

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116193.D
 Acq On : 12 Aug 2019 15:52
 Operator : HP/JU
 Sample : K3613-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Quant Time: Aug 12 16:19:31 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	122132	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	505375	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	274338	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	488775	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	322665	20.00	ng	-0.01
87) Perylene-d12	15.47	264	353654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	149866	20.54	ng	0.00
7) Phenol-d6	6.47	99	214743	23.33	ng	-0.01
23) Nitrobenzene-d5	7.40	82	129391	14.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	48984	18.42	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	236120	16.12	ng	-0.02
79) Terphenyl-d14	12.93	244	237127	15.49	ng	-0.02

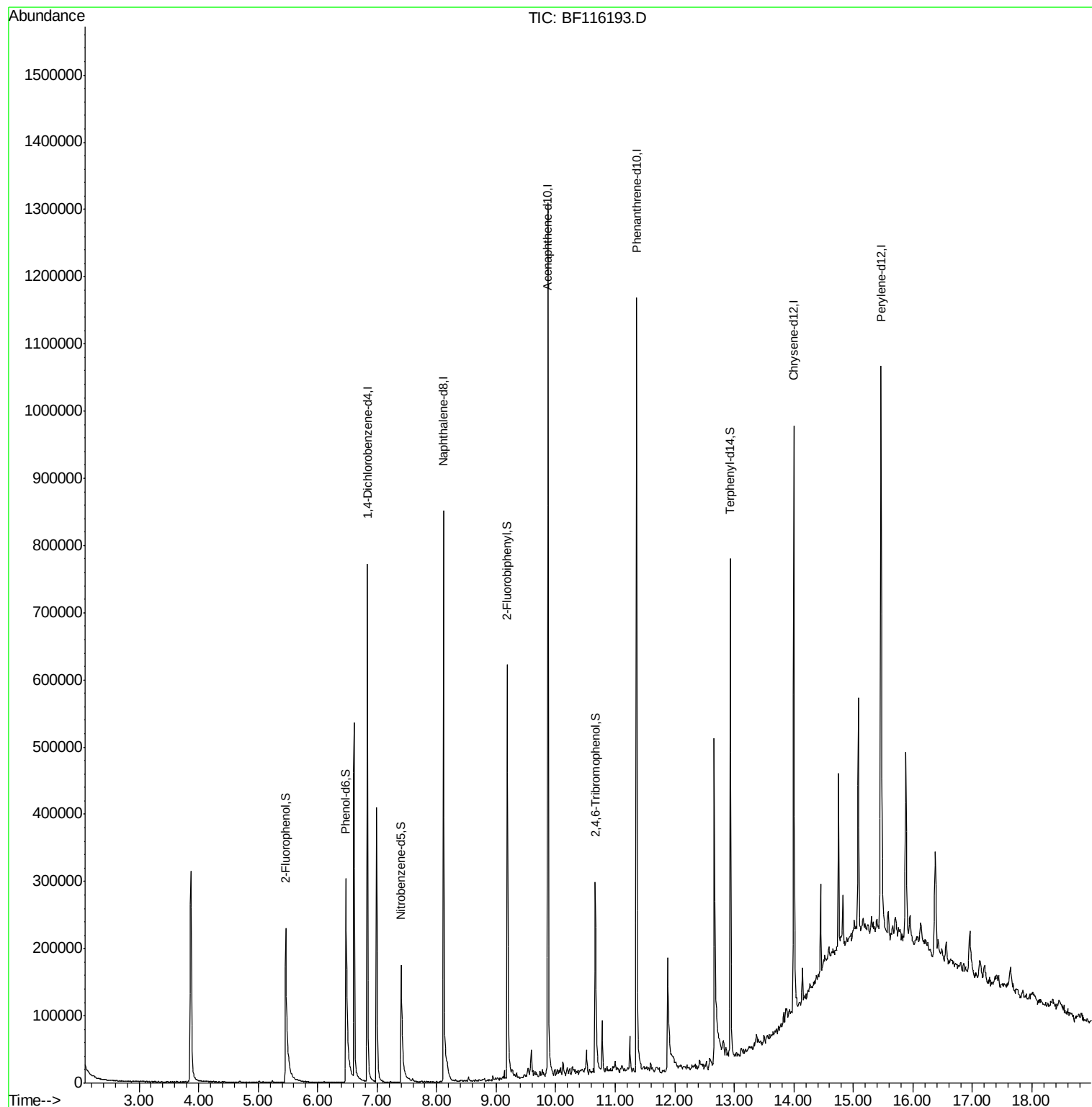
Target Compounds Qvalue

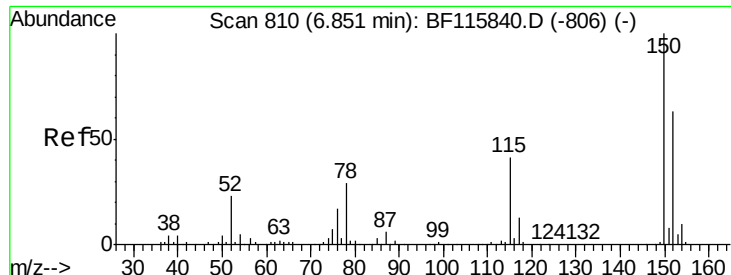
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF116193.D

Acq: 12 Aug 2019 15:52

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

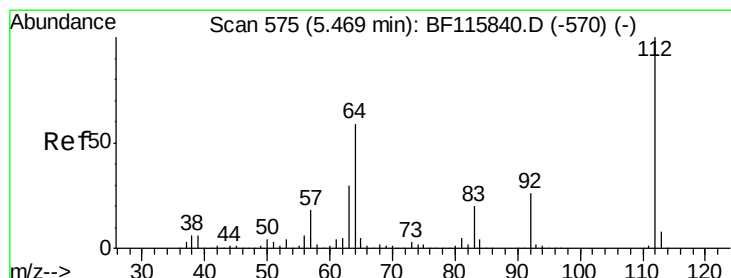
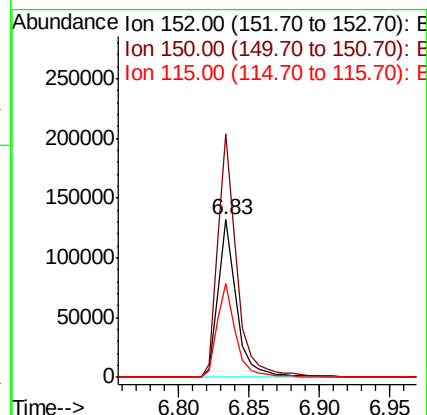
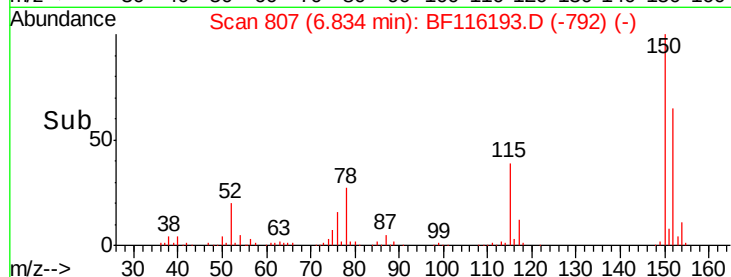
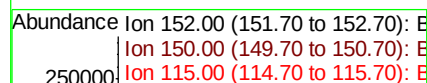
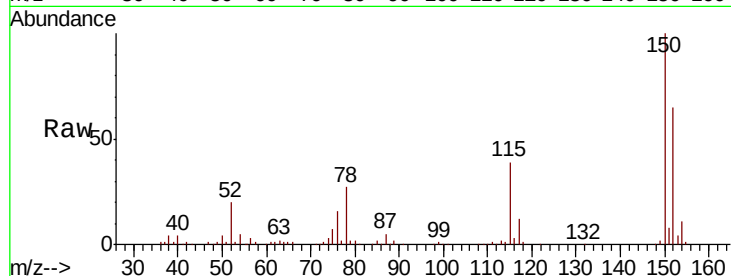
Tot Ion:152 Resp: 122132

