

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116953.D
 Acq On : 11 Sep 2019 18:27
 Operator : HP/JU
 Sample : K4786-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Sep 12 07:16:56 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

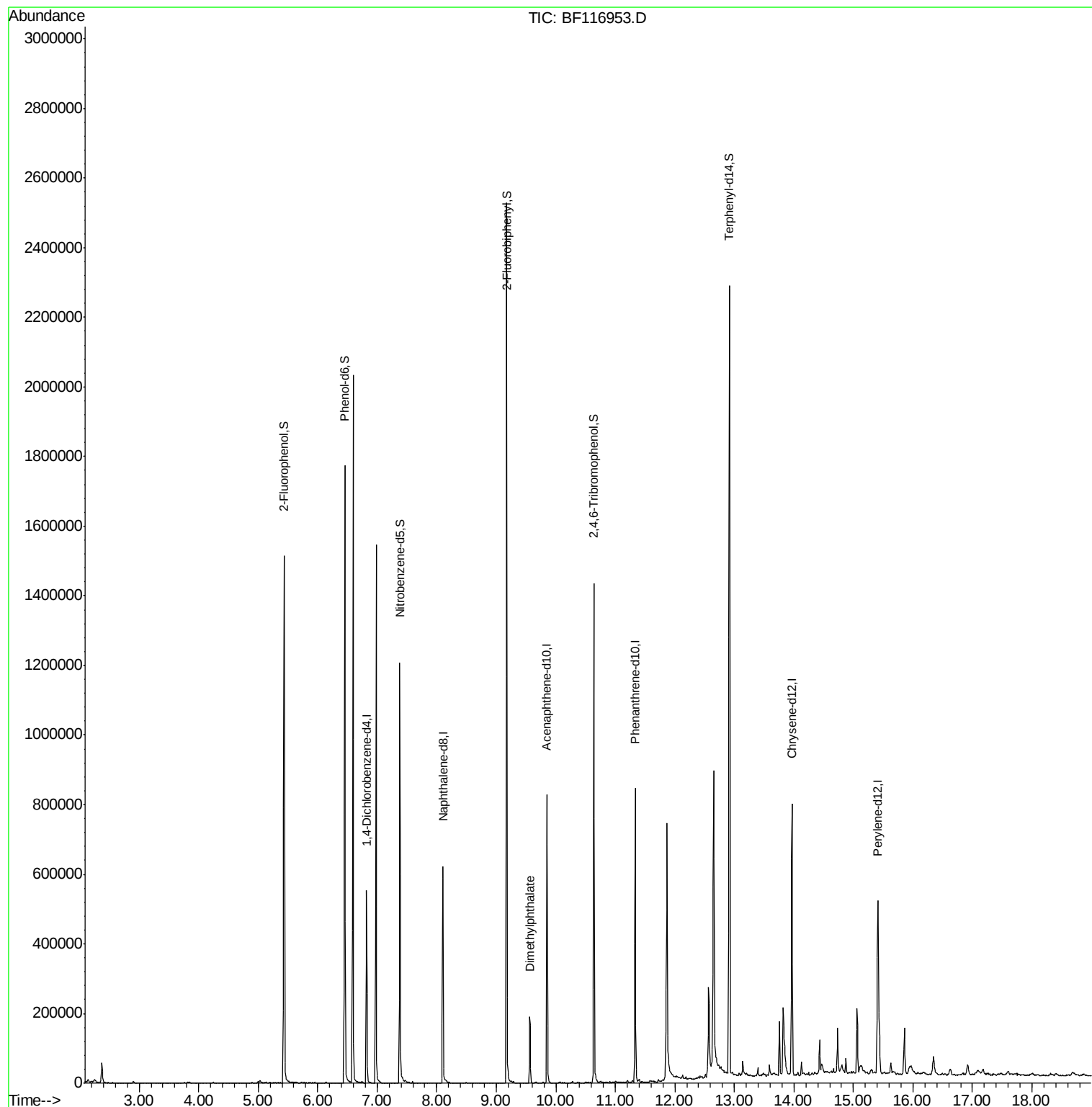
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79134	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	317755	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	171134	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	293453	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	242015	20.00	ng	-0.02
87) Perylene-d12	15.41	264	237731	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	474008	97.04	ng	-0.01
7) Phenol-d6	6.46	99	646330	100.77	ng	-0.02
23) Nitrobenzene-d5	7.38	82	401332	72.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	147227	128.69	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	750301	73.96	ng	-0.02
79) Terphenyl-d14	12.92	244	813653	62.19	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	78853	6.674	ng	Qvalue 99

