

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082979.D
 Acq On : 17 Nov 2015 21:33
 Operator : UM/IZ
 Sample : G4426-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:27:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	536298	20.00	ng	0.06
21) Naphthalene-d8	8.04	136	626314	20.00	ng	-0.10
38) Acenaphthene-d10	9.80	164	311466	20.00	ng	-0.09
63) Phenanthrene-d10	11.28	188	593109	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	422297	20.00	ng	-0.11
86) Perylene-d12	15.30	264	359463	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1394605	40.46	ng	-0.08
7) Phenol-d6	6.42	99	1933760	42.20	ng	-0.07
23) Nitrobenzene-d5	7.32	82	1157762	80.43	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	407224	114.03	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1806134	83.11	ng	-0.09
78) Terphenyl-d14	12.86	244	1681844	94.46	ng	-0.10

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	199912	13.44	ng	95
3) Pyridine	3.02	79	627860	14.55	ng	93
4) n-Nitrosodimethylamine	2.97	42	293507	13.71	ng	# 75
6) Aniline	6.50	93	559023	8.69	ng	# 54
8) 2-Chlorophenol	6.54	128	496442	12.99	ng	# 79
10) Phenol	6.43	94	853016	16.41	ng	84
11) bis(2-Chloroethyl)ether	6.50	93	559023	14.38	ng	89
12) 1,3-Dichlorobenzene	6.77	146	566887	13.15	ng	# 89
13) 1,4-Dichlorobenzene	6.77	146	566887	12.64	ng	96
14) 1,2-Dichlorobenzene	6.93	146	513490	12.59	ng	95
15) Benzyl Alcohol	6.91	79	541562	13.46	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	844724	14.81	ng	92
17) 2-Methylphenol	7.04	107	479604	14.82	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	169057	5.02	ng	# 70
20) 3+4-Methylphenols	7.18	107	557810	13.26	ng	# 64
22) Acetophenone	7.17	105	818300	45.60	ng	98
24) Nitrobenzene	7.34	77	705009	47.90	ng	95
25) Isophorone	7.58	82	1156250	43.41	ng	98
26) 2-Nitrophenol	7.66	139	292620	47.63	ng	# 56
27) 2,4-Dimethylphenol	7.71	122	417024	37.77	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	707090	47.07	ng	98
29) 2,4-Dichlorophenol	7.92	162	451506	45.25	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	451391	40.23	ng	98
31) Naphthalene	8.06	128	1427967	41.32	ng	99
32) Benzoic acid	7.81	122	112740	14.92	ng	96
33) 4-Chloroaniline	8.11	127	176773	11.87	ng	91
34) Hexachlorobutadiene	8.19	225	284868	40.57	ng	100
35) Caprolactam	8.49	113	84229	26.78	ng	94
36) 4-Chloro-3-methylphenol	8.61	107	502912	42.86	ng	91
37) 2-Methylnaphthalene	8.85	142	839474	37.55	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	395751	38.66	ng	98
40) Hexachlorocyclopentadiene	8.92	237	505395	91.91	ng	97
42) 2,4,6-Trichlorophenol	9.05	196	317332	41.53	ng	98
43) 2,4,5-Trichlorophenol	9.09	196	353670	46.80	ng	# 82

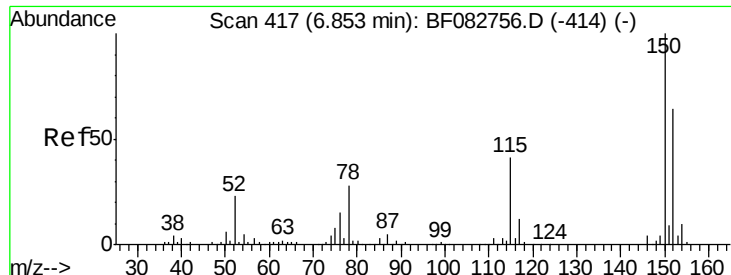
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.22	154	1056833	39.54	nq	94
46) 2-Chloronaphthalene	9.24	162	839797	40.28	nq	96
47) 2-Nitroaniline	9.34	65	376931	48.74	nq #	75
48) Acenaphthylene	9.66	152	1415033	43.31	nq	97
49) Dimethylphthalate	9.54	163	1592008	62.39	nq #	98
50) 2,6-Dinitrotoluene	9.58	165	217476	39.94	nq	90
51) Acenaphthene	9.84	154	977994	47.23	nq	99
52) 3-Nitroaniline	9.76	138	176048	29.40	nq #	68
53) 2,4-Dinitrophenol	9.86	184	186300	62.32	nq #	25
54) Dibenzofuran	10.01	168	1320473	47.30	nq #	87
55) 4-Nitrophenol	9.94	139	373776	81.36	nq	84
56) 2,4-Dinitrotoluene	10.00	165	335049	45.35	nq #	70
57) Fluorene	10.35	166	980792	43.38	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	256968	41.67	nq #	88
59) Diethylphthalate	10.24	149	1085750	43.58	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	443710	39.22	nq #	89
61) 4-Nitroaniline	10.37	138	267869	44.48	nq #	77
62) Azobenzene	10.50	77	1235483	46.16	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	157520	37.28	nq #	56
65) n-Nitrosodiphenylamine	10.46	169	914775	42.69	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	304785	42.68	nq #	91
67) Hexachlorobenzene	10.90	284	326157	40.90	nq #	61
68) Atrazine	10.99	200	261124	39.41	nq	97
69) Pentachlorophenol	11.09	266	343571	70.95	nq	99
70) Phenanthrene	11.30	178	1308602	37.99	nq	99
71) Anthracene	11.36	178	1540333	42.45	nq	100
72) Carbazole	11.50	167	1323792	41.68	nq	98
73) Di-n-butylphthalate	11.85	149	1470388	37.16	nq	99
74) Fluoranthene	12.49	202	1557511	42.14	nq	99
76) Benzidine	12.61	184	550246	38.88	nq	96
77) Pyrene	12.72	202	1606605	55.40	nq	98
79) Butylbenzylphthalate	13.34	149	735720	57.42	nq #	82
80) Benzo(a)anthracene	13.89	228	1268790	48.05	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	211083	22.48	nq	98
82) Chrysene	13.94	228	1272664	52.62	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	866457	49.41	nq	99
84) Di-n-octyl phthalate	14.52	149	1427182	48.79	nq	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	947062	45.46	nq #	96
87) Benzo(b)fluoranthene	14.91	252	1938506	84.01	nq #	97
88) Benzo(k)fluoranthene	14.91	252	1938506	94.71	nq #	97
89) Benzo(a)pyrene	15.24	252	888450	44.44	nq #	97
90) Dibenzo(a,h)anthracene	16.65	278	799173	47.21	nq #	98
91) Benzo(g,h,i)perylene	17.04	276	799303	49.30	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.06 min

Lab File: BF082979.D

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Instrument :

BNA_F

ClientSampleId :

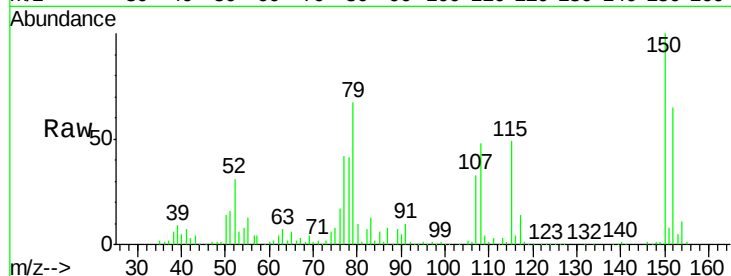
Tot Ion:152 Resp: 536298

Ion Ratio Lower Upper

152 100

150 154.9 127.0 190.4

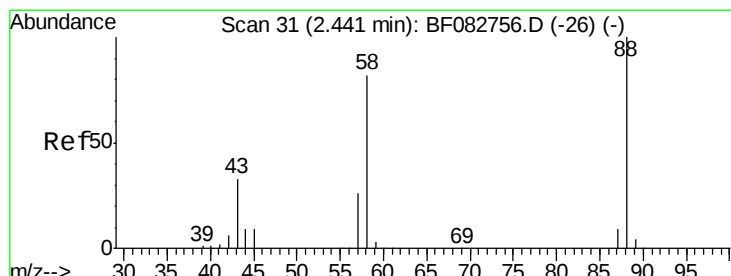
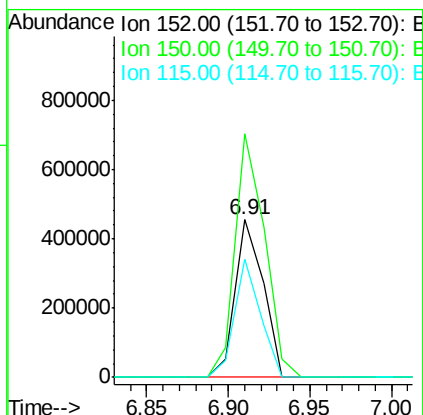
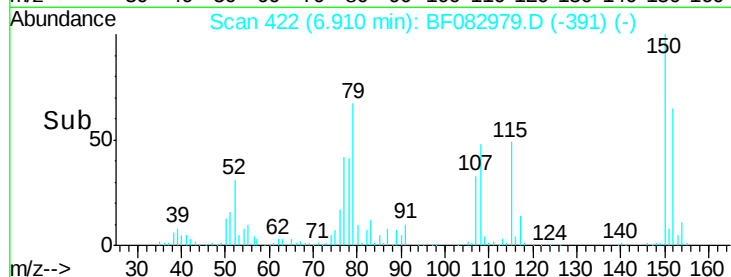
115 75.3 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 13.44 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

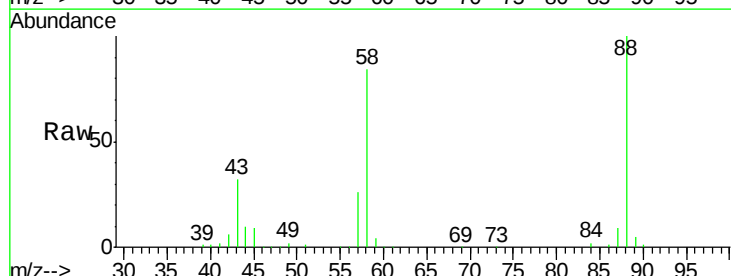
Tgt Ion: 88 Resp: 199912

Ion Ratio Lower Upper

88 100

58 82.8 62.0 93.0

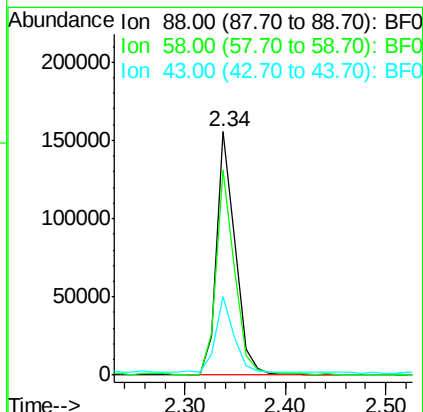
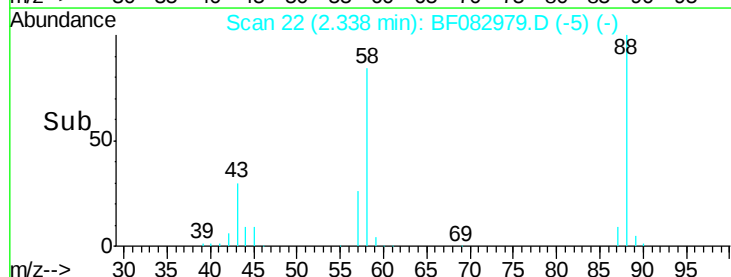
43 31.1 26.6 40.0

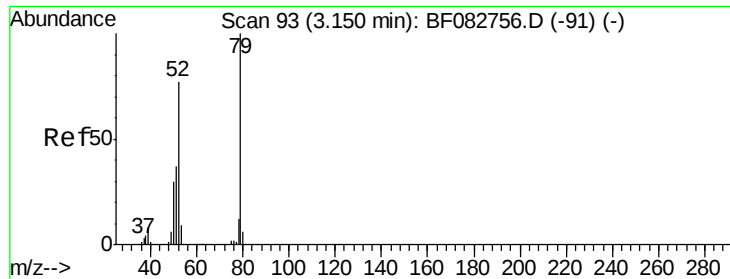


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.55 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.13 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

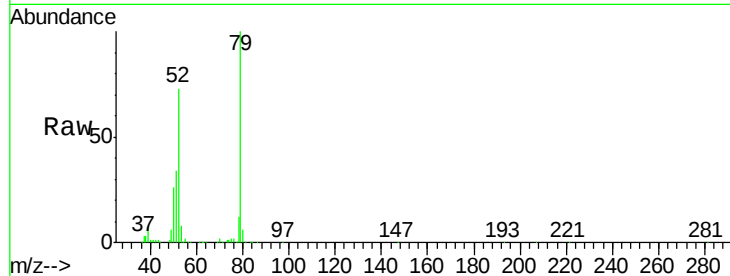
Tot Ion: 79 Resp: 627860

Ion Ratio Lower Upper

79 100

52 73.4 62.8 94.2

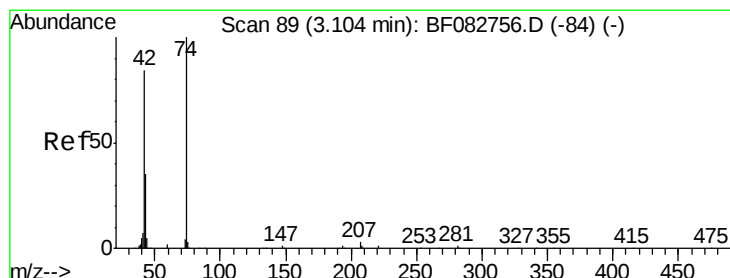
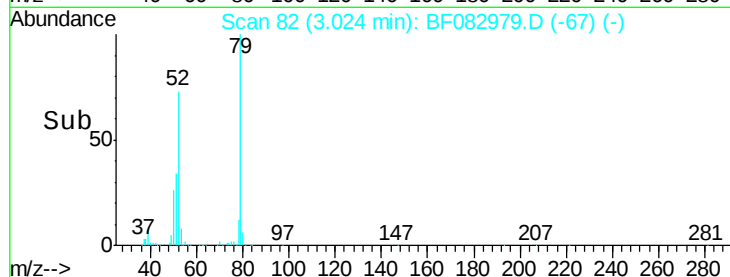
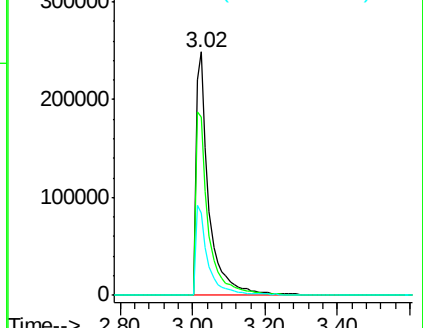
51 34.0 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 13.71 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.14 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

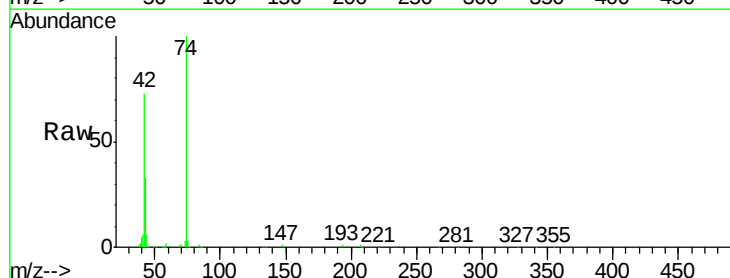
Tgt Ion: 42 Resp: 293507

Ion Ratio Lower Upper

42 100

74 137.1 87.0 130.4#

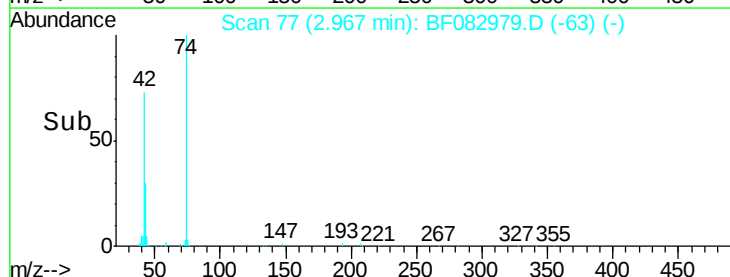
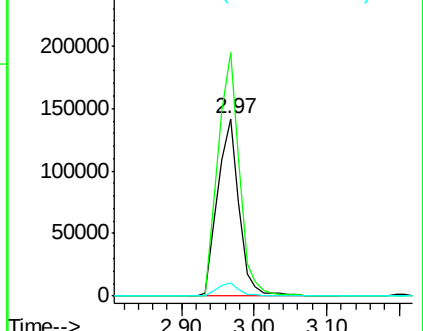
44 7.6 5.8 8.8

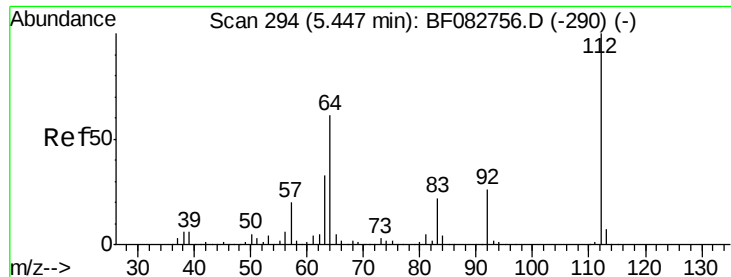


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 40.46 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

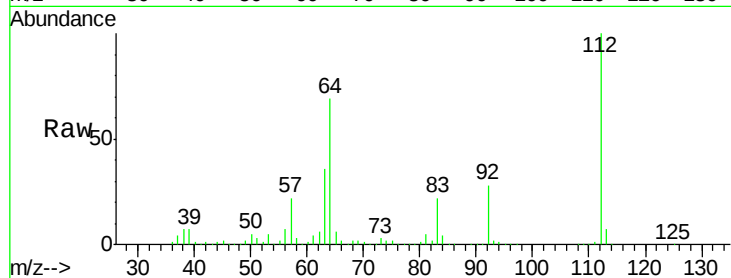
Tot Ion:112 Resp: 1394605

Ion Ratio Lower Upper

112 100

64 68.9 48.9 73.3

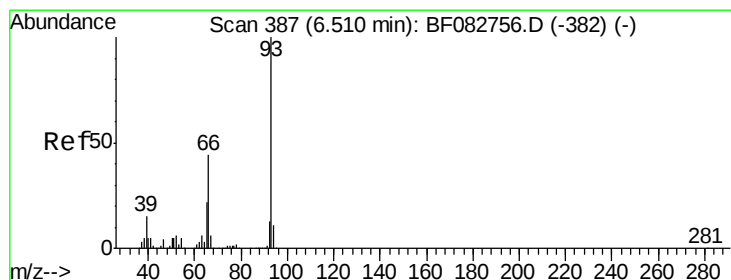
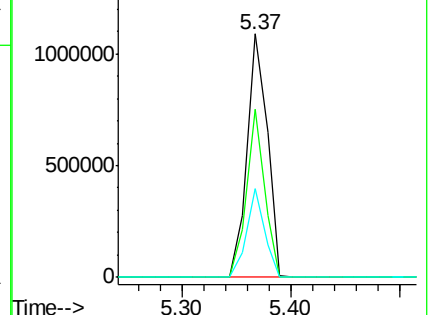
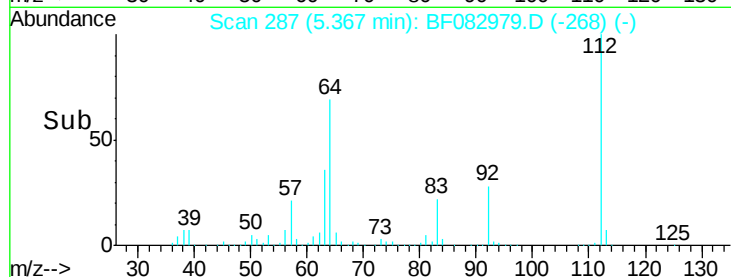
63 36.2 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.69 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

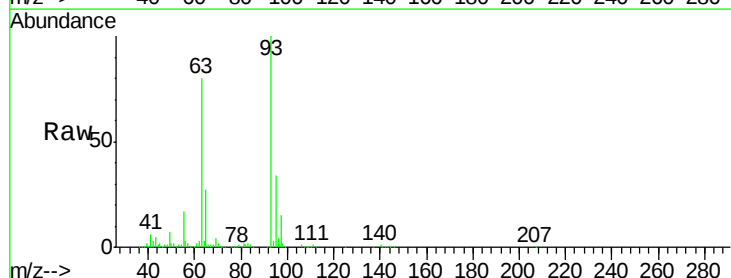
Tgt Ion: 93 Resp: 559023

Ion Ratio Lower Upper

93 100

66 0.8 33.6 50.4#

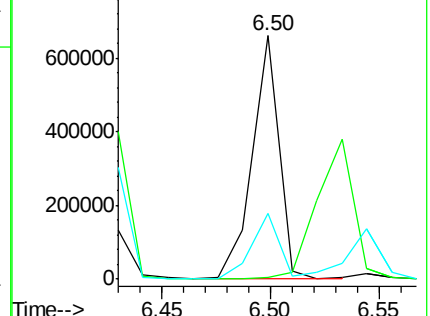
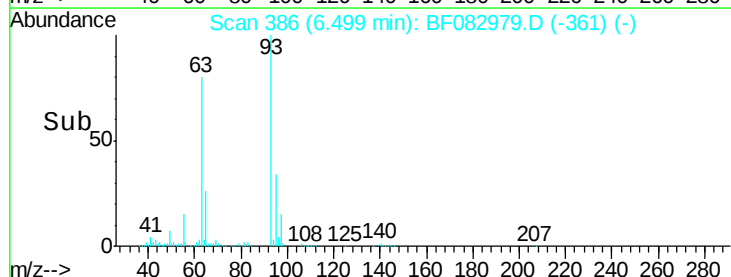
65 27.0 18.1 27.1

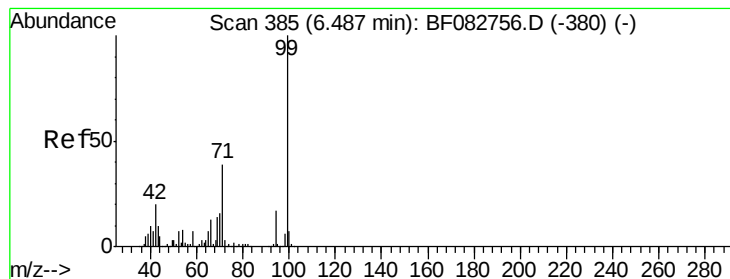


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.20 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

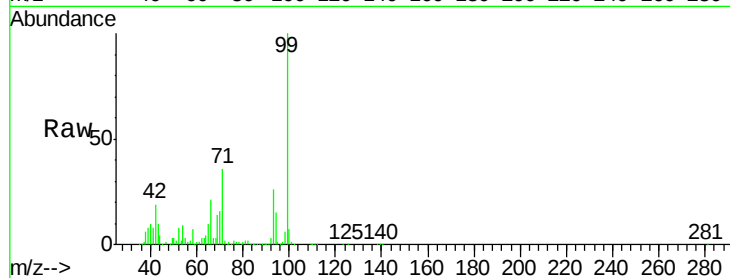
Instrument :

BNA_F

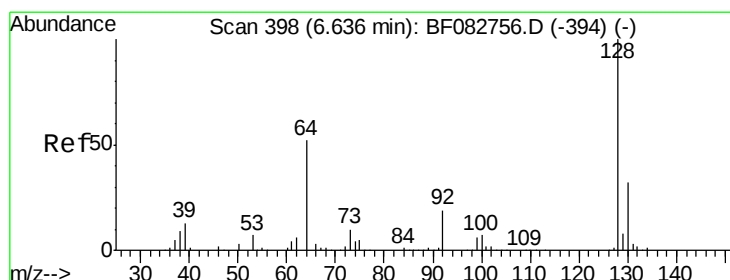
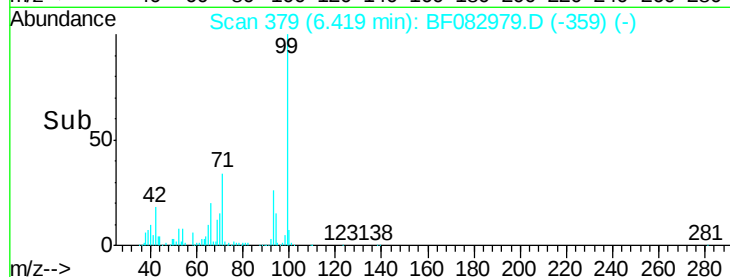
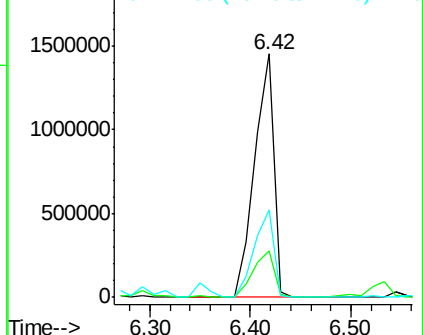
ClientSampleId :

Tot Ion: 99 Resp: 1933760

Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.2	28.8#
71	36.0	35.0	52.4



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: 12.99 ng

RT: 6.54 min Scan# 390

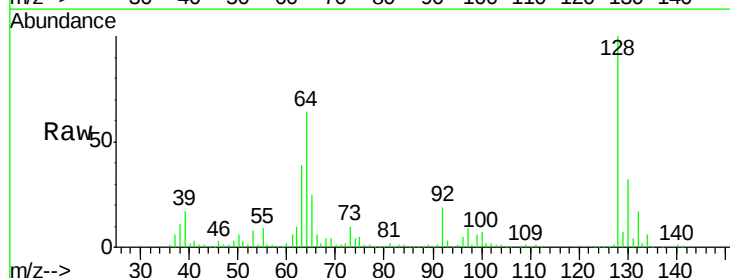
Delta R.T. -0.09 min

Lab File: BF082979.D

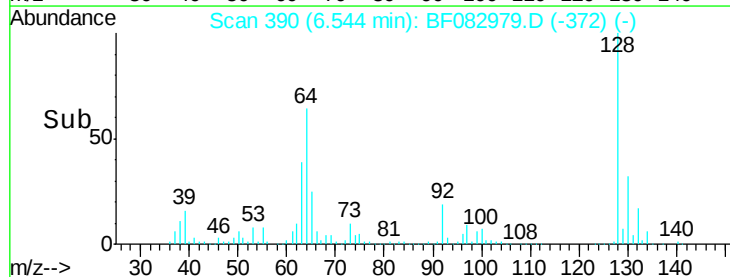
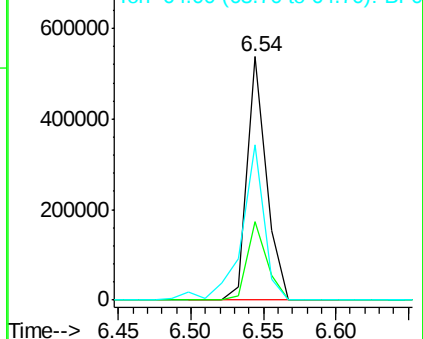
Acq: 17 Nov 2015 21:33

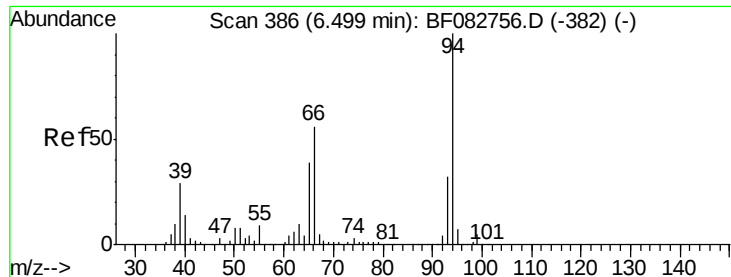
Tgt Ion: 128 Resp: 496442

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.5	53.5
64	64.0	21.1	61.1#



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





#10

Phenol

Concen: 16.41 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

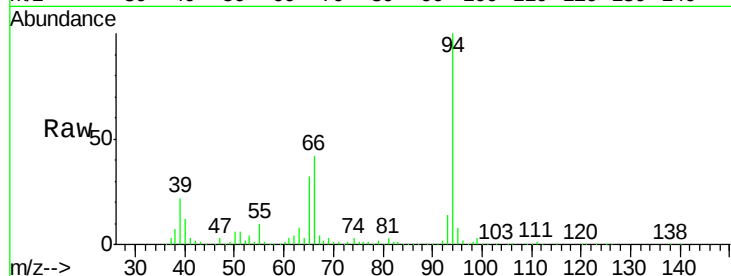
Tot Ion: 94 Resp: 853016

Ion Ratio Lower Upper

94 100

65 31.5 18.9 58.9

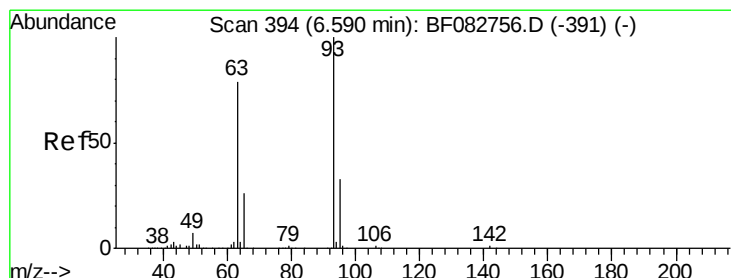
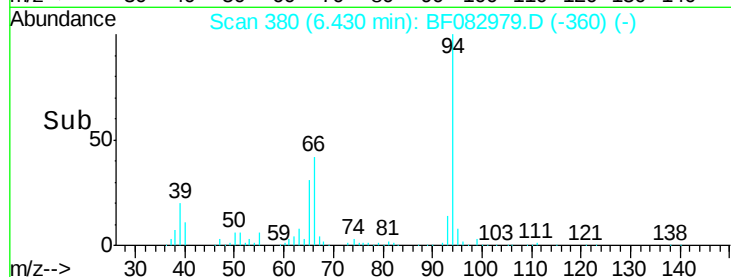
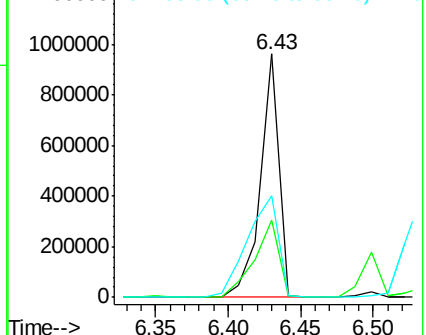
66 41.7 34.9 74.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 14.38 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

