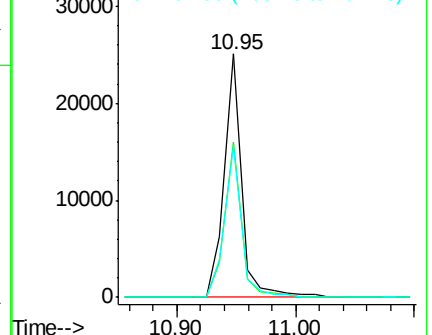
264 62.0 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.23 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

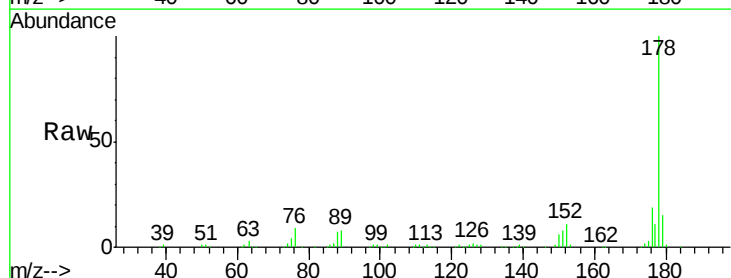
Tgt Ion:178 Resp: 294540

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

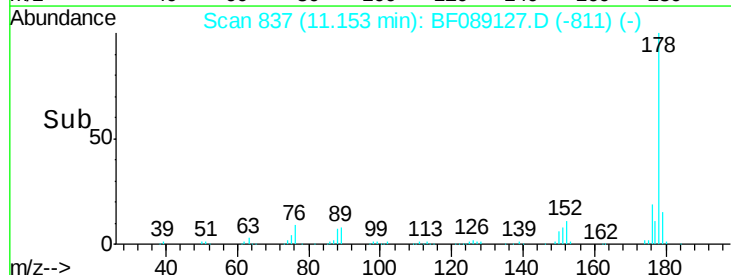
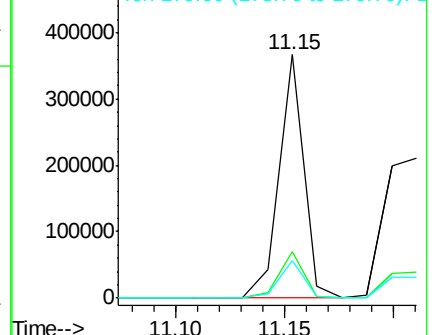
179 15.4 13.0 19.4

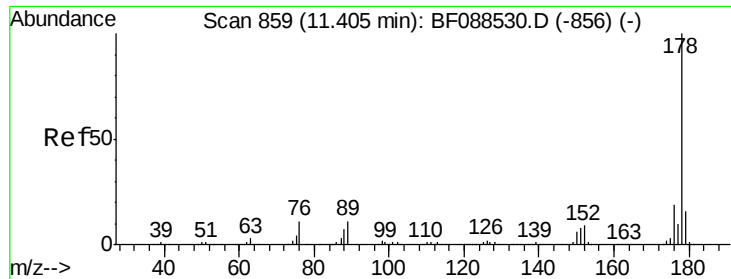


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

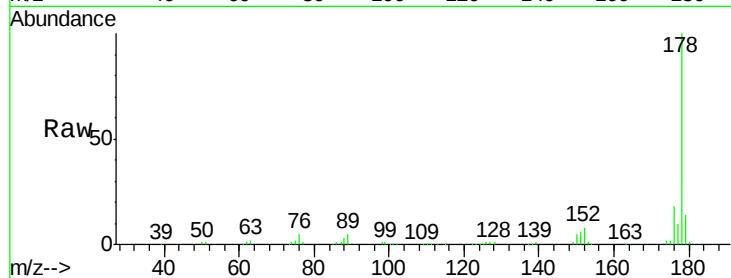




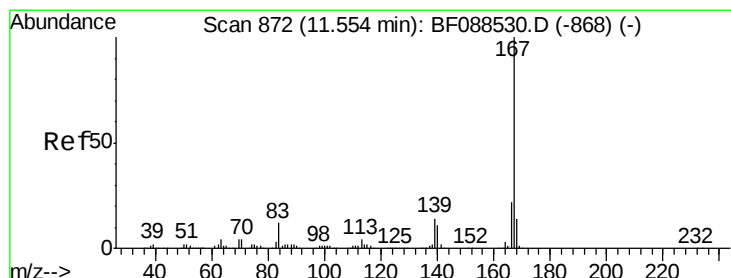
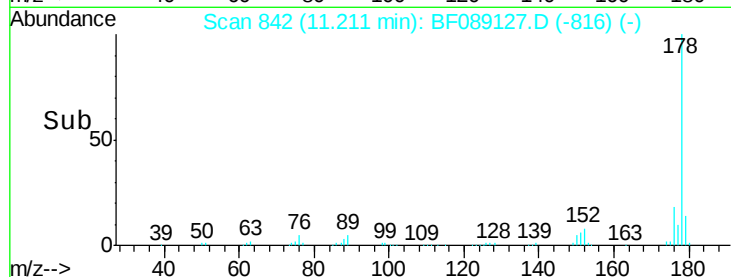
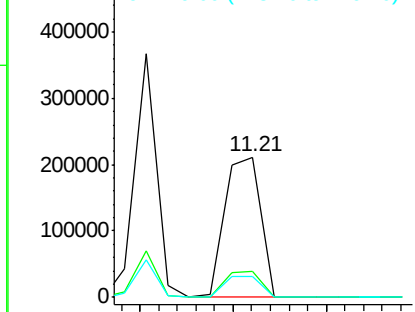
#71
 Anthracene
 Concen: 39.33 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 286306
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.6 23.4
 179 14.5 12.8 19.2

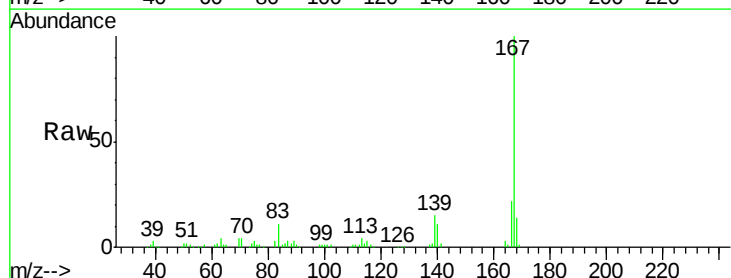


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

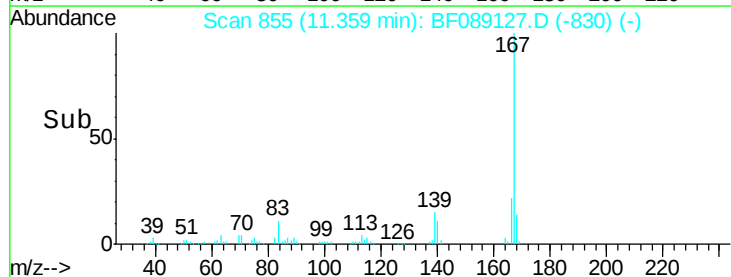
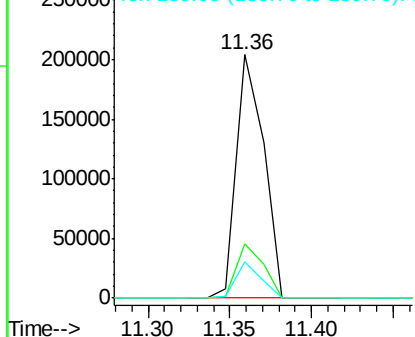