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

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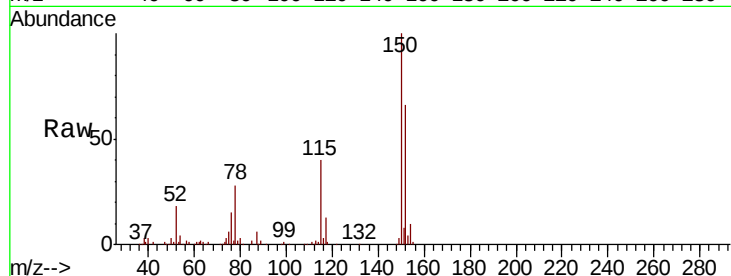


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
TP1

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.4	186.6
115	61.1	49.9	74.9

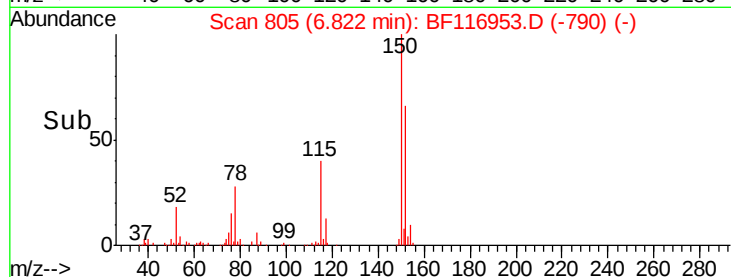
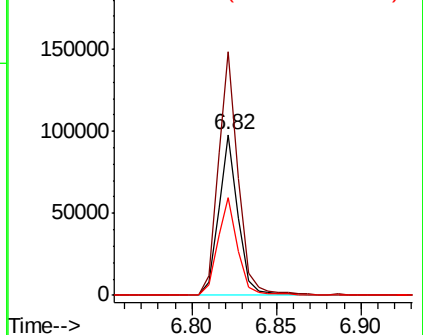


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

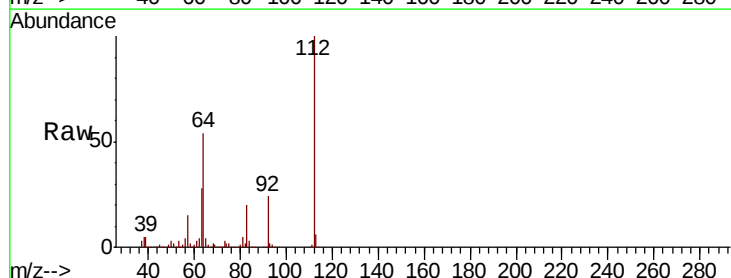
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.040 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.1	70.7
63	28.3	24.9	37.3

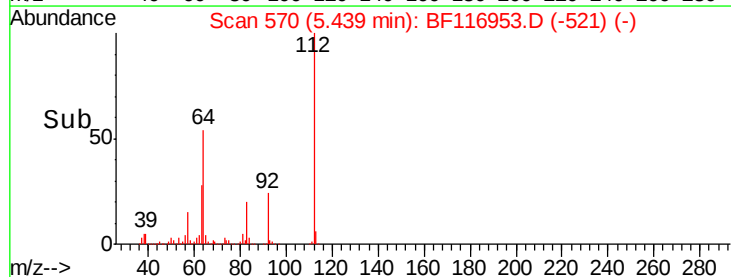
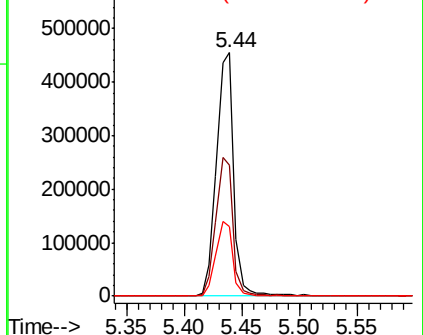