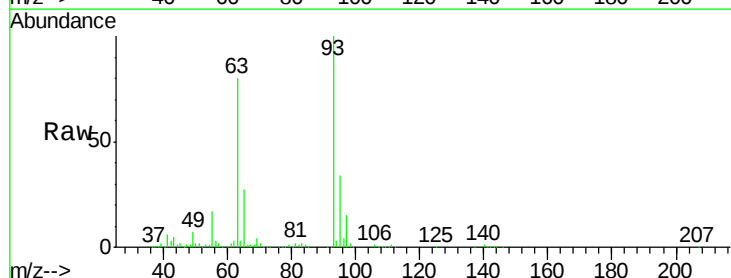
Tgt Ion: 93 Resp: 559023

Ion Ratio Lower Upper

93 100

63 80.2 72.7 112.7

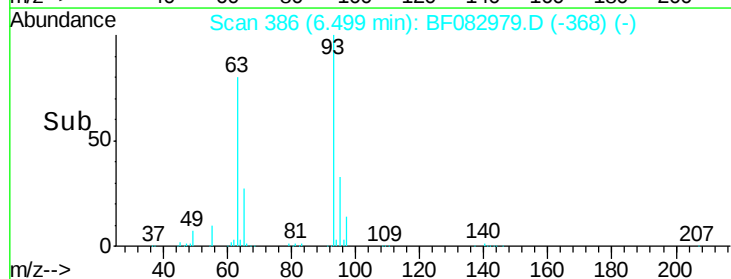
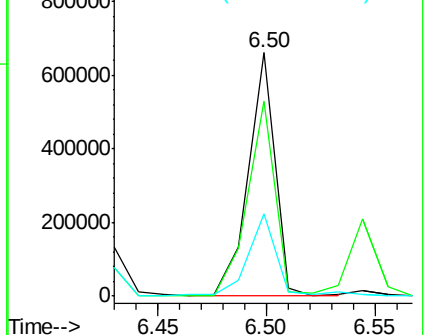
95 33.9 12.0 52.0

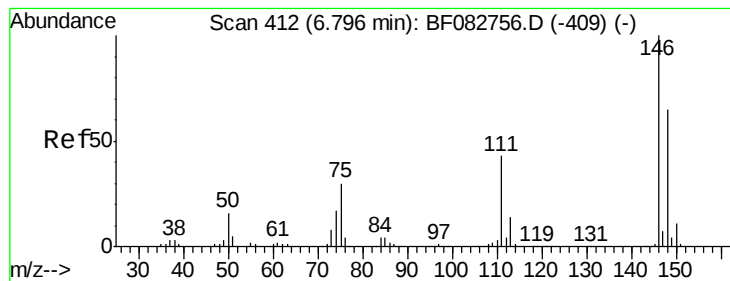


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 13.15 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

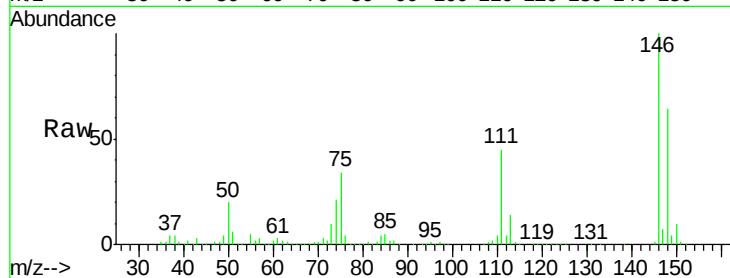
Tot Ion:146 Resp: 566887

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

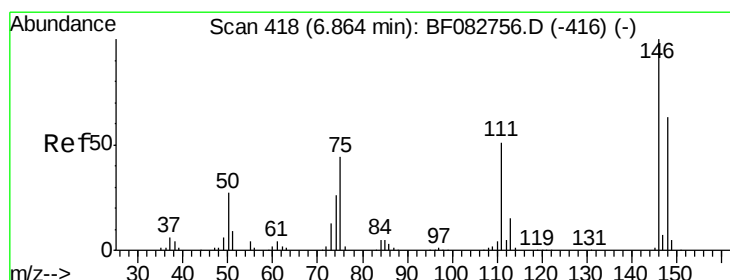
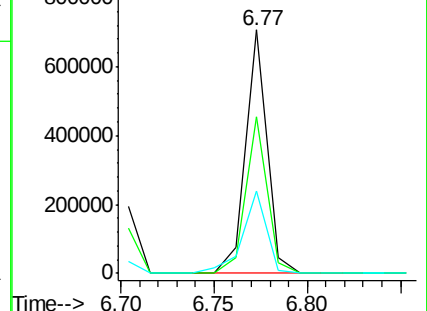
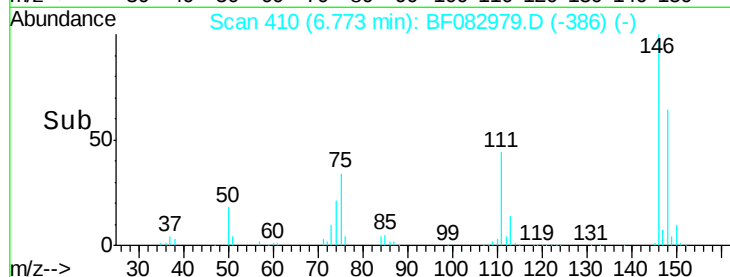
75 34.1 39.5 59.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.64 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

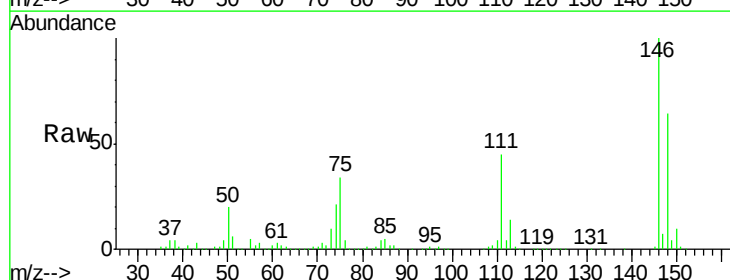
Tgt Ion:146 Resp: 566887

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

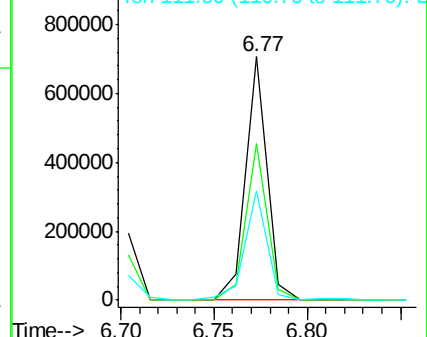
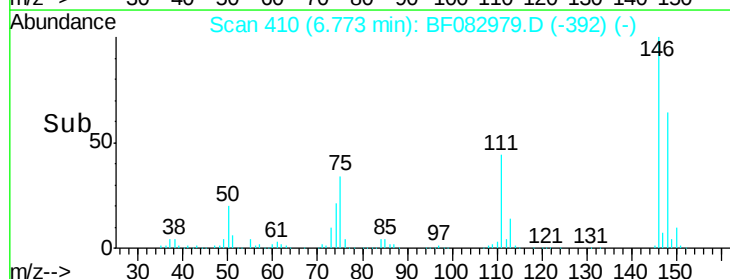
111 44.7 40.6 60.8

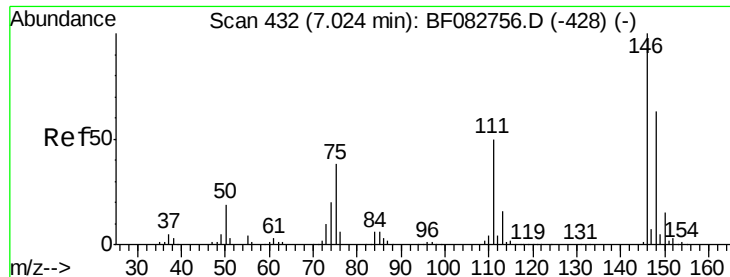


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.59 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

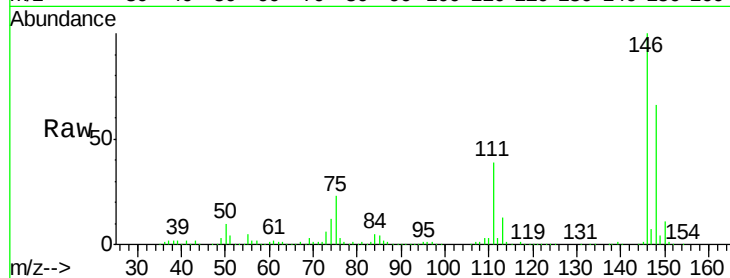
Tot Ion:146 Resp: 513490

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

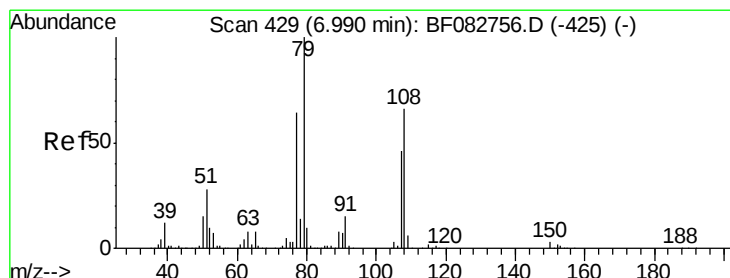
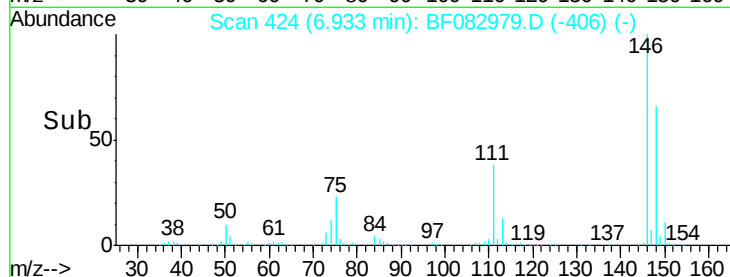
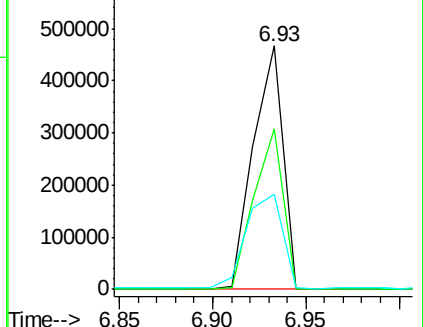
111 38.8 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.46 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

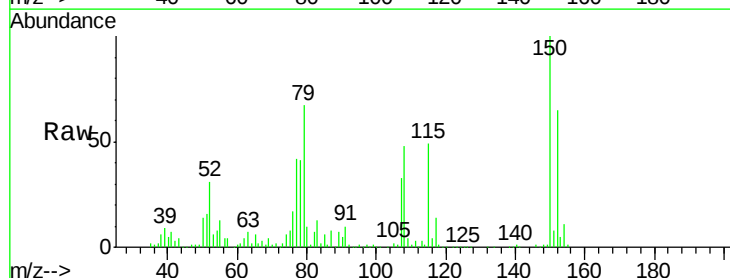
Tgt Ion: 79 Resp: 541562

Ion Ratio Lower Upper

79 100

108 72.0 52.2 78.4

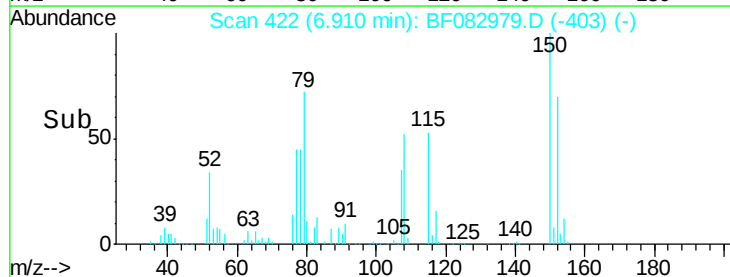
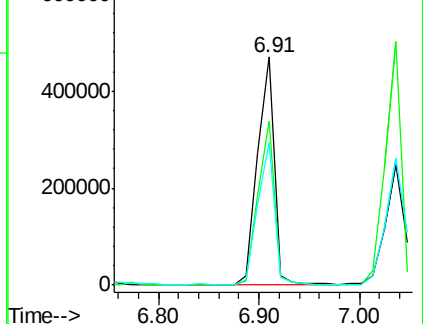
77 62.6 52.7 79.1

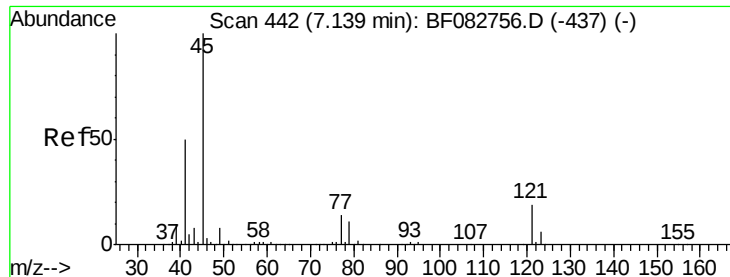


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

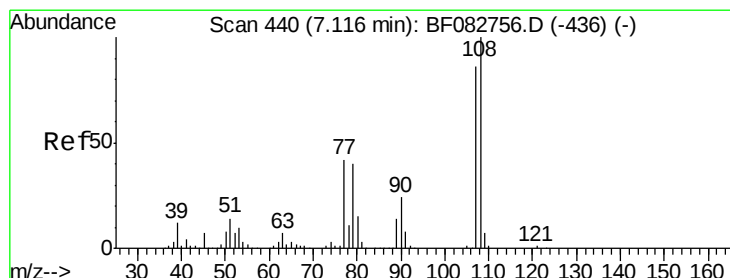
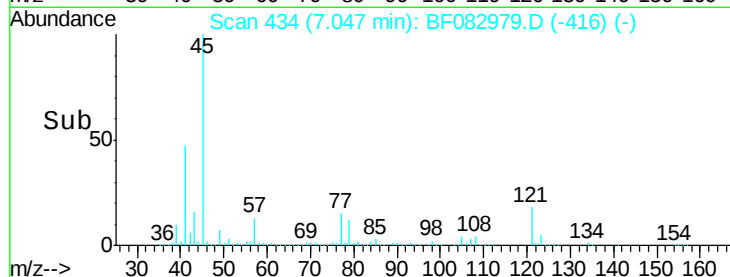
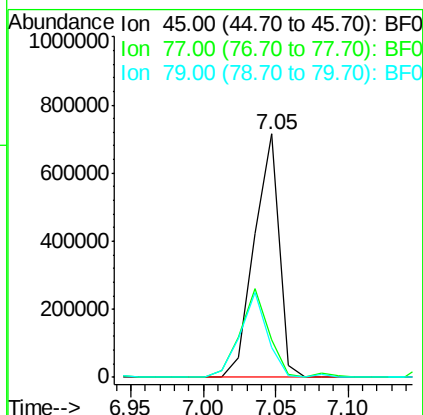
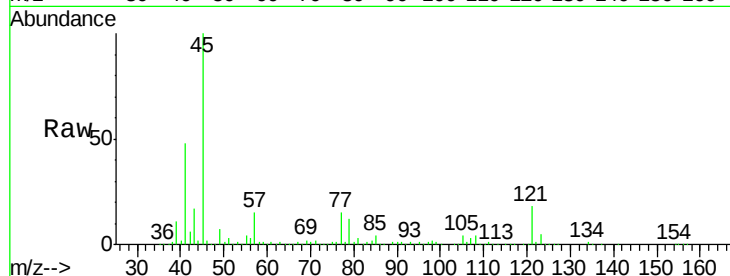




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 14.81 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

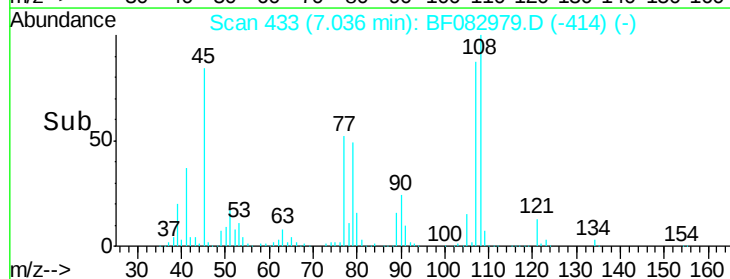
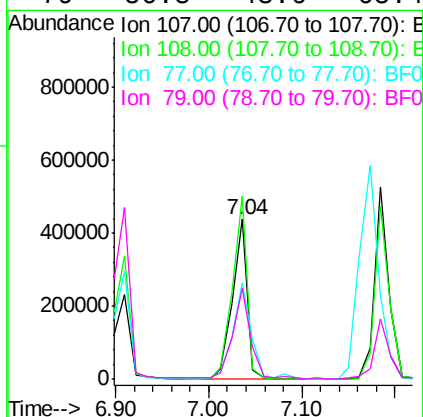
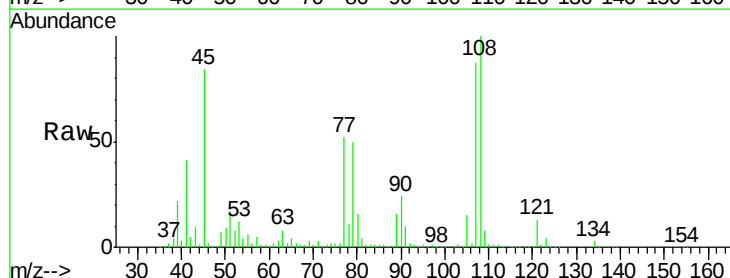
Instrument :
BNA_F
ClientSampleId :

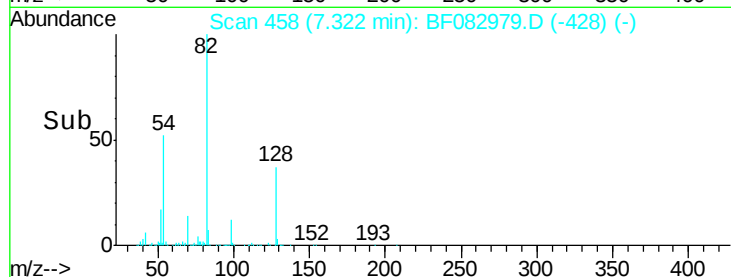
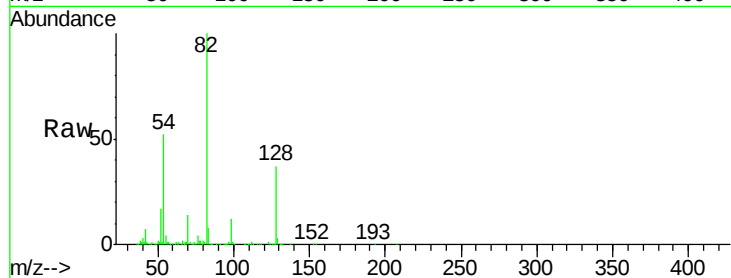
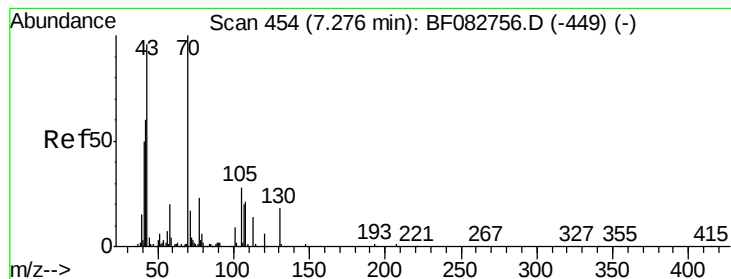
Tot Ion: 45 Resp: 844724
Ion Ratio Lower Upper
45 100
77 15.4 0.0 32.6
79 12.3 0.0 29.2



#17
2-Methylphenol
Concen: 14.82 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion: 107 Resp: 479604
Ion Ratio Lower Upper
107 100
108 114.8 93.0 139.4
77 60.0 44.1 66.1
79 56.8 43.6 65.4





#19

n-Nitroso-di-n-propylamine

Concen: 5.02 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 169057

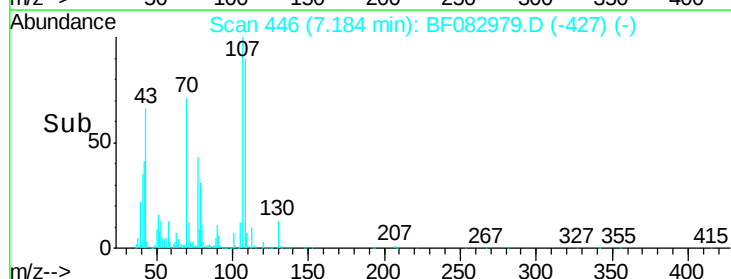
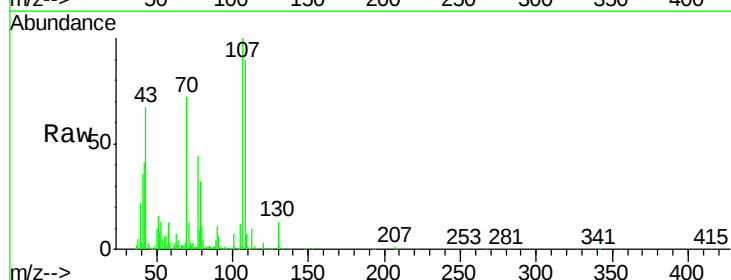
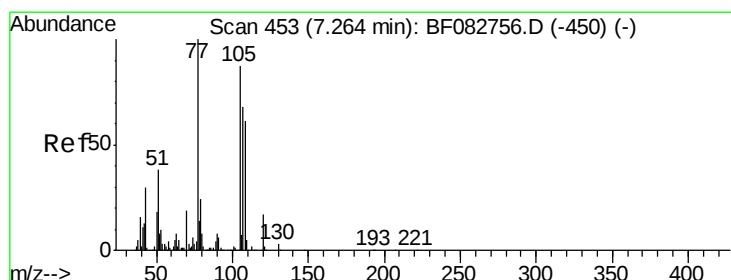
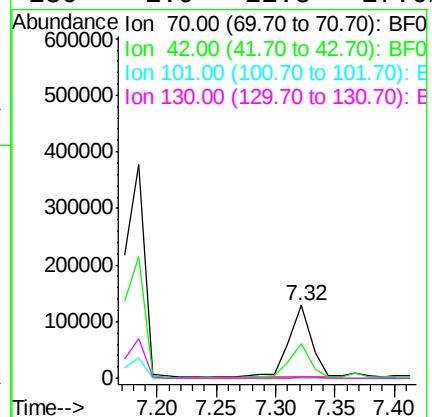
Ion Ratio Lower Upper

70 100

42 46.9 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#



#20

3+4-Methylphenols

Concen: 13.26 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion: 107 Resp: 557810

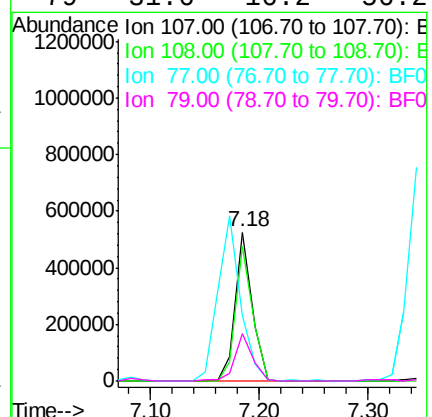
Ion Ratio Lower Upper

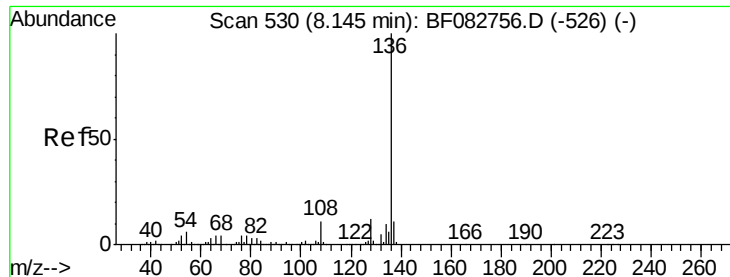
107 100

108 90.2 67.3 107.3

77 43.6 100.3 140.3#

79 31.6 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082979.D

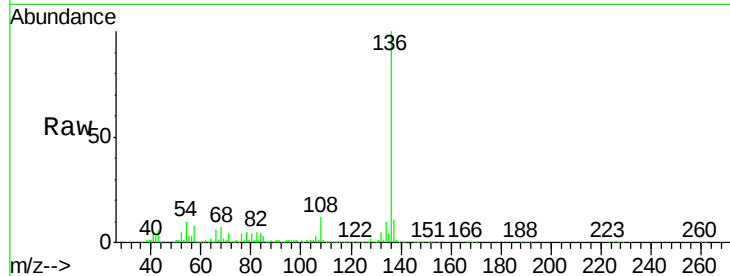
Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	626314	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.1	13.7	
54 10.0	9.1	13.7	
68 6.9	4.8	7.2	

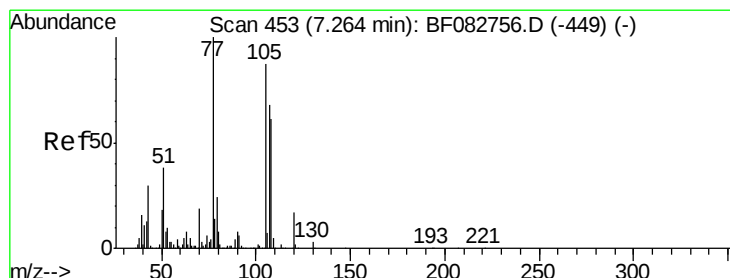
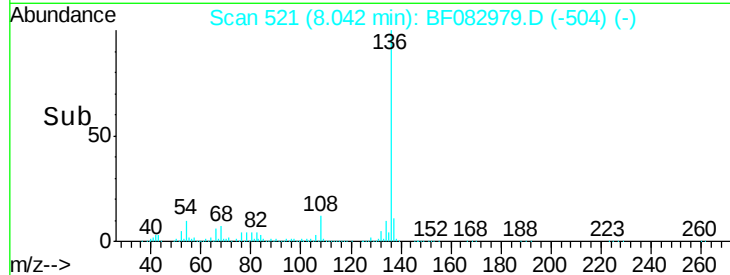
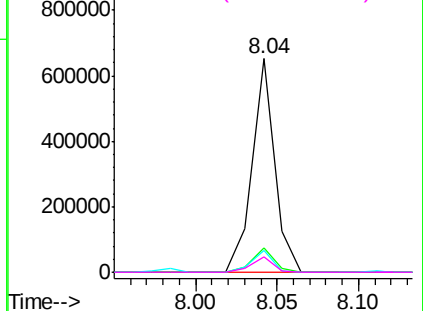


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 45.60 ng

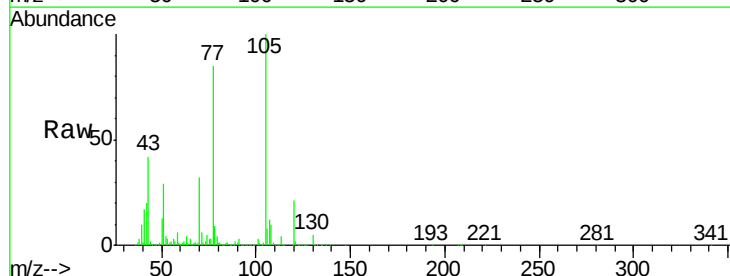
RT: 7.17 min Scan# 445

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt	Ion:105	Resp:	818300
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.6	8.4
51	29.5	24.9	37.3
120	20.6	15.8	23.8

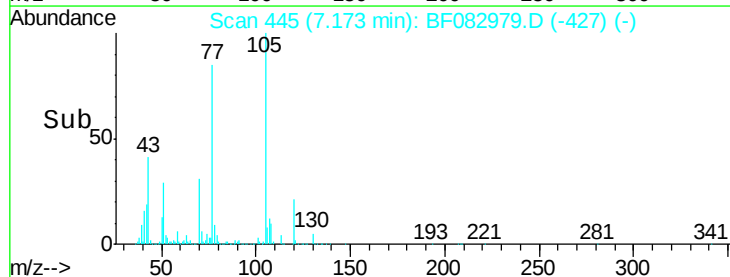
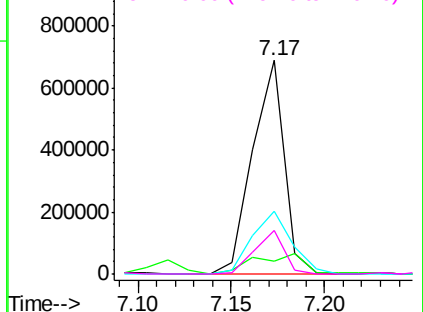


