

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116914.D
 Acq On : 9 Sep 2019 23:13
 Operator : HP/JU
 Sample : K4758-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

Quant Time: Sep 10 03:58:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

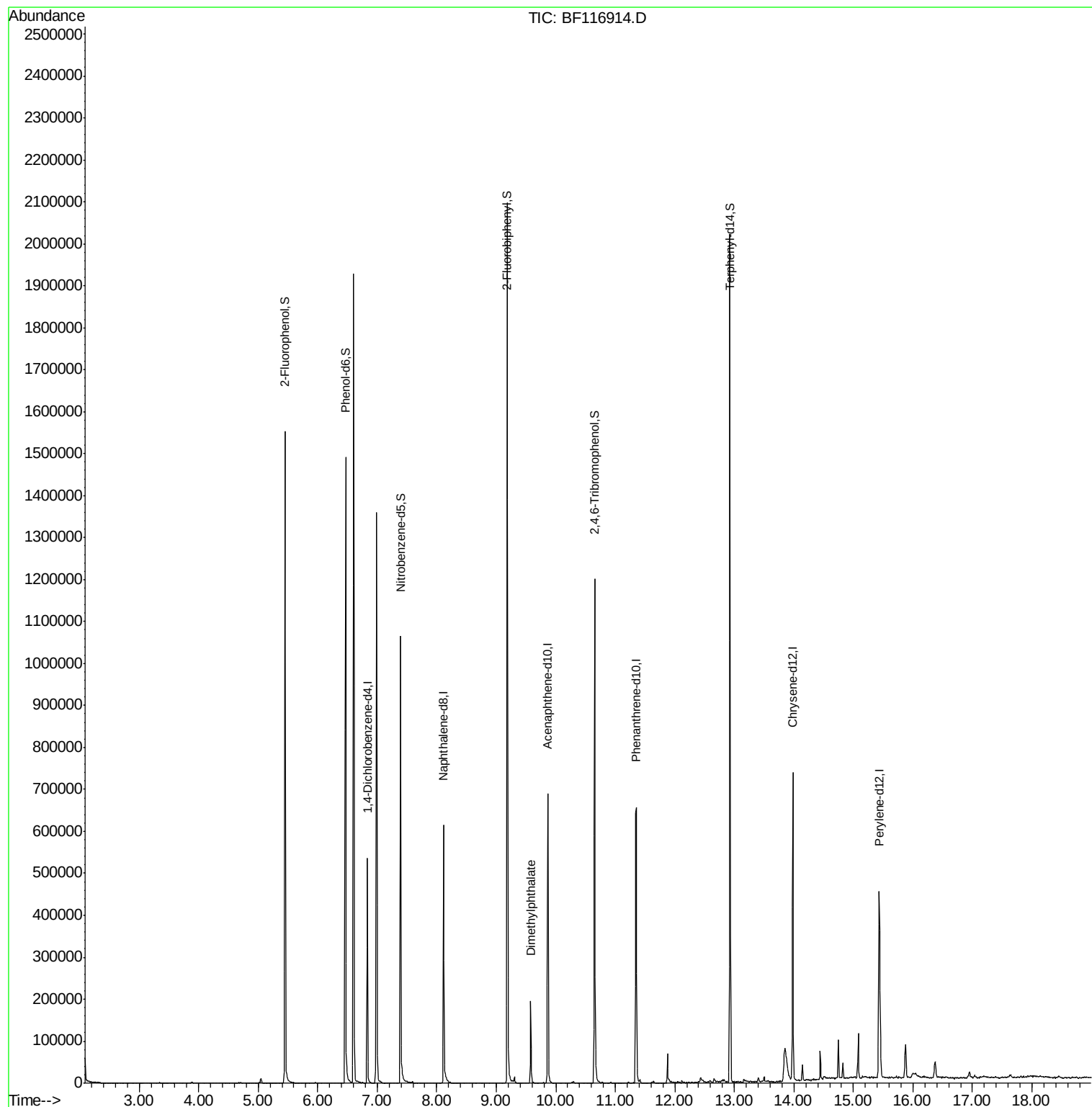
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	75136	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	311886	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	160357	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	275846	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	229576	20.00	ng	-0.02
87) Perylene-d12	15.43	264	217276	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	441849	95.27	ng	-0.01
7) Phenol-d6	6.47	99	600244	98.56	ng	-0.01
23) Nitrobenzene-d5	7.39	82	366927	67.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	135412	126.31	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	638425	67.16	ng	-0.02
79) Terphenyl-d14	12.93	244	696152	56.10	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	91950	8.305	ng	Qvalue 97