Abundance

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: 100.767 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116953.D

Acq: 11 Sep 2019 18:27

Instrument :

BNA_F

ClientSampleId :

TP1

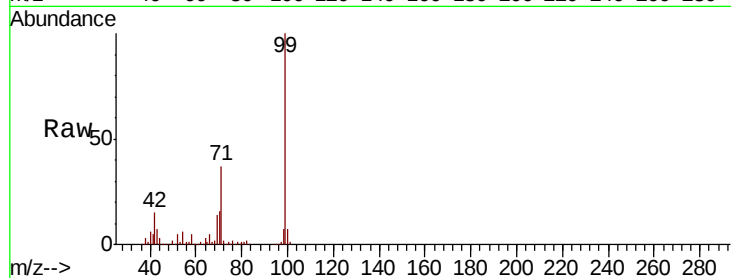
Tot Ion: 99 Resp: 646330

Ion Ratio Lower Upper

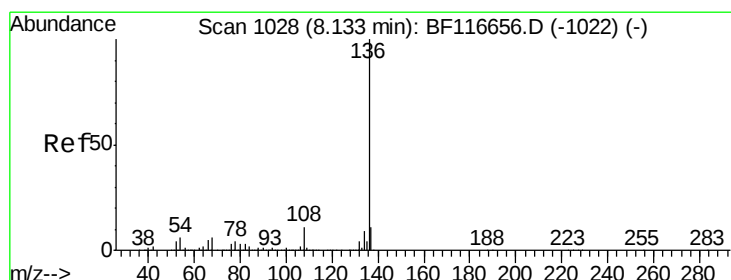
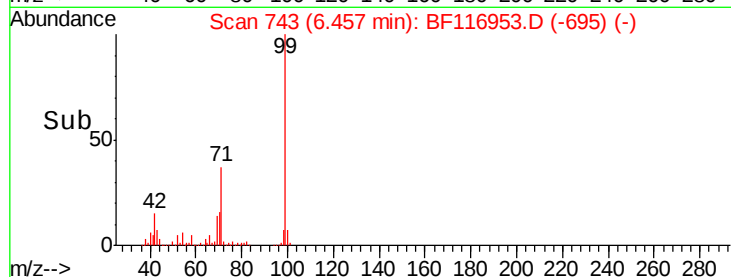
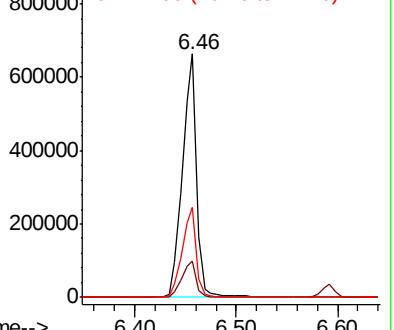
99 100

