

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116935.D
 Acq On : 10 Sep 2019 21:35
 Operator : HP/JU
 Sample : K4752-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:02:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

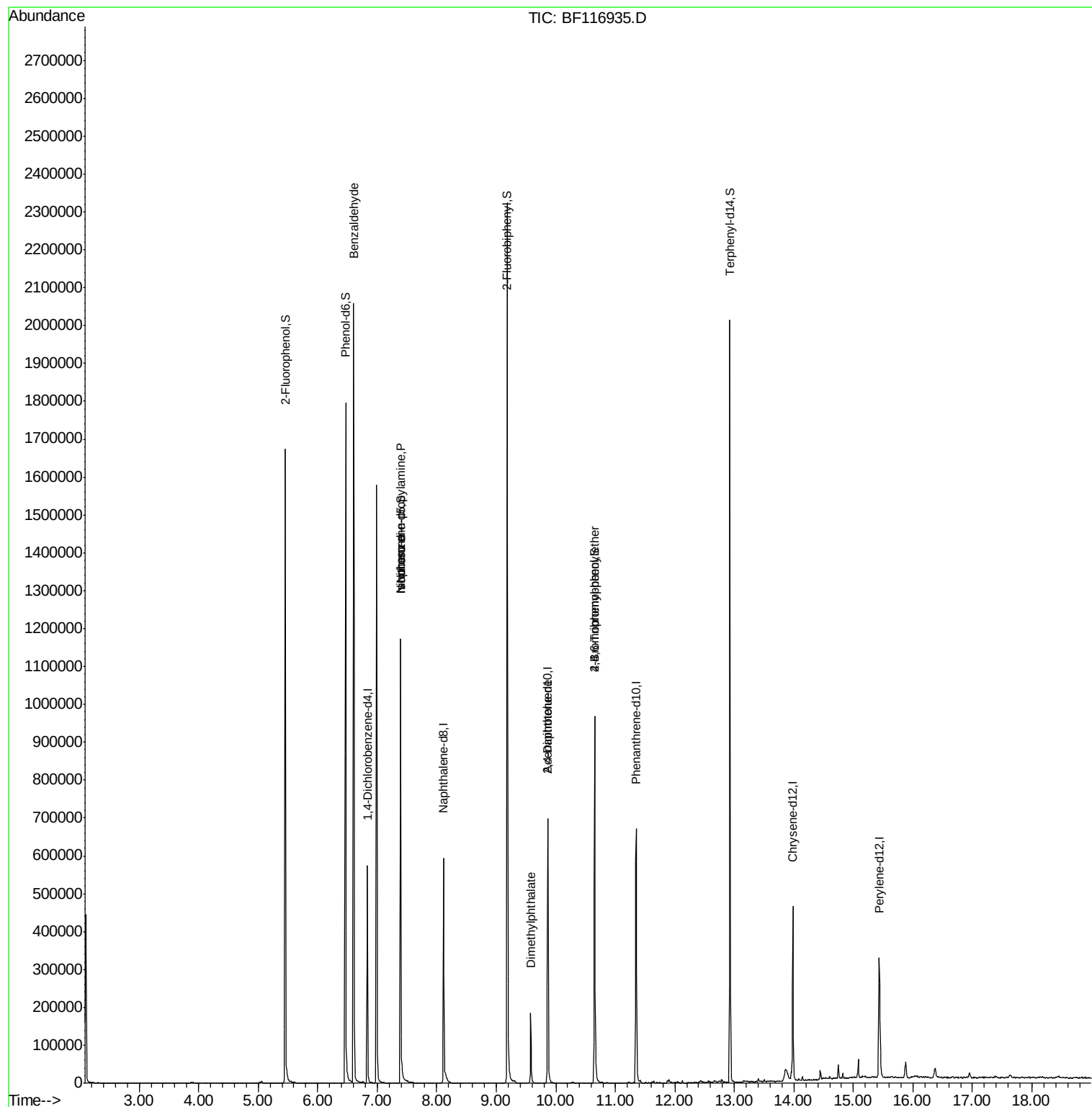
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83595	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	334614	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	172104	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	275958	20.00	ng	0.00
76) Chrysene-d12	13.98	240	158302	20.00	ng	0.00
87) Perylene-d12	15.43	264	165722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	498687	96.64	ng	0.00
7) Phenol-d6	6.47	99	684270	100.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	425031	72.51	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	115623	100.49	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	730842	71.63	ng	0.00
79) Terphenyl-d14	12.93	244	637063	74.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	12906	2.891	ng	81
19) n-Nitroso-di-n-propylamine	7.39	70	57784	12.952	ng	# 71
25) Isophorone	7.39	82	425026	35.785	ng	# 66
50) Dimethylphthalate	9.58	163	86331	7.266	ng	98
57) 2,4-Dinitrotoluene	9.86	165	21229	7.658	ng	# 21
67) 4-Bromophenyl-phenylether	10.65	248	7376	2.631	ng	# 1

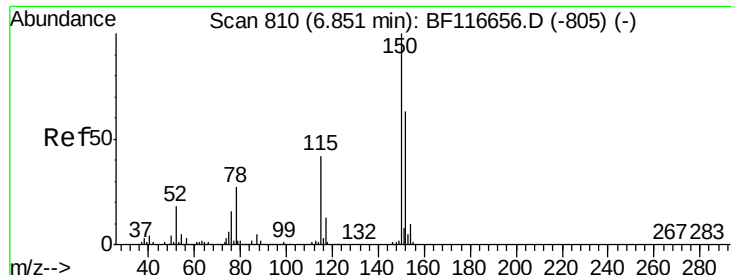
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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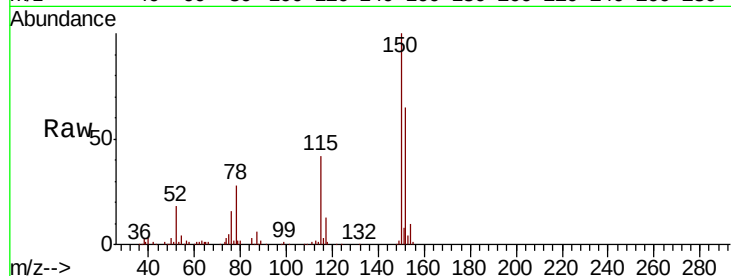