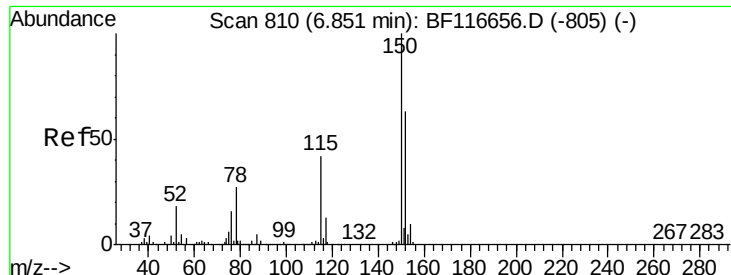
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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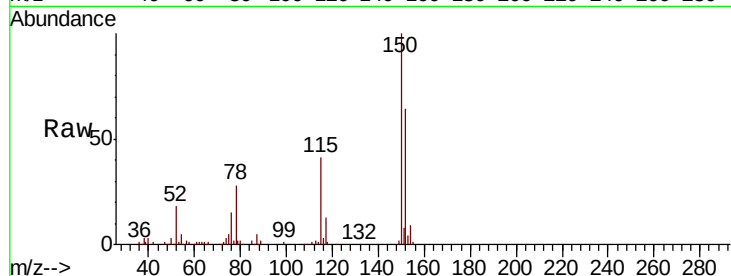


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Instrument :
BNA_F
ClientSampleId :
B-0-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.4	186.6
115	64.5	49.9	74.9

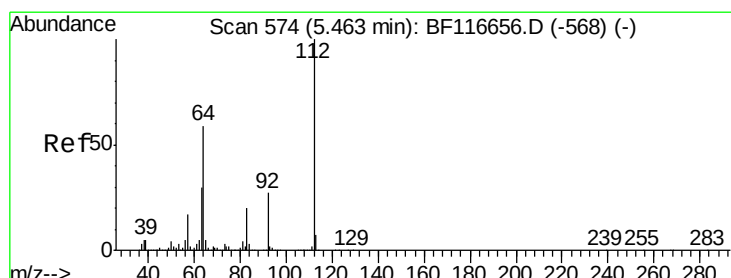
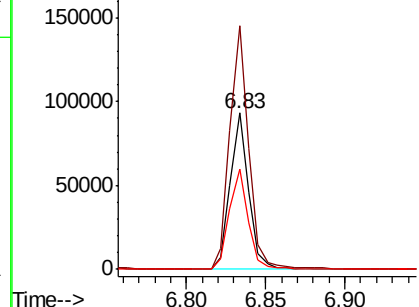
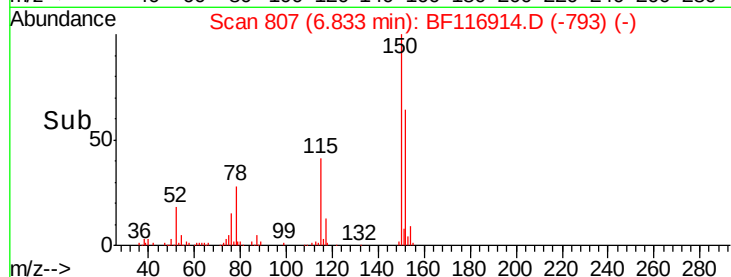


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

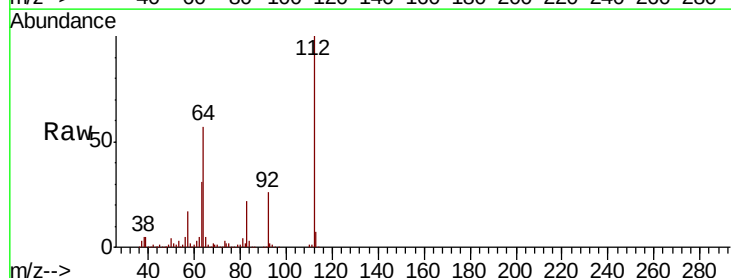
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.270 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.1	70.7
63	31.0	24.9	37.3

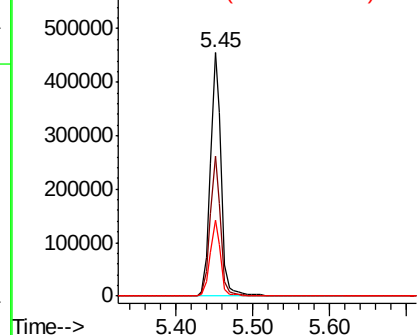
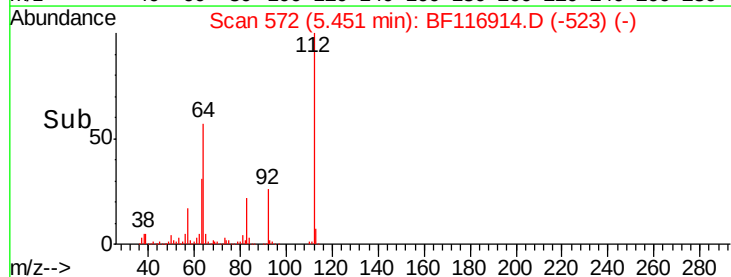


