

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083828.D
 Acq On : 15 Dec 2015 22:07
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 16 04:57:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96311	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	363410	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	141848	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	243751	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	201152	20.00	ng	-0.01
86) Perylene-d12	15.51	264	149345	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	469502	78.64	ng	-0.02
7) Phenol-d6	6.54	99	624030	82.54	ng	0.00
23) Nitrobenzene-d5	7.47	82	526984	81.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	107488	74.37	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	814394	83.73	ng	-0.02
78) Terphenyl-d14	13.01	244	762031	81.49	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	113909	39.46	ng	# 80
3) Pyridine	3.25	79	270478	37.24	ng	# 83
4) n-Nitrosodimethylamine	3.20	42	109292	39.77	ng	# 65
6) Aniline	6.57	93	406383	39.57	ng	# 83
8) 2-Chlorophenol	6.69	128	294424	41.97	ng	# 80
9) Benzaldehyde	6.44	77	160969	39.65	ng	96
10) Phenol	6.56	94	372774	42.84	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	241537	38.33	ng	93
12) 1,3-Dichlorobenzene	6.84	146	297838m	40.00	ng	
13) 1,4-Dichlorobenzene	6.92	146	310460	41.26	ng	99
14) 1,2-Dichlorobenzene	7.08	146	283906	41.99	ng	96
15) Benzyl Alcohol	7.05	79	233437	42.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	283981	34.71	ng	71
17) 2-Methylphenol	7.16	107	212502	37.67	ng	# 85
18) Hexachloroethane	7.42	117	85430	31.97	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	166945	36.06	ng	89
20) 3+4-Methylphenols	7.31	107	267298	40.14	ng	# 56
22) Acetophenone	7.31	105	355534	39.88	ng	# 94
24) Nitrobenzene	7.49	77	264116	39.07	ng	# 65
25) Isophorone	7.73	82	486738	38.19	ng	# 88
26) 2-Nitrophenol	7.80	139	122919	37.85	ng	87
27) 2,4-Dimethylphenol	7.85	122	256896	40.26	ng	97
28) bis(2-Chloroethoxy)methane	7.94	93	291387	40.07	ng	# 97
29) 2,4-Dichlorophenol	8.05	162	204751	39.08	ng	92
30) 1,2,4-Trichlorobenzene	8.13	180	217711	40.07	ng	95
31) Naphthalene	8.21	128	760424	40.14	ng	99
32) Benzoic acid	7.95	122	133503	33.57	ng	91
33) 4-Chloroaniline	8.26	127	314492	40.65	ng	# 89
34) Hexachlorobutadiene	8.34	225	130399	43.74	ng	97
35) Caprolactam	8.62	113	56257	33.44	ng	# 66
36) 4-Chloro-3-methylphenol	8.74	107	211563	34.52	ng	96
37) 2-Methylnaphthalene	8.90	142	424662	35.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	199657	47.71	ng	# 100
42) 2,4,6-Trichlorophenol	9.18	196	136909	44.70	ng	96

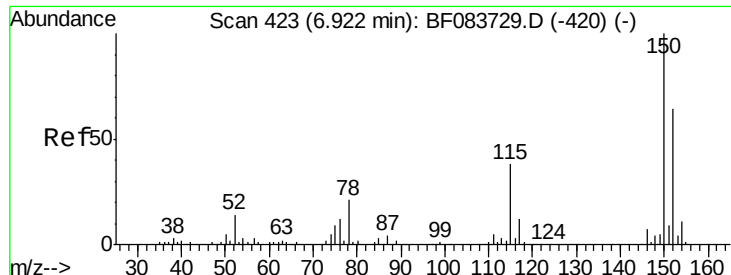
Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	118090	40.64	nq	# 91
45) 1,1'-Biphenyl	9.37	154	570039	45.34	nq	97
46) 2-Chloronaphthalene	9.39	162	396734	42.75	nq	# 92
47) 2-Nitroaniline	9.48	65	118778	45.13	nq	# 76
48) Acenaphthylene	9.80	152	628175	40.23	nq	100
49) Dimethylphthalate	9.66	163	467023	42.23	nq	99
50) 2,6-Dinitrotoluene	9.72	165	90217	38.44	nq	93
51) Acenaphthene	9.97	154	362471	38.40	nq	100
52) 3-Nitroaniline	9.89	138	124653	46.06	nq	# 74
53) 2,4-Dinitrophenol	10.00	184	6125	10.41	nq	# 72
54) Dibenzofuran	10.14	168	479367	38.33	nq	# 90
55) 4-Nitrophenol	10.05	139	85083	42.46	nq	# 75
56) 2,4-Dinitrotoluene	10.12	165	112594	36.72	nq	# 91
57) Fluorene	10.49	166	370122	37.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	89571	41.10	nq	# 100
59) Diethylphthalate	10.36	149	453726	40.53	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	193191	43.02	nq	93
61) 4-Nitroaniline	10.50	138	96395	40.41	nq	89
62) Azobenzene	10.64	77	384300	37.66	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	14660	10.57	nq	# 78
65) n-Nitrosodiphenylamine	10.60	169	373766	44.84	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	110457	40.53	nq	# 75
67) Hexachlorobenzene	11.05	284	126452	42.88	nq	# 77
68) Atrazine	11.13	200	96713	40.77	nq	97
69) Pentachlorophenol	11.23	266	60716	36.50	nq	98
70) Phenanthrene	11.45	178	515705	39.83	nq	99
71) Anthracene	11.50	178	587651	43.70	nq	99
72) Carbazole	11.65	167	525670	41.95	nq	# 96
73) Di-n-butylphthalate	11.98	149	638881	41.98	nq	99
74) Fluoranthene	12.64	202	588781	44.01	nq	99
76) Benzidine	12.75	184	337010	54.98	nq	97
77) Pyrene	12.86	202	605182	38.07	nq	99
79) Butylbenzylphthalate	13.48	149	292259	42.83	nq	95
80) Benzo(a)anthracene	14.05	228	488986	42.75	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	201161	48.75	nq	98
82) Chrysene	14.09	228	507132	45.46	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	373265	48.06	nq	# 96
84) Di-n-octyl phthalate	14.66	149	685230	55.53	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	353062	32.22	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	378551m	39.73	nq	
88) Benzo(k)fluoranthene	15.12	252	417583m	48.37	nq	
89) Benzo(a)pyrene	15.44	252	359393	42.27	nq	100
90) Dibenzo(a,h)anthracene	16.95	278	302338	35.76	nq	# 96
91) Benzo(g,h,i)perylene	17.37	276	282591m	32.52	nq	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

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SSTDCCC040

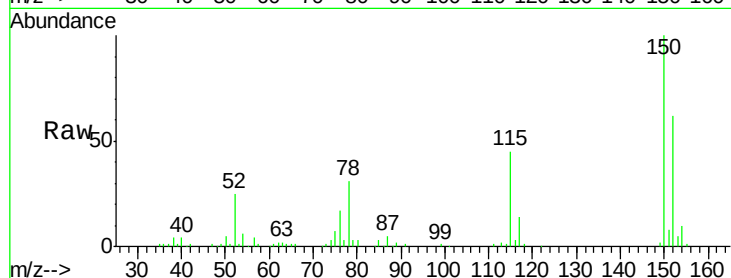
Tot Ion:152 Resp: 96311

Ion Ratio Lower Upper

152 100

150 160.7 126.5 189.7

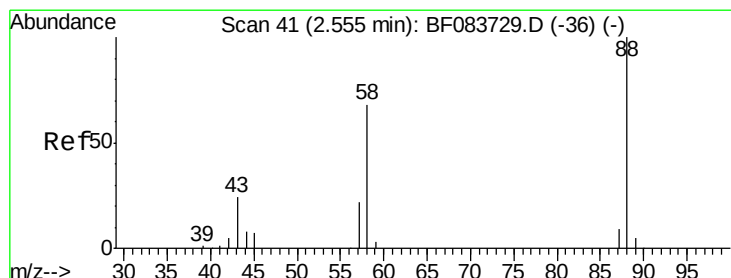
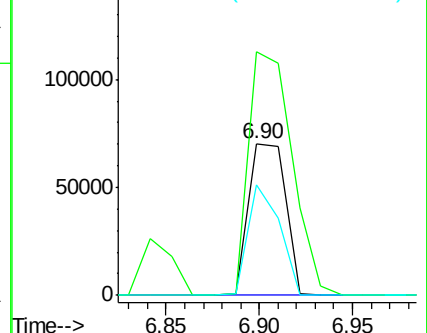
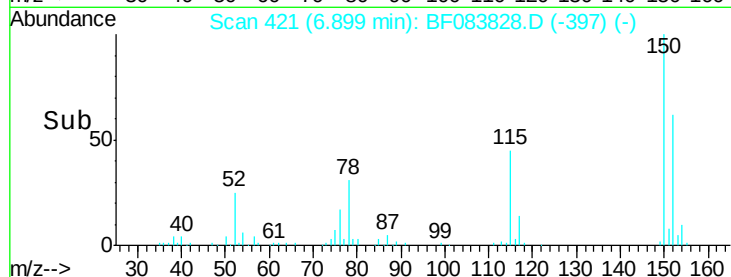
115 72.9 52.3 78.5



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: 39.46 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.06 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

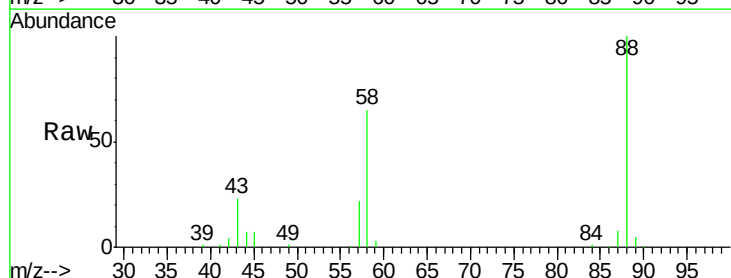
Tgt Ion: 88 Resp: 113909

Ion Ratio Lower Upper

88 100

58 66.9 68.0 102.0#

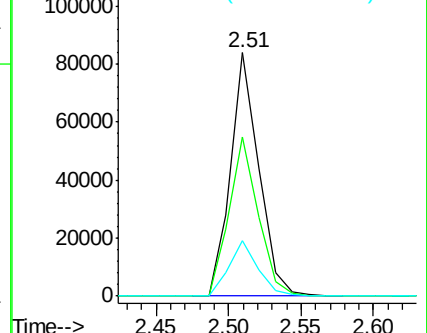
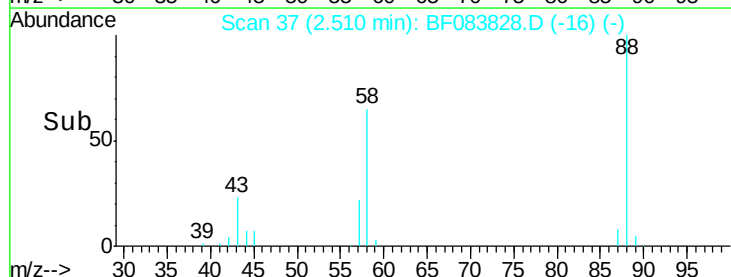
43 23.5 27.9 41.9#

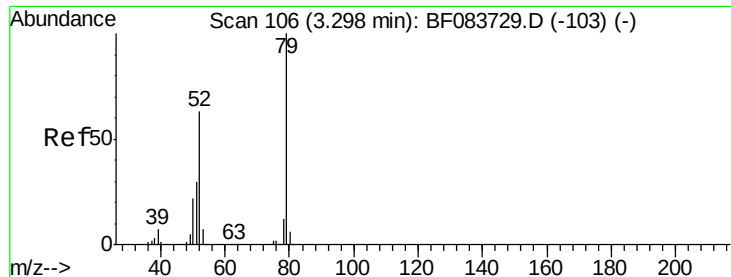


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.24 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.05 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

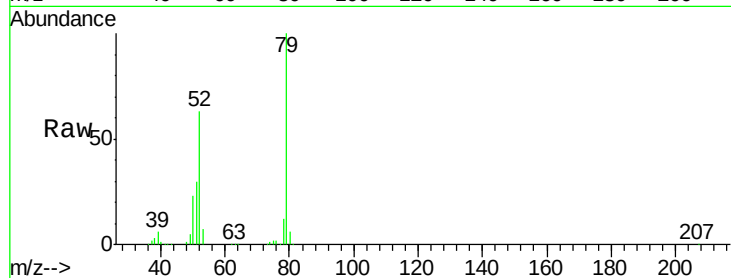
Tot Ion: 79 Resp: 270478

Ion Ratio Lower Upper

79 100

52 62.5 63.7 95.5#

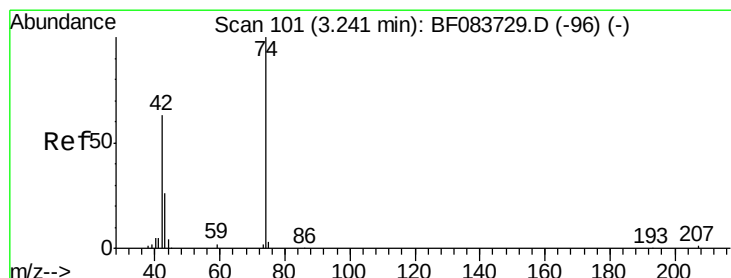
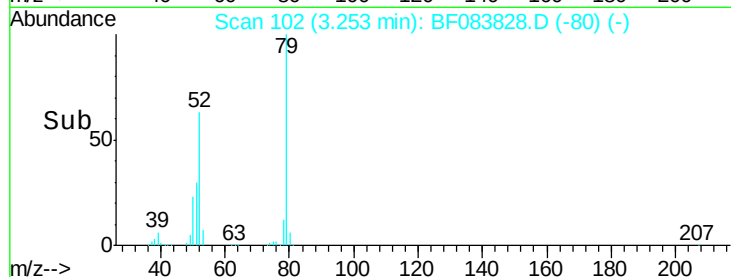
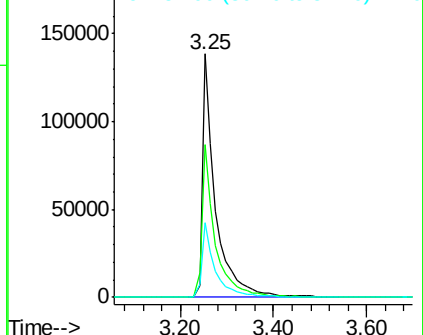
51 30.5 30.6 45.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.77 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.05 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

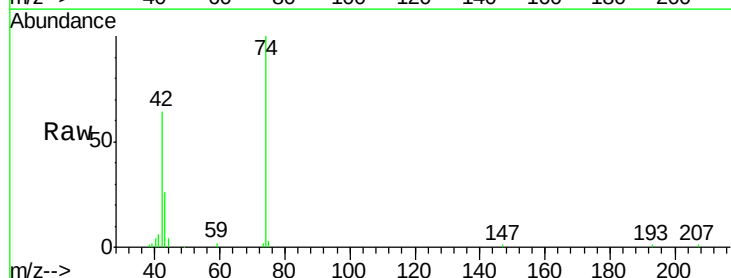
Tgt Ion: 42 Resp: 109292

Ion Ratio Lower Upper

42 100

74 156.4 92.9 139.3#

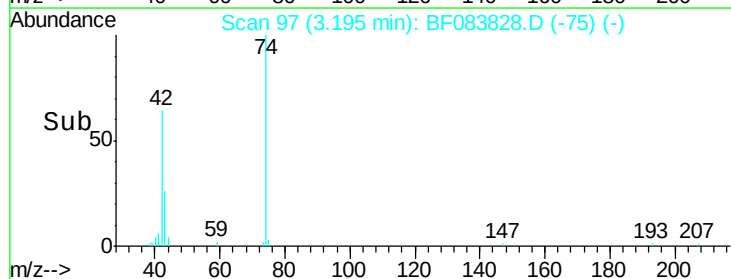
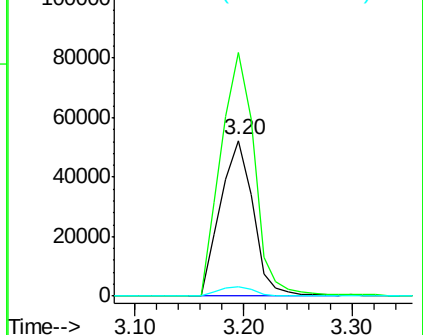
44 6.4 5.7 8.5

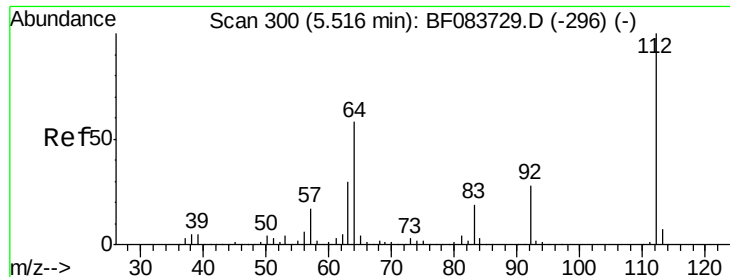


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.64 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

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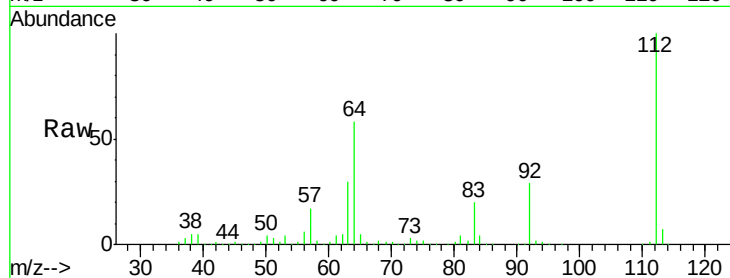
Tot Ion:112 Resp: 469502

Ion Ratio Lower Upper

112 100

64 58.4 50.5 75.7

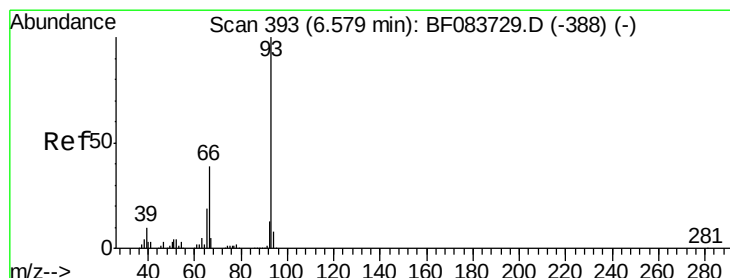
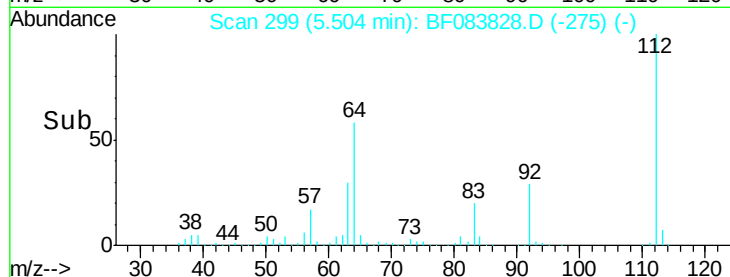
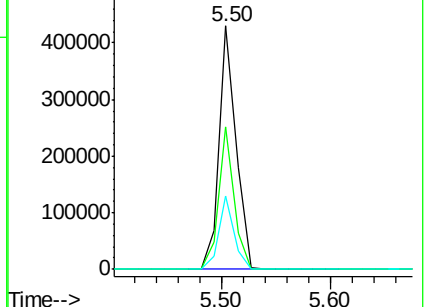
63 30.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.57 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

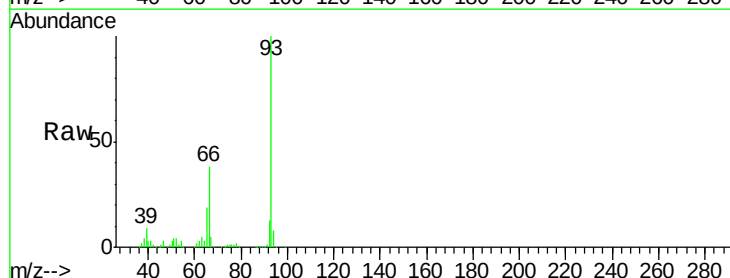
Tgt Ion: 93 Resp: 406383

Ion Ratio Lower Upper

93 100

66 38.4 41.3 61.9#

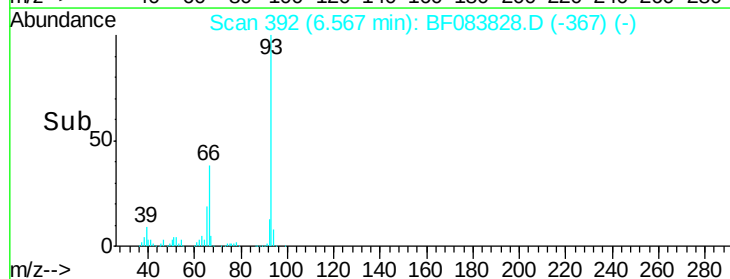
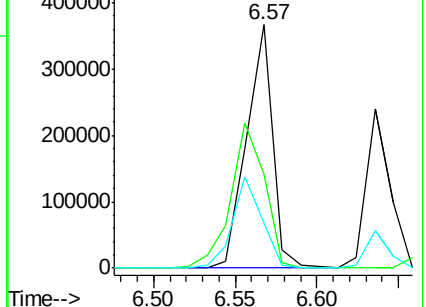
65 18.5 20.8 31.2#

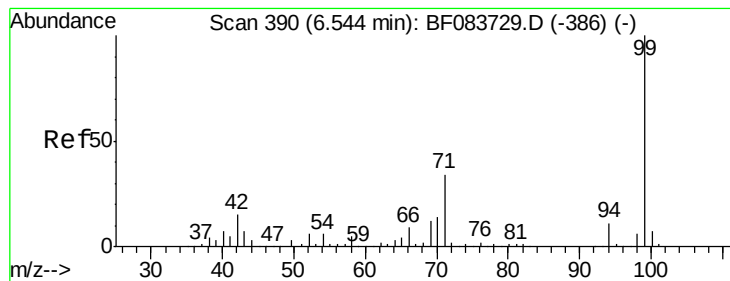


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.54 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083828.D

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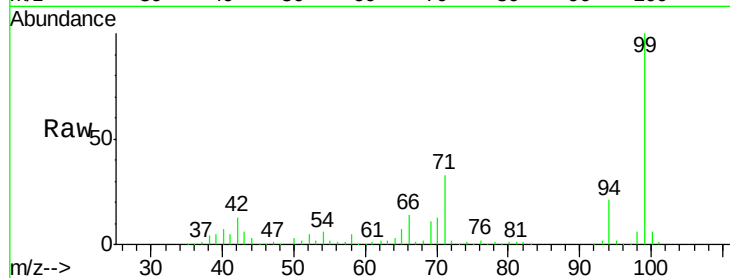
Tot Ion: 99 Resp: 624030

Ion Ratio Lower Upper

99 100

42 13.4 17.3 25.9#

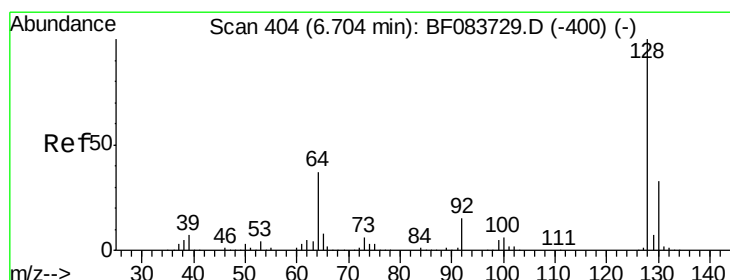
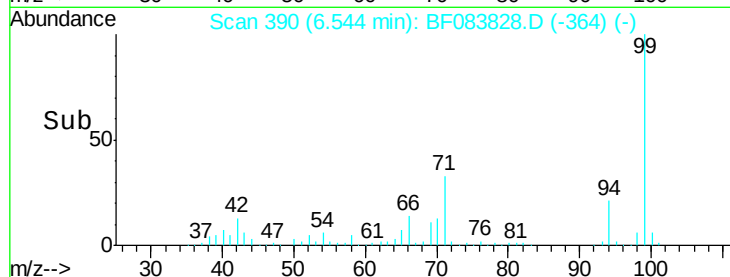
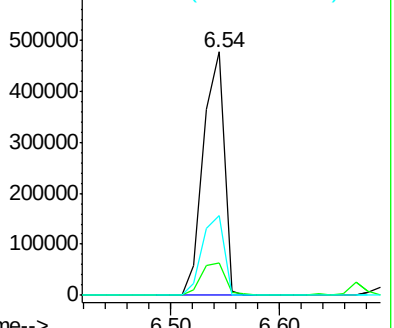
71 32.7 26.6 40.0



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: 41.97 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

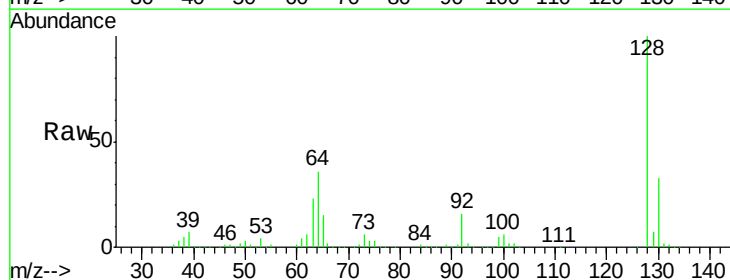
Tgt Ion:128 Resp: 294424

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

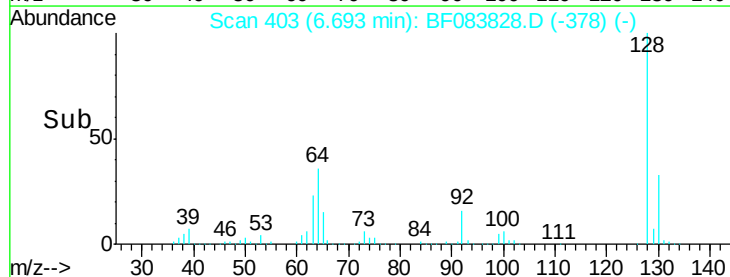
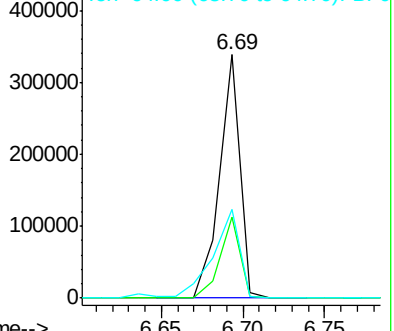
64 36.4 38.6 78.6#

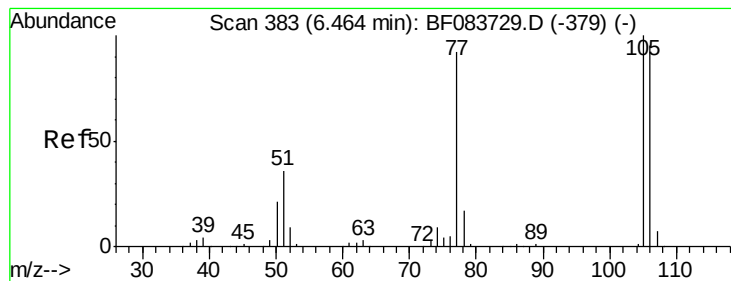


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.65 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083828.D

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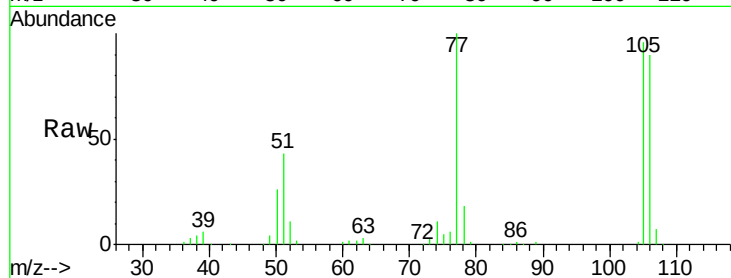
Tot Ion: 77 Resp: 160969

Ion Ratio Lower Upper

77 100

105 95.6 71.8 111.8

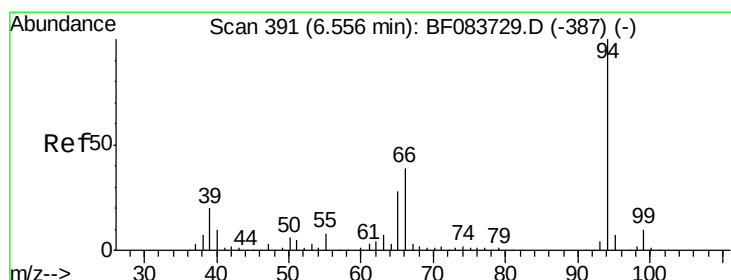
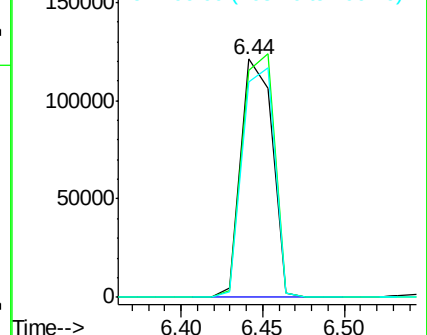
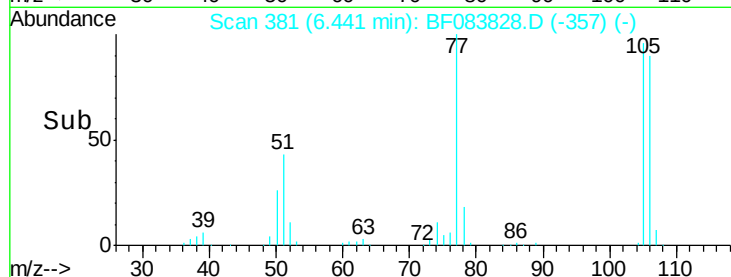
106 90.5 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.84 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

