

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116957.D
 Acq On : 11 Sep 2019 20:14
 Operator : HP/JU
 Sample : K4819-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)

Quant Time: Sep 12 07:25:54 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

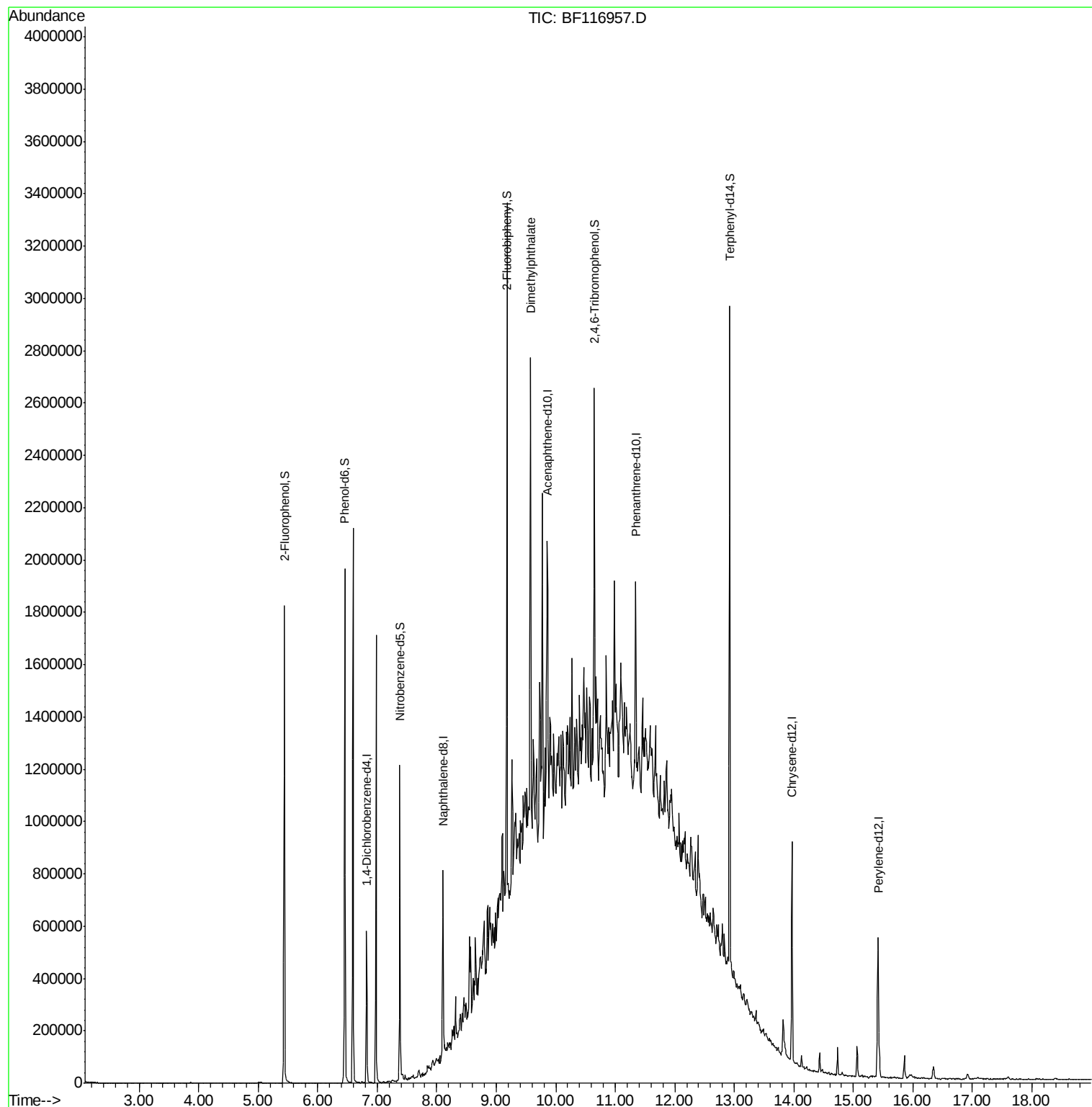
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80954	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	315582	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	163943	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	279884	20.00	ng	0.00
76) Chrysene-d12	13.97	240	251251	20.00	ng	-0.02
87) Perylene-d12	15.42	264	252295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	520194	104.10	ng	-0.01
7) Phenol-d6	6.46	99	725816	110.62	ng	-0.02
23) Nitrobenzene-d5	7.38	82	459764	83.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	155653	142.02	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	738208	75.96	ng	-0.01
79) Terphenyl-d14	12.92	244	831832	61.25	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.57	163	154327	13.635	ng	Qvalue # 92

