

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078275.D
 Acq On : 7 Apr 2015 1:17
 Operator : TP/IZ
 Sample : G1600-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Quant Time: Apr 07 03:32:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	93104	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	331673	20.00	ng	0.00
38) Acenaphthene-d10	10.73	164	116215	20.00	ng	0.01
63) Phenanthrene-d10	12.57	188	321059	20.00	ng	0.02
75) Chrysene-d12	15.81	240	391134	20.00	ng	0.00
86) Perylene-d12	17.49	264	387899	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	115543	20.46	ng	0.01
7) Phenol-d6	6.58	99	157799	22.30	ng	0.00
23) Nitrobenzene-d5	7.68	82	128059	23.40	ng	0.00
41) 2,4,6-Tribromophenol	11.71	330	21592	22.40	ng	0.01
44) 2-Fluorobiphenyl	9.90	172	206680	25.42	ng	0.00
78) Terphenyl-d14	14.55	244	247002	14.27	ng	0.00

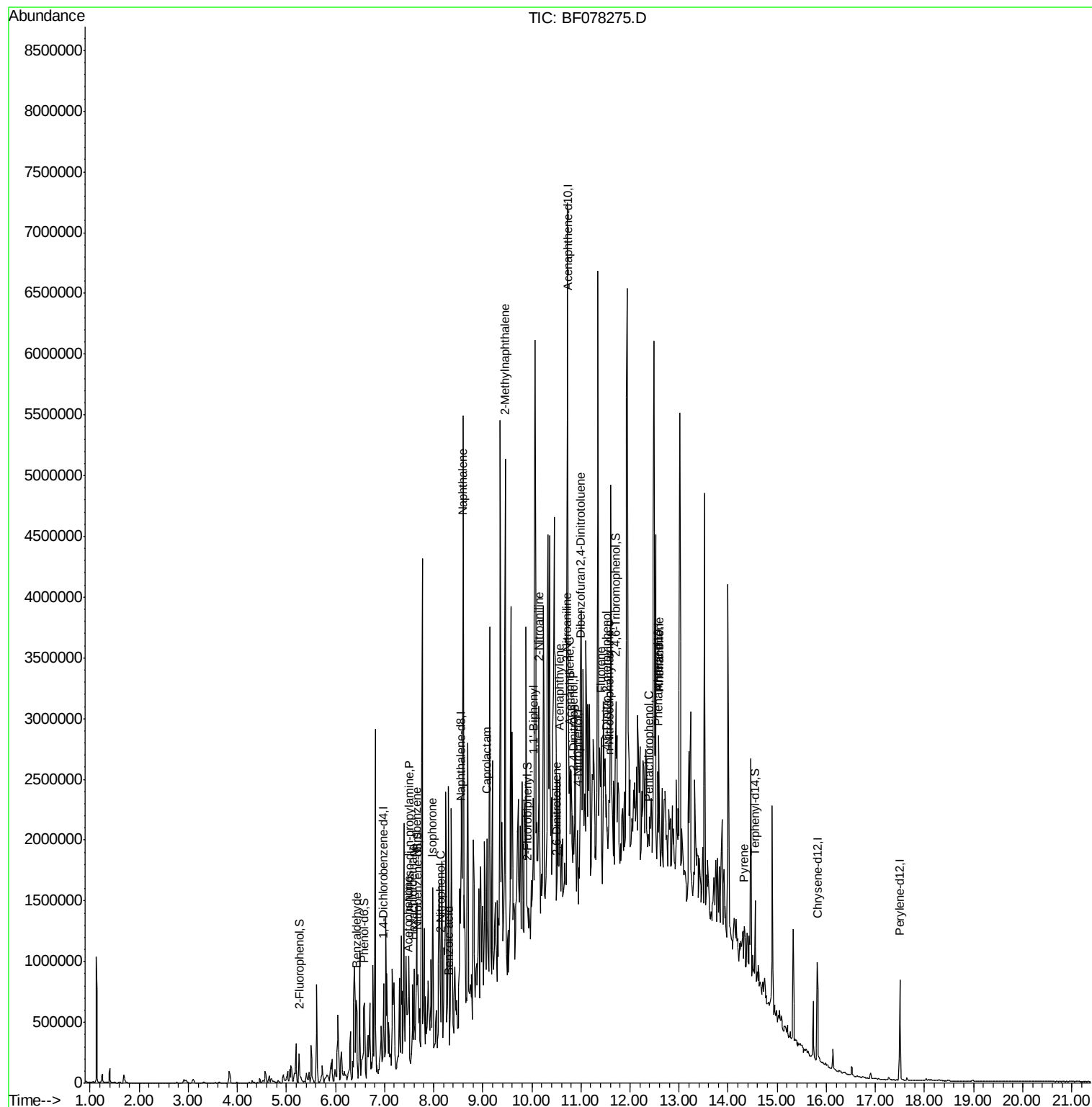
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	14791	3.15	ng	# 1
18) Hexachloroethane	7.57	117	22251	8.94	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	18731	4.01	ng	# 38
22) Acetophenone	7.48	105	247834	32.07	ng	# 62
