

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082492.D
 Acq On : 24 Oct 2015 4:05
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 24 04:58:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	114791	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	454077	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	222477	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	422945	20.00	ng	0.00
75) Chrysene-d12	13.96	240	314463	20.00	ng	0.00
86) Perylene-d12	15.43	264	265487	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	458297	80.58	ng	0.00
7) Phenol-d6	6.41	99	583595	78.85	ng	0.00
23) Nitrobenzene-d5	7.34	82	557715	82.48	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	129644	62.14	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1145615	85.40	ng	0.00
78) Terphenyl-d14	12.88	244	991687	83.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	105091	36.77	ng	97
3) Pyridine	2.95	79	278166	41.85	ng	98
4) n-Nitrosodimethylamine	2.93	42	115965	41.14	ng	94
6) Aniline	6.42	93	377918	39.60	ng	# 40
8) 2-Chlorophenol	6.54	128	259191	37.33	ng	# 79
9) Benzaldehyde	6.30	77	153385	40.58	ng	94
10) Phenol	6.42	94	346574	40.61	ng	# 71
11) bis(2-Chloroethyl)ether	6.50	93	268945	37.27	ng	96
12) 1,3-Dichlorobenzene	6.93	146	305295	37.76	ng	100
13) 1,4-Dichlorobenzene	6.78	146	311764	36.92	ng	94
14) 1,2-Dichlorobenzene	6.93	146	313062	39.04	ng	95
15) Benzyl Alcohol	6.91	79	216265	42.33	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	351063	34.93	ng	79
17) 2-Methylphenol	7.03	107	208876	38.04	ng	96
18) Hexachloroethane	7.27	117	104093	36.01	ng	# 73
19) n-Nitroso-di-n-propylamine	7.19	70	195828	37.67	ng	99
20) 3+4-Methylphenols	7.19	107	265591	40.59	ng	# 65
22) Acetophenone	7.18	105	361762	40.27	ng	# 90
24) Nitrobenzene	7.35	77	261433	35.72	ng	100
25) Isophorone	7.59	82	517214	37.90	ng	100
26) 2-Nitrophenol	7.67	139	157530	43.10	ng	99
27) 2,4-Dimethylphenol	7.71	122	249746	42.42	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	332951	41.93	ng	99
29) 2,4-Dichlorophenol	7.92	162	231254	39.29	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	264272	38.95	ng	99
31) Naphthalene	8.07	128	774928	39.37	ng	100
32) Benzoic acid	7.86	122	114677	29.02	ng	97
33) 4-Chloroaniline	8.13	127	316063	38.66	ng	98
34) Hexachlorobutadiene	8.18	225	162322	38.40	ng	98
35) Caprolactam	8.53	113	72292	42.32	ng	88
36) 4-Chloro-3-methylphenol	8.62	107	217894	37.86	ng	95
37) 2-Methylnaphthalene	8.75	142	515229	37.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	260346	39.34	ng	99
40) Hexachlorocyclopentadiene	8.90	237	30810	16.55	ng	98

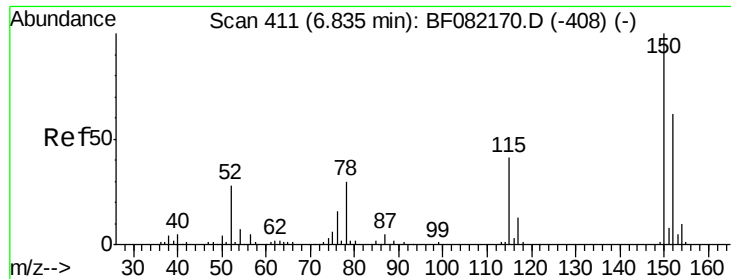
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	174483	39.70	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	179802	37.76	nq	97
45) 1,1'-Biphenyl	9.22	154	618561	36.46	nq	100
46) 2-Chloronaphthalene	9.26	162	508689	38.09	nq	99
47) 2-Nitroaniline	9.36	65	163548	44.61	nq	# 83
48) Acenaphthylene	9.67	152	846231	40.68	nq	100
49) Dimethylphthalate	9.54	163	630002	40.21	nq	# 97
50) 2,6-Dinitrotoluene	9.60	165	118413	35.82	nq	# 69
51) Acenaphthene	9.84	154	485200	38.85	nq	99
52) 3-Nitroaniline	9.77	138	135702	36.34	nq	85
53) 2,4-Dinitrophenol	9.89	184	32834	22.75	nq	94
54) Dibenzofuran	10.01	168	681931	39.77	nq	99
55) 4-Nitrophenol	9.95	139	69946	34.78	nq	98
56) 2,4-Dinitrotoluene	10.01	165	173672	42.04	nq	92
57) Fluorene	10.35	166	585052	41.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	142252	36.57	nq	97
59) Diethylphthalate	10.23	149	570310	39.05	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	246923	38.28	nq	98
61) 4-Nitroaniline	10.39	138	147461	40.72	nq	94
62) Azobenzene	10.50	77	531343	37.18	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	57185	24.09	nq	85
65) n-Nitrosodiphenylamine	10.47	169	479215	37.84	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	156372	36.94	nq	98
67) Hexachlorobenzene	10.90	284	170015	37.14	nq	99
68) Atrazine	11.01	200	170729	42.56	nq	95
69) Pentachlorophenol	11.10	266	78419	33.29	nq	97
70) Phenanthrene	11.32	178	806135	38.88	nq	100
71) Anthracene	11.37	178	850011	39.79	nq	100
72) Carbazole	11.53	167	781753	40.11	nq	98
73) Di-n-butylphthalate	11.85	149	919155	38.23	nq	100
74) Fluoranthene	12.50	202	813587	36.54	nq	98
76) Benzidine	12.64	184	379448	41.64	nq	99
77) Pyrene	12.73	202	806933	43.24	nq	100
79) Butylbenzylphthalate	13.36	149	425091	49.91	nq	90
80) Benzo(a)anthracene	13.94	228	666176	40.72	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	261046	42.03	nq	# 99
82) Chrysene	13.98	228	569964	33.06	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	568591	46.80	nq	99
84) Di-n-octyl phthalate	14.58	149	883884	42.36	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	597149	43.58	nq	98
87) Benzo(b)fluoranthene	15.05	252	1147141	71.02	nq	# 97
88) Benzo(k)fluoranthene	15.05	252	1148057	84.56	nq	99
89) Benzo(a)pyrene	15.37	252	531077	38.26	nq	# 96
90) Dibenzo(a,h)anthracene	16.84	278	498700	43.84	nq	# 96
91) Benzo(g,h,i)perylene	17.24	276	491242	44.45	nq	99

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

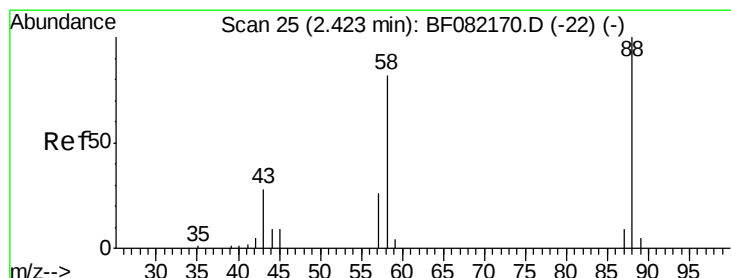
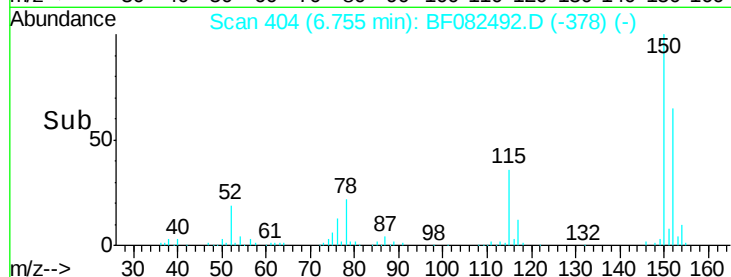
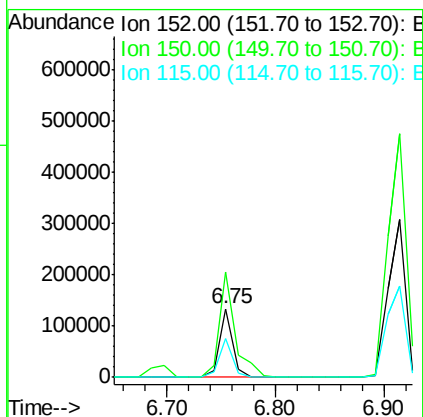
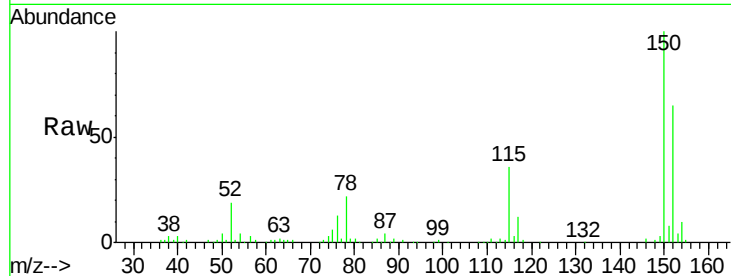


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

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ClientSampleId :
SSTDCCC040EC

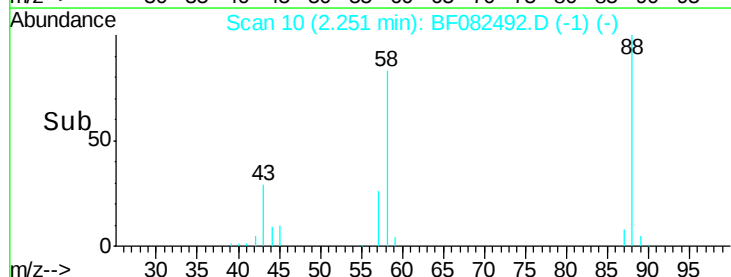
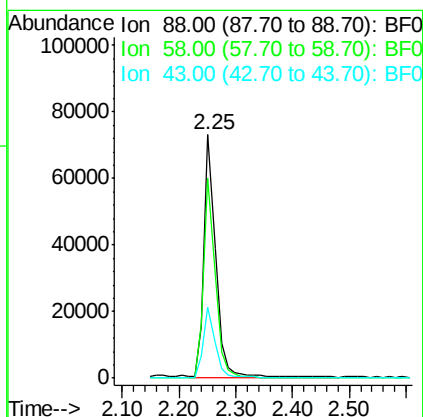
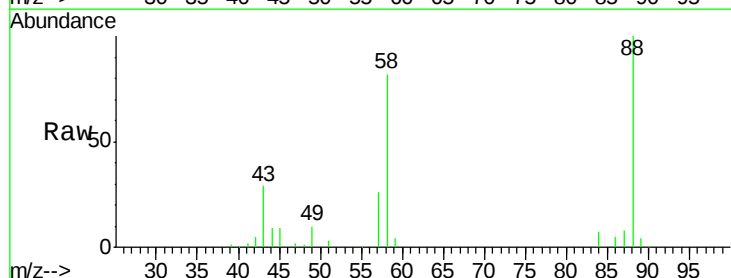
Tot Ion:152 Resp: 114791
Ion Ratio Lower Upper
152 100
150 154.5 129.0 193.4
115 56.1 52.1 78.1

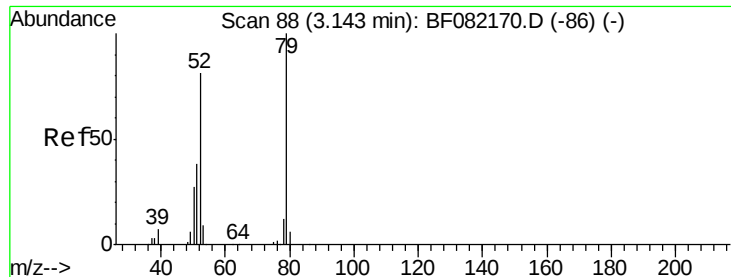


#2

1,4-Dioxane
Concen: 36.77 ng
RT: 2.25 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion: 88 Resp: 105091
Ion Ratio Lower Upper
88 100
58 78.7 66.2 99.4
43 28.6 23.0 34.4

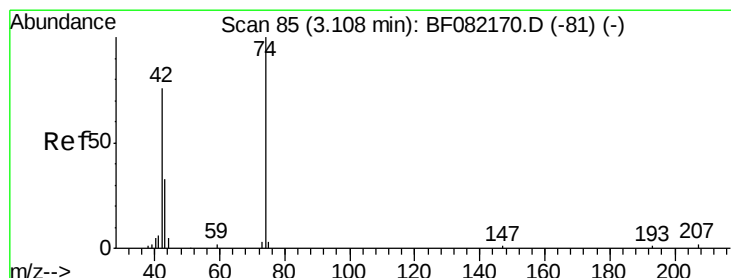
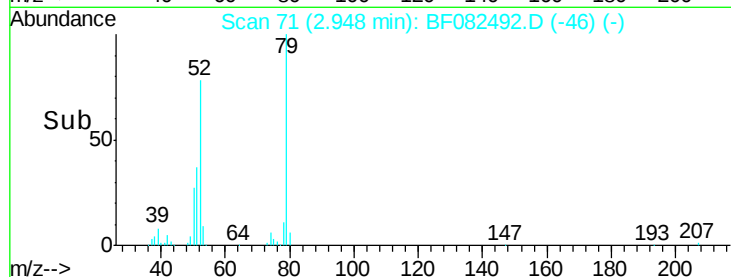
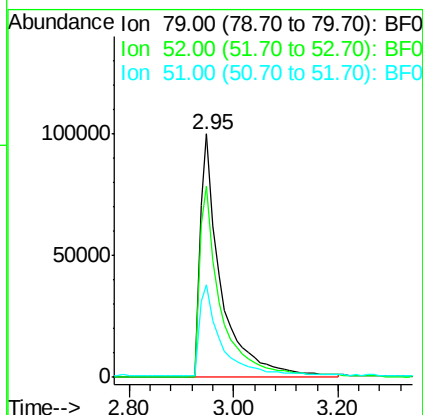
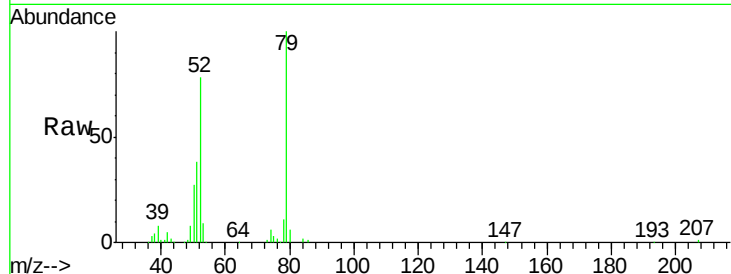




#3
 Pvridine
 Concen: 41.85 ng
 RT: 2.95 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

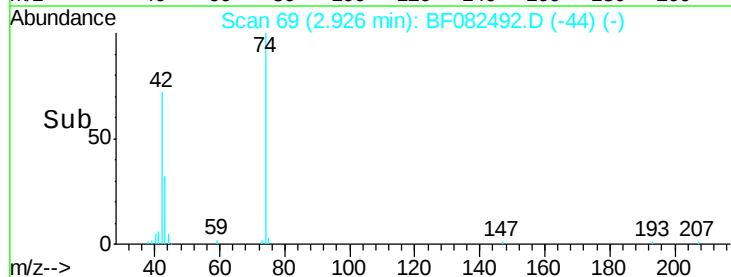
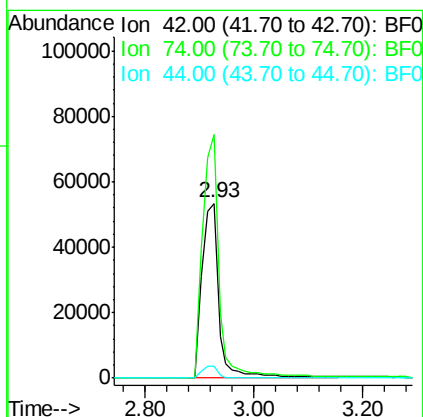
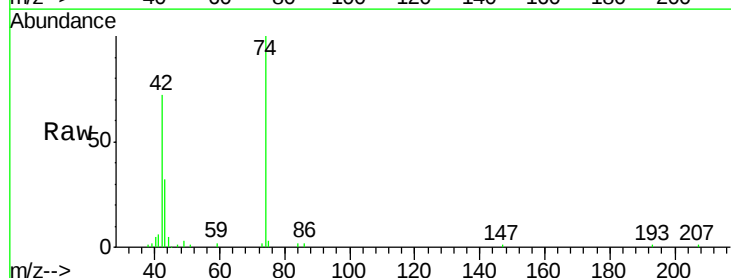
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 79 Resp: 278166
 Ion Ratio Lower Upper
 79 100
 52 78.4 64.4 96.6
 51 38.0 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 41.14 ng
 RT: 2.93 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion: 42 Resp: 115965
 Ion Ratio Lower Upper
 42 100
 74 139.1 105.7 158.5
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 80.58 ng

RT: 5.35 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

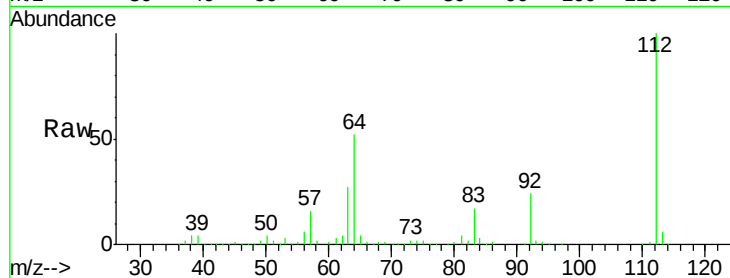
Tot Ion:112 Resp: 458297

Ion Ratio Lower Upper

112 100

64 51.6 48.6 73.0

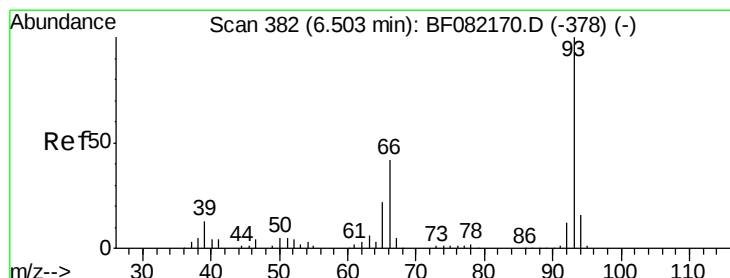
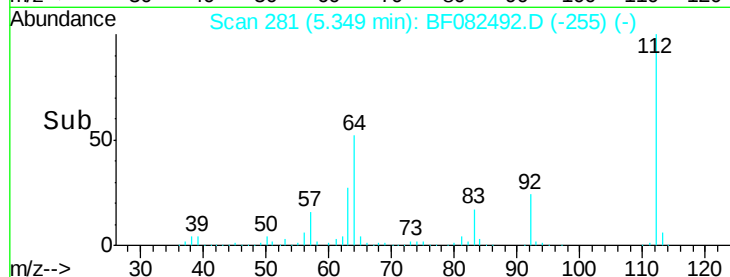
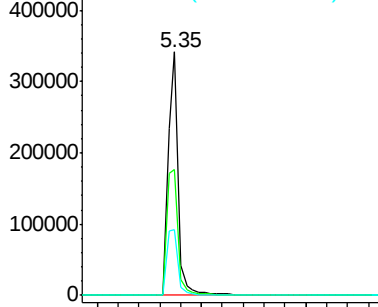
63 27.1 25.1 37.7



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: 39.60 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

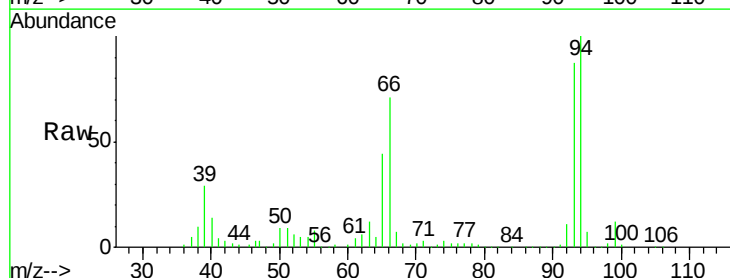
Tgt Ion: 93 Resp: 377918

Ion Ratio Lower Upper

93 100

66 81.5 34.2 51.2#

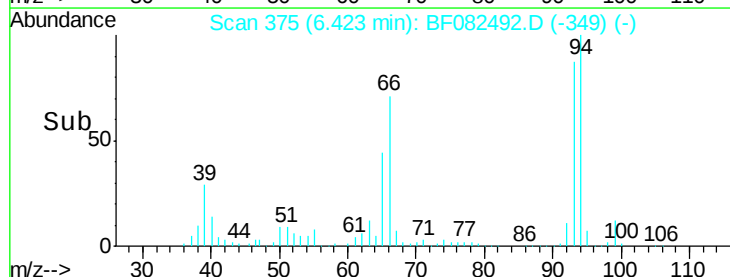
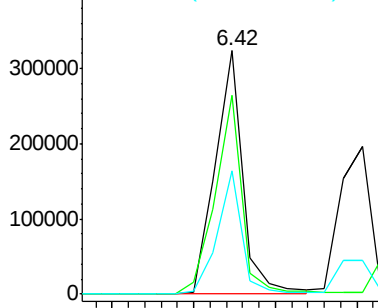
65 50.4 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.85 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

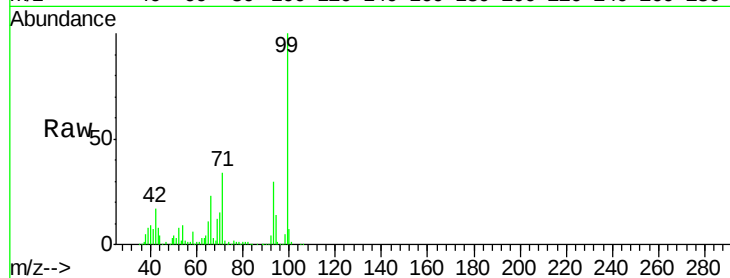
Tot Ion: 99 Resp: 583595

Ion Ratio Lower Upper

99 100

42 16.9 13.2 19.8

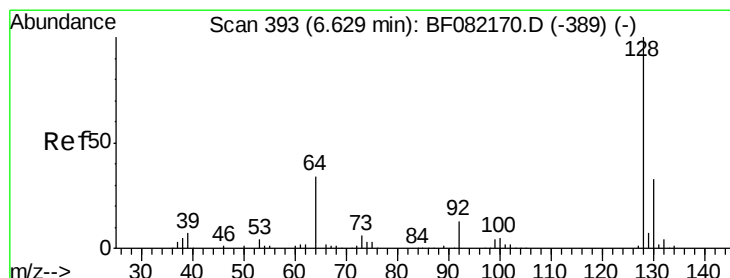
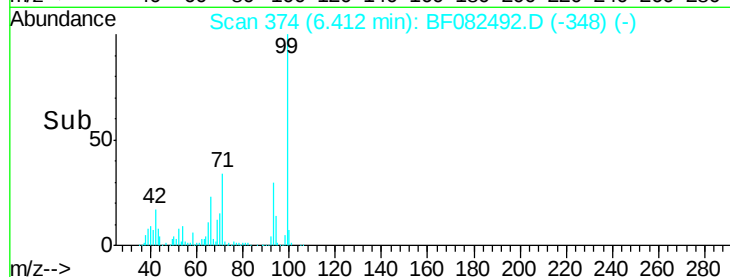
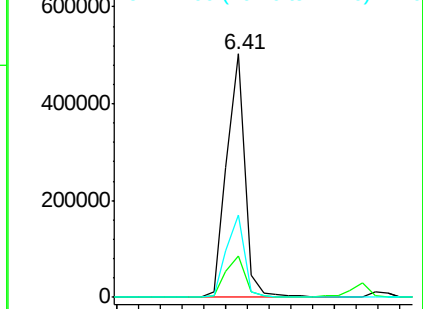
71 33.8 25.6 38.4



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: 37.33 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

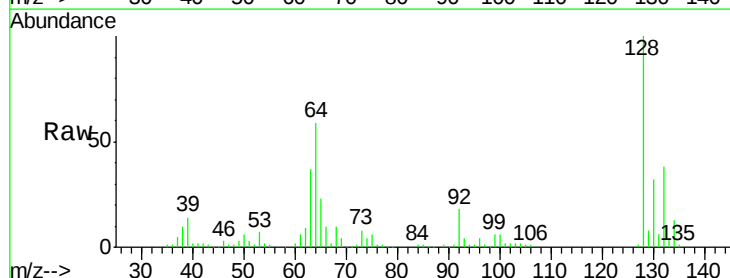
Tgt Ion: 128 Resp: 259191

Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

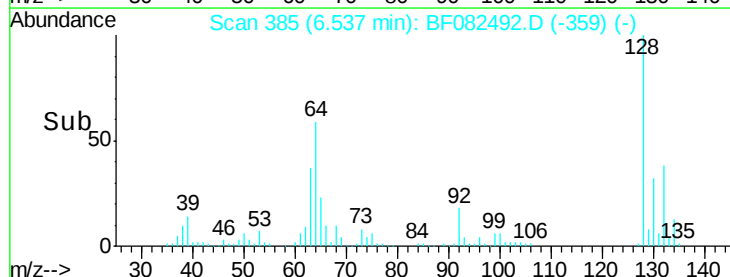
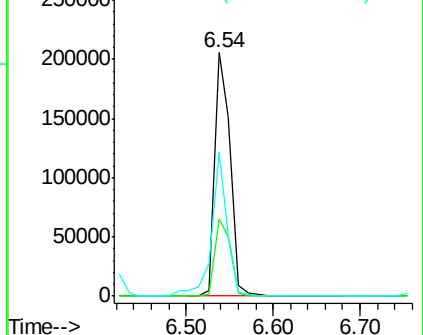
64 59.3 16.7 56.7#

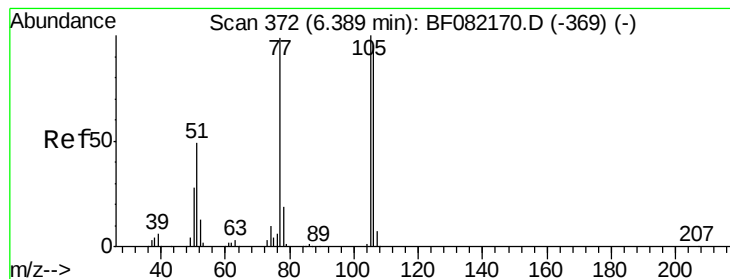


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.58 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

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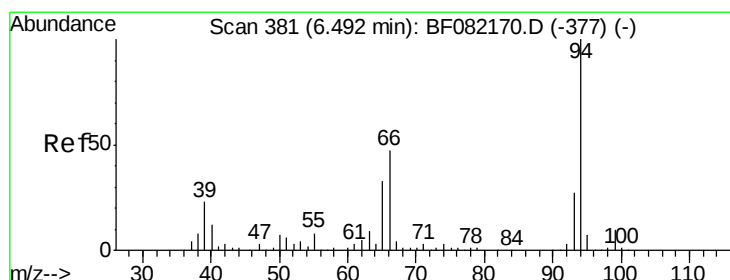
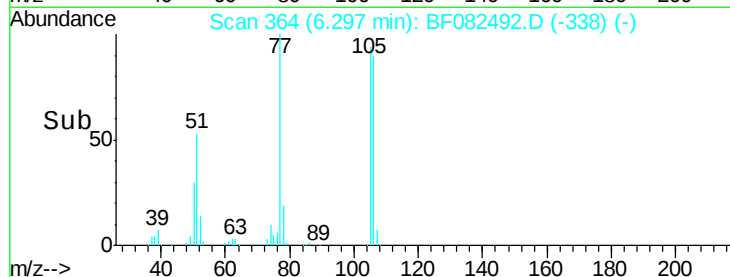
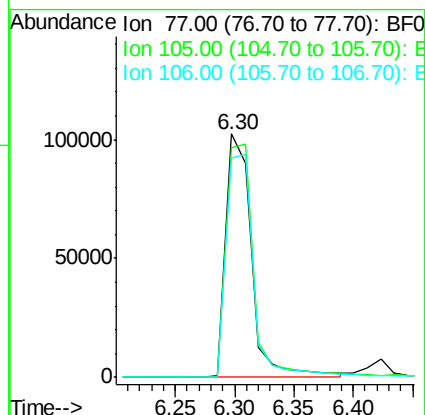
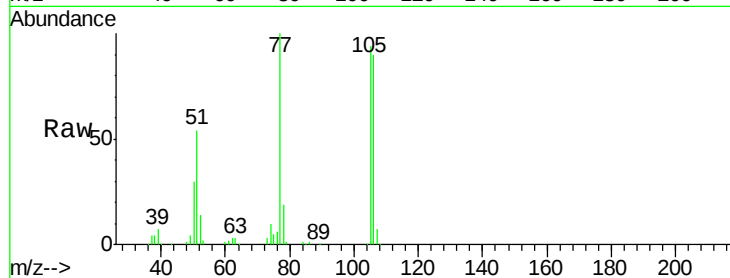
Tot Ion: 77 Resp: 153385

