

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112313.D
 Acq On : 30 Jan 2019 10:14
 Operator : JU/SJ
 Sample : K1266-07RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 10:43:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

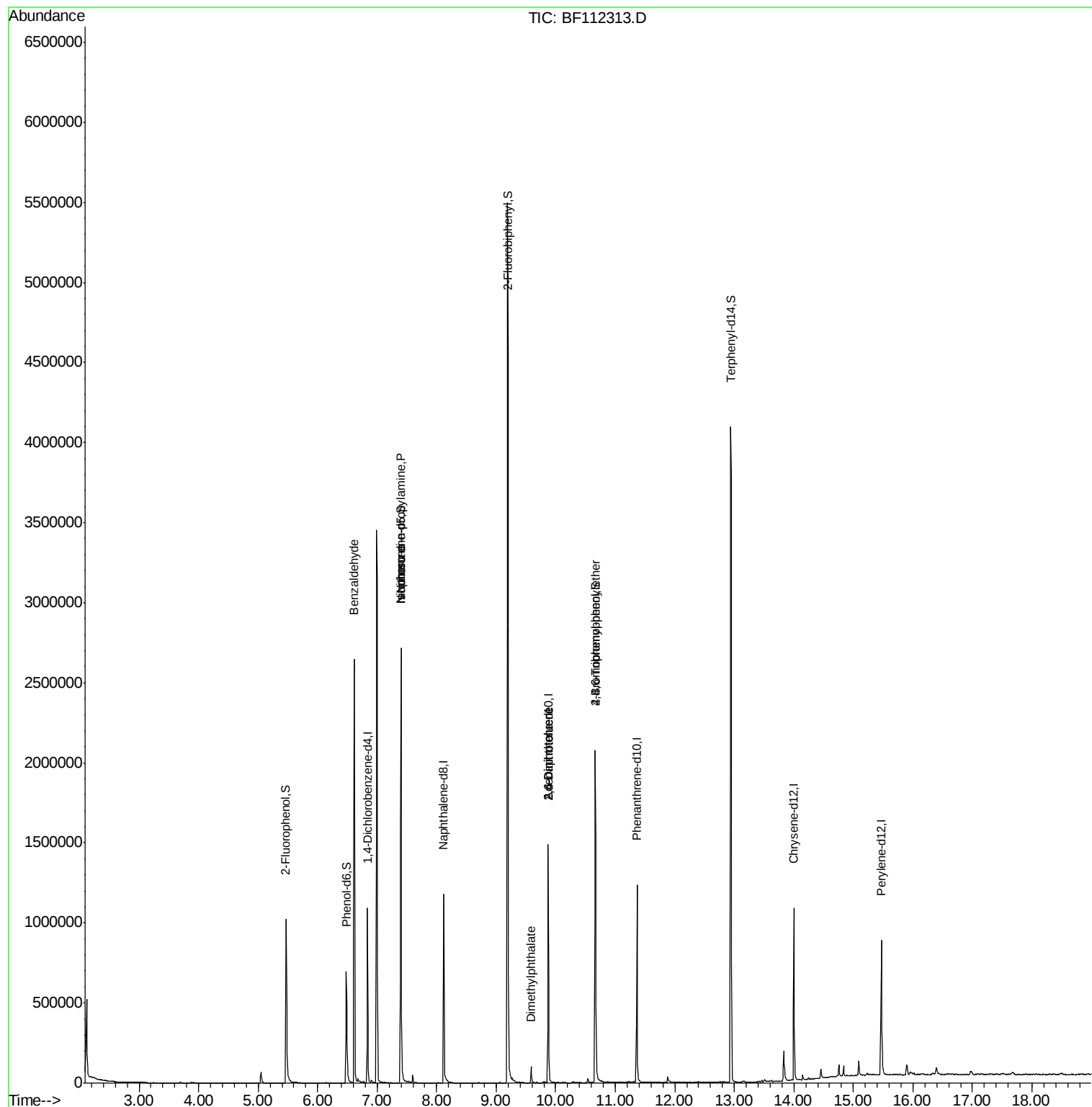
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	173995	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	654135	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	299870	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	515007	20.00	ng	0.00
76) Chrysene-d12	14.00	240	394769	20.00	ng	-0.01
87) Perylene-d12	15.47	264	379535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	358736	43.79	ng	0.00
7) Phenol-d6	6.48	99	265118	23.29	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1010828	89.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	285453	81.78	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1878696	88.61	ng	-0.01
79) Terphenyl-d14	12.94	244	1468278	70.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	16730	2.812	ng	# 77
19) n-Nitroso-di-n-propylamine	7.40	70	134528	17.140	ng	# 79
25) Isophorone	7.40	82	999189	56.103	ng	# 63
50) Dimethylphthalate	9.59	163	48030	2.062	ng	# 97
51) 2,6-Dinitrotoluene	9.87	165	38331	7.346	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	38332	5.770	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	16558	2.734	ng	# 1

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

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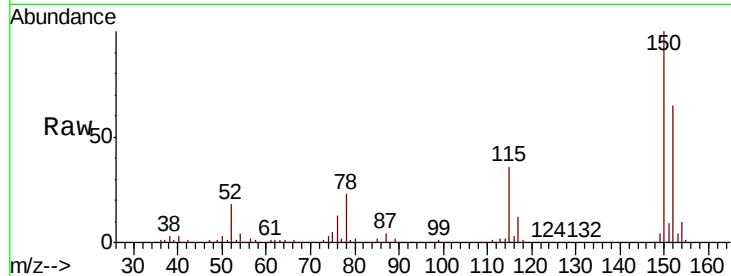


#1

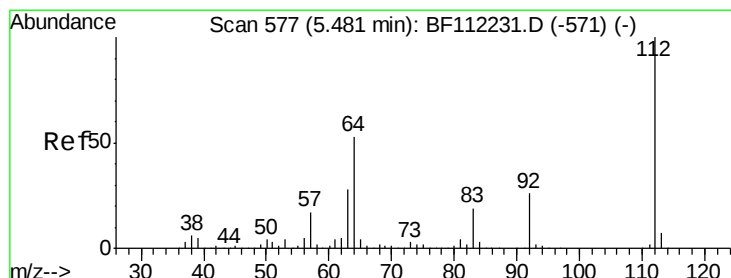
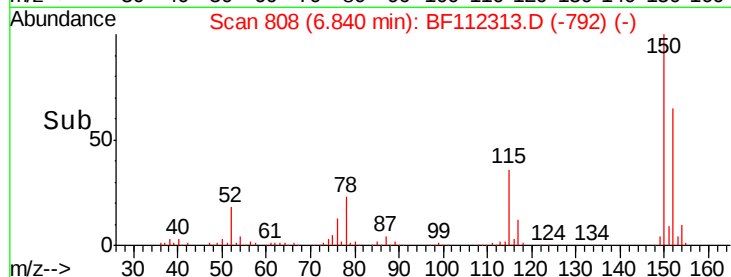
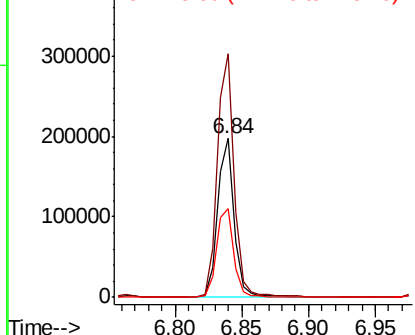
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173995
Ion Ratio Lower Upper
152 100
150 153.3 127.4 191.0
115 55.8 45.5 68.3



