

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116963.D
 Acq On : 11 Sep 2019 22:54
 Operator : HP/JU
 Sample : K4819-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-S(2-4)

Quant Time: Sep 12 07:38:10 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

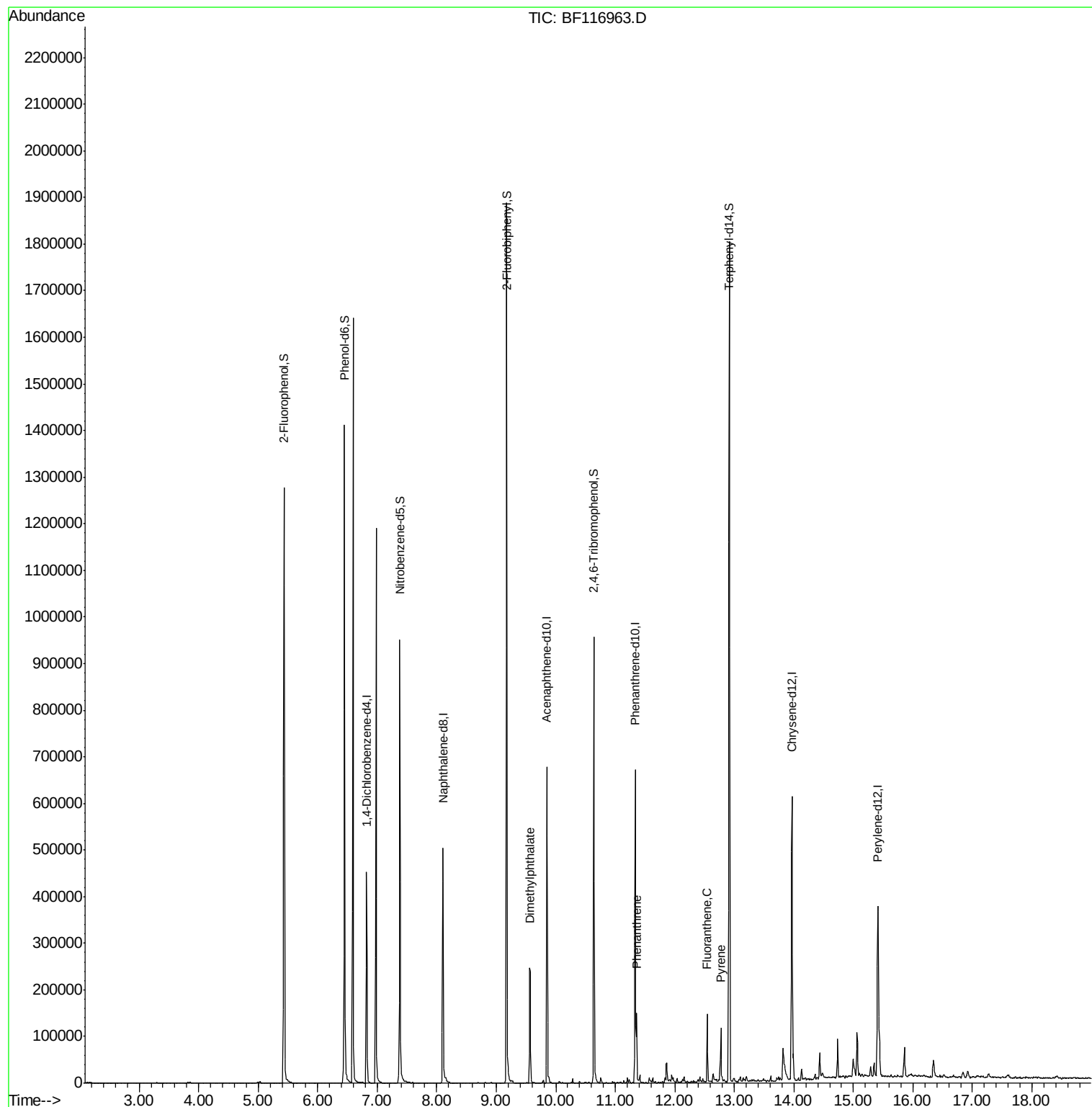
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66337	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	272125	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	142584	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	236638	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	185249	20.00	ng	-0.02
87) Perylene-d12	15.41	264	176374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	379706	92.73	ng	-0.02
7) Phenol-d6	6.45	99	527934	98.19	ng	-0.02
23) Nitrobenzene-d5	7.38	82	328508	68.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	102392	107.42	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	548767	64.92	ng	-0.02
79) Terphenyl-d14	12.92	244	545762	54.50	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	108760	11.048	ng	97
71) Phenanthrene	11.36	178	51379	3.900	ng	97
75) Fluoranthene	12.54	202	60842	4.700	ng	99
78) Pyrene	12.77	202	52566	3.192	ng	99