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.4	186.6
115	64.6	49.9	74.9

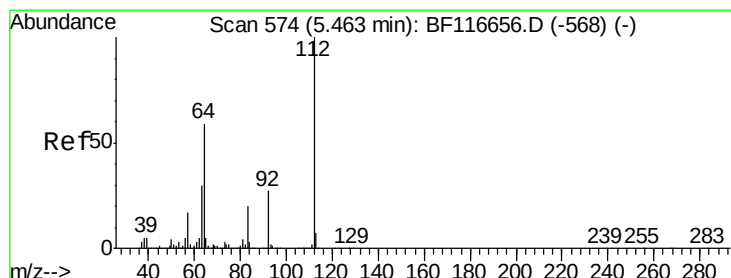
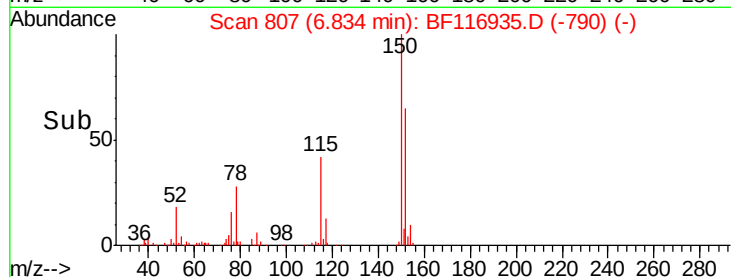
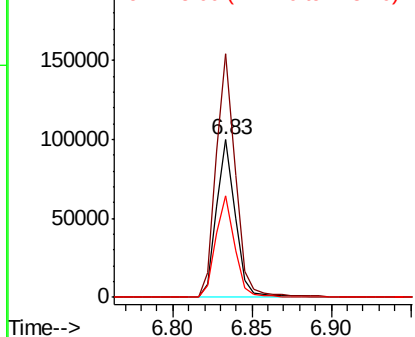


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

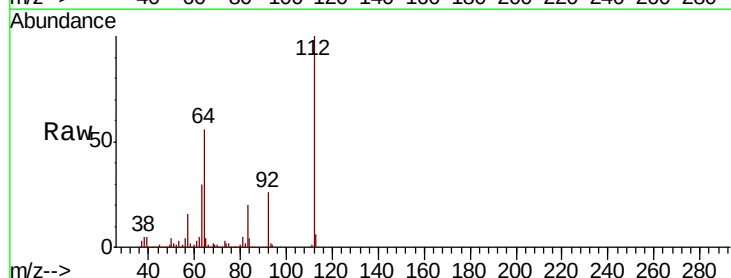
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.645 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.1	70.7
63	29.6	24.9	37.3

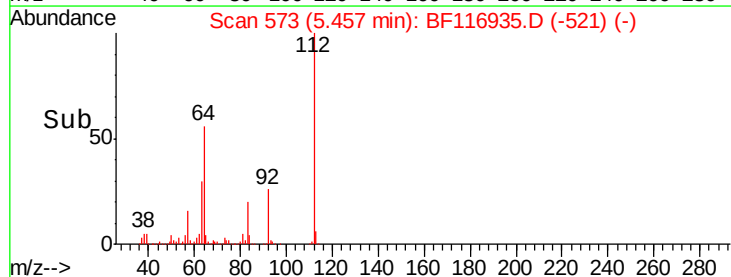
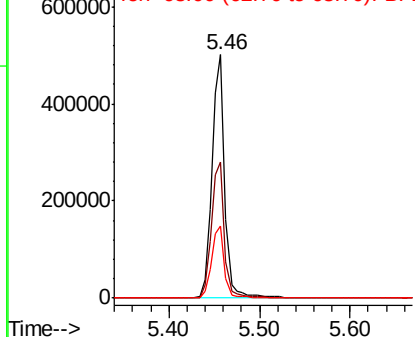


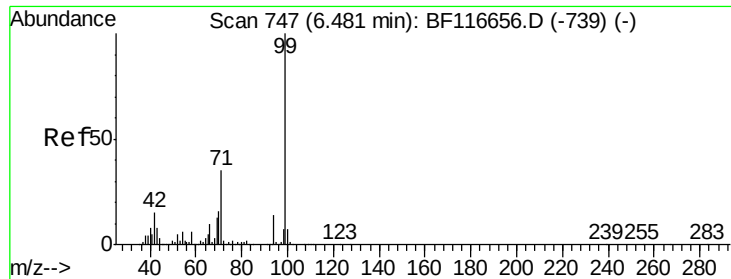
Abundance

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: 100.990 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116935.D

Acq: 10 Sep 2019 21:35

Instrument :

BNA_F

ClientSampleId :

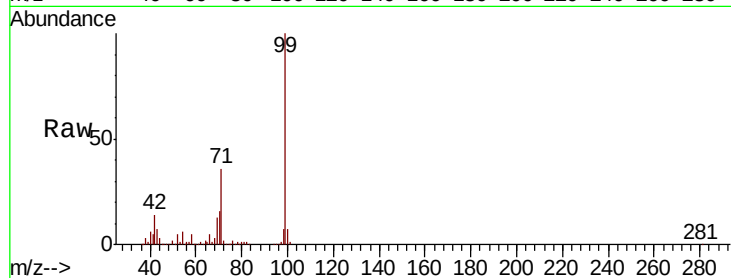
Tot Ion: 99 Resp: 684270

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

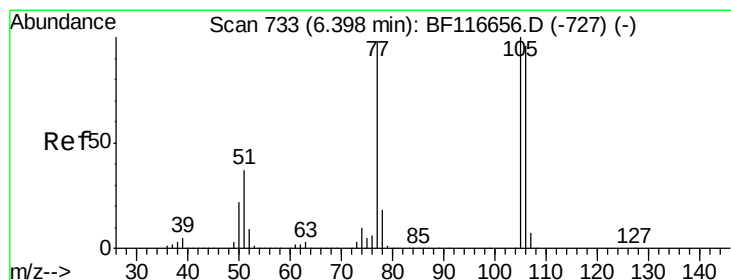
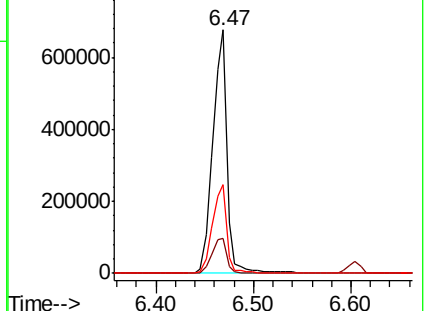
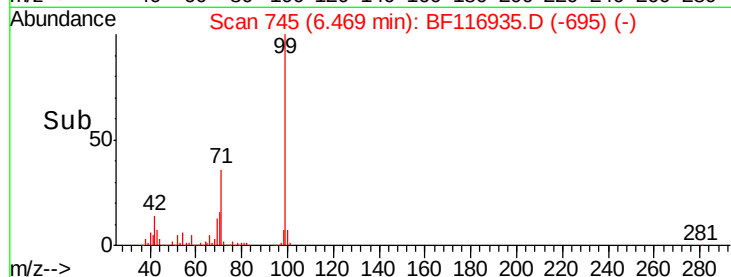
71 36.4 30.8 46.2