42 14.9 13.7 20.5

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116953.D

Acq: 11 Sep 2019 18:27

Tgt Ion: 136 Resp: 317755

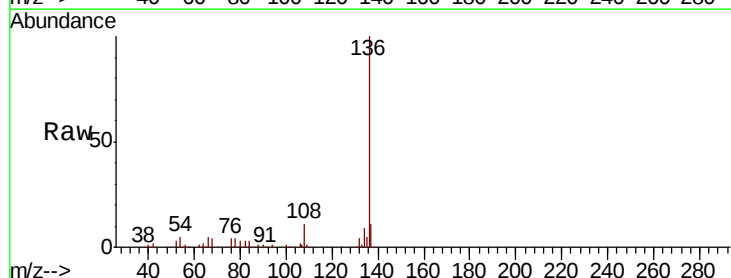
Ion Ratio Lower Upper

136 100

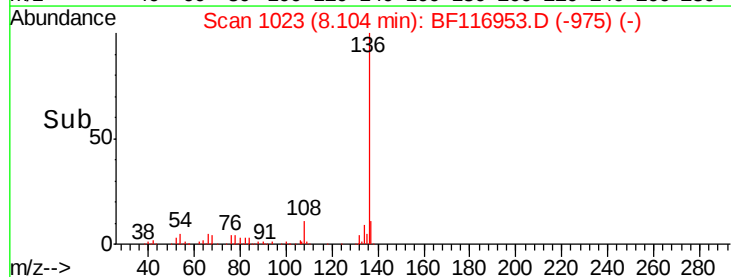
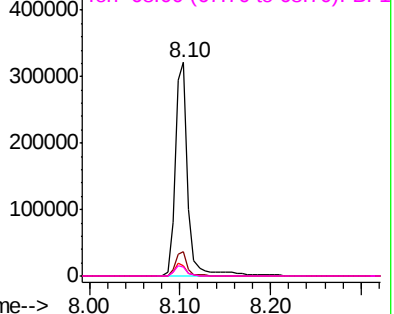
137 11.2 8.9 13.3

54 5.0 4.8 7.2

68 4.5 4.0 6.0



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

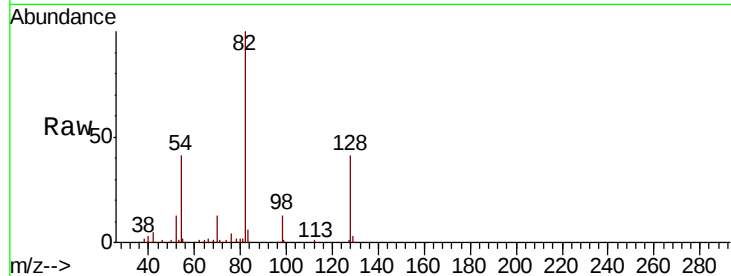




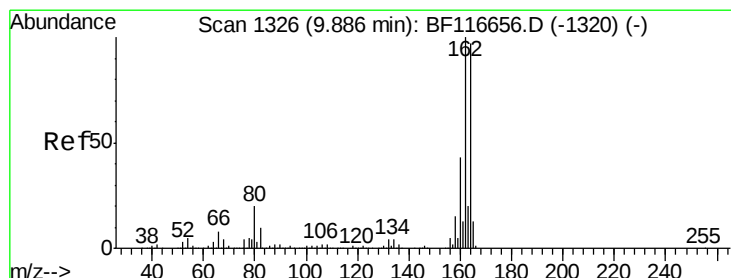
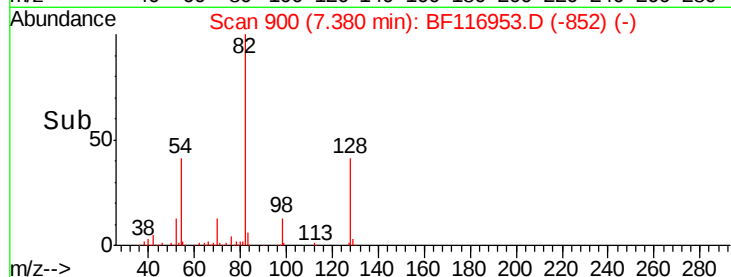
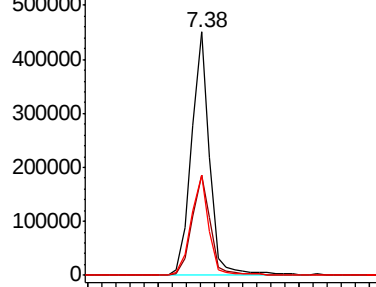
#23
Nitrobenzene-d5
Concen: 72.103 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
TP1

Tot Ion	82	Resp	401332
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.8	49.2
54	41.3	36.9	55.3

