

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
 Data File : BF114025.D
 Acq On : 29 Apr 2019 16:25
 Operator : JU/SJ
 Sample : K2576-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 01:21:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

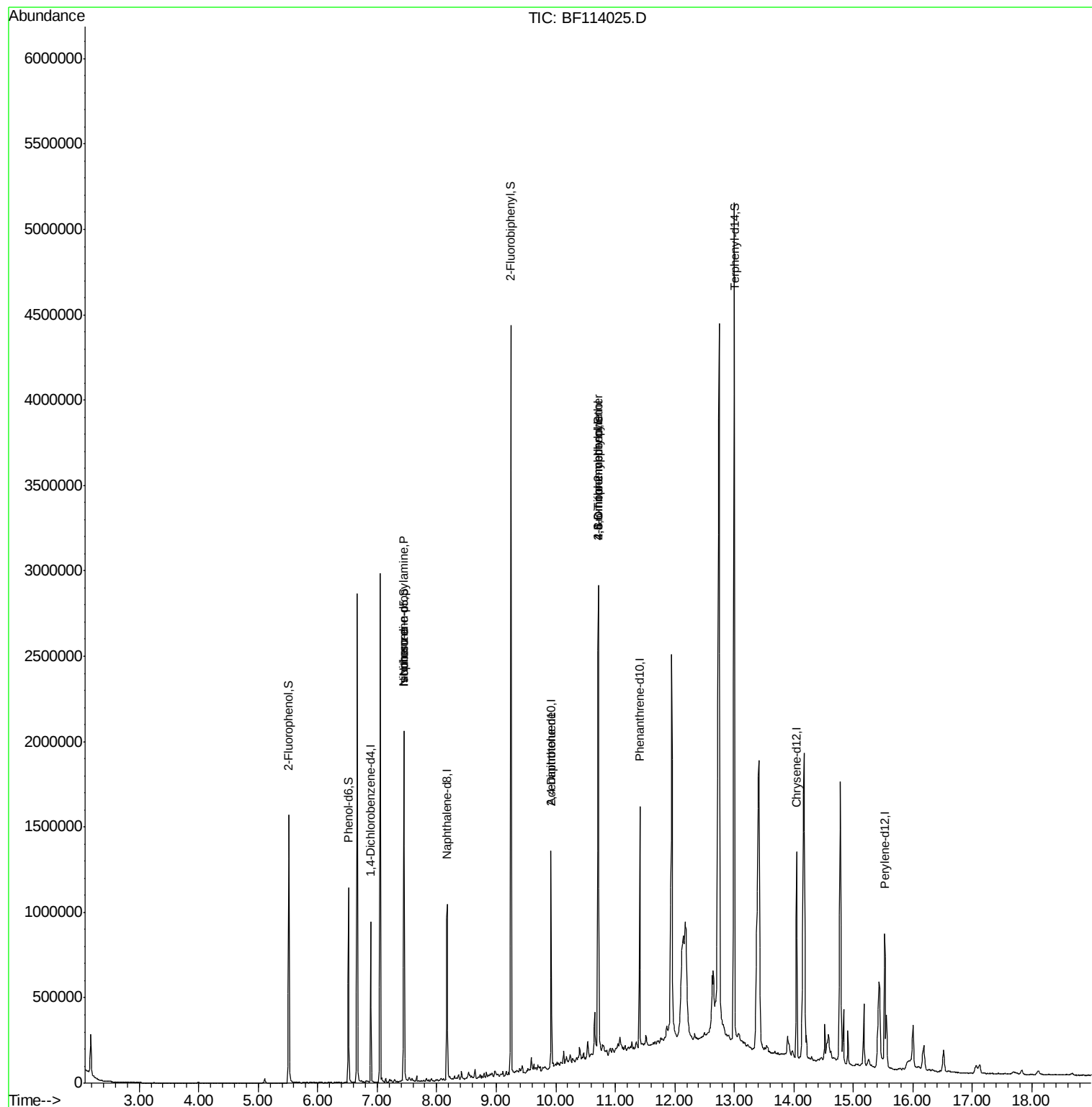
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	130888	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	491044	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262586	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	522129	20.00	ng	0.00
76) Chrysene-d12	14.04	240	401702	20.00	ng	-0.02
87) Perylene-d12	15.53	264	371355	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	477758	62.43	ng	0.00
7) Phenol-d6	6.52	99	414750	43.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	748979	94.18	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	421042	131.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1435910	85.53	ng	-0.01
79) Terphenyl-d14	13.00	244	1869885	95.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	606	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.45	70	99736	16.041 ng	#	3
25) Isophorone	7.45	82	745884	45.836 ng	#	78
57) 2,4-Dinitrotoluene	9.92	165	35290	6.862 ng	#	65
65) 4,6-Dinitro-2-methylphenol	10.72	198	933	7.639 ng	#	31
67) 4-Bromophenyl-phenylether	10.72	248	26387	4.183 ng	#	1

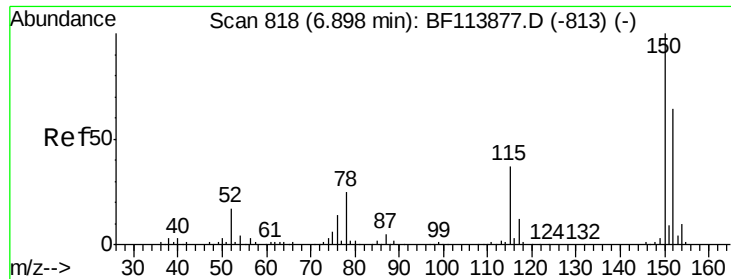
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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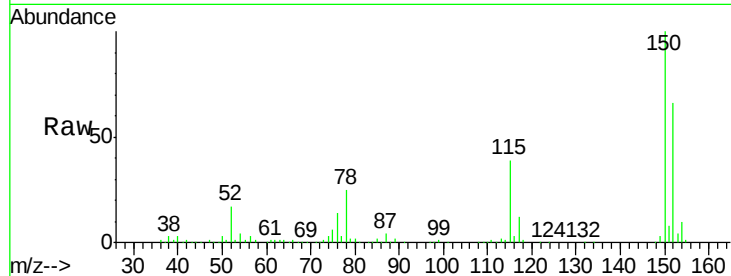