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: 2.891 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF116935.D

Acq: 10 Sep 2019 21:35

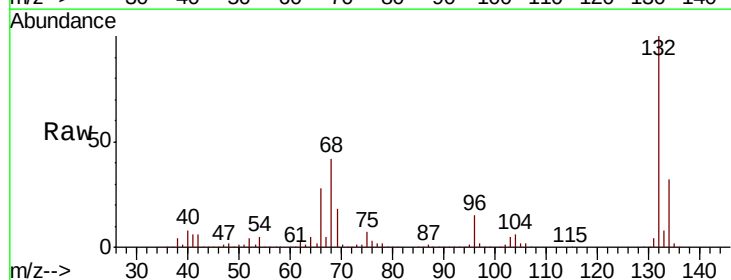
Tgt Ion: 77 Resp: 12906

Ion Ratio Lower Upper

77 100

105 80.2 76.7 116.7

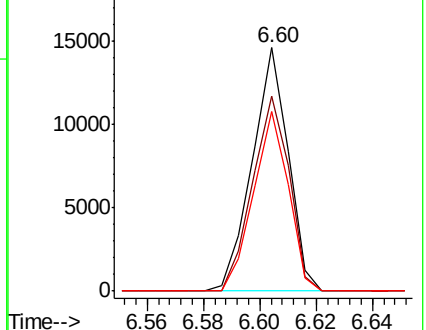
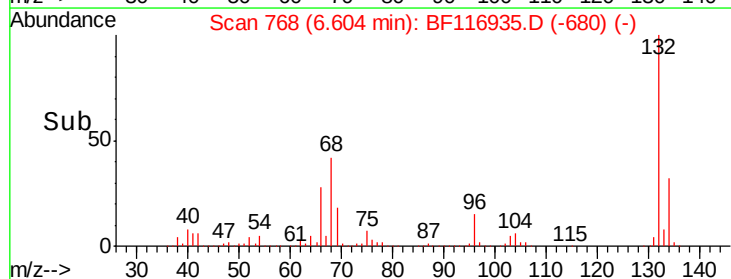
106 73.6 73.1 113.1

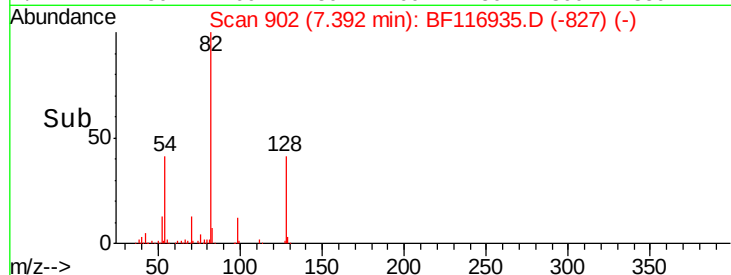
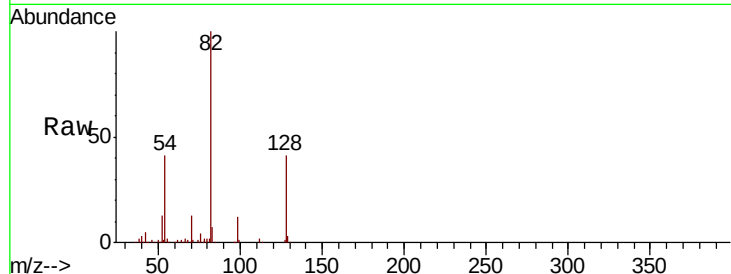
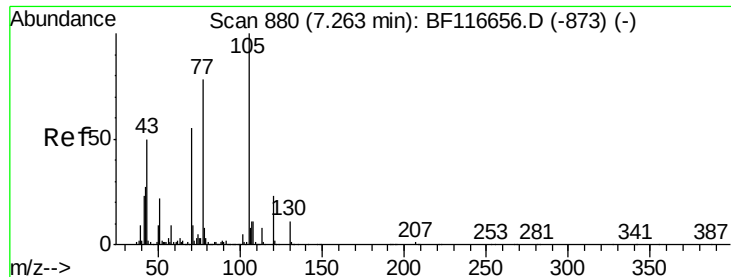


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

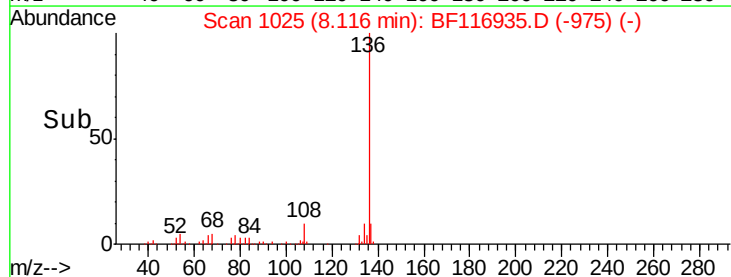
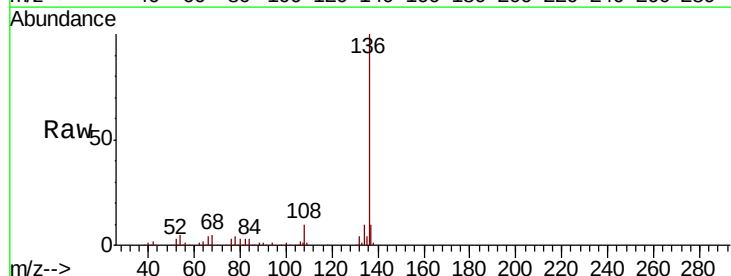
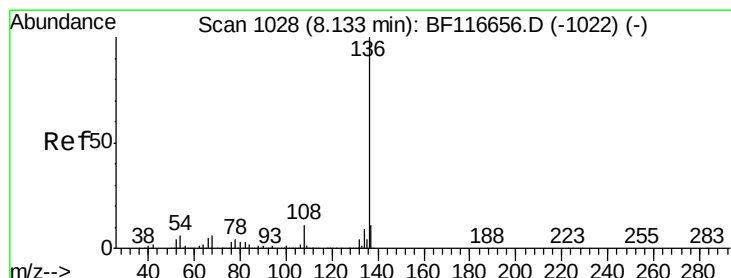
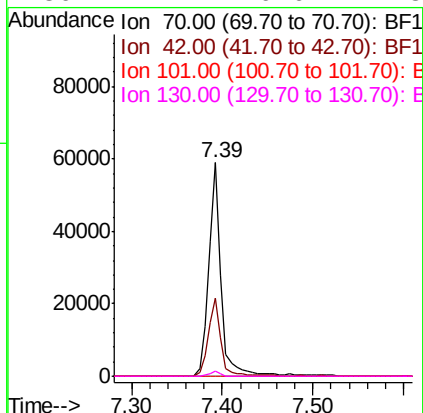