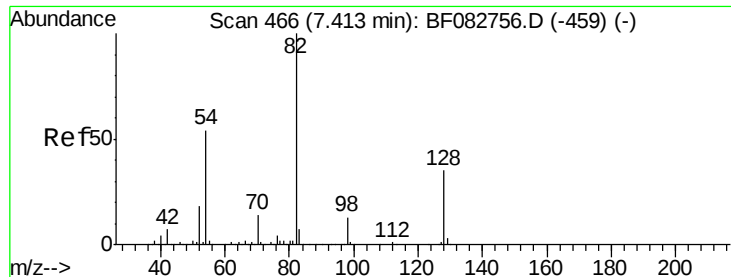
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



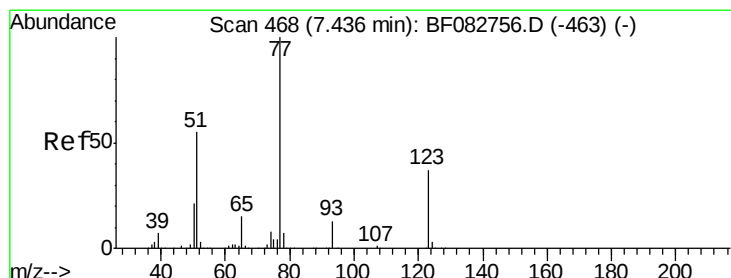
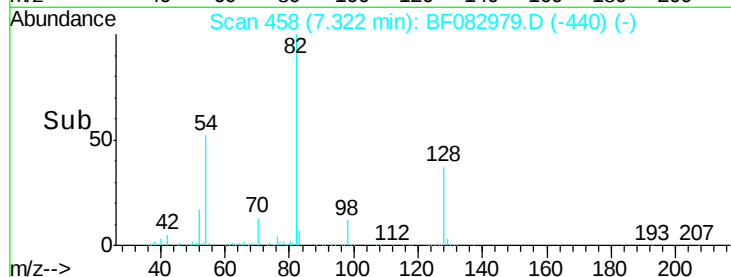
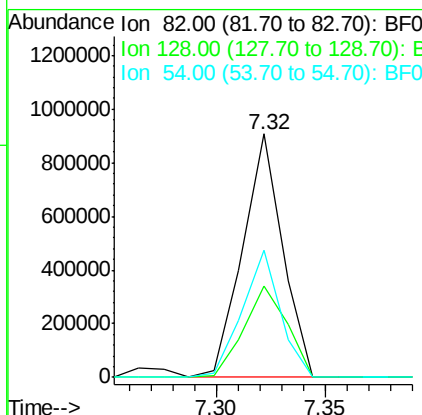
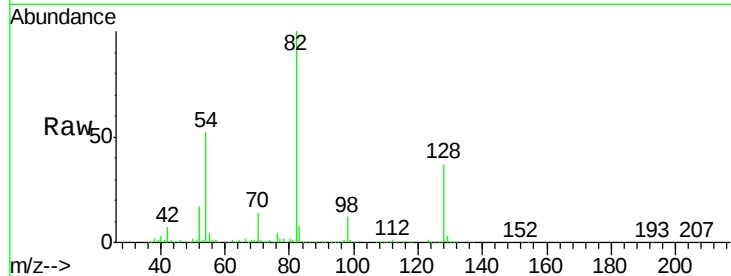


#23
 Nitrobenzene-d5
 Concen: 80.43 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1157762

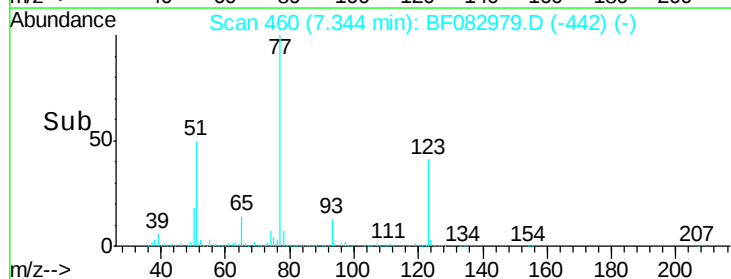
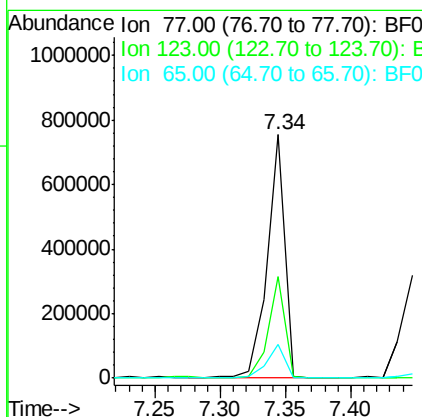
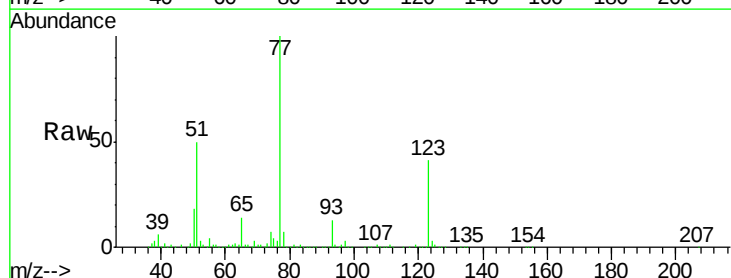
Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.8	40.2
54	52.4	45.7	68.5

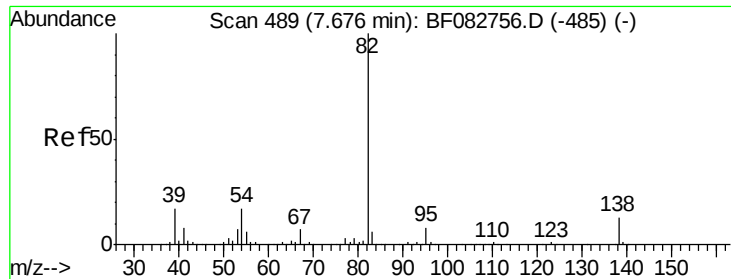


#24
 Nitrobenzene
 Concen: 47.90 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion: 77 Resp: 705009

Ion	Ratio	Lower	Upper
77	100		
123	41.5	36.4	54.6
65	14.0	11.5	17.3





#25

Isophorone

Concen: 43.41 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

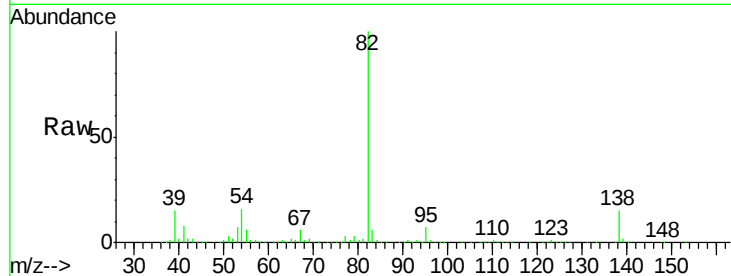
Tot Ion: 82 Resp: 1156250

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

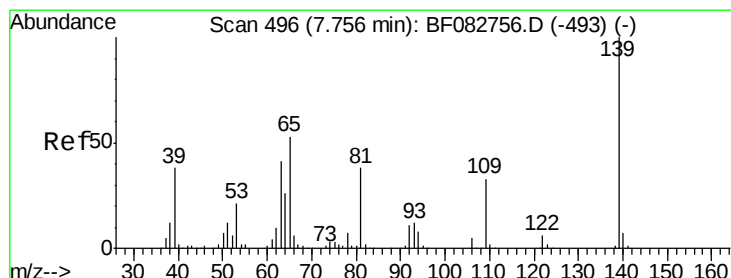
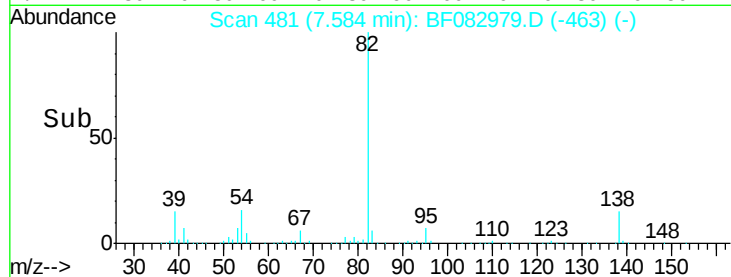
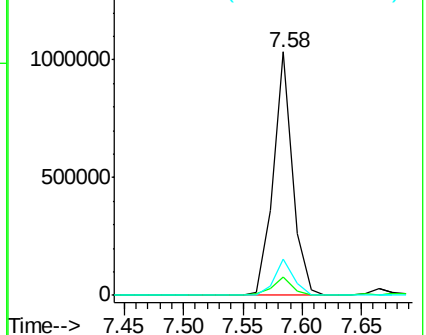
138 14.8 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.63 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

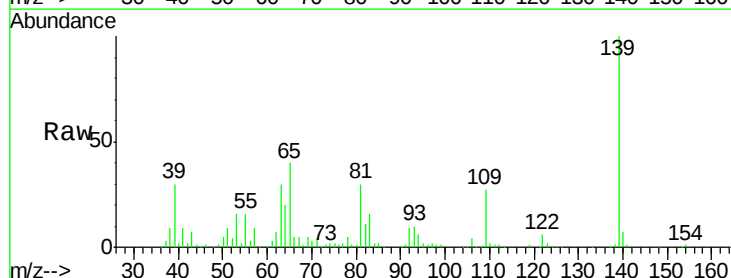
Tgt Ion:139 Resp: 292620

Ion Ratio Lower Upper

139 100

109 27.5 37.6 56.4#

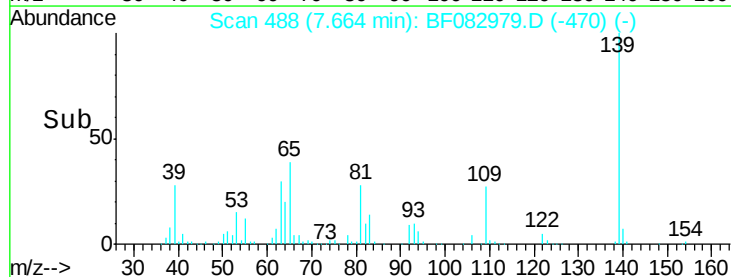
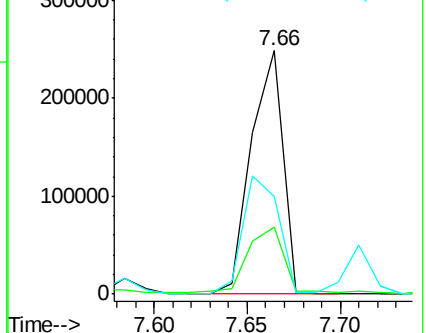
65 39.9 70.6 105.8#

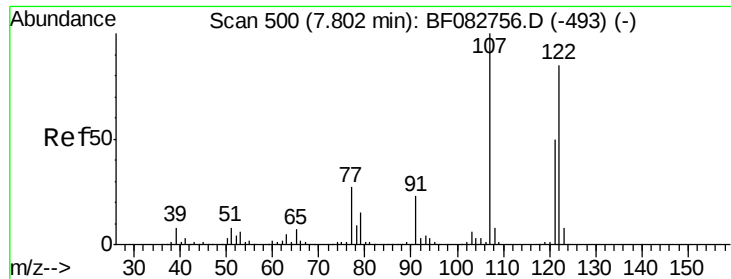


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.77 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

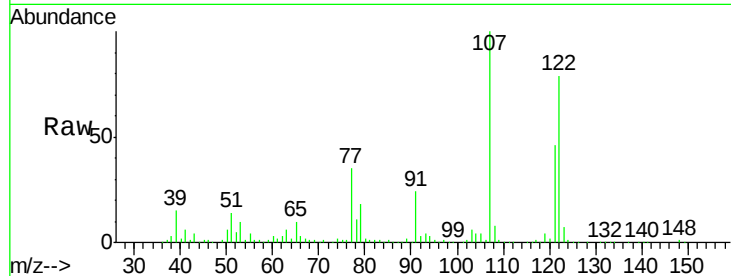
Tot Ion:122 Resp: 417024

Ion Ratio Lower Upper

122 100

107 126.0 106.0 159.0

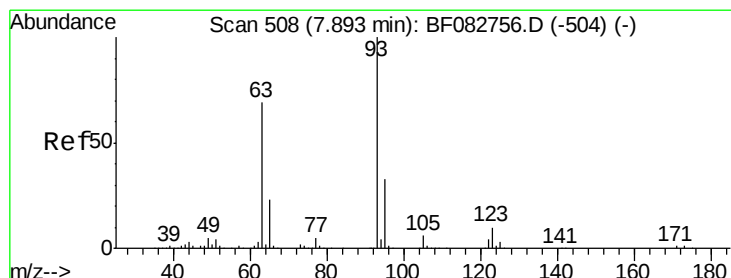
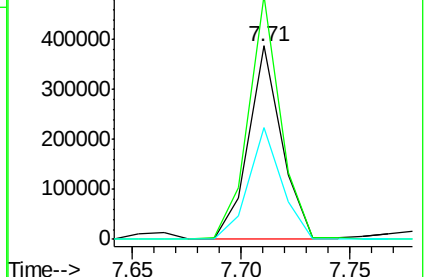
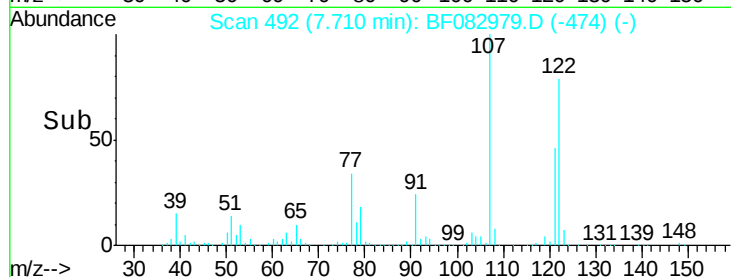
121 58.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.07 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

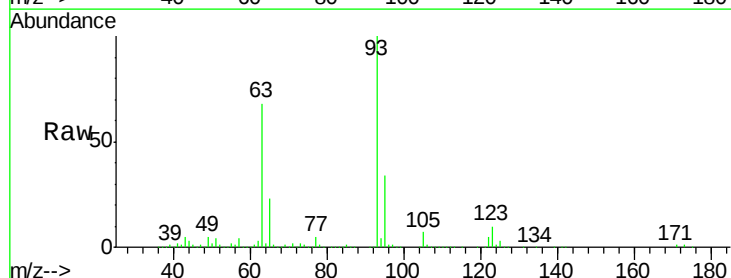
Tgt Ion: 93 Resp: 707090

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

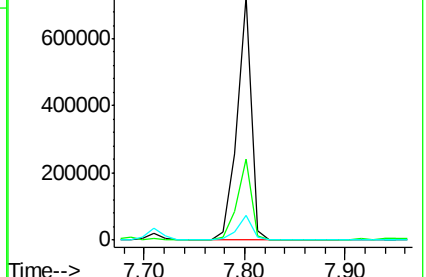
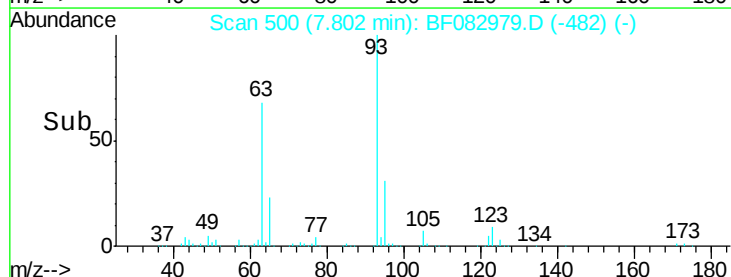
123 9.9 9.7 14.5

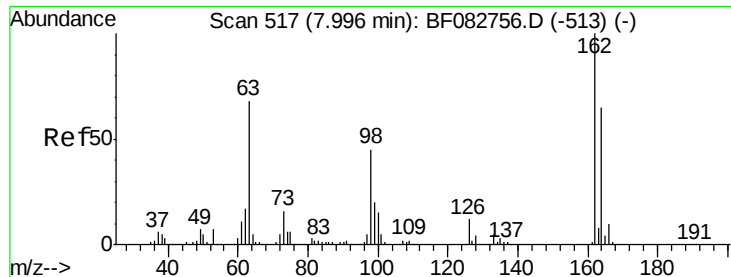


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

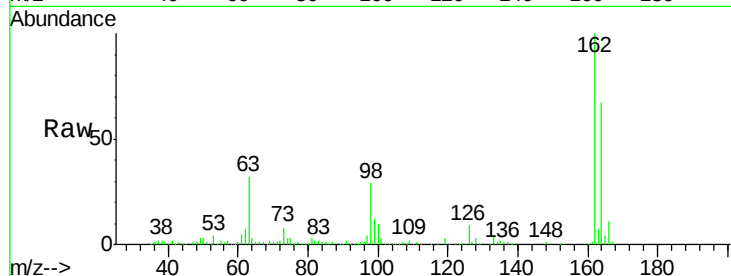




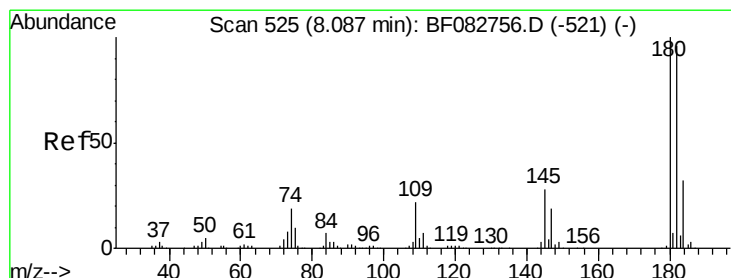
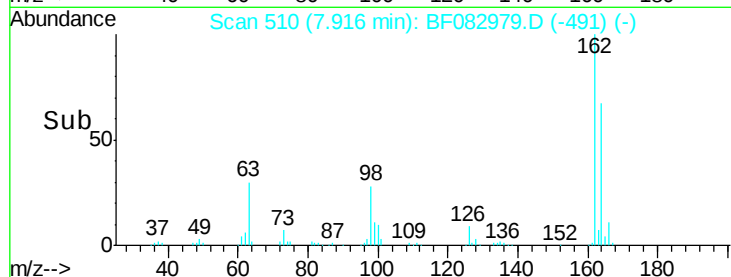
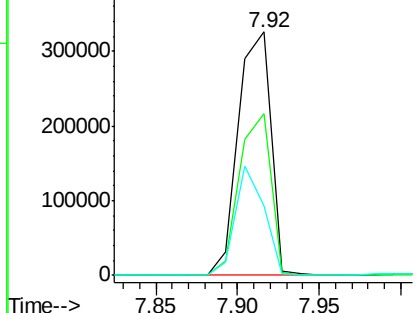
#29
 2,4-Dichlorophenol
 Concen: 45.25 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.08 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	46.8	86.8
98	28.7	12.5	52.5

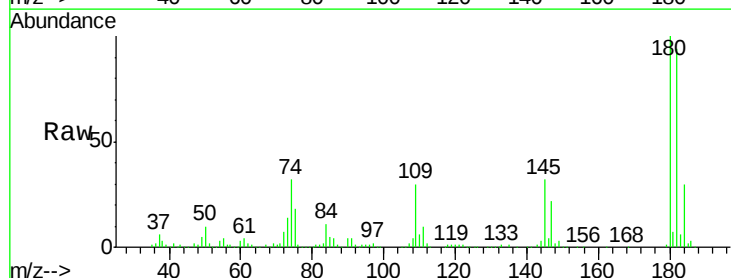


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

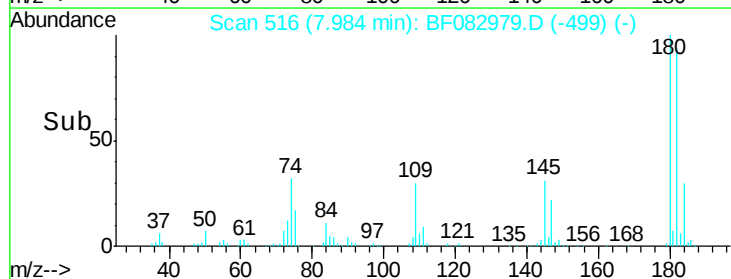
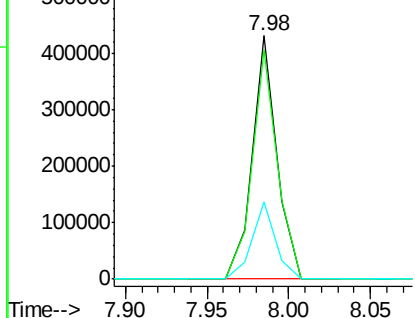


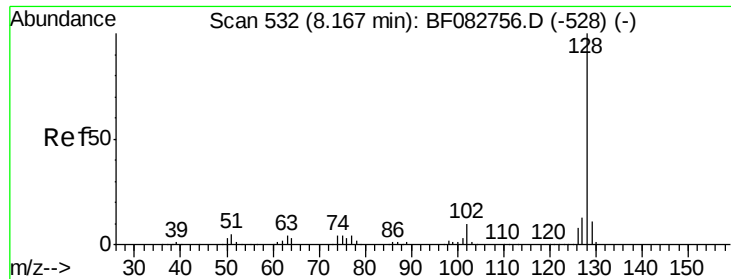
#30
 1,2,4-Trichlorobenzene
 Concen: 40.23 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.9	112.3
145	31.6	27.8	41.8



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

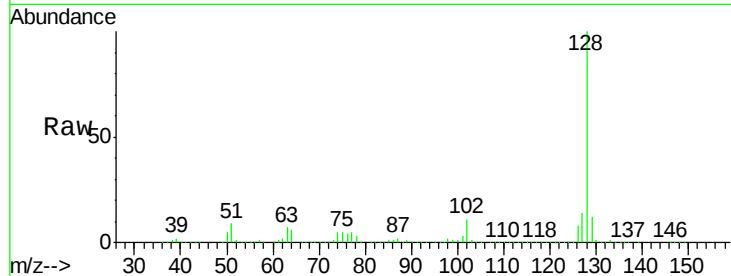




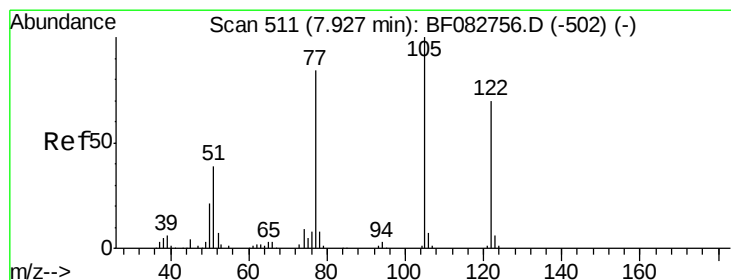
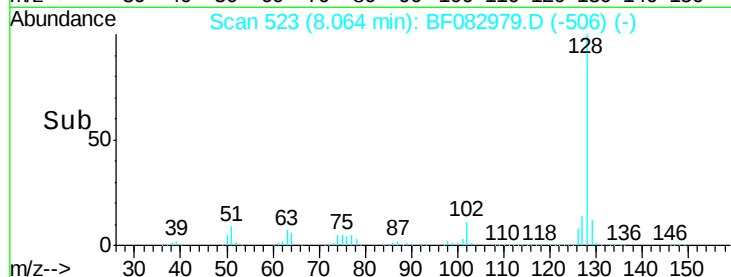
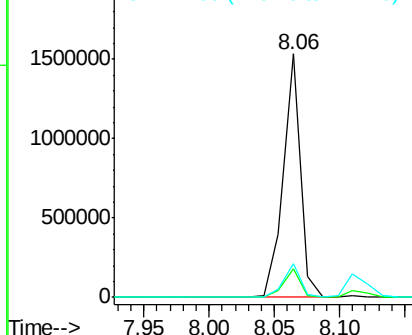
#31
Naphthalene
Concen: 41.32 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1427967
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.8 11.4 17.0

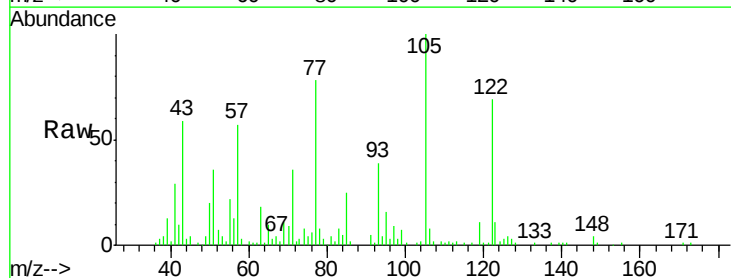


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

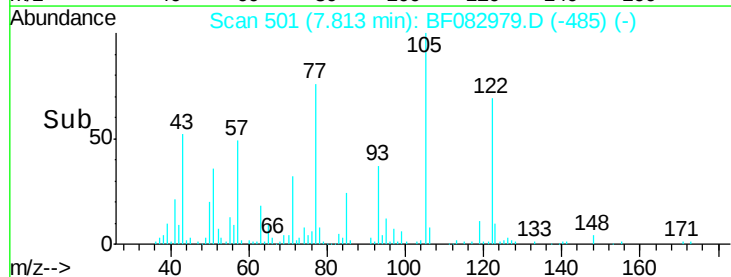
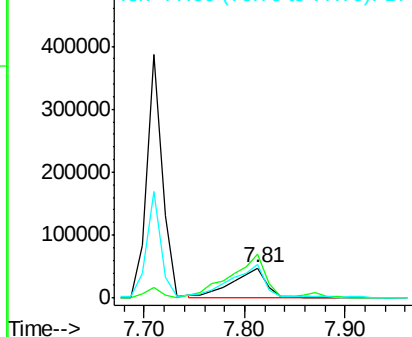


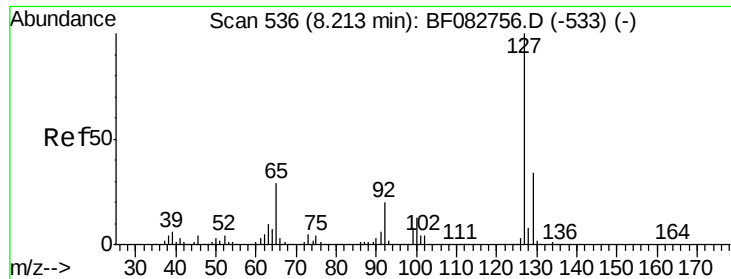
#32
Benzoic acid
Concen: 14.92 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.11 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:122 Resp: 112740
Ion Ratio Lower Upper
122 100
105 145.7 122.6 162.6
77 113.9 100.9 140.9



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

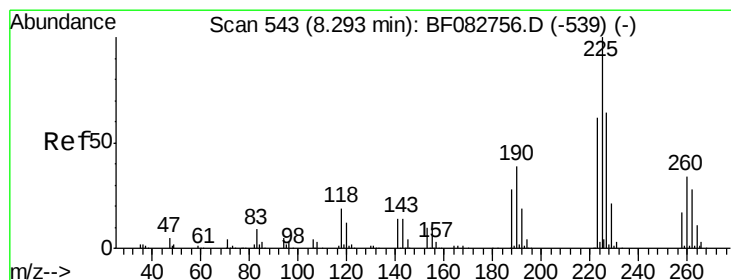
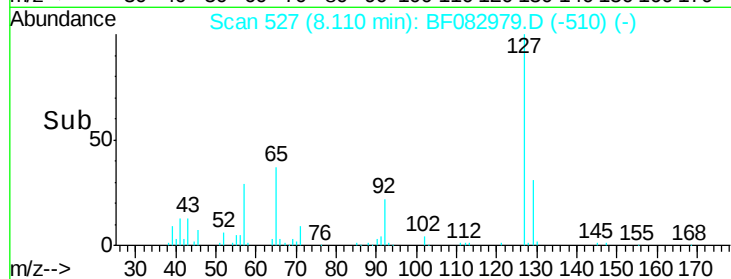
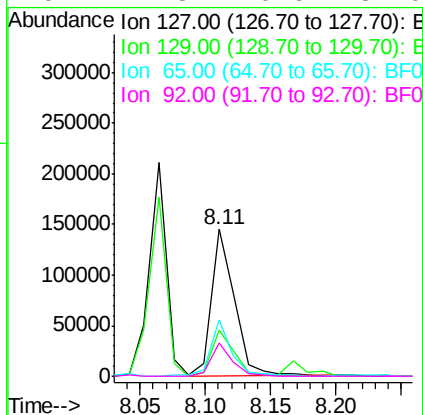
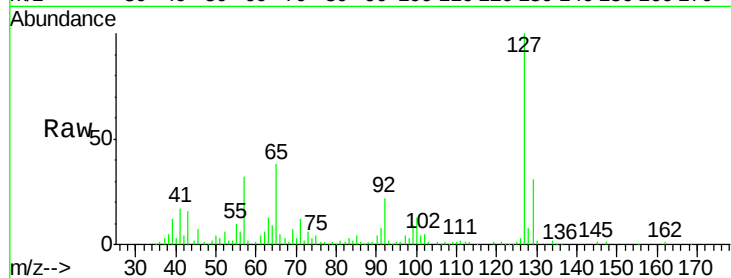




#33
4-Chloroaniline
Concen: 11.87 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