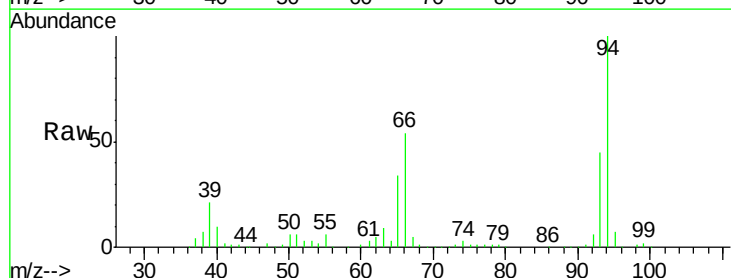
Tgt Ion: 94 Resp: 372774

Ion Ratio Lower Upper

94 100

65 33.8 20.9 60.9

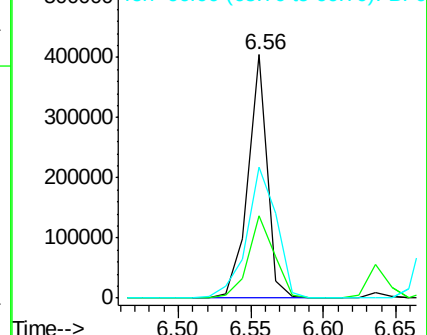
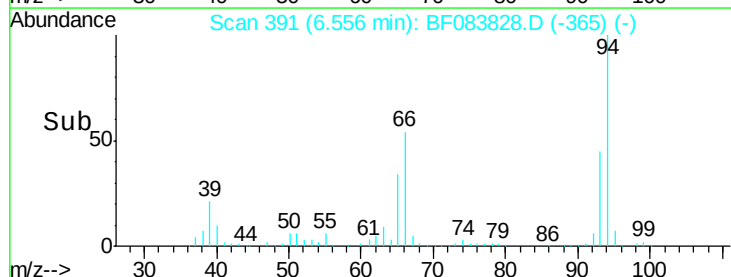
66 53.9 41.6 81.6

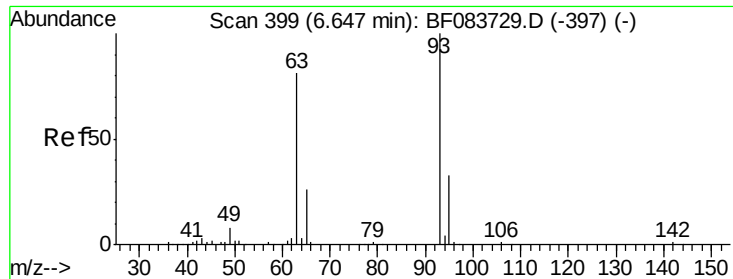


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

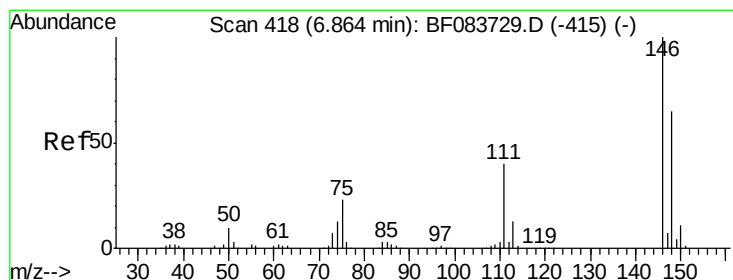
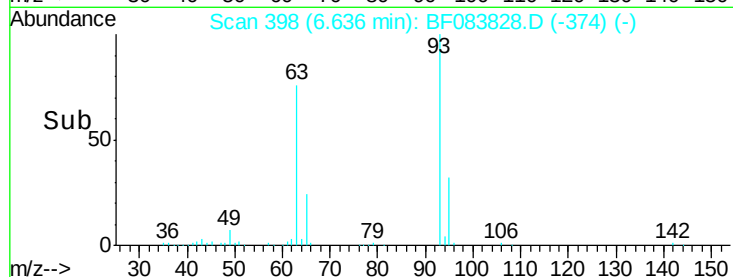
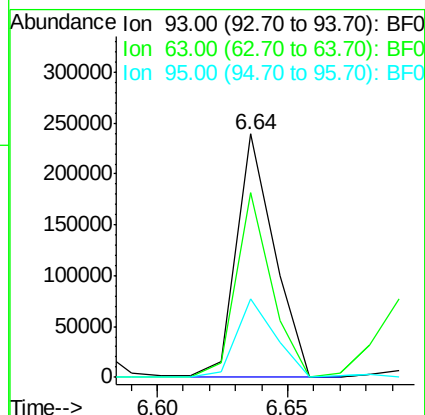
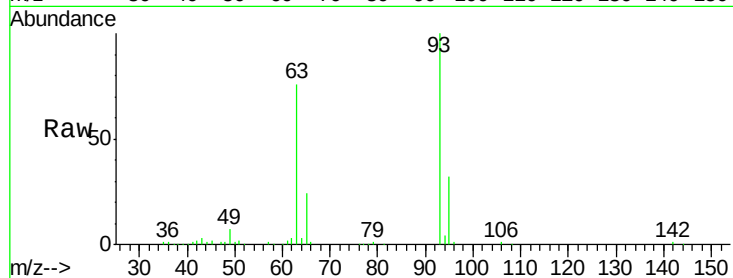




#11
bis(2-Chloroethyl)ether
Concen: 38.33 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

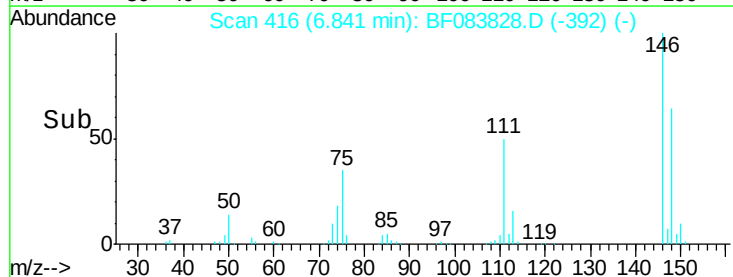
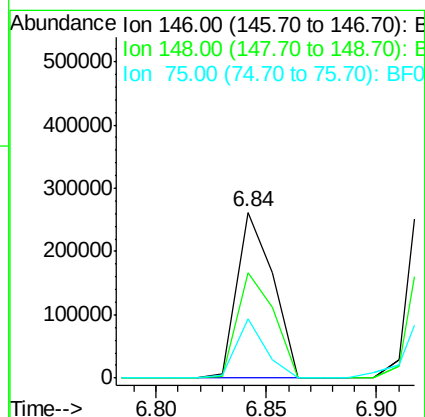
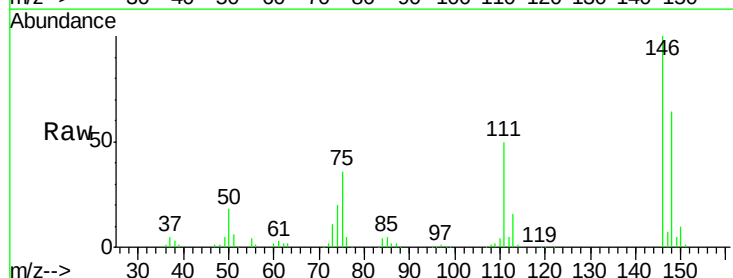
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

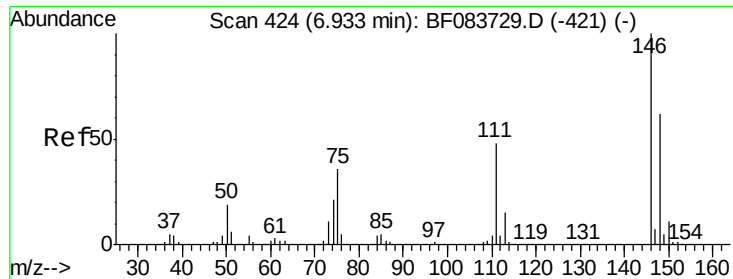
Tot Ion: 93 Resp: 241537
Ion Ratio Lower Upper
93 100
63 75.7 64.7 104.7
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.00 ng m
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion: 146 Resp: 297838
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 36.1 24.1 36.1#

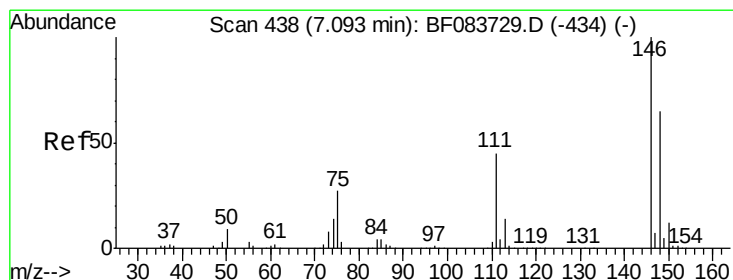
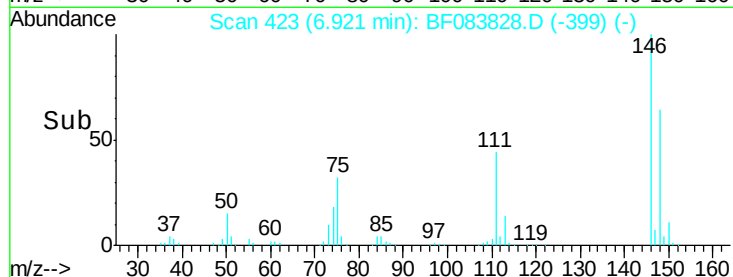
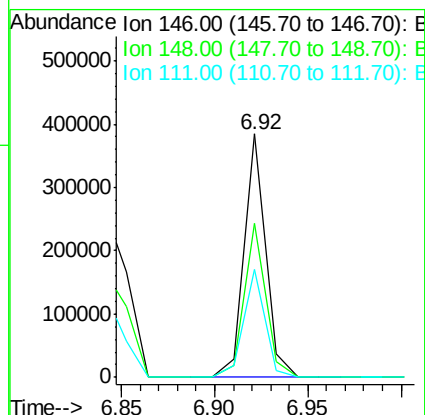
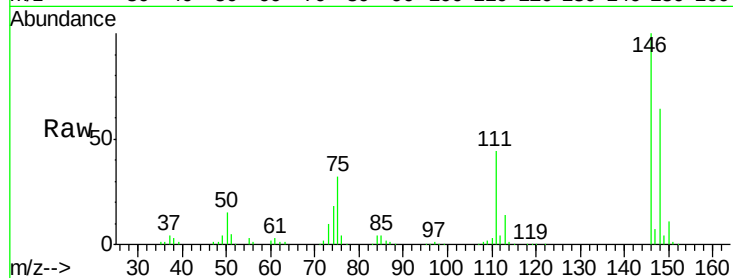




#13
 1,4-Dichlorobenzene
 Concen: 41.26 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

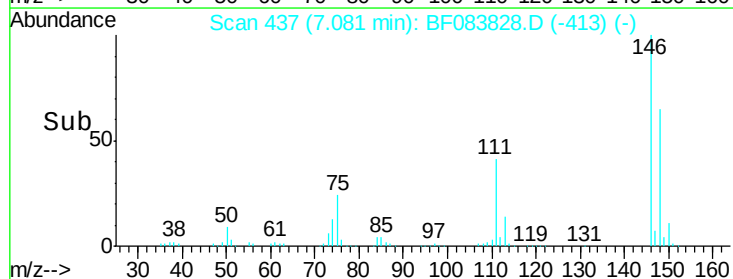
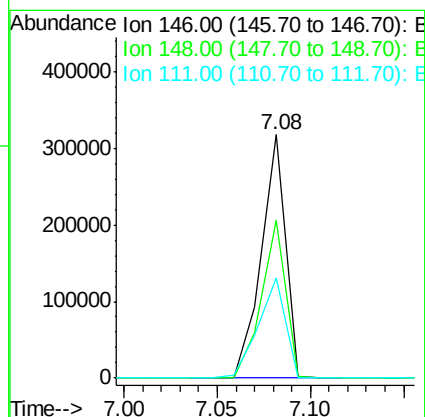
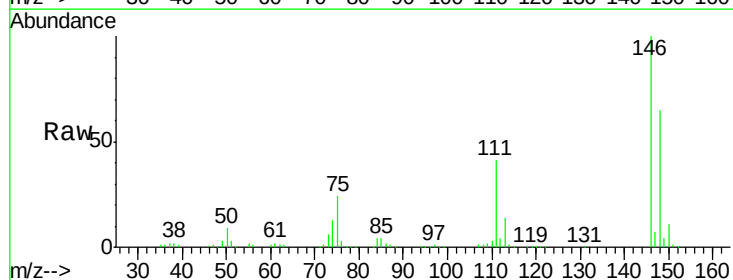
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

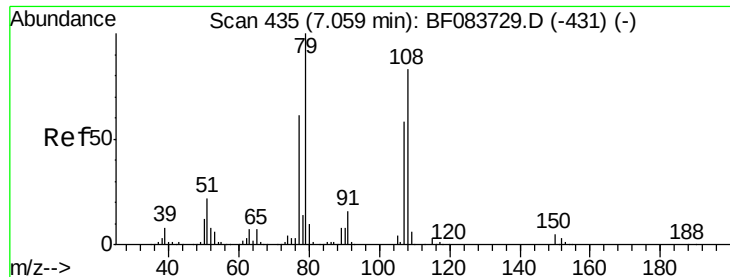
Tot Ion:146 Resp: 310460
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 44.5 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 41.99 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion:146 Resp: 283906
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 111 41.2 36.7 55.1





#15

Benzyl Alcohol

Concen: 42.03 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

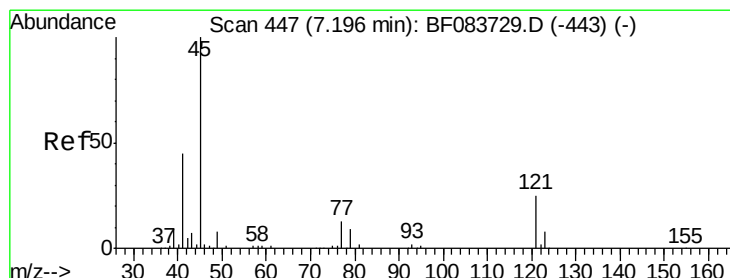
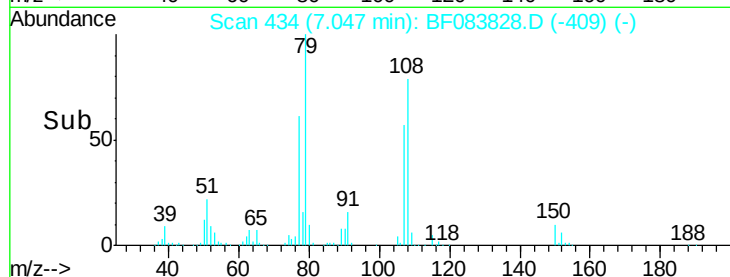
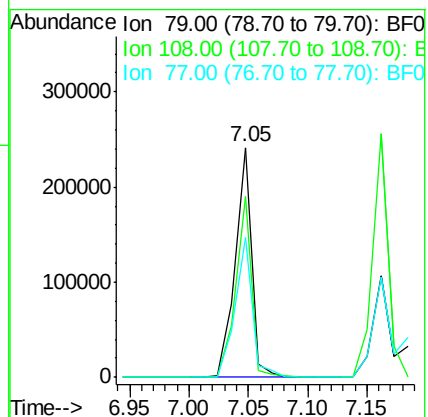
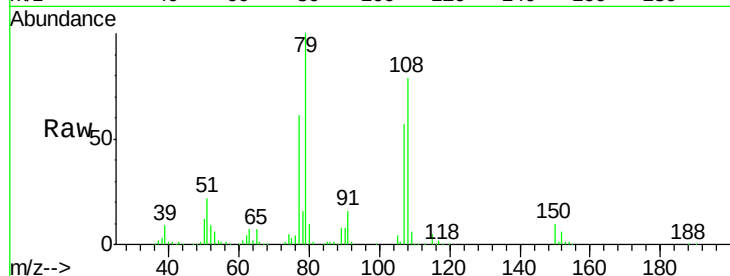
Tot Ion: 79 Resp: 233437

Ion Ratio Lower Upper

79 100

108 79.0 59.6 89.4

77 61.0 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.71 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

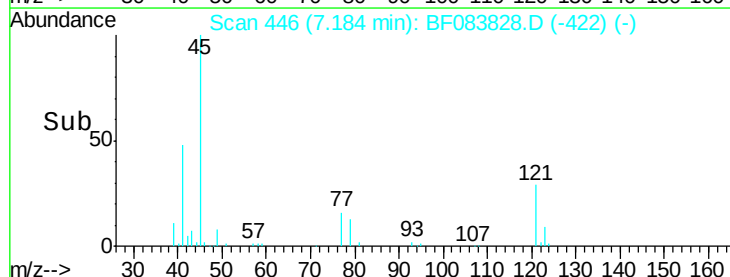
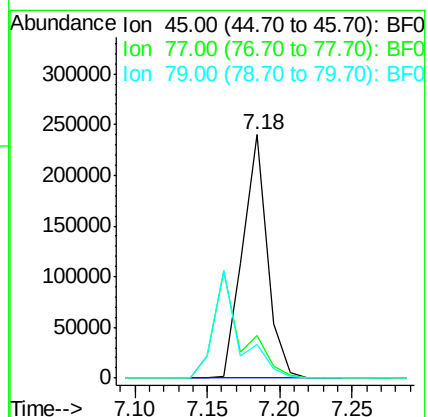
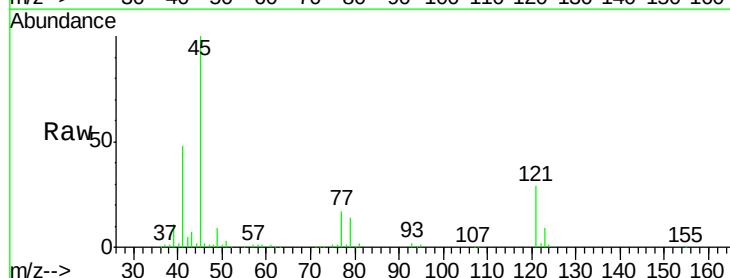
Tgt Ion: 45 Resp: 283981

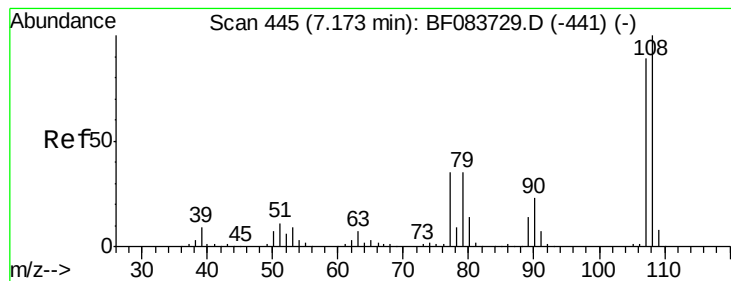
Ion Ratio Lower Upper

45 100

77 17.5 12.8 52.8

79 13.8 10.7 50.7

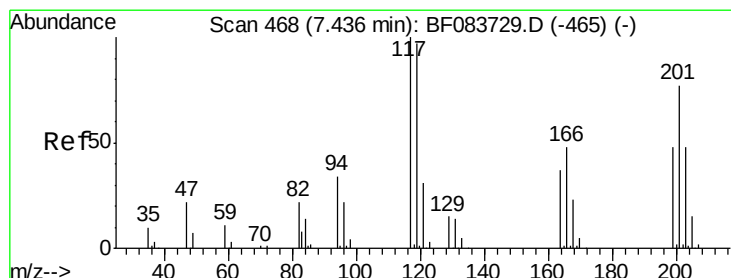
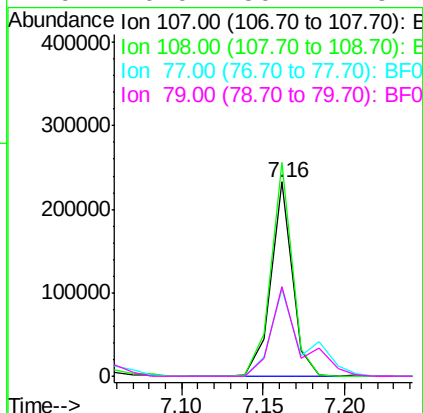
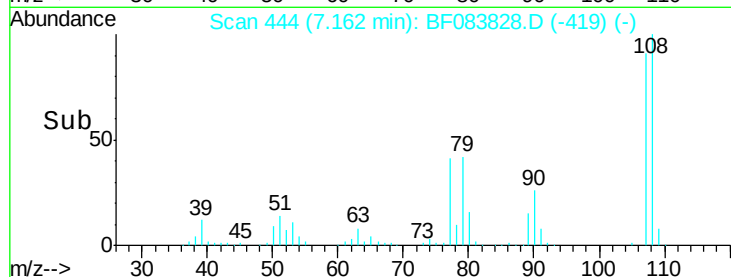
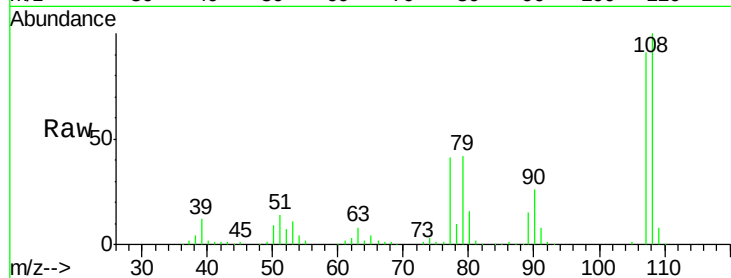




#17
2-Methylphenol
Concen: 37.67 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

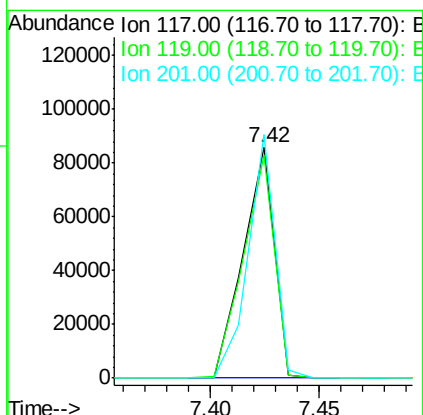
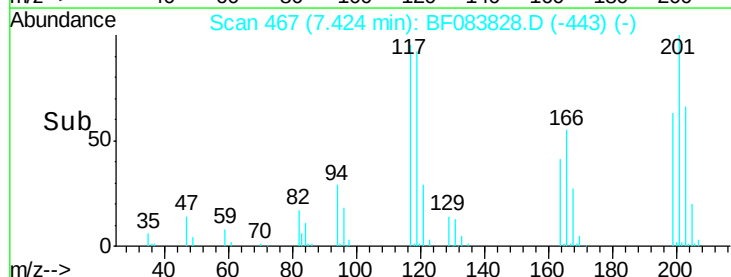
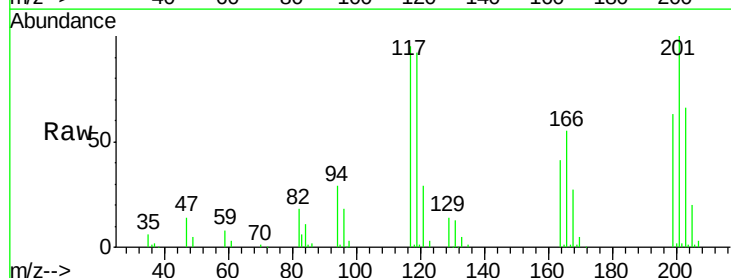
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

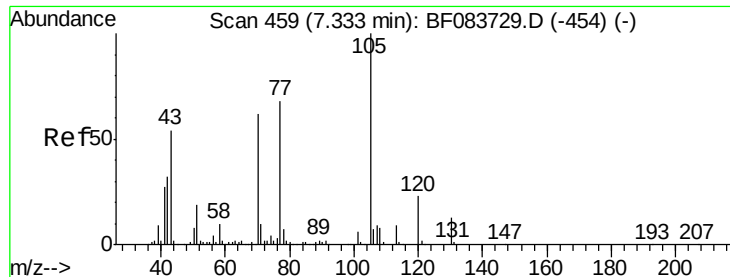
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	91.6	137.4
77	45.1	53.7	80.5#
79	46.0	50.2	75.4#



#18
Hexachloroethane
Concen: 31.97 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
201	105.7	86.8	130.2

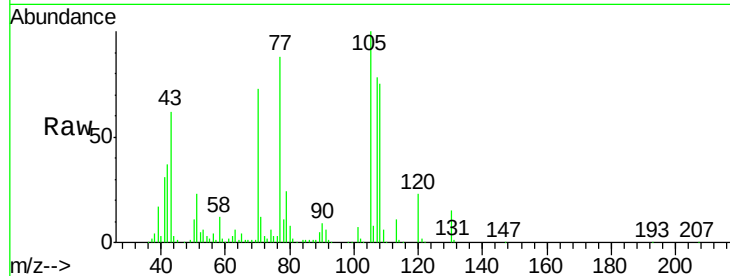




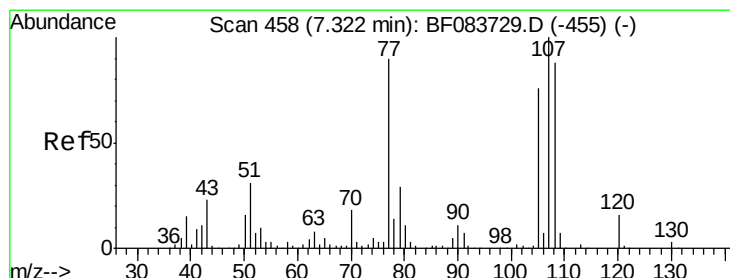
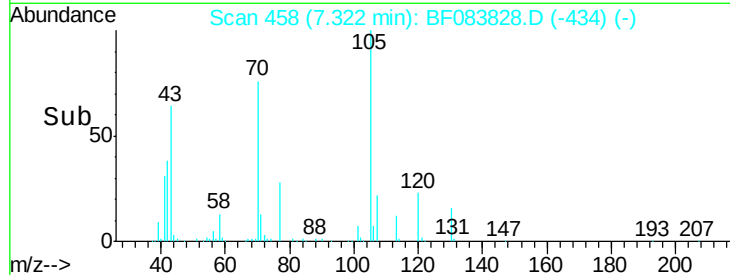
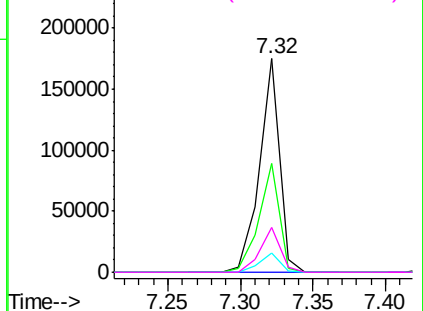
#19
n-Nitroso-di-n-propylamine
Concen: 36.06 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 166945
Ion Ratio Lower Upper
70 100
42 50.7 49.2 73.8
101 9.0 7.1 10.7
130 20.9 15.4 23.0

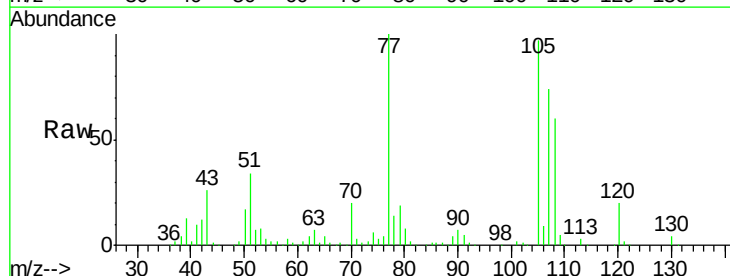


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

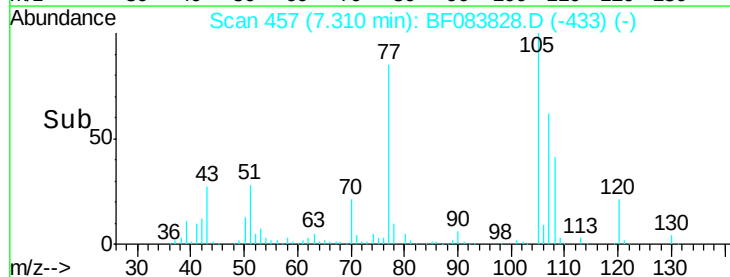
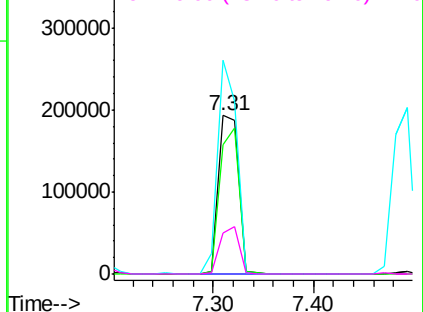


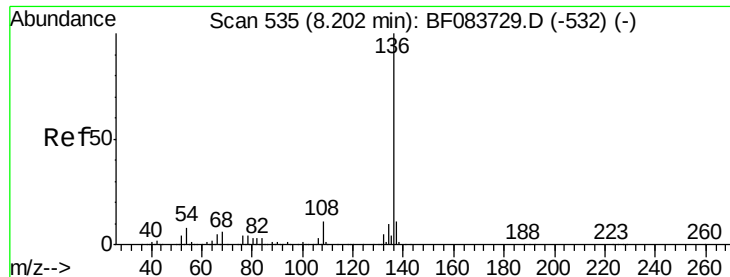
#20
3+4-Methylphenols
Concen: 40.14 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:107 Resp: 267298
Ion Ratio Lower Upper
107 100
108 81.4 65.2 105.2
77 135.1 15.2 55.2#
79 26.1 6.0 46.0