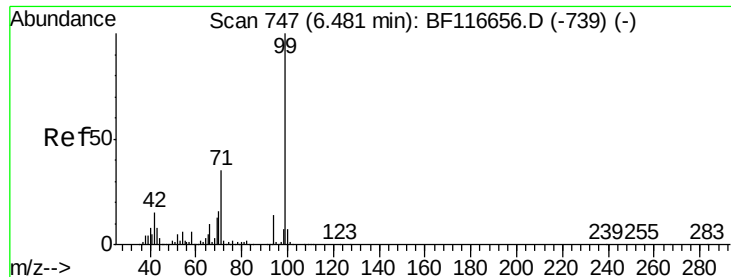
Abundance

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: 98.562 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Instrument :

BNA_F

ClientSampleId :

B-0-4

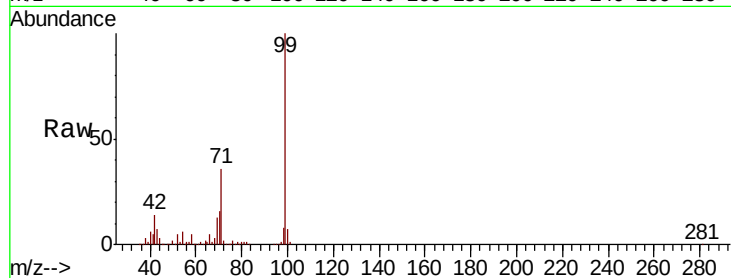
Tot Ion: 99 Resp: 600244

Ion Ratio Lower Upper

99 100

42 14.2 13.7 20.5

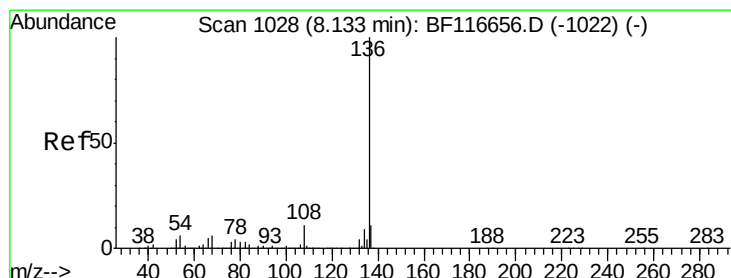
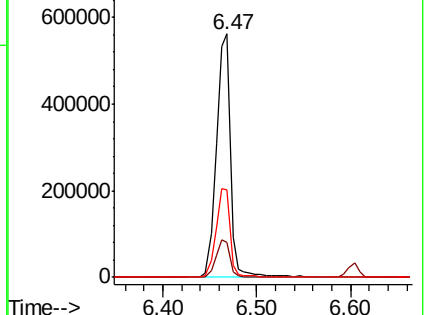
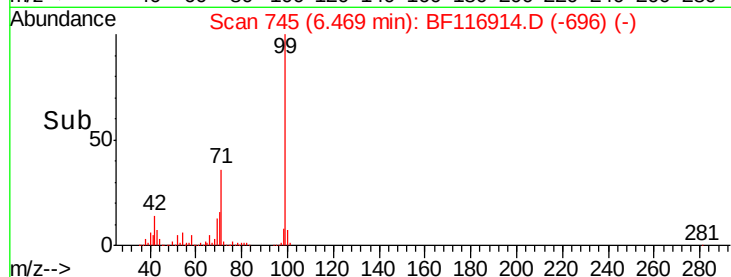
71 36.2 30.8 46.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Tgt Ion: 136 Resp: 311886

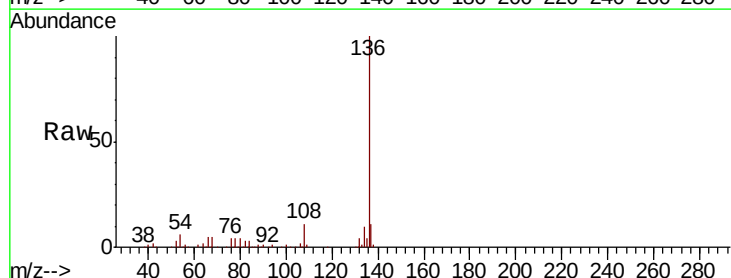
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.9 4.8 7.2

68 4.6 4.0 6.0

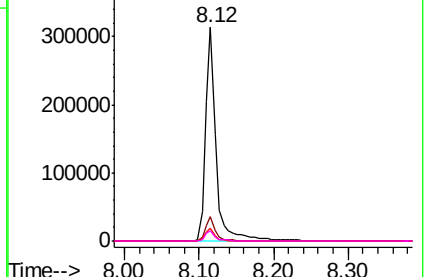
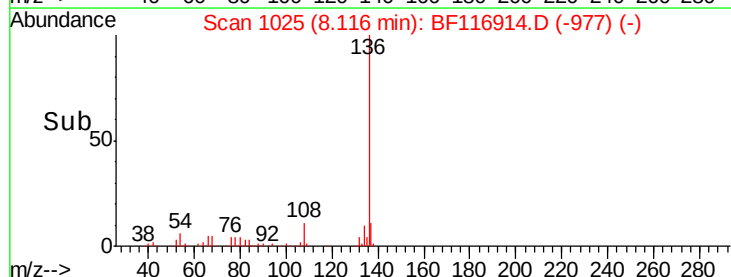