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.2

115 59.5 49.9 74.9



#5

2-Fluorophenol

Concen: 20.542 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116193.D

Acq: 12 Aug 2019 15:52

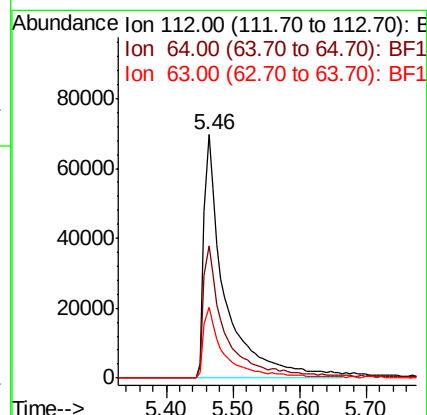
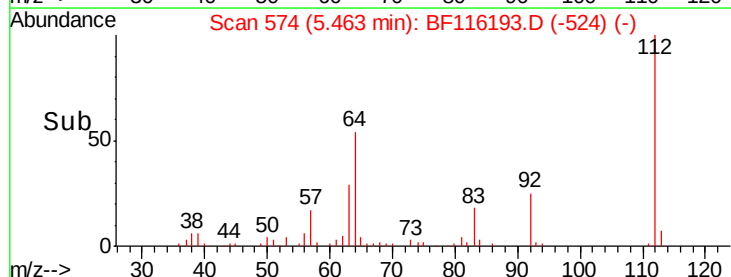
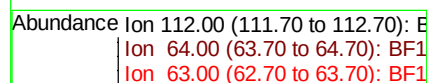
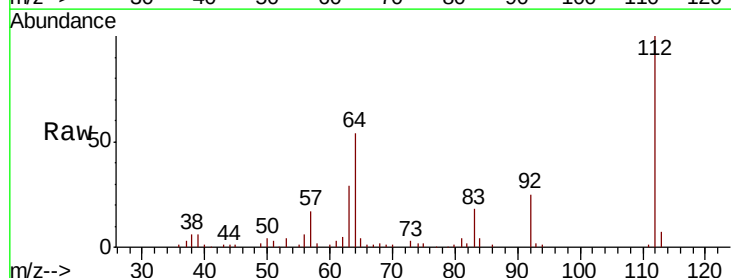
Tgt Ion:112 Resp: 149866

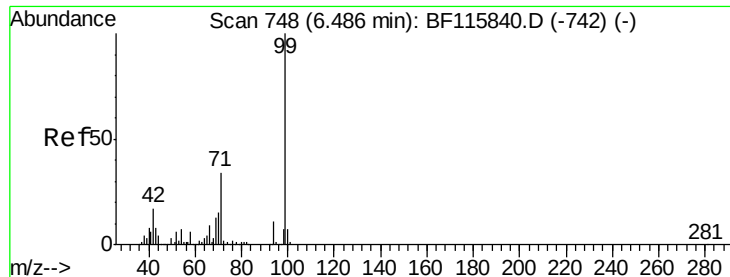
Ion Ratio Lower Upper

112 100

64 54.3 45.4 68.2

63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 23.330 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116193.D

Acq: 12 Aug 2019 15:52

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

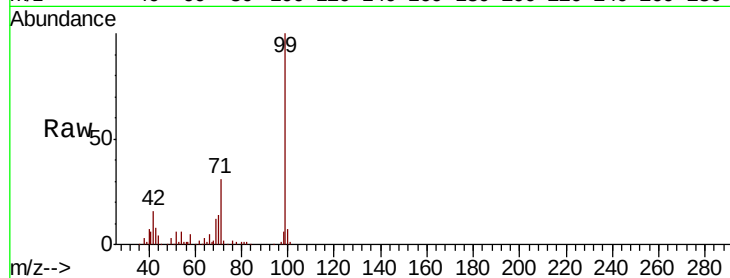
Tot Ion: 99 Resp: 214743

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

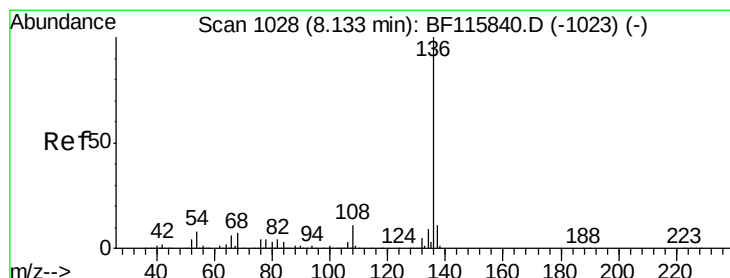
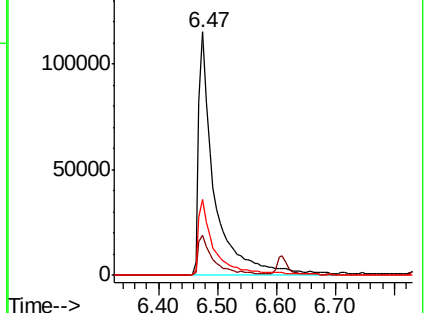
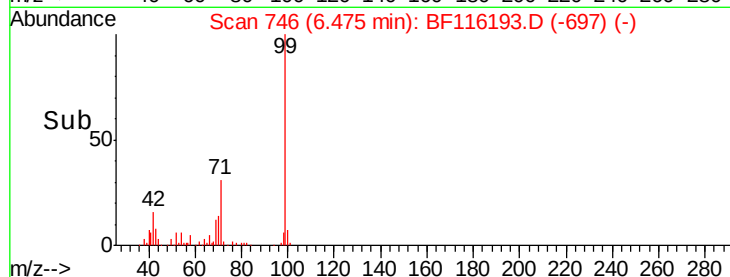
71 31.3 27.3 40.9