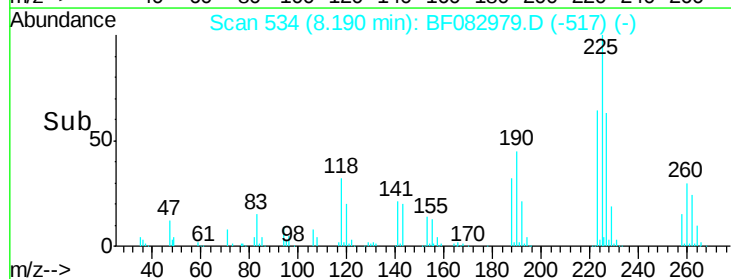
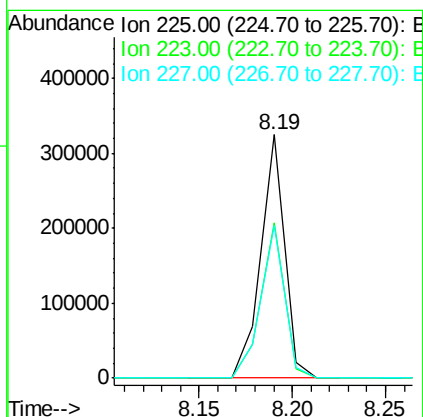
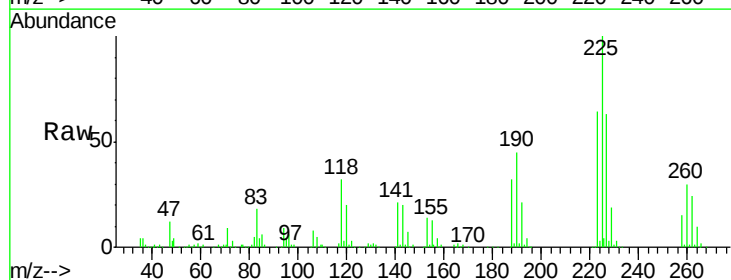
Instrument :
BNA_F
ClientSampled :

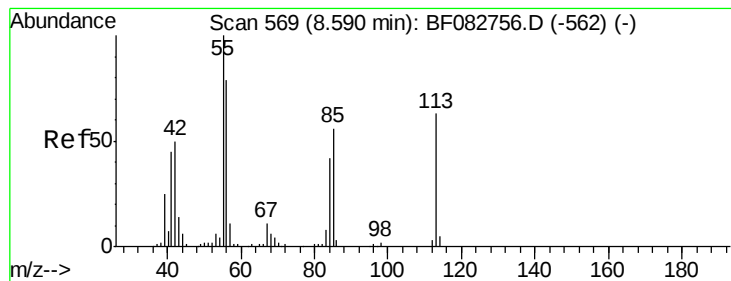
Tot Ion:	127	Resp:	176773
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	38.2	37.8	56.8
92	22.3	20.6	31.0



#34
Hexachlorobutadiene
Concen: 40.57 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:	225	Resp:	284868
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.5	75.7
227	62.8	50.2	75.2





#35

Caprolactam

Concen: 26.78 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

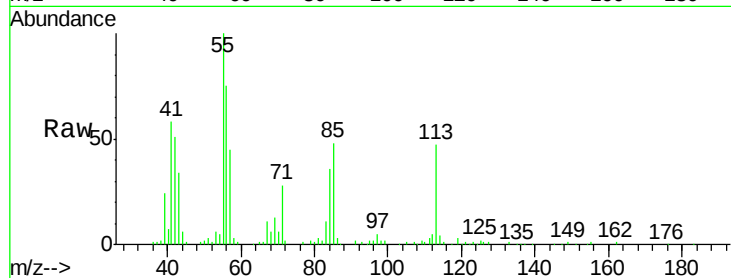
Tot Ion:113 Resp: 84229

Ion Ratio Lower Upper

113 100

55 211.4 195.5 235.5

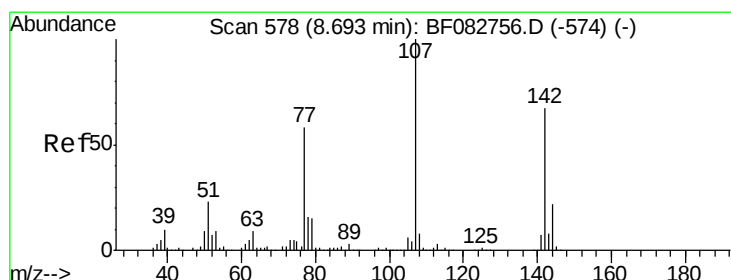
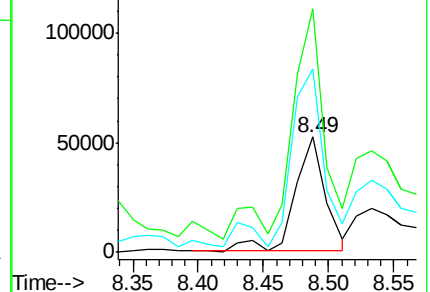
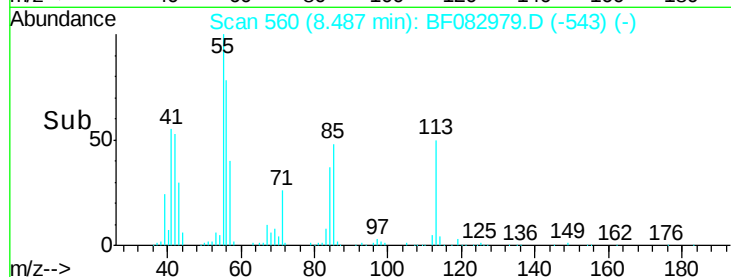
56 159.1 153.5 193.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.86 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

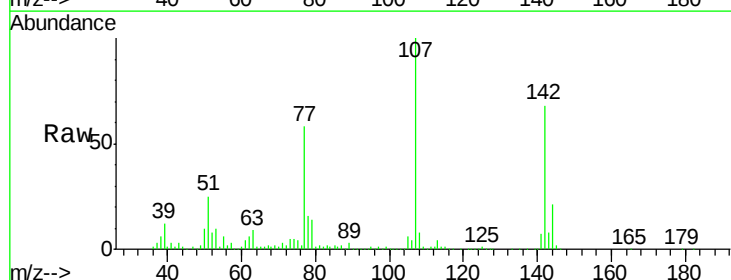
Tgt Ion:107 Resp: 502912

Ion Ratio Lower Upper

107 100

144 21.2 15.4 23.0

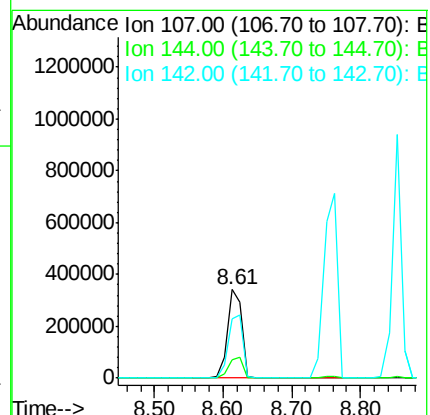
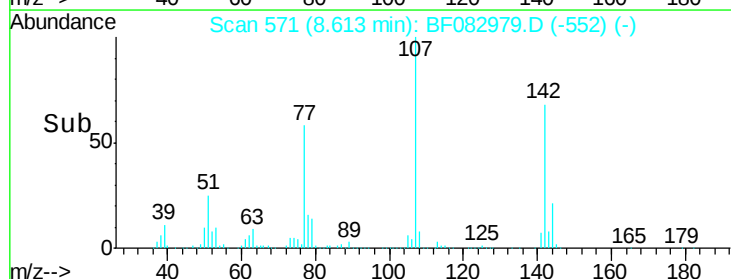
142 67.6 47.8 71.8

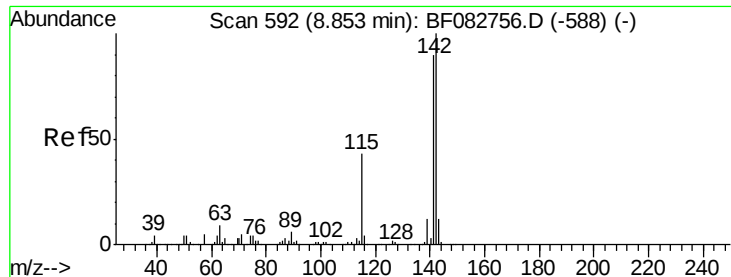


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

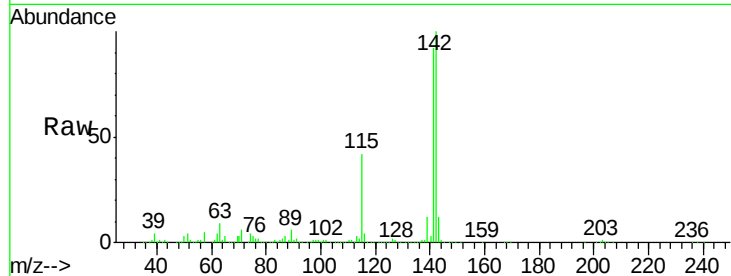




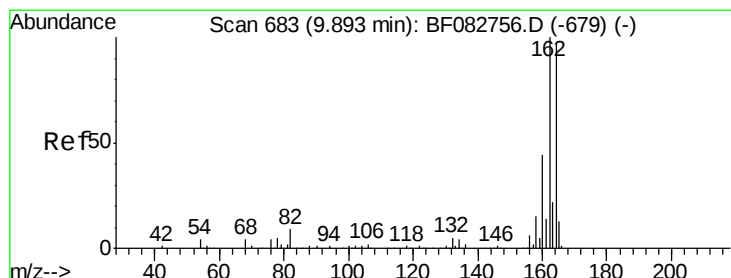
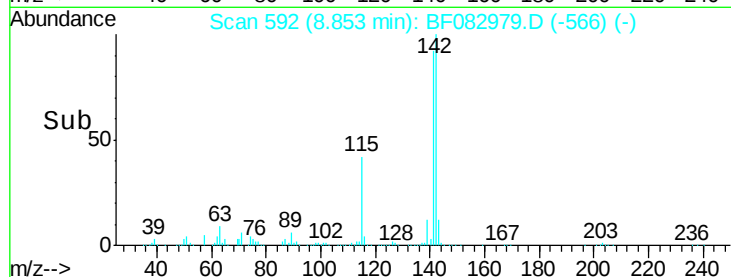
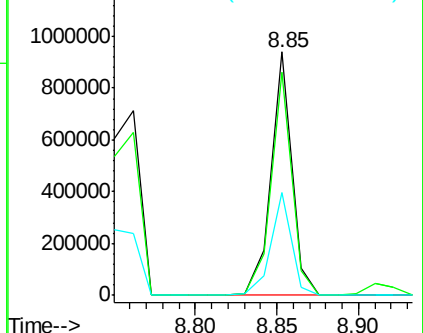
#37
2-Methylnaphthalene
Concen: 37.55 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 839474
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5
115 42.1 38.1 57.1

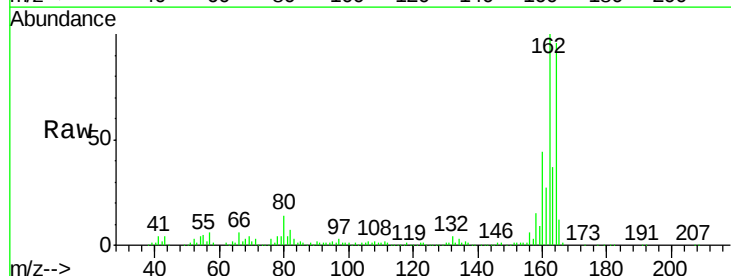


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

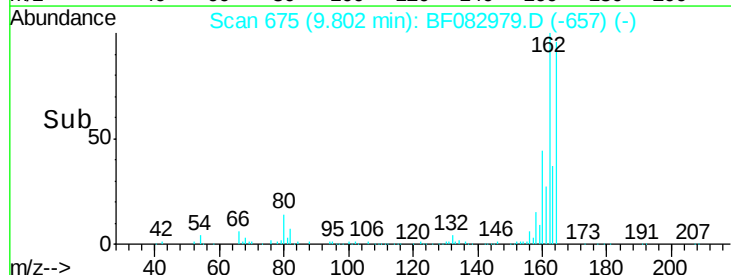
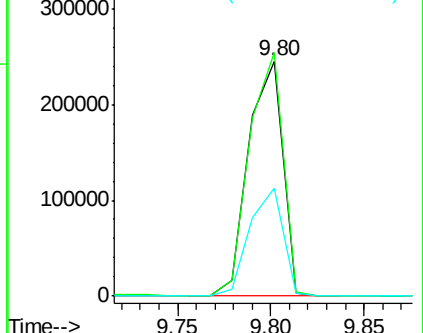


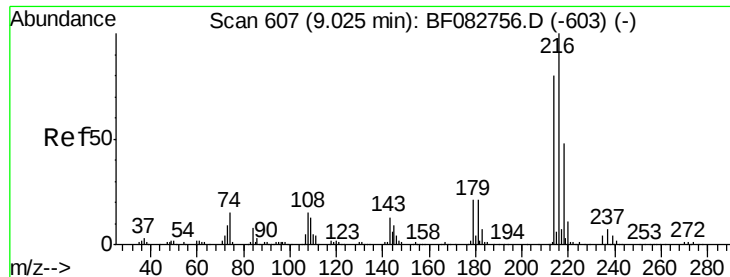
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:164 Resp: 311466
Ion Ratio Lower Upper
164 100
162 103.7 84.9 127.3
160 45.7 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.66 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 395751

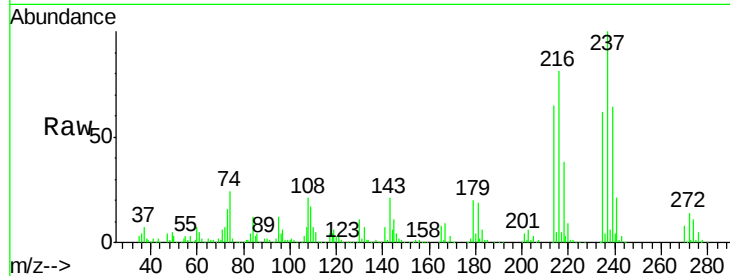
Ion Ratio Lower Upper

216 100

214 79.3 62.2 93.2

179 22.0 18.1 27.1

108 22.7 16.6 25.0

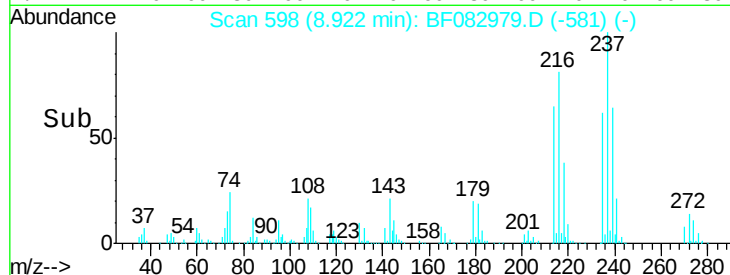


Abundance Ion 216.00 (215.70 to 216.70): E

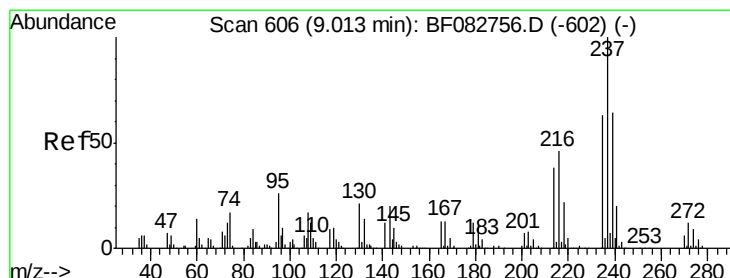
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.85 8.90 8.95



#40

Hexachlorocyclopentadiene

Concen: 91.91 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

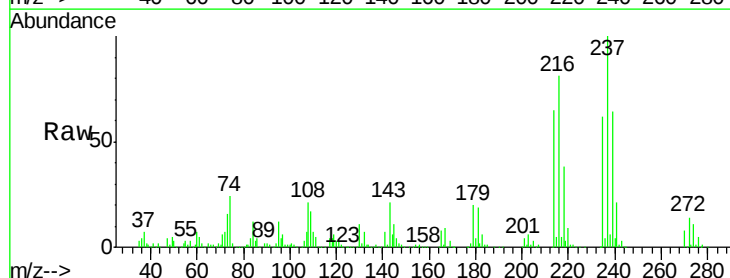
Tgt Ion:237 Resp: 505395

Ion Ratio Lower Upper

237 100

235 62.4 44.3 84.3

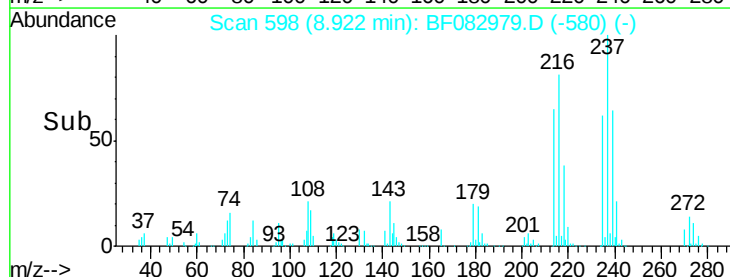
272 14.3 0.0 31.9



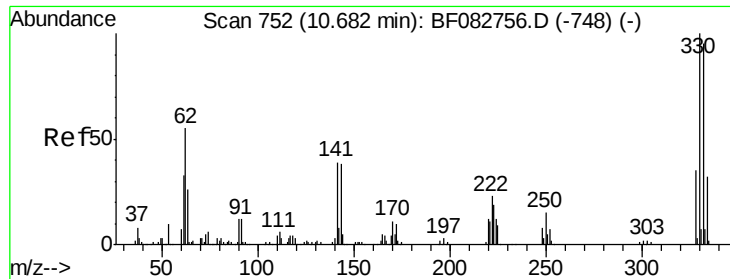
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



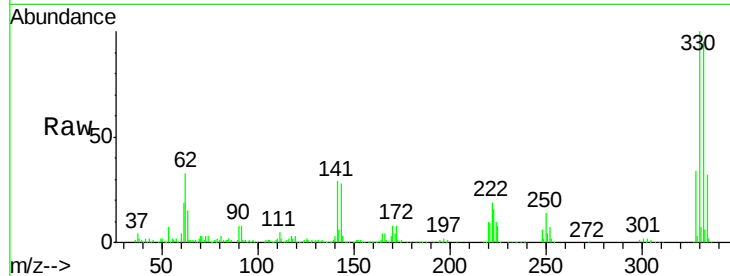
Time--> 8.85 8.90 8.95



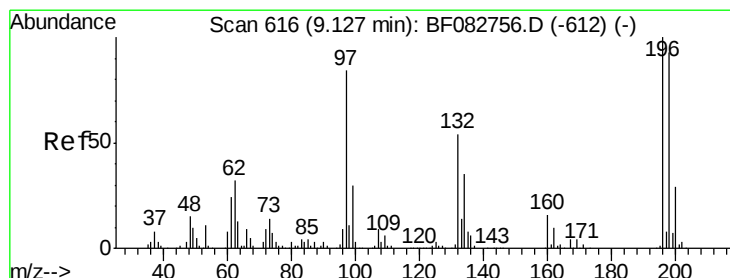
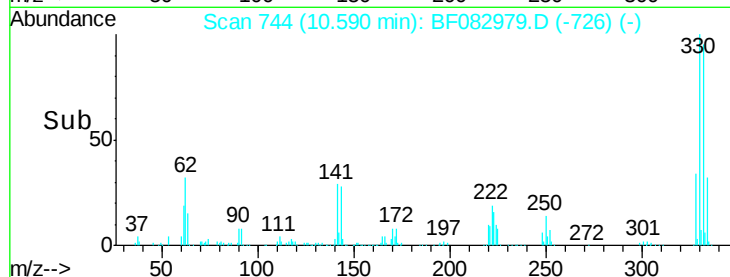
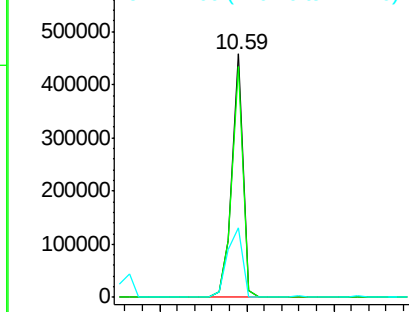
#41
 2,4,6-Tribromophenol
 Concen: 114.03 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 407224
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 39.0 41.2 61.8#

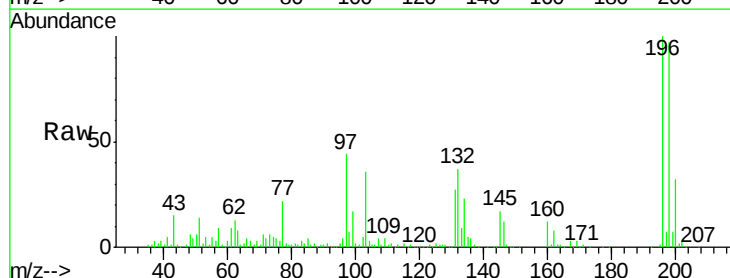


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

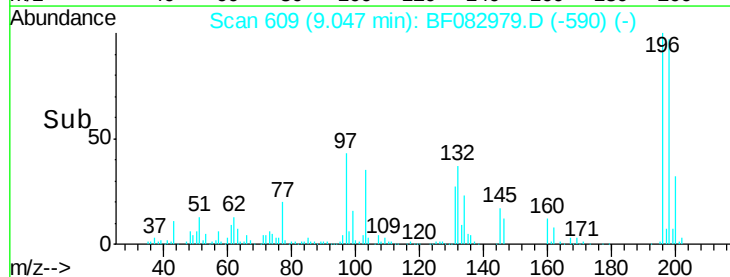
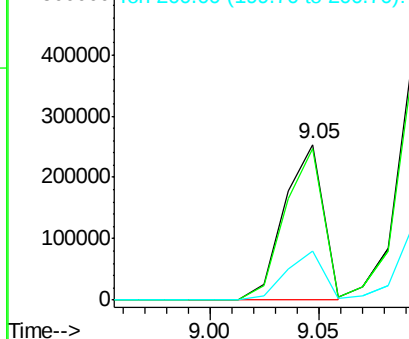


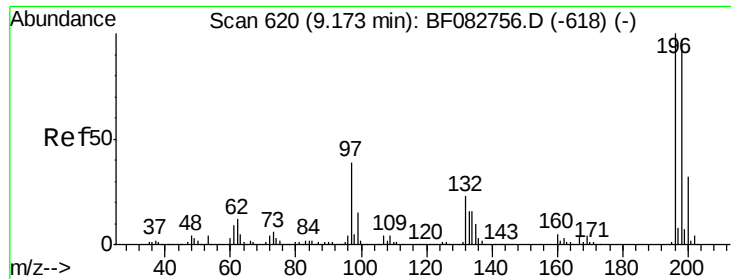
#42
 2,4,6-Trichlorophenol
 Concen: 41.53 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.08 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:196 Resp: 317332
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.3 114.5
 200 31.7 23.9 35.9



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

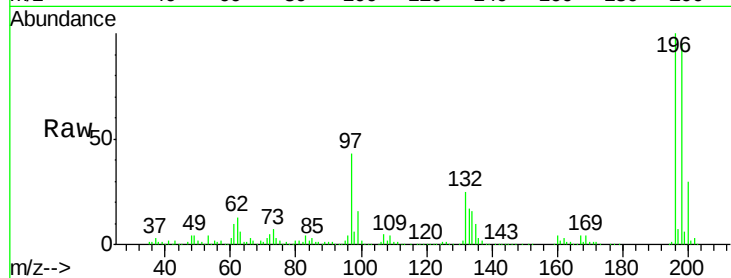




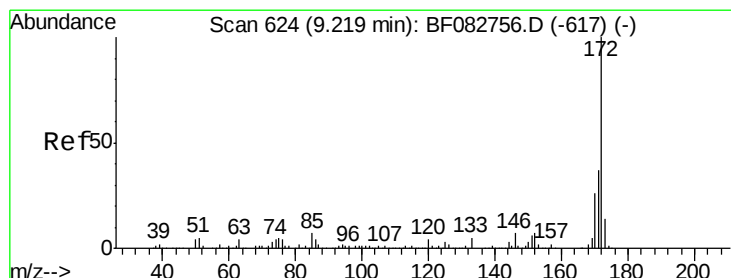
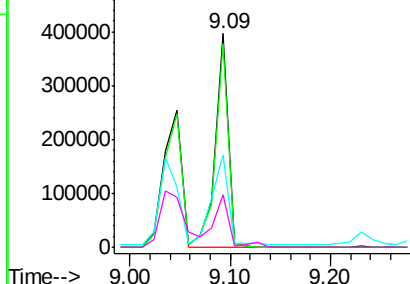
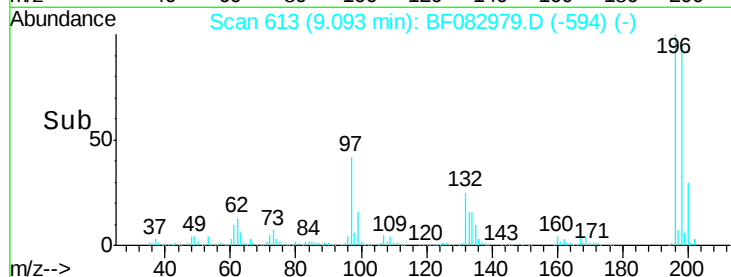
#43
 2,4,5-Trichlorophenol
 Concen: 46.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.08 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 353670
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.8 113.8
 97 43.3 62.3 93.5#
 132 24.9 27.4 41.2#

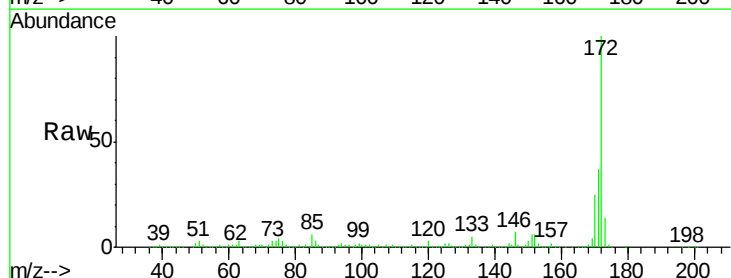


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

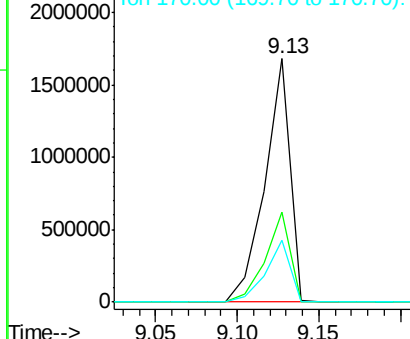
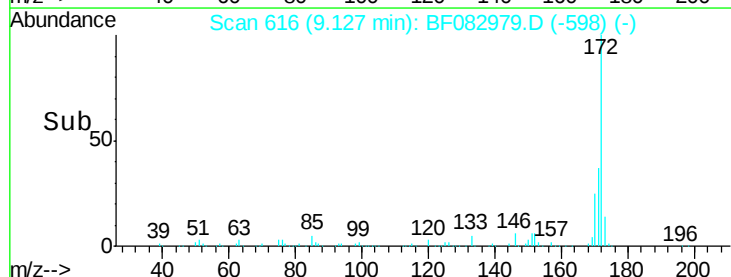


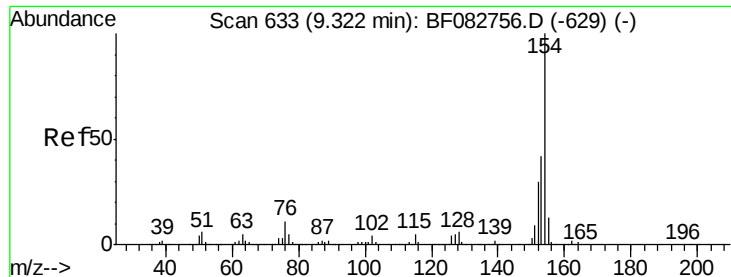
#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:172 Resp: 1806134
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.1 21.2 31.8



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

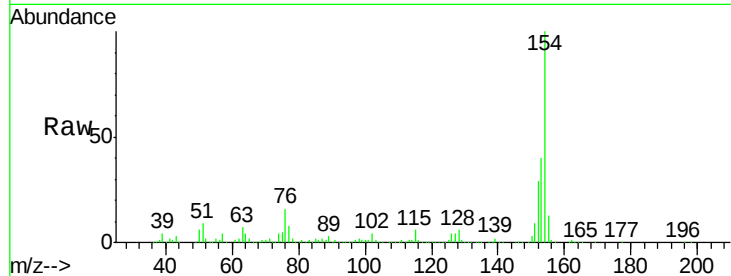




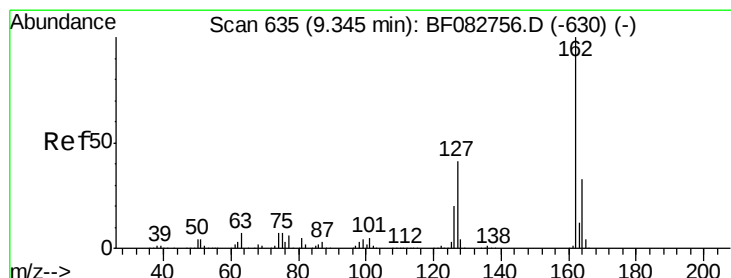
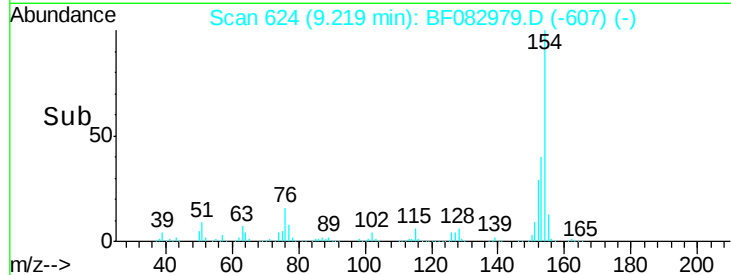
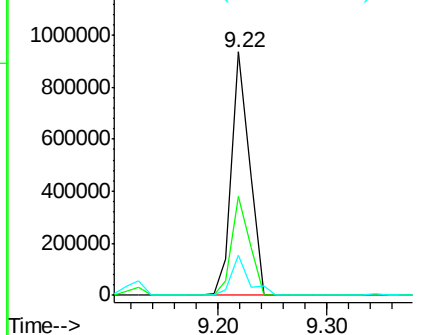
#45
 1,1'-Biphenyl
 Concen: 39.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1056833
 Ion Ratio Lower Upper
 154 100
 153 40.4 22.0 62.0
 76 16.2 0.0 29.0