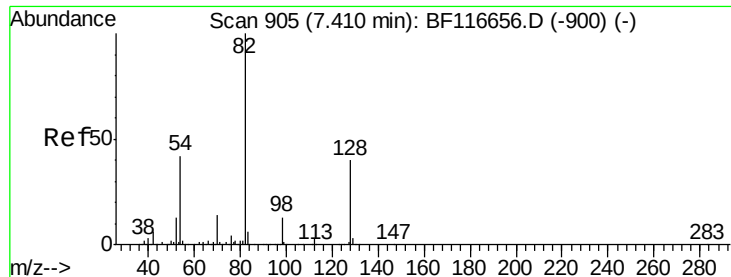
Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.162 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Instrument :

BNA_F

ClientSampleId :

B-0-4

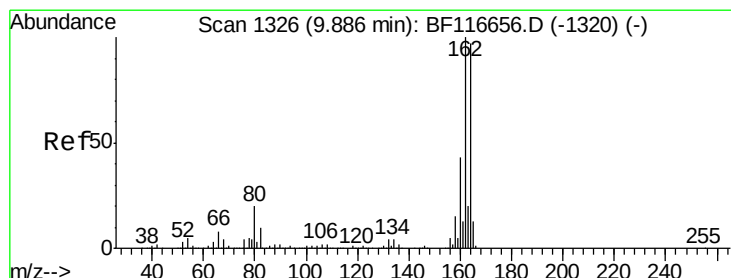
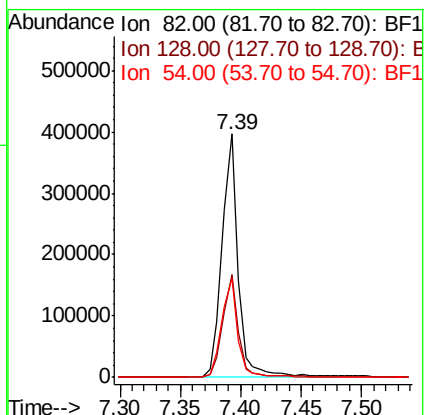
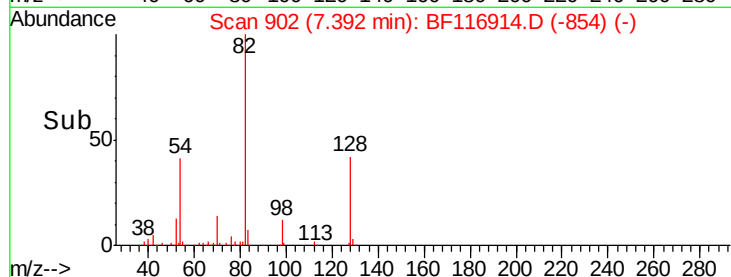
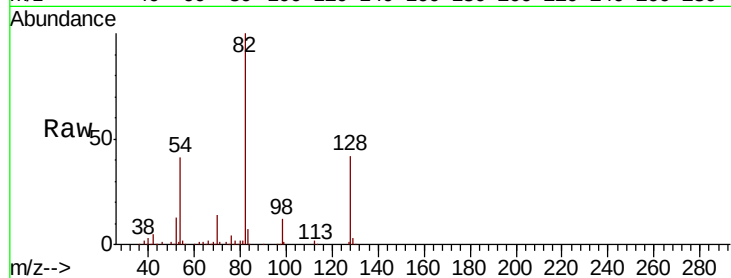
Tot Ion: 82 Resp: 366927

