

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116439.D
 Acq On : 20 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4096-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081919

Quant Time: Aug 21 01:51:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

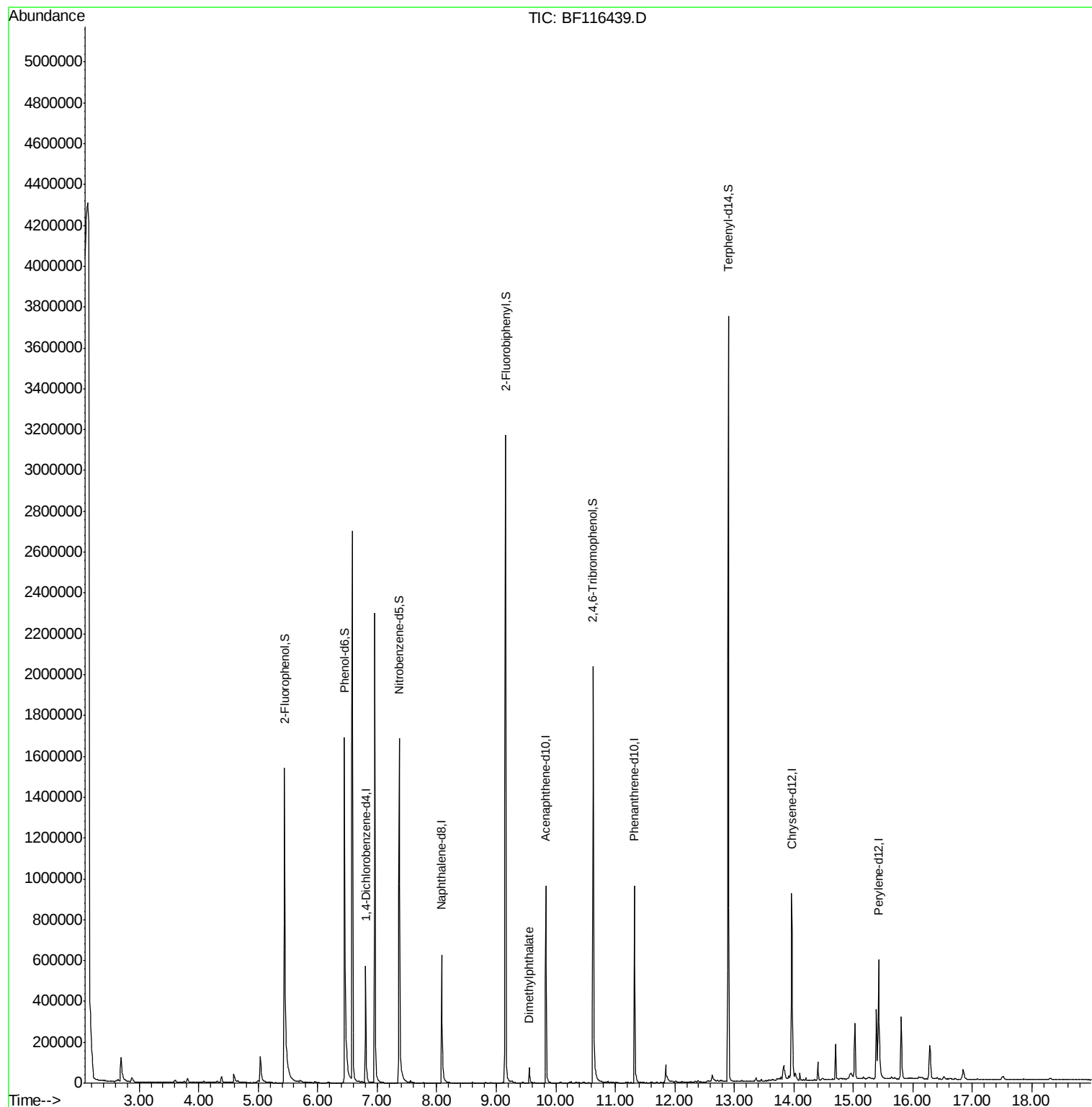
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91464	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	354951	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	192836	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	367718	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	316651	20.00	ng	-0.02
87) Perylene-d12	15.42	264	337200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	677524	124.01	ng	0.00
7) Phenol-d6	6.45	99	800672	116.15	ng	-0.01
23) Nitrobenzene-d5	7.37	82	618759	100.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	283981	151.89	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1099388	106.79	ng	-0.01
79) Terphenyl-d14	12.90	244	1398171	93.04	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	42114	3.207	ng	Qvalue 99