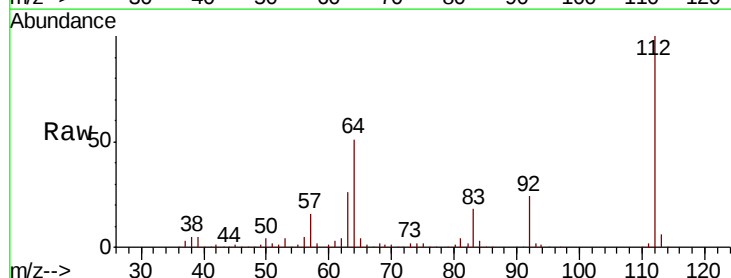
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



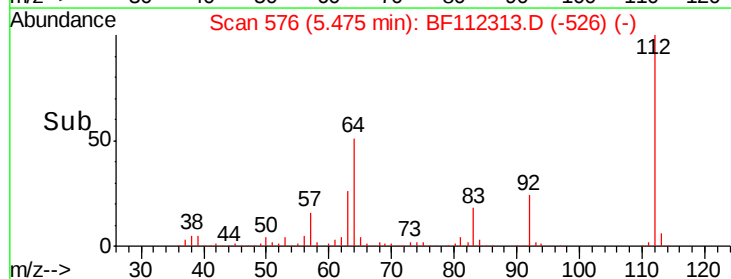
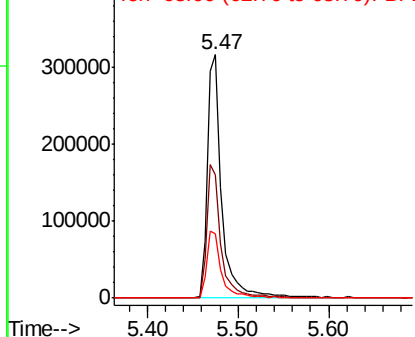
#5

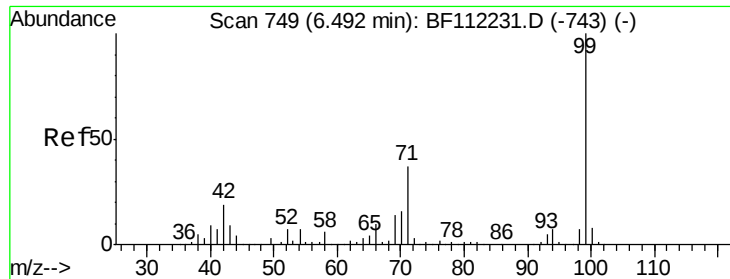
2-Fluorophenol
Concen: 43.793 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Tgt Ion:112 Resp: 358736
Ion Ratio Lower Upper
112 100
64 50.5 45.7 68.5
63 26.5 23.6 35.4



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: 23.291 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

Instrument :

BNA_F

ClientSampleId :

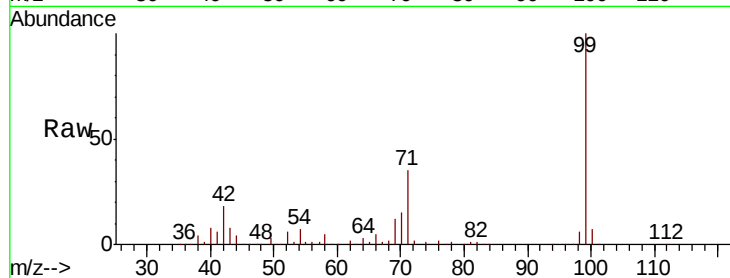
Tot Ion: 99 Resp: 265118

Ion Ratio Lower Upper

99 100

42 17.5 15.1 22.7

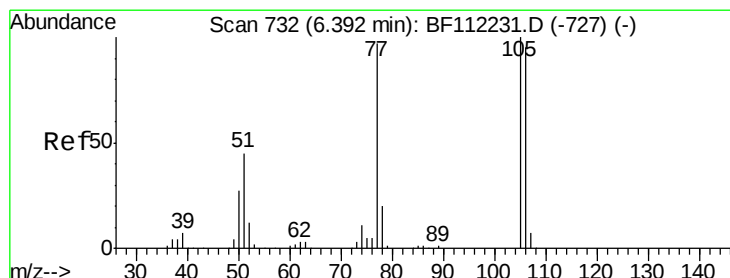
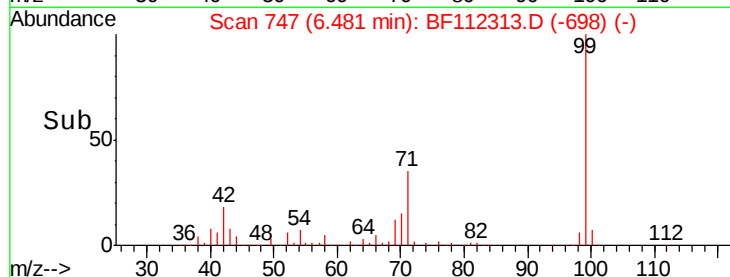
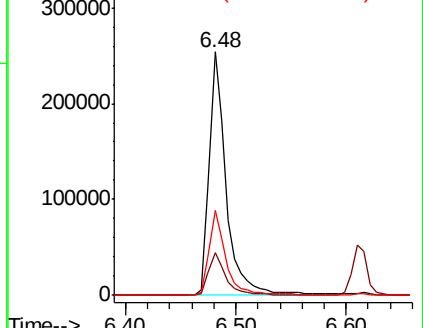
71 35.0 26.9 40.3



