

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082400.D
 Acq On : 21 Oct 2015 12:55
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 22 08:38:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	455290	20.00	ng	0.15
21) Naphthalene-d8	8.07	136	643452	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	311561	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	594689	20.00	ng	0.00
75) Chrysene-d12	14.01	240	467936	20.00	ng	0.00
86) Perylene-d12	15.53	264	355198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	648257	28.74	ng	0.00
7) Phenol-d6	6.42	99	805028	27.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	741364	77.37	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	204104	69.85	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1355034	72.13	ng	0.00
78) Terphenyl-d14	12.90	244	1384450	78.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	146129	12.89	ng	98
3) Pyridine	2.99	79	404314	15.34	ng	98
4) n-Nitrosodimethylamine	2.97	42	165173	14.77	ng	96
6) Aniline	6.45	93	546927	14.45	ng	97
8) 2-Chlorophenol	6.56	128	387089	14.06	ng	91
9) Benzaldehyde	6.32	77	225127	15.02	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	363233	12.69	ng	92
12) 1,3-Dichlorobenzene	6.79	146	452299	14.10	ng	98
13) 1,4-Dichlorobenzene	6.95	146	415079	12.39	ng	97
14) 1,2-Dichlorobenzene	6.95	146	415079	13.05	ng	# 91
15) Benzyl Alcohol	6.93	79	282576	13.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	539022	13.52	ng	96
17) 2-Methylphenol	7.04	107	297146	13.64	ng	98
18) Hexachloroethane	7.28	117	156678	13.67	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	99381	4.82	ng	# 79
20) 3+4-Methylphenols	7.20	107	342215	13.19	ng	94
22) Acetophenone	7.20	105	513215	40.32	ng	94
24) Nitrobenzene	7.37	77	422773	40.76	ng	95
25) Isophorone	7.61	82	753435	38.96	ng	96
26) 2-Nitrophenol	7.68	139	198619	38.35	ng	# 80
27) 2,4-Dimethylphenol	7.73	122	321037	38.48	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	443466	39.41	ng	99
29) 2,4-Dichlorophenol	7.93	162	349484	41.90	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	374203	38.92	ng	96
31) Naphthalene	8.09	128	1061790	38.07	ng	100
32) Benzoic acid	7.86	122	123442	22.04	ng	96
33) 4-Chloroaniline	8.15	127	453014	39.11	ng	# 94
34) Hexachlorobutadiene	8.19	225	210068	35.07	ng	97
35) Caprolactam	8.54	113	96115	39.71	ng	# 76
36) 4-Chloro-3-methylphenol	8.64	107	348279	42.70	ng	# 85
37) 2-Methylnaphthalene	8.78	142	723649	37.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	382197	41.24	ng	98
40) Hexachlorocyclopentadiene	8.93	237	131555	33.45	ng	98
42) 2,4,6-Trichlorophenol	9.06	196	253018	41.11	ng	99

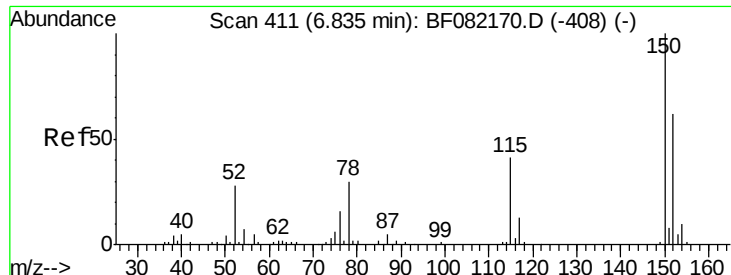
Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082400.D
 Acq On : 21 Oct 2015 12:55
 Operator : UM/IZ
 Sample : SSTDCCC040
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 ALS Vial : 2 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	263164	39.47	nq	99
45) 1,1'-Biphenyl	9.25	154	897055	37.76	nq	97
46) 2-Chloronaphthalene	9.27	162	695996	37.21	nq	94
47) 2-Nitroaniline	9.37	65	199427	38.84	nq	96
48) Acenaphthylene	9.68	152	1030722	35.38	nq	99
49) Dimethylphthalate	9.55	163	802535	36.58	nq	99
50) 2,6-Dinitrotoluene	9.62	165	201033	43.43	nq	98
51) Acenaphthene	9.85	154	633075	36.20	nq	99
52) 3-Nitroaniline	9.79	138	229080	43.81	nq	100
53) 2,4-Dinitrophenol	9.90	184	83488	36.09	nq	95
54) Dibenzofuran	10.02	168	911140	37.94	nq	96
55) 4-Nitrophenol	9.97	139	118541	40.68	nq	89
56) 2,4-Dinitrotoluene	10.02	165	220946	38.19	nq	# 85
57) Fluorene	10.37	166	714774	36.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	198462	36.43	nq	98
59) Diethylphthalate	10.25	149	823333	40.26	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	389403	43.10	nq	# 87
61) 4-Nitroaniline	10.41	138	210213	41.45	nq	97
62) Azobenzene	10.53	77	838944	41.92	nq	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	125406	37.58	nq	75
65) n-Nitrosodiphenylamine	10.49	169	746728	41.94	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	234031	39.32	nq	# 86
67) Hexachlorobenzene	10.91	284	233690	36.31	nq	# 74
68) Atrazine	11.02	200	191747	33.99	nq	99
69) Pentachlorophenol	11.12	266	118031	35.64	nq	98
70) Phenanthrene	11.34	178	1187513	40.74	nq	100
71) Anthracene	11.38	178	1098410	36.57	nq	99
72) Carbazole	11.54	167	973653	35.53	nq	99
73) Di-n-butylphthalate	11.88	149	1352311	40.01	nq	100
74) Fluoranthene	12.53	202	1247345	39.84	nq	97
76) Benzidine	12.65	184	529053	39.01	nq	99
77) Pyrene	12.76	202	1241576	44.71	nq	99
79) Butylbenzylphthalate	13.40	149	582582	45.97	nq	91
80) Benzo(a)anthracene	13.99	228	919865	37.78	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	385649	41.73	nq	# 97
82) Chrysene	14.04	228	922374	35.95	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	738889	40.87	nq	100
84) Di-n-octyl phthalate	14.68	149	1202934	38.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	737337	36.16	nq	98
87) Benzo(b)fluoranthene	15.13	252	890006	41.18	nq	# 95
88) Benzo(k)fluoranthene	15.13	252	890006	49.00	nq	# 98
89) Benzo(a)pyrene	15.48	252	707106	38.07	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	616113	40.48	nq	100
91) Benzo(g,h,i)perylene	17.36	276	602795	40.77	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.15 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

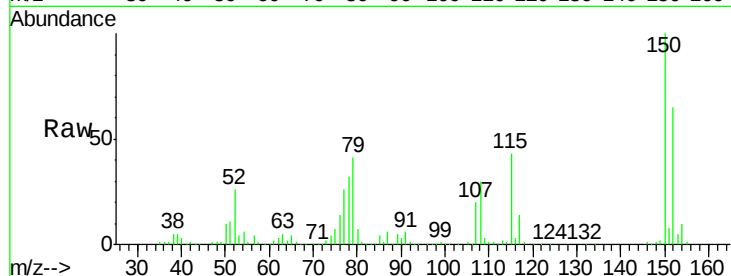
Tot Ion:152 Resp: 455290

Ion Ratio Lower Upper

152 100

150 154.1 129.0 193.4

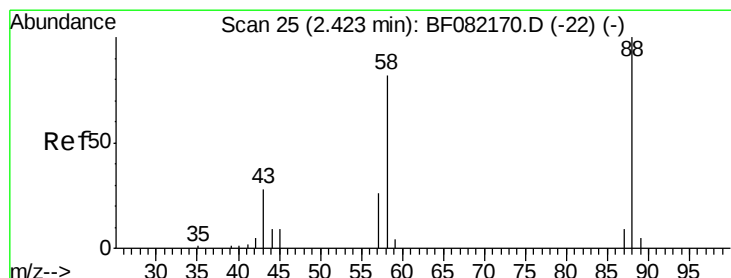
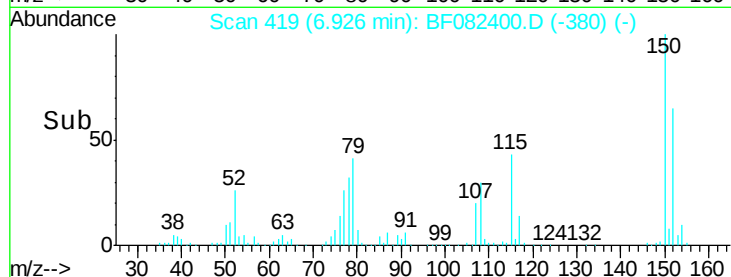
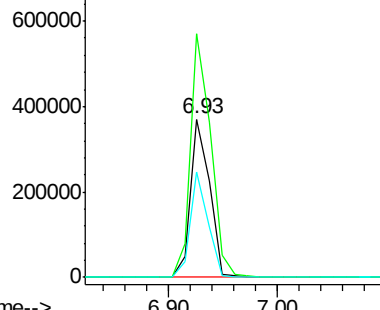
115 66.7 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.89 ng

RT: 2.30 min Scan# 14

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

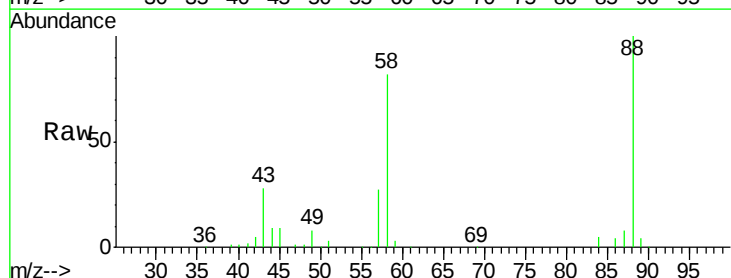
Tgt Ion: 88 Resp: 146129

Ion Ratio Lower Upper

88 100

58 83.5 66.2 99.4

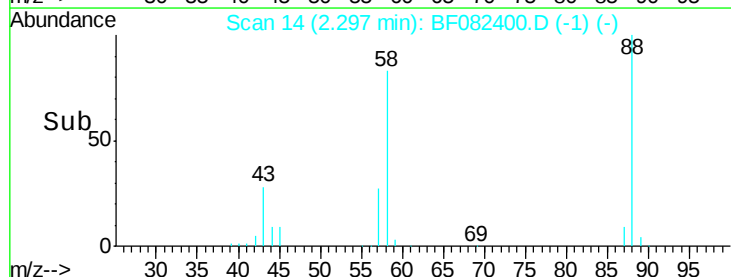
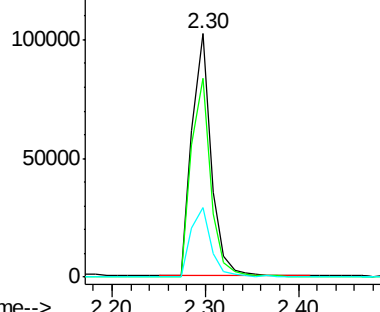
43 31.4 23.0 34.4

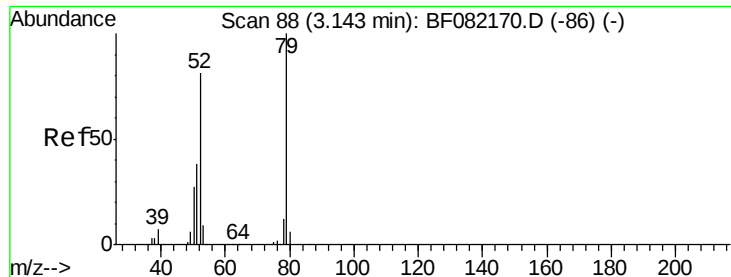


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

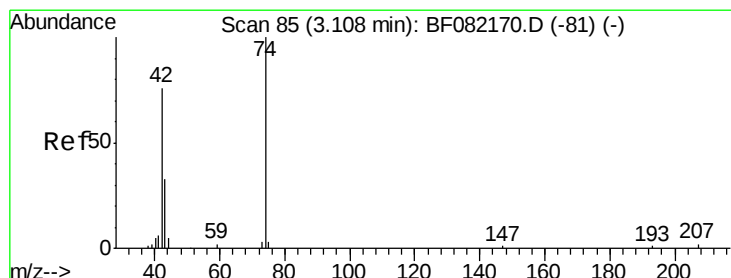
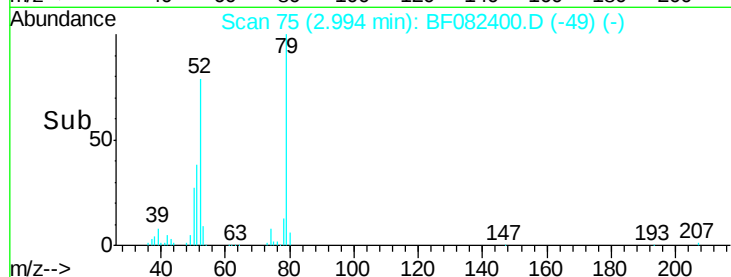
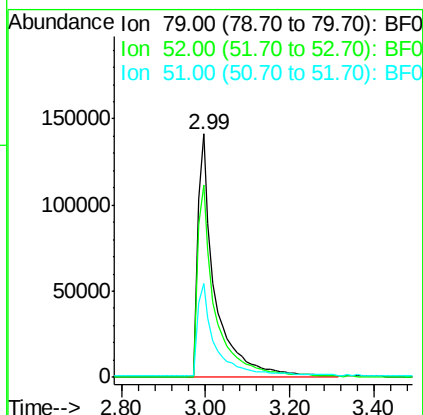
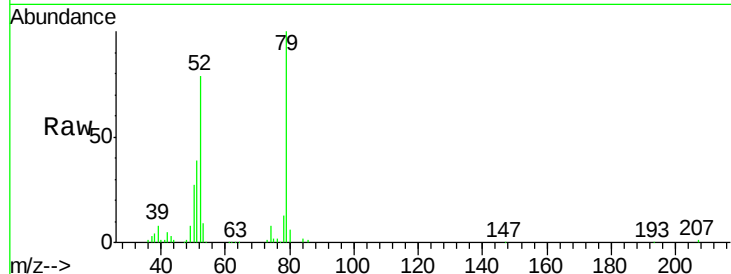




#3
 Pvridine
 Concen: 15.34 ng
 RT: 2.99 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

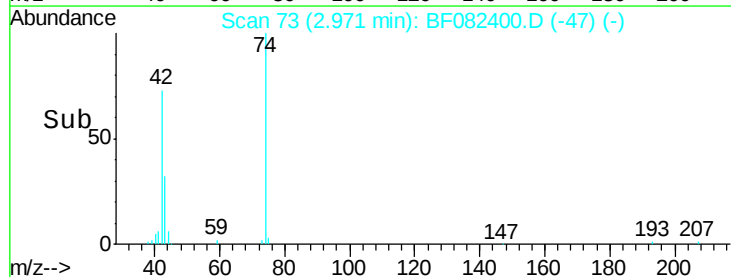
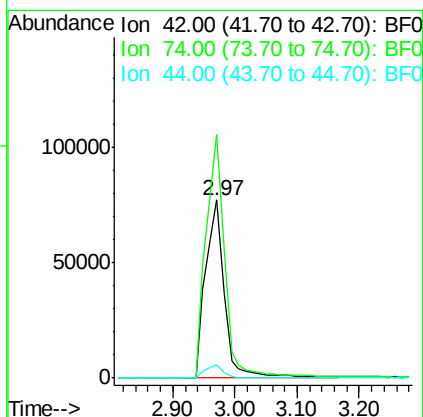
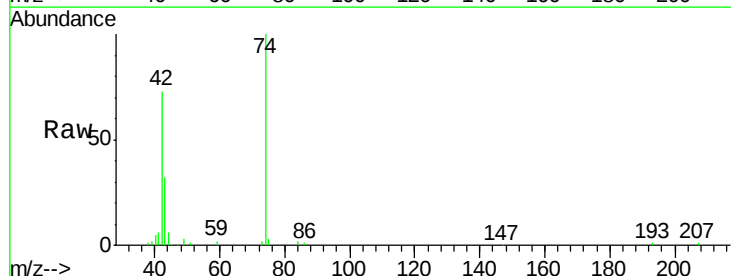
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

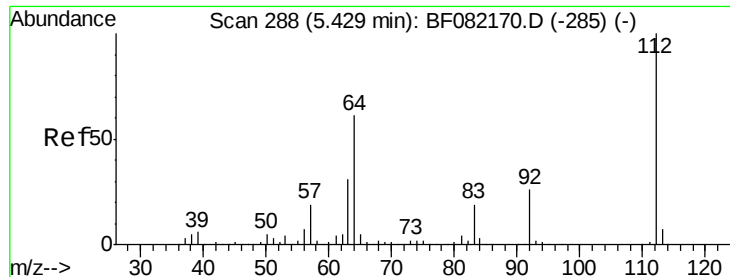
Tot Ion: 79 Resp: 404314
 Ion Ratio Lower Upper
 79 100
 52 78.9 64.4 96.6
 51 38.7 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 14.77 ng
 RT: 2.97 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion: 42 Resp: 165173
 Ion Ratio Lower Upper
 42 100
 74 136.8 105.7 158.5
 44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 28.74 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

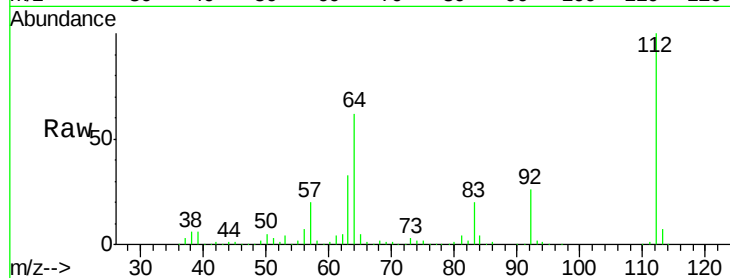
Tot Ion: 112 Resp: 648257

Ion Ratio Lower Upper

112 100

64 62.5 48.6 73.0

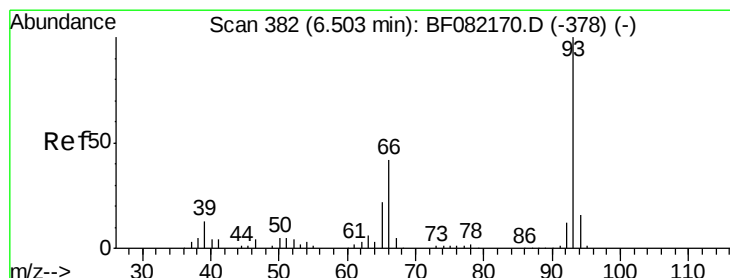
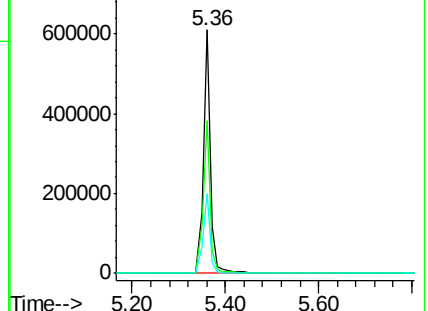
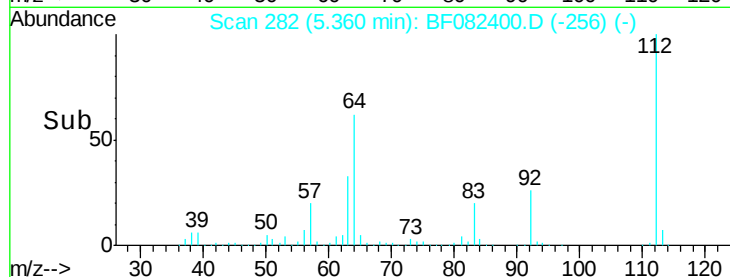
63 33.0 25.1 37.7



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: 14.45 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

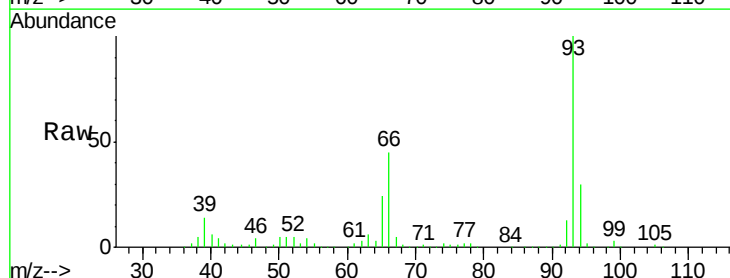
Tgt Ion: 93 Resp: 546927

Ion Ratio Lower Upper

93 100

66 44.7 34.2 51.2

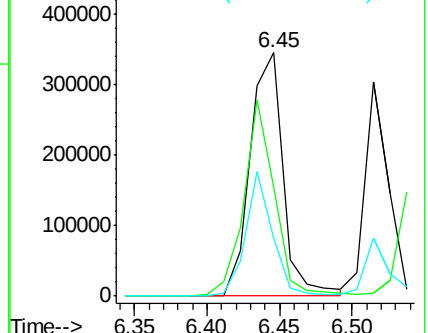
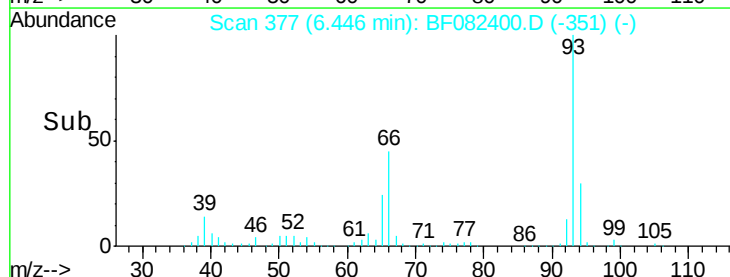
65 23.9 17.9 26.9

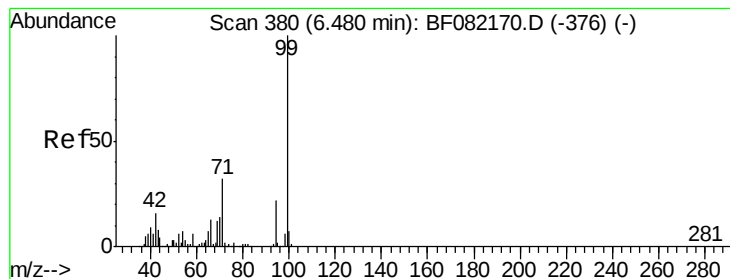


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.42 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

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SSTDCCC040

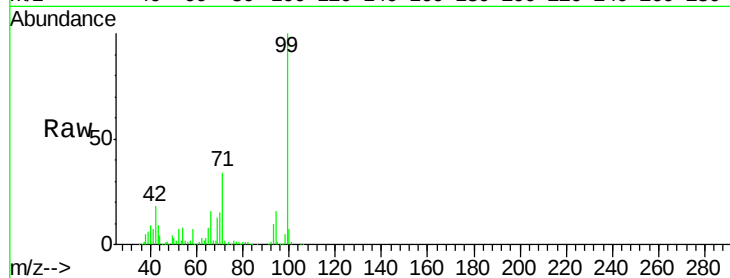
Tot Ion: 99 Resp: 805028

Ion Ratio Lower Upper

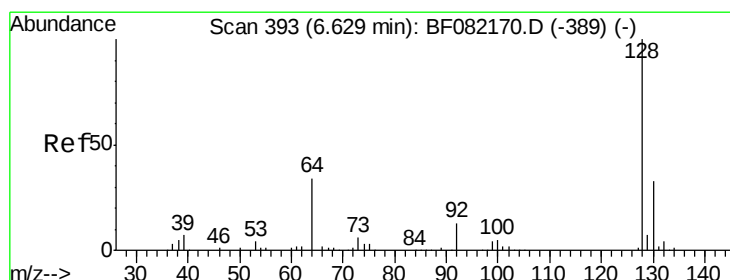
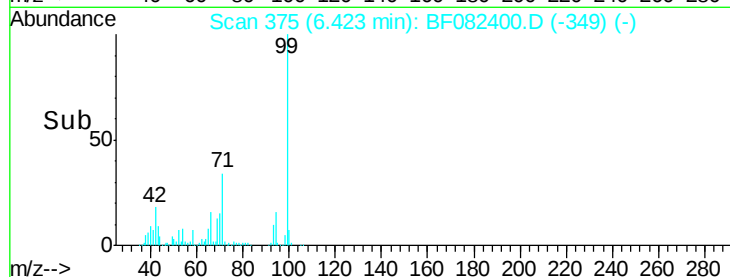
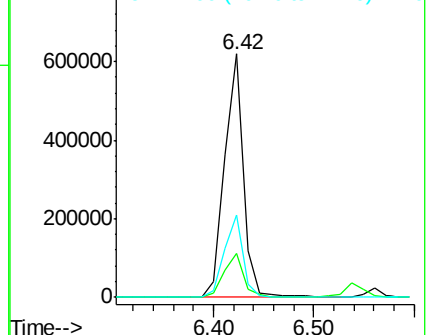
99 100

42 17.9 13.2 19.8

71 34.0 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: 14.06 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

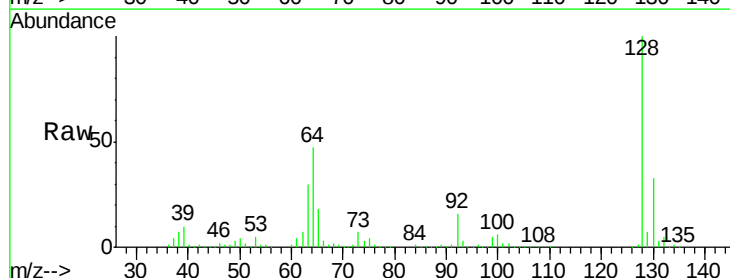
Tgt Ion: 128 Resp: 387089

Ion Ratio Lower Upper

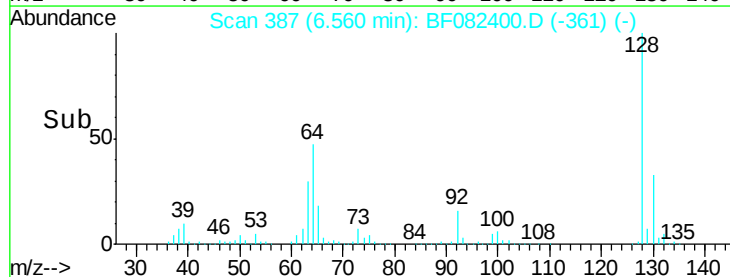
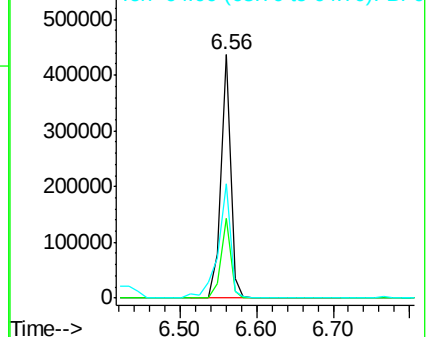
128 100

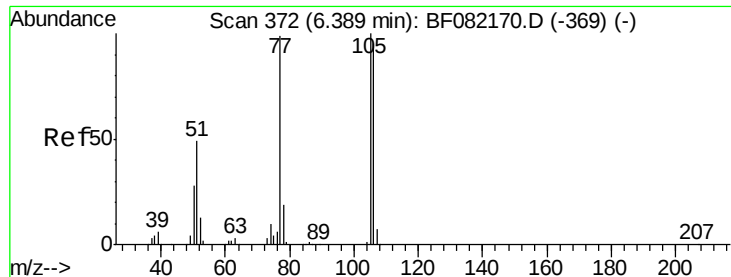
130 32.7 12.6 52.6

64 47.0 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: 15.02 ng

RT: 6.32 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

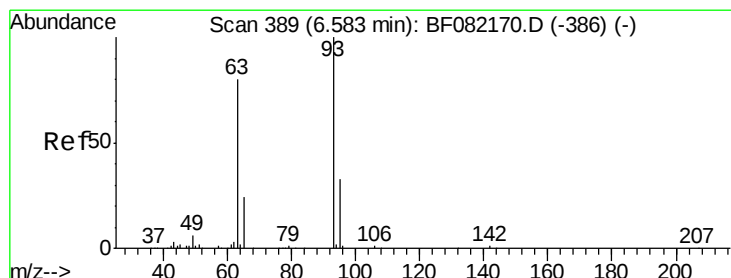
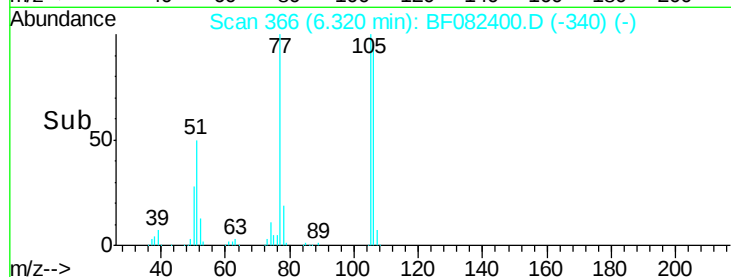
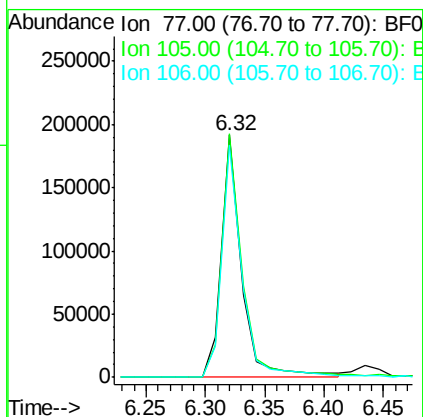
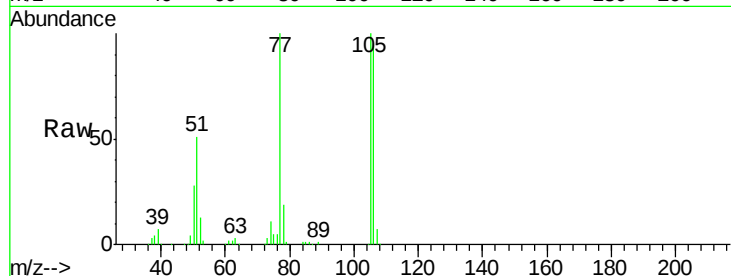
Tot Ion: 77 Resp: 225127