24) Nitrobenzene	7.65	77	50352	8.80	ng	# 16
25) Isophorone	7.97	82	37906	3.65	ng	# 1
26) 2-Nitrophenol	8.13	139	5654	2.07	ng	# 1
31) Naphthalene	8.59	128	720997	41.77	ng	96
32) Benzoic acid	8.32	122	7434	8.54	ng	# 1
35) Caprolactam	9.08	113	11305	8.21	ng	# 1
37) 2-Methylnaphthalene	9.46	142	1399600	119.42	ng	# 95
45) 1,1'-Biphenyl	10.03	154	315316	33.17	ng	98
47) 2-Nitroaniline	10.14	65	10867	5.87	ng	# 58
48) Acenaphthylene	10.57	152	38104	3.15	ng	# 1
50) 2,6-Dinitrotoluene	10.50	165	8477	4.72	ng	# 86
51) Acenaphthene	10.77	154	51847	7.62	ng	# 85
52) 3-Nitroaniline	10.70	138	4389	2.15	ng	# 37
53) 2,4-Dinitrophenol	10.84	184	701	9.08	ng	# 1
54) Dibenzofuran	10.99	168	88710	8.54	ng	# 49
55) 4-Nitrophenol	10.93	139	9606	8.93	ng	# 9
56) 2,4-Dinitrotoluene	11.00	165	36848	15.84	ng	# 57
57) Fluorene	11.41	166	155729	18.50	ng	# 82
64) 4,6-Dinitro-2-methylphenol	11.52	198	1948	9.57	ng	# 1
65) n-Nitrosodiphenylamine	11.57	169	229627	20.68	ng	# 68
69) Pentachlorophenol	12.39	266	745	8.17	ng	# 30
70) Phenanthrene	12.59	178	564274	30.38	ng	97
71) Anthracene	12.59	178	504162	27.55	ng	96
77) Pyrene	14.33	202	123786	5.04	ng	# 86