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



#9

Benzaldehyde

Concen: 2.812 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

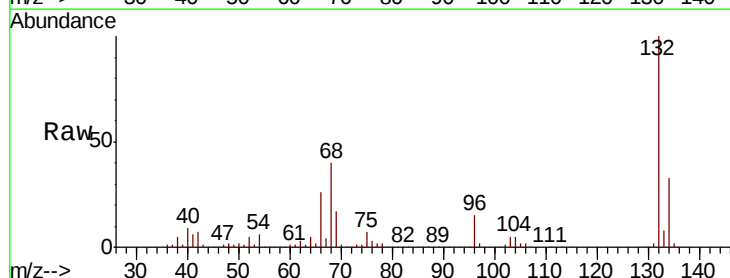
Tgt Ion: 77 Resp: 16730

Ion Ratio Lower Upper

77 100

105 79.8 80.8 120.8#

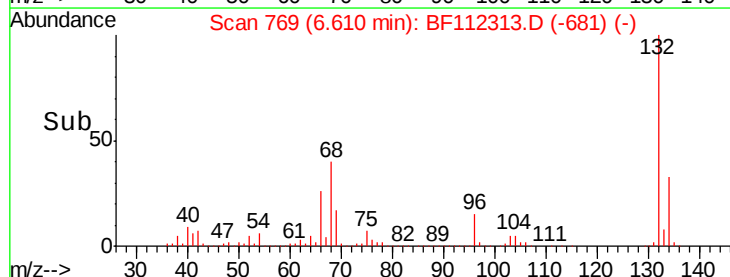
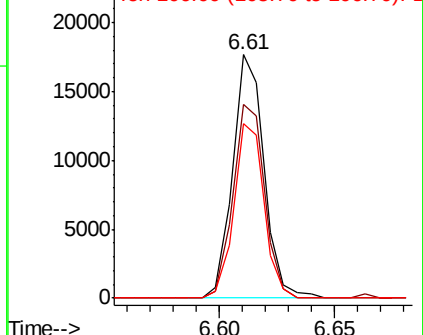
106 71.5 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

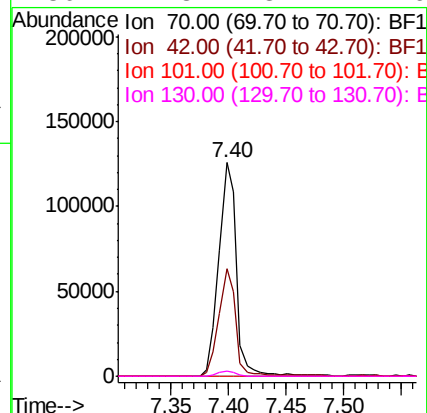
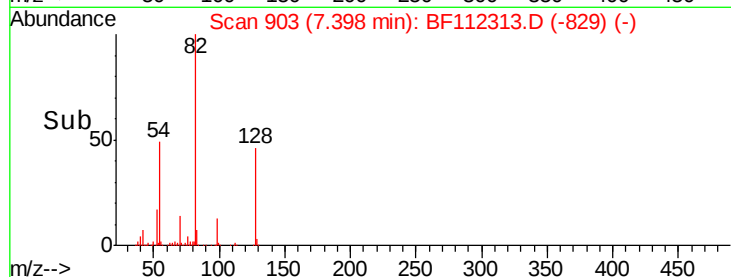
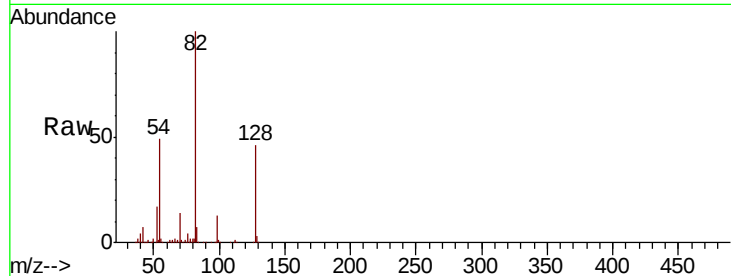




#19
n-Nitroso-di-n-propylamine
Concen: 17.140 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

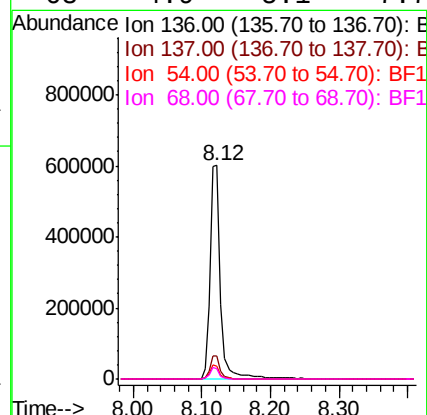
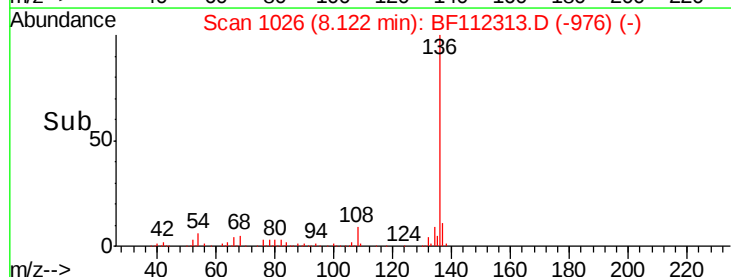
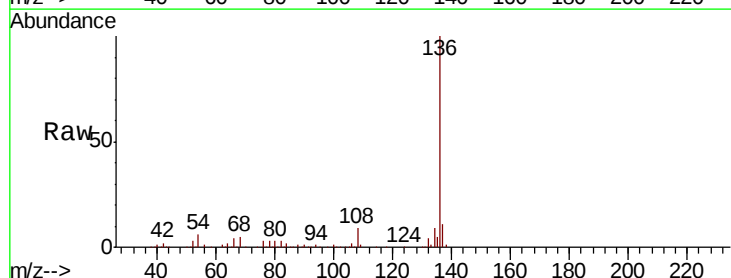
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.9	5.9	8.9
68	4.9	5.1	7.7#