Ion Ratio Lower Upper

77 100

105 100.5 80.6 120.6

106 95.7 75.5 115.5



#11

bis(2-Chloroethyl)ether

Concen: 12.69 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

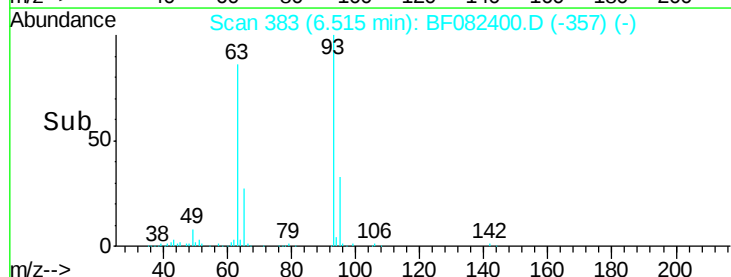
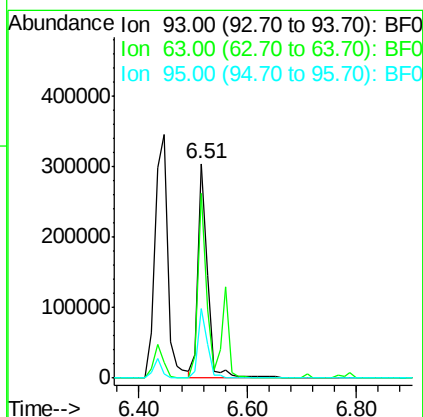
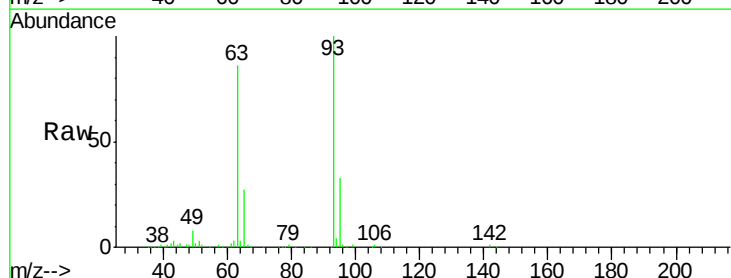
Tgt Ion: 93 Resp: 363233

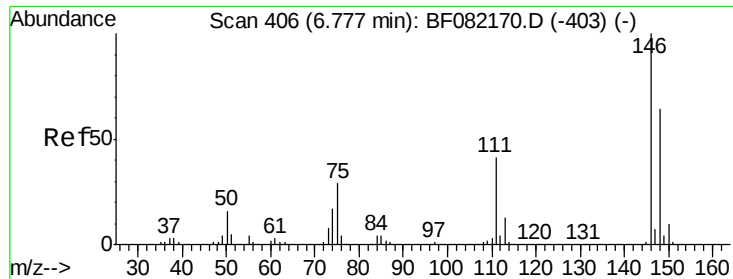
Ion Ratio Lower Upper

93 100

63 86.3 57.1 97.1

95 32.7 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 14.10 ng

RT: 6.79 min Scan# 407

Delta R.T. 0.08 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

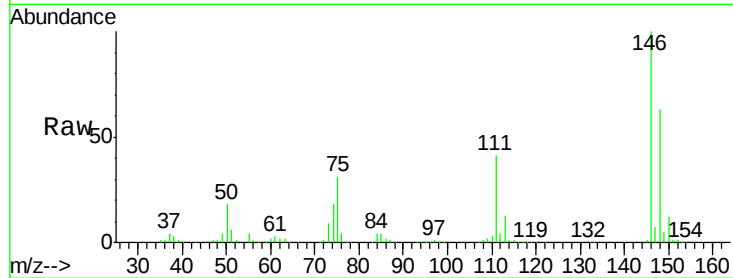
Tot Ion:146 Resp: 452299

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

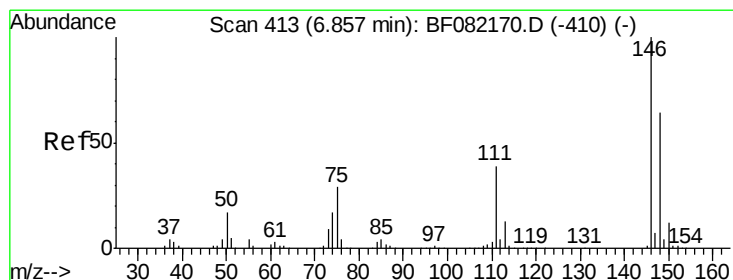
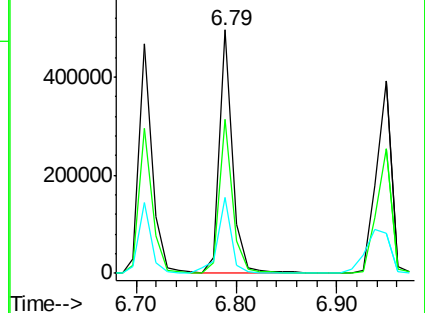
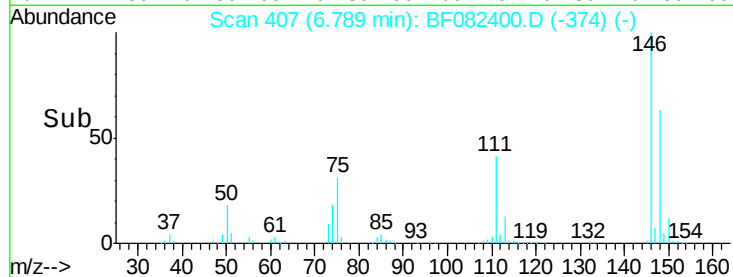
75 31.1 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.39 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.16 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

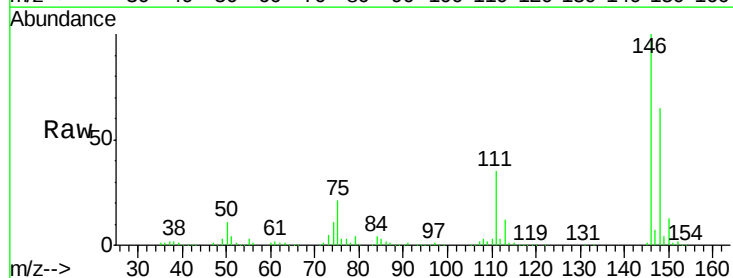
Tgt Ion:146 Resp: 415079

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

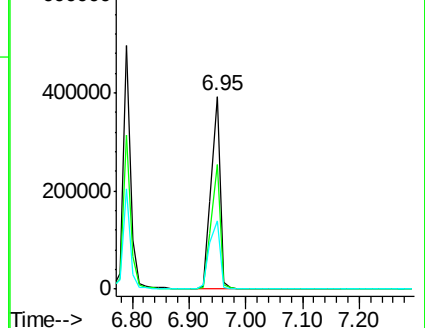
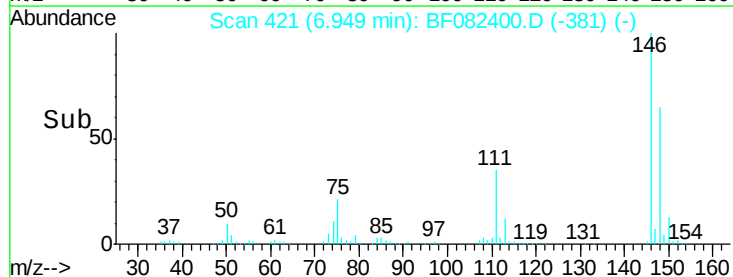
111 35.4 31.1 46.7

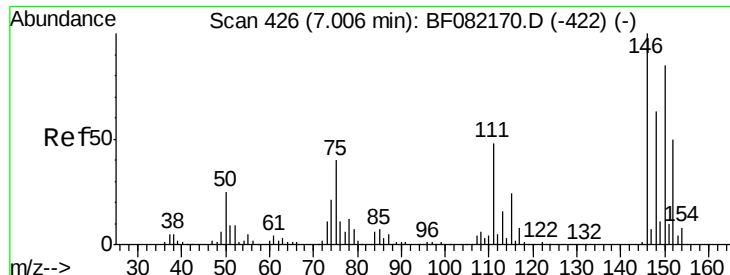


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 13.05 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

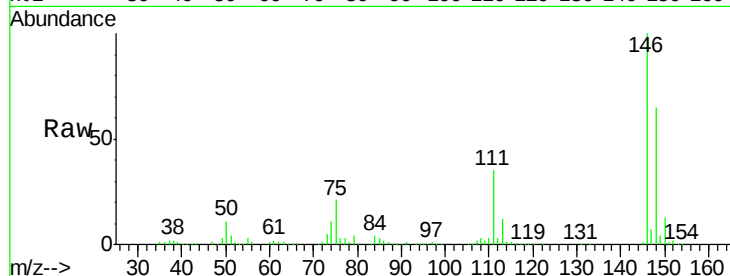
Tot Ion:146 Resp: 415079

Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

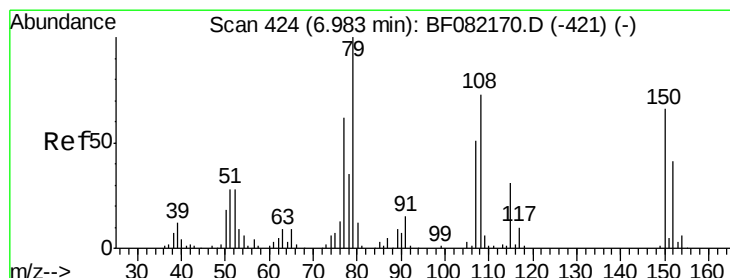
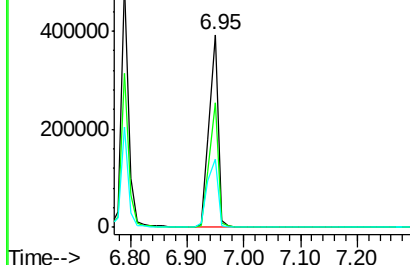
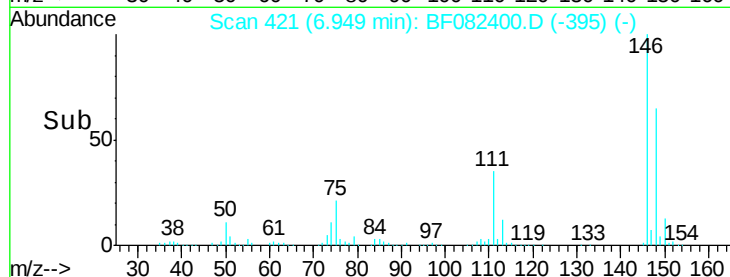
111 35.4 38.5 57.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.94 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

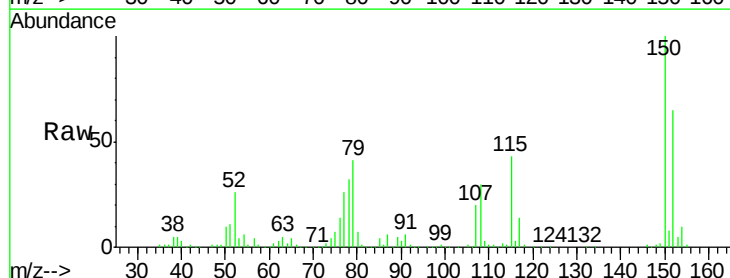
Tgt Ion: 79 Resp: 282576

Ion Ratio Lower Upper

79 100

108 72.6 58.4 87.6

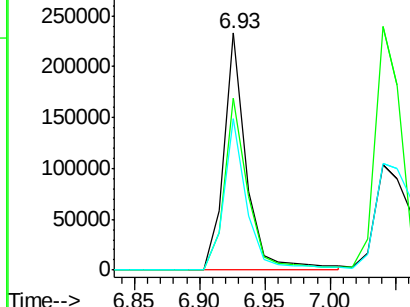
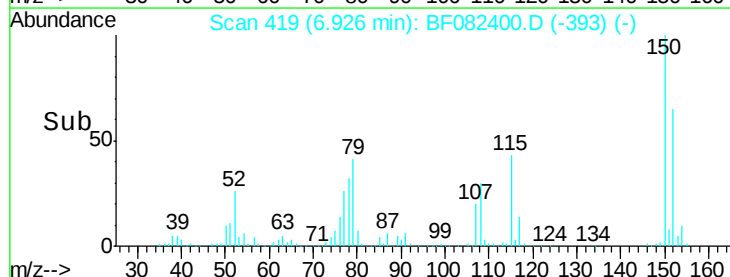
77 64.1 49.8 74.6

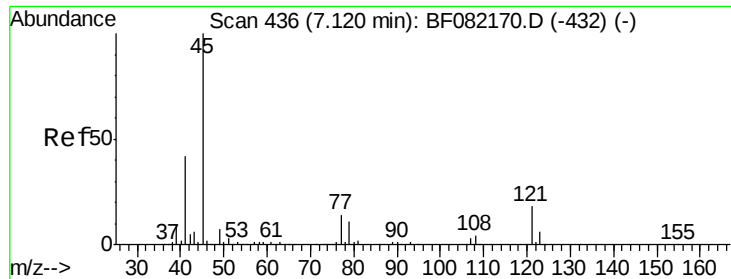


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

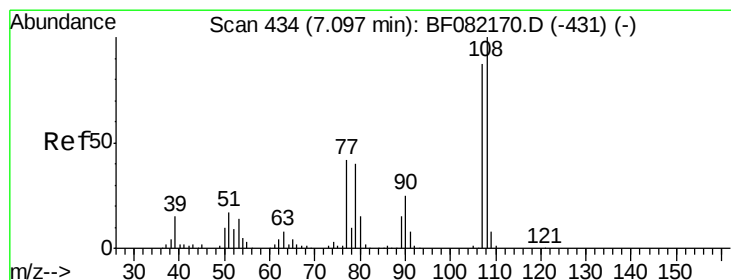
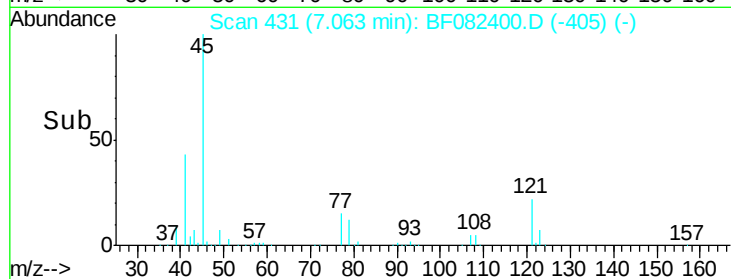
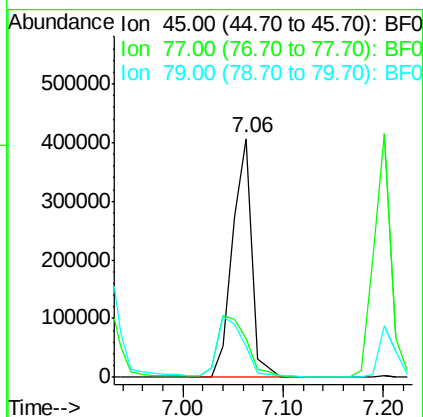
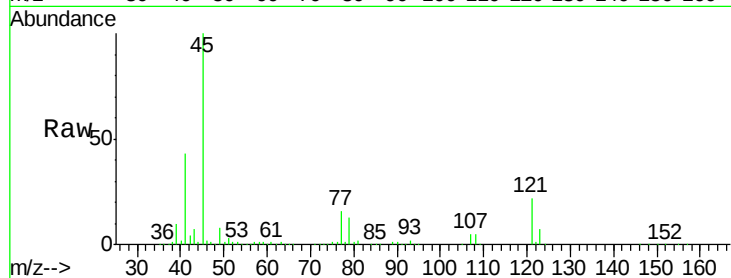




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.52 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

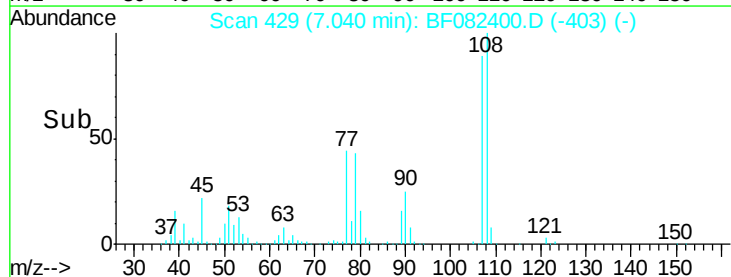
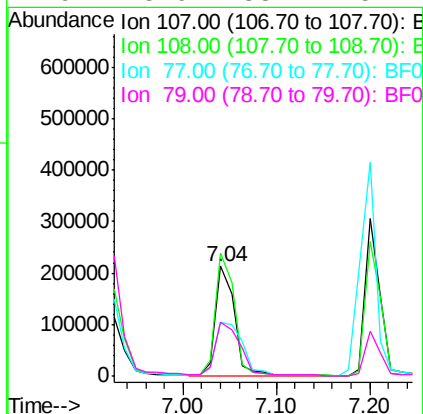
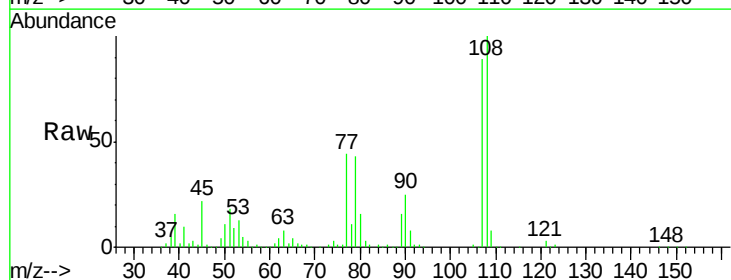
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

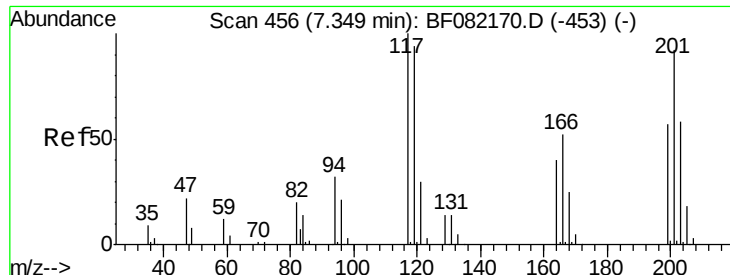
Tot Ion: 45 Resp: 539022
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.5
79 13.2 0.0 31.6



#17
2-Methylphenol
Concen: 13.64 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion: 107 Resp: 297146
Ion Ratio Lower Upper
107 100
108 112.6 92.2 138.2
77 49.6 39.6 59.4
79 48.9 38.2 57.4

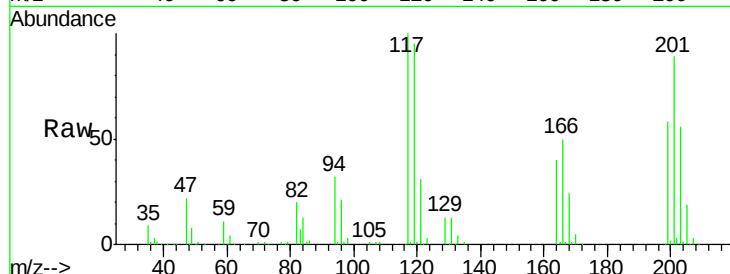




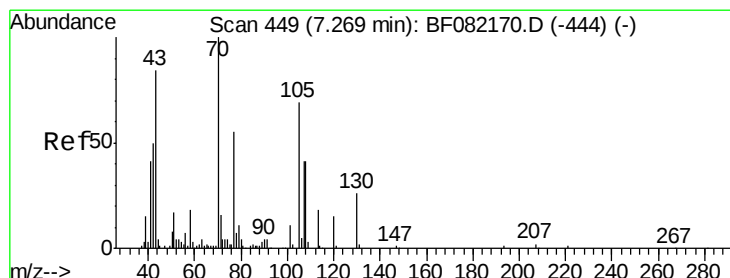
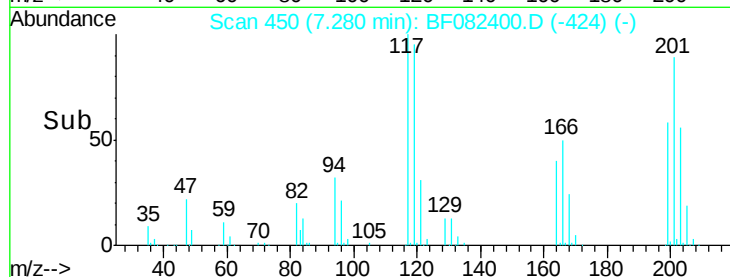
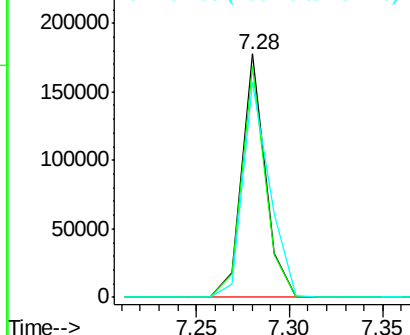
#18
Hexachloroethane
Concen: 13.67 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:117 Resp: 156678
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.2
201 88.5 73.4 110.0

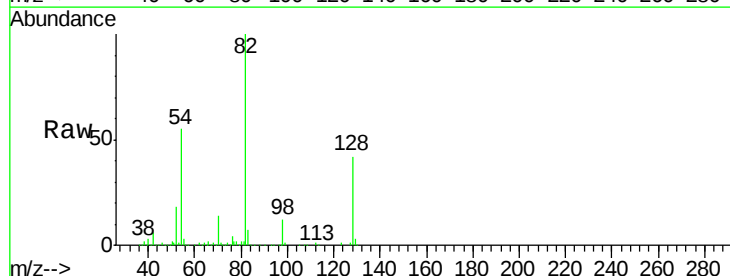


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

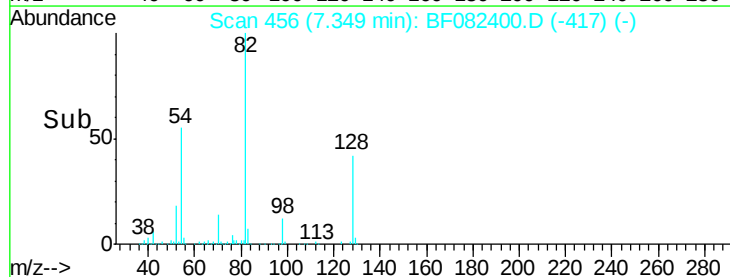
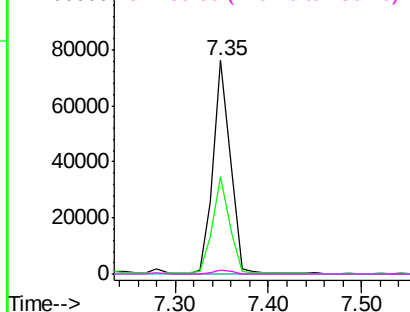


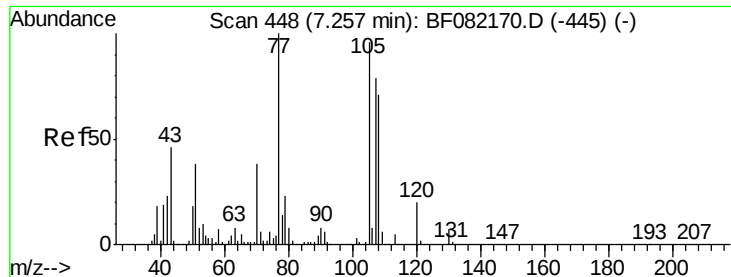
#19
n-Nitroso-di-n-propylamine
Concen: 4.82 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.15 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion: 70 Resp: 99381
Ion Ratio Lower Upper
70 100
42 45.6 39.8 59.8
101 0.0 8.6 13.0#
130 2.0 20.5 30.7#



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

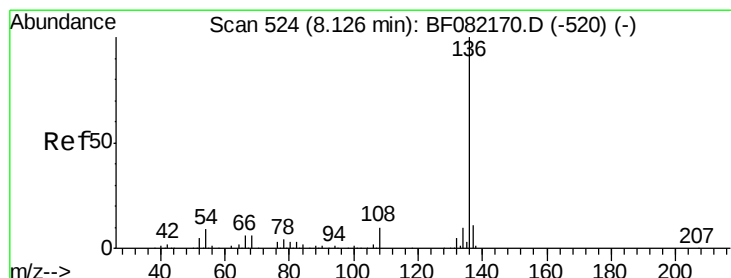
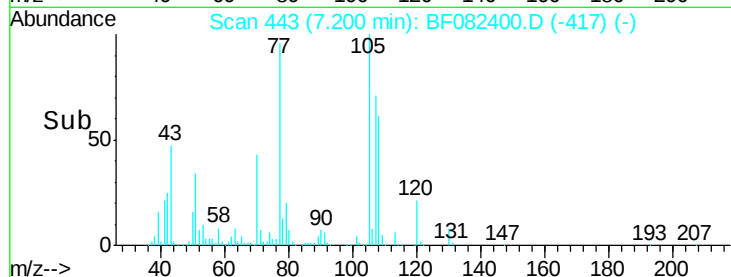
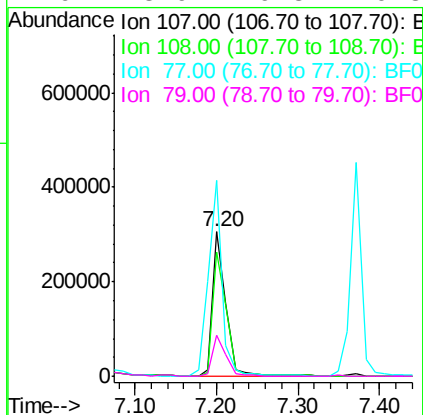
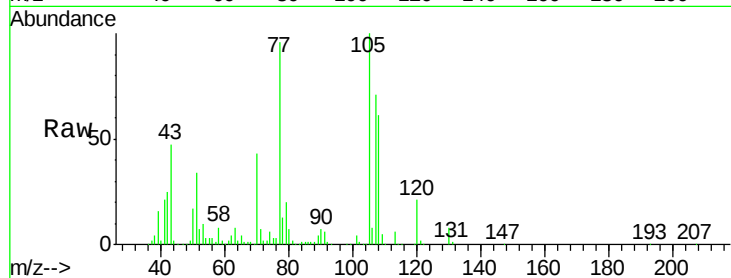




#20
3+4-Methylphenols
Concen: 13.19 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

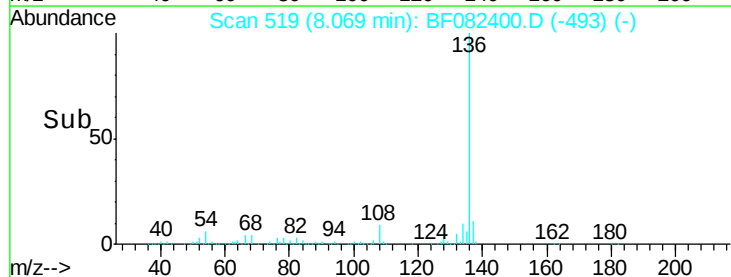
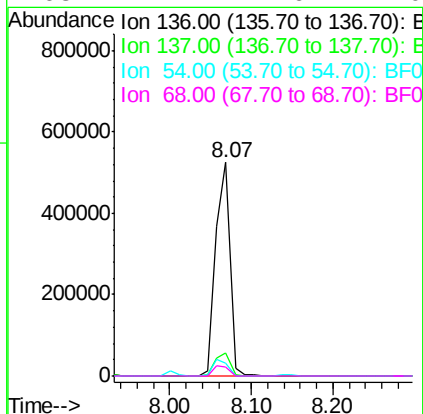
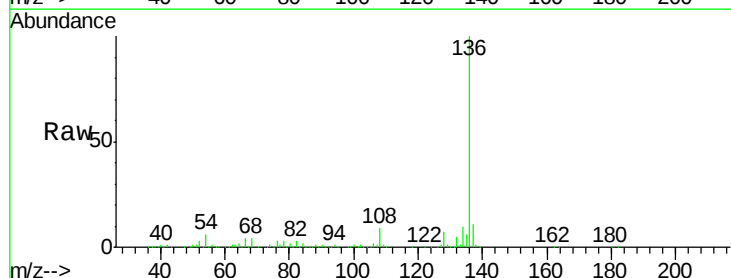
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

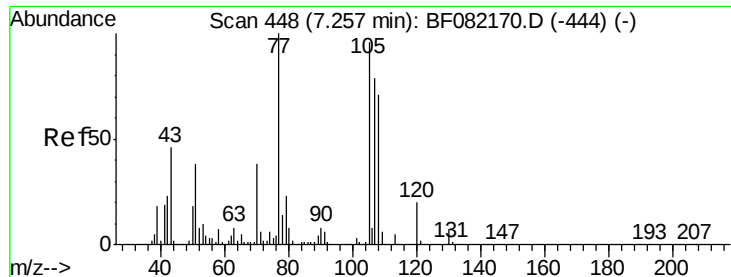
Tot Ion:	107	Resp:	342215
Ion	Ratio	Lower	Upper
107	100		
108	85.7	69.9	109.9
77	135.9	106.0	146.0
79	28.9	9.8	49.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:	136	Resp:	643452
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.3	7.5	11.3#
68	4.1	4.6	7.0#





#22

Acetophenone

Concen: 40.32 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:105 Resp: 513215