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

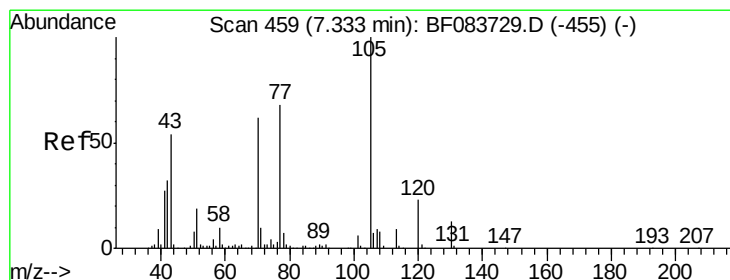
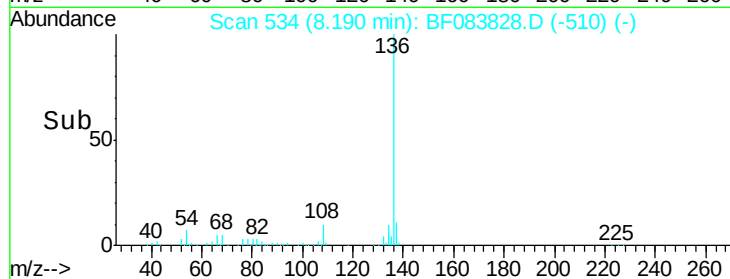
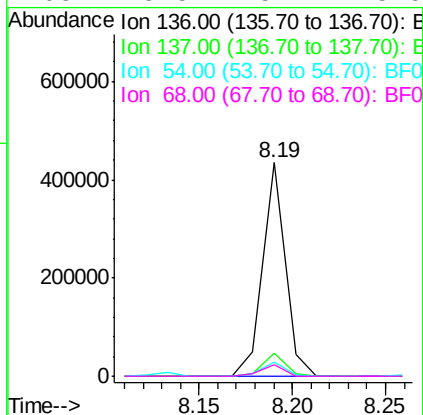
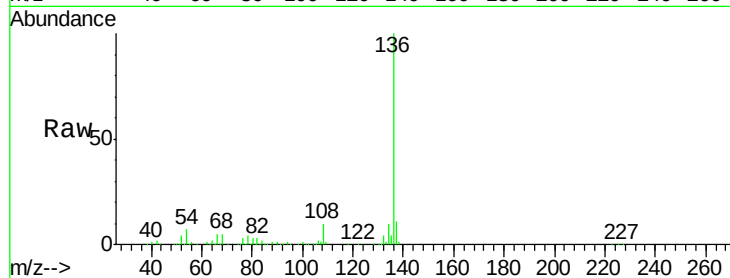




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

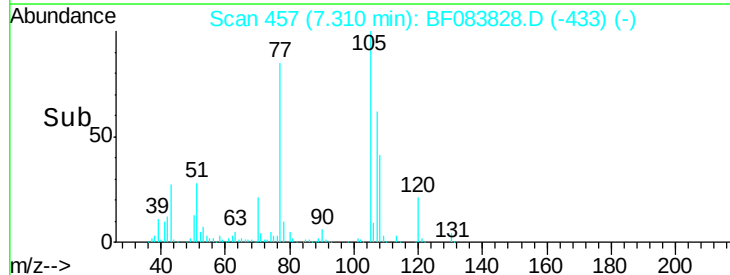
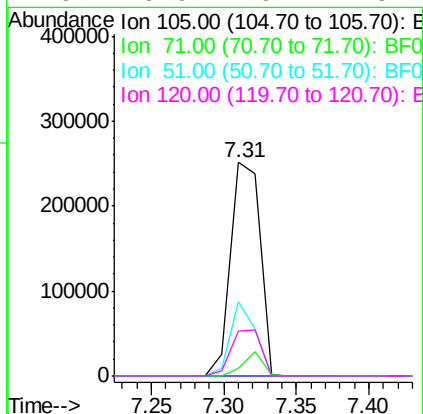
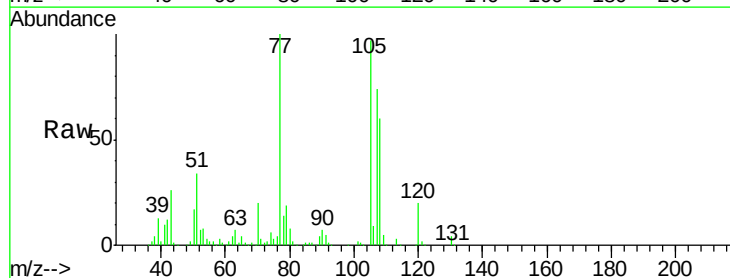
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

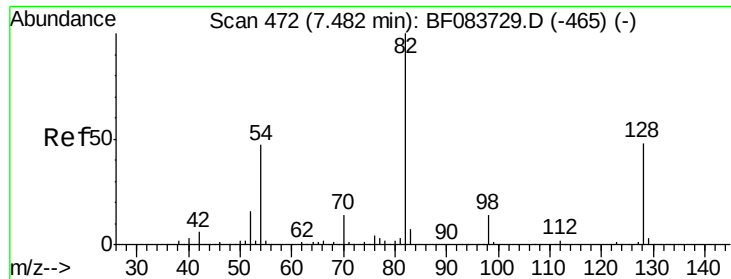
Tot Ion:136	Resp:	363410
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 6.7	7.8	11.6#
68 5.5	5.7	8.5#



#22
Acetophenone
Concen: 39.88 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt	Ion:105	Resp:	355534
Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.3	1.9#
51	34.9	23.8	35.8
120	20.9	16.7	25.1

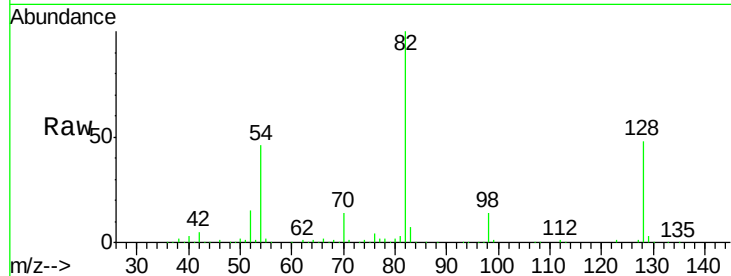




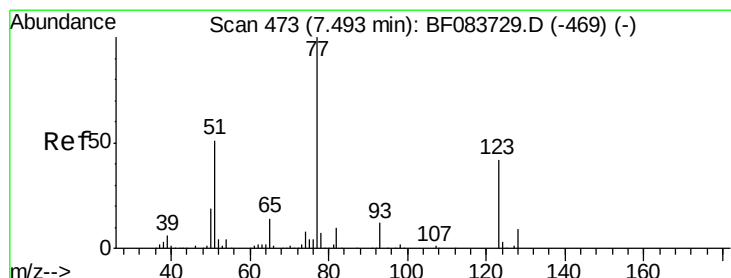
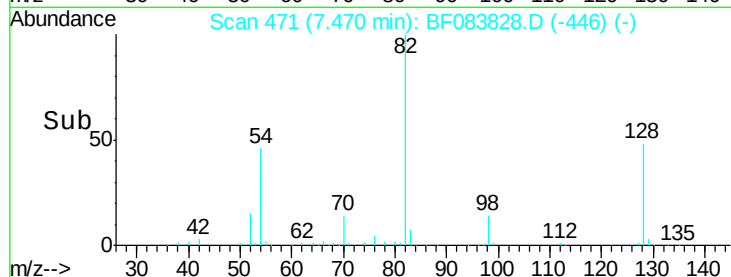
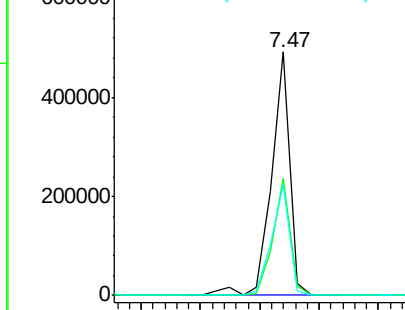
#23
 Nitrobenzene-d5
 Concen: 81.13 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	526984
Ion	Ratio	Lower	Upper
82	100		
128	48.2	30.7	46.1#
54	45.6	42.5	63.7

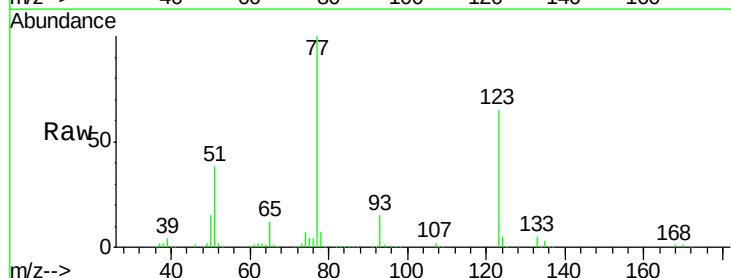


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

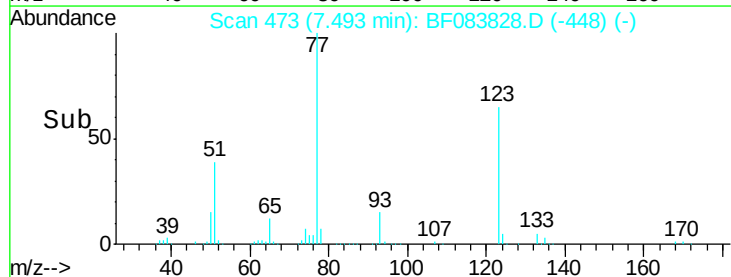
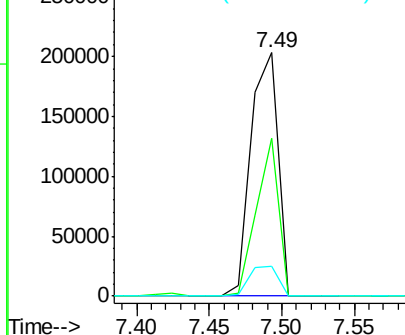


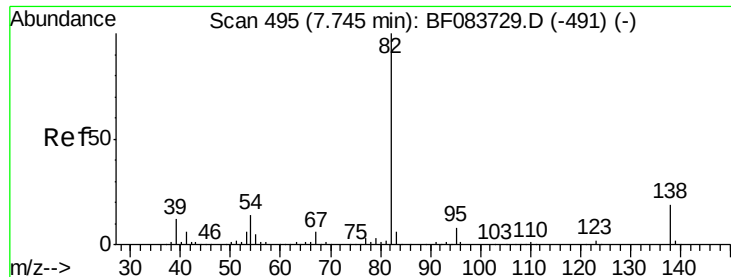
#24
 Nitrobenzene
 Concen: 39.07 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion	77	Resp	264116
Ion	Ratio	Lower	Upper
77	100		
123	64.9	29.8	44.6#
65	12.2	11.1	16.7



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: 38.19 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

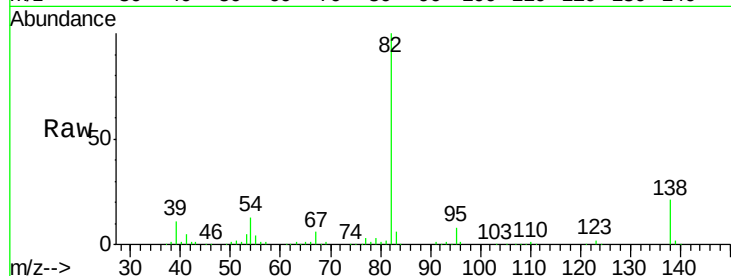
Tot Ion: 82 Resp: 486738

Ion Ratio Lower Upper

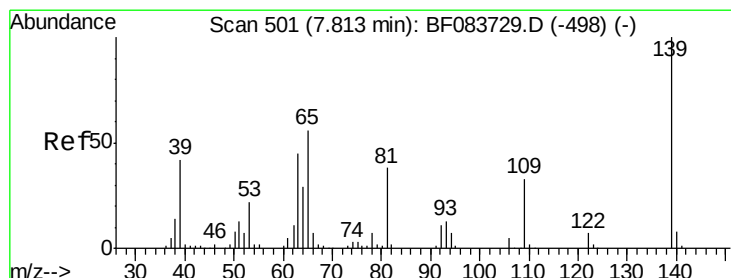
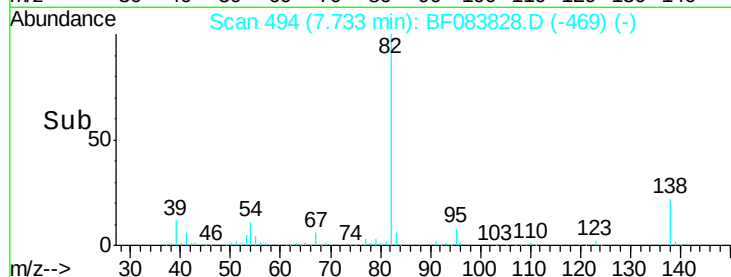
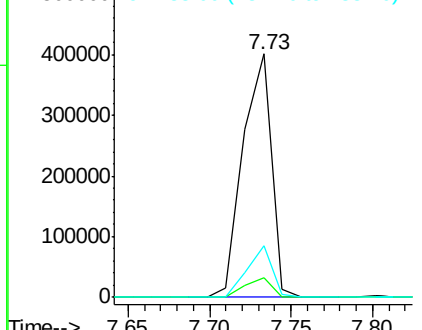
82 100

95 7.8 5.0 7.4#

138 21.4 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 37.85 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

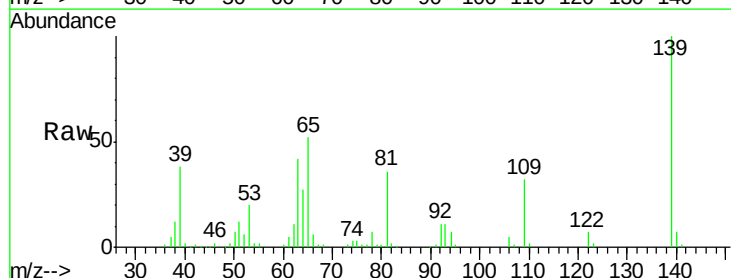
Tgt Ion: 139 Resp: 122919

Ion Ratio Lower Upper

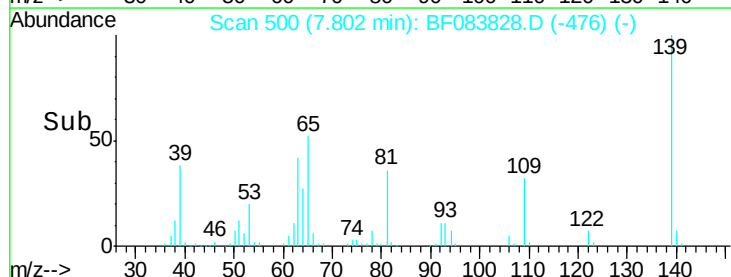
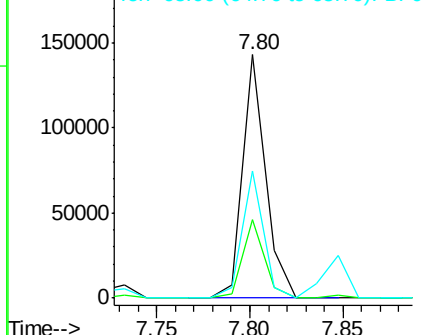
139 100

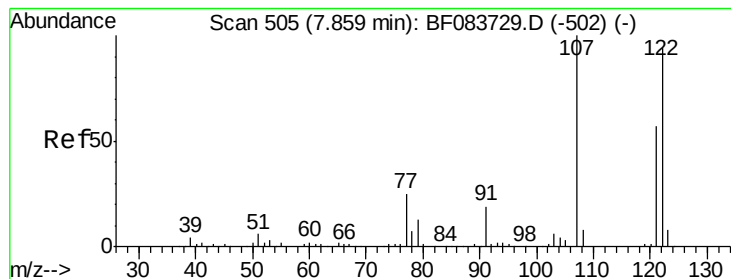
109 32.5 22.7 34.1

65 52.4 51.8 77.8



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

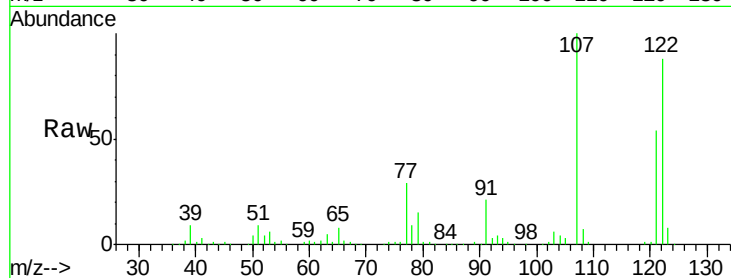




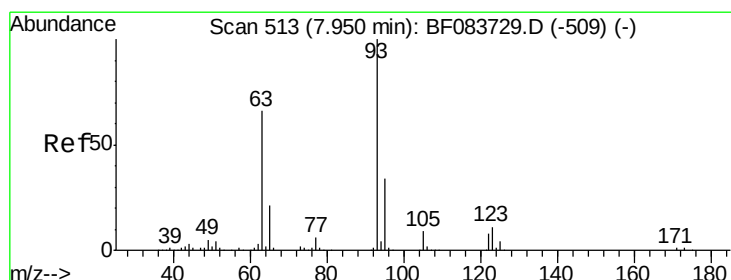
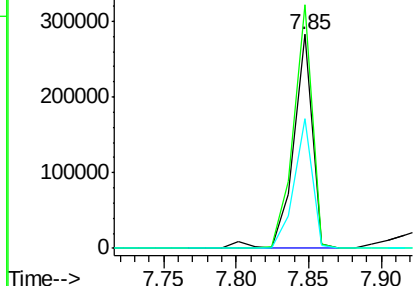
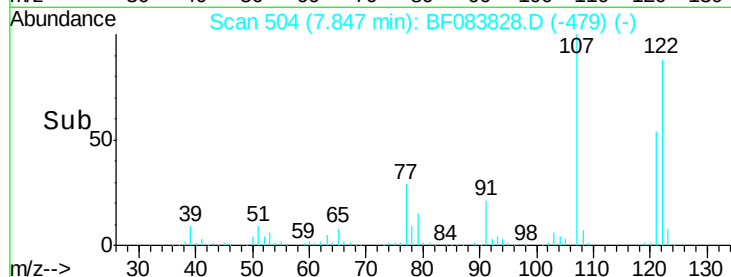
#27
 2,4-Dimethylphenol
 Concen: 40.26 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 256896
 Ion Ratio Lower Upper
 122 100
 107 113.9 92.4 138.6
 121 61.0 45.8 68.6

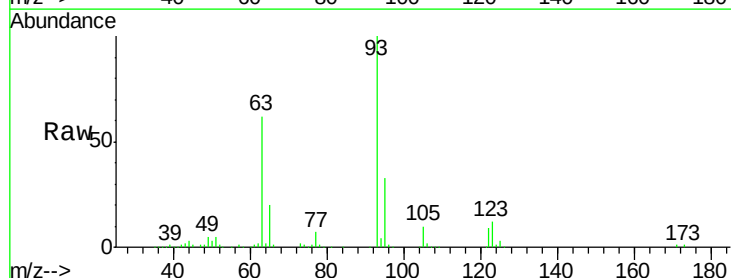


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

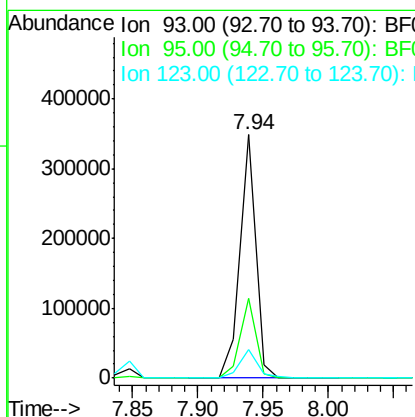
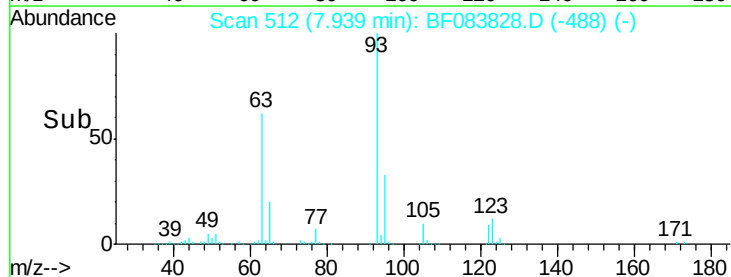


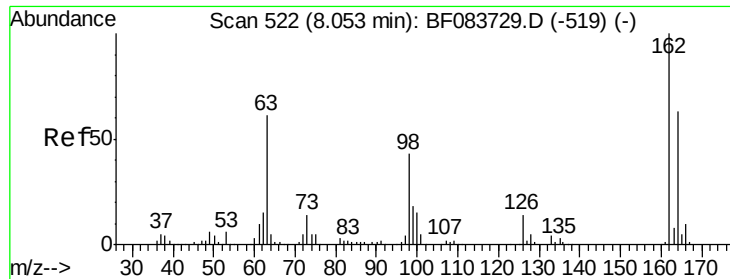
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.07 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion: 93 Resp: 291387
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.6 38.4
 123 11.8 7.3 10.9#



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

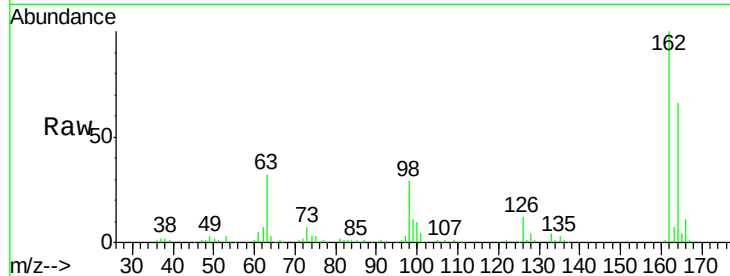




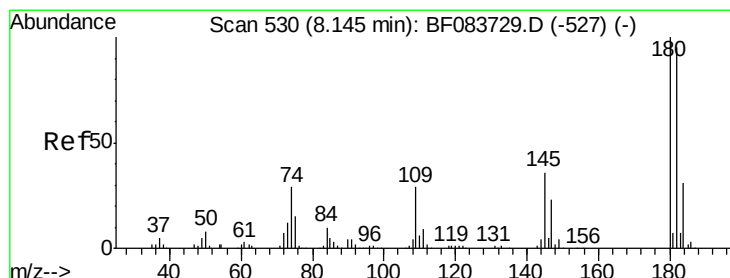
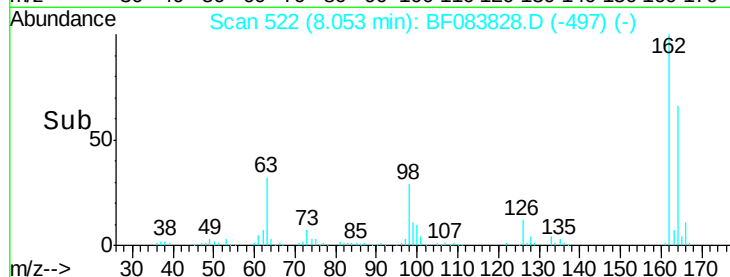
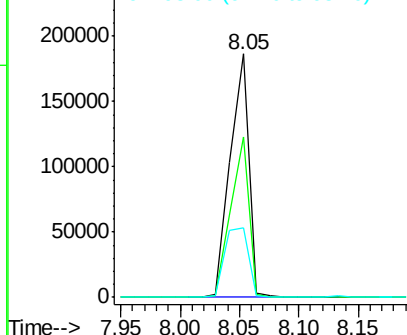
#29
 2,4-Dichlorophenol
 Concen: 39.08 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.4	83.4
98	28.5	17.5	57.5

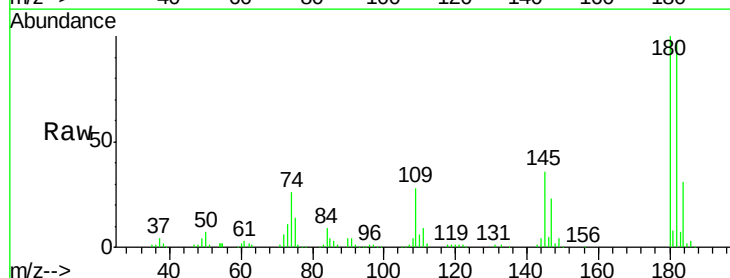


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

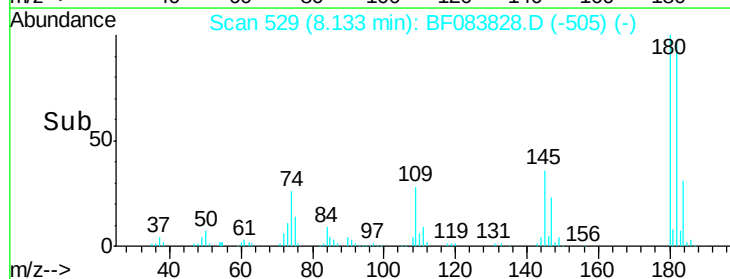
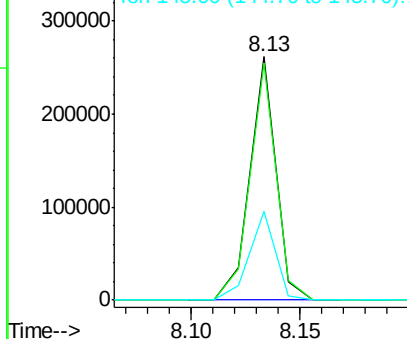


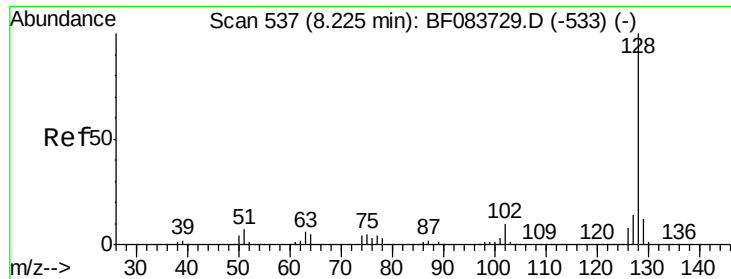
#30
 1,2,4-Trichlorobenzene
 Concen: 40.07 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.9	112.3
145	36.4	24.7	37.1



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

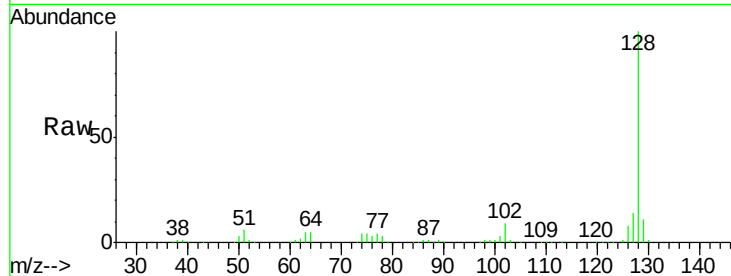




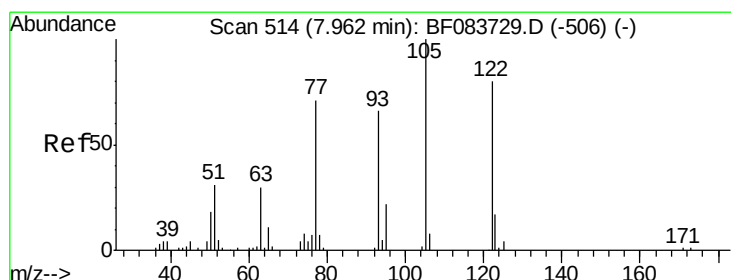
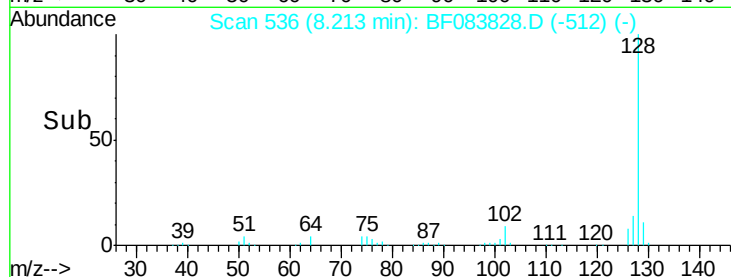
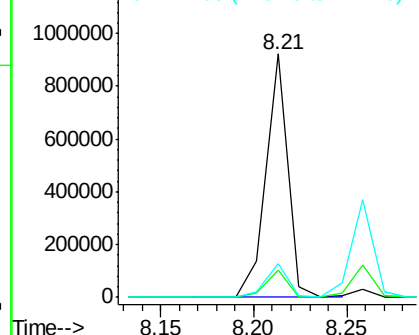
#31
Naphthalene
Concen: 40.14 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 760424
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.6 16.0

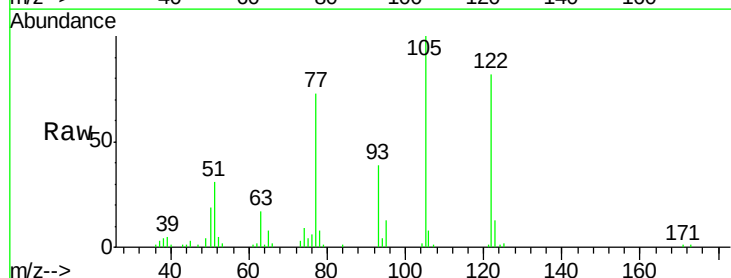


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

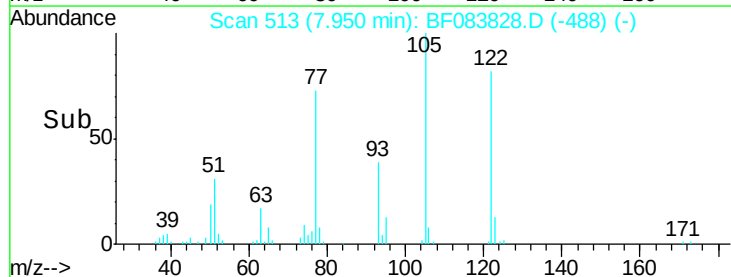
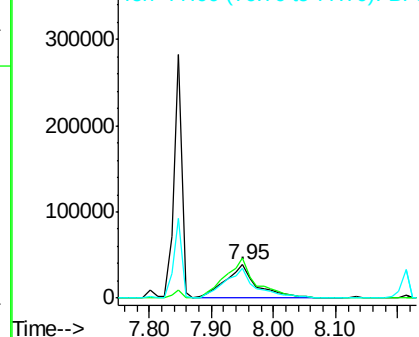