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: BF116193.D

Acq: 12 Aug 2019 15:52

Tgt Ion: 136 Resp: 505375

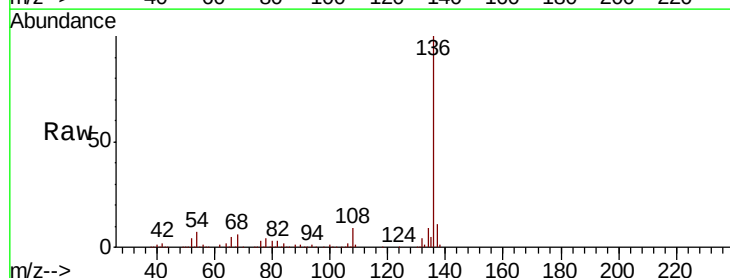
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.6 5.8 8.6

68 5.7 5.2 7.8

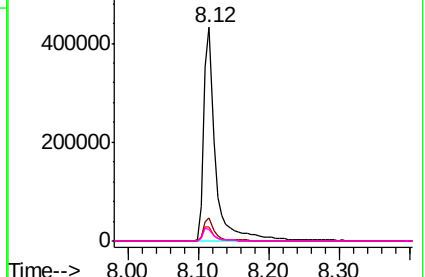
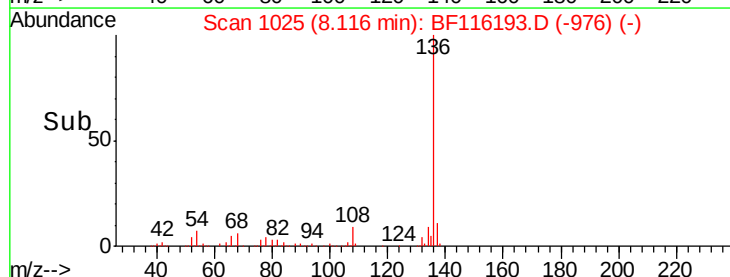


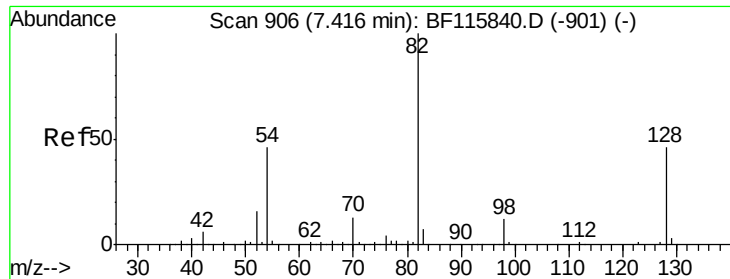
Abundance Ion 136.00 (135.70 to 136.70): E