#1

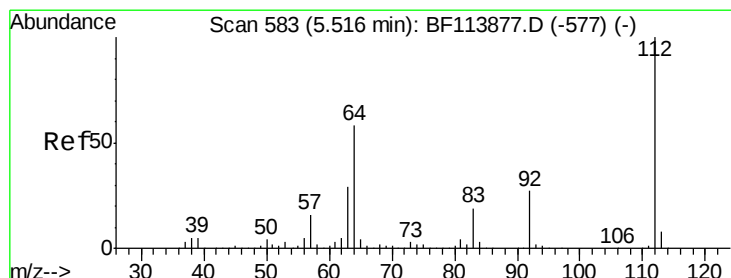
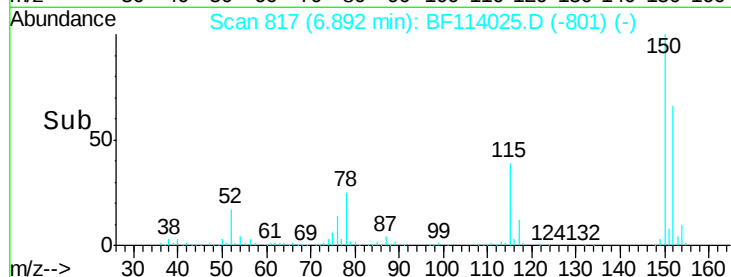
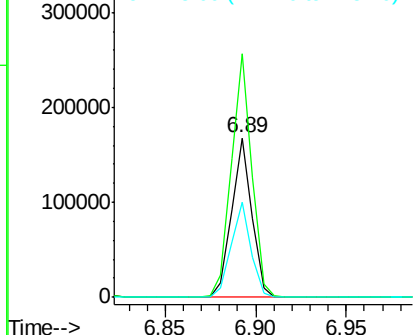
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114025.D
Acq: 29 Apr 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.9	188.9
115	59.7	45.9	68.9



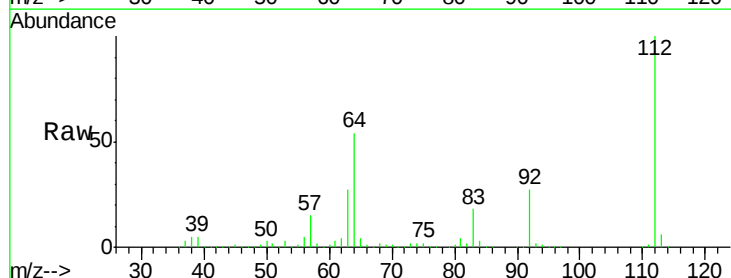
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



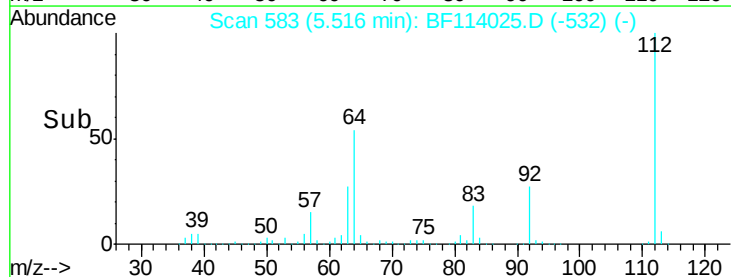
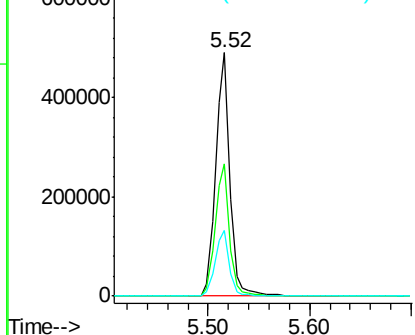
#5

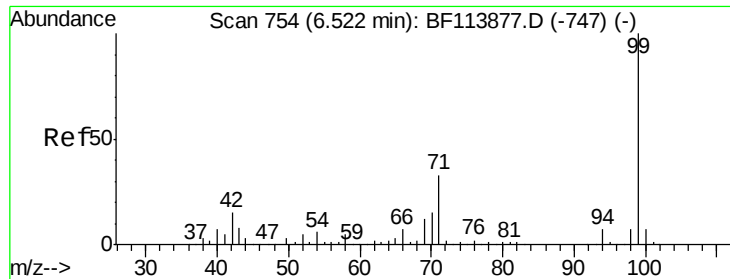
2-Fluorophenol
Concen: 62.430 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114025.D
Acq: 29 Apr 2019 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.6	69.8
63	26.8	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 43.198 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

Instrument :

BNA_F

ClientSampled :

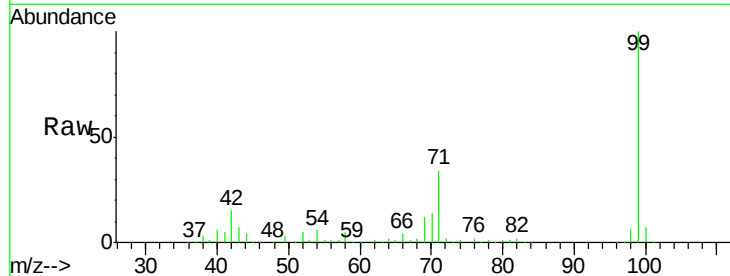
Tot Ion: 99 Resp: 414750

Ion Ratio Lower Upper

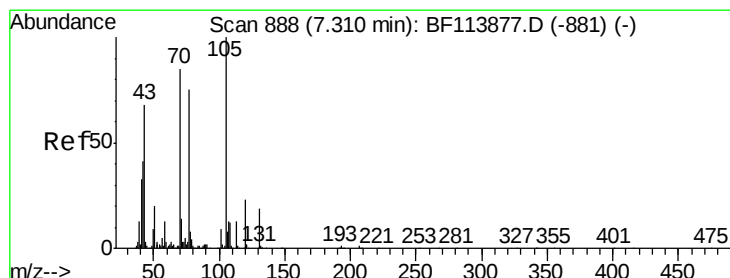
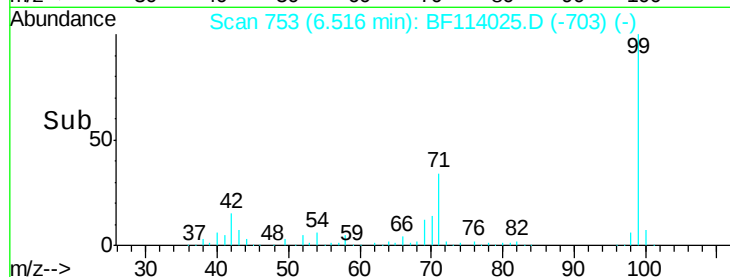
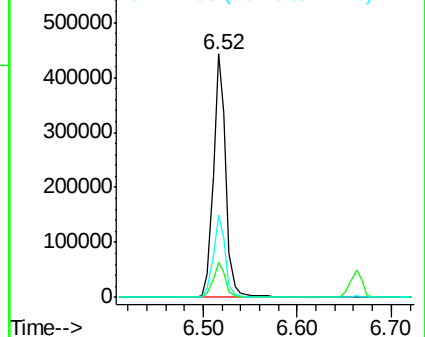
99 100