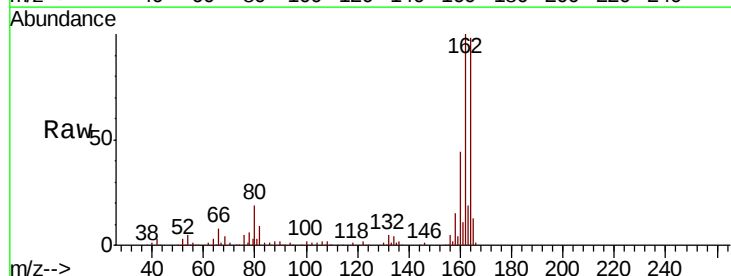


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

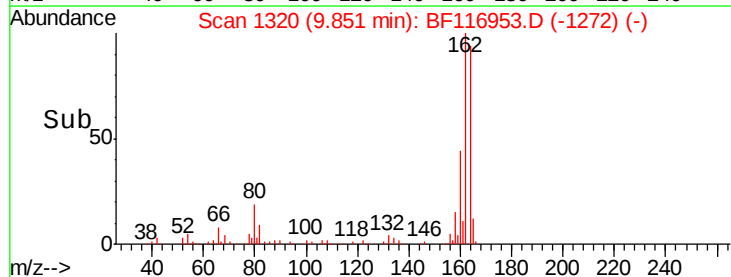
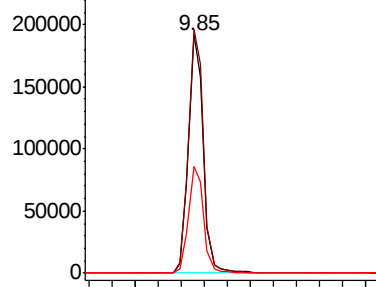


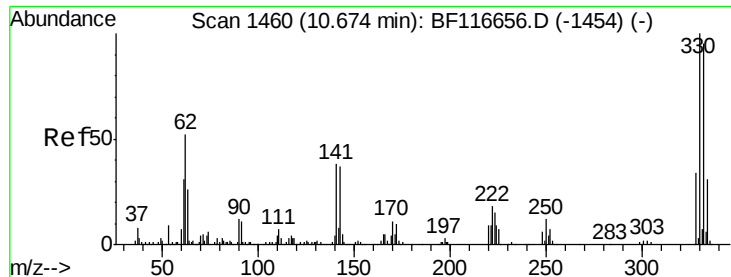
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion	164	Resp	171134
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.4	122.0
160	45.0	35.4	53.2



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

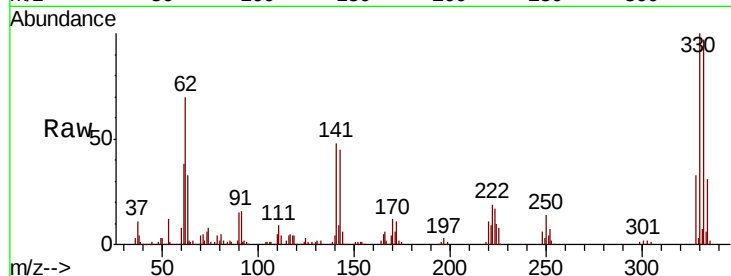




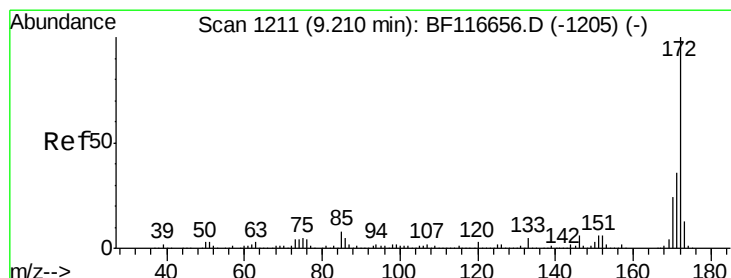
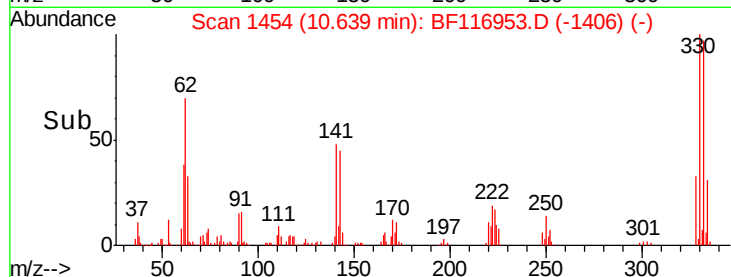
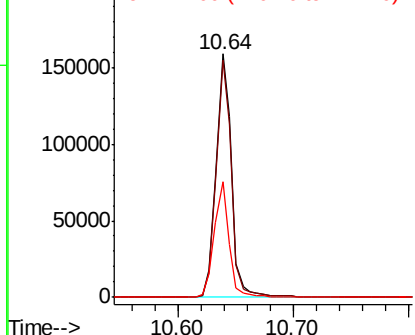
#42
 2,4,6-Tribromophenol
 Concen: 128.687 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116953.D
 Acq: 11 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	45.7	31.4	47.2