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

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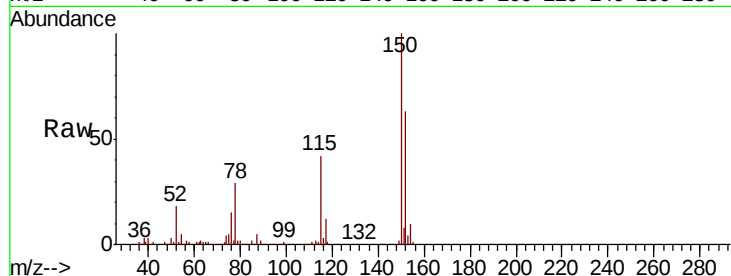


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116957.D
Acq: 11 Sep 2019 20:14

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.4	186.6
115	66.7	49.9	74.9

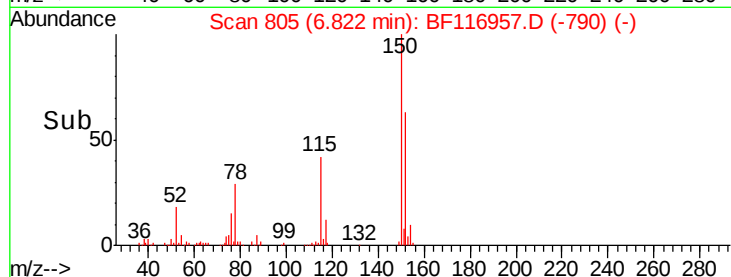
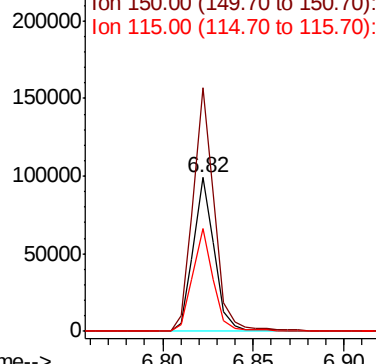


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

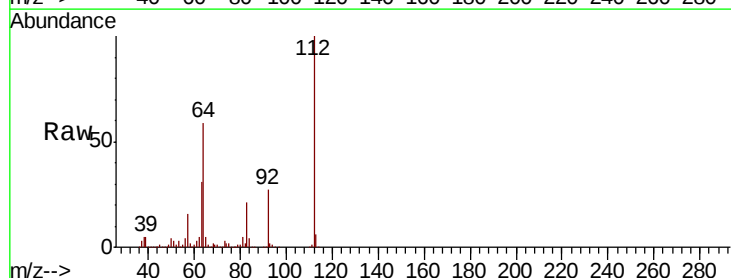
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.102 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116957.D
Acq: 11 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.1	70.7
63	31.4	24.9	37.3

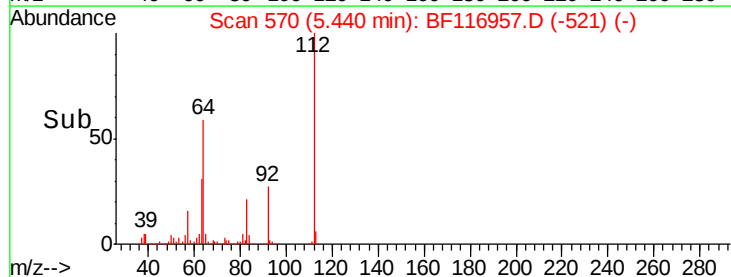
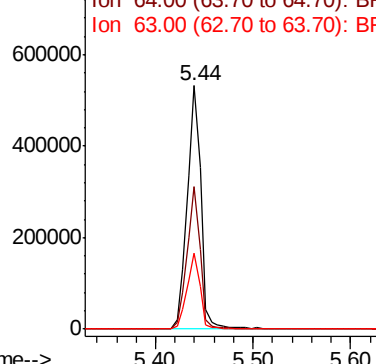


Abundance

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: 110.616 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116957.D

Acq: 11 Sep 2019 20:14

Instrument :

BNA_F

ClientSampleId :

TP-7-D(4-10)

