

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117124.D
 Acq On : 17 Sep 2019 23:03
 Operator : HP/JU
 Sample : K4924-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:54:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

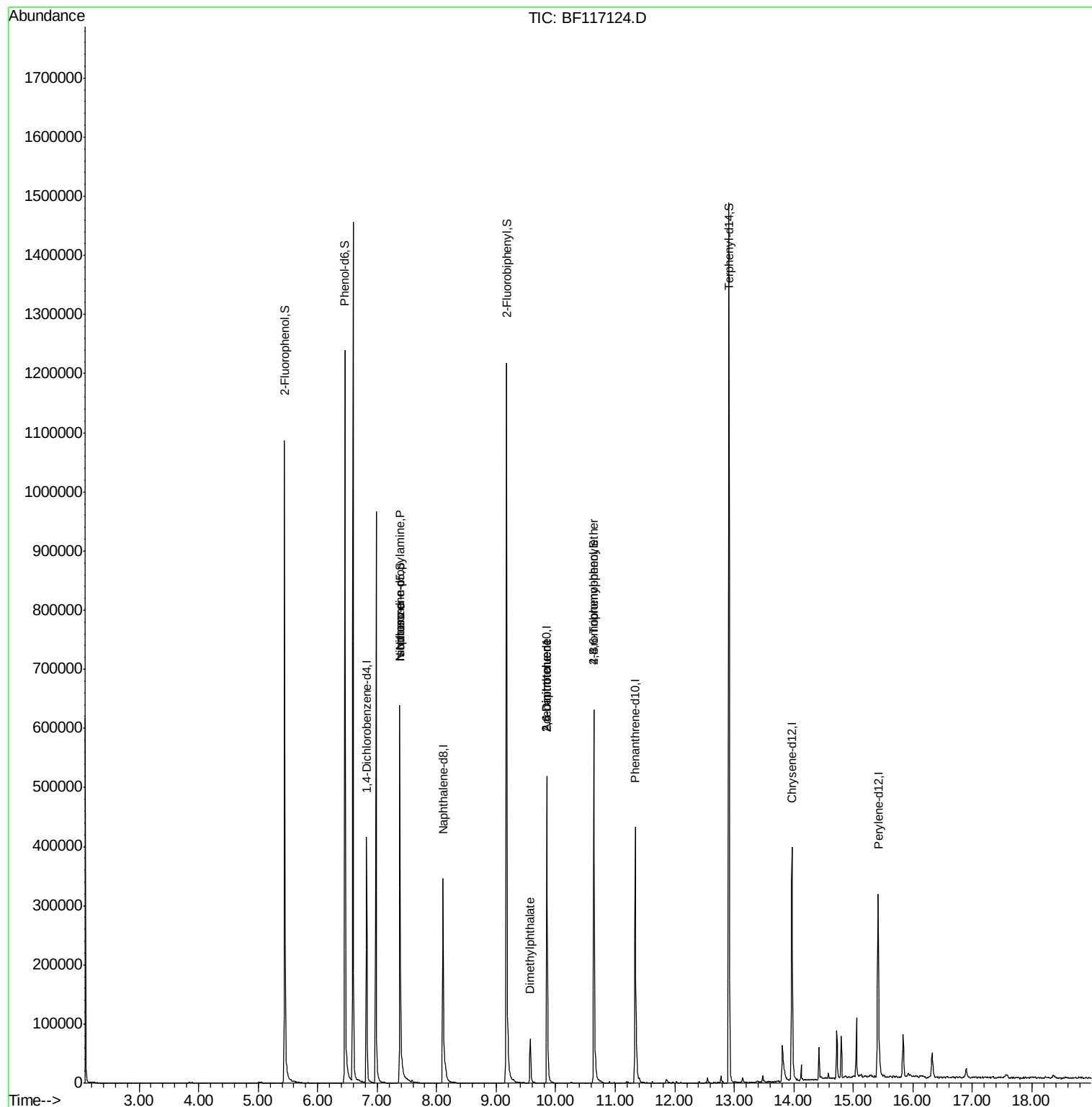
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62703	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	255678	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	132095	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	220872	20.00	ng	0.00
76) Chrysene-d12	13.97	240	160847	20.00	ng	0.00
87) Perylene-d12	15.42	264	140636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	337887	84.13	ng	0.00
7) Phenol-d6	6.46	99	472802	91.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	294978	60.62	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	92564	83.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	498421	59.00	ng	0.00
79) Terphenyl-d14	12.91	244	499164	58.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	584	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	37262	11.790	ng	# 1
25) Isophorone	7.38	82	294976	34.236	ng	# 80
50) Dimethylphthalate	9.57	163	48638	5.200	ng	# 66
51) 2,6-Dinitrotoluene	9.85	165	15979	8.388	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	15979	6.462	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	5951	2.638	ng	# 19
						# 1

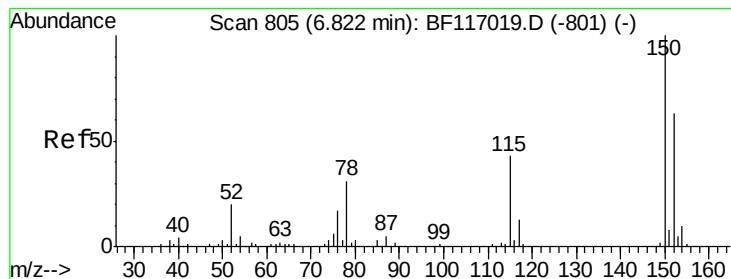
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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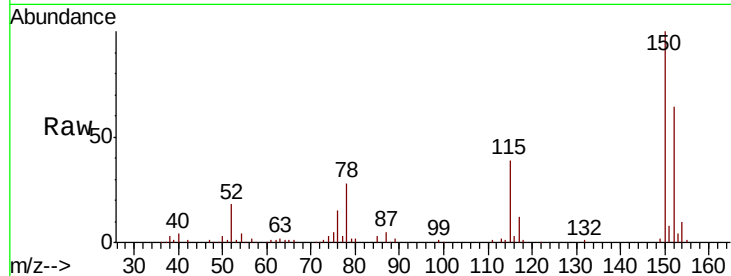