42 14.6 12.5 18.7

71 33.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.041 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

Tgt Ion: 70 Resp: 99736

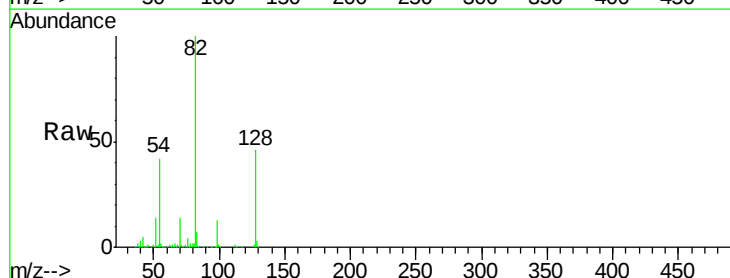
Ion Ratio Lower Upper

70 100

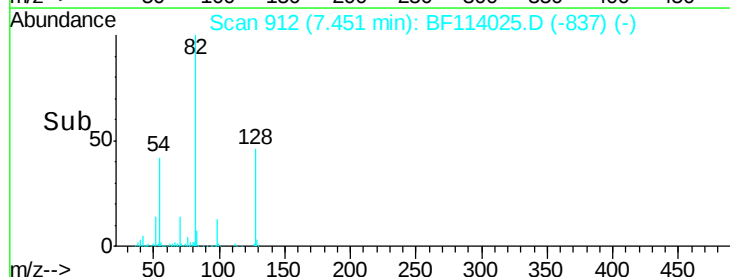
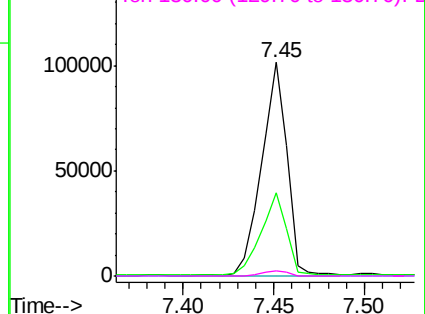
42 38.8 37.3 55.9

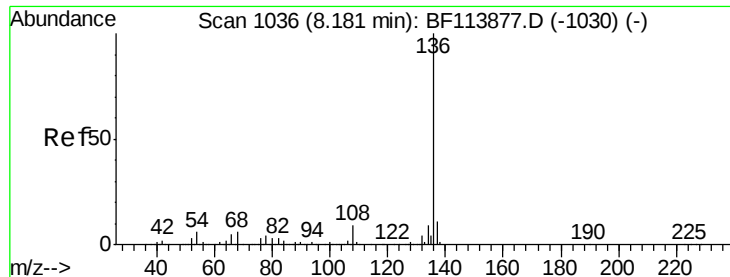
101 0.0 7.8 11.8#

130 2.1 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

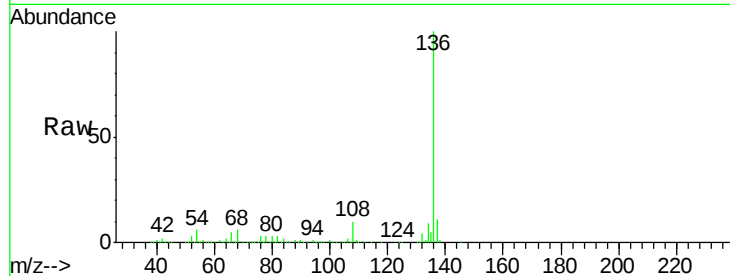




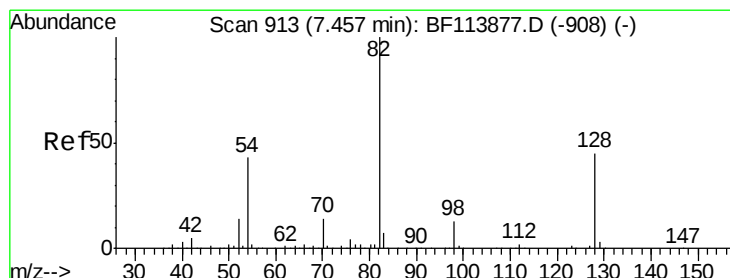
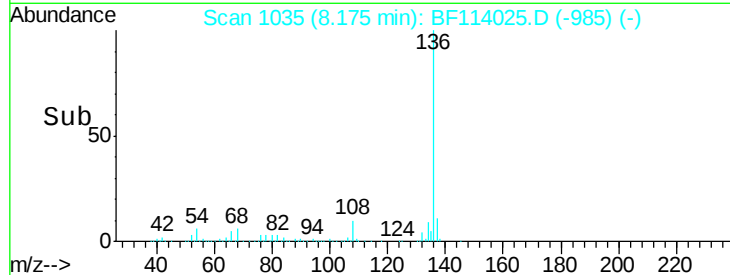
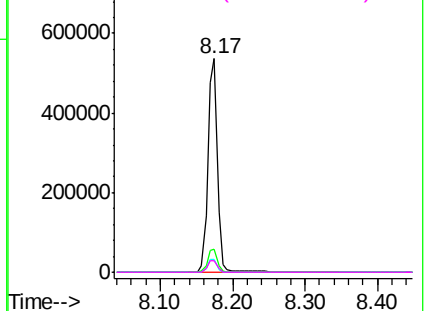
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114025.D
Acq: 29 Apr 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	491044
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 12.8
54	6.0	5.0 7.6
68	5.7	4.9 7.3