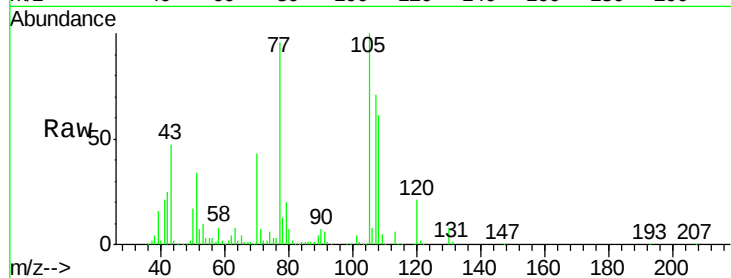
Ion Ratio Lower Upper

105 100

71 7.2 5.4 8.0

51 34.3 31.8 47.6

120 21.4 16.3 24.5

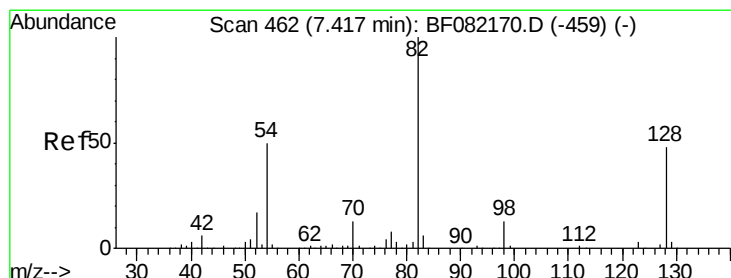
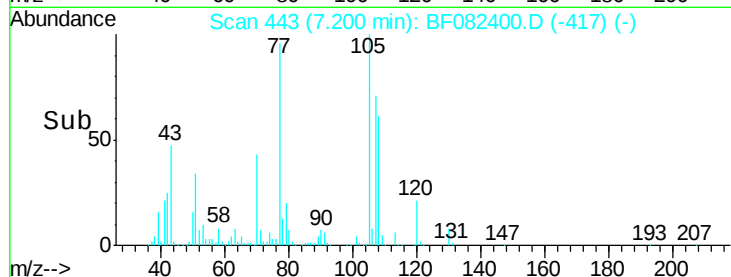
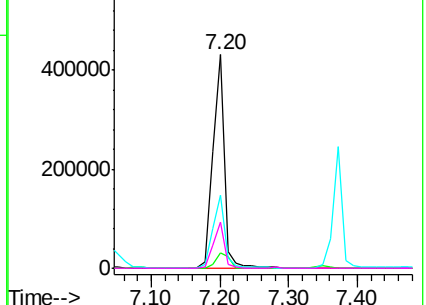


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 77.37 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

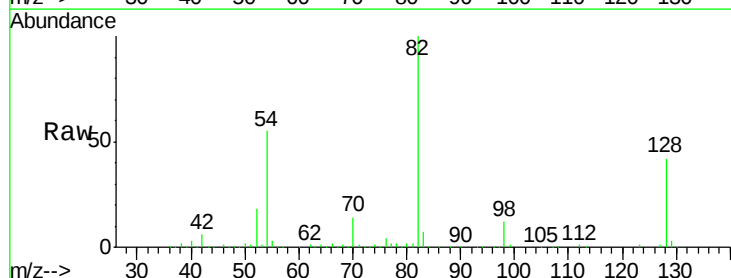
Tgt Ion: 82 Resp: 741364

Ion Ratio Lower Upper

82 100

128 42.4 38.7 58.1

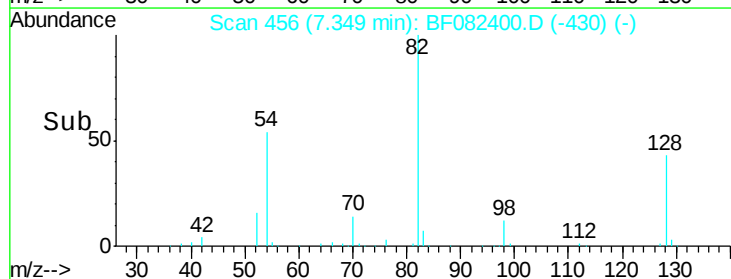
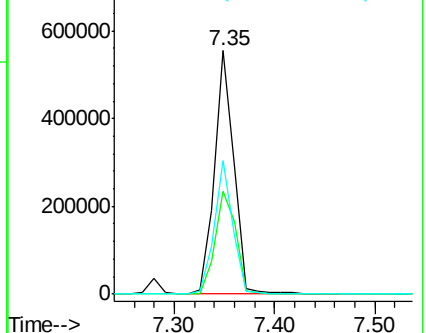
54 54.8 40.1 60.1

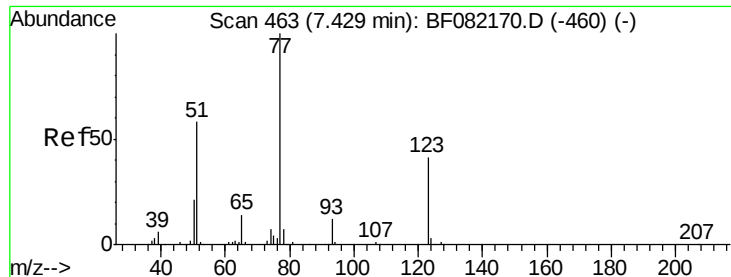


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

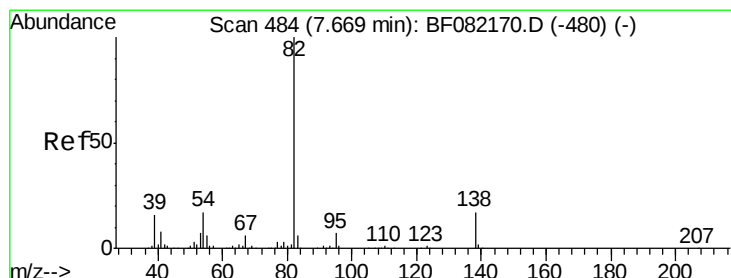
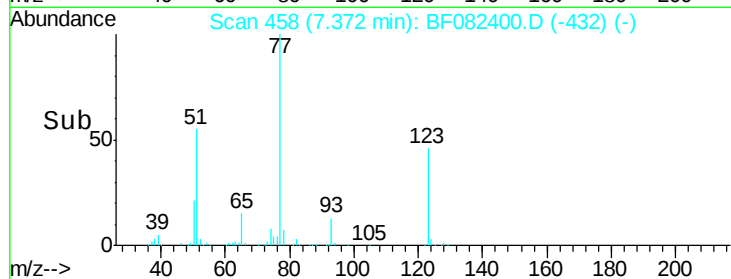
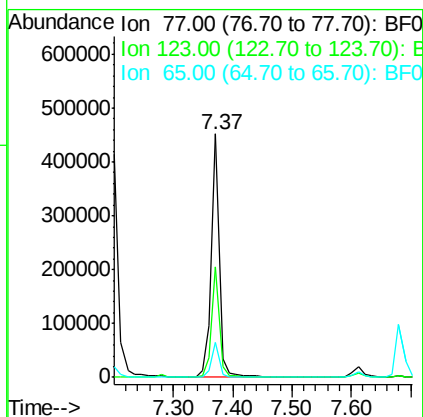
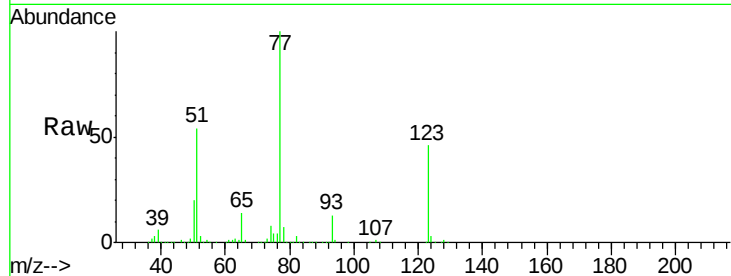




#24
 Nitrobenzene
 Concen: 40.76 ng
 RT: 7.37 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

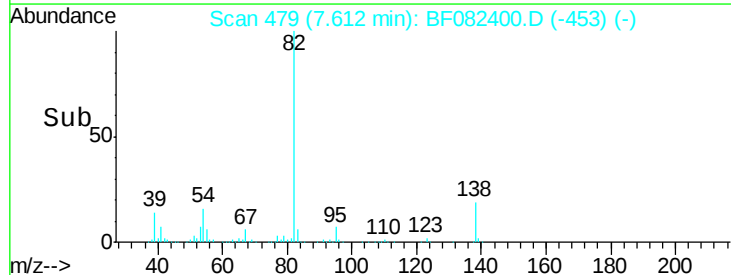
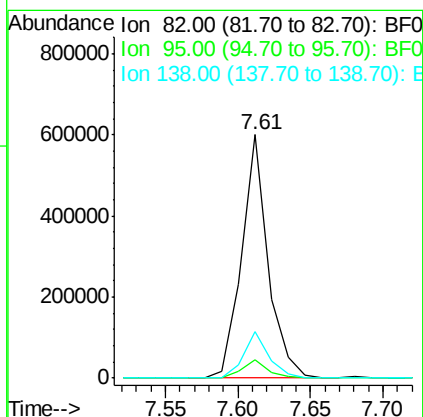
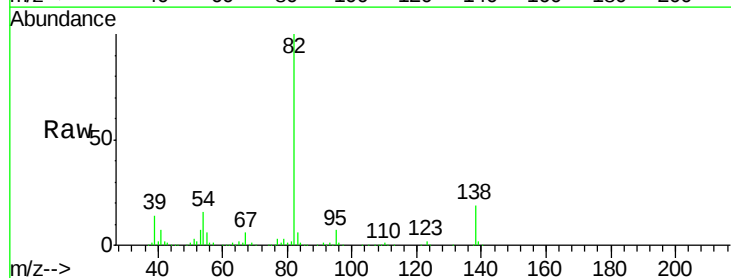
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

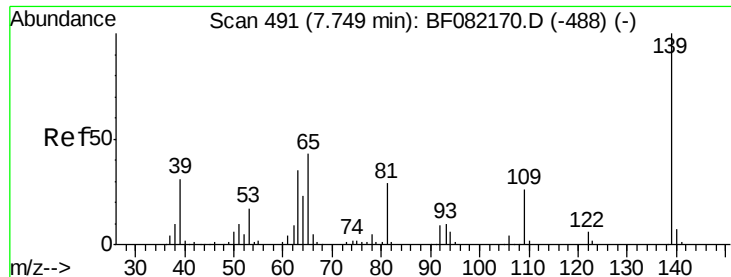
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.5	33.0	49.4
65	14.3	11.2	16.8



#25
 Isophorone
 Concen: 38.96 ng
 RT: 7.61 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	19.1	13.6	20.4

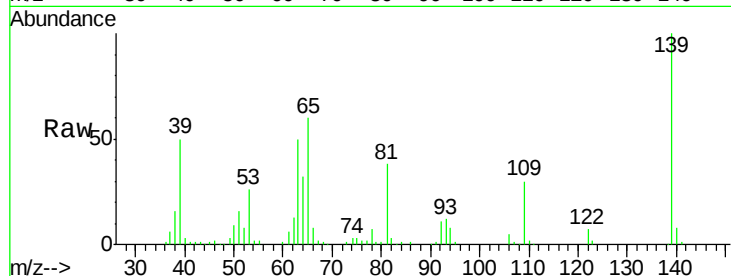




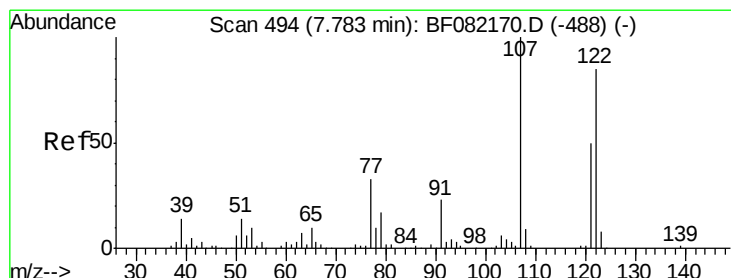
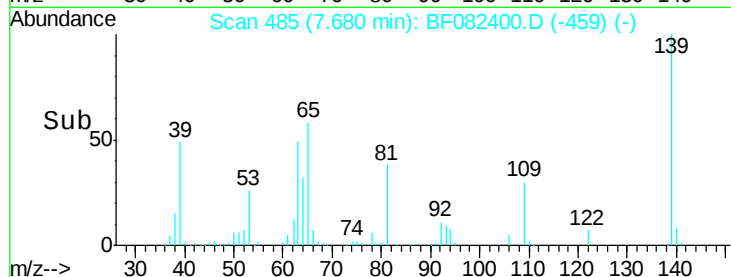
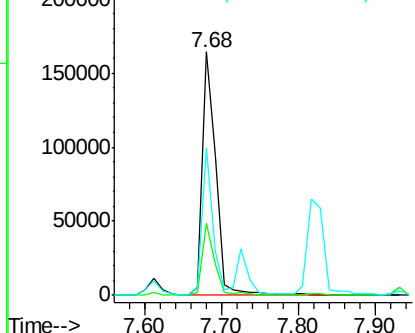
#26
2-Nitrophenol
Concen: 38.35 ng
RT: 7.68 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 198619
Ion Ratio Lower Upper
139 100
109 29.8 20.6 31.0
65 60.4 34.3 51.5#

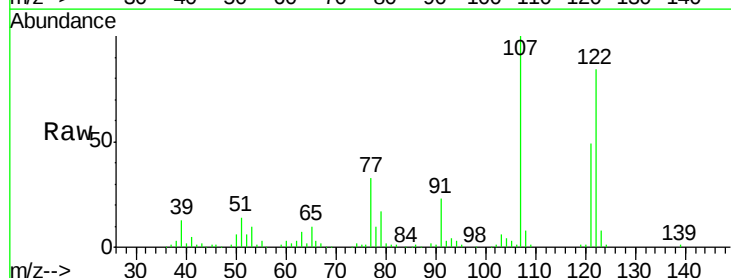


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

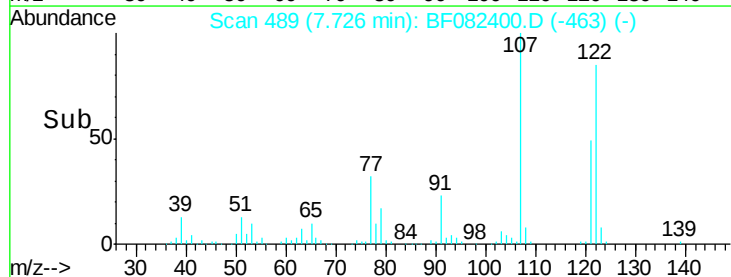
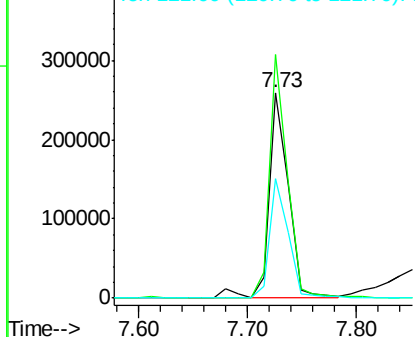


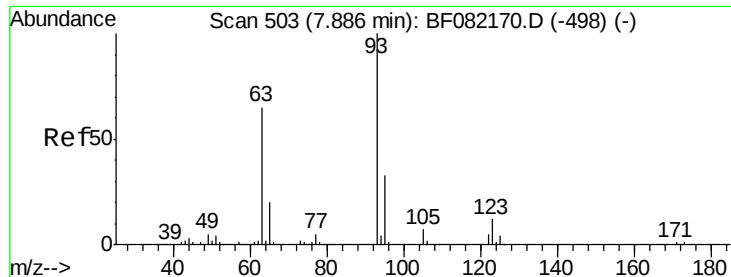
#27
2,4-Dimethylphenol
Concen: 38.48 ng
RT: 7.73 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:122 Resp: 321037
Ion Ratio Lower Upper
122 100
107 118.5 94.0 141.0
121 58.3 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: 39.41 ng

RT: 7.83 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

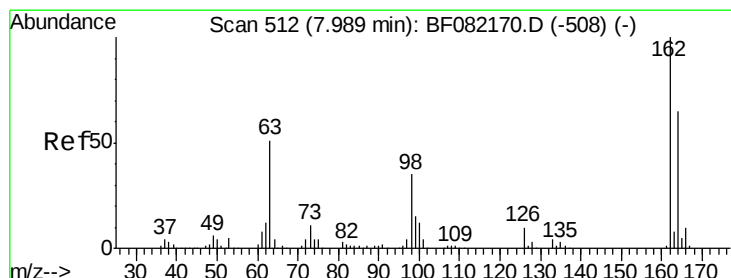
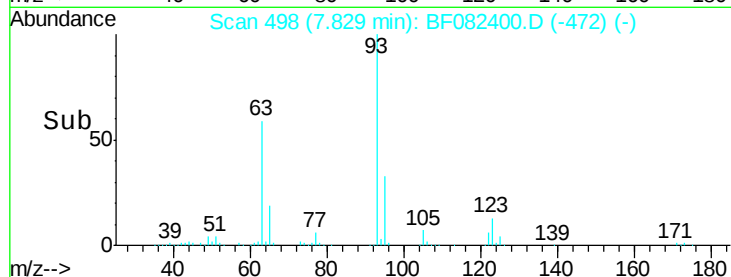
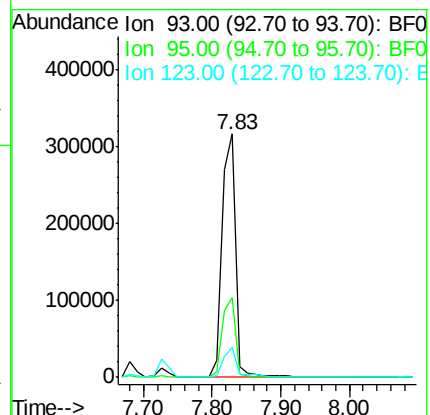
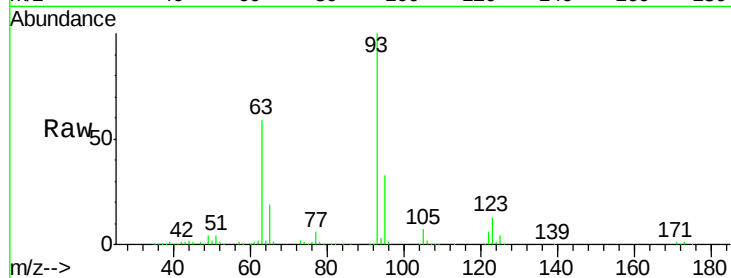
Tot Ion: 93 Resp: 443466

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

123 12.5 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 41.90 ng

RT: 7.93 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

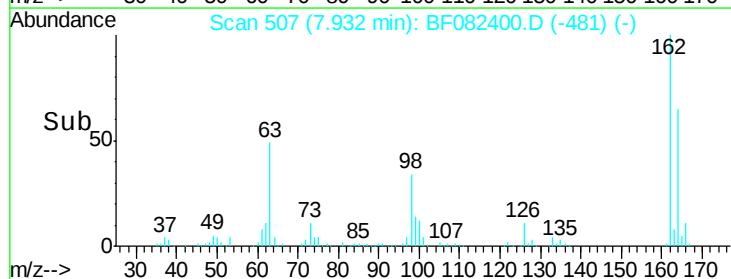
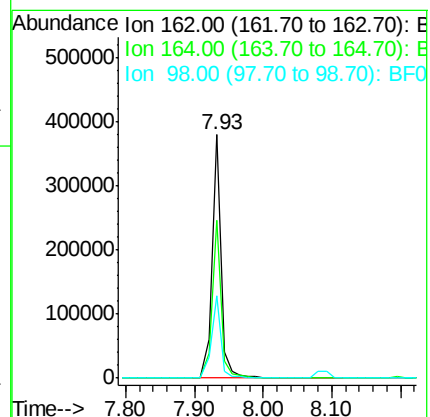
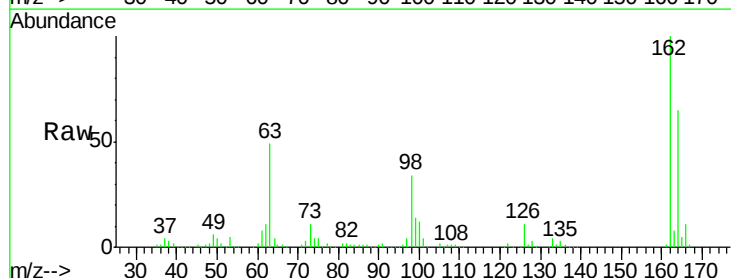
Tgt Ion: 162 Resp: 349484

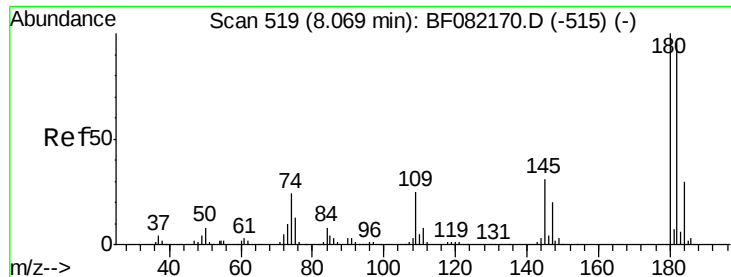
Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

98 33.6 15.0 55.0

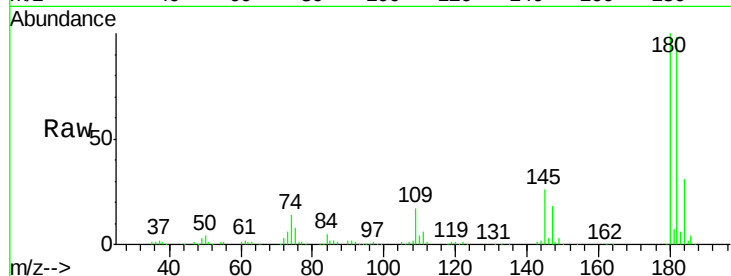




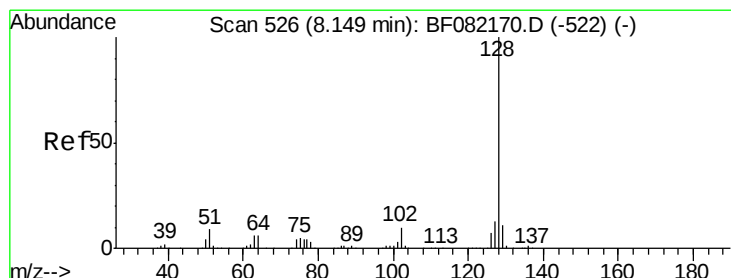
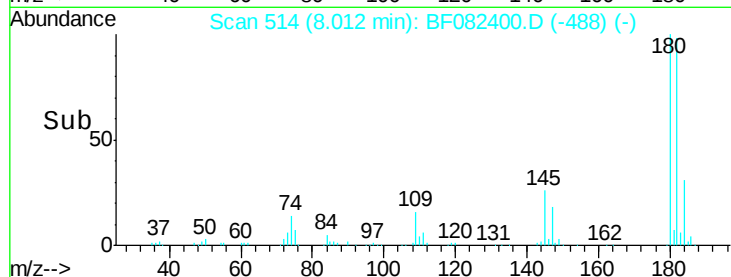
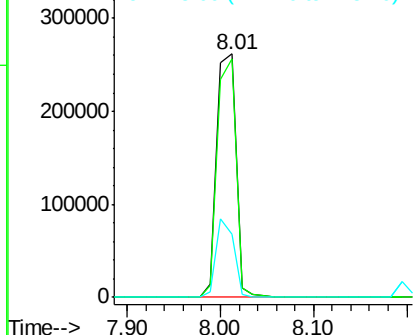
#30
1,2,4-Trichlorobenzene
Concen: 38.92 ng
RT: 8.01 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:180 Resp: 374203
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.4
145 26.2 25.0 37.4

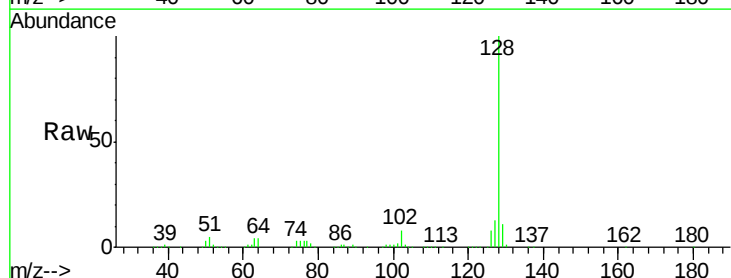


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

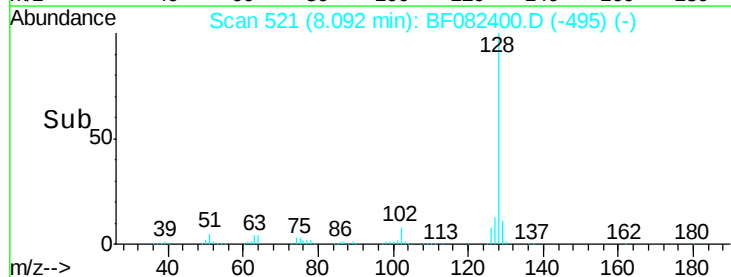
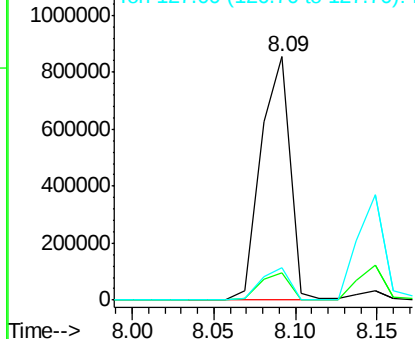


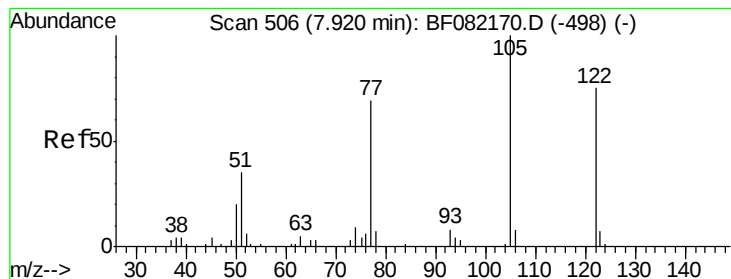
#31
Naphthalene
Concen: 38.07 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:128 Resp: 1061790
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 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: 22.04 ng

RT: 7.86 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

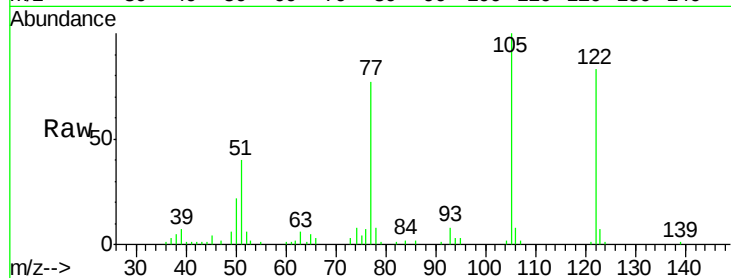
Tot Ion:122 Resp: 123442

Ion Ratio Lower Upper

122 100

105 120.0 104.4 144.4

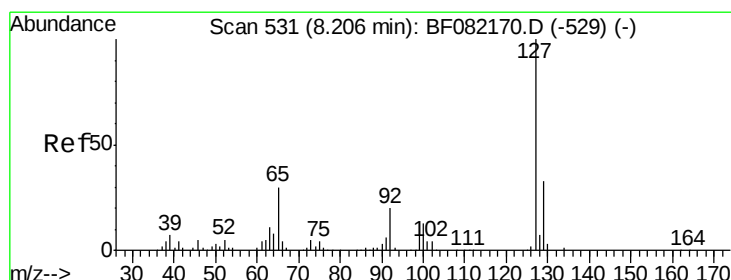
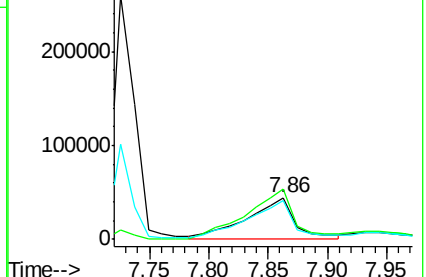
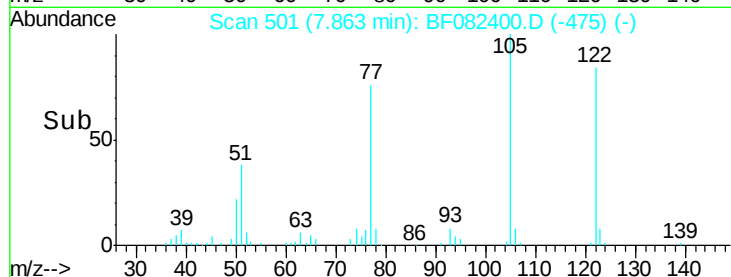
77 93.0 69.0 109.0



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: 39.11 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion:127 Resp: 453014

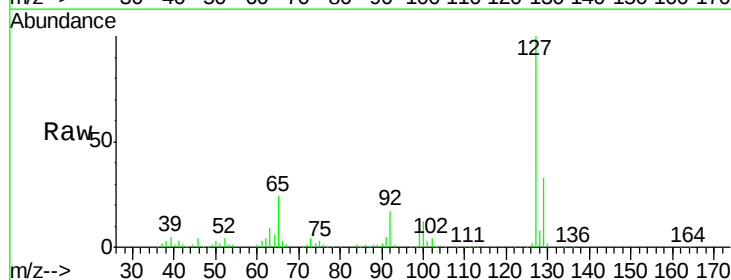
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 24.2 24.4 36.6#

92 16.9 15.7 23.5

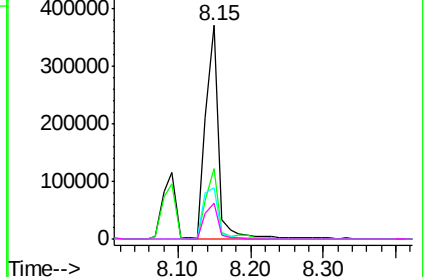
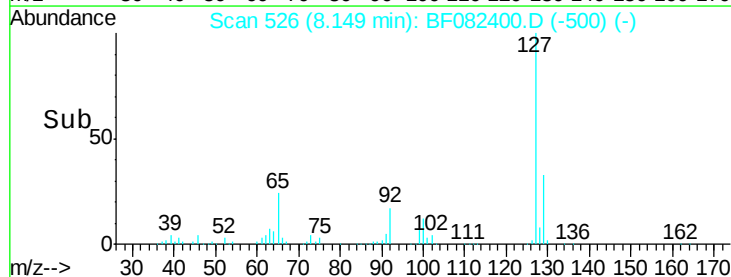