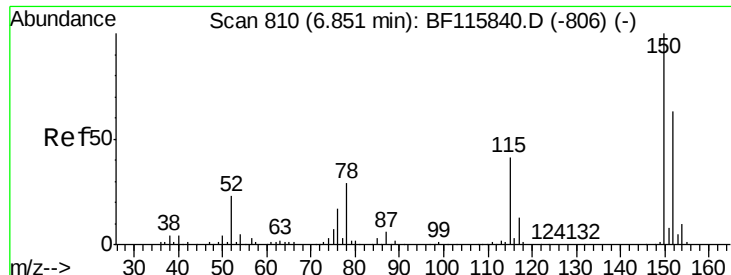
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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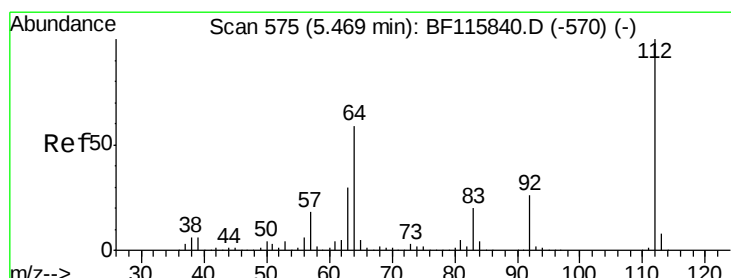
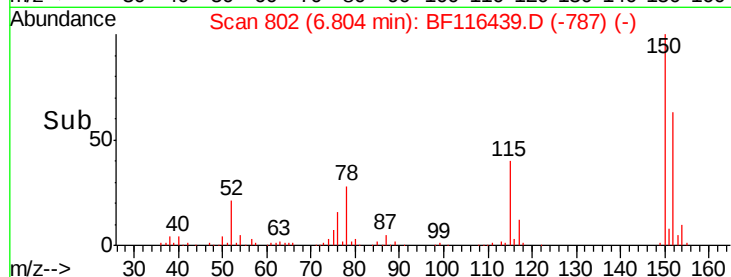
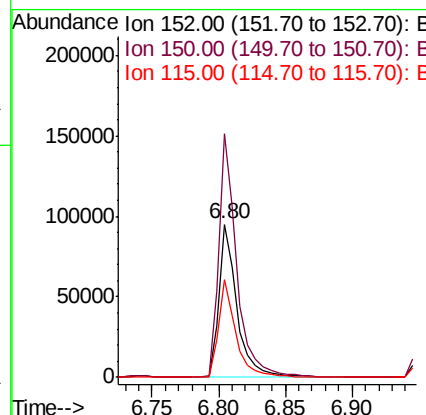
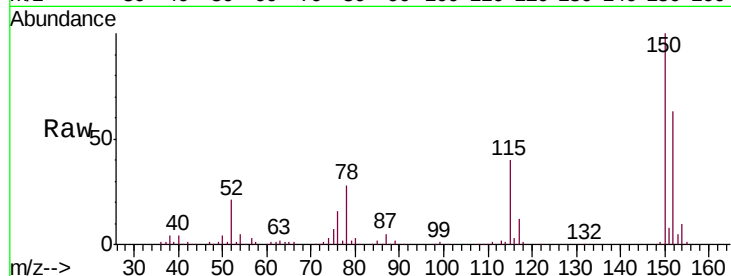


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081919

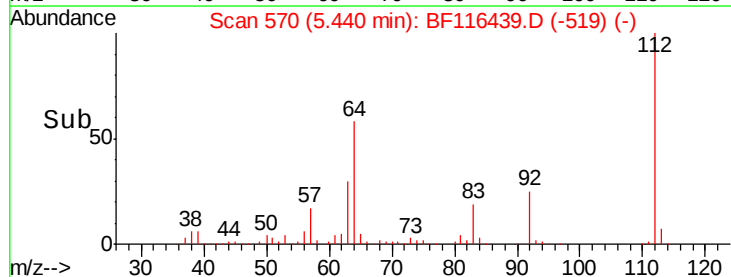
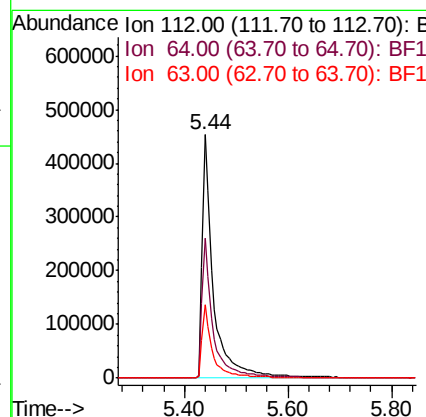
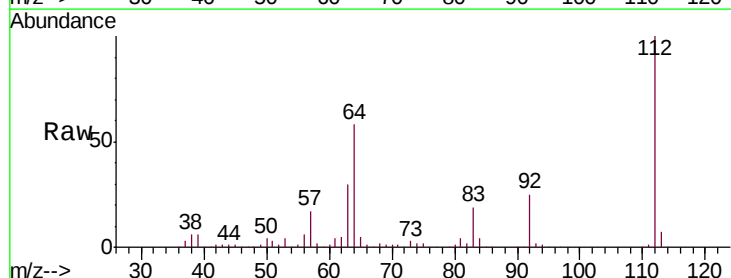
Tot Ion:152 Resp: 91464
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.2 189.2
 115 63.8 49.9 74.9