#19
n-Nitroso-di-n-propylamine
Concen: 12.952 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

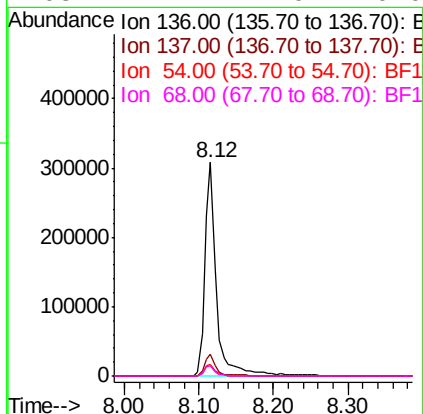
Instrument :
BNA_F
ClientSampleId :

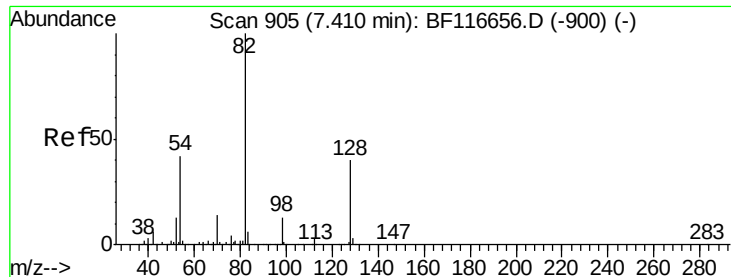
Tot Ion:	70	Resp:	57784
Ion	Ratio	Lower	Upper
70	100		
42	36.6	43.5	65.3#
101	0.0	7.8	11.6#
130	2.2	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Tgt Ion:	136	Resp:	334614
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.2	4.8	7.2
68	4.7	4.0	6.0





#23

Nitrobenzene-d5

Concen: 72.513 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF116935.D

Acq: 10 Sep 2019 21:35

Instrument :

BNA_F

ClientSampled :

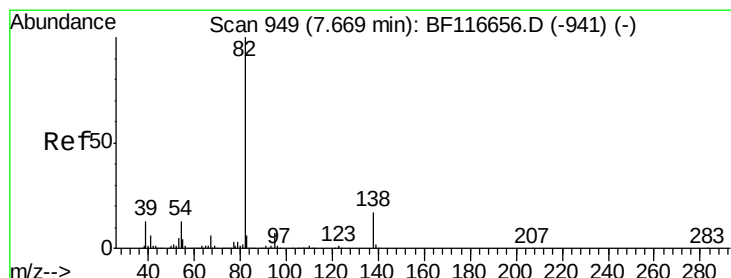
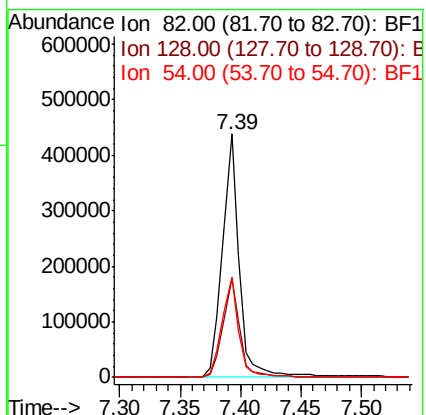
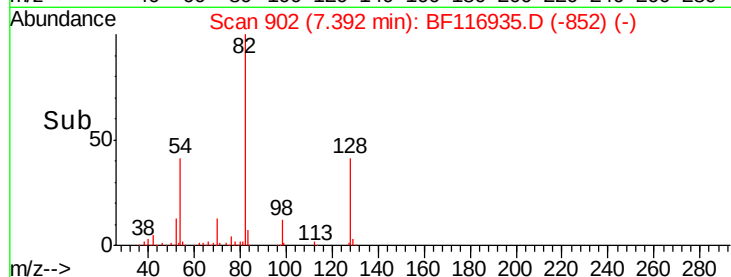
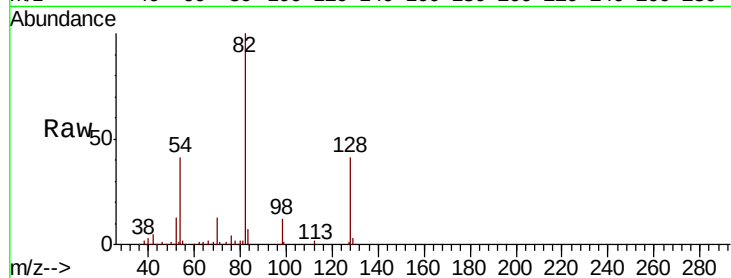
Tot Ion: 82 Resp: 425031

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 41.0 36.9 55.3



#25

Isophorone

Concen: 35.785 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF116935.D

Acq: 10 Sep 2019 21:35

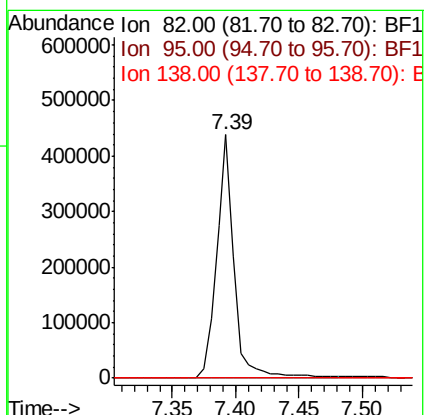
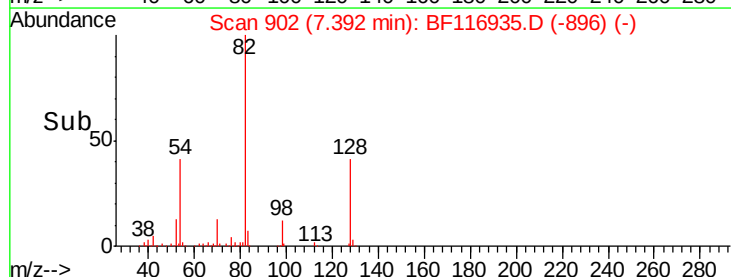
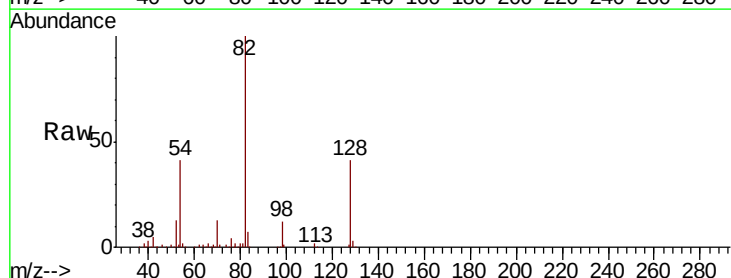
Tgt Ion: 82 Resp: 425026

