

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082179.D
 Acq On : 10 Oct 2015 16:36
 Operator : UM/IZ
 Sample : PB86017BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Quant Time: Oct 12 01:59:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80486	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	329011	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	166930	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	312731	20.00	ng	0.00
75) Chrysene-d12	14.01	240	287309	20.00	ng	0.00
86) Perylene-d12	15.44	264	239591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	514297	128.96	ng	0.01
7) Phenol-d6	6.48	99	713797	137.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	433904	88.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	197673	126.27	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	942356	93.62	ng	0.00
78) Terphenyl-d14	12.96	244	1025008	94.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	68937	34.40	ng	97
3) Pyridine	3.21	79	191756	41.15	ng	100
4) n-Nitrosodimethylamine	3.18	42	78898	39.92	ng	97
6) Aniline	6.50	93	184806	27.62	ng	96
8) 2-Chlorophenol	6.63	128	213543	43.86	ng	99
9) Benzaldehyde	6.39	77	86053	32.47	ng	93
10) Phenol	6.49	94	282174	47.16	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	225252	44.52	ng	96
12) 1,3-Dichlorobenzene	6.78	146	242325	42.74	ng	99
13) 1,4-Dichlorobenzene	6.86	146	251165	42.42	ng	100
14) 1,2-Dichlorobenzene	7.01	146	232350	41.33	ng	97
15) Benzyl Alcohol	6.98	79	158936	44.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	296353	42.06	ng	99
17) 2-Methylphenol	7.10	107	168056	43.65	ng	100
18) Hexachloroethane	7.35	117	86561	42.71	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	144757	39.72	ng	# 88
20) 3+4-Methylphenols	7.26	107	212489	46.32	ng	94
22) Acetophenone	7.26	105	284664	43.74	ng	# 96
24) Nitrobenzene	7.43	77	223018	42.05	ng	94
25) Isophorone	7.67	82	417722	42.24	ng	98
26) 2-Nitrophenol	7.75	139	119347	45.07	ng	93
27) 2,4-Dimethylphenol	7.78	122	192343	45.09	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	248320	43.16	ng	99
29) 2,4-Dichlorophenol	7.99	162	203418	47.70	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	207974	42.31	ng	99
31) Naphthalene	8.15	128	638143	44.74	ng	100
32) Benzoic acid	7.92	122	125098	43.69	ng	98
33) 4-Chloroaniline	8.21	127	92484	15.61	ng	96
34) Hexachlorobutadiene	8.26	225	131848	43.05	ng	97
35) Caprolactam	8.57	113	39448	31.87	ng	# 77
36) 4-Chloro-3-methylphenol	8.69	107	193180	46.32	ng	99
37) 2-Methylnaphthalene	8.85	142	437619	44.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	209922	42.28	ng	98
40) Hexachlorocyclopentadiene	8.99	237	228532	89.82	ng	100

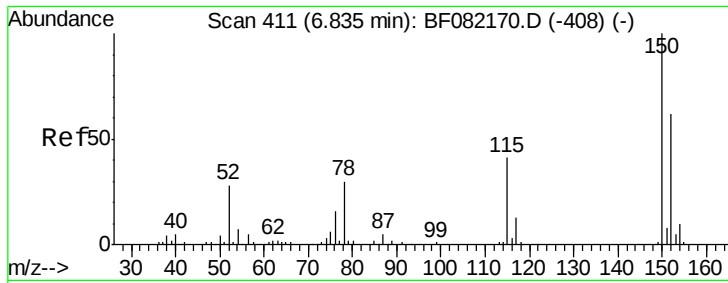
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082179.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137369	41.65	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	161891	45.32	ng	98
45) 1,1'-Biphenyl	9.30	154	514875	40.45	ng	98
46) 2-Chloronaphthalene	9.33	162	422596	42.17	ng	# 92
47) 2-Nitroaniline	9.43	65	116035	42.18	ng	99
48) Acenaphthylene	9.75	152	689058	44.14	ng	99
49) Dimethylphthalate	9.61	163	499728	42.51	ng	100
50) 2,6-Dinitrotoluene	9.68	165	115960	46.75	ng	# 85
51) Acenaphthene	9.92	154	403848	43.09	ng	99
52) 3-Nitroaniline	9.85	138	56579	20.20	ng	95
53) 2,4-Dinitrophenol	9.95	184	125590	89.77	ng	# 90
54) Dibenzofuran	10.09	168	601226	46.73	ng	99
55) 4-Nitrophenol	10.01	139	141997	75.17	ng	86
56) 2,4-Dinitrotoluene	10.08	165	144155	46.50	ng	98
57) Fluorene	10.43	166	480420	45.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	126337	43.28	ng	99
59) Diethylphthalate	10.31	149	476190	43.46	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	211954	43.79	ng	97
61) 4-Nitroaniline	10.47	138	114095	41.99	ng	96
62) Azobenzene	10.58	77	475622	44.35	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84236	48.00	ng	89
65) n-Nitrosodiphenylamine	10.55	169	418620	44.71	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	140387	44.86	ng	97
67) Hexachlorobenzene	10.98	284	149397	44.14	ng	98
68) Atrazine	11.07	200	119156	40.17	ng	98
69) Pentachlorophenol	11.18	266	172488	99.03	ng	97
70) Phenanthrene	11.39	178	675717	44.08	ng	100
71) Anthracene	11.45	178	747070	47.30	ng	100
72) Carbazole	11.60	167	626257	43.46	ng	100
73) Di-n-butylphthalate	11.93	149	801217	45.07	ng	100
74) Fluoranthene	12.58	202	760943	46.22	ng	100
76) Benzidine	12.71	184	162473	19.51	ng	99
77) Pyrene	12.81	202	766844	44.97	ng	99
79) Butylbenzylphthalate	13.43	149	338344	43.48	ng	99
80) Benzo(a)anthracene	14.00	228	681038	45.56	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	178728	31.50	ng	99
82) Chrysene	14.04	228	597182	37.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	496290	44.71	ng	99
84) Di-n-octyl phthalate	14.60	149	800437	41.98	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	562062	44.89	ng	99
87) Benzo(b)fluoranthene	15.06	252	1229977	84.38	ng	# 98
88) Benzo(k)fluoranthene	15.06	252	1232669	100.61	ng	100
89) Benzo(a)pyrene	15.38	252	574785	45.88	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	472192	46.00	ng	99
91) Benzo(g,h,i)perylene	17.28	276	453075	45.43	ng	99

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

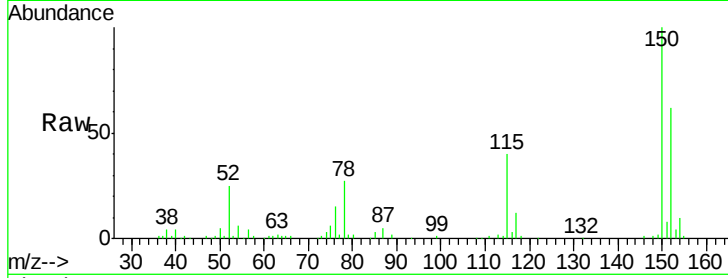


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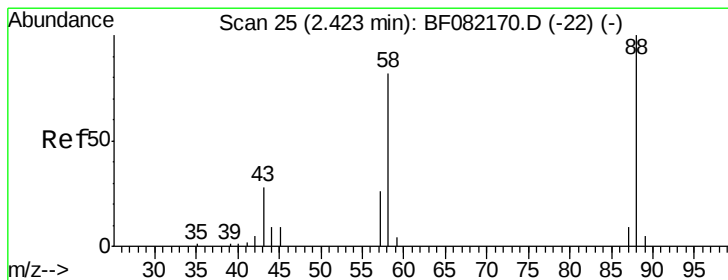
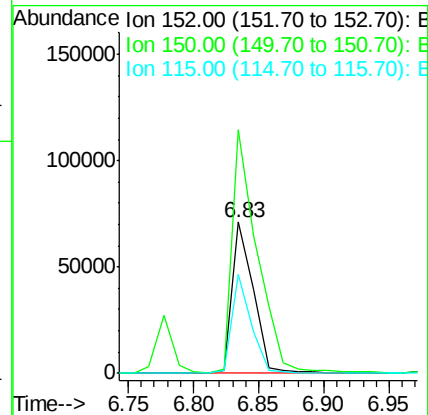
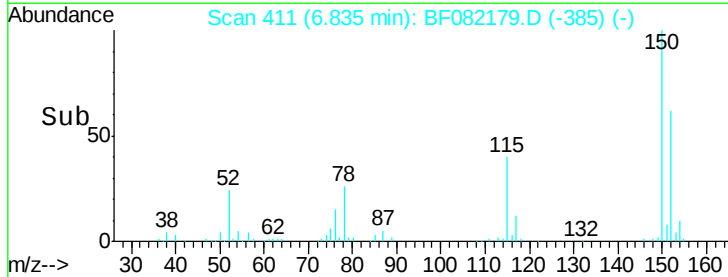
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion:152 Resp: 80486
Ion Ratio Lower Upper
152 100
150 160.9 129.0 193.4
115 65.1 52.1 78.1



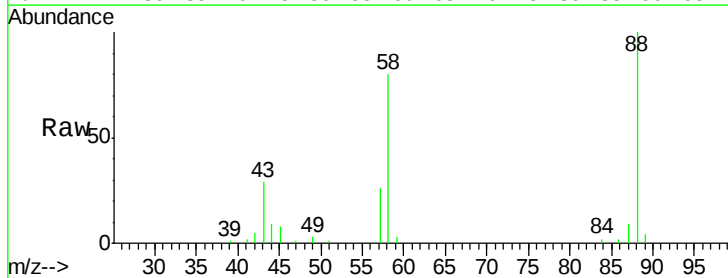
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



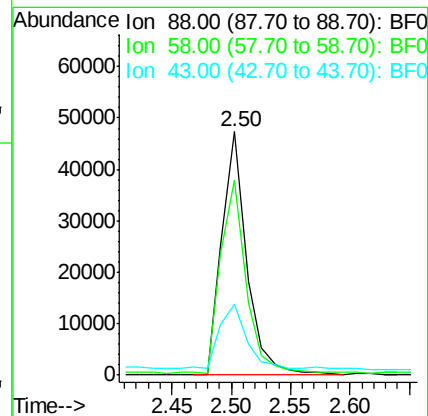
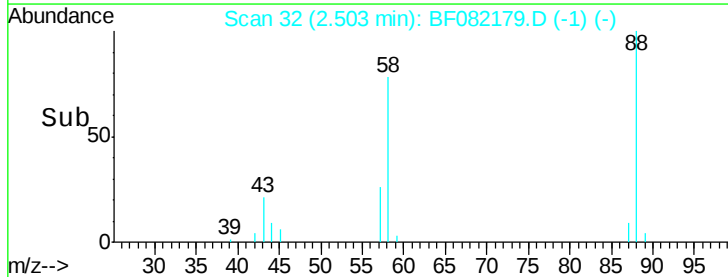
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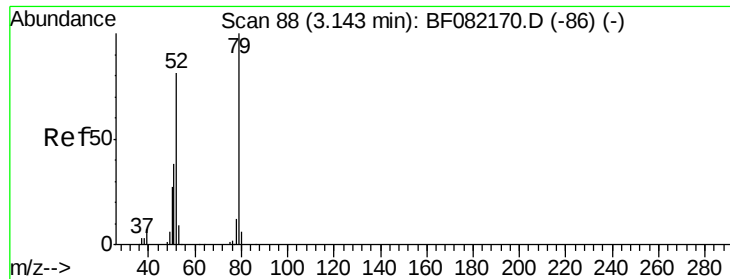
1,4-Dioxane
Concen: 34.40 ng
RT: 2.50 min Scan# 32
Delta R.T. 0.08 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion: 88 Resp: 68937
Ion Ratio Lower Upper
88 100
58 81.6 66.2 99.4
43 33.0 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

Pyridine

Concen: 41.15 ng

RT: 3.21 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

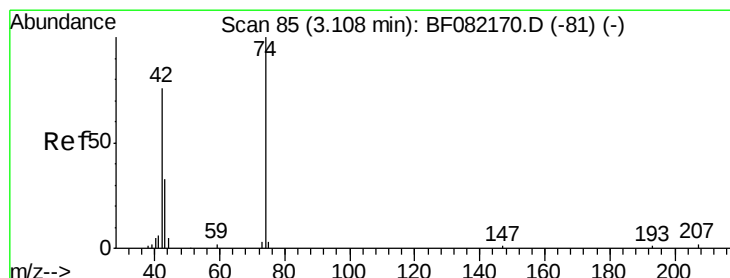
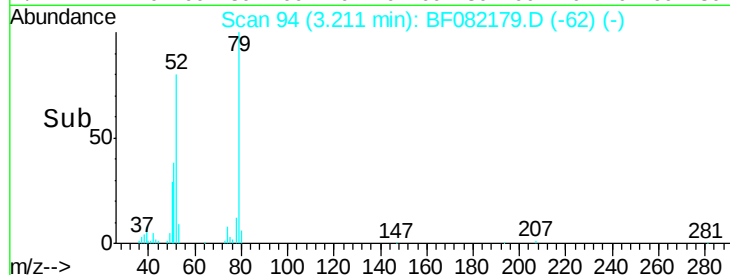
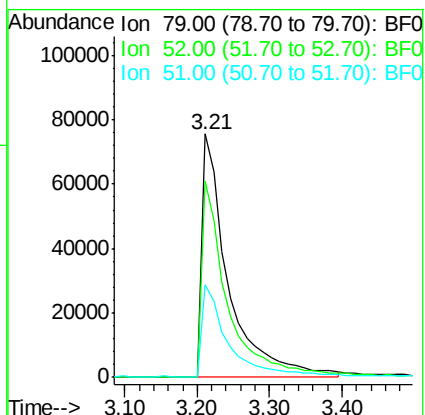
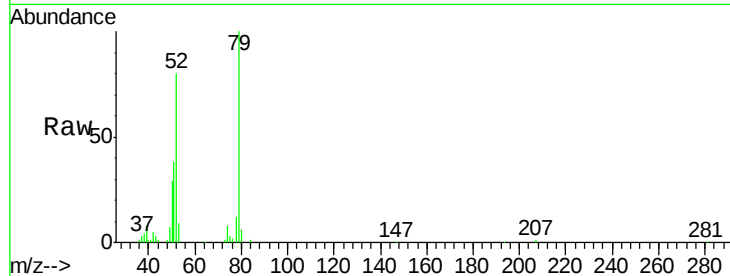
Tgt Ion: 79 Resp: 191756

Ion Ratio Lower Upper

79 100

52 80.4 64.4 96.6

51 37.9 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 39.92 ng

RT: 3.18 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

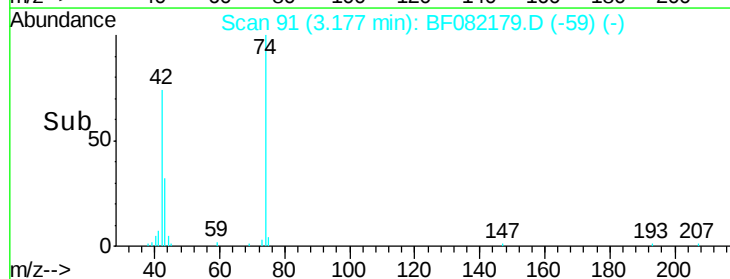
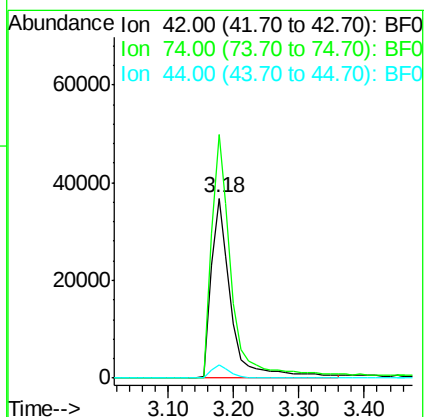
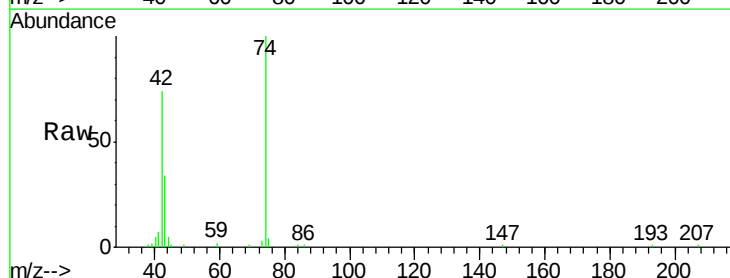
Tgt Ion: 42 Resp: 78898

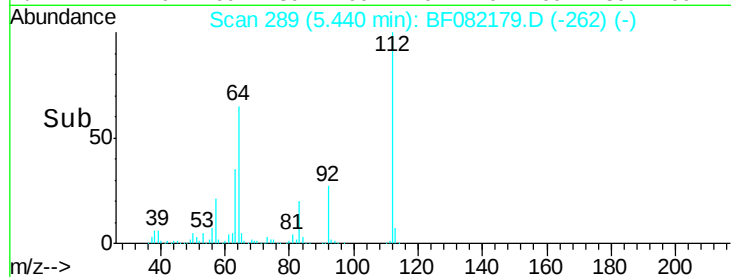
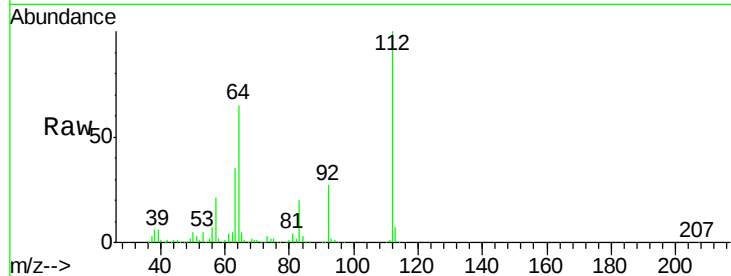
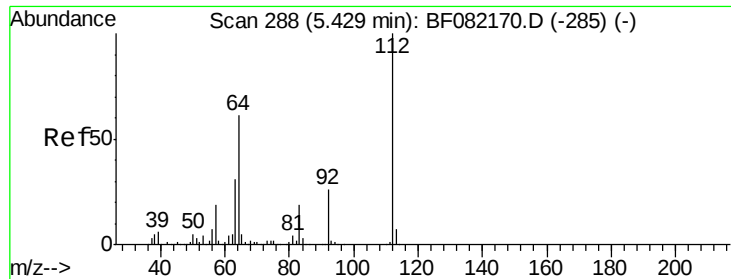
Ion Ratio Lower Upper

42 100

74 135.4 105.7 158.5

44 7.3 5.4 8.2





#5

2-Fluorophenol

Concen: 128.96 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

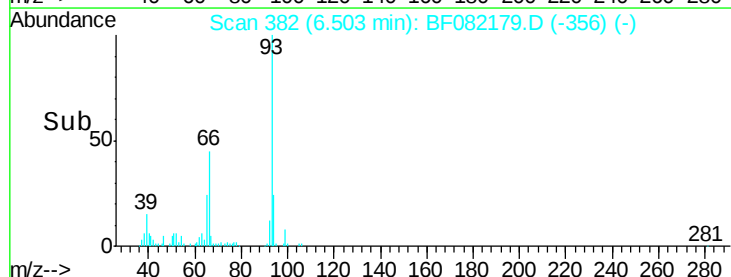
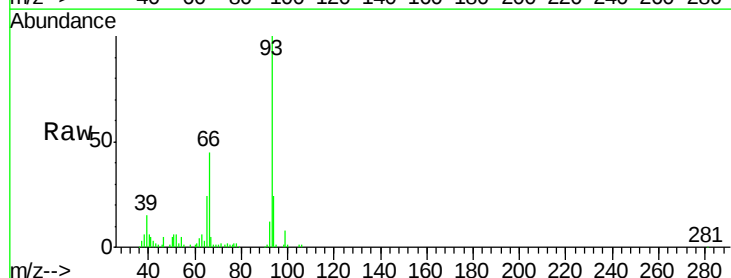
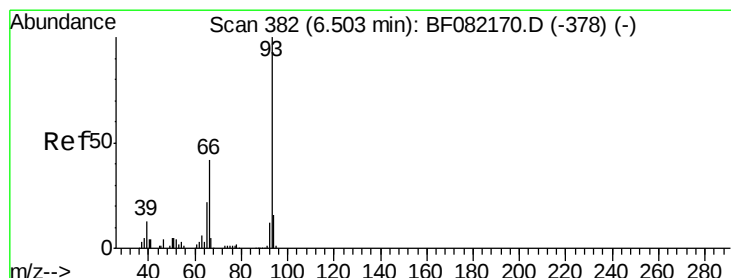
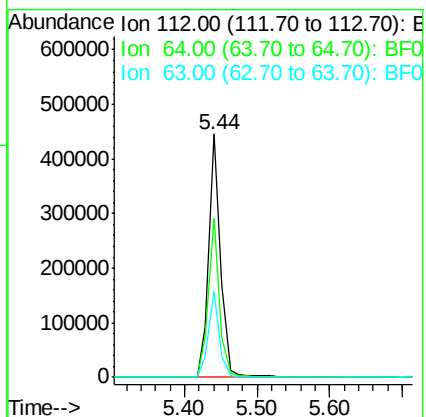
Tgt Ion: 112 Resp: 514297

Ion Ratio Lower Upper

112 100

64 65.2 48.6 73.0

63 35.2 25.1 37.7



#6

Aniline

Concen: 27.62 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

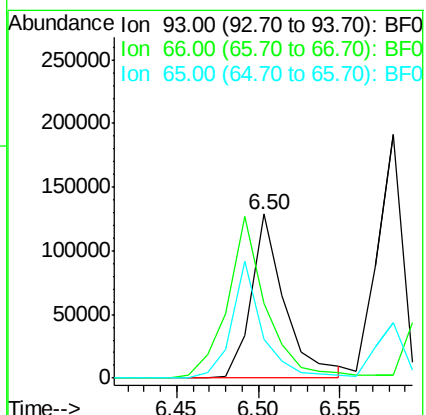
Tgt Ion: 93 Resp: 184806

Ion Ratio Lower Upper

93 100

66 45.3 34.2 51.2

65 23.6 17.9 26.9





#7

Phenol-d6

Concen: 137.54 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

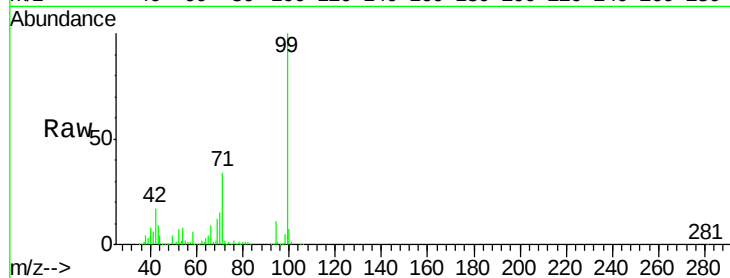
Tgt Ion: 99 Resp: 713797

Ion Ratio Lower Upper

99 100

42 17.3 13.2 19.8

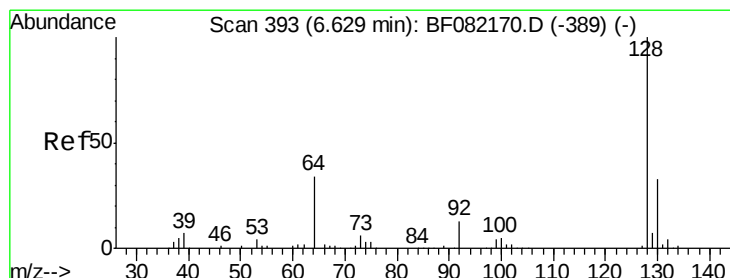
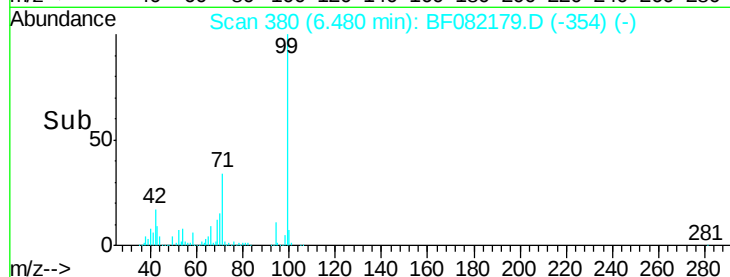
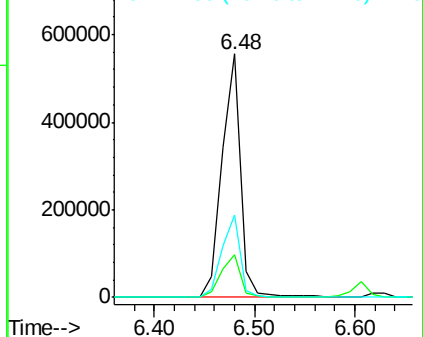
71 33.6 25.6 38.4



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: 43.86 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

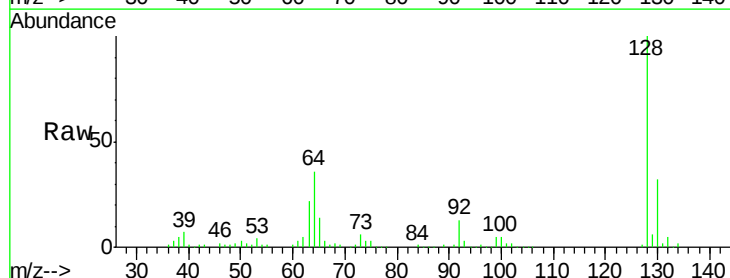
Tgt Ion: 128 Resp: 213543

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

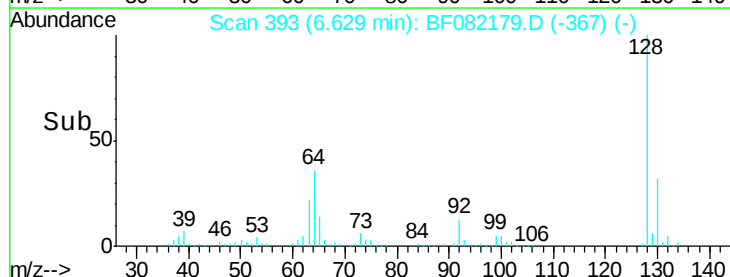
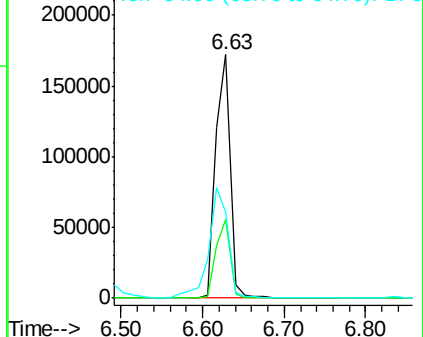
64 35.5 16.7 56.7

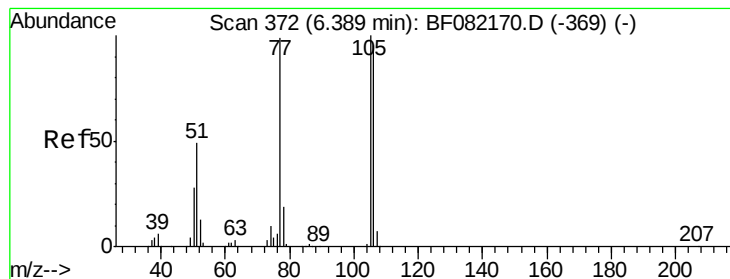


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.47 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

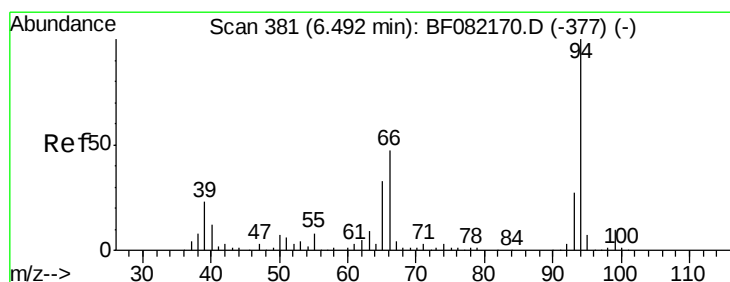
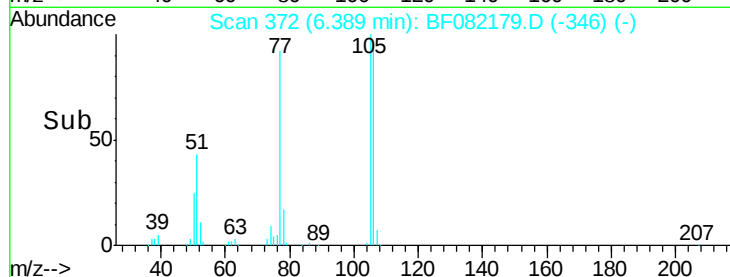
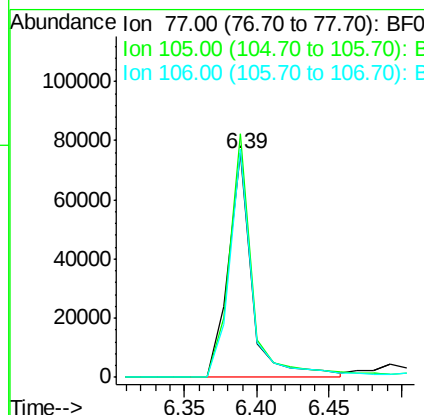
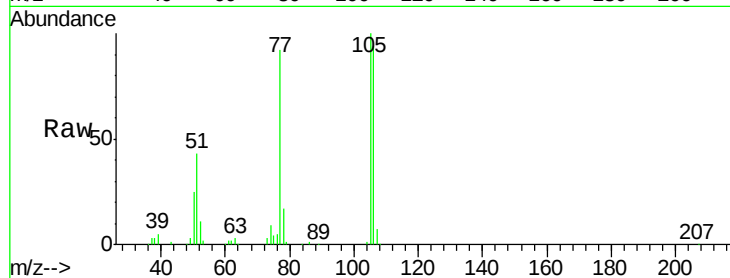
Tgt Ion: 77 Resp: 86053