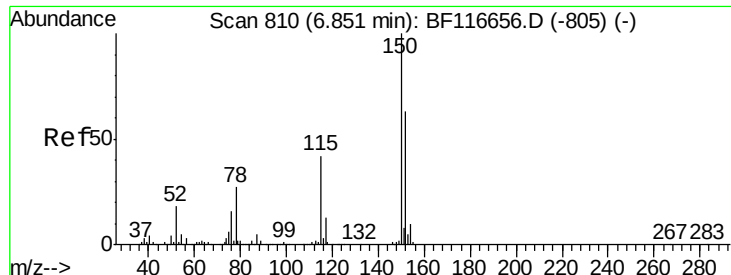
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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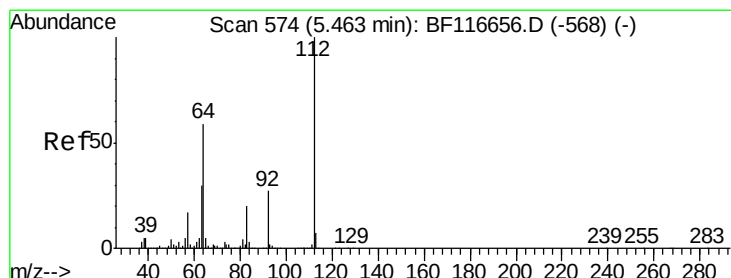
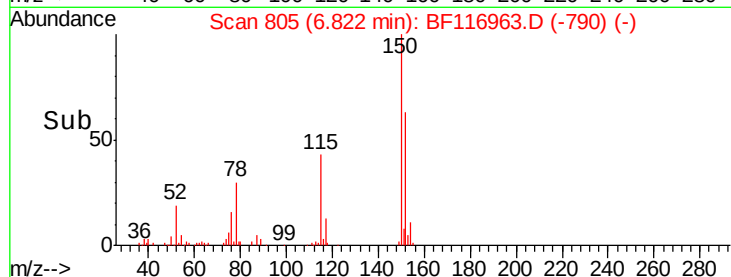
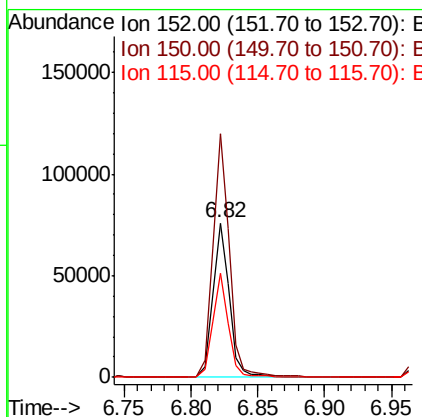
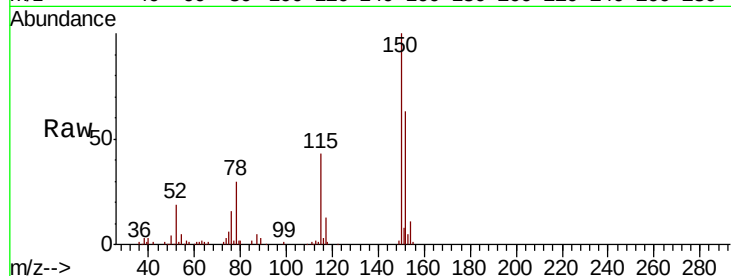


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :
TP-7-S(2-4)

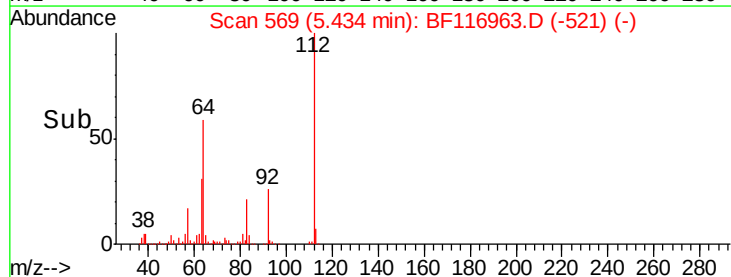
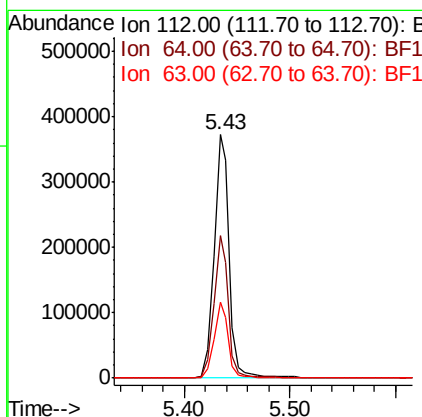
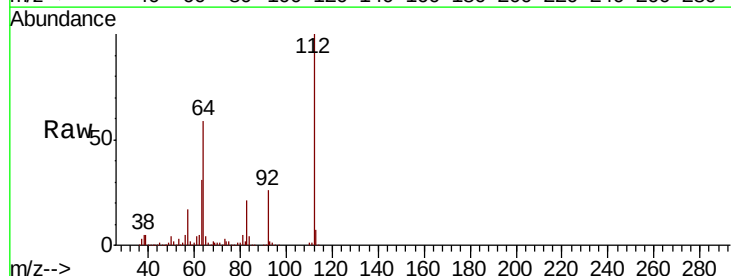
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.4	186.6
115	67.5	49.9	74.9

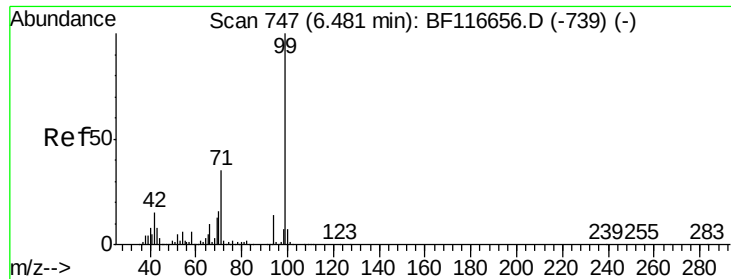


#5

2-Fluorophenol
Concen: 92.730 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	31.0	24.9	37.3





#7

Phenol-d6

Concen: 98.187 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF116963.D

Acq: 11 Sep 2019 22:54

Instrument :

BNA_F

ClientSampleId :

TP-7-S(2-4)