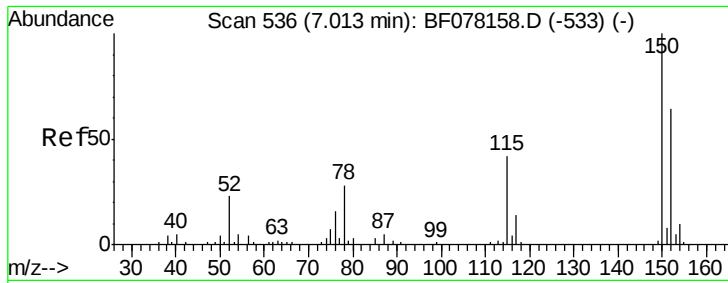
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078275.D
Acq On : 7 Apr 2015 1:17
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

Quant Time: Apr 07 03:32:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:11:17 2015
Response via : Initial Calibration

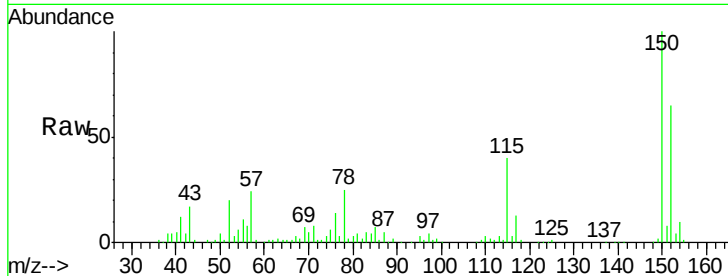




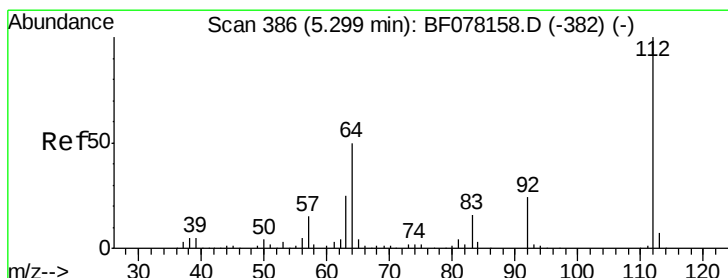
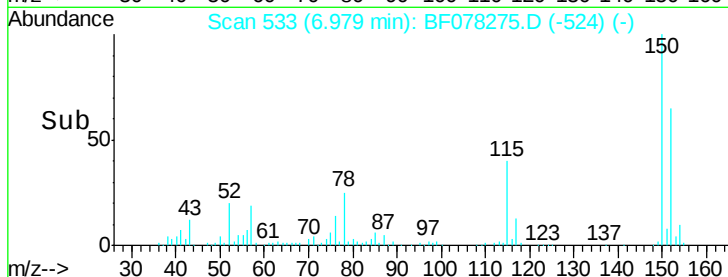
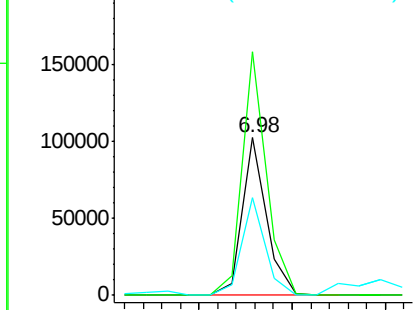
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF078275.D
 Acq: 7 Apr 2015 1:17

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Tgt Ion:152 Resp: 93104
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.9 188.9
 115 61.8 52.7 79.1

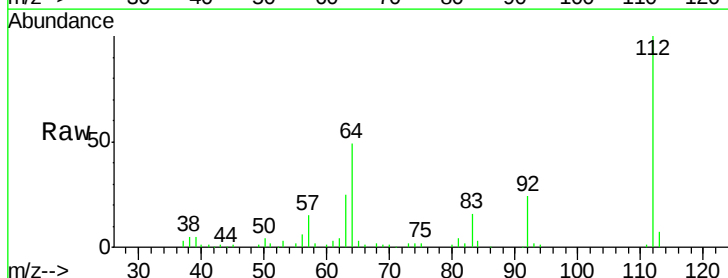


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

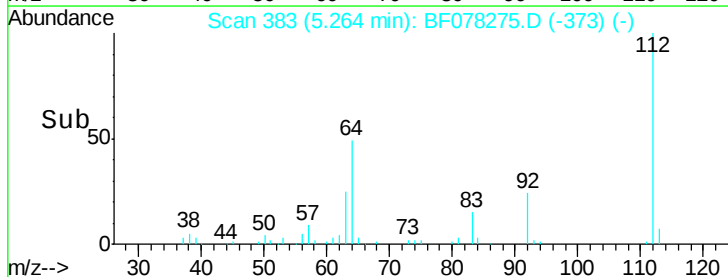
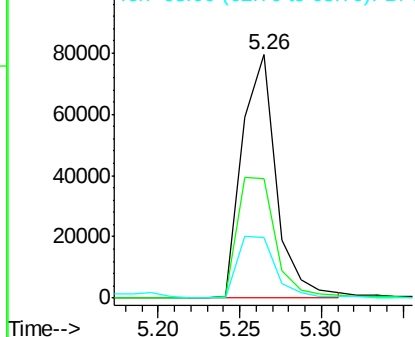


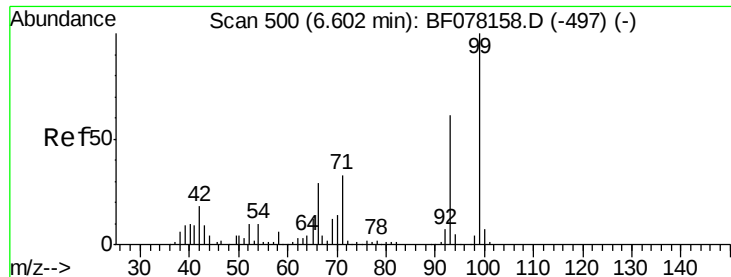
#5
 2-Fluorophenol
 Concen: 20.46 ng
 RT: 5.26 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: BF078275.D
 Acq: 7 Apr 2015 1:17