Ion Ratio Lower Upper

77 100

105 94.1 80.6 120.6

106 90.1 75.5 115.5



#10

Phenol

Concen: 40.61 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

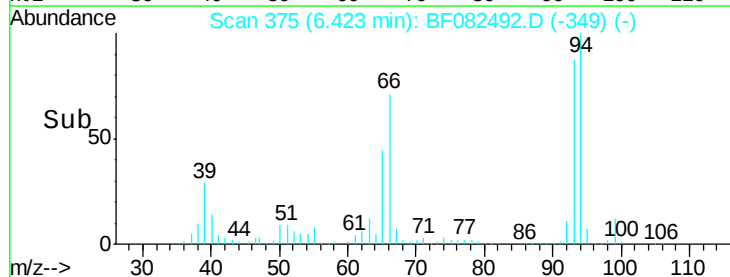
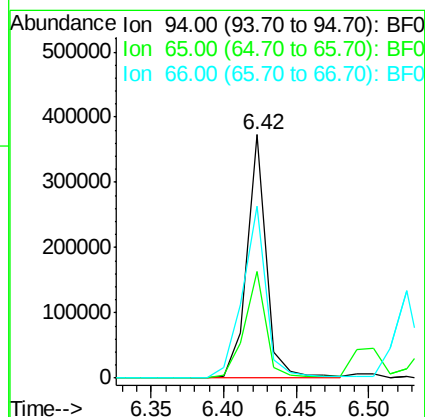
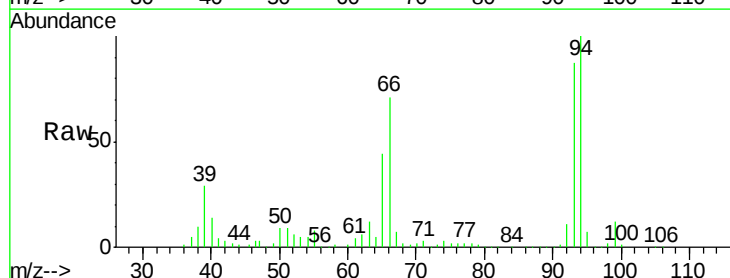
Tgt Ion: 94 Resp: 346574

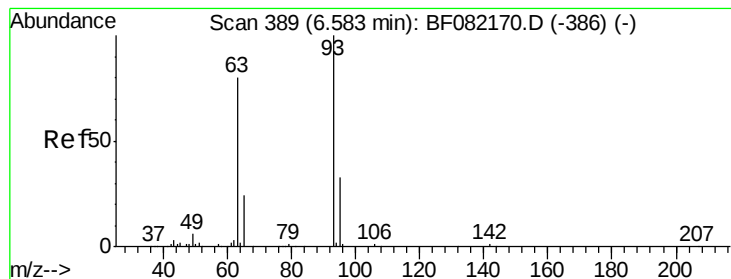
Ion Ratio Lower Upper

94 100

65 43.8 12.6 52.6

66 70.7 27.3 67.3#





#11

bis(2-Chloroethyl)ether

Concen: 37.27 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

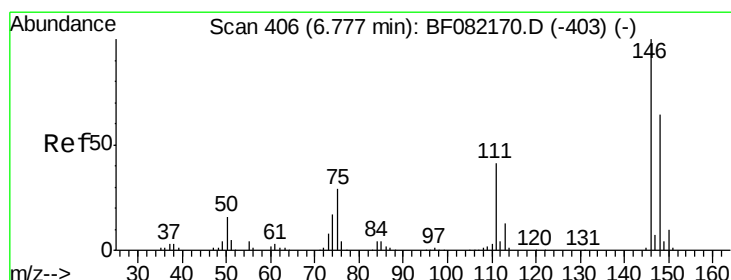
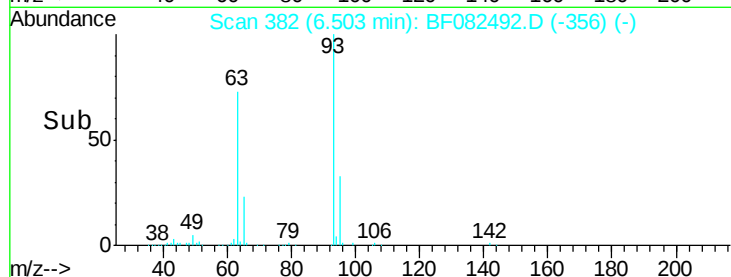
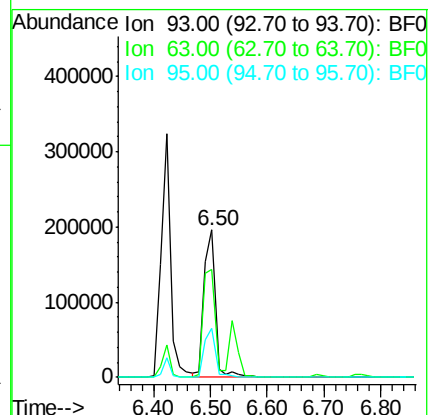
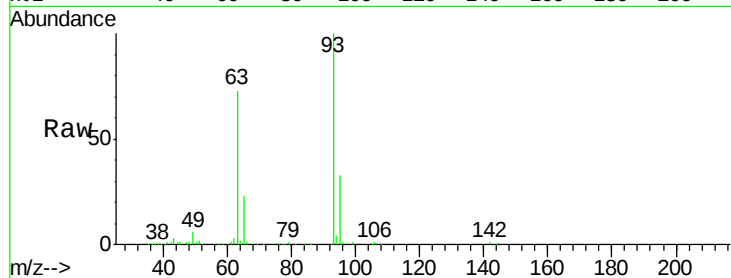
Tot Ion: 93 Resp: 268945

Ion Ratio Lower Upper

93 100

63 72.9 57.1 97.1

95 33.2 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.76 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

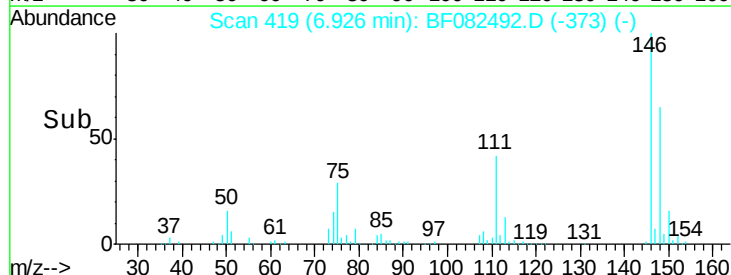
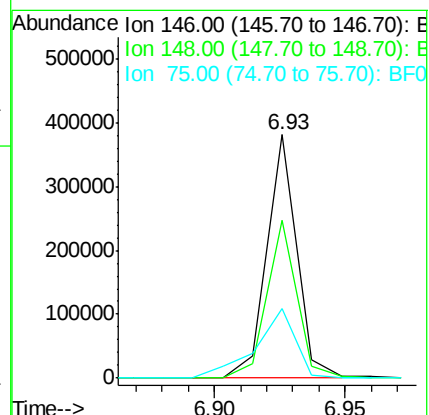
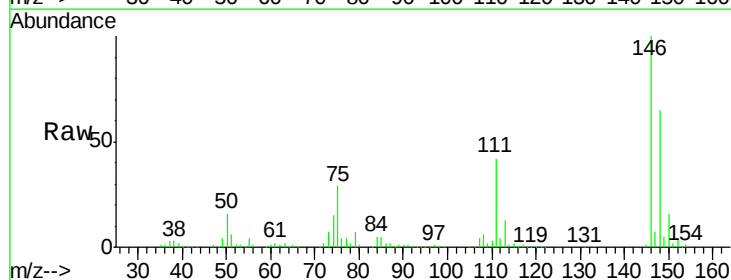
Tgt Ion: 146 Resp: 305295

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

75 28.6 23.0 34.6

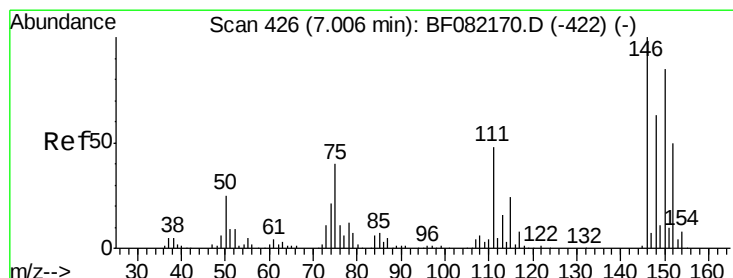
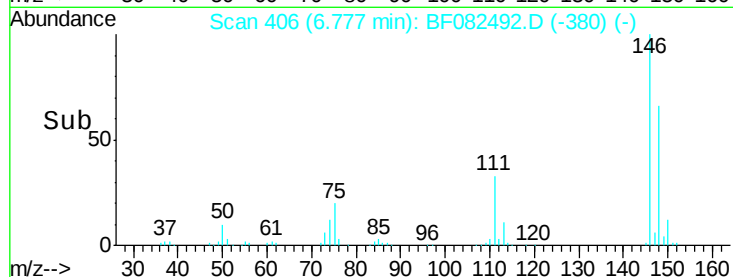
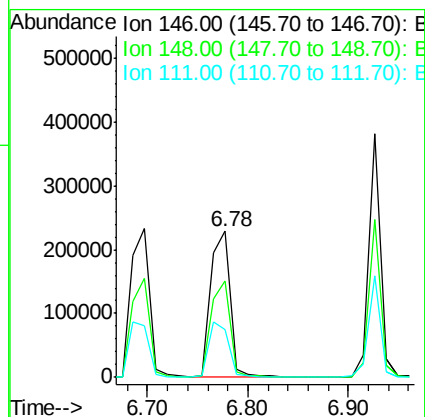
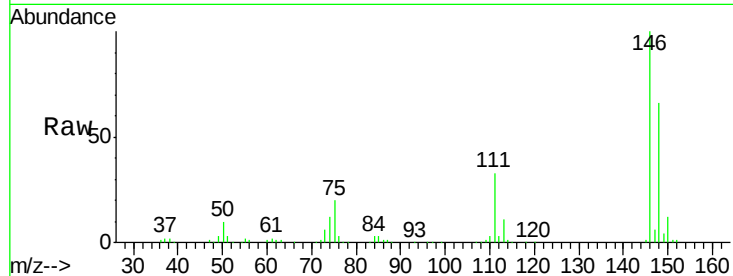




#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.78 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

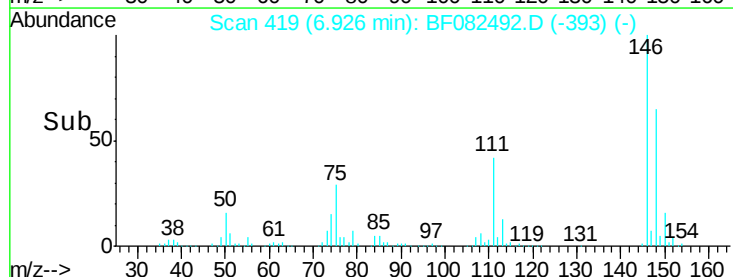
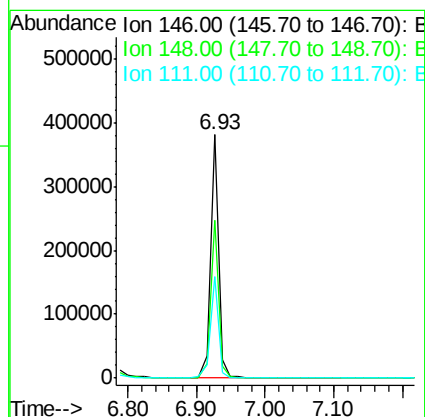
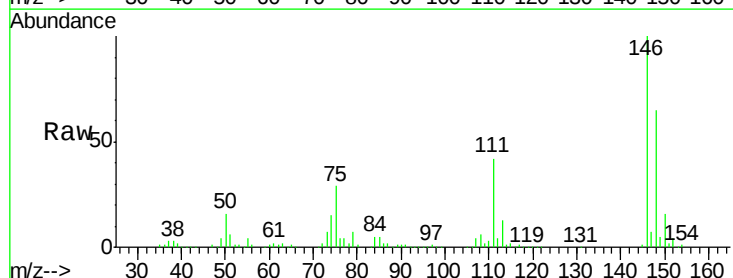
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

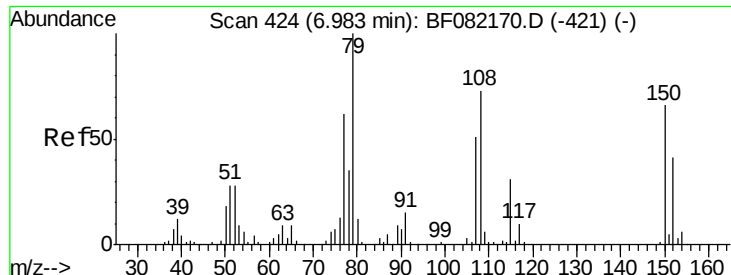
Tot Ion:146 Resp: 311764
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.0 76.4
 111 33.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 39.04 ng
 RT: 6.93 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:146 Resp: 313062
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.5 75.7
 111 41.9 38.5 57.7

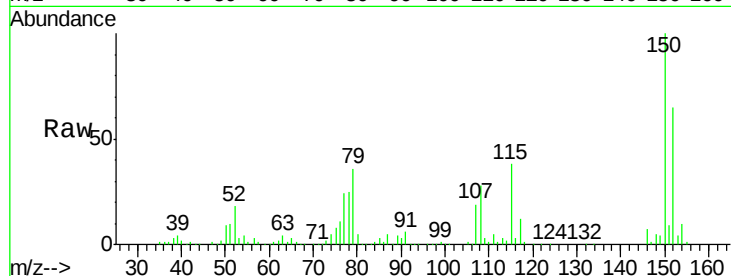




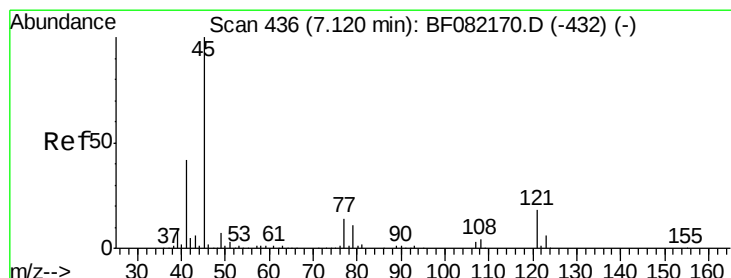
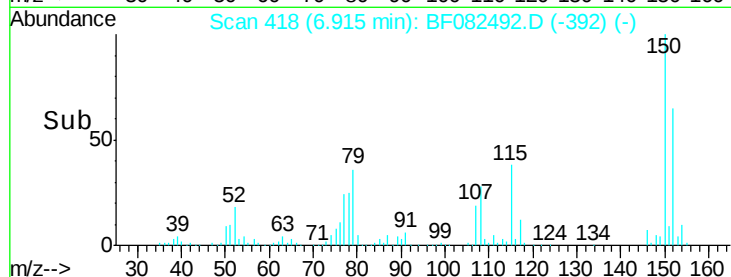
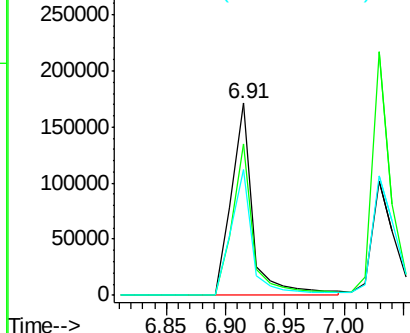
#15
Benzyl Alcohol
Concen: 42.33 ng
RT: 6.91 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 79 Resp: 216265
Ion Ratio Lower Upper
79 100
108 78.6 58.4 87.6
77 65.5 49.8 74.6

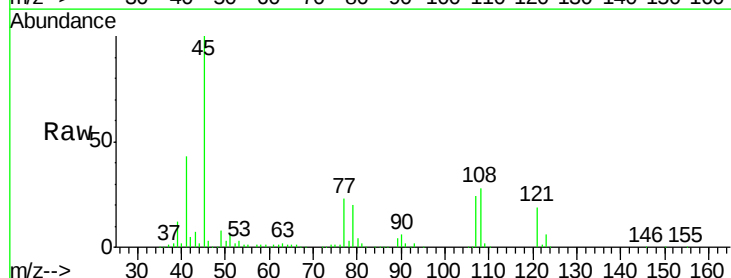


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

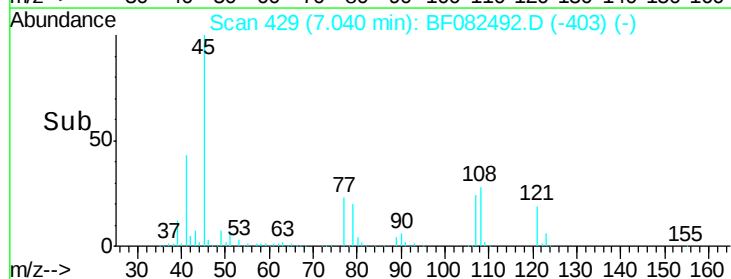
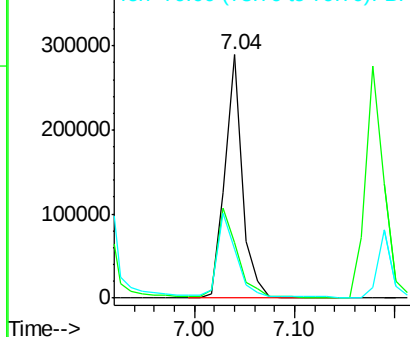


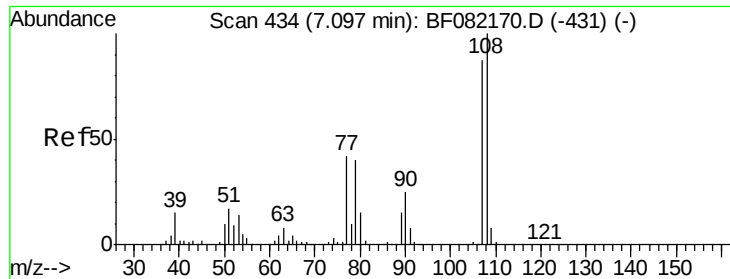
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.93 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion: 45 Resp: 351063
Ion Ratio Lower Upper
45 100
77 23.0 0.0 34.5
79 19.9 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.04 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 208876

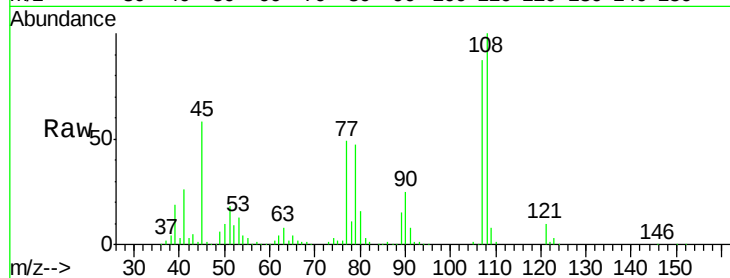
Ion Ratio Lower Upper

107 100

108 115.1 92.2 138.2

77 56.6 39.6 59.4

79 53.8 38.2 57.4

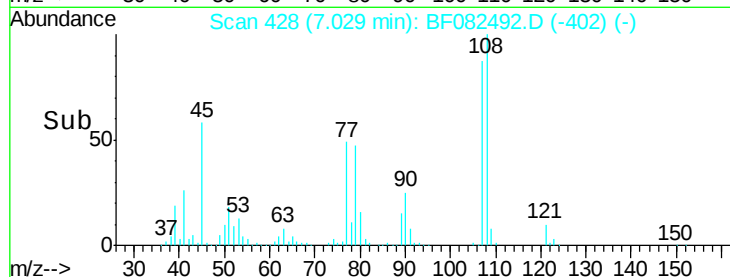


Abundance Ion 107.00 (106.70 to 107.70): E

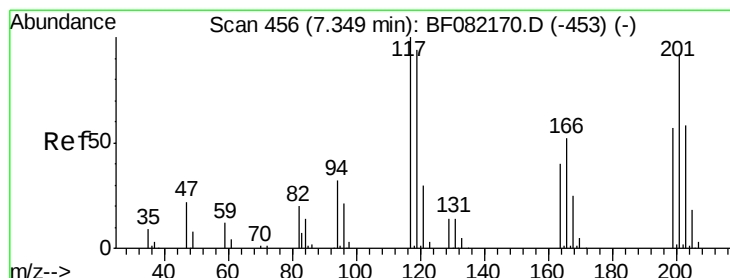
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.01 ng

RT: 7.27 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

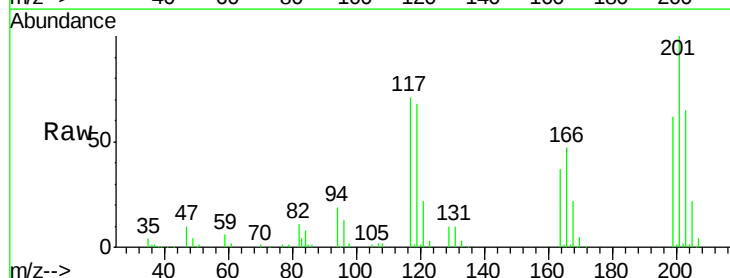
Tgt Ion:117 Resp: 104093

Ion Ratio Lower Upper

117 100

119 95.9 75.4 113.2

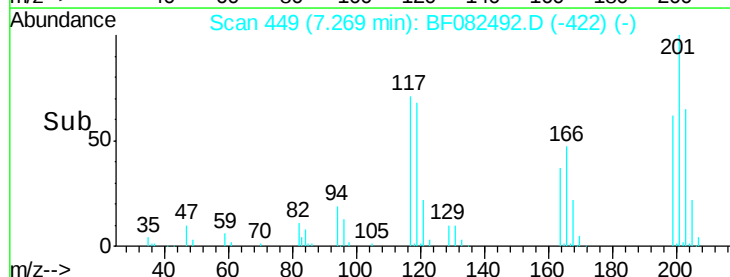
201 141.5 73.4 110.0#



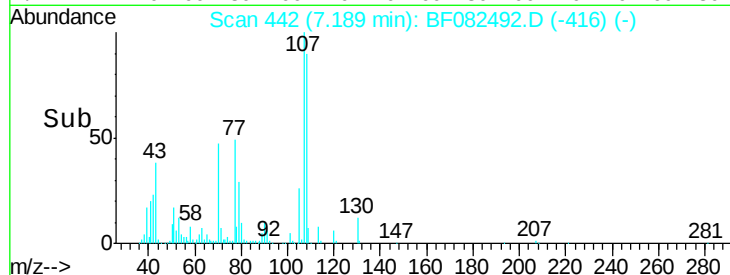
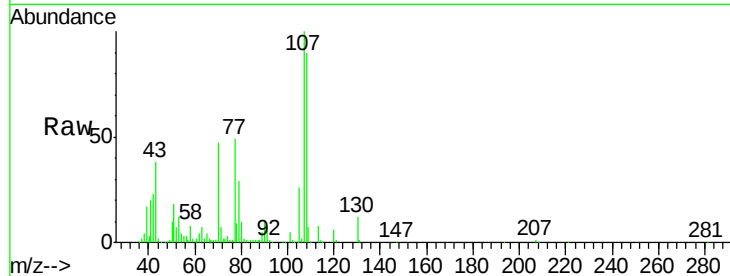
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



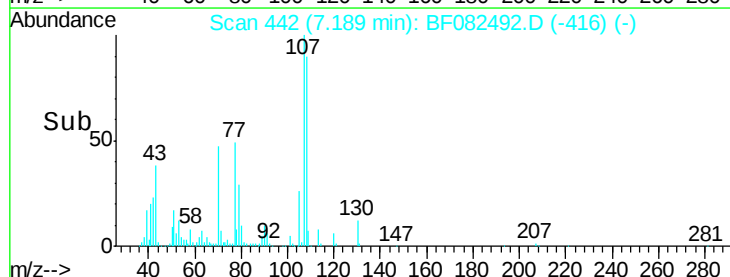
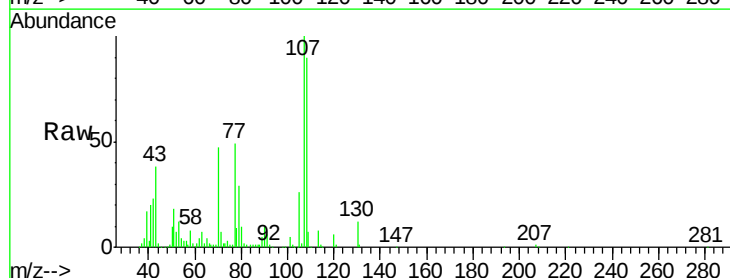
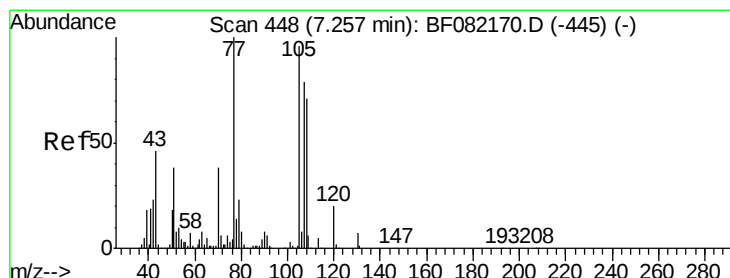
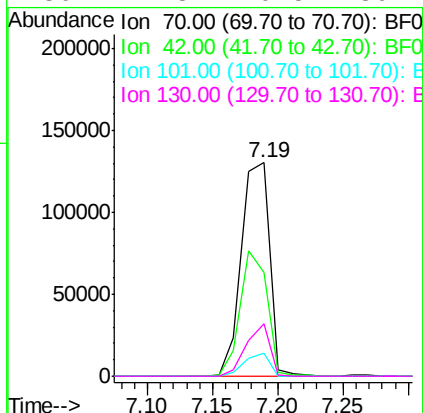
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.67 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

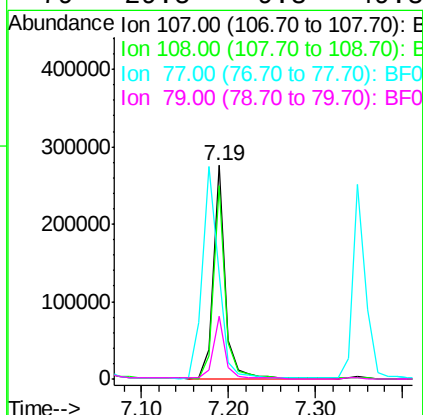
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.7	39.8	59.8
101	10.6	8.6	13.0
130	24.8	20.5	30.7



#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.9	109.9
77	49.3	106.0	146.0#
79	29.5	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 454077

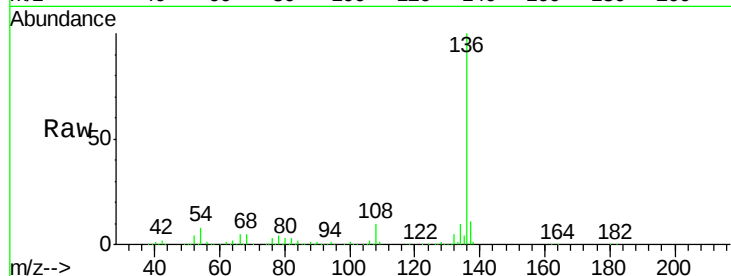
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.8 7.5 11.3

68 5.1 4.6 7.0

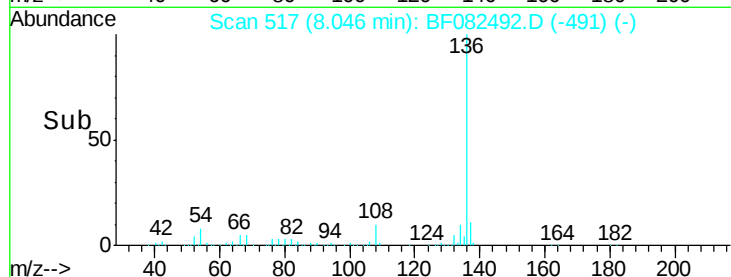


Abundance Ion 136.00 (135.70 to 136.70): E

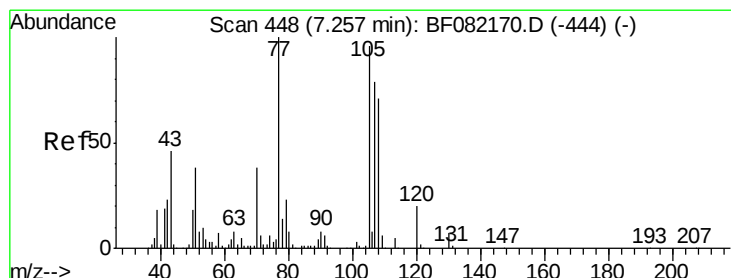
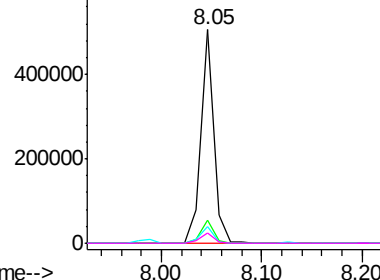
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.27 ng