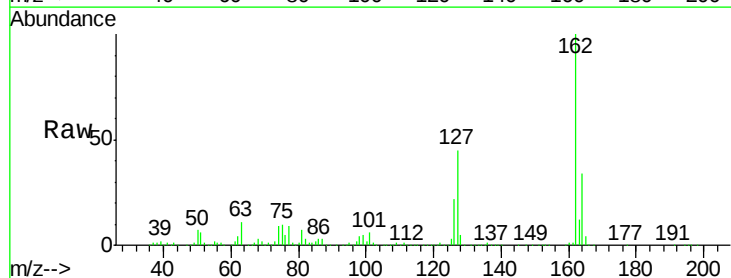


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

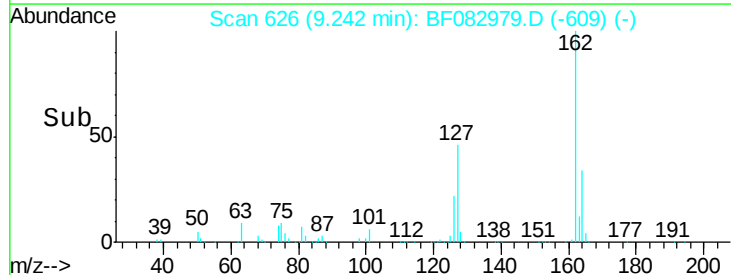
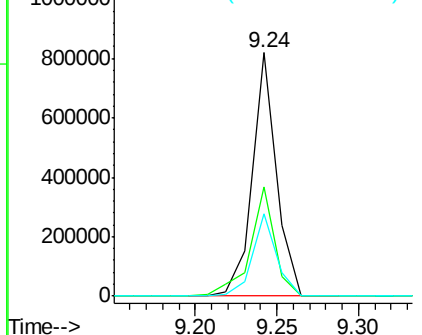


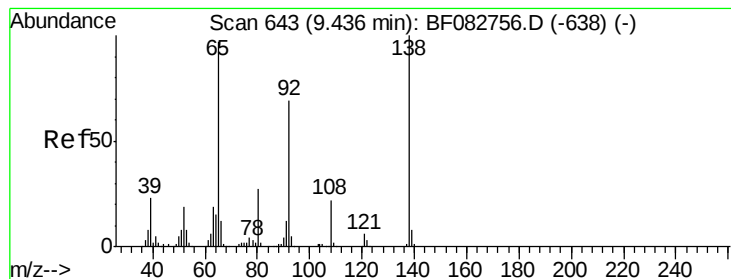
#46
 2-Chloronaphthalene
 Concen: 40.28 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:162 Resp: 839797
 Ion Ratio Lower Upper
 162 100
 127 44.9 32.7 49.1
 164 33.6 27.4 41.0



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

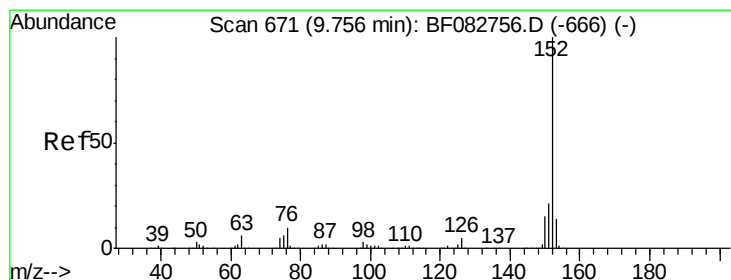
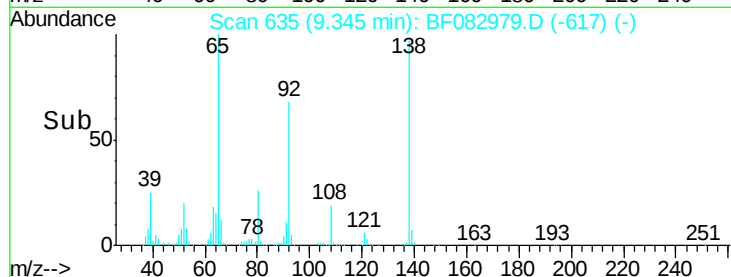
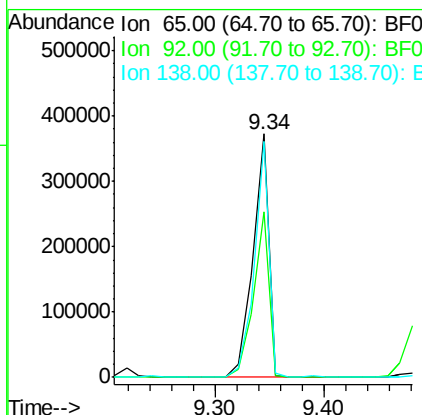
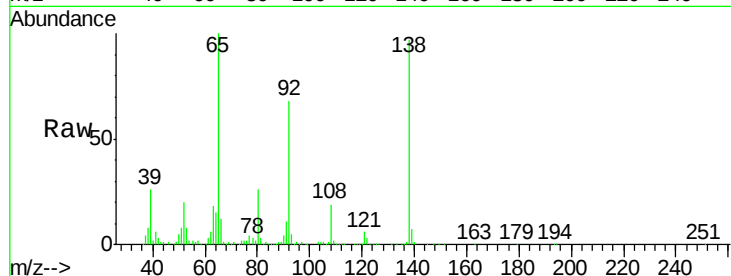




#47
2-Nitroaniline
Concen: 48.74 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

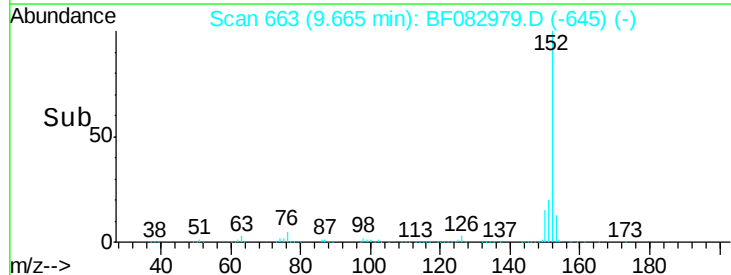
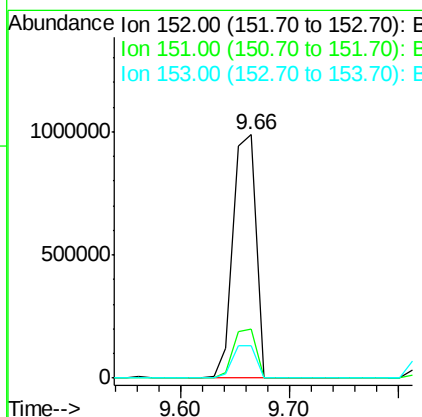
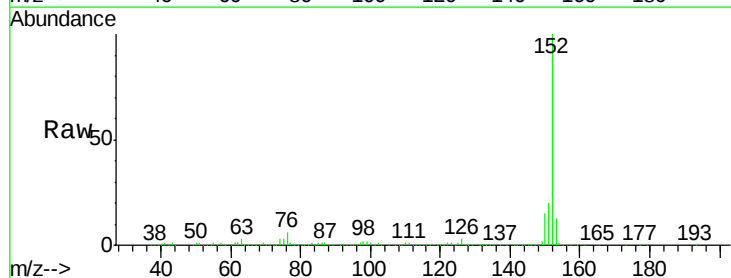
Instrument :
BNA_F
ClientSampleId :

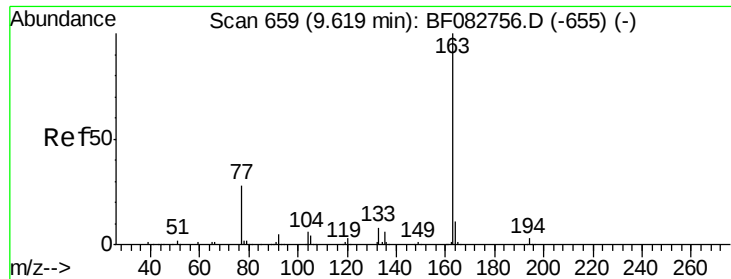
Tot Ion: 65 Resp: 376931
Ion Ratio Lower Upper
65 100
92 67.9 46.6 70.0
138 97.1 54.6 81.8#



#48
Acenaphthylene
Concen: 43.31 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion: 152 Resp: 1415033
Ion Ratio Lower Upper
152 100
151 20.2 17.3 25.9
153 13.2 11.3 16.9

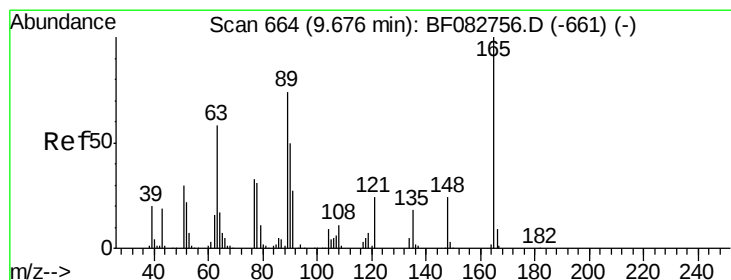
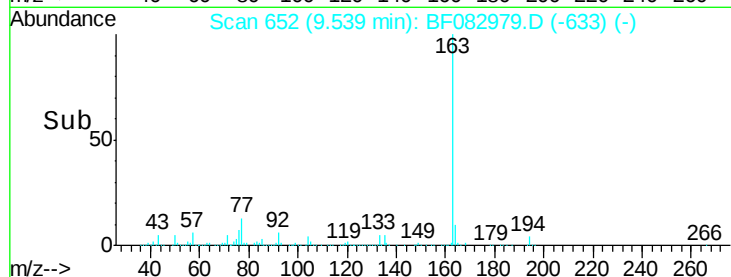
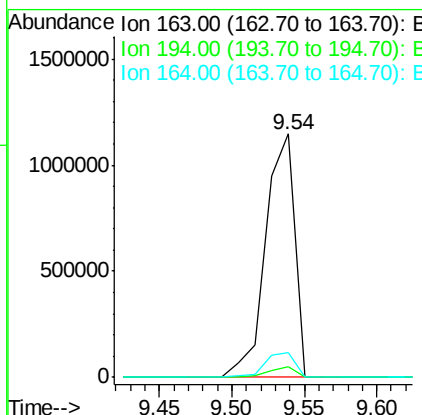
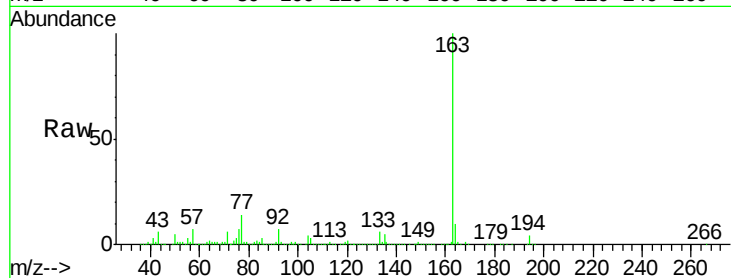




#49
Dimethylphthalate
Concen: 62.39 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

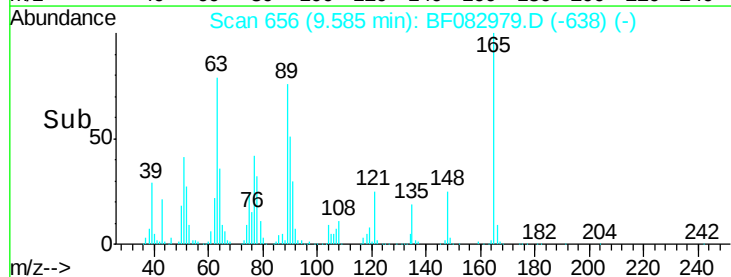
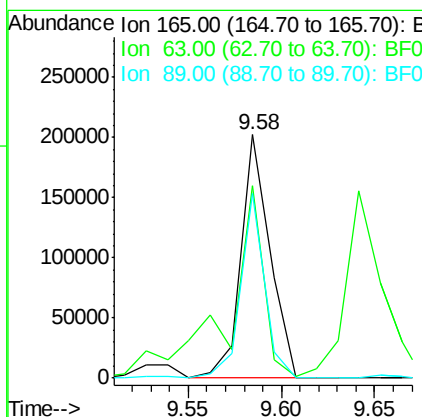
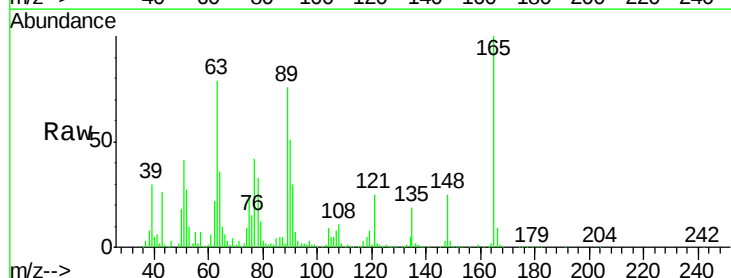
Instrument :
BNA_F
ClientSampleId :

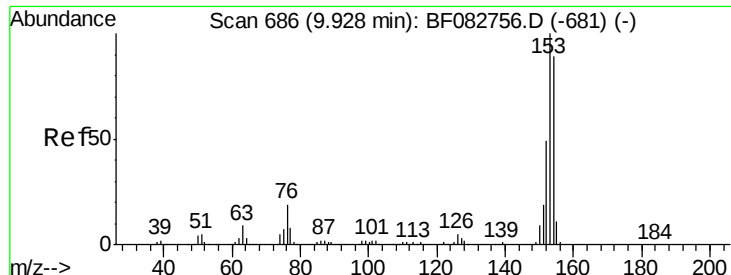
Tot Ion:163 Resp: 1592008
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 10.1 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 39.94 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:165 Resp: 217476
Ion Ratio Lower Upper
165 100
63 79.0 55.5 83.3
89 75.6 55.0 82.6





#51

Acenaphthene

Concen: 47.23 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

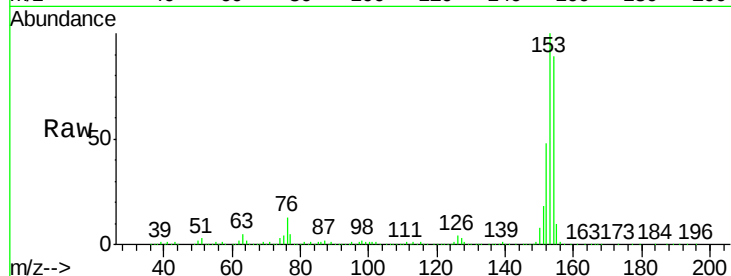
Tot Ion:154 Resp: 977994

Ion Ratio Lower Upper

154 100

153 112.2 90.1 135.1

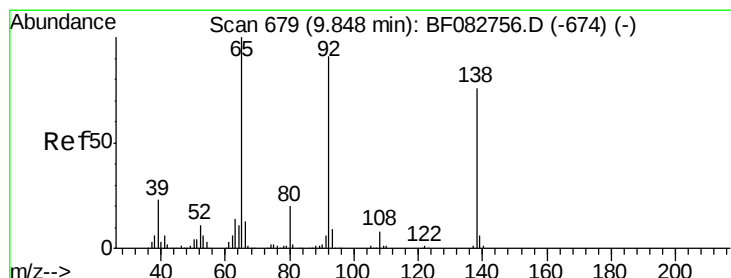
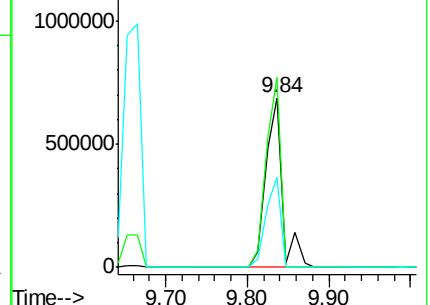
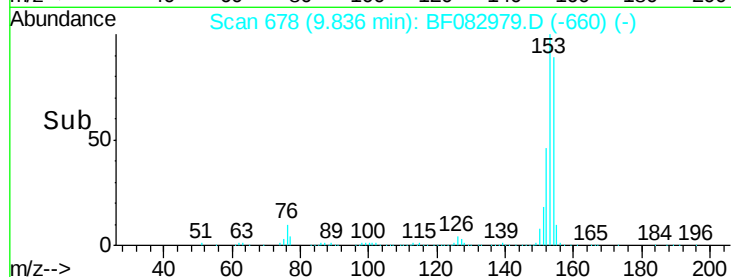
152 53.4 44.3 66.5



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: 29.40 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

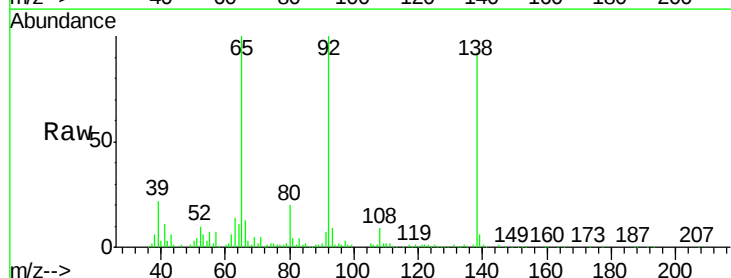
Tgt Ion:138 Resp: 176048

Ion Ratio Lower Upper

138 100

108 10.1 11.3 16.9#

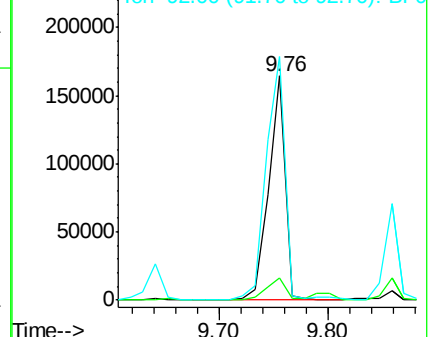
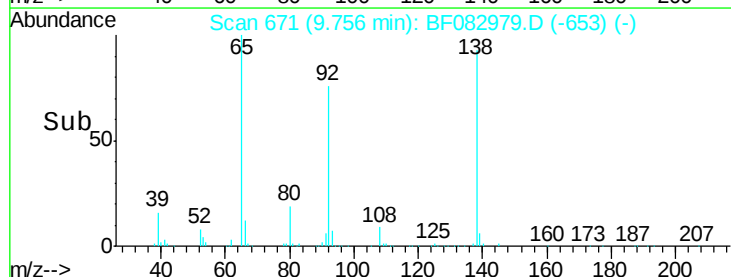
92 108.8 122.4 183.6#

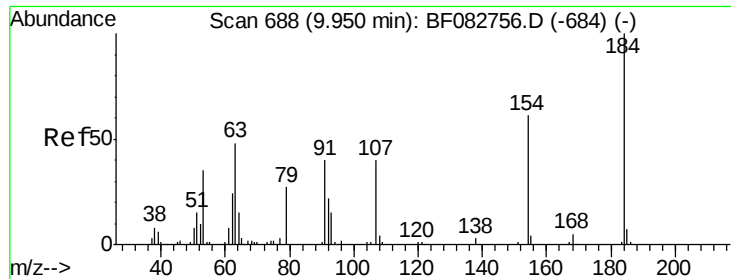


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

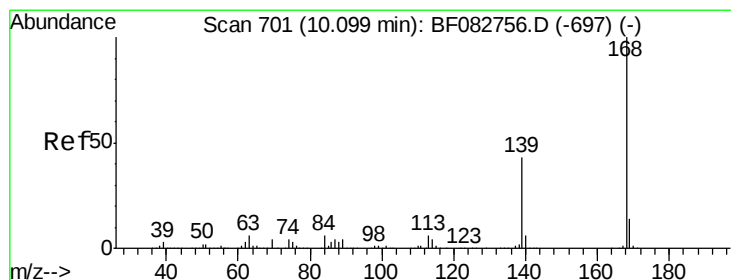
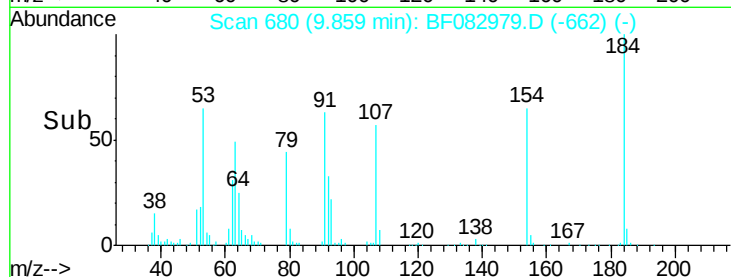
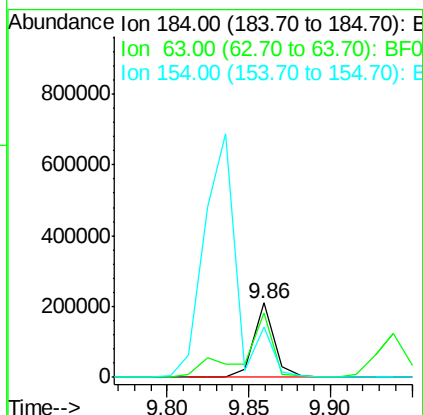
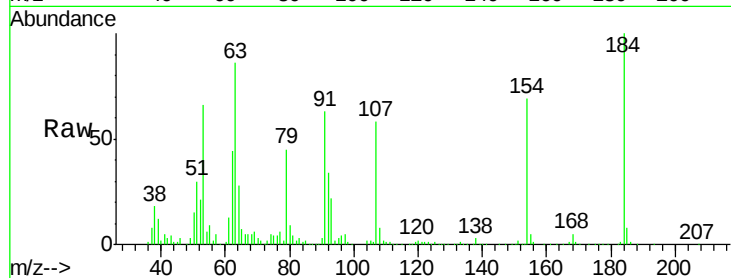




#53
2,4-Dinitrophenol
Concen: 62.32 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

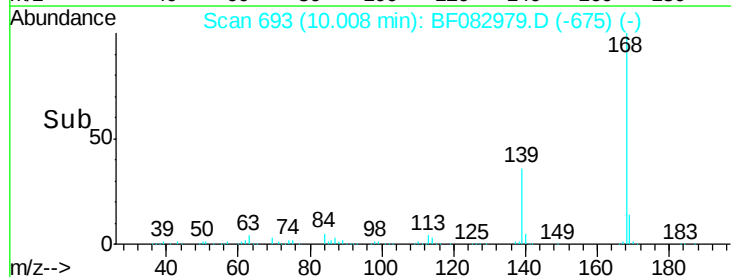
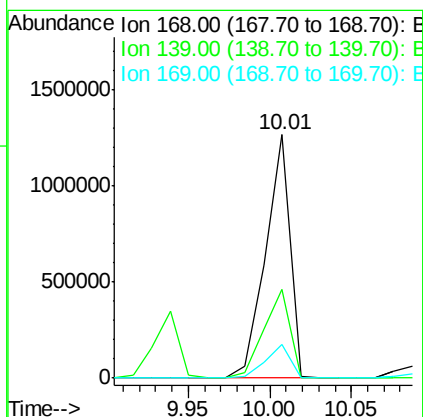
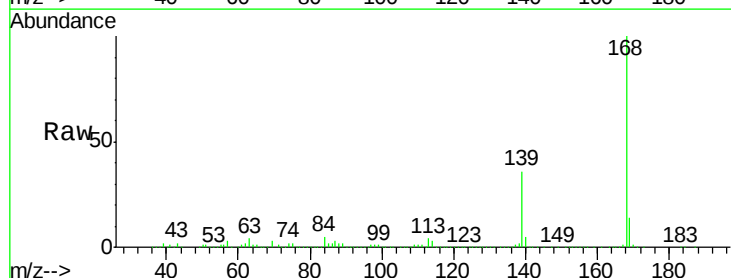
Instrument :
BNA_F
ClientSampleId :

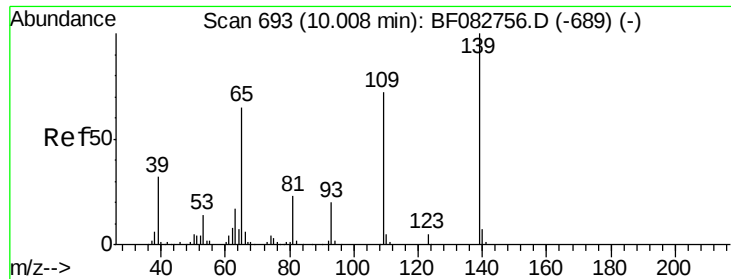
Tot Ion:184 Resp: 186300
Ion Ratio Lower Upper
184 100
63 86.3 98.6 148.0#
154 68.5 183.9 275.9#



#54
Dibenzofuran
Concen: 47.30 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:168 Resp: 1320473
Ion Ratio Lower Upper
168 100
139 36.4 37.8 56.6#
169 13.6 11.3 16.9

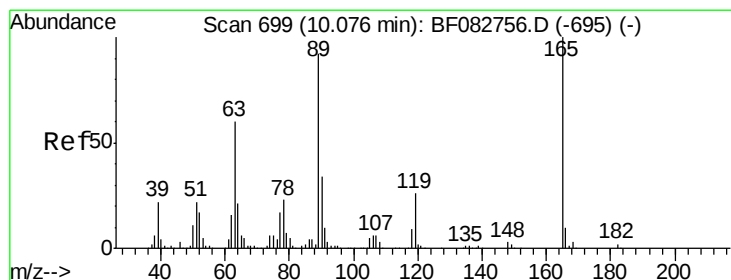
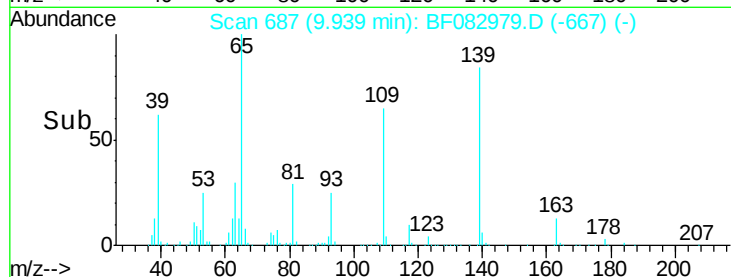
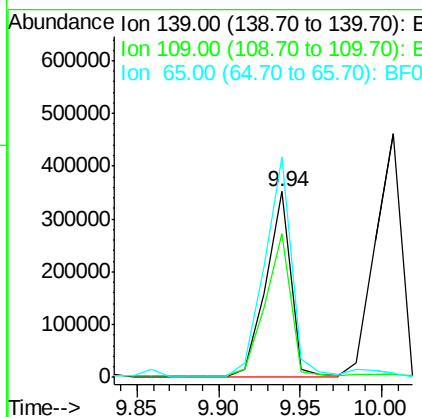
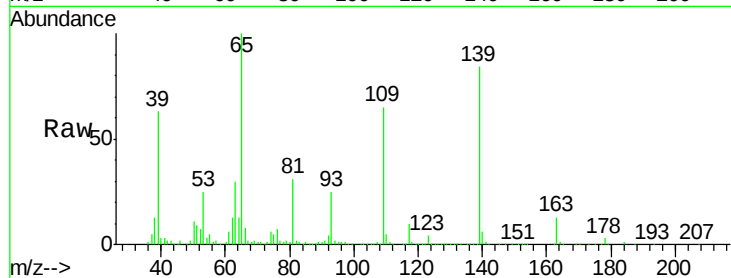




#55
4-Nitrophenol
Concen: 81.36 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

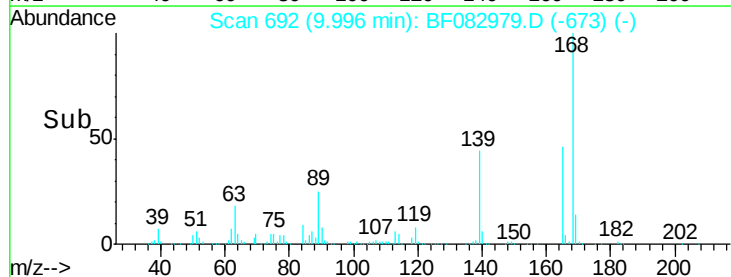
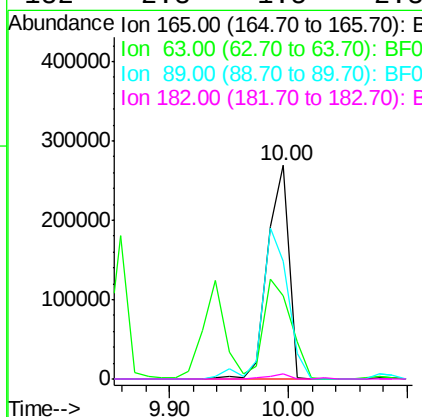
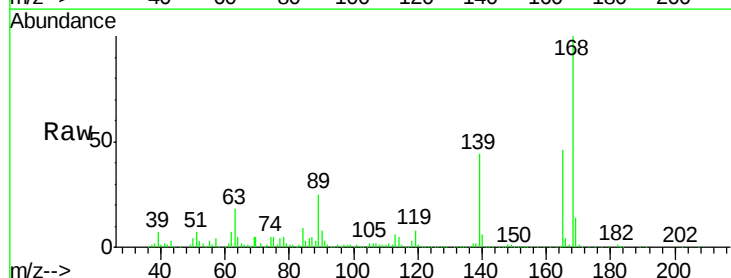
Instrument :
BNA_F
ClientSampleId :