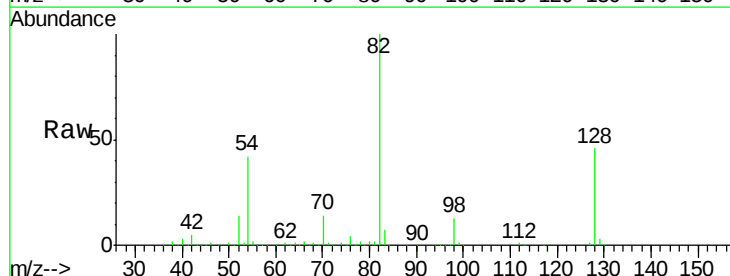


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

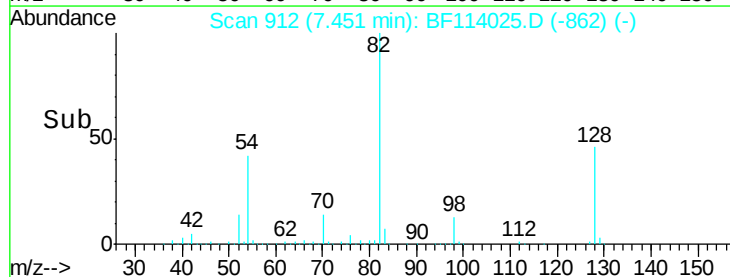
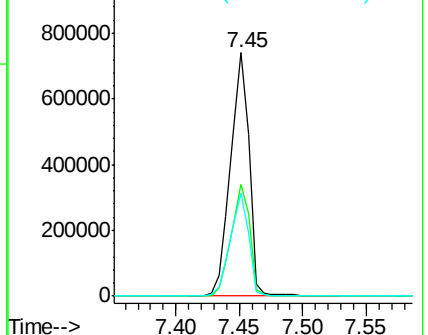


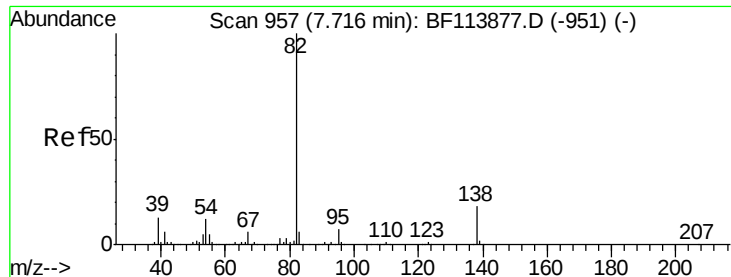
#23
Nitrobenzene-d5
Concen: 94.177 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114025.D
Acq: 29 Apr 2019 16:25

Tgt Ion: 82	Resp:	748979
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.8 55.2
54	42.4	33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.836 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

Instrument :

BNA_F

ClientSampleId :

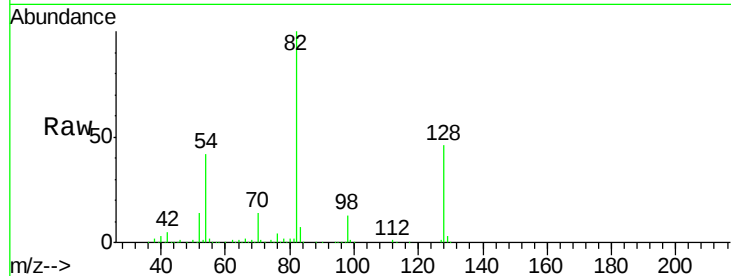
Tot Ion: 82 Resp: 745884

Ion Ratio Lower Upper

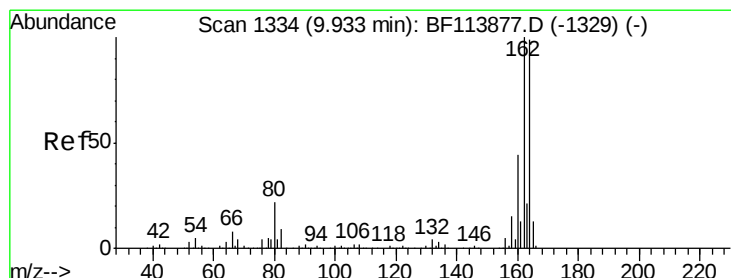
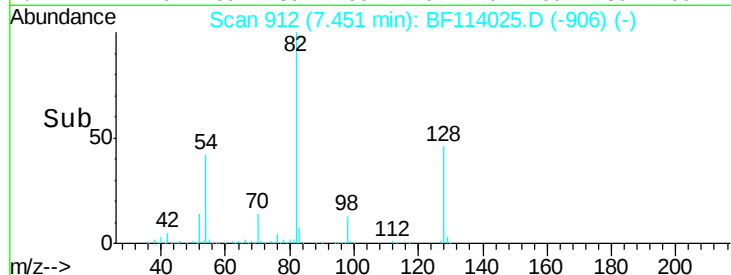
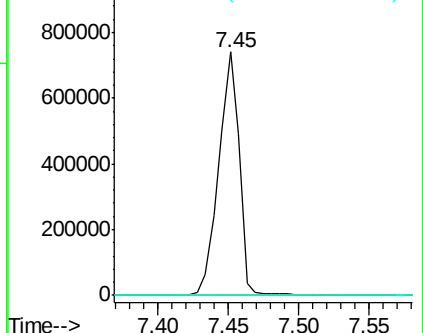
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