RT: 7.18 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Tgt Ion:105 Resp: 361762

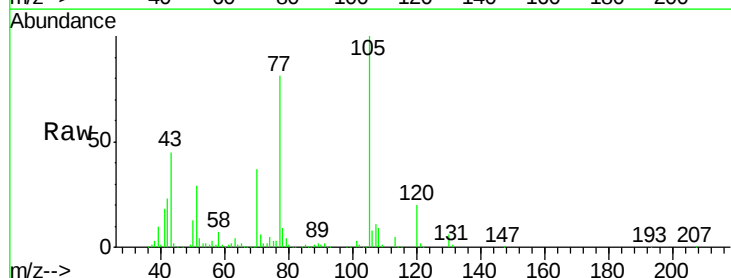
Ion Ratio Lower Upper

105 100

71 6.1 5.4 8.0

51 29.4 31.8 47.6#

120 20.5 16.3 24.5

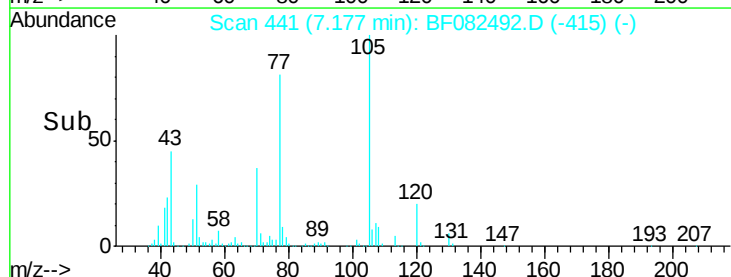


Abundance Ion 105.00 (104.70 to 105.70): E

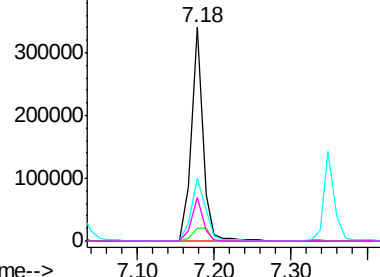
Ion 71.00 (70.70 to 71.70): BF0

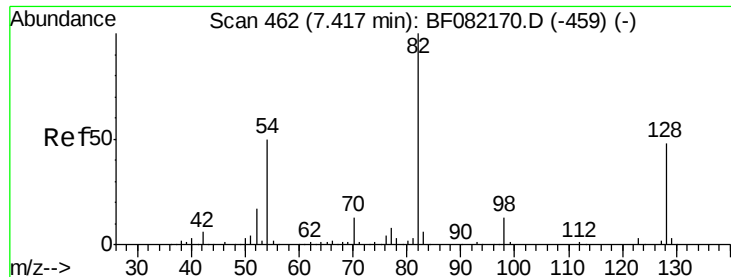
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

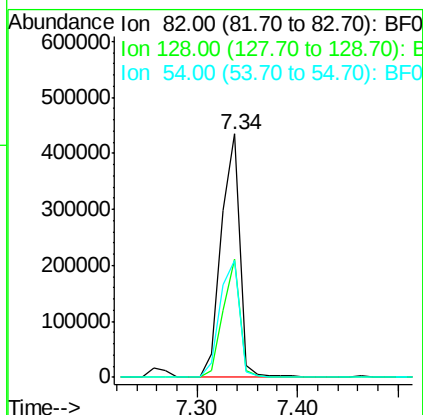
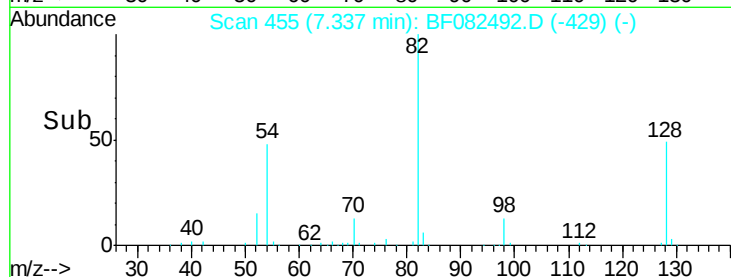
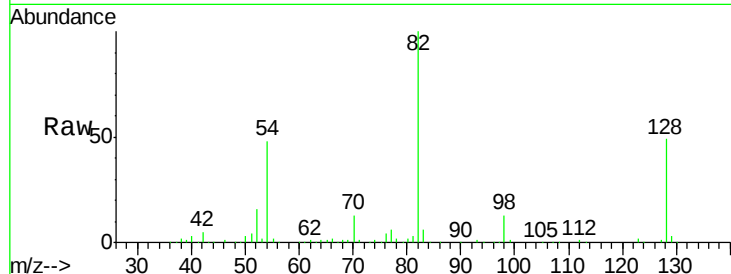




#23
Nitrobenzene-d5
Concen: 82.48 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

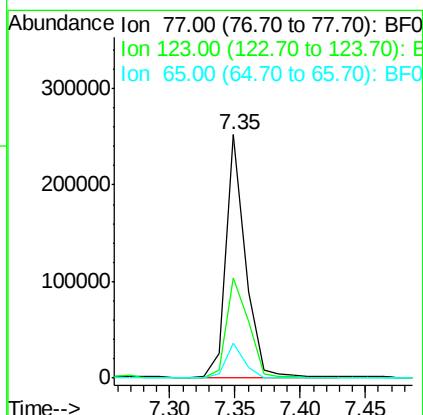
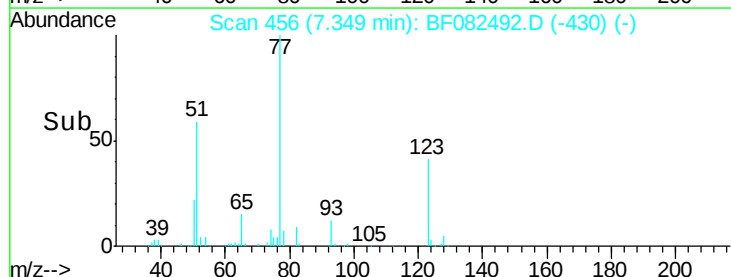
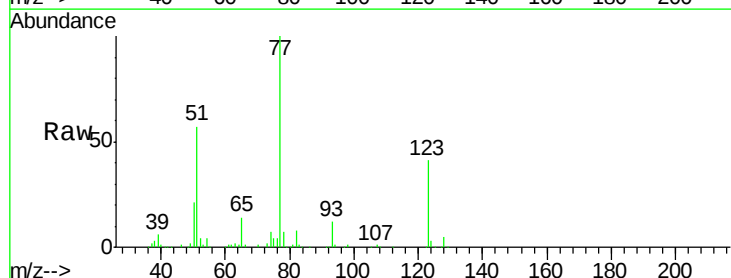
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 557715
Ion Ratio Lower Upper
82 100
128 48.6 38.7 58.1
54 48.3 40.1 60.1



#24
Nitrobenzene
Concen: 35.72 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion: 77 Resp: 261433
Ion Ratio Lower Upper
77 100
123 41.0 33.0 49.4
65 14.2 11.2 16.8





#25

Isophorone

Concen: 37.90 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

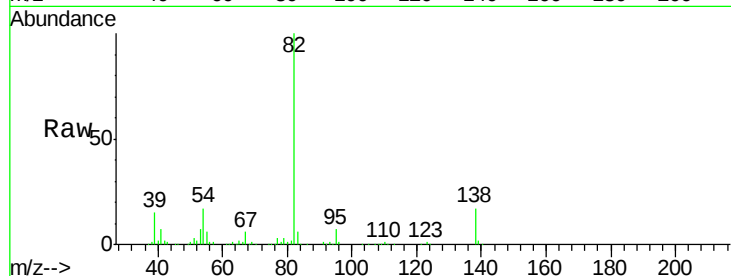
Tot Ion: 82 Resp: 517214

Ion Ratio Lower Upper

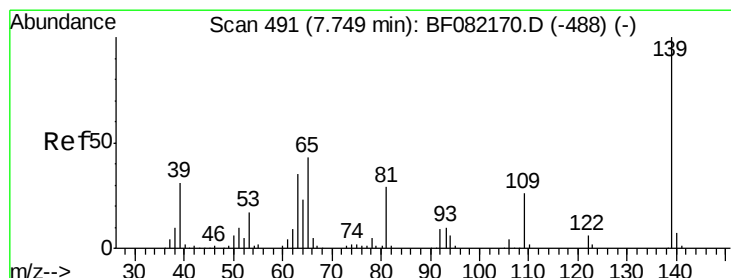
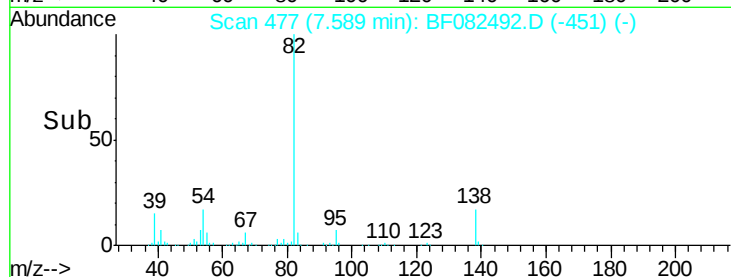
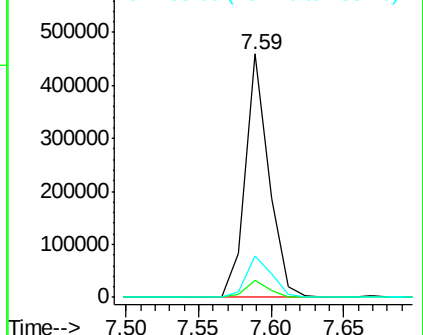
82 100

95 7.1 5.6 8.4

138 16.9 13.6 20.4



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



#26

2-Nitrophenol

Concen: 43.10 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

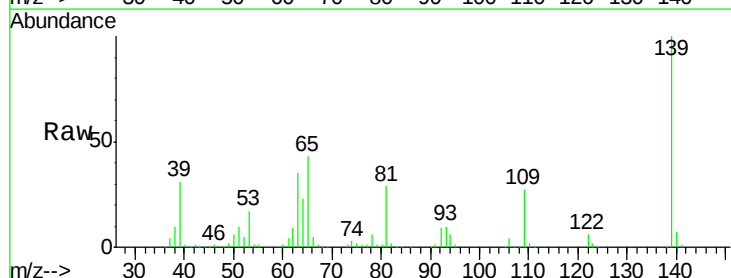
Tgt Ion: 139 Resp: 157530

Ion Ratio Lower Upper

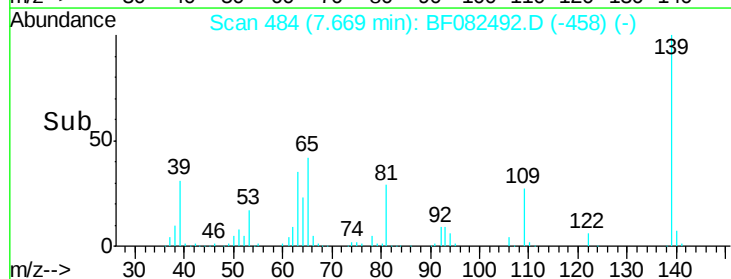
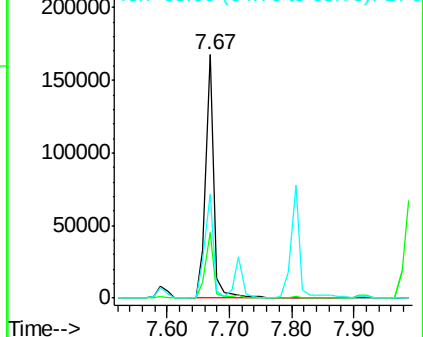
139 100

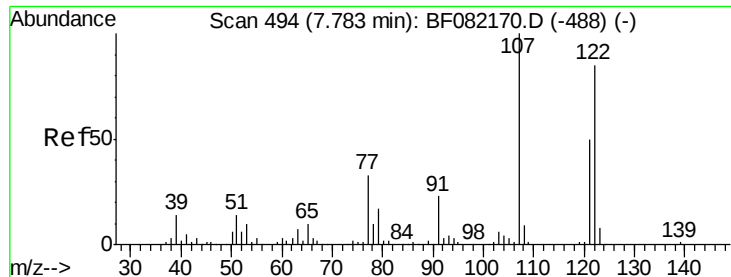
109 26.8 20.6 31.0

65 42.6 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 42.42 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

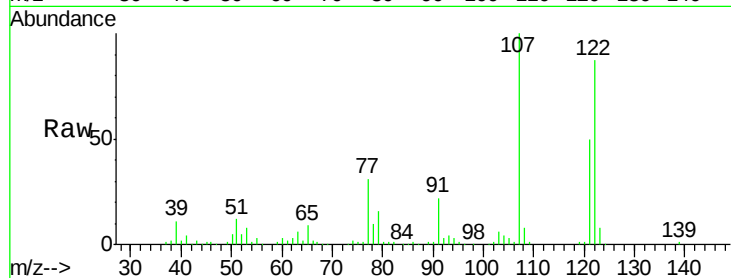
Tot Ion:122 Resp: 249746

Ion Ratio Lower Upper

122 100

107 115.4 94.0 141.0

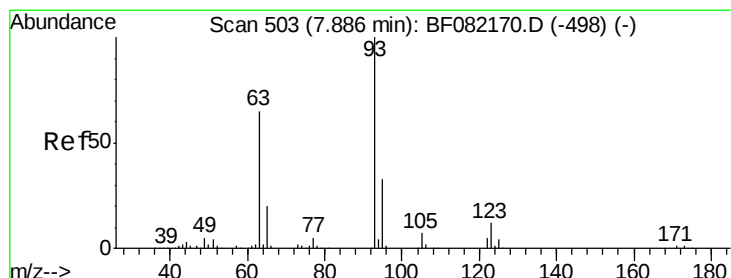
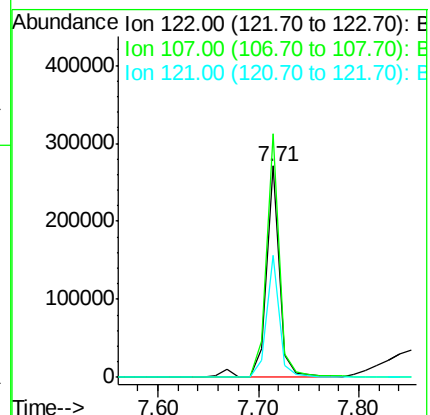
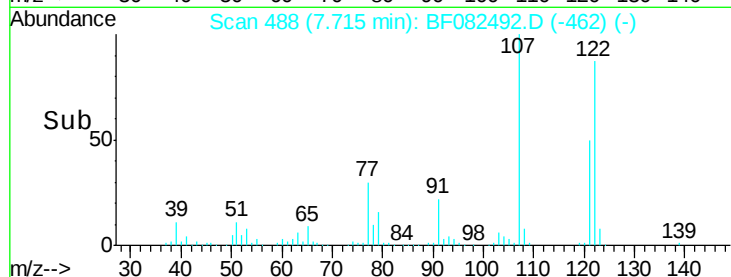
121 57.8 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.93 ng

RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

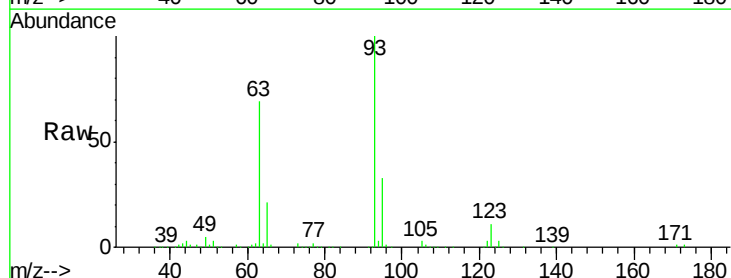
Tgt Ion: 93 Resp: 332951

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

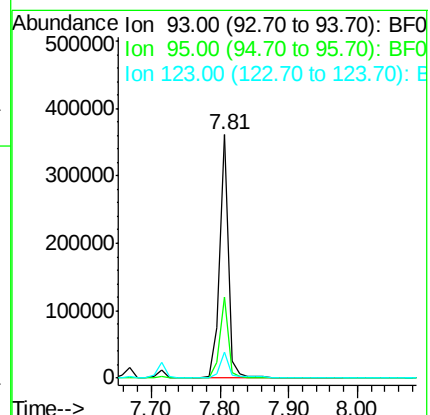
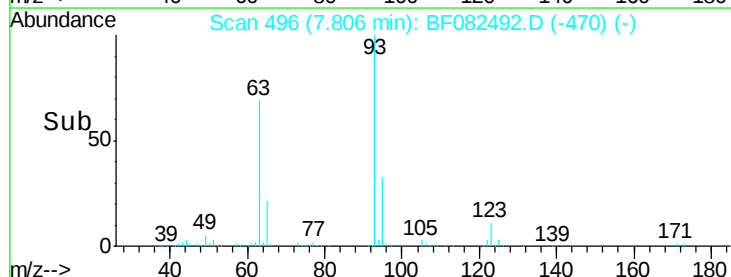
123 10.9 9.5 14.3

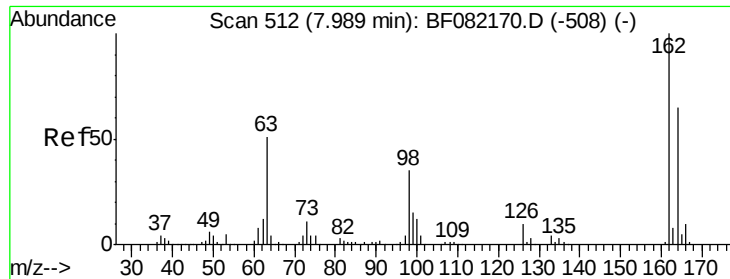


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

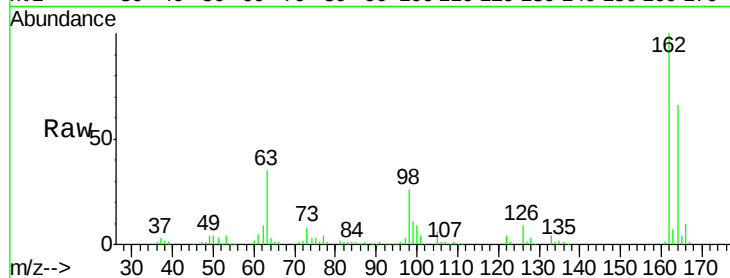




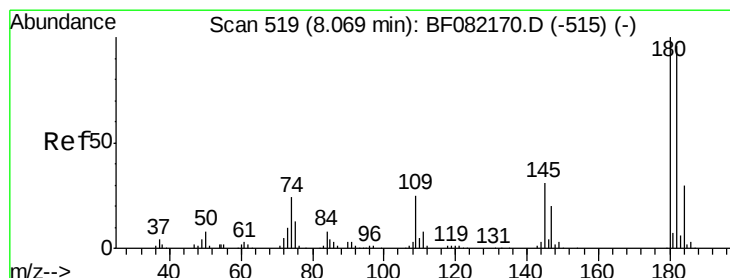
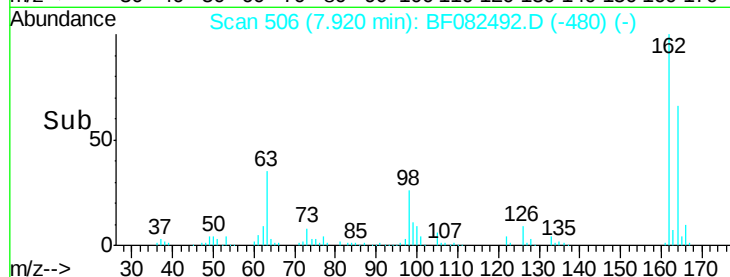
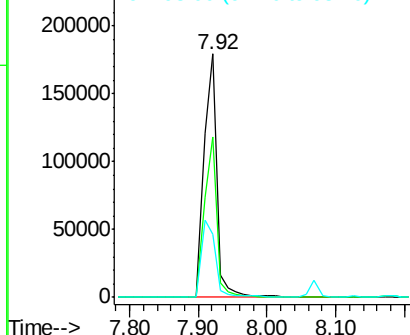
#29
 2,4-Dichlorophenol
 Concen: 39.29 ng
 RT: 7.92 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.6	84.6
98	25.9	15.0	55.0

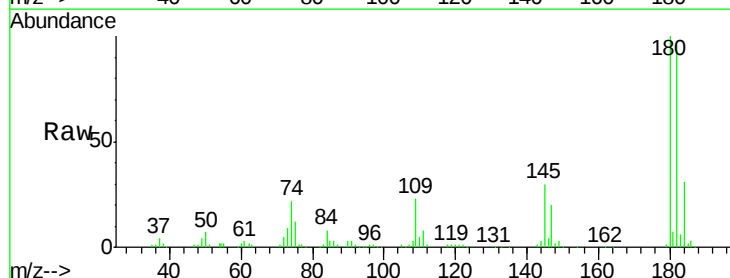


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

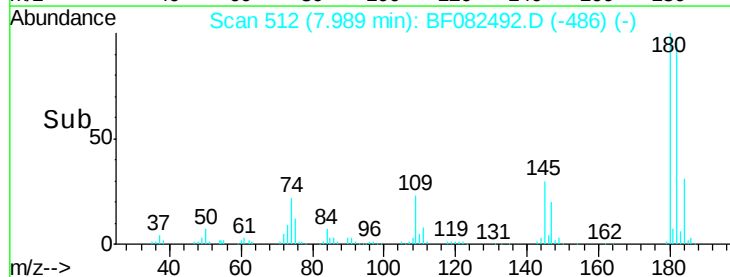
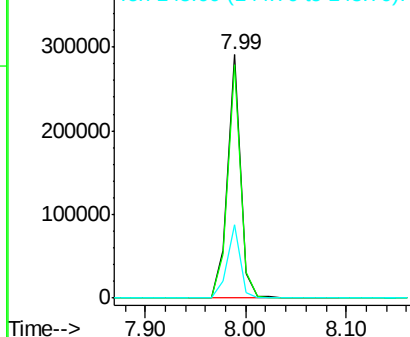


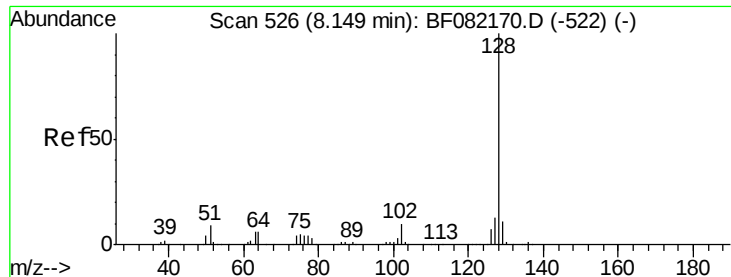
#30
 1,2,4-Trichlorobenzene
 Concen: 38.95 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
145	30.2	25.0	37.4



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

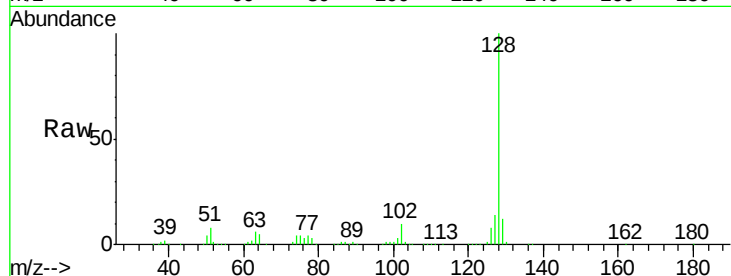




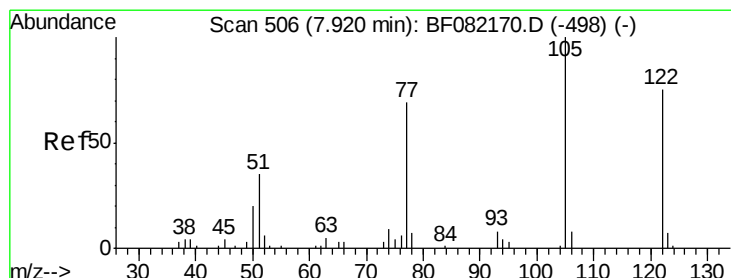
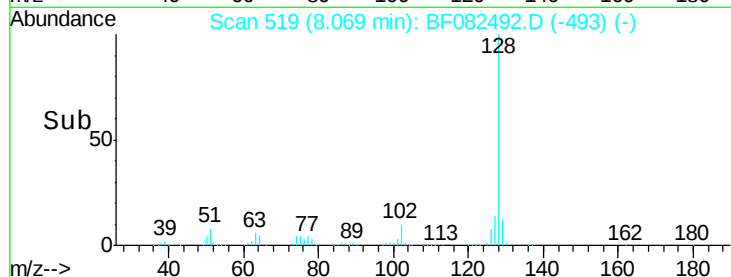
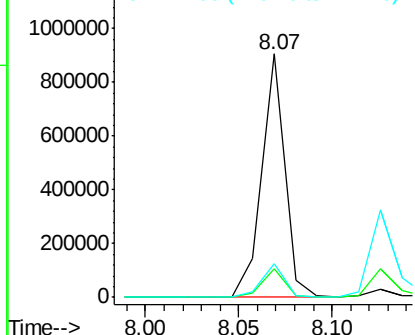
#31
Naphthalene
Concen: 39.37 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 774928
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.7 16.1

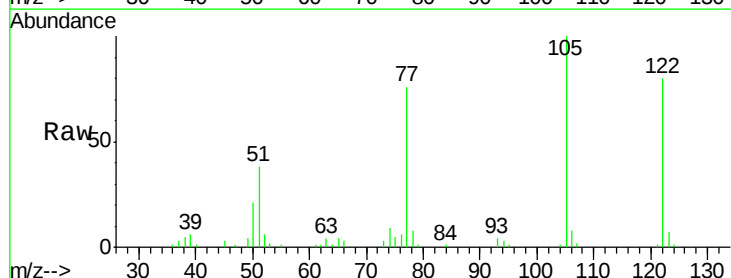


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

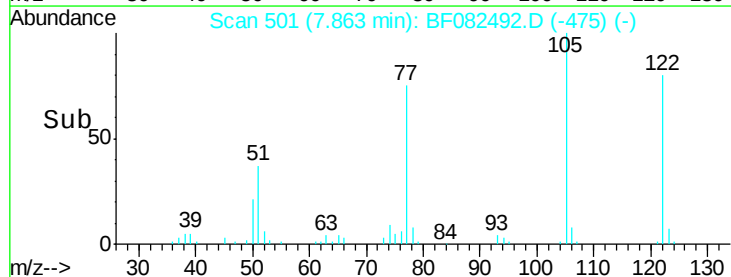
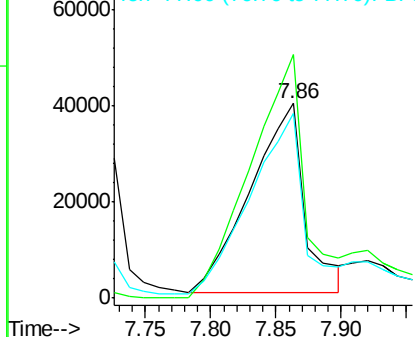


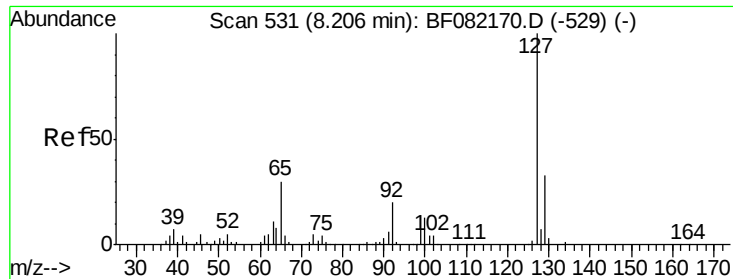
#32
Benzoic acid
Concen: 29.02 ng
RT: 7.86 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:122 Resp: 114677
Ion Ratio Lower Upper
122 100
105 125.0 104.4 144.4
77 95.1 69.0 109.0