Ion Ratio Lower Upper

77 100

105 108.7 80.6 120.6

106 101.8 75.5 115.5



#10

Phenol

Concen: 47.16 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

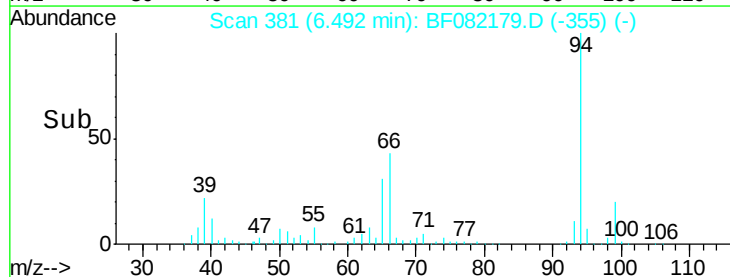
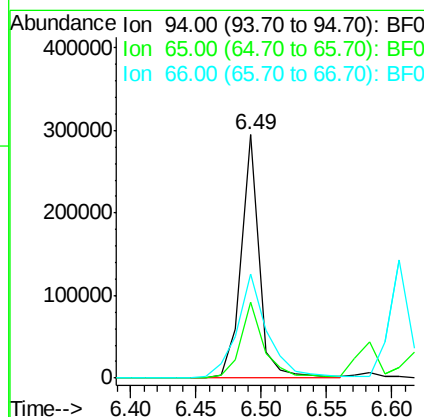
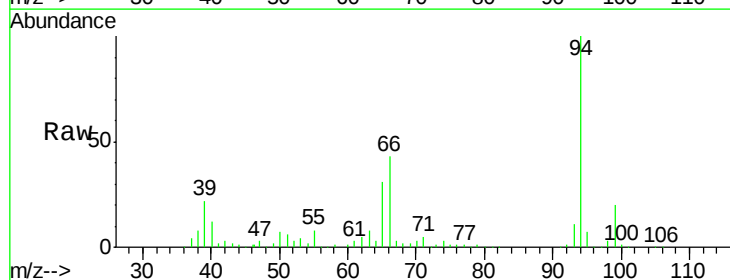
Tgt Ion: 94 Resp: 282174

Ion Ratio Lower Upper

94 100

65 31.0 12.6 52.6

66 43.0 27.3 67.3

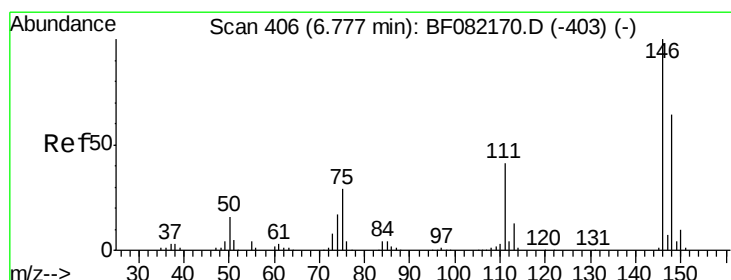
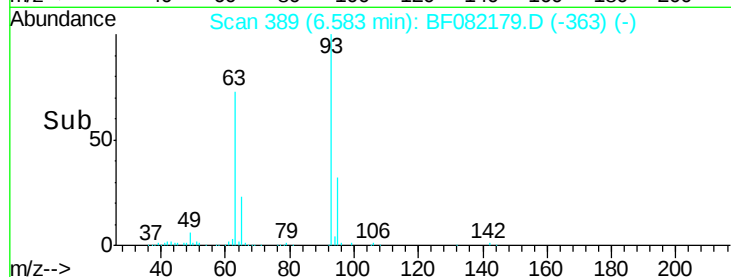
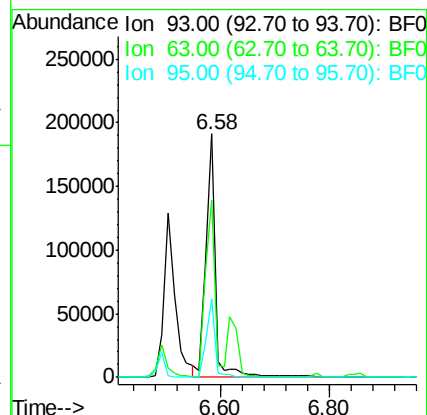
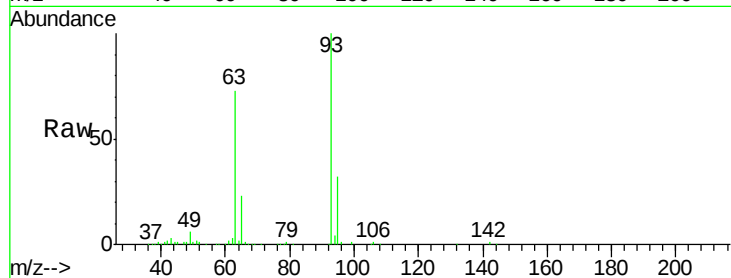




#11
bis(2-Chloroethyl)ether
Concen: 44.52 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

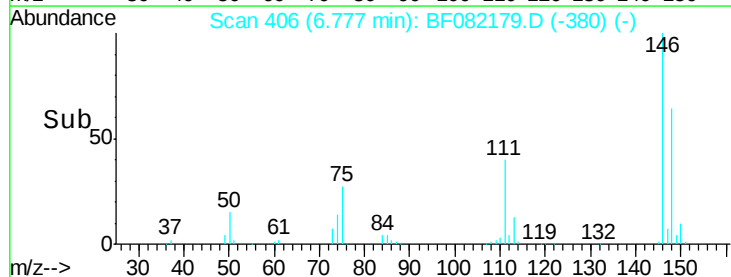
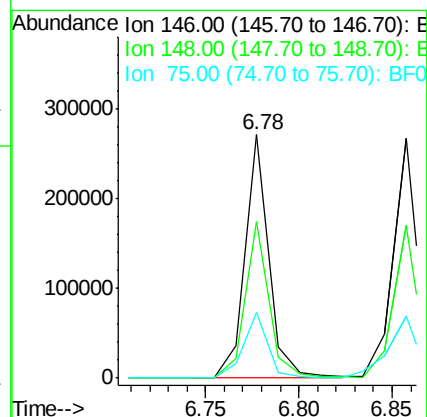
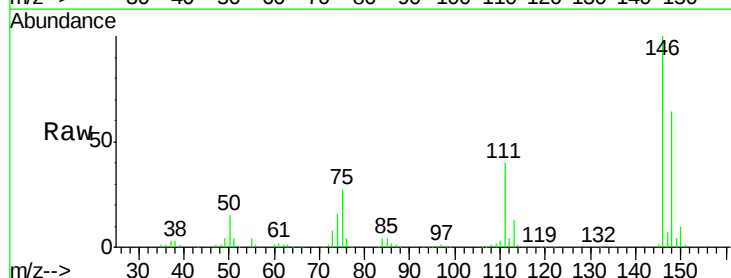
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.7	57.1	97.1
95	32.3	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 42.74 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	27.2	23.0	34.6

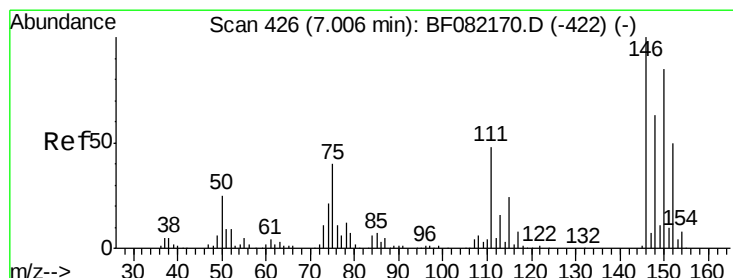
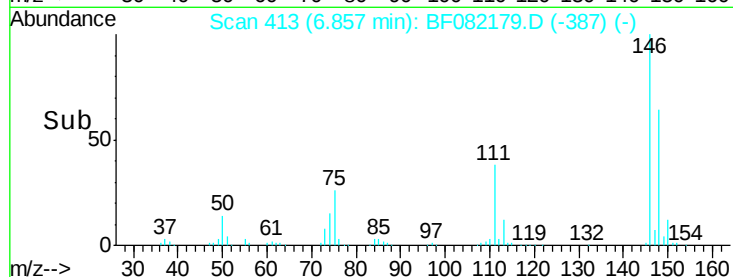
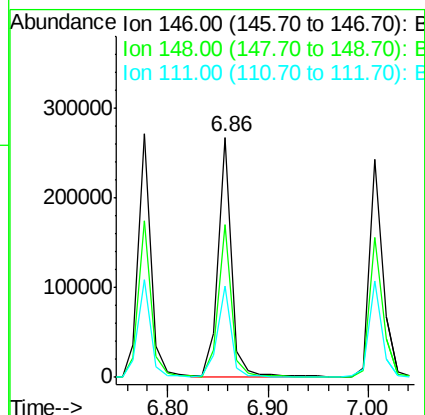
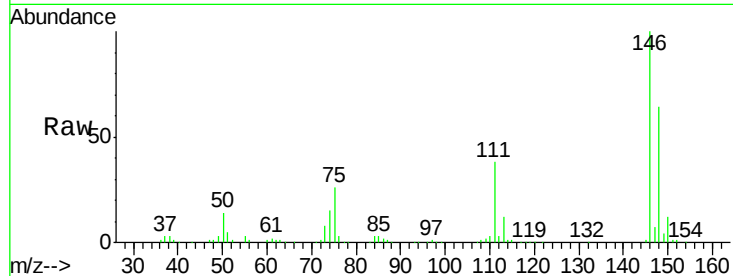




#13
 1,4-Dichlorobenzene
 Concen: 42.42 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

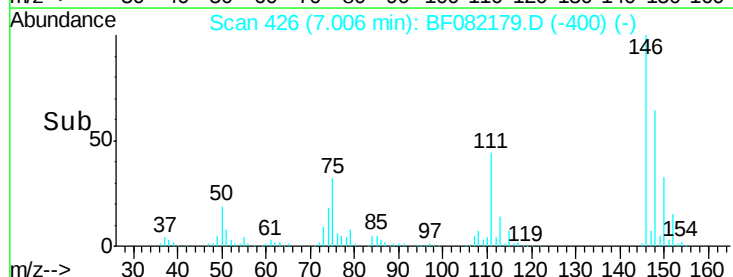
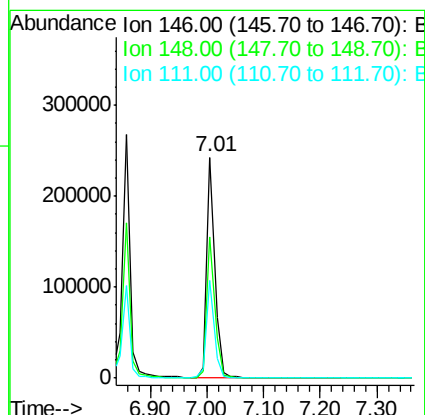
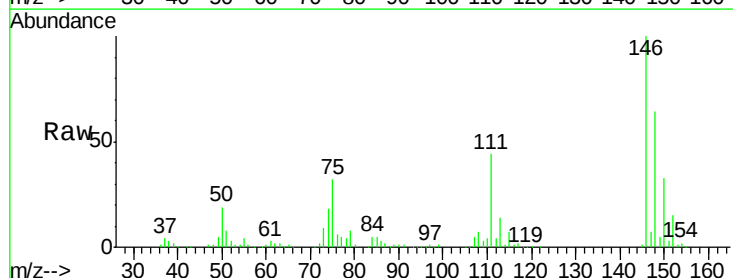
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

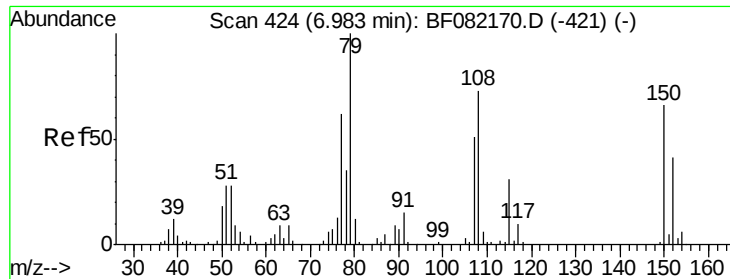
Tgt Ion:146 Resp: 251165
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 38.2 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 41.33 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion:146 Resp: 232350
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.5 75.7
 111 44.1 38.5 57.7

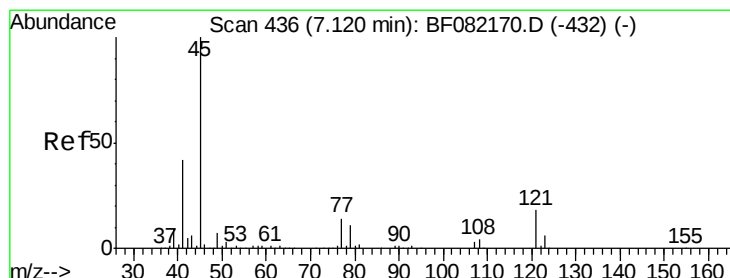
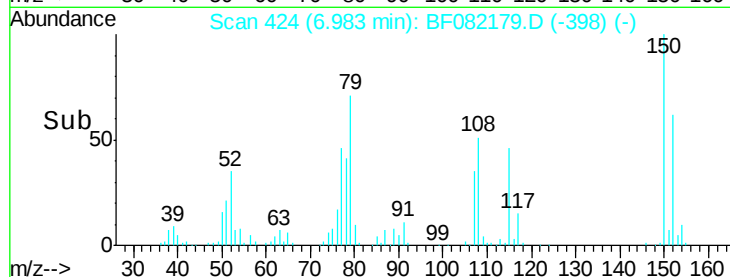
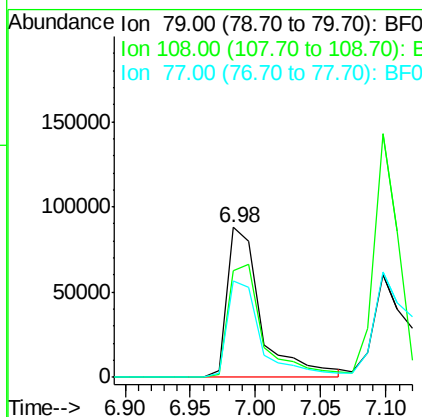
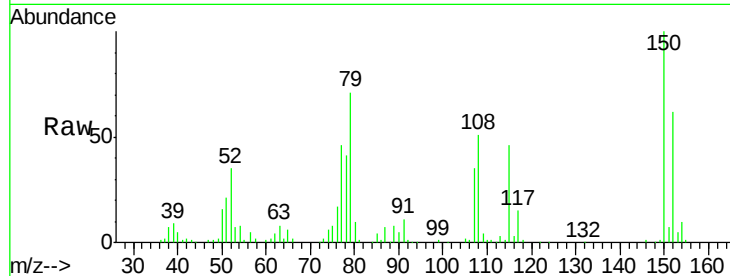




#15
Benzyl Alcohol
Concen: 44.36 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

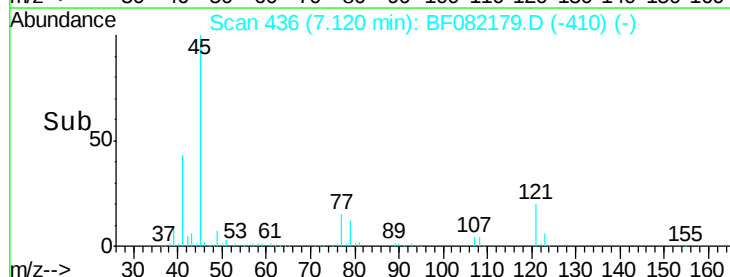
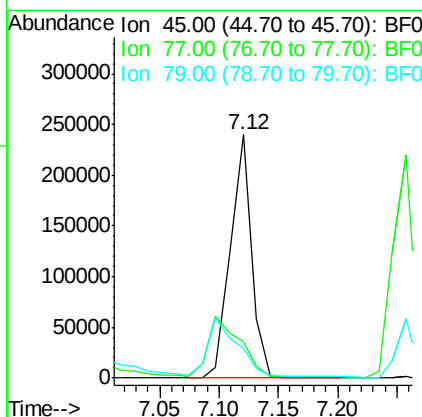
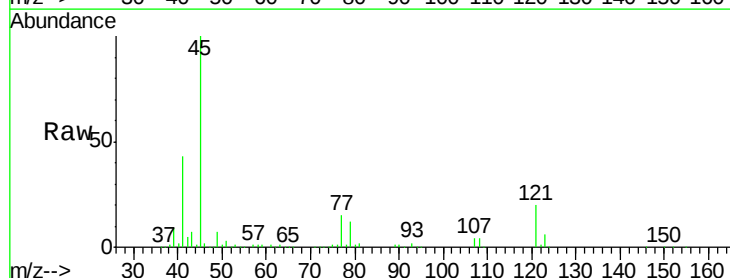
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

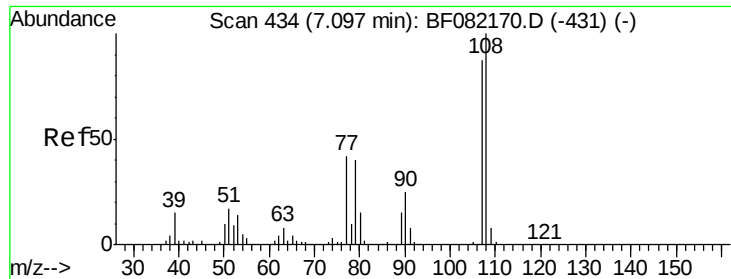
Tgt Ion: 79 Resp: 158936
Ion Ratio Lower Upper
79 100
108 71.1 58.4 87.6
77 64.4 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.06 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion: 45 Resp: 296353
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.5
79 12.0 0.0 31.6

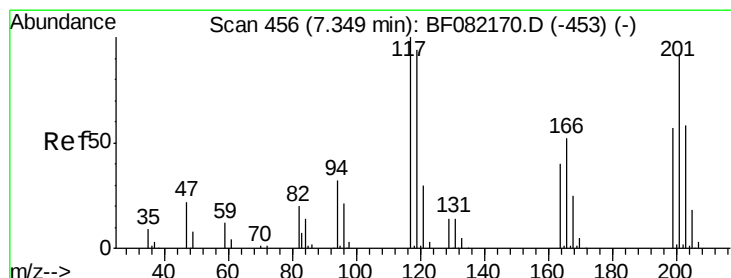
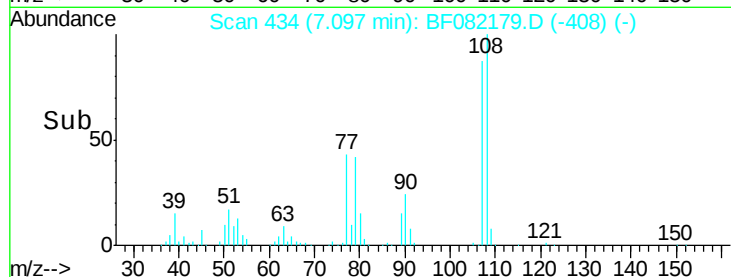
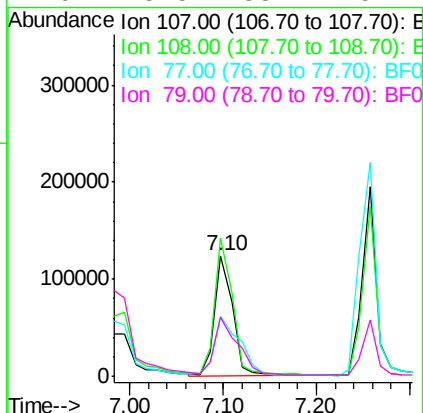
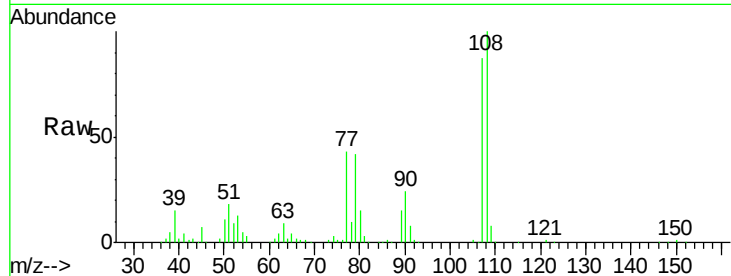




#17
2-Methylphenol
Concen: 43.65 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

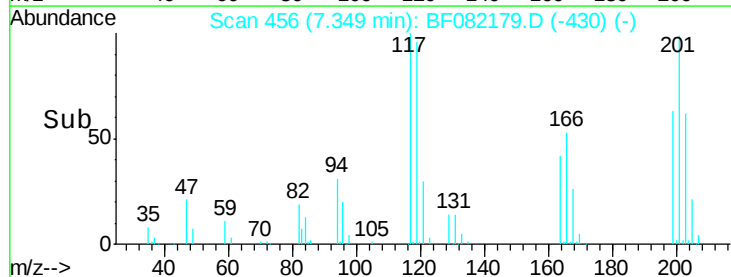
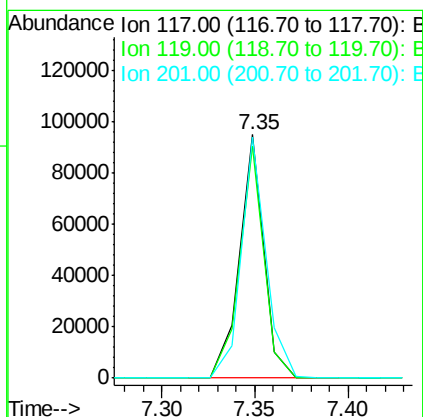
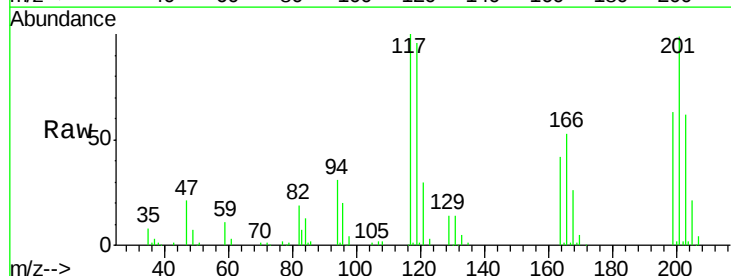
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion:	107	Resp:	168056
Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.2	138.2
77	49.6	39.6	59.4
79	48.5	38.2	57.4



#18
Hexachloroethane
Concen: 42.71 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:	117	Resp:	86561
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.2
201	98.9	73.4	110.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.72 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

Tgt Ion: 70 Resp: 144757

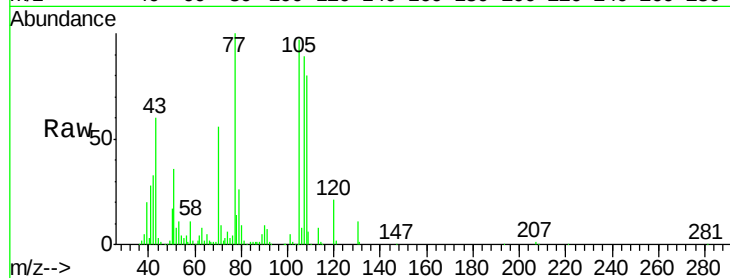
Ion Ratio Lower Upper

70 100

42 58.3 39.8 59.8

101 9.2 8.6 13.0

130 19.0 20.5 30.7#

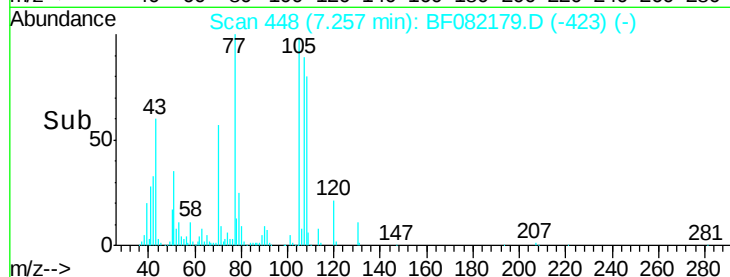
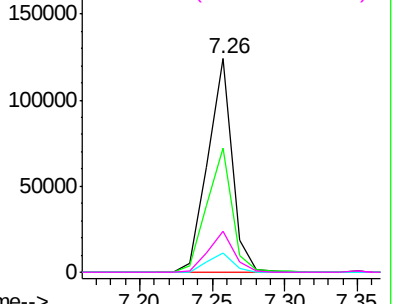


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 46.32 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion: 107 Resp: 212489

Ion Ratio Lower Upper

107 100

108 90.3 69.9 109.9

77 112.9 106.0 146.0

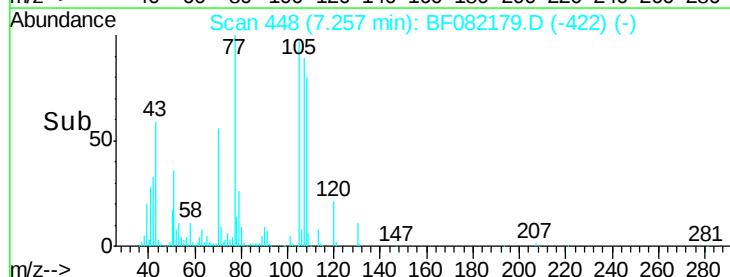
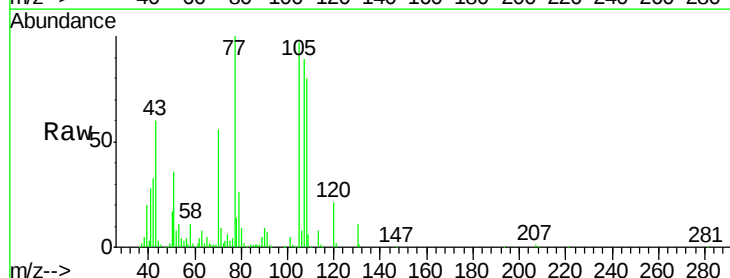
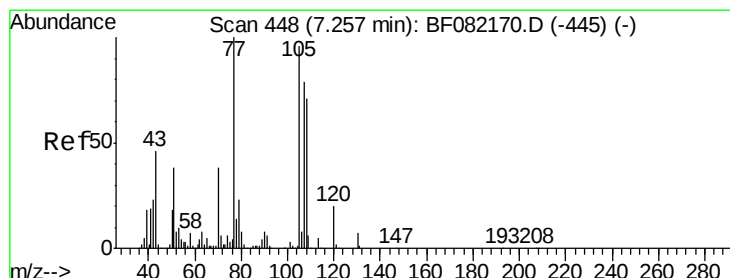
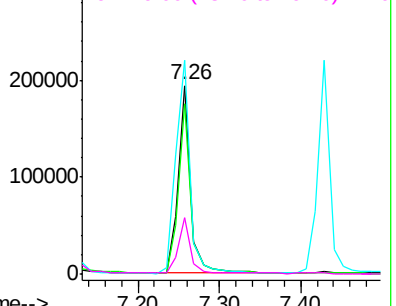
79 29.7 9.8 49.8

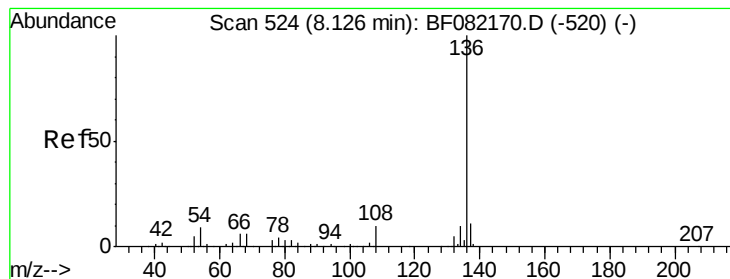
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

Tgt Ion:136 Resp: 329011

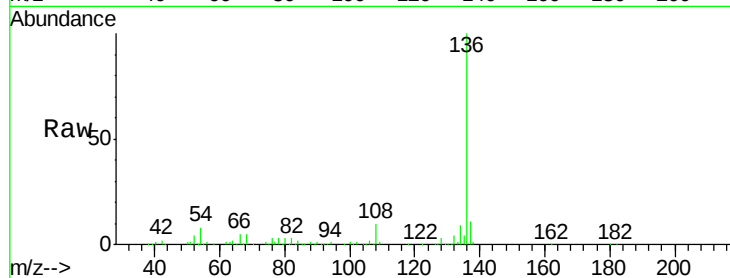
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.1 7.5 11.3