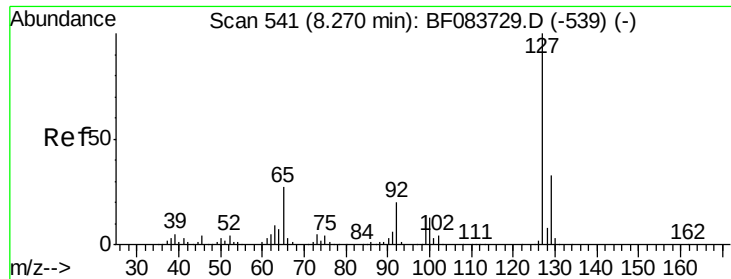
#32
Benzoic acid
Concen: 33.57 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:122 Resp: 133503
Ion Ratio Lower Upper
122 100
105 122.0 105.6 145.6
77 89.6 86.8 126.8



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

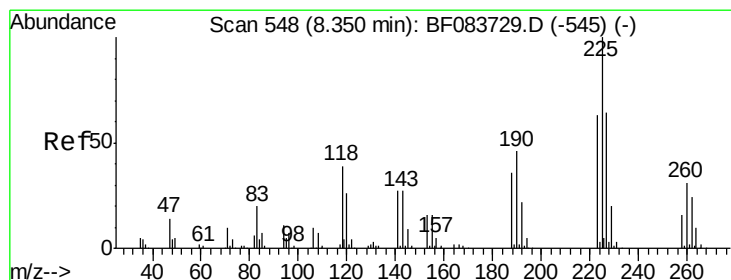
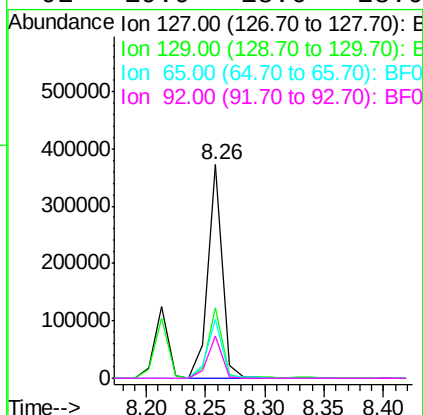
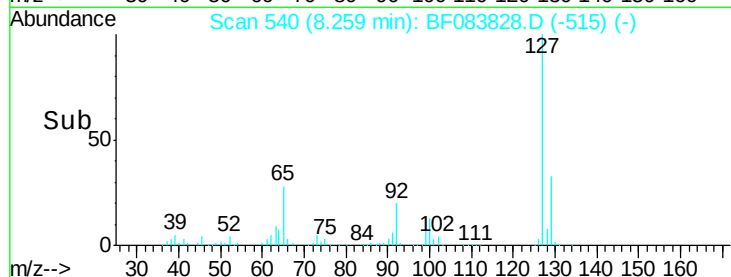
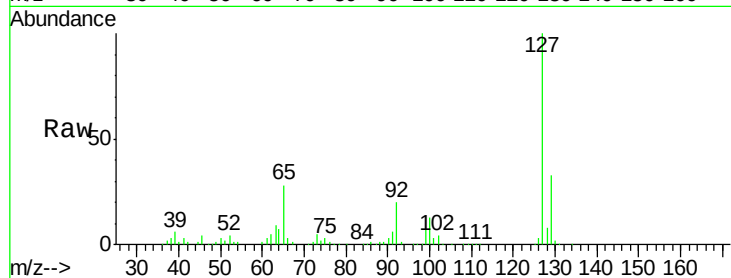




#33
4-Chloroaniline
Concen: 40.65 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

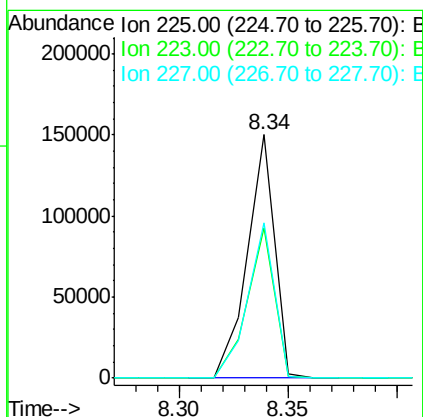
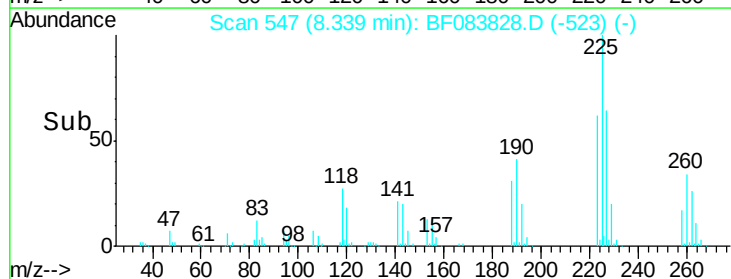
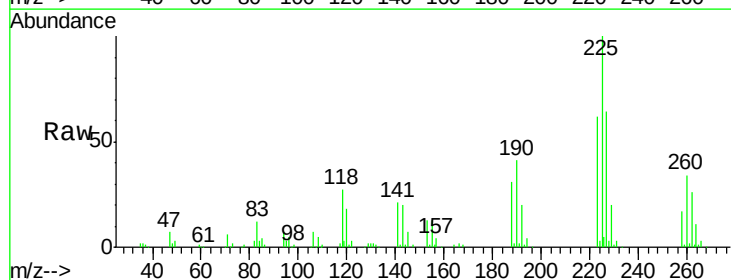
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

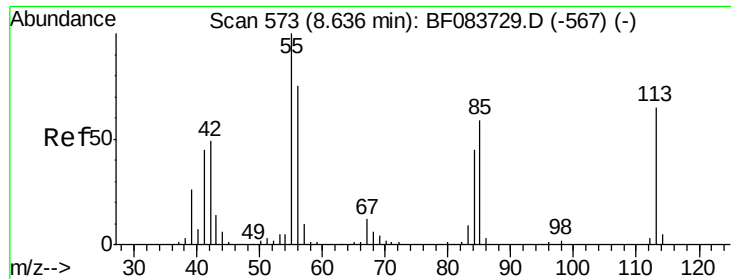
Tot Ion:	127	Resp:	314492
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	27.7	33.5	50.3
92	19.9	18.6	28.0



#34
Hexachlorobutadiene
Concen: 43.74 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:	225	Resp:	130399
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.3	78.5
227	63.9	50.4	75.6

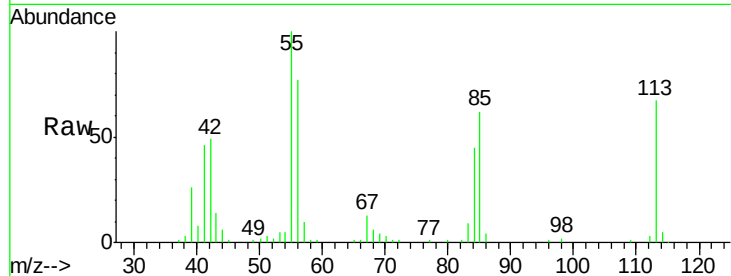




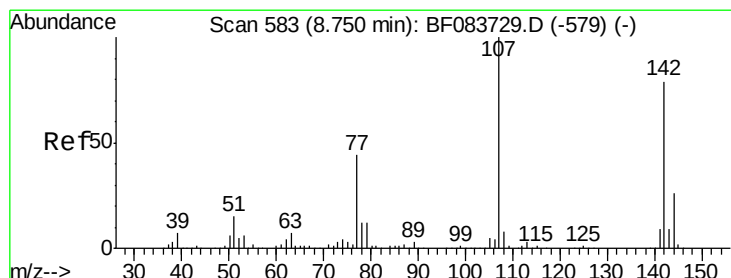
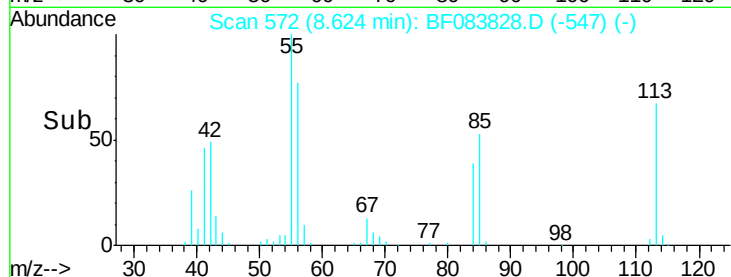
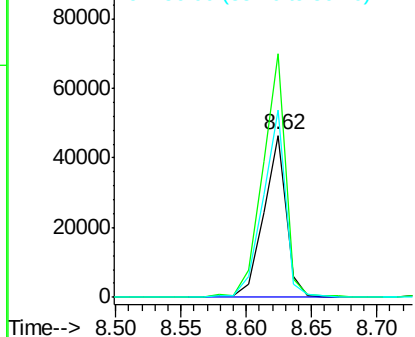
#35
Caprolactam
Concen: 33.44 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 56257
Ion Ratio Lower Upper
113 100
55 150.1 189.7 229.7#
56 115.5 130.7 170.7#

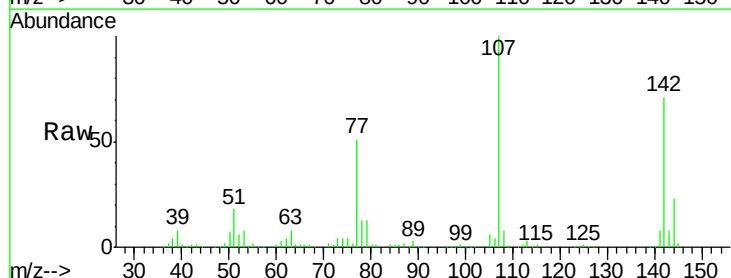


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

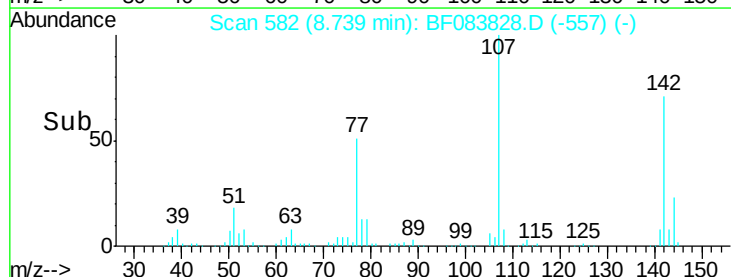
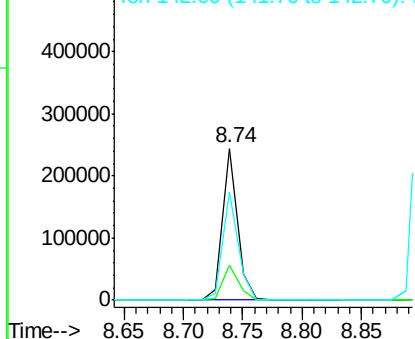


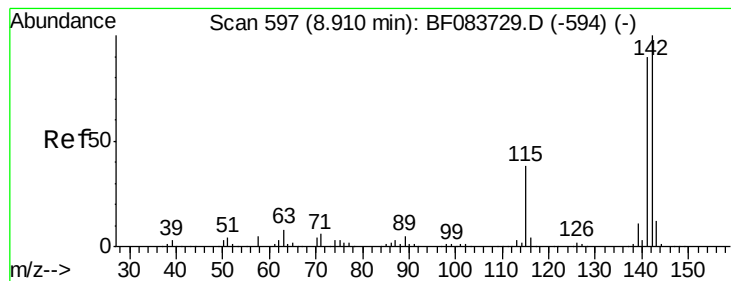
#36
4-Chloro-3-methylphenol
Concen: 34.52 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:107 Resp: 211563
Ion Ratio Lower Upper
107 100
144 22.8 17.5 26.3
142 71.1 53.6 80.4



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





#37

2-Methylnaphthalene

Concen: 35.71 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

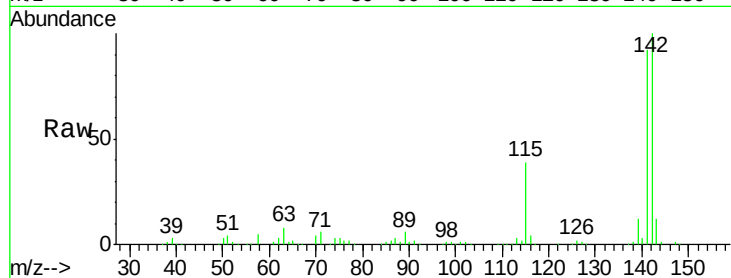
Tot Ion:142 Resp: 424662

Ion Ratio Lower Upper

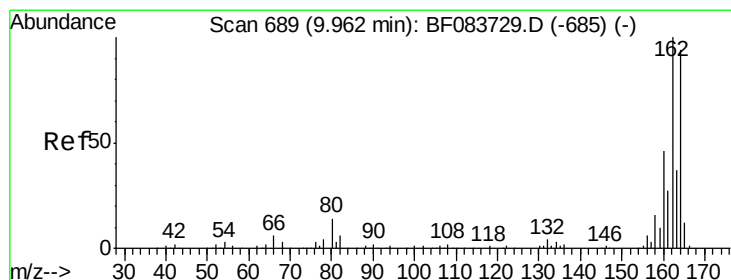
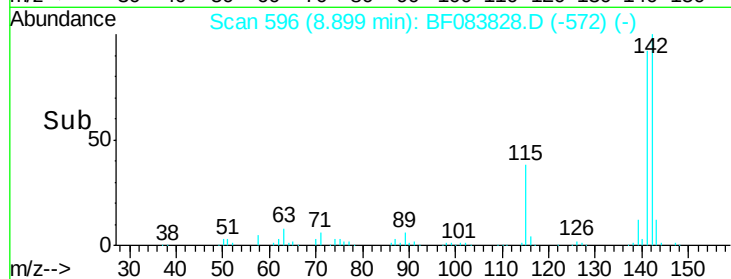
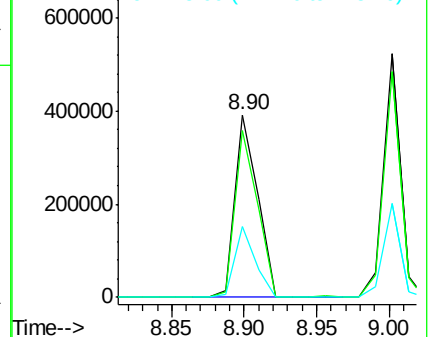
142 100

141 91.6 70.3 105.5

115 38.6 29.2 43.8



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: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

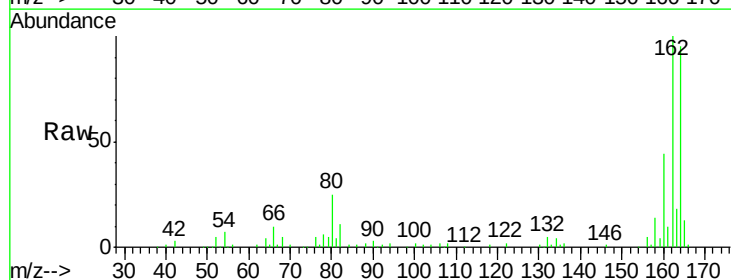
Tgt Ion:164 Resp: 141848

Ion Ratio Lower Upper

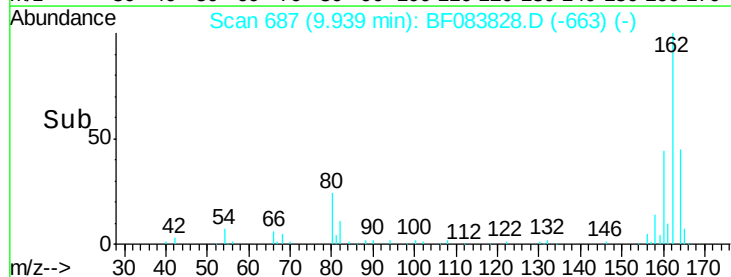
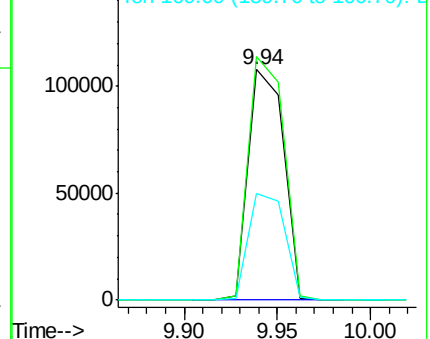
164 100

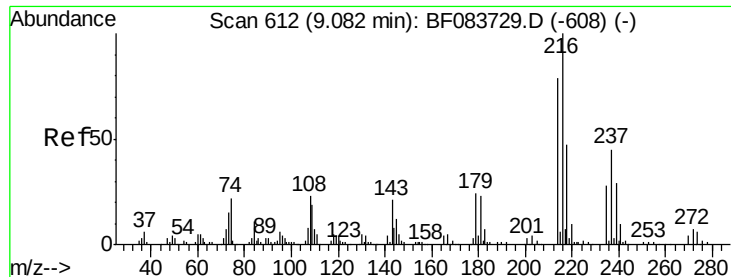
162 105.5 78.8 118.2

160 46.1 33.4 50.2



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: 47.71 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 199657

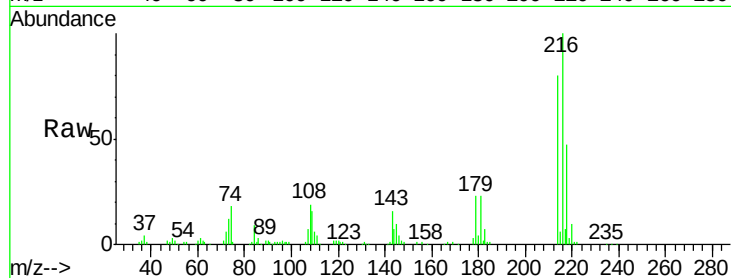
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 23.0 0.0 0.0#

108 20.0 0.0 0.0#

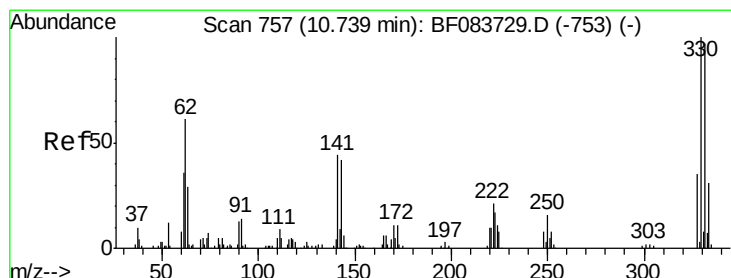
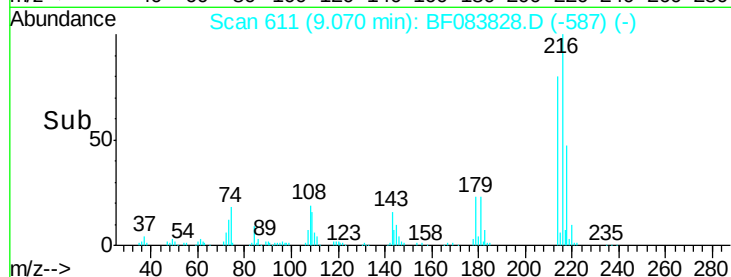
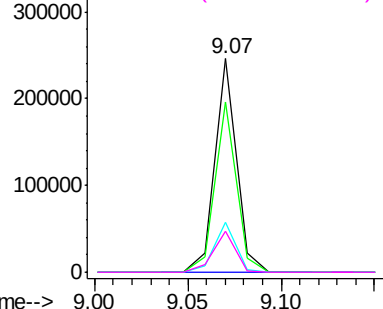


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 74.37 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

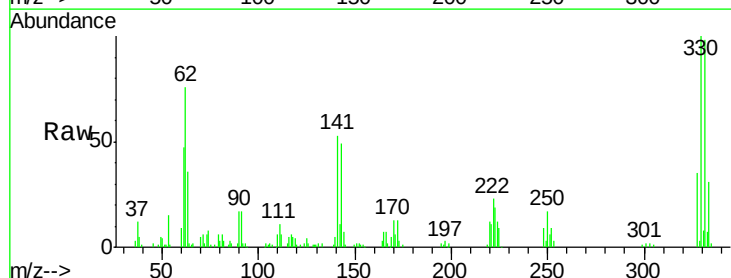
Tgt Ion:330 Resp: 107488

Ion Ratio Lower Upper

330 100

332 98.7 0.0 0.0#

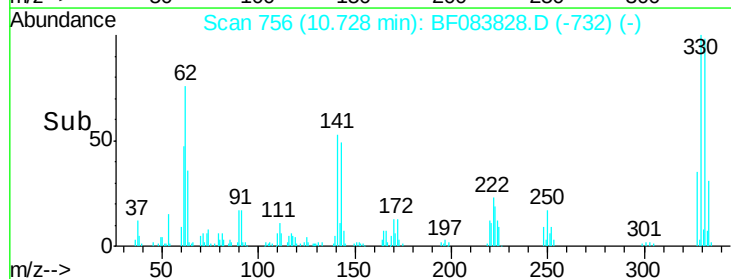
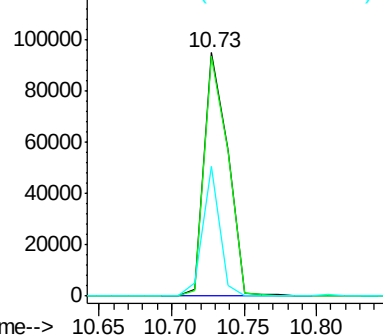
141 38.3 0.0 0.0#

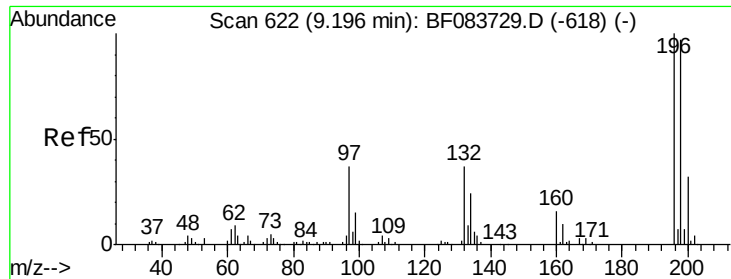


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

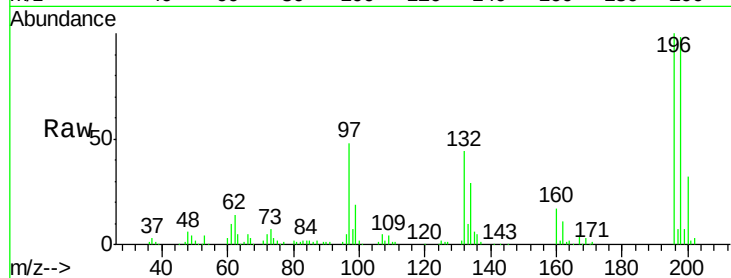




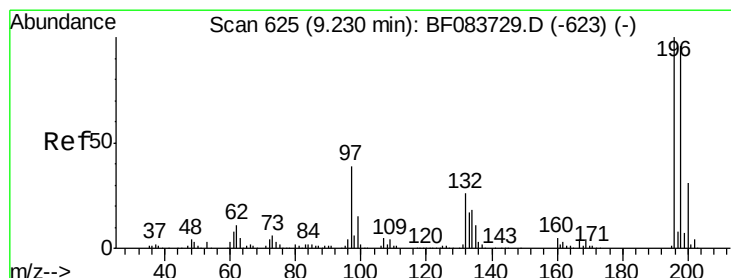
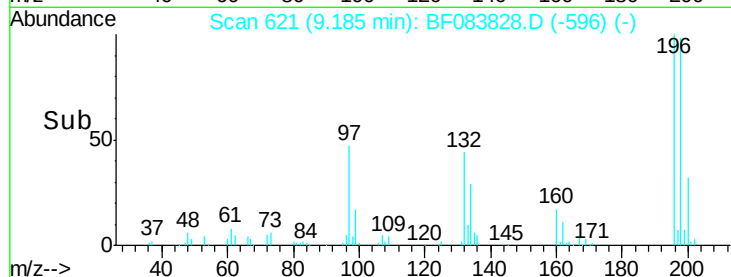
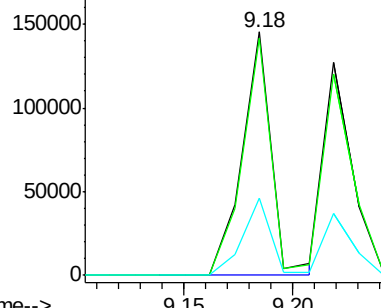
#42
 2,4,6-Trichlorophenol
 Concen: 44.70 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 136909
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.2 112.8
 200 31.7 23.0 34.6

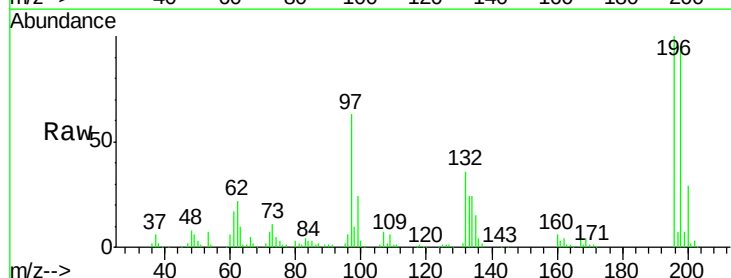


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

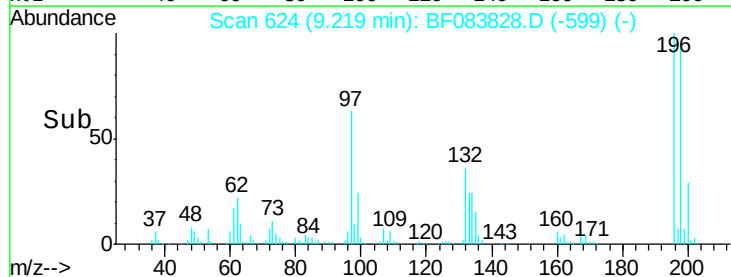
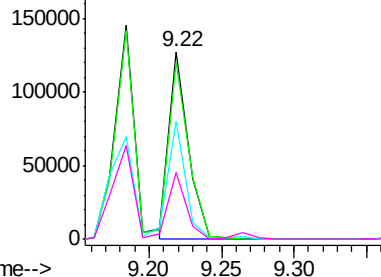


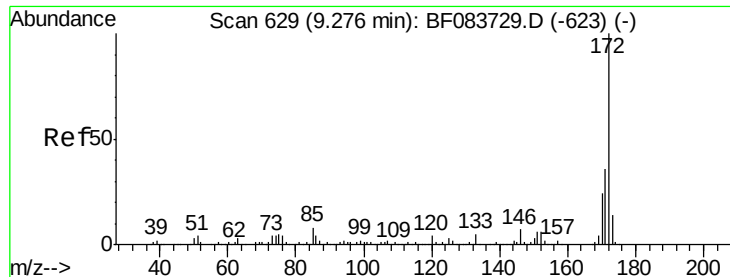
#43
 2,4,5-Trichlorophenol
 Concen: 40.64 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion:196 Resp: 118090
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.7 116.5
 97 63.1 41.2 61.8#
 132 35.6 21.8 32.8#



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





#44

2-Fluorobiphenyl

Concen: 83.73 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

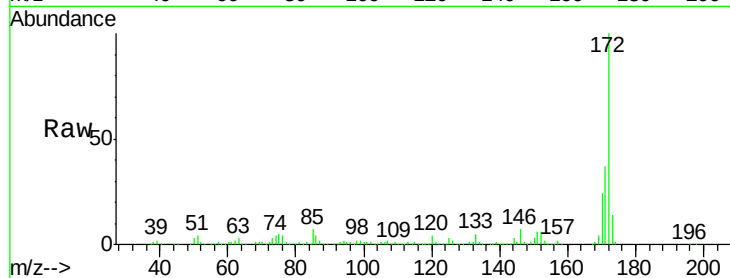
Tot Ion:172 Resp: 814394

Ion Ratio Lower Upper

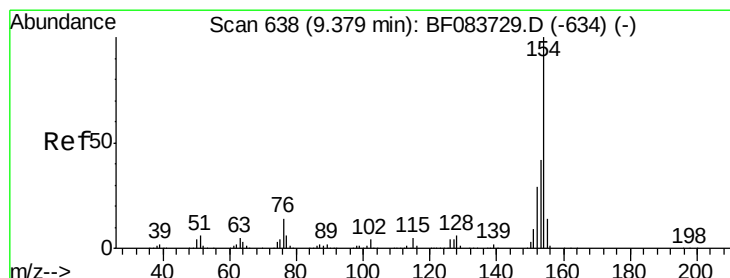
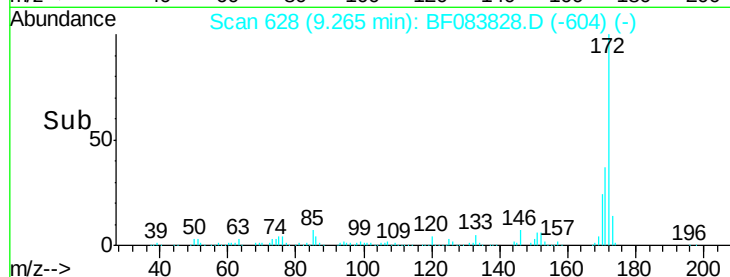
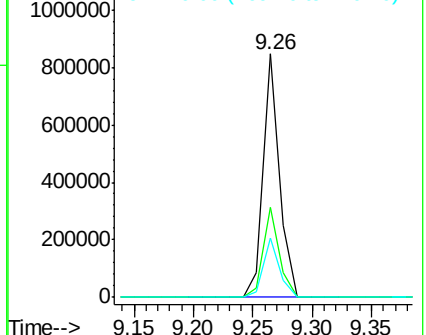
172 100

171 36.8 28.6 42.8

170 24.3 19.4 29.0



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: 45.34 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