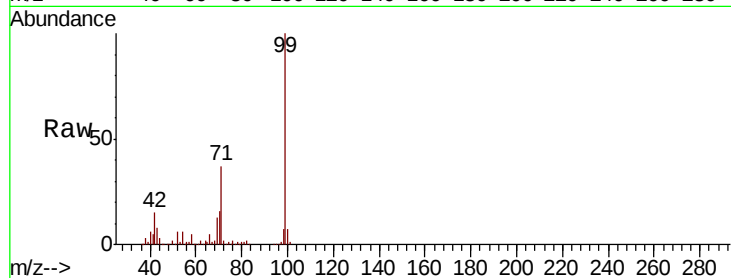
Tot Ion: 99 Resp: 725816

Ion Ratio Lower Upper

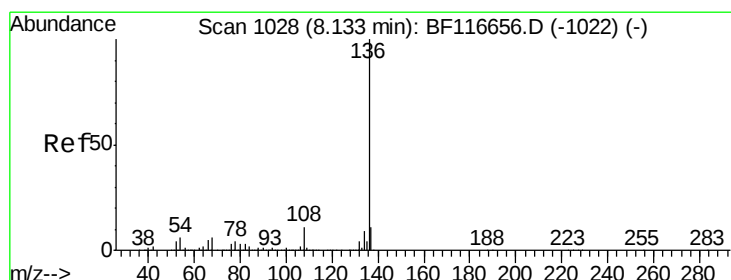
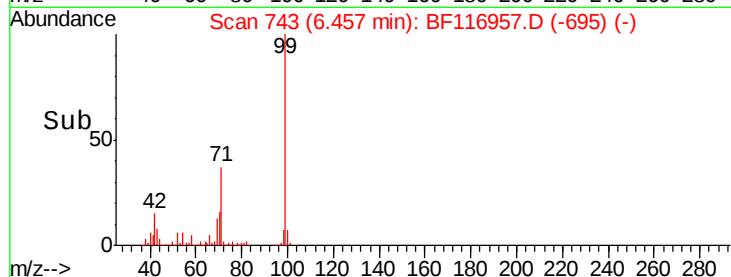
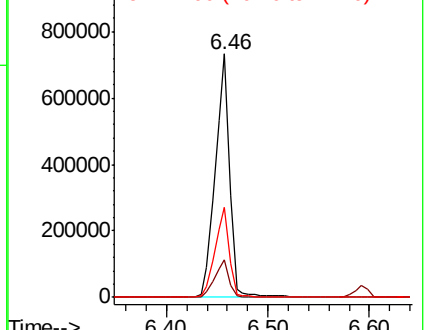
99 100

42 15.5 13.7 20.5

71 37.2 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116957.D

Acq: 11 Sep 2019 20:14

Tgt Ion: 136 Resp: 315582

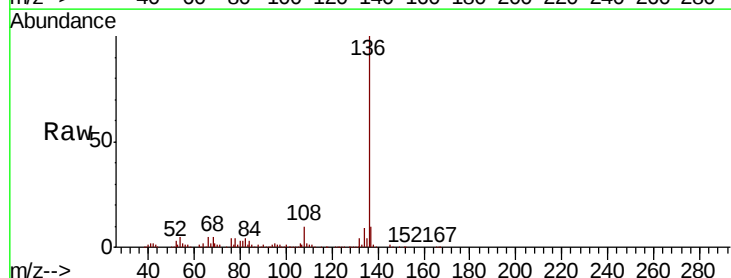
Ion Ratio Lower Upper

136 100

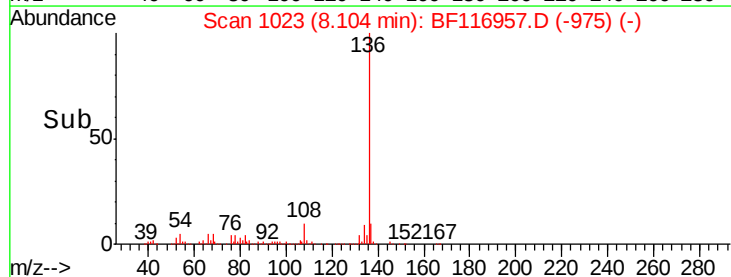
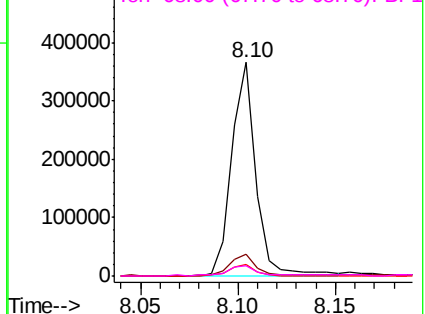
137 10.5 8.9 13.3