68 5.1 4.6 7.0

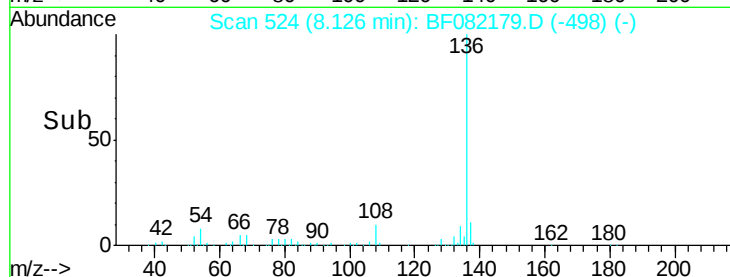


Abundance Ion 136.00 (135.70 to 136.70): E

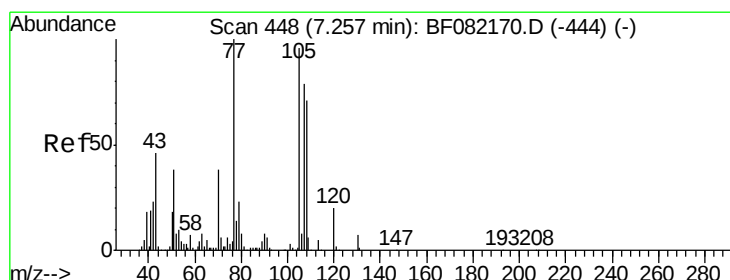
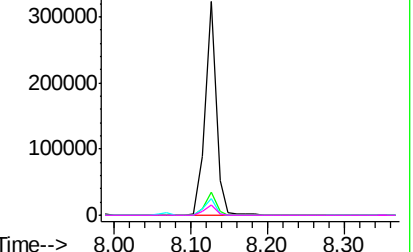
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.74 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:105 Resp: 284664

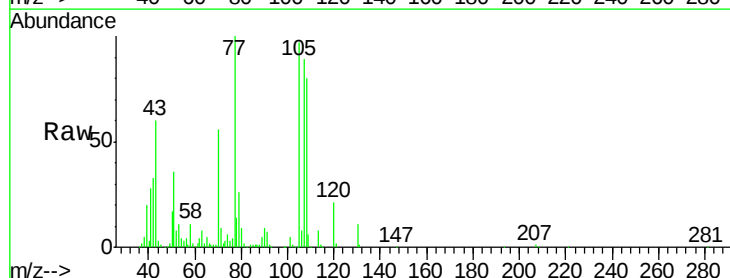
Ion Ratio Lower Upper

105 100

71 9.6 5.4 8.0#

51 36.9 31.8 47.6

120 21.3 16.3 24.5

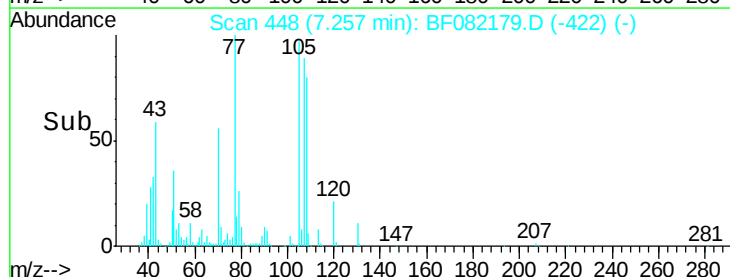


Abundance Ion 105.00 (104.70 to 105.70): E

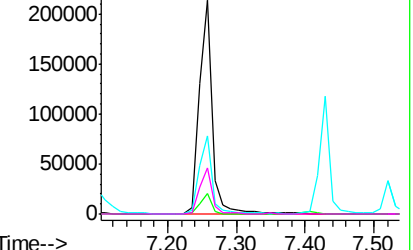
Ion 71.00 (70.70 to 71.70): BF0

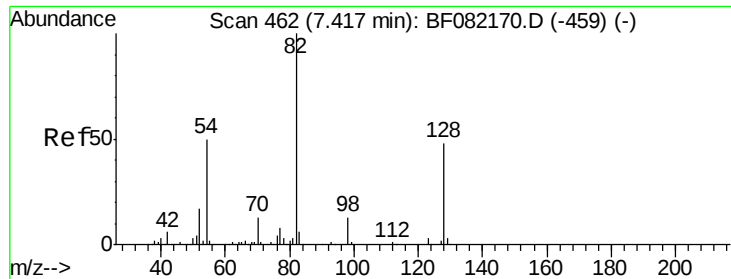
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

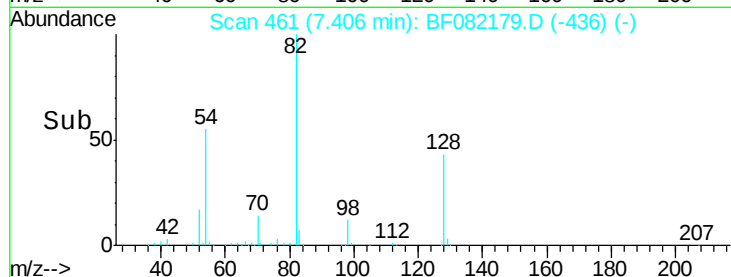
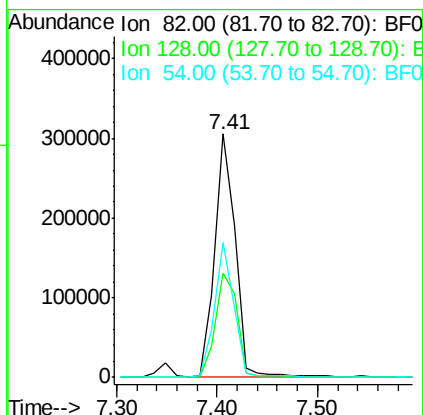
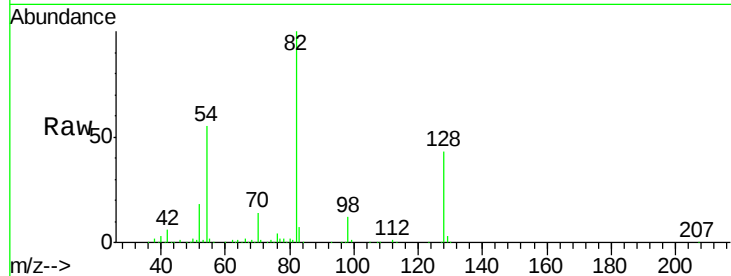




#23
 Nitrobenzene-d5
 Concen: 88.56 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

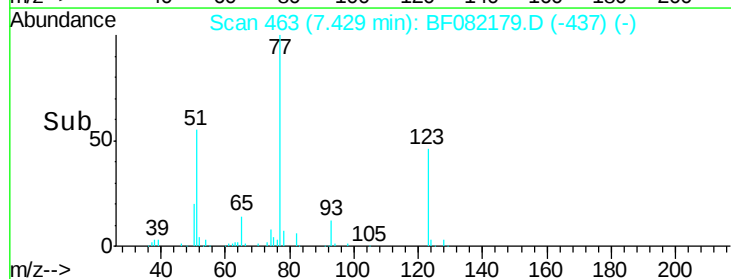
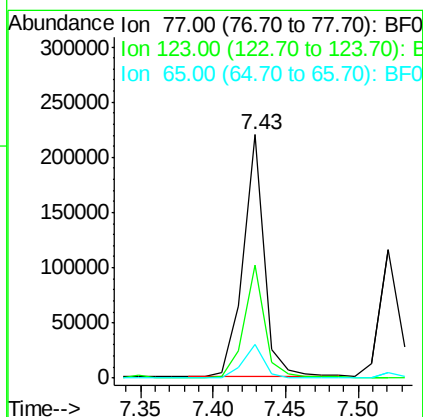
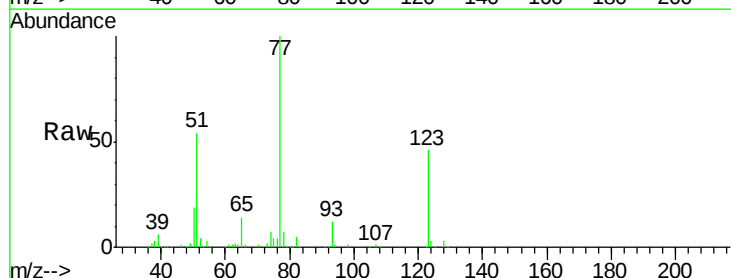
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion: 82 Resp: 433904
 Ion Ratio Lower Upper
 82 100
 128 42.6 38.7 58.1
 54 55.1 40.1 60.1



#24
 Nitrobenzene
 Concen: 42.05 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion: 77 Resp: 223018
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 42.24 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

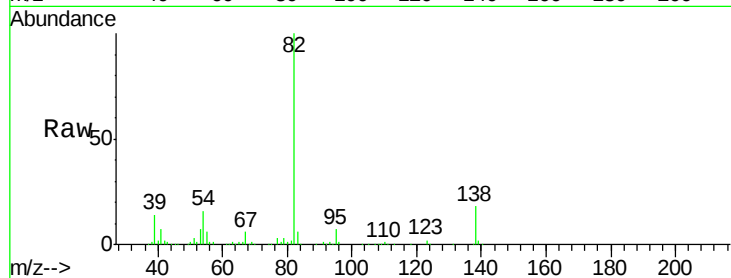
Tgt Ion: 82 Resp: 417722

Ion Ratio Lower Upper

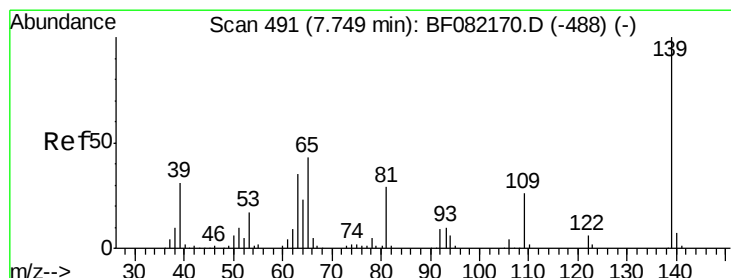
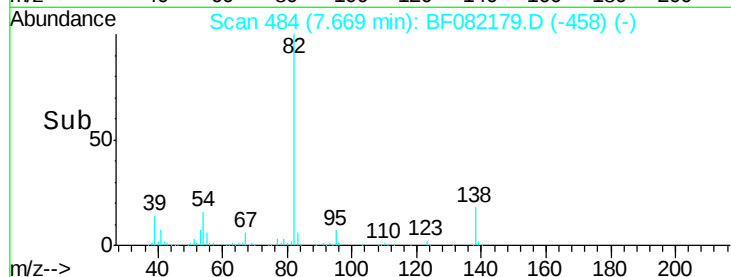
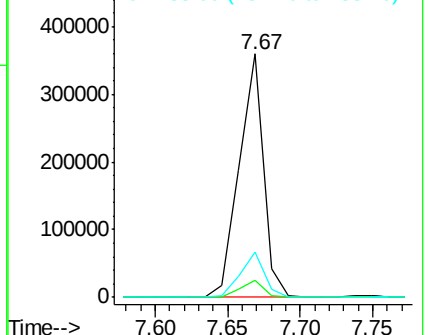
82 100

95 7.0 5.6 8.4

138 18.5 13.6 20.4



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



#26

2-Nitrophenol

Concen: 45.07 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

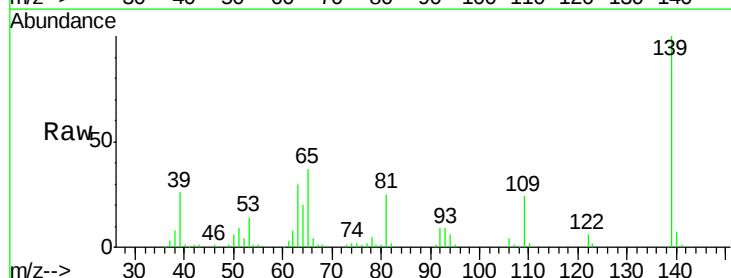
Tgt Ion: 139 Resp: 119347

Ion Ratio Lower Upper

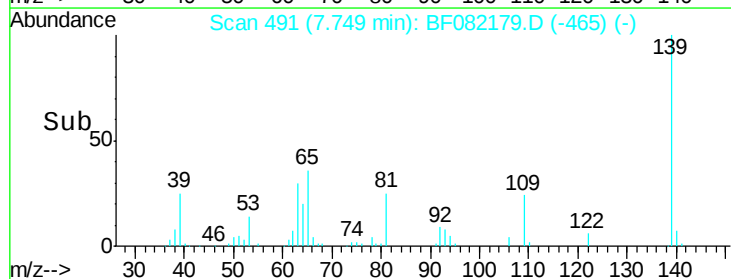
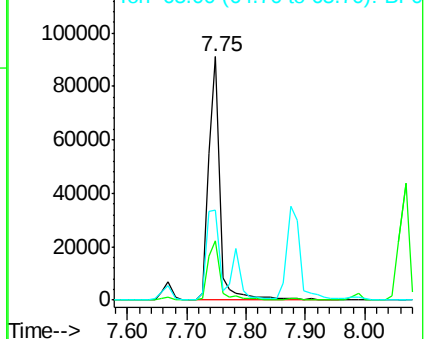
139 100

109 24.3 20.6 31.0

65 37.0 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

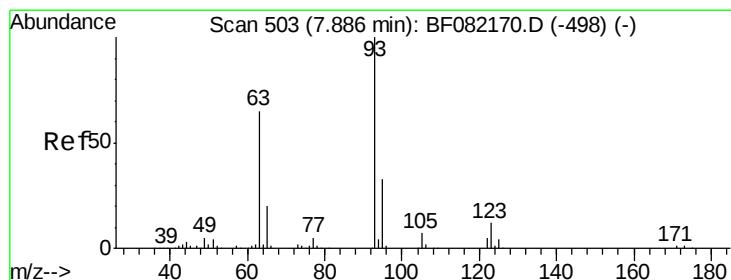
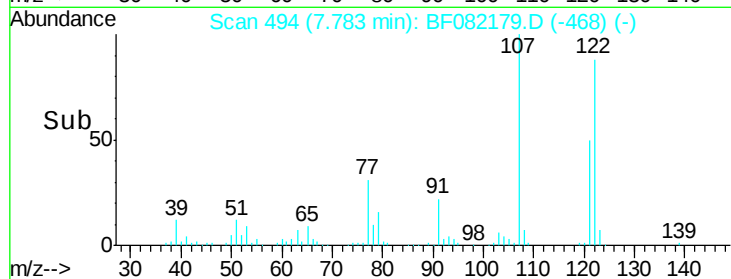
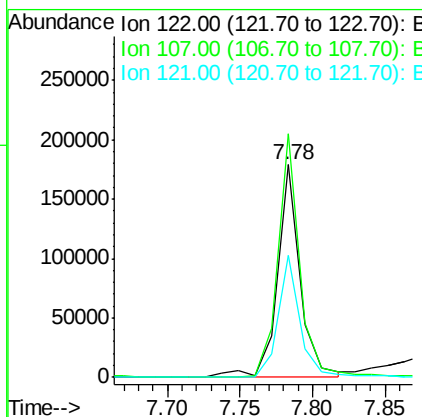
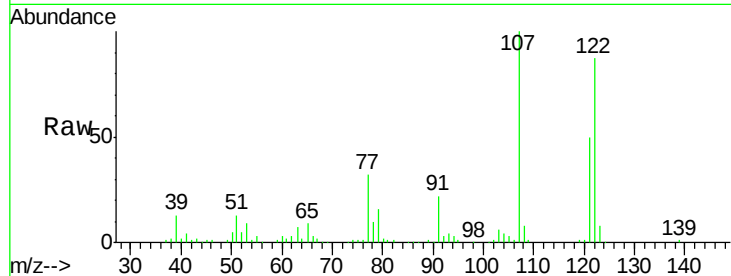




#27
2,4-Dimethylphenol
Concen: 45.09 ng
RT: 7.78 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

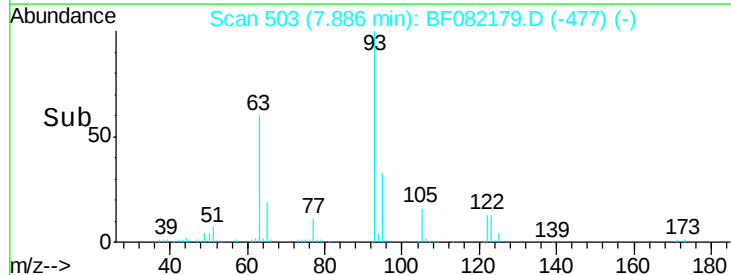
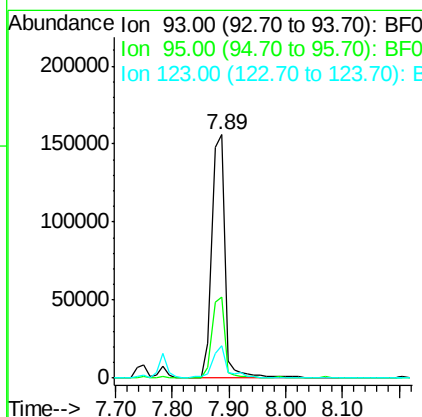
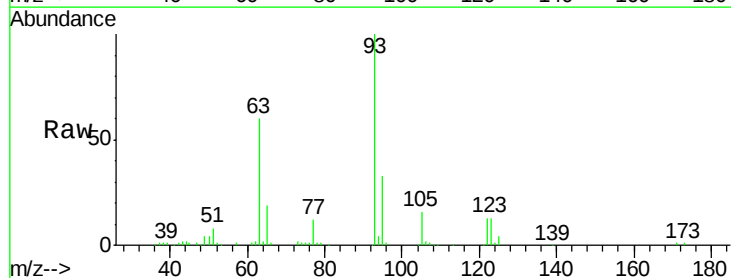
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

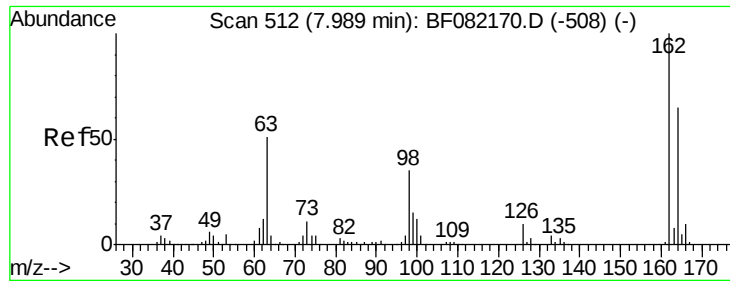
Tgt Ion: 122 Resp: 192343
Ion Ratio Lower Upper
122 100
107 114.6 94.0 141.0
121 57.4 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.16 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion: 93 Resp: 248320
Ion Ratio Lower Upper
93 100
95 33.5 26.6 39.8
123 13.2 9.5 14.3

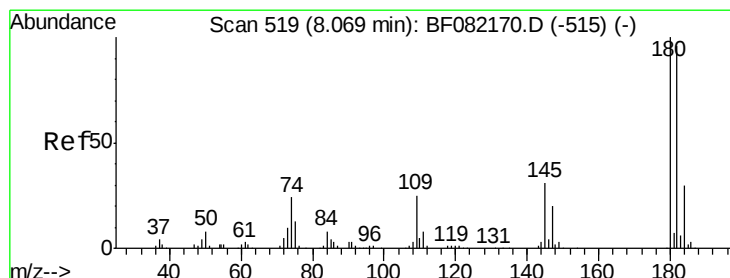
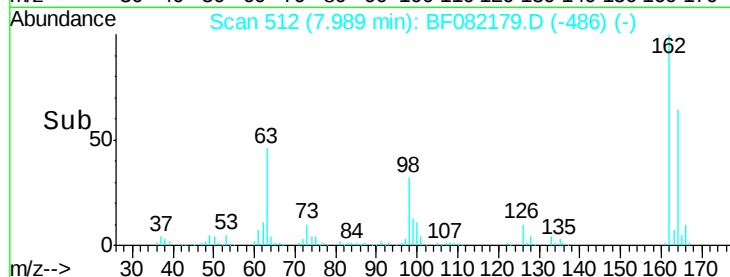
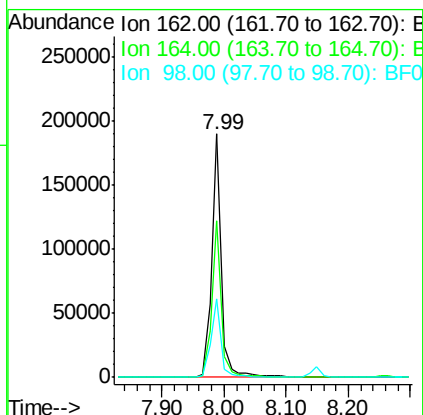
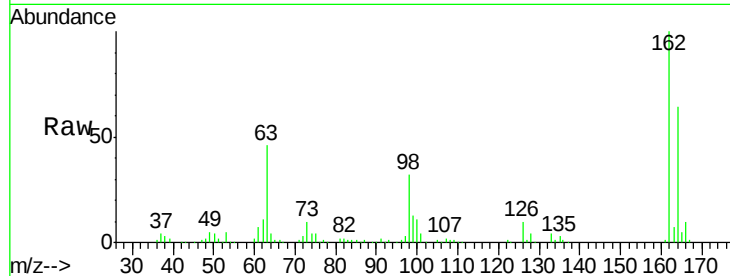




#29
 2,4-Dichlorophenol
 Concen: 47.70 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

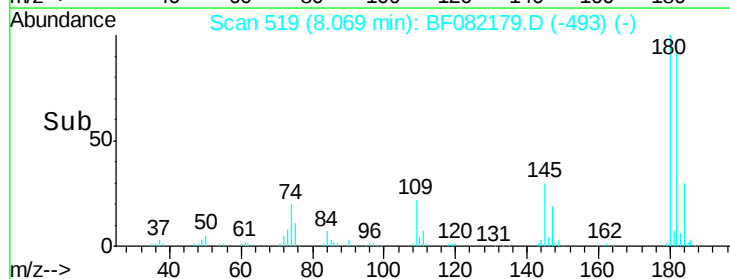
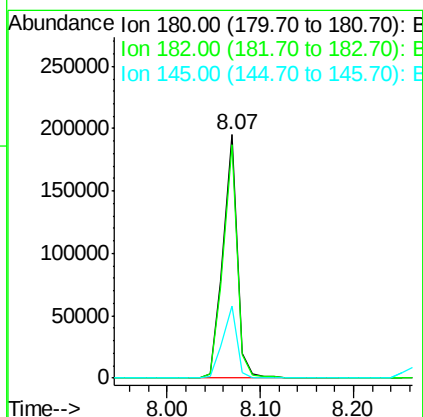
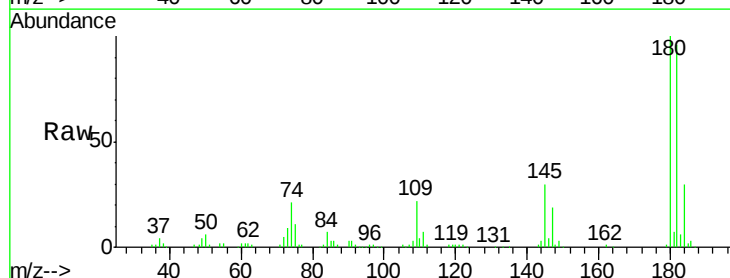
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

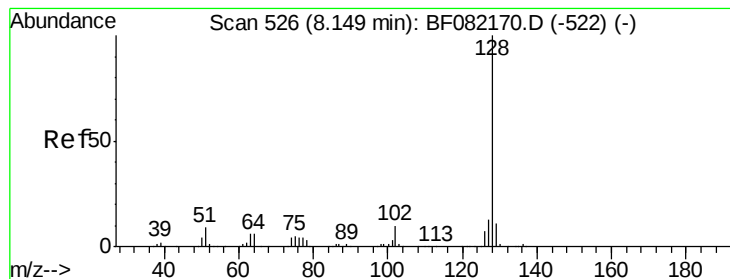
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	32.4	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.31 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.4
145	29.5	25.0	37.4





#31

Naphthalene

Concen: 44.74 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

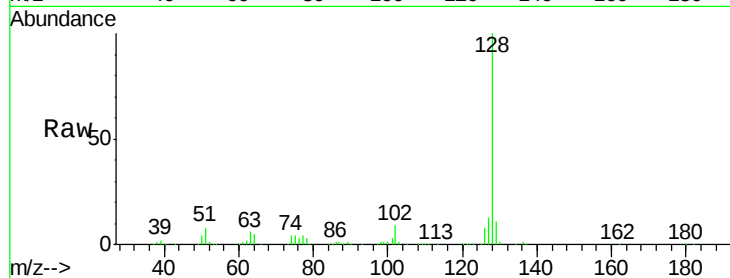
Tgt Ion:128 Resp: 638143

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

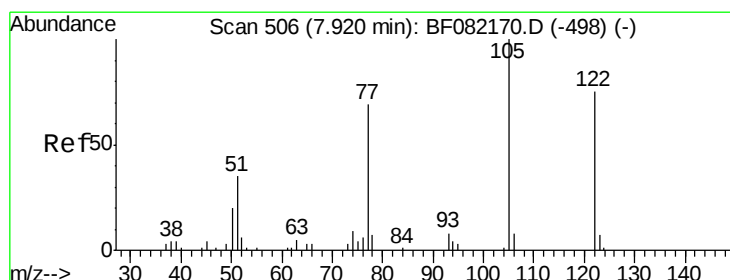
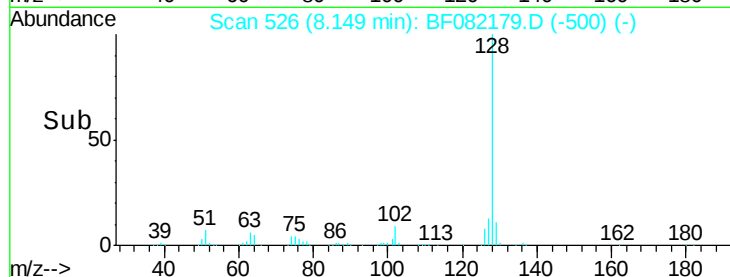
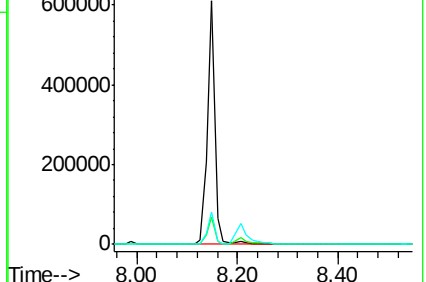
127 13.3 10.7 16.1



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: 43.69 ng

RT: 7.92 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

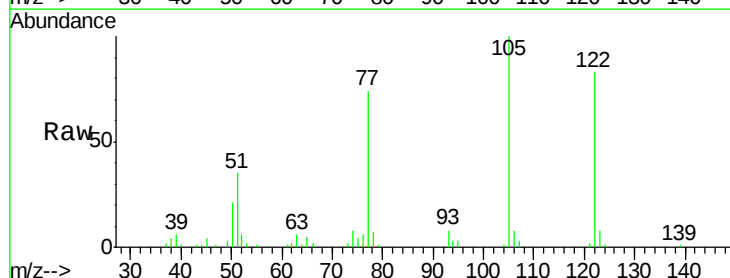
Tgt Ion:122 Resp: 125098

Ion Ratio Lower Upper

122 100

105 120.6 104.4 144.4

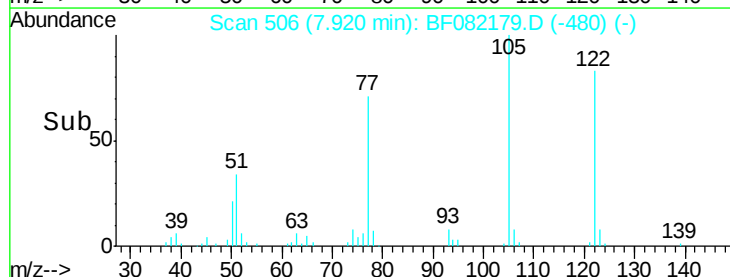
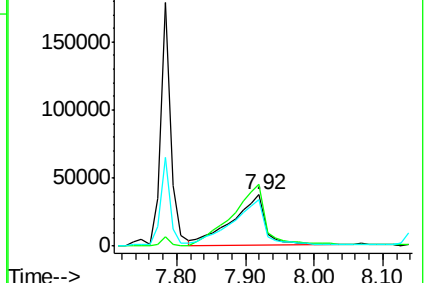
77 89.3 69.0 109.0