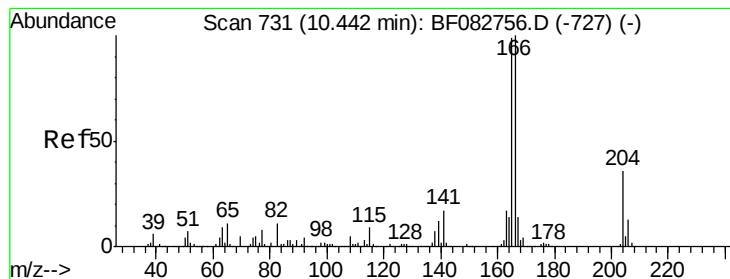
Tot Ion:139 Resp: 373776
Ion Ratio Lower Upper
139 100
109 77.5 73.7 113.7
65 119.0 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 45.35 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:165 Resp: 335049
Ion Ratio Lower Upper
165 100
63 39.1 43.4 65.0#
89 55.3 70.6 106.0#
182 2.3 1.5 2.3





#57

Fluorene

Concen: 43.38 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

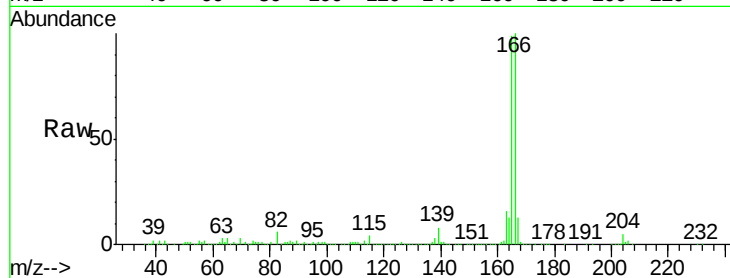
Tot Ion:166 Resp: 980792

Ion Ratio Lower Upper

166 100

165 98.6 80.2 120.4

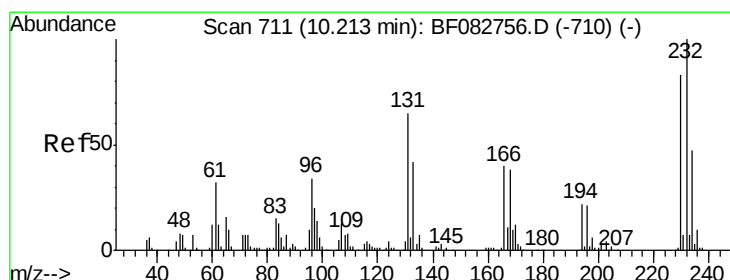
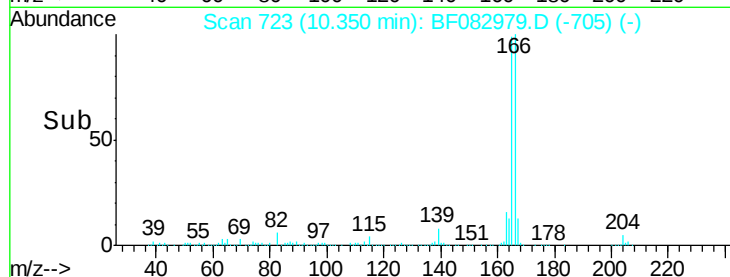
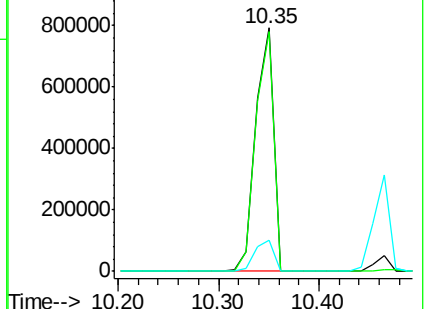
167 12.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.67 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:232 Resp: 256968

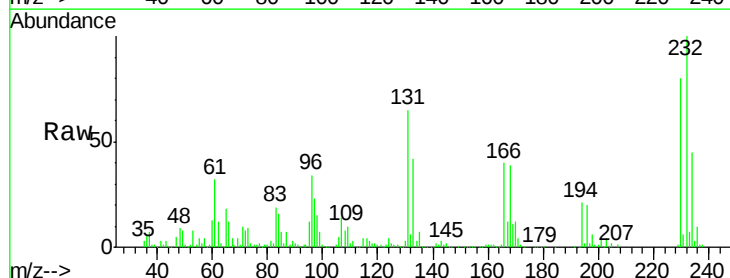
Ion Ratio Lower Upper

232 100

131 45.9 46.2 69.2#

130 2.3 2.4 3.6#

166 31.5 28.2 42.2

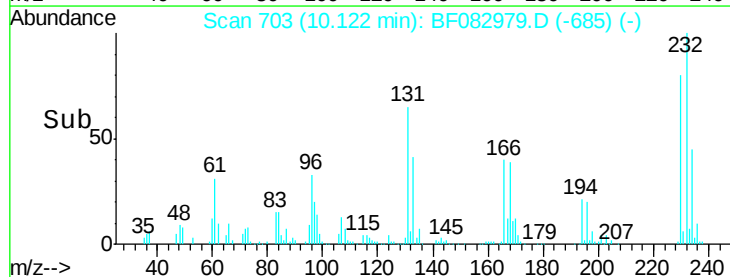
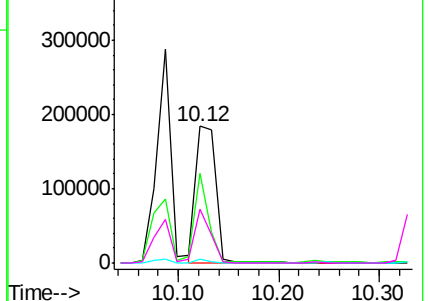


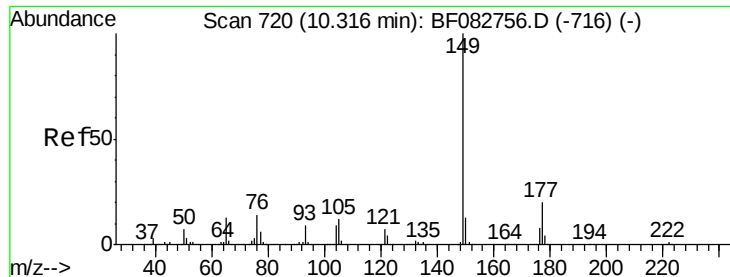
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

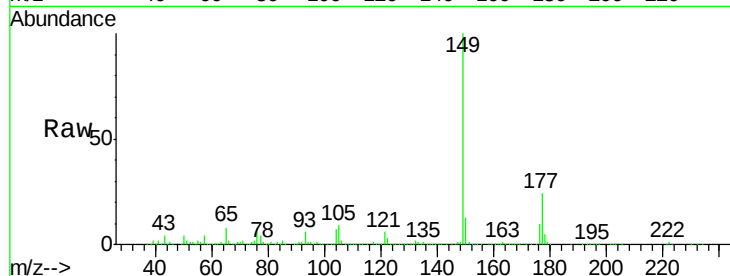




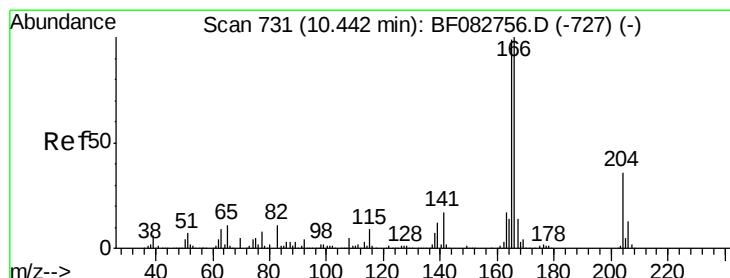
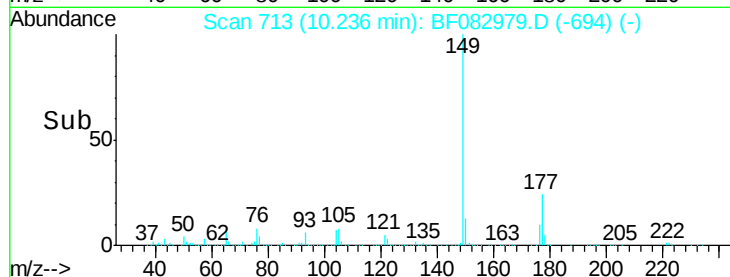
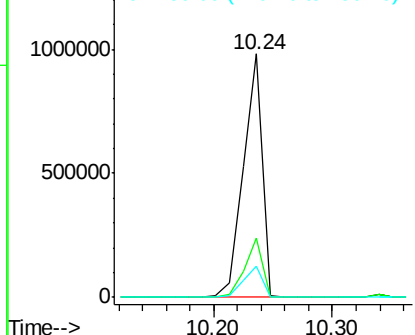
#59
Diethylphthalate
Concen: 43.58 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1085750
Ion Ratio Lower Upper
149 100
177 24.3 17.9 26.9
150 12.7 10.1 15.1

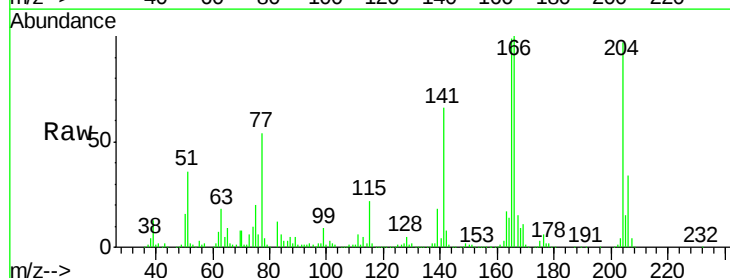


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

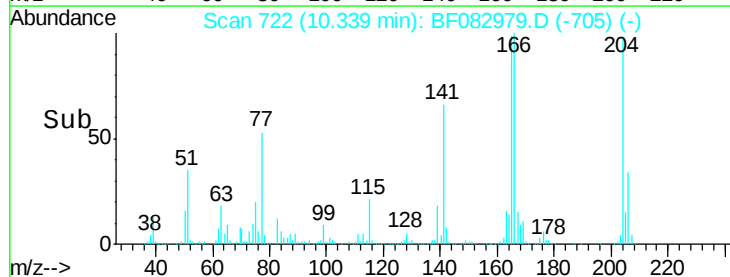
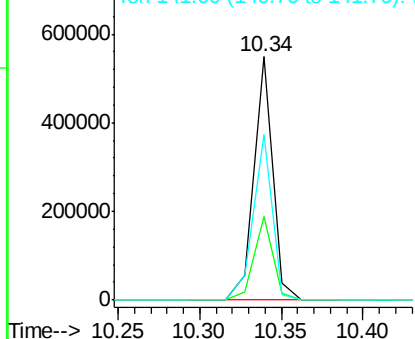


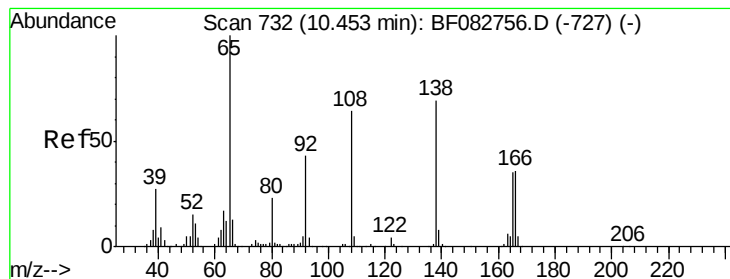
#60
4-Chlorophenyl-phenylether
Concen: 39.22 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:204 Resp: 443710
Ion Ratio Lower Upper
204 100
206 34.6 28.5 42.7
141 67.8 44.6 66.8#



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: 44.48 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

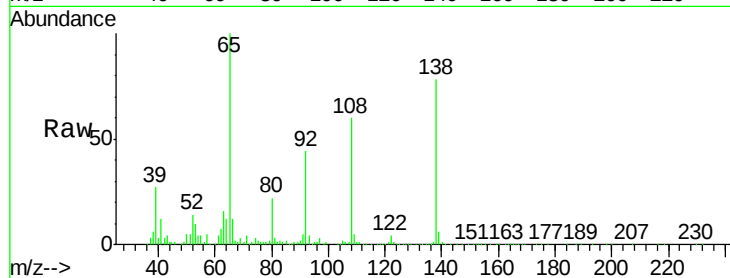
Tot Ion:138 Resp: 267869

Ion Ratio Lower Upper

138 100

92 56.9 45.8 85.8

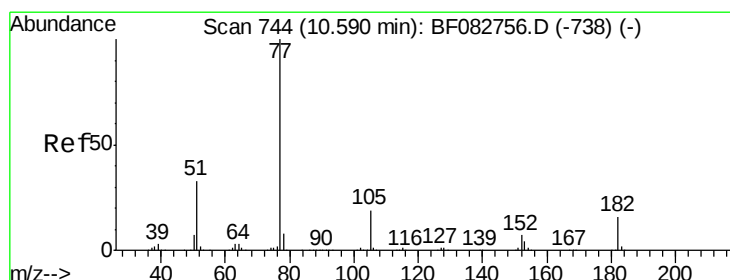
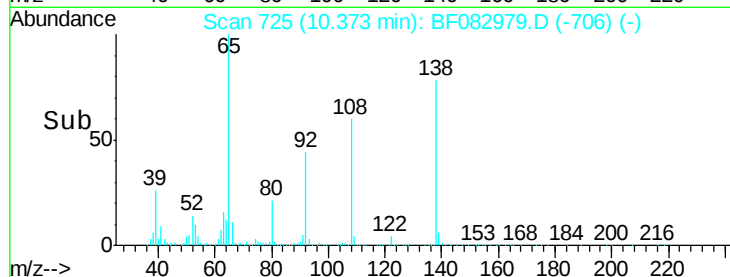
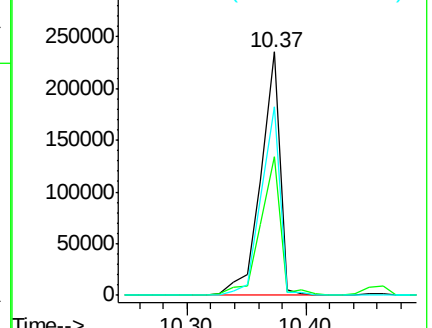
108 77.3 89.4 129.4#



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: 46.16 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion: 77 Resp: 1235483

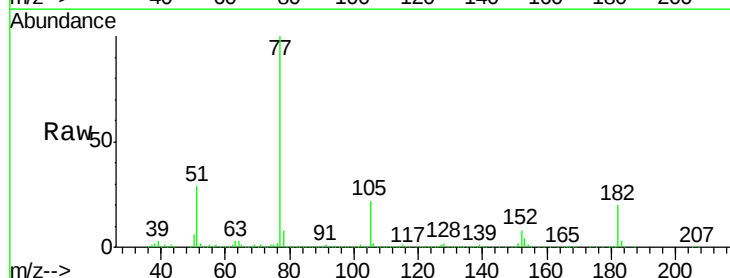
Ion Ratio Lower Upper

77 100

182 20.4 9.3 49.3

105 22.1 2.6 42.6

51 29.4 9.9 49.9

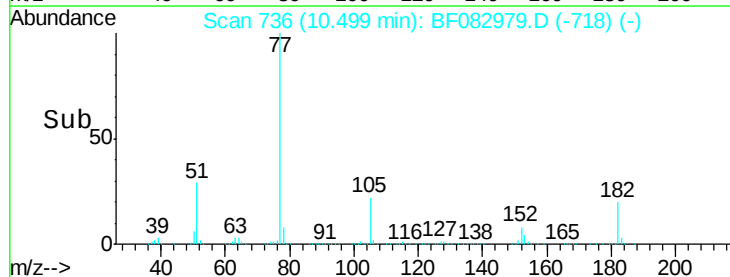
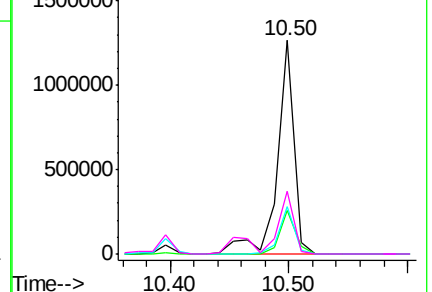


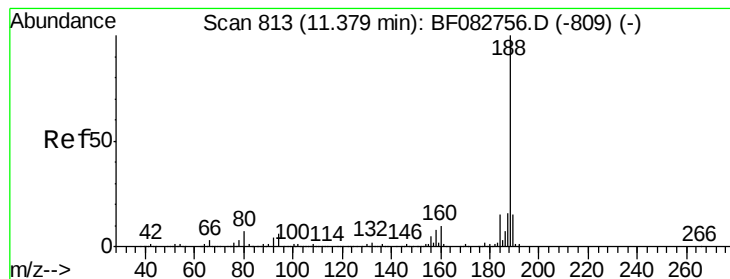
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

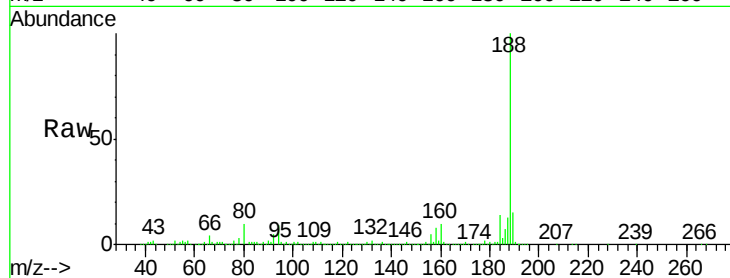
Tot Ion:188 Resp: 593109

Ion Ratio Lower Upper

188 100

94 9.1 6.1 9.1#

80 10.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.28

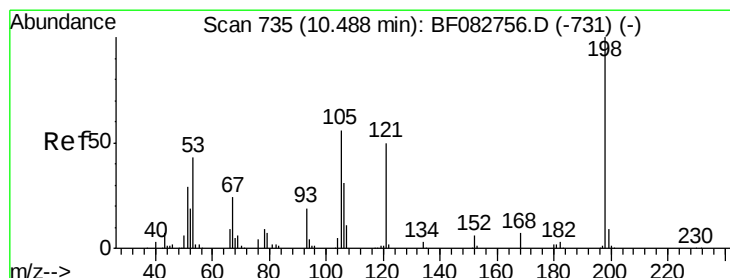
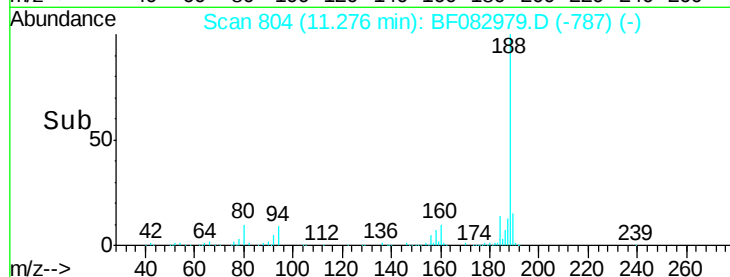
600000

400000

200000

0

Time--> 11.20 11.25 11.30



#64

4,6-Dinitro-2-methylphenol

Concen: 37.28 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

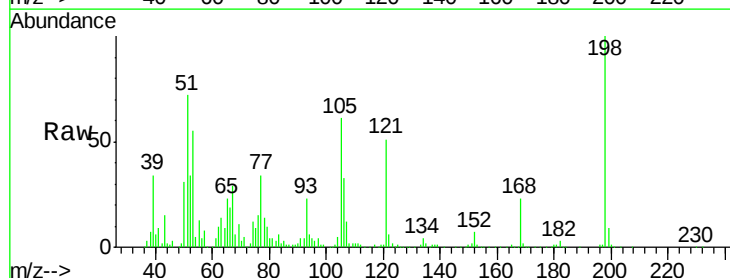
Tgt Ion:198 Resp: 157520

Ion Ratio Lower Upper

198 100

51 72.1 17.3 57.3#

105 61.0 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.40

500000

400000

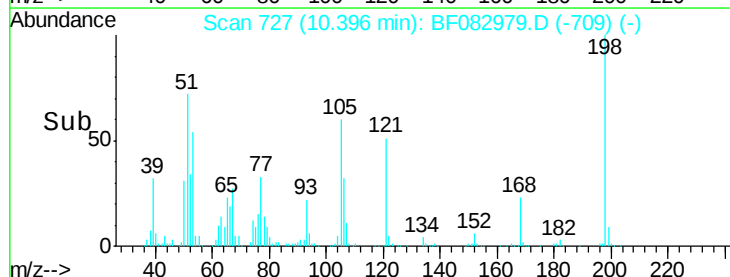
300000

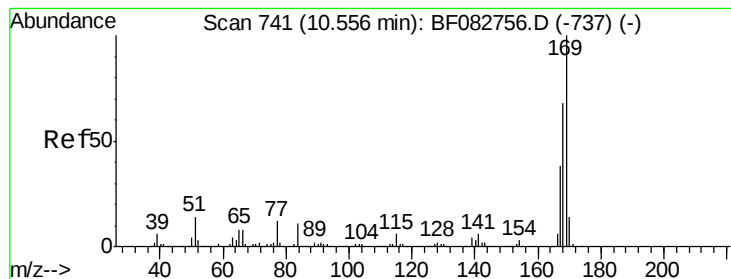
200000

100000

0

Time--> 10.30 10.40 10.50

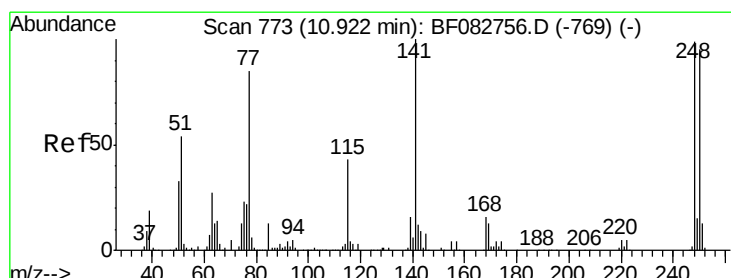
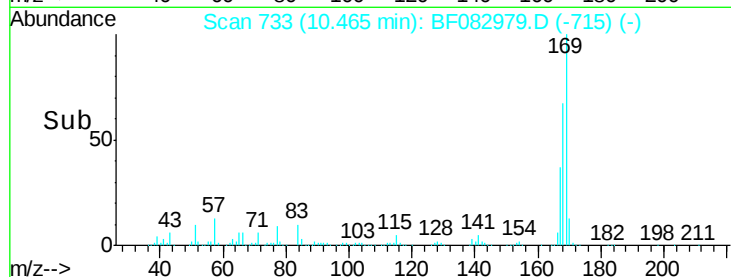
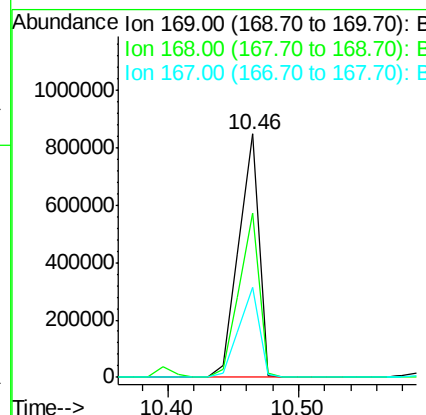
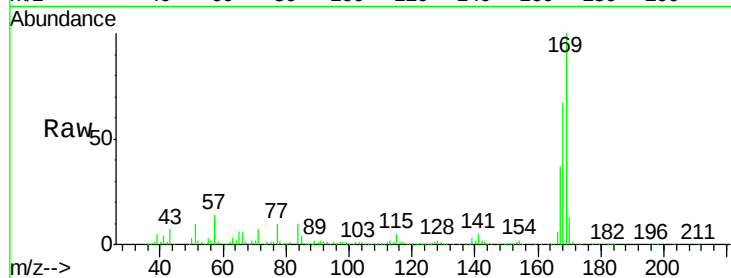




#65
 n-Nitrosodiphenylamine
 Concen: 42.69 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

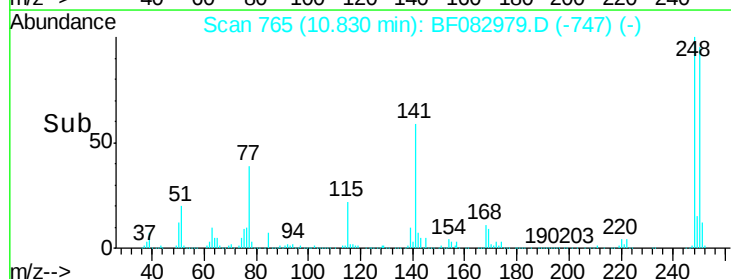
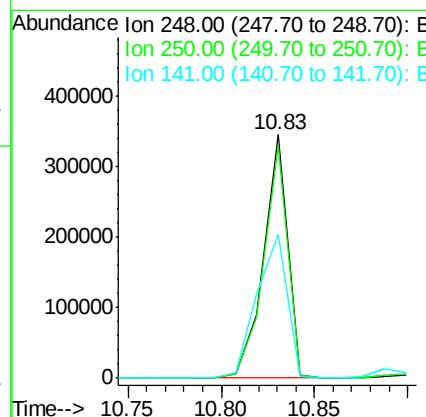
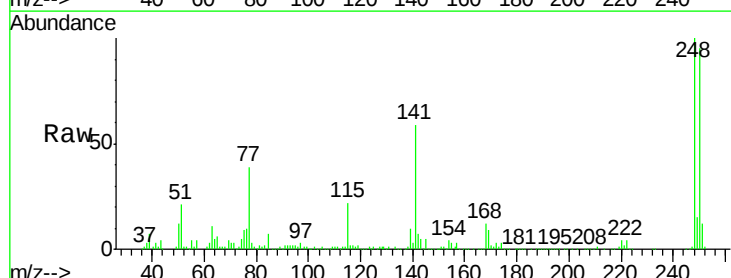
Instrument :
 BNA_F
 ClientSampled :

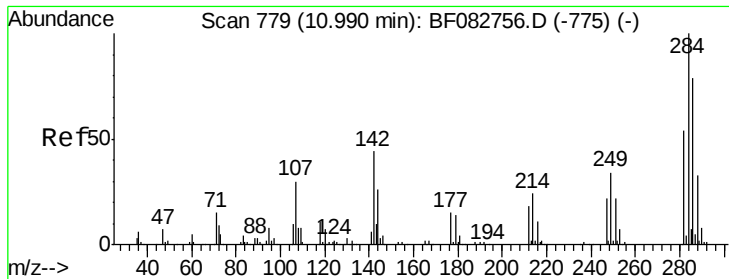
Tot Ion:169 Resp: 914775
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.0 82.6
 167 36.9 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 42.68 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:248 Resp: 304785
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.4 119.2
 141 59.0 36.3 54.5#

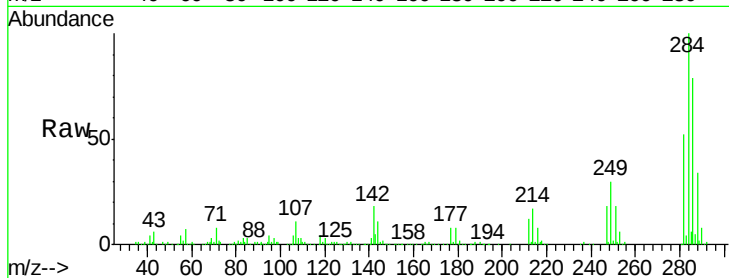




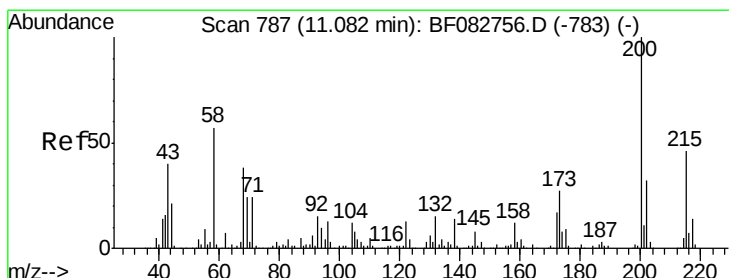
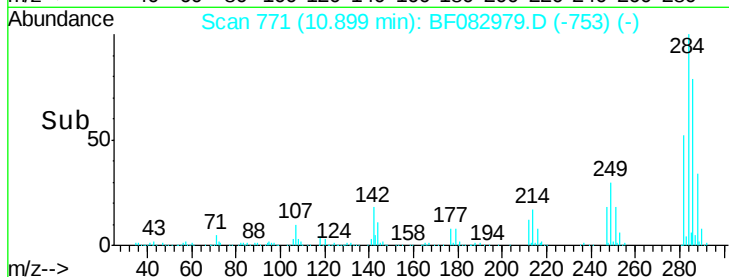
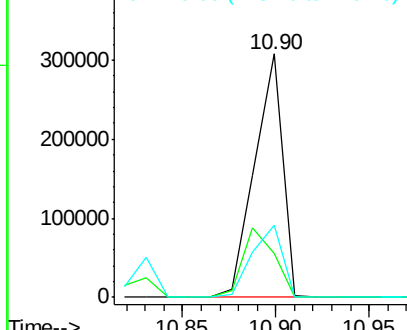
#67
Hexachlorobenzene
Concen: 40.90 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 326157
Ion Ratio Lower Upper
284 100
142 18.1 47.9 71.9#
249 29.6 29.7 44.5#