54 5.3 4.8 7.2

68 4.8 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

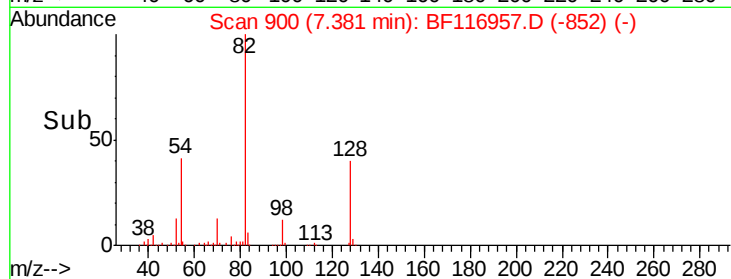
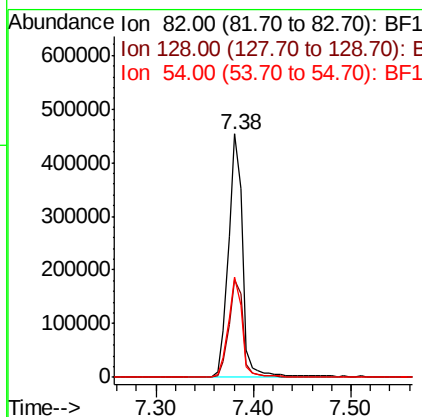
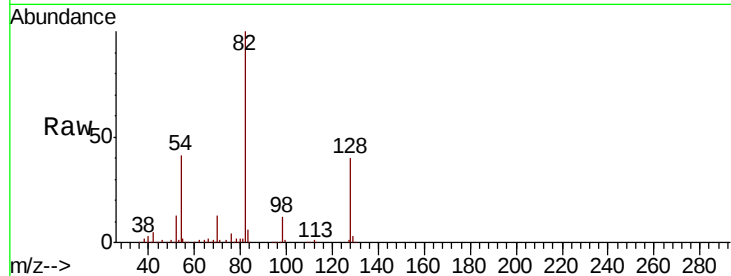




#23
 Nitrobenzene-d5
 Concen: 83.169 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116957.D
 Acq: 11 Sep 2019 20:14

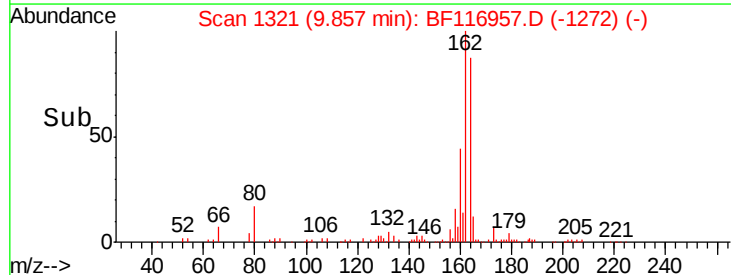
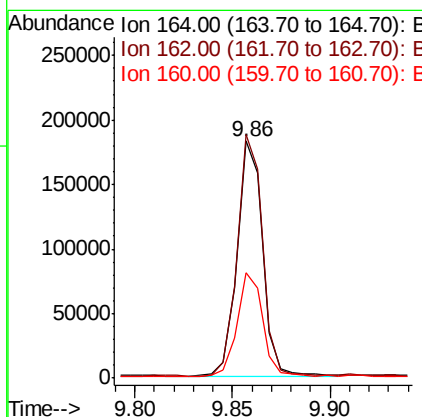
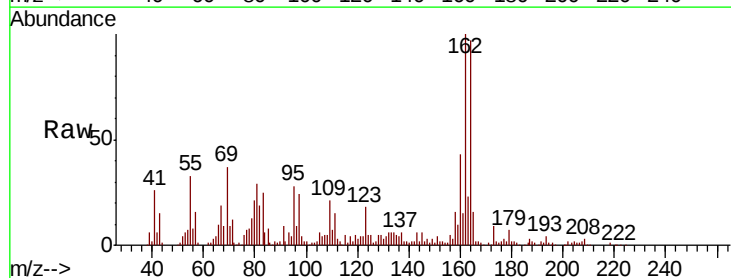
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)