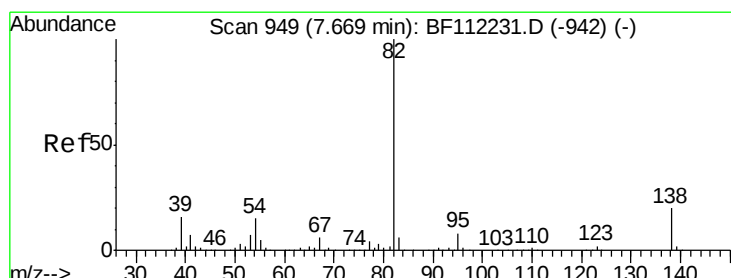
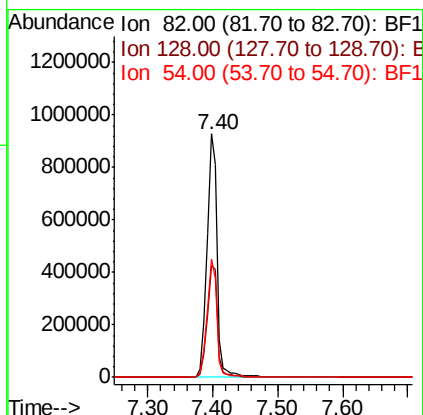
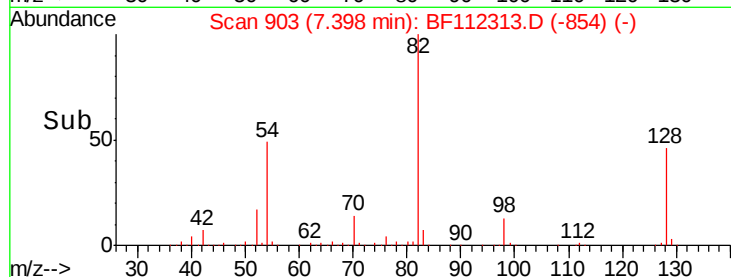
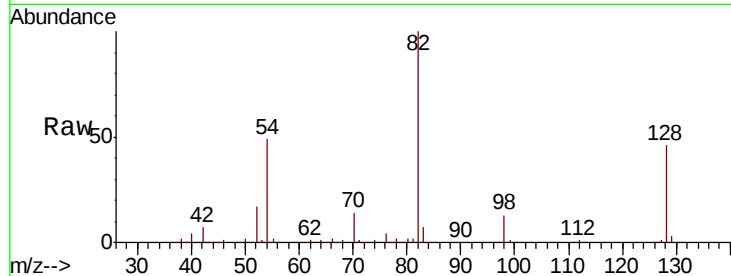




#23
Nitrobenzene-d5
Concen: 89.039 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

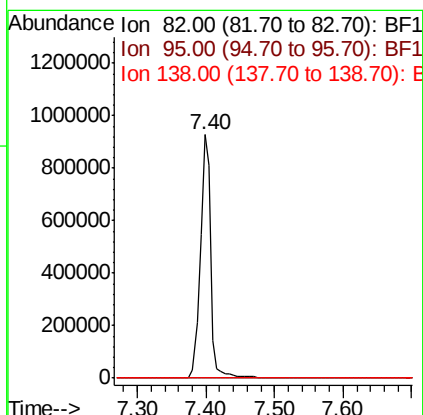
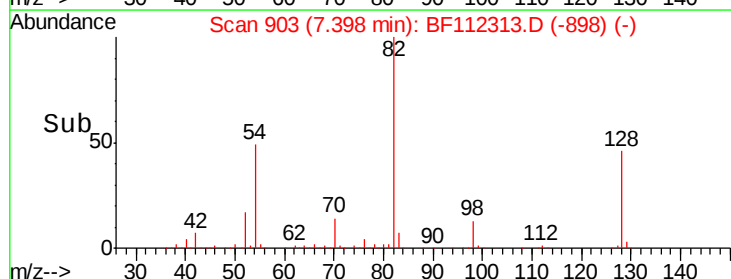
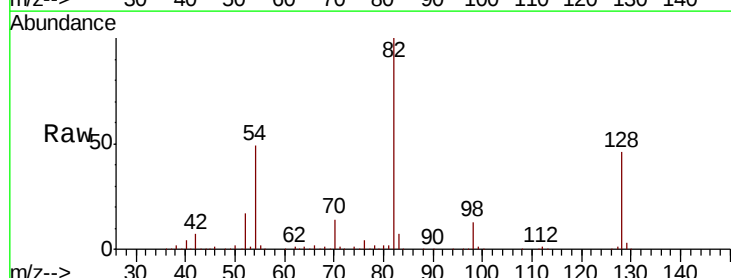
Instrument :
BNA_F
ClientSampleId :

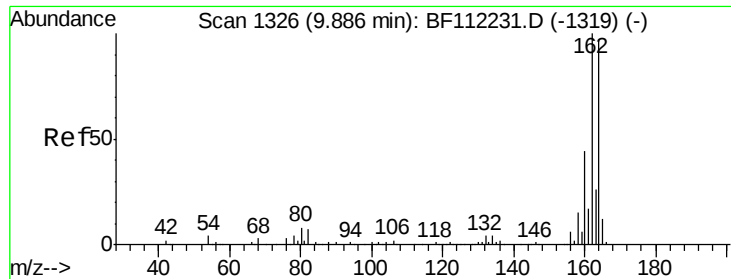
Tot Ion: 82 Resp: 1010828
Ion Ratio Lower Upper
82 100
128 46.0 37.8 56.8
54 48.6 39.7 59.5



#25
Isophorone
Concen: 56.103 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Tgt Ion: 82 Resp: 999189
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