Tgt Ion:112 Resp: 115543
 Ion Ratio Lower Upper
 112 100
 64 48.8 39.9 59.9
 63 24.7 20.2 30.4



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





#7

Phenol-d6

Concen: 22.30 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078275.D

Acq: 7 Apr 2015 1:17

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)

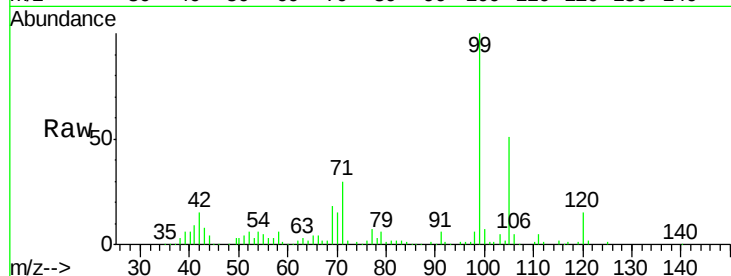
Tgt Ion: 99 Resp: 157799

Ion Ratio Lower Upper

99 100

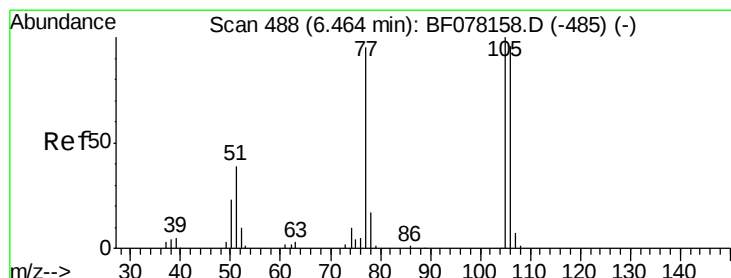
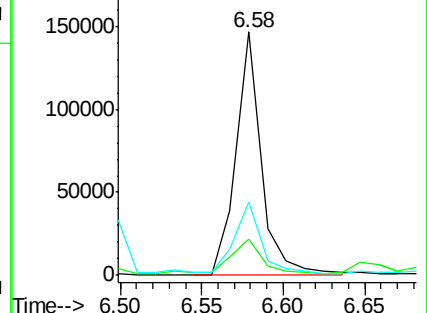
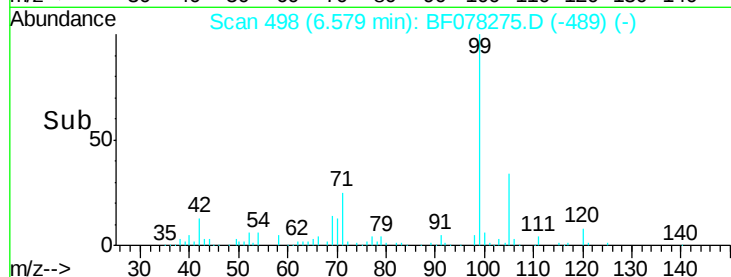
42 14.7 14.8 22.2#