#1

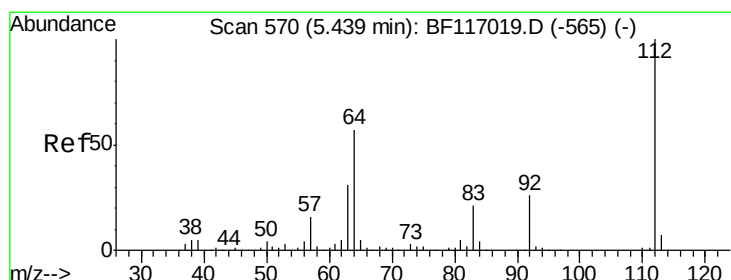
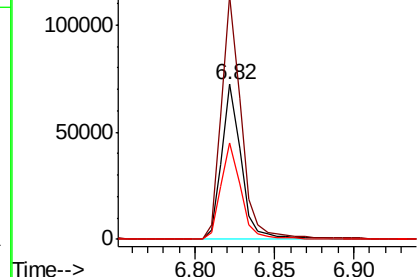
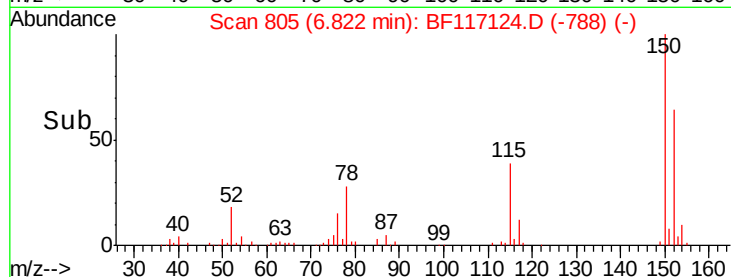
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62703
Ion Ratio Lower Upper
152 100
150 157.2 127.5 191.3
115 61.9 55.0 82.4



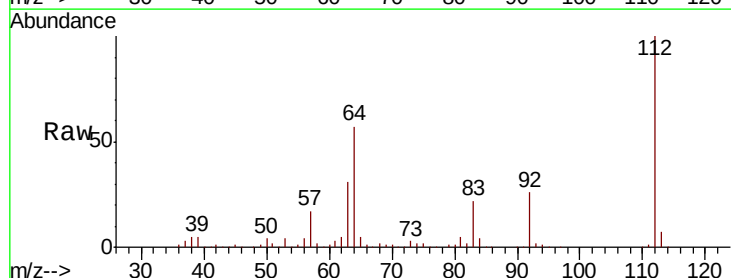
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



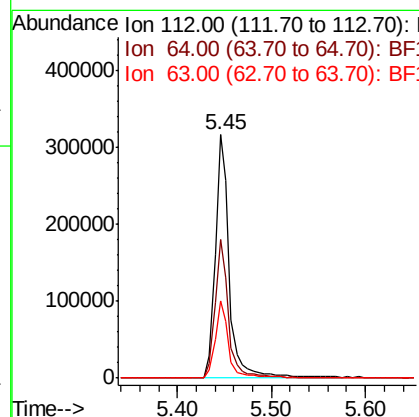
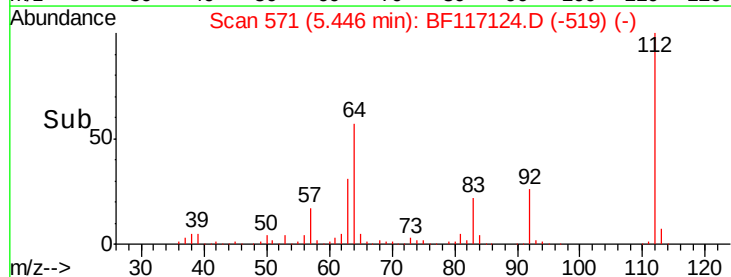
#5

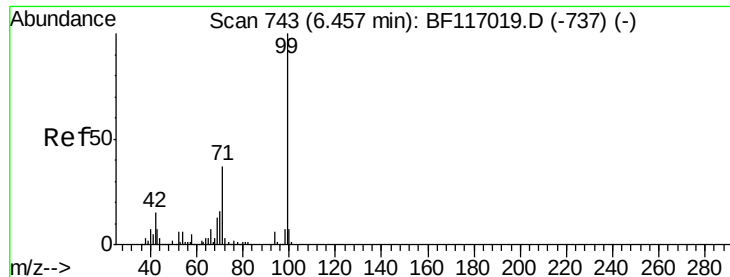
2-Fluorophenol
Concen: 84.131 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Tgt Ion:112 Resp: 337887
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 31.5 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: 91.092 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117124.D

Acq: 17 Sep 2019 23:03

Instrument :

BNA_F

ClientSampleId :

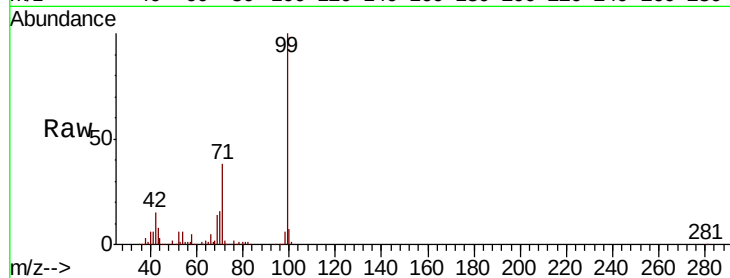
Tot Ion: 99 Resp: 472802

Ion Ratio Lower Upper

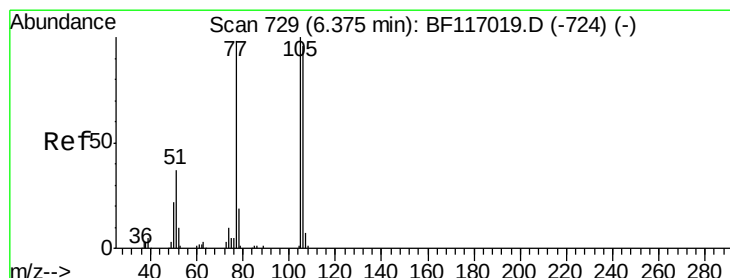
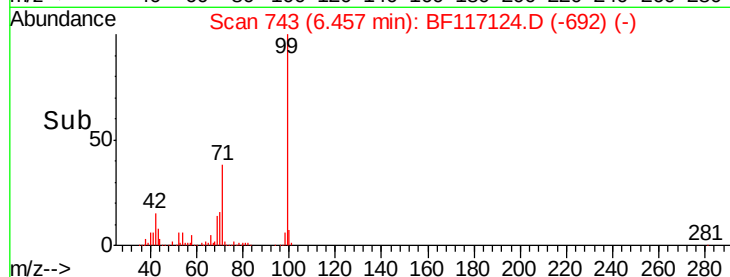
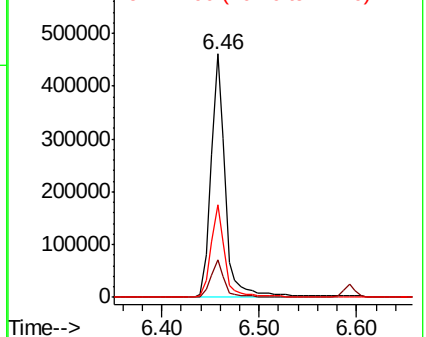
99 100