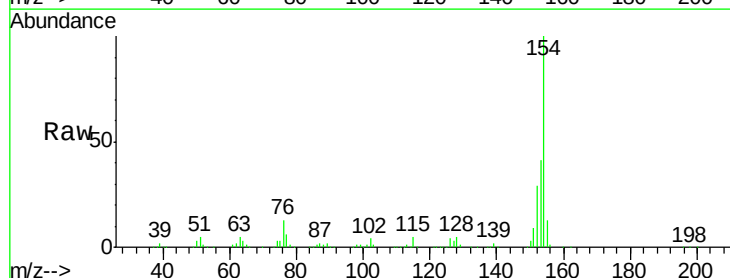
Tgt Ion:154 Resp: 570039

Ion Ratio Lower Upper

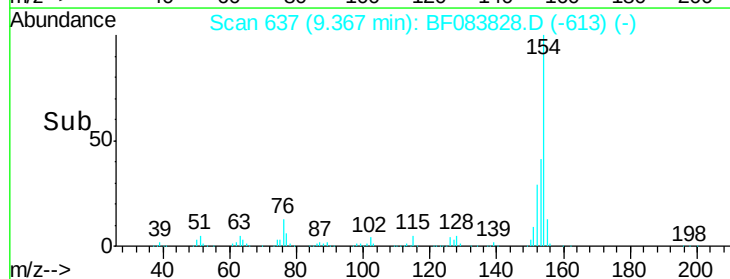
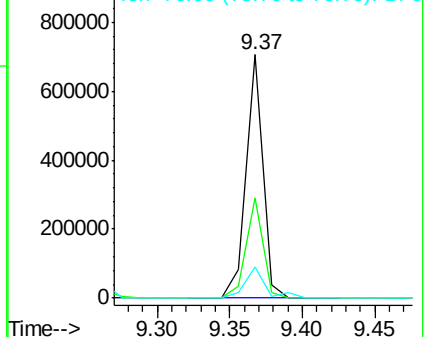
154 100

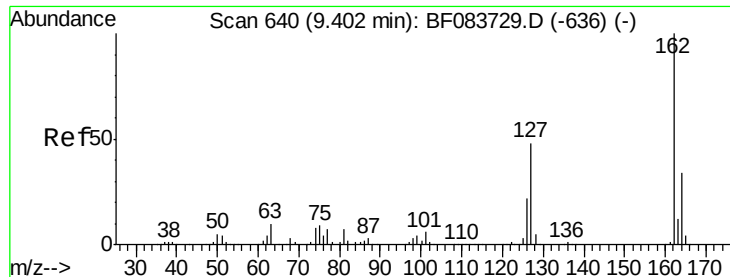
153 41.4 20.2 60.2

76 12.5 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

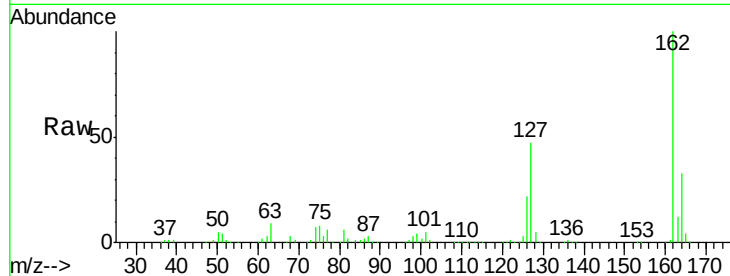




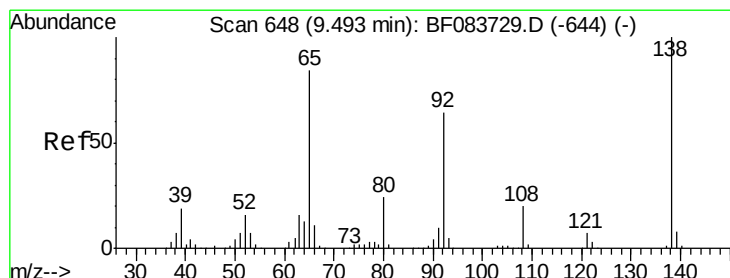
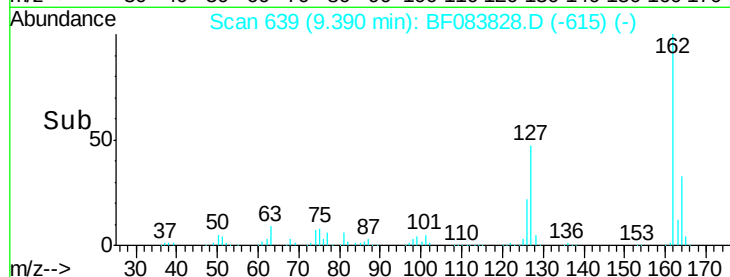
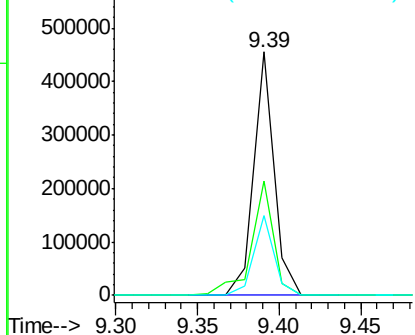
#46
 2-Chloronaphthalene
 Concen: 42.75 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 396734
 Ion Ratio Lower Upper
 162 100
 127 47.0 31.0 46.4#
 164 32.7 27.4 41.0

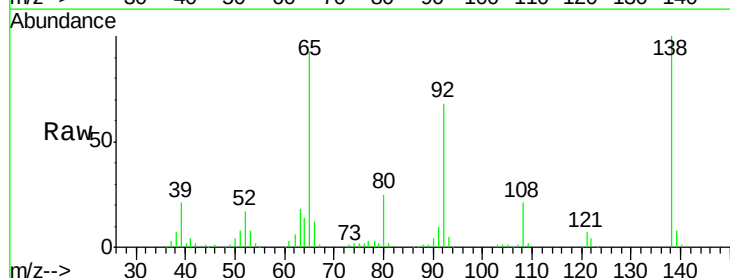


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

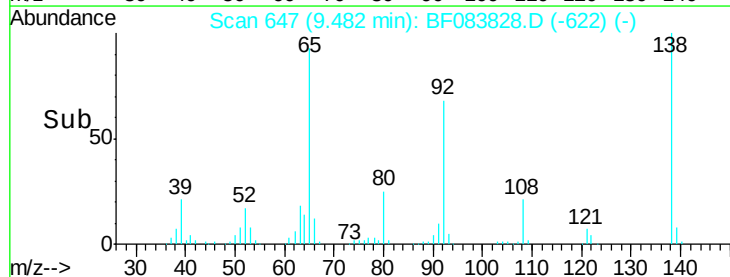
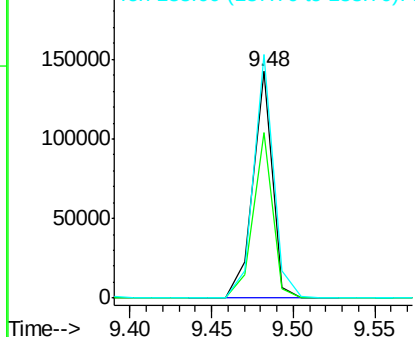


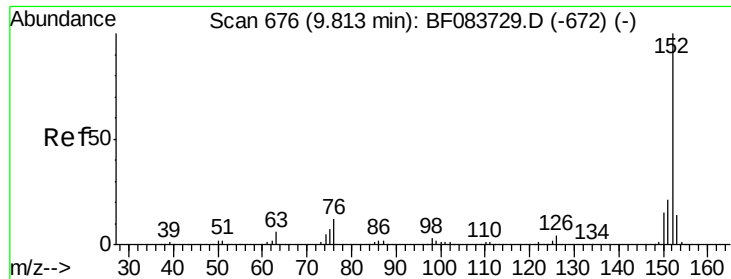
#47
 2-Nitroaniline
 Concen: 45.13 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion: 65 Resp: 118778
 Ion Ratio Lower Upper
 65 100
 92 72.9 49.6 74.4
 138 107.4 64.1 96.1#



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: 40.23 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

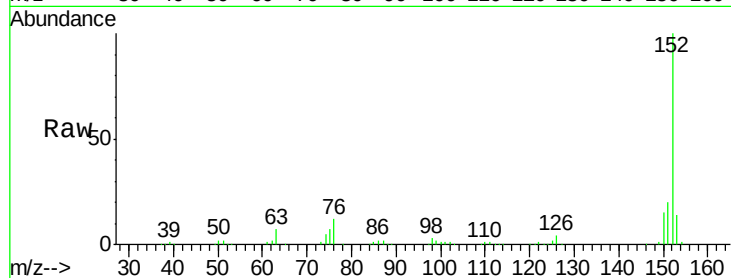
Tot Ion:152 Resp: 628175

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

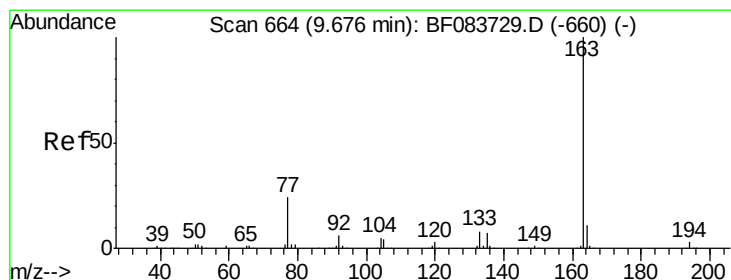
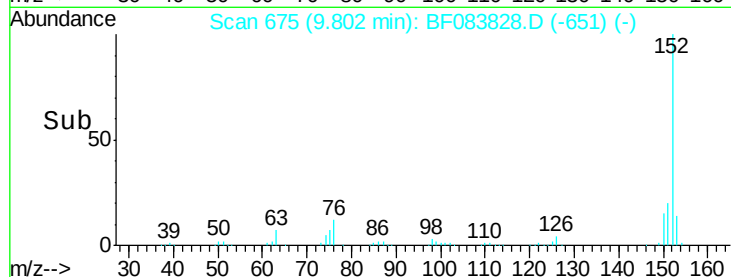
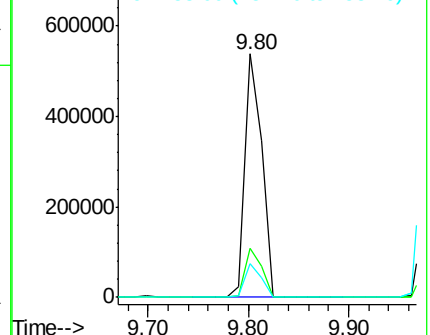
153 13.8 10.8 16.2



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: 42.23 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

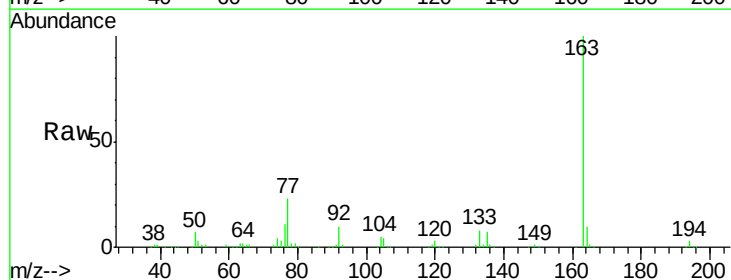
Tgt Ion:163 Resp: 467023

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

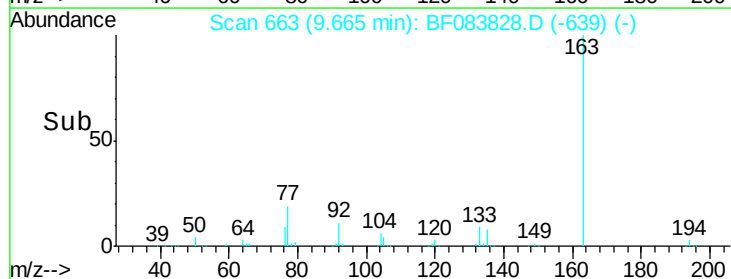
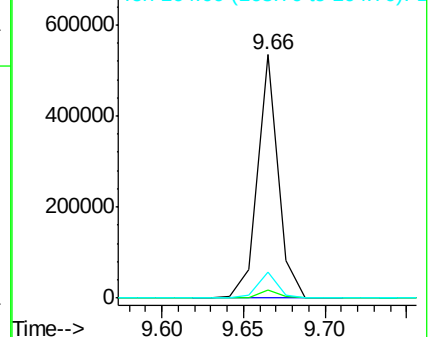
164 10.5 8.6 13.0

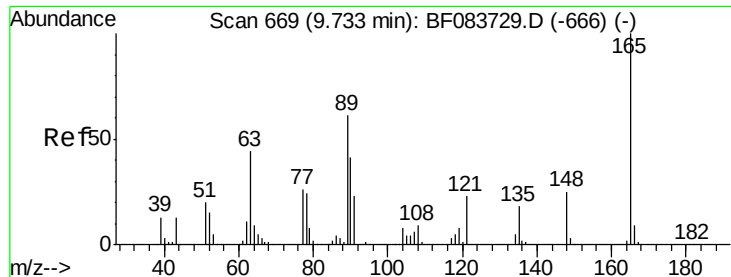


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

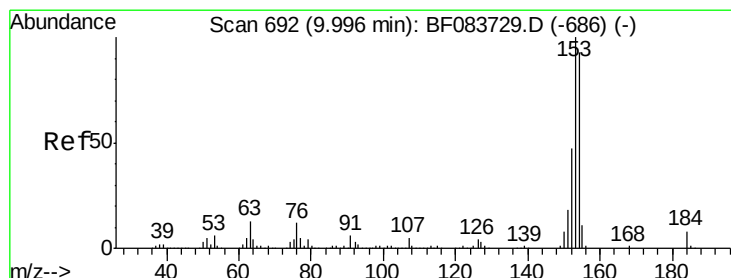
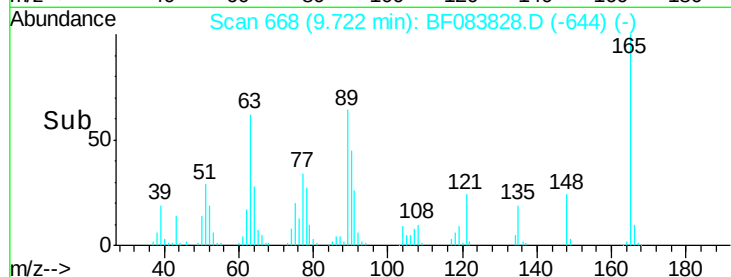
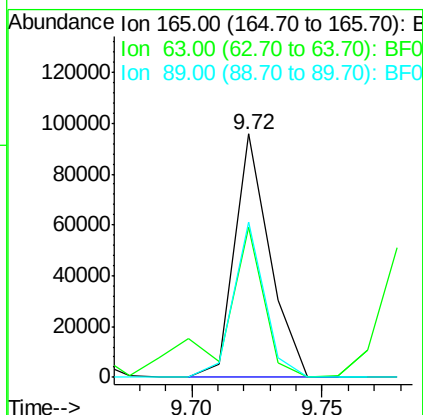
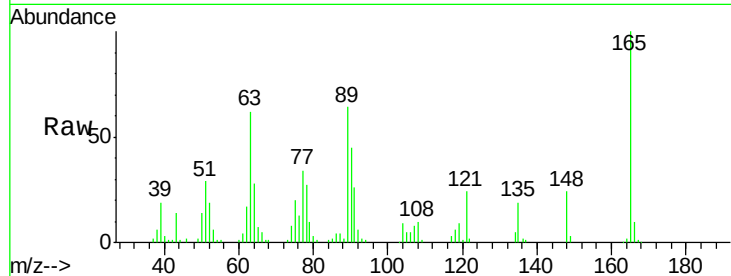




#50
2,6-Dinitrotoluene
Concen: 38.44 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

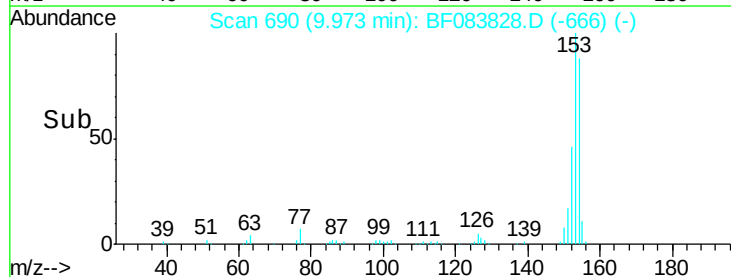
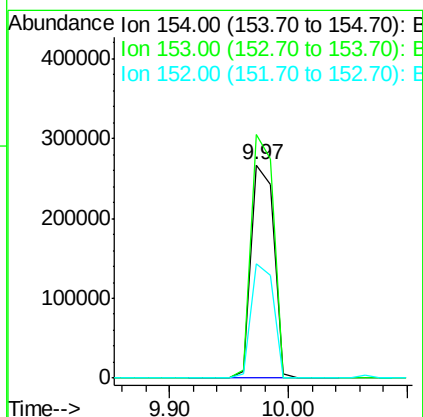
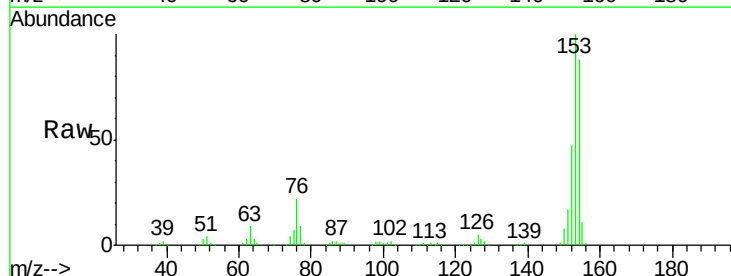
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

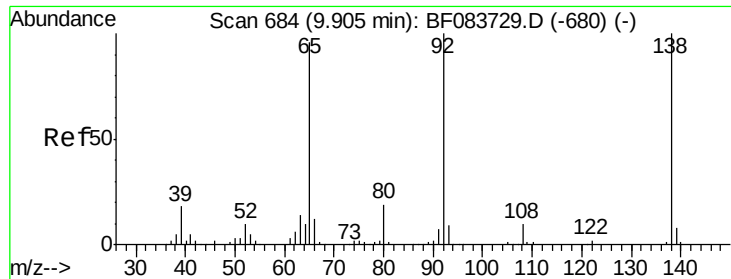
Tot Ion:165 Resp: 90217
Ion Ratio Lower Upper
165 100
63 61.9 56.9 85.3
89 63.6 52.1 78.1



#51
Acenaphthene
Concen: 38.40 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:154 Resp: 362471
Ion Ratio Lower Upper
154 100
153 114.1 91.4 137.0
152 53.6 43.4 65.2

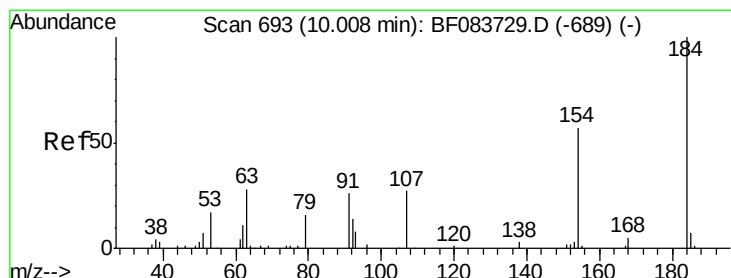
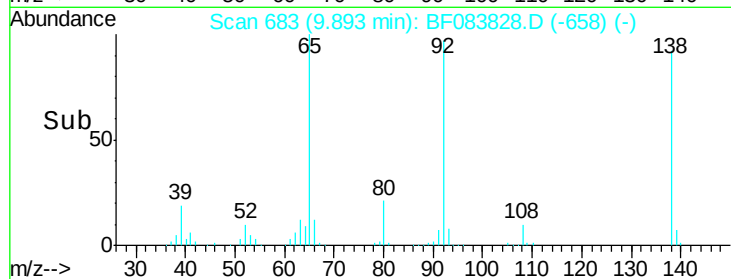
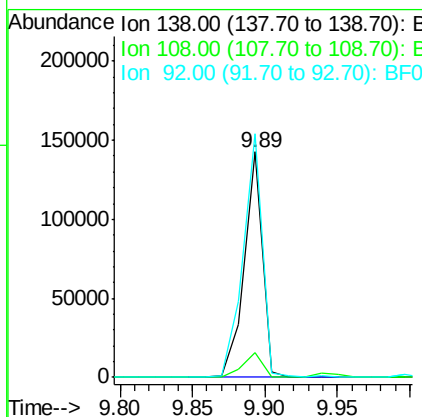
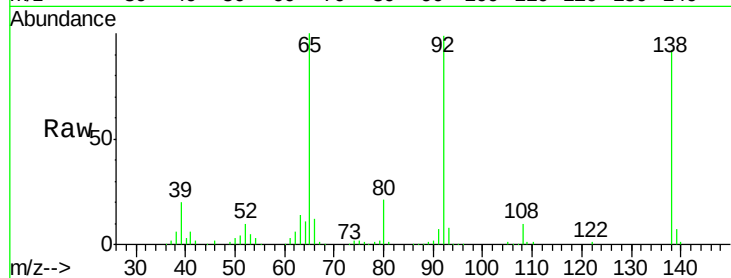




#52
 3-Nitroaniline
 Concen: 46.06 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

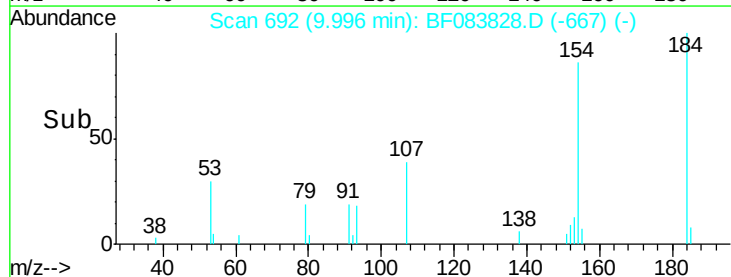
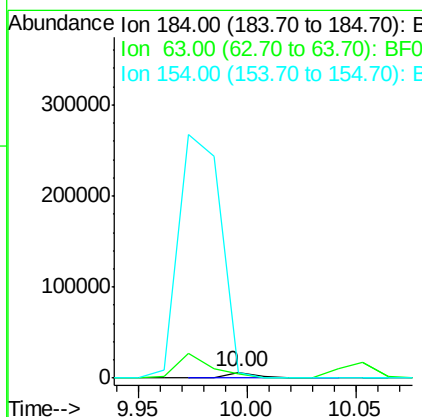
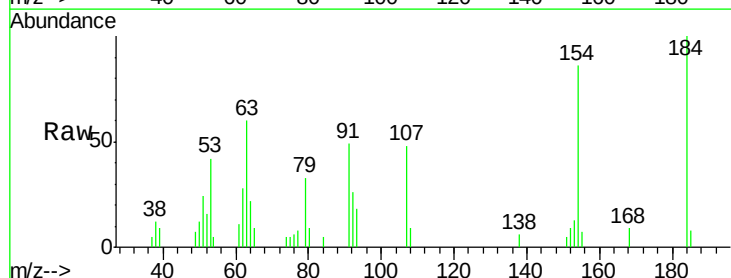
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

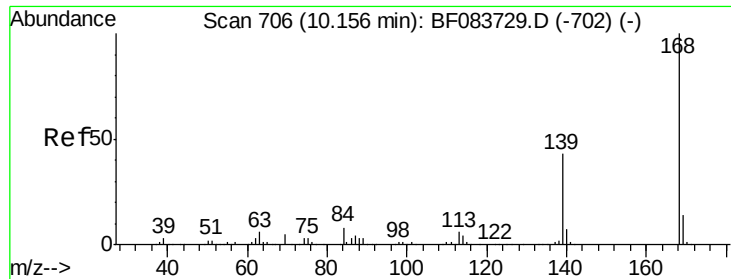
Tot Ion:138 Resp: 124653
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.9 14.9
 92 107.9 113.8 170.8#



#53
 2,4-Dinitrophenol
 Concen: 10.41 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion:184 Resp: 6125
 Ion Ratio Lower Upper
 184 100
 63 60.0 62.4 93.6#
 154 85.9 46.6 69.8#

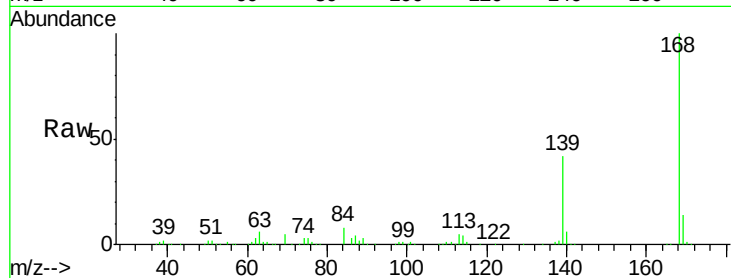




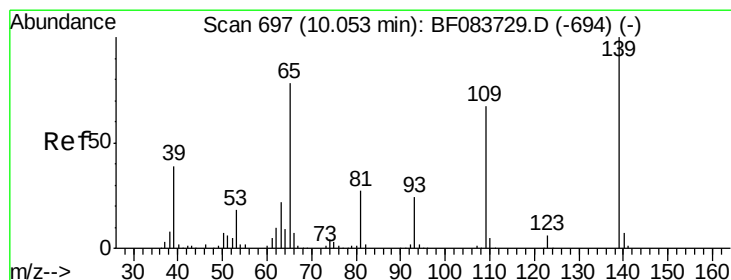
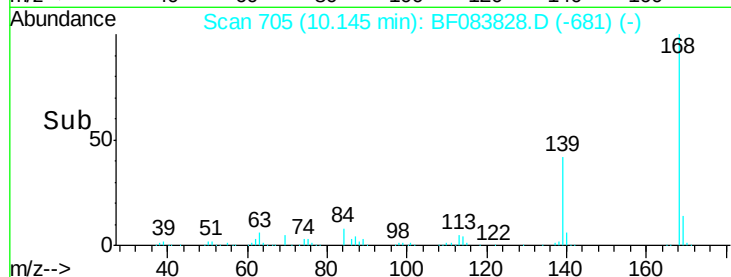
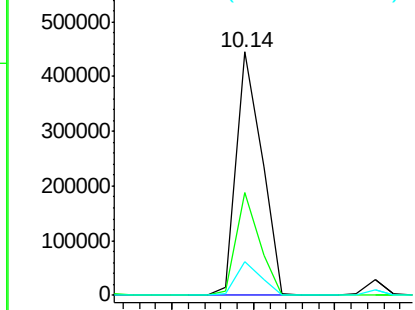
#54
Dibenzenofuran
Concen: 38.33 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 479367
Ion Ratio Lower Upper
168 100
139 42.5 28.0 42.0#
169 13.9 10.8 16.2

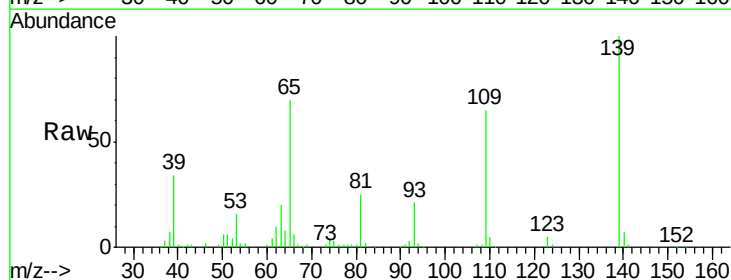


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

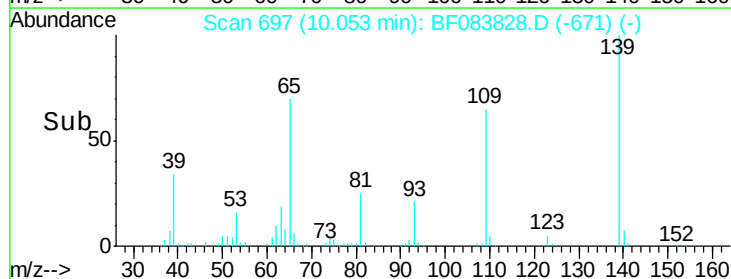
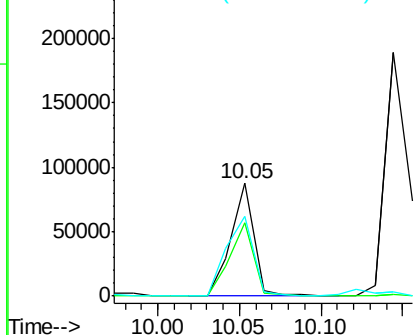


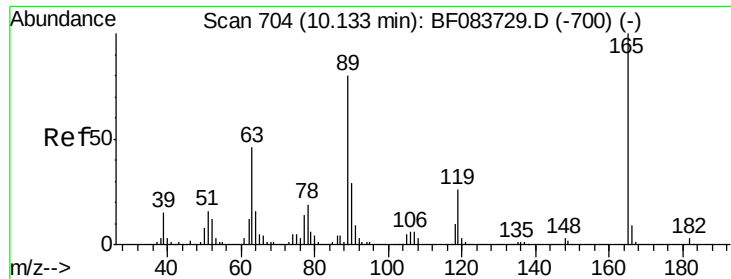
#55
4-Nitrophenol
Concen: 42.46 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:139 Resp: 85083
Ion Ratio Lower Upper
139 100
109 65.4 42.0 82.0
65 70.4 89.2 129.2#