71 30.2 26.6 39.8



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

6.58



#9

Benzaldehyde

Concen: 3.15 ng

RT: 6.43 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF078275.D

Acq: 7 Apr 2015 1:17

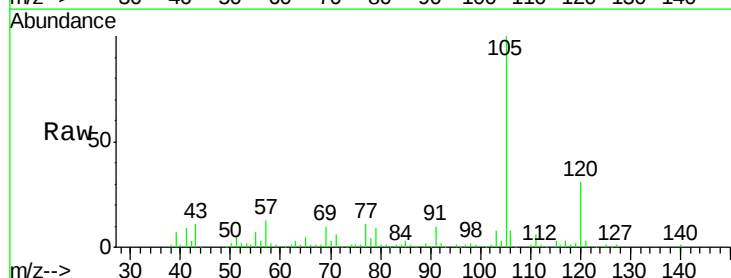
Tgt Ion: 77 Resp: 14791

Ion Ratio Lower Upper

77 100

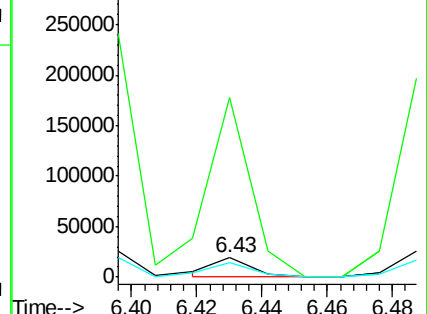
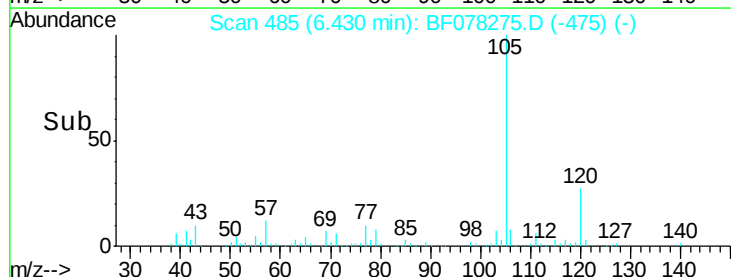
105 925.1 85.4 125.4#

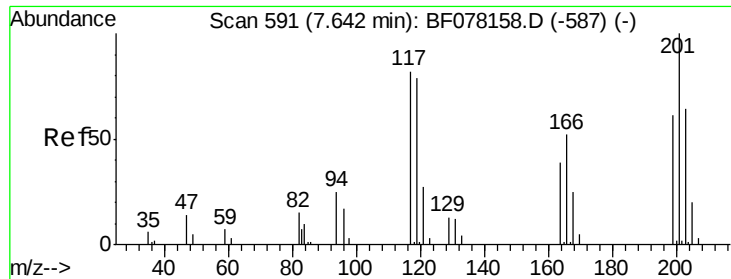
106 76.1 80.8 120.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

6.43

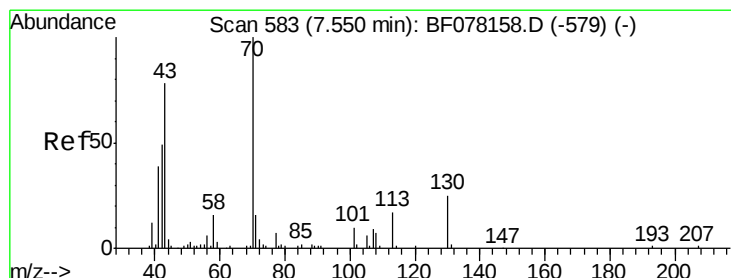
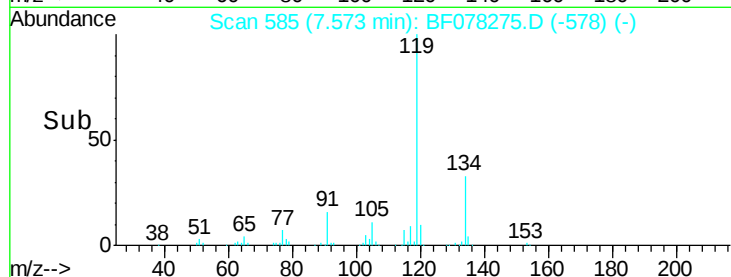
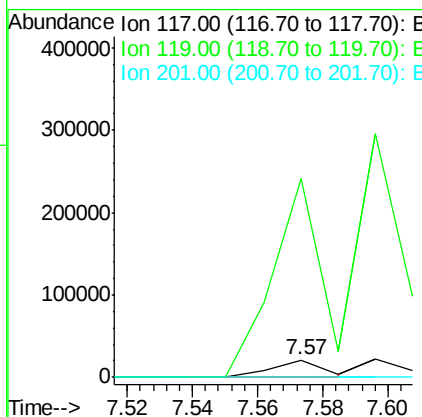
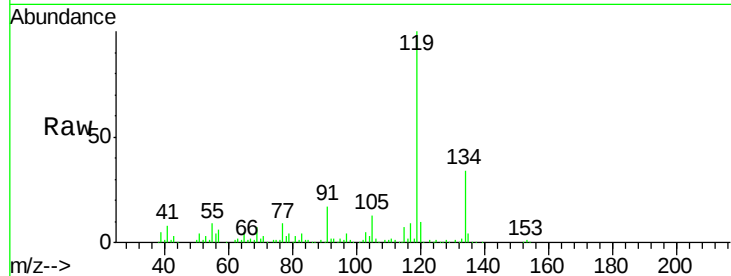