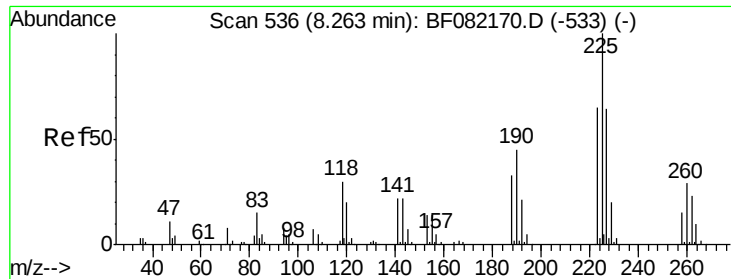
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

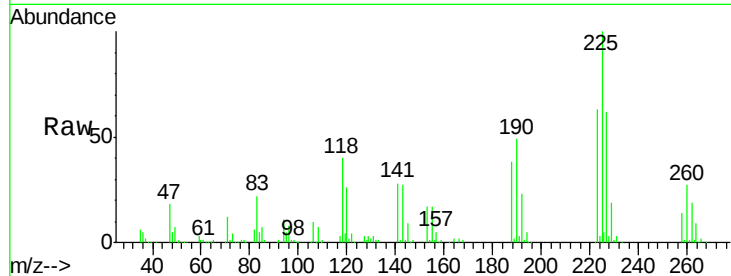




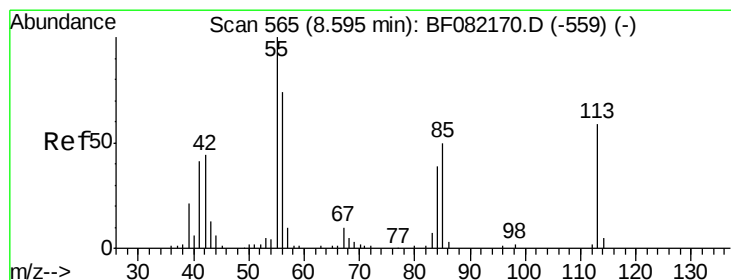
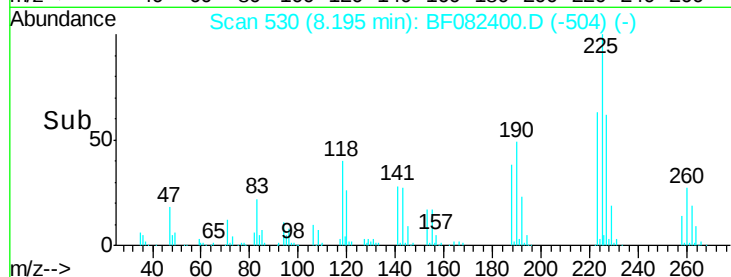
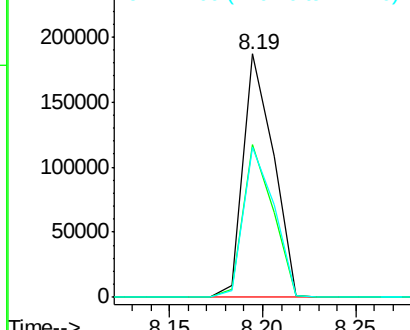
#34
Hexachlorobutadiene
Concen: 35.07 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.2	78.2
227	61.5	51.3	76.9

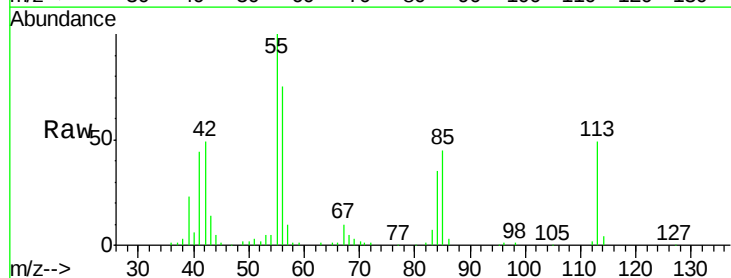


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

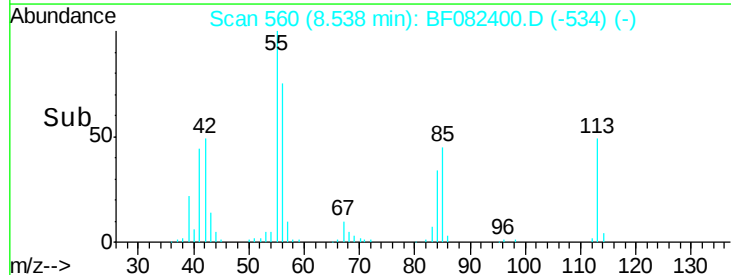
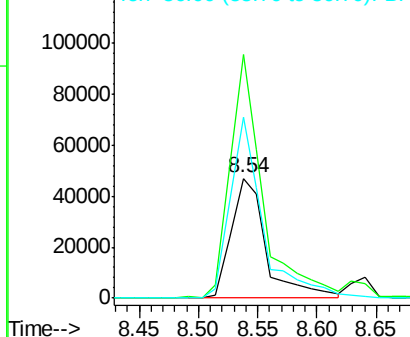


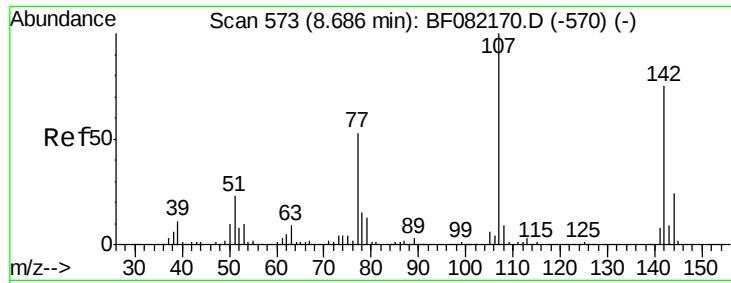
#35
Caprolactam
Concen: 39.71 ng
RT: 8.54 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
113	100		
55	203.2	149.7	189.7#
56	151.4	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

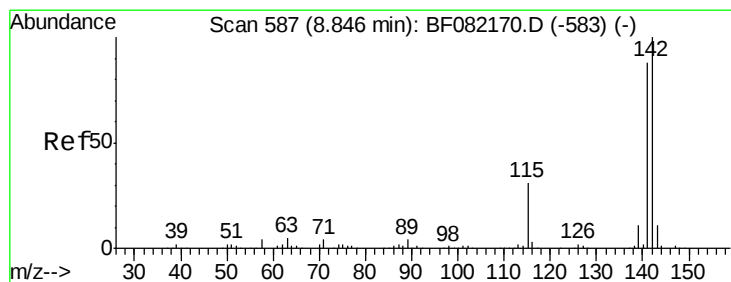
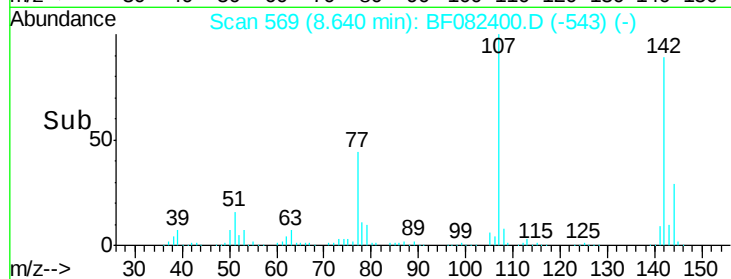
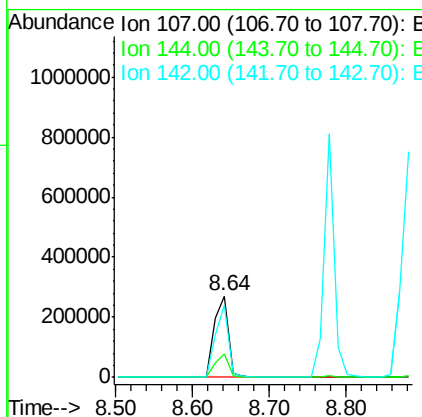
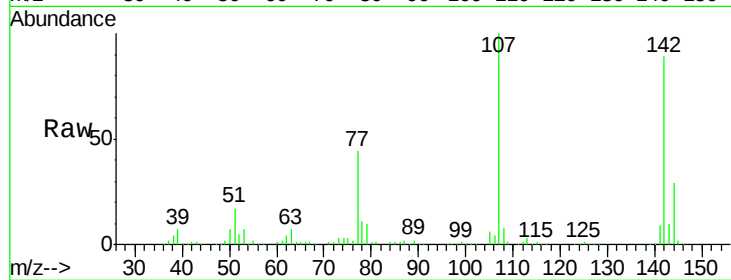




#36
 4-Chloro-3-methylphenol
 Concen: 42.70 ng
 RT: 8.64 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

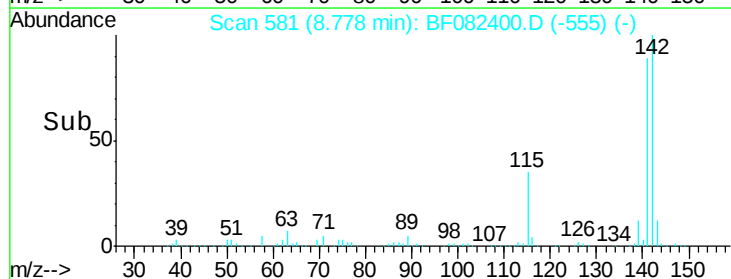
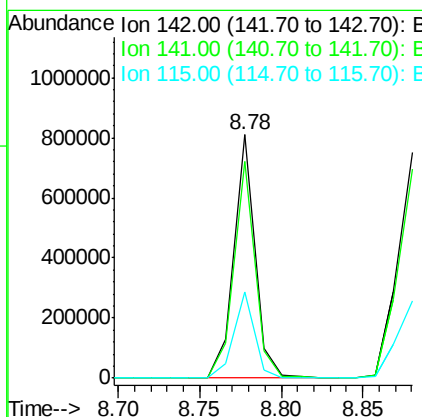
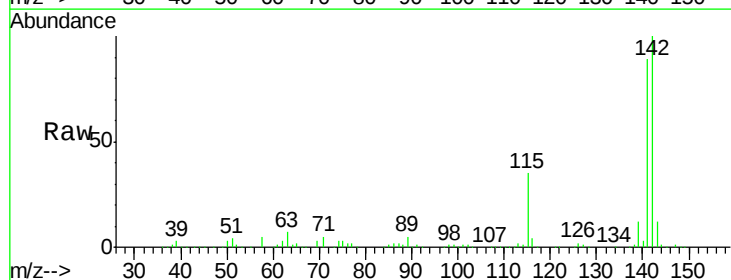
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

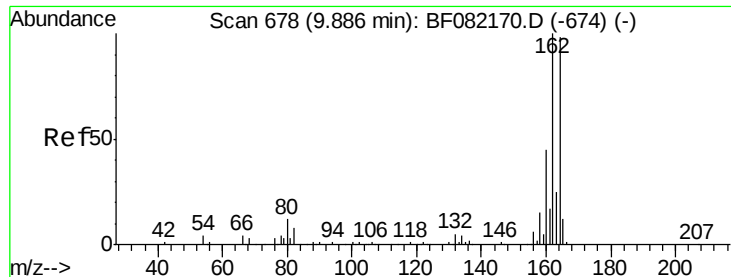
Tot Ion:107 Resp: 348279
 Ion Ratio Lower Upper
 107 100
 144 29.1 19.3 28.9#
 142 88.6 59.9 89.9



#37
 2-Methylnaphthalene
 Concen: 37.42 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:142 Resp: 723649
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.4 105.6
 115 35.2 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

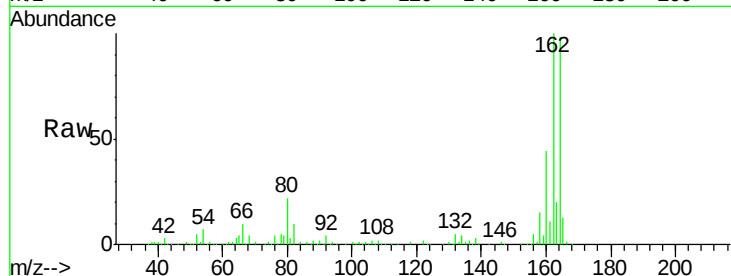
Tot Ion:164 Resp: 311561

Ion Ratio Lower Upper

164 100

162 102.4 81.6 122.4

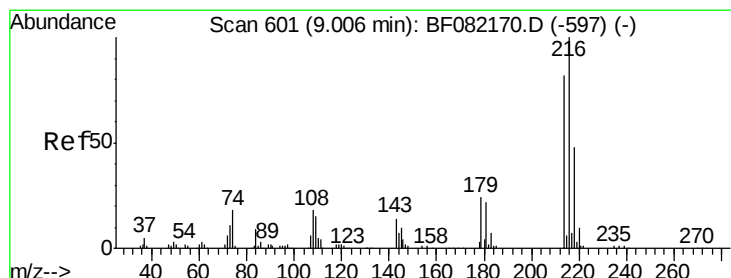
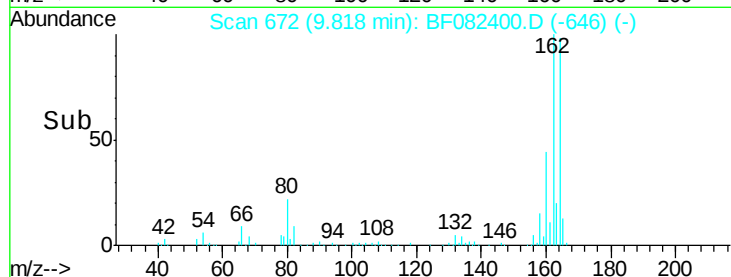
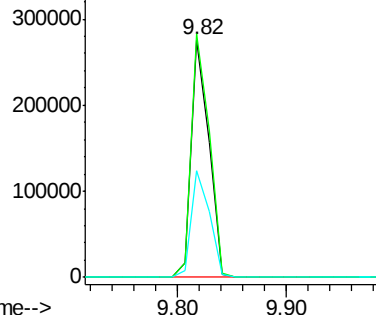
160 44.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.24 ng

RT: 8.95 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion:216 Resp: 382197

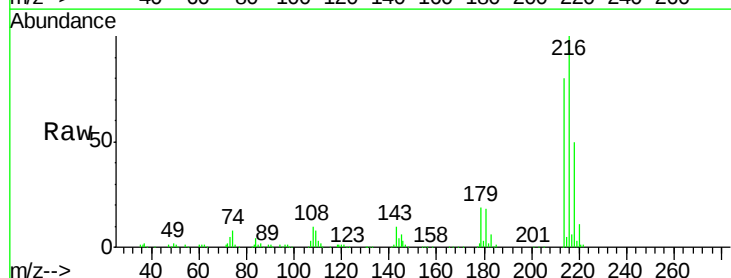
Ion Ratio Lower Upper

216 100

214 80.1 64.6 97.0

179 20.7 17.6 26.4

108 16.1 14.5 21.7

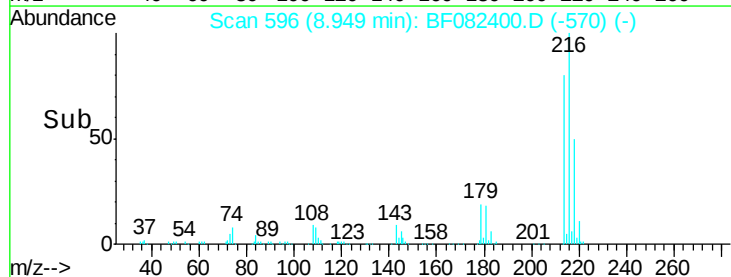
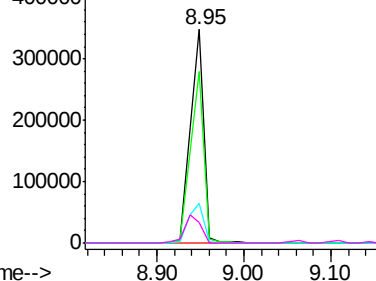


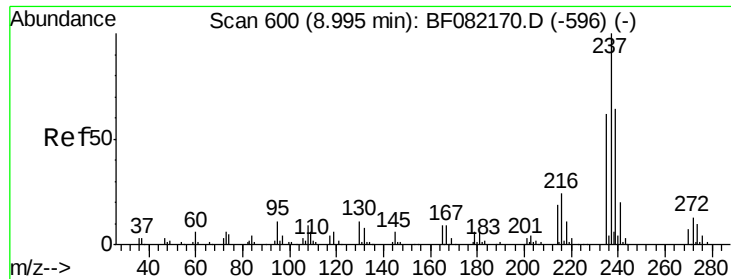
Abundance Ion 216.00 (215.70 to 216.70): E

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

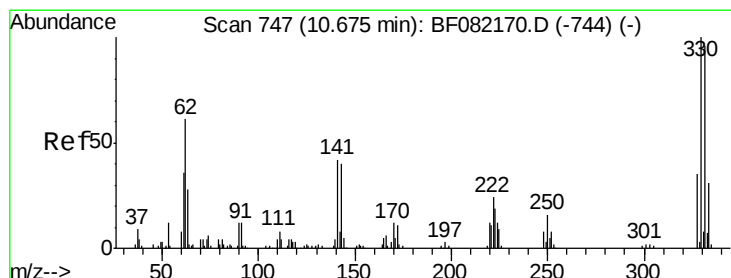
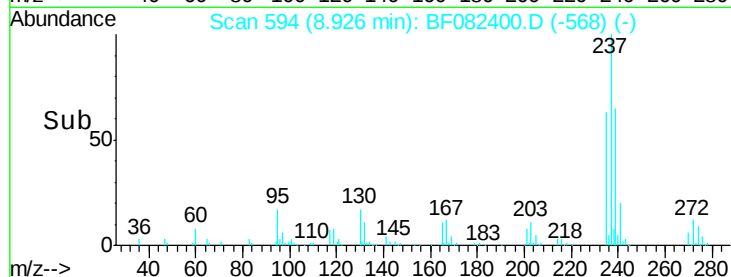
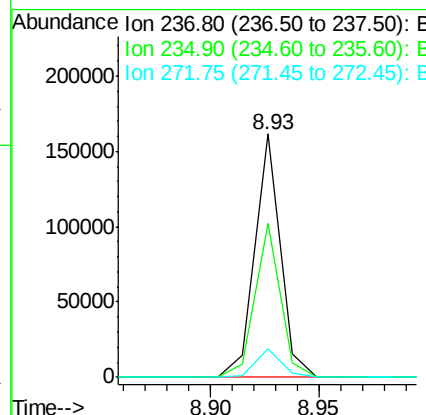
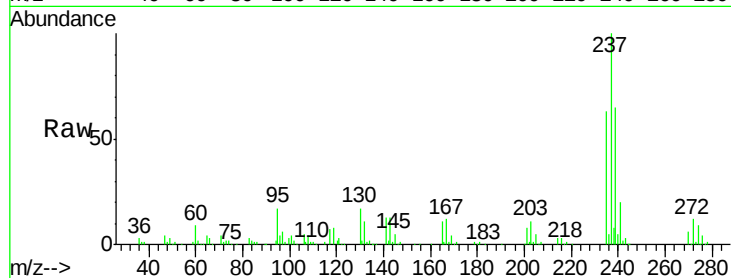




#40
Hexachlorocyclopentadiene
Concen: 33.45 ng
RT: 8.93 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

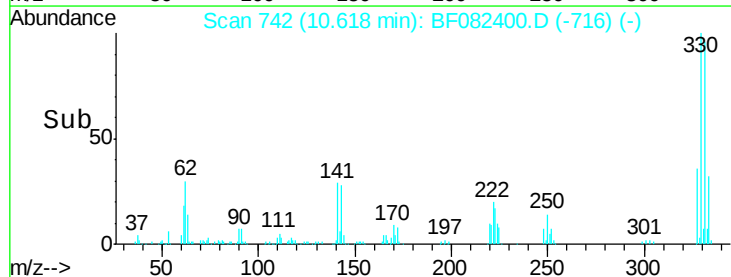
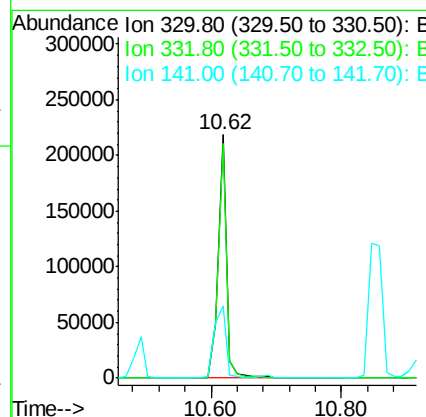
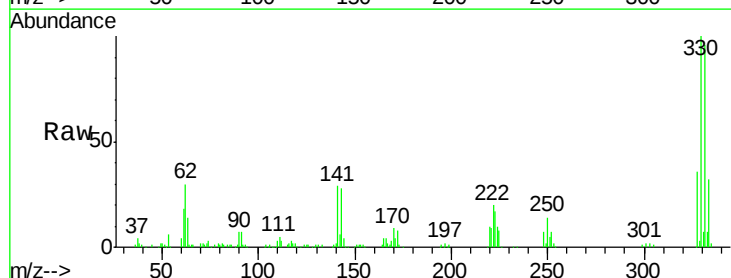
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

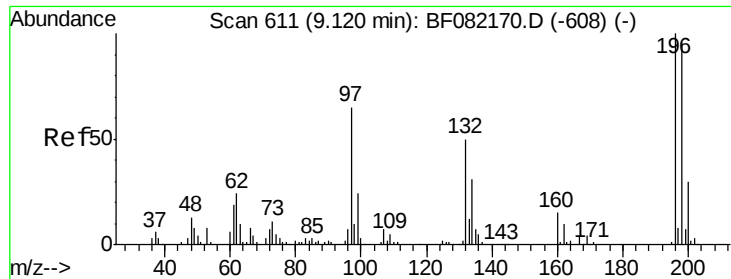
Tot Ion:237 Resp: 131555
Ion Ratio Lower Upper
237 100
235 63.2 41.7 81.7
272 11.5 0.0 32.8



#41
2,4,6-Tribromophenol
Concen: 69.85 ng
RT: 10.62 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:330 Resp: 204104
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 41.0 29.8 44.8

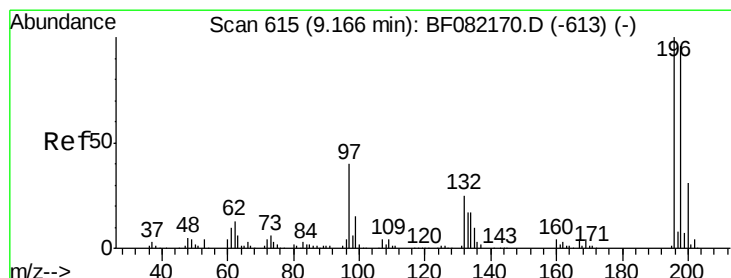
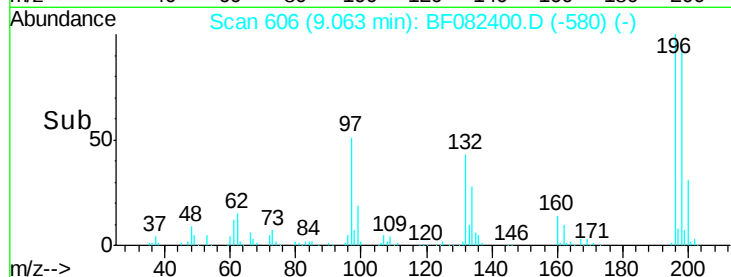
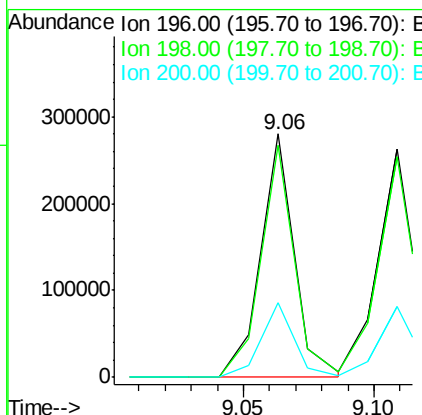
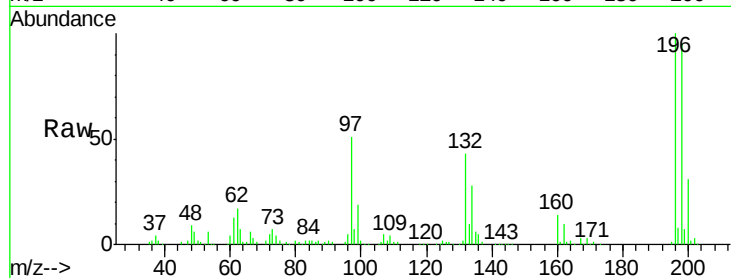




#42
 2,4,6-Trichlorophenol
 Concen: 41.11 ng
 RT: 9.06 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

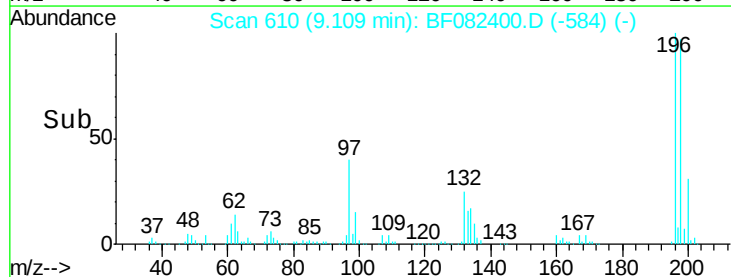
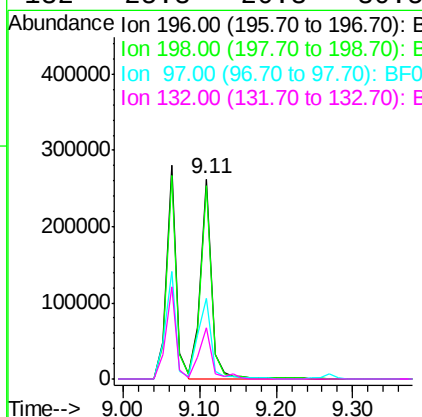
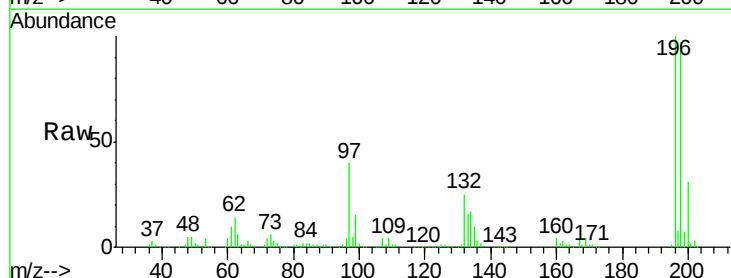
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

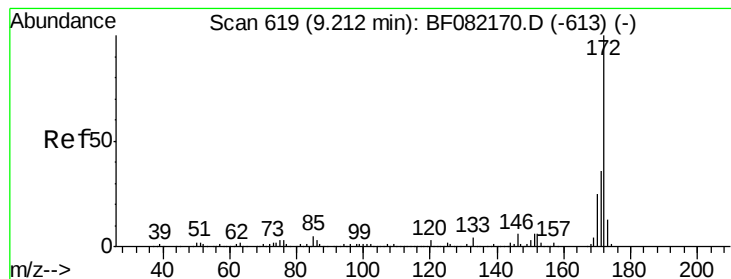
Tot Ion:196 Resp: 253018
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 200 30.7 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 9.11 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:196 Resp: 263164
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.0 115.4
 97 40.2 31.9 47.9
 132 25.3 20.3 30.5





#44

2-Fluorobiphenyl

Concen: 72.13 ng

RT: 9.14 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

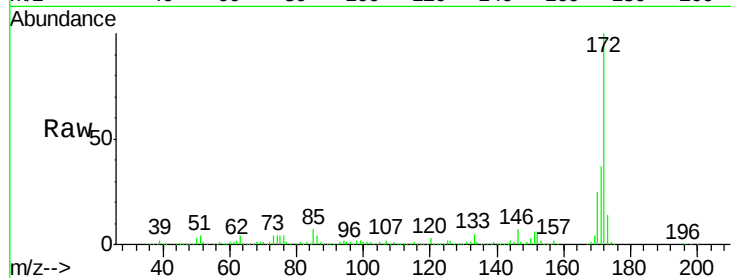
Tot Ion:172 Resp: 1355034

Ion Ratio Lower Upper

172 100

171 36.7 28.6 42.8

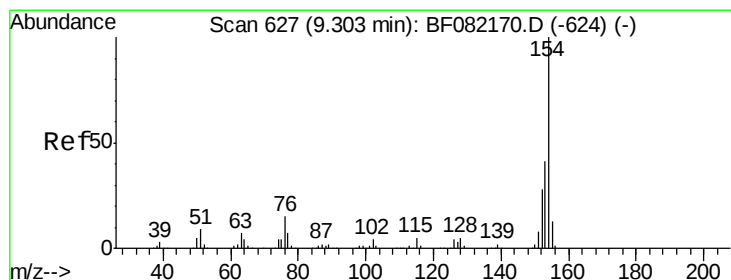
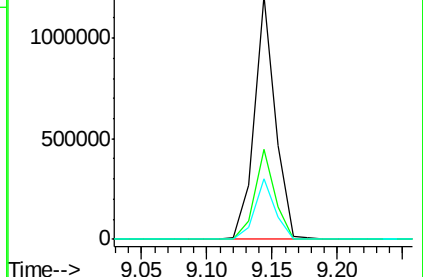
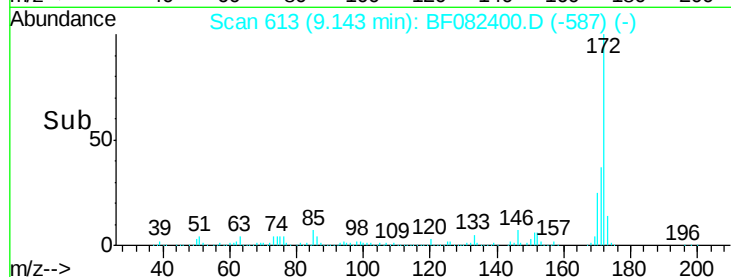
170 25.1 19.7 29.5