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

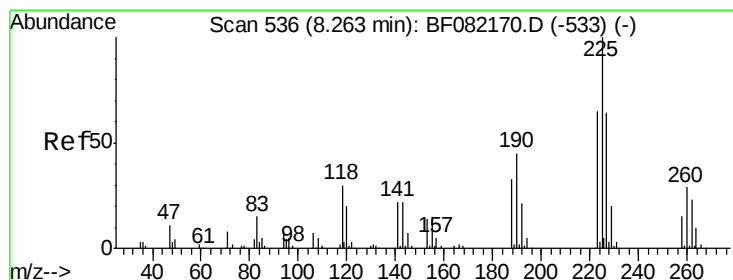
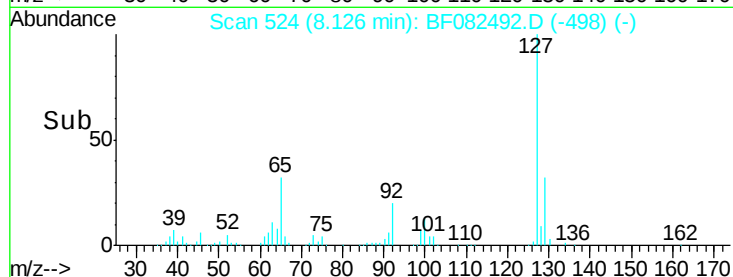
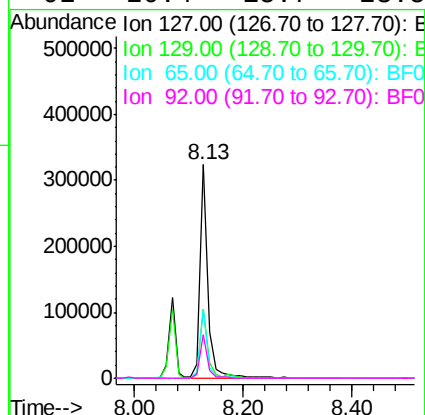
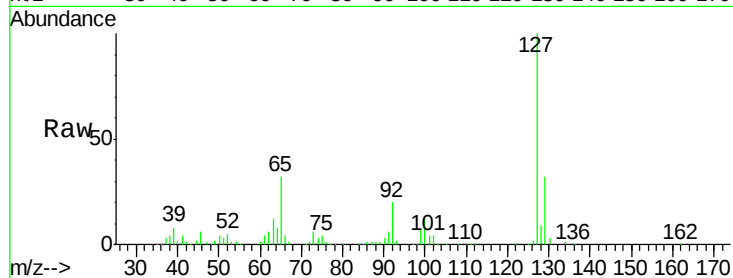




#33
4-Chloroaniline
Concen: 38.66 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

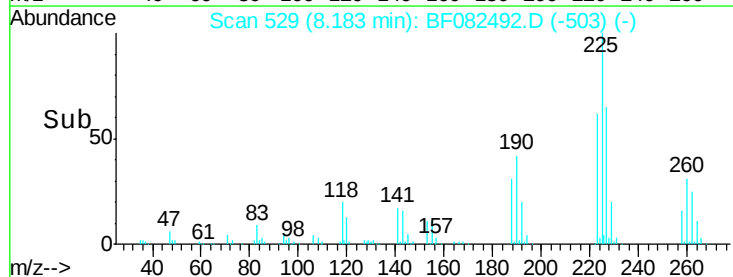
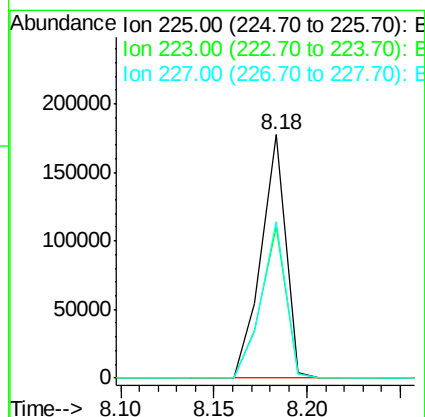
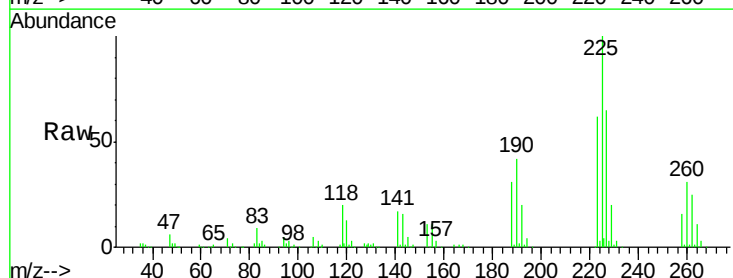
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	316063
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	32.4	24.4	36.6
92	20.4	15.7	23.5



#34
Hexachlorobutadiene
Concen: 38.40 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:	225	Resp:	162322
Ion	Ratio	Lower	Upper
225	100		
223	62.3	52.2	78.2
227	64.6	51.3	76.9





#35

Caprolactam

Concen: 42.32 ng

RT: 8.53 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

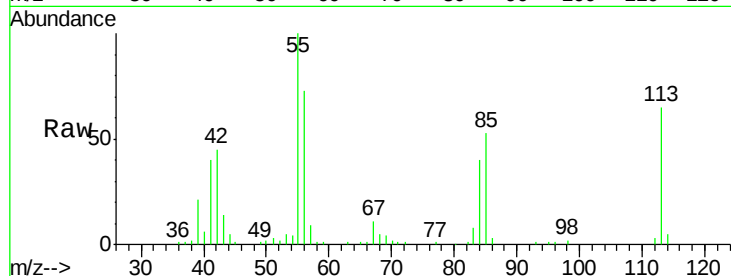
Tot Ion:113 Resp: 72292

Ion Ratio Lower Upper

113 100

55 152.9 149.7 189.7

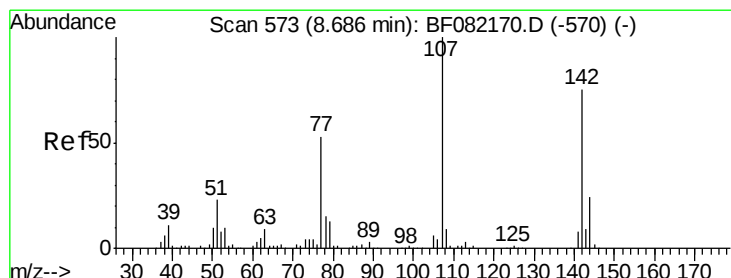
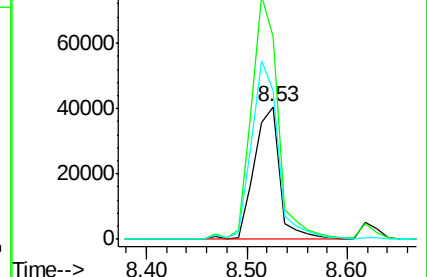
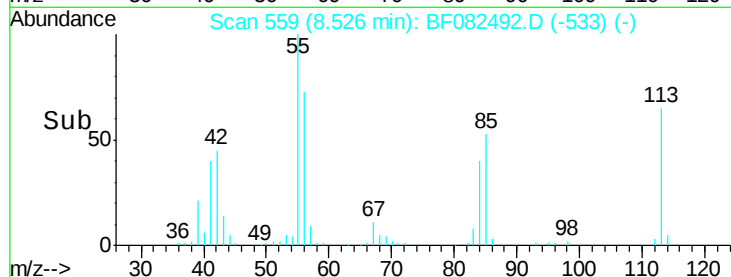
56 111.7 105.4 145.4



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: 37.86 ng

RT: 8.62 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

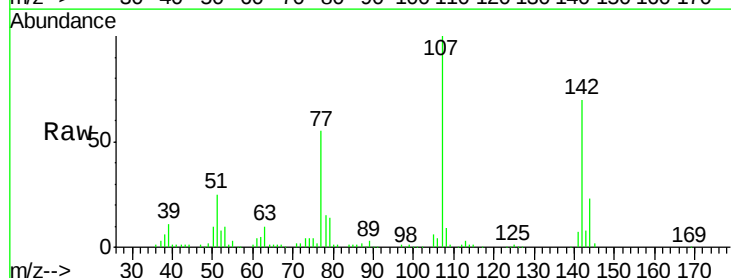
Tgt Ion:107 Resp: 217894

Ion Ratio Lower Upper

107 100

144 22.6 19.3 28.9

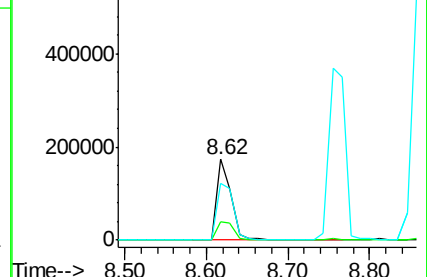
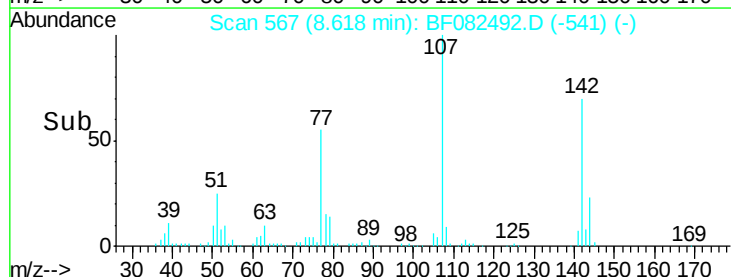
142 70.4 59.9 89.9

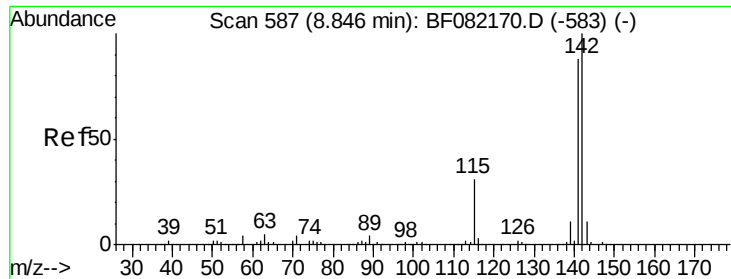


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

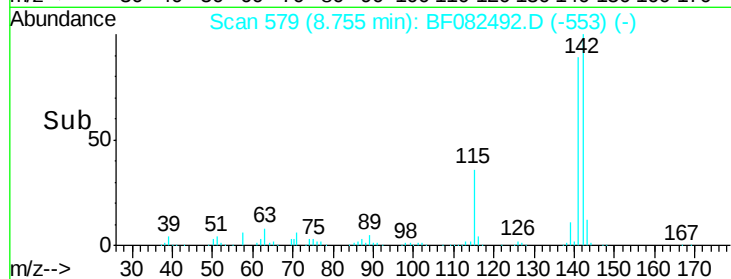
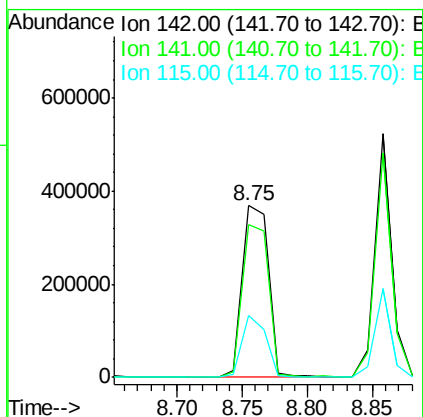
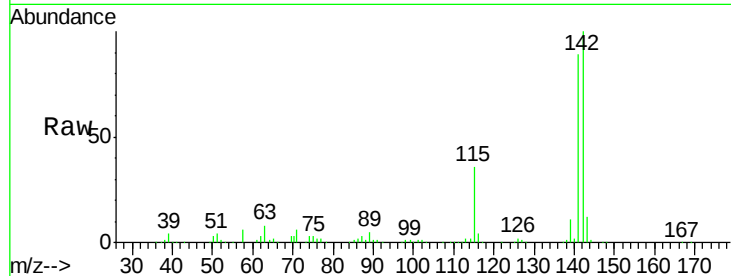




#37
 2-Methylnaphthalene
 Concen: 37.76 ng
 RT: 8.75 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

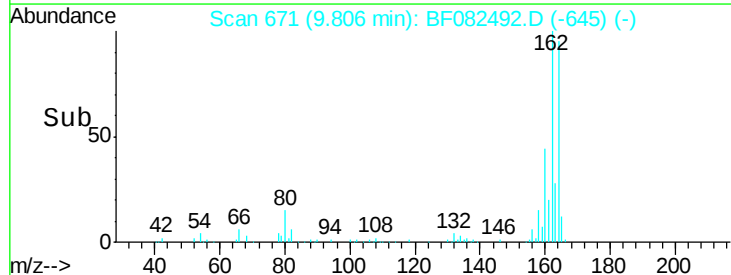
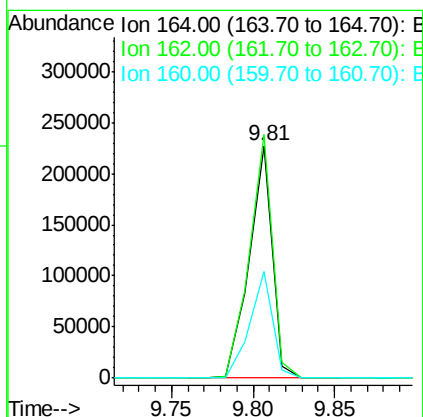
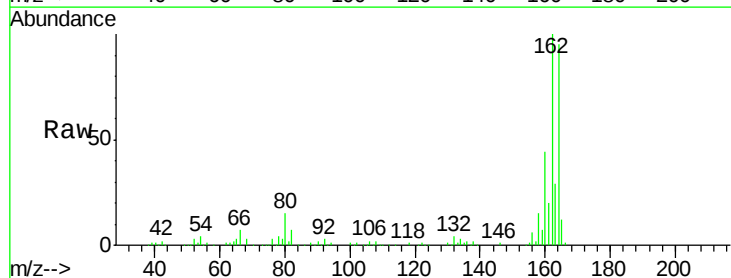
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:142 Resp: 515229
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.4 105.6
 115 36.2 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:164 Resp: 222477
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.6 122.4
 160 46.1 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.34 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 260346

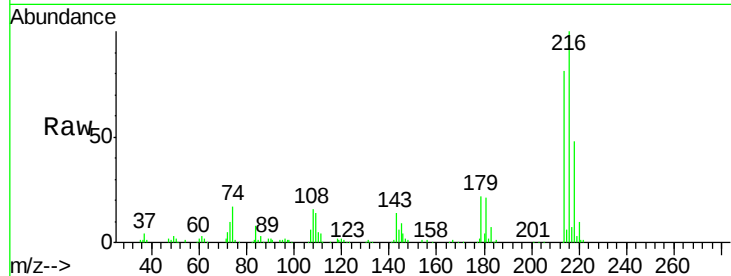
Ion Ratio Lower Upper

216 100

214 79.8 64.6 97.0

179 21.4 17.6 26.4

108 17.1 14.5 21.7

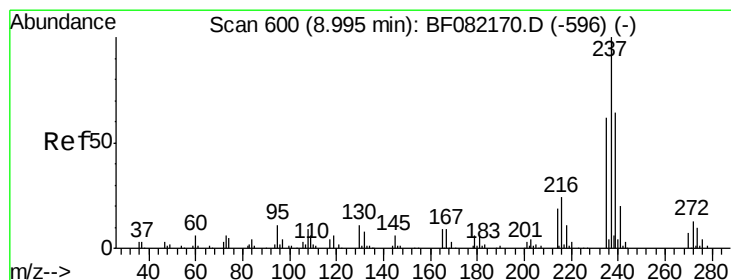
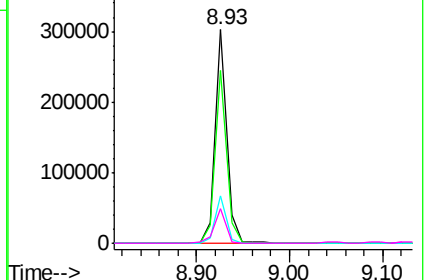
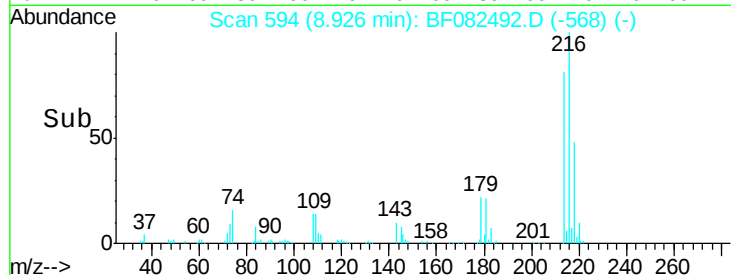


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 16.55 ng

RT: 8.90 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

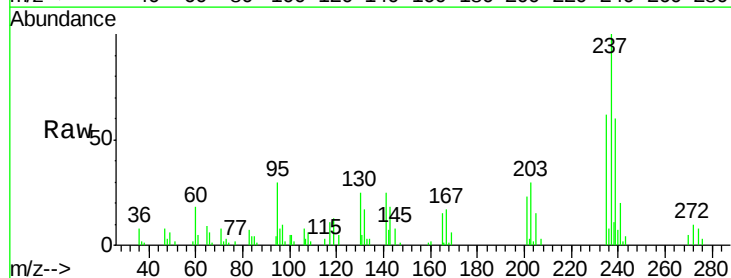
Tgt Ion:237 Resp: 30810

Ion Ratio Lower Upper

237 100

235 62.5 41.7 81.7

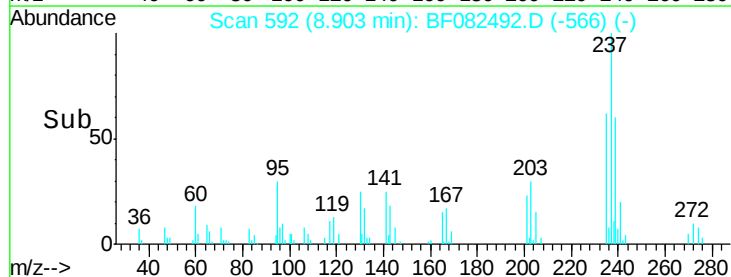
272 10.4 0.0 32.8



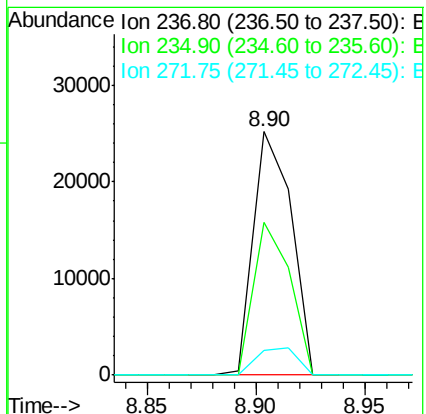
Abundance Ion 236.80 (236.50 to 237.50): E

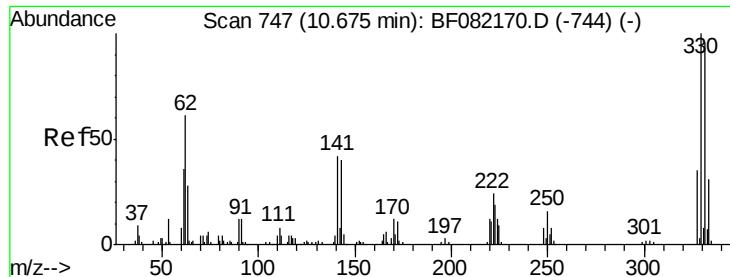
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

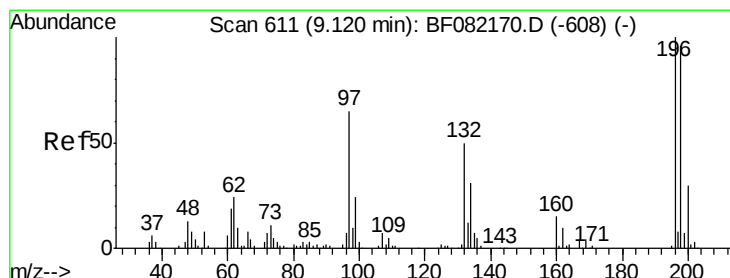
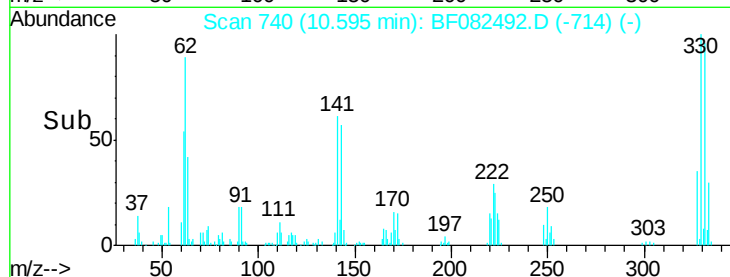
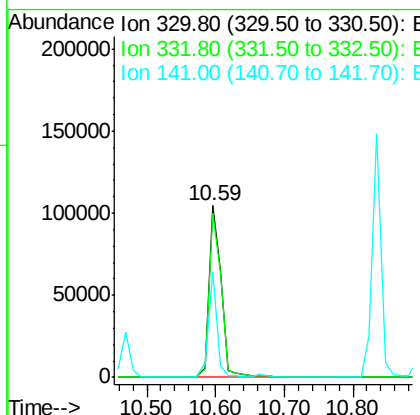
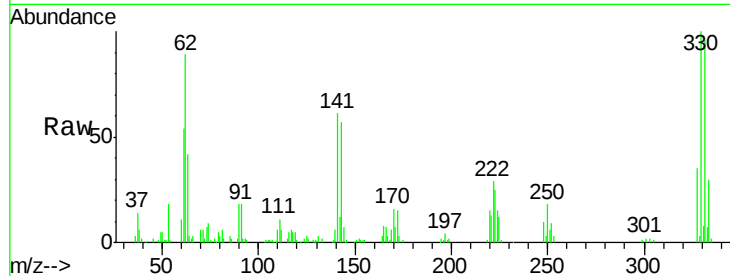




#41
 2,4,6-Tribromophenol
 Concen: 62.14 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

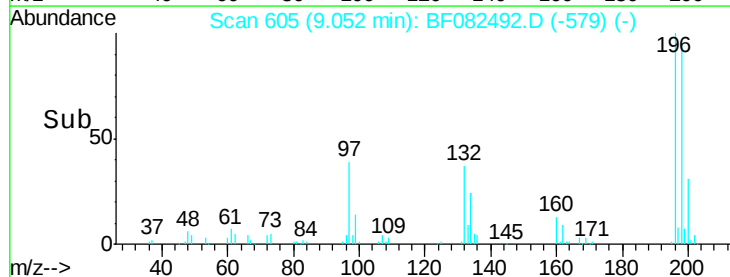
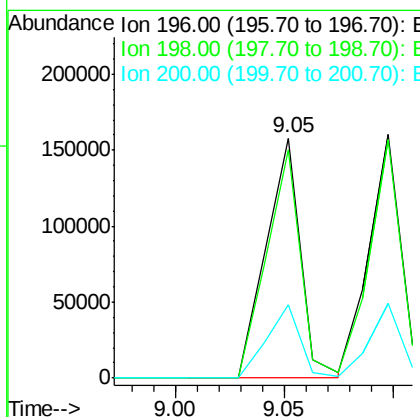
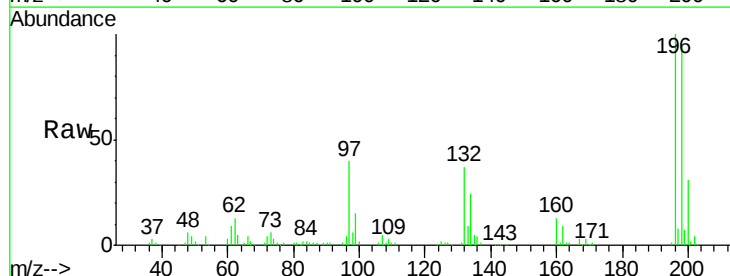
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	44.2	29.8	44.8



#42
 2,4,6-Trichlorophenol
 Concen: 39.70 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
200	30.7	23.7	35.5

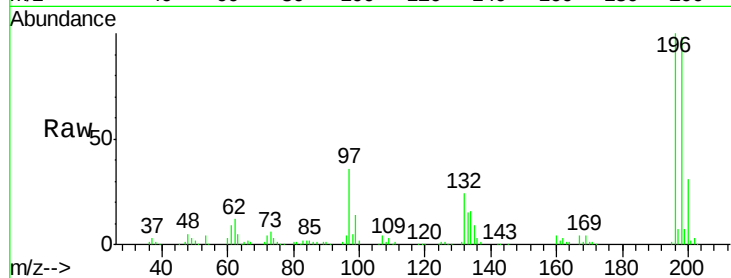




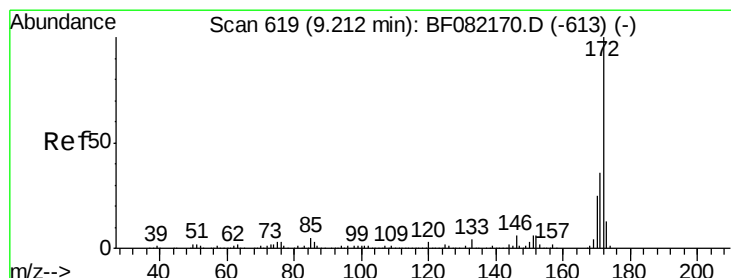
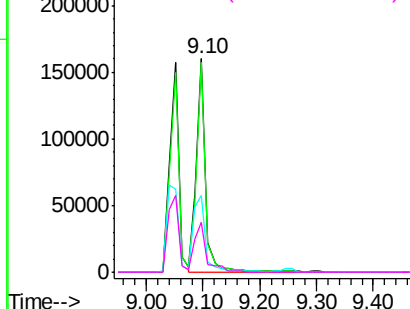
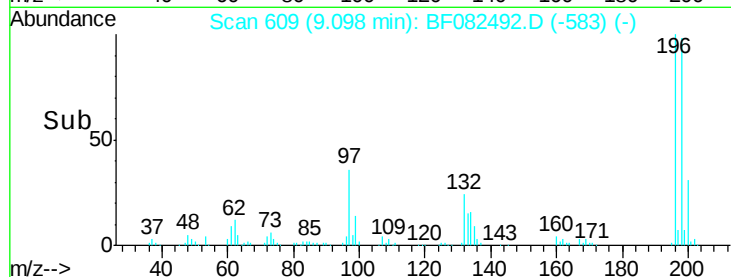
#43
 2,4,5-Trichlorophenol
 Concen: 37.76 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	77.0	115.4
97	36.1	31.9	47.9
132	23.6	20.3	30.5

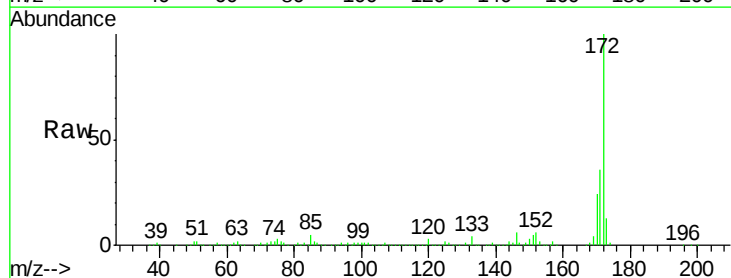


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

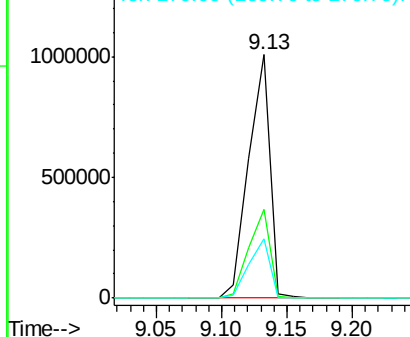
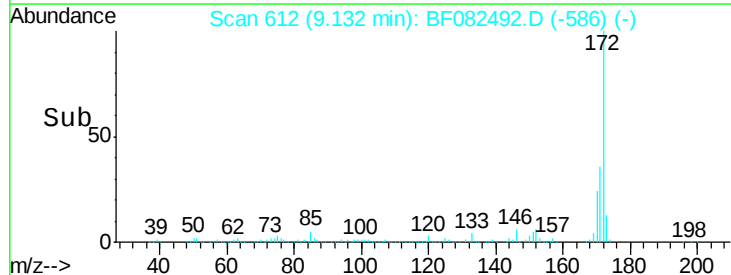


#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.4	19.7	29.5



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

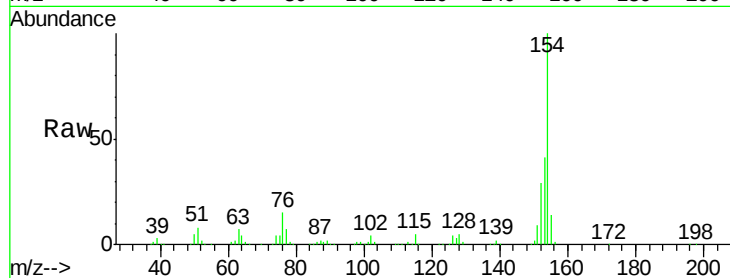




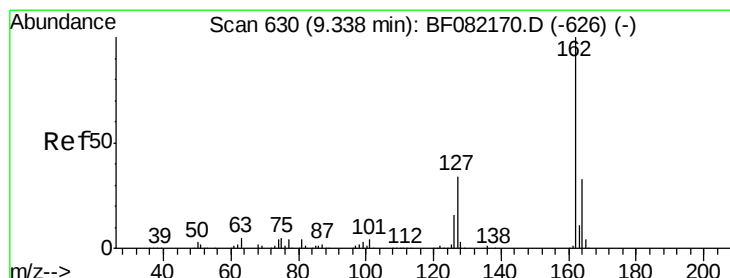
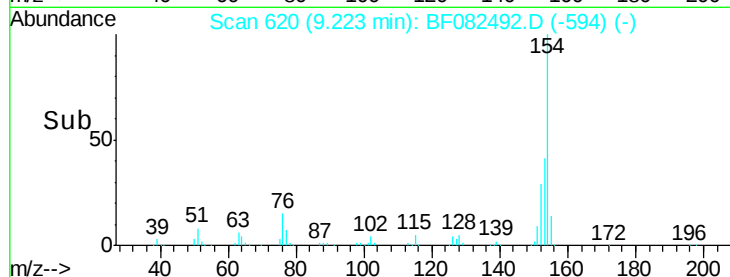
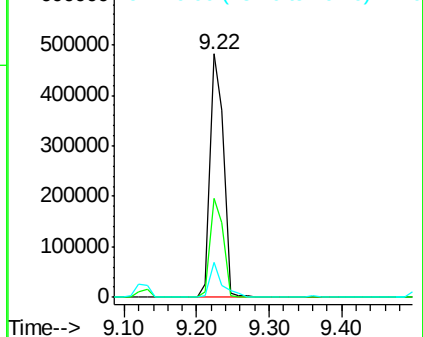
#45
 1,1'-Biphenyl
 Concen: 36.46 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 618561
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 14.5 0.0 35.2