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





#56

2,4-Dinitrotoluene

Concen: 36.72 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 112594

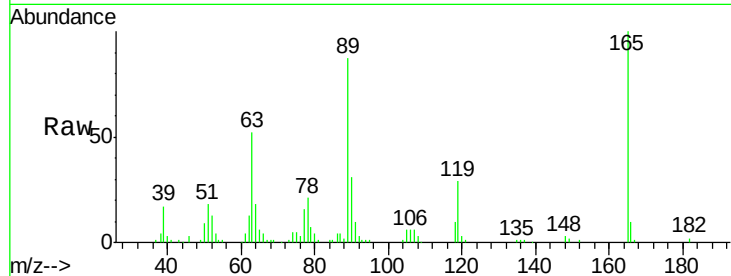
Ion Ratio Lower Upper

165 100

63 52.5 51.4 77.2

89 86.5 72.6 108.8

182 2.4 1.4 2.0#

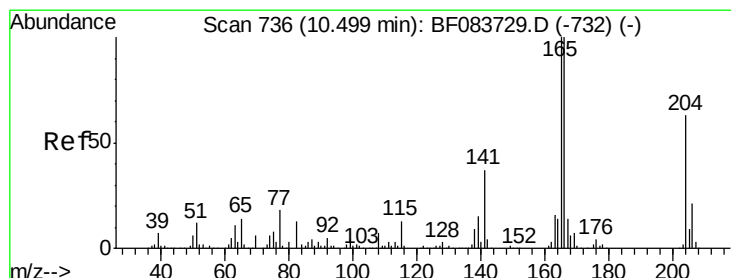
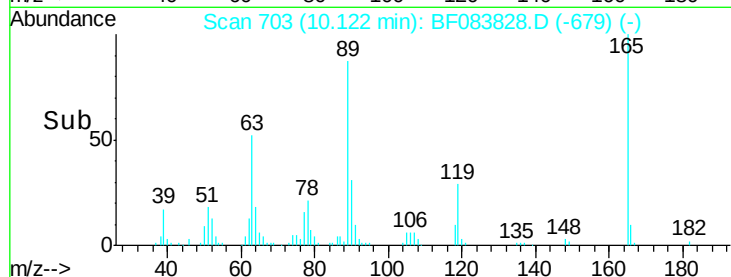
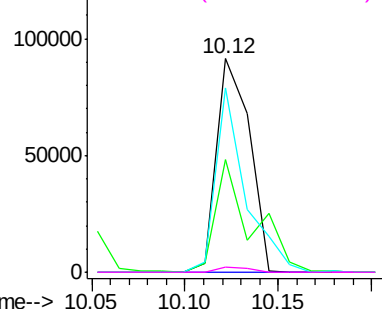


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.58 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

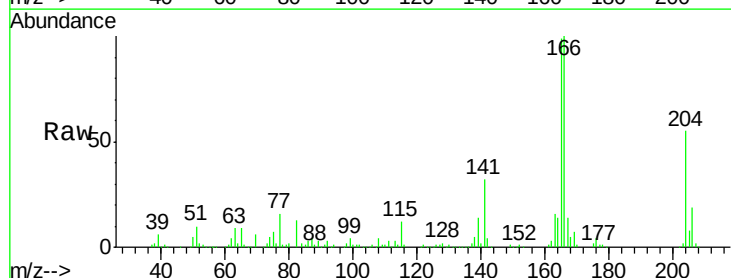
Tgt Ion:166 Resp: 370122

Ion Ratio Lower Upper

166 100

165 99.2 80.0 120.0

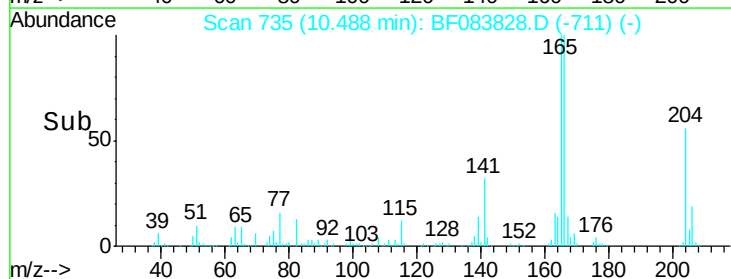
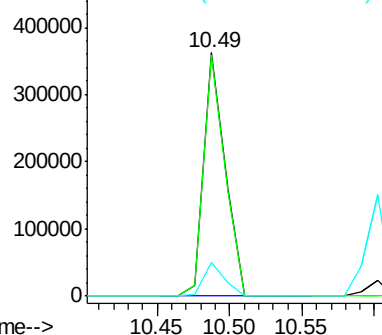
167 13.9 10.6 16.0

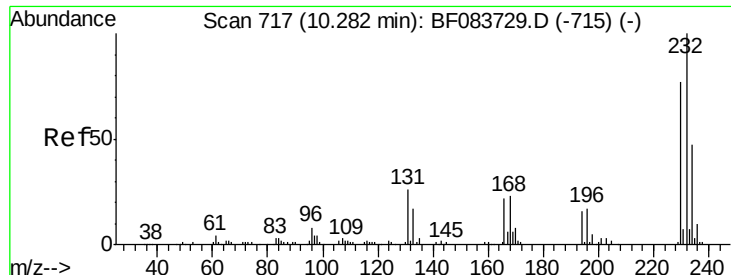


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

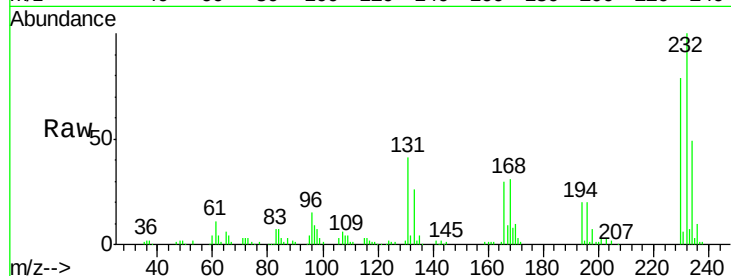




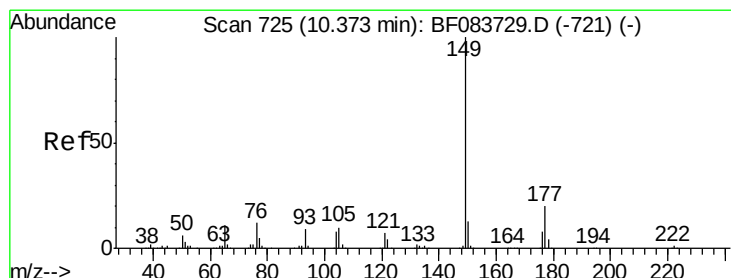
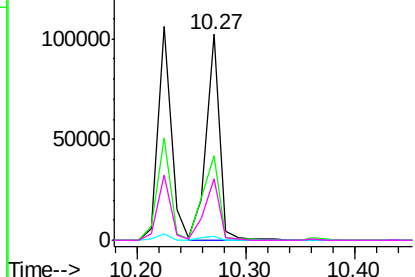
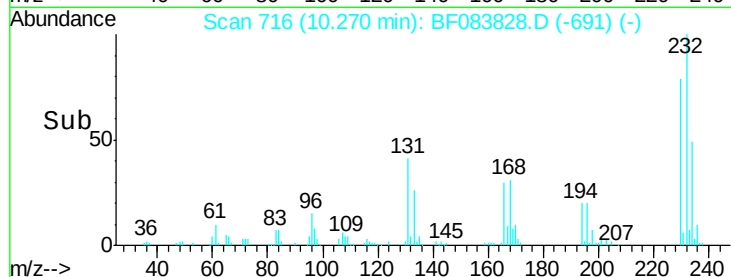
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.10 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 89571
 Ion Ratio Lower Upper
 232 100
 131 49.8 0.0 0.0#
 130 2.5 0.0 0.0#
 166 33.2 0.0 0.0#

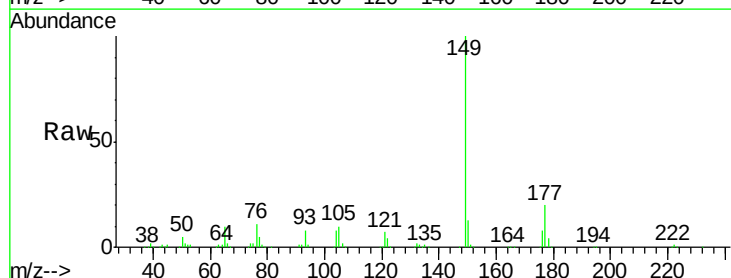


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

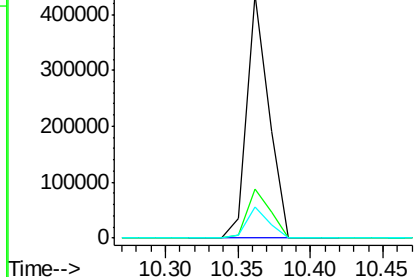
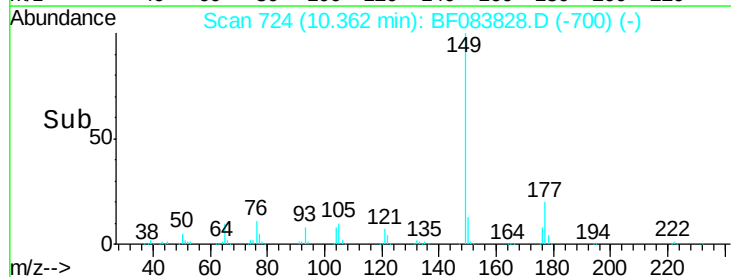


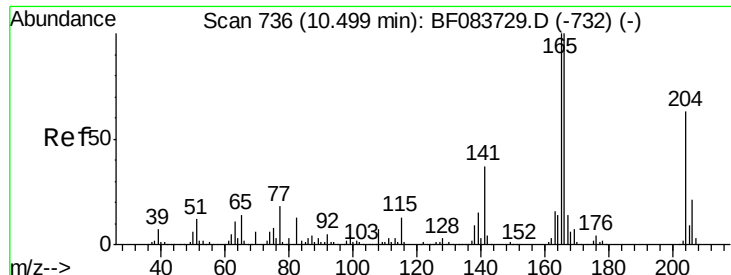
#59
 Diethylphthalate
 Concen: 40.53 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion:149 Resp: 453726
 Ion Ratio Lower Upper
 149 100
 177 20.0 16.9 25.3
 150 12.9 10.2 15.4



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

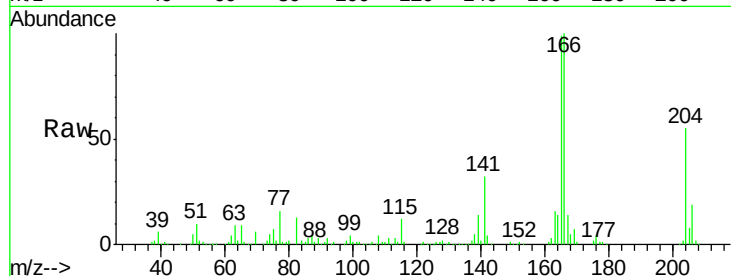




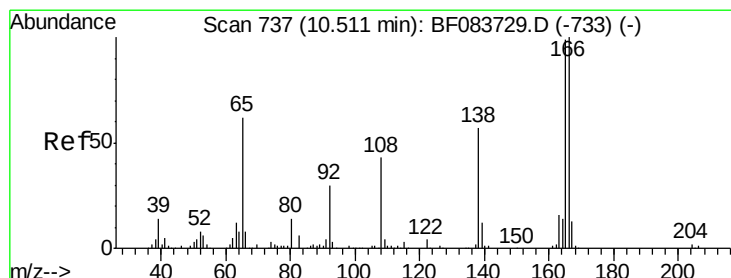
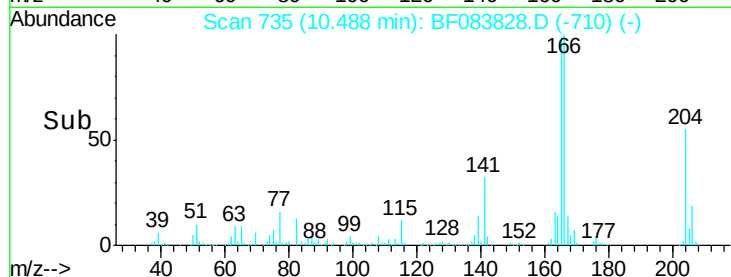
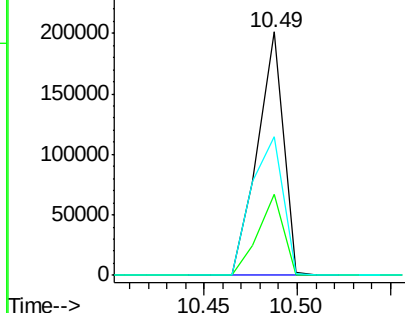
#60
4-Chlorophenyl-phenylether
Concen: 43.02 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 193191
Ion Ratio Lower Upper
204 100
206 33.4 27.3 40.9
141 56.9 51.9 77.9

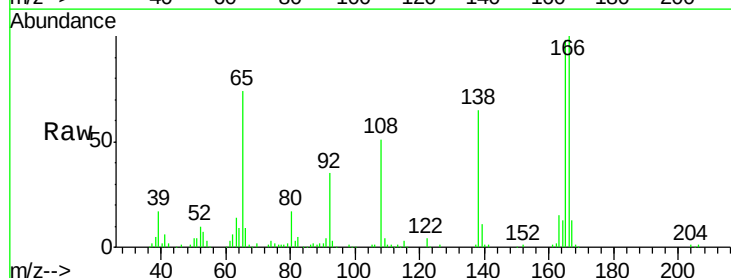


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

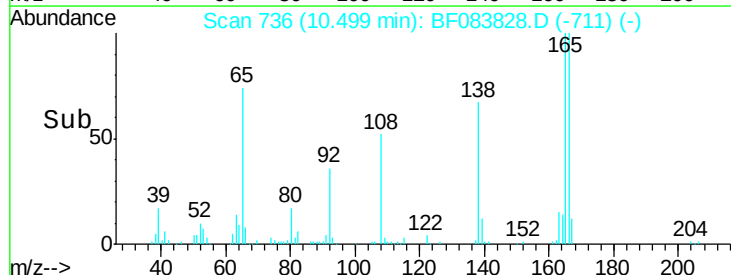
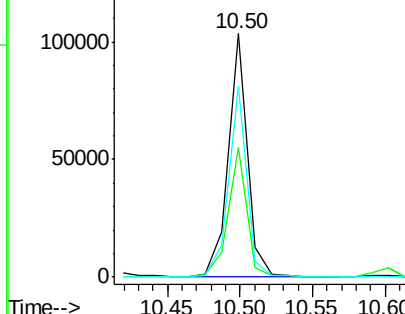


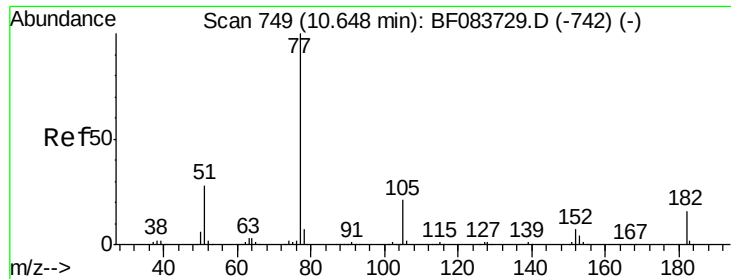
#61
4-Nitroaniline
Concen: 40.41 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:138 Resp: 96395
Ion Ratio Lower Upper
138 100
92 53.5 29.0 69.0
108 78.4 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.66 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 384300

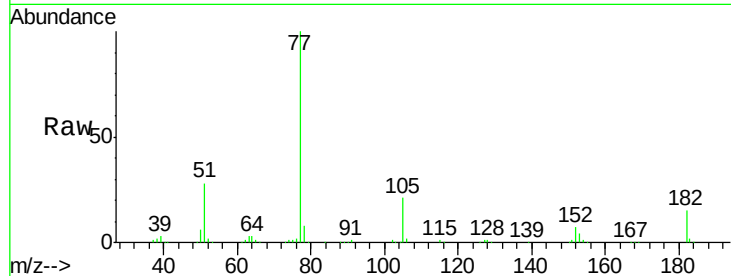
Ion Ratio Lower Upper

77 100

182 15.0 2.5 42.5

105 21.4 2.1 42.1

51 28.4 9.3 49.3

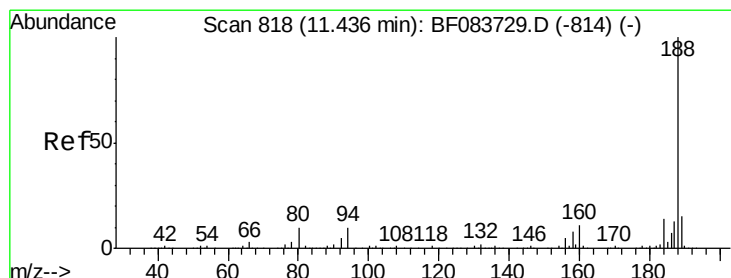
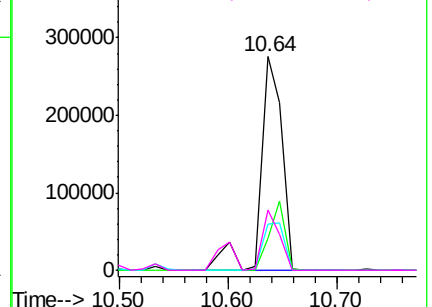
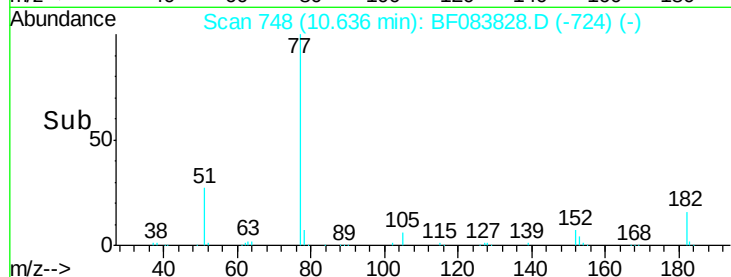


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

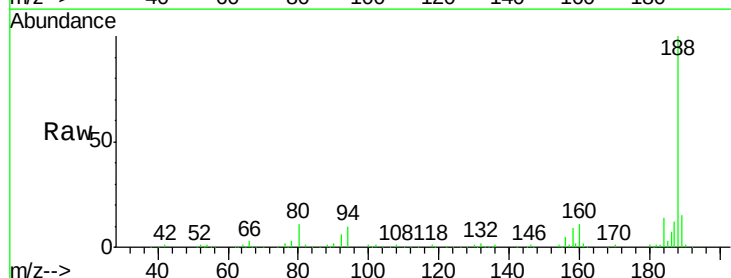
Tgt Ion: 188 Resp: 243751

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

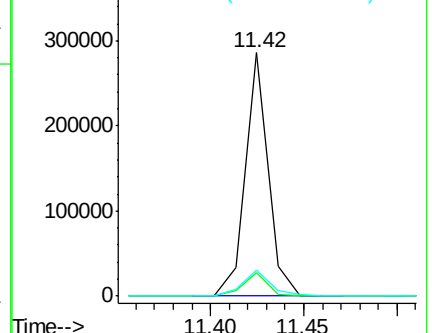
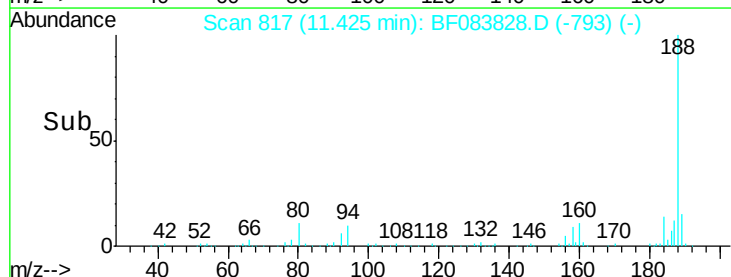
80 10.6 10.6 16.0#

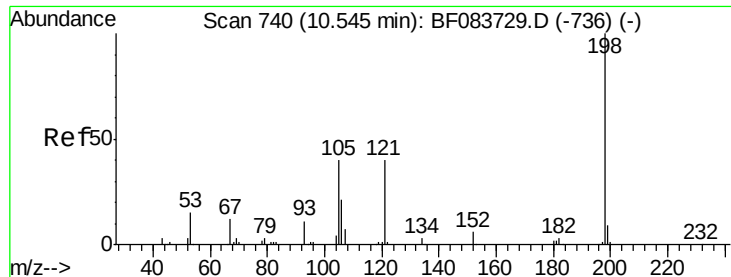


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

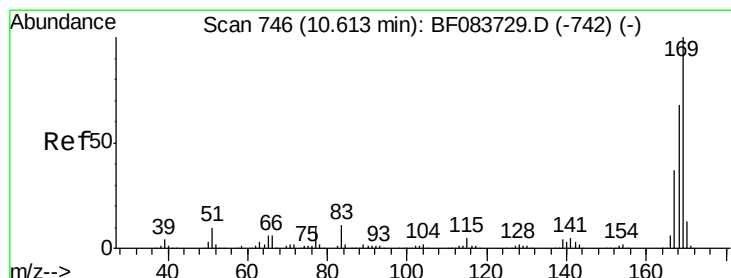
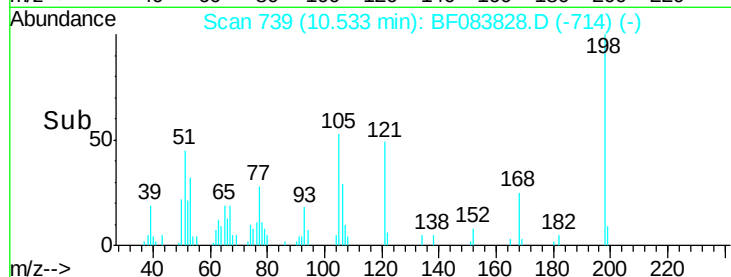
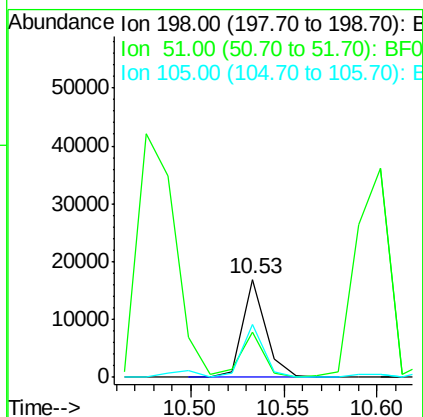
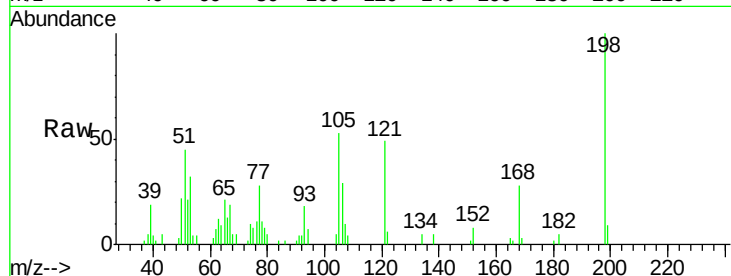




#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.57 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

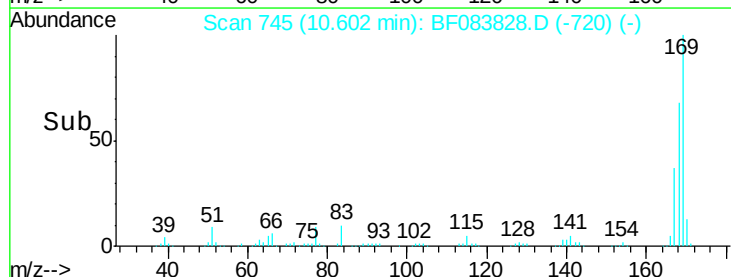
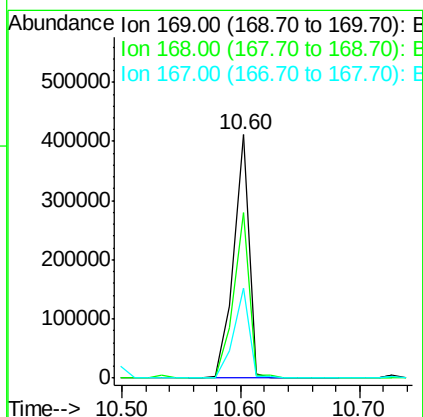
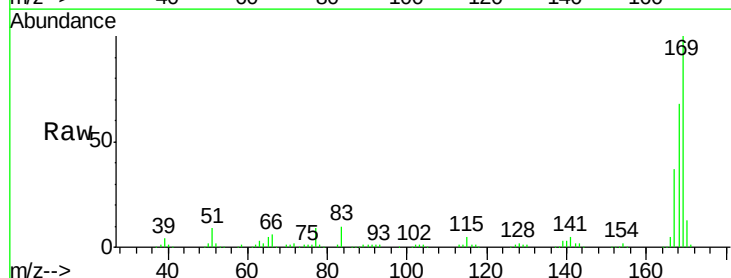
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

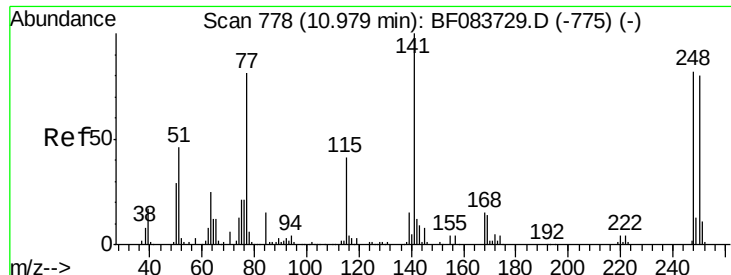
Tot Ion:198 Resp: 14660
 Ion Ratio Lower Upper
 198 100
 51 45.5 53.8 93.8#
 105 53.4 38.6 78.6



#65
 n-Nitrosodiphenylamine
 Concen: 44.84 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion:169 Resp: 373766
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.0 79.6
 167 36.8 29.3 43.9





#66

4-Bromophenyl-phenylether

Concen: 40.53 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

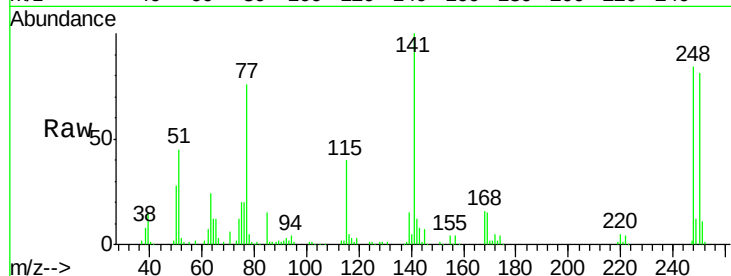
Tot Ion:248 Resp: 110457

Ion Ratio Lower Upper

248 100

250 96.5 79.2 118.8

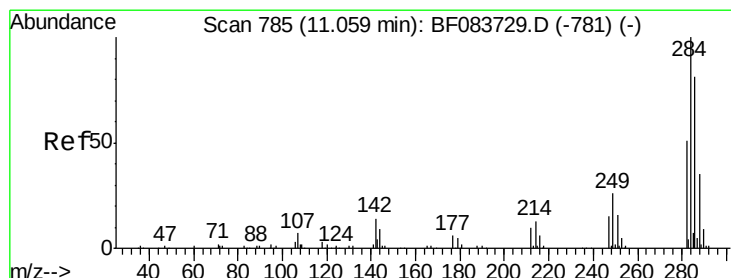
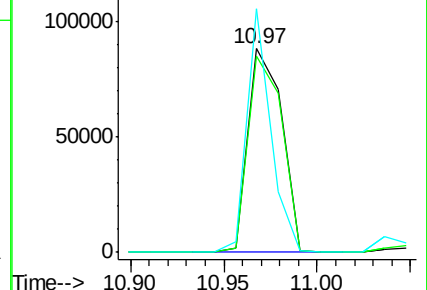
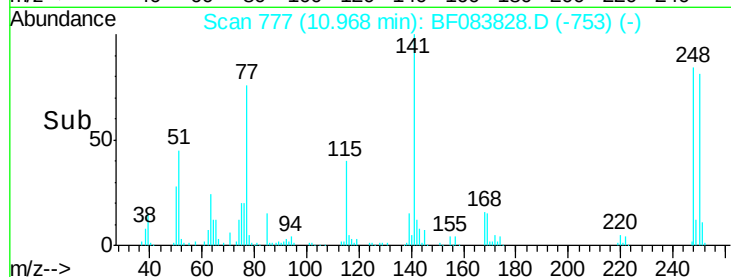
141 119.7 58.2 87.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 42.88 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

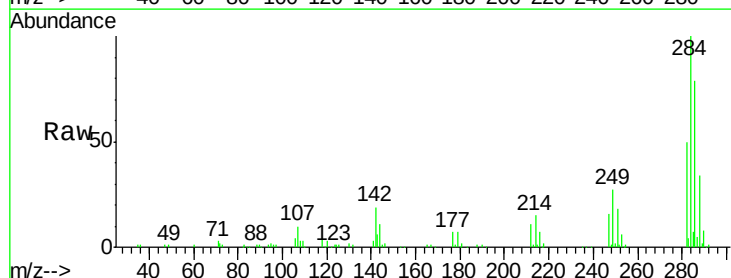
Tgt Ion:284 Resp: 126452

Ion Ratio Lower Upper

284 100

142 19.0 31.0 46.4#

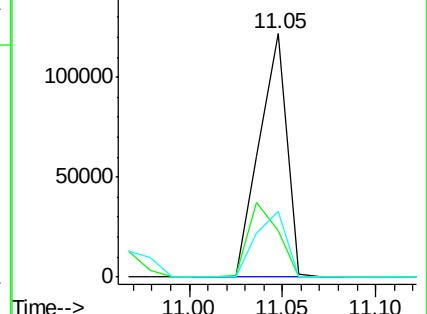
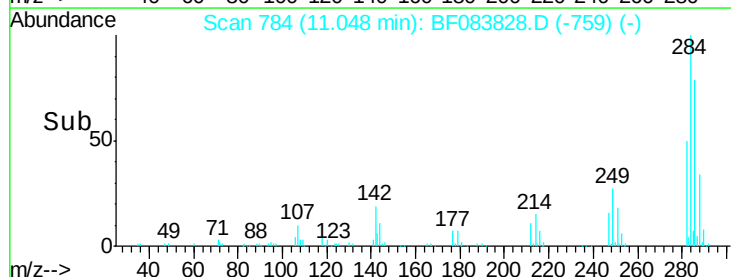
249 26.9 26.9 40.3