42 15.3 12.2 18.2

71 38.1 29.8 44.8



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: Below Cal

RT: 6.46 min Scan# 743

Delta R.T. 0.08 min

Lab File: BF117124.D

Acq: 17 Sep 2019 23:03

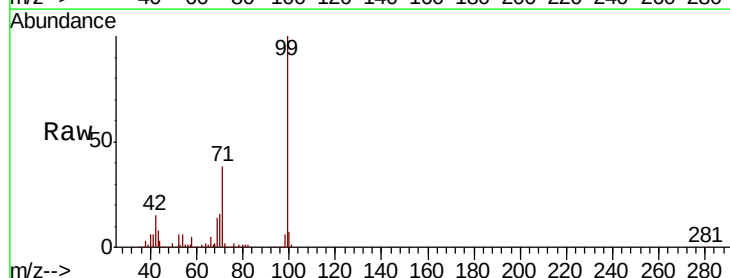
Tgt Ion: 77 Resp: 584

Ion Ratio Lower Upper

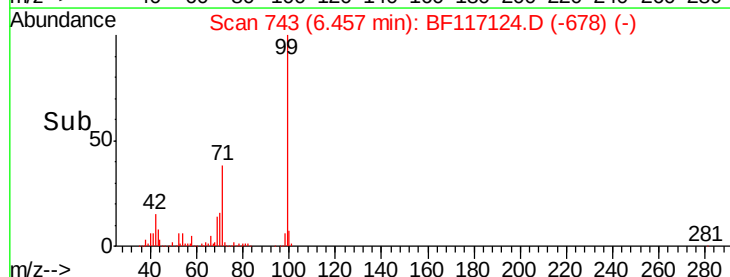
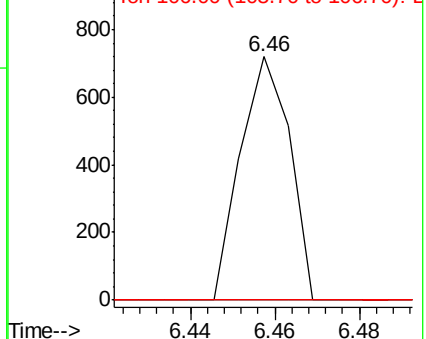
77 100

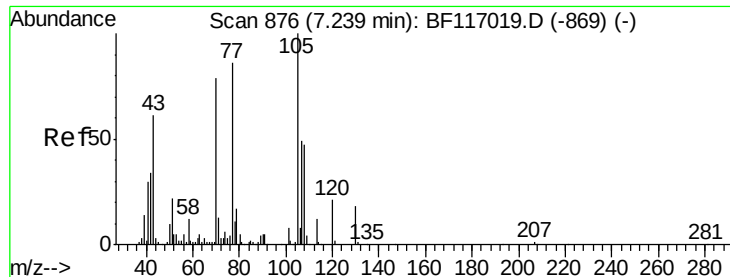
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



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

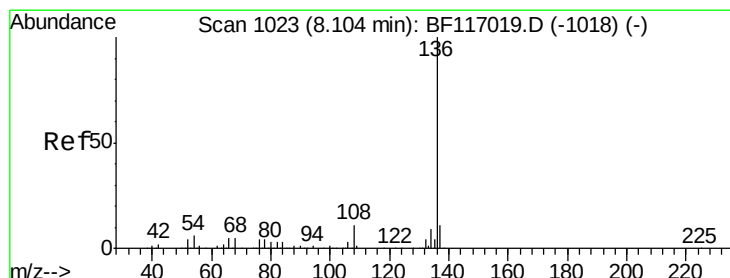
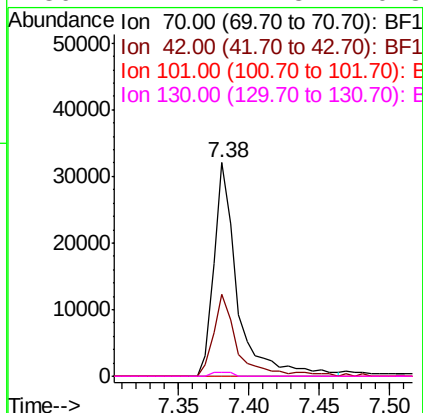
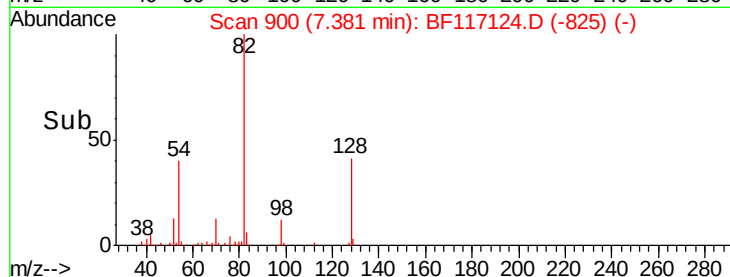
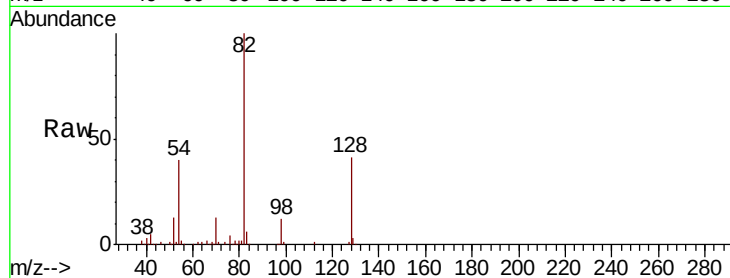




#19
n-Nitroso-di-n-propylamine
Concen: 11.790 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

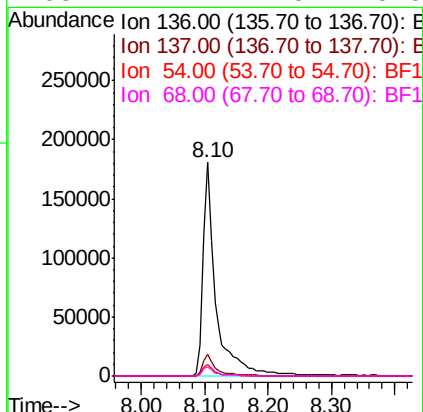
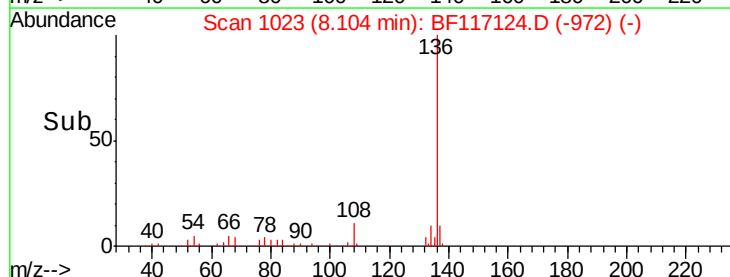
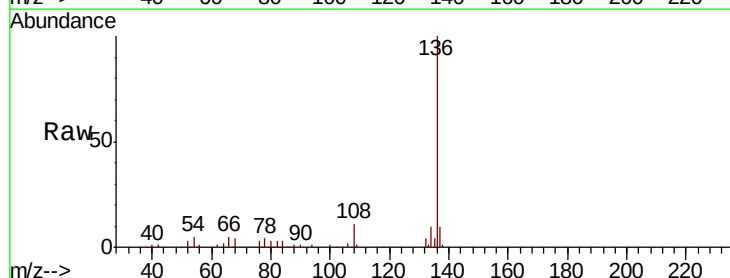
Instrument :
BNA_F
ClientSampled :