#5

2-Fluorophenol
 Concen: 124.007 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Tgt Ion:112 Resp: 677524
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.4 68.2
 63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 116.152 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116439.D

Acq: 20 Aug 2019 19:31

Instrument :

BNA_F

ClientSampleId :

TR-05-081919

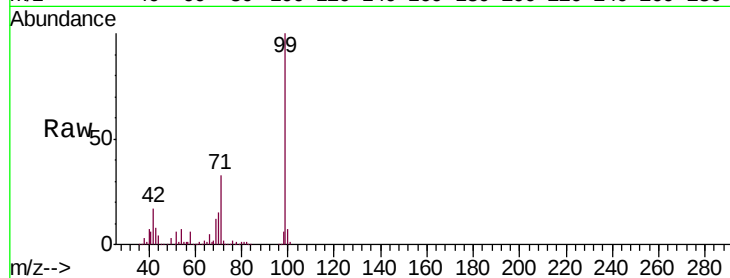
Tot Ion: 99 Resp: 800672

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

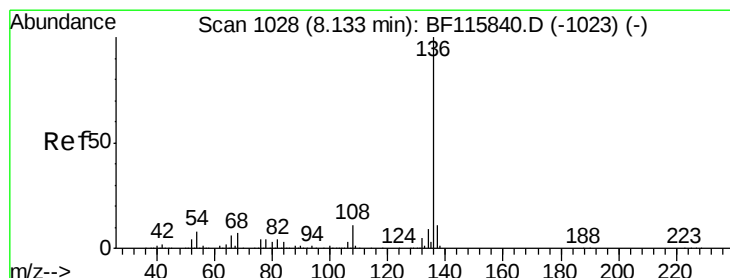
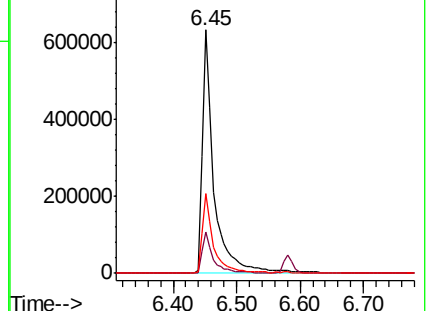
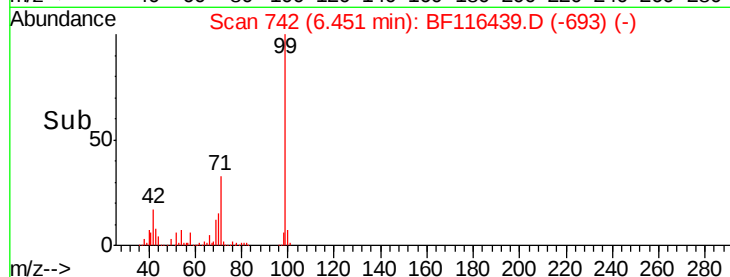
71 32.8 27.3 40.9



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116439.D

Acq: 20 Aug 2019 19:31

Tgt Ion: 136 Resp: 354951

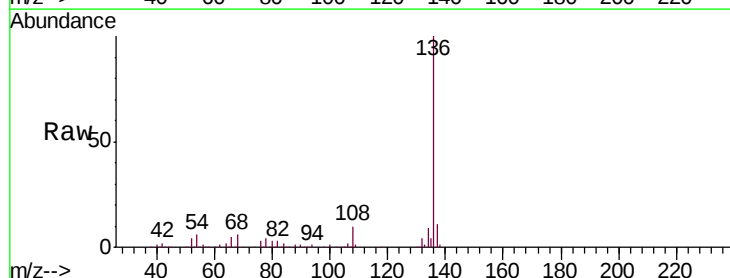
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.4 5.8 8.6