#72
 Carbazole
 Concen: 34.40 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:167 Resp: 235679
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.42 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

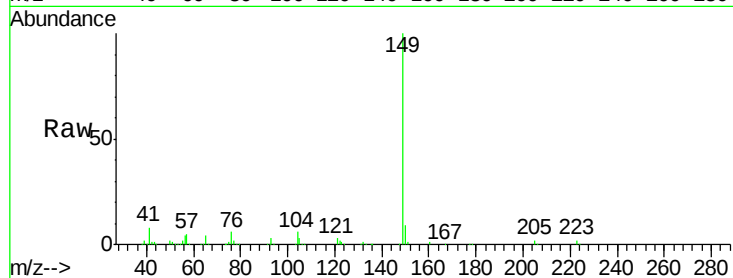
Tgt Ion:149 Resp: 338031

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

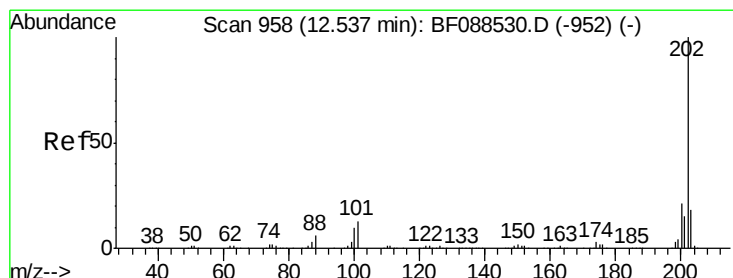
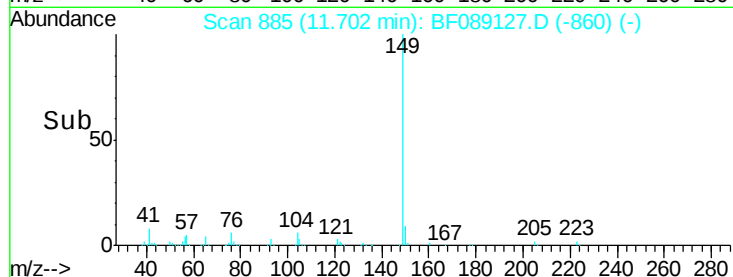
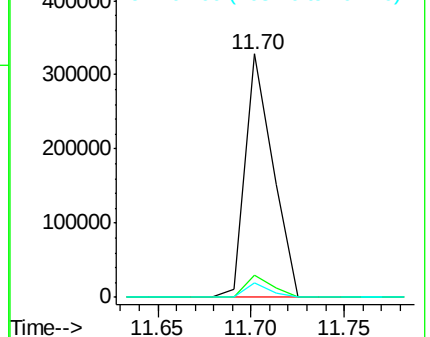
104 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.78 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

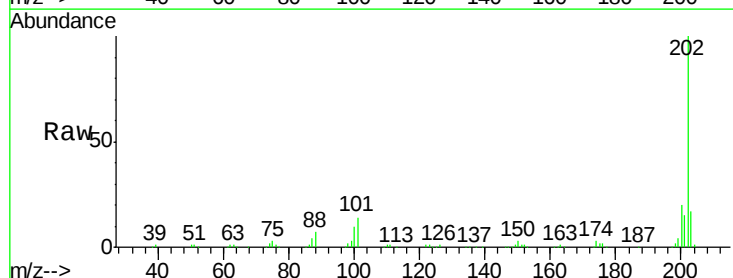
Tgt Ion:202 Resp: 250702

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.1

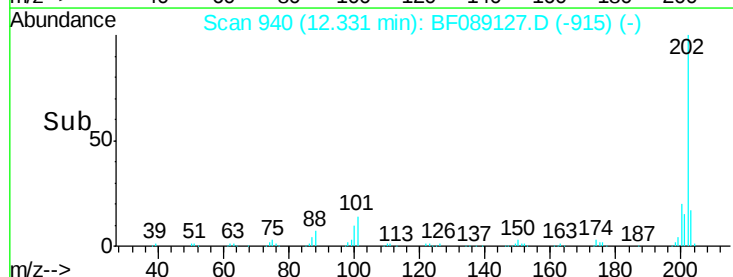
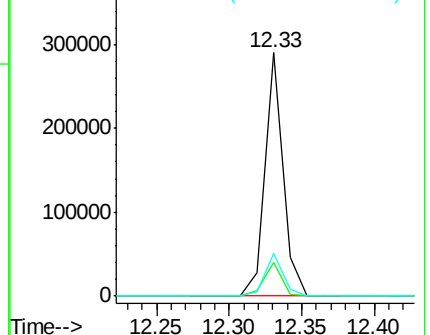
203 17.4 0.0 38.1