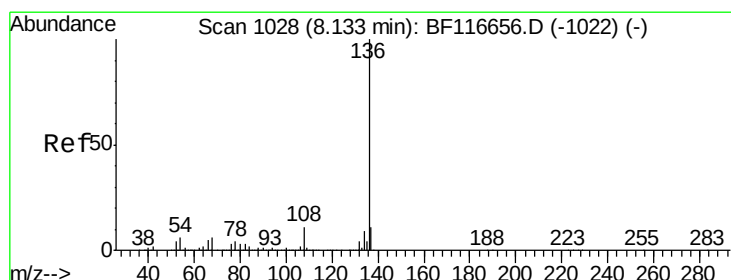
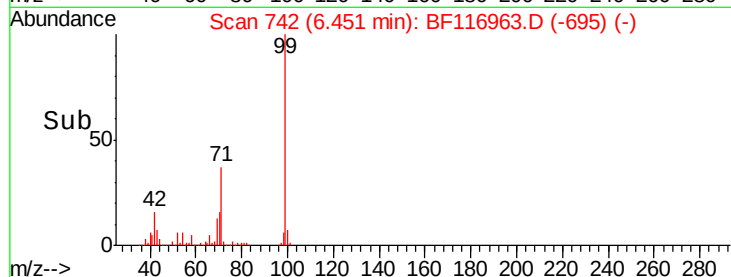
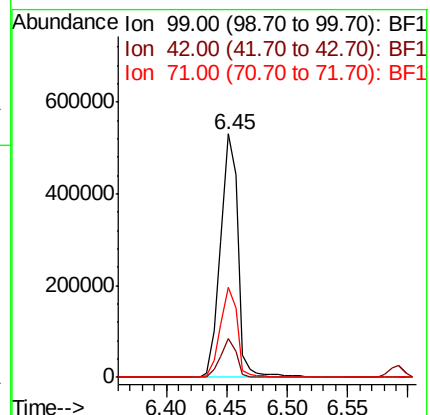
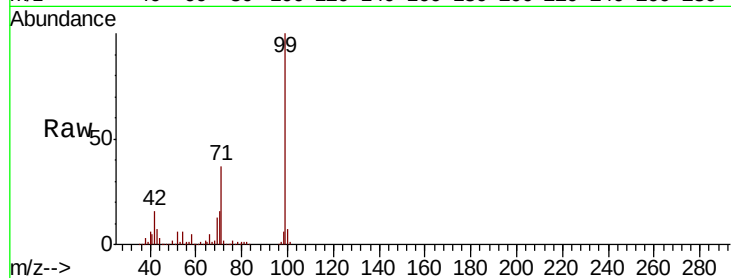
Tot Ion: 99 Resp: 527934

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

71 37.2 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116963.D

Acq: 11 Sep 2019 22:54

Tgt Ion: 136 Resp: 272125

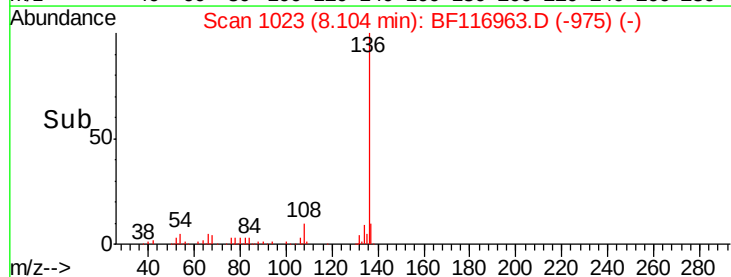
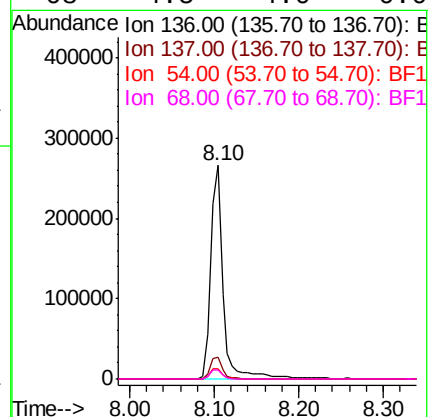
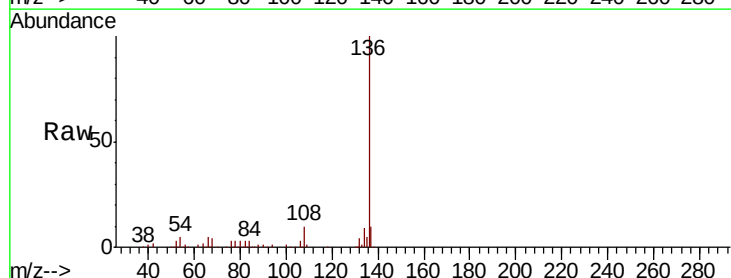
Ion Ratio Lower Upper