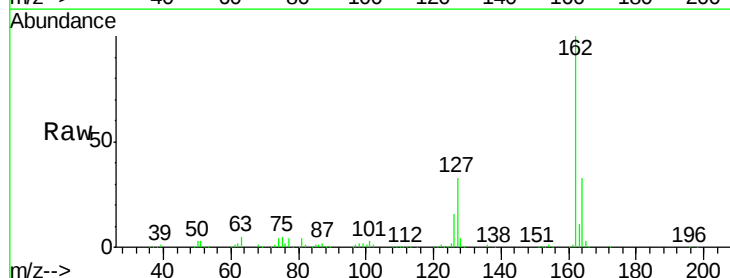


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

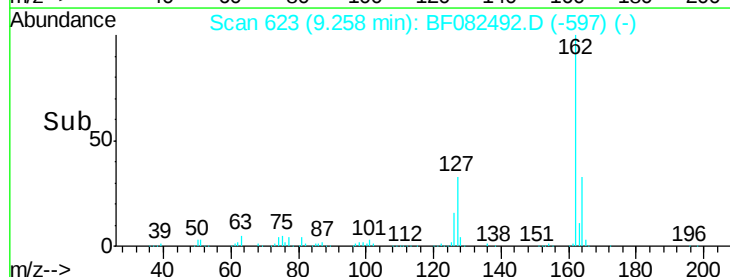
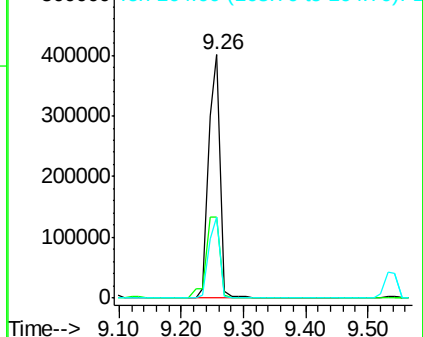


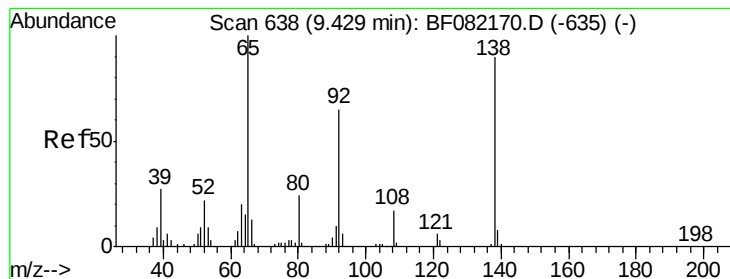
#46
 2-Chloronaphthalene
 Concen: 38.09 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:162 Resp: 508689
 Ion Ratio Lower Upper
 162 100
 127 33.2 27.5 41.3
 164 33.3 26.6 39.8



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





#47

2-Nitroaniline

Concen: 44.61 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

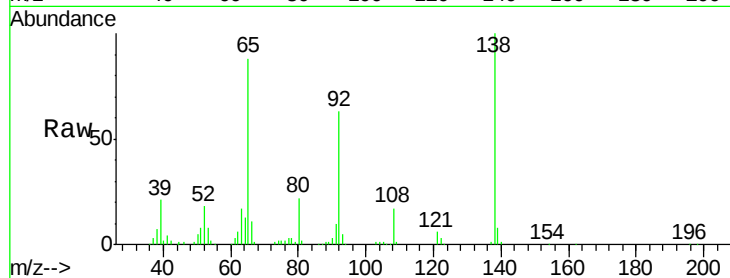
Tot Ion: 65 Resp: 163548

Ion Ratio Lower Upper

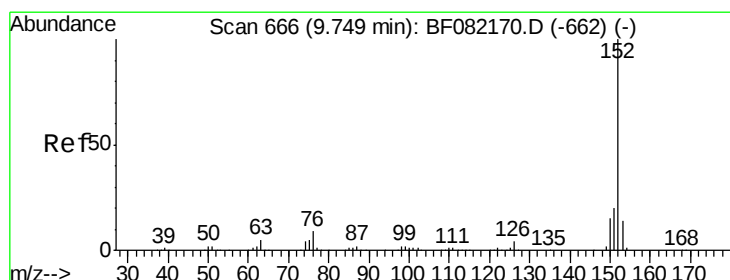
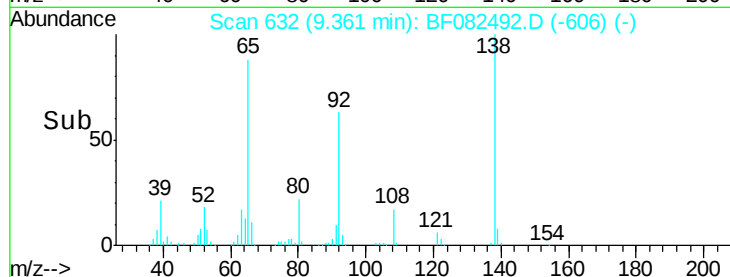
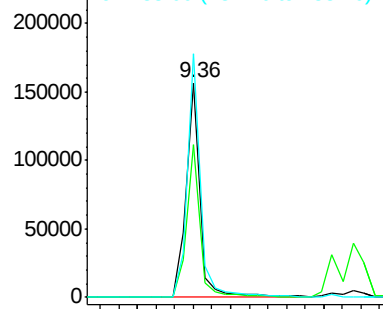
65 100

92 71.3 52.3 78.5

138 113.6 72.2 108.4#



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



#48

Acenaphthylene

Concen: 40.68 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

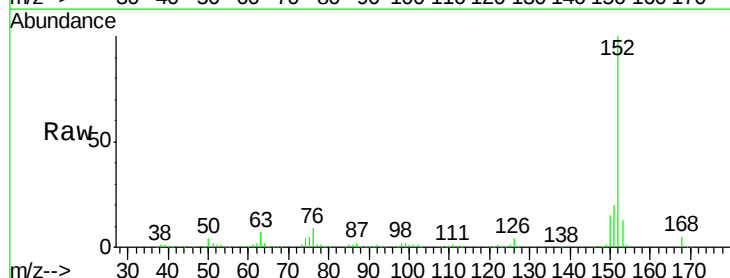
Tgt Ion: 152 Resp: 846231

Ion Ratio Lower Upper

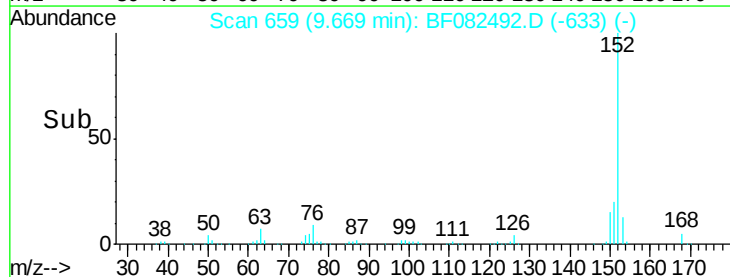
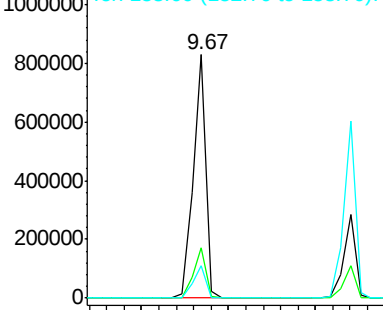
152 100

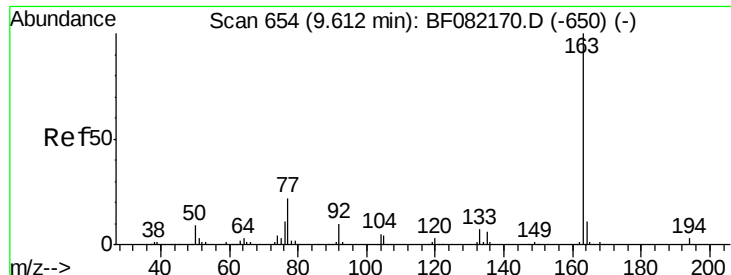
151 20.4 16.4 24.6

153 13.3 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

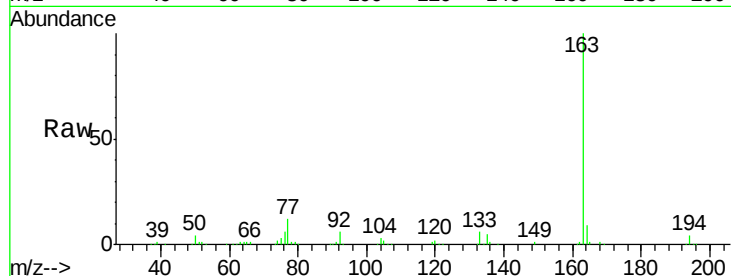




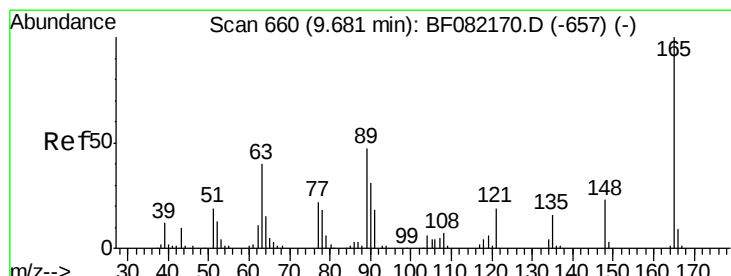
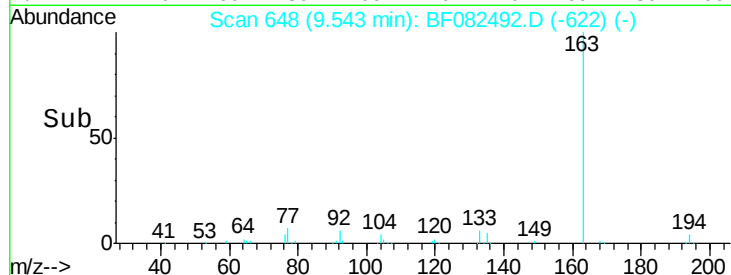
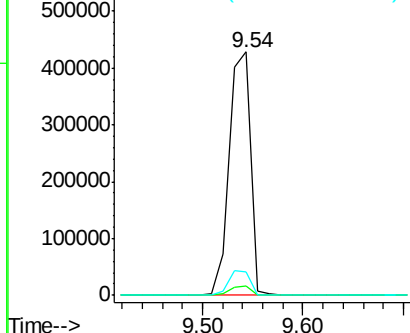
#49
Dimethylphthalate
Concen: 40.21 ng
RT: 9.54 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 630002
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.4 8.5 12.7

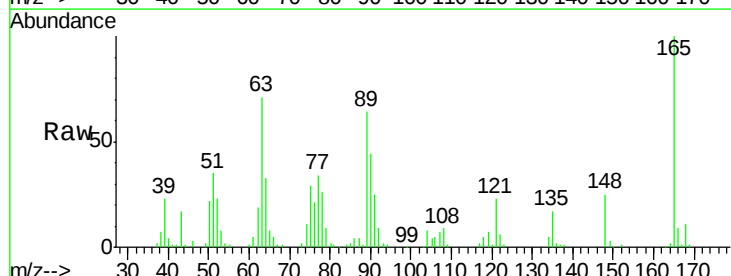


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

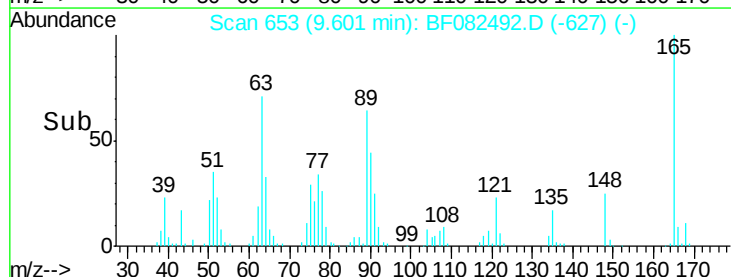
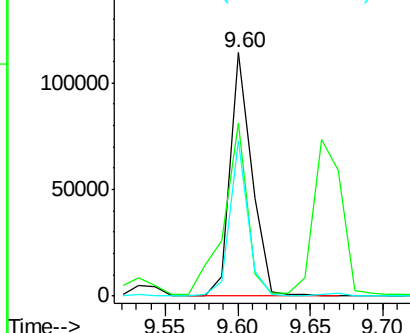


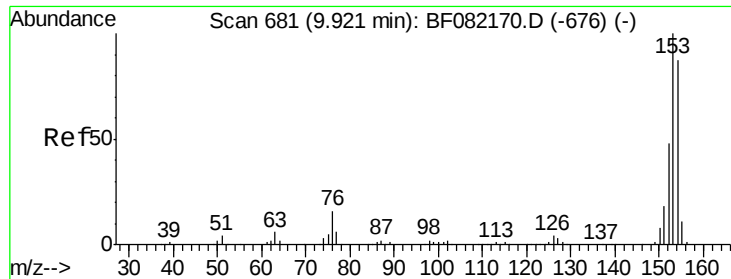
#50
2,6-Dinitrotoluene
Concen: 35.82 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:165 Resp: 118413
Ion Ratio Lower Upper
165 100
63 71.2 36.7 55.1#
89 63.7 37.8 56.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.85 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

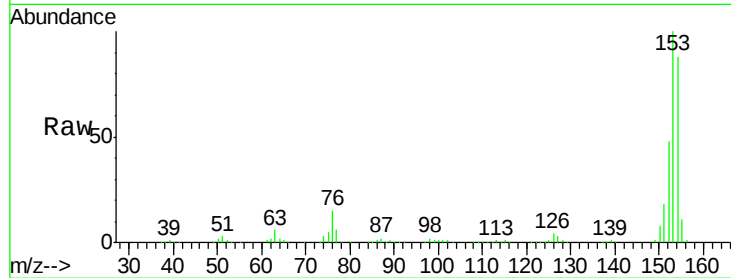
Tot Ion:154 Resp: 485200

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

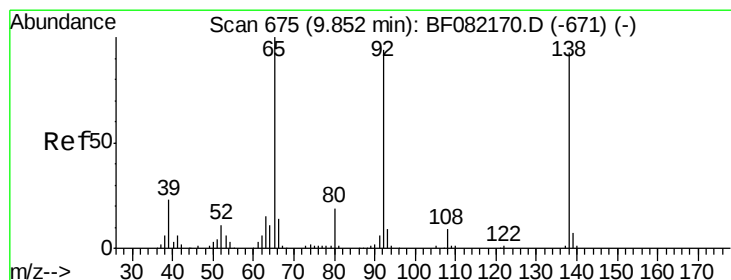
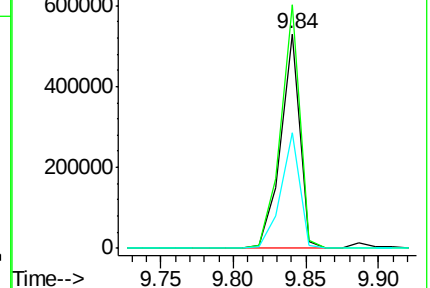
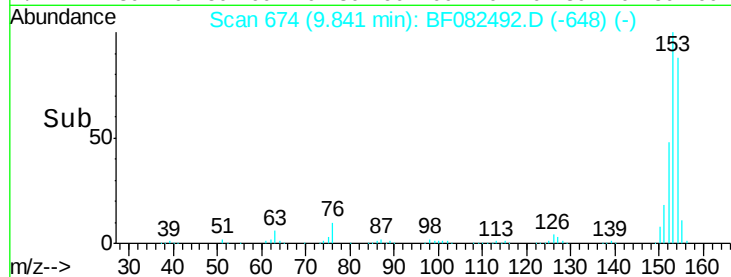
152 54.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.34 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

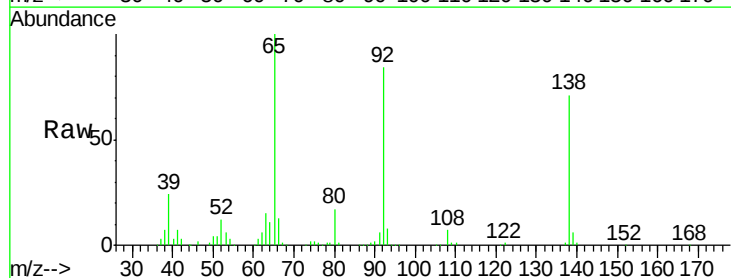
Tgt Ion:138 Resp: 135702

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

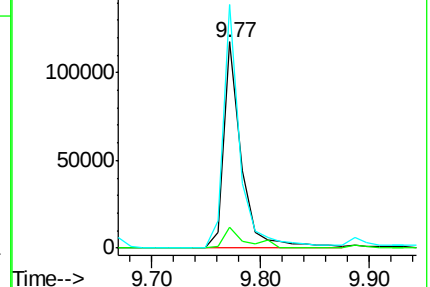
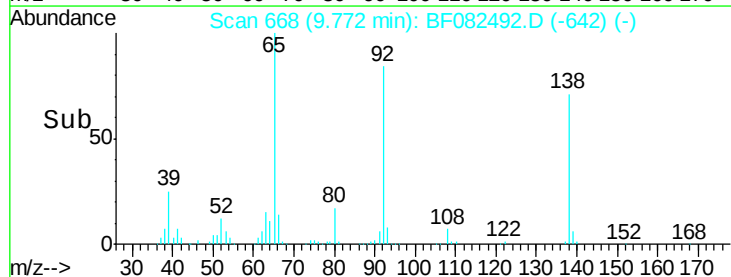
92 118.2 81.3 121.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

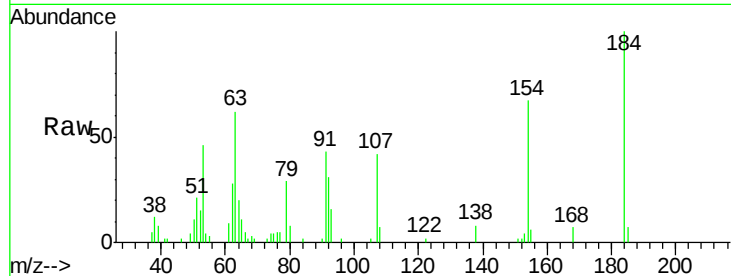




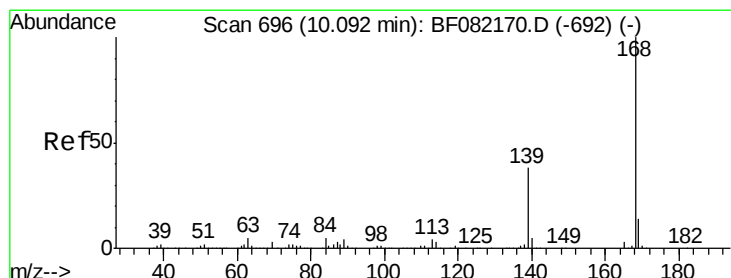
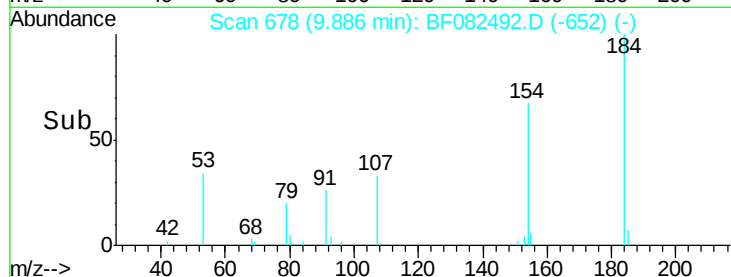
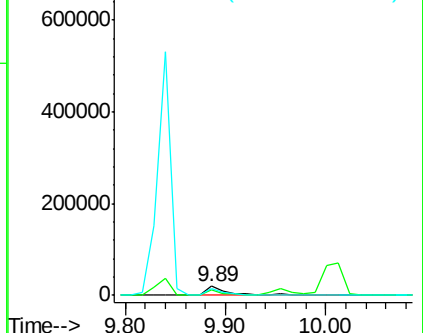
#53
2,4-Dinitrophenol
Concen: 22.75 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 32834
Ion Ratio Lower Upper
184 100
63 61.8 45.1 67.7
154 67.4 51.2 76.8

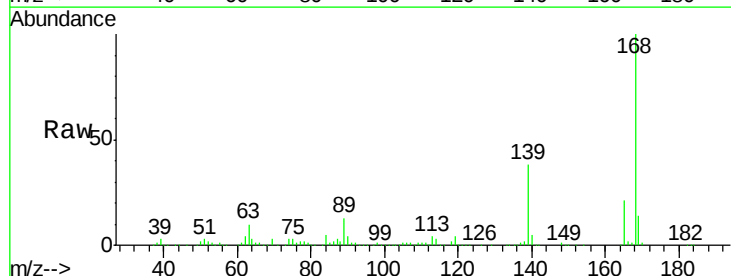


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

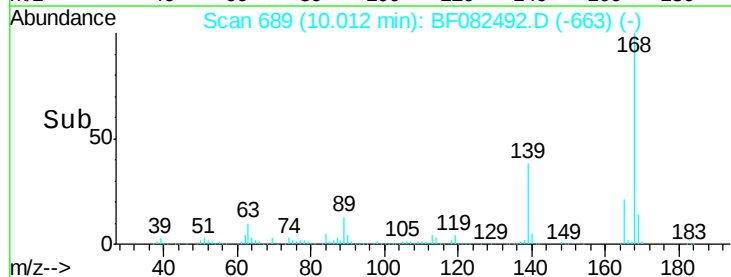
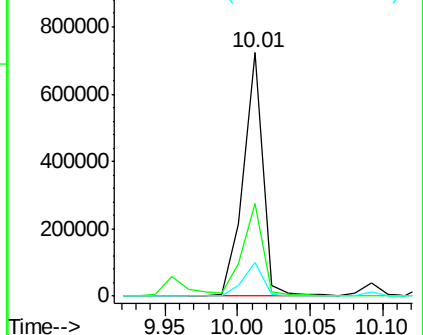


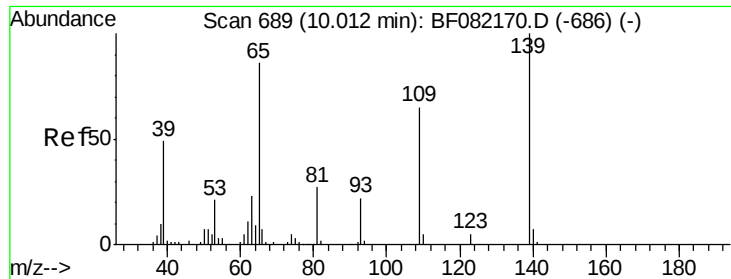
#54
Dibenzofuran
Concen: 39.77 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:168 Resp: 681931
Ion Ratio Lower Upper
168 100
139 38.2 31.0 46.6
169 13.7 10.9 16.3



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

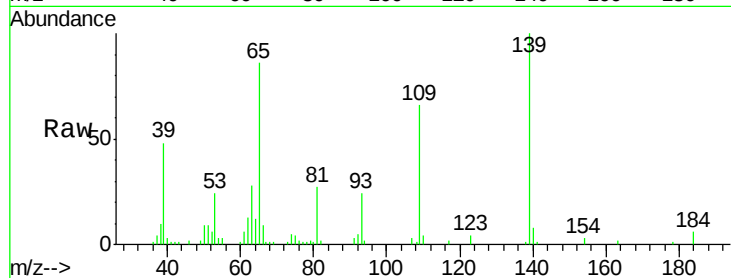




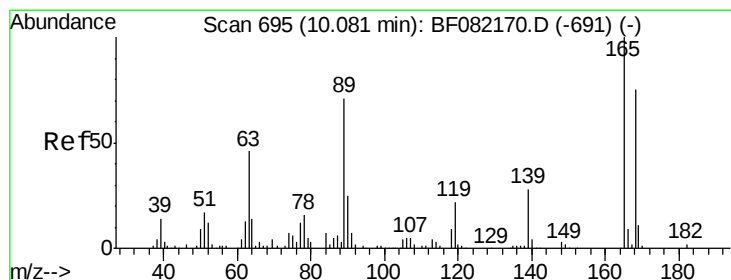
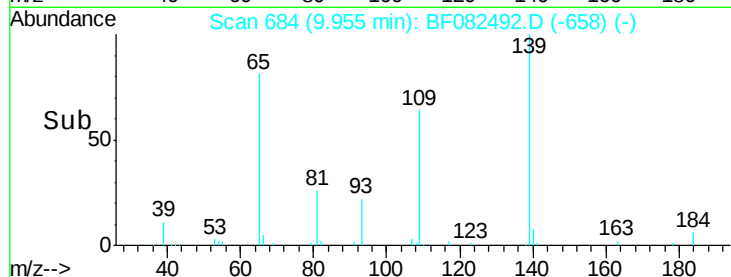
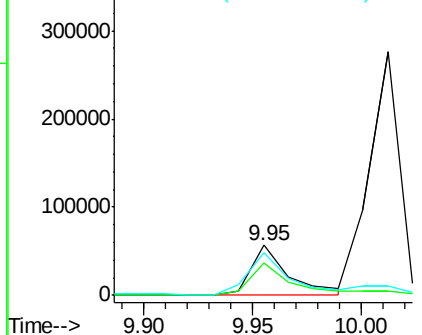
#55
4-Nitrophenol
Concen: 34.78 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 69946
Ion Ratio Lower Upper
139 100
109 65.7 44.8 84.8
65 85.6 67.7 107.7

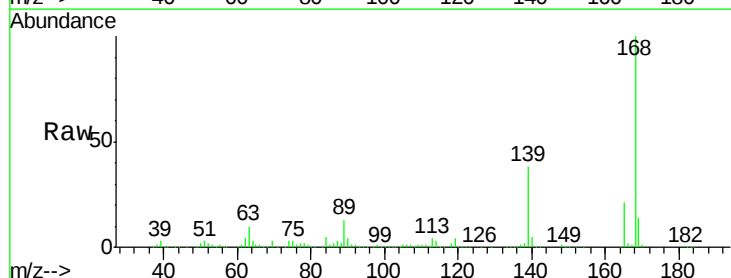


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

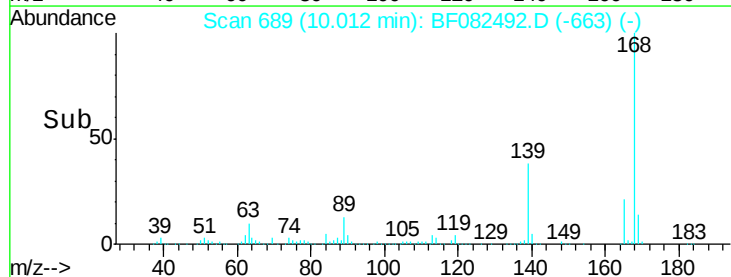
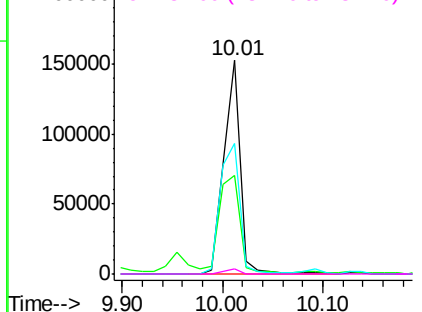


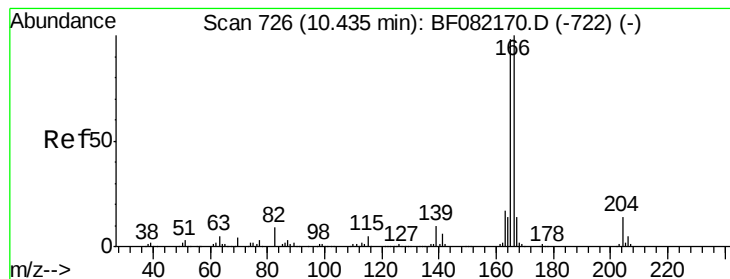
#56
2,4-Dinitrotoluene
Concen: 42.04 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:165 Resp: 173672
Ion Ratio Lower Upper
165 100
63 46.1 38.6 58.0
89 61.2 57.0 85.6
182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.54 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

