

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116257.D
 Acq On : 14 Aug 2019 3:31
 Operator : HP/JU
 Sample : K4089-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

Quant Time: Aug 14 05:44:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

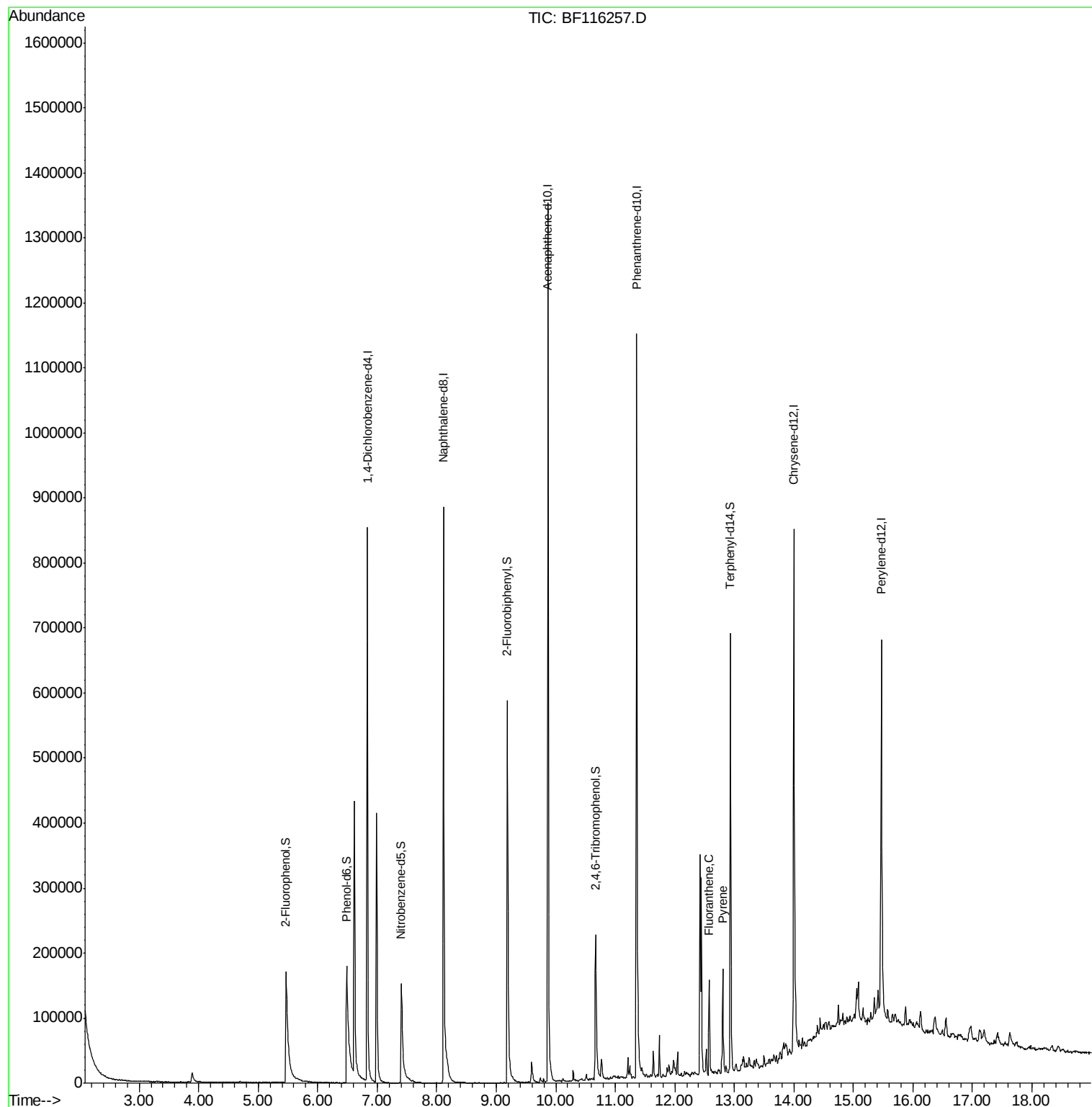
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	144283	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	595778	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	304078	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	495202	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	317243	20.00	ng	0.00
87) Perylene-d12	15.47	264	324477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	140597	16.31	ng	0.00
7) Phenol-d6	6.49	99	207876	19.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	128544	12.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	44838	15.21	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	266688	16.43	ng	-0.02
79) Terphenyl-d14	12.93	244	236573	15.71	ng	-0.02
Target Compounds						
75) Fluoranthene	12.57	202	69852	2.636	ng	98
78) Pyrene	12.80	202	66564	2.783	ng	97