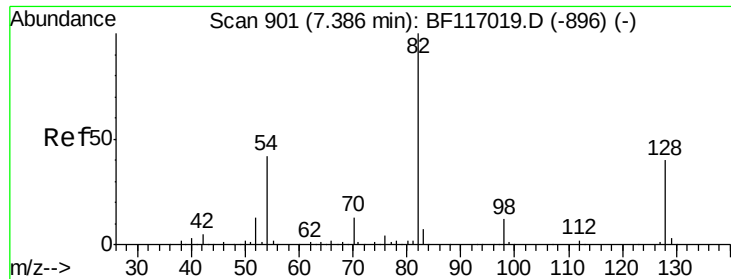
Tot Ion: 70 Resp: 37262
Ion Ratio Lower Upper
70 100
42 38.5 34.0 51.0
101 0.0 7.8 11.6#
130 2.1 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Tgt Ion: 136 Resp: 255678
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 5.1 4.5 6.7
68 4.2 4.0 6.0

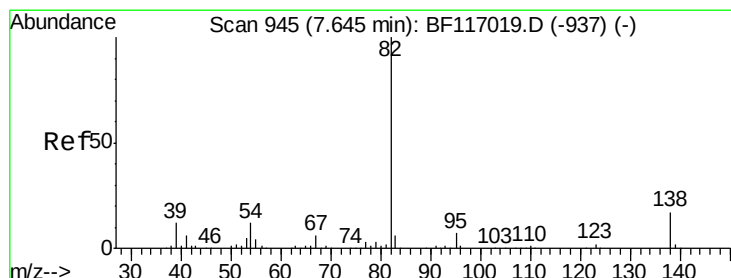
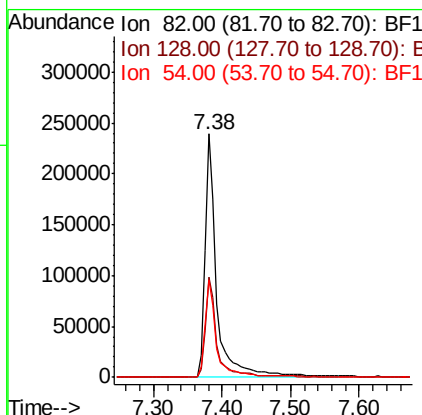
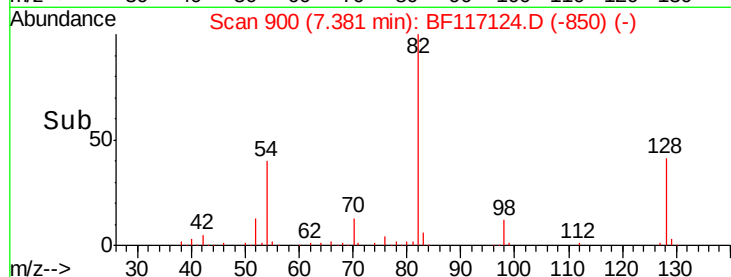
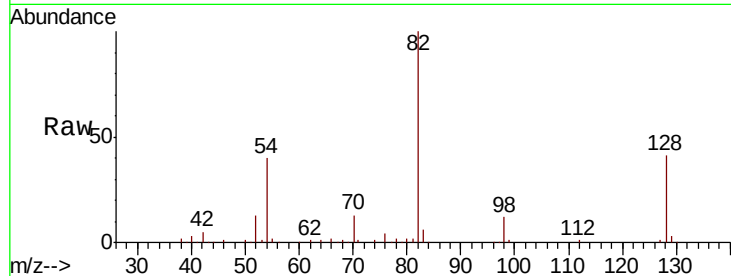




#23
 Nitrobenzene-d5
 Concen: 60.619 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117124.D
 Acq: 17 Sep 2019 23:03

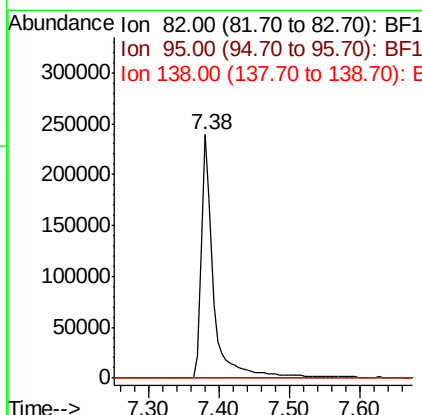
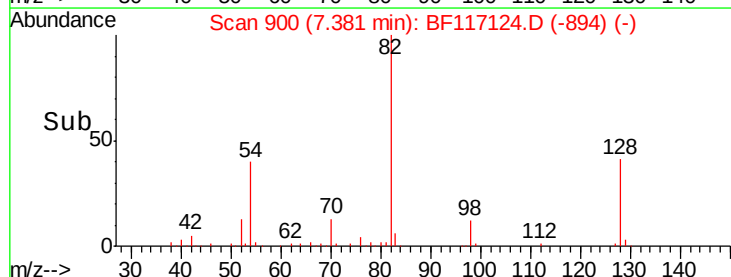
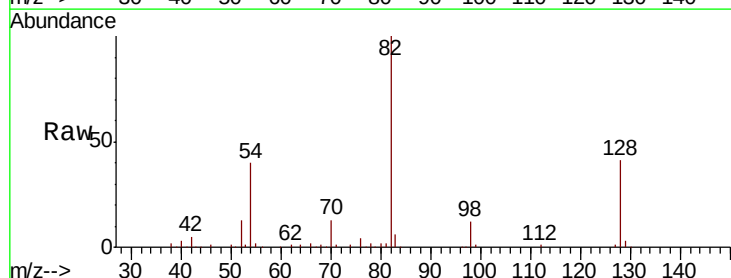
Instrument :
 BNA_F
 ClientSampled :

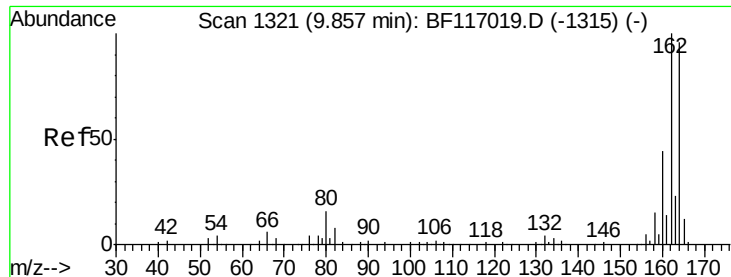
Tot Ion	82	Resp	294978
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.3	48.5
54	40.2	33.3	49.9



#25
 Isophorone
 Concen: 34.236 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117124.D
 Acq: 17 Sep 2019 23:03