#18
Hexachloroethane
Concen: 8.94 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.02 min
Lab File: BF078275.D
Acq: 7 Apr 2015 1:17

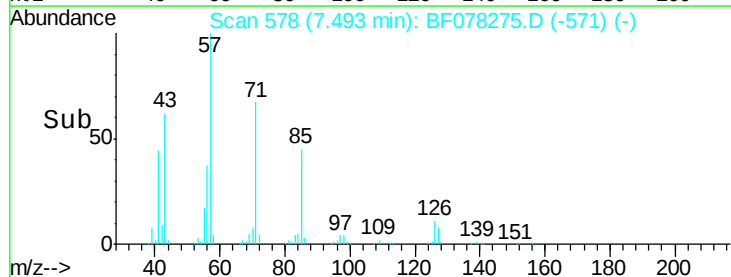
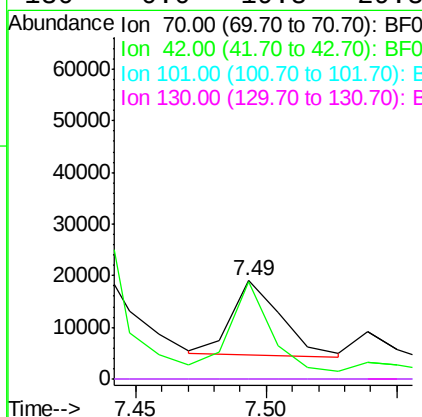
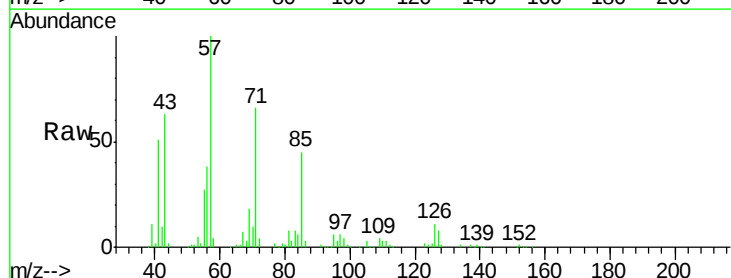
Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

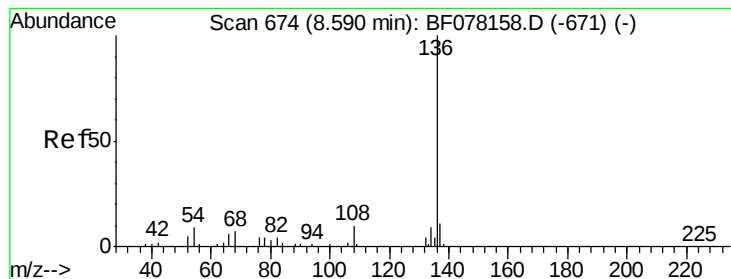
Tgt Ion: 117 Resp: 22251
Ion Ratio Lower Upper
117 100
119 1136.0 77.0 115.6#
201 0.0 98.1 147.1#



#19
n-Nitroso-di-n-propylamine
Concen: 4.01 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF078275.D
Acq: 7 Apr 2015 1:17

Tgt Ion: 70 Resp: 18731
Ion Ratio Lower Upper
70 100
42 99.4 38.9 58.3#
101 0.0 8.3 12.5#
130 0.0 19.8 29.8#