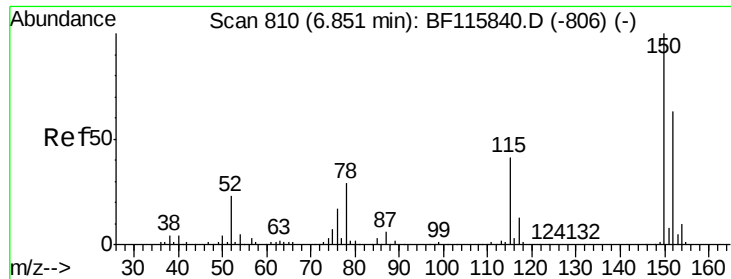
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116257.D
Acq On : 14 Aug 2019 3:31
Operator : HP/JU
Sample : K4089-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081219

Quant Time: Aug 14 05:44:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



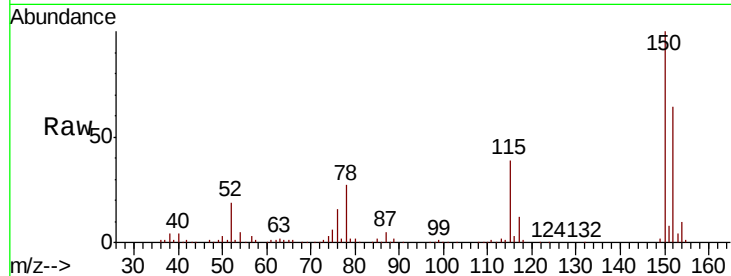


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116257.D
 Acq: 14 Aug 2019 3:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	60.4	49.9	74.9

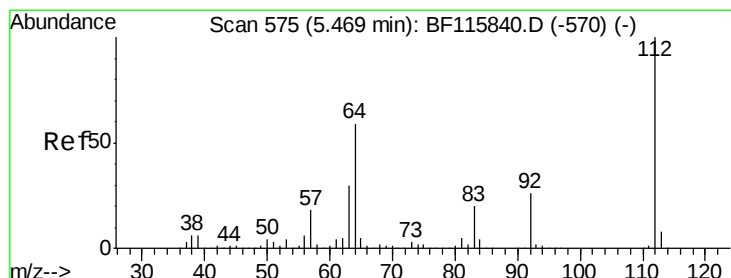
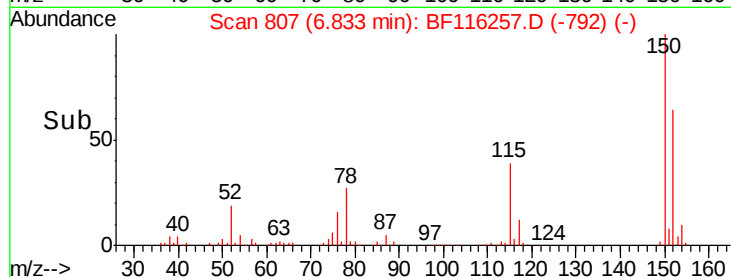
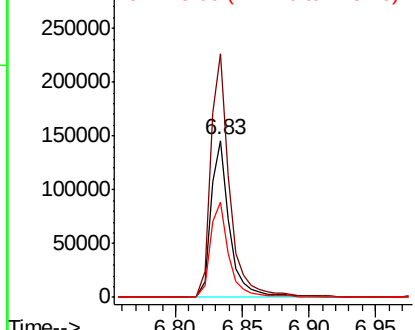


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

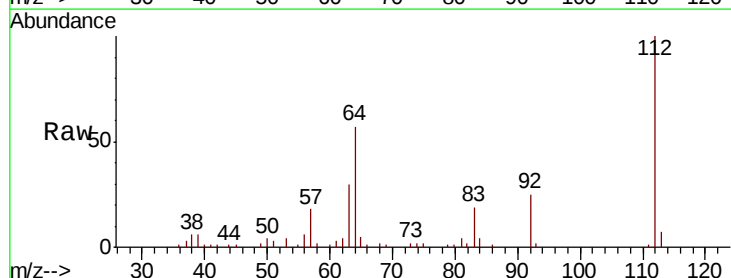
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 16.313 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116257.D
 Acq: 14 Aug 2019 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	30.3	23.7	35.5

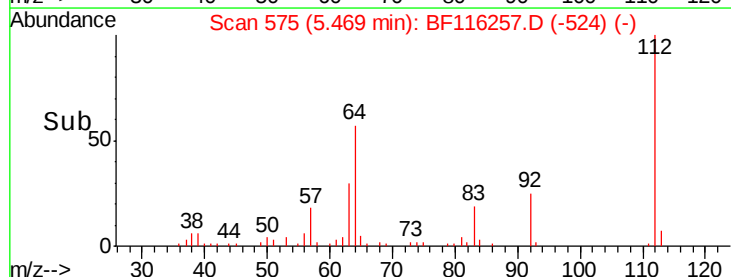
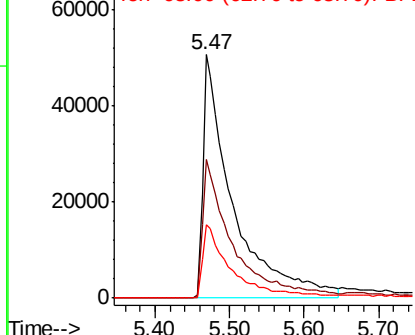