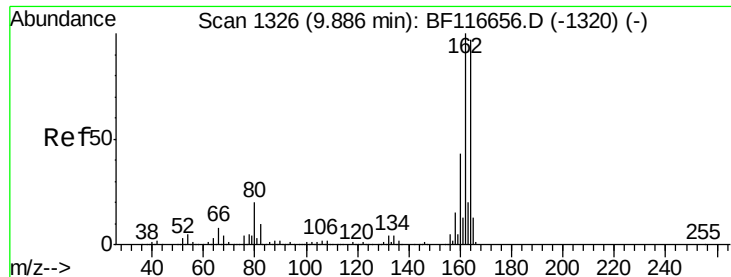
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#

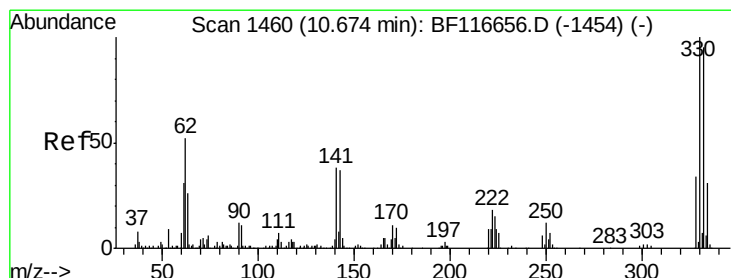
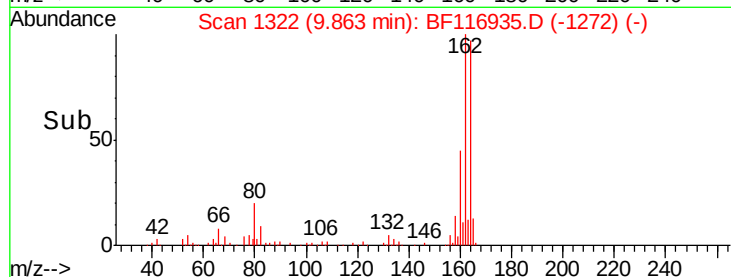
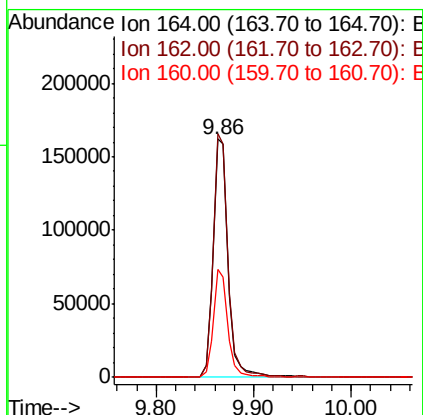
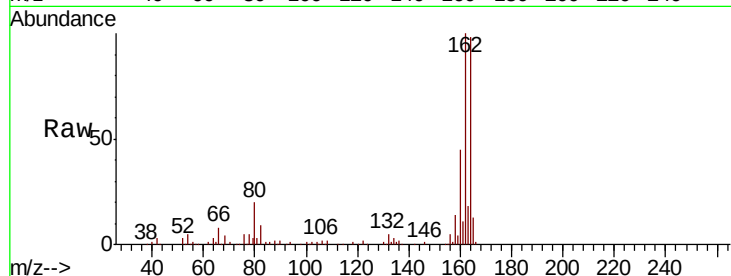




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

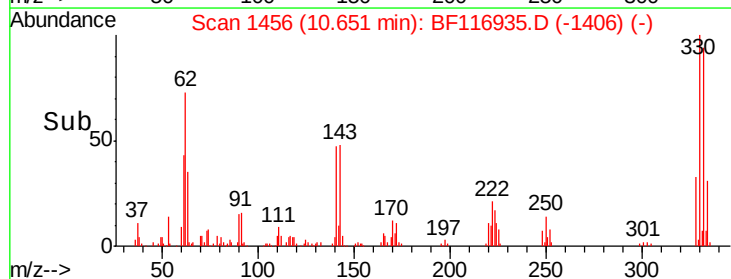
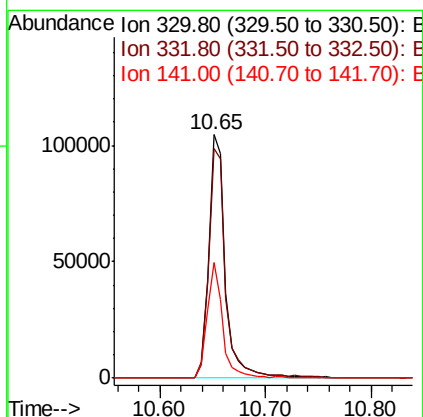
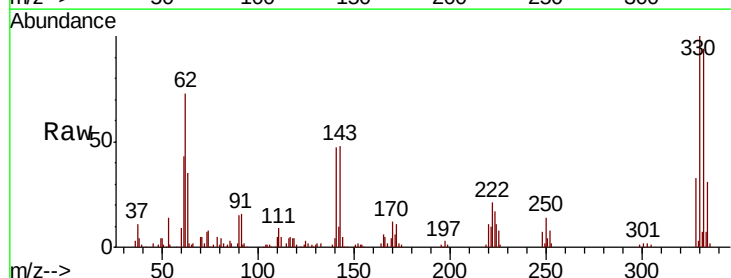
Instrument :
BNA_F
ClientSampleId :