68 5.9 5.2 7.8

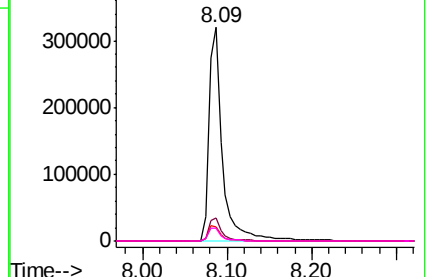
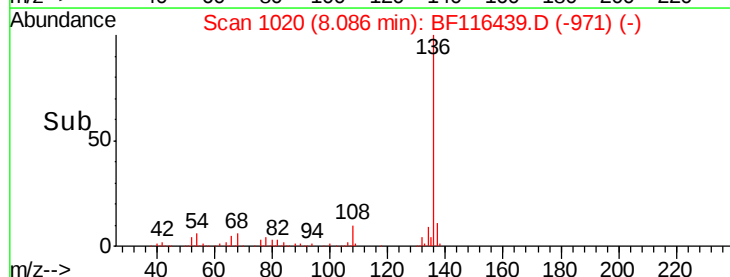


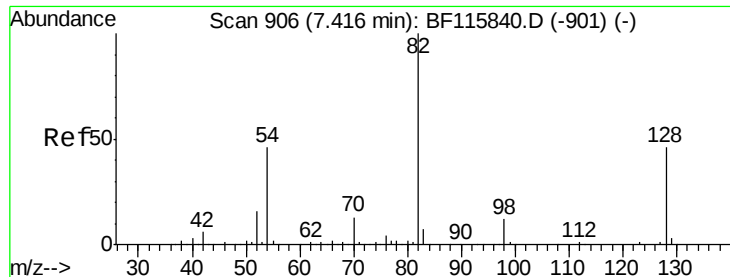
Abundance Ion 136.00 (135.70 to 136.70): E

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

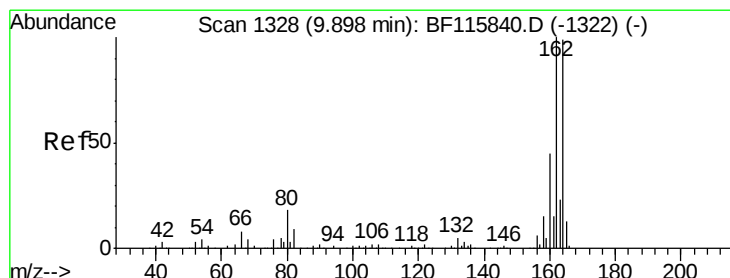
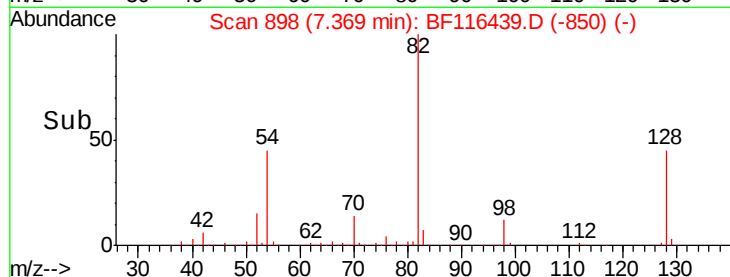
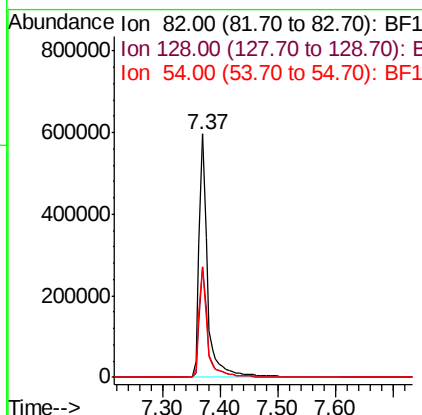
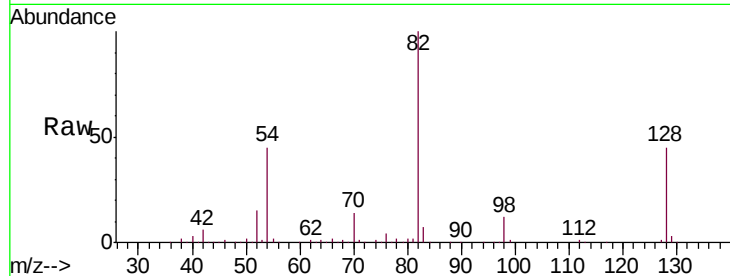




#23
 Nitrobenzene-d5
 Concen: 100.624 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