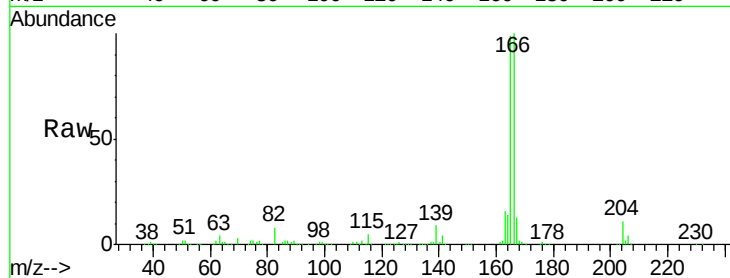
Tot Ion:166 Resp: 585052

Ion Ratio Lower Upper

166 100

165 99.0 78.3 117.5

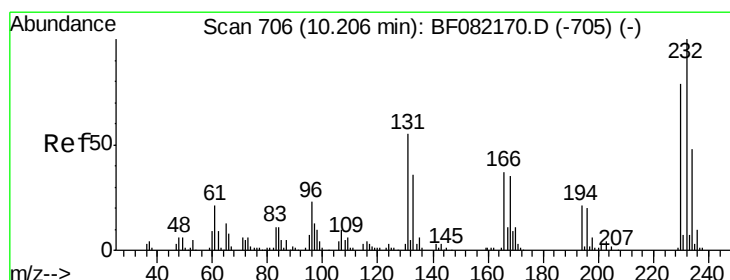
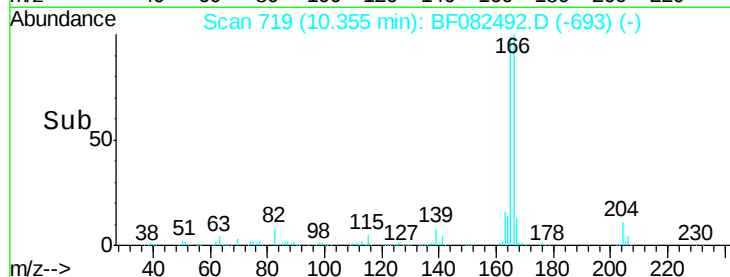
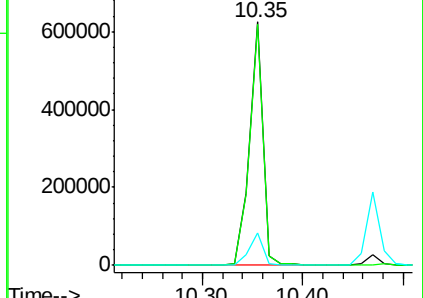
167 13.3 10.8 16.2



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: 36.57 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Tgt Ion:232 Resp: 142252

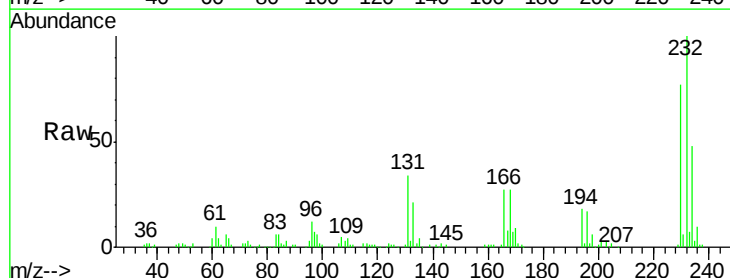
Ion Ratio Lower Upper

232 100

131 43.4 36.6 54.8

130 1.7 1.5 2.3

166 29.3 24.6 37.0

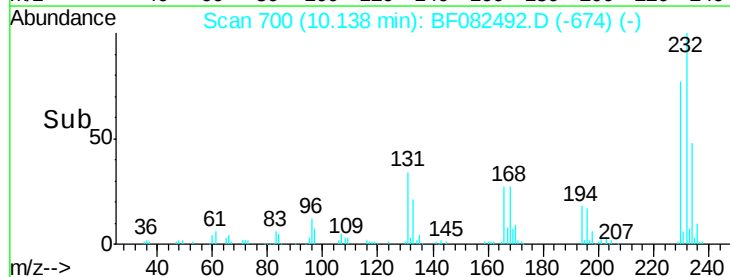
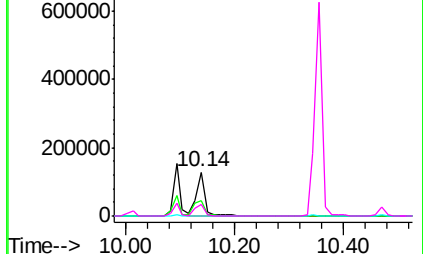


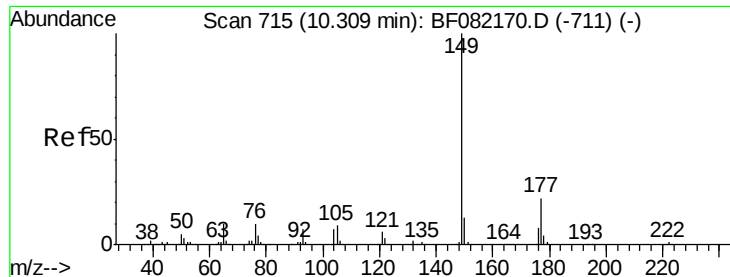
Abundance Ion 232.00 (231.70 to 232.70): E

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

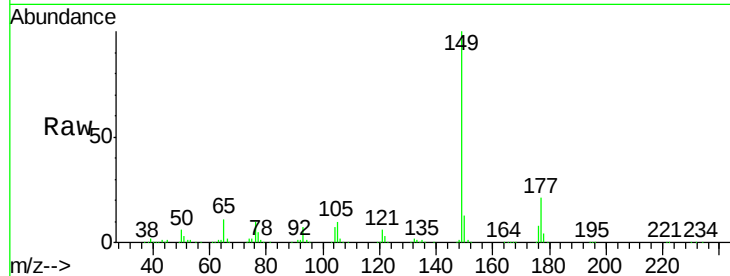




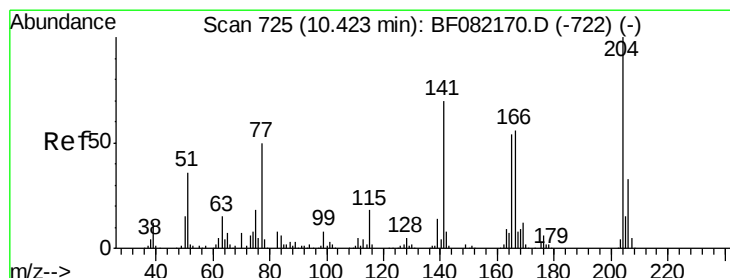
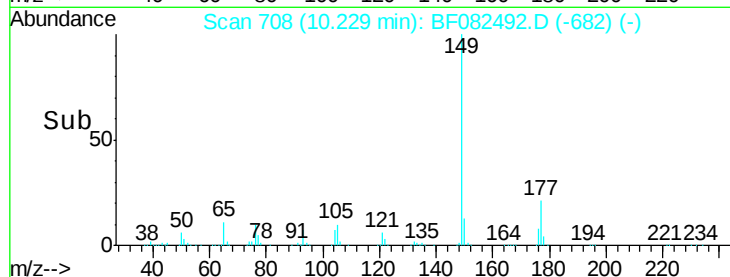
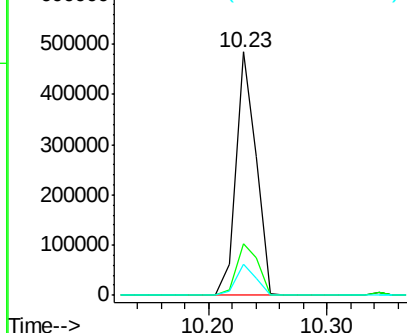
#59
Diethylphthalate
Concen: 39.05 ng
RT: 10.23 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 570310
Ion Ratio Lower Upper
149 100
177 21.0 17.6 26.4
150 12.9 10.3 15.5

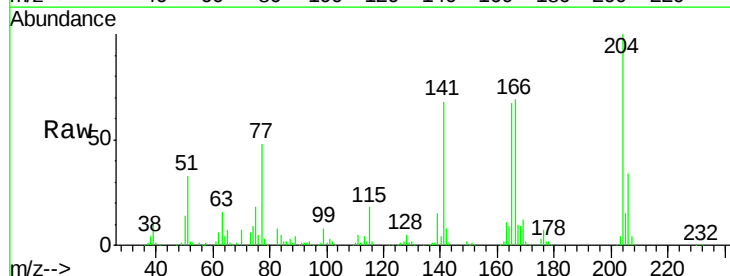


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

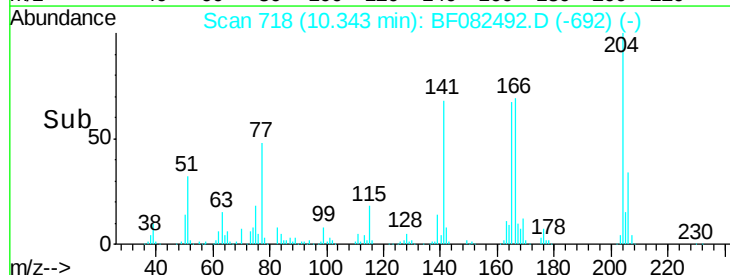
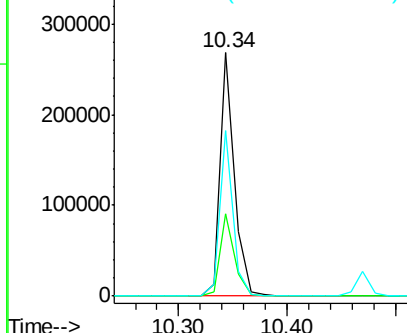


#60
4-Chlorophenyl-phenylether
Concen: 38.28 ng
RT: 10.34 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:204 Resp: 246923
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 67.8 56.1 84.1



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: 40.72 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

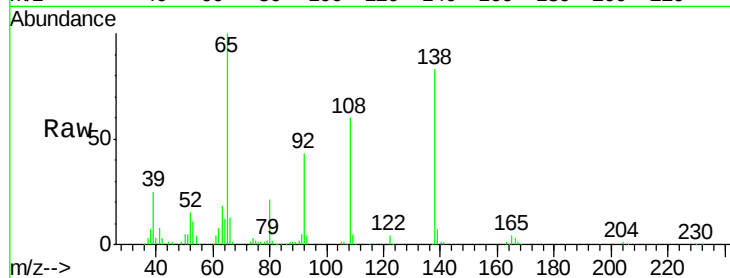
Tot Ion:138 Resp: 147461

Ion Ratio Lower Upper

138 100

92 51.4 26.8 66.8

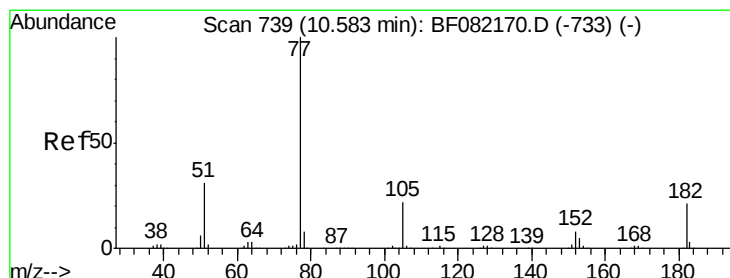
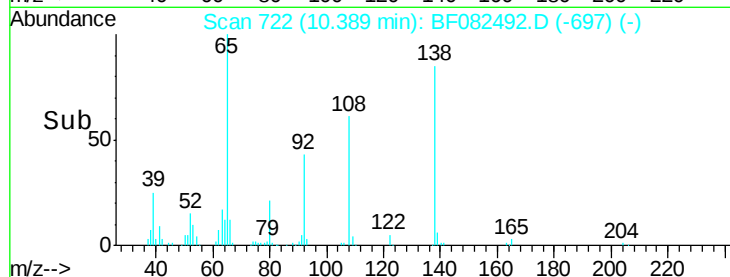
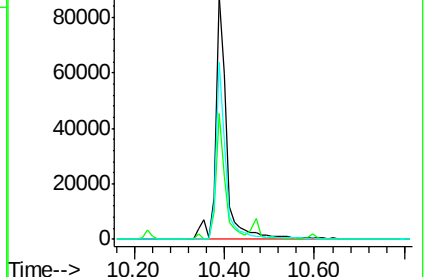
108 72.9 48.4 88.4



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: 37.18 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Tgt Ion: 77 Resp: 531343

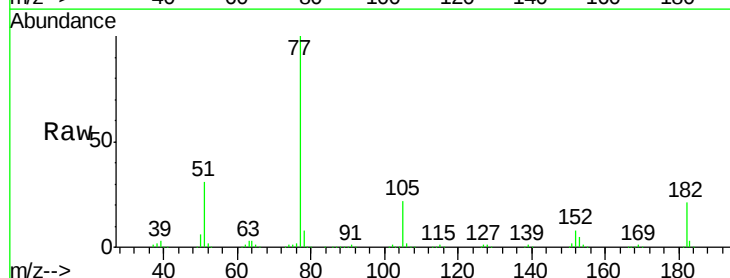
Ion Ratio Lower Upper

77 100

182 21.1 0.5 40.5

105 21.7 1.8 41.8

51 30.8 11.2 51.2

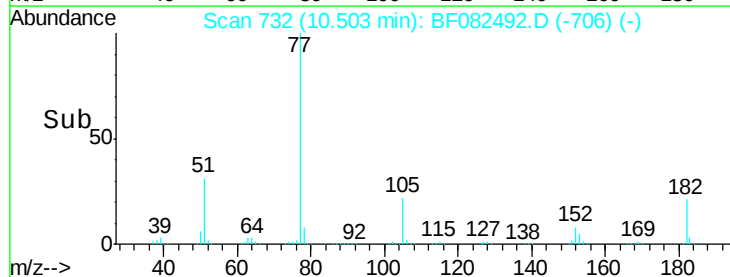
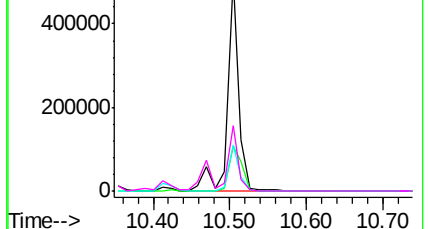


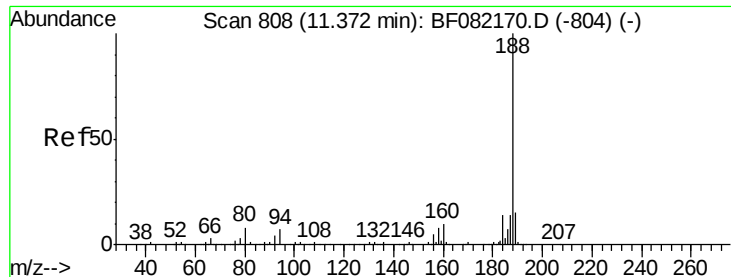
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

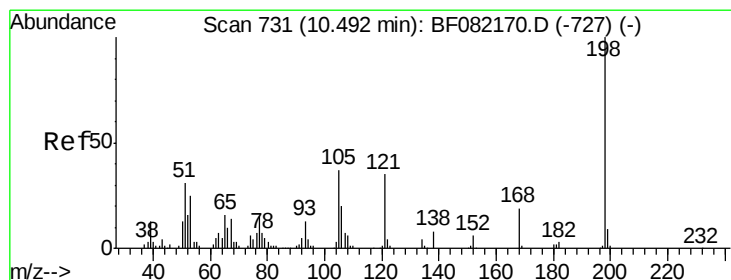
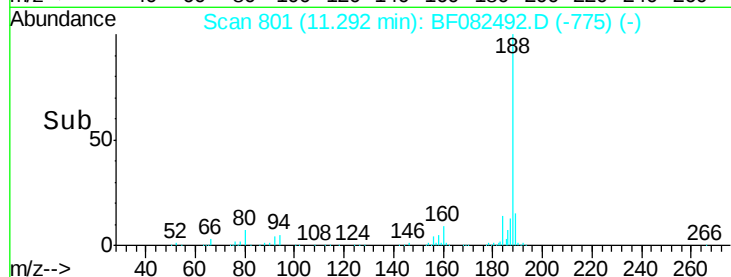
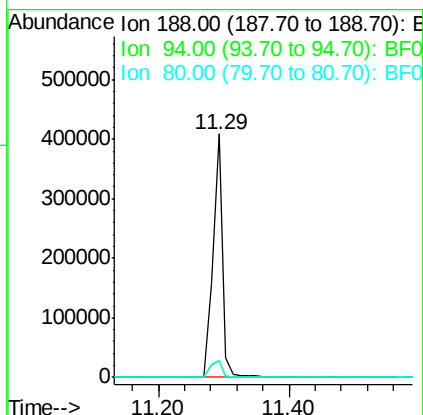
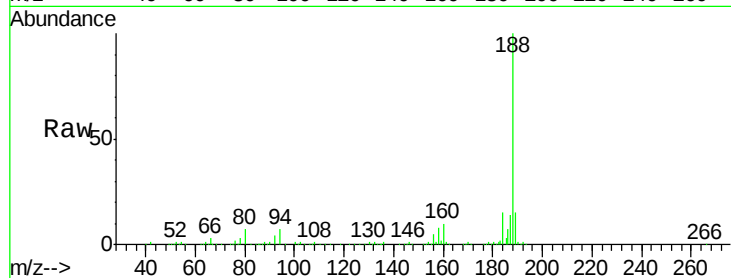




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

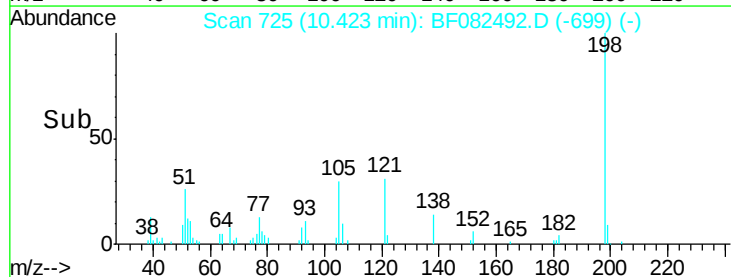
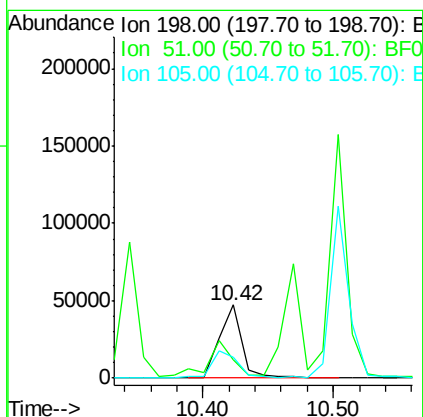
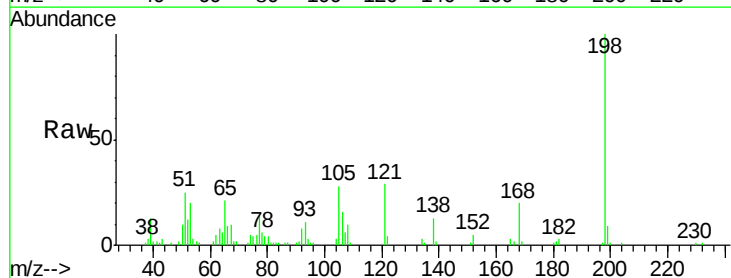
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

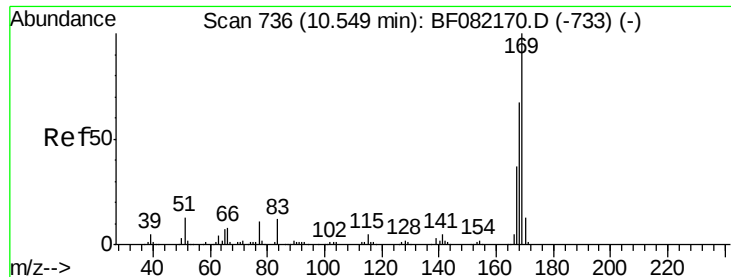
Tot Ion:188 Resp: 422945
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.2 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 24.09 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:198 Resp: 57185
Ion Ratio Lower Upper
198 100
51 25.1 13.6 53.6
105 28.1 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 37.84 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

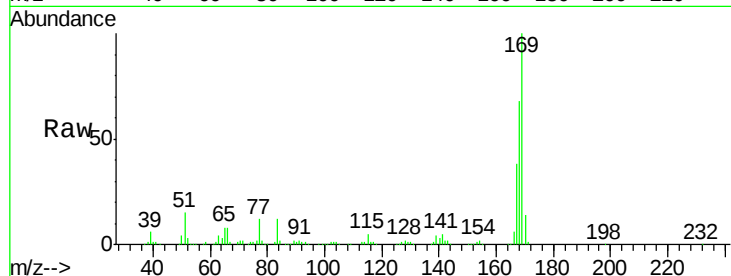
Tot Ion:169 Resp: 479215

Ion Ratio Lower Upper

169 100

168 68.0 54.0 81.0

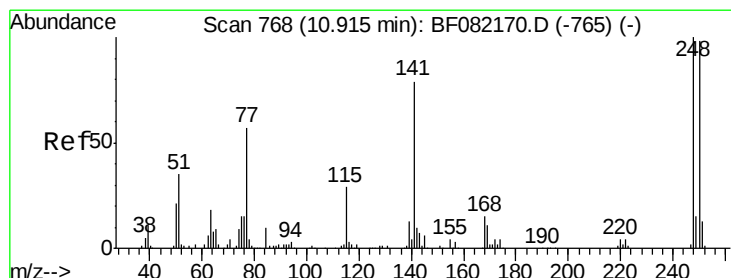
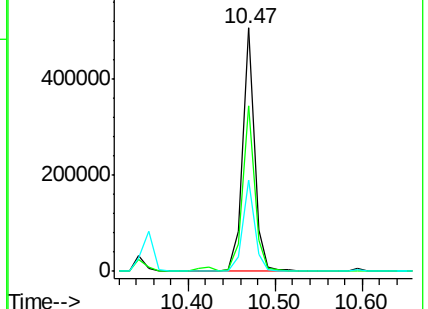
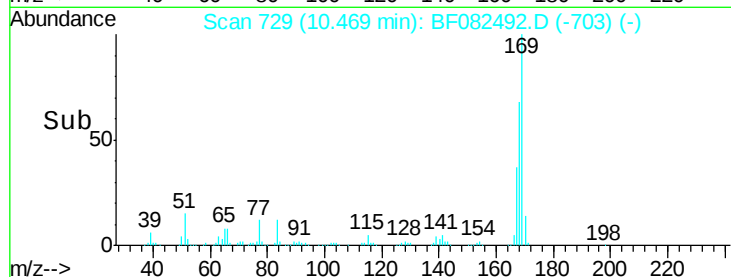
167 37.5 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.94 ng

RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

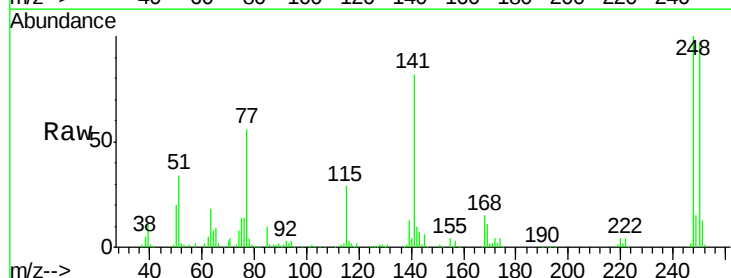
Tgt Ion:248 Resp: 156372

Ion Ratio Lower Upper

248 100

250 97.0 78.6 117.8

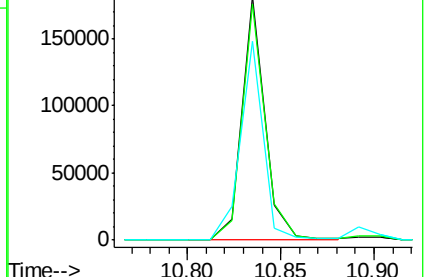
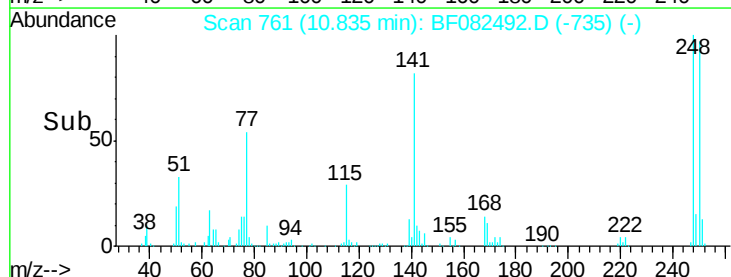
141 81.7 63.3 94.9

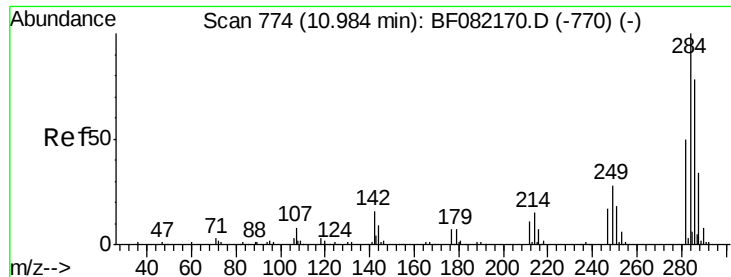


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

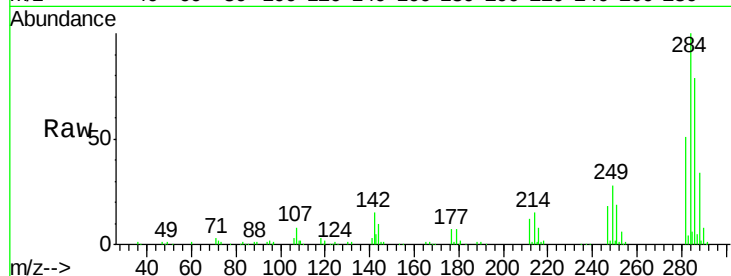




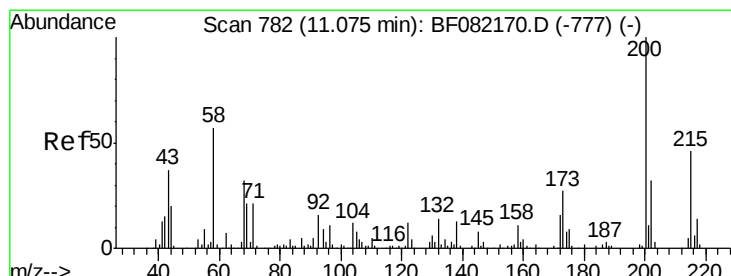
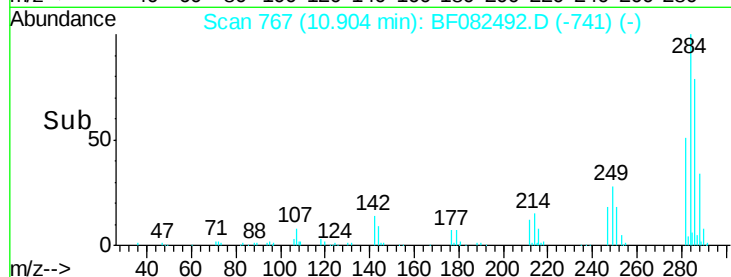
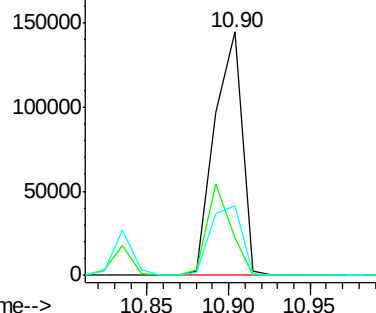
#67
Hexachlorobenzene
Concen: 37.14 ng
RT: 10.90 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	15.5	13.0	19.6
249	28.4	22.5	33.7

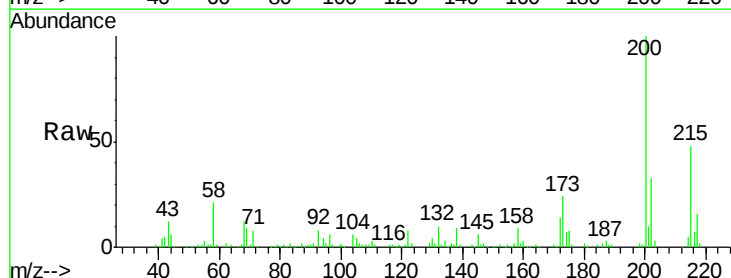


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

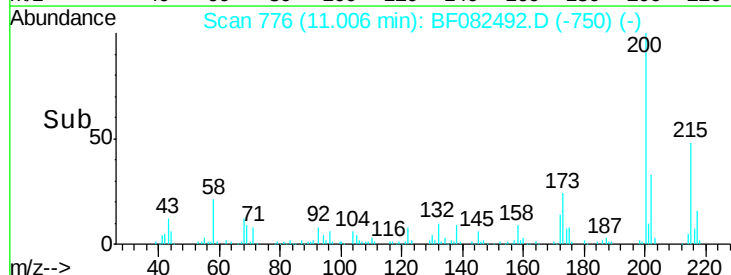
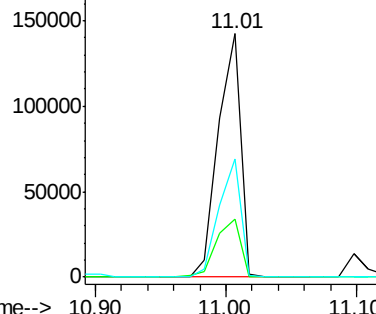