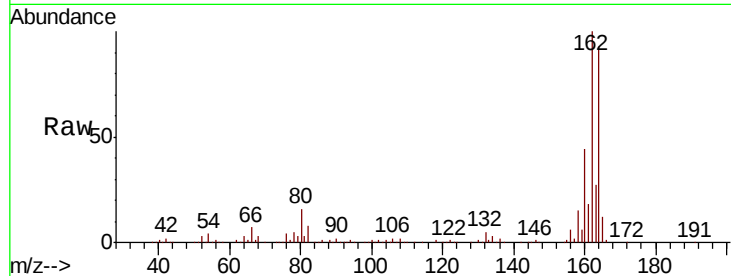




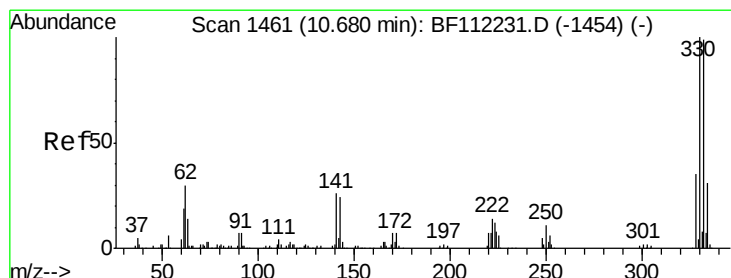
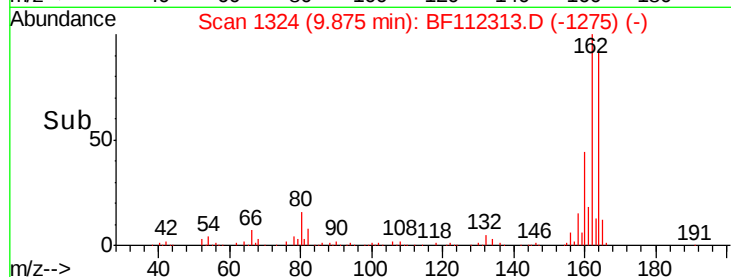
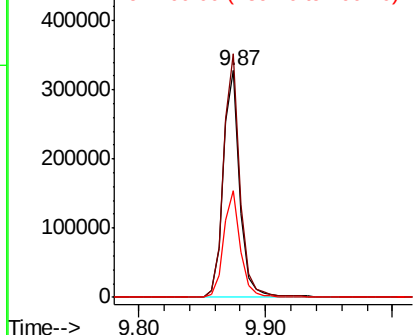
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.2	123.4
160	46.9	36.2	54.4

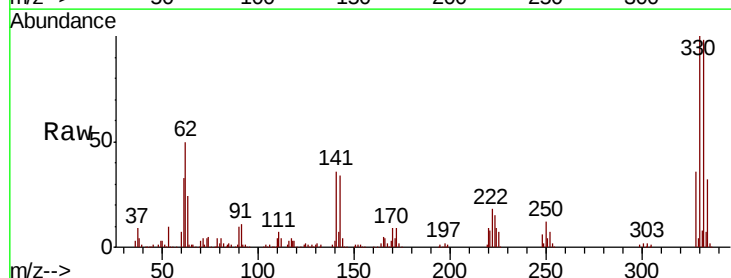


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

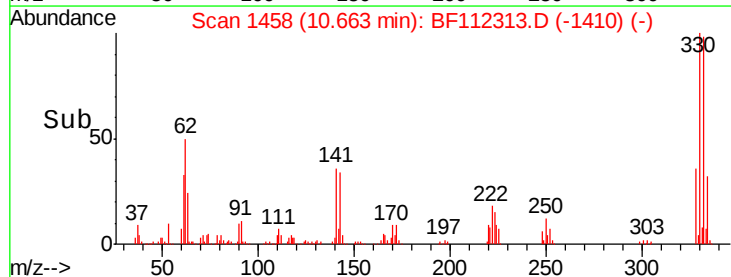
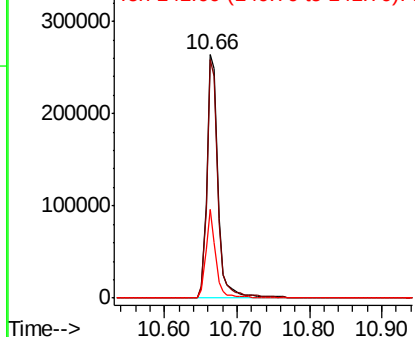


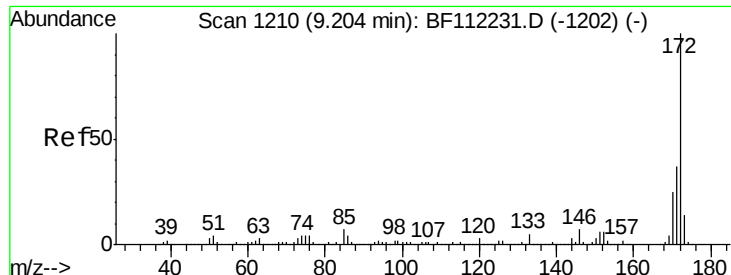
#42
2,4,6-Tribromophenol
Concen: 81.782 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.4	24.3	36.5



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



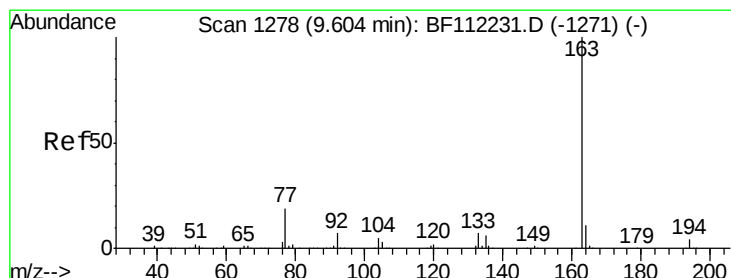
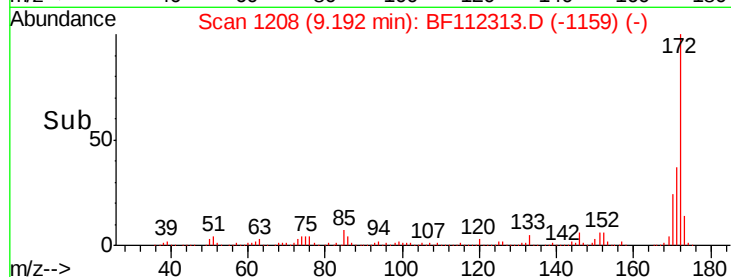
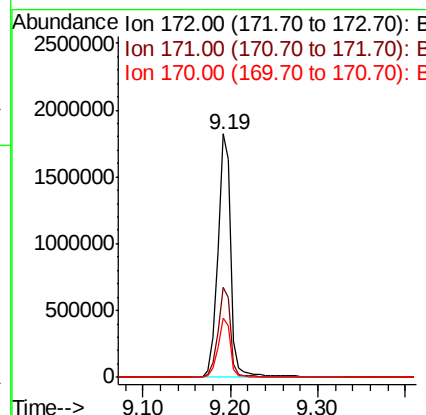
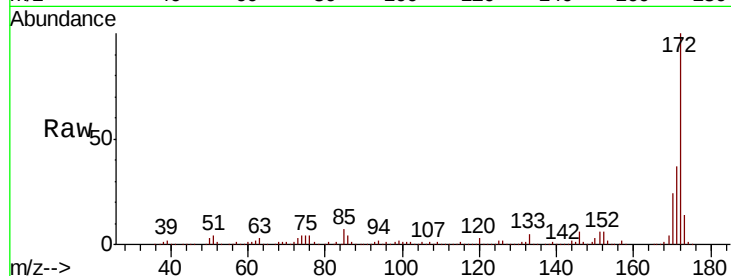


#45
 2-Fluorobiphenyl
 Concen: 88.609 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1878696