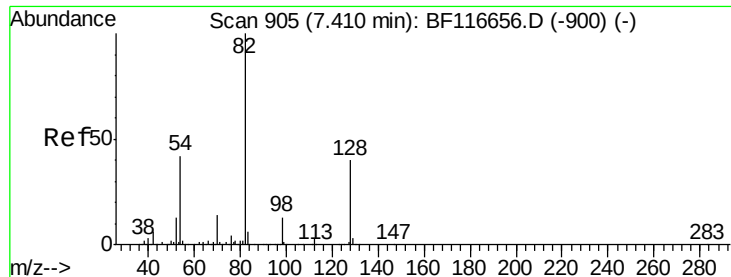
136 100

137 10.0 8.9 13.3

54 4.8 4.8 7.2

68 4.5 4.0 6.0

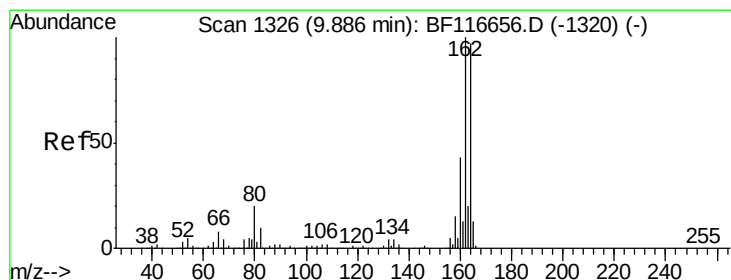
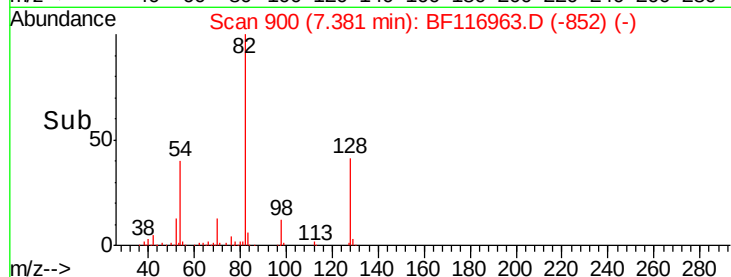
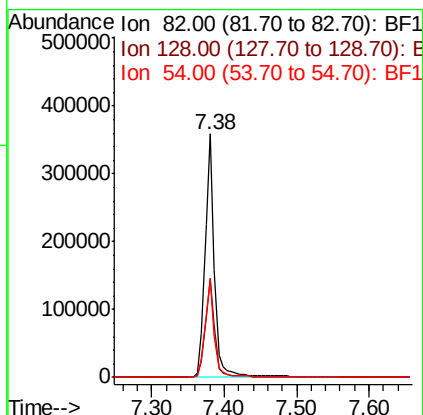
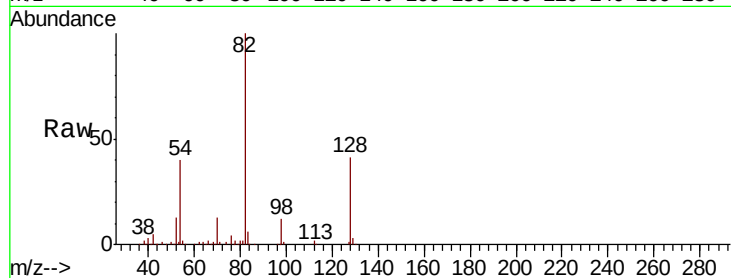




#23
 Nitrobenzene-d5
 Concen: 68.916 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116963.D
 Acq: 11 Sep 2019 22:54

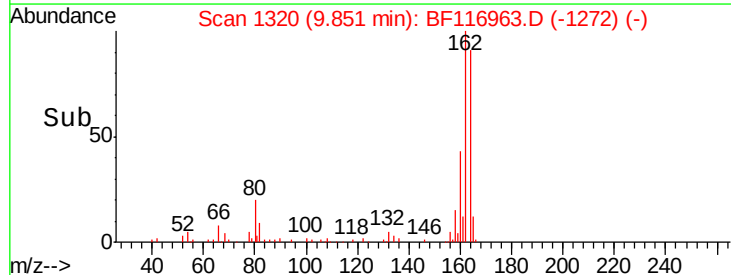
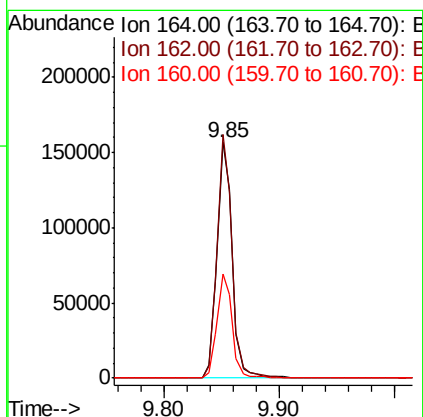
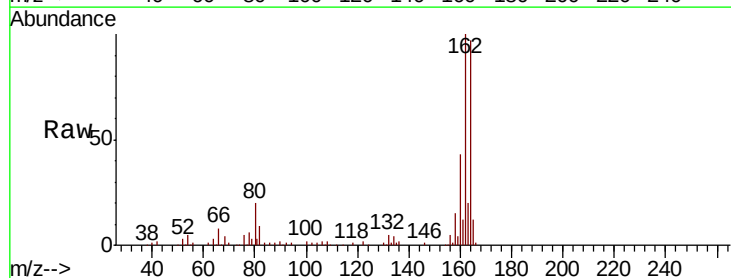
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-S(2-4)

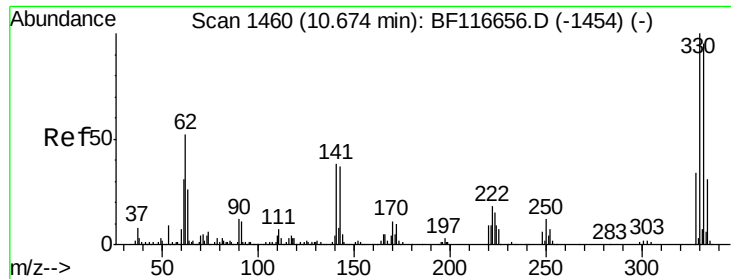
Tot Ion:	82	Resp:	328508
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	40.2	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF116963.D
 Acq: 11 Sep 2019 22:54

Tgt Ion:	164	Resp:	142584
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	44.4	35.4	53.2

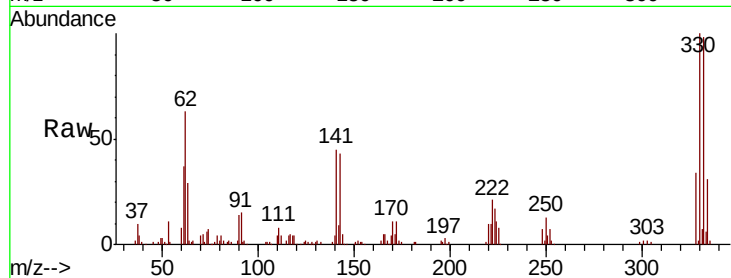




#42
 2,4,6-Tribromophenol
 Concen: 107.419 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116963.D
 Acq: 11 Sep 2019 22:54

Instrument :
 BNA_F
 ClientSampled :
 TP-7-S(2-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	46.4	31.4	47.2