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

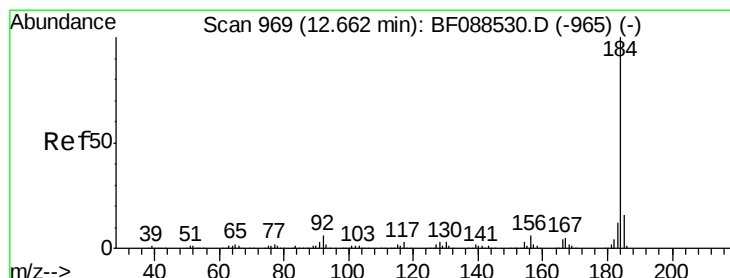
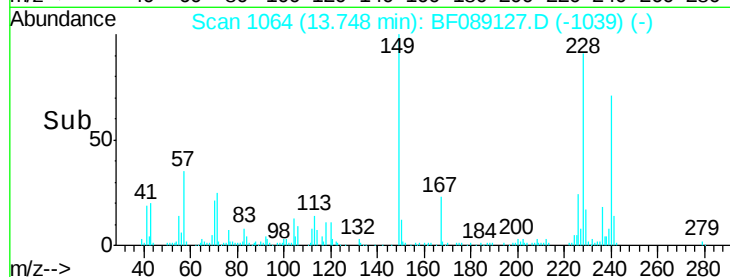
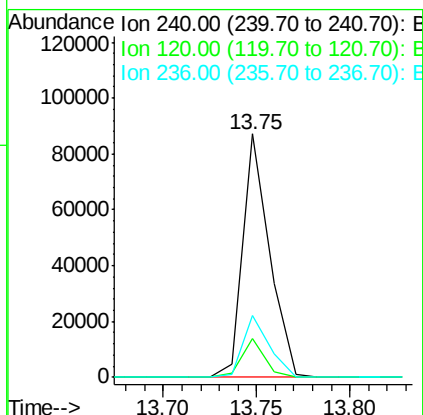
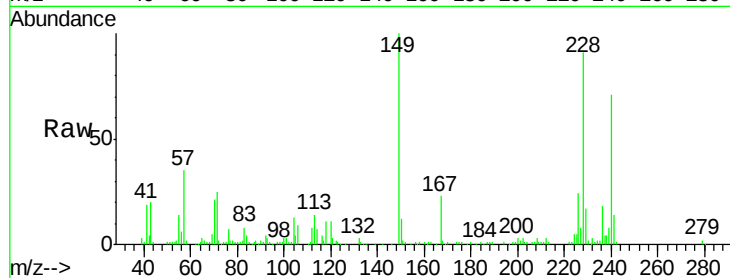
Tgt Ion:240 Resp: 86550

Ion Ratio Lower Upper

240 100

120 16.1 6.8 10.2#

236 25.3 20.2 30.2



#76

Benzidine

Concen: 51.15 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

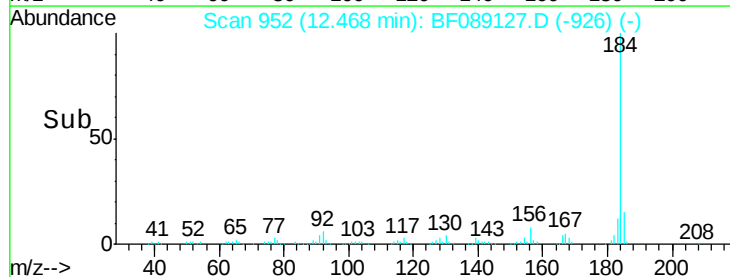
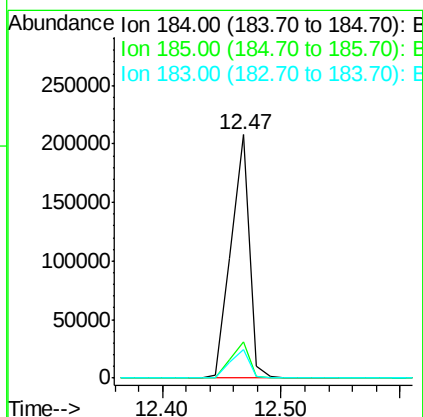
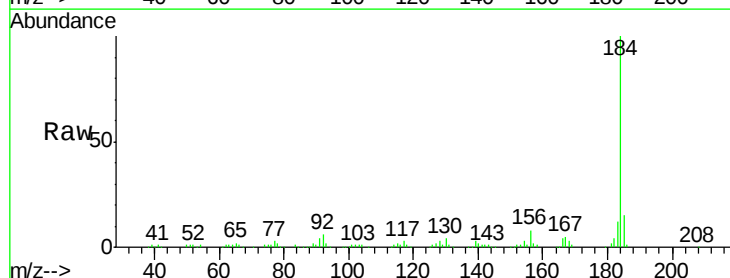
Tgt Ion:184 Resp: 223763

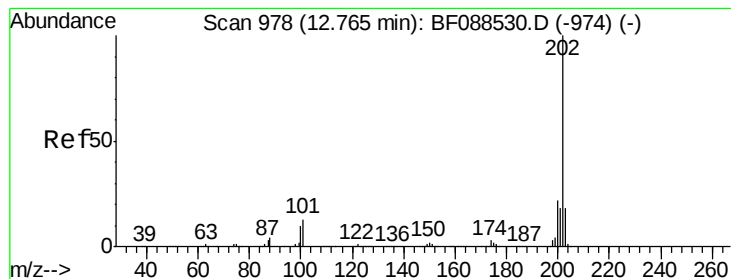
Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

183 12.0 9.3 13.9





#77

Pyrene

Concen: 38.34 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

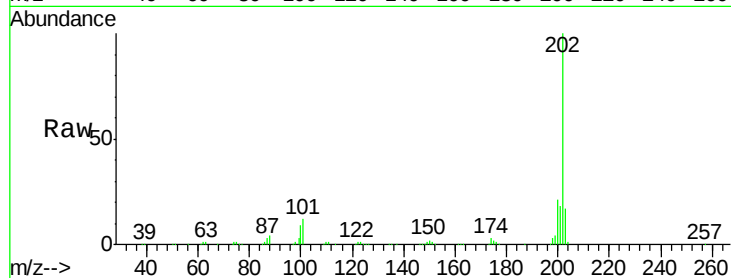
Tgt Ion:202 Resp: 281338

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

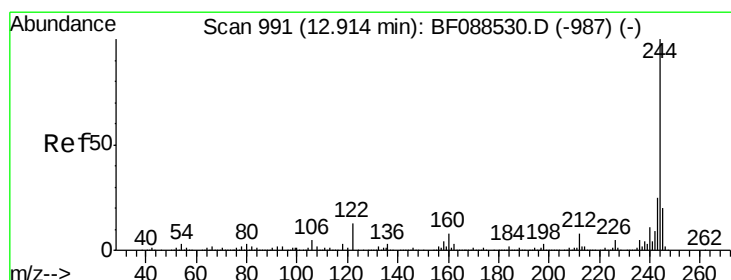
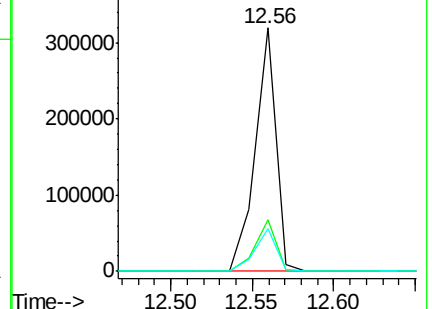
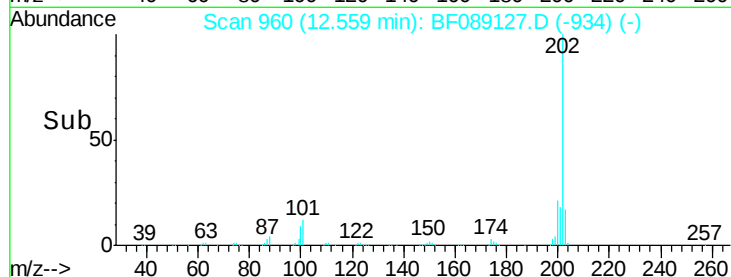
203 17.3 14.5 21.7