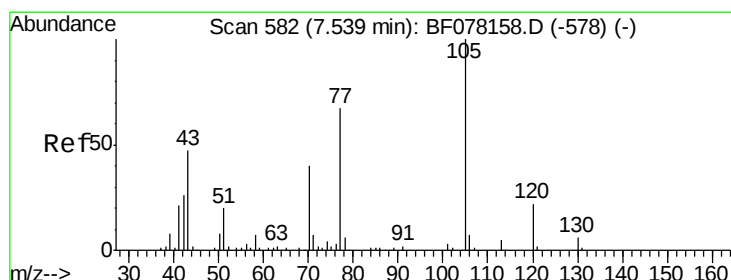
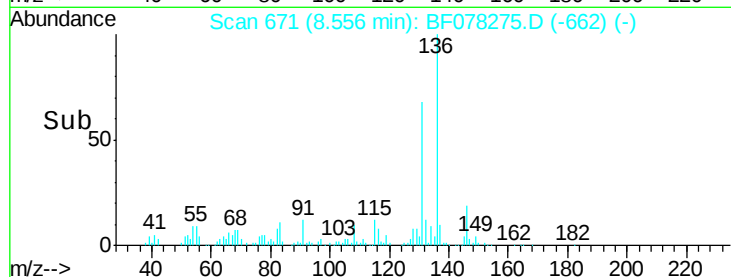
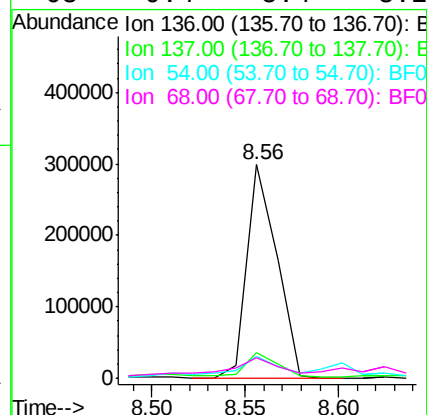
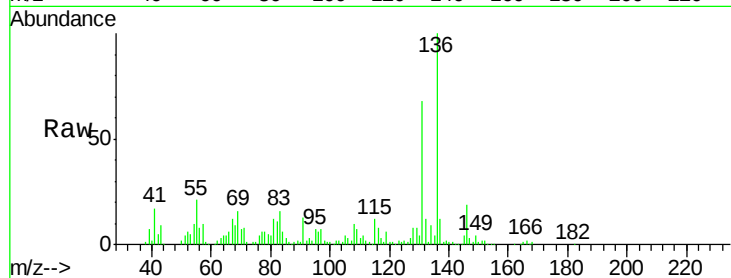




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078275.D
Acq: 7 Apr 2015 1:17

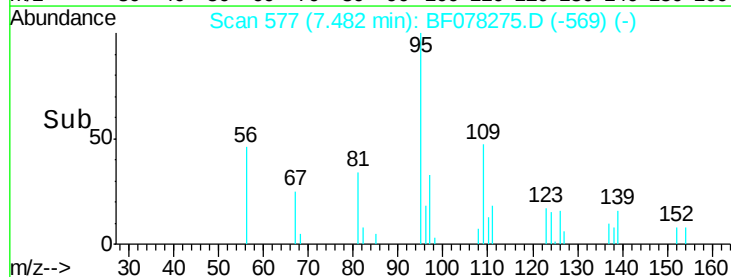
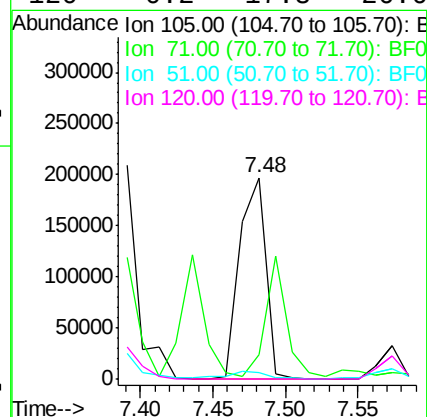
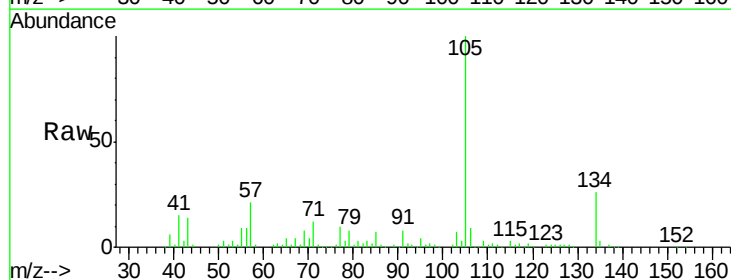
Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

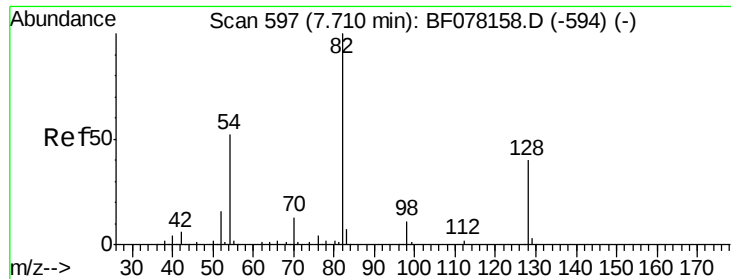
Tgt Ion:	136	Resp:	331673
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.4	7.0	10.6
68	9.4	5.4	8.2#