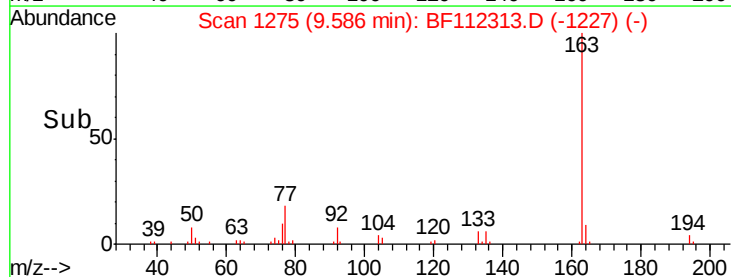
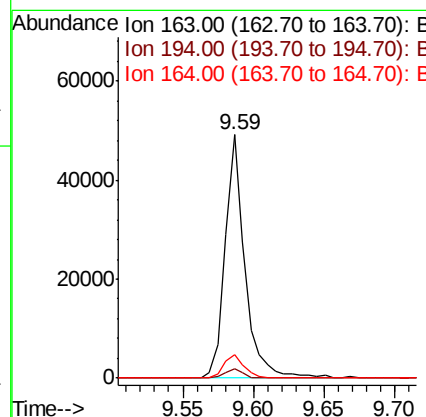
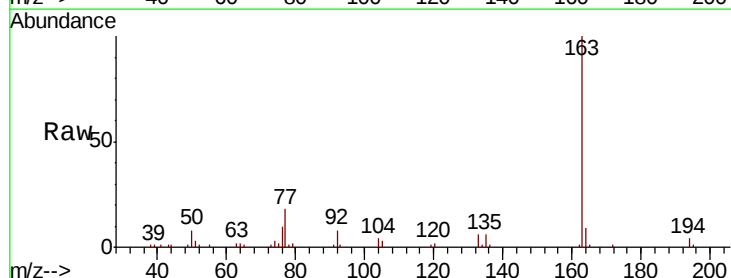
Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.3	20.2	30.4

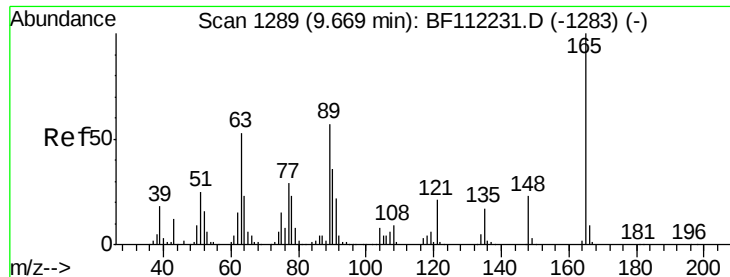


#50
 Dimethylphthalate
 Concen: 2.062 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Tgt Ion:163 Resp: 48030

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.4	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 7.346 ng

RT: 9.87 min Scan# 1324

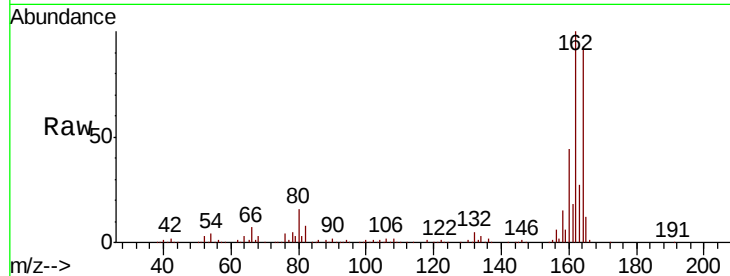
Delta R.T. 0.21 min

Lab File: BF112313.D

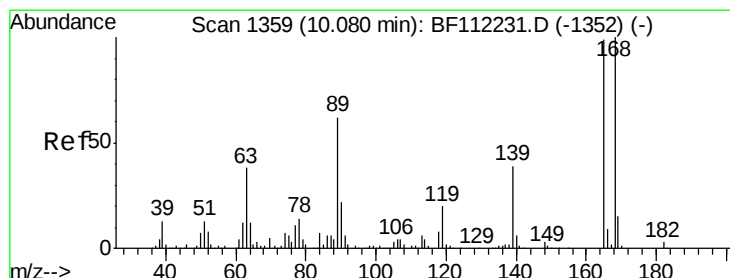
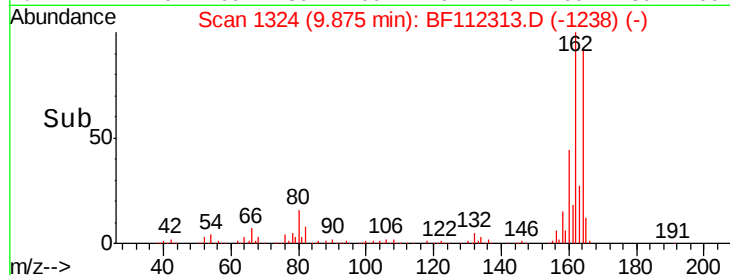
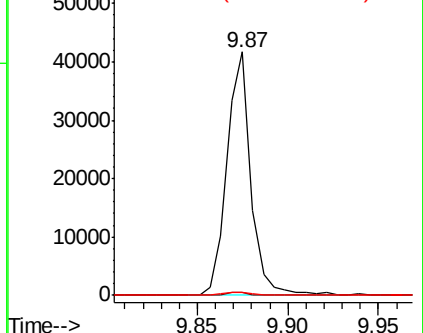
Acq: 30 Jan 2019 10:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	38331
Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.1	36.9	55.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.770 ng

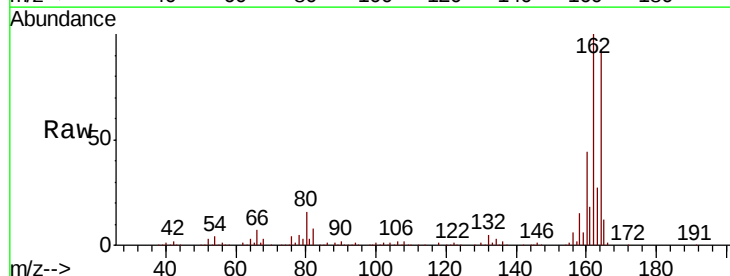
RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