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: 72.40 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

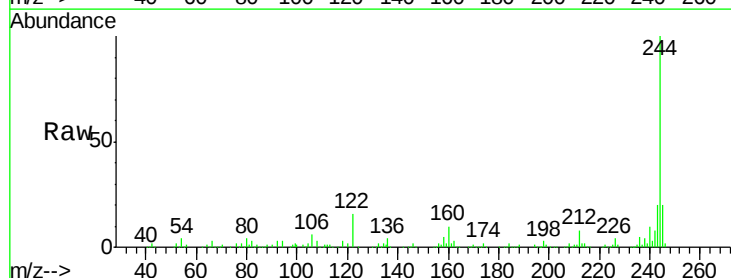
Tgt Ion:244 Resp: 281341

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

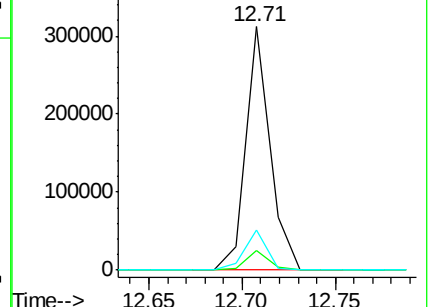
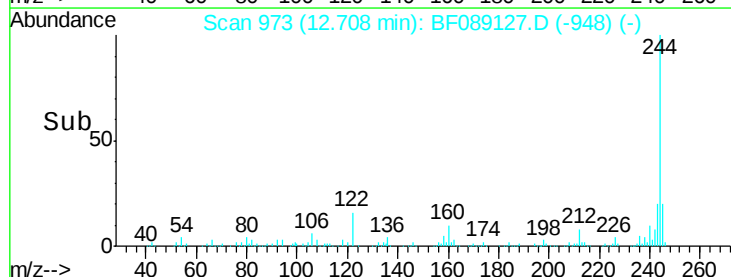
122 16.2 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

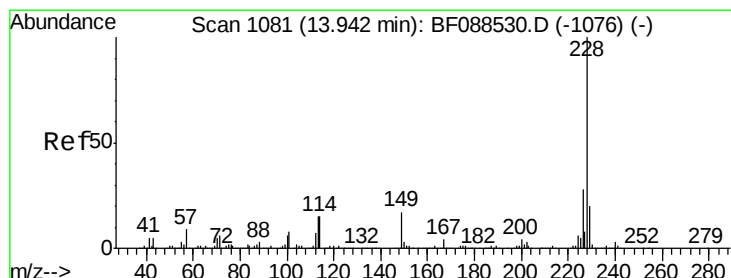
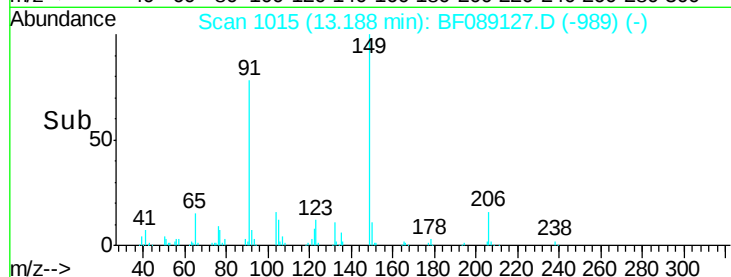
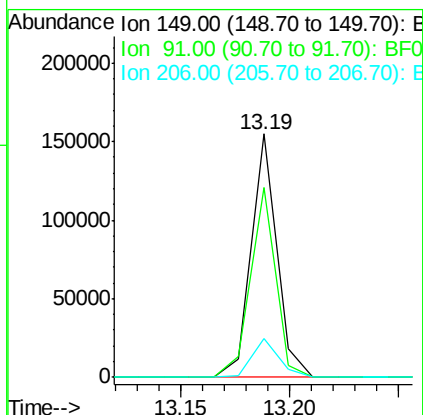
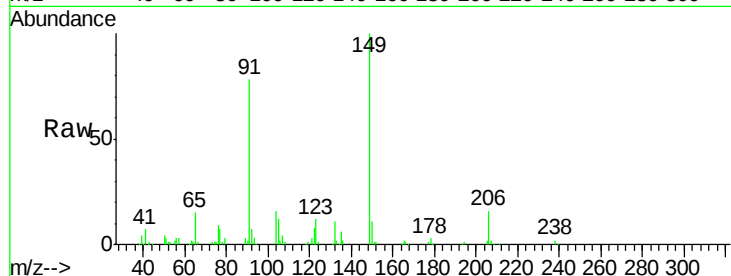




#79
Butylbenzylphthalate
Concen: 38.66 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

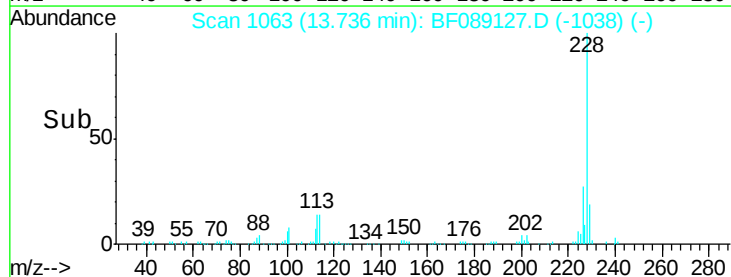
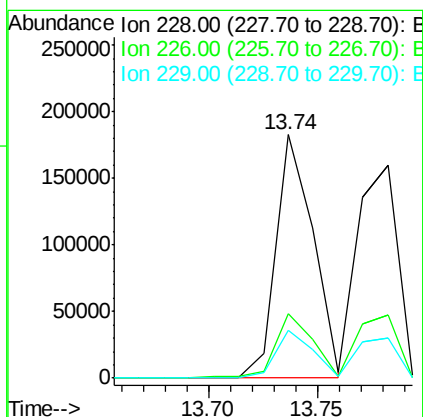
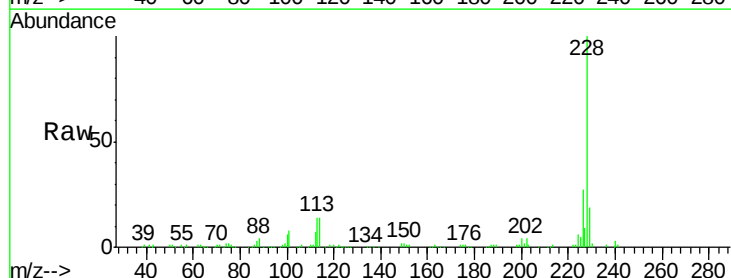
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