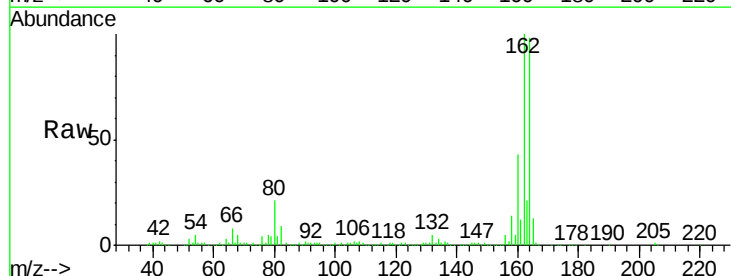
Tgt Ion: 164 Resp: 262586

Ion Ratio Lower Upper

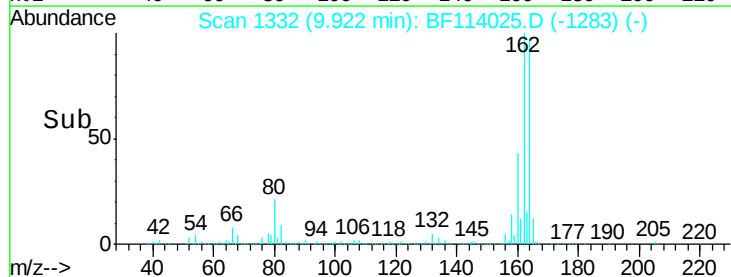
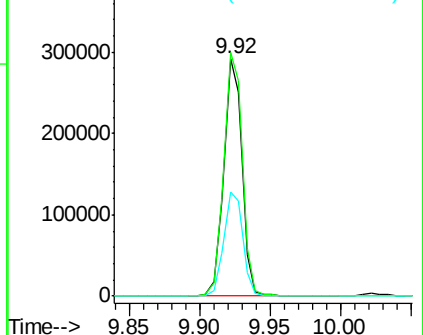
164 100

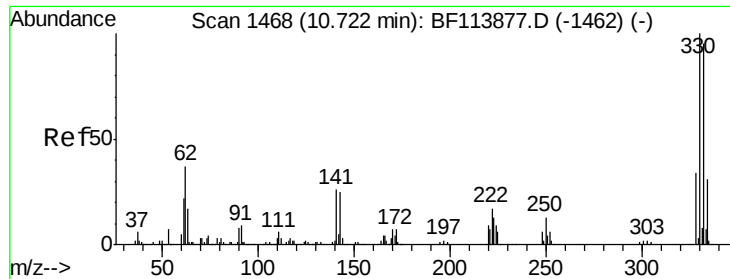
162 102.5 81.1 121.7

160 43.8 35.8 53.6



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

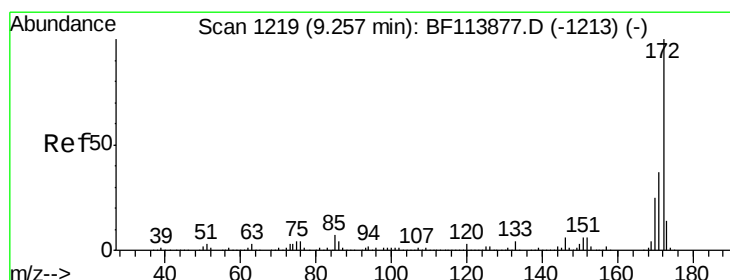
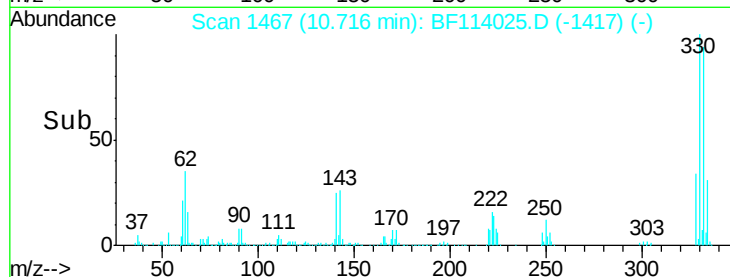
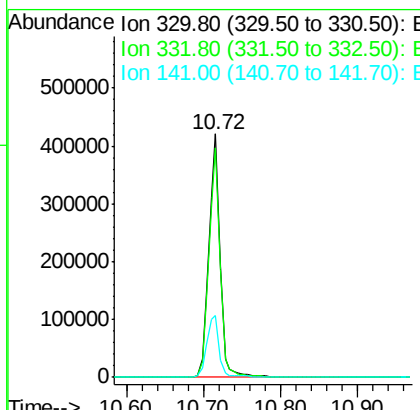
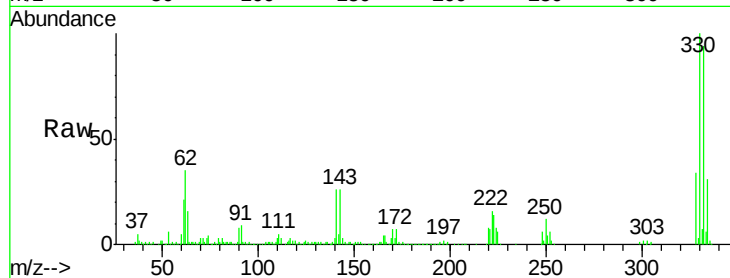




#42
 2,4,6-Tribromophenol
 Concen: 131.624 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

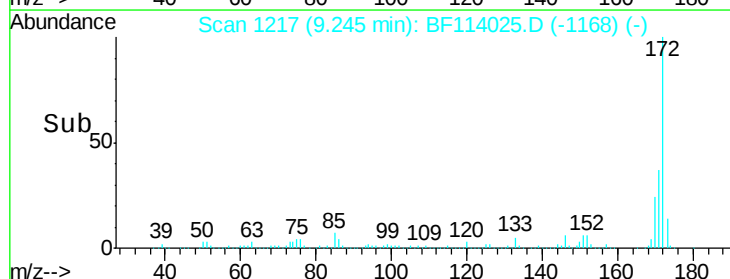
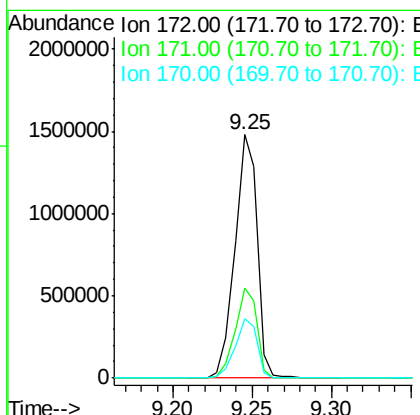
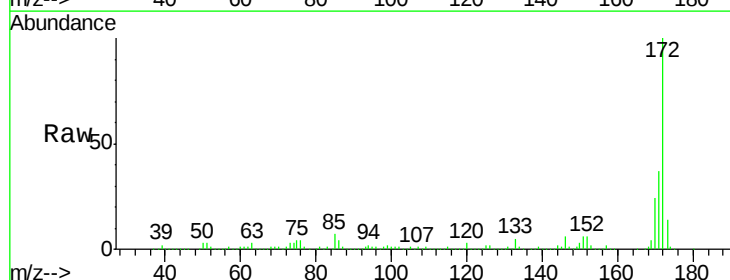
Instrument :
 BNA_F
 ClientSampled :