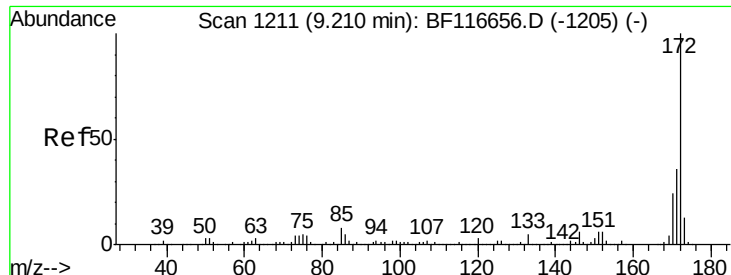
Tot Ion:164 Resp: 172104
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 45.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 100.494 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Tgt Ion:330 Resp: 115623
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 43.4 31.4 47.2

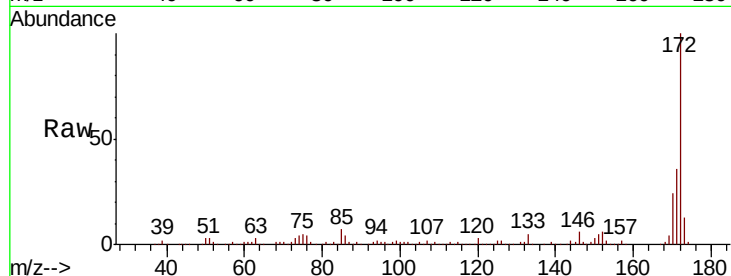




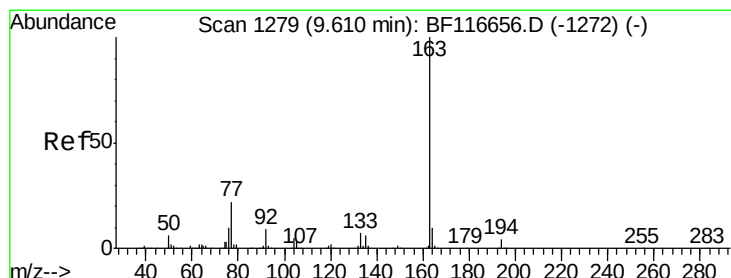
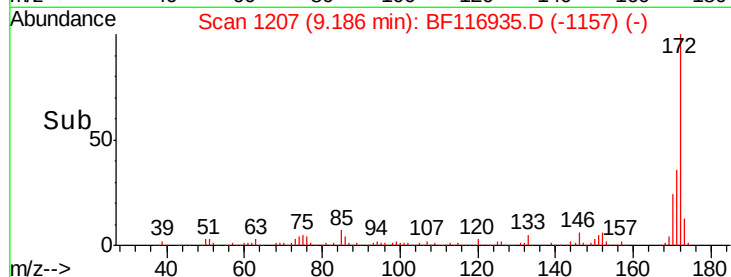
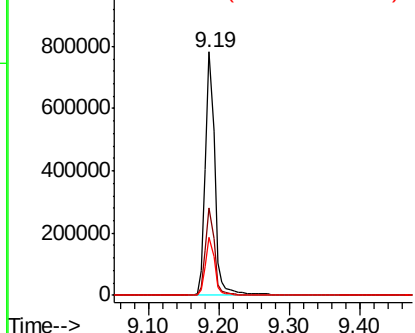
#45
2-Fluorobiphenyl
Concen: 71.634 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 730842
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.6
170 23.7 18.9 28.3

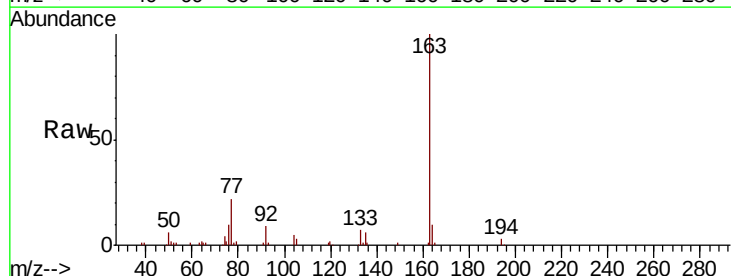


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

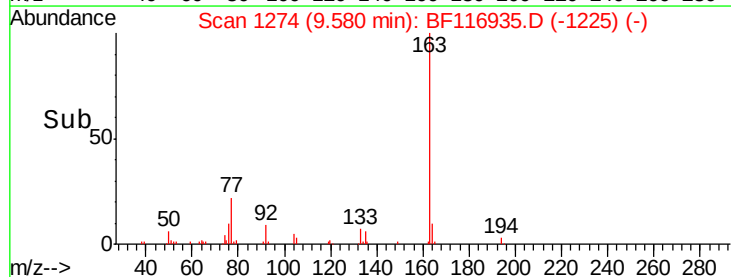
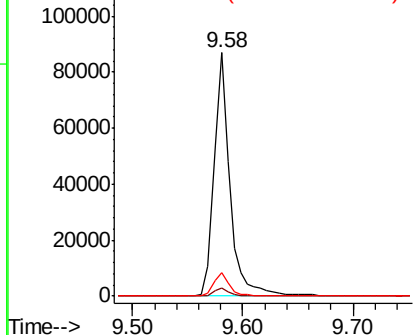


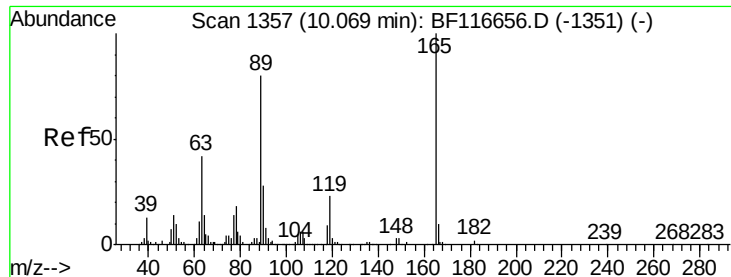
#50
Dimethylphthalate
Concen: 7.266 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Tgt Ion:163 Resp: 86331
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