Abundance

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: 19.117 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116257.D

Acq: 14 Aug 2019 3:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

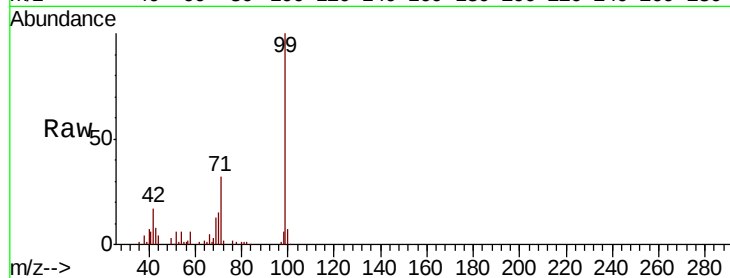
Tot Ion: 99 Resp: 207876

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

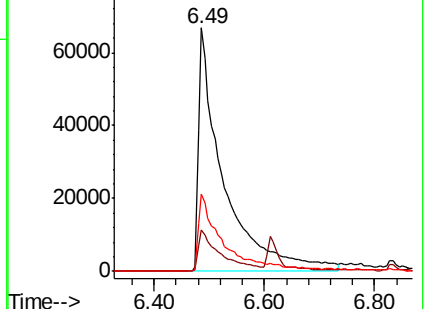
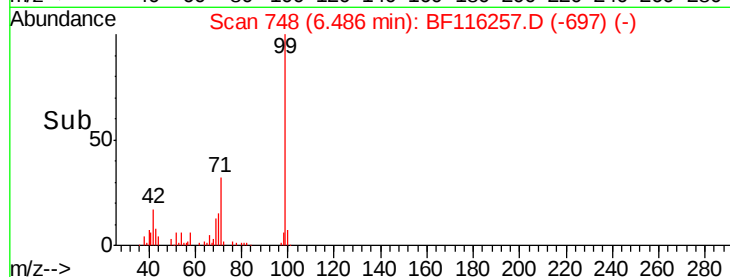
71 31.8 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116257.D

Acq: 14 Aug 2019 3:31

Tgt Ion: 136 Resp: 595778

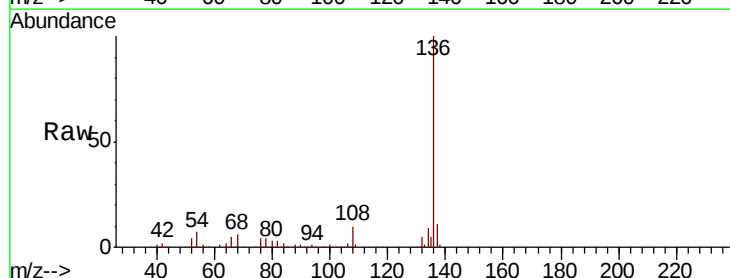
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.5 5.8 8.6

68 5.7 5.2 7.8

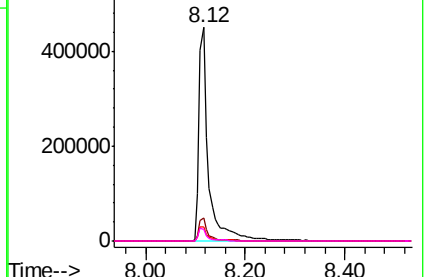
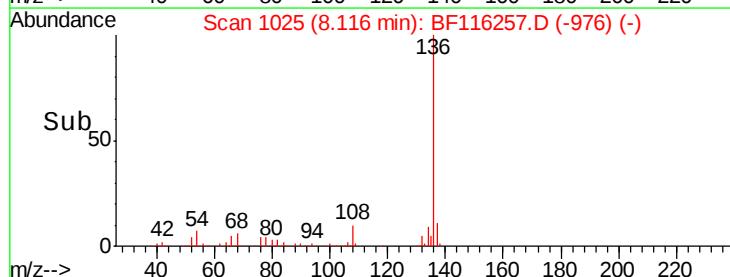


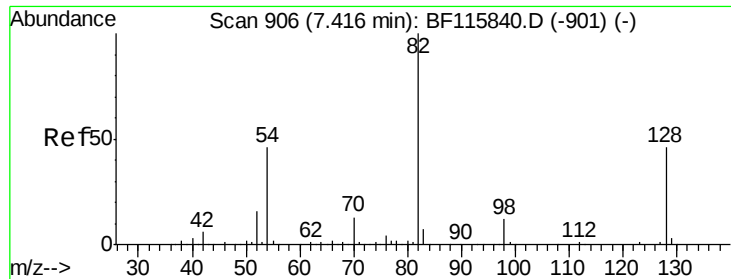
Abundance Ion 136.00 (135.70 to 136.70): E