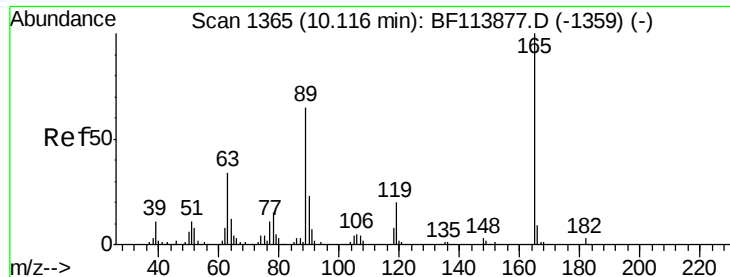
Tot Ion:330 Resp: 421042
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.5 116.3
 141 27.7 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 85.526 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Tgt Ion:172 Resp: 1435910
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.2 19.9 29.9

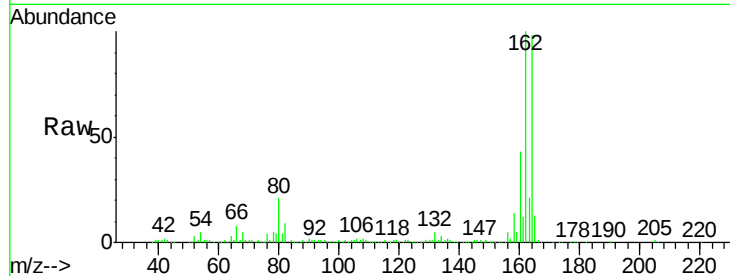




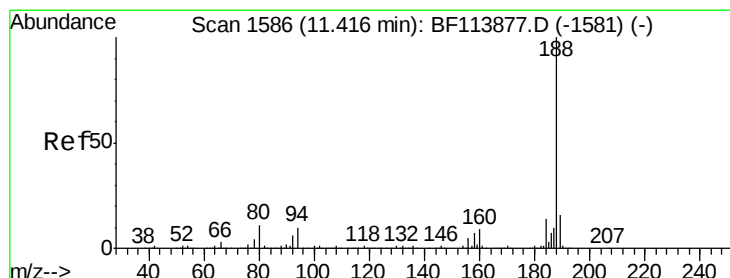
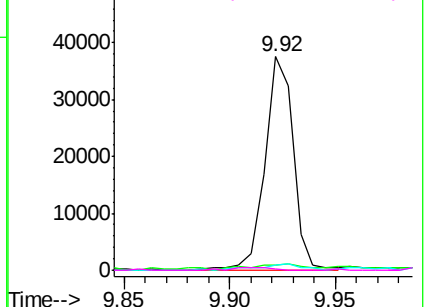
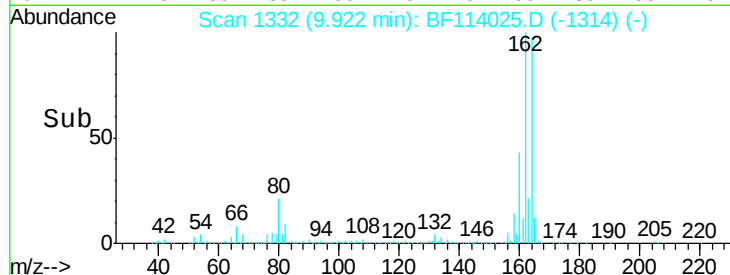
#57
 2,4-Dinitrotoluene
 Concen: 6.862 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 35290
 Ion Ratio Lower Upper
 165 100
 63 2.6 27.4 41.0#
 89 2.2 51.8 77.6#
 182 0.8 2.2 3.2#

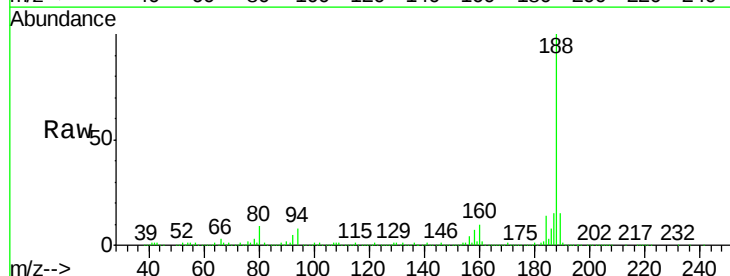


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

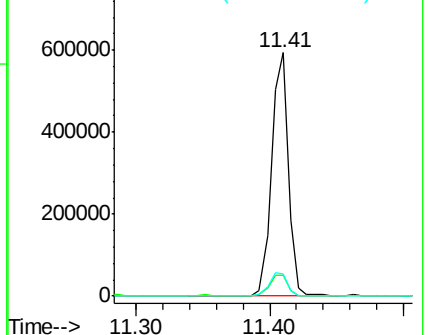
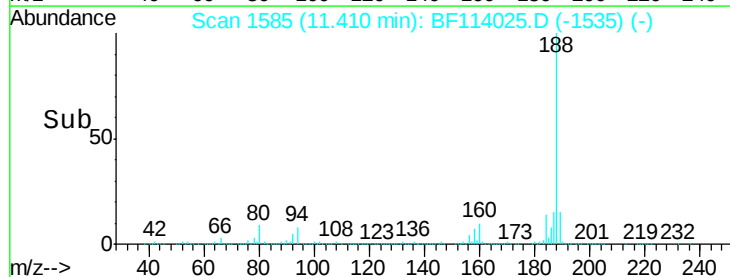


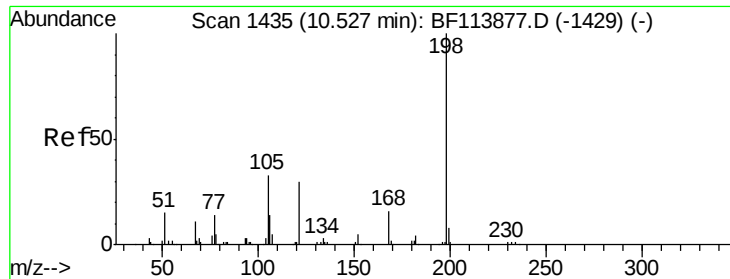
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Tgt Ion:188 Resp: 522129
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.2 12.4
 80 9.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