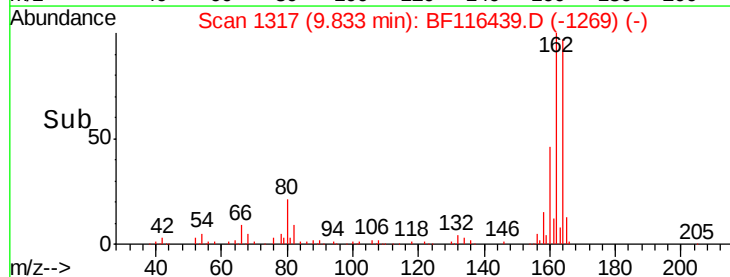
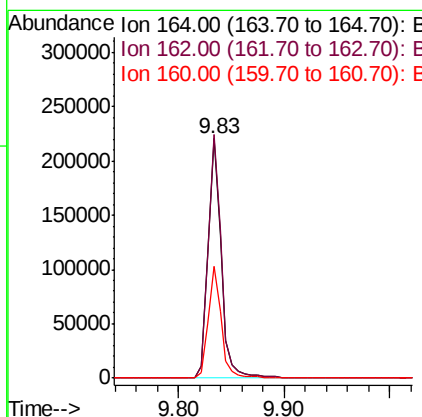
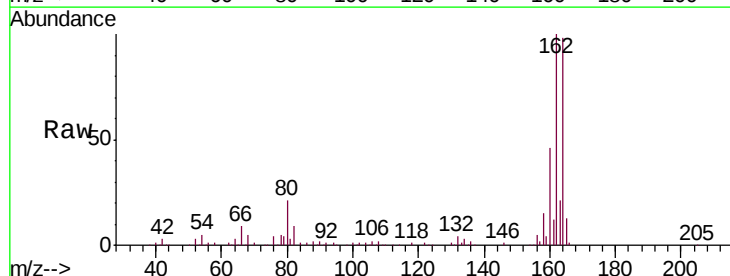
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081919

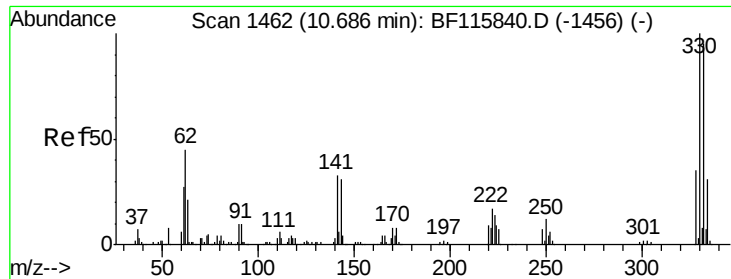
Tot Ion	82	Resp	618759
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.5	54.7
54	45.4	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Tgt Ion	164	Resp	192836
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	124.0
160	46.5	37.6	56.4

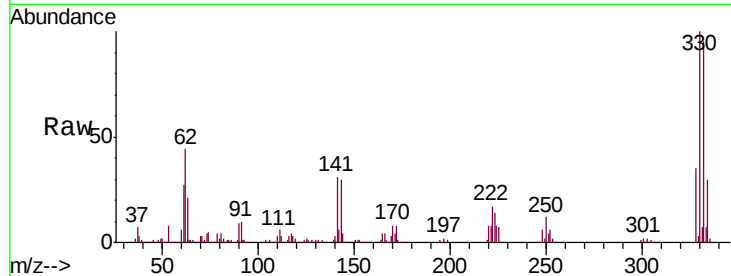




#42
 2,4,6-Tribromophenol
 Concen: 151.894 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081919

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	33.9	26.3	39.5

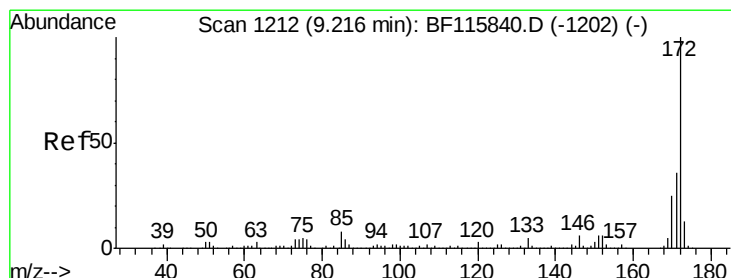
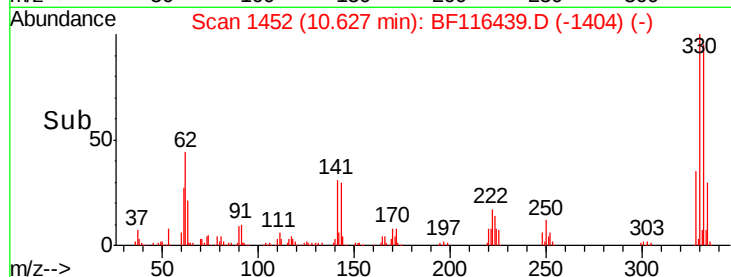
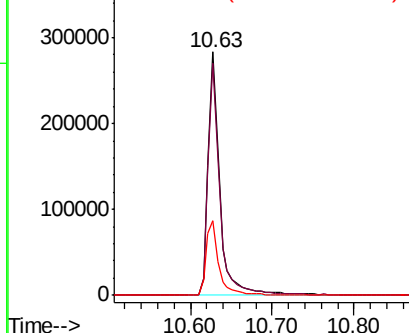