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

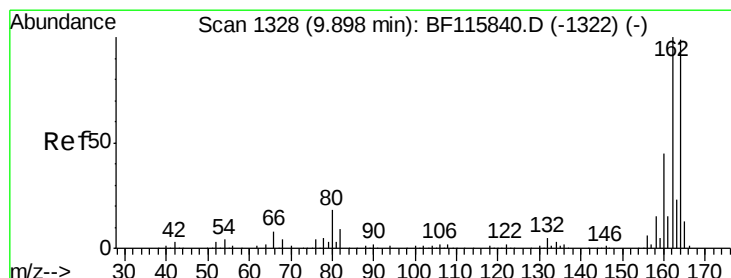
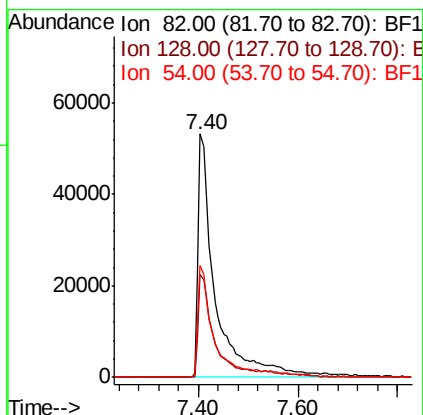
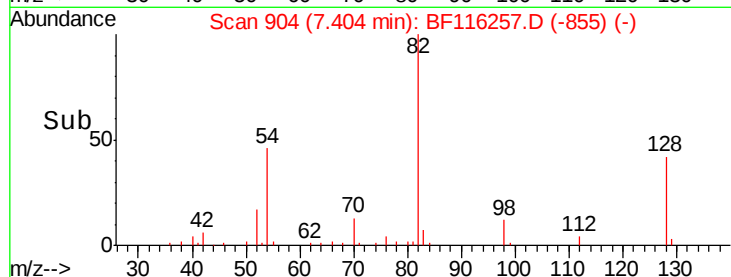
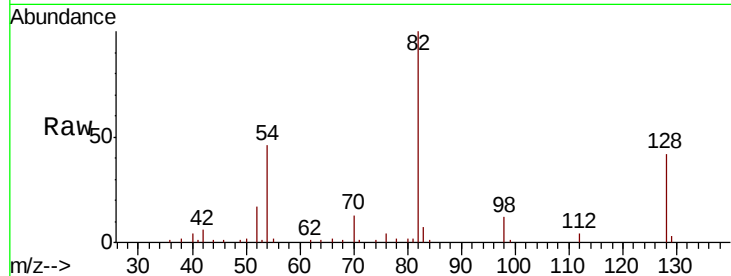




#23
 Nitrobenzene-d5
 Concen: 12.454 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116257.D
 Acq: 14 Aug 2019 3:31

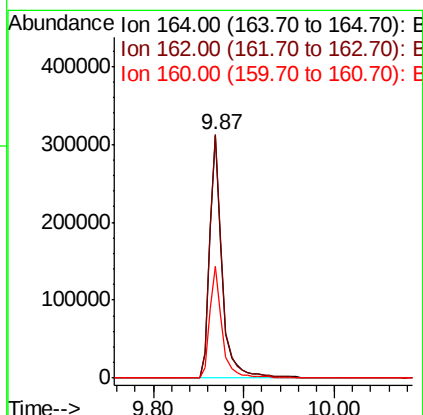
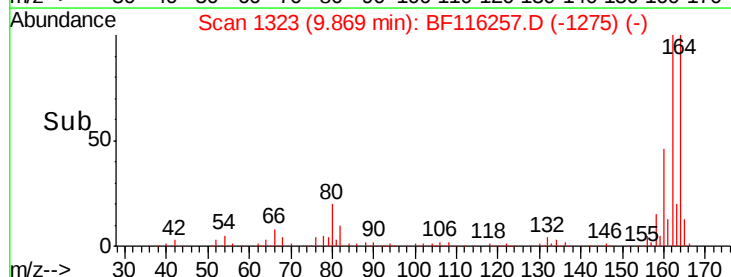
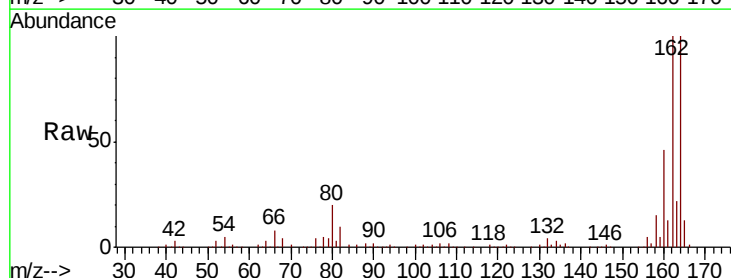
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

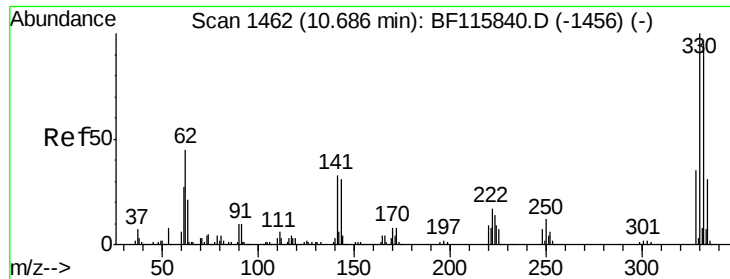
Tot Ion: 82 Resp: 128544
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.5 54.7
 54 45.8 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116257.D
 Acq: 14 Aug 2019 3:31