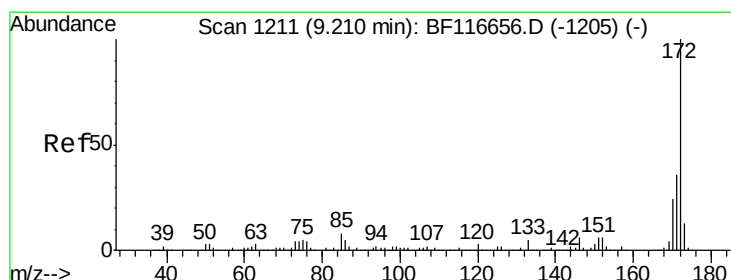
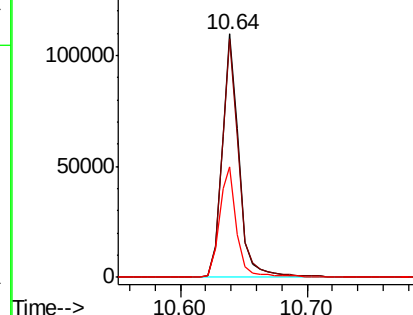
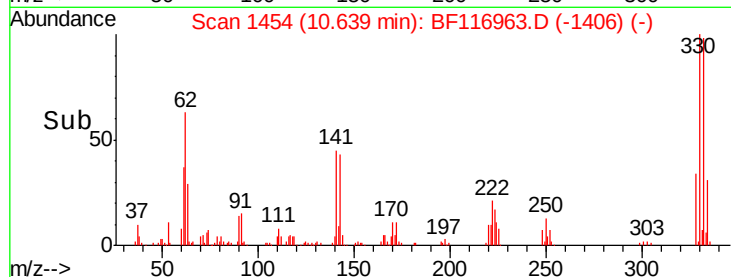


Abundance

Ion 329.80 (329.50 to 330.50): E

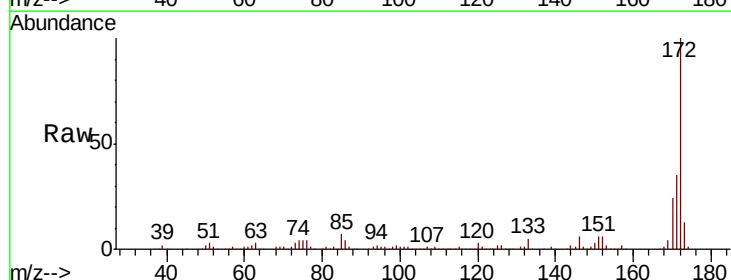
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.924 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116963.D
 Acq: 11 Sep 2019 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.0	18.9	28.3

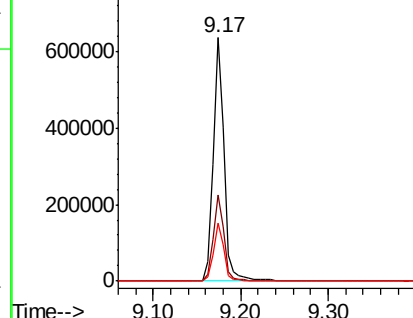
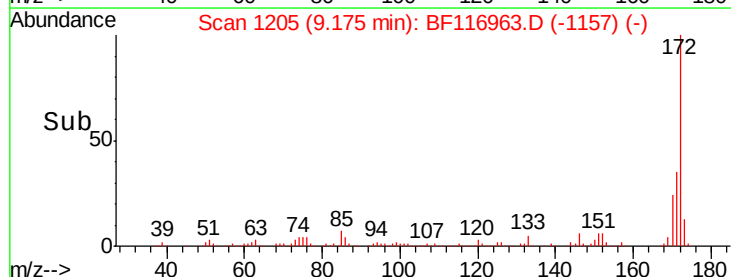


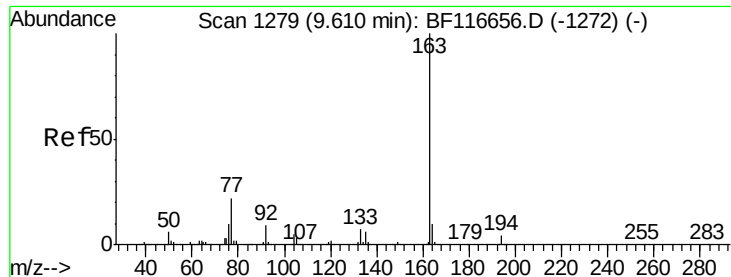
Abundance

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

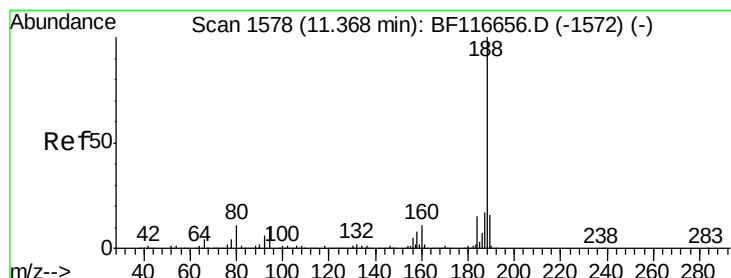
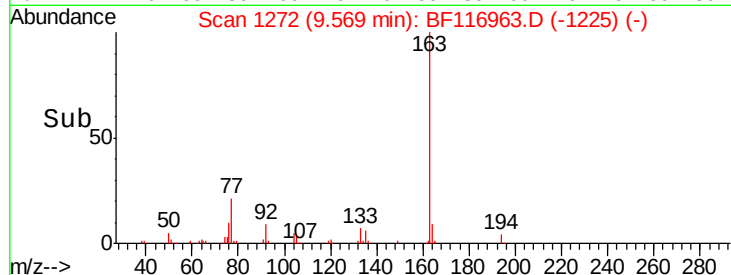
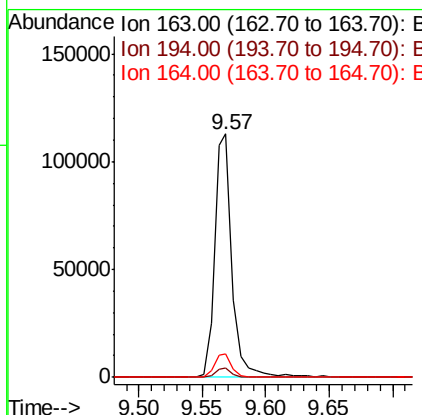
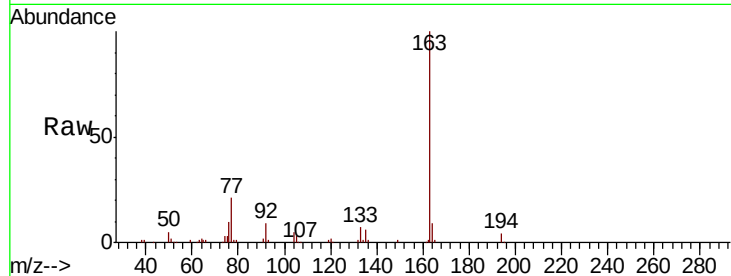