Tgt Ion	82	Resp	294976
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

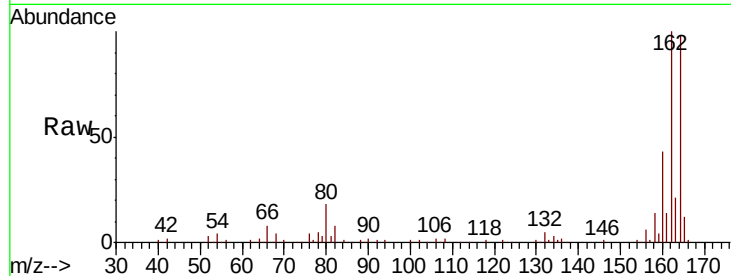




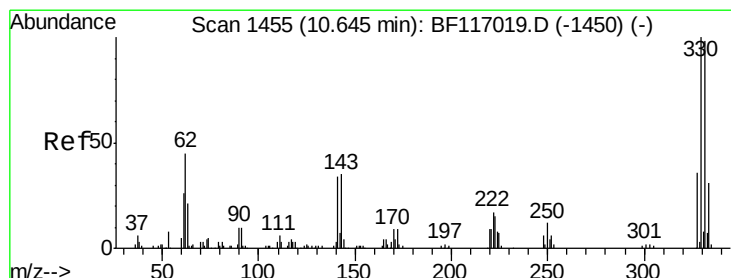
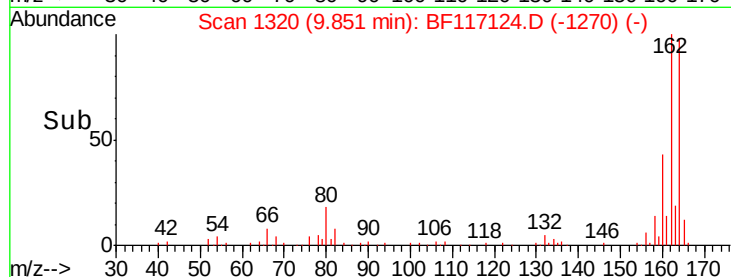
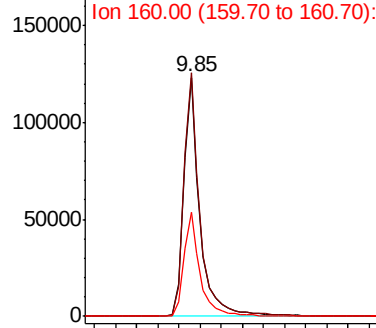
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 132095
Ion Ratio Lower Upper
164 100
162 102.0 83.4 125.2
160 43.6 36.4 54.6

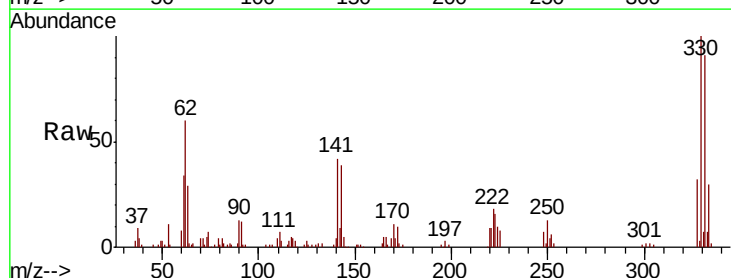


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

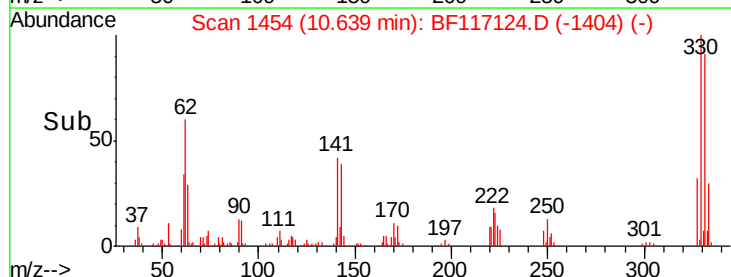
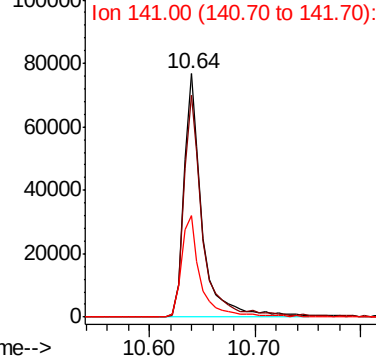


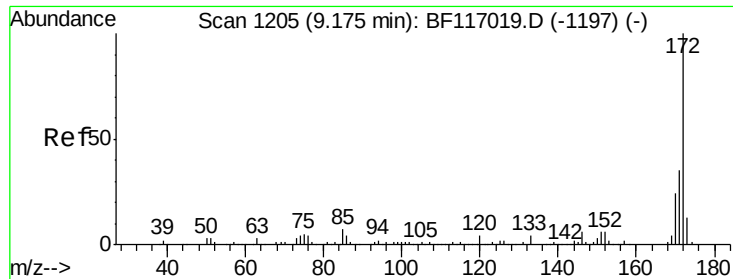
#42
2,4,6-Tribromophenol
Concen: 83.843 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Tgt Ion:330 Resp: 92564
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 44.2 35.8 53.6



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

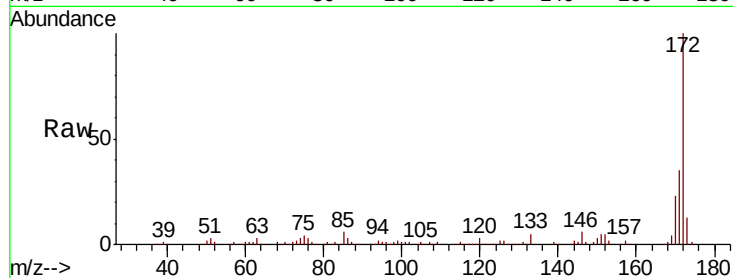




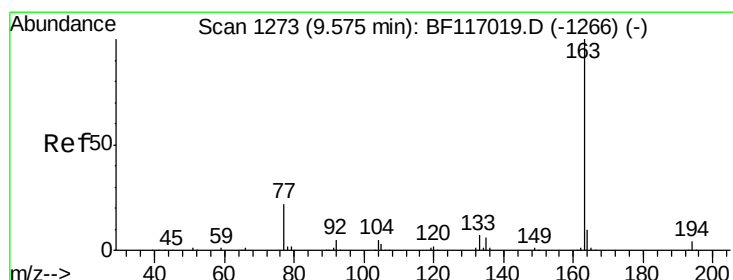
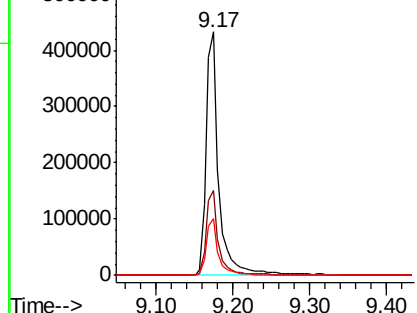
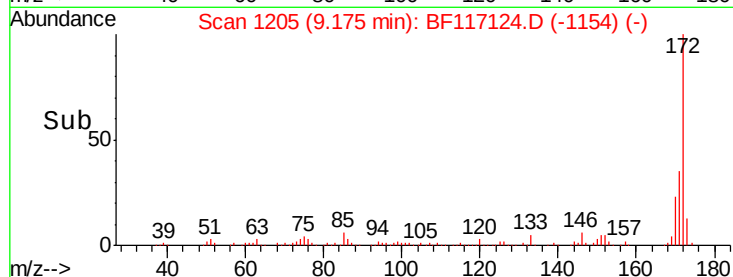
#45
2-Fluorobiphenyl
Concen: 58.997 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 498421
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 18.9 28.3