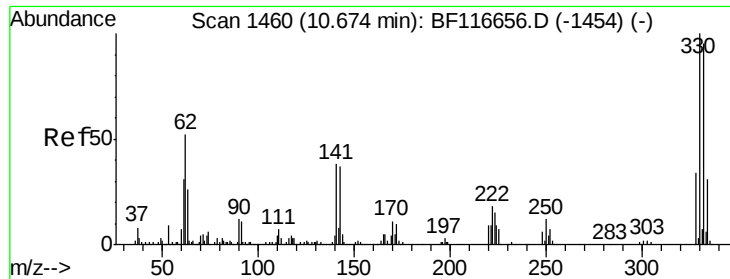
Tot Ion	82	Resp	459764
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.8	49.2
54	41.3	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF116957.D
 Acq: 11 Sep 2019 20:14

Tgt Ion	164	Resp	163943
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.4	122.0
160	44.7	35.4	53.2

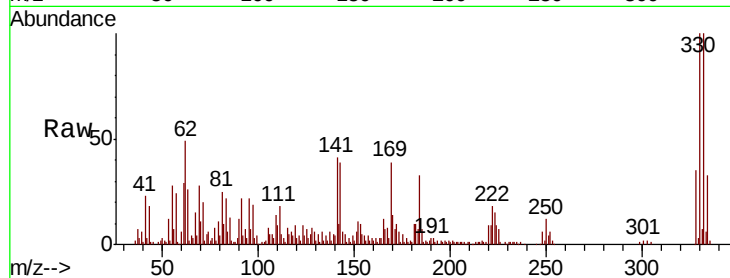




#42
 2,4,6-Tribromophenol
 Concen: 142.020 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF116957.D
 Acq: 11 Sep 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	50.3	31.4	47.2

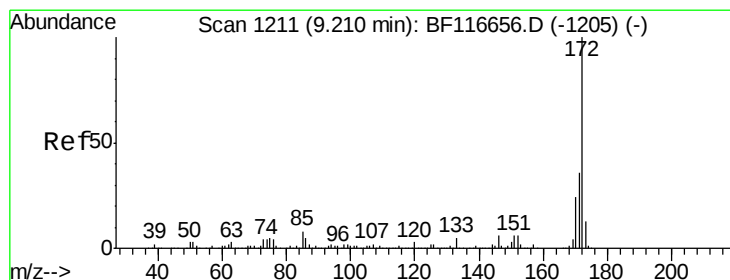
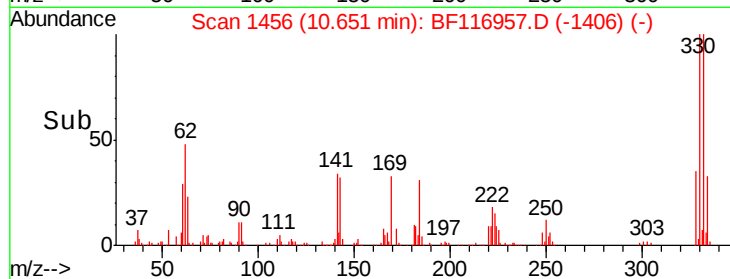
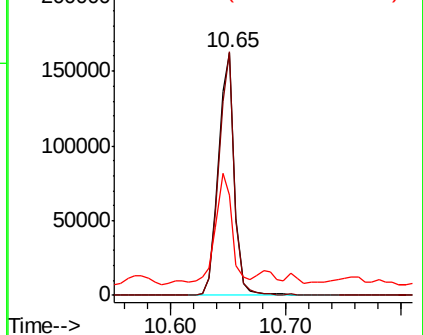


Abundance

Ion 329.80 (329.50 to 330.50): E

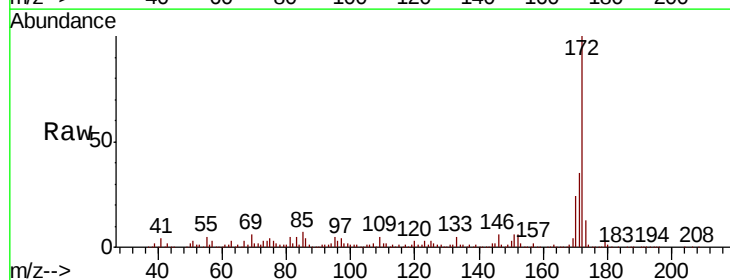
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.958 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF116957.D
 Acq: 11 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.9	18.9	28.3