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

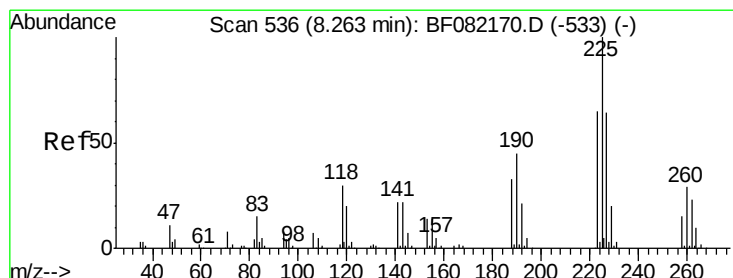
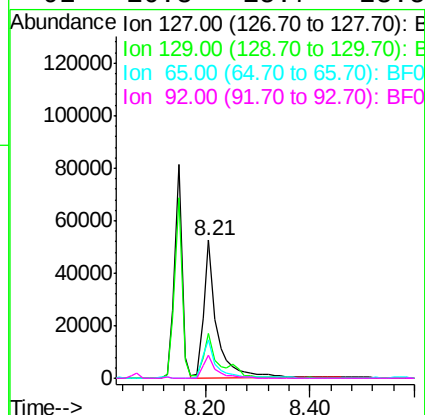
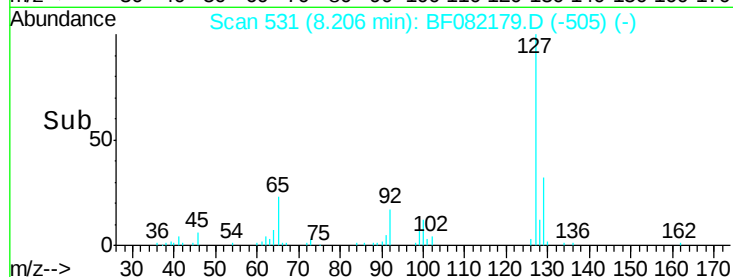
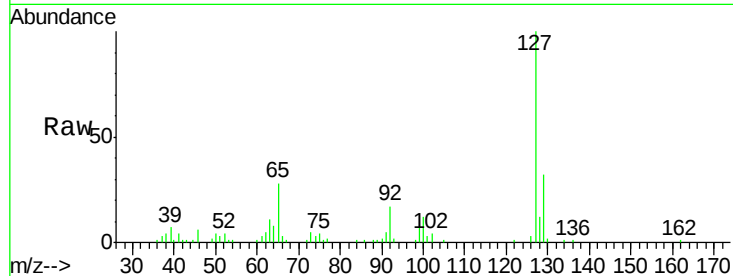




#33
4-Chloroaniline
Concen: 15.61 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

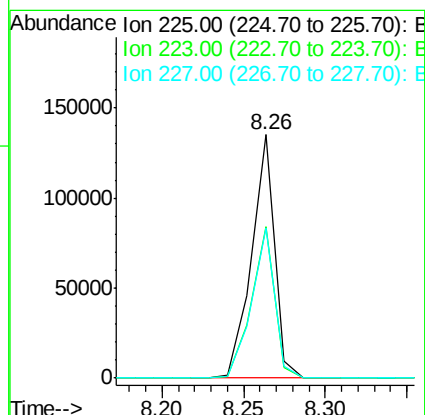
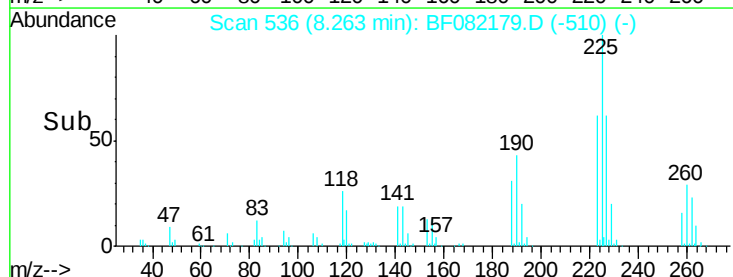
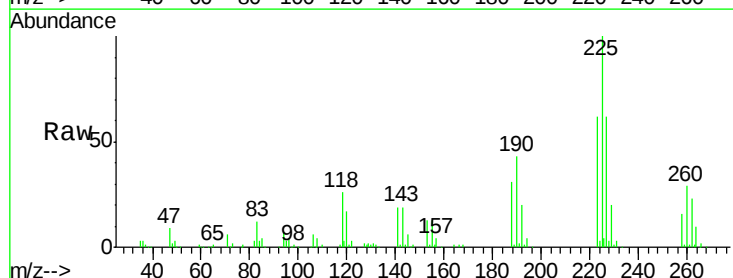
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion:	127	Resp:	92484
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	27.7	24.4	36.6
92	16.8	15.7	23.5



#34
Hexachlorobutadiene
Concen: 43.05 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:	225	Resp:	131848
Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.2	78.2
227	61.6	51.3	76.9





#35

Caprolactam

Concen: 31.87 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

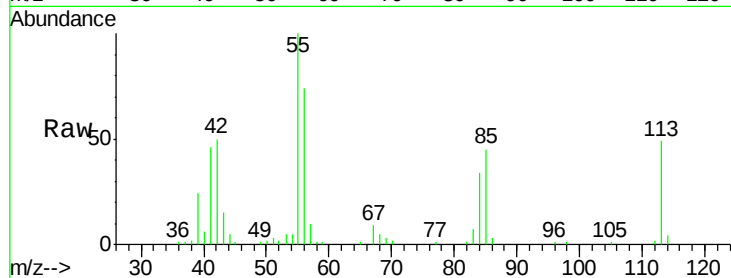
Tgt Ion:113 Resp: 39448

Ion Ratio Lower Upper

113 100

55 203.2 149.7 189.7#

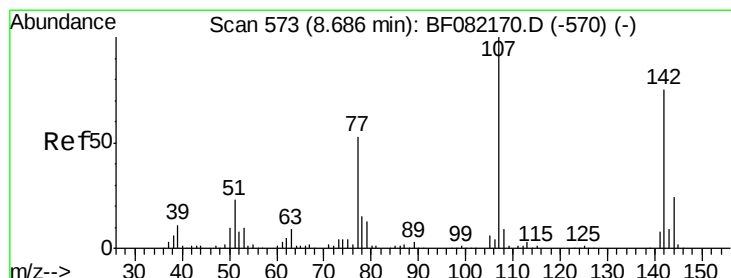
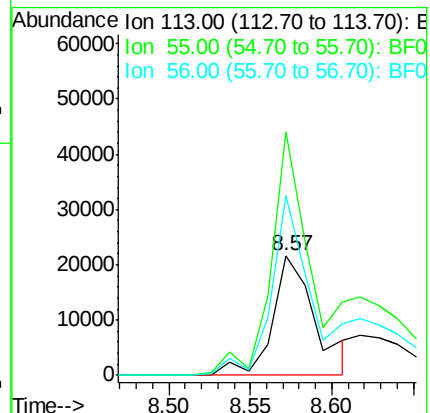
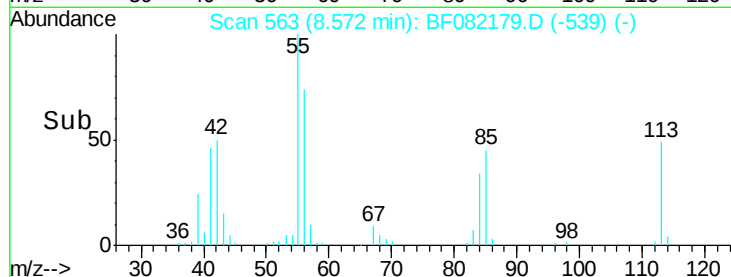
56 150.4 105.4 145.4#



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: 46.32 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

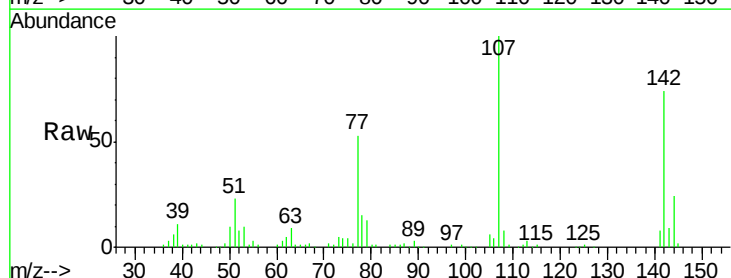
Tgt Ion:107 Resp: 193180

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

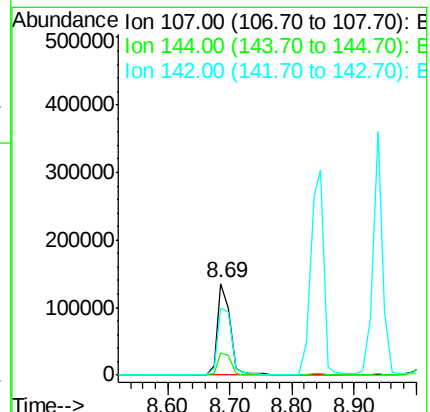
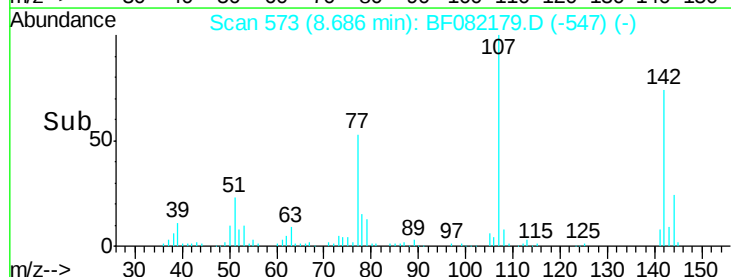
142 73.8 59.9 89.9

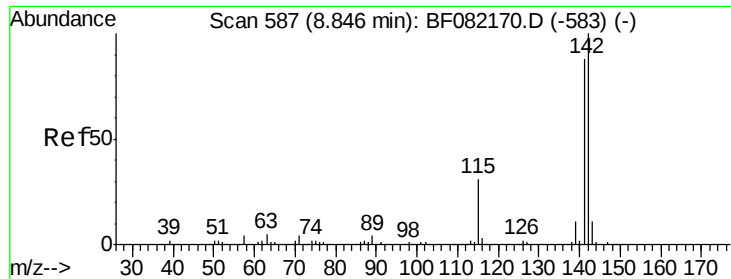


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

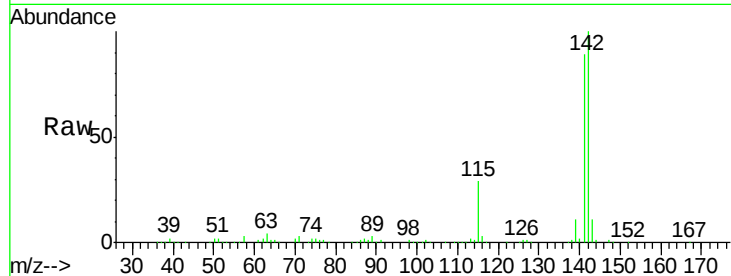




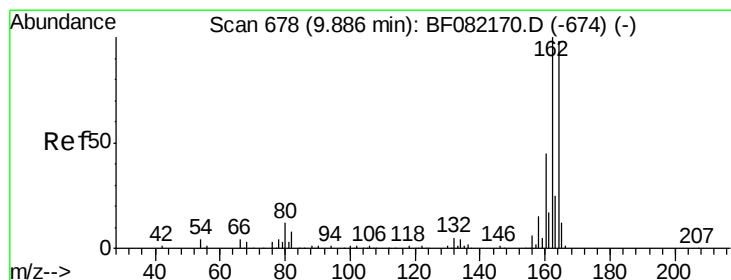
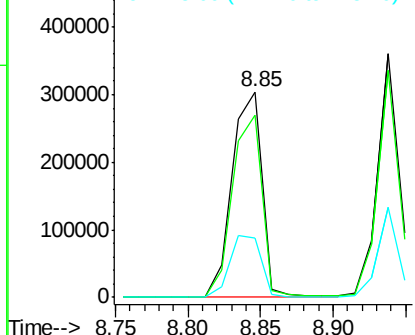
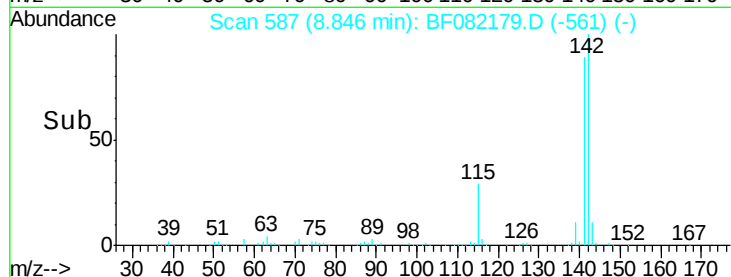
#37
 2-Methylnaphthalene
 Concen: 44.26 ng
 RT: 8.85 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion:142 Resp: 437619
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.4 105.6
 115 29.0 24.6 37.0

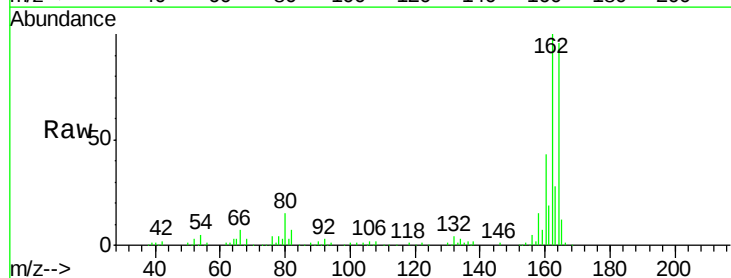


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

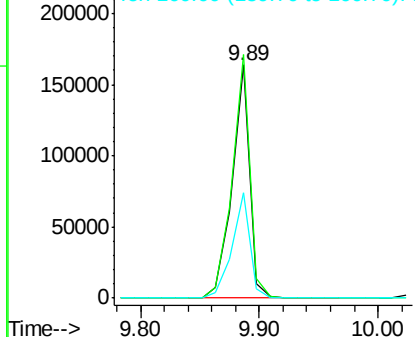
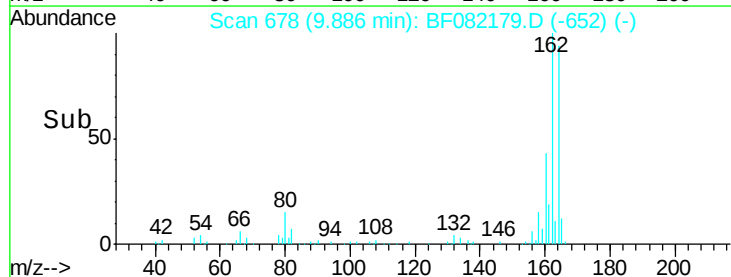


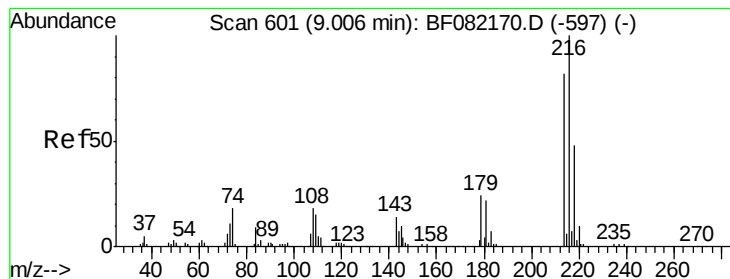
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion:164 Resp: 166930
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.6 122.4
 160 45.3 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: 42.28 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

Tgt Ion:216 Resp: 209922

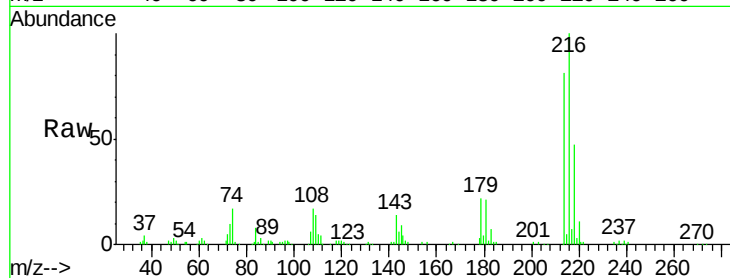
Ion Ratio Lower Upper

216 100

214 79.2 64.6 97.0

179 21.4 17.6 26.4

108 19.2 14.5 21.7

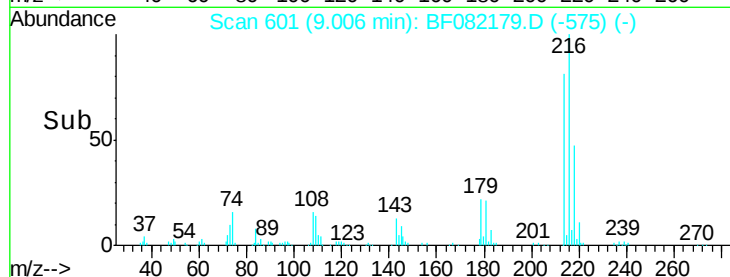


Abundance Ion 216.00 (215.70 to 216.70): E

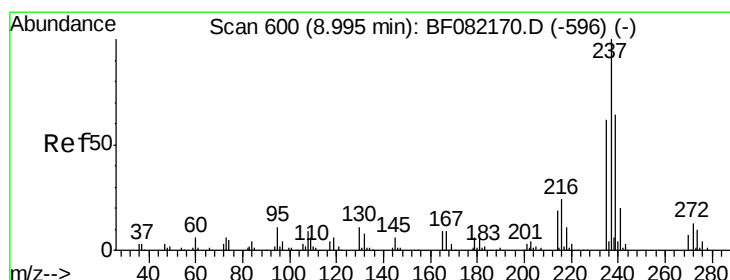
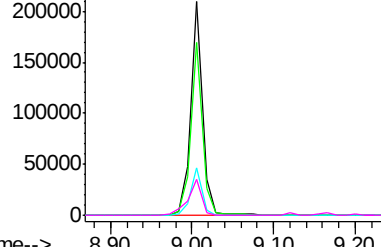
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 89.82 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

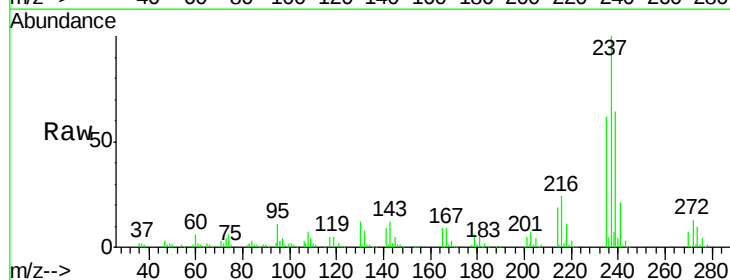
Tgt Ion:237 Resp: 228532

Ion Ratio Lower Upper

237 100

235 61.9 41.7 81.7

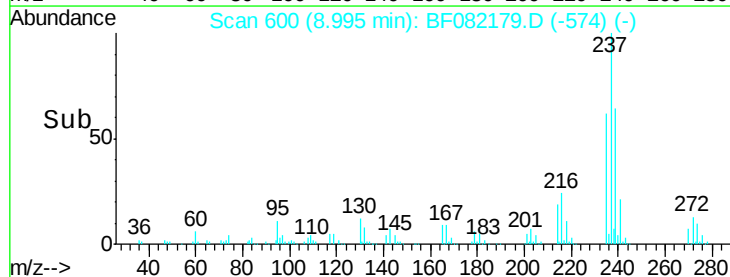
272 12.6 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

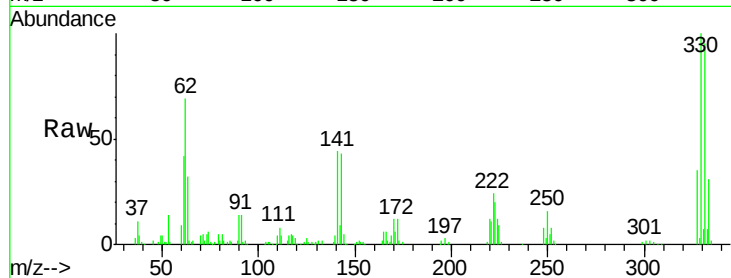




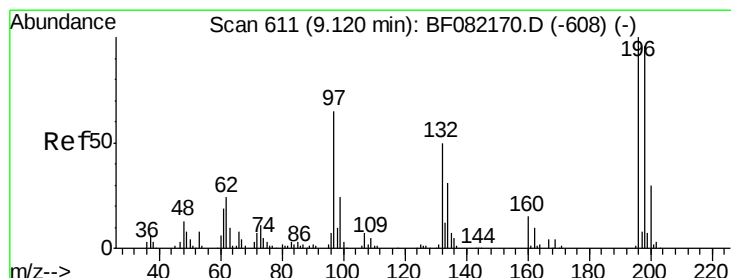
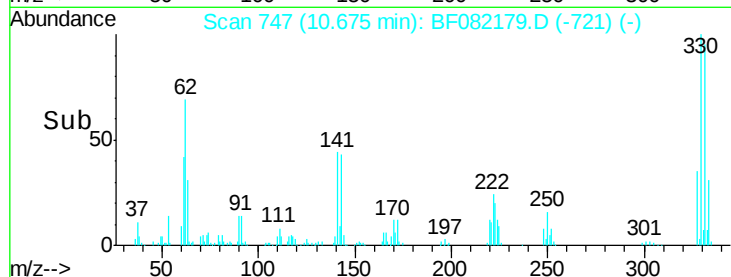
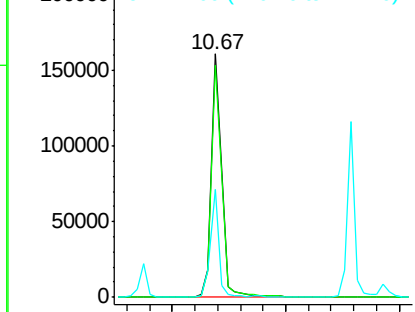
#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion:330 Resp: 197673
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 35.9 29.8 44.8

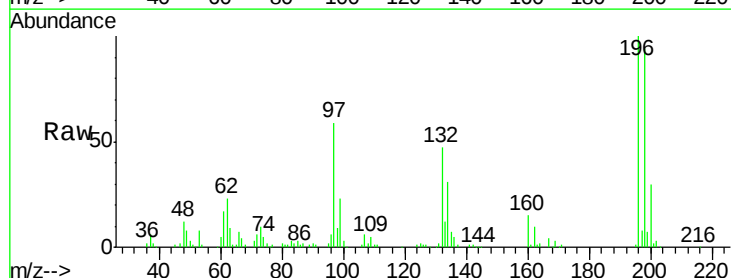


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

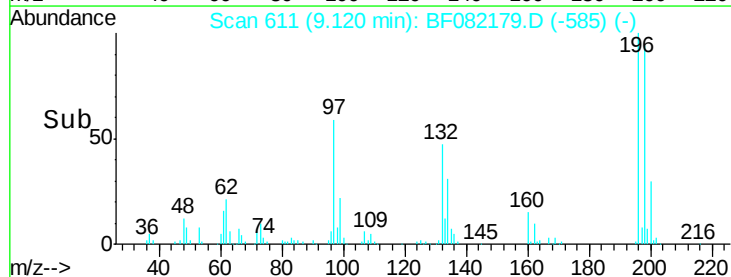
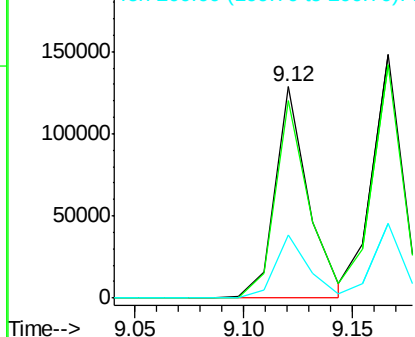


#42
 2,4,6-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion:196 Resp: 137369
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.6 115.0
 200 29.9 23.7 35.5



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

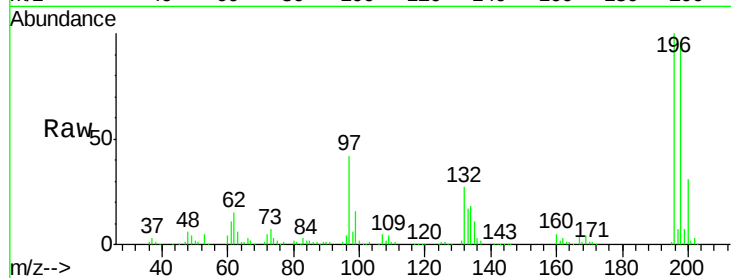




#43
 2,4,5-Trichlorophenol
 Concen: 45.32 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.0	115.4
97	42.2	31.9	47.9
132	27.0	20.3	30.5



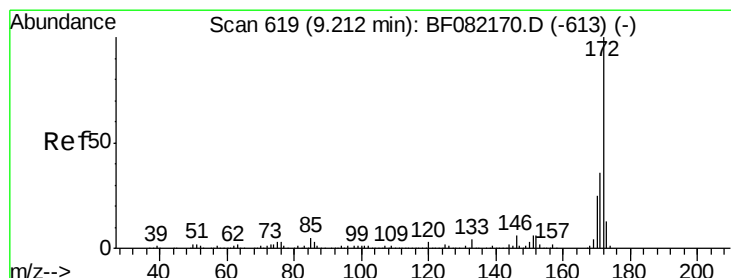
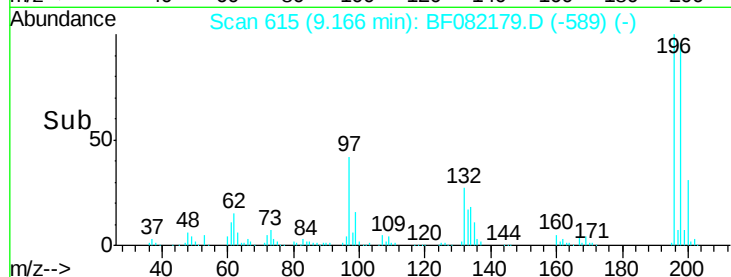
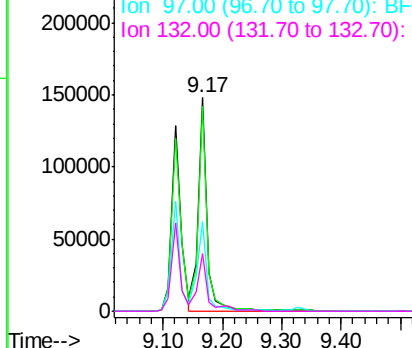
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

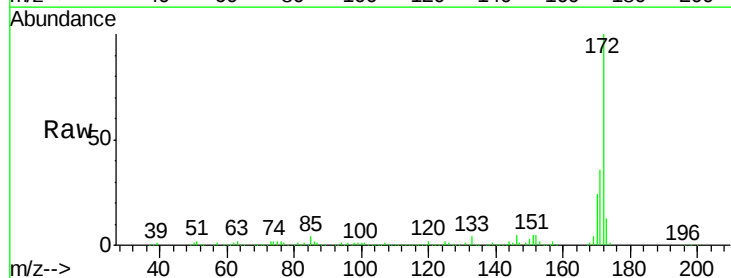
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.62 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.9	19.7	29.5

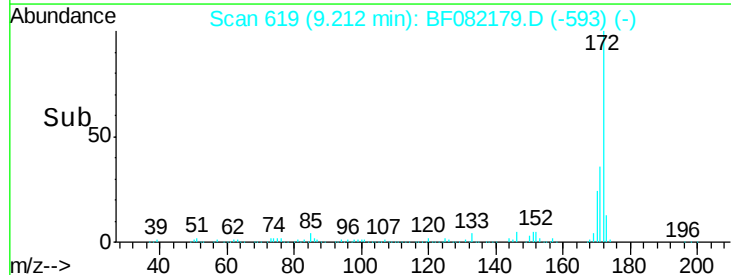
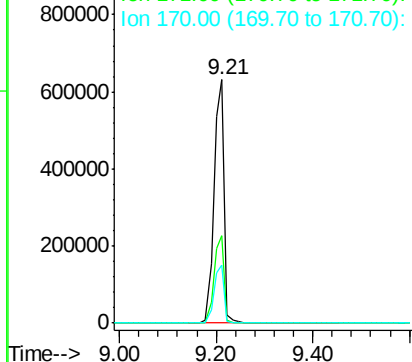


Abundance

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

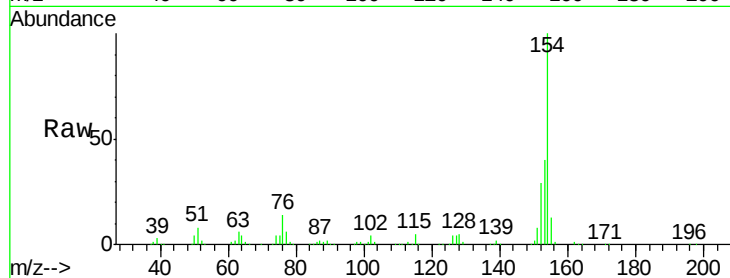




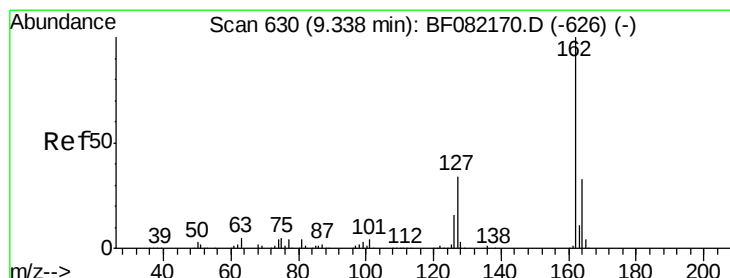
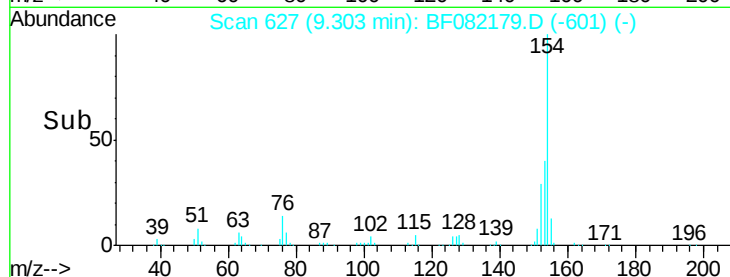
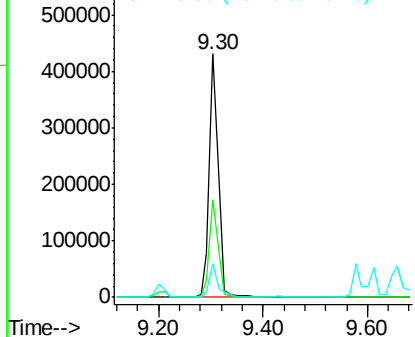
#45
 1,1'-Biphenyl
 Concen: 40.45 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion:154 Resp: 514875
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.6 60.6
 76 13.7 0.0 35.2