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: 37.76 ng

RT: 9.25 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

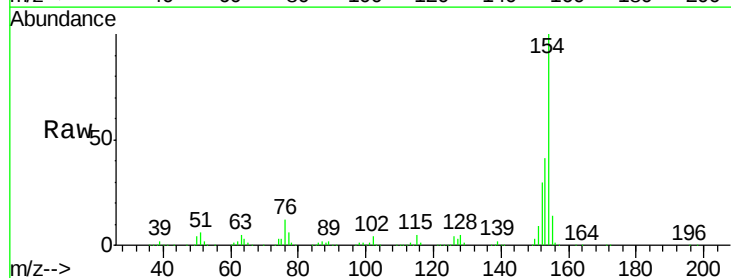
Tgt Ion:154 Resp: 897055

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

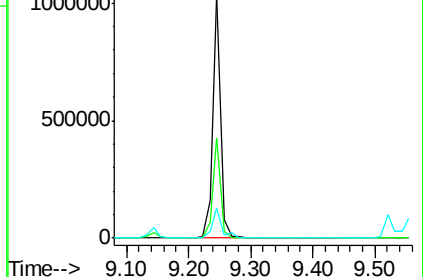
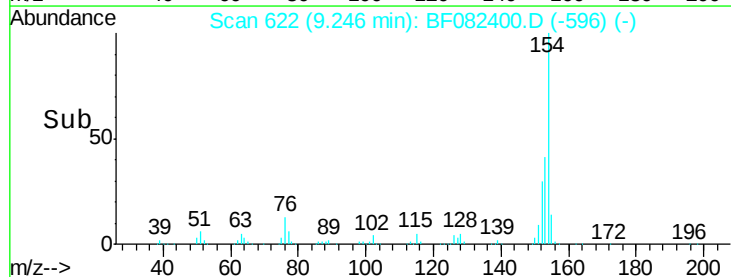
76 12.5 0.0 35.2

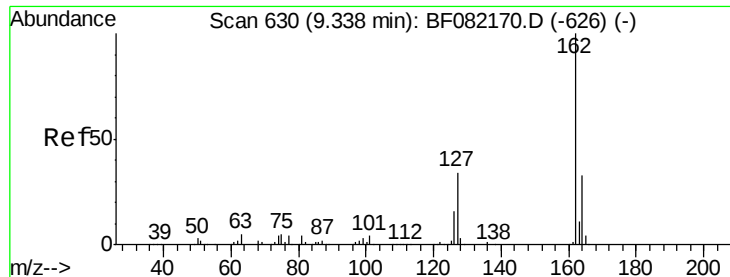


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

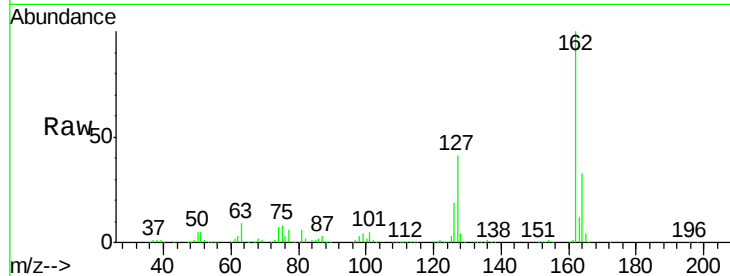




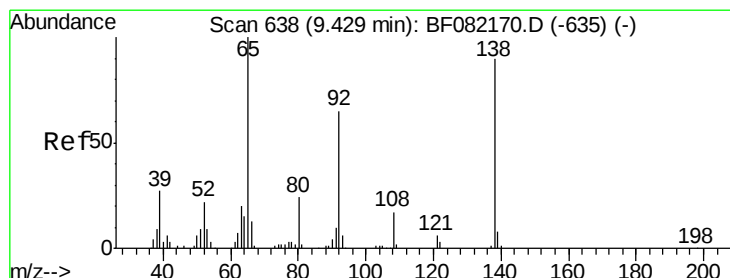
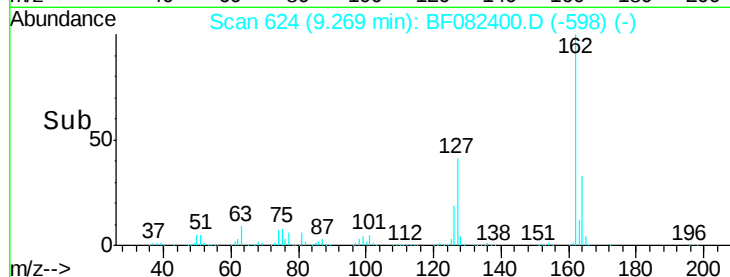
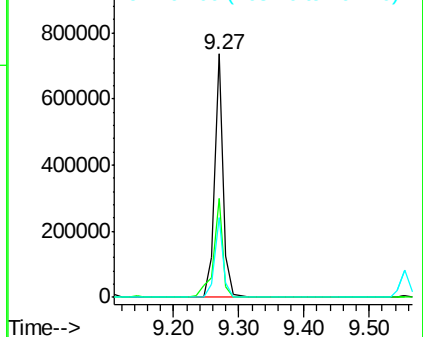
#46
2-Chloronaphthalene
Concen: 37.21 ng
RT: 9.27 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	27.5	41.3
164	33.0	26.6	39.8

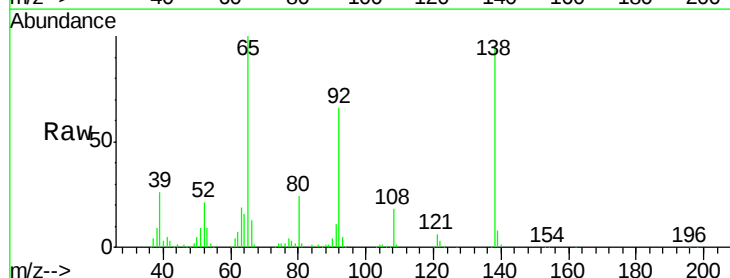


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

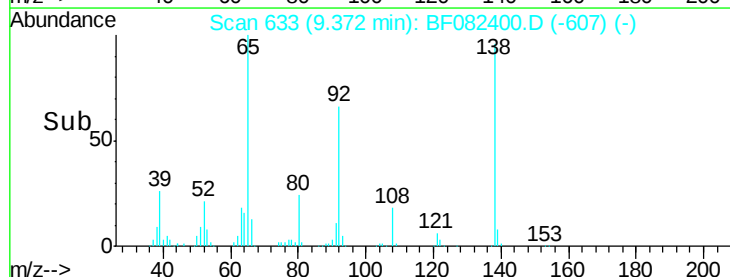
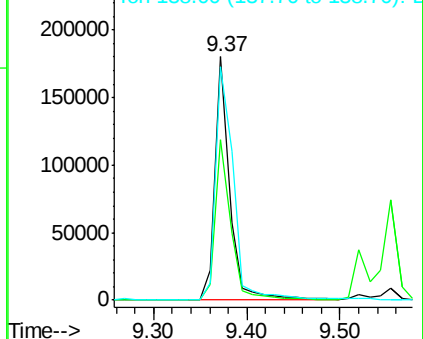


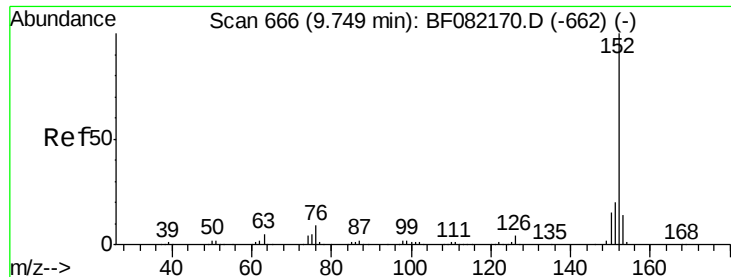
#47
2-Nitroaniline
Concen: 38.84 ng
RT: 9.37 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.3	78.5
138	96.1	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: 35.38 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

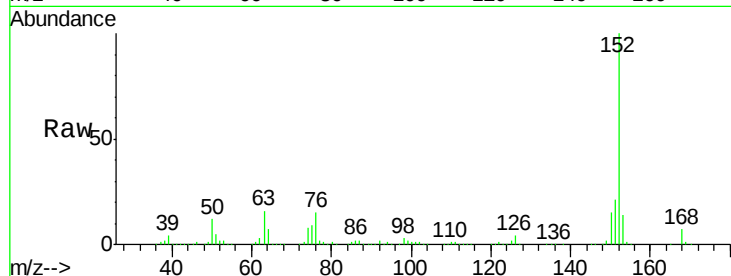
Tot Ion:152 Resp: 1030722

Ion Ratio Lower Upper

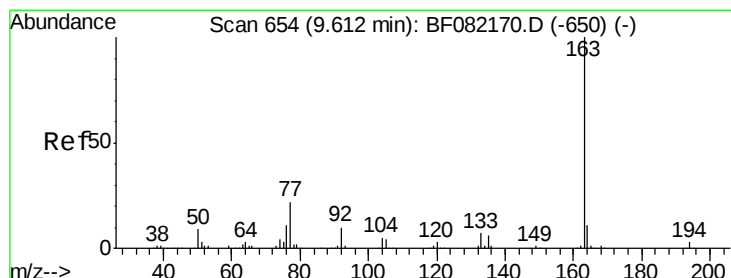
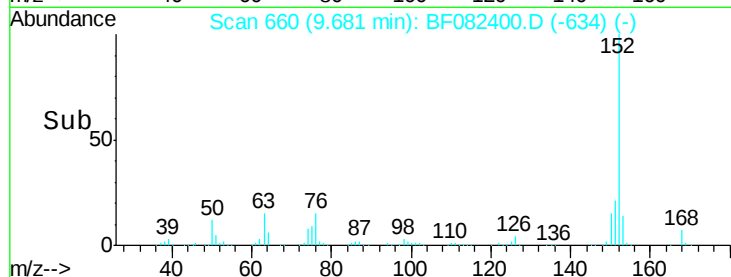
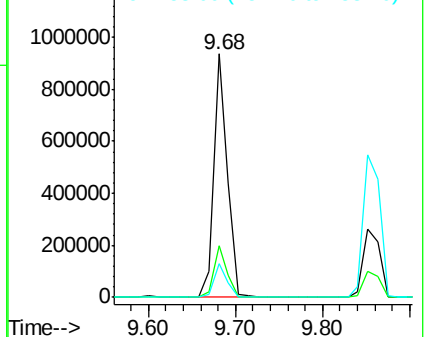
152 100

151 21.0 16.4 24.6

153 14.1 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: 36.58 ng

RT: 9.55 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

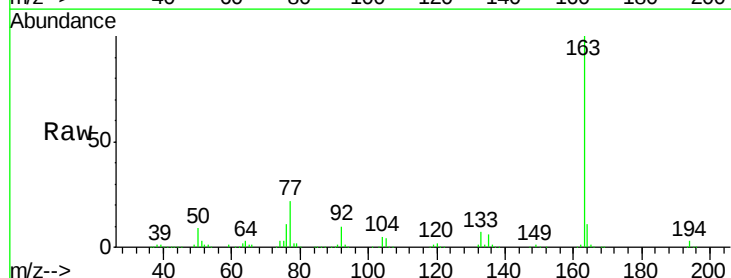
Tgt Ion:163 Resp: 802535

Ion Ratio Lower Upper

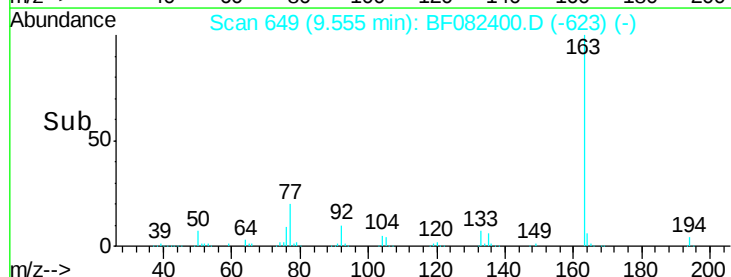
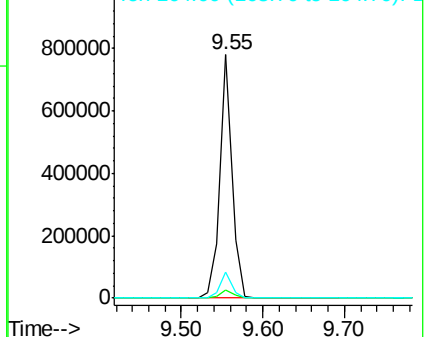
163 100

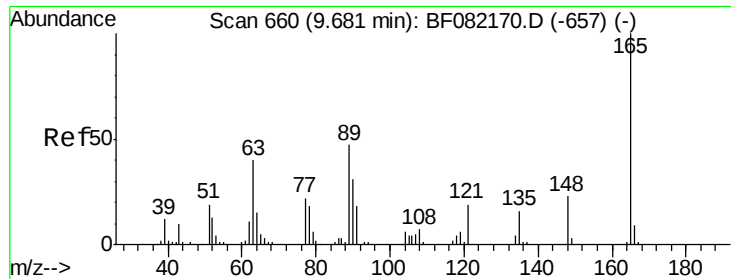
194 3.5 2.6 4.0

164 10.8 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: 43.43 ng

RT: 9.62 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

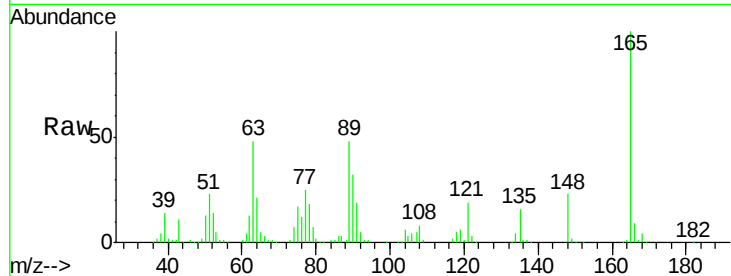
Tot Ion:165 Resp: 201033

Ion Ratio Lower Upper

165 100

63 48.1 36.7 55.1

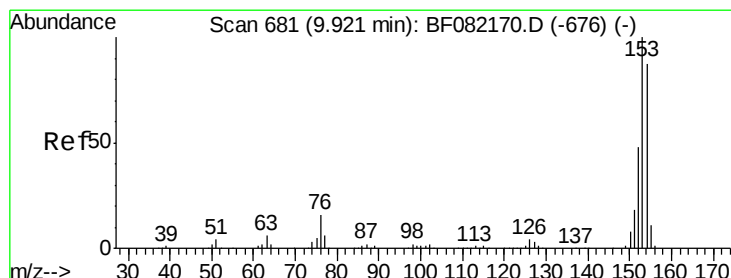
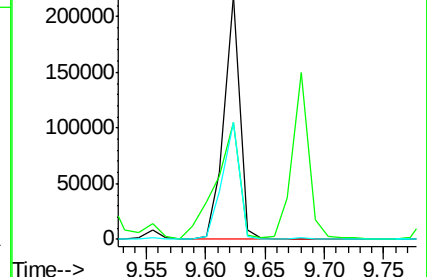
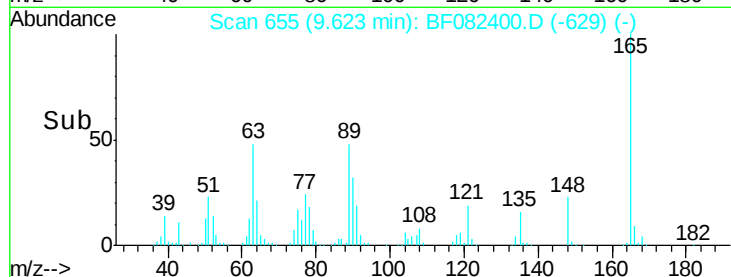
89 48.1 37.8 56.6



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: 36.20 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

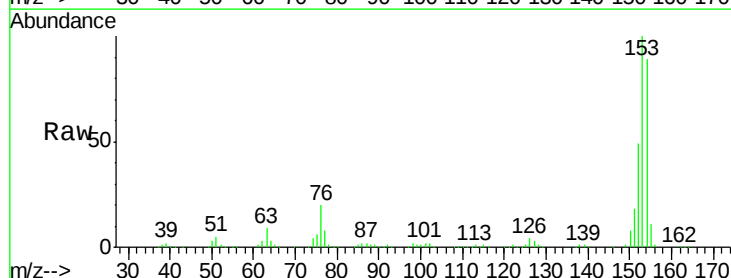
Tgt Ion:154 Resp: 633075

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

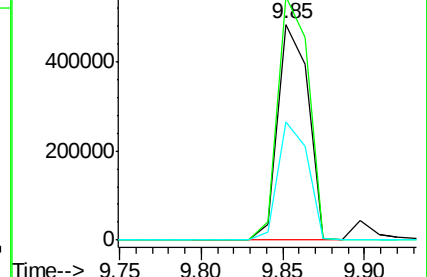
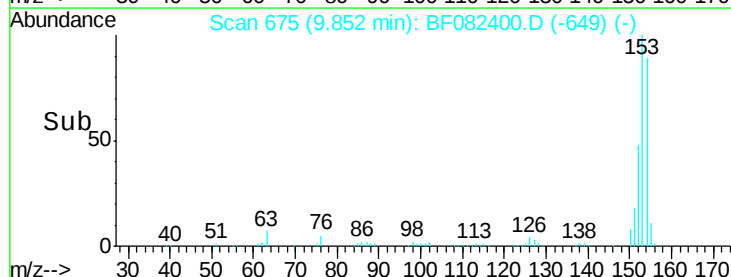
152 54.8 44.3 66.5

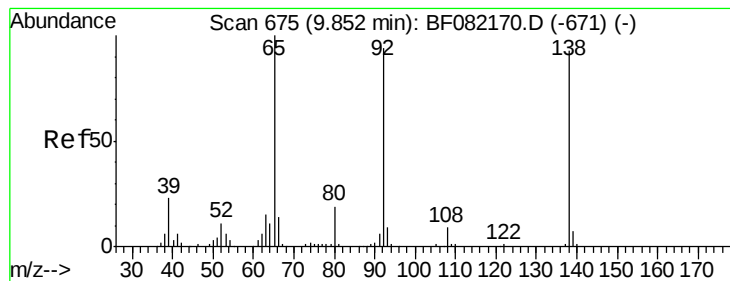


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 43.81 ng

RT: 9.79 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

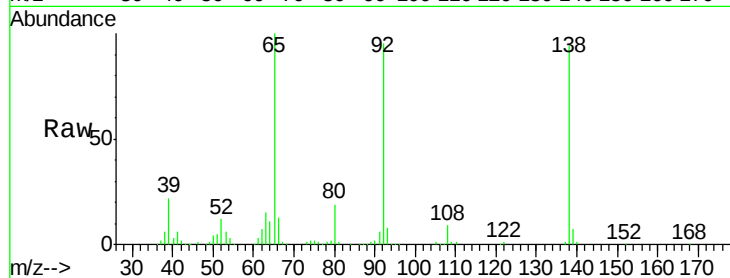
Tot Ion:138 Resp: 229080

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

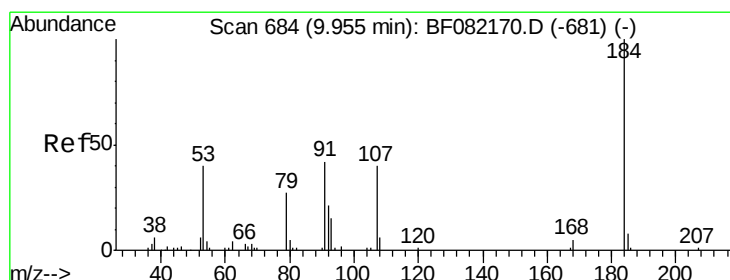
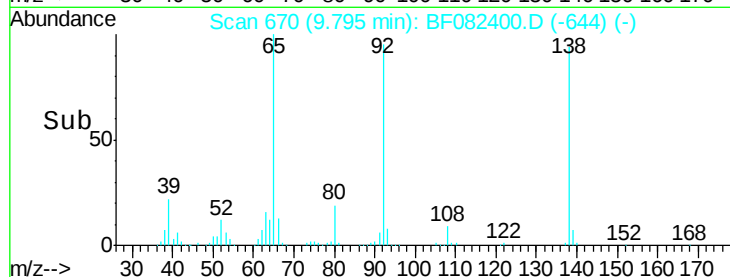
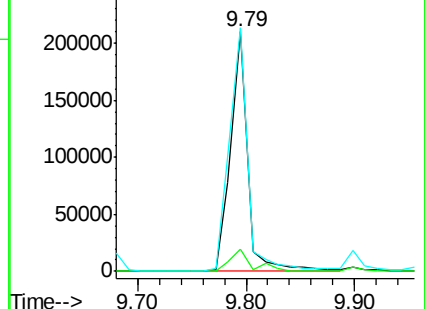
92 101.8 81.3 121.9



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: 36.09 ng

RT: 9.90 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

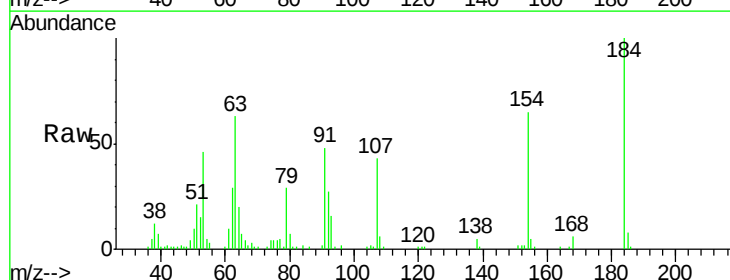
Tgt Ion:184 Resp: 83488

Ion Ratio Lower Upper

184 100

63 63.0 45.1 67.7

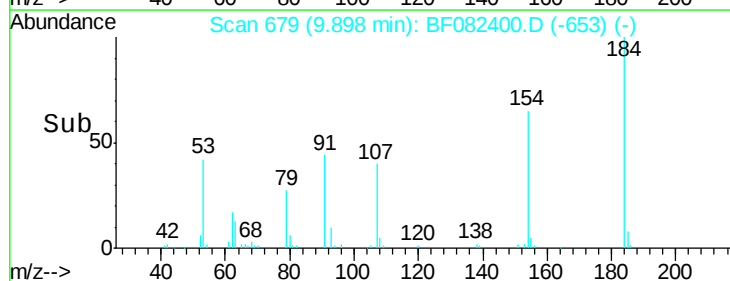
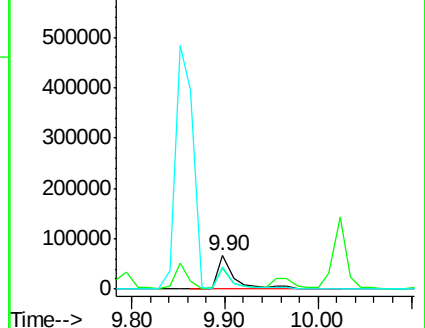
154 65.4 51.2 76.8

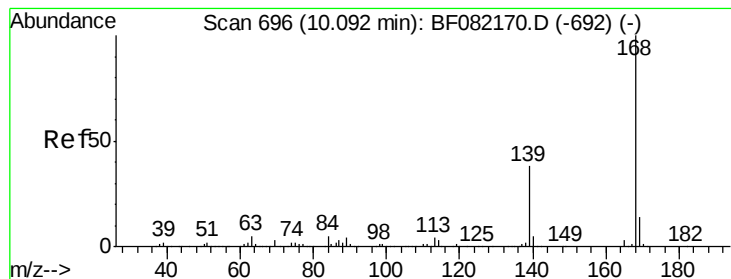


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 37.94 ng

RT: 10.02 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

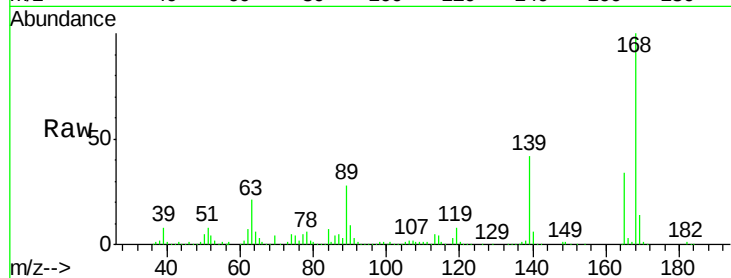
Tot Ion:168 Resp: 911140

Ion Ratio Lower Upper

168 100

139 41.5 31.0 46.6

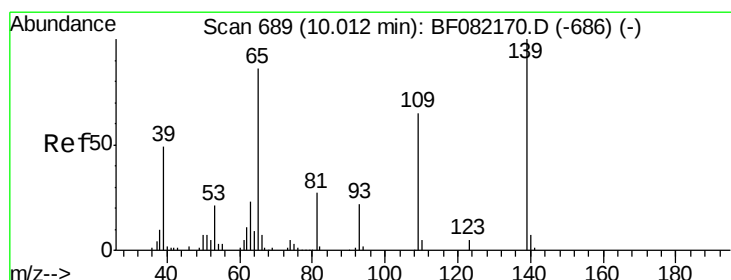
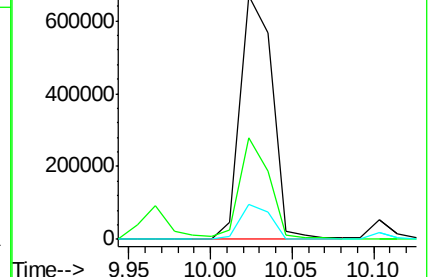
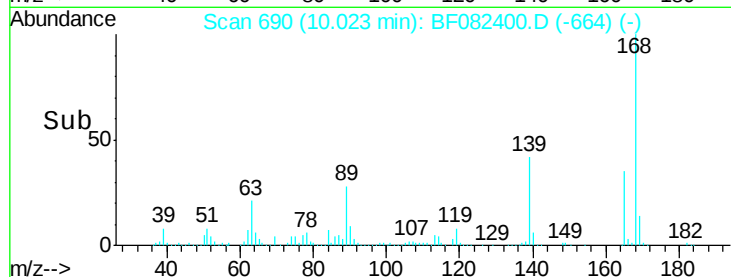
169 14.3 10.9 16.3



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: 40.68 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

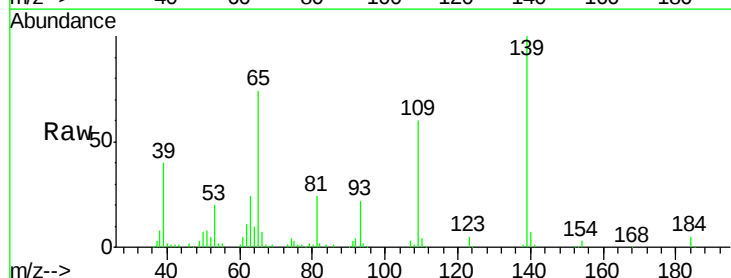
Tgt Ion:139 Resp: 118541

Ion Ratio Lower Upper

139 100

109 60.1 44.8 84.8

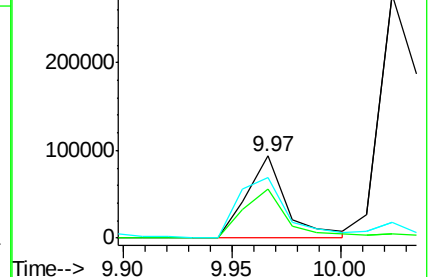
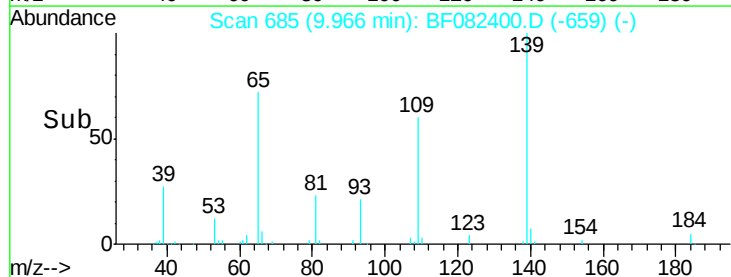
65 73.7 67.7 107.7

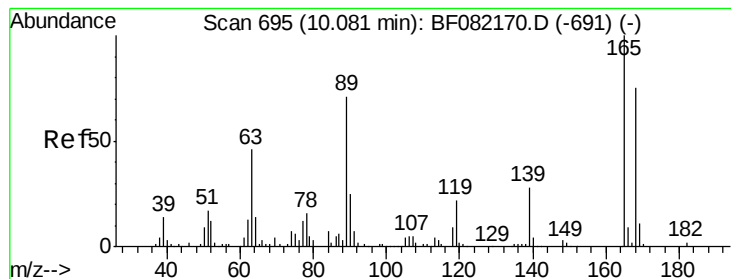


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 38.19 ng

RT: 10.02 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 220946

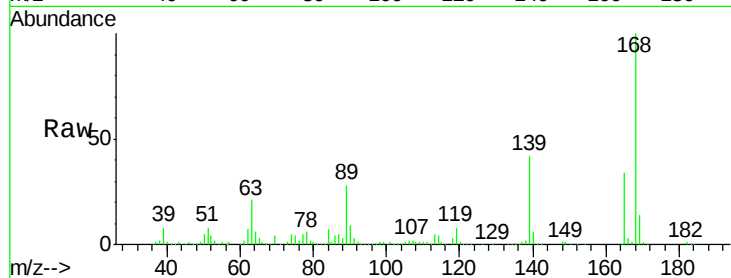
Ion Ratio Lower Upper

165 100

63 62.2 38.6 58.0#

89 81.7 57.0 85.6

182 2.2 1.8 2.6

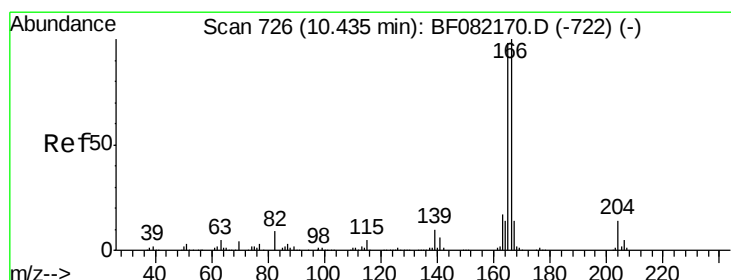
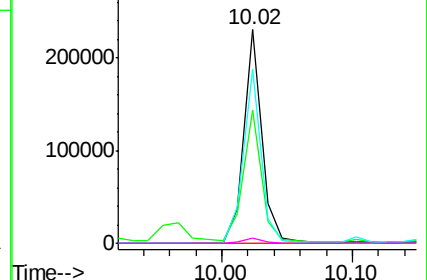
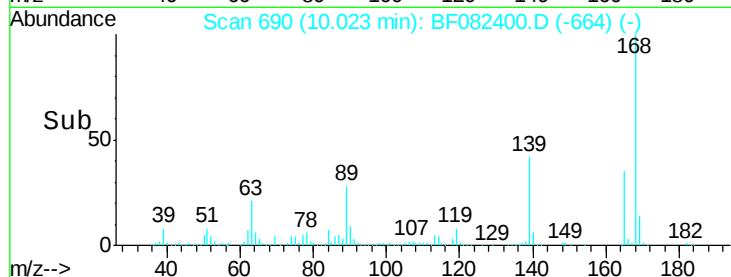