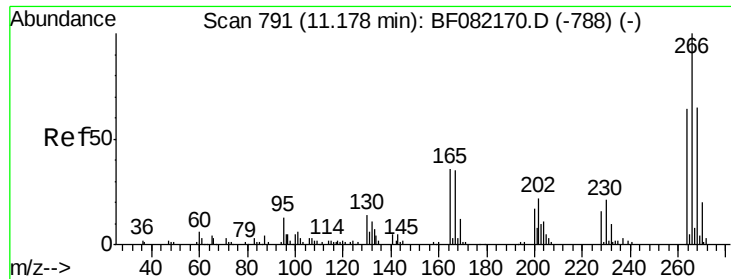
#68
Atrazine
Concen: 42.56 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	7.3	47.3
215	48.3	26.2	66.2



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

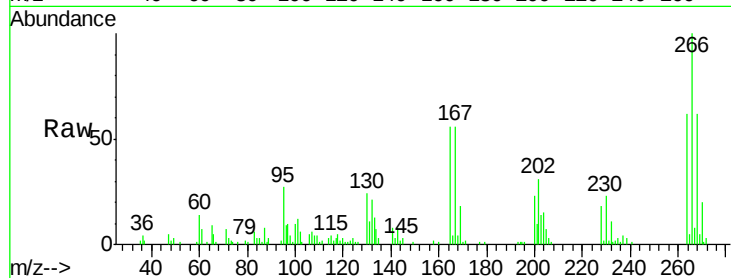




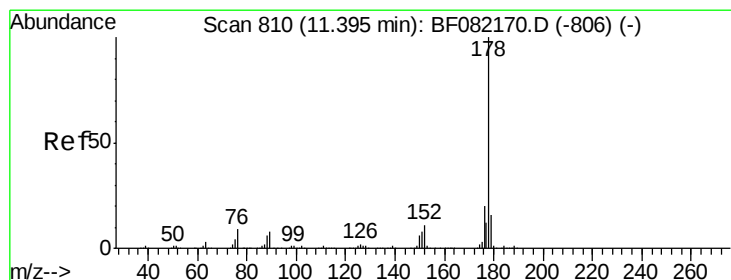
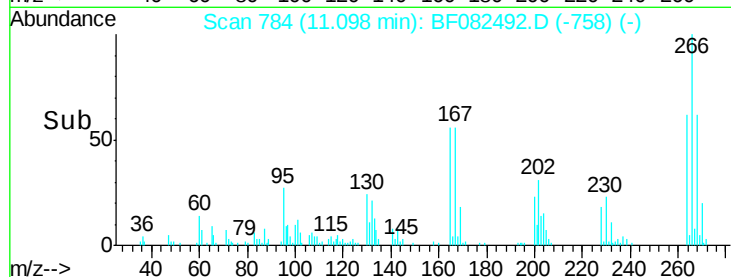
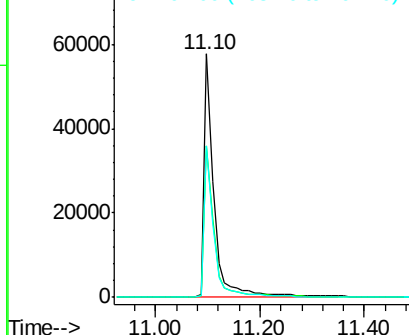
#69
 Pentachlorophenol
 Concen: 33.29 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 78419
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 62.1 51.4 77.0

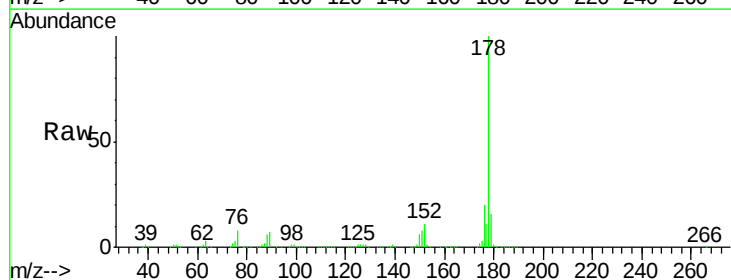


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

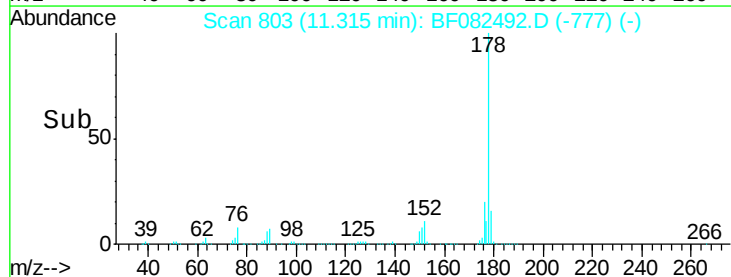
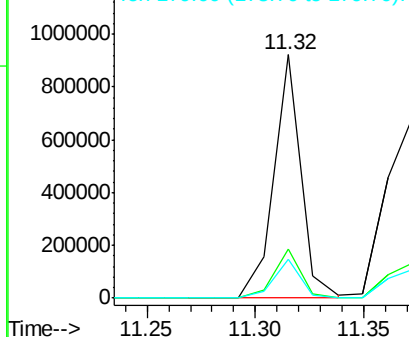


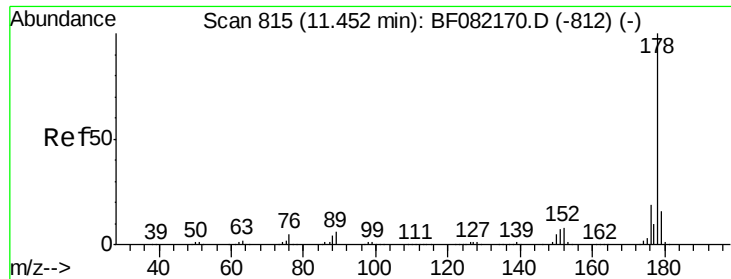
#70
 Phenanthrene
 Concen: 38.88 ng
 RT: 11.32 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:178 Resp: 806135
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 12.6 19.0



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

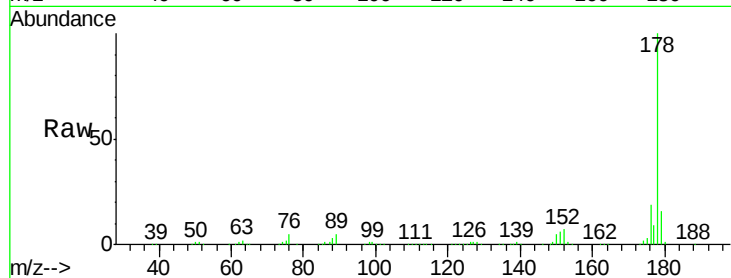




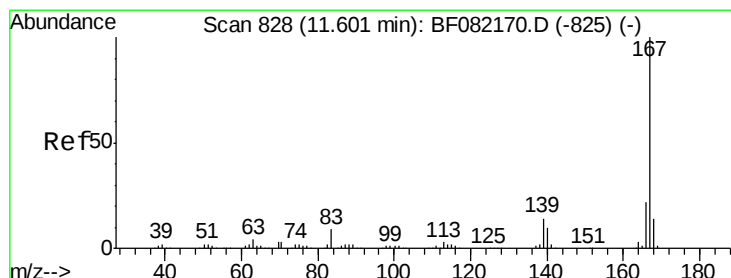
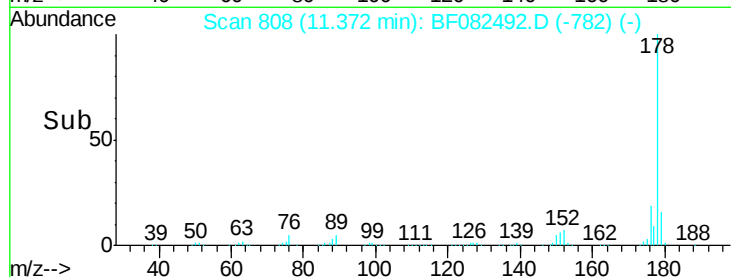
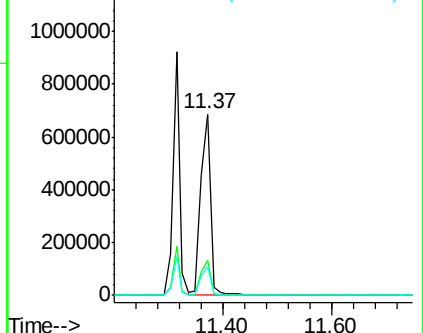
#71
 Anthracene
 Concen: 39.79 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 850011
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.5 12.5 18.7

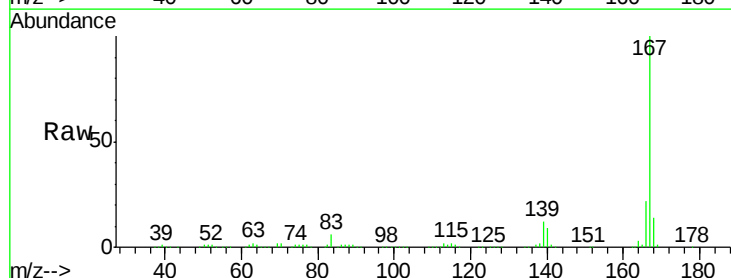


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

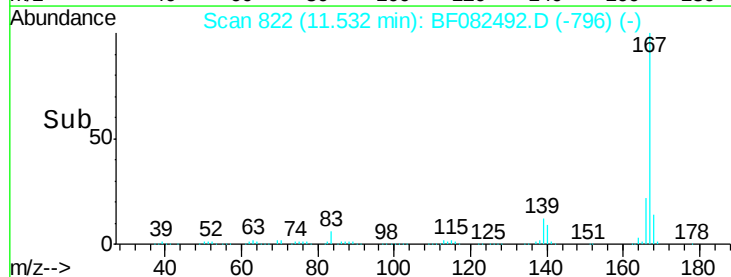
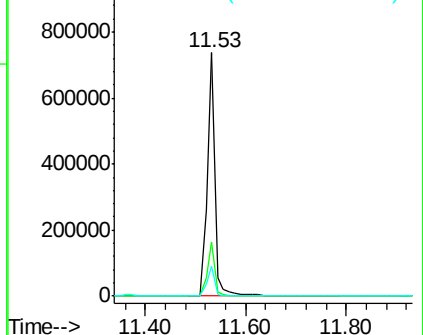


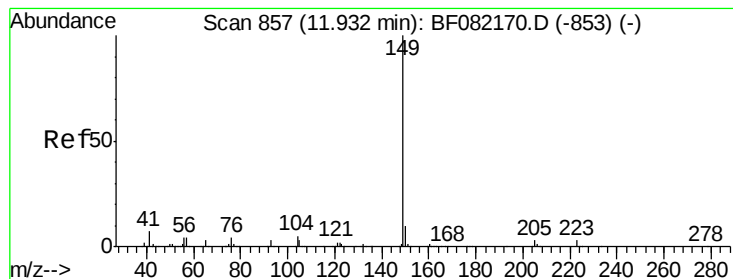
#72
 Carbazole
 Concen: 40.11 ng
 RT: 11.53 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:167 Resp: 781753
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 12.5 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 38.23 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

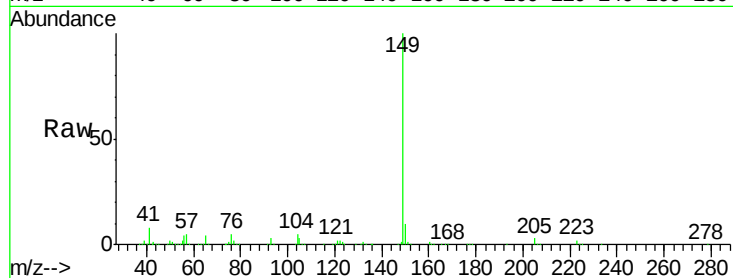
Tot Ion:149 Resp: 919155

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

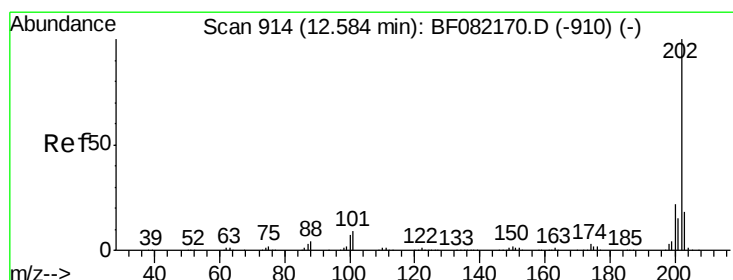
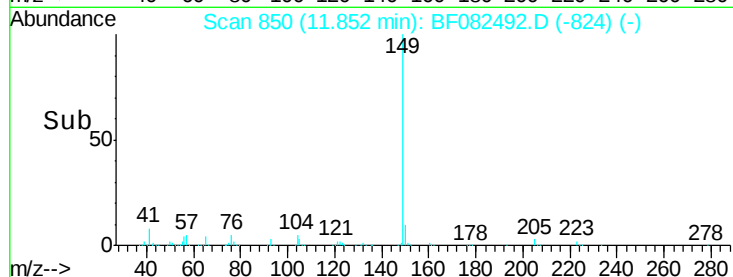
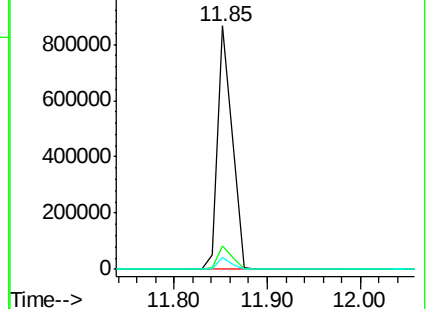
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.54 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

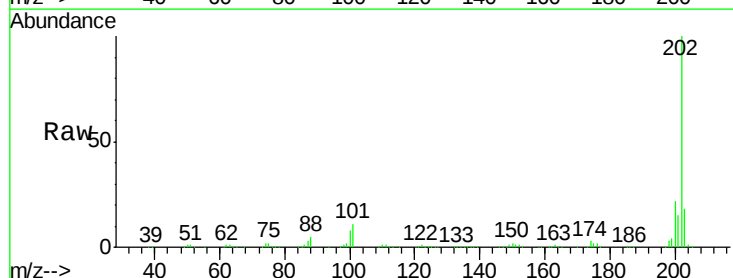
Tgt Ion:202 Resp: 813587

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

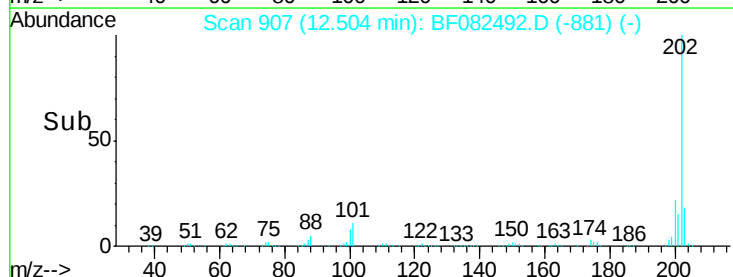
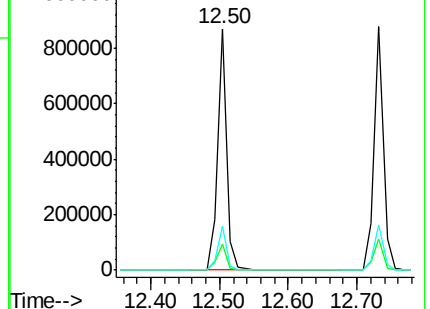
203 18.4 0.0 37.8

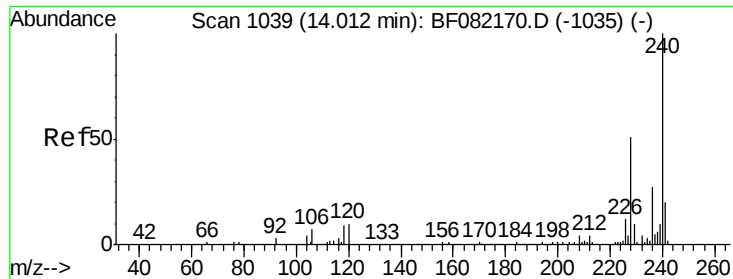


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

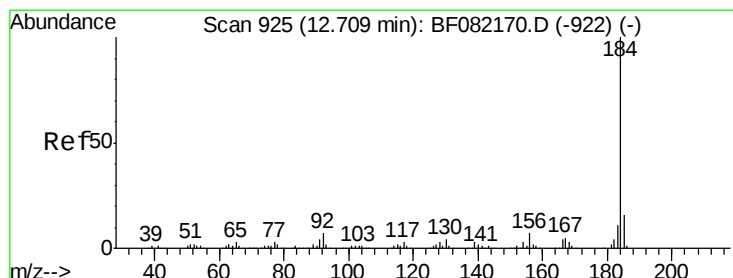
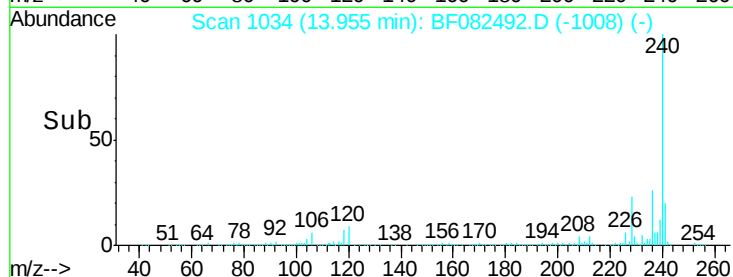
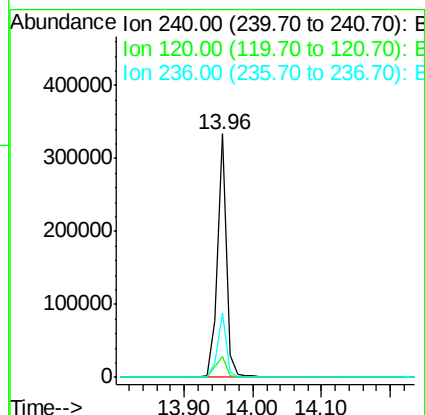
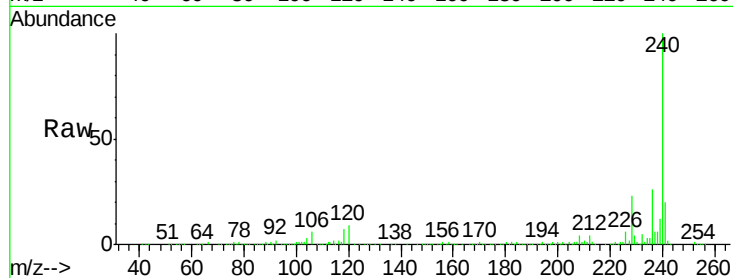




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

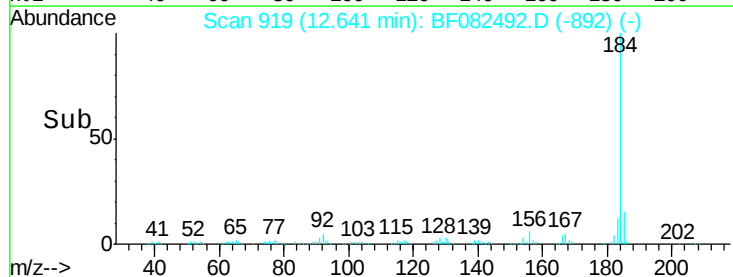
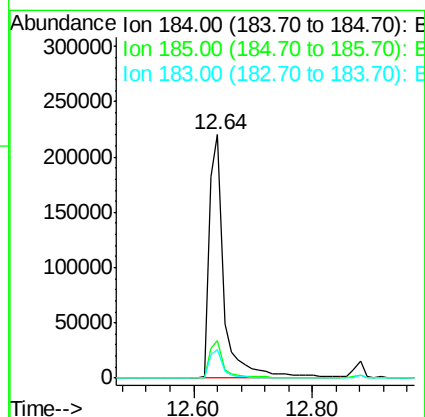
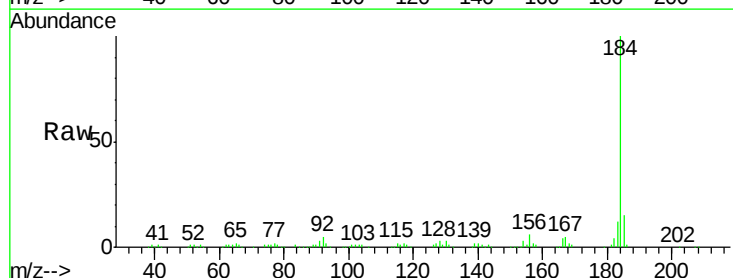
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

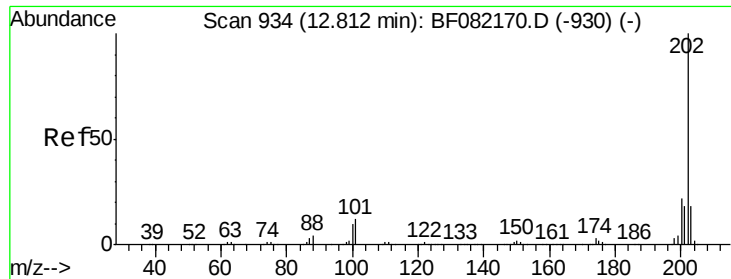
Tot Ion:240 Resp: 314463
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.1 12.1
 236 26.5 21.3 31.9



#76
 Benzidine
 Concen: 41.64 ng
 RT: 12.64 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:184 Resp: 379448
 Ion Ratio Lower Upper
 184 100
 185 15.3 12.5 18.7
 183 11.6 9.1 13.7

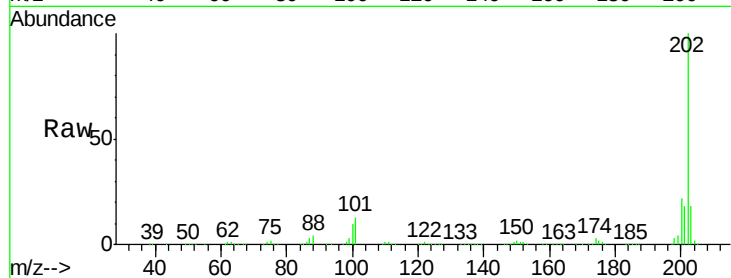




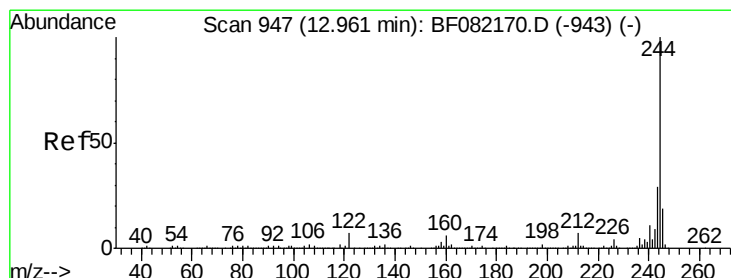
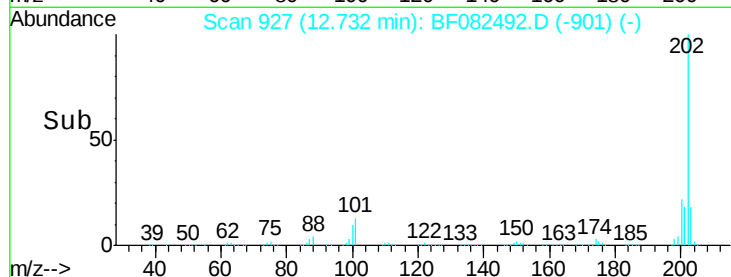
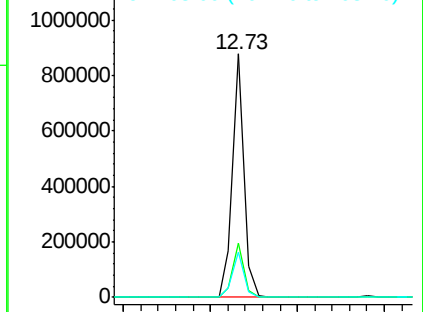
#77
Pvrene
Concen: 43.24 ng
RT: 12.73 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 806933
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 18.4 14.5 21.7

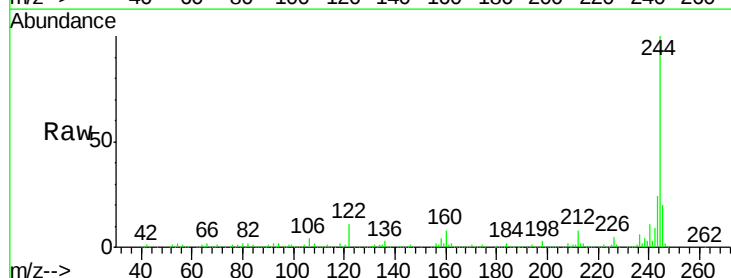


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

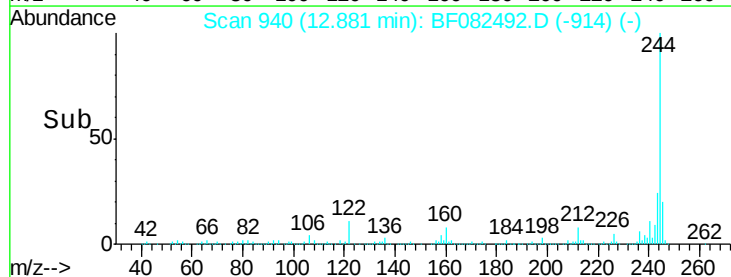
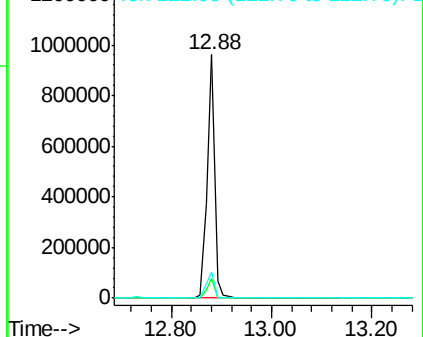


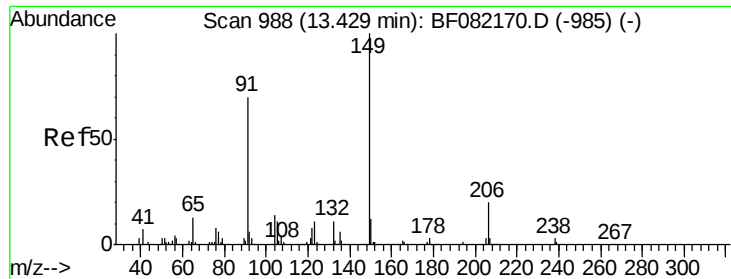
#78
Terphenyl-d14
Concen: 83.57 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:244 Resp: 991687
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 10.8 5.9 8.9#



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

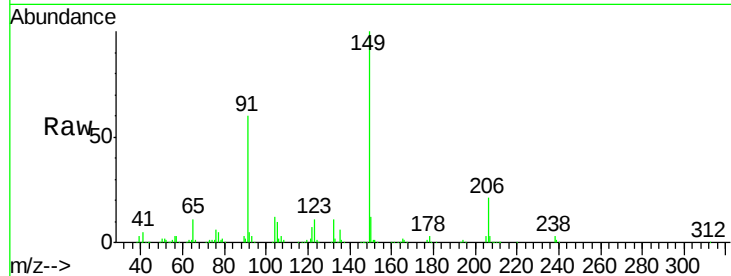




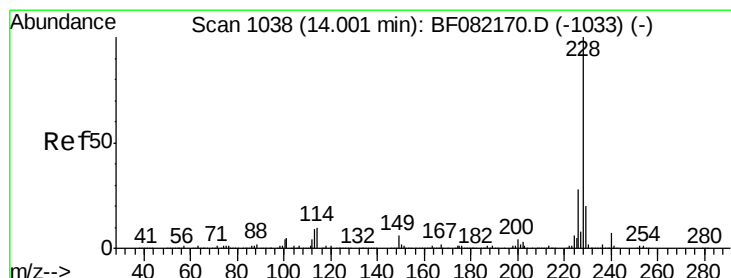
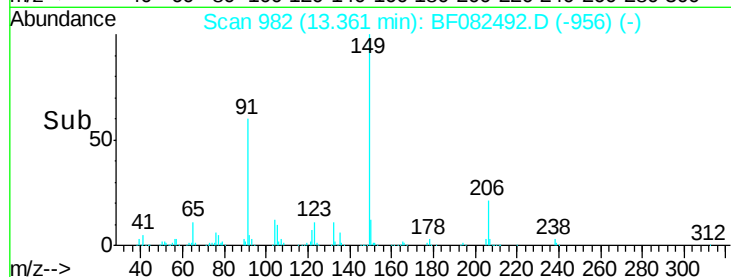
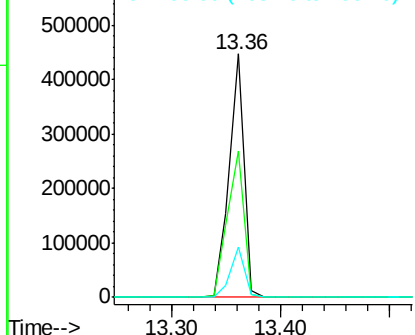
#79
Butylbenzylphthalate
Concen: 49.91 ng
RT: 13.36 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.2	55.7	83.5
206	20.9	15.6	23.4