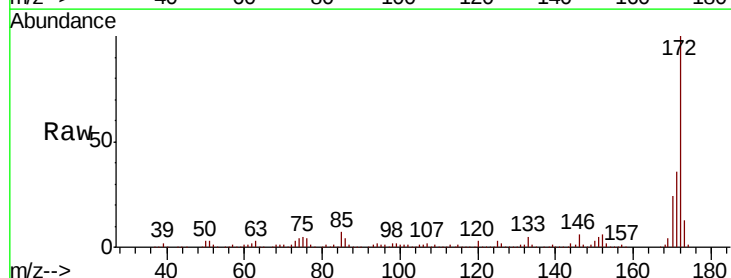


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

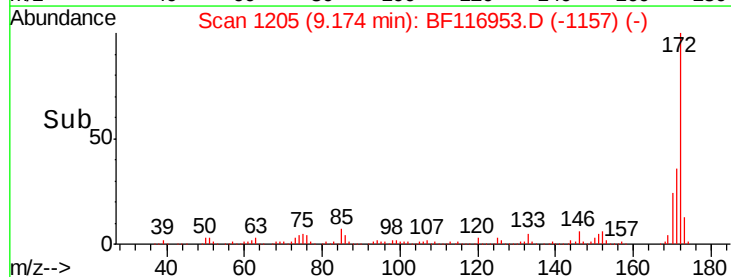
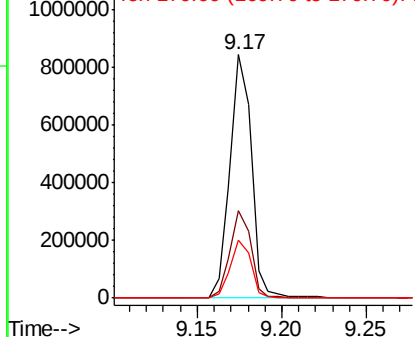


#45
 2-Fluorobiphenyl
 Concen: 73.958 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116953.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	23.8	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