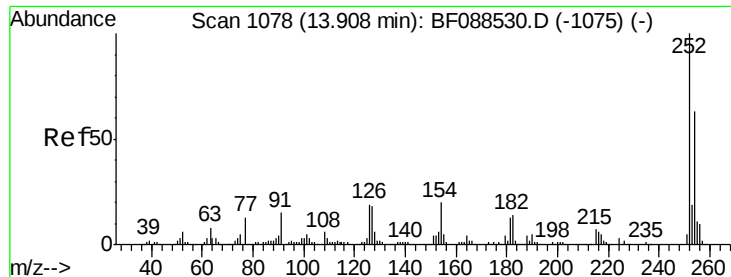
Tgt Ion:149 Resp: 126544
Ion Ratio Lower Upper
149 100
91 77.8 48.0 72.0#
206 16.2 16.0 24.0



#80
Benzo(a)anthracene
Concen: 39.19 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion:228 Resp: 218417
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 19.4 16.0 24.0

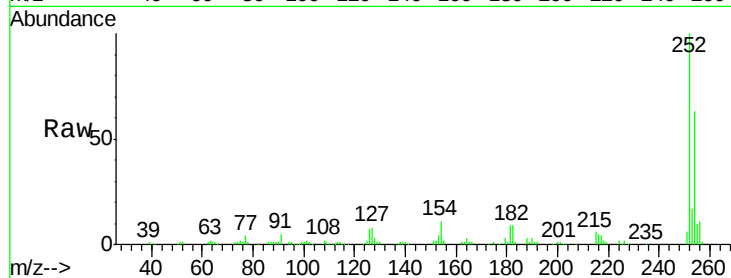




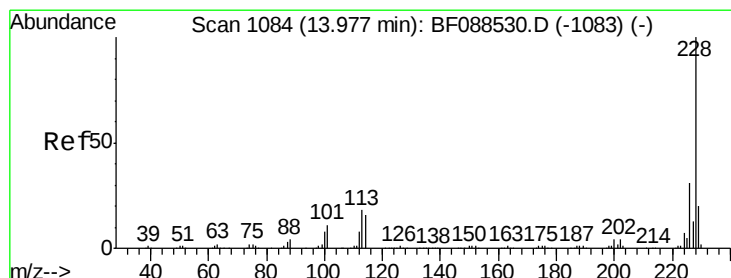
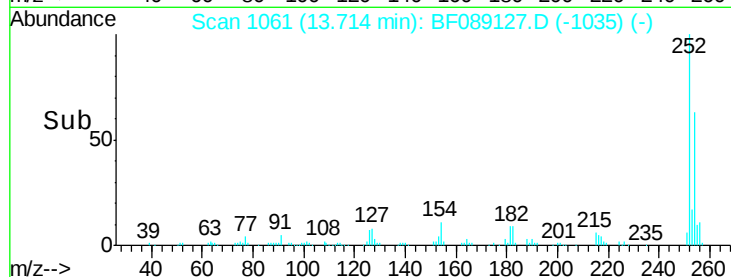
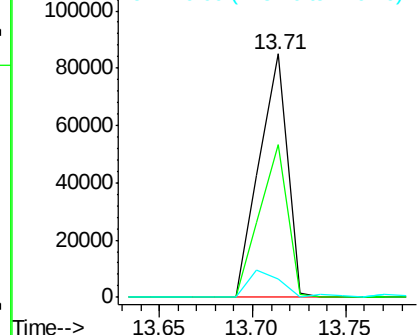
#81
 3,3'-Dichlorobenzidine
 Concen: 42.33 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:252 Resp: 88693
 Ion Ratio Lower Upper
 252 100
 254 62.8 52.6 78.8
 126 7.5 6.2 9.2

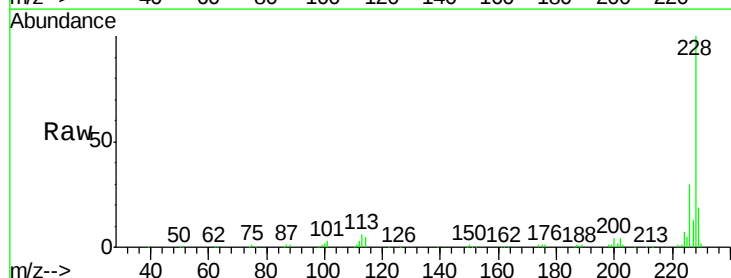


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

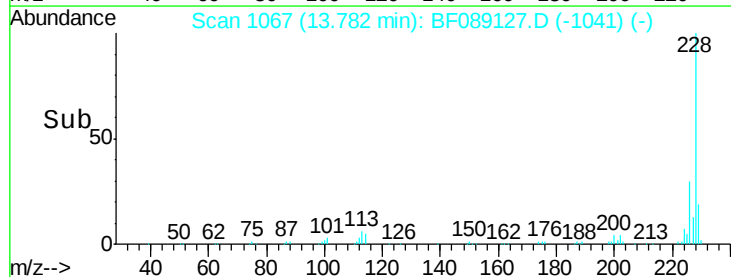
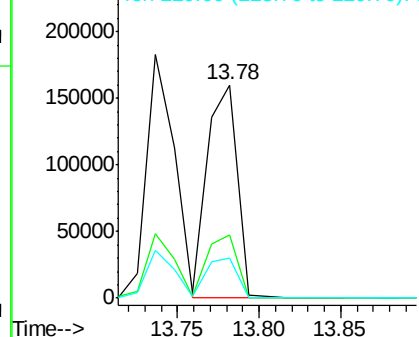


#82
 Chrysene
 Concen: 37.35 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:228 Resp: 205938
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 18.9 16.3 24.5