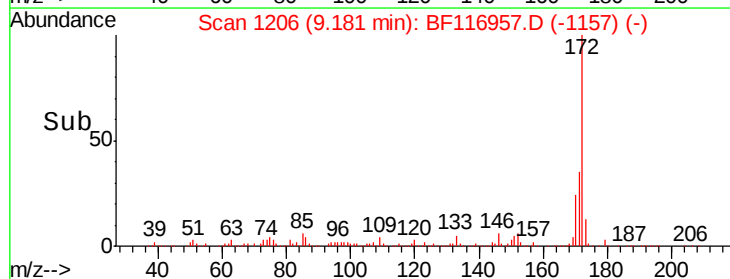
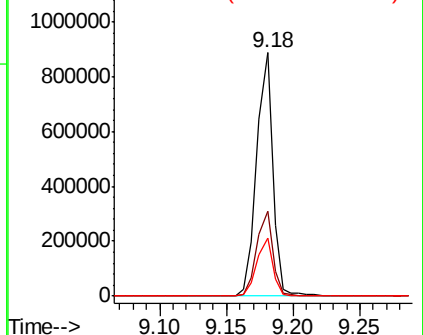


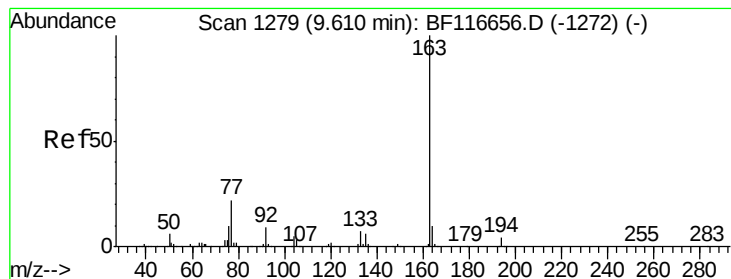
Abundance

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: 13.635 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF116957.D

Acq: 11 Sep 2019 20:14

Instrument :

BNA_F

ClientSampleId :

TP-7-D(4-10)

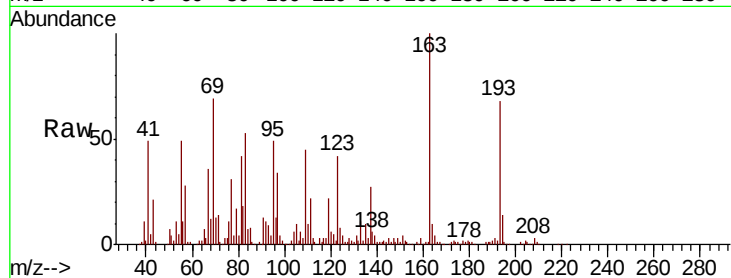
Tot Ion:163 Resp: 154327

Ion Ratio Lower Upper

163 100

194 14.1 2.8 4.2#

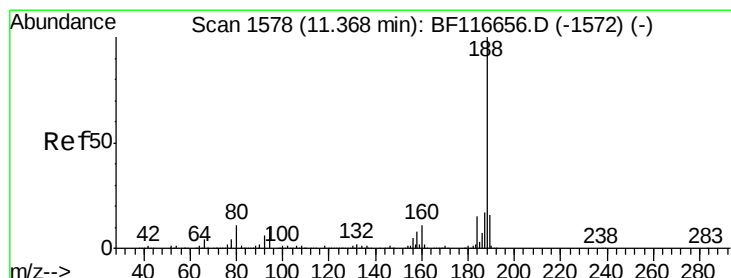
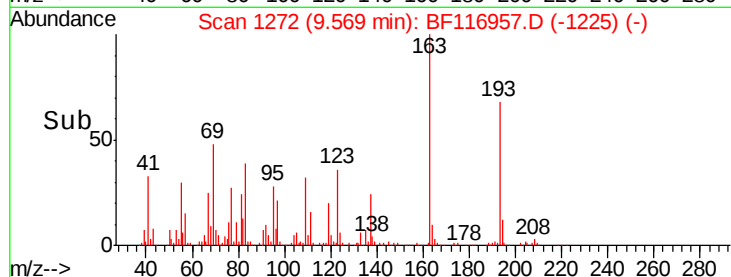
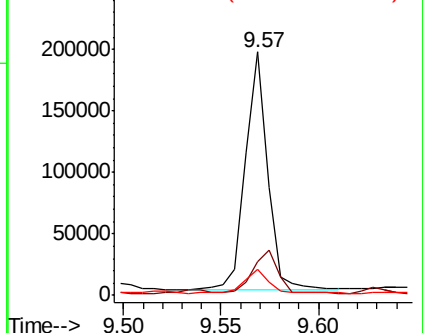
164 10.4 8.6 12.8