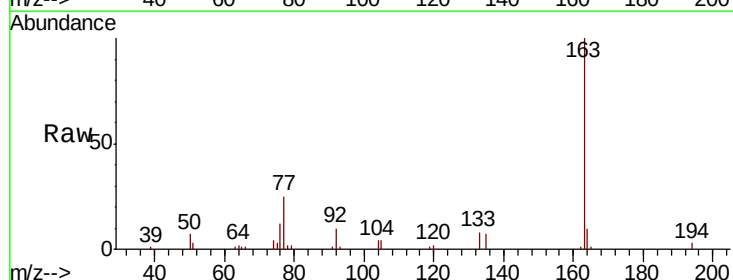


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

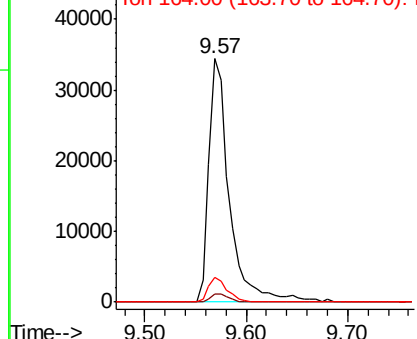
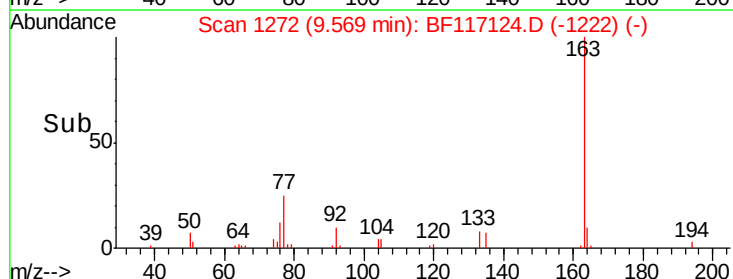


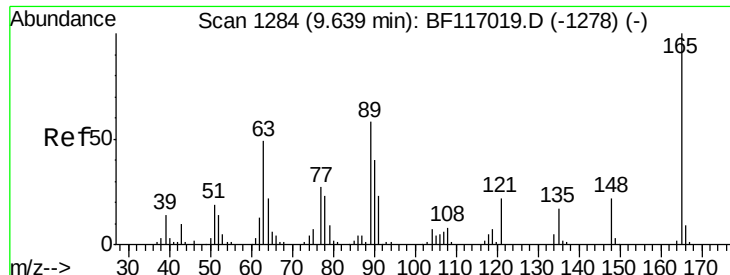
#50
Dimethylphthalate
Concen: 5.200 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Tgt Ion:163 Resp: 48638
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.0 8.2 12.4



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

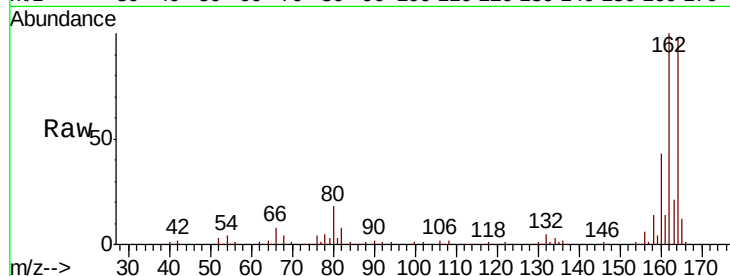




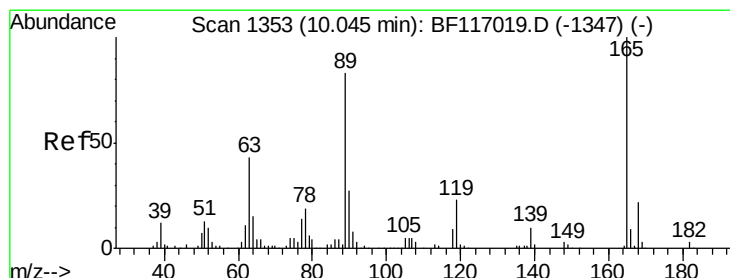
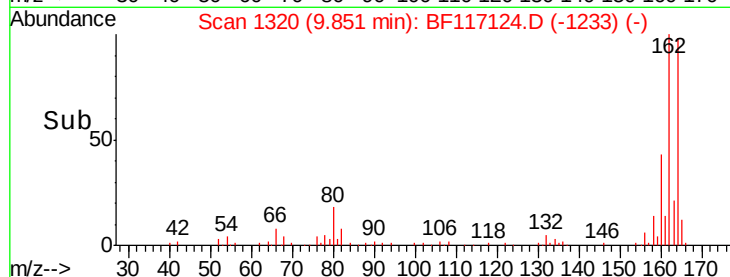
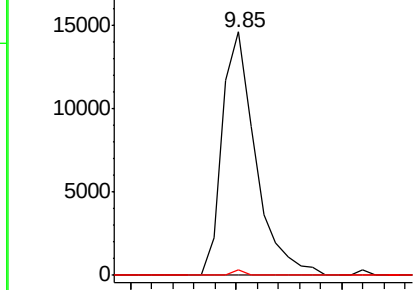
#51
 2,6-Dinitrotoluene
 Concen: 8.388 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117124.D
 Acq: 17 Sep 2019 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	2.1	46.5	69.7#