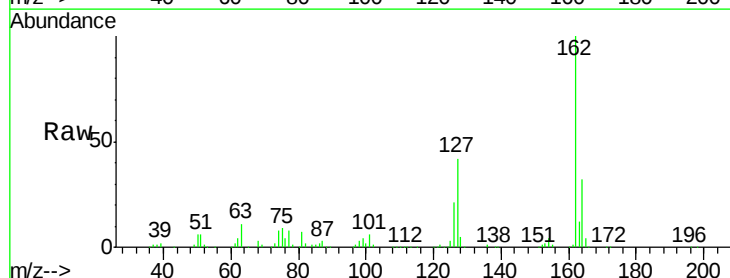


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

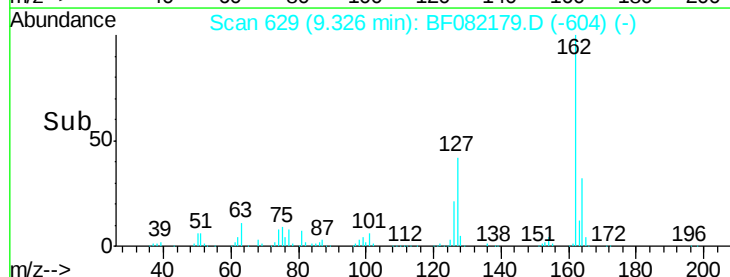
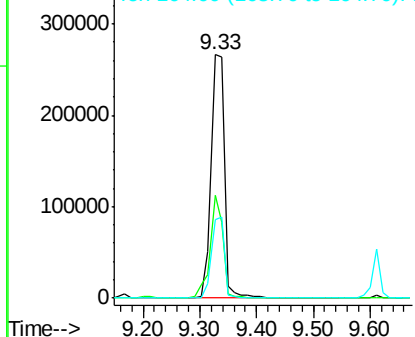


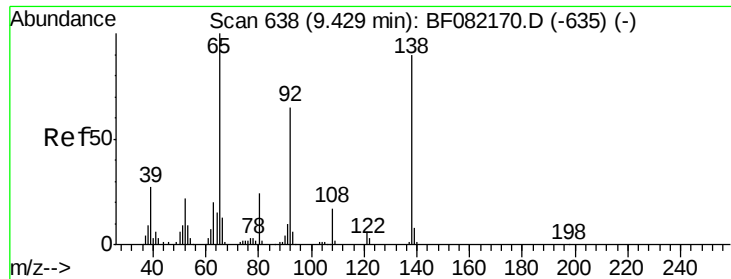
#46
 2-Chloronaphthalene
 Concen: 42.17 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion:162 Resp: 422596
 Ion Ratio Lower Upper
 162 100
 127 42.3 27.5 41.3#
 164 32.3 26.6 39.8



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

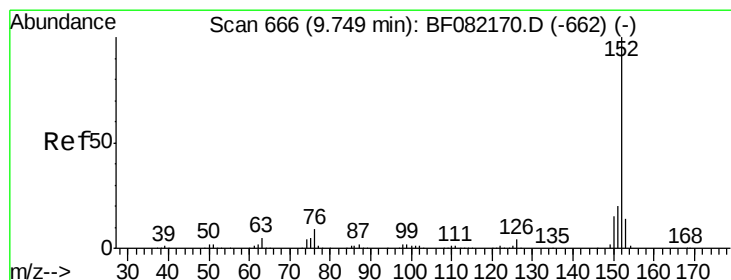
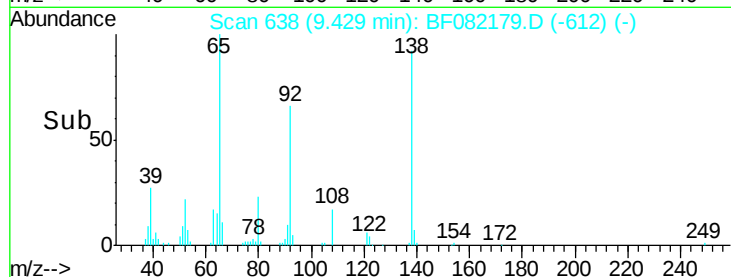
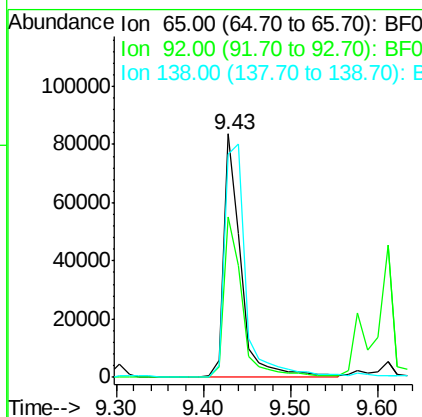
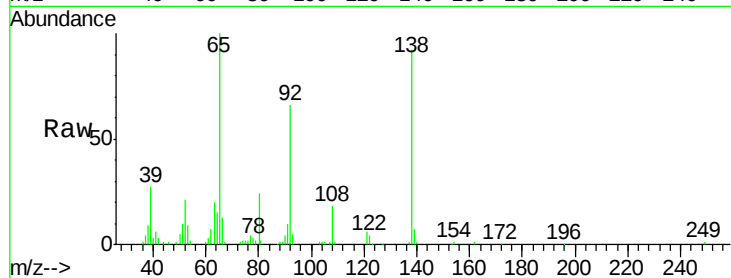




#47
2-Nitroaniline
Concen: 42.18 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

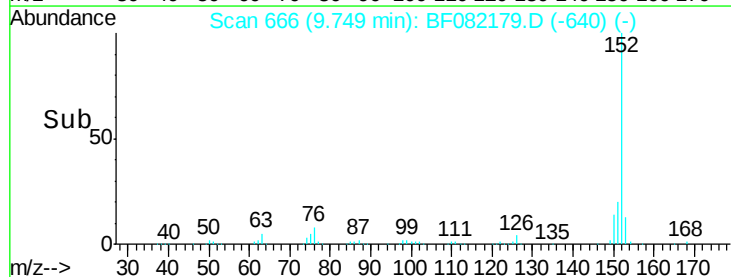
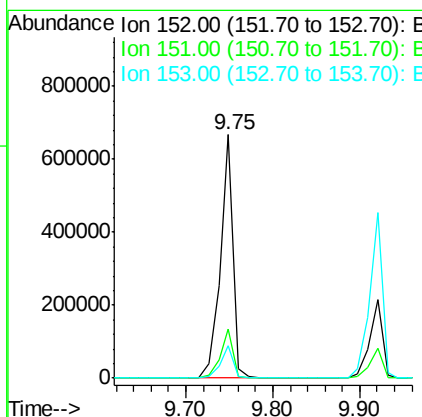
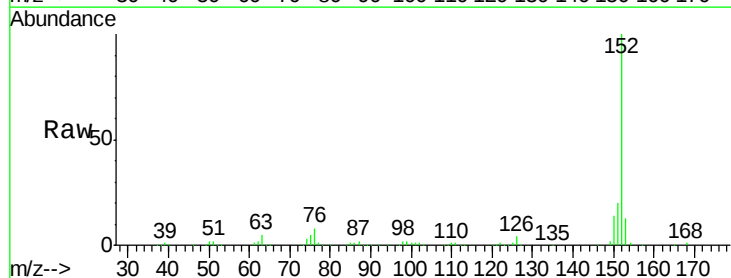
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

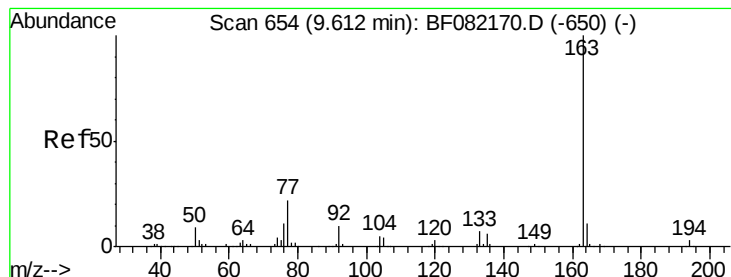
Tgt Ion: 65 Resp: 116035
Ion Ratio Lower Upper
65 100
92 65.8 52.3 78.5
138 91.5 72.2 108.4



#48
Acenaphthylene
Concen: 44.14 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion: 152 Resp: 689058
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 42.51 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

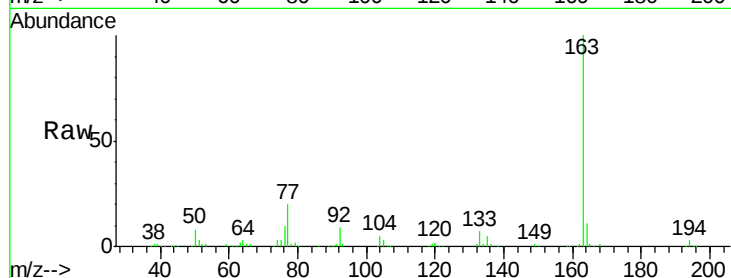
Tgt Ion:163 Resp: 499728

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

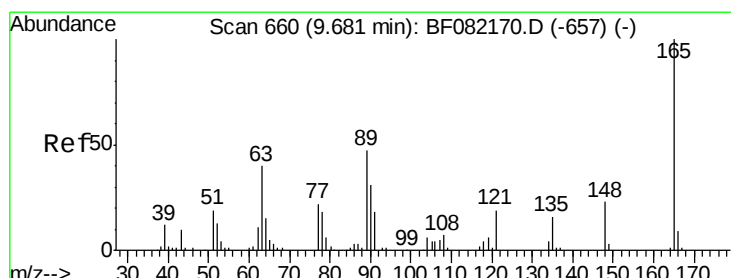
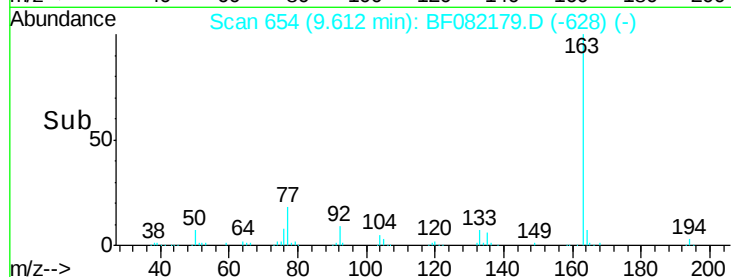
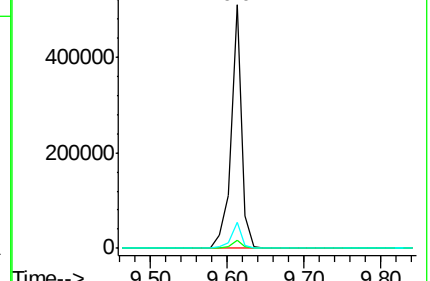
164 10.5 8.5 12.7



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: 46.75 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

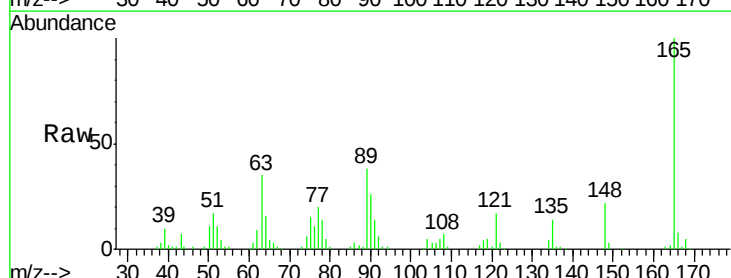
Tgt Ion:165 Resp: 115960

Ion Ratio Lower Upper

165 100

63 35.3 36.7 55.1#

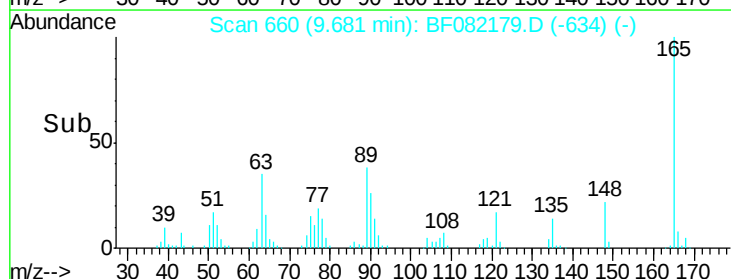
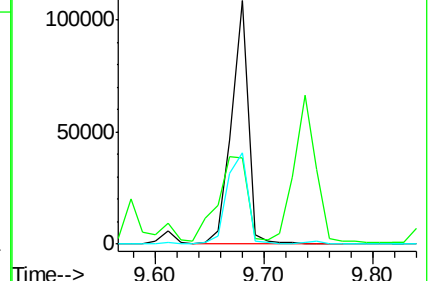
89 37.8 37.8 56.6#

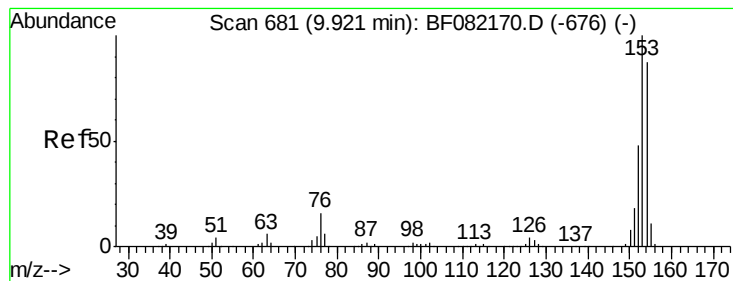


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.09 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

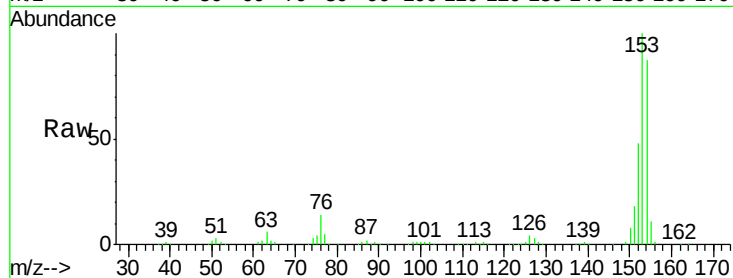
Tgt Ion:154 Resp: 403848

Ion Ratio Lower Upper

154 100

153 115.1 91.4 137.2

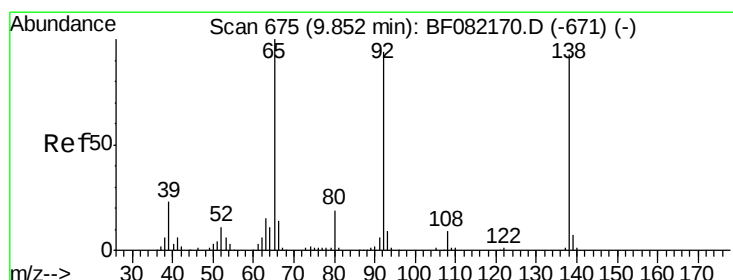
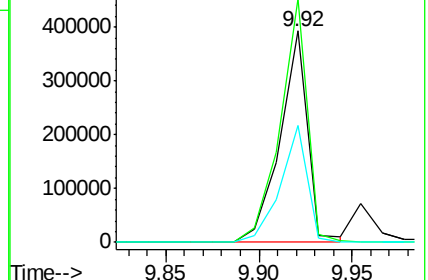
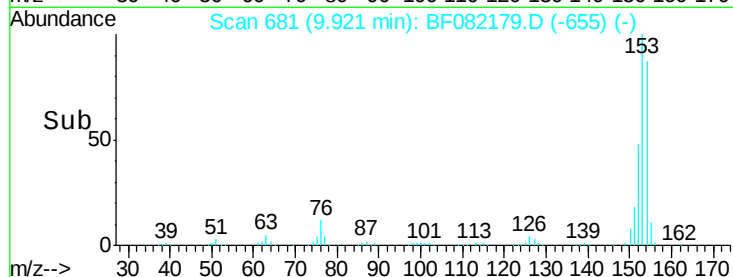
152 55.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.20 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

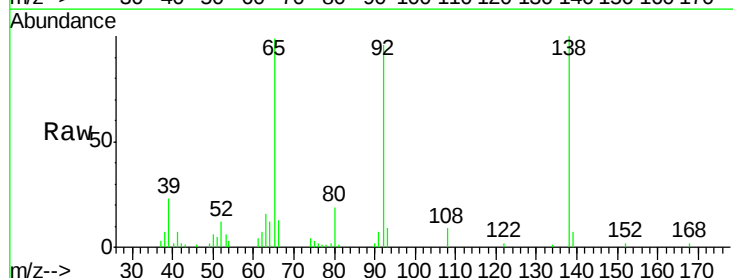
Tgt Ion:138 Resp: 56579

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

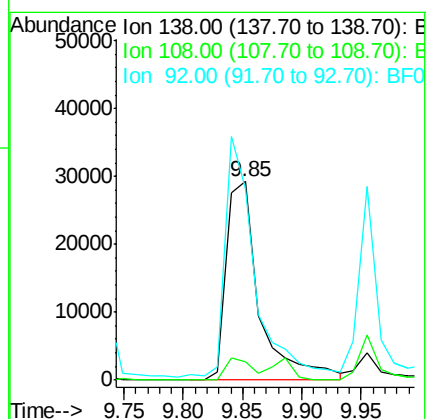
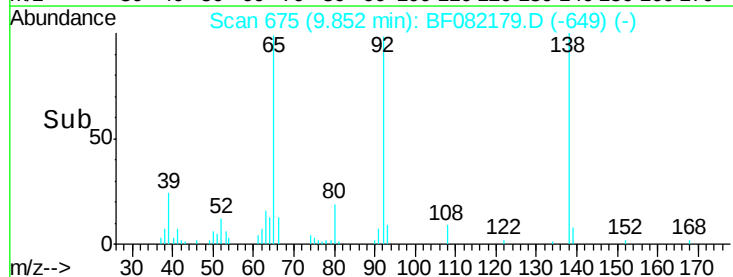
92 96.1 81.3 121.9



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

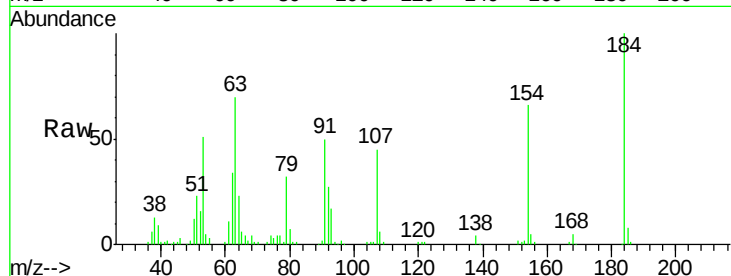




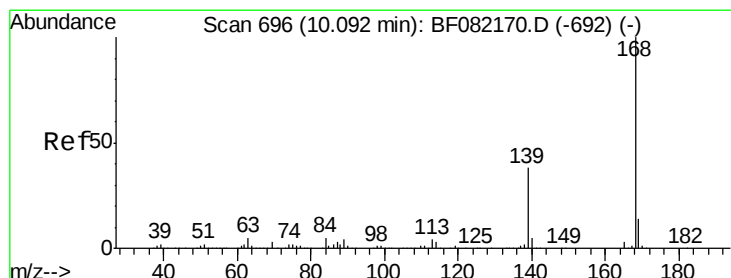
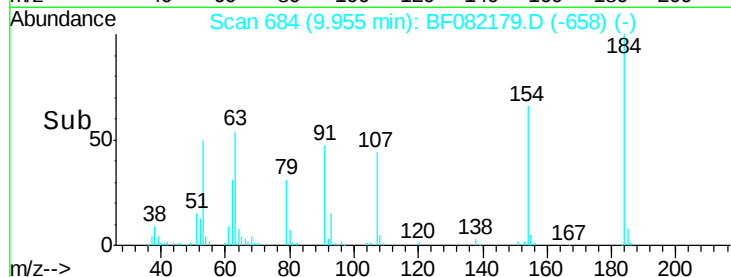
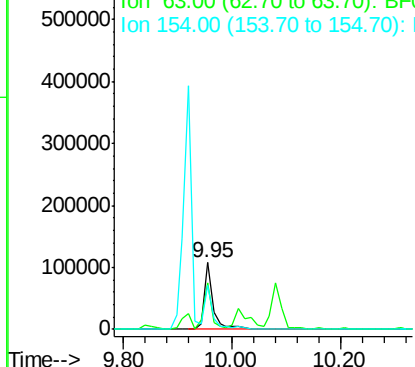
#53
2,4-Dinitrophenol
Concen: 89.77 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion:184 Resp: 125590
Ion Ratio Lower Upper
184 100
63 69.8 45.1 67.7#
154 66.2 51.2 76.8

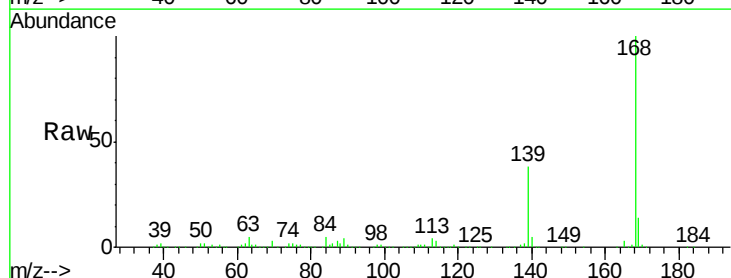


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

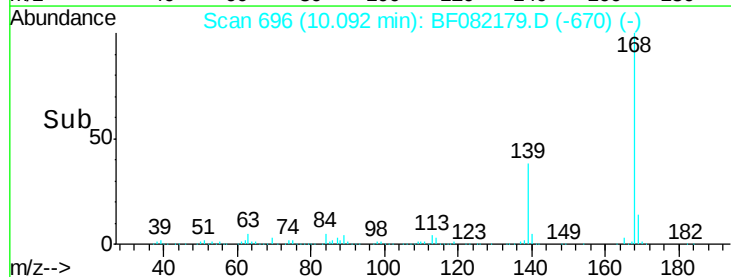
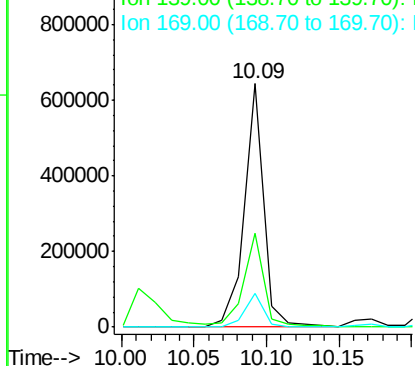


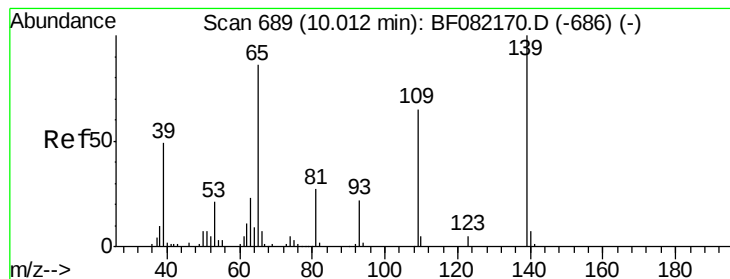
#54
Dibenzofuran
Concen: 46.73 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:168 Resp: 601226
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.6
169 13.6 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: 75.17 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

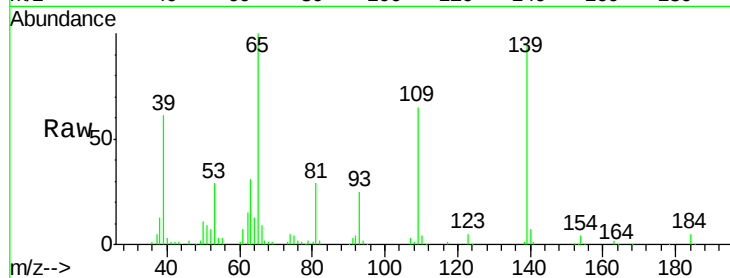
Tgt Ion:139 Resp: 141997

Ion Ratio Lower Upper

139 100

109 69.0 44.8 84.8

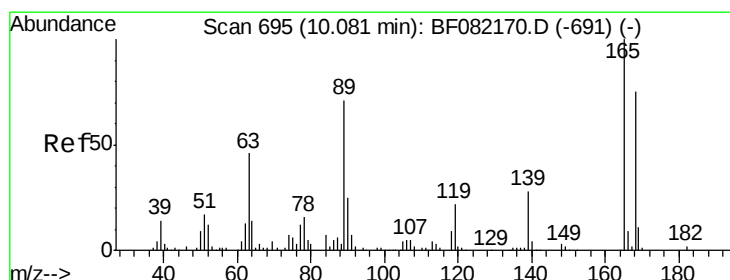
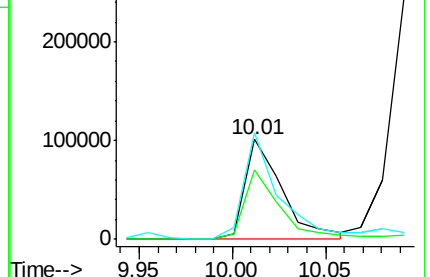
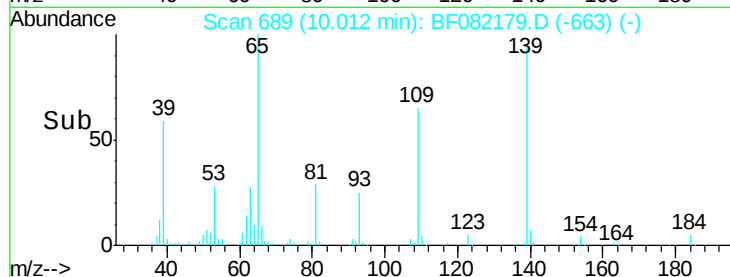
65 106.3 67.7 107.7



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): E



#56

2,4-Dinitrotoluene

Concen: 46.50 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:165 Resp: 144155

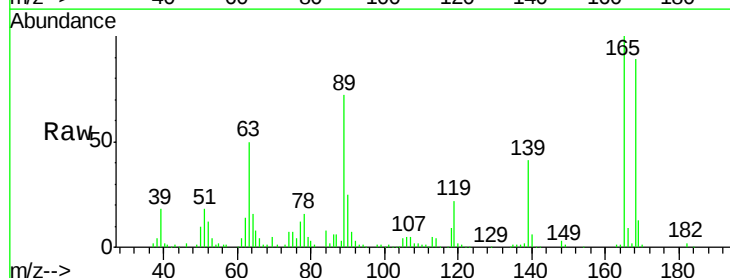
Ion Ratio Lower Upper

165 100

63 50.2 38.6 58.0

89 72.1 57.0 85.6

182 2.4 1.8 2.6

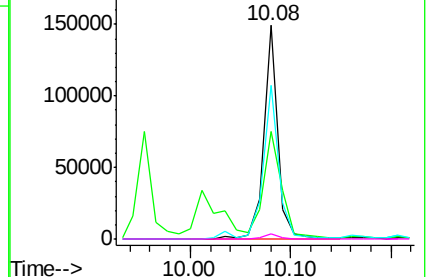
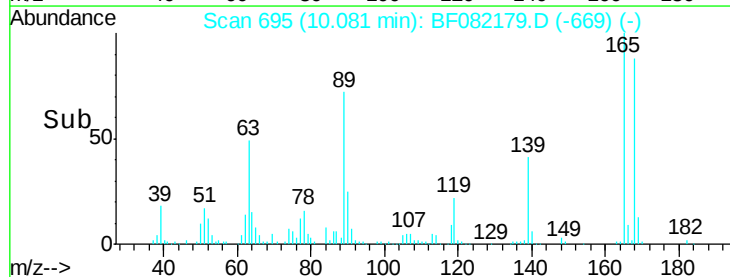


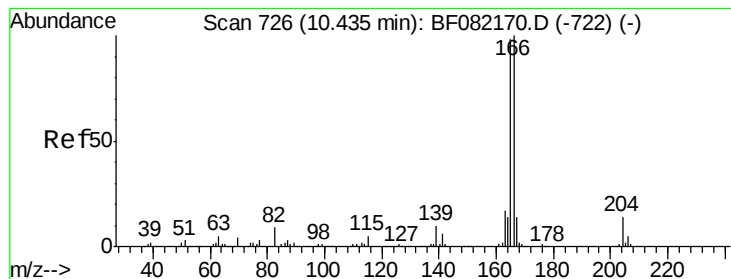
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.46 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