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# 1574

Delta R.T. -0.01 min

Lab File: BF116957.D

Acq: 11 Sep 2019 20:14

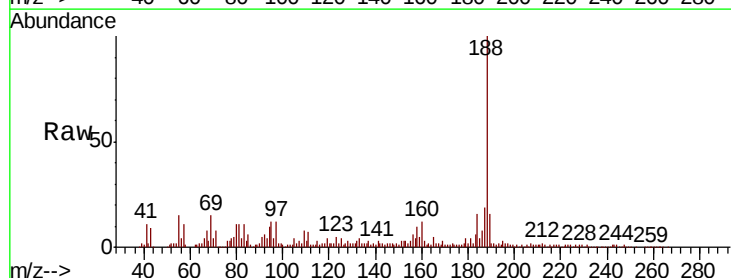
Tgt Ion:188 Resp: 279884

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

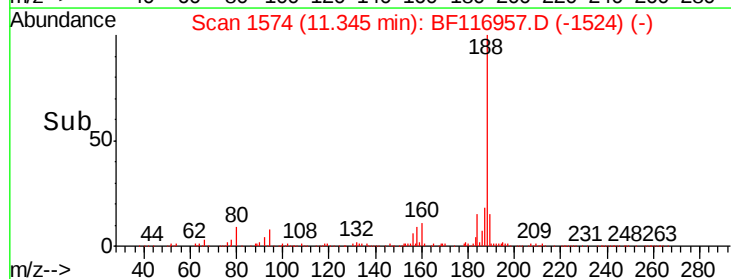
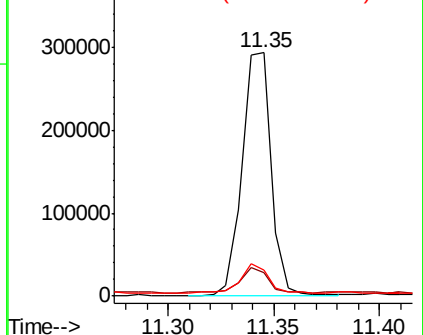
80 10.9 8.4 12.6



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

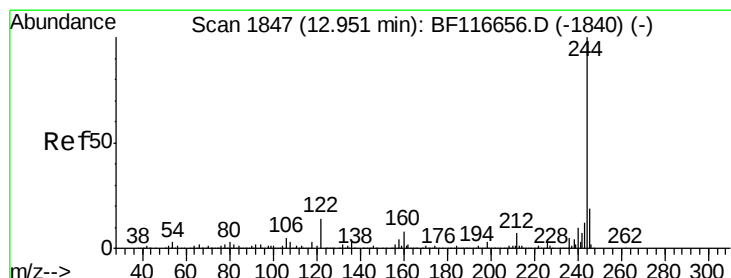
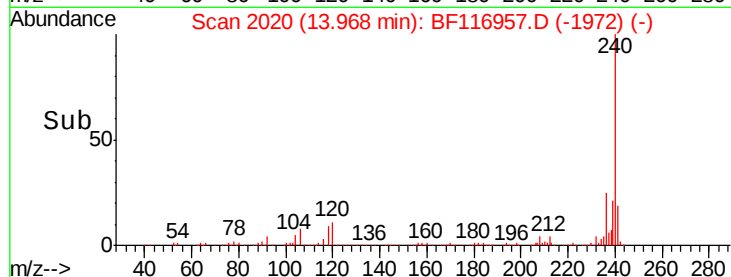
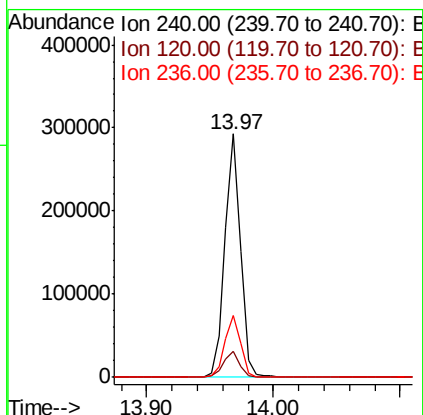
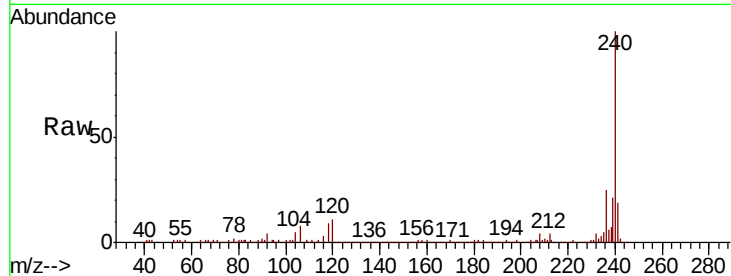