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

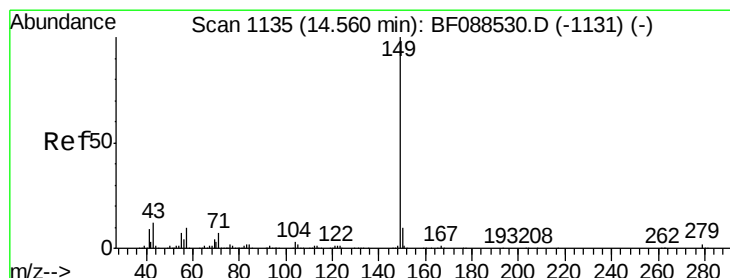
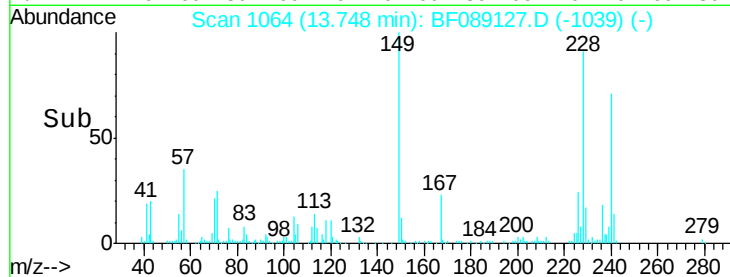
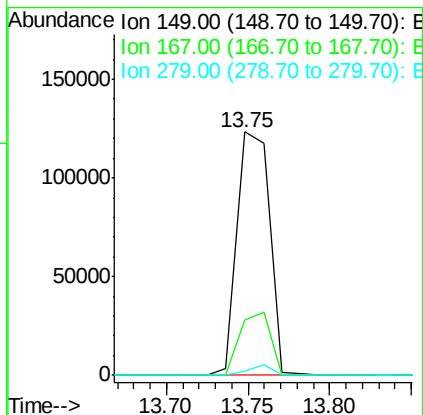
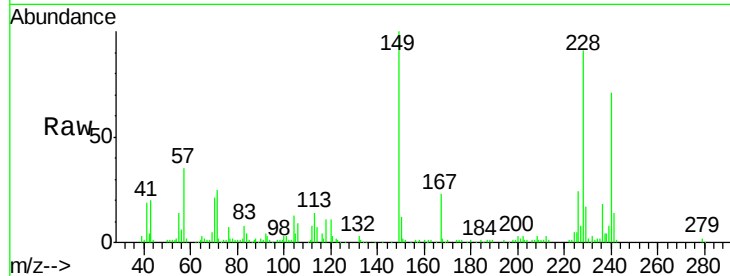




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.25 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

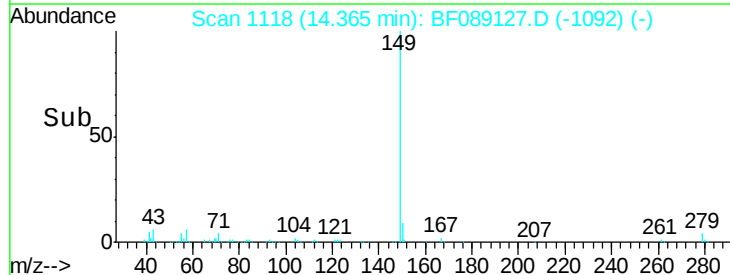
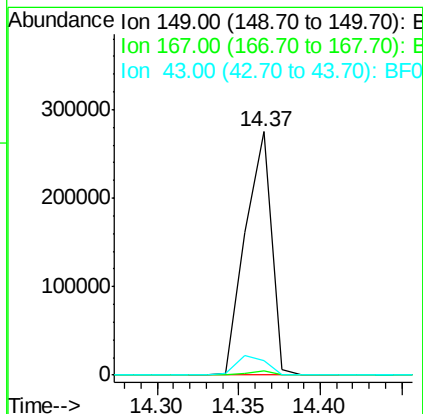
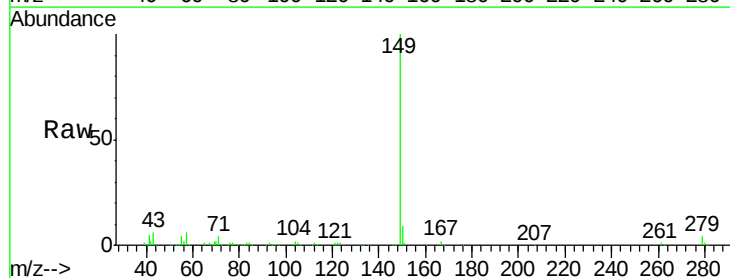
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

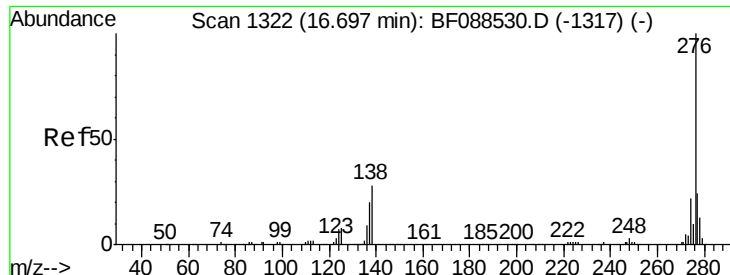
Tgt Ion:149 Resp: 169092
 Ion Ratio Lower Upper
 149 100
 167 23.0 20.5 30.7
 279 1.5 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 48.11 ng
 RT: 14.37 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion:149 Resp: 305445
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 9.8 0.0 0.0#

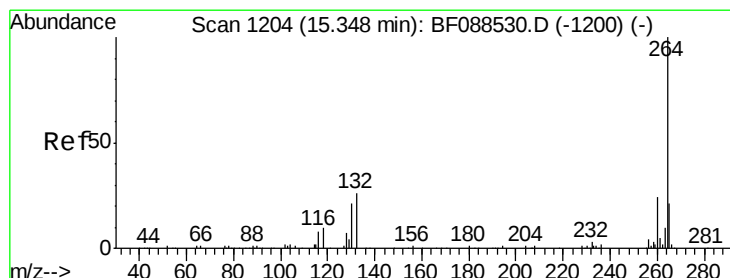
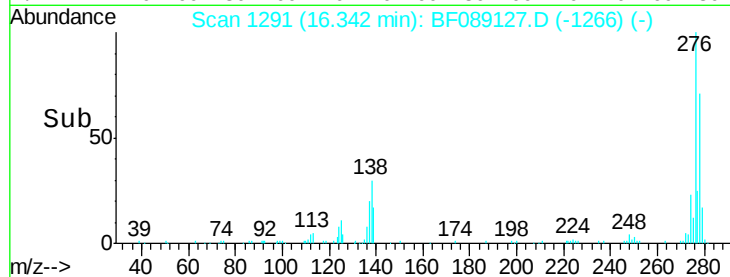
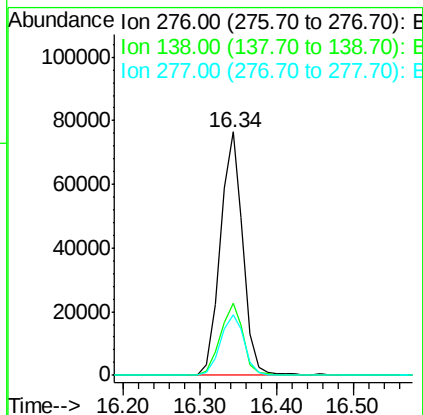
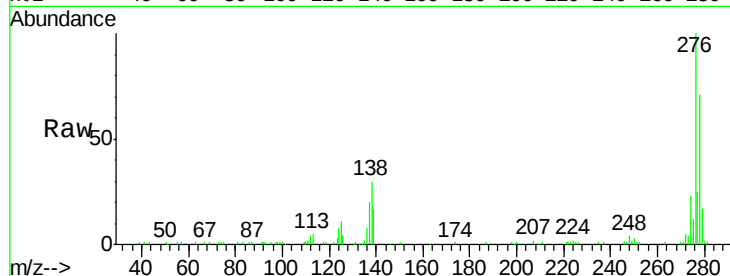