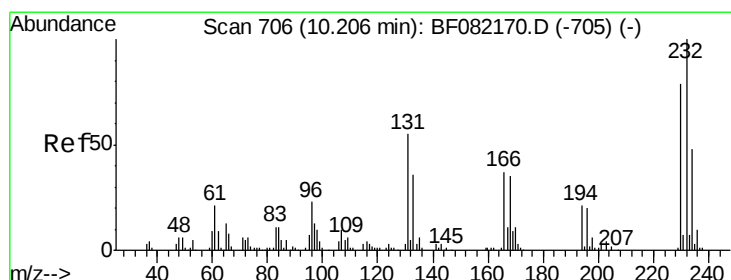
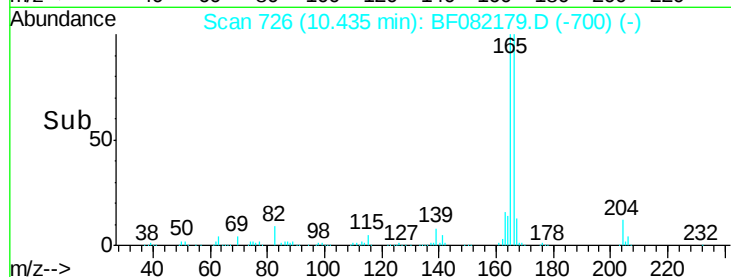
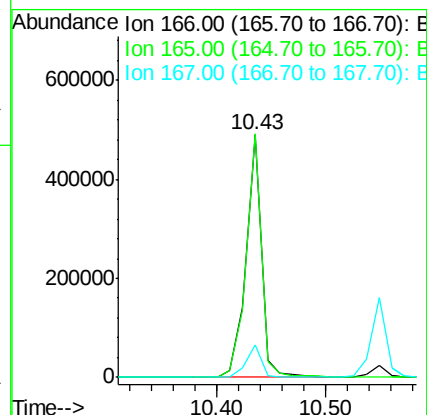
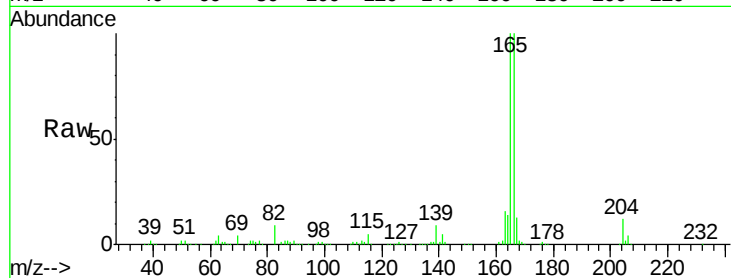
Tgt Ion:166 Resp: 480420

Ion Ratio Lower Upper

166 100

165 100.3 78.3 117.5

167 13.3 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.28 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:232 Resp: 126337

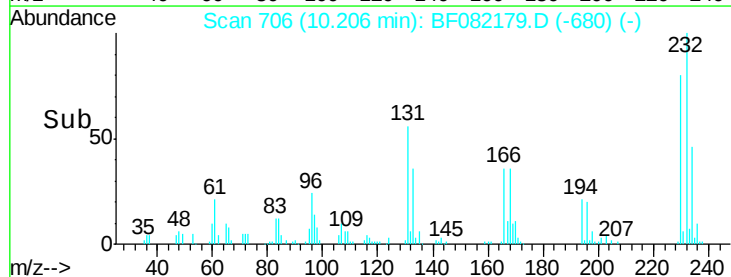
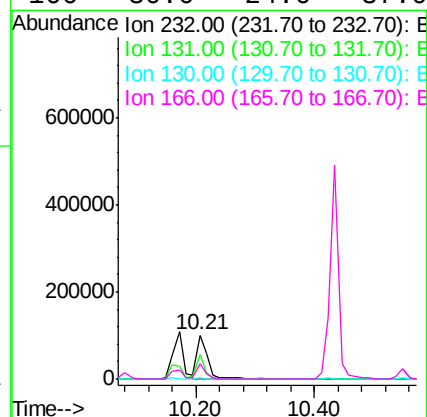
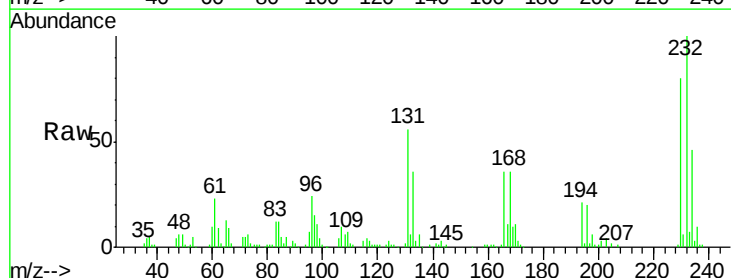
Ion Ratio Lower Upper

232 100

131 46.2 36.6 54.8

130 1.8 1.5 2.3

166 30.0 24.6 37.0





#59

Diethylphthalate

Concen: 43.46 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

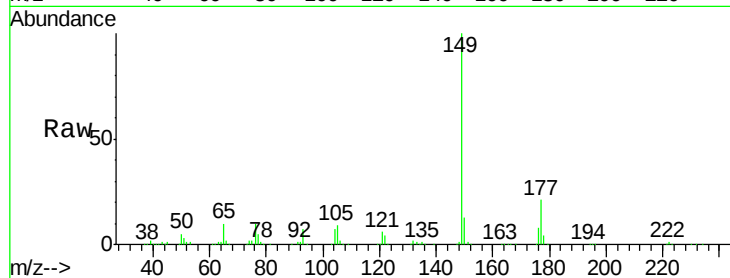
Tgt Ion:149 Resp: 476190

Ion Ratio Lower Upper

149 100

177 21.2 17.6 26.4

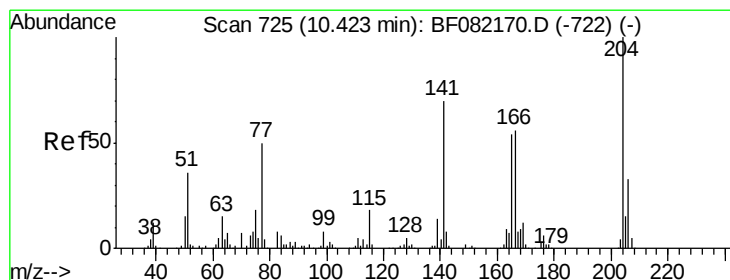
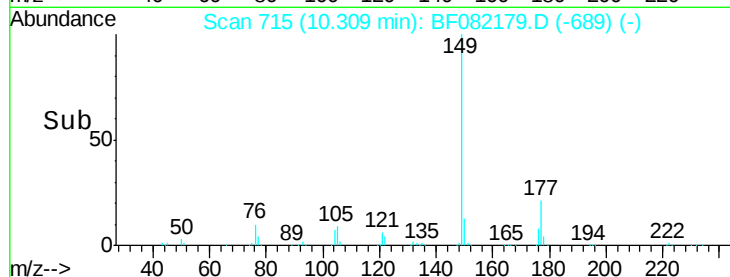
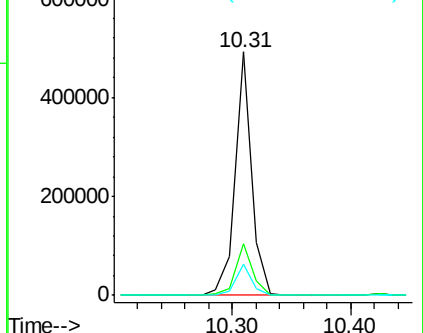
150 12.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.79 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

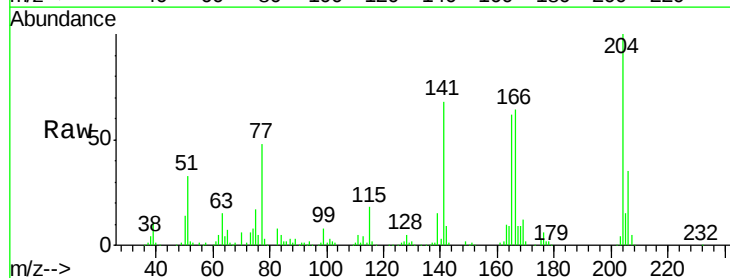
Tgt Ion:204 Resp: 211954

Ion Ratio Lower Upper

204 100

206 34.8 26.8 40.2

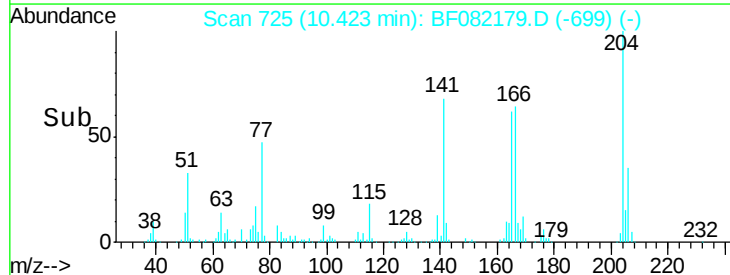
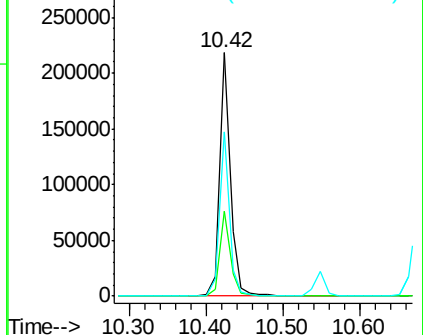
141 67.7 56.1 84.1



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: 41.99 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

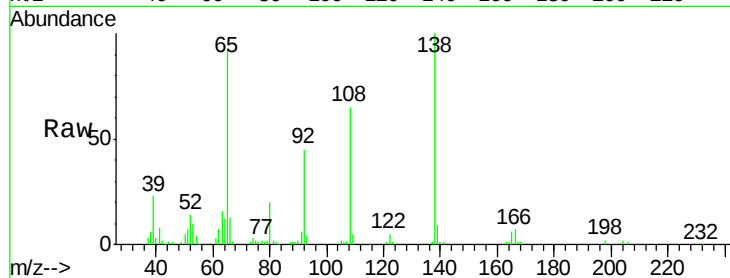
Tgt Ion:138 Resp: 114095

Ion Ratio Lower Upper

138 100

92 44.6 26.8 66.8

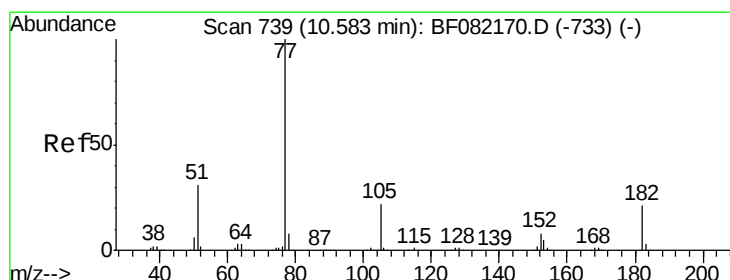
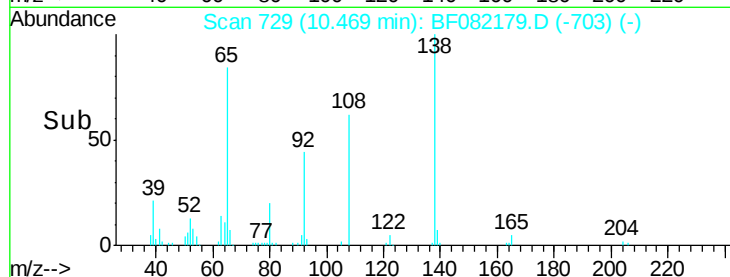
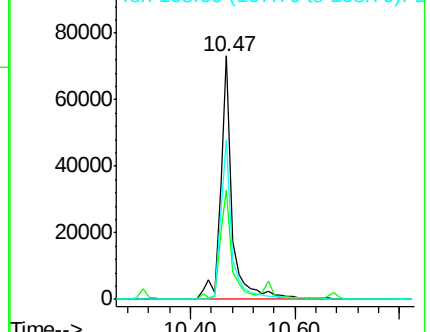
108 65.4 48.4 88.4



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: 44.35 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion: 77 Resp: 475622

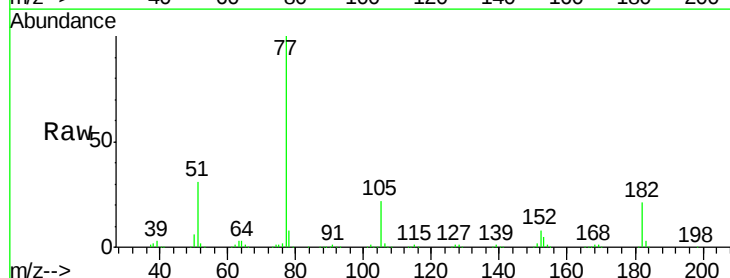
Ion Ratio Lower Upper

77 100

182 21.1 0.5 40.5

105 21.8 1.8 41.8

51 30.6 11.2 51.2

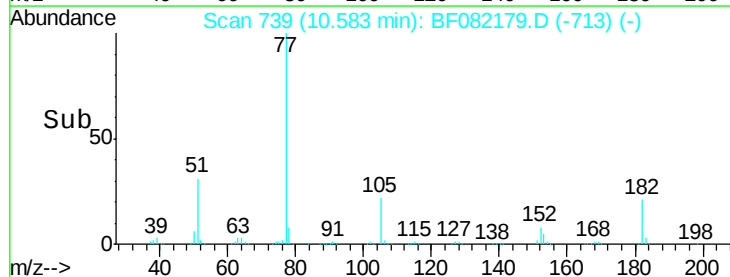
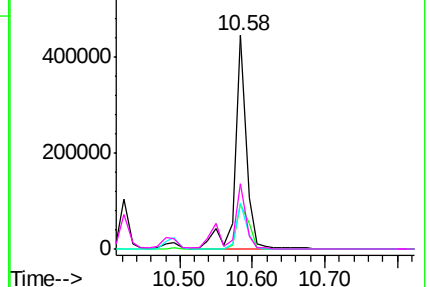


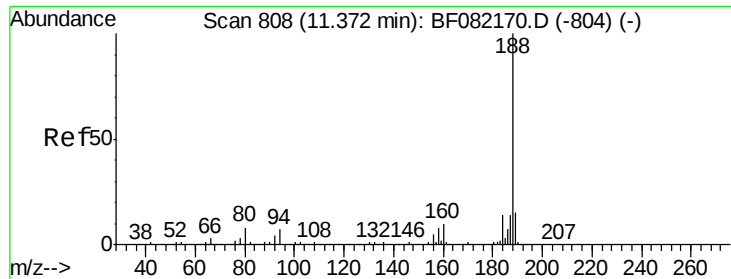
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

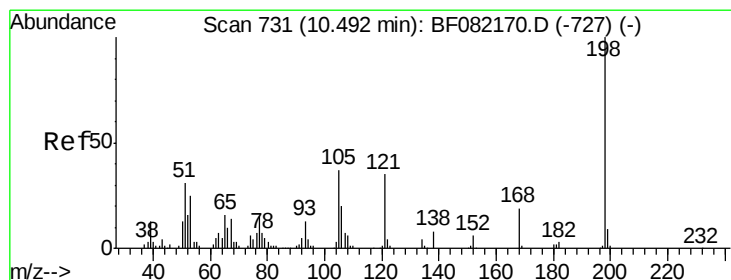
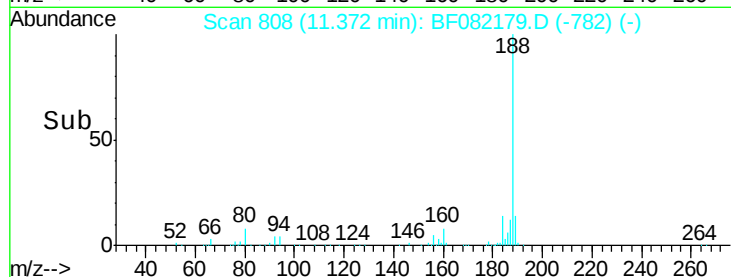
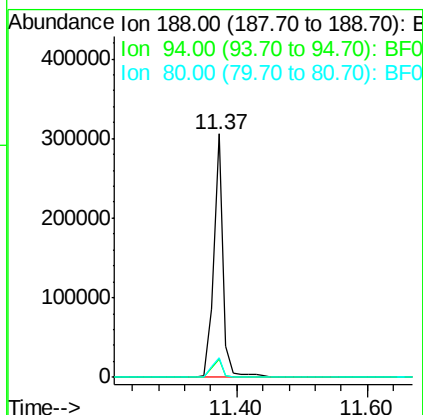
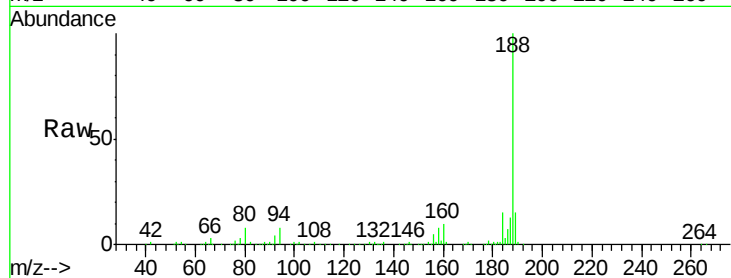




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

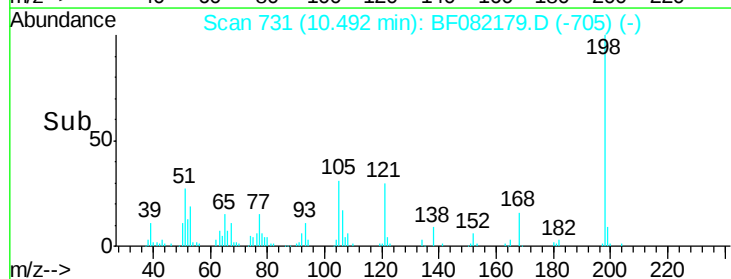
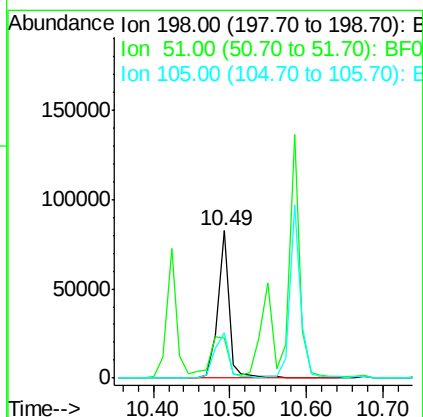
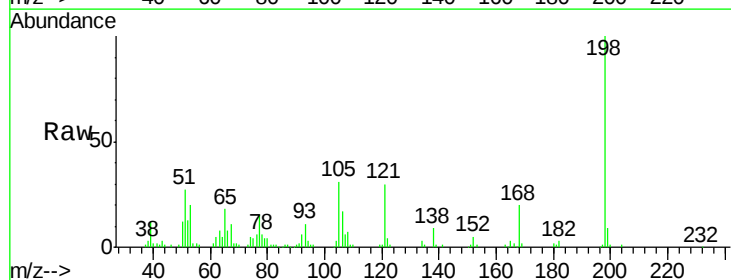
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

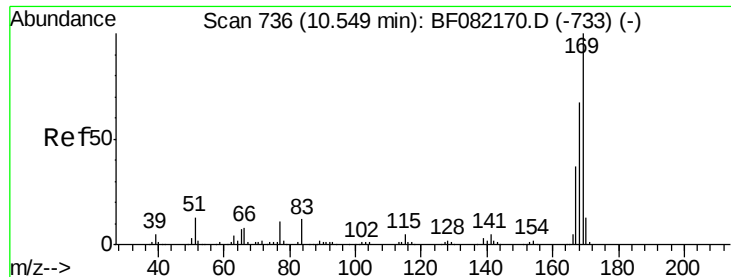
Tgt Ion:188 Resp: 312731
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.0 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 48.00 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:198 Resp: 84236
Ion Ratio Lower Upper
198 100
51 27.1 13.6 53.6
105 30.8 17.1 57.1

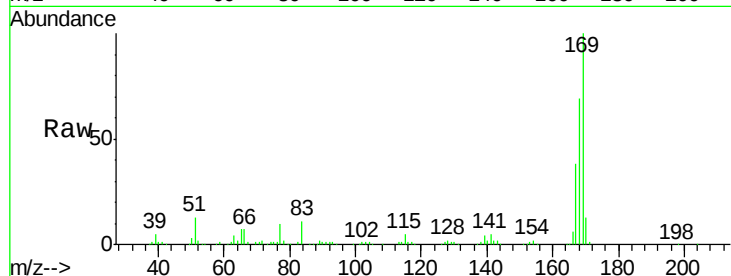




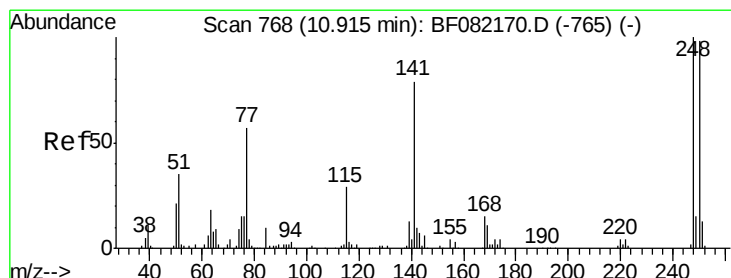
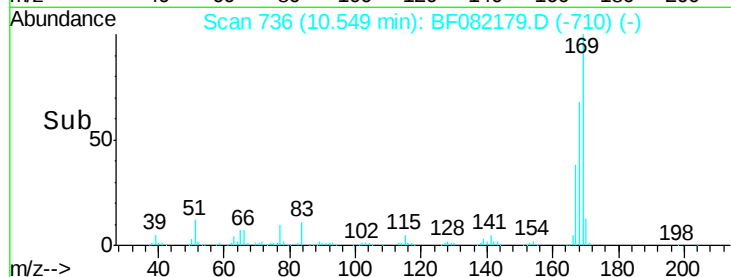
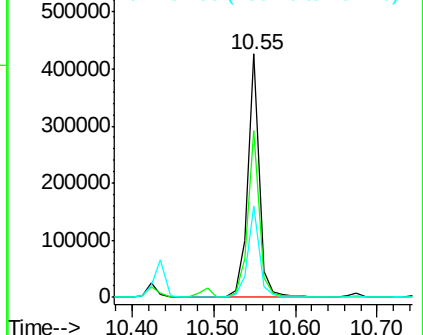
#65
n-Nitrosodiphenylamine
Concen: 44.71 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion:169 Resp: 418620
Ion Ratio Lower Upper
169 100
168 68.5 54.0 81.0
167 37.6 29.6 44.4

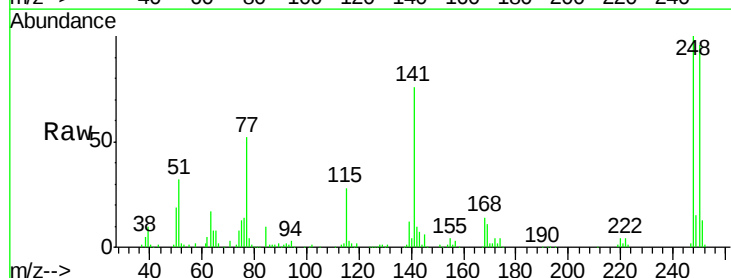


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

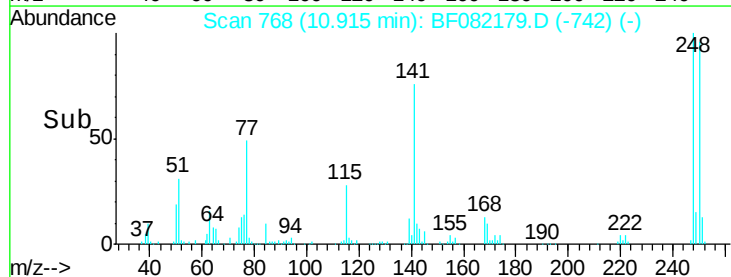
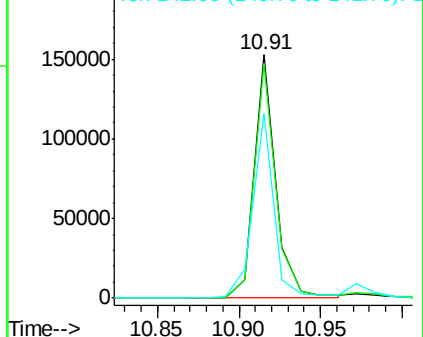


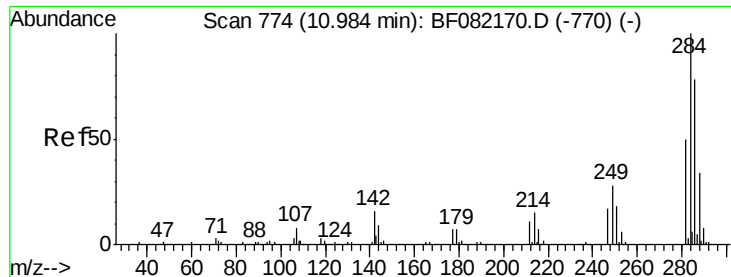
#66
4-Bromophenyl-phenylether
Concen: 44.86 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:248 Resp: 140387
Ion Ratio Lower Upper
248 100
250 96.3 78.6 117.8
141 75.7 63.3 94.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

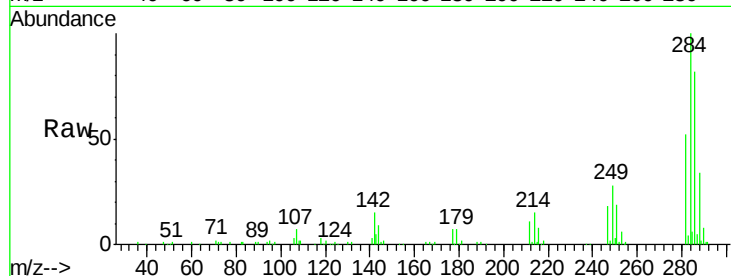




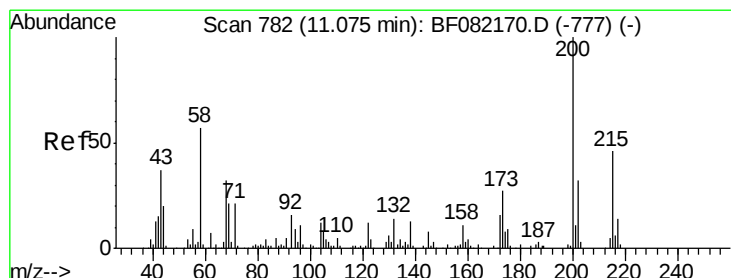
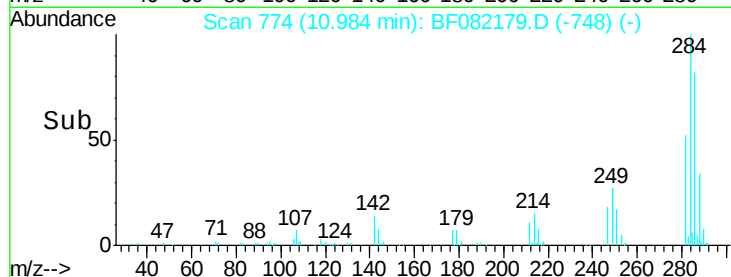
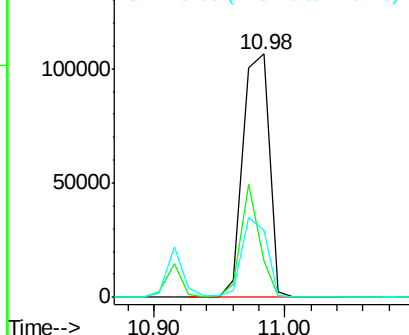
#67
Hexachlorobenzene
Concen: 44.14 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	15.2	13.0	19.6
249	27.6	22.5	33.7

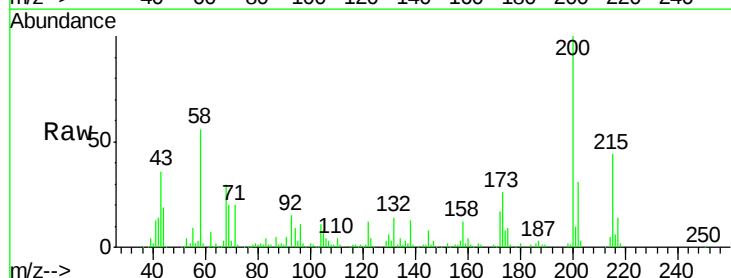


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

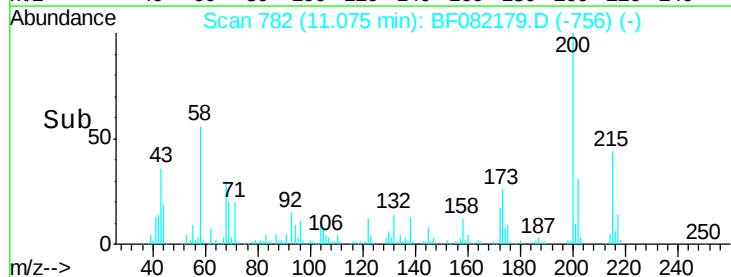
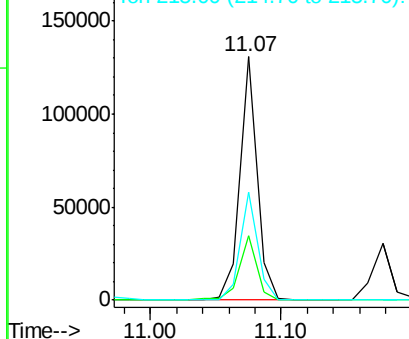