#22
Acetophenone
Concen: 32.07 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF078275.D
Acq: 7 Apr 2015 1:17

Tgt Ion:	105	Resp:	247834
Ion	Ratio	Lower	Upper
105	100		
71	11.9	5.5	8.3#
51	3.0	16.0	24.0#
120	0.2	17.8	26.6#

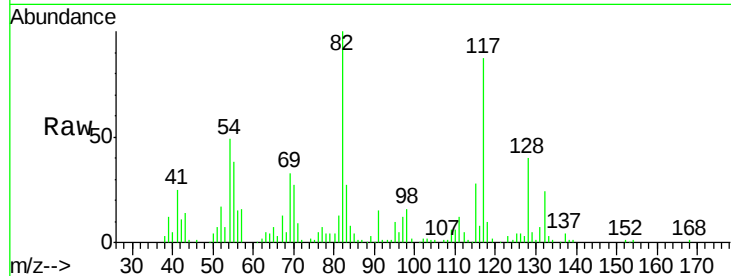




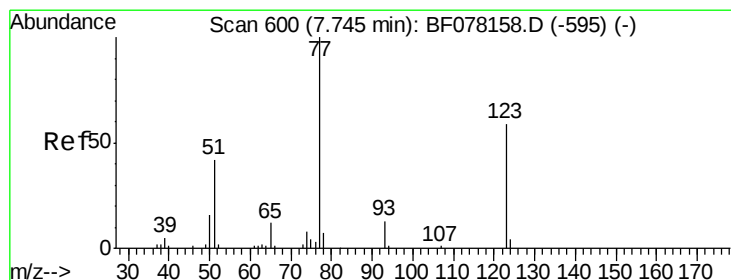
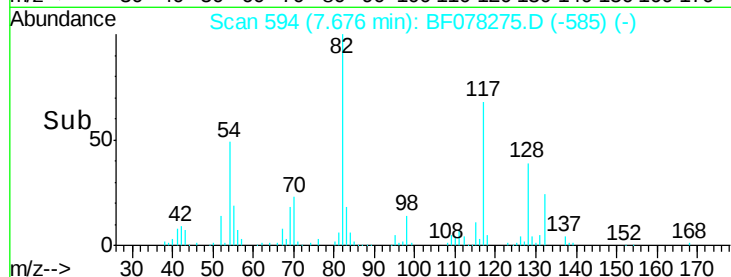
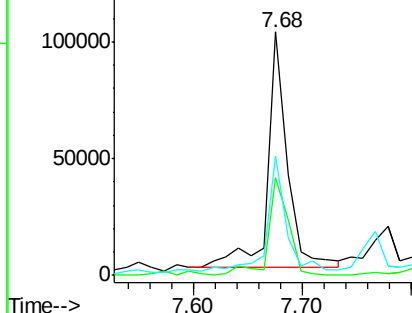
#23
 Nitrobenzene-d5
 Concen: 23.40 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078275.D
 Acq: 7 Apr 2015 1:17

Instrument :
 BNA_F
 ClientSampled :
 S-A-3(J)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.8
54	49.1	41.5	62.3

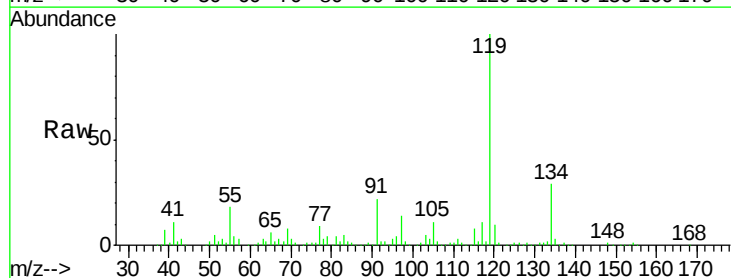


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#24
 Nitrobenzene
 Concen: 8.80 ng
 RT: 7.65 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF078275.D
 Acq: 7 Apr 2015 1:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	3.6	46.9	70.3#
65	63.2	9.5	14.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