Abundance

Ion 329.80 (329.50 to 330.50): E

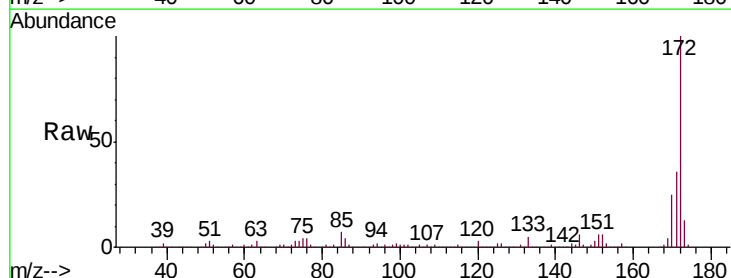
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 106.787 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.8	20.1	30.1

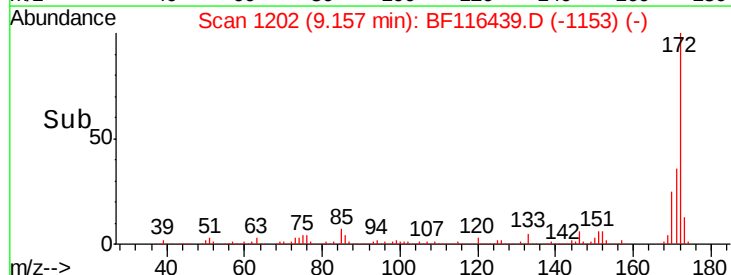
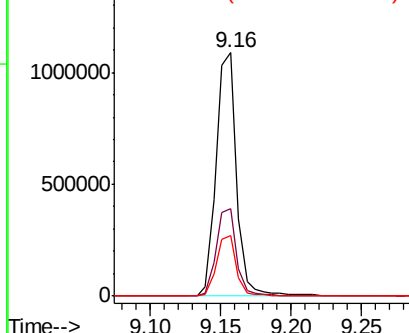


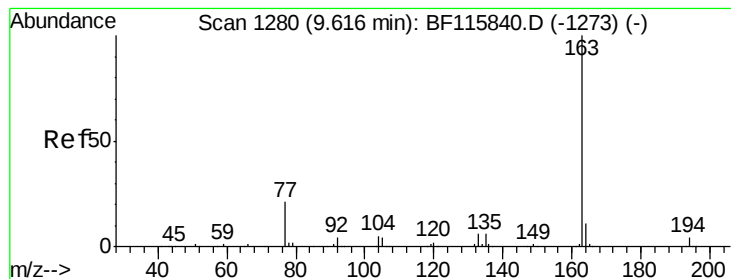
Abundance

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: 3.207 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116439.D

Acq: 20 Aug 2019 19:31

Instrument :

BNA_F

ClientSampleID :