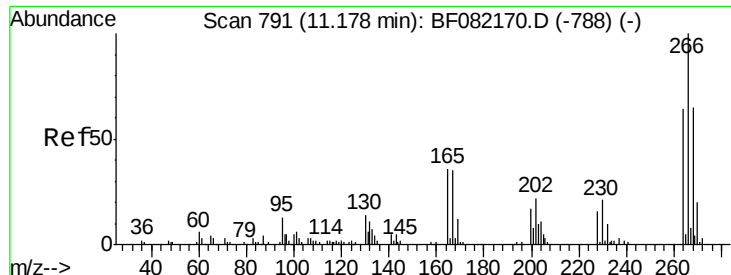
#68
Atrazine
Concen: 40.17 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.3	47.3
215	44.4	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

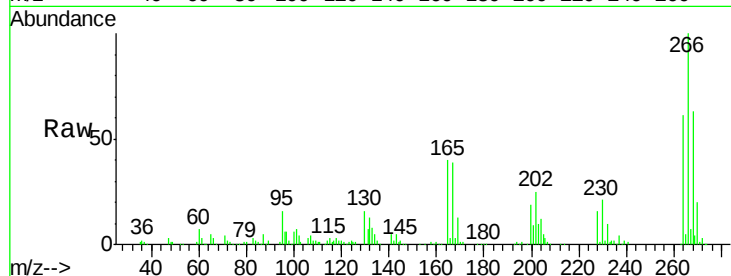




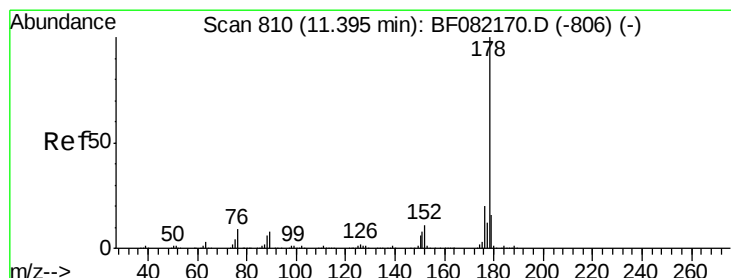
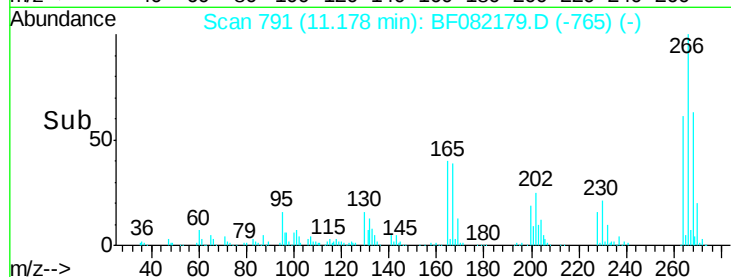
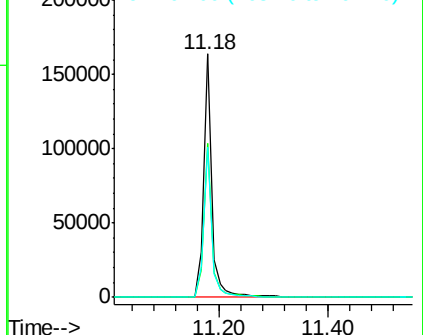
#69
 Pentachlorophenol
 Concen: 99.03 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion:266 Resp: 172488
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.0 78.0
 264 61.4 51.4 77.0

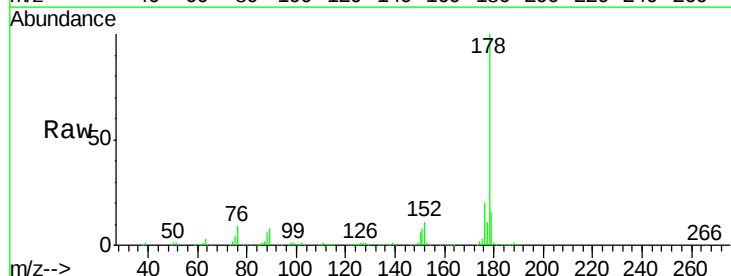


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

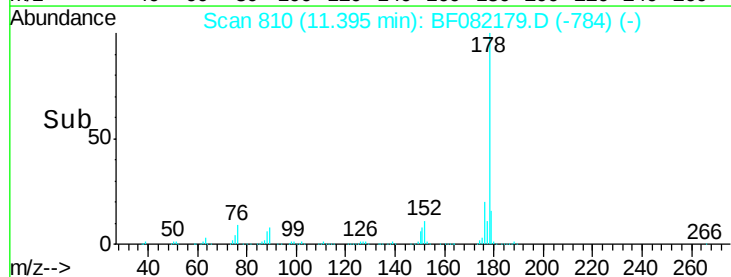
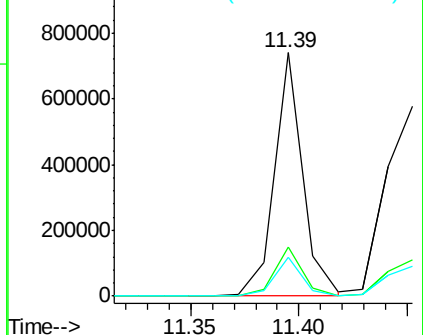


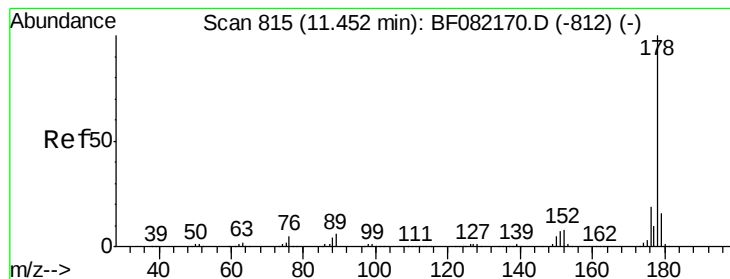
#70
 Phenanthrene
 Concen: 44.08 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion:178 Resp: 675717
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.8 12.6 19.0



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





#71

Anthracene

Concen: 47.30 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

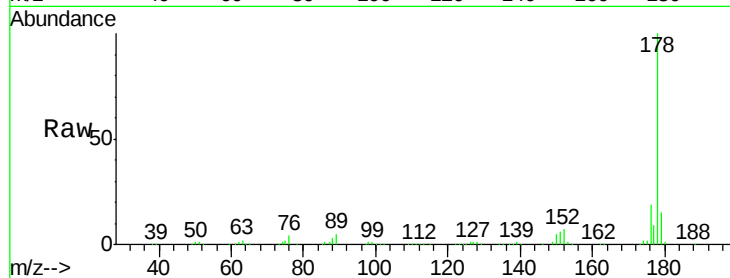
Tgt Ion:178 Resp: 747070

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

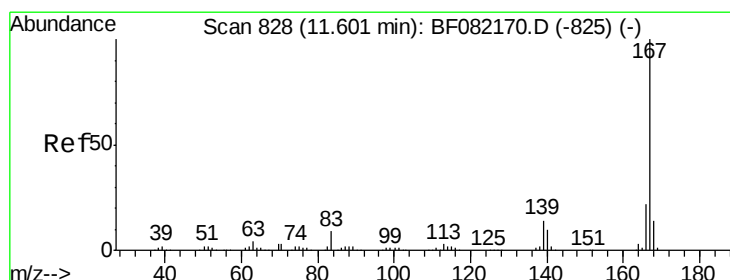
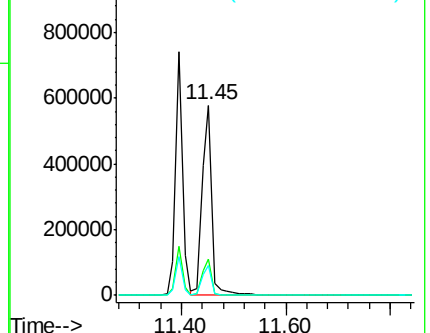
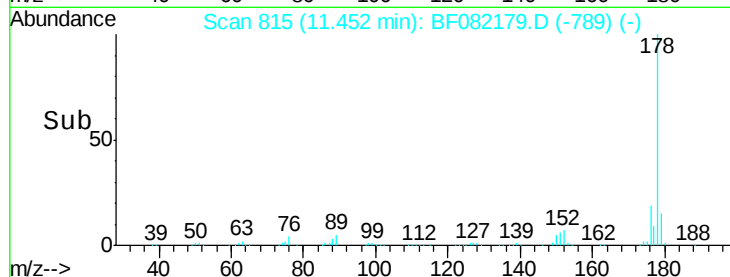
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.46 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

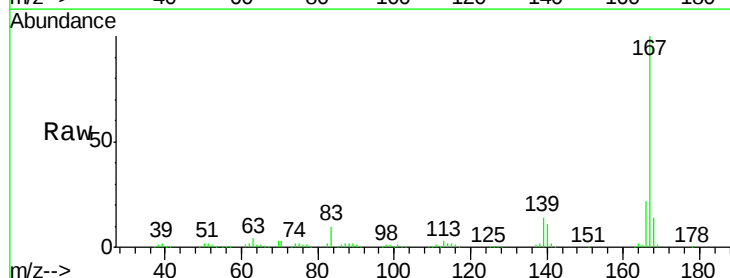
Tgt Ion:167 Resp: 626257

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

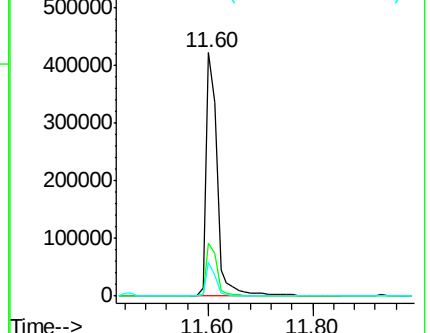
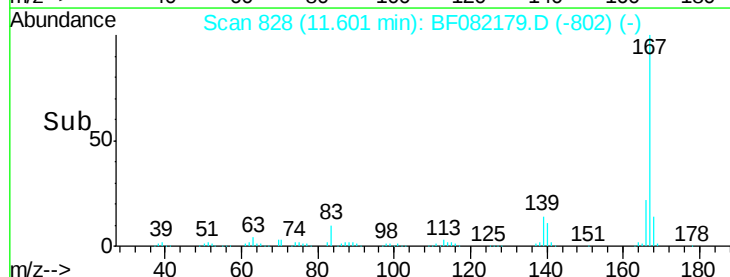
139 14.0 11.2 16.8



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

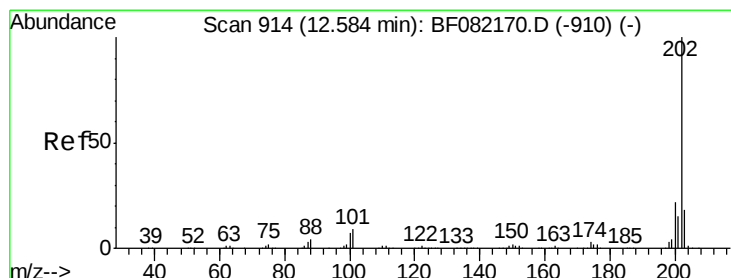
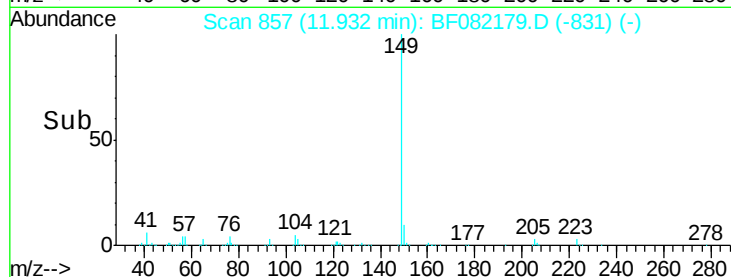
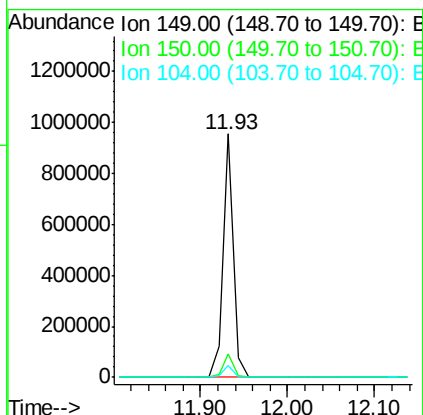
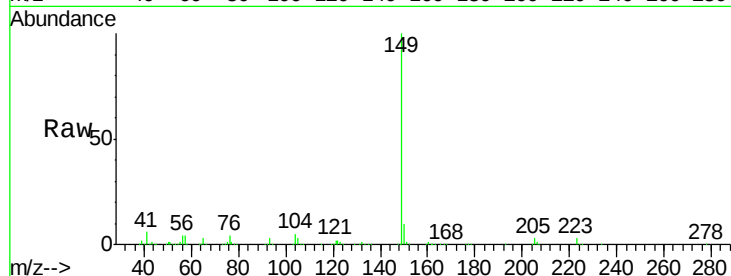




#73
Di-n-butylphthalate
Concen: 45.07 ng
RT: 11.93 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

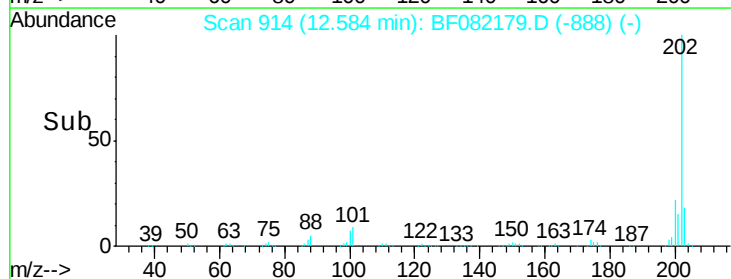
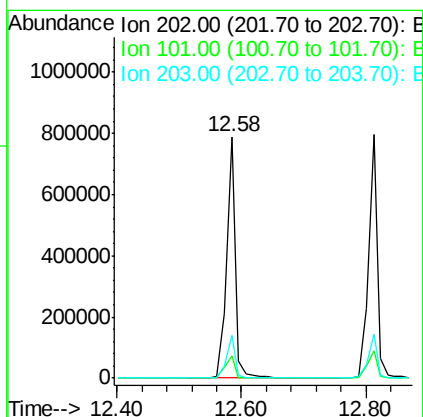
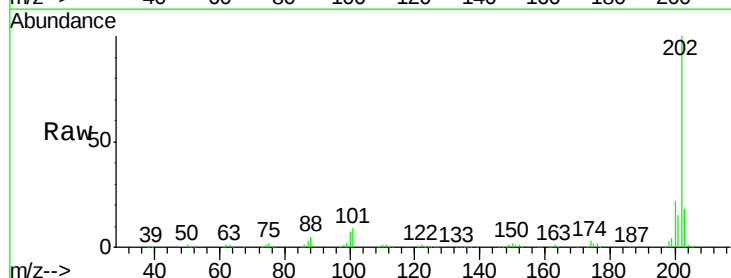
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

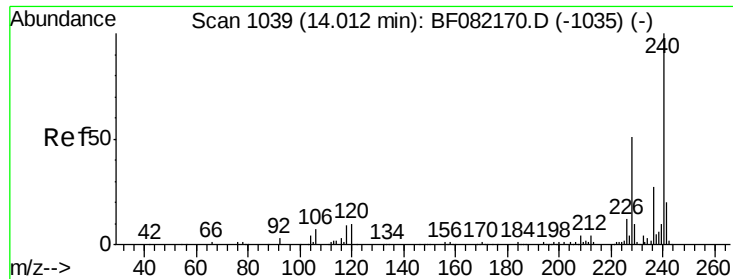
Tgt Ion:149 Resp: 801217
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 46.22 ng
RT: 12.58 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:202 Resp: 760943
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.9 0.0 37.8

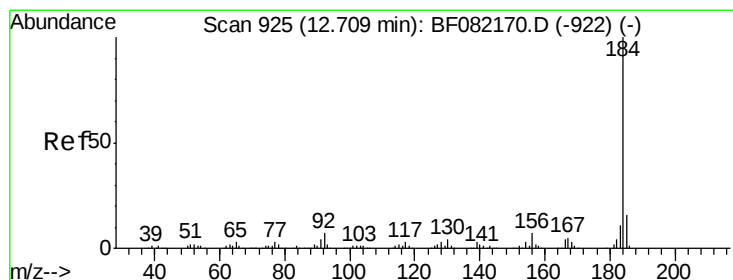
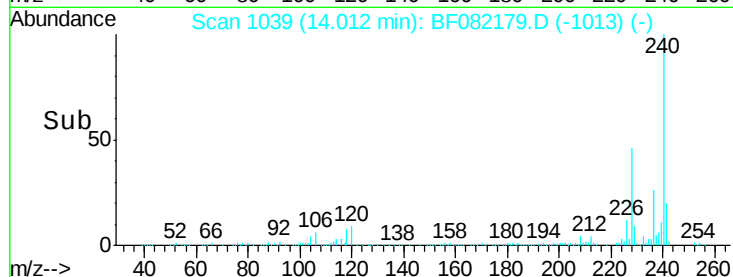
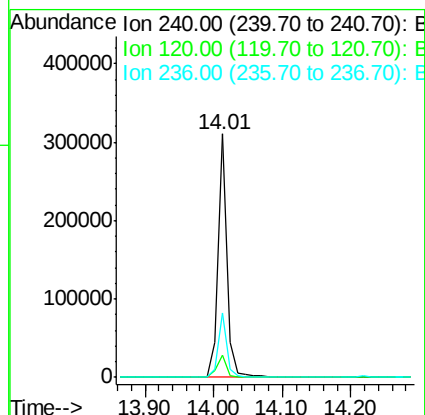
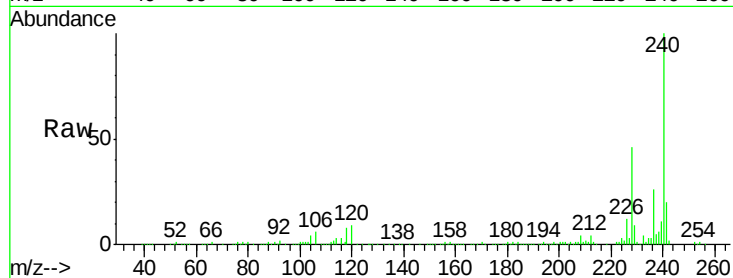




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

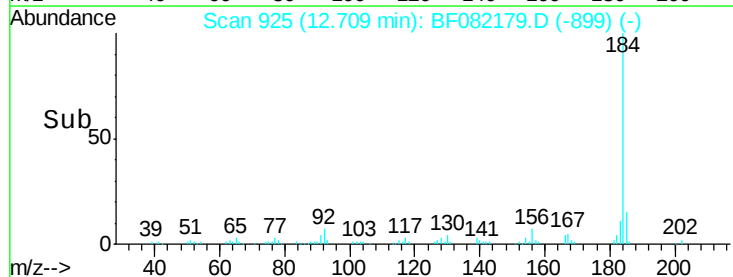
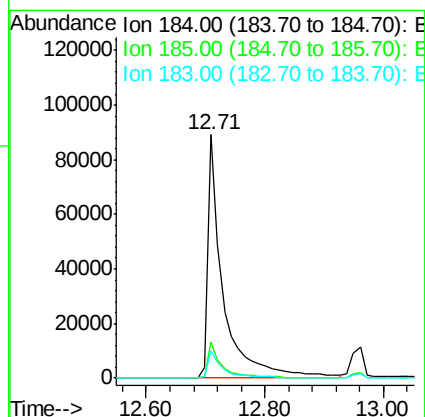
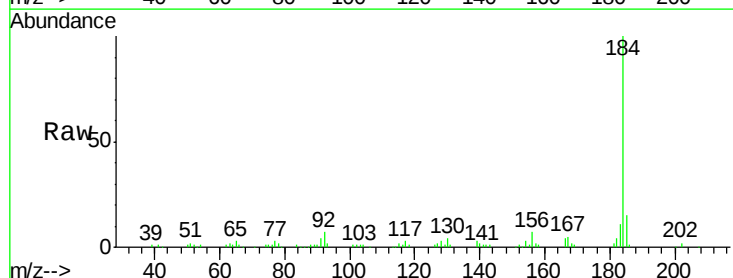
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

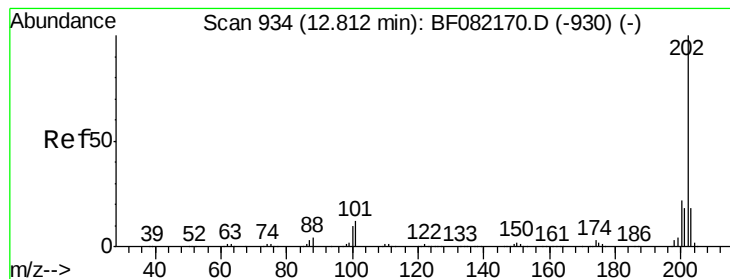
Tgt Ion:240 Resp: 287309
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.3 21.3 31.9



#76
Benzidine
Concen: 19.51 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:184 Resp: 162473
Ion Ratio Lower Upper
184 100
185 14.8 12.5 18.7
183 11.1 9.1 13.7





#77

Pyrene

Concen: 44.97 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

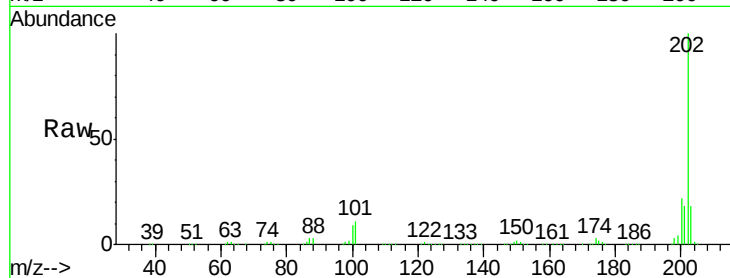
Tgt Ion: 202 Resp: 766844

Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

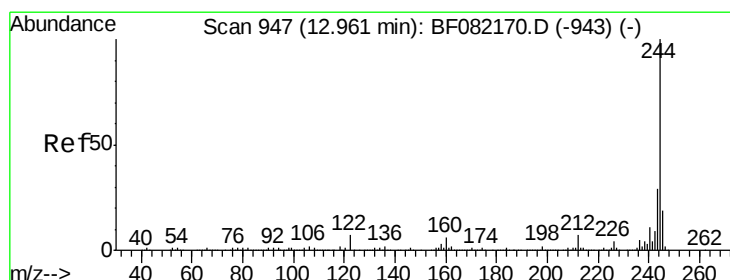
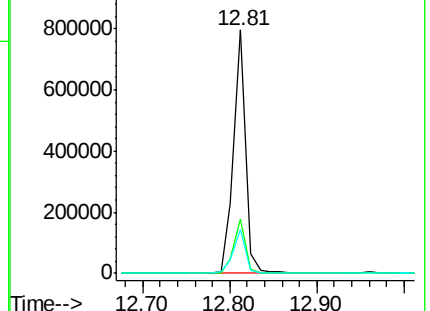
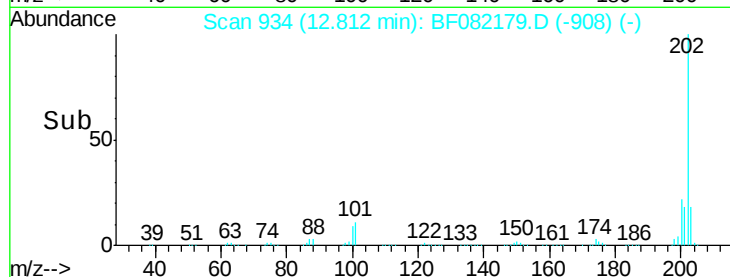
203 17.9 14.5 21.7



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: 94.54 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

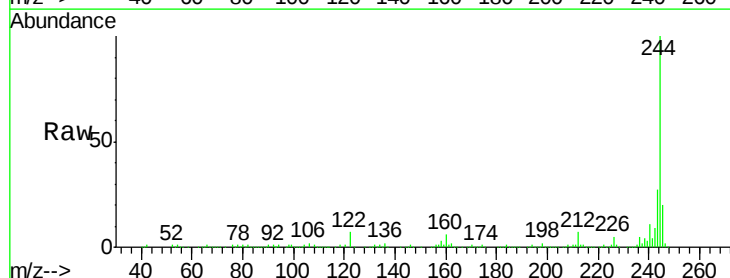
Tgt Ion: 244 Resp: 1025008

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

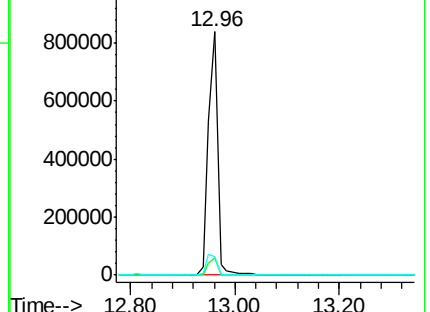
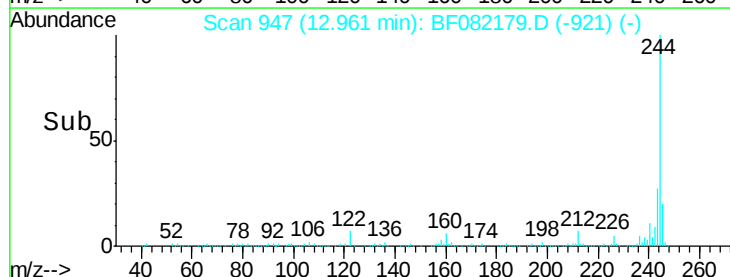
122 7.3 5.9 8.9

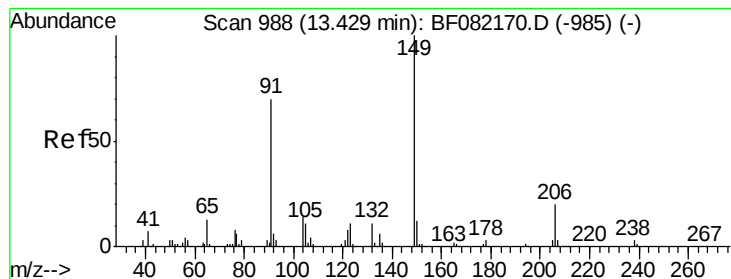


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.48 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

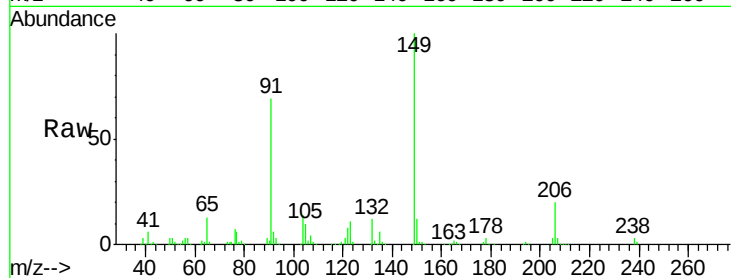
Tgt Ion:149 Resp: 338344

Ion Ratio Lower Upper

149 100

91 69.0 55.7 83.5

206 19.6 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

400000

300000

200000

100000

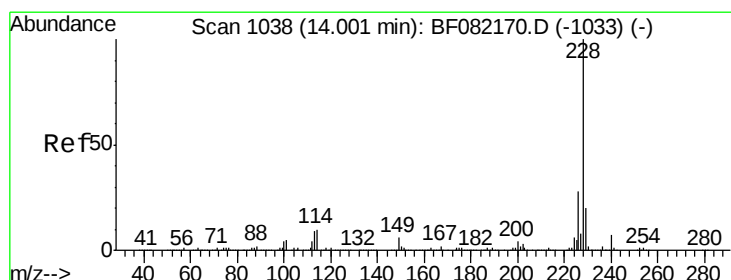
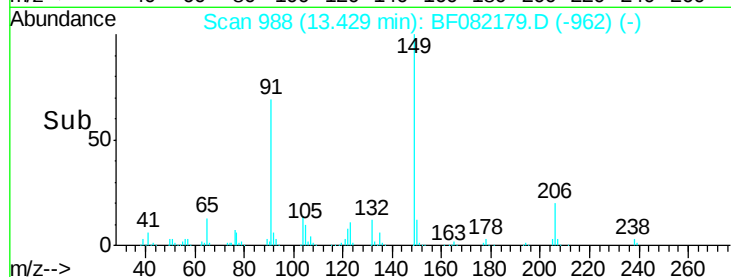
0