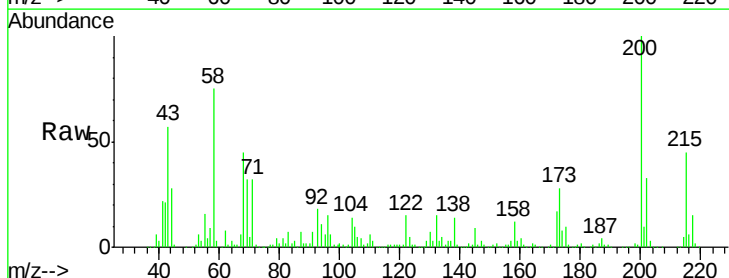


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

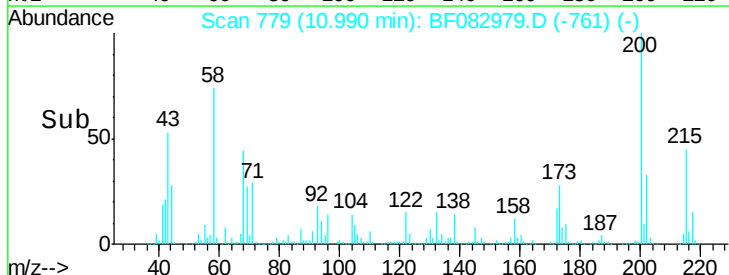
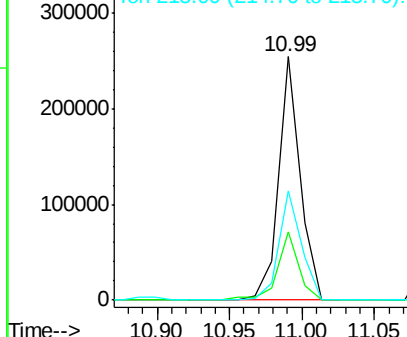


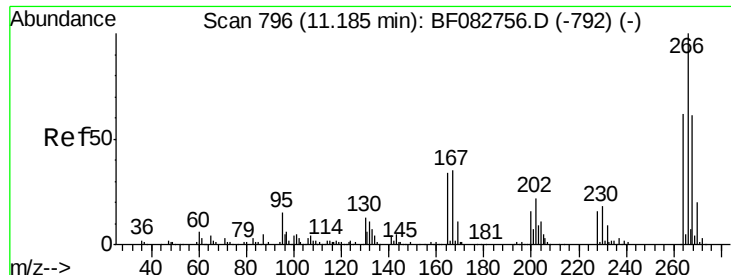
#68
Atrazine
Concen: 39.41 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:200 Resp: 261124
Ion Ratio Lower Upper
200 100
173 28.0 6.9 46.9
215 45.1 22.9 62.9



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

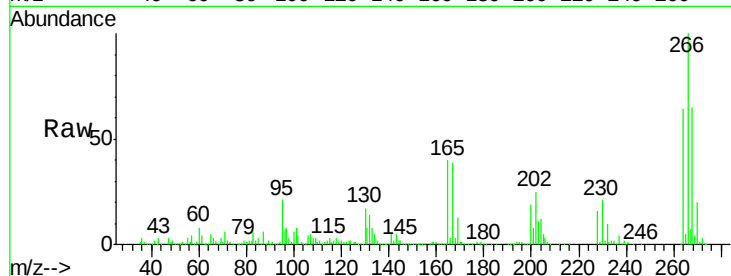




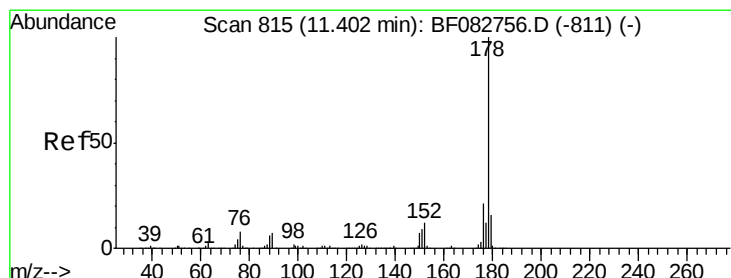
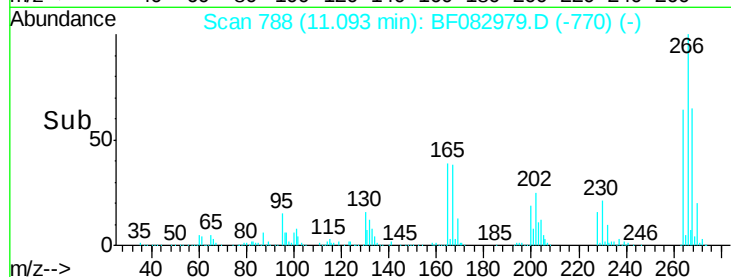
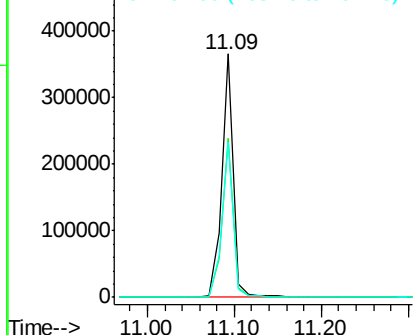
#69
 Pentachlorophenol
 Concen: 70.95 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 343571
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.0 76.6
 264 63.9 50.6 75.8

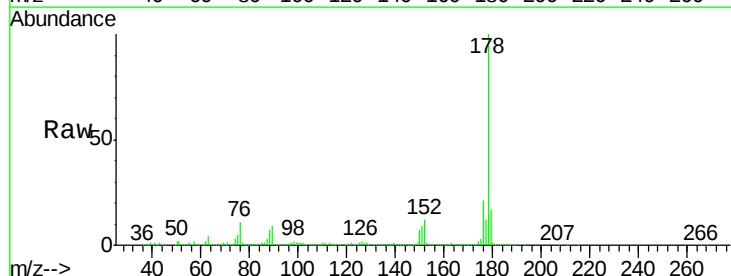


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

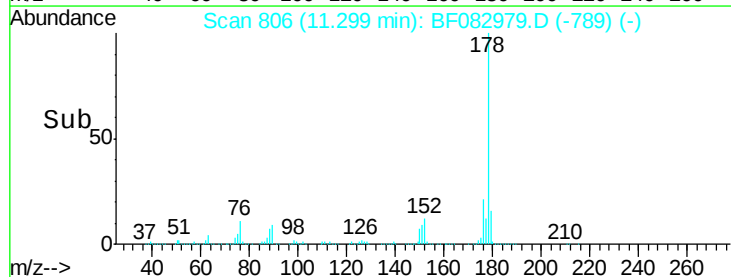
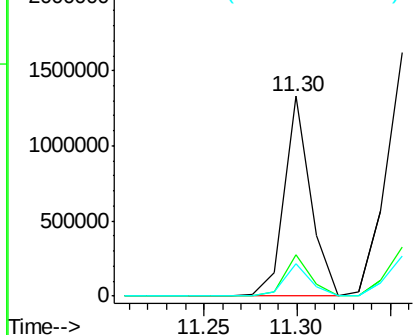


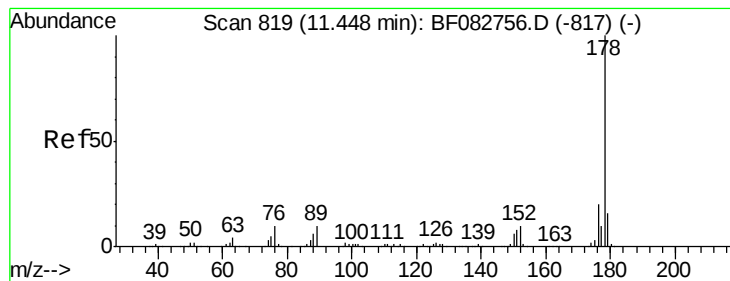
#70
 Phenanthrene
 Concen: 37.99 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:178 Resp: 1308602
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.4
 179 16.5 13.4 20.0



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

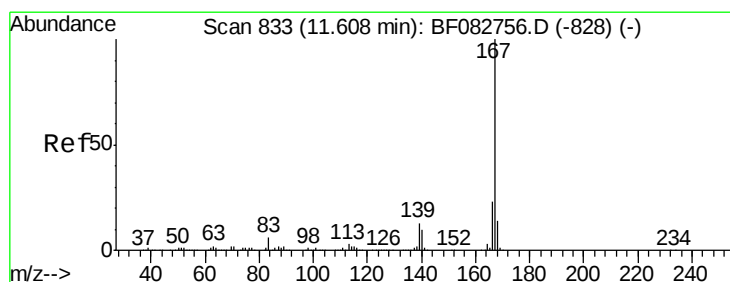
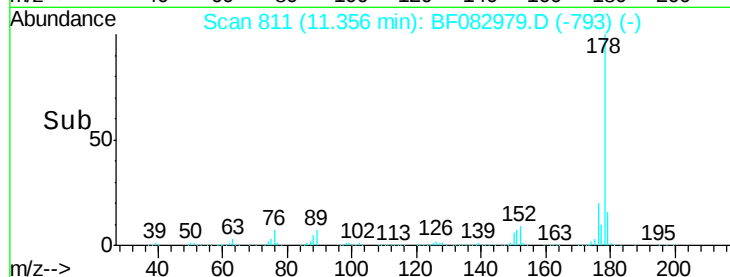
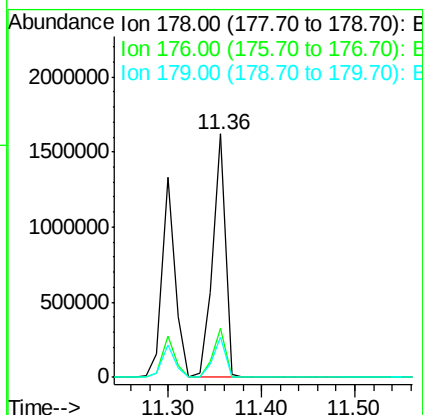
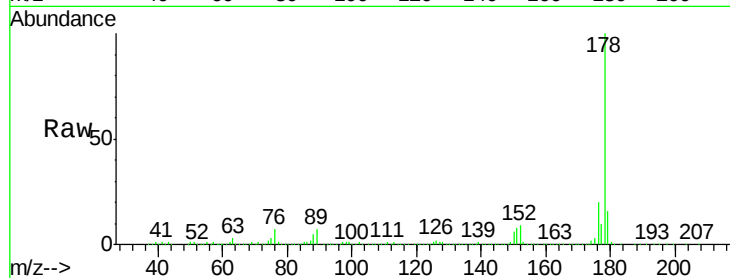




#71
 Anthracene
 Concen: 42.45 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

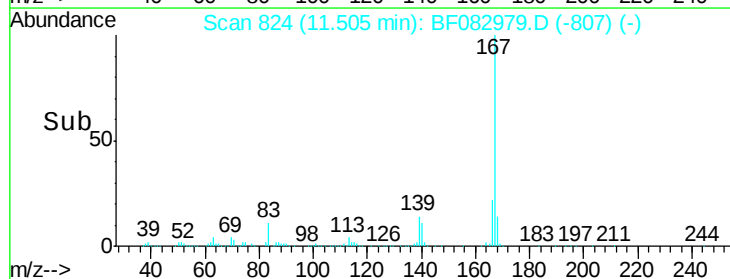
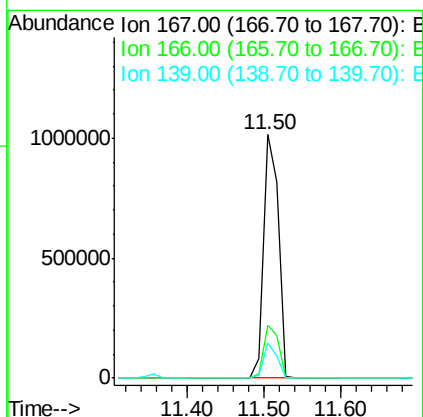
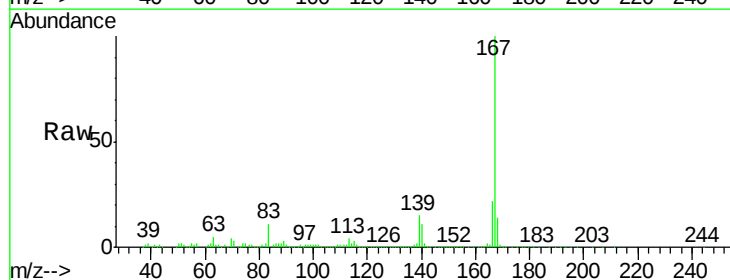
Instrument :
 BNA_F
 ClientSampleId :

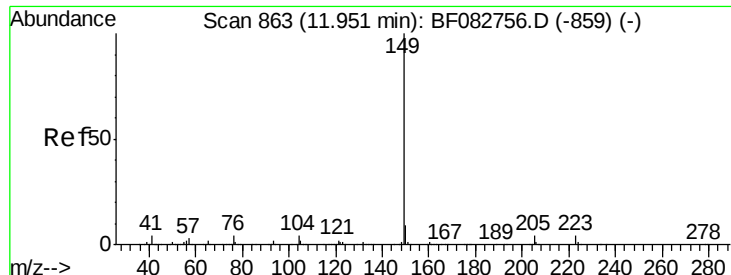
Tot Ion:178 Resp: 1540333
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.5 13.2 19.8



#72
 Carbazole
 Concen: 41.68 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:167 Resp: 1323792
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.7 28.1
 139 14.6 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.16 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

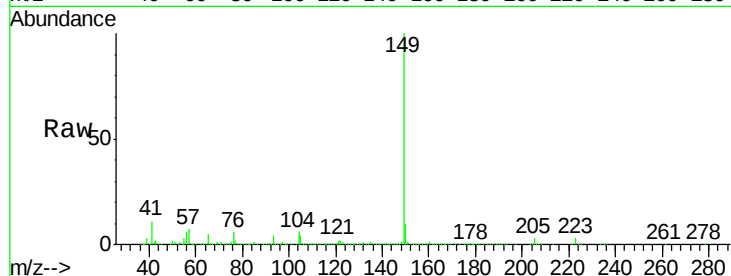
Tot Ion:149 Resp: 1470388

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

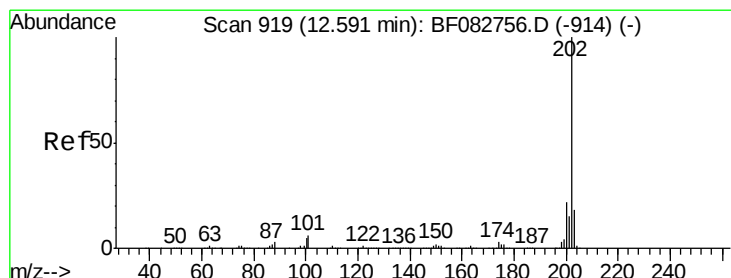
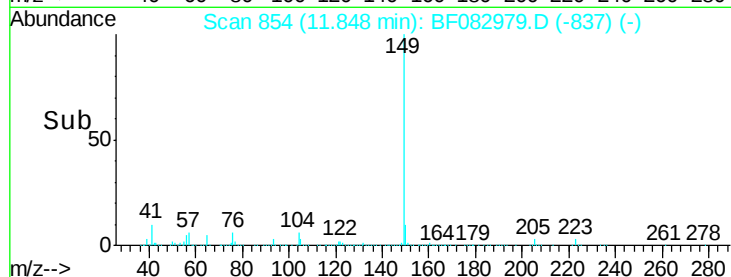
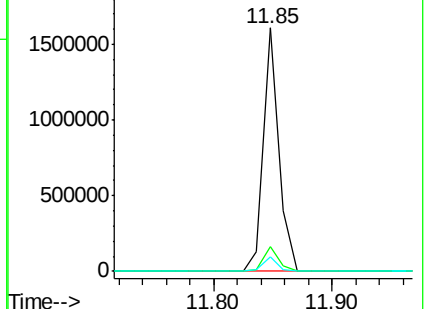
104 5.8 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.14 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

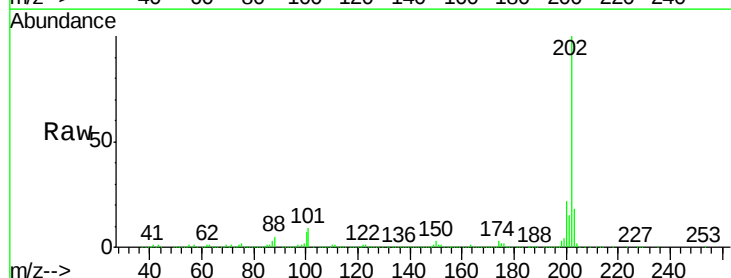
Tgt Ion:202 Resp: 1557511

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.5

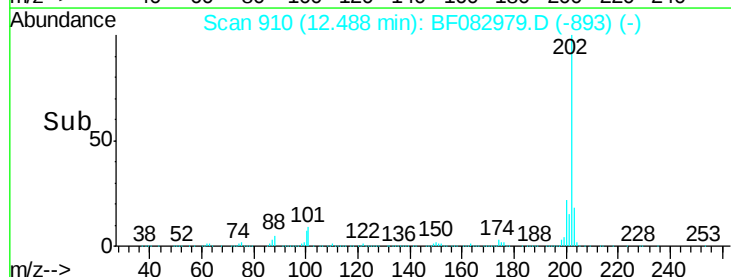
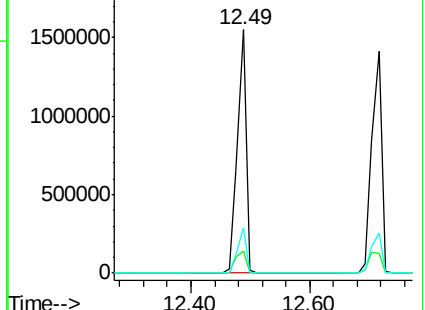
203 18.5 0.0 38.5

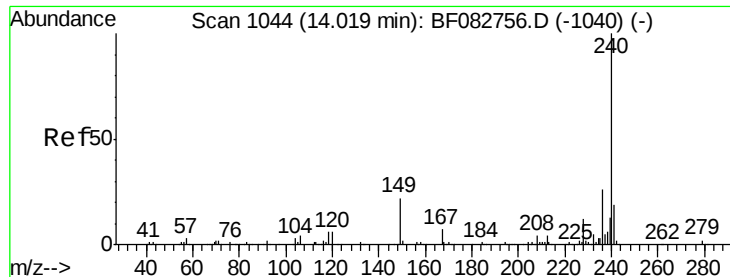


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

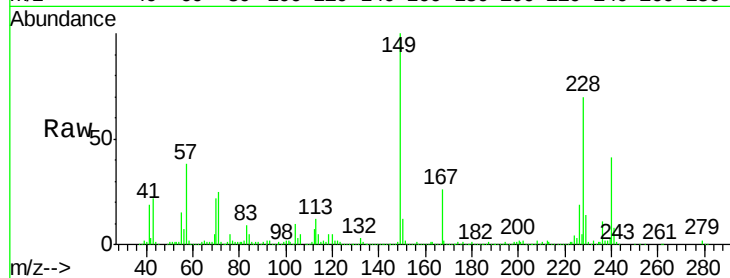
Tot Ion:240 Resp: 422297

Ion Ratio Lower Upper

240 100

120 13.2 10.9 16.3

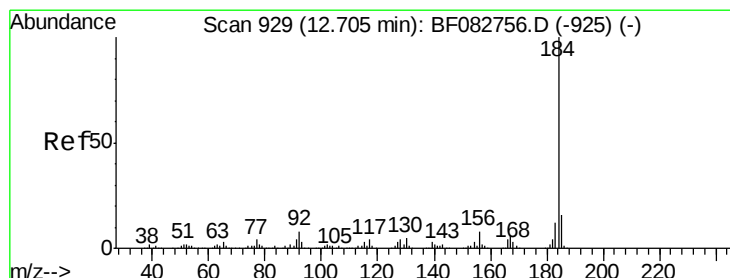
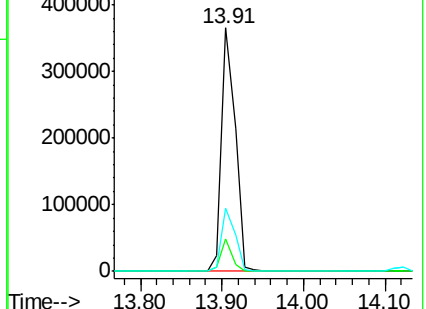
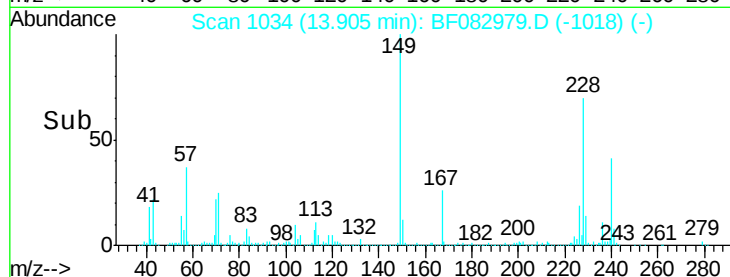
236 26.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.88 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

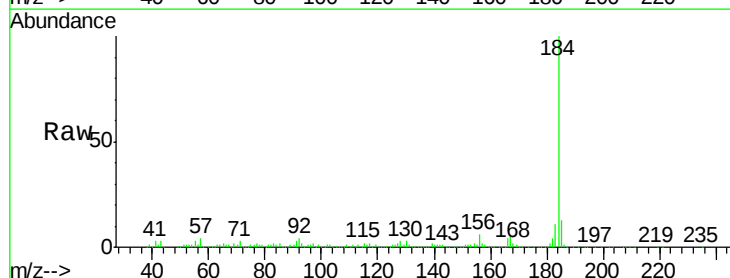
Tgt Ion:184 Resp: 550246

Ion Ratio Lower Upper

184 100

185 13.1 12.0 18.0

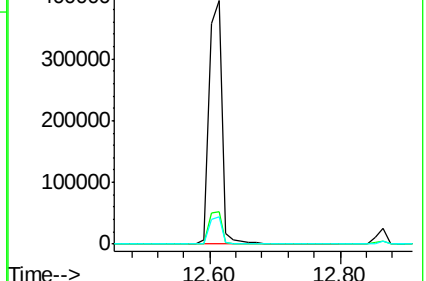
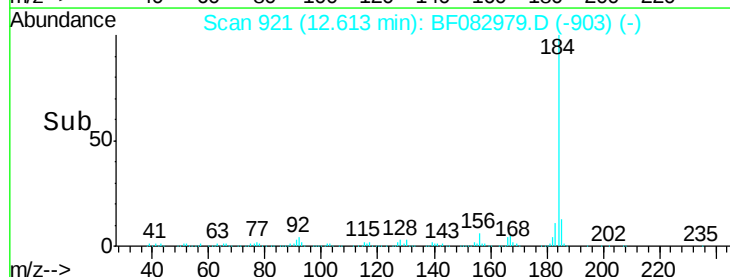
183 11.2 9.6 14.4

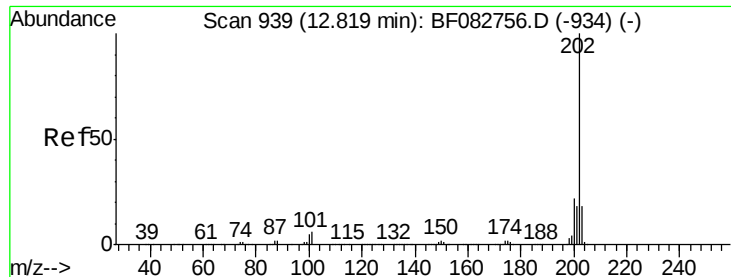


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 55.40 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

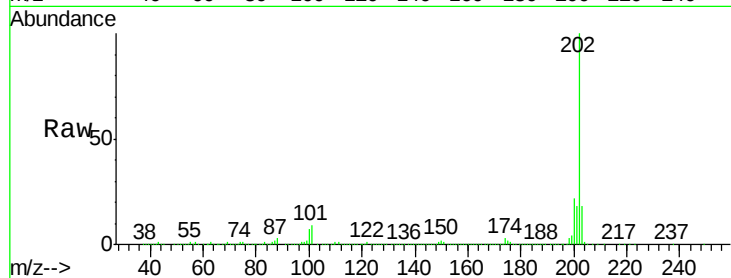
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1606605

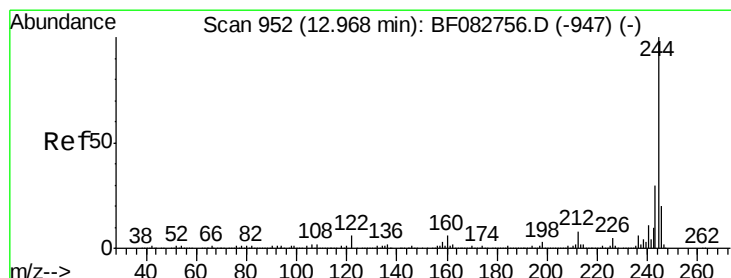
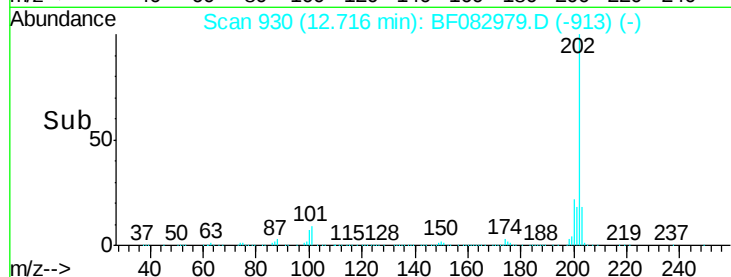
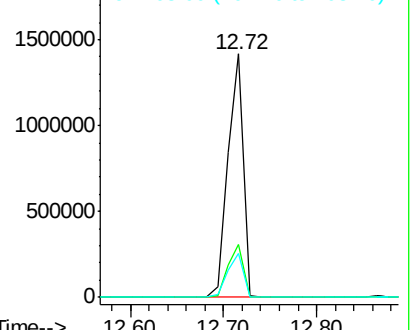
Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.7	28.1
203	17.8	14.8	22.2



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: 94.46 ng

RT: 12.86 min Scan# 943

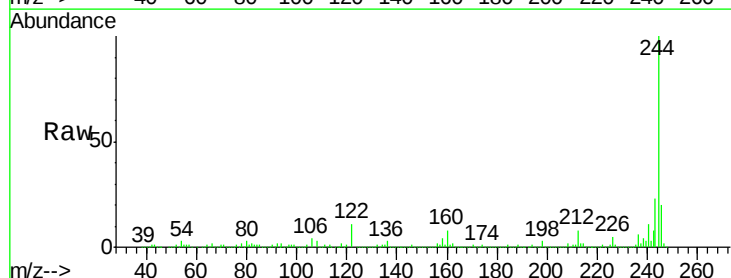
Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:244 Resp: 1681844

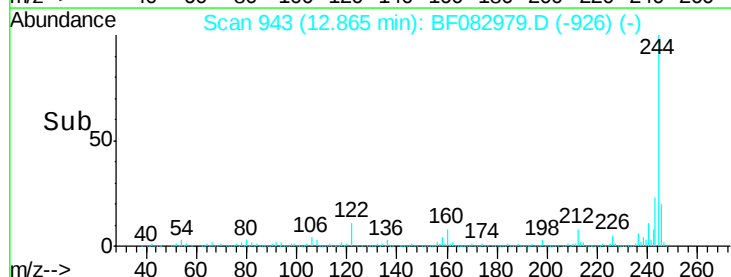
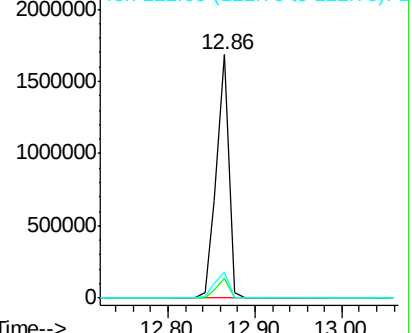
Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	10.9	11.3	16.9#

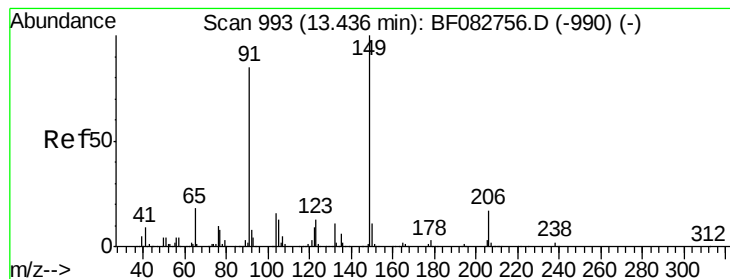


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.42 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampled :

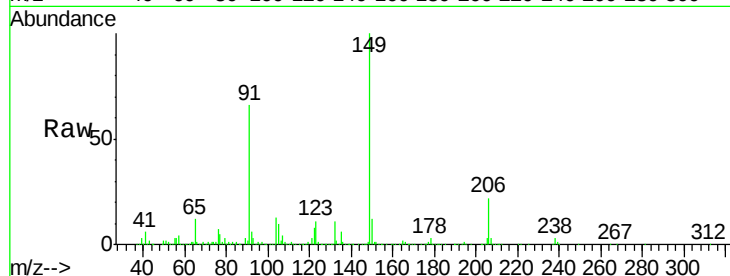
Tot Ion:149 Resp: 735720

Ion Ratio Lower Upper

149 100

91 66.0 67.7 101.5#

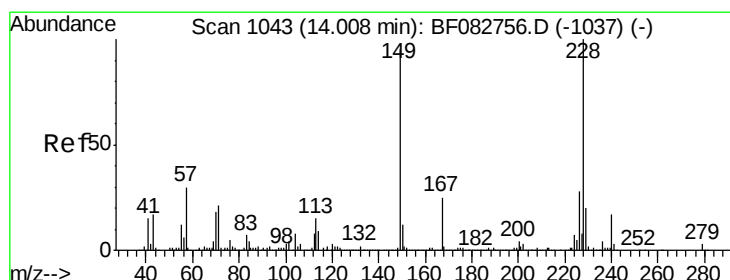
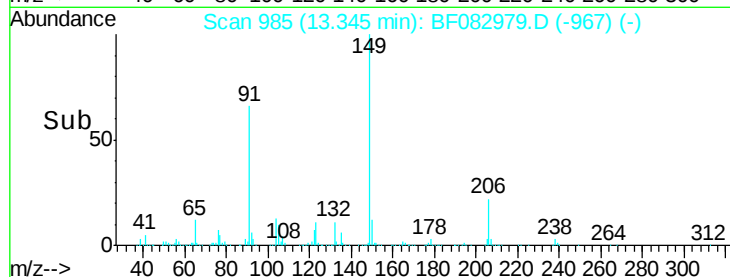
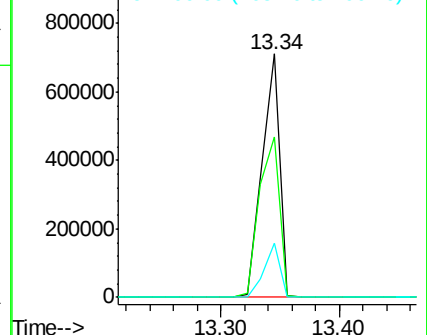
206 22.0 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.05 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