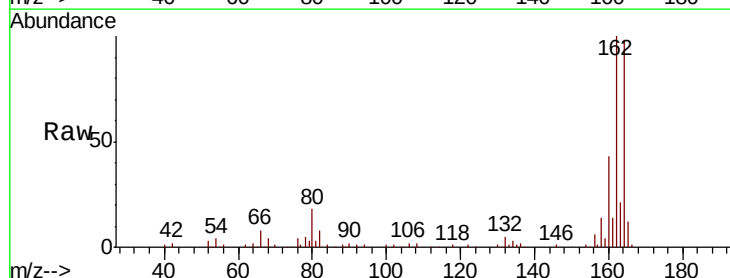


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

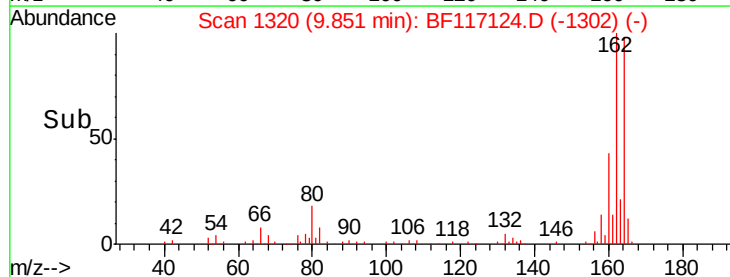
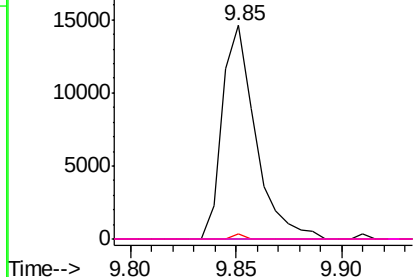


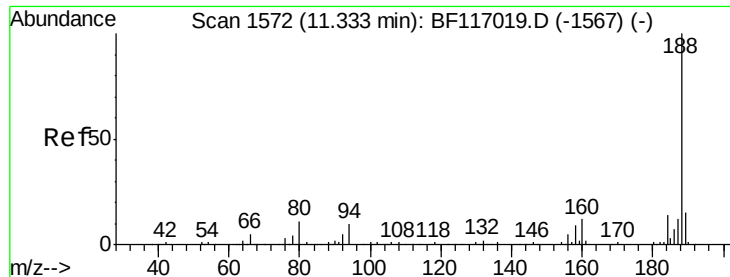
#57
 2,4-Dinitrotoluene
 Concen: 6.462 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117124.D
 Acq: 17 Sep 2019 23:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	2.1	66.1	99.1#
182	0.0	2.0	3.0#



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

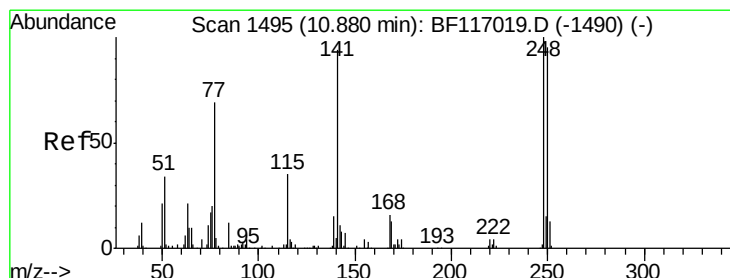
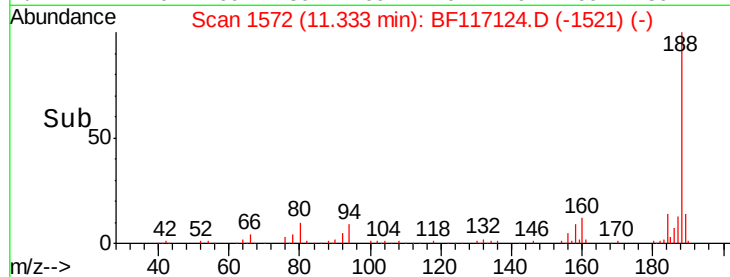
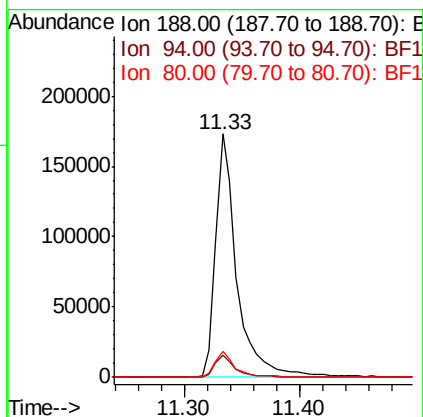
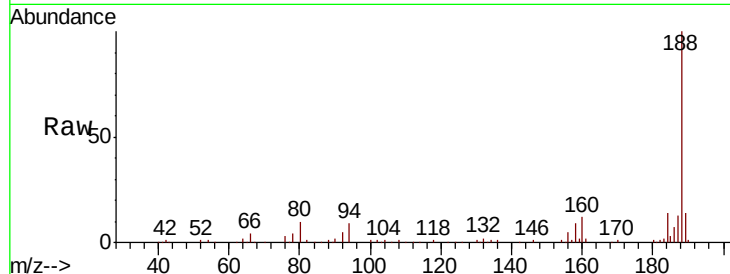




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117124.D
 Acq: 17 Sep 2019 23:03

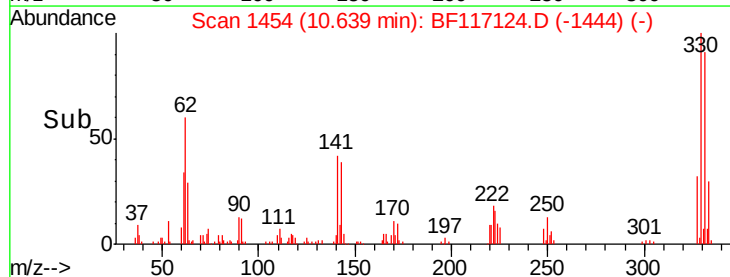
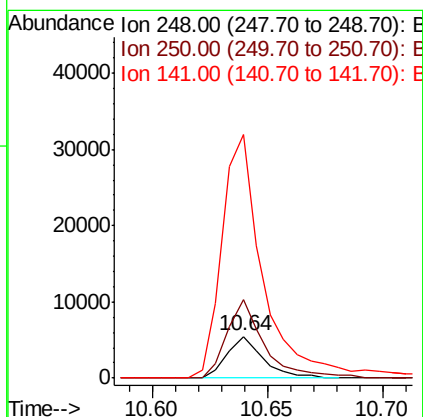
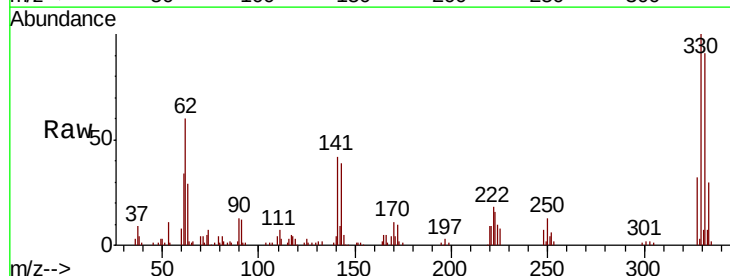
Instrument :
 BNA_F
 ClientSampleId :