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.24 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

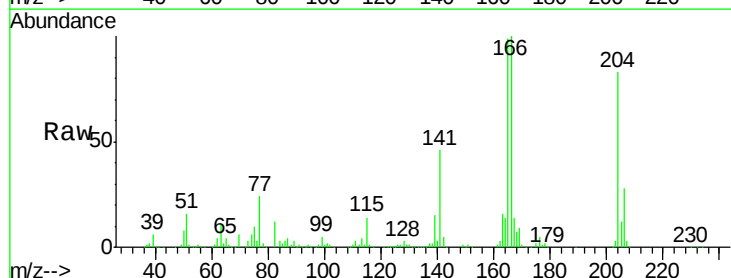
Tgt Ion:166 Resp: 714774

Ion Ratio Lower Upper

166 100

165 99.1 78.3 117.5

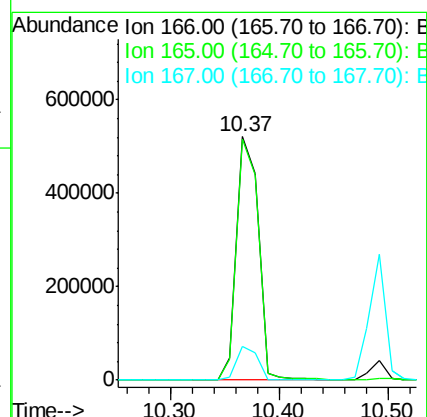
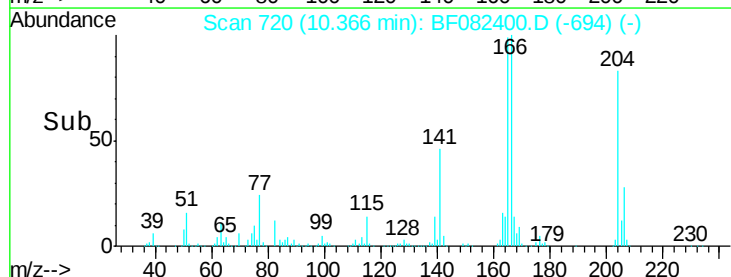
167 14.1 10.8 16.2

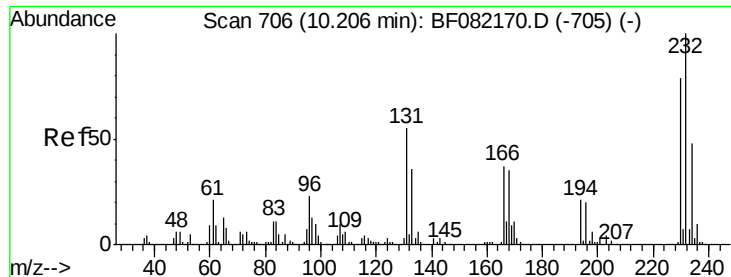


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

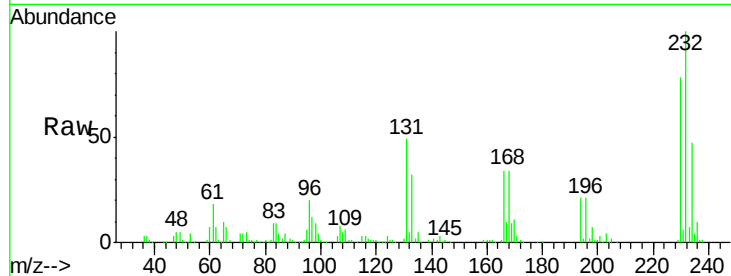




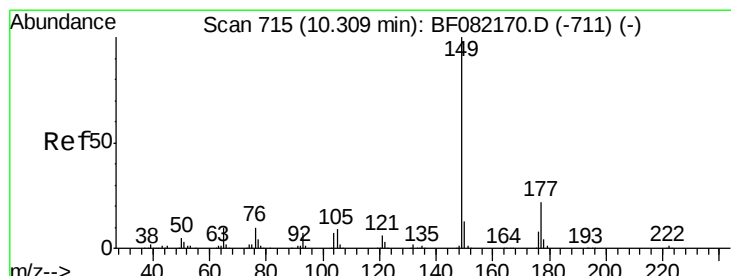
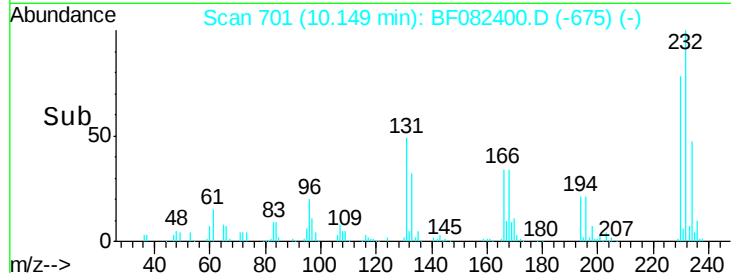
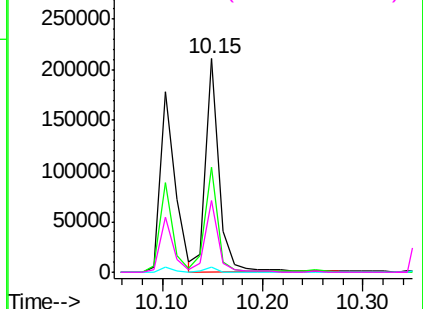
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.43 ng
 RT: 10.15 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 198462
 Ion Ratio Lower Upper
 232 100
 131 46.8 36.6 54.8
 130 2.2 1.5 2.3
 166 31.5 24.6 37.0

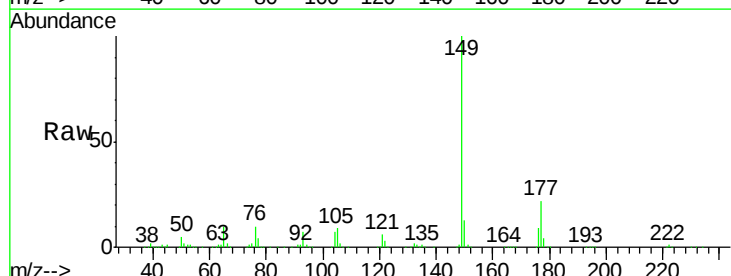


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

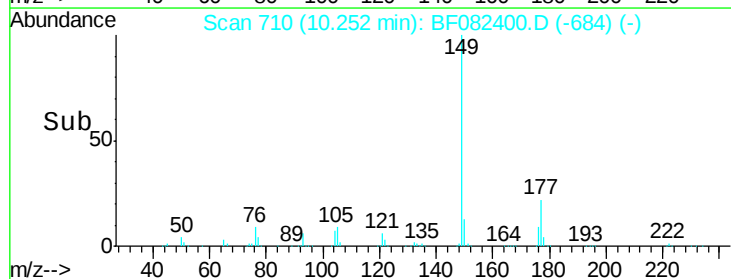
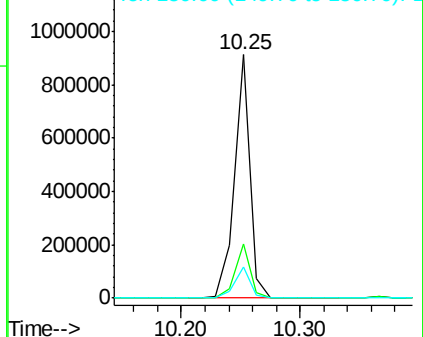


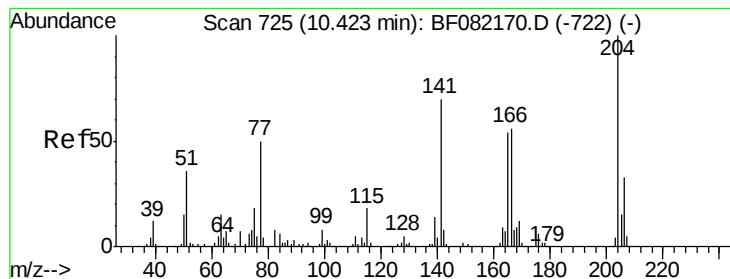
#59
 Diethylphthalate
 Concen: 40.26 ng
 RT: 10.25 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:149 Resp: 823333
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.6 26.4
 150 13.0 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: 43.10 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

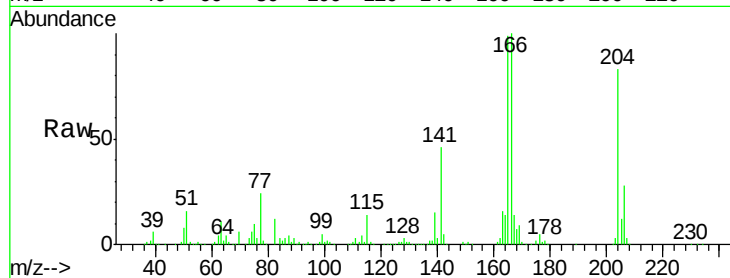
Tot Ion:204 Resp: 389403

Ion Ratio Lower Upper

204 100

206 34.2 26.8 40.2

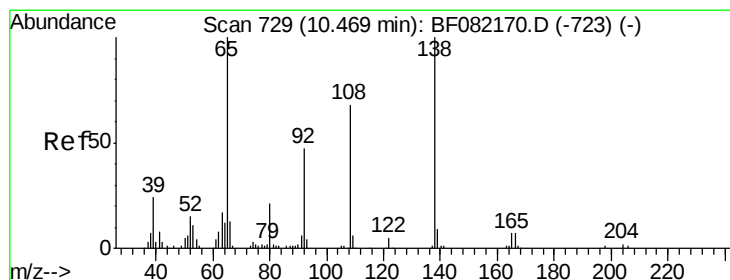
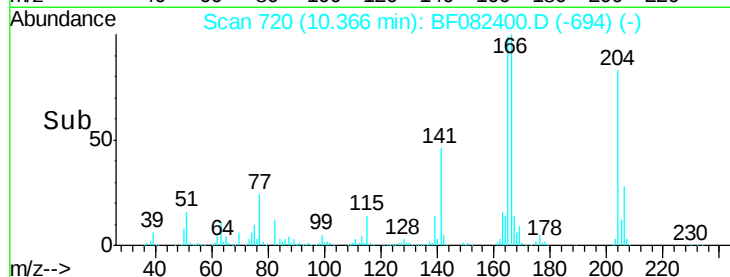
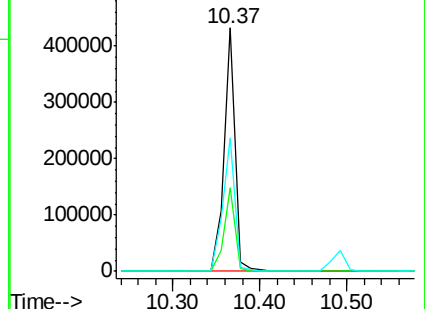
141 55.0 56.1 84.1#



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: 41.45 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

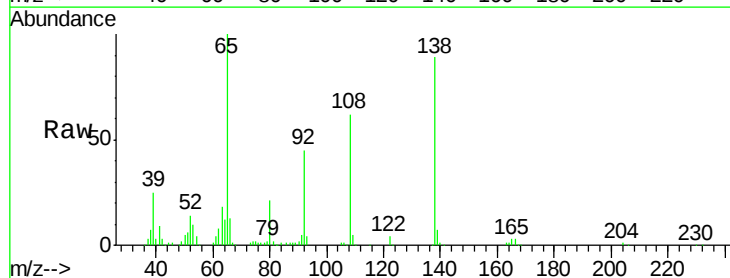
Tgt Ion:138 Resp: 210213

Ion Ratio Lower Upper

138 100

92 50.3 26.8 66.8

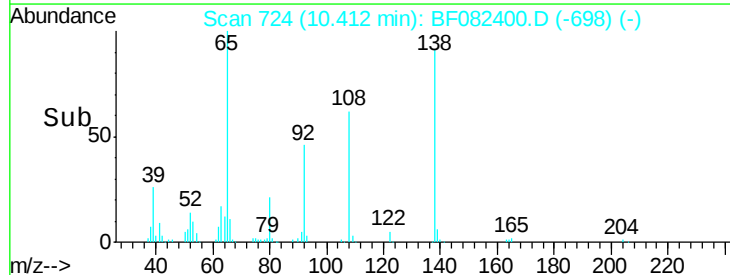
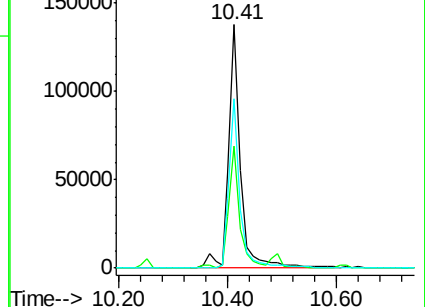
108 69.5 48.4 88.4

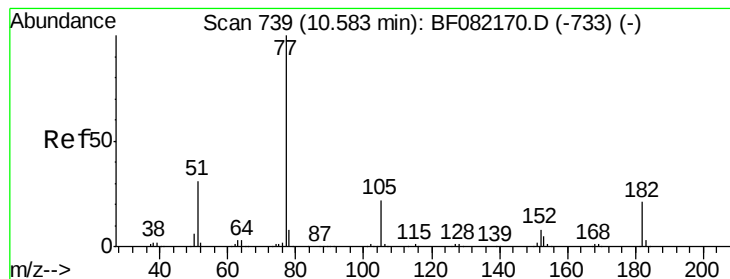


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 41.92 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 838944

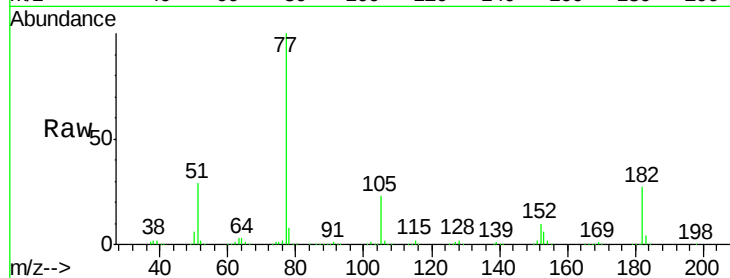
Ion Ratio Lower Upper

77 100

182 26.8 0.5 40.5

105 23.3 1.8 41.8

51 28.8 11.2 51.2

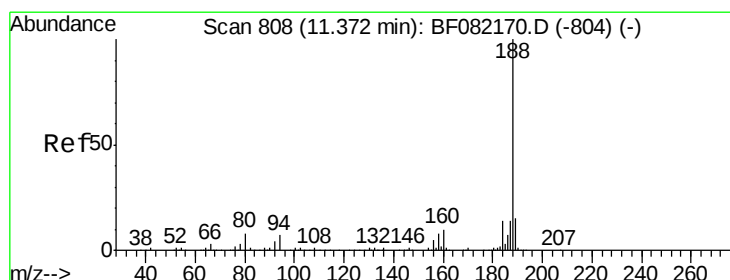
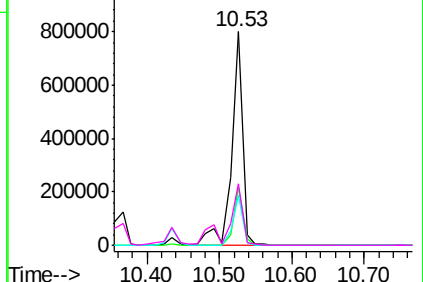
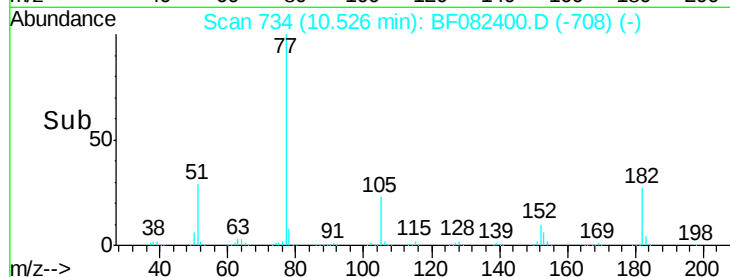


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

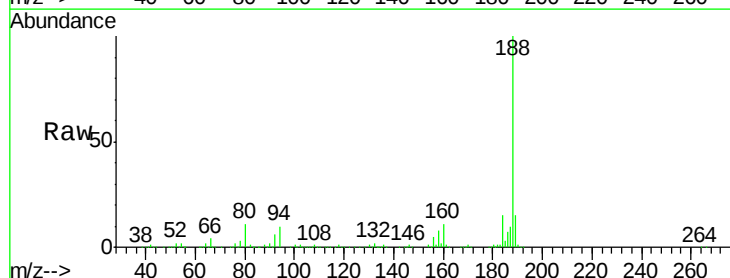
Tgt Ion: 188 Resp: 594689

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.6#

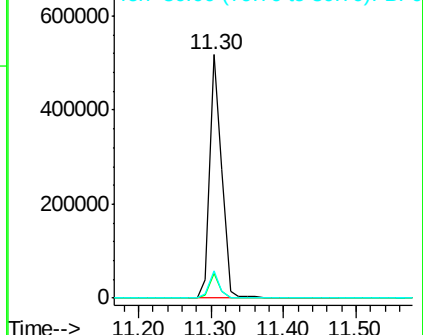
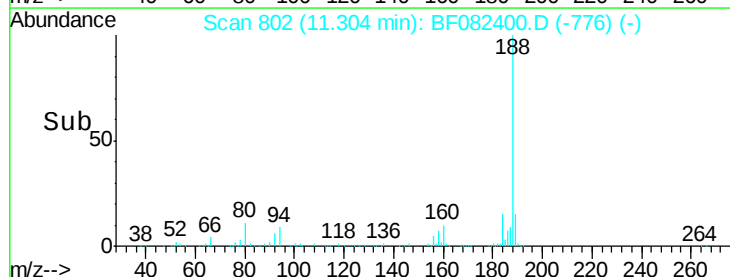
80 11.0 6.4 9.6#

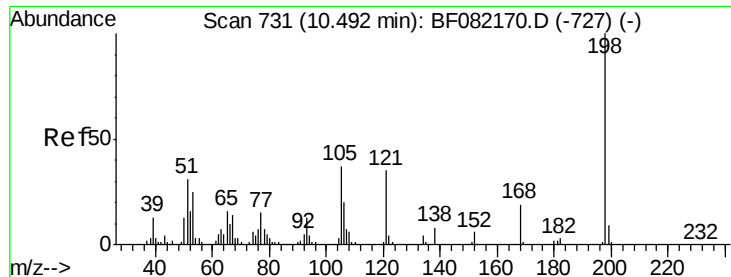


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 37.58 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

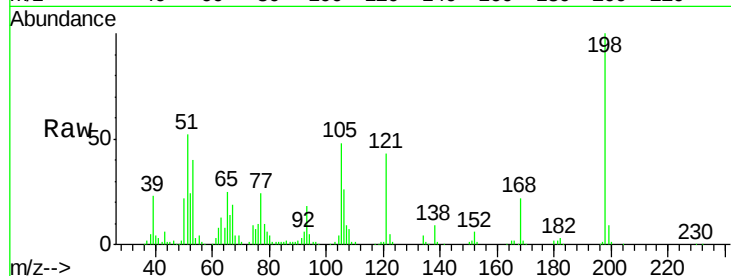
Tot Ion:198 Resp: 125406

Ion Ratio Lower Upper

198 100

51 52.0 13.6 53.6

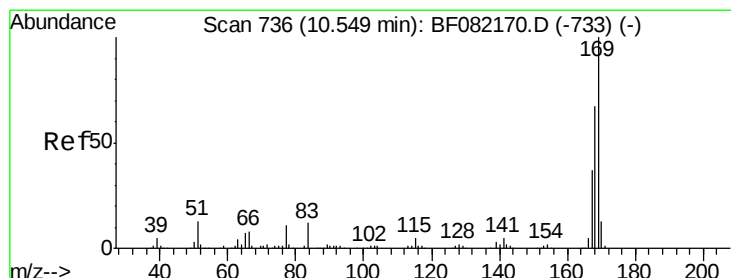
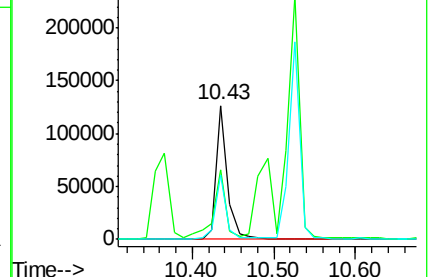
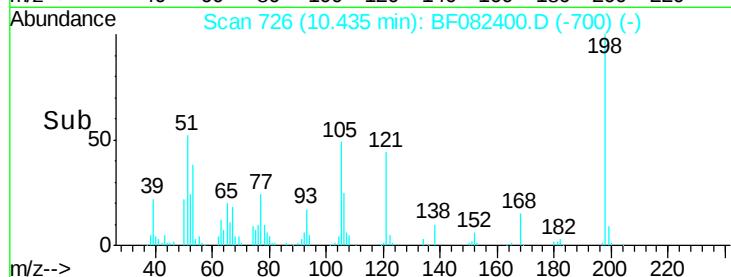
105 48.1 17.1 57.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.94 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

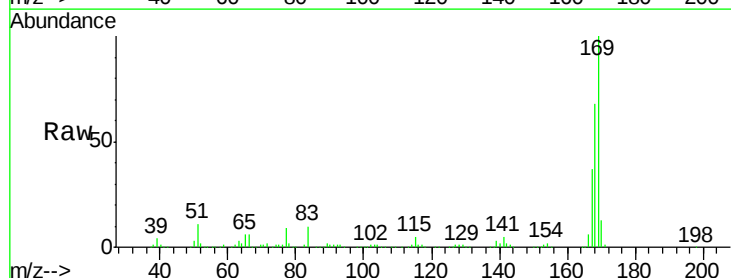
Tgt Ion:169 Resp: 746728

Ion Ratio Lower Upper

169 100

168 68.3 54.0 81.0

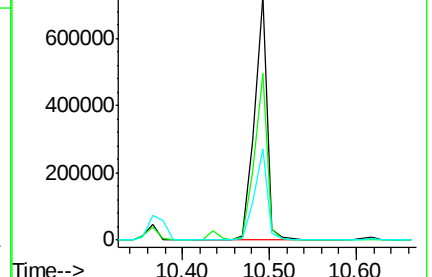
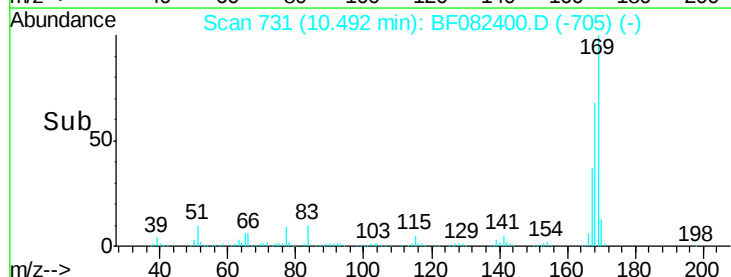
167 37.4 29.6 44.4

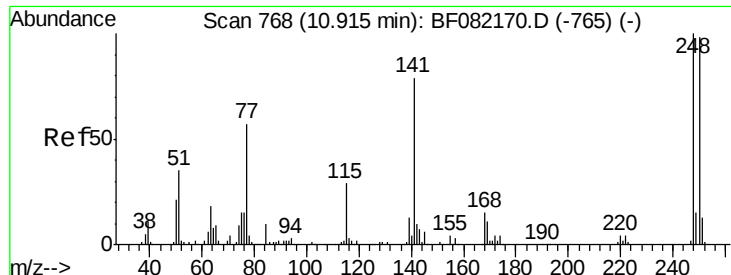


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

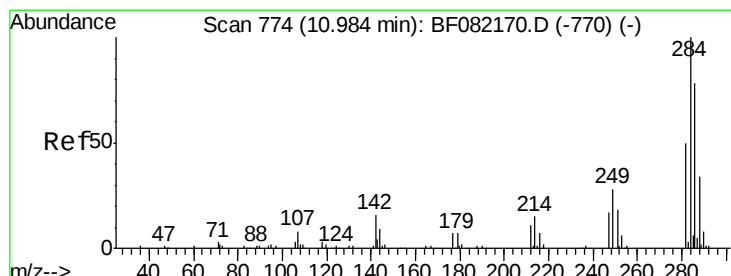
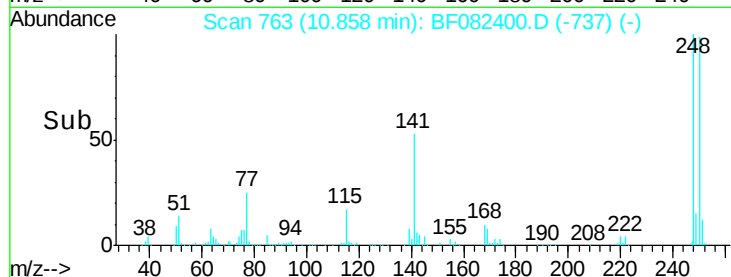
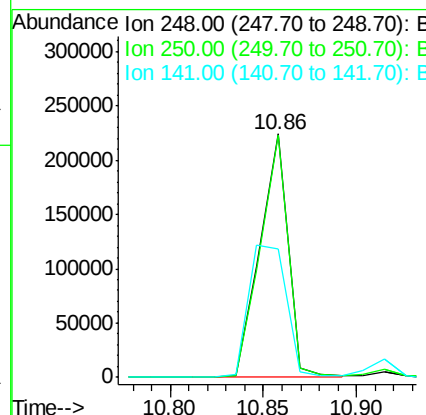
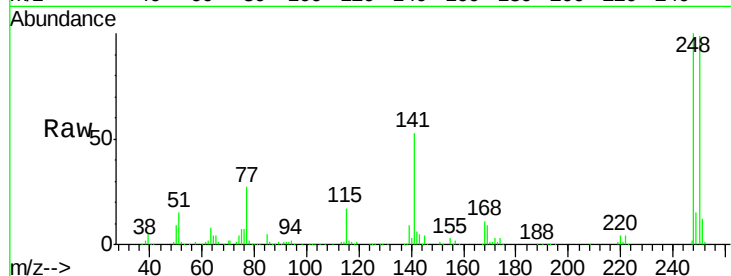




#66
4-Bromophenyl-phenylether
Concen: 39.32 ng
RT: 10.86 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

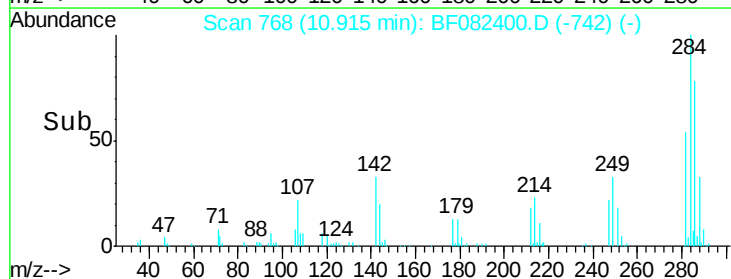
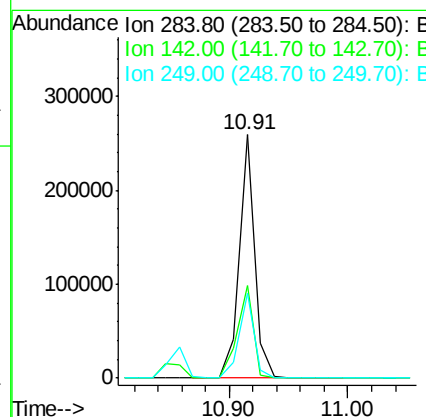
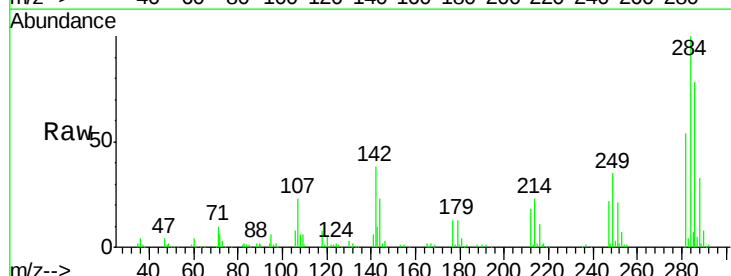
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

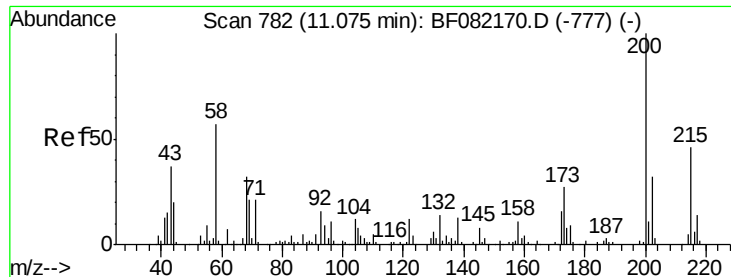
Tot Ion:248 Resp: 234031
Ion Ratio Lower Upper
248 100
250 99.5 78.6 117.8
141 52.9 63.3 94.9#