Tgt Ion: 164 Resp: 304078
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 124.0
 160 45.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 15.209 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116257.D

Acq: 14 Aug 2019 3:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

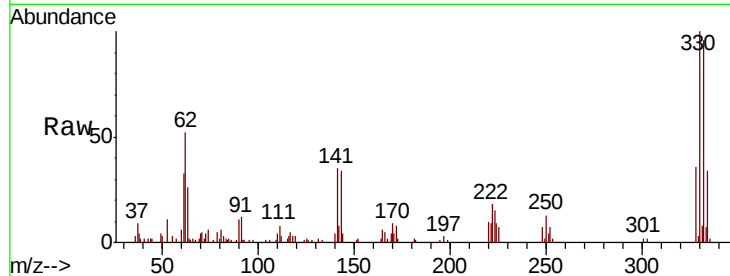
Tot Ion:330 Resp: 44838

Ion Ratio Lower Upper

330 100

332 94.6 76.8 115.2

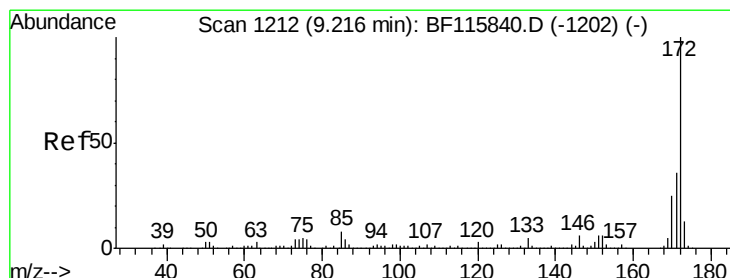
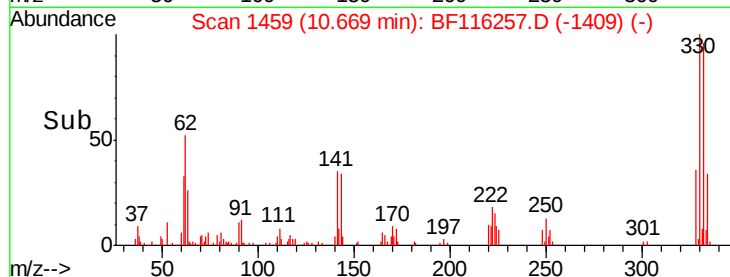
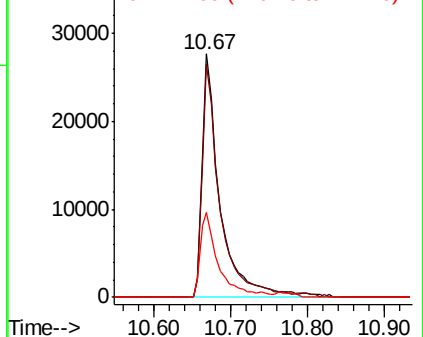
141 35.3 26.3 39.5



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: 16.428 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116257.D

Acq: 14 Aug 2019 3:31

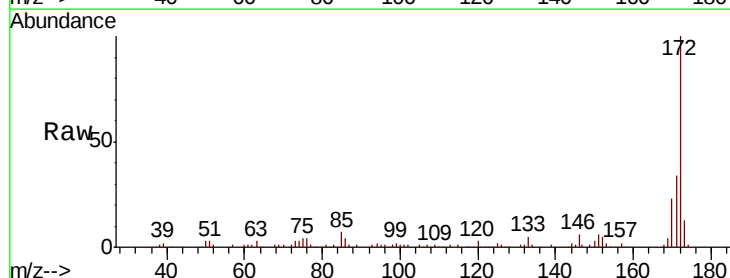
Tgt Ion:172 Resp: 266688

Ion Ratio Lower Upper

172 100

171 34.1 29.6 44.4

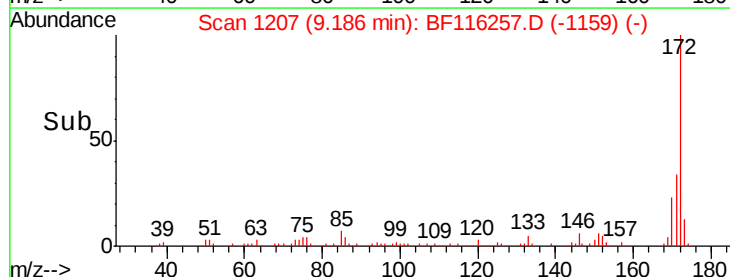
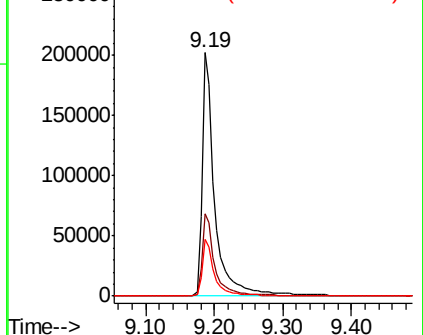
170 23.5 20.1 30.1