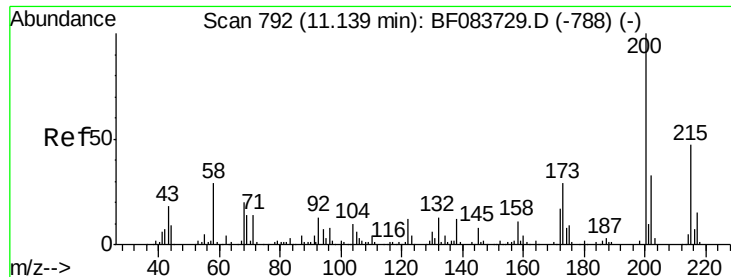


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

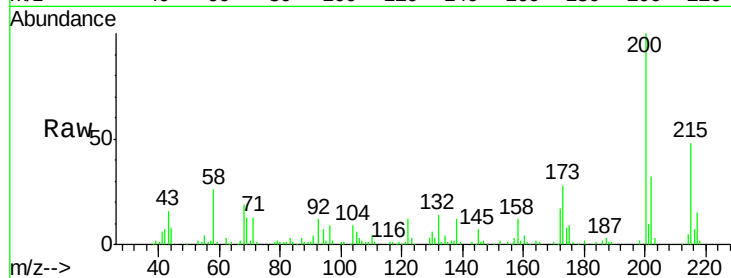




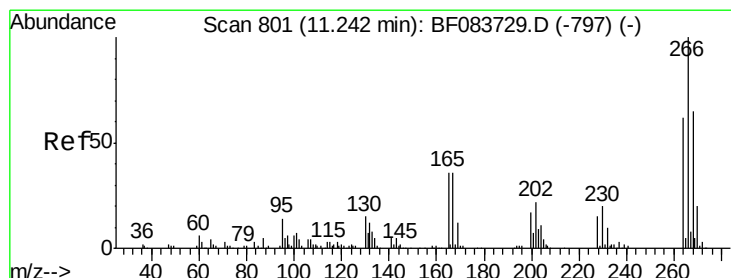
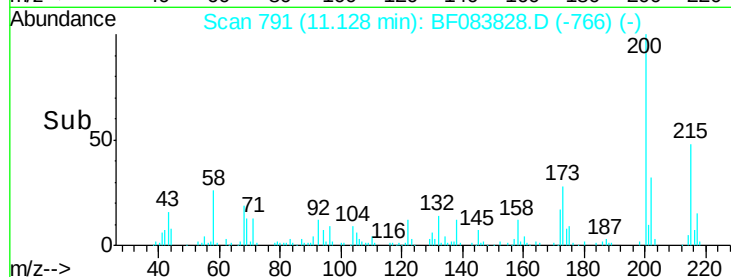
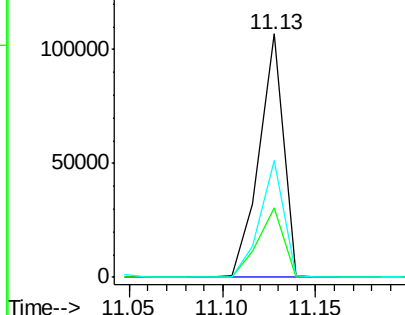
#68
Atrazine
Concen: 40.77 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 96713
Ion Ratio Lower Upper
200 100
173 28.4 7.8 47.8
215 48.2 25.7 65.7

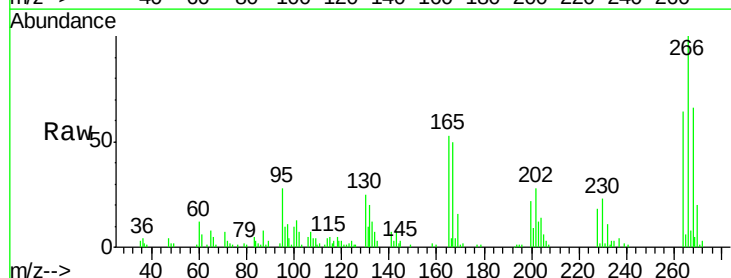


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

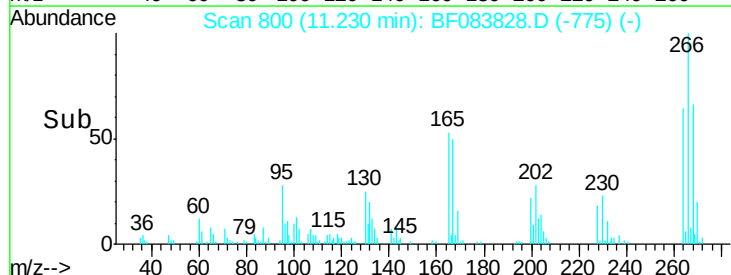
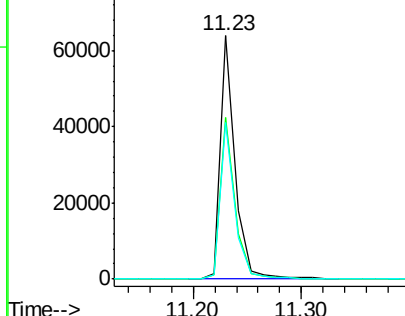


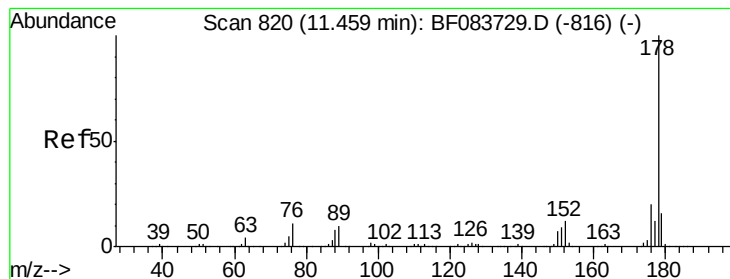
#69
Pentachlorophenol
Concen: 36.50 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:266 Resp: 60716
Ion Ratio Lower Upper
266 100
268 66.4 50.2 75.2
264 64.4 51.4 77.2



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





#70

Phenanthrene

Concen: 39.83 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

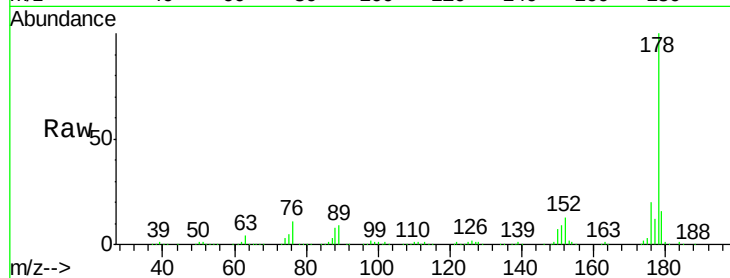
Tot Ion:178 Resp: 515705

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

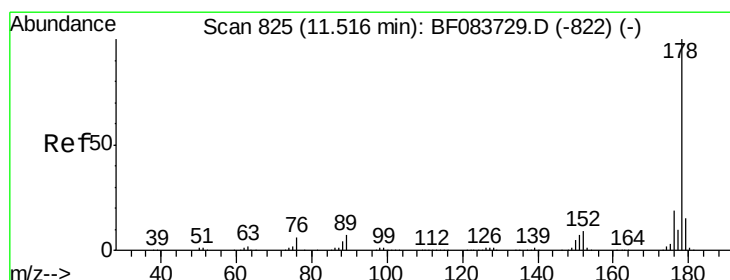
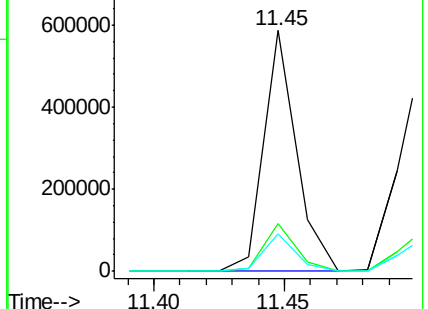
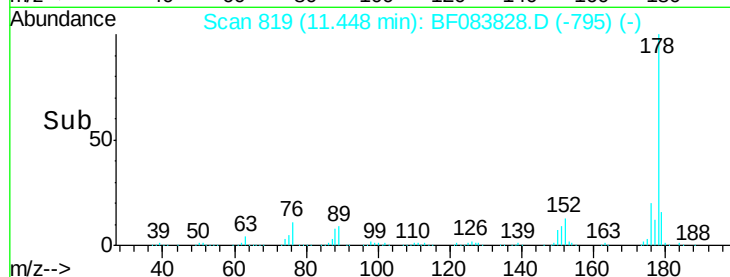
179 15.8 12.2 18.4



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: 43.70 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

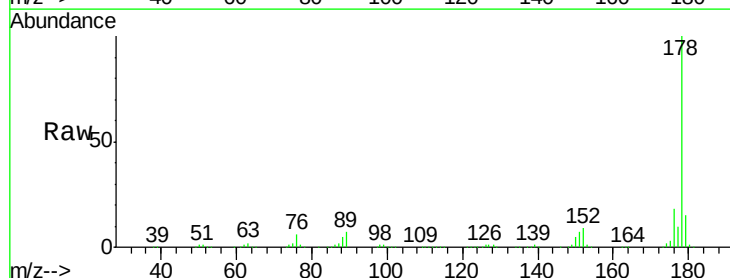
Tgt Ion:178 Resp: 587651

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

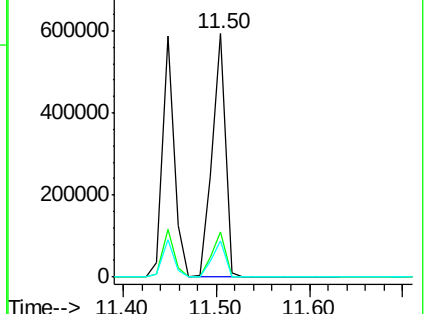
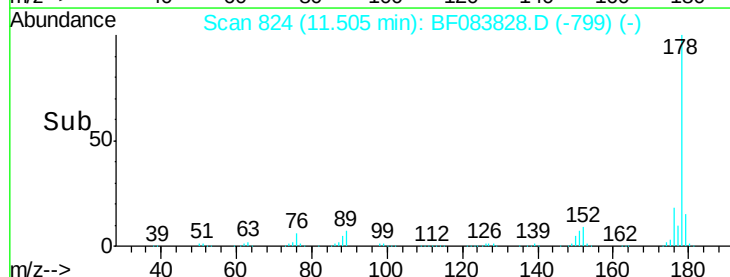
179 15.0 12.6 18.8

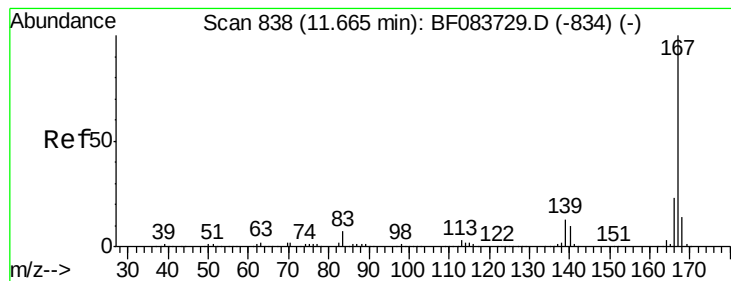


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.95 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

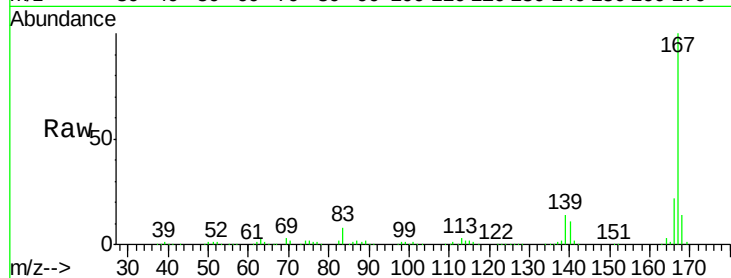
Tot Ion:167 Resp: 525670

Ion Ratio Lower Upper

167 100

166 22.4 17.2 25.8

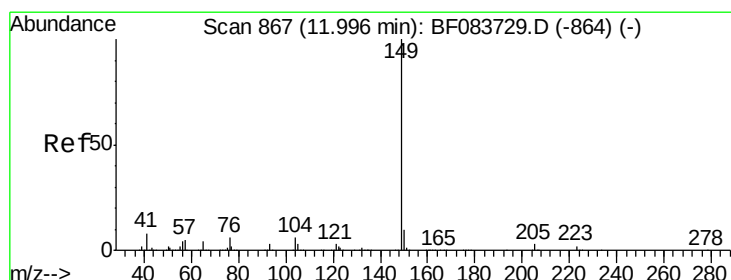
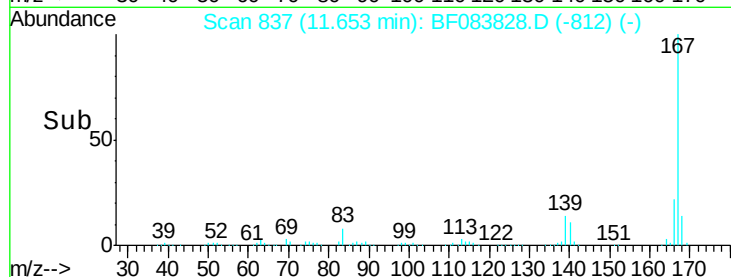
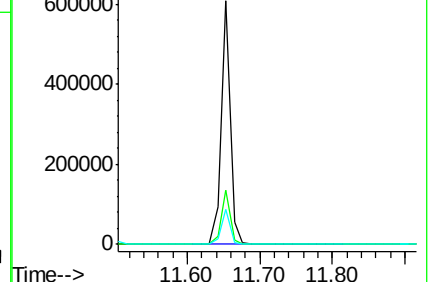
139 14.1 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.98 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

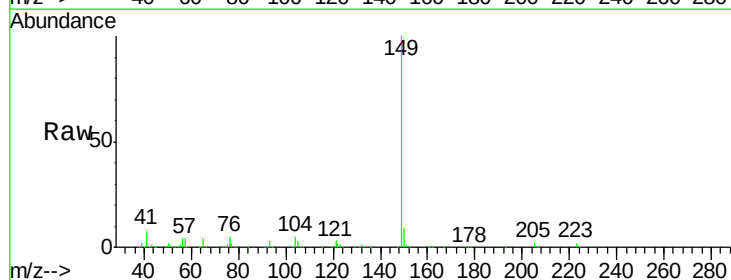
Tgt Ion:149 Resp: 638881

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

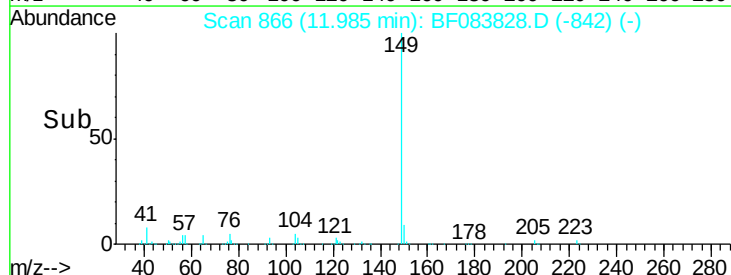
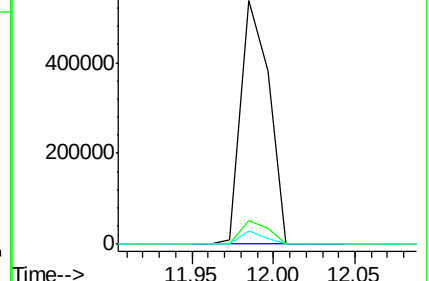
104 5.4 3.9 5.9

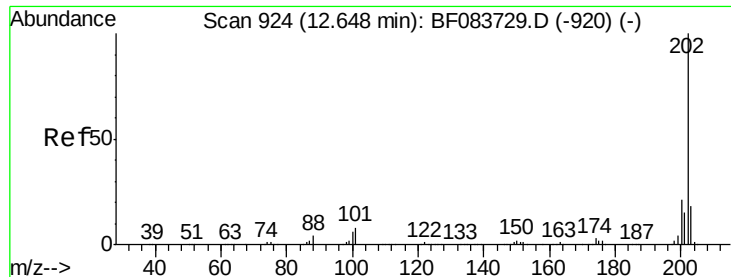


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

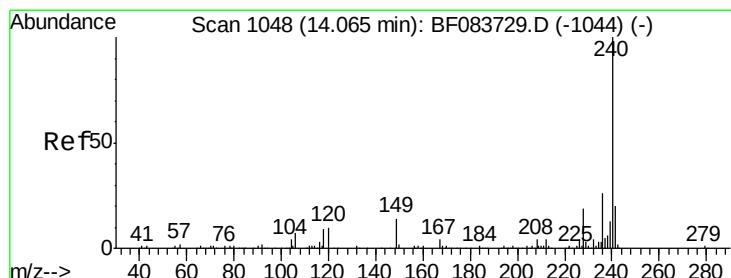
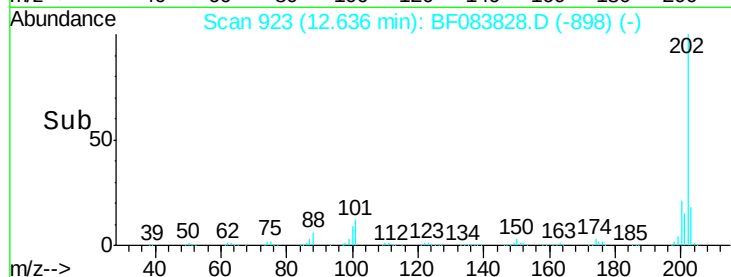
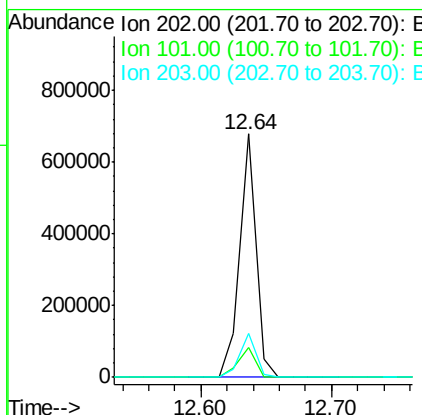
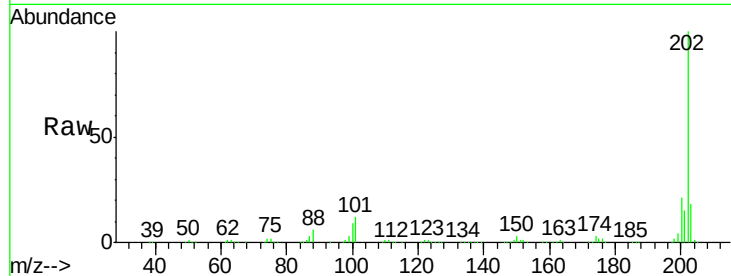




#74
 Fluoranthene
 Concen: 44.01 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

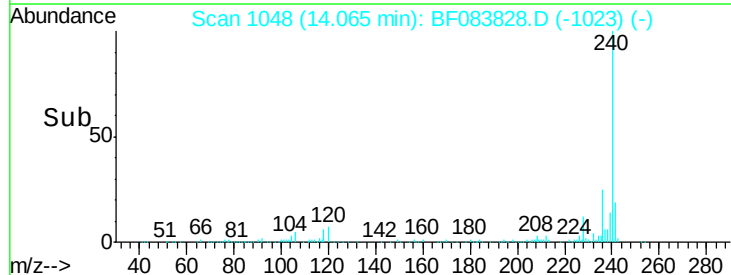
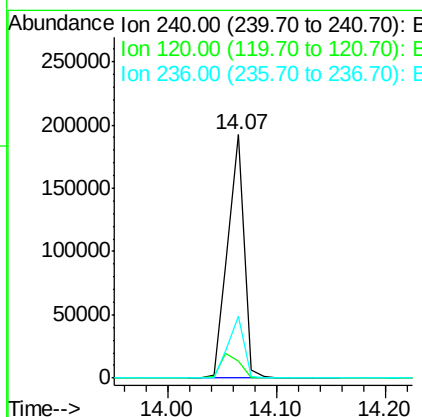
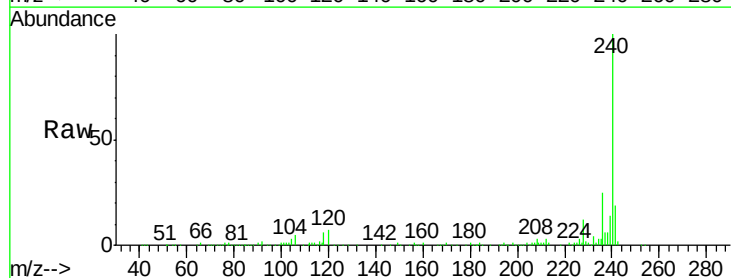
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

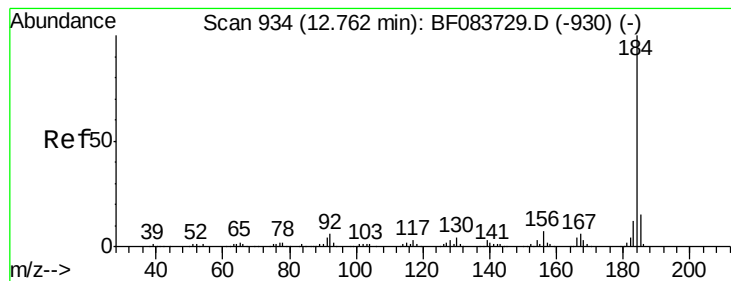
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	18.0	0.0	37.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF083828.D
 Acq: 15 Dec 2015 22:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.1	12.1#
236	25.4	20.8	31.2





#76

Benzidine

Concen: 54.98 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

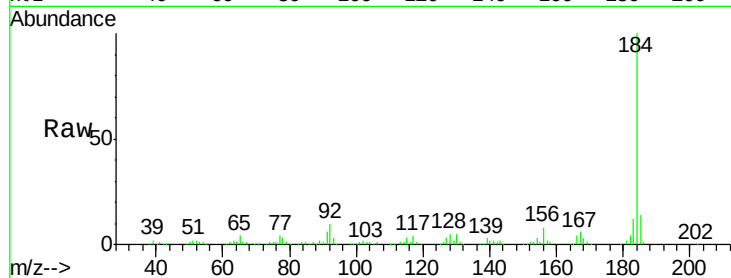
Tot Ion:184 Resp: 337010

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

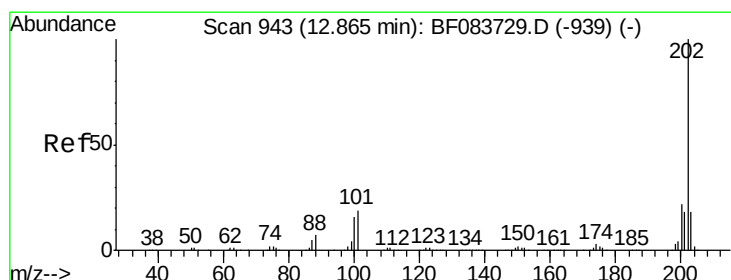
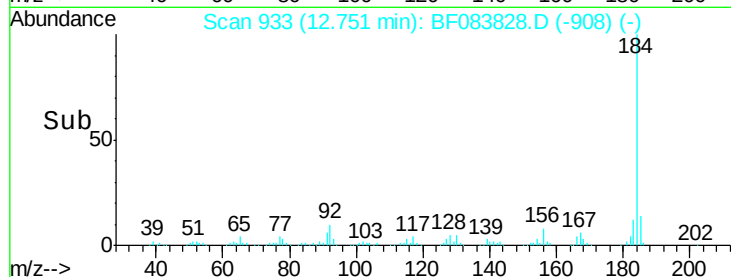
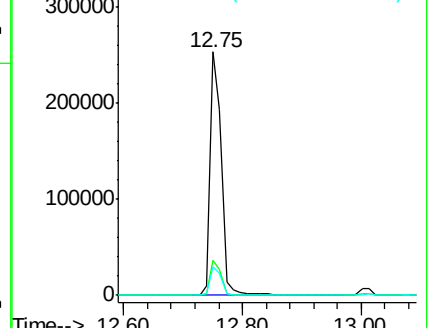
183 12.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.07 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

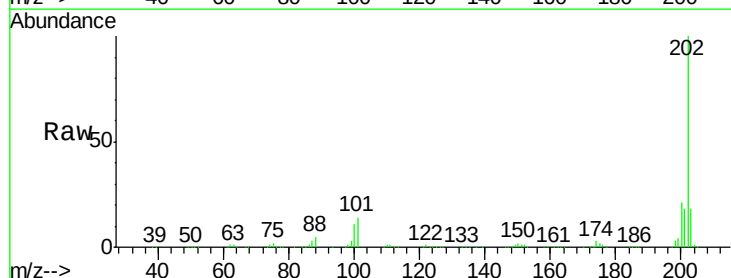
Tgt Ion:202 Resp: 605182

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

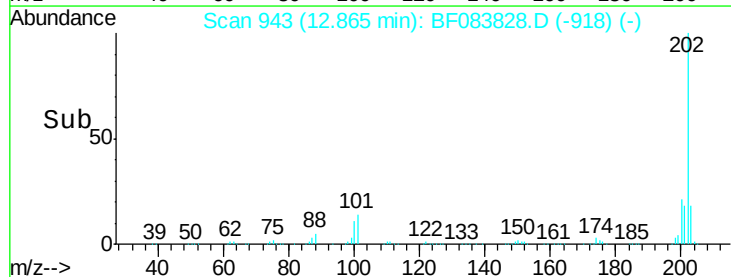
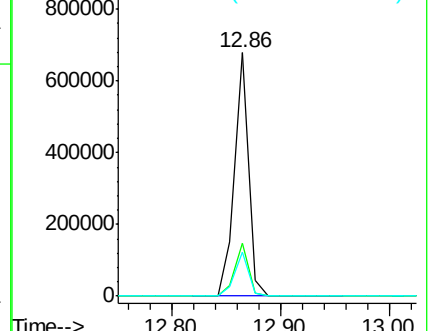
203 17.9 14.3 21.5

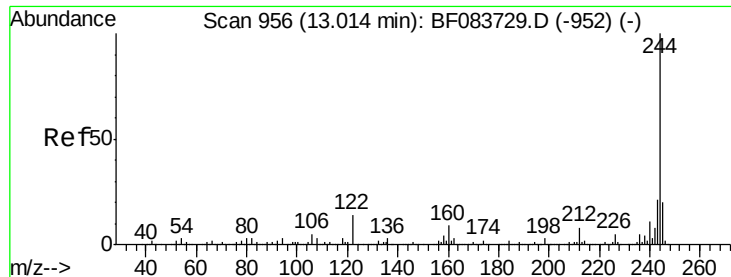


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.49 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

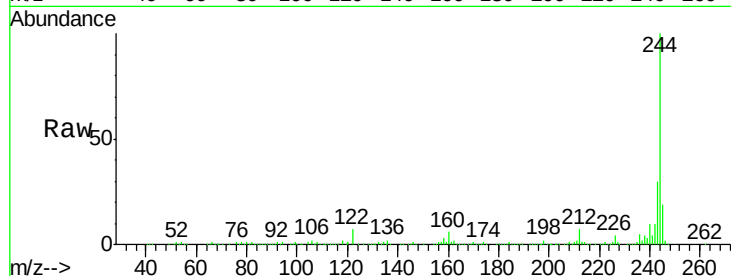
Tot Ion:244 Resp: 762031

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

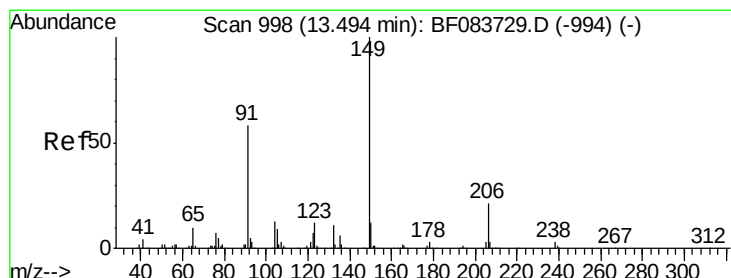
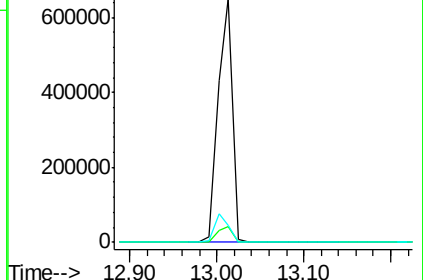
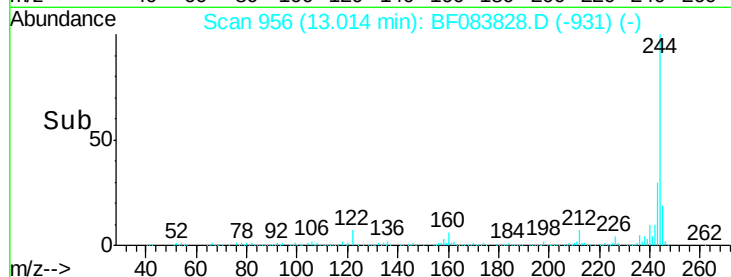
122 7.0 11.0 16.6#



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: 42.83 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

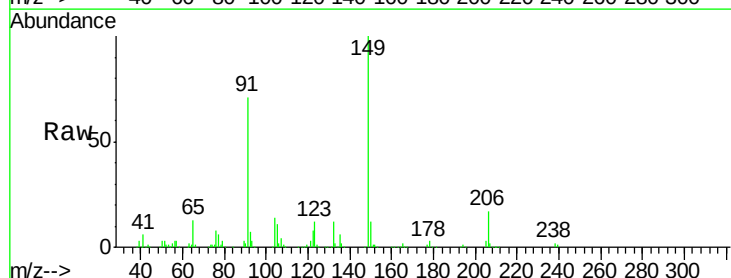
Tgt Ion:149 Resp: 292259

Ion Ratio Lower Upper

149 100

91 70.8 60.0 90.0

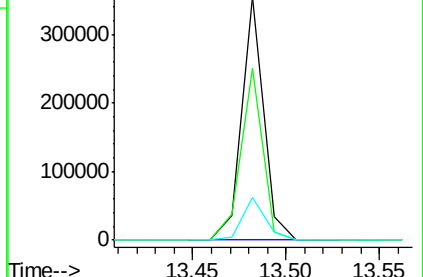
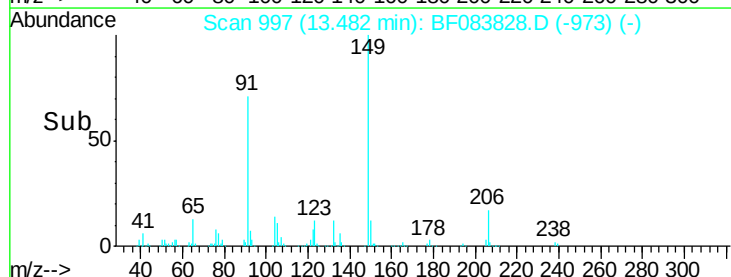
206 17.4 16.2 24.4