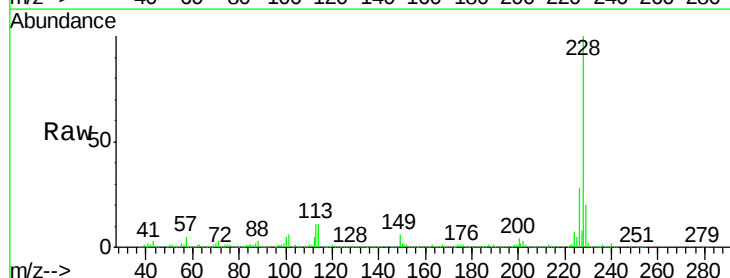
Tgt Ion:228 Resp: 1268790

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

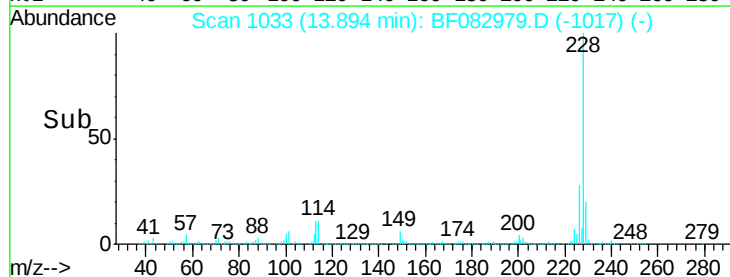
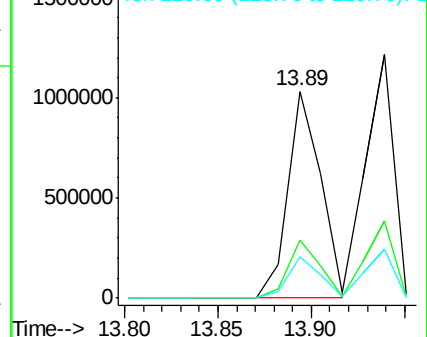
229 20.1 16.3 24.5

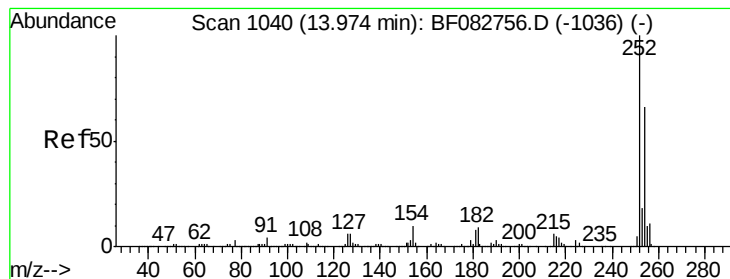


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

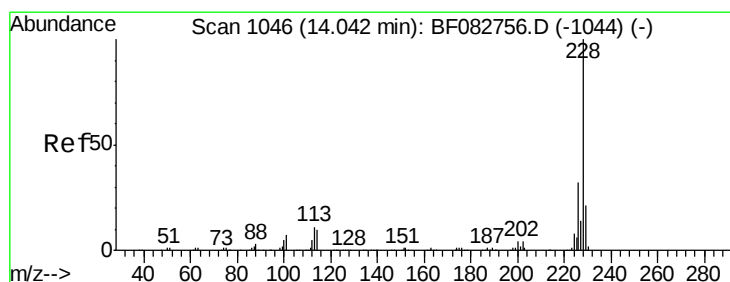
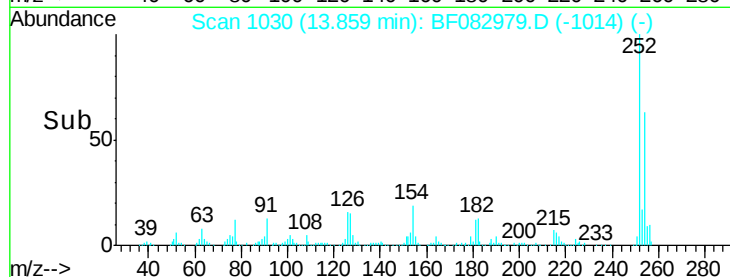
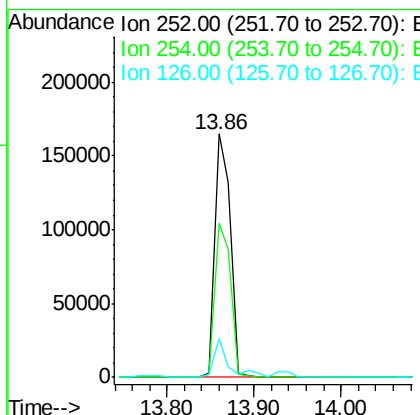
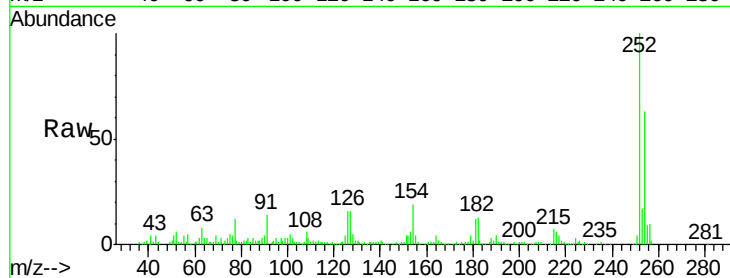




#81
 3,3'-Dichlorobenzidine
 Concen: 22.48 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

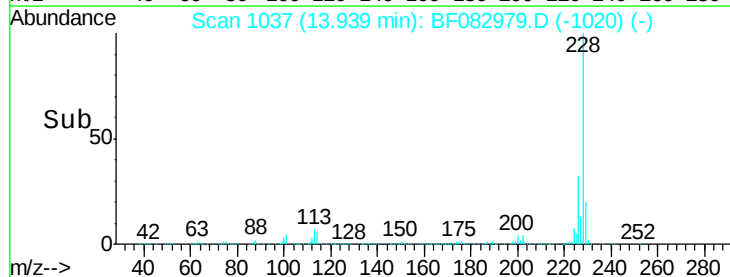
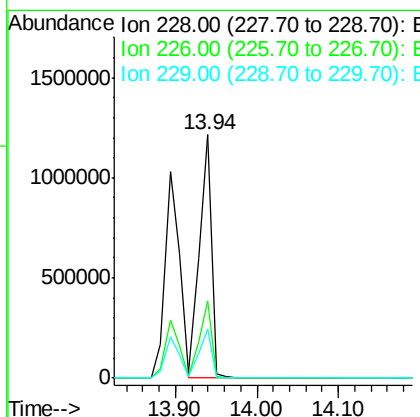
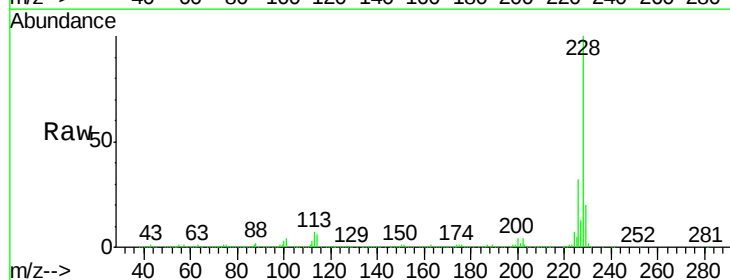
Instrument :
 BNA_F
 ClientSampleId :

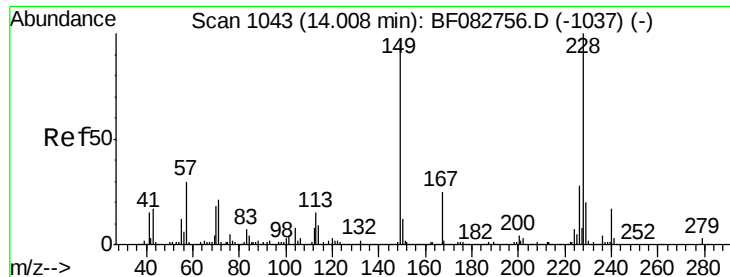
Tot Ion:252 Resp: 211083
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.4 77.0
 126 15.9 10.7 16.1



#82
 Chrysene
 Concen: 52.62 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:228 Resp: 1272664
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.5 38.3
 229 20.4 16.3 24.5

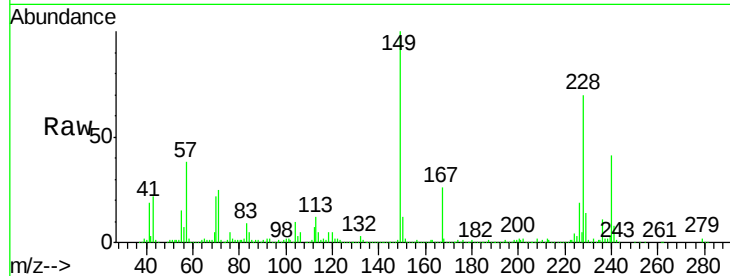




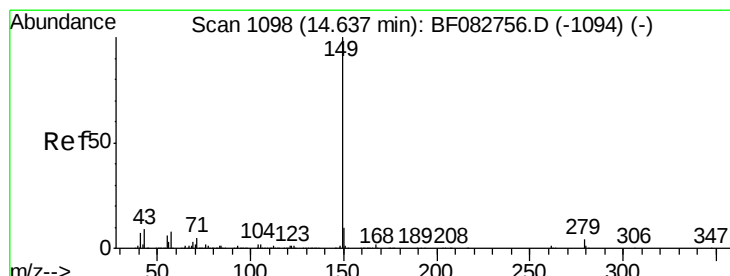
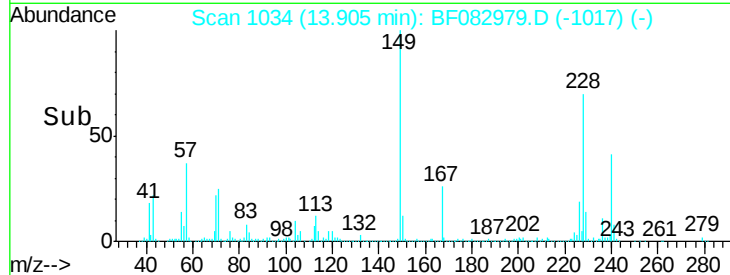
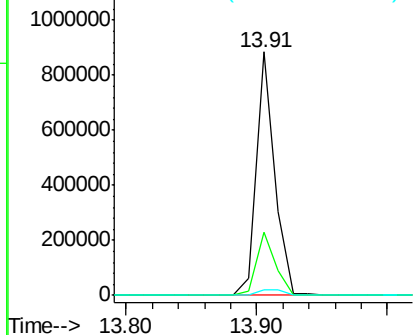
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.41 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 866457
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.2 31.8
 279 2.3 2.2 3.2

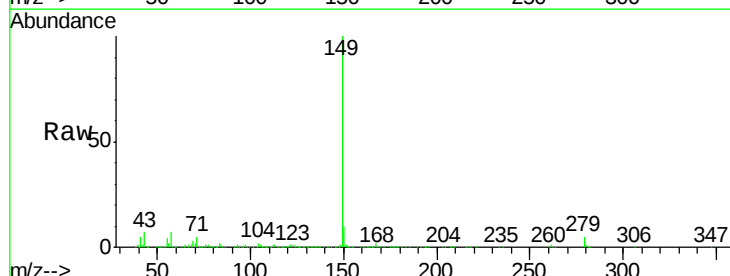


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

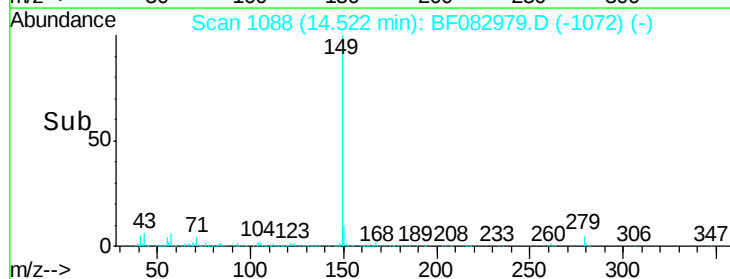
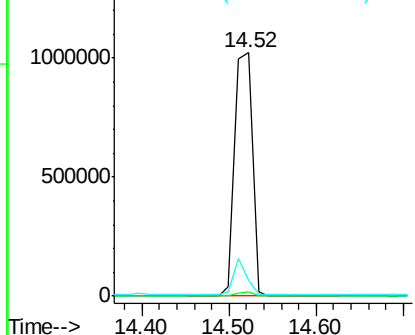


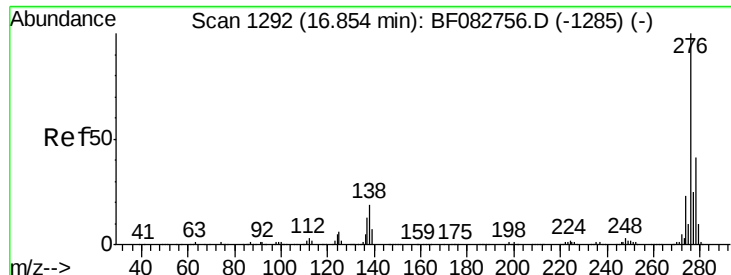
#84
 Di-n-octyl phthalate
 Concen: 48.79 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.11 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:149 Resp: 1427182
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 11.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

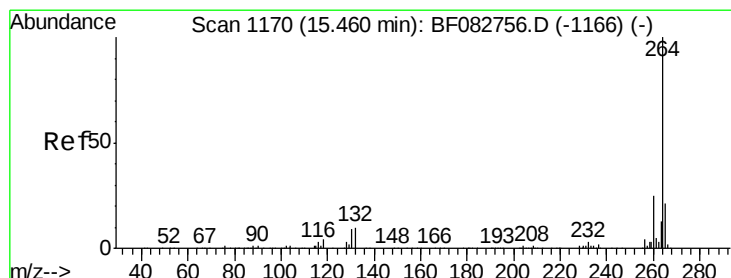
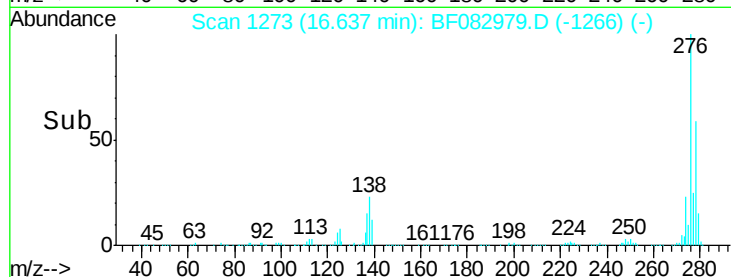
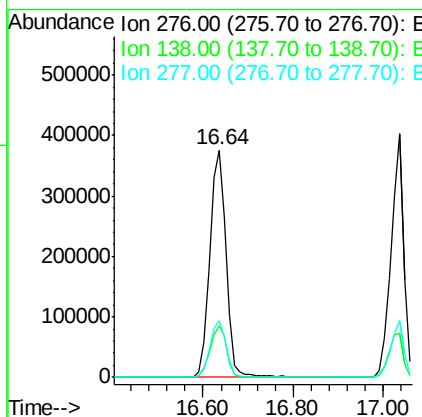
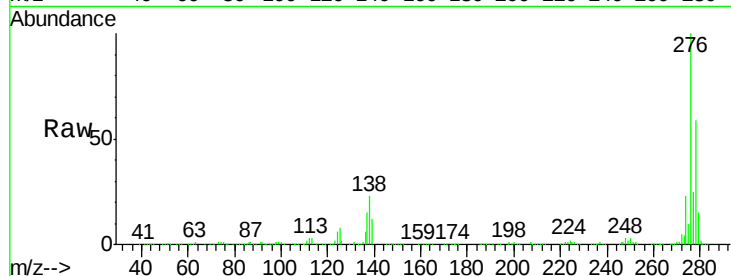




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.46 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.22 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

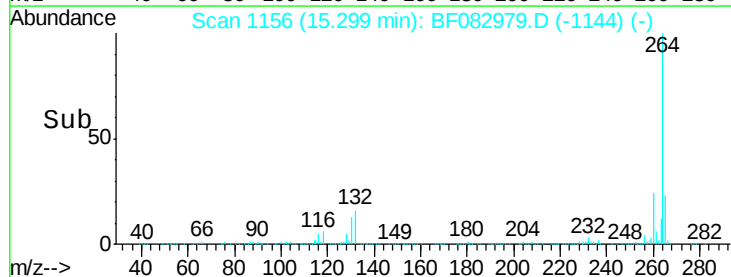
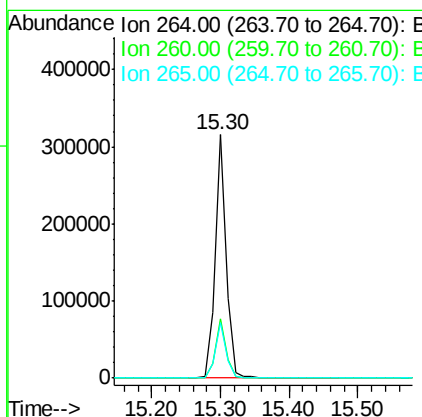
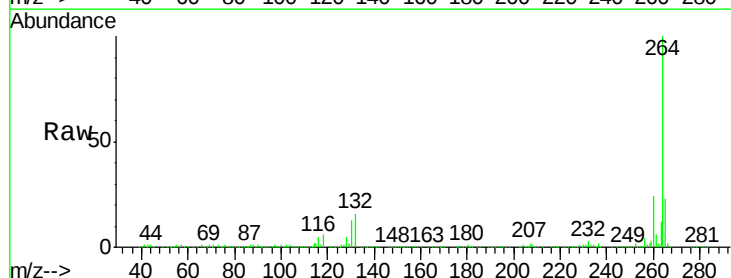
Instrument :
 BNA_F
 ClientSampled :

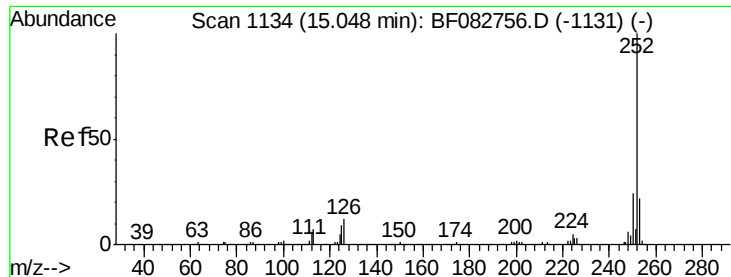
Tot Ion:276 Resp: 947062
 Ion Ratio Lower Upper
 276 100
 138 23.2 15.3 22.9#
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:264 Resp: 359463
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.5 17.4 26.0

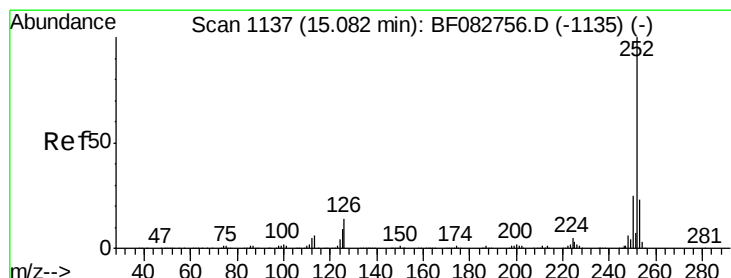
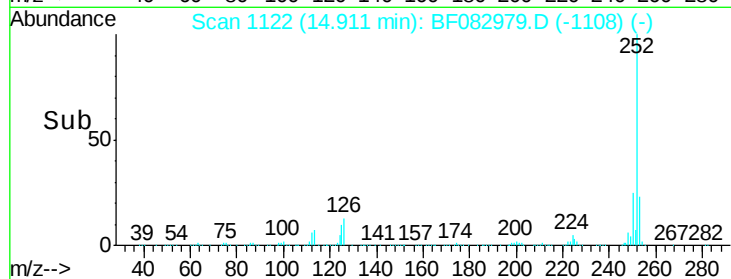
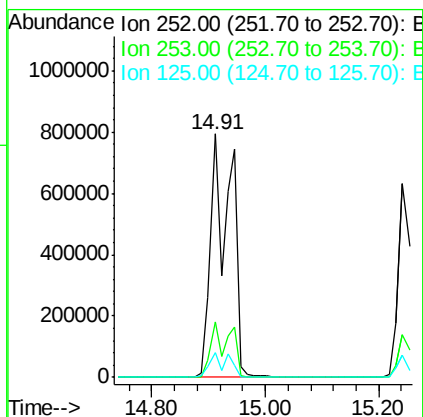
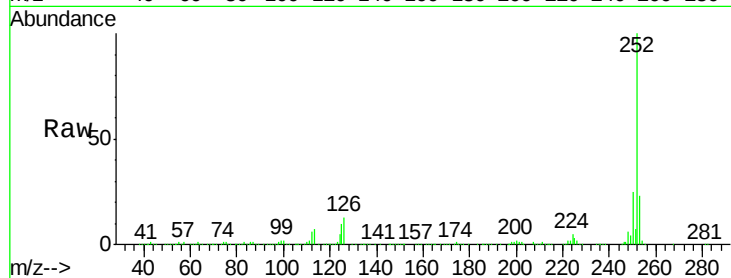




#87
Benzo(b)fluoranthene
Concen: 84.01 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.14 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

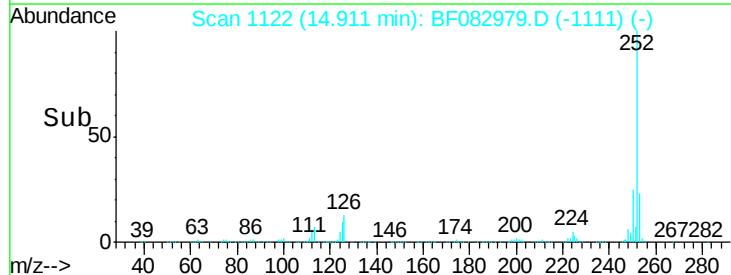
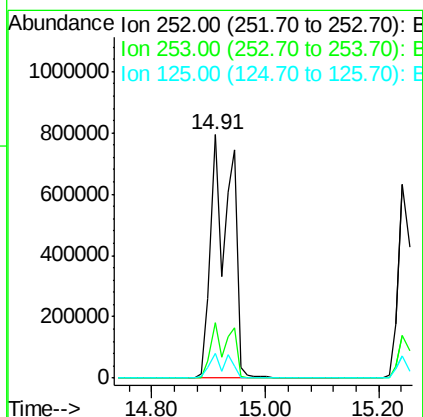
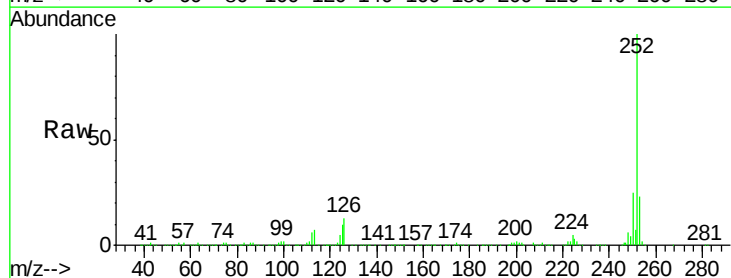
Instrument :
BNA_F
ClientSampled :

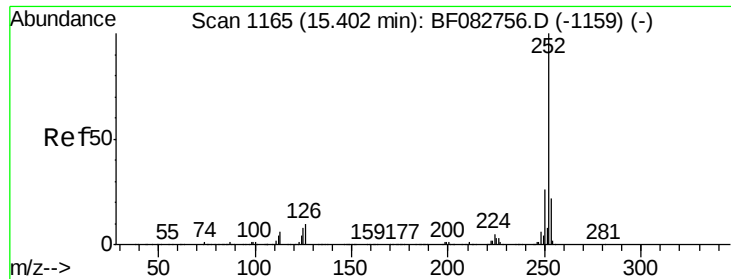
Tot Ion:252 Resp: 1938506
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 94.71 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.17 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:252 Resp: 1938506
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.9 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 44.44 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.16 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

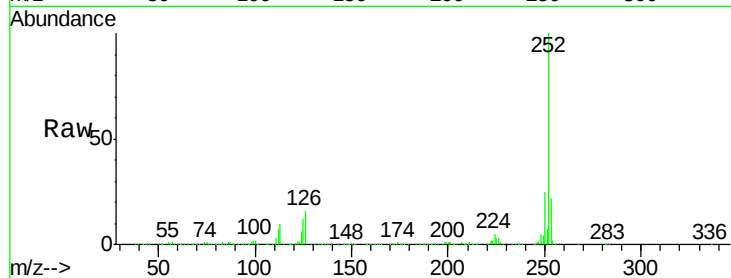
Tot Ion:252 Resp: 888450

Ion Ratio Lower Upper

252 100

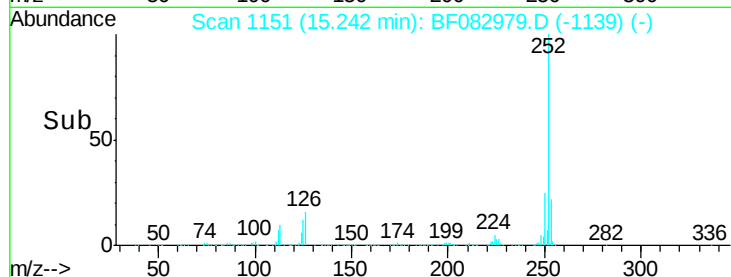
253 21.9 17.3 25.9

125 11.7 7.1 10.7#

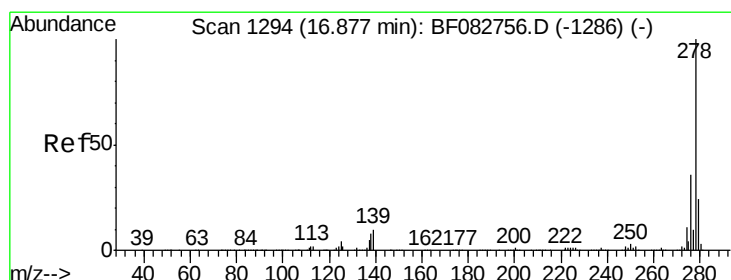


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

15.24



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 47.21 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.23 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

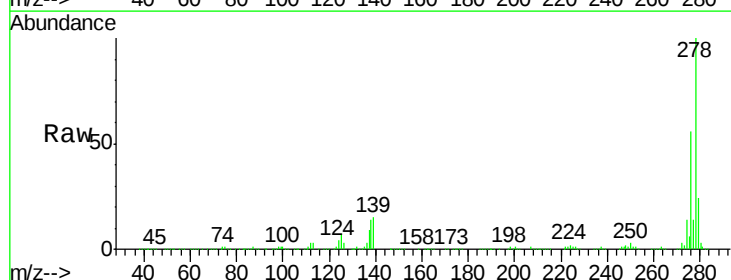
Tgt Ion:278 Resp: 799173

Ion Ratio Lower Upper

278 100

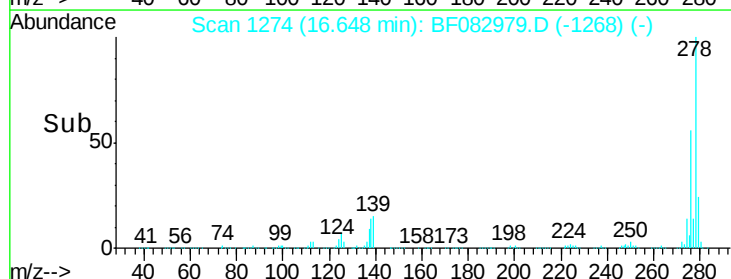
139 14.9 9.9 14.9#

279 24.4 19.6 29.4

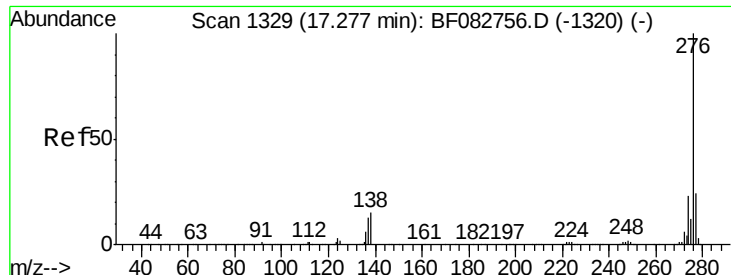


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

16.65



Time-->



#91

Benzo(a,h,i)perylene

Concen: 49.30 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

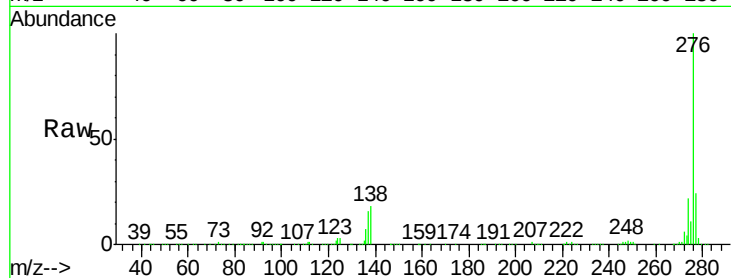
Tot Ion:276 Resp: 799303

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 18.1 13.1 19.7



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