#50
Dimethylphthalate
Concen: 11.048 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

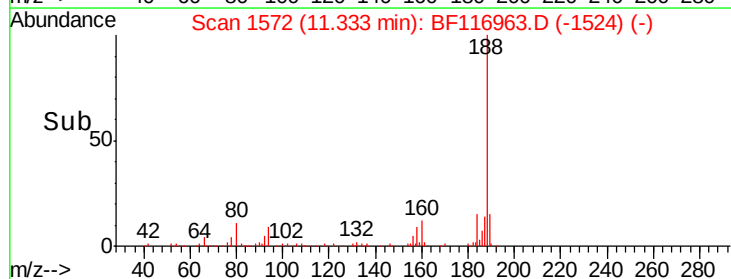
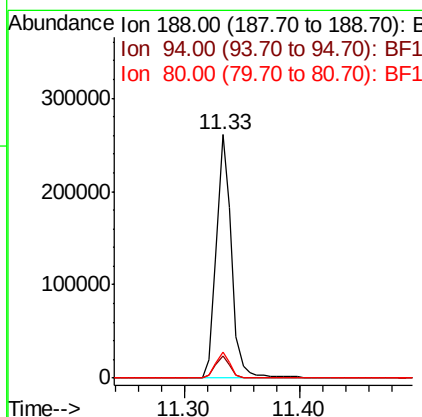
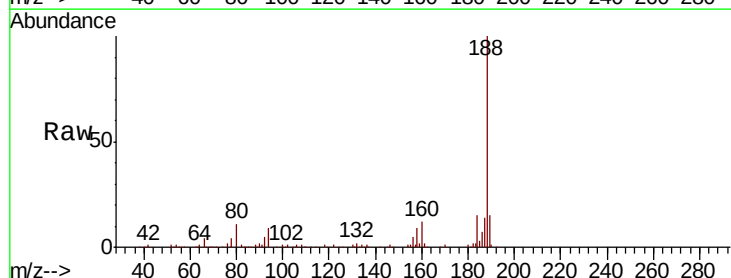
Instrument :
BNA_F
ClientSampleId :
TP-7-S(2-4)

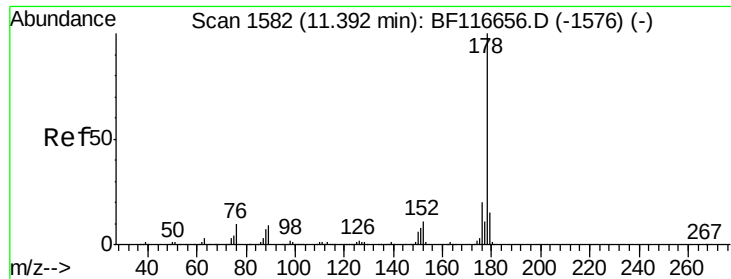
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.4	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.3	10.9
80	10.7	8.4	12.6

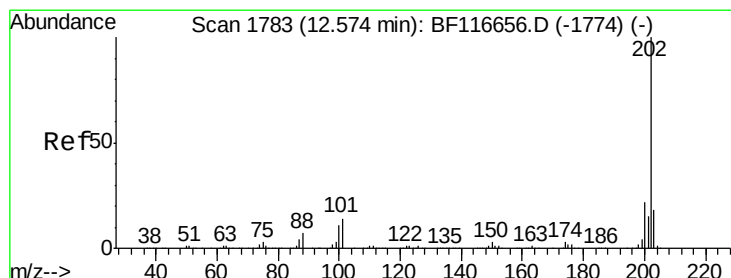
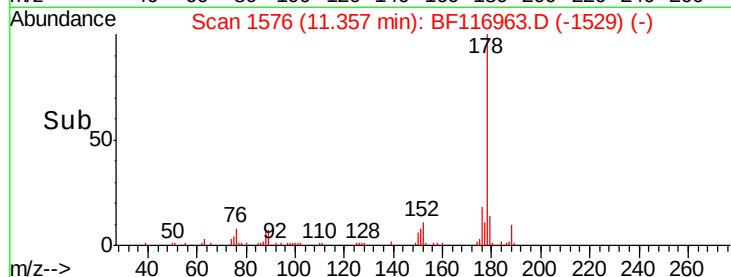
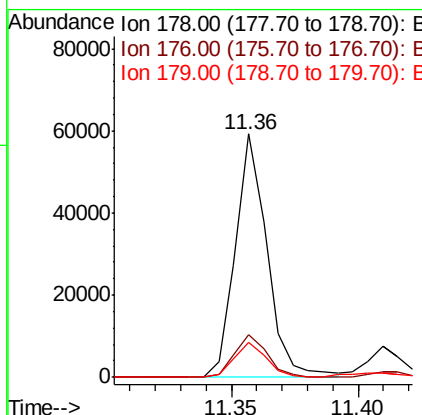
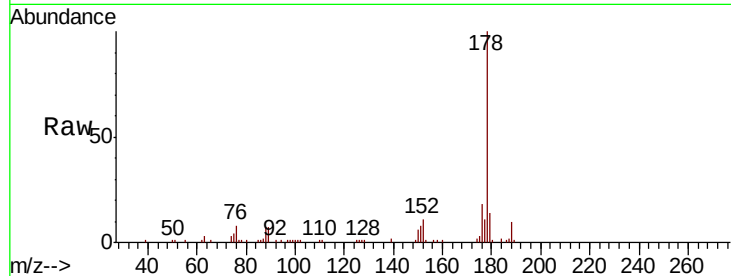