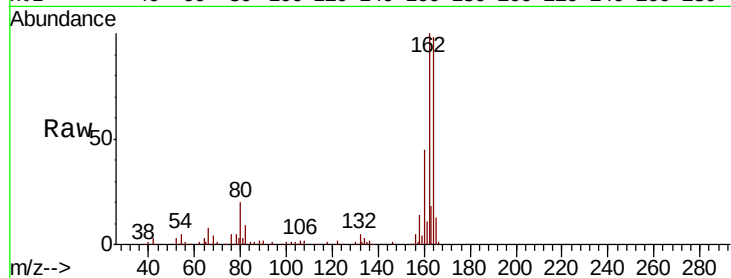




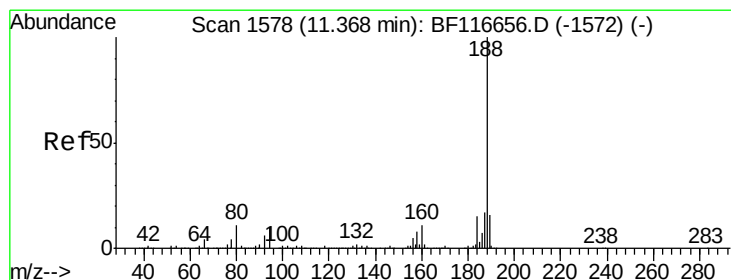
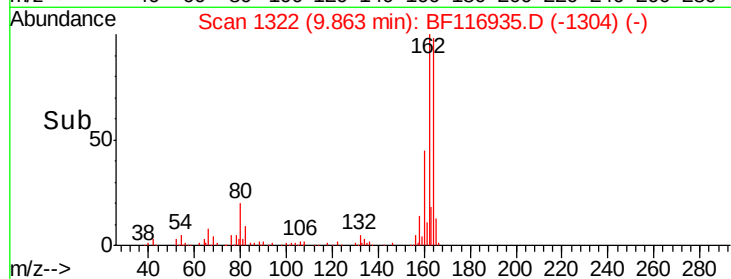
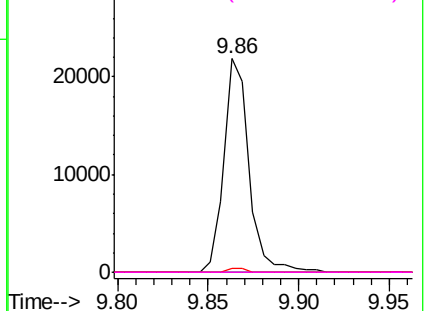
#57
 2,4-Dinitrotoluene
 Concen: 7.658 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.19 min
 Lab File: BF116935.D
 Acq: 10 Sep 2019 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	21229
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	62.6	94.0#
182	0.0	2.1	3.1#

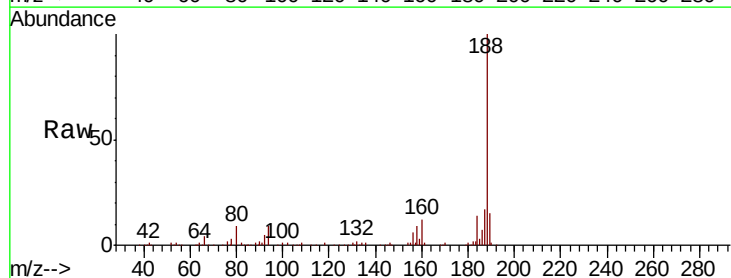


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

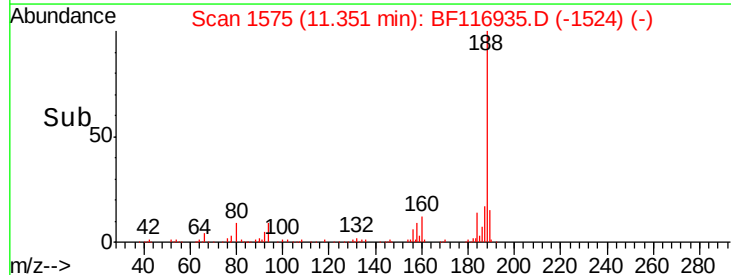
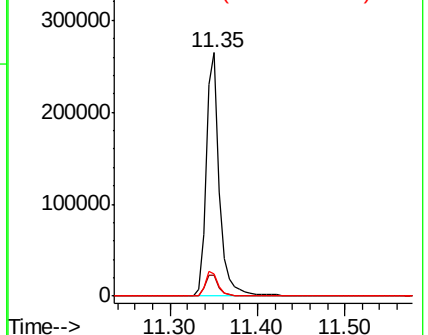


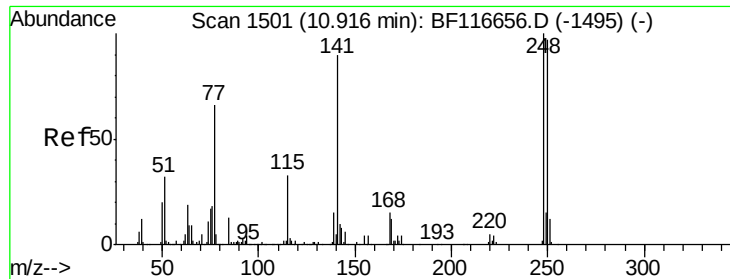
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF116935.D
 Acq: 10 Sep 2019 21:35

Tgt Ion:	188	Resp:	275958
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.3	8.4	12.6



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

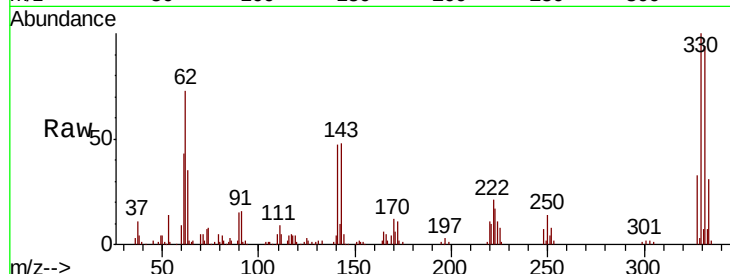




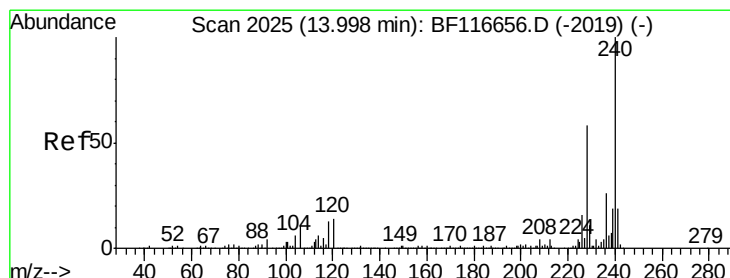
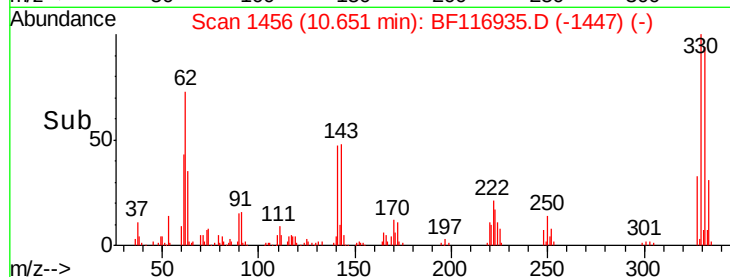
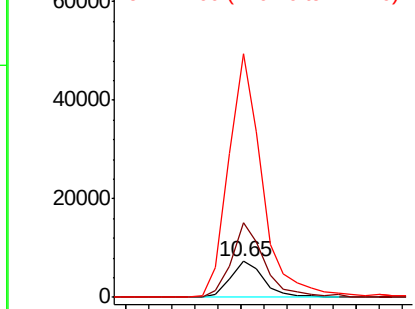
#67
4-Bromophenyl-phenylether
Concen: 2.631 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7376
Ion Ratio Lower Upper
248 100
250 206.2 77.8 116.8#
141 675.5 75.9 113.9#