#67
Hexachlorobenzene
Concen: 36.31 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:284 Resp: 233690
Ion Ratio Lower Upper
284 100
142 37.8 13.0 19.6#
249 34.7 22.5 33.7#

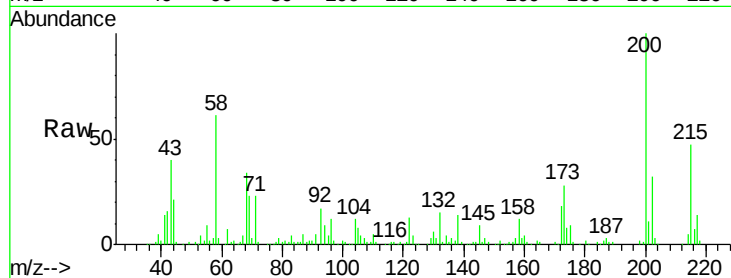




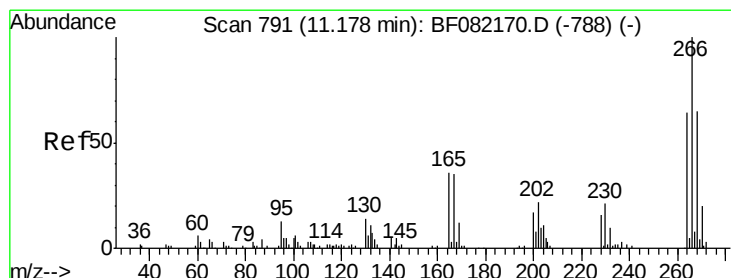
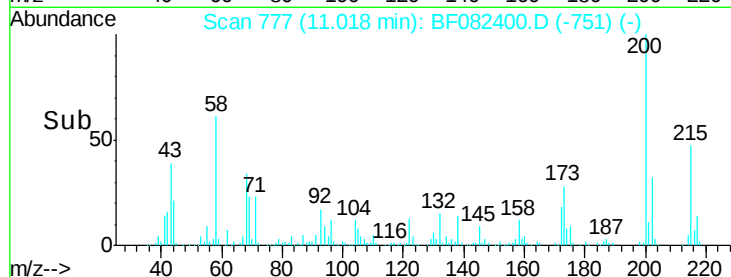
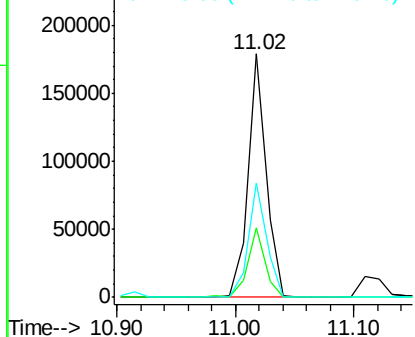
#68
Atrazine
Concen: 33.99 ng
RT: 11.02 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 191747
Ion Ratio Lower Upper
200 100
173 28.3 7.3 47.3
215 46.8 26.2 66.2

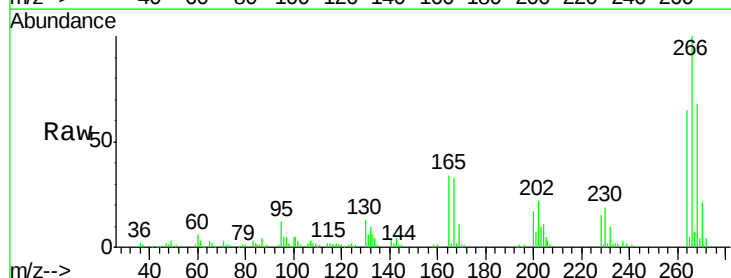


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

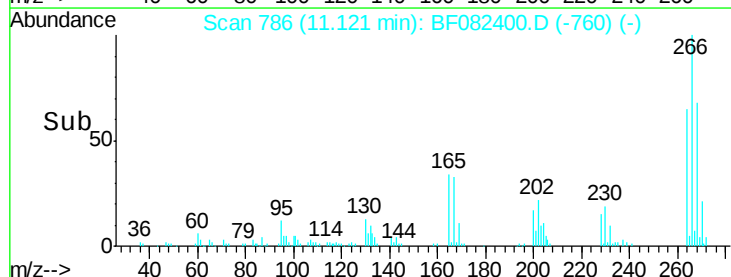
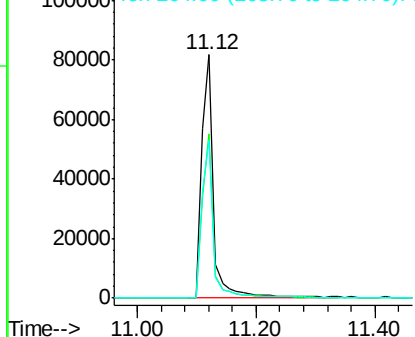


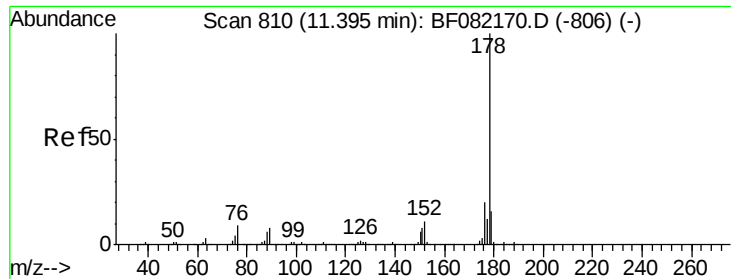
#69
Pentachlorophenol
Concen: 35.64 ng
RT: 11.12 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:266 Resp: 118031
Ion Ratio Lower Upper
266 100
268 67.5 52.0 78.0
264 64.8 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

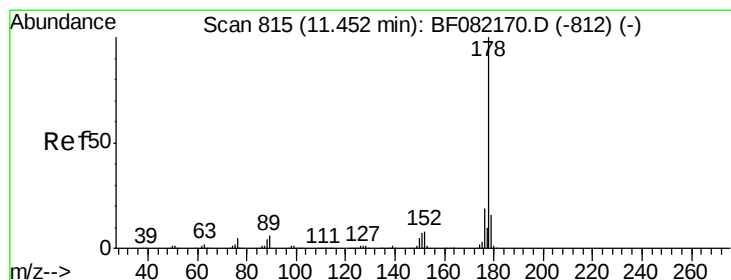
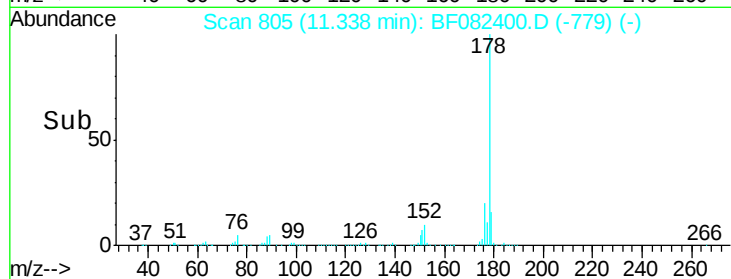
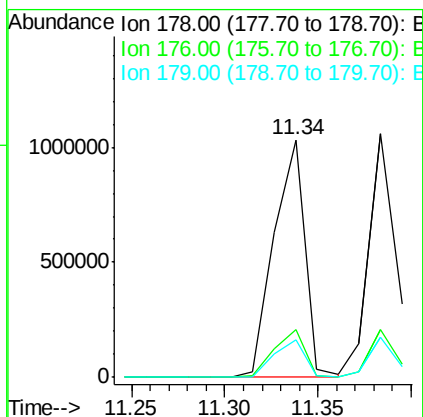
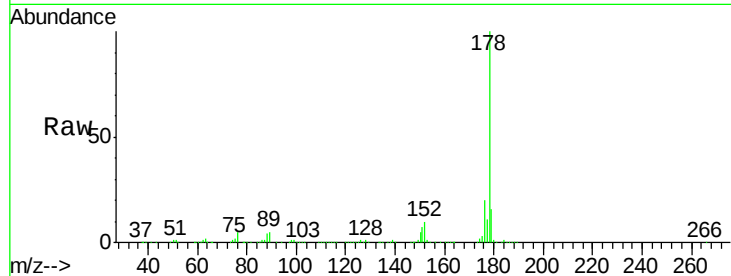




#70
Phenanthrene
Concen: 40.74 ng
RT: 11.34 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

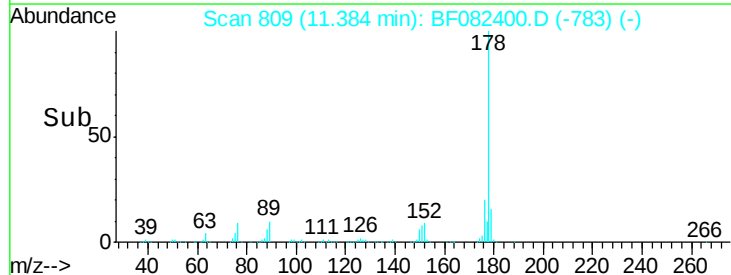
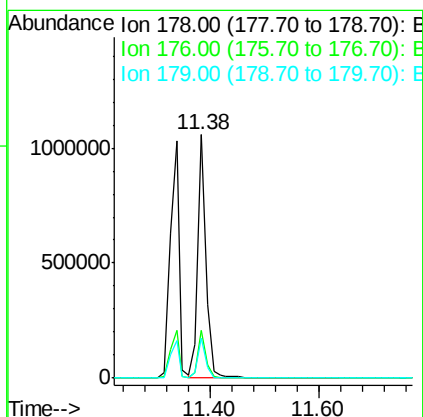
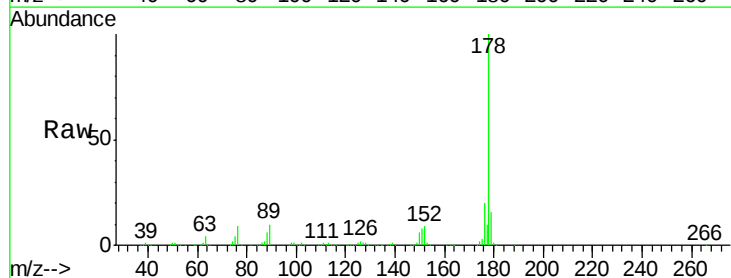
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

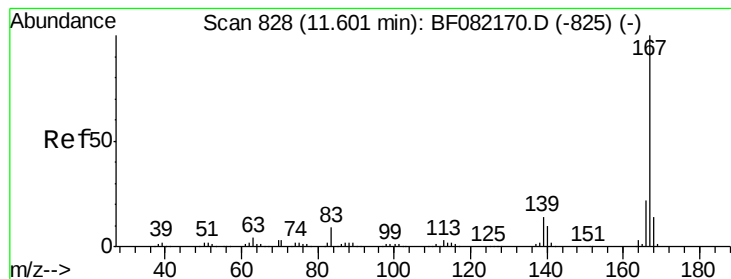
Tot Ion:178 Resp: 1187513
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.0 12.6 19.0



#71
Anthracene
Concen: 36.57 ng
RT: 11.38 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:178 Resp: 1098410
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.3 12.5 18.7





#72

Carbazole

Concen: 35.53 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

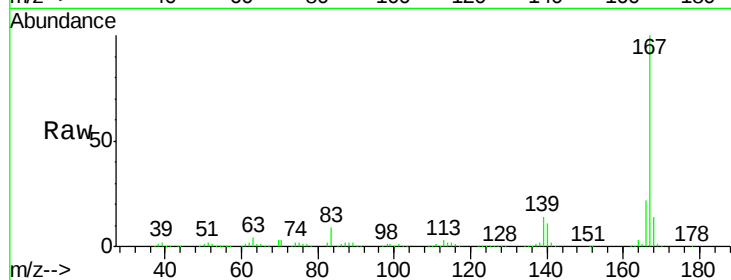
Tot Ion:167 Resp: 973653

Ion Ratio Lower Upper

167 100

166 22.4 17.3 25.9

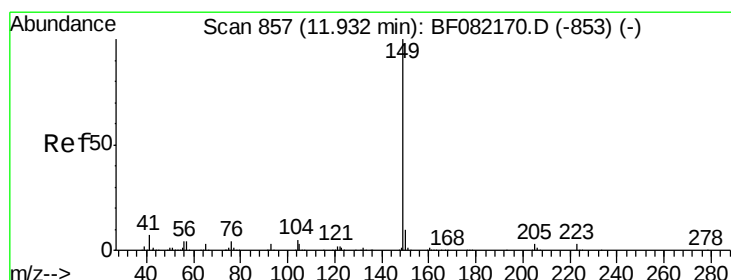
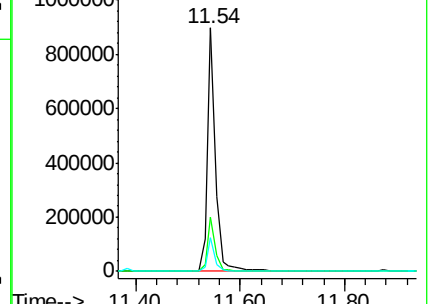
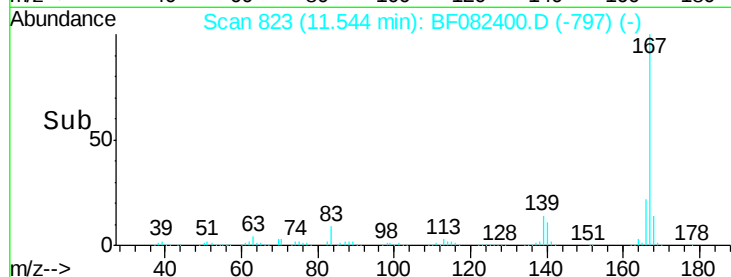
139 14.0 11.2 16.8



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: 40.01 ng

RT: 11.88 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

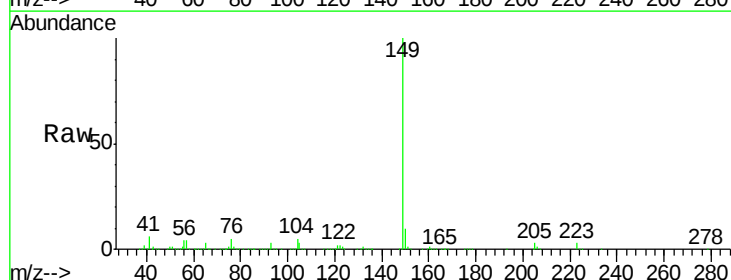
Tgt Ion:149 Resp: 1352311

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

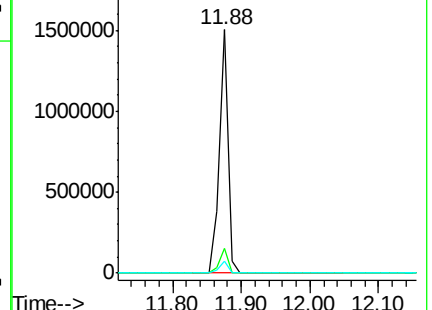
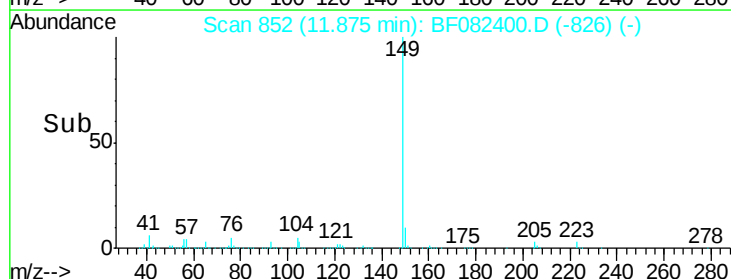
104 4.8 3.8 5.8

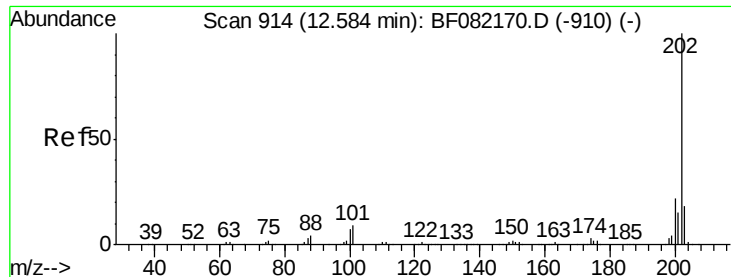


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

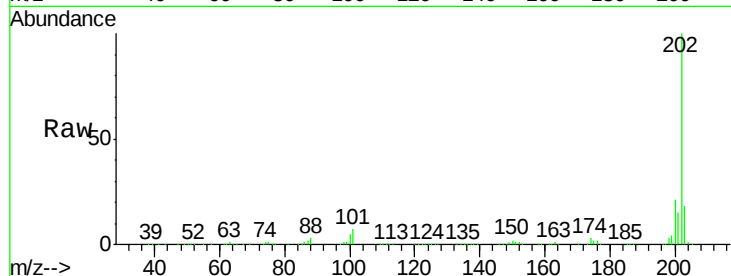




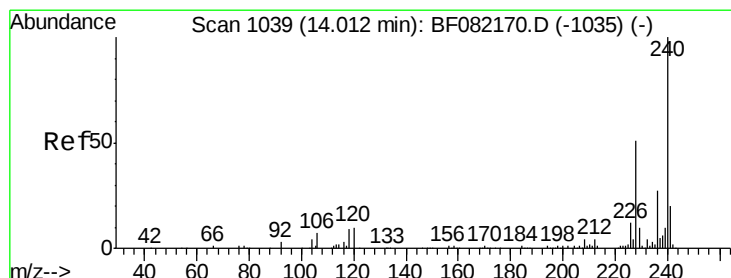
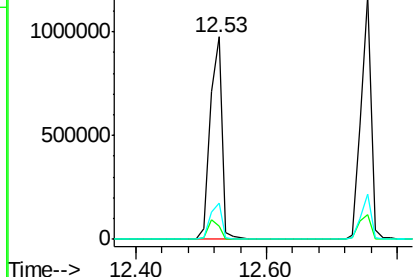
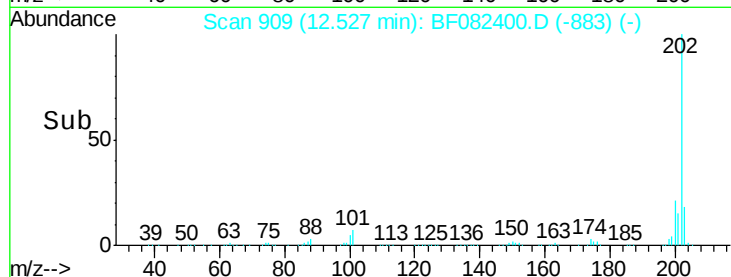
#74
 Fluoranthene
 Concen: 39.84 ng
 RT: 12.53 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1247345
 Ion Ratio Lower Upper
 202 100
 101 6.7 0.0 29.3
 203 17.9 0.0 37.8

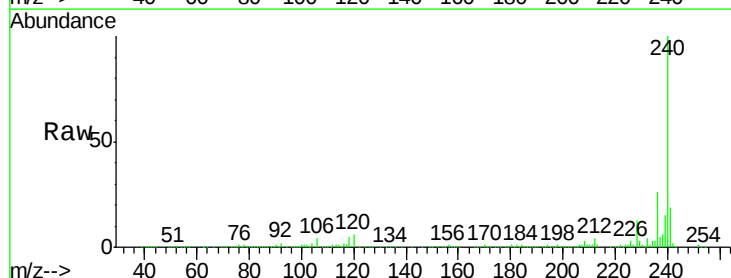


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

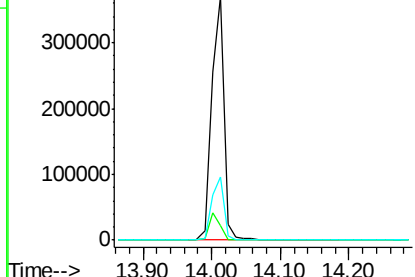
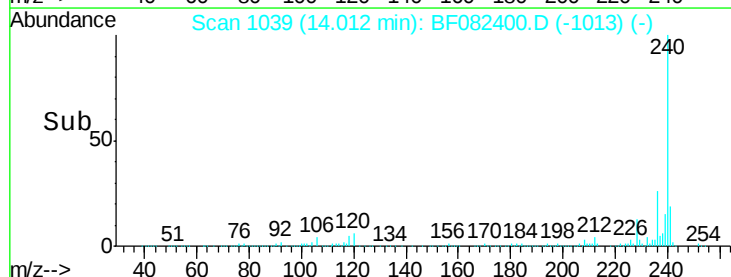


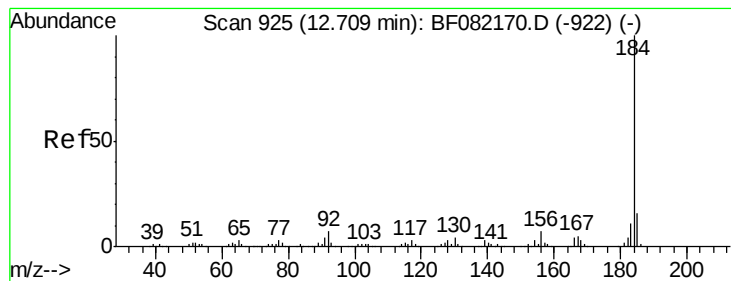
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:240 Resp: 467936
 Ion Ratio Lower Upper
 240 100
 120 5.9 8.1 12.1#
 236 25.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 39.01 ng

RT: 12.65 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

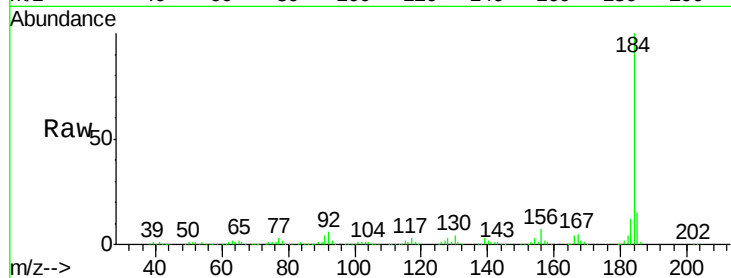
Tot Ion:184 Resp: 529053

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

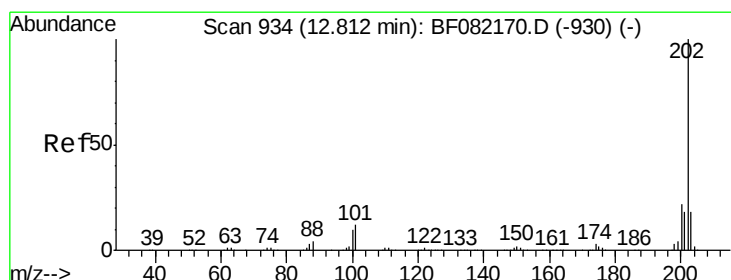
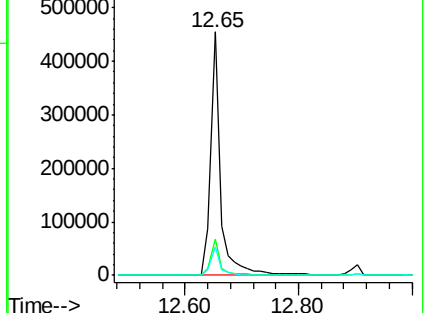
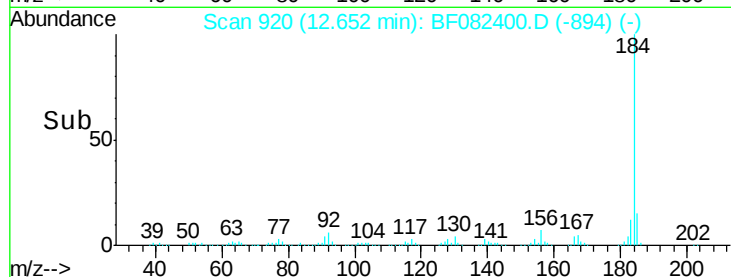
183 11.8 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 44.71 ng

RT: 12.76 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

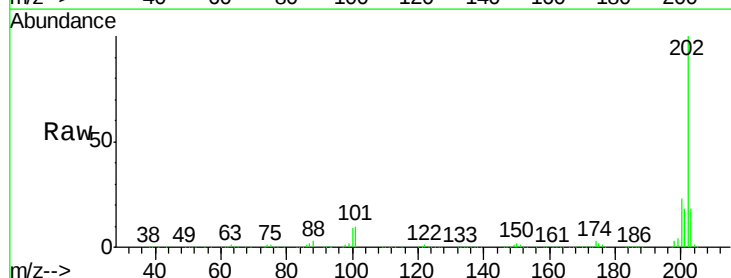
Tgt Ion:202 Resp: 1241576

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

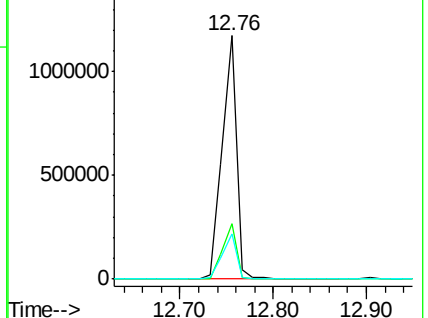
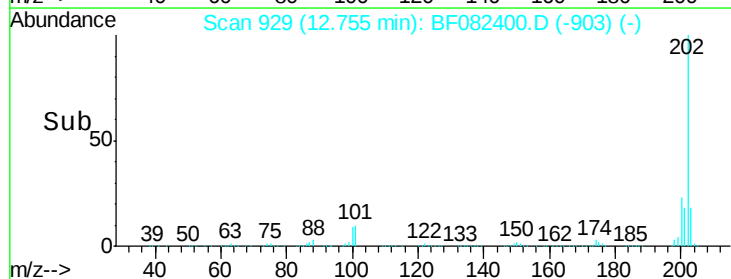
203 18.4 14.5 21.7

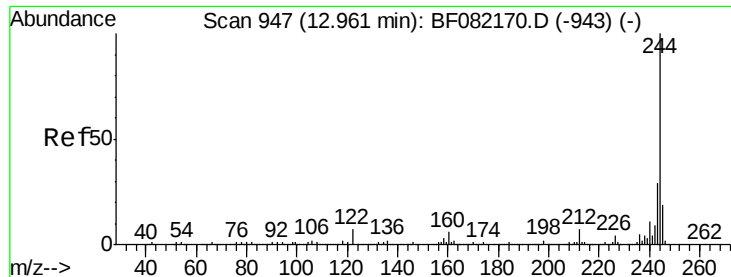


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.40 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

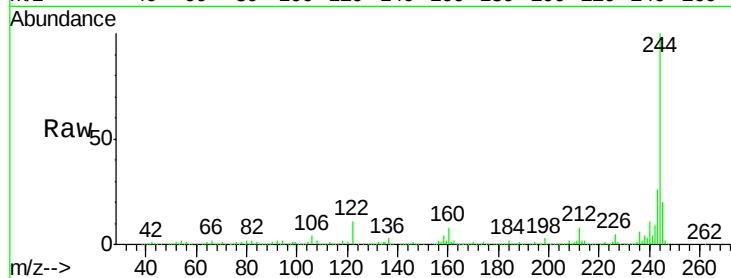
Tot Ion:244 Resp: 1384450

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

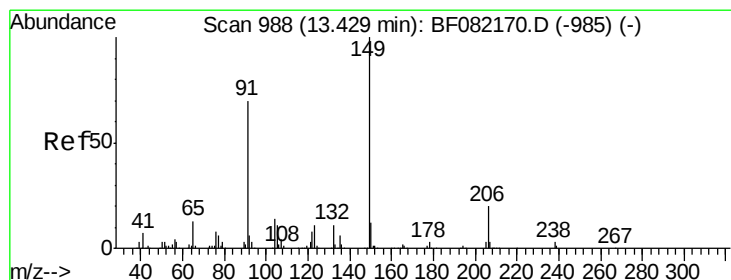
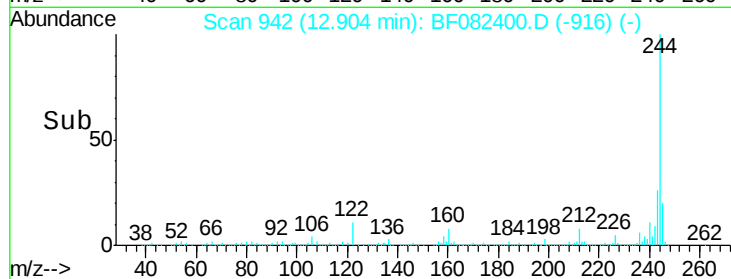
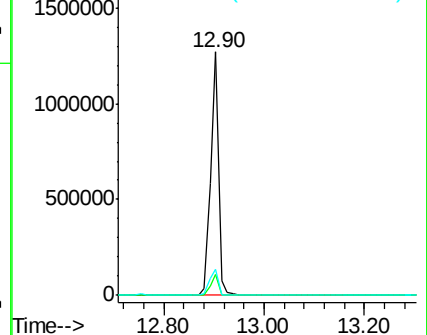
122 10.9 5.9 8.9#



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: 45.97 ng

RT: 13.40 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

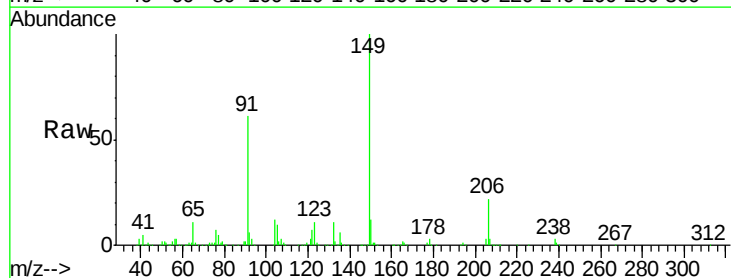
Tgt Ion:149 Resp: 582582

Ion Ratio Lower Upper

149 100

91 61.2 55.7 83.5

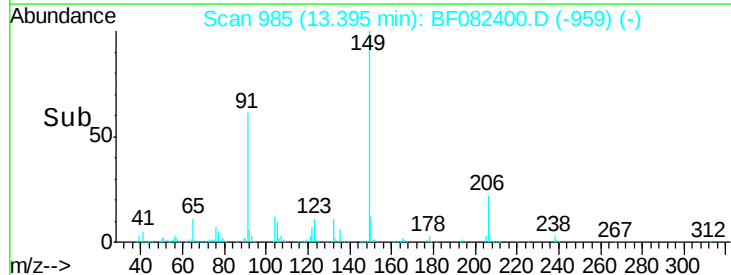
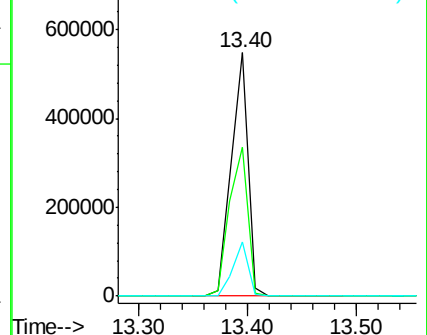
206 22.2 15.6 23.4