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

54 40.6 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

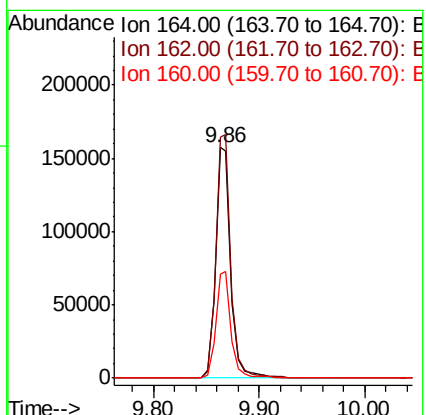
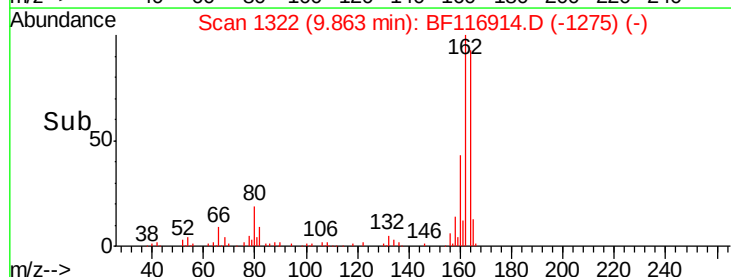
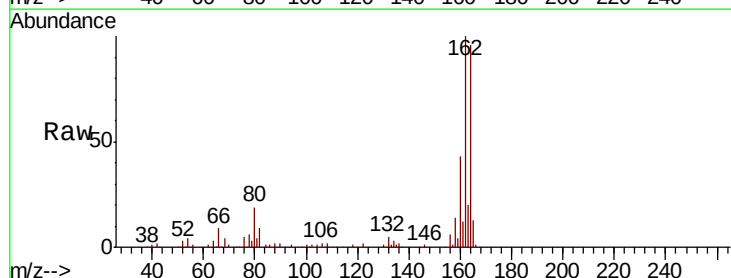
Tgt Ion: 164 Resp: 160357

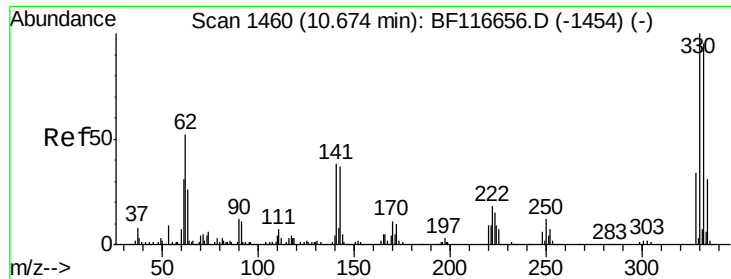
Ion Ratio Lower Upper

164 100

162 104.6 81.4 122.0

160 45.0 35.4 53.2

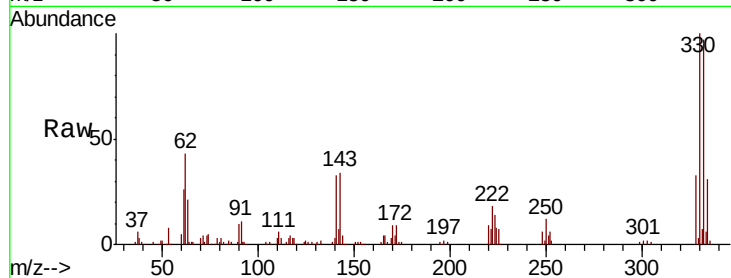




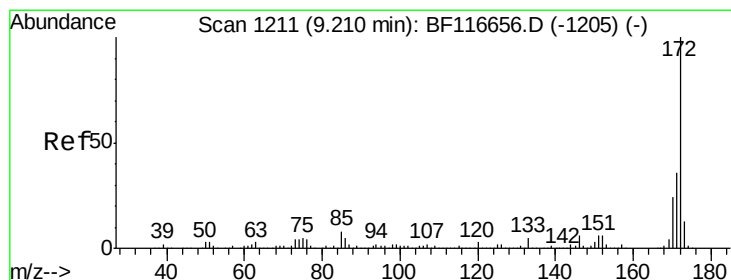
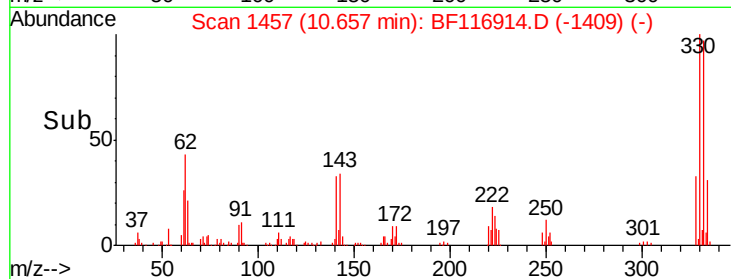
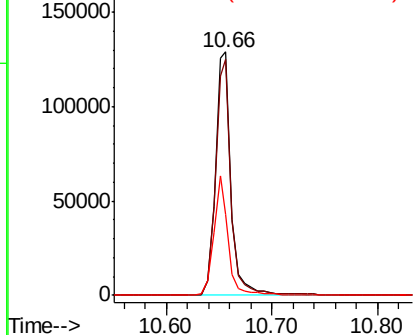
#42
 2,4,6-Tribromophenol
 Concen: 126.315 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	44.5	31.4	47.2