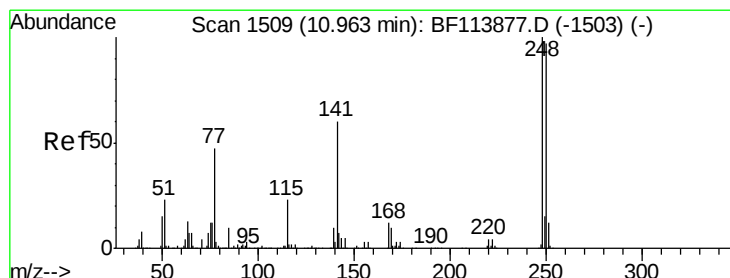
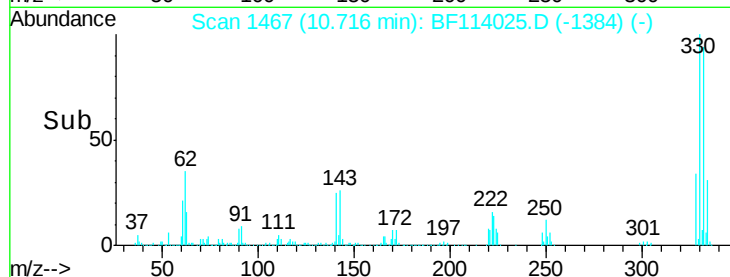
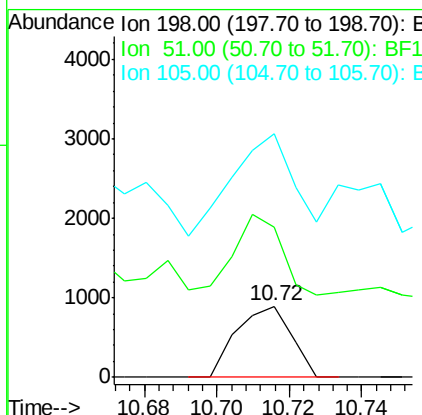
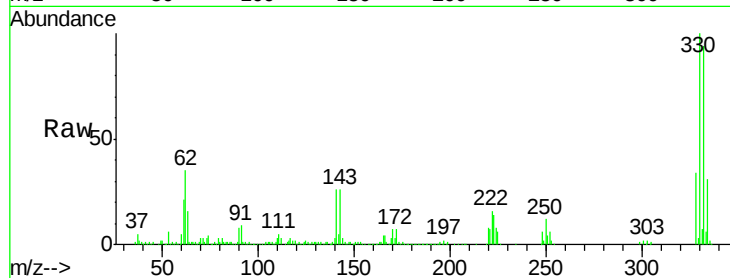




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.639 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

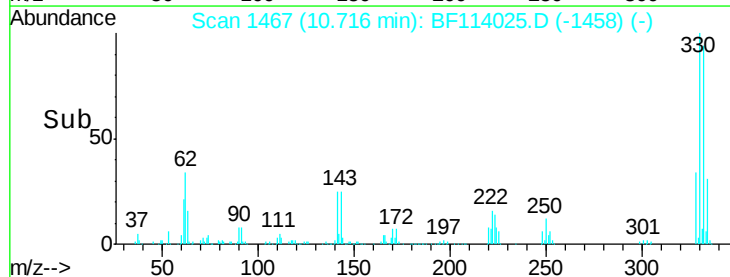
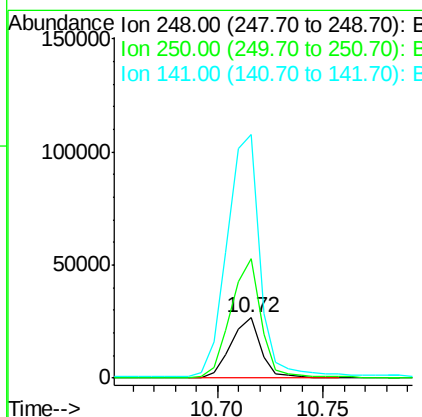
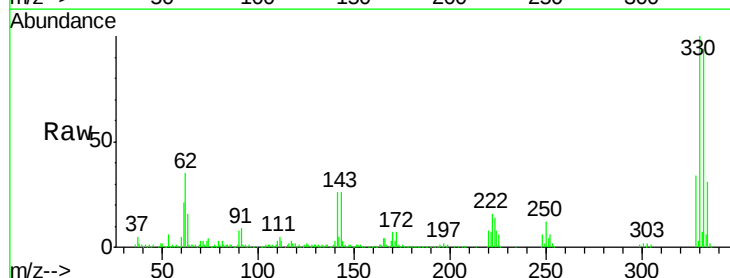
Instrument :
 BNA_F
 ClientSampled :

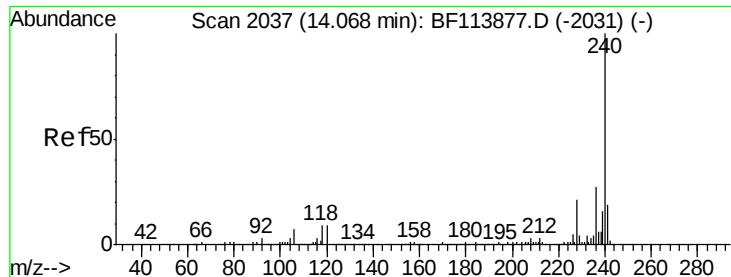
Tot Ion:198 Resp: 933
 Ion Ratio Lower Upper
 198 100
 51 212.3 11.1 51.1#
 105 343.7 20.7 60.7#



#67
 4-Bromophenyl-phenylether
 Concen: 4.183 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Tgt Ion:248 Resp: 26387
 Ion Ratio Lower Upper
 248 100
 250 196.6 75.8 113.6#
 141 402.4 50.2 75.4#