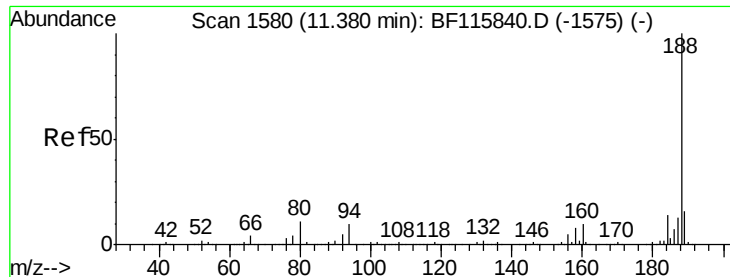


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

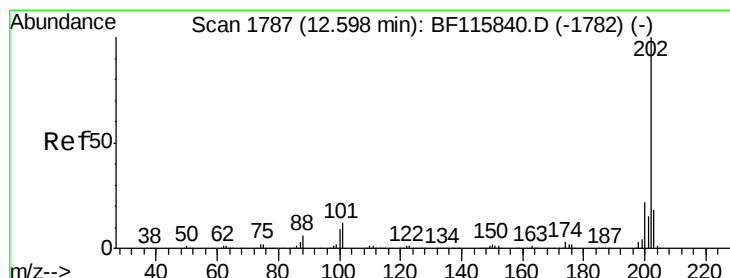
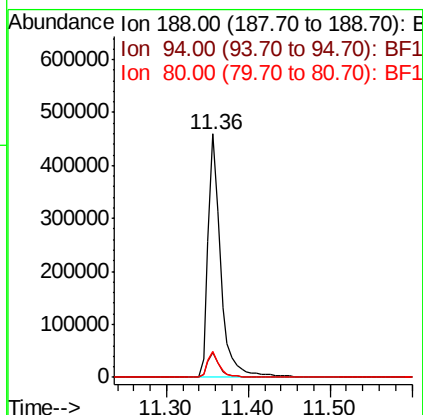
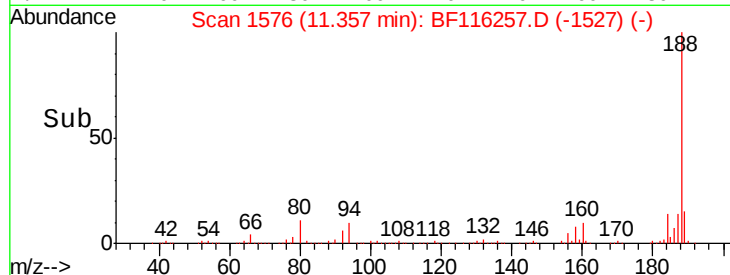
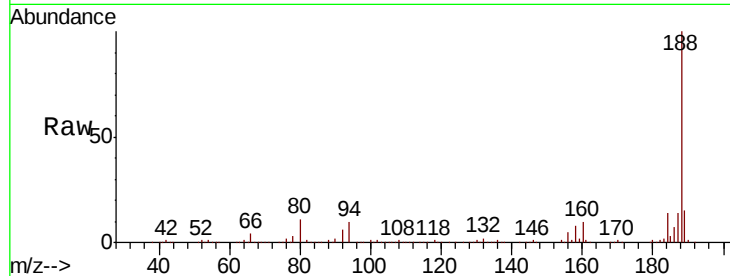




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116257.D
Acq: 14 Aug 2019 3:31

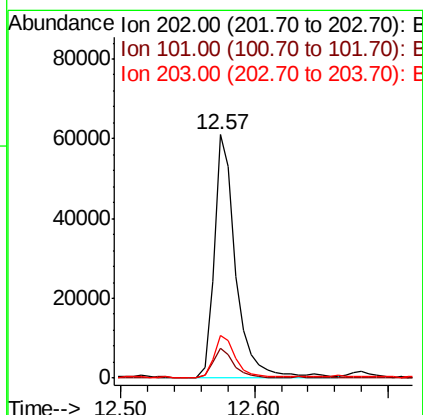
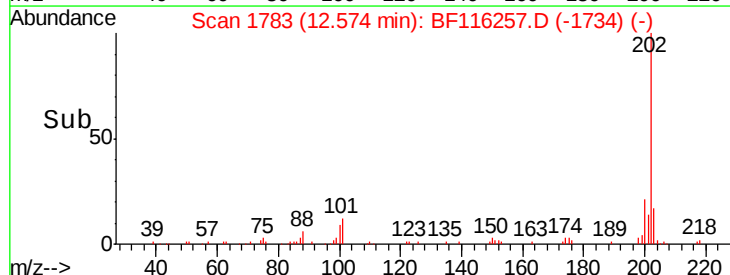
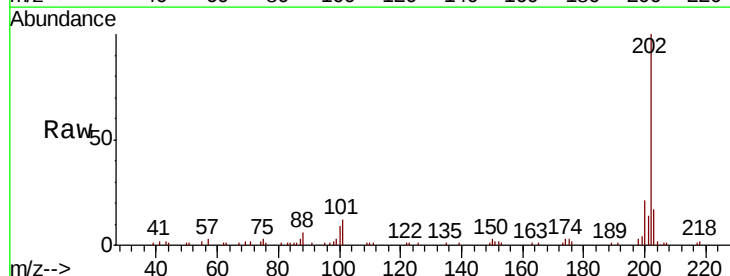
Instrument :
BNA_F
ClientSampleId :
OK-03-081219