#71
Phenanthrene
Concen: 3.900 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

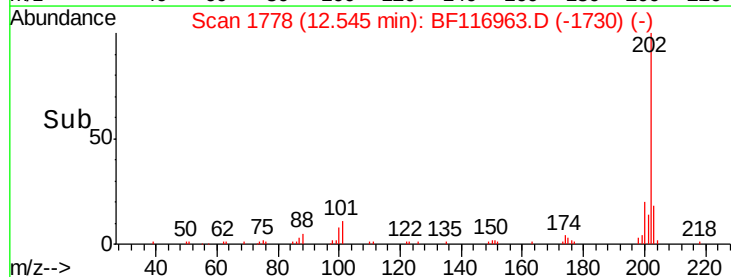
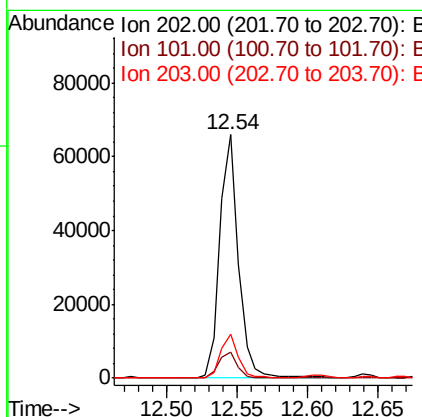
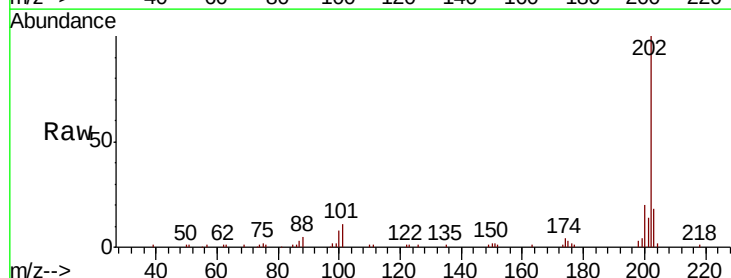
Instrument :
BNA_F
ClientSampleId :
TP-7-S(2-4)

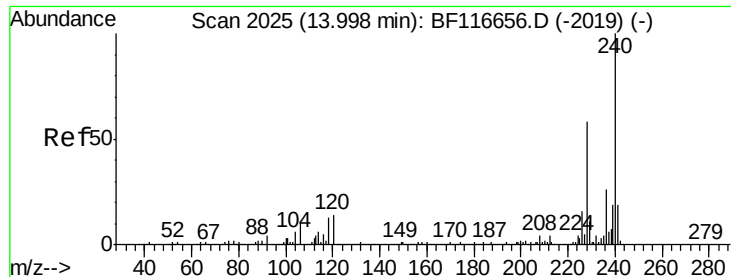
Tot Ion:178 Resp: 51379
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 14.4 12.2 18.2



#75
Fluoranthene
Concen: 4.700 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:202 Resp: 60842
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.3
203 18.2 0.0 37.6

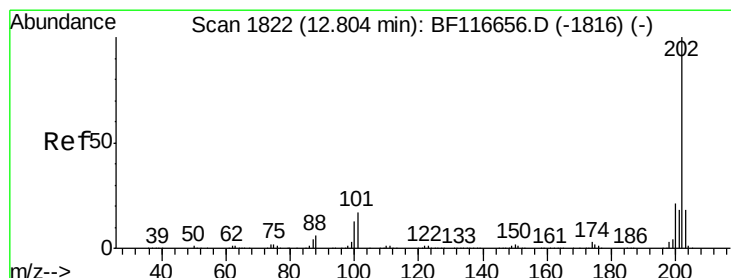
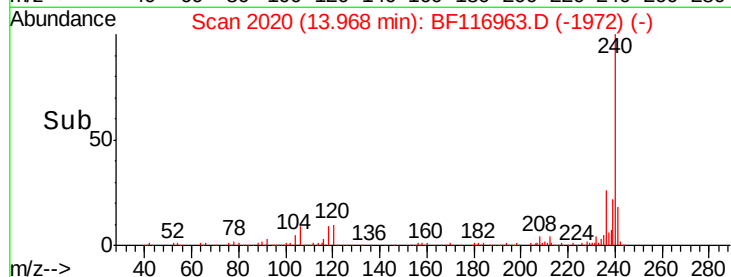
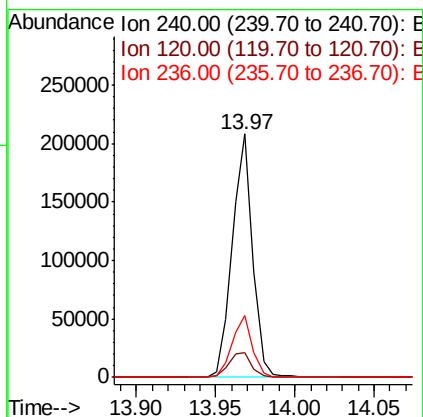
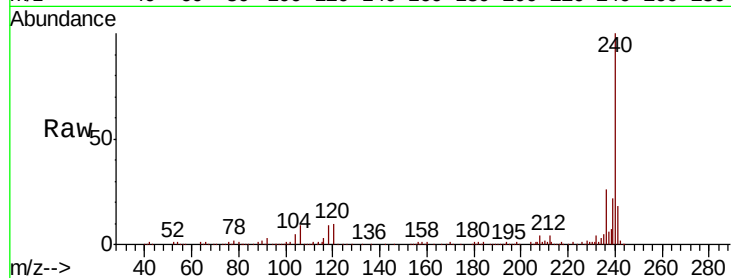