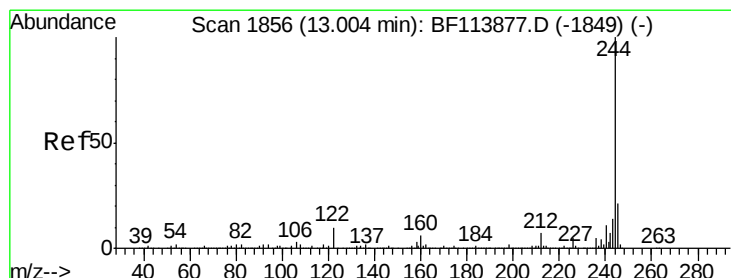
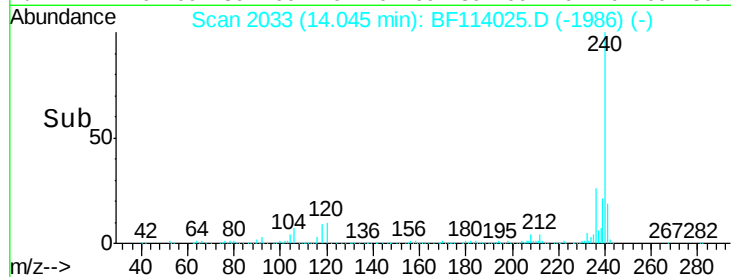
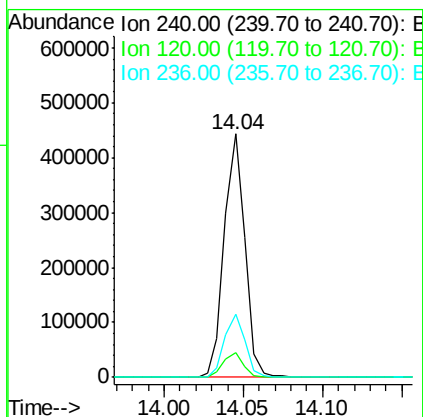
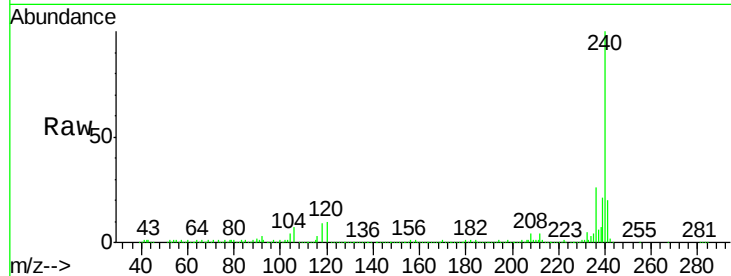




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

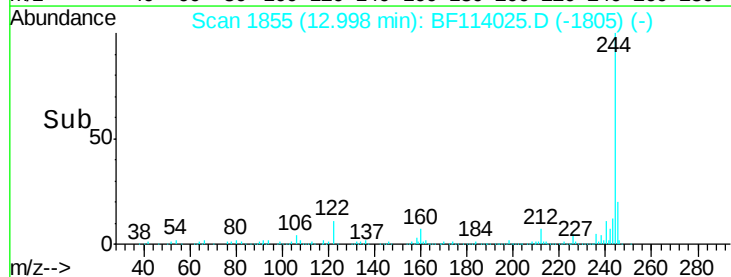
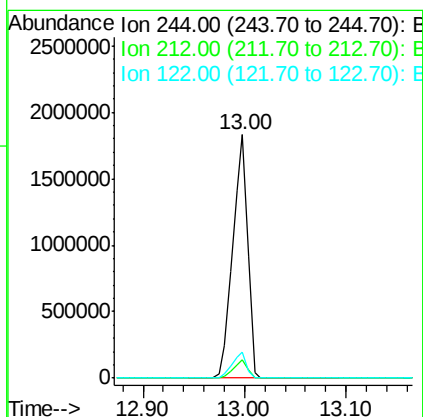
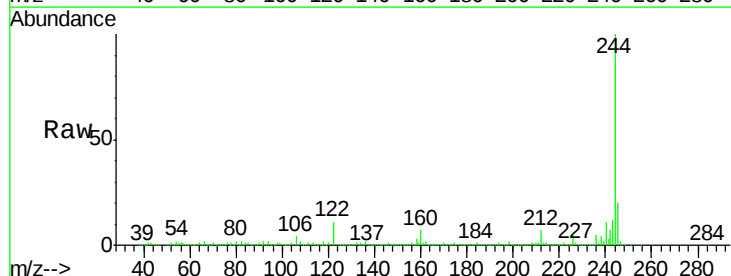
Instrument :
 BNA_F
 ClientSampleId :

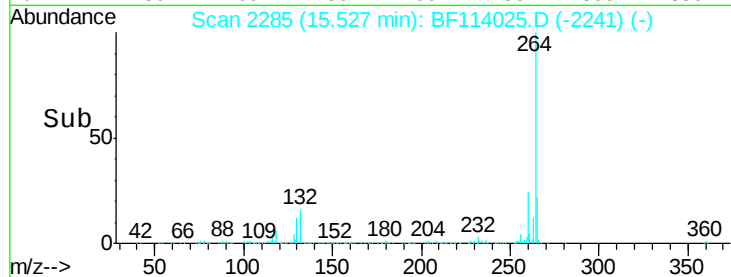
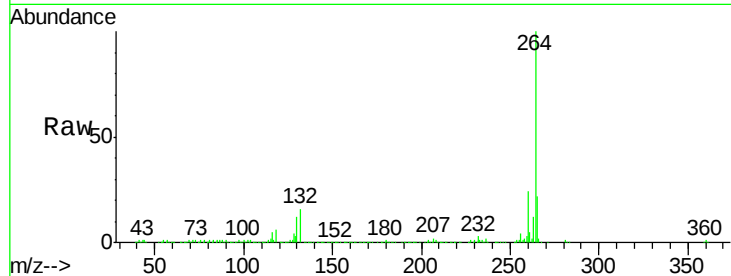
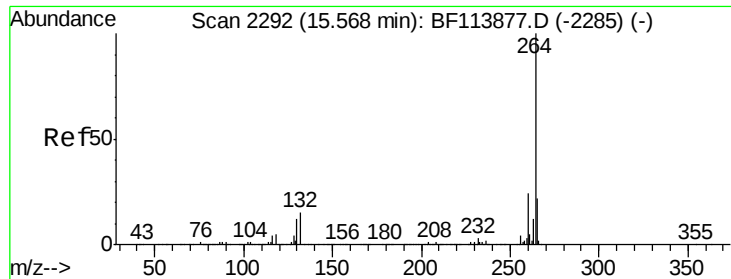
Tot Ion:240 Resp: 401702
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.3 13.9
 236 26.2 21.2 31.8



#79
 Terphenyl-d14
 Concen: 95.432 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Tgt Ion:244 Resp: 1869885
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.6 7.6 11.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	371355
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.3	25.9