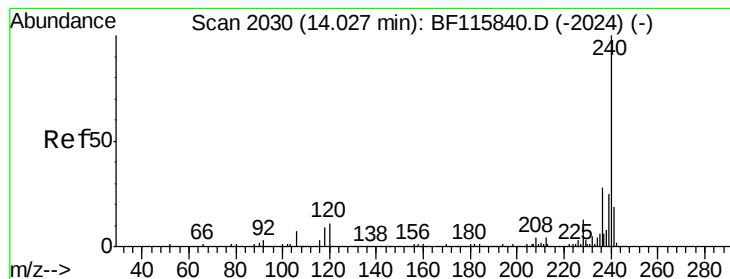
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.5	8.7	13.1



#75
Fluoranthene
Concen: 2.636 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116257.D
Acq: 14 Aug 2019 3:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
203	17.4	0.0	37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116257.D

Acq: 14 Aug 2019 3:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

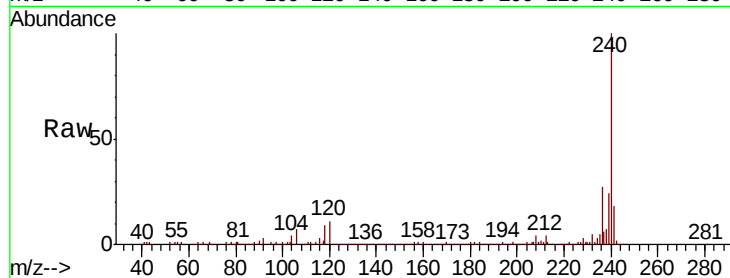
Tot Ion:240 Resp: 317243

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

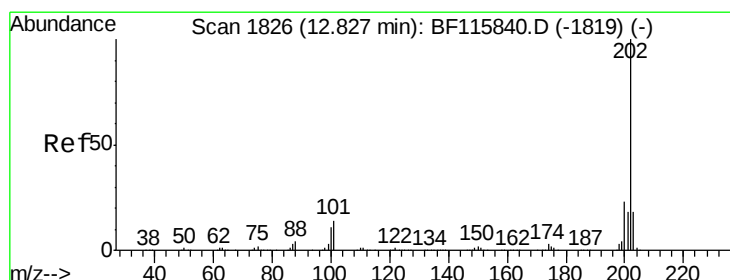
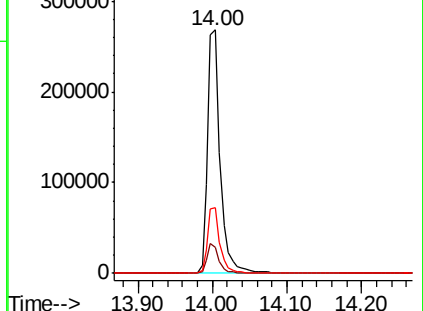
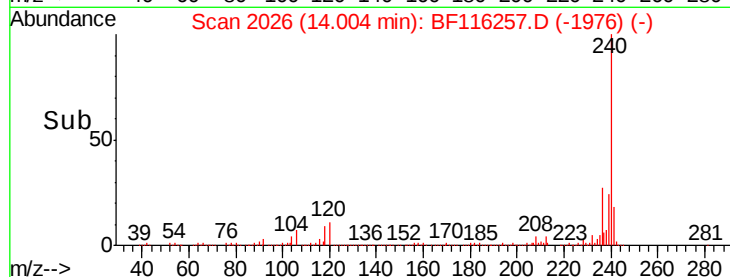
236 26.9 22.2 33.2