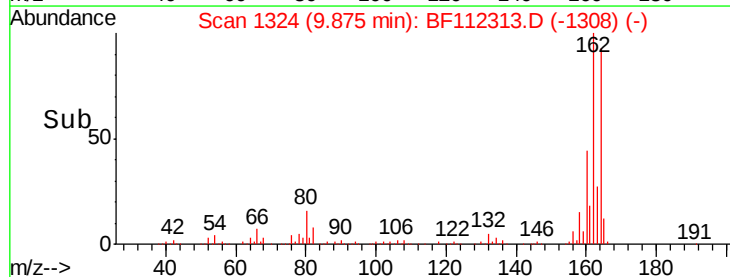
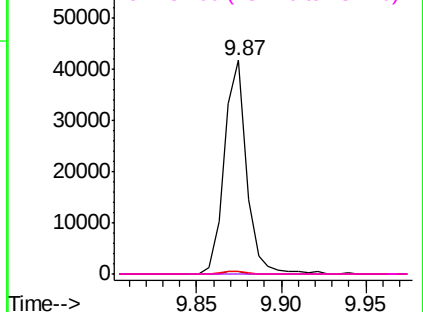
Lab File: BF112313.D

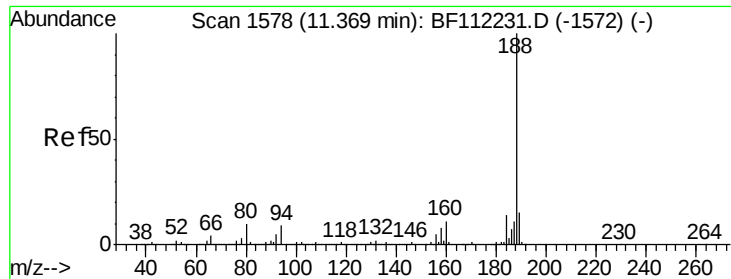
Acq: 30 Jan 2019 10:14

Tgt Ion:	165	Resp:	38332
Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.1	47.9	71.9#
182	0.0	2.2	3.4#



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

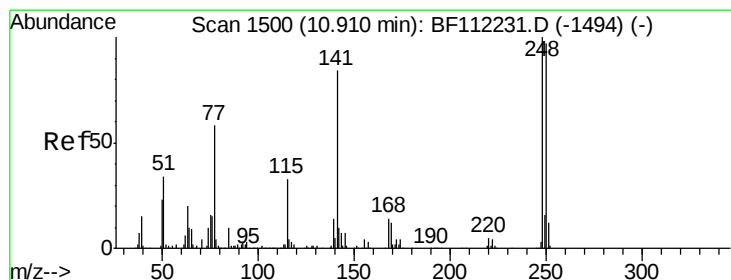
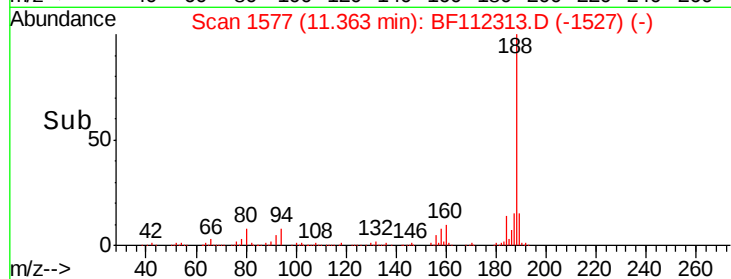
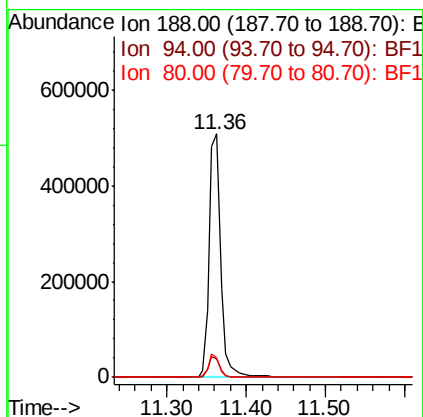
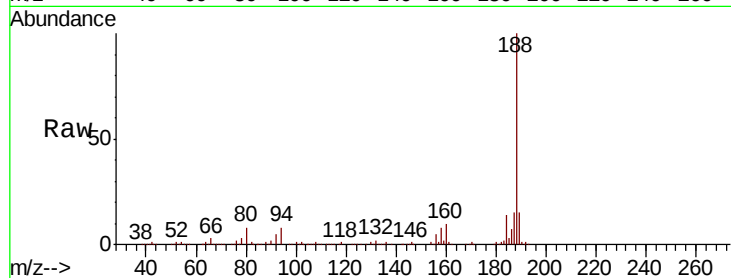




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

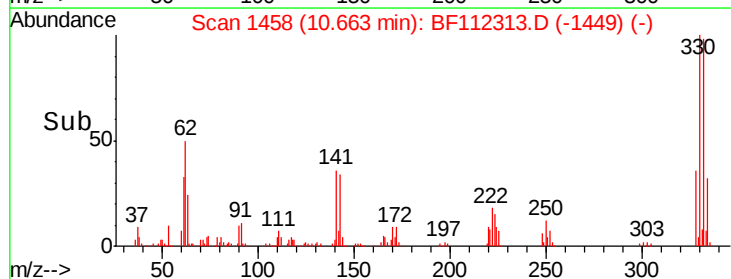
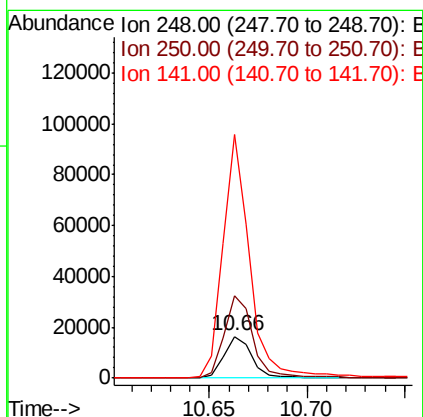
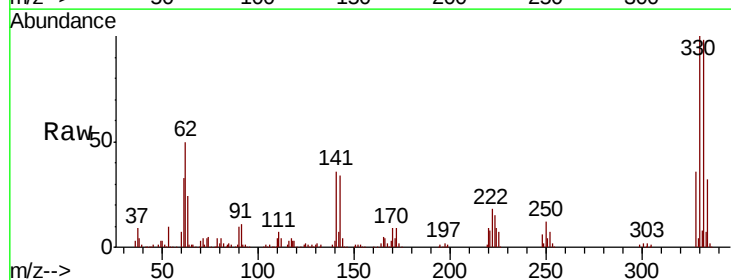
Instrument :
BNA_F
ClientSampleId :