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

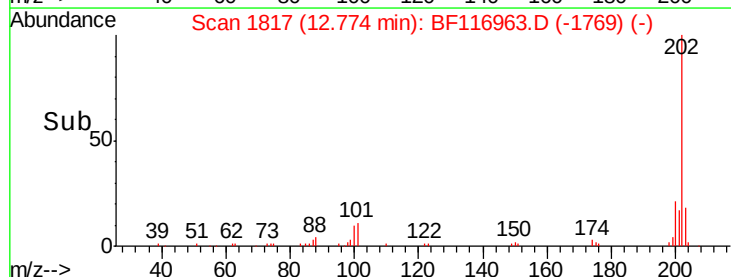
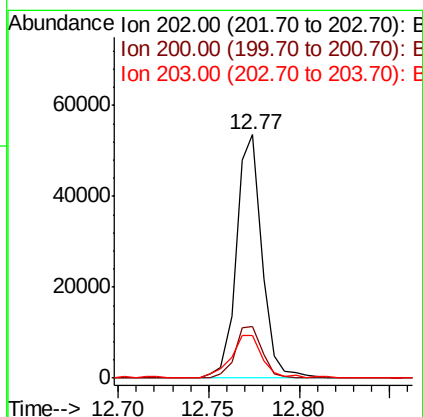
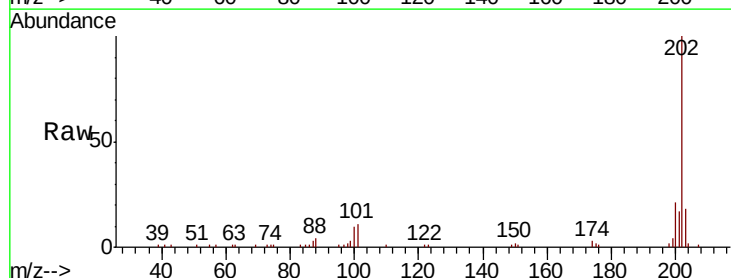
Instrument :
BNA_F
ClientSampled :
TP-7-S(2-4)

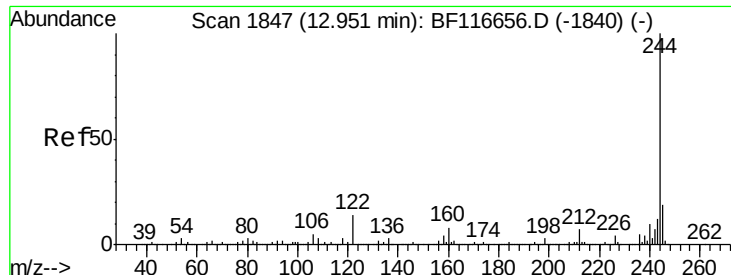
Tot Ion:240 Resp: 185249
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 25.5 21.1 31.7



#78
Pyrene
Concen: 3.192 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:202 Resp: 52566
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 17.7 13.7 20.5

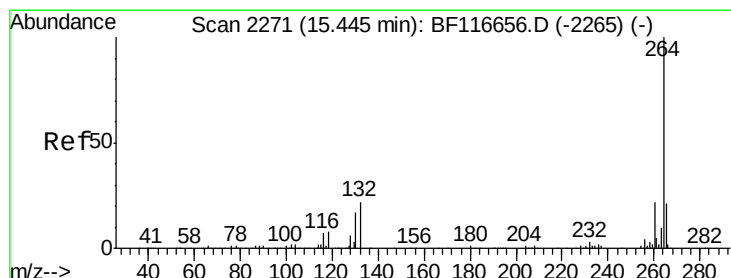
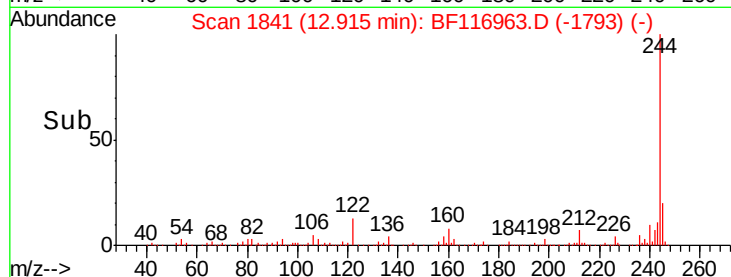
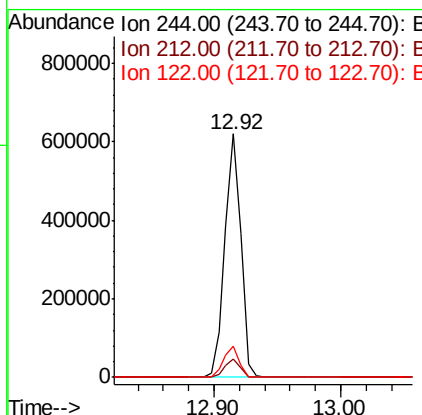
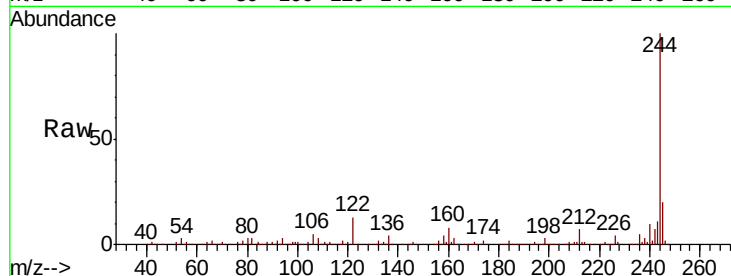




#79
 Terphenyl-d14
 Concen: 54.501 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF116963.D
 Acq: 11 Sep 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-S(2-4)

Tot Ion:244 Resp: 545762
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.6 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BF116963.D
 Acq: 11 Sep 2019 22:54

Tgt Ion:264 Resp: 176374
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 21.4 16.5 24.7