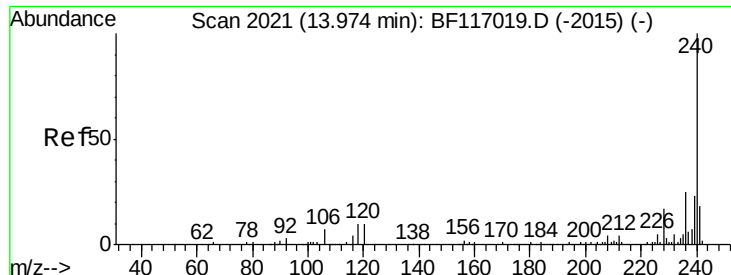
Tot Ion:188 Resp: 220872
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.2 12.2
 80 10.5 9.0 13.6



#67
 4-Bromophenyl-phenylether
 Concen: 2.638 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117124.D
 Acq: 17 Sep 2019 23:03

Tgt Ion:248 Resp: 5951
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.2 114.4#
 141 585.5 75.0 112.4#

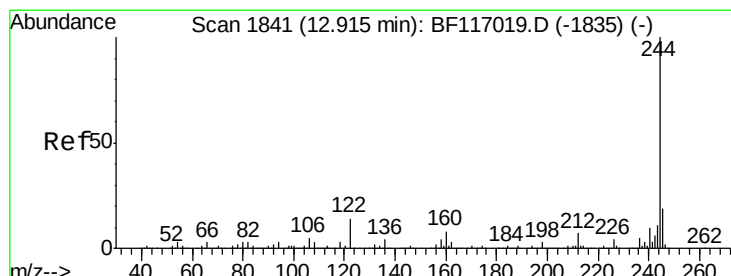
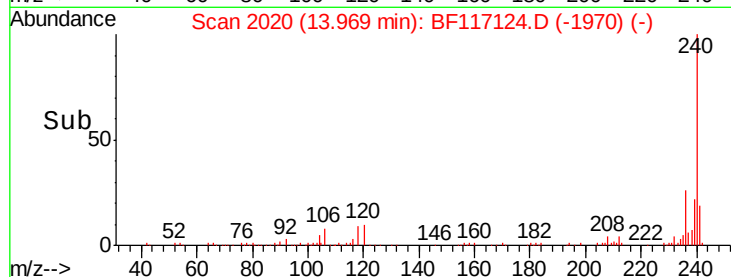
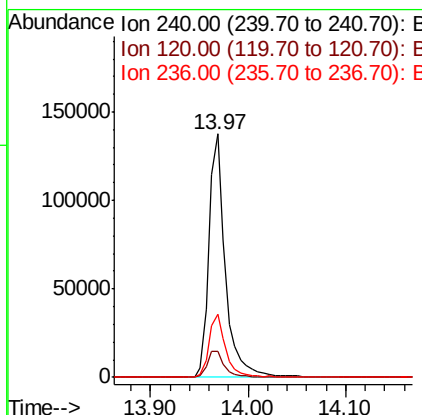
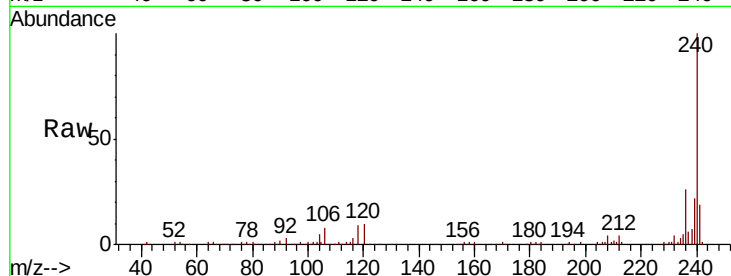




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

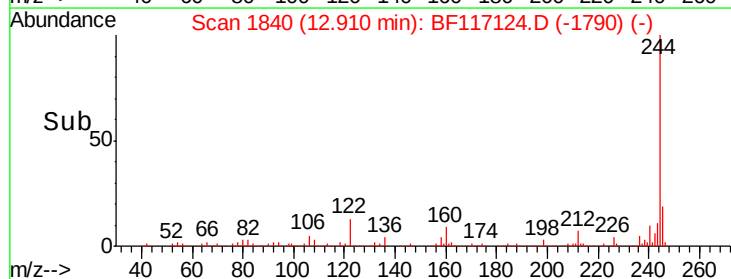
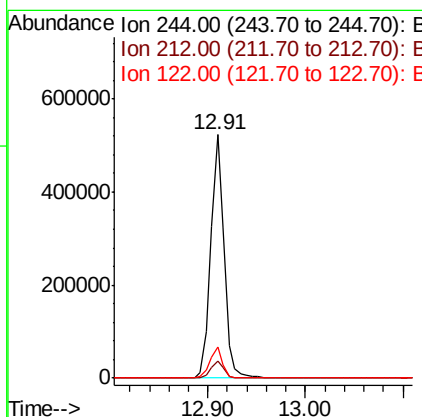
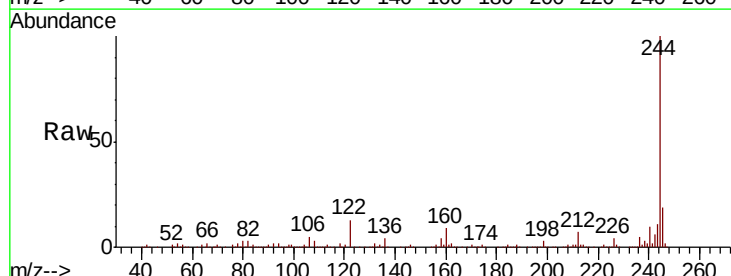
Instrument :
BNA_F
ClientSampleId :

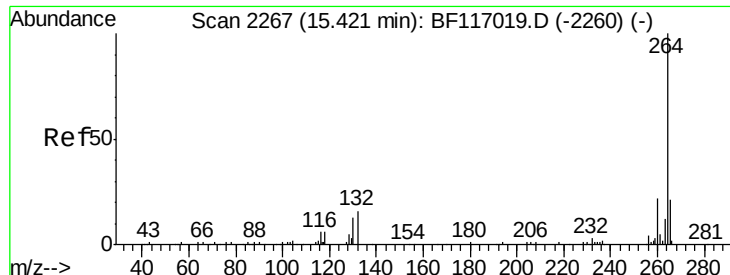
Tot Ion:240 Resp: 160847
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 58.008 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Tgt Ion:244 Resp: 499164
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 12.7 11.3 16.9

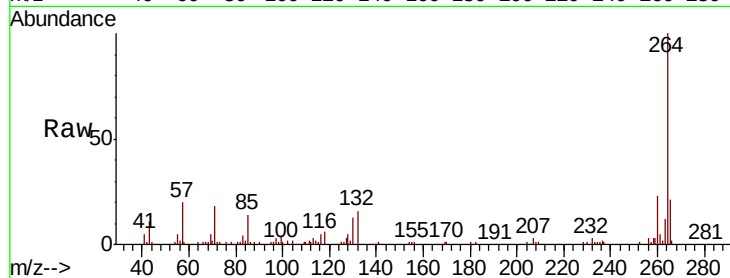




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117124.D
Acq: 17 Sep 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	20.8	16.6	24.8



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