TR-05-081919

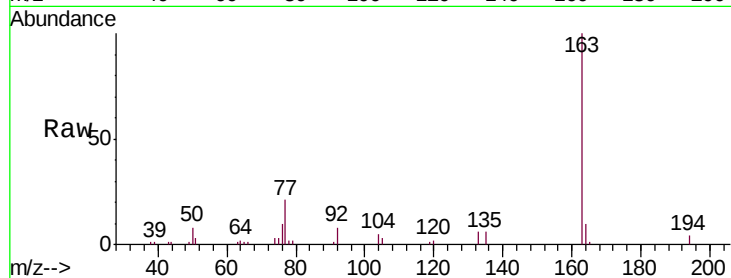
Tot Ion:163 Resp: 42114

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

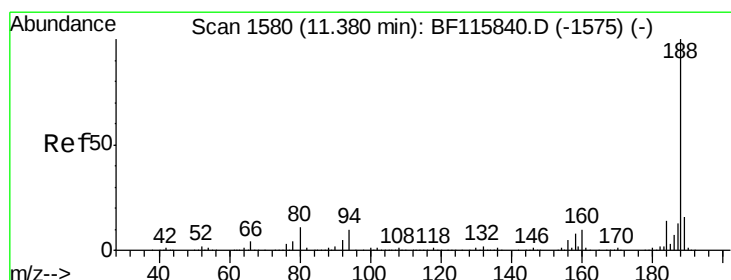
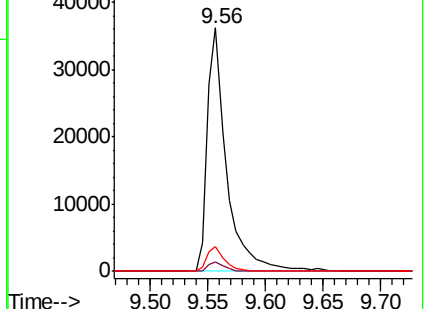
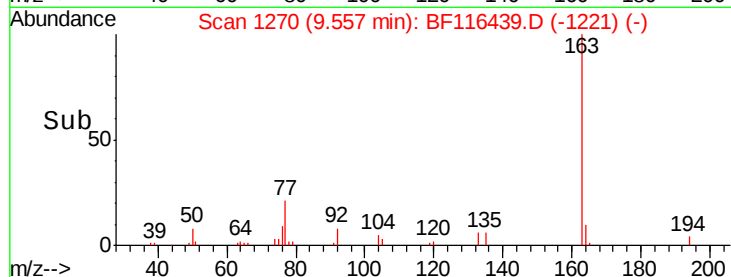
164 9.9 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116439.D

Acq: 20 Aug 2019 19:31

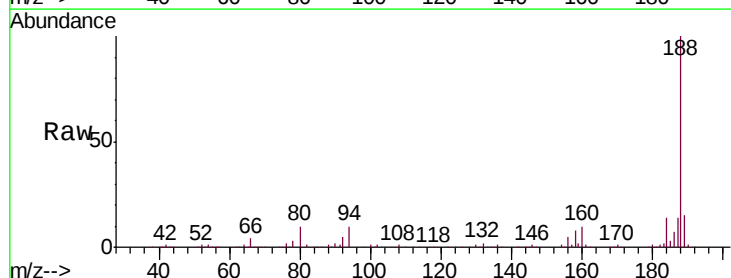
Tgt Ion:188 Resp: 367718

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

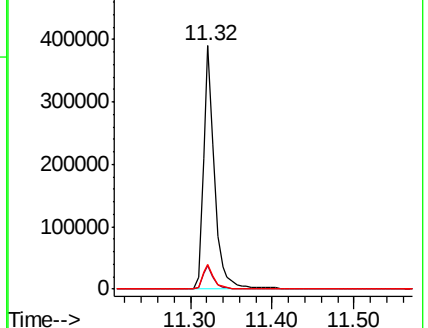
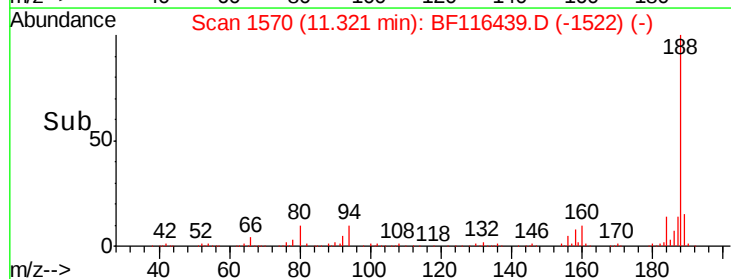
80 10.2 8.7 13.1