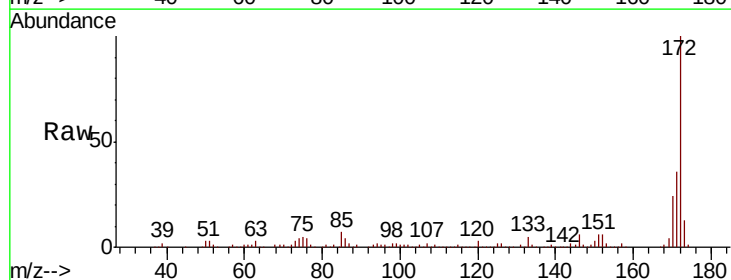


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

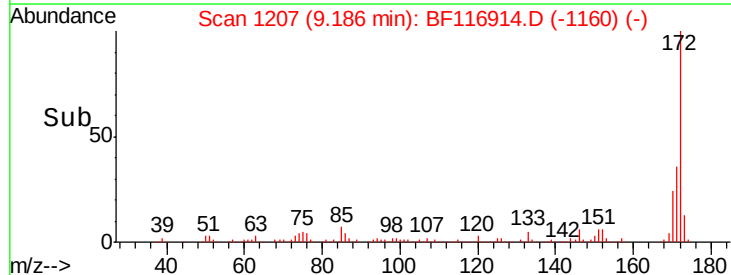
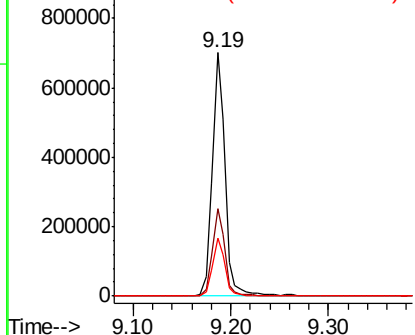


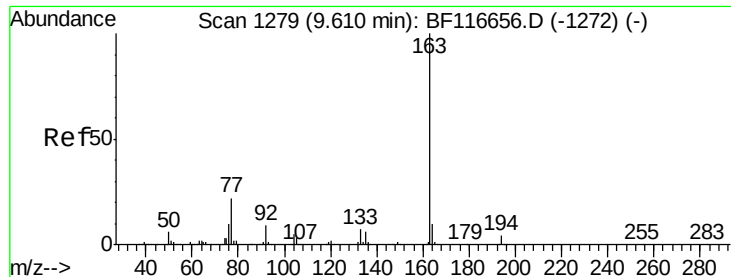
#45
 2-Fluorobiphenyl
 Concen: 67.160 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Tgt 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

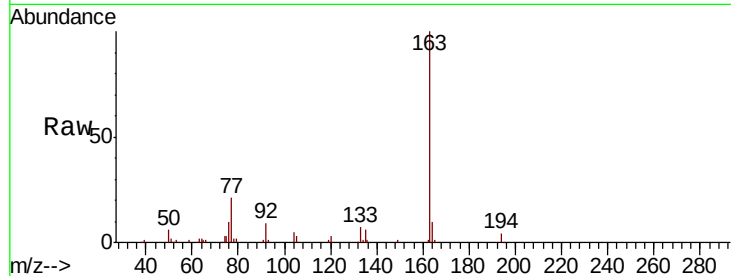




#50
Dimethylphthalate
Concen: 8.305 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Instrument :
BNA_F
ClientSampleId :
B-0-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.5	8.6	12.8

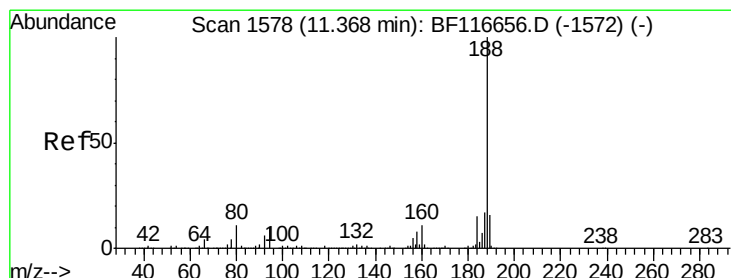
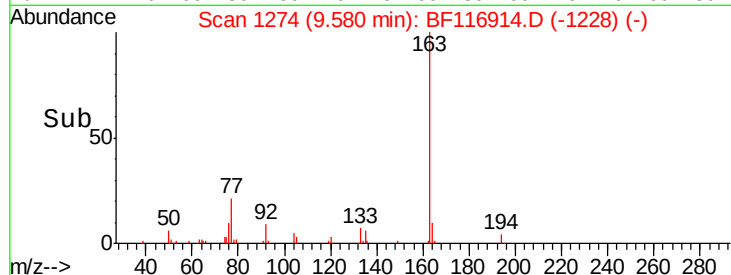
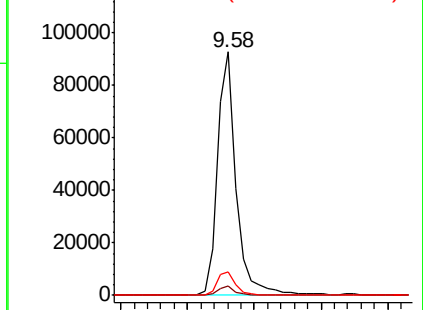