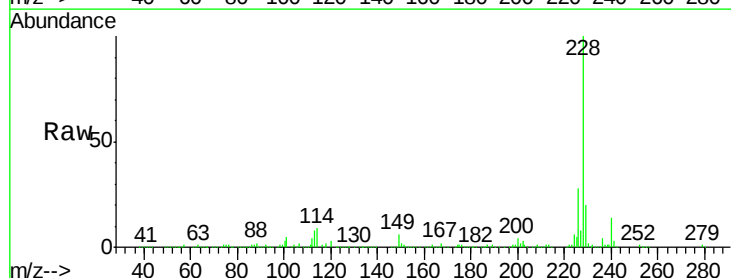


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

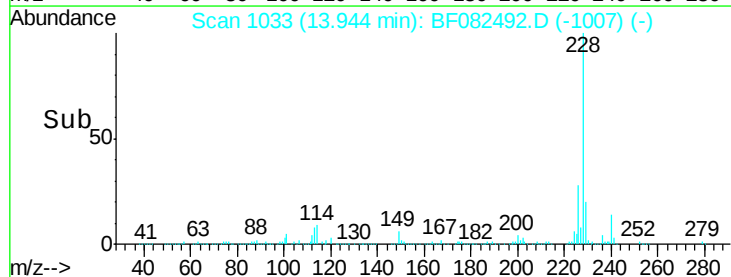
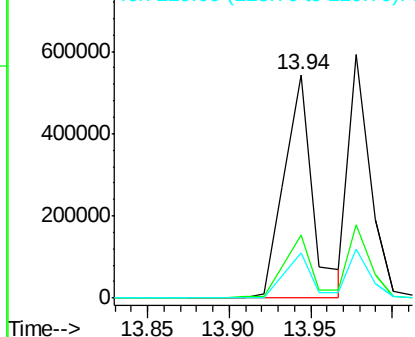


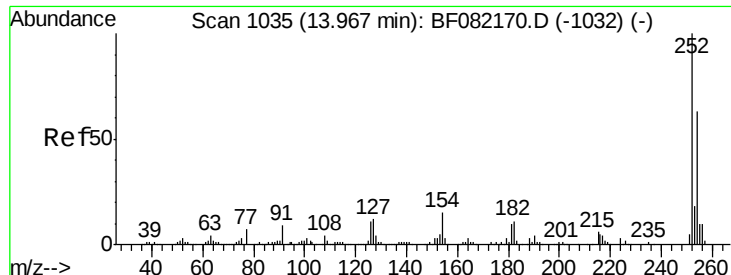
#80
Benzo(a)anthracene
Concen: 40.72 ng
RT: 13.94 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.4	16.2	24.2



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

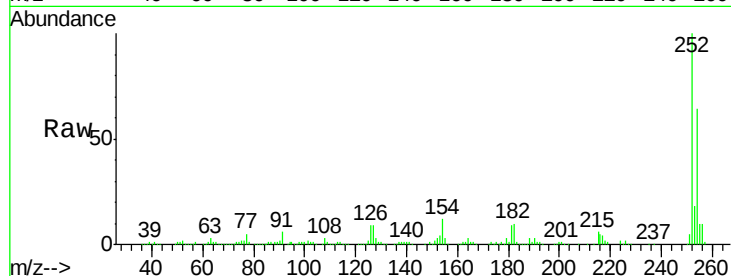




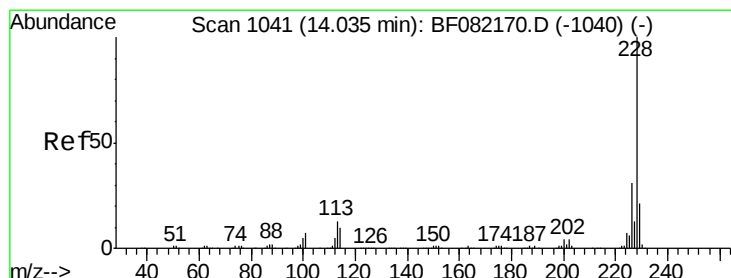
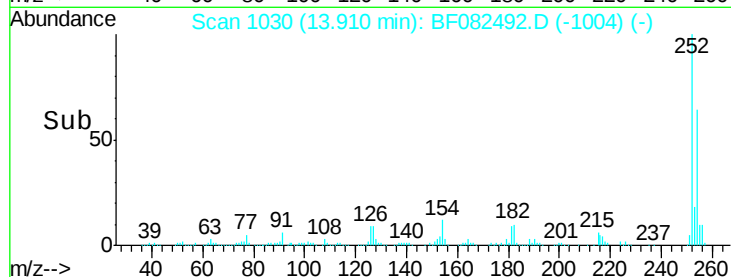
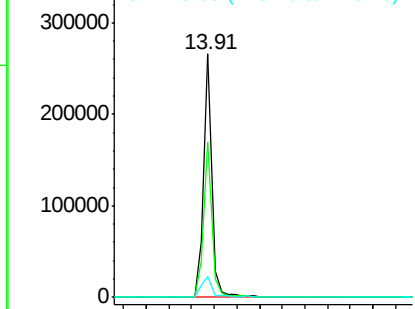
#81
 3,3'-Dichlorobenzidine
 Concen: 42.03 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 261046
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 8.8 9.0 13.6#

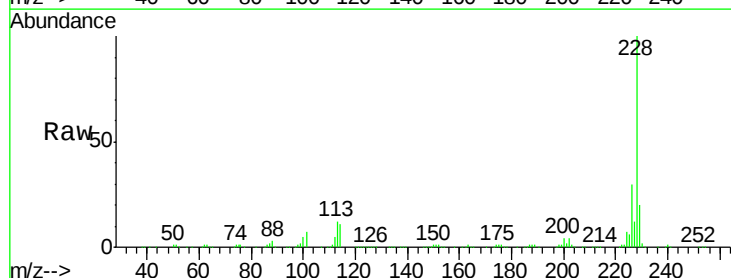


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

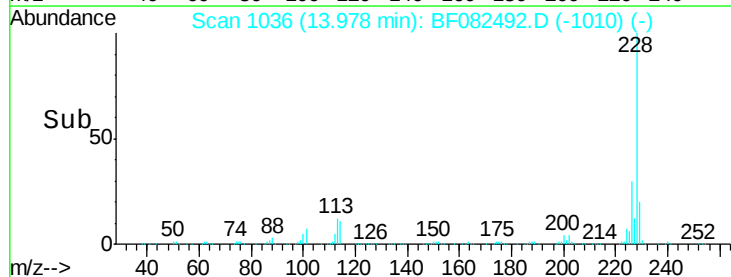
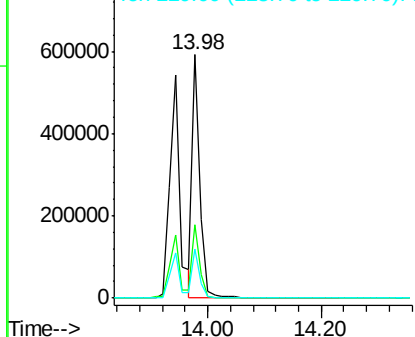


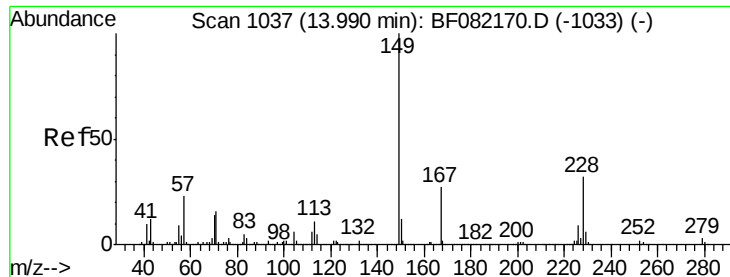
#82
 Chrysene
 Concen: 33.06 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:228 Resp: 569964
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 20.4 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

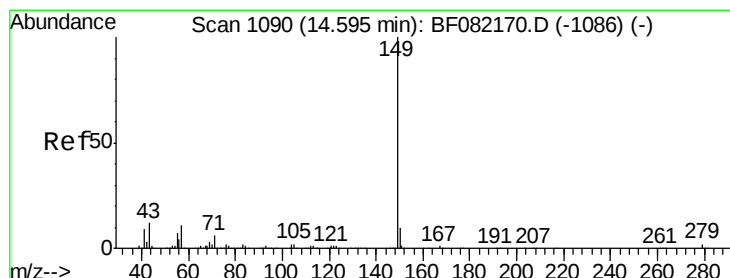
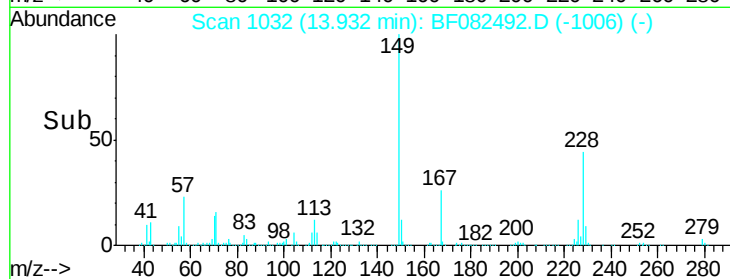
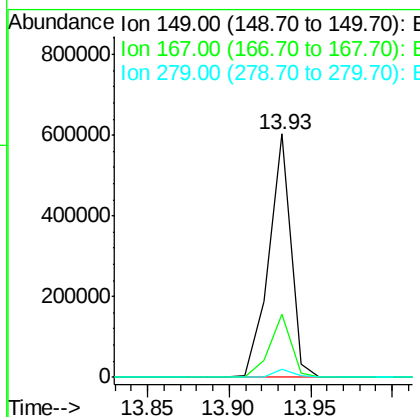
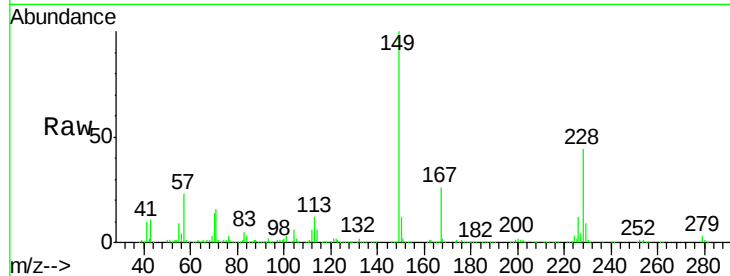




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.80 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

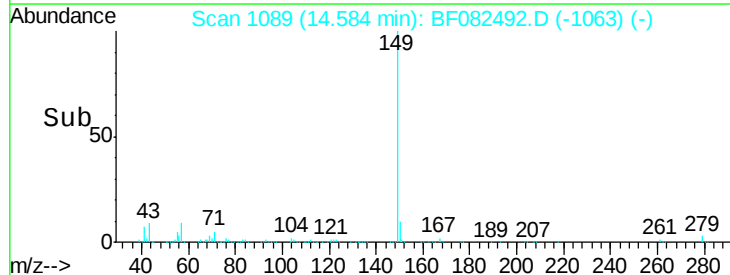
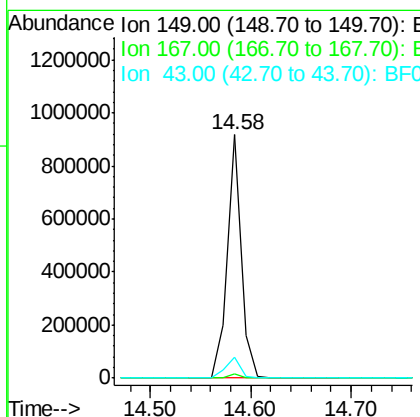
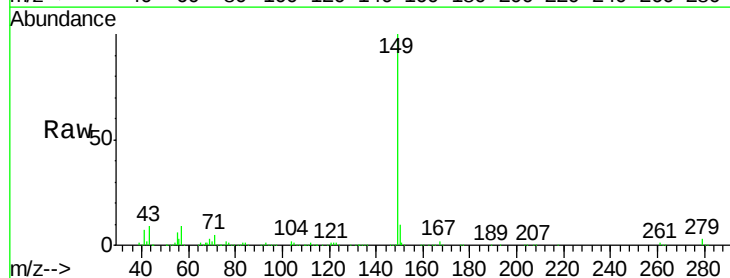
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 568591
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.1 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 42.36 ng
 RT: 14.58 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Tgt Ion:149 Resp: 883884
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.3 7.4 11.2

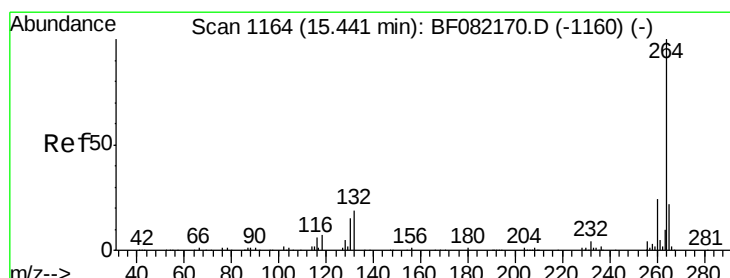
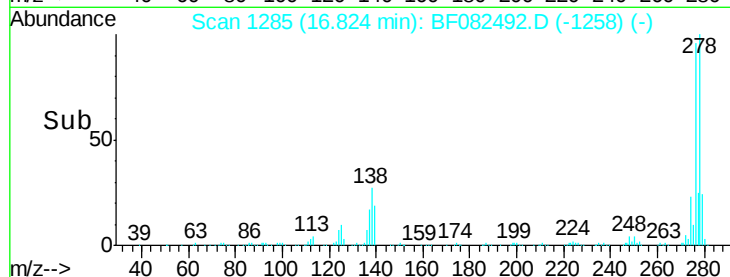
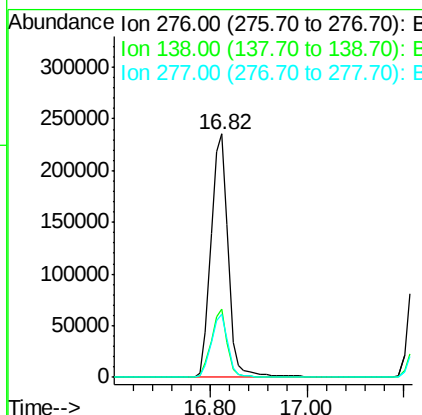
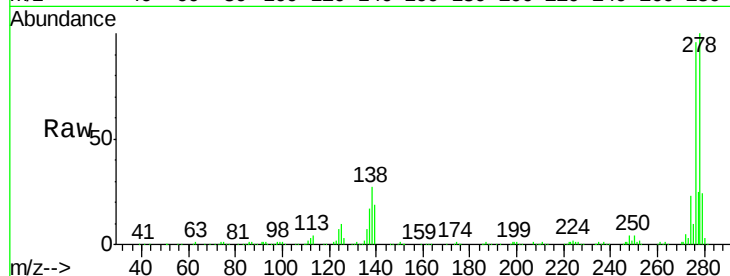




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.58 ng
RT: 16.82 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

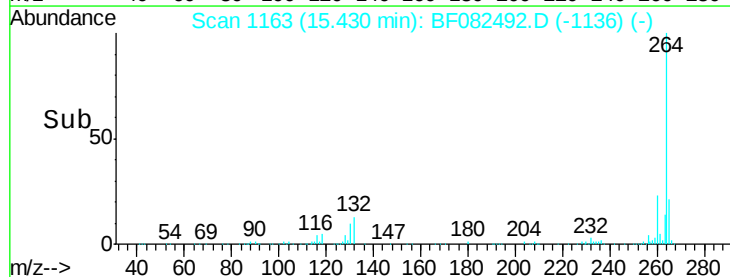
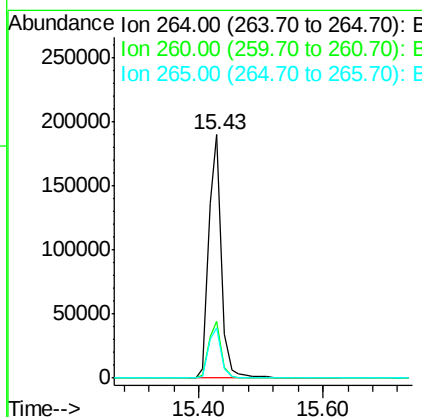
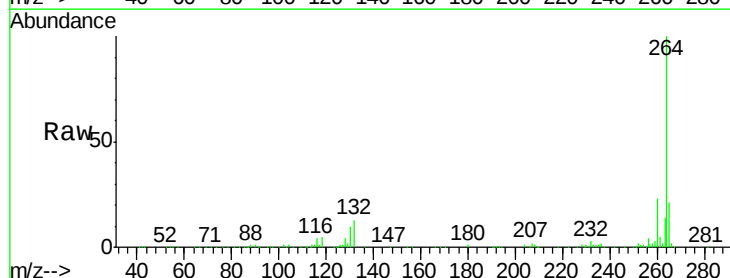
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

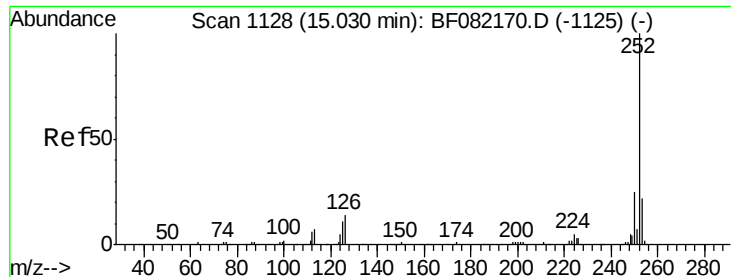
Tot Ion:276 Resp: 597149
Ion Ratio Lower Upper
276 100
138 26.5 19.7 29.5
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF082492.D
Acq: 24 Oct 2015 4:05

Tgt Ion:264 Resp: 265487
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 71.02 ng

RT: 15.05 min Scan# 1130

Delta R.T. 0.03 min

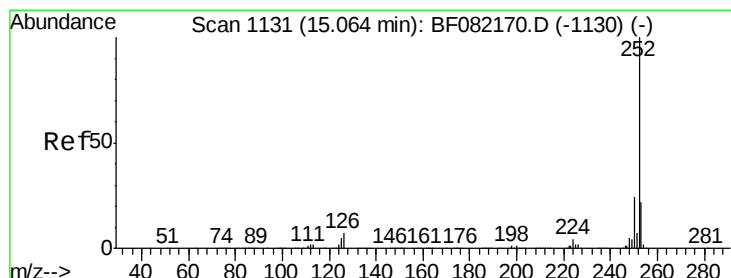
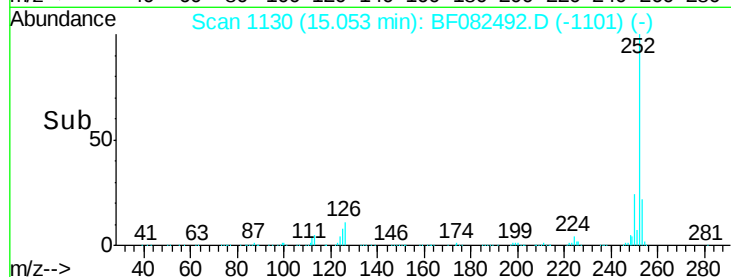
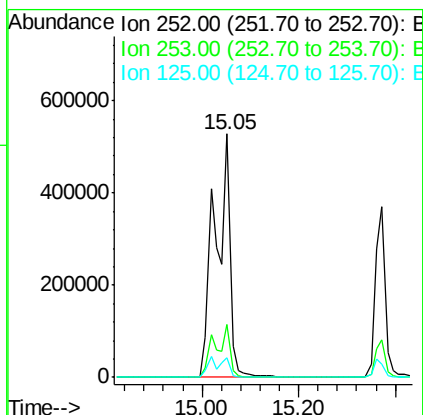
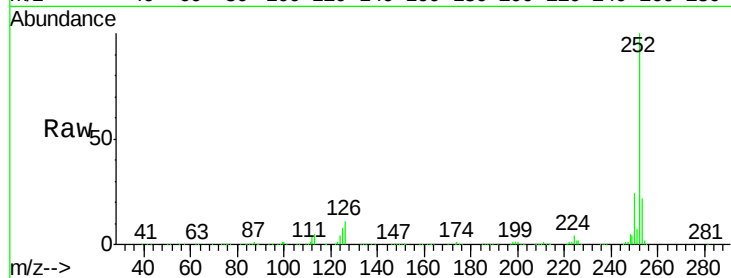
Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1147141

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	7.9	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 84.56 ng

RT: 15.05 min Scan# 1130

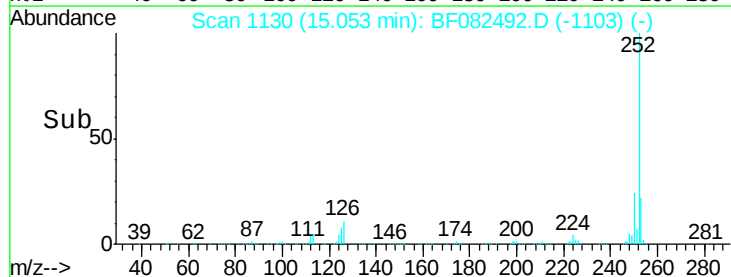
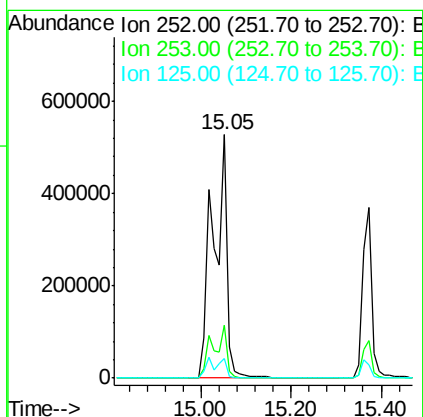
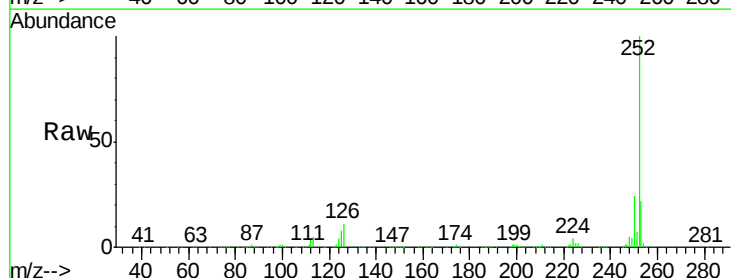
Delta R.T. 0.01 min

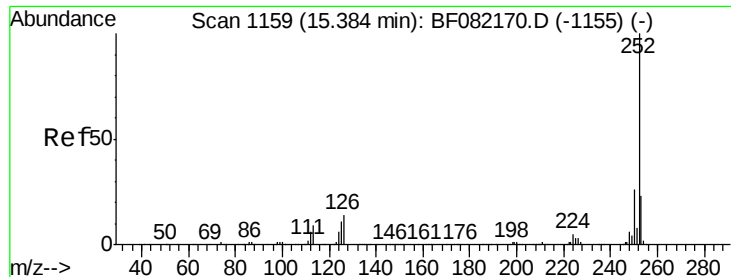
Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Tgt Ion:252 Resp: 1148057

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.9	6.7	10.1





#89

Benzo(a)pyrene

Concen: 38.26 ng

RT: 15.37 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

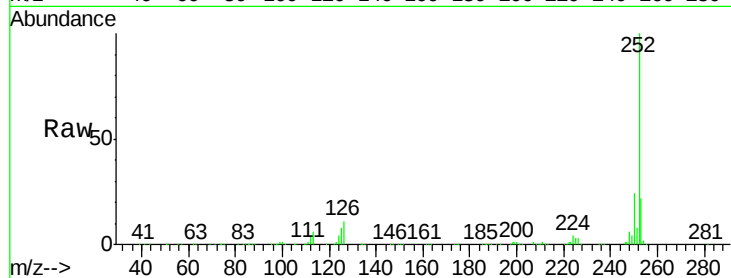
Tot Ion:252 Resp: 531077

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 8.1 8.9 13.3#

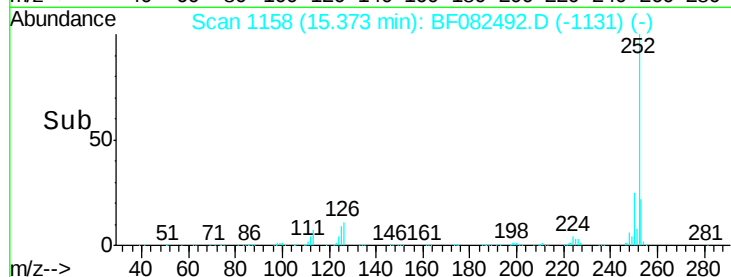


Abundance Ion 252.00 (251.70 to 252.70): E

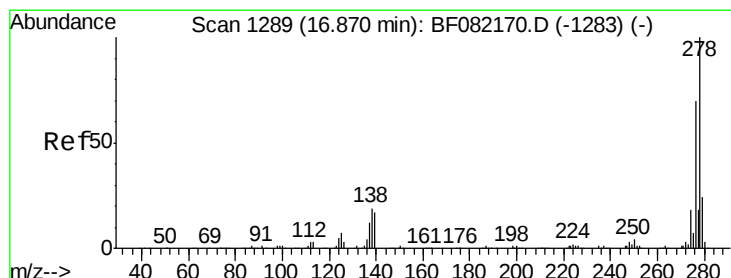
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.37



Time--> 15.20 15.40 15.60



#90

Dibenzo(a,h)anthracene

Concen: 43.84 ng

RT: 16.84 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF082492.D

Acq: 24 Oct 2015 4:05

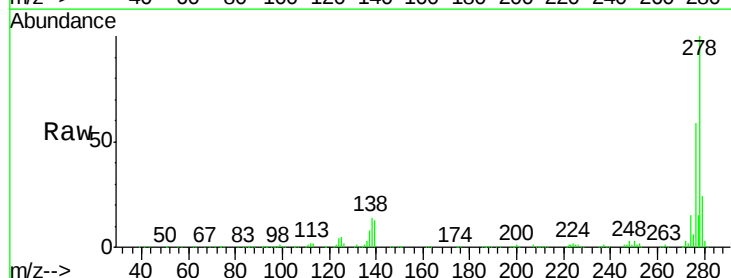
Tgt Ion:278 Resp: 498700

Ion Ratio Lower Upper

278 100

139 12.6 13.3 19.9#

279 23.5 18.9 28.3

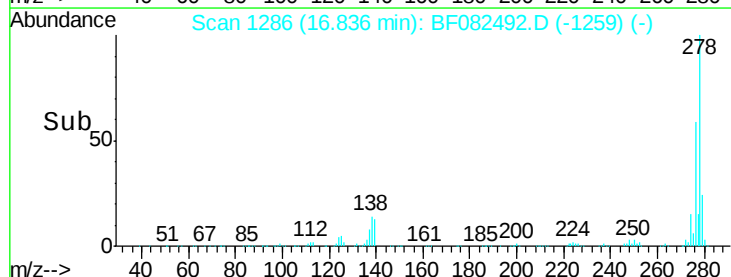


Abundance Ion 278.00 (277.70 to 278.70): E

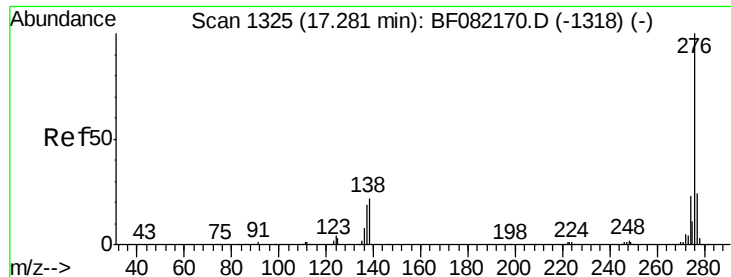
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.84



Time--> 16.80 17.00



#91
 Benzo(a,h,i)perylene
 Concen: 44.45 ng
 RT: 17.24 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF082492.D
 Acq: 24 Oct 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 276 Resp: 491242
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.8 28.2
 138 21.4 17.4 26.2