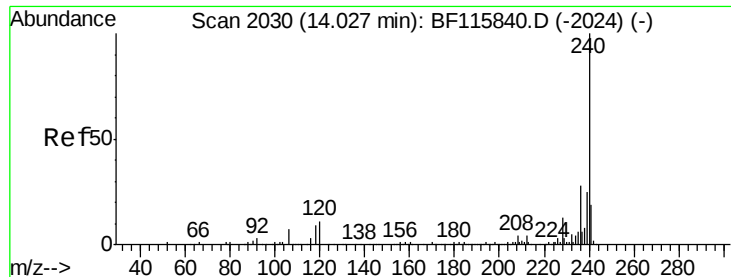


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

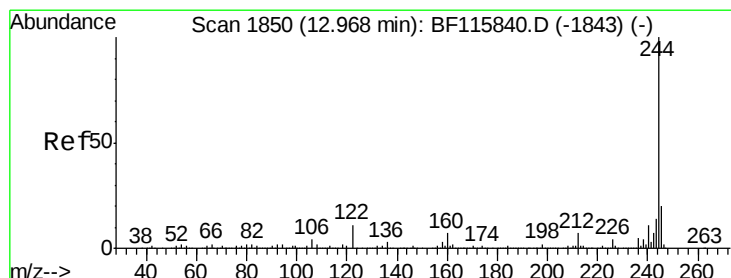
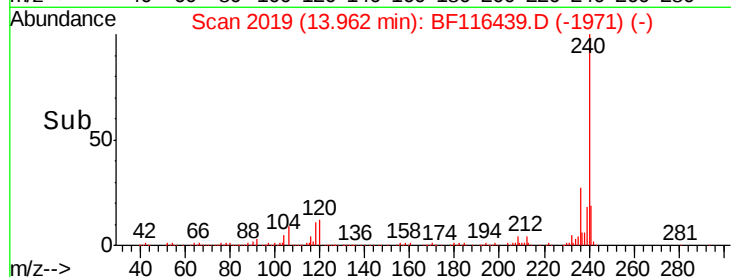
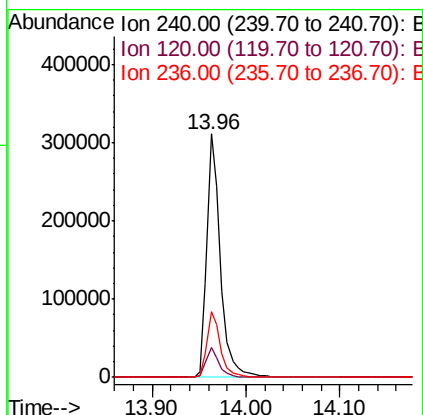
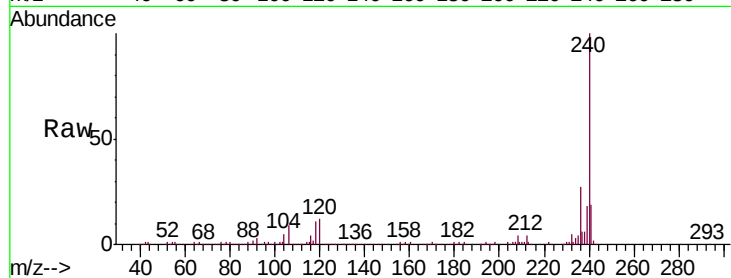




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

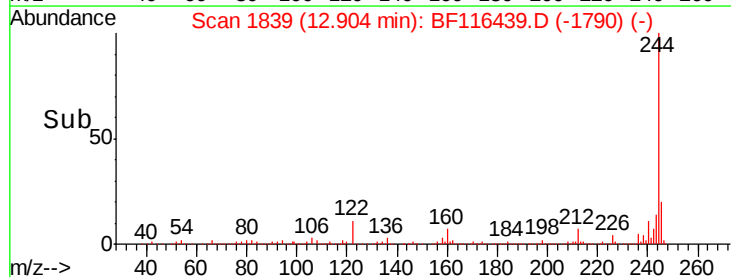
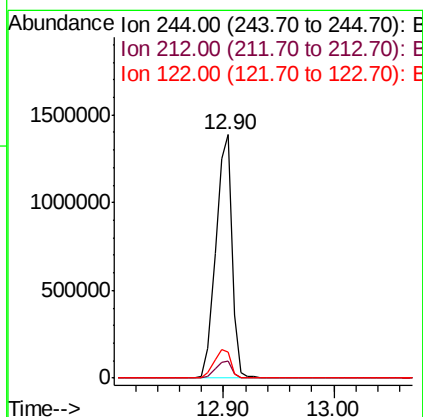
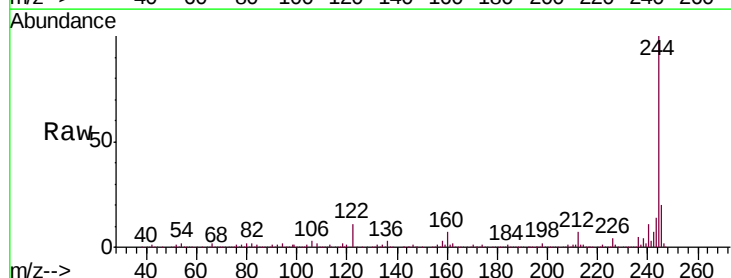
Instrument :
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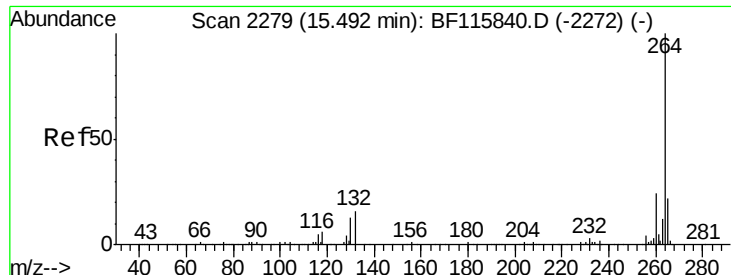
Tot Ion:240 Resp: 316651
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.7 16.1
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 93.042 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Tgt Ion:244 Resp: 1398171
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.7 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116439.D
 Acq: 20 Aug 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081919

Tot Ion:264 Resp: 337200
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.7 29.5
 265 22.2 17.4 26.0