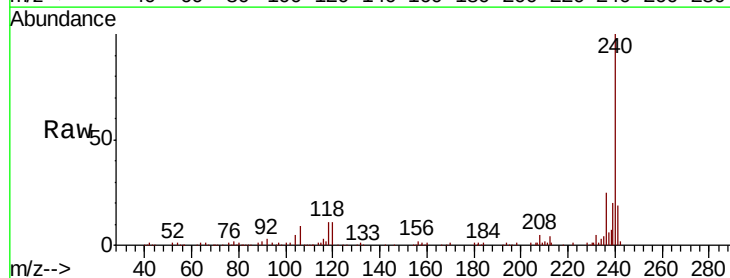


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

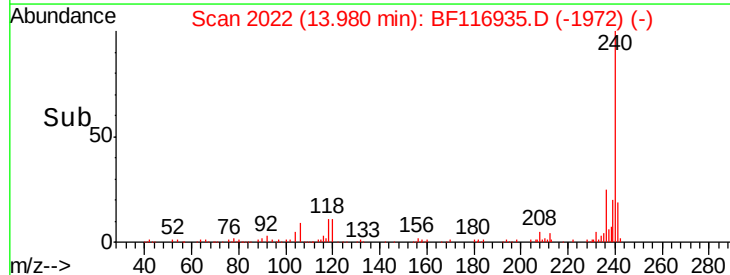
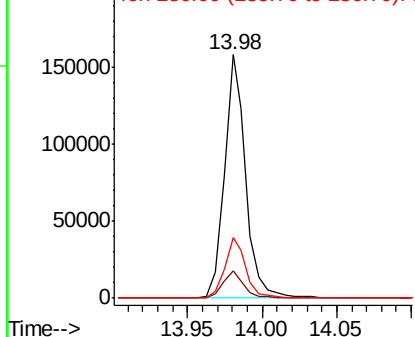


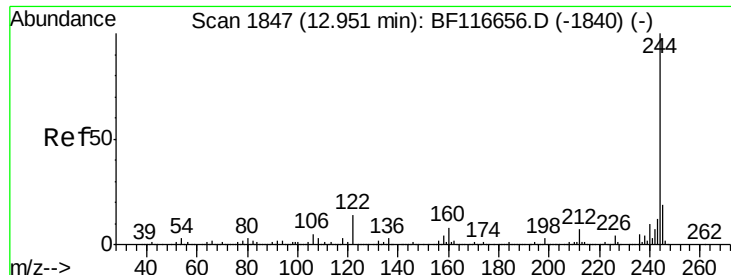
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116935.D
Acq: 10 Sep 2019 21:35

Tgt Ion:240 Resp: 158302
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 24.6 21.1 31.7



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

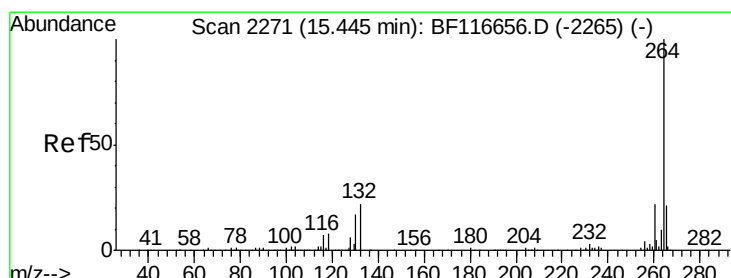
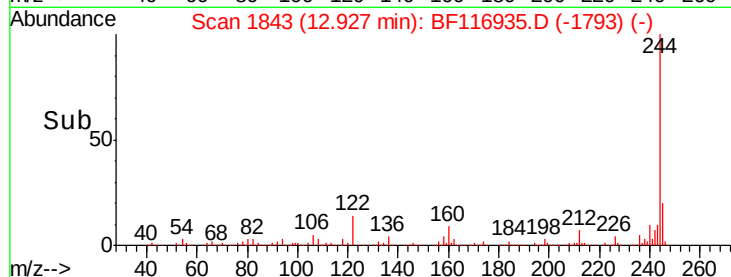
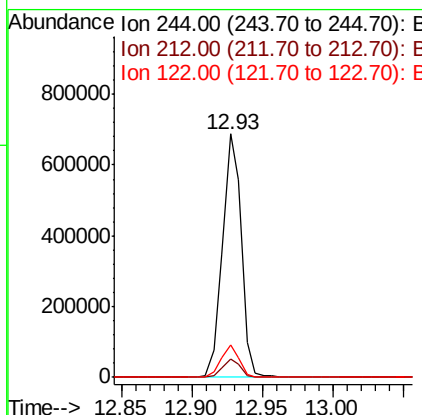
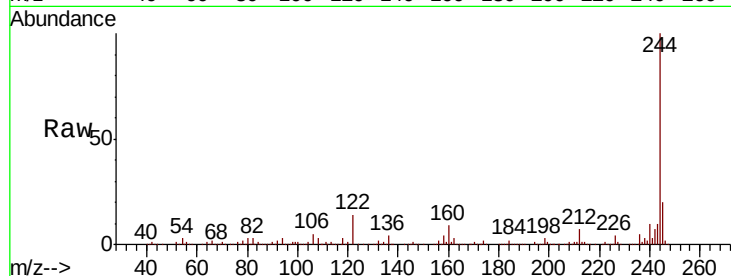




#79
 Terphenyl-d14
 Concen: 74.448 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF116935.D
 Acq: 10 Sep 2019 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 637063
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.6 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116935.D
 Acq: 10 Sep 2019 21:35

Tgt Ion:264 Resp: 165722
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 20.0 16.5 24.7