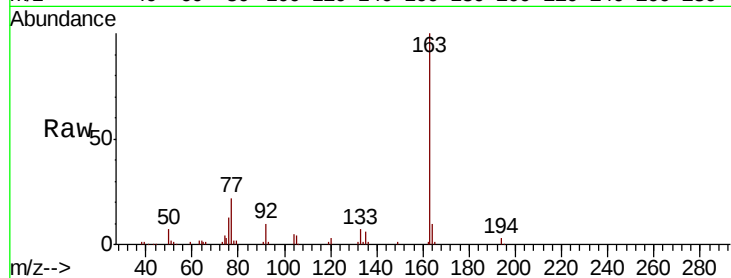




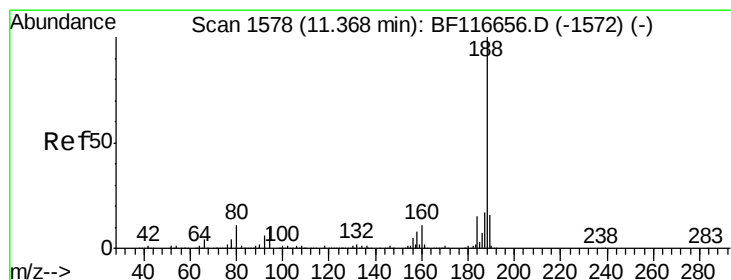
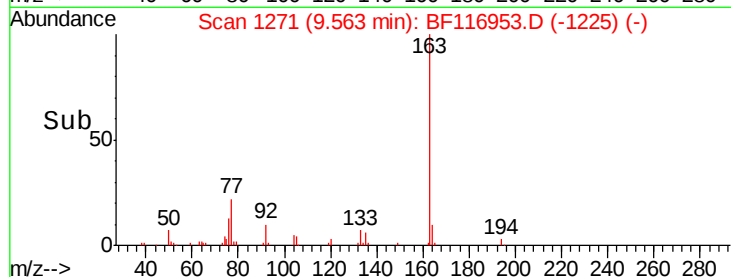
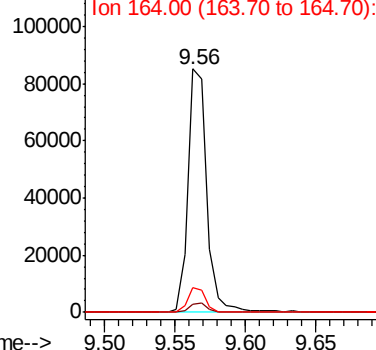
#50
Dimethylphthalate
Concen: 6.674 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
TP1

Tot Ion:163 Resp: 78853
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.1 8.6 12.8

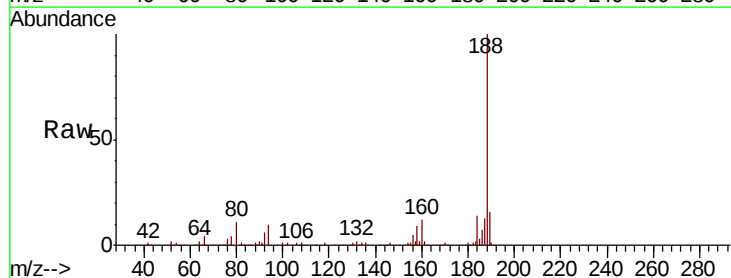


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

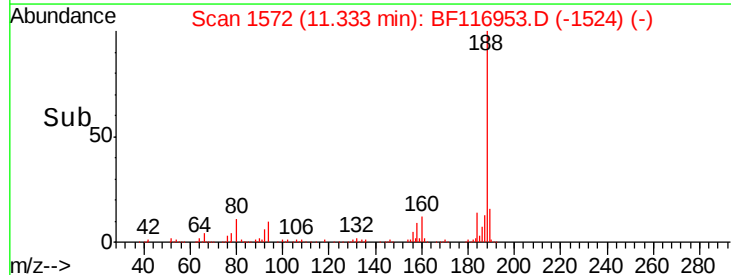
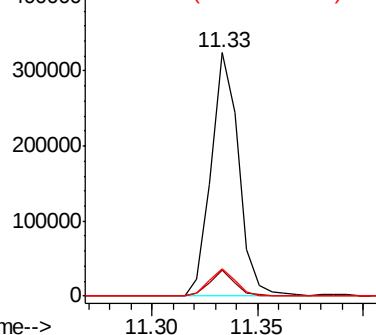


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:188 Resp: 293453
Ion Ratio Lower Upper
188 100
94 10.5 7.3 10.9
80 11.2 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