Abundance

Ion 163.00 (162.70 to 163.70): E

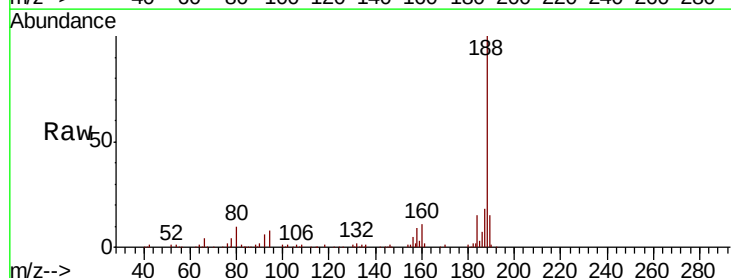
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.3	10.9
80	9.5	8.4	12.6

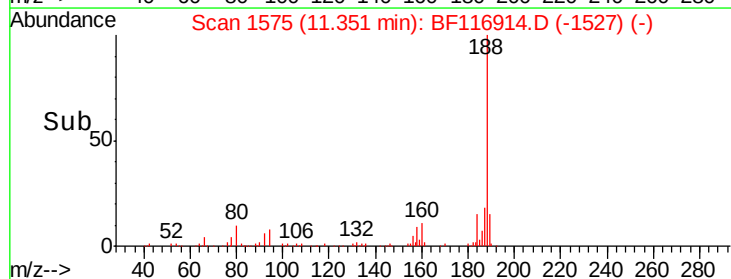
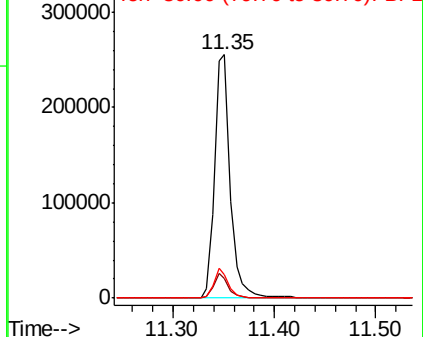


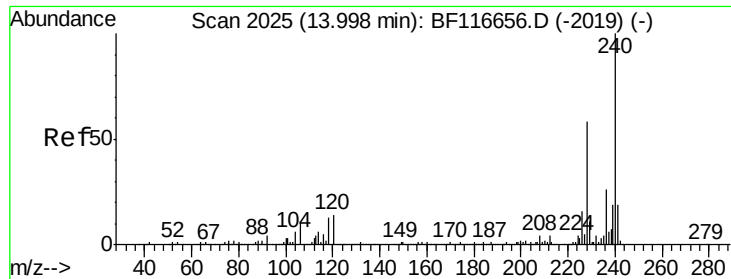
Abundance

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

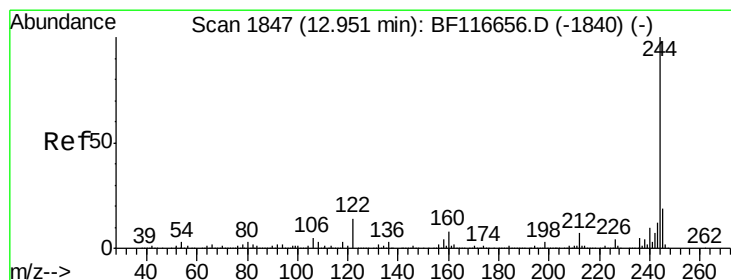
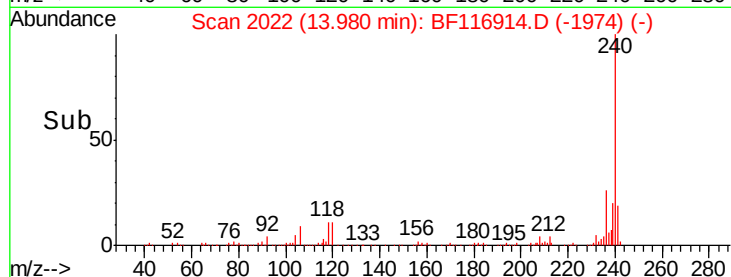
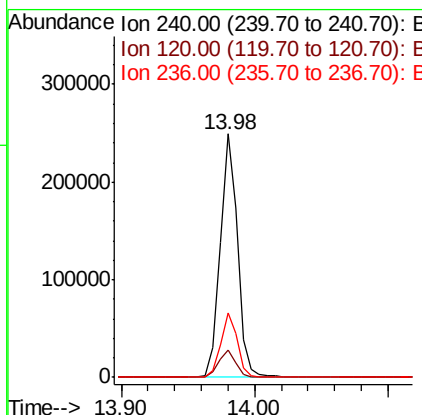
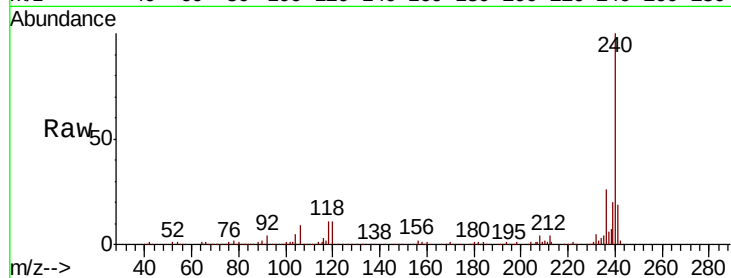