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



#78

Pyrene

Concen: 2.783 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116257.D

Acq: 14 Aug 2019 3:31

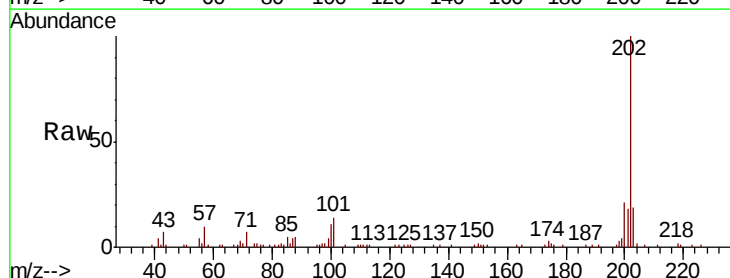
Tgt Ion:202 Resp: 66564

Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

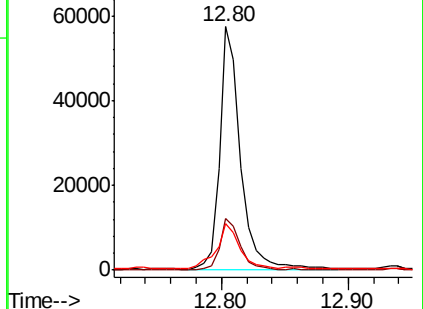
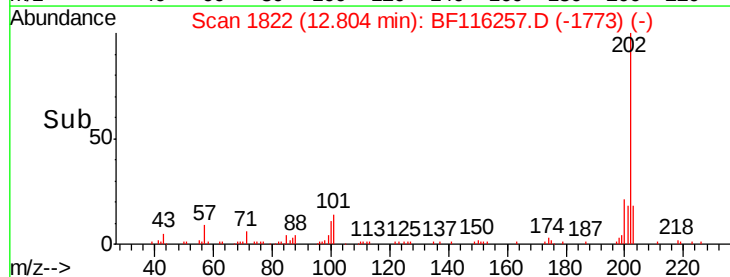
203 19.0 14.1 21.1

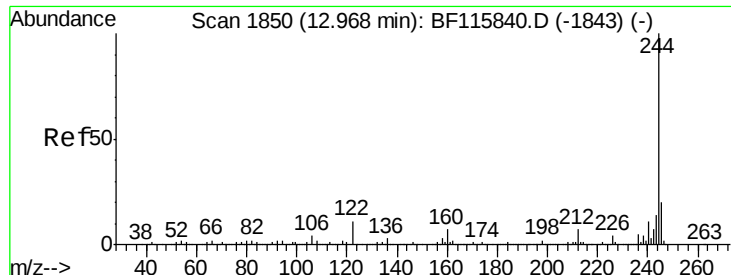


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

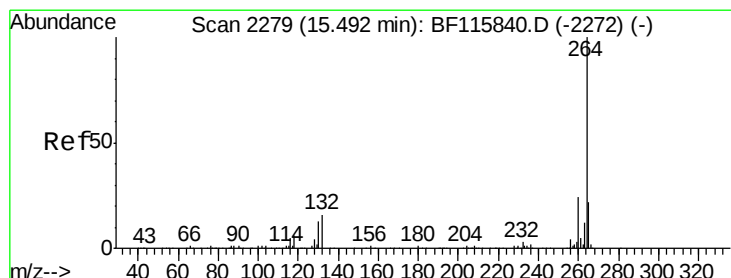
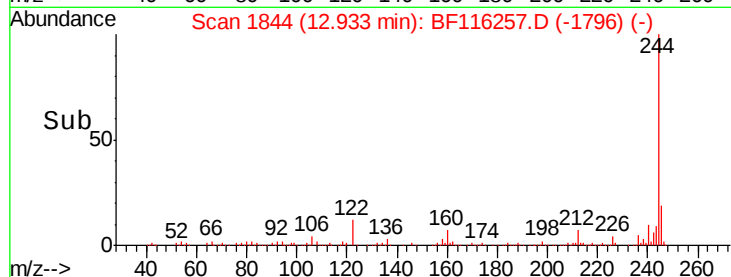
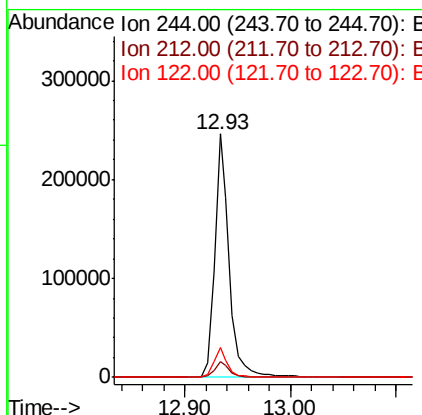
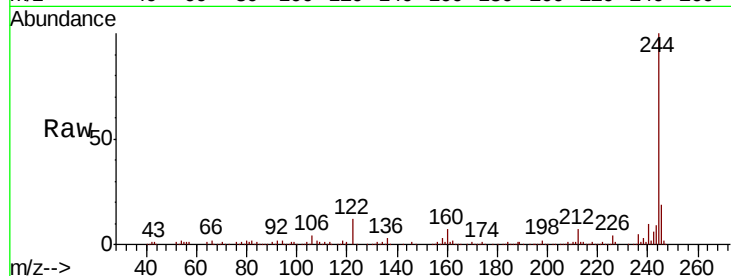




#79
 Terphenyl-d14
 Concen: 15.713 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116257.D
 Acq: 14 Aug 2019 3:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.0	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116257.D
 Acq: 14 Aug 2019 3:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.6	17.4	26.0