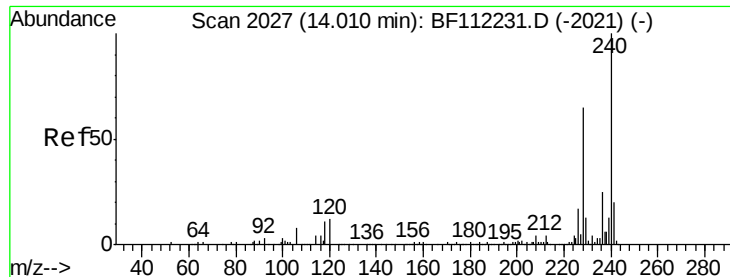
Tot Ion:188 Resp: 515007
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.3 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112313.D
Acq: 30 Jan 2019 10:14

Tgt Ion:248 Resp: 16558
Ion Ratio Lower Upper
248 100
250 197.1 79.7 119.5#
141 581.3 60.3 90.5#

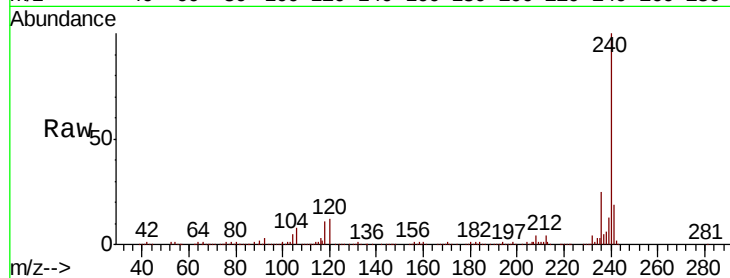




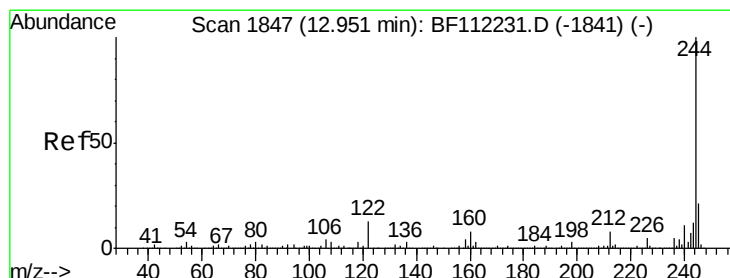
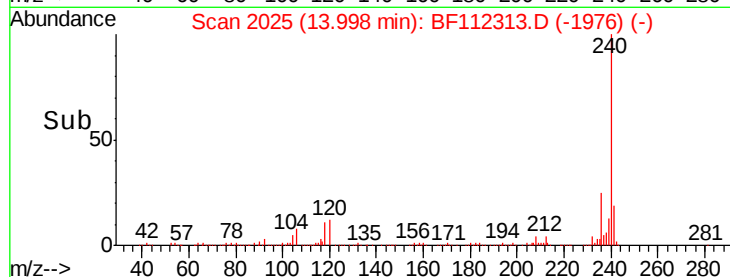
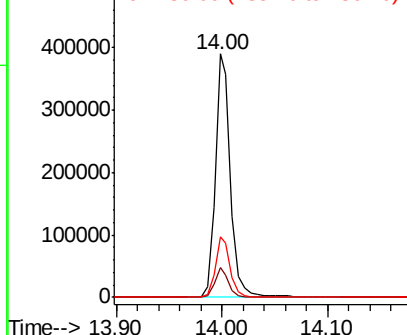
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 394769
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.0 13.6
 236 25.1 20.7 31.1

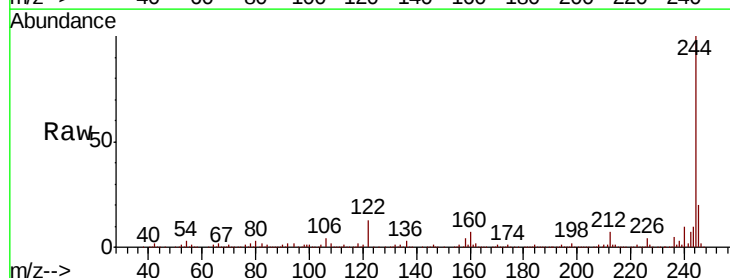


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

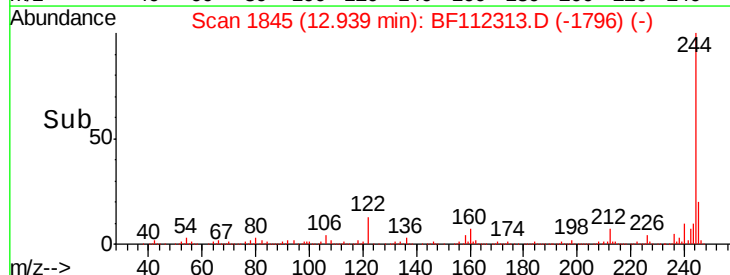
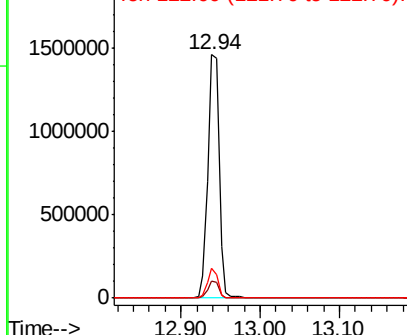


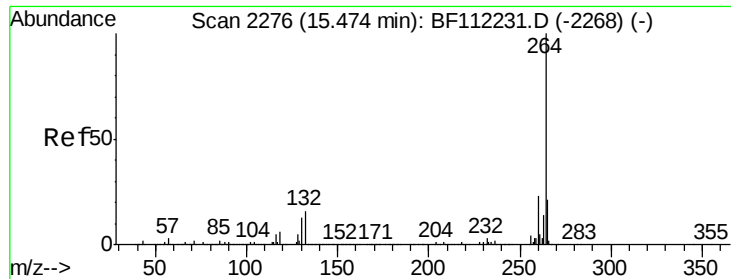
#79
 Terphenyl-d14
 Concen: 70.052 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Tgt Ion:244 Resp: 1468278
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.5 9.8 14.6



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

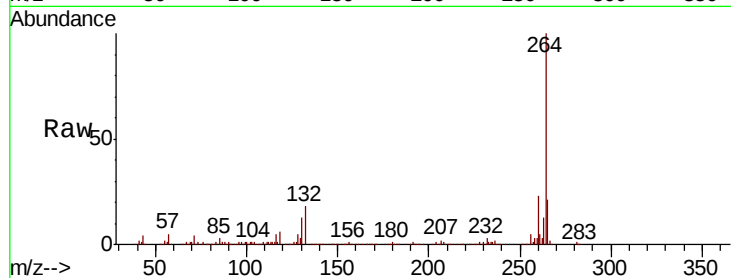




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	379535
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.5	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