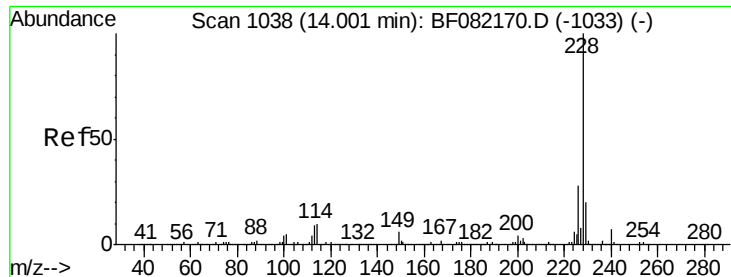


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.78 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

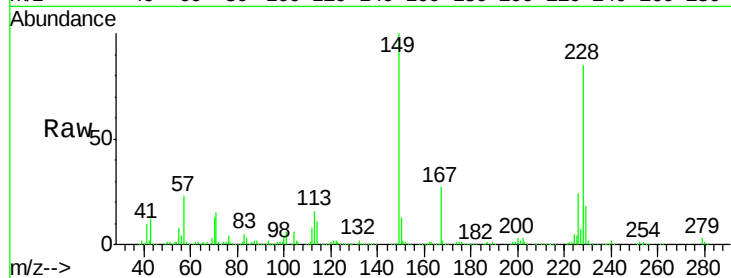
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 919865

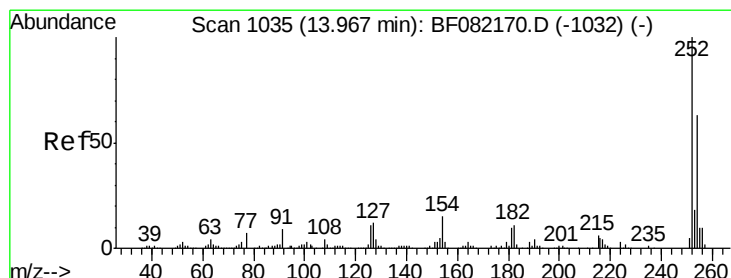
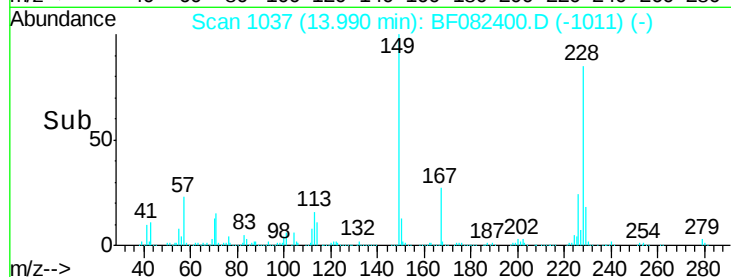
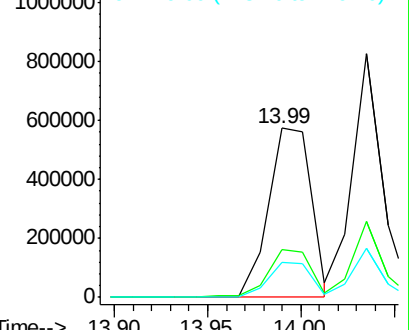
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.6	16.2	24.2



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: 41.73 ng

RT: 13.97 min Scan# 1035

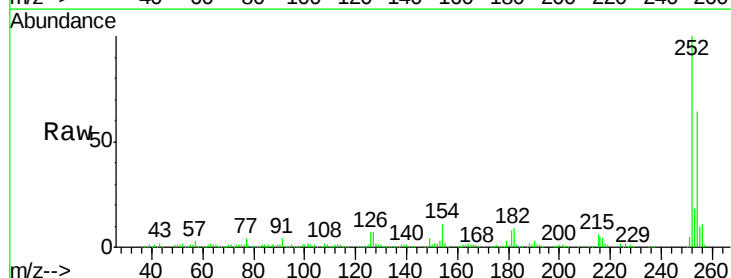
Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion:252 Resp: 385649

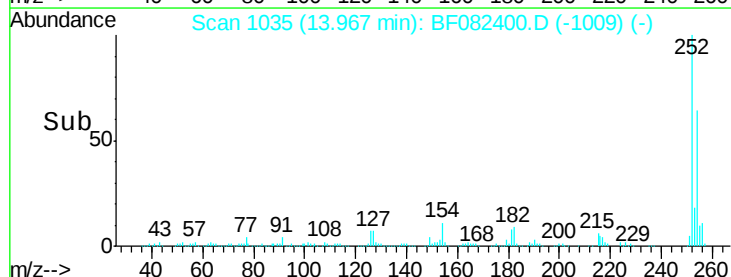
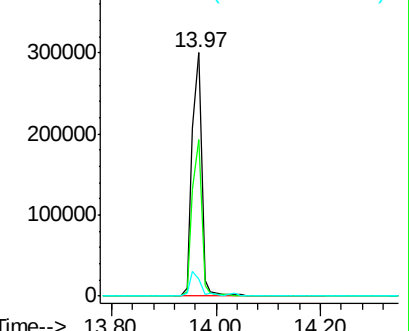
Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.7	76.1
126	7.0	9.0	13.6

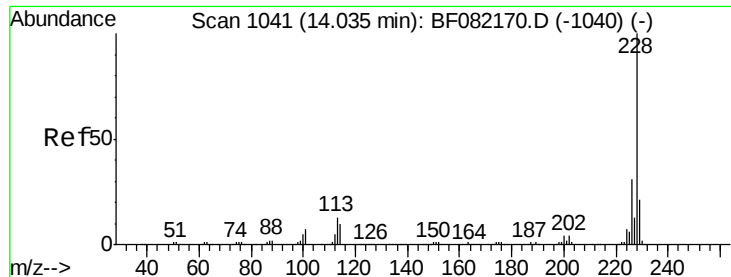


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.95 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

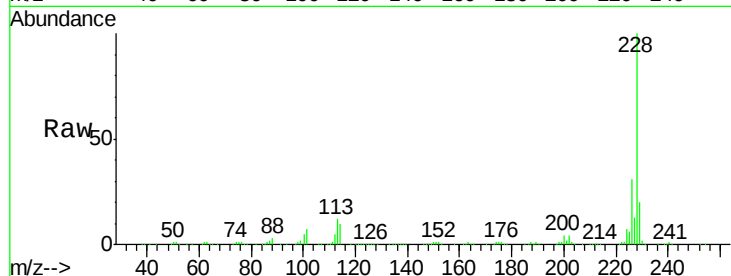
Tot Ion:228 Resp: 922374

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

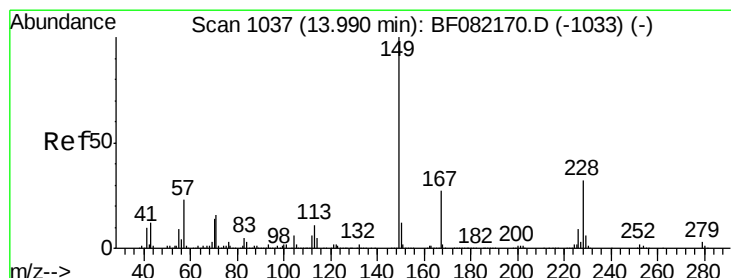
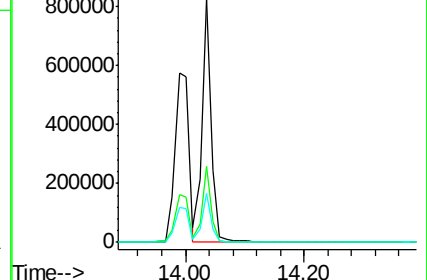
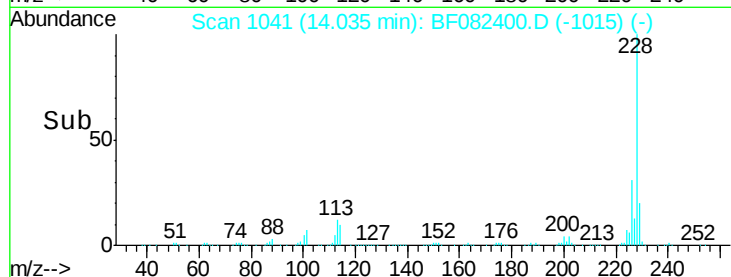
229 20.1 16.3 24.5



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: 40.87 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

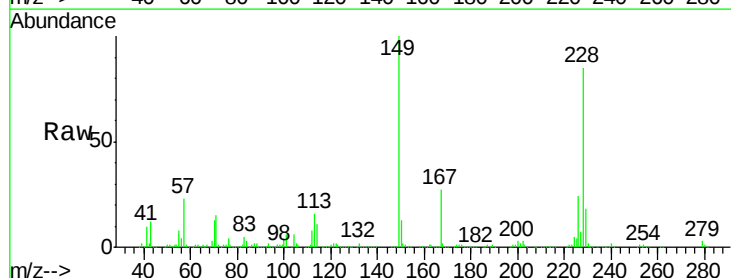
Tgt Ion:149 Resp: 738889

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

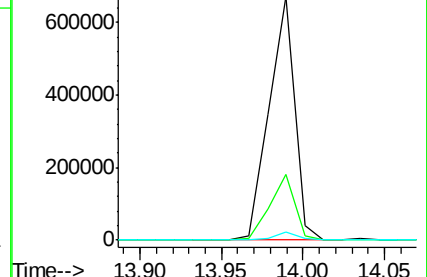
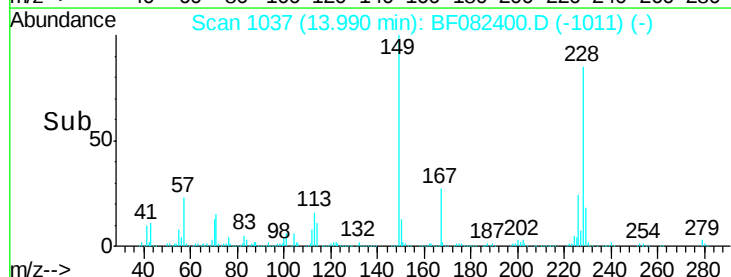
279 3.4 2.6 4.0

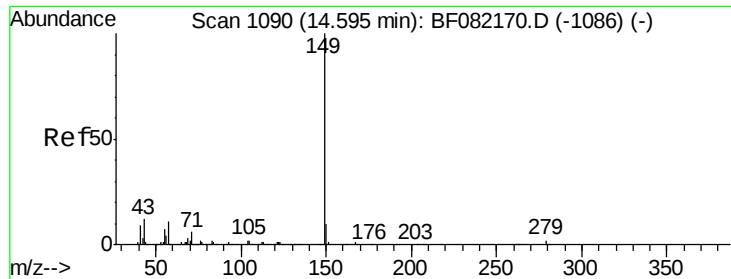


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.74 ng

RT: 14.68 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

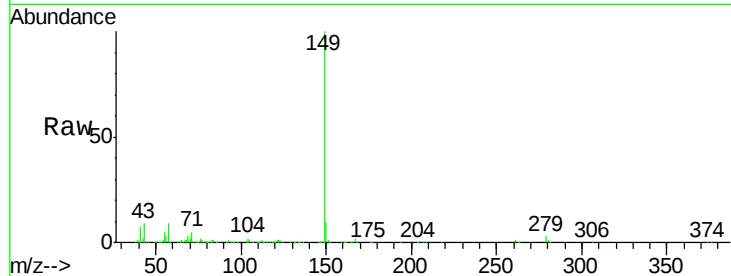
Tot Ion:149 Resp: 1202934

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

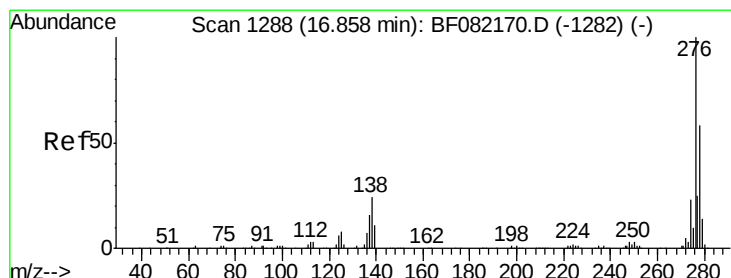
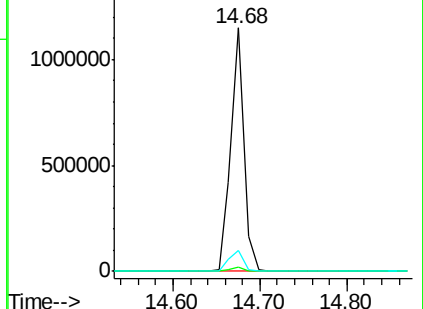
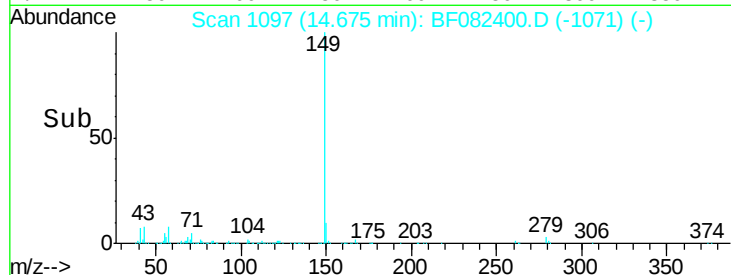
43 9.4 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.16 ng

RT: 16.95 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

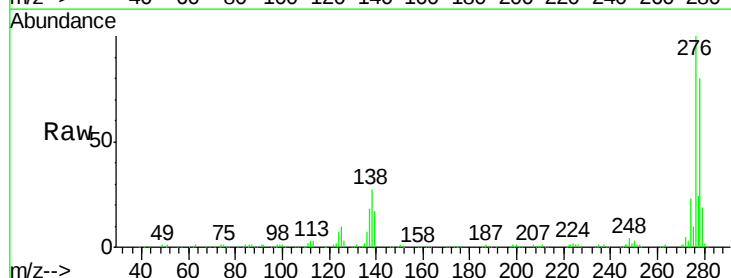
Tgt Ion:276 Resp: 737337

Ion Ratio Lower Upper

276 100

138 26.7 19.7 29.5

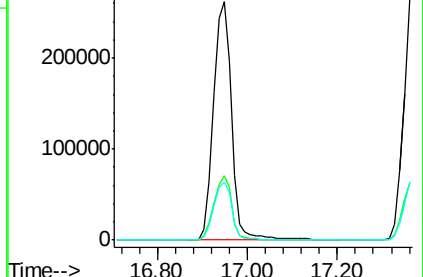
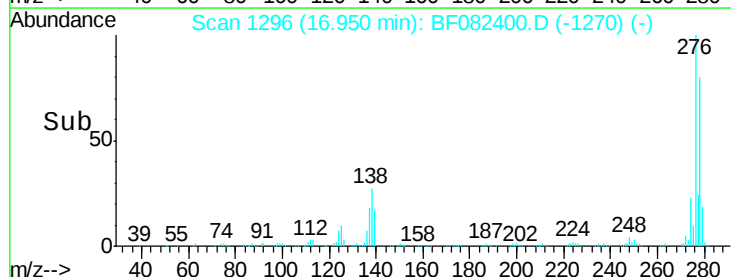
277 24.8 20.1 30.1

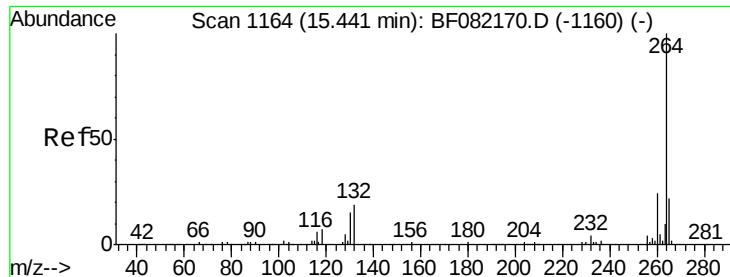


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



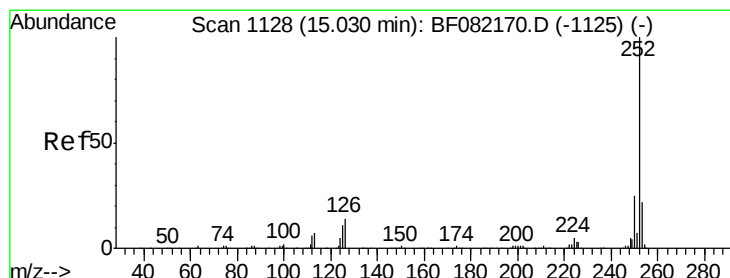
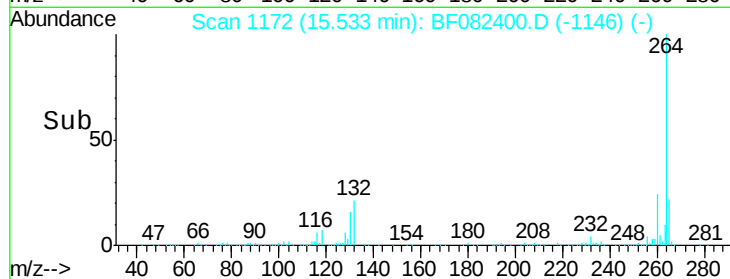
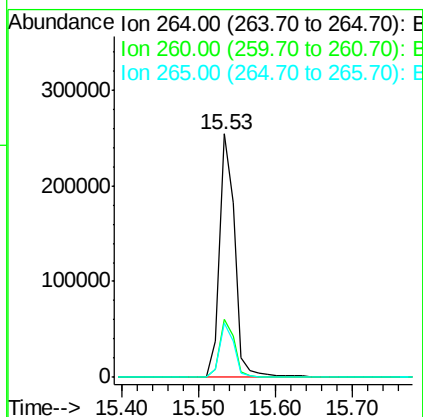
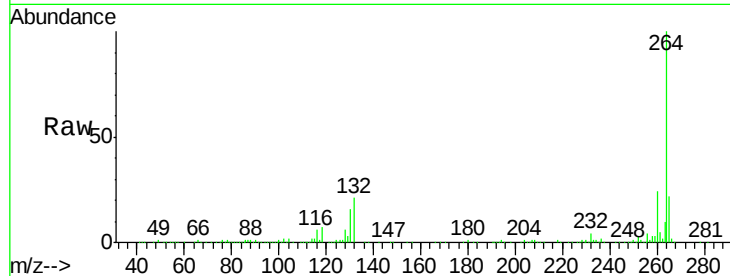


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 355198

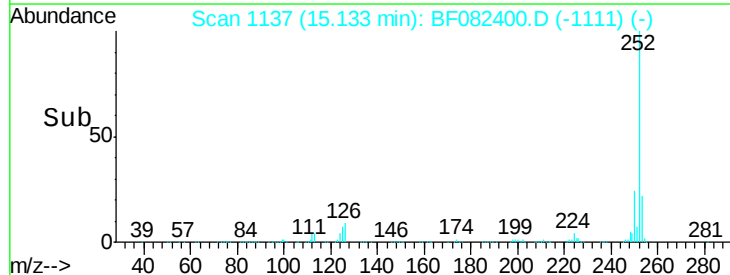
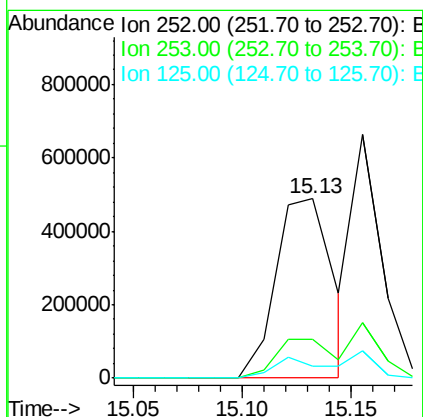
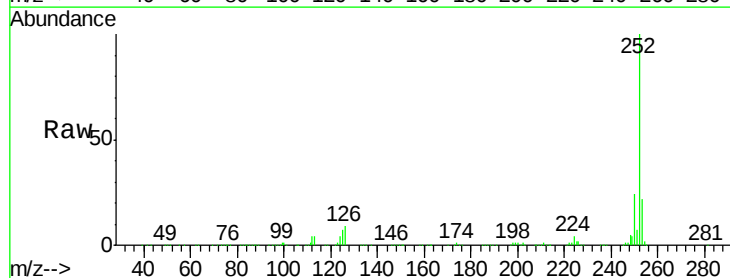
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.2	17.3	25.9

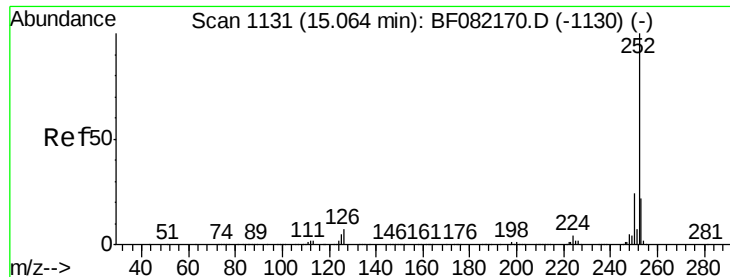


#87
Benzo(b)fluoranthene
Concen: 41.18 ng
RT: 15.13 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:252 Resp: 890006

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	6.7	8.6	12.8#

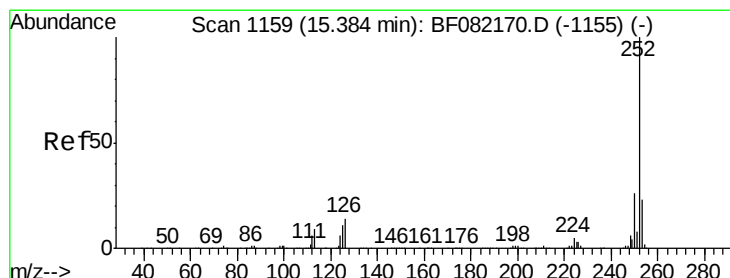
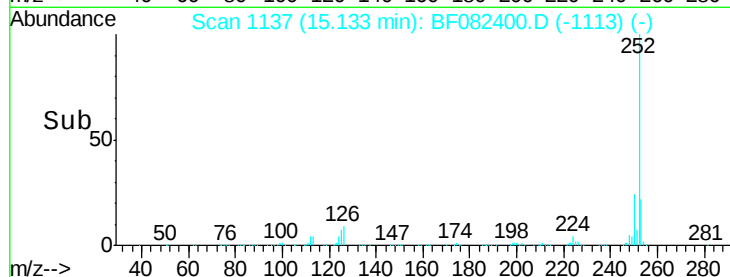
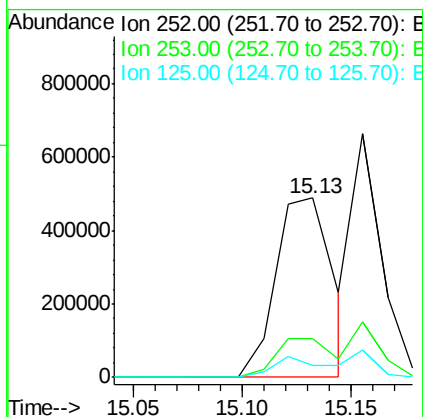
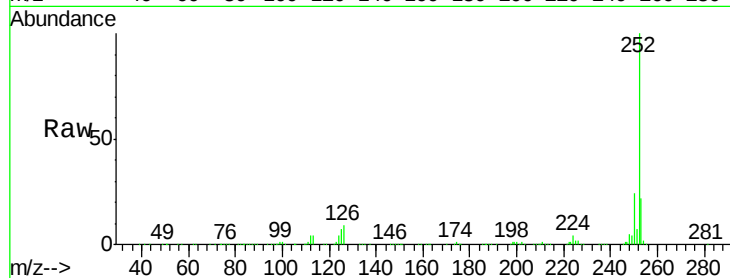




#88
Benzo(k)fluoranthene
Concen: 49.00 ng
RT: 15.13 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

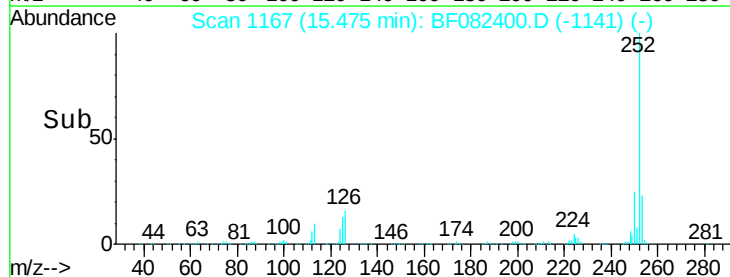
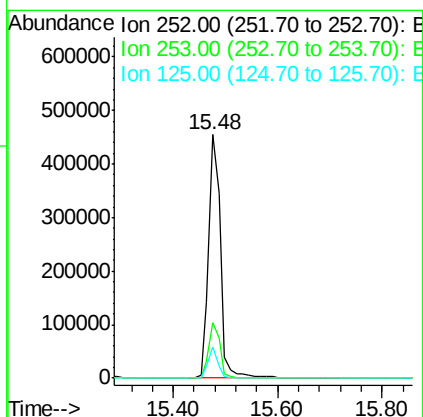
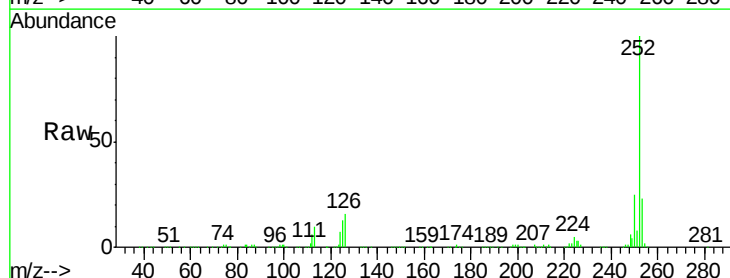
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

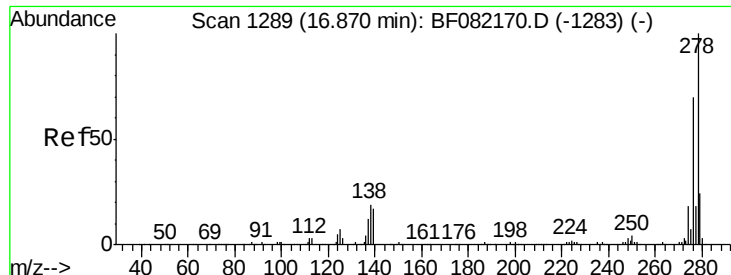
Tot Ion:252 Resp: 890006
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 6.7 6.7 10.1#



#89
Benzo(a)pyrene
Concen: 38.07 ng
RT: 15.48 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:252 Resp: 707106
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.8 8.9 13.3



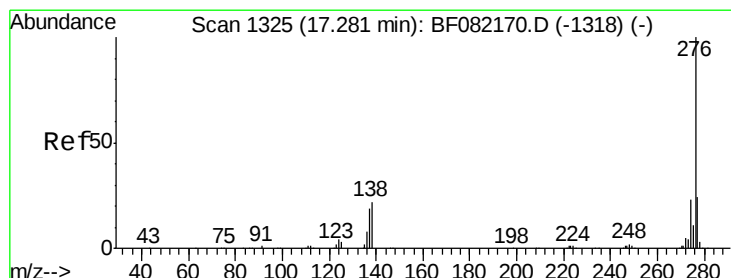
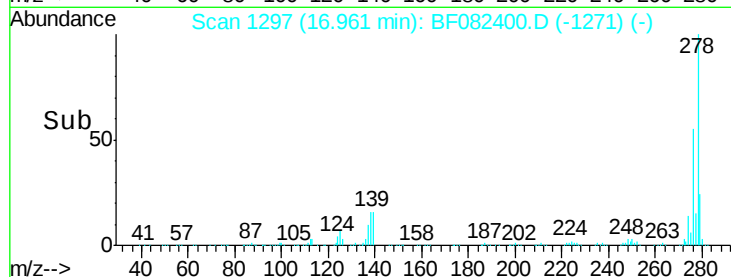
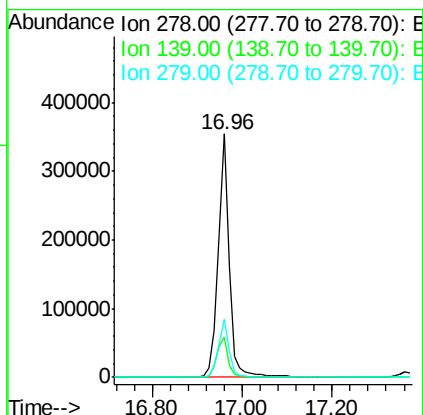
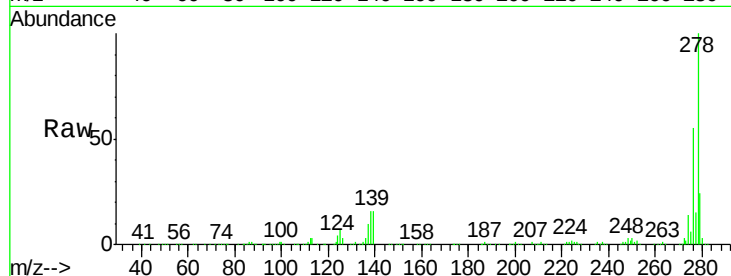


#90
Dibenzo(a,h)anthracene
Concen: 40.48 ng
RT: 16.96 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 616113

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	23.6	18.9	28.3



#91
Benzo(g,h,i)perylene
Concen: 40.77 ng
RT: 17.36 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:276 Resp: 602795

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.6	17.4	26.2