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

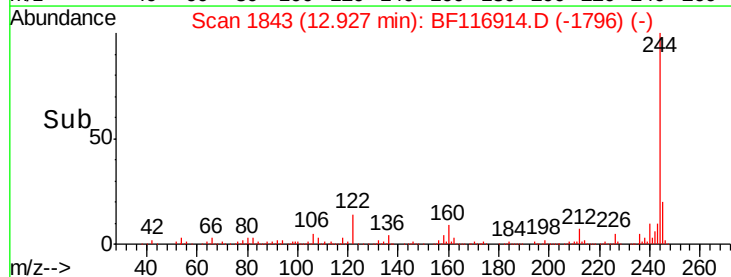
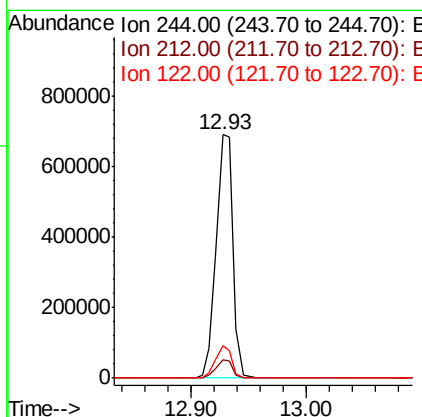
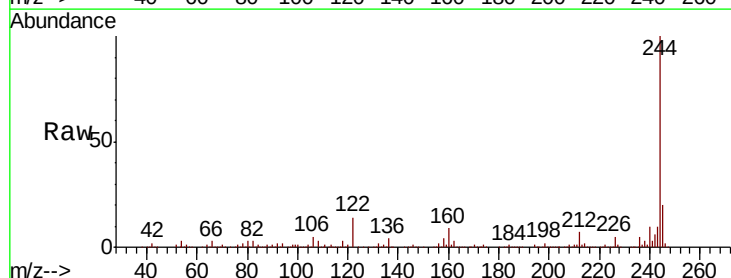
Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

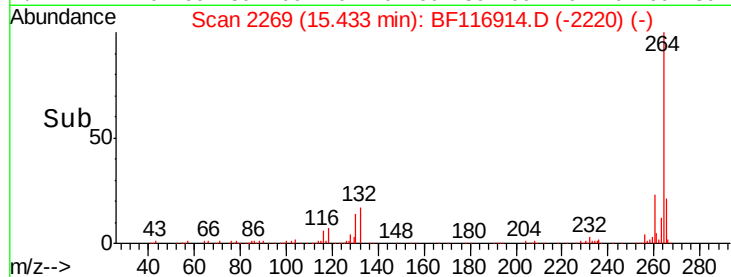
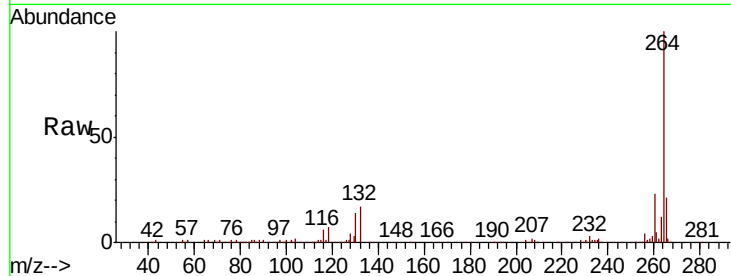
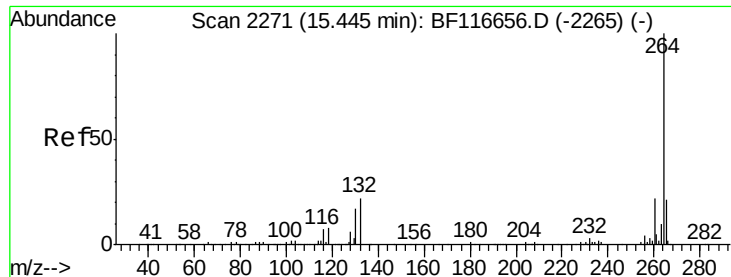
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.4	21.1	31.7



#79
 Terphenyl-d14
 Concen: 56.096 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.6	10.2	15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

Tot Ion:	264	Resp:	217276
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.4	16.5	24.7