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.21 ng
 RT: 16.34 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

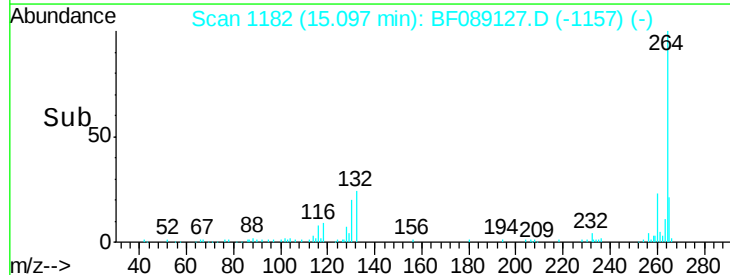
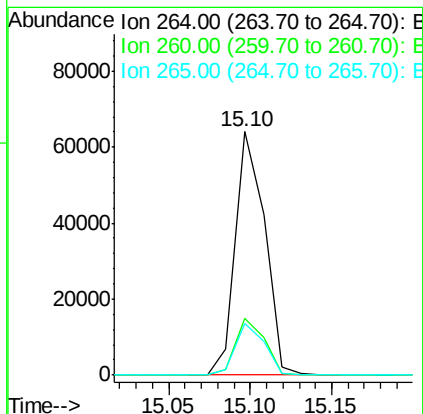
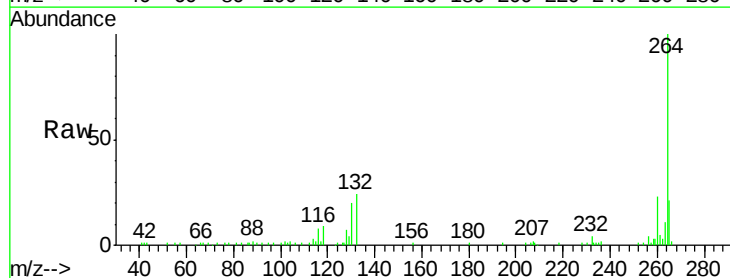
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 157857
 Ion Ratio Lower Upper
 276 100
 138 29.9 0.0 0.0#
 277 25.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF089127.D
 Acq: 19 Jul 2016 19:40

Tgt Ion: 264 Resp: 79288
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.1 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 51.10 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

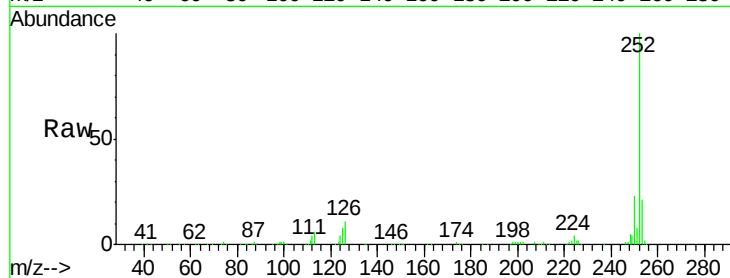
Tgt Ion:252 Resp: 254168

Ion Ratio Lower Upper

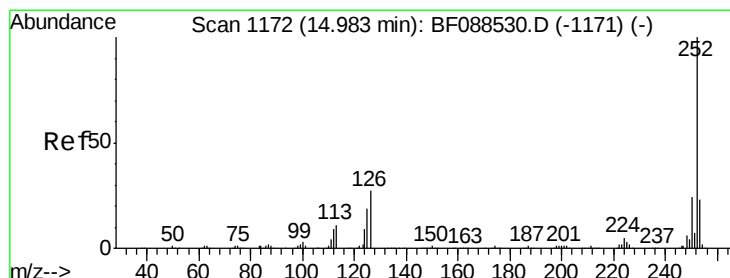
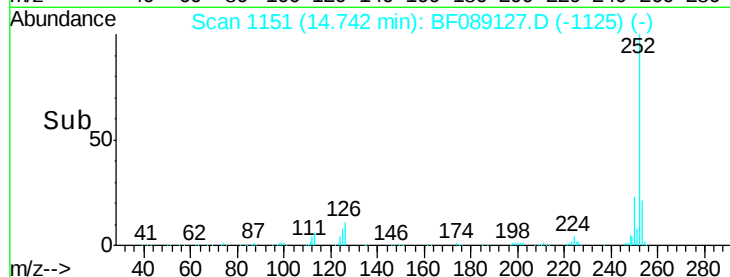
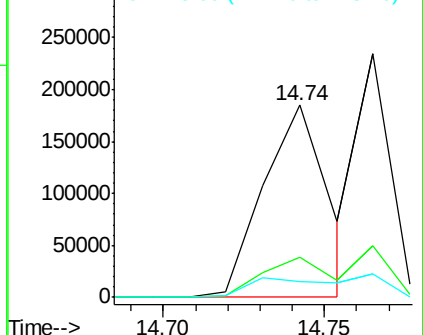
252 100

253 21.2 17.4 26.2

125 8.2 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.69 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF089127.D

Acq: 19 Jul 2016 19:40

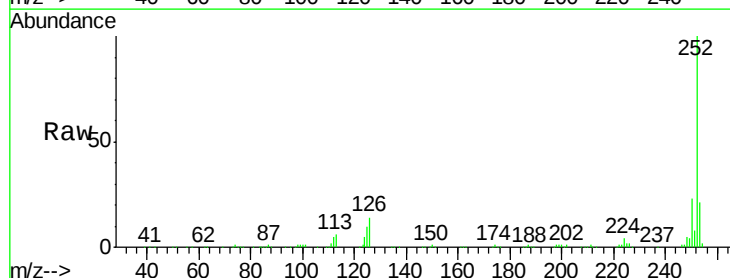
Tgt Ion:252 Resp: 171854

Ion Ratio Lower Upper

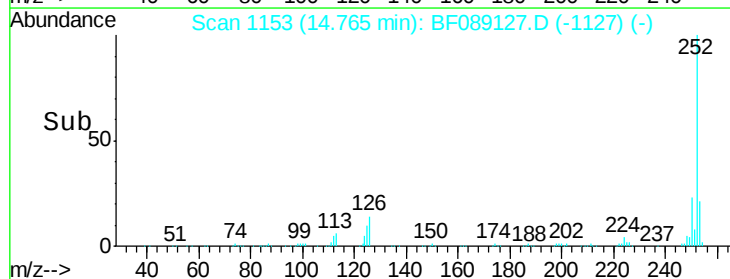
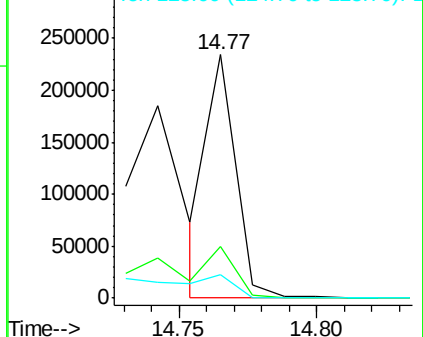
252 100