13.43

13.40

13.50

Time-->



#80

Benzo(a)anthracene

Concen: 45.56 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

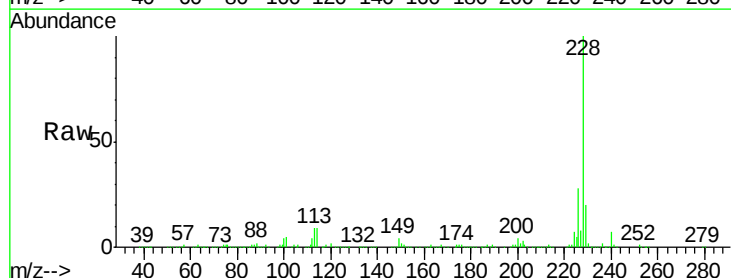
Tgt Ion:228 Resp: 681038

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 19.9 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

800000

600000

400000

200000

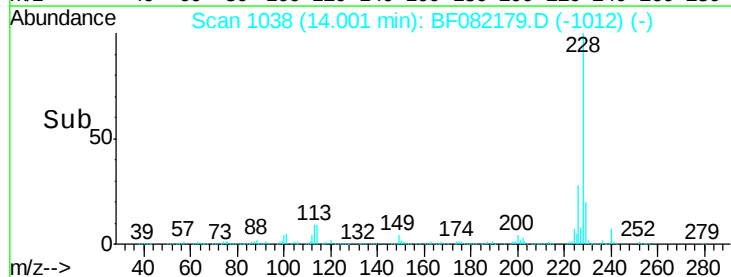
0

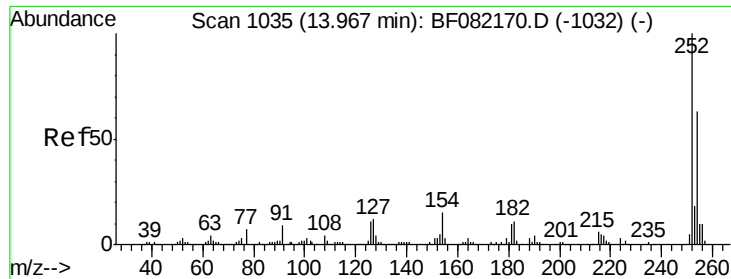
14.00

13.95

14.05

Time-->

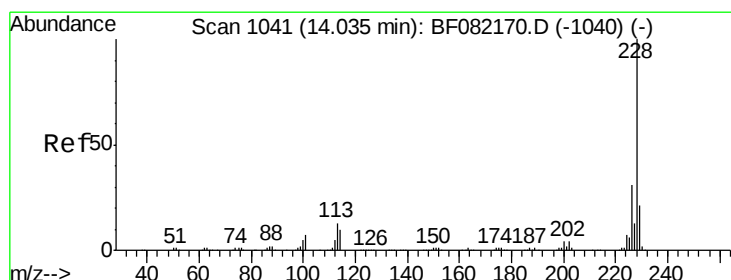
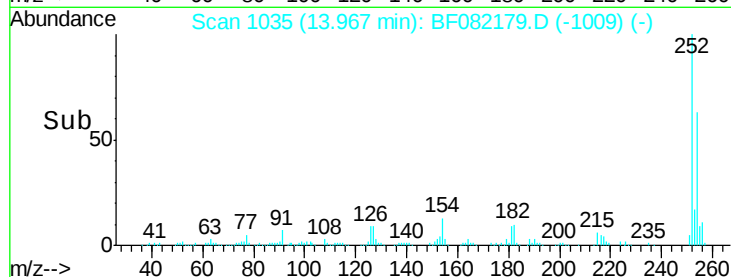
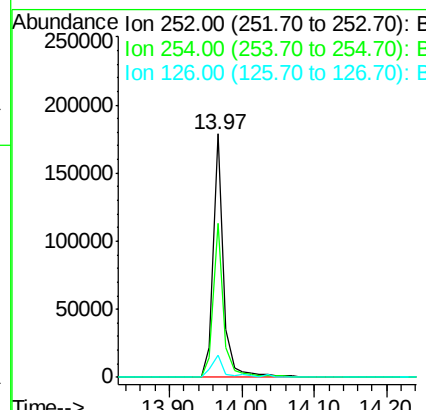
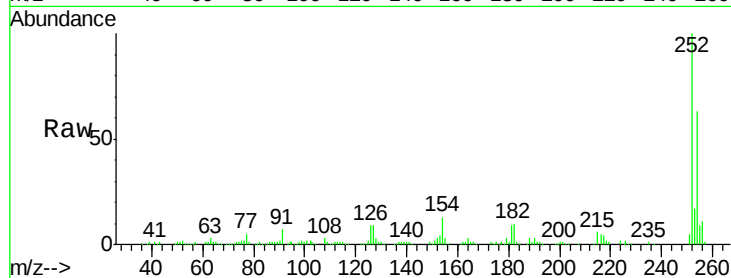




#81
 3,3'-Dichlorobenzidine
 Concen: 31.50 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

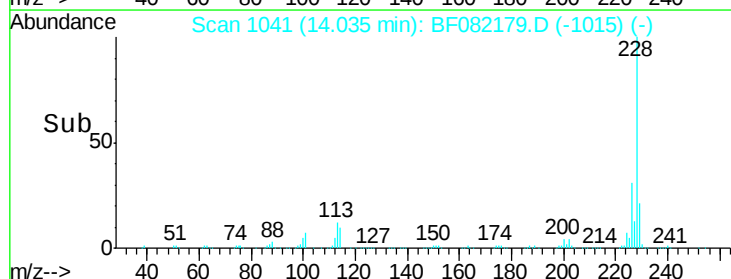
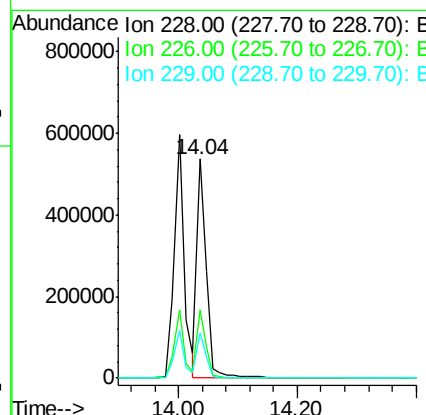
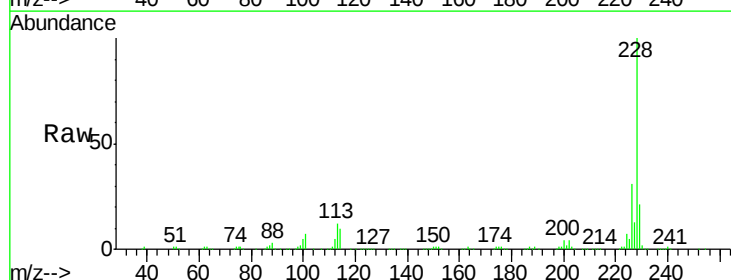
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

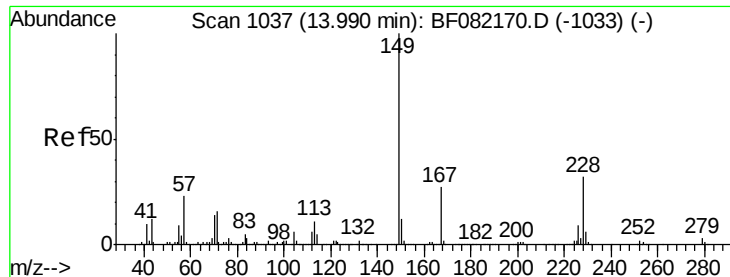
Tgt Ion: 252 Resp: 178728
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 9.3 9.0 13.6



#82
 Chrysene
 Concen: 37.91 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion: 228 Resp: 597182
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.6 16.3 24.5

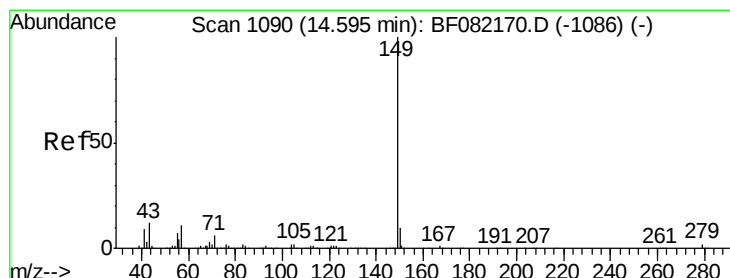
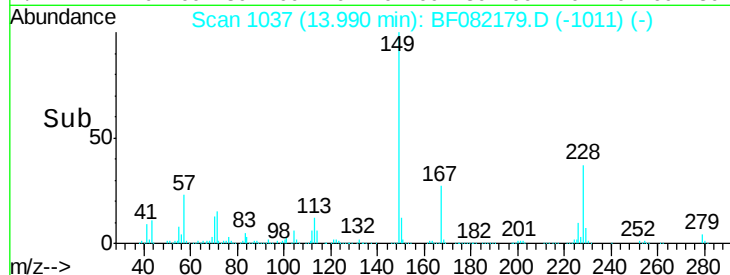
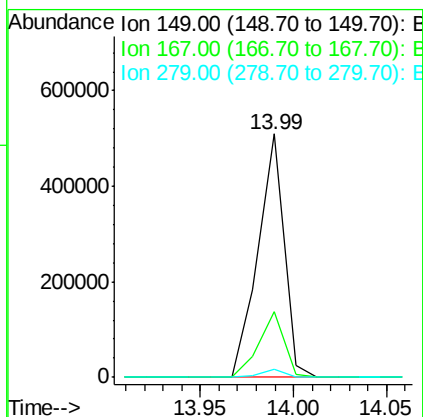
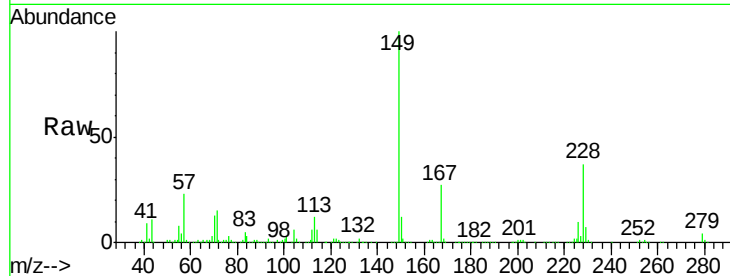




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.71 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

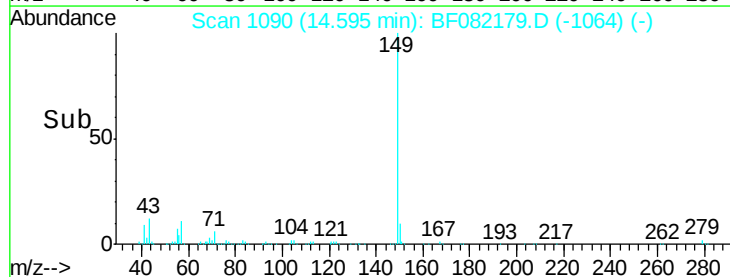
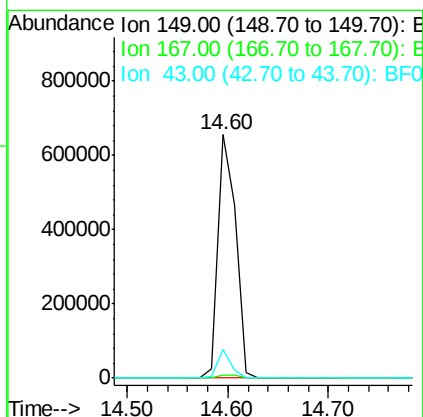
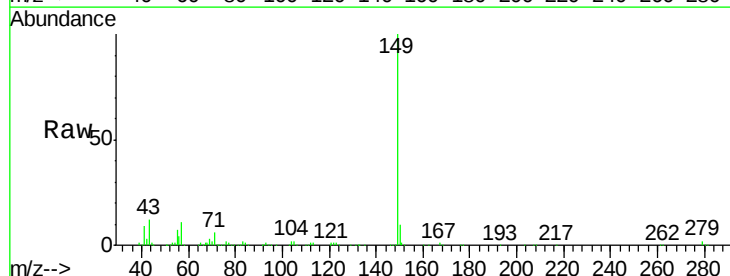
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion:149 Resp: 496290
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.6 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 41.98 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion:149 Resp: 800437
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.4 7.4 11.2

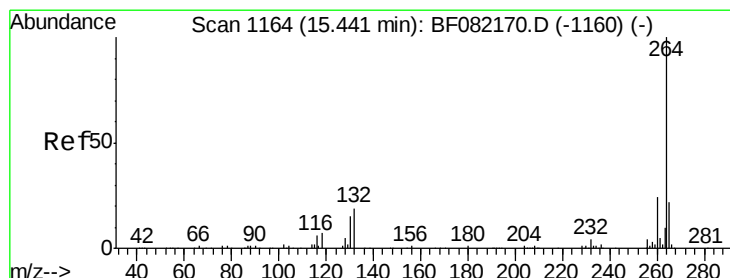
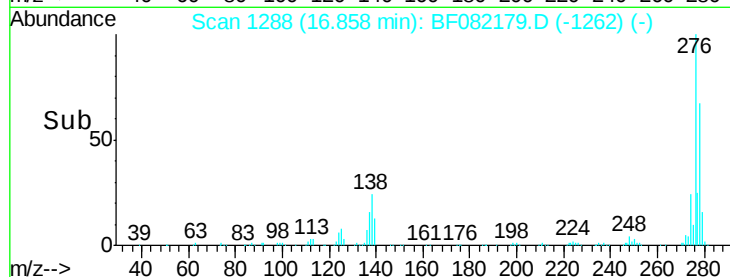
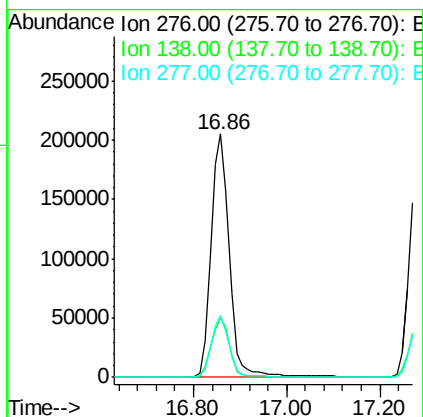
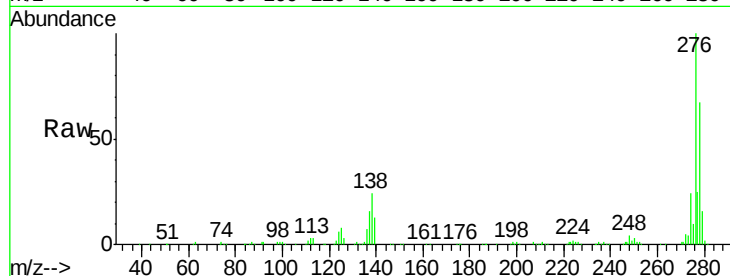




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.89 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

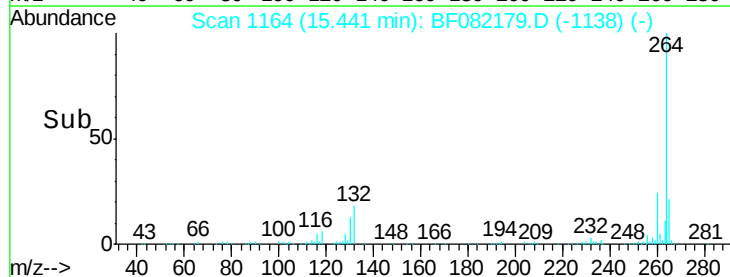
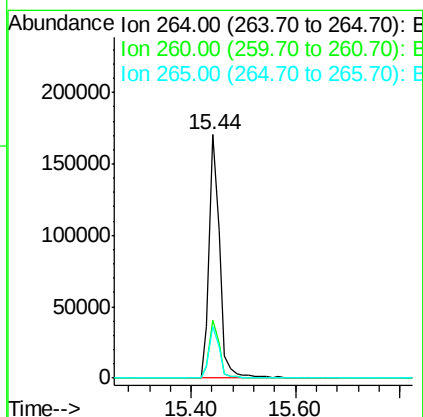
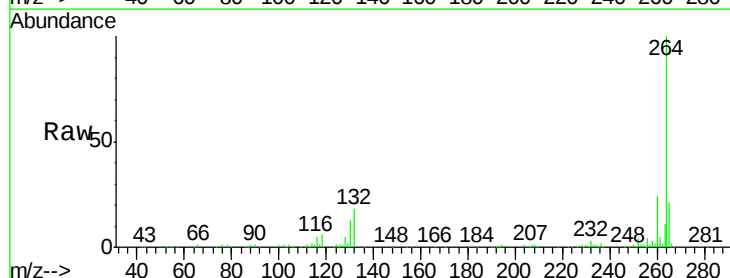
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

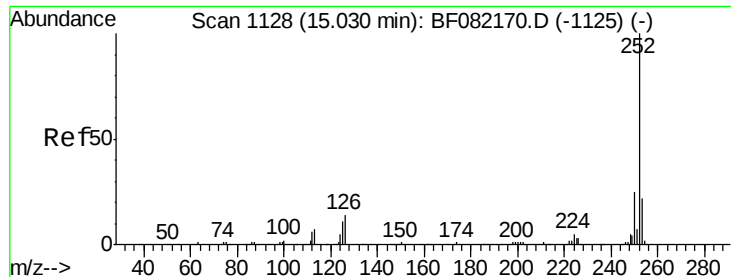
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.7	29.5
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.4	17.3	25.9

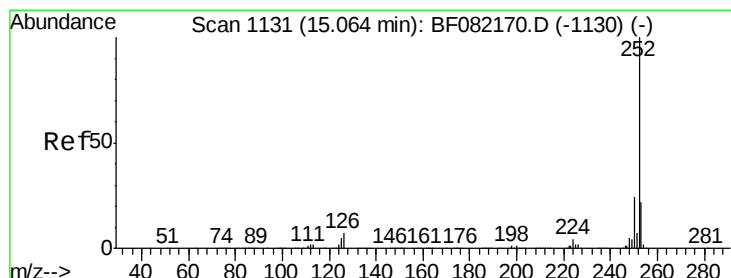
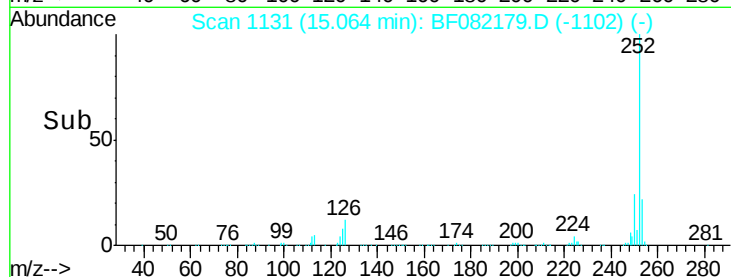
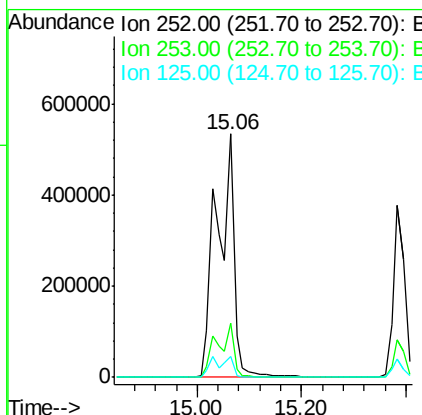
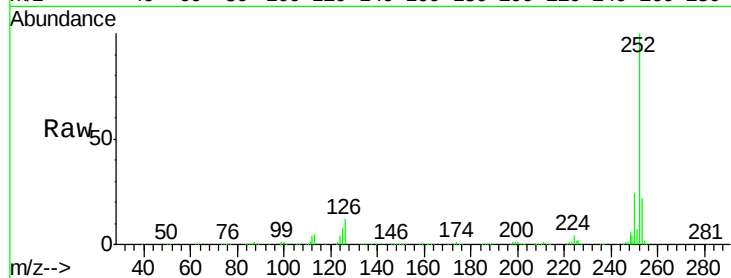




#87
Benzo(b)fluoranthene
Concen: 84.38 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

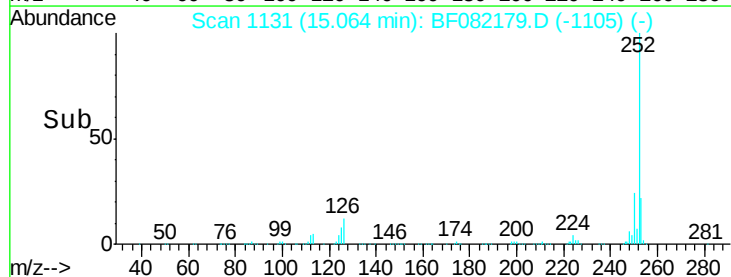
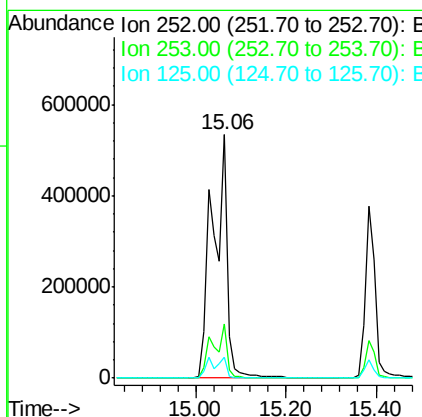
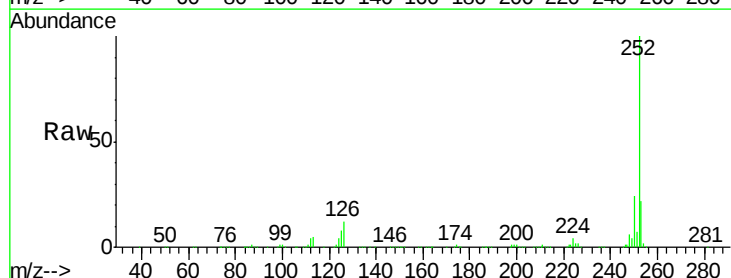
Instrument :
BNA_F
ClientSampleId :
PB86017BSD

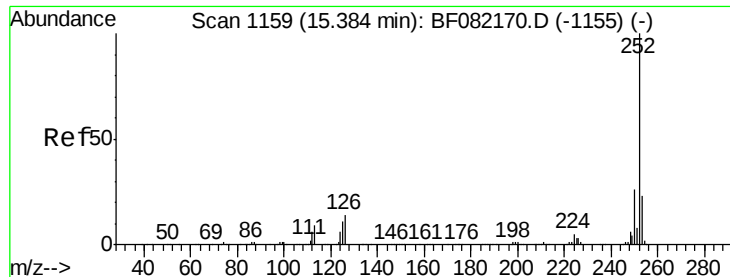
Tgt Ion:252 Resp: 1229977
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.4 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 100.61 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:252 Resp: 1232669
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.4 6.7 10.1





#89

Benzo(a)pyrene

Concen: 45.88 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD

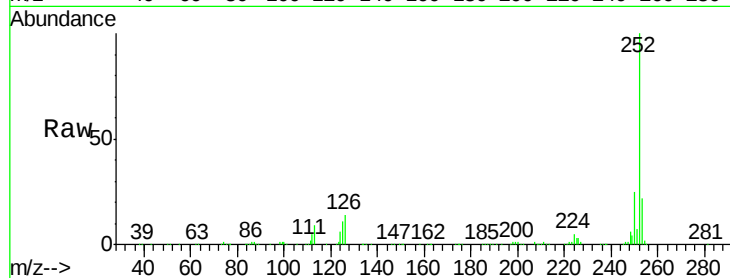
Tgt Ion:252 Resp: 574785

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

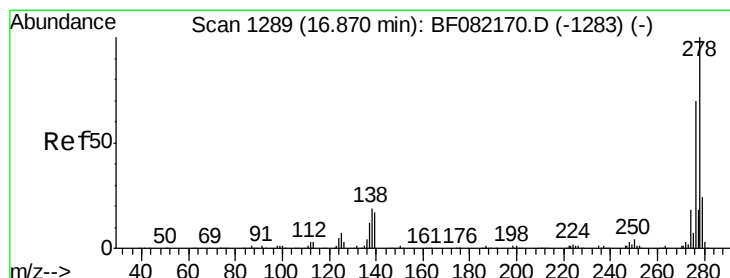
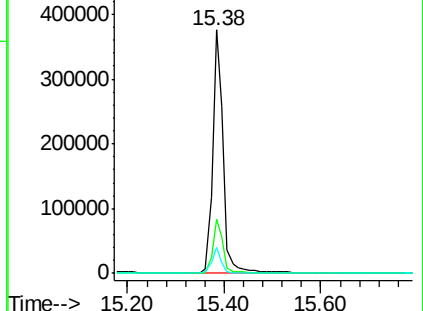
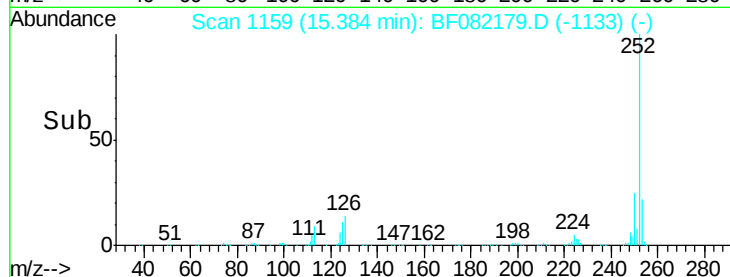
125 10.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.00 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

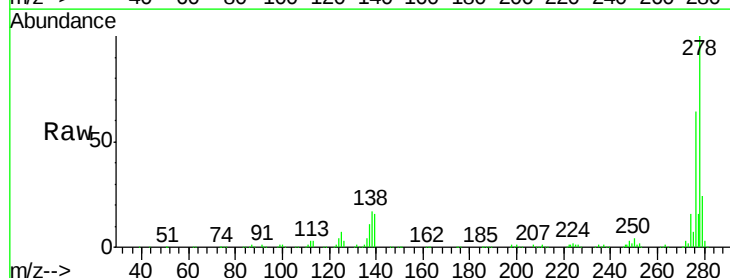
Tgt Ion:278 Resp: 472192

Ion Ratio Lower Upper

278 100

139 16.3 13.3 19.9

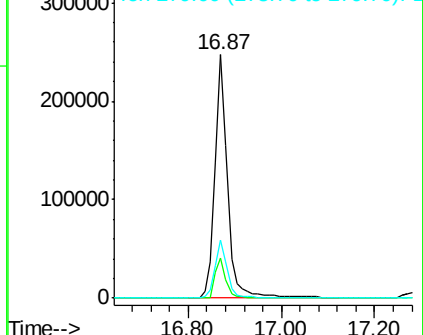
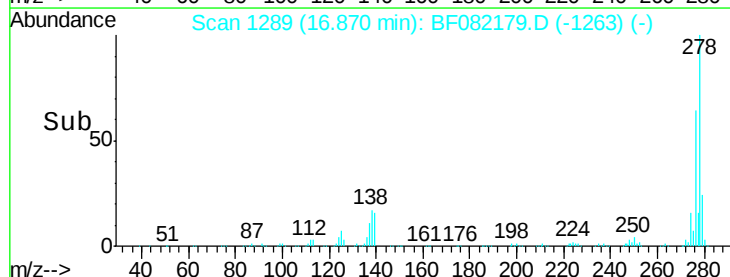
279 23.8 18.9 28.3

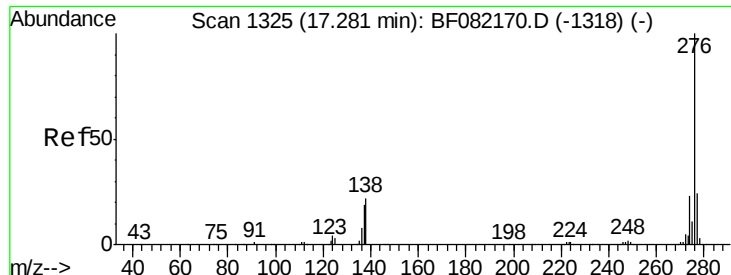


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.43 ng

RT: 17.28 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF082179.D

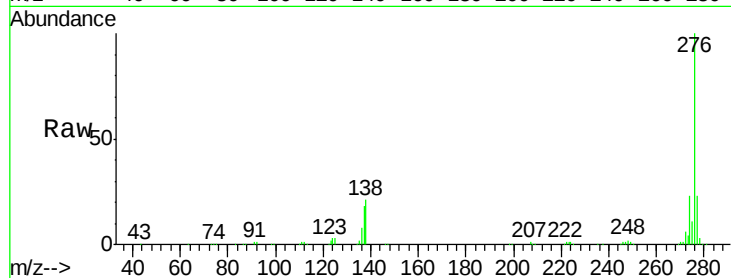
Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD



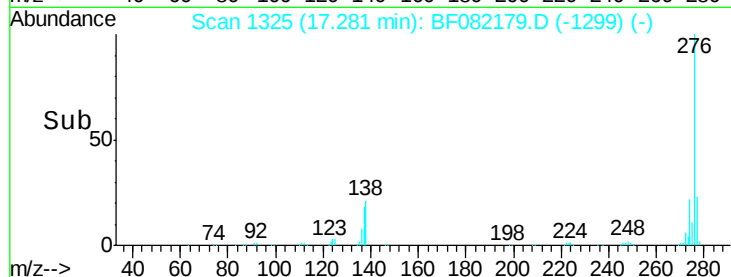
Tgt Ion: 276 Resp: 453075

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 21.2 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