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116957.D
Acq: 11 Sep 2019 20:14

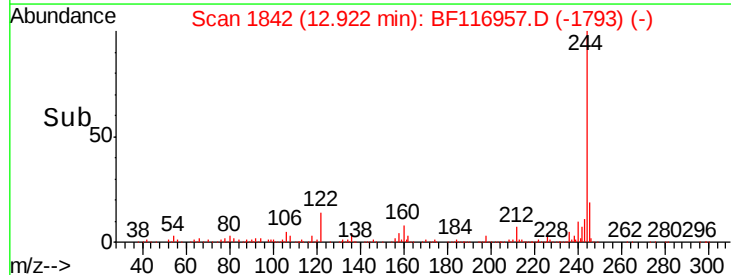
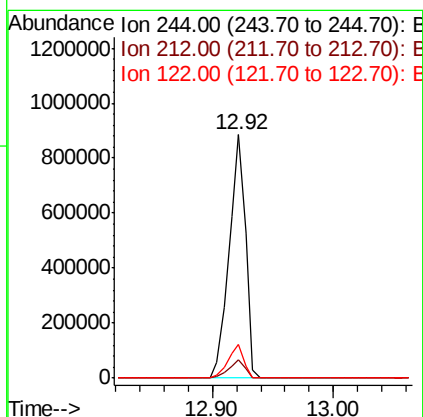
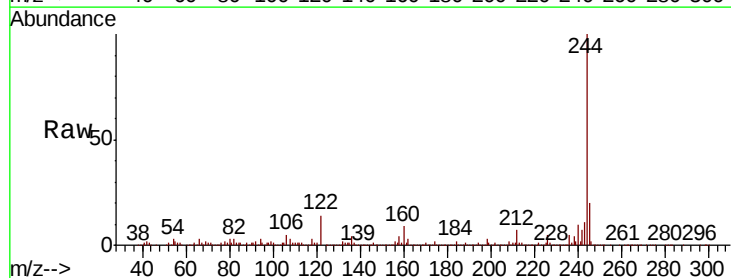
Instrument :
BNA_F
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TP-7-D(4-10)

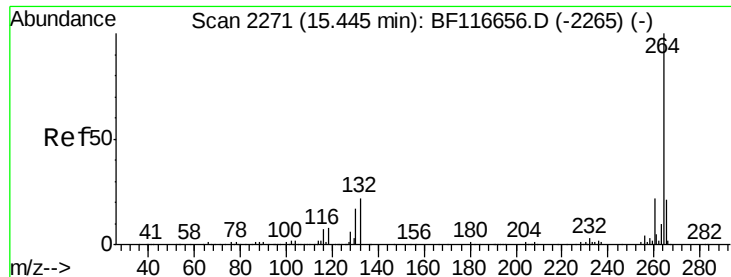
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	25.2	21.1	31.7



#79
Terphenyl-d14
Concen: 61.247 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF116957.D
Acq: 11 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.9	10.2	15.4

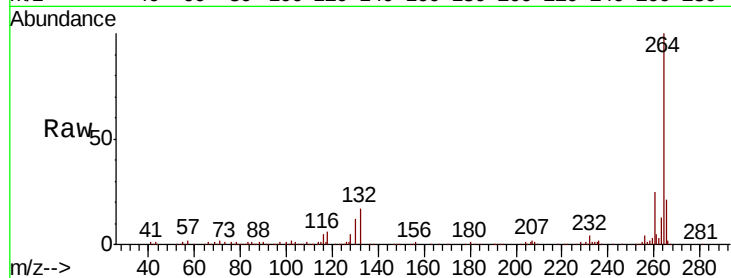




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116957.D
 Acq: 11 Sep 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	21.1	16.5	24.7



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