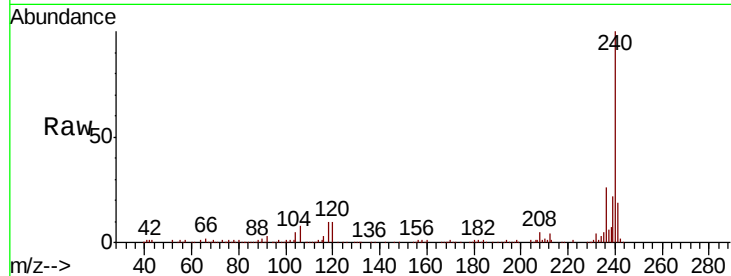




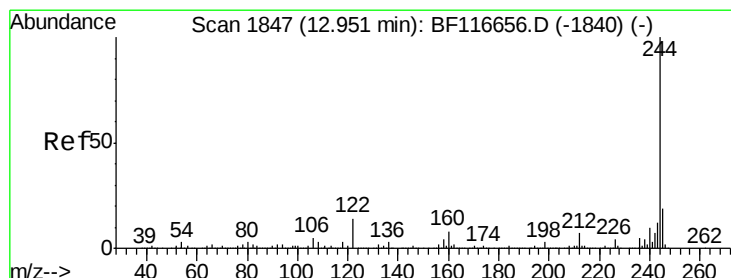
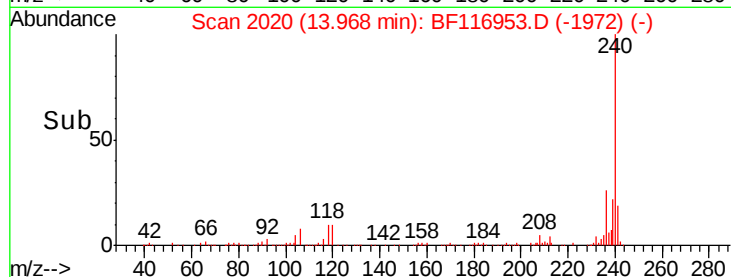
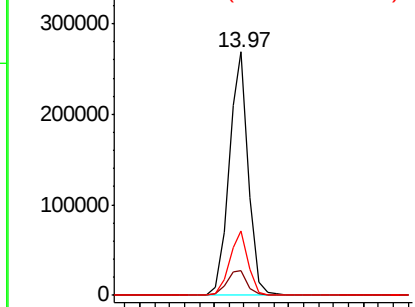
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
TP1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.1	13.7
236	26.2	21.1	31.7

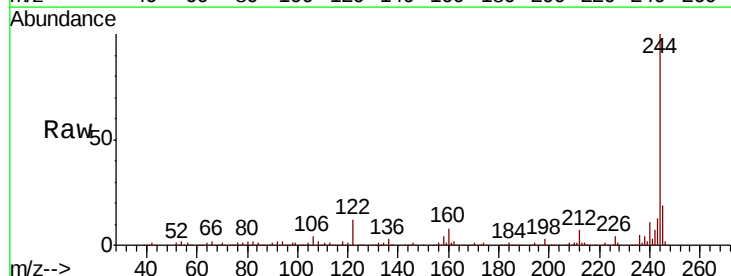


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

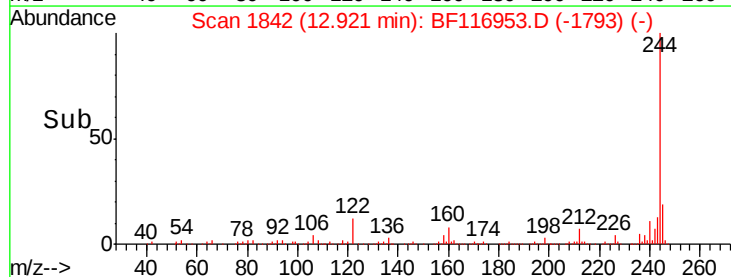
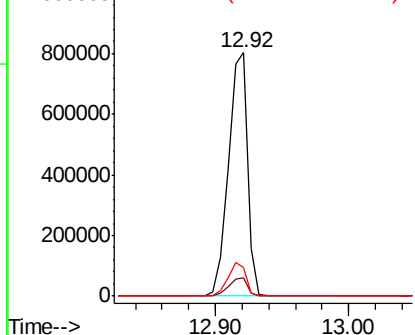


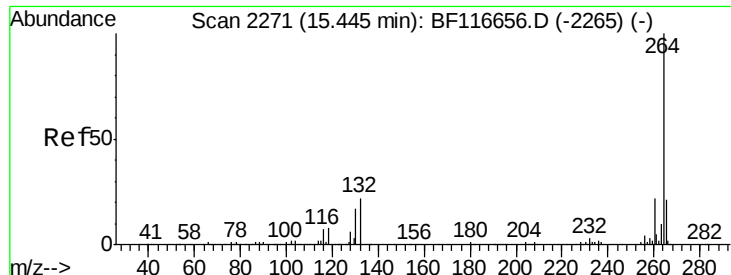
#79
Terphenyl-d14
Concen: 62.195 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.5	10.2	15.4



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: 15.41 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BF116953.D
 Acq: 11 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.2	16.5	24.7