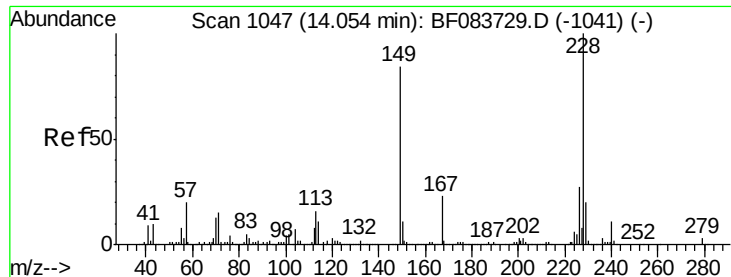


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.75 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

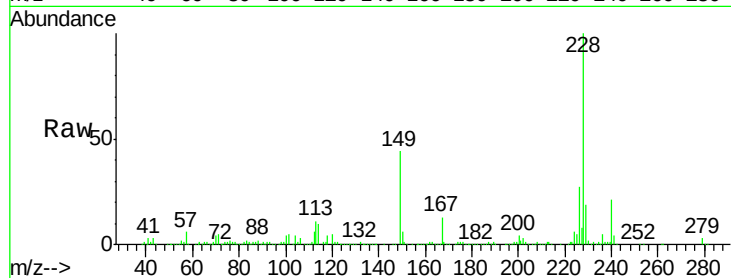
Tot Ion:228 Resp: 488986

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

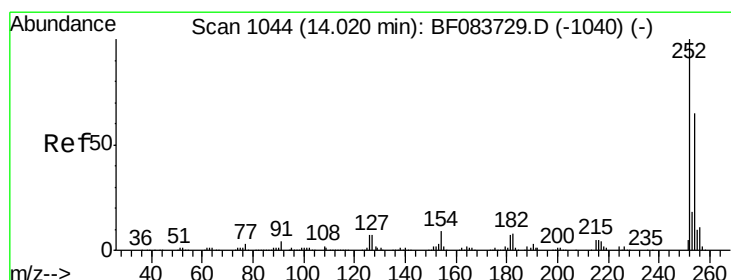
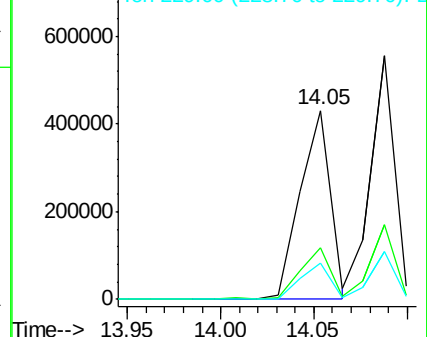
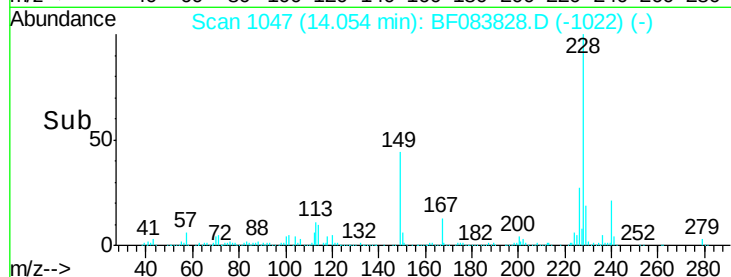
229 19.5 15.7 23.5



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



#81

3,3'-Dichlorobenzidine

Concen: 48.75 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

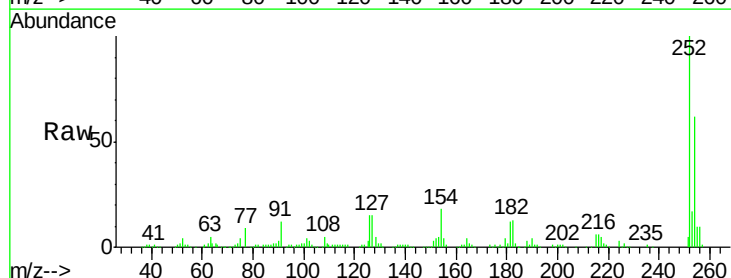
Tgt Ion:252 Resp: 201161

Ion Ratio Lower Upper

252 100

254 62.3 50.6 76.0

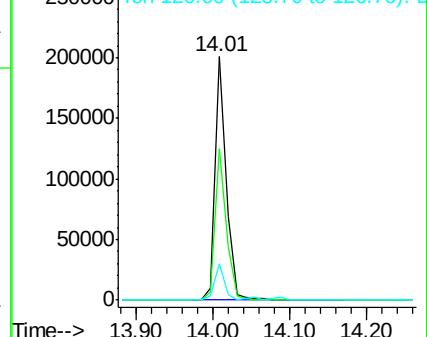
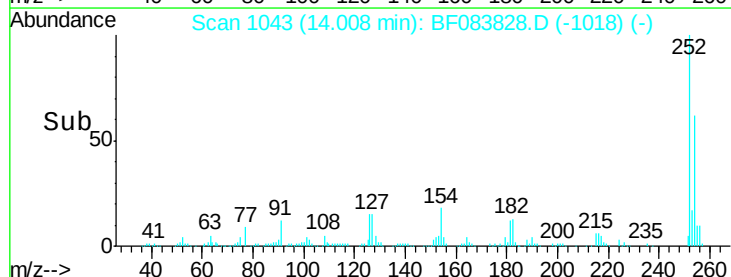
126 15.1 11.0 16.4

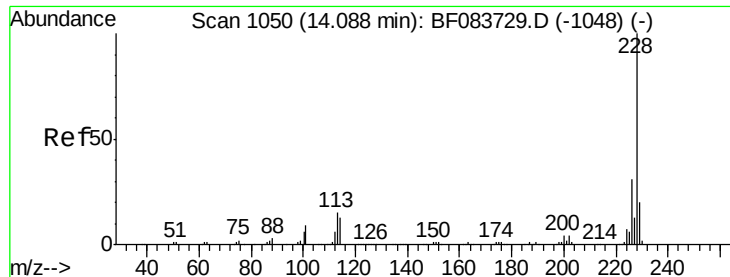


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.46 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

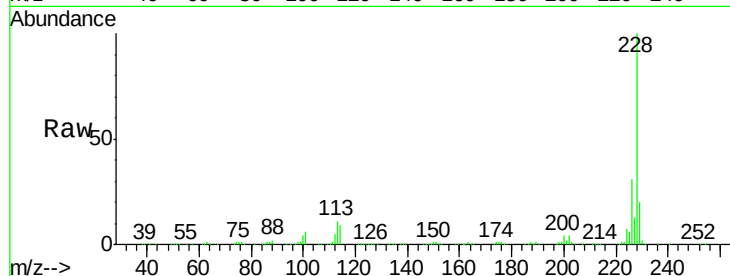
Tot Ion:228 Resp: 507132

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

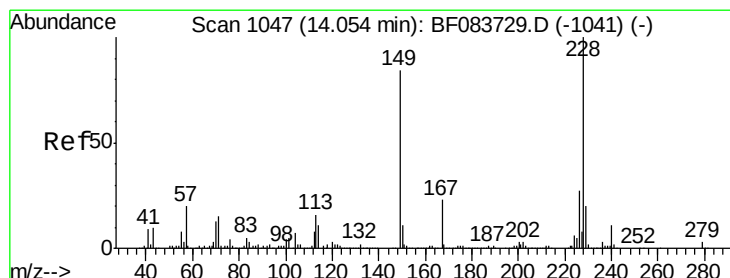
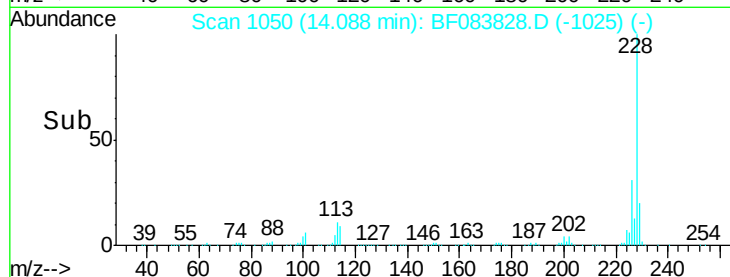
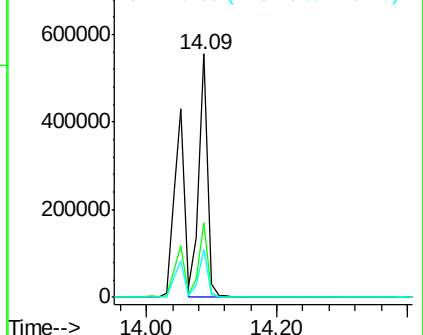
229 19.6 16.3 24.5



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: 48.06 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

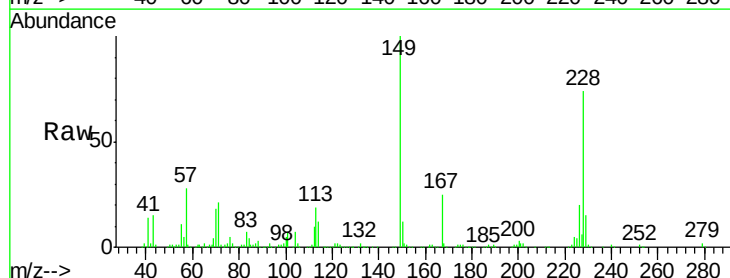
Tgt Ion:149 Resp: 373265

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

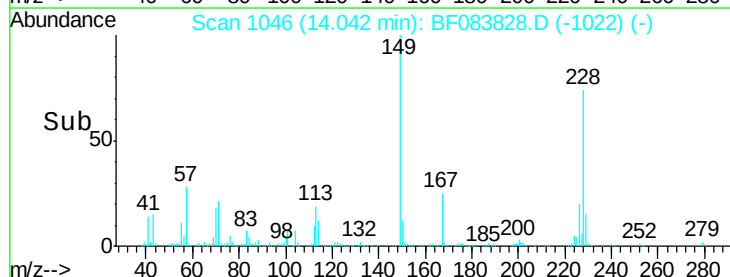
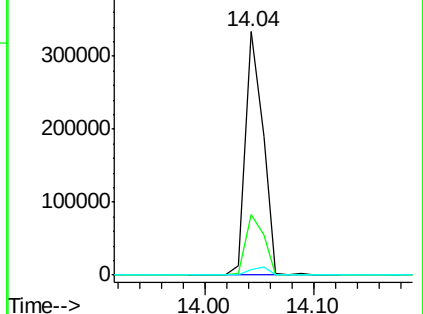
279 2.4 3.0 4.4#

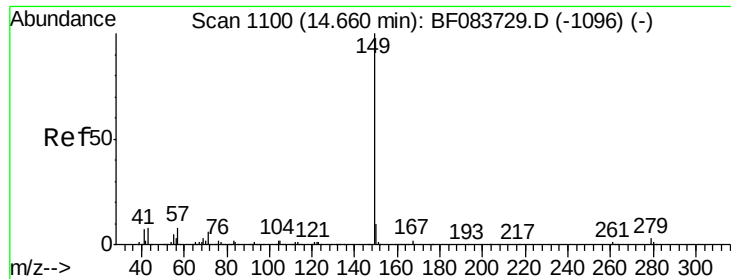


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 55.53 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

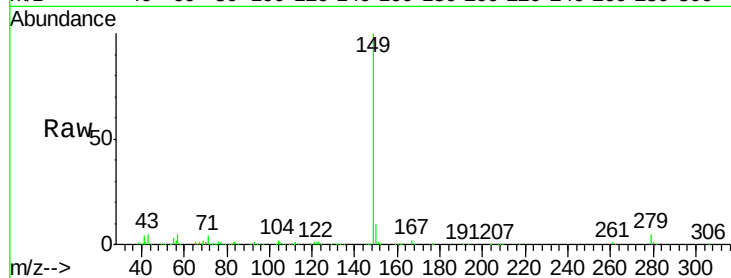
Tot Ion:149 Resp: 685230

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

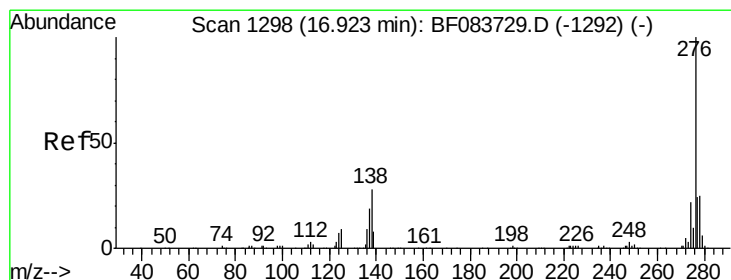
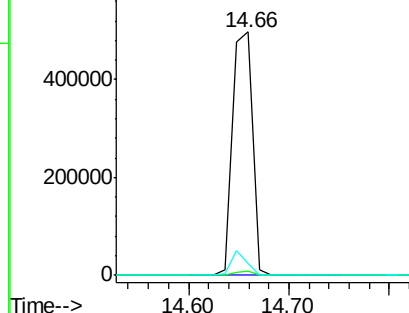
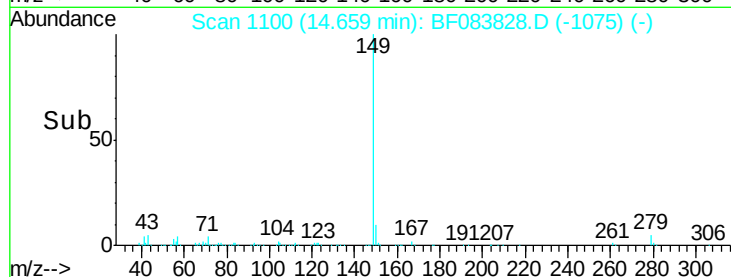
43 7.8 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 32.22 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF083828.D

Acq: 15 Dec 2015 22:07

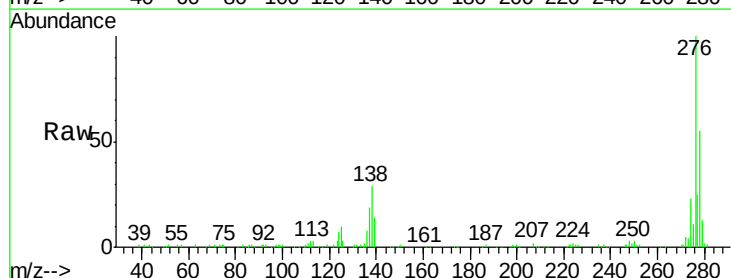
Tgt Ion:276 Resp: 353062

Ion Ratio Lower Upper

276 100

138 29.9 0.0 0.0#

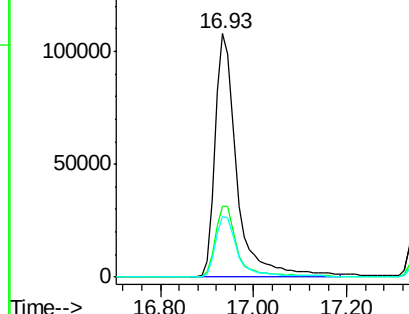
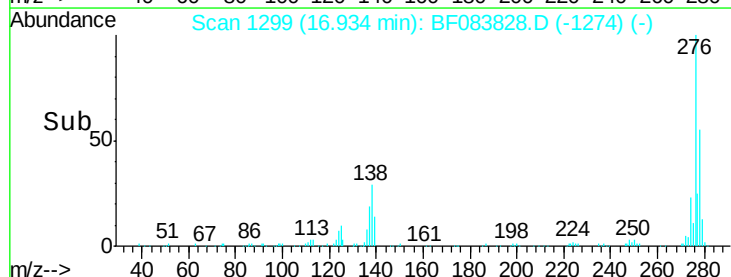
277 25.6 0.0 0.0#

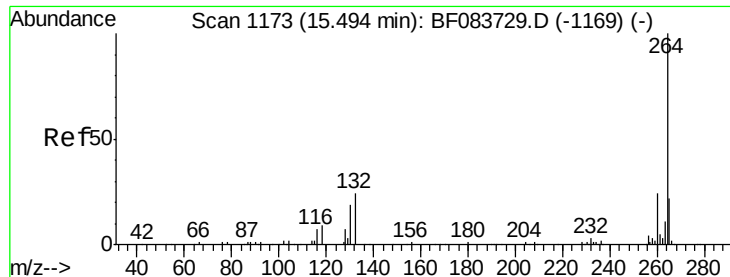


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

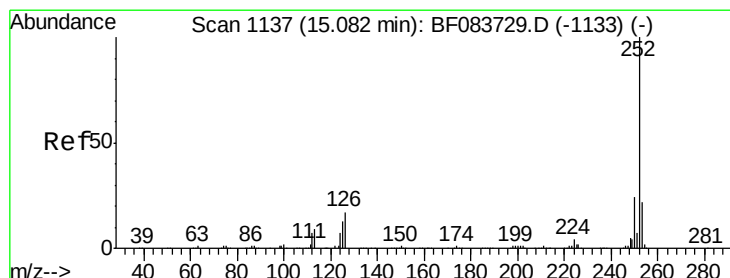
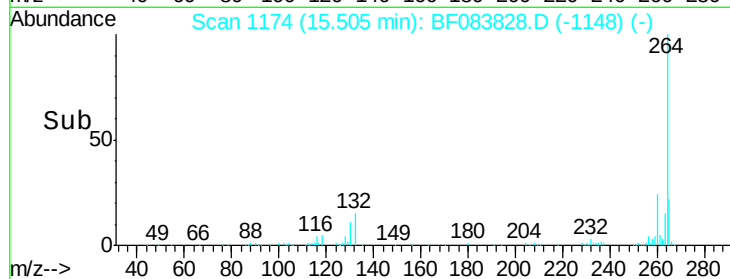
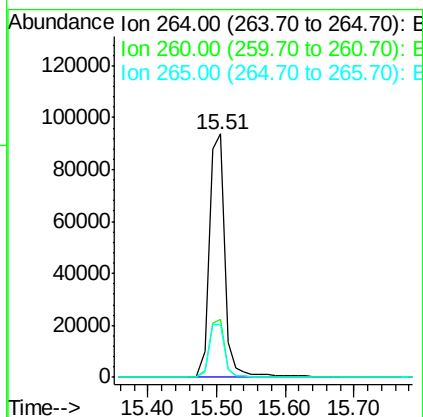
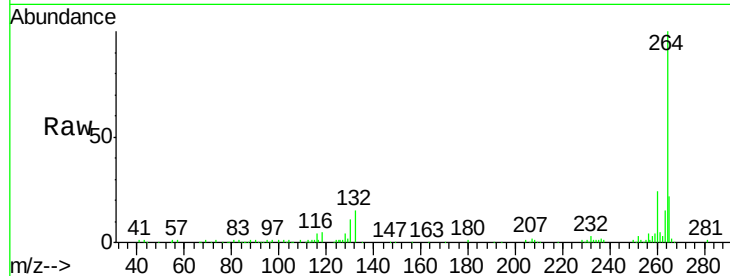




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

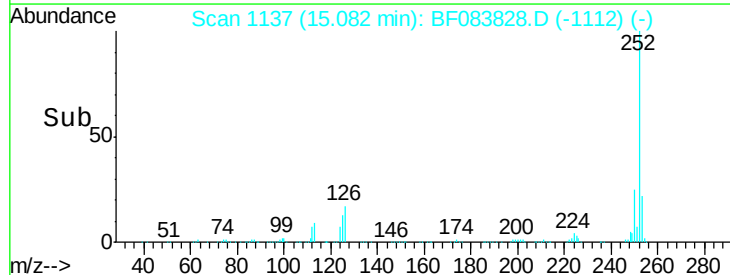
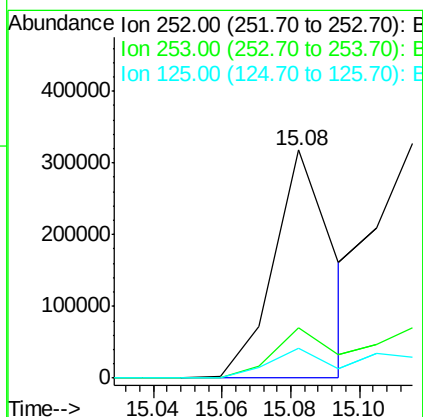
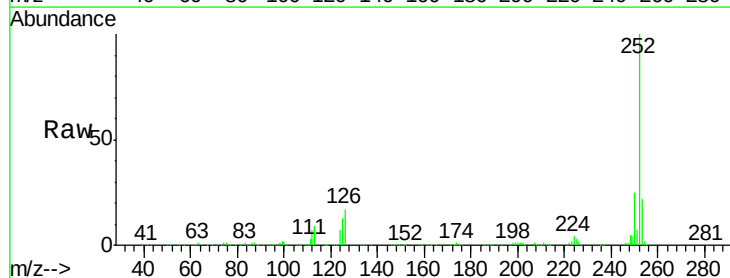
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

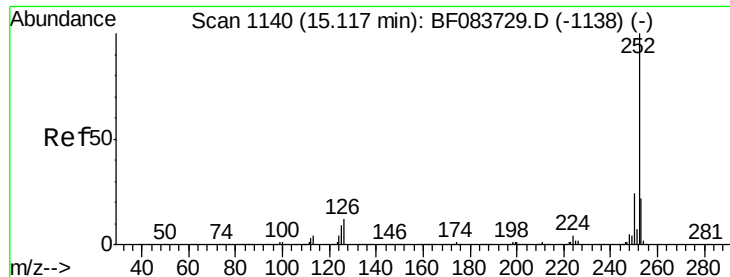
Tot Ion:264 Resp: 149345
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.0
265 21.8 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 39.73 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:252 Resp: 378551
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 13.3 8.2 12.4#

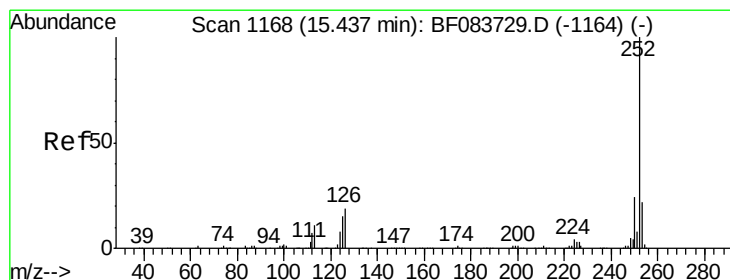
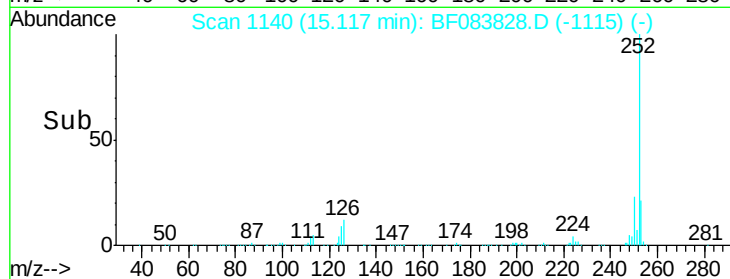
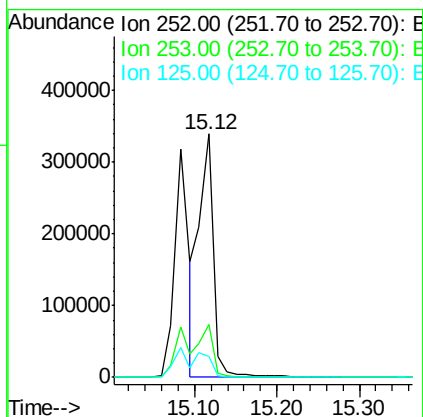
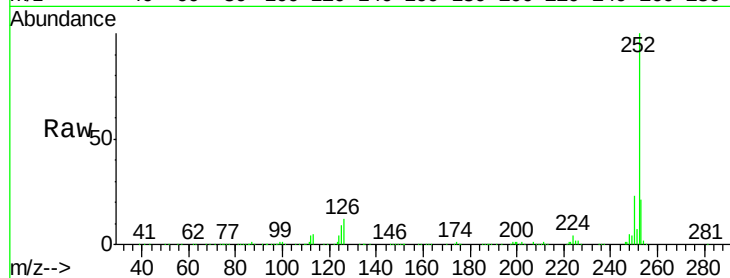




#88
Benzo(k)fluoranthene
Concen: 48.37 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

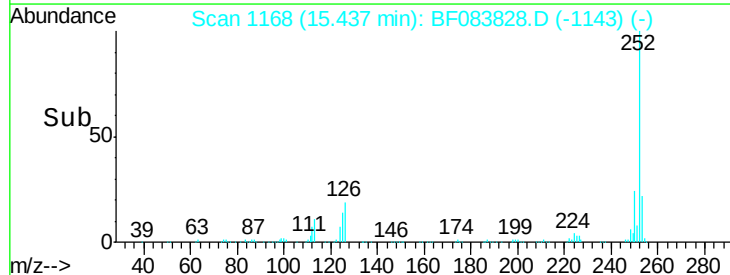
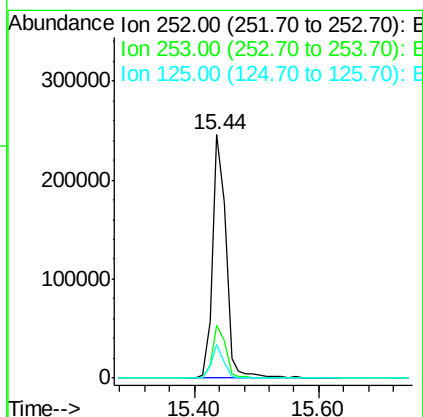
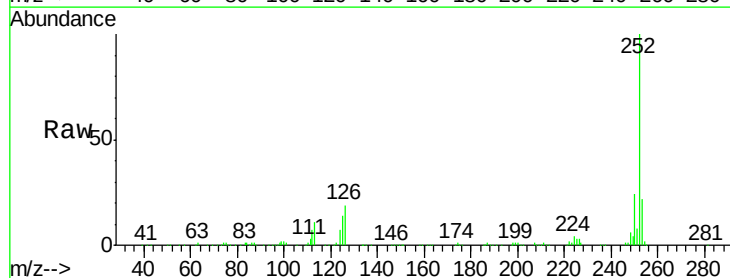
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

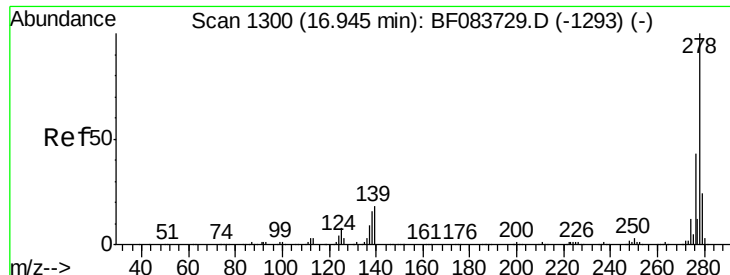
Tot Ion:252 Resp: 417583
Ion Ratio Lower Upper
252 100
253 21.5 18.6 27.8
125 8.6 11.5 17.3#



#89
Benzo(a)pyrene
Concen: 42.27 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:252 Resp: 359393
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.9 11.0 16.6



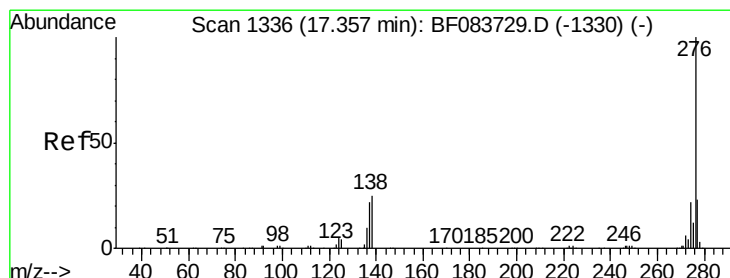
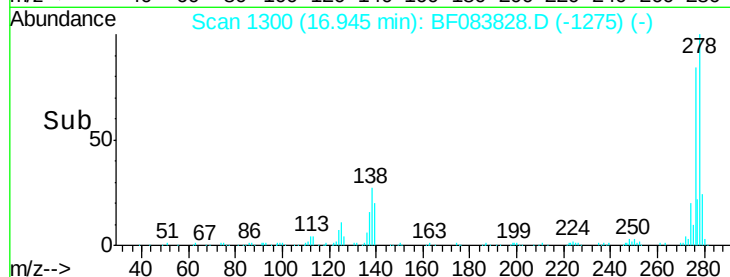
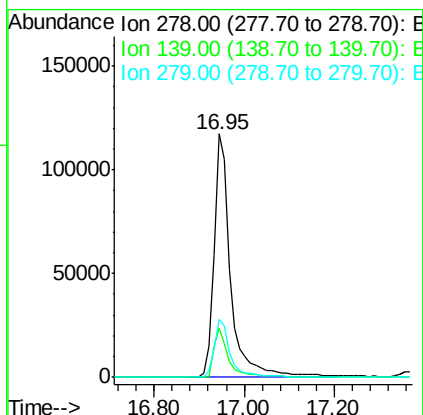
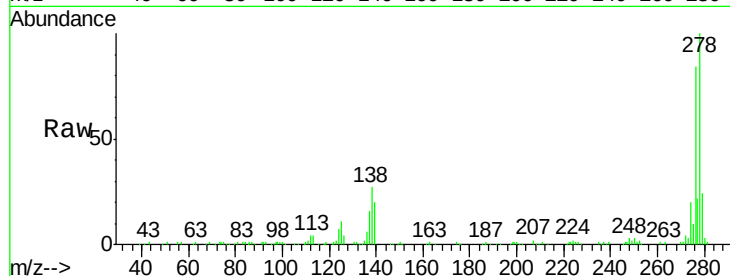


#90
Dibenzo(a,h)anthracene
Concen: 35.76 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 302338

Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.8	19.2#
279	23.6	18.6	28.0



#91
Benzo(g,h,i)perylene
Concen: 32.52 ng m
RT: 17.37 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF083828.D
Acq: 15 Dec 2015 22:07

Tgt Ion:276 Resp: 282591

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	23.1	19.5	29.3