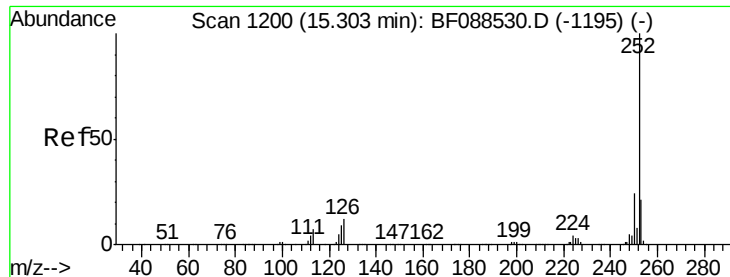
253 21.3 18.0 27.0

125 9.8 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

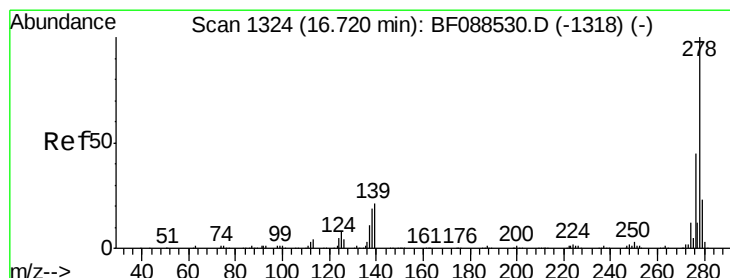
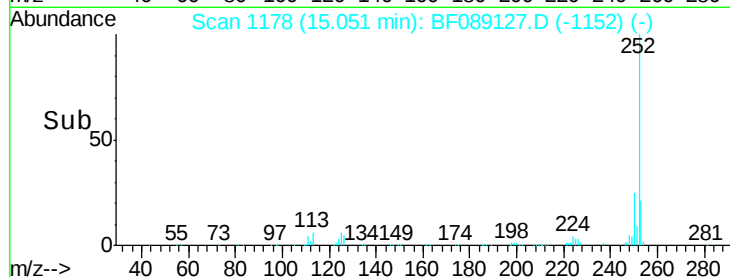
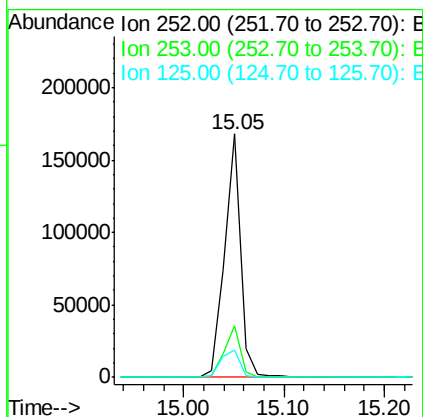
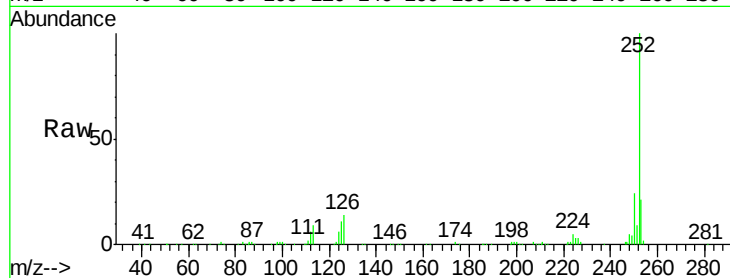




#89
Benzo(a)pyrene
Concen: 44.20 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

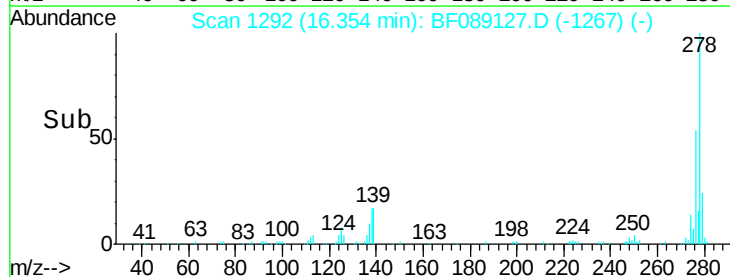
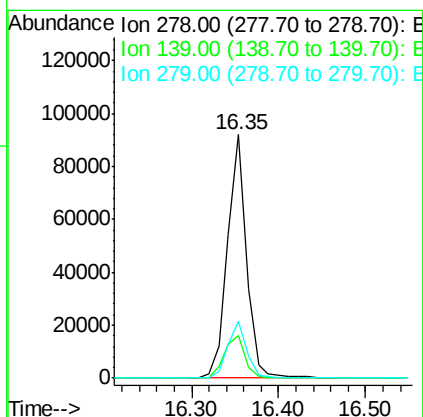
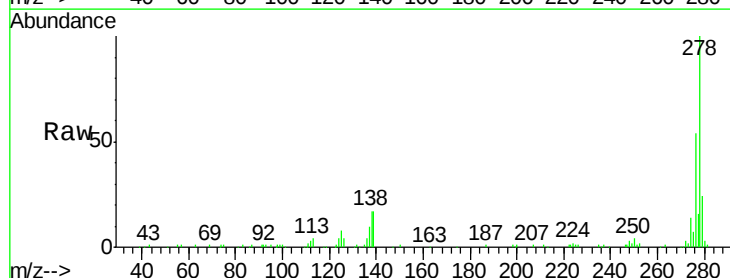
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 252 Resp: 186130
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.5 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 39.62 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF089127.D
Acq: 19 Jul 2016 19:40

Tgt Ion: 278 Resp: 139341
Ion Ratio Lower Upper
278 100
139 17.4 15.7 23.5
279 23.5 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 35.61 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF089127.D

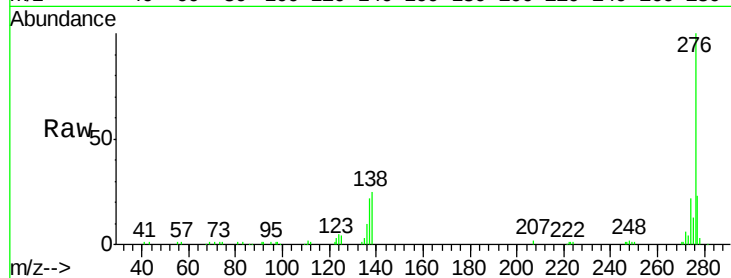
Acq: 19 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:	276	Resp:	129567
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.9	28.3
138	25.1	21.4	32.2