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

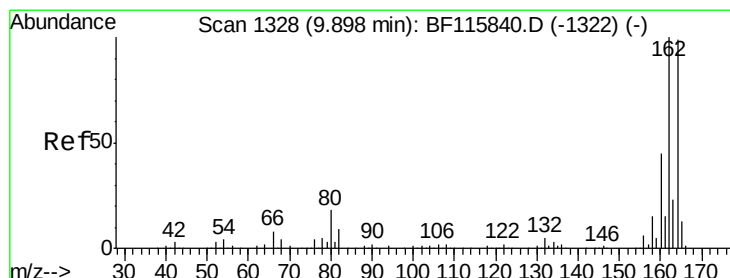
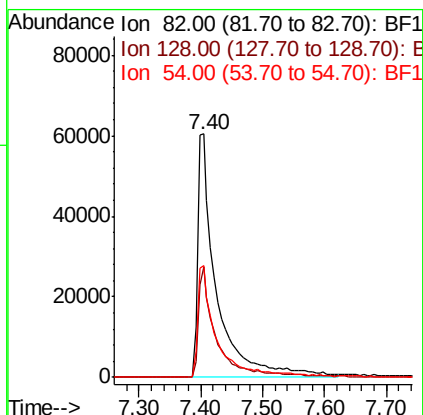
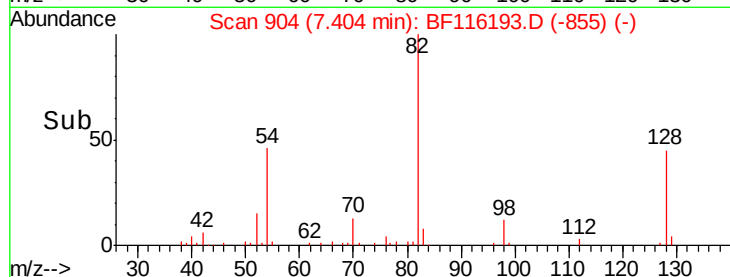
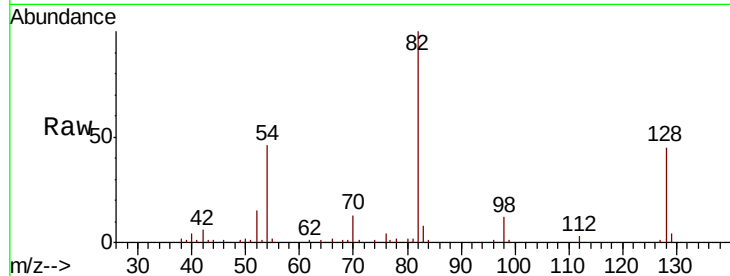




#23
 Nitrobenzene-d5
 Concen: 14.779 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116193.D
 Acq: 12 Aug 2019 15:52

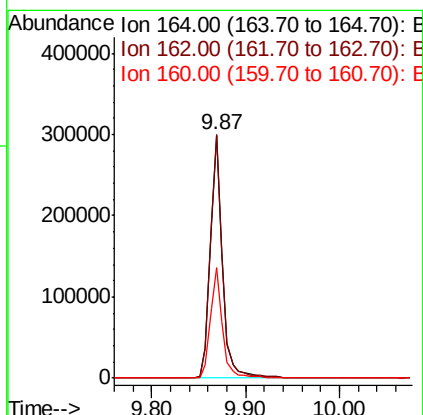
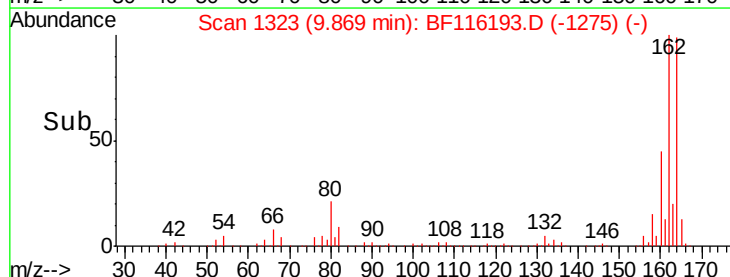
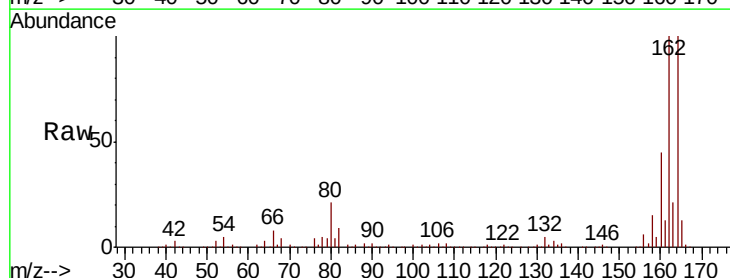
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

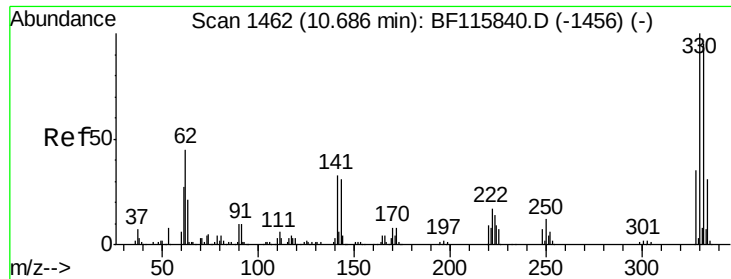
Tot Ion	82	Resp	129391
Ion Ratio	100	Lower	Upper
128	45.4	36.5	54.7
54	45.8	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116193.D
 Acq: 12 Aug 2019 15:52

Tgt Ion	164	Resp	274338
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.4	82.6	124.0
160	45.7	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 18.417 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116193.D

Acq: 12 Aug 2019 15:52

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

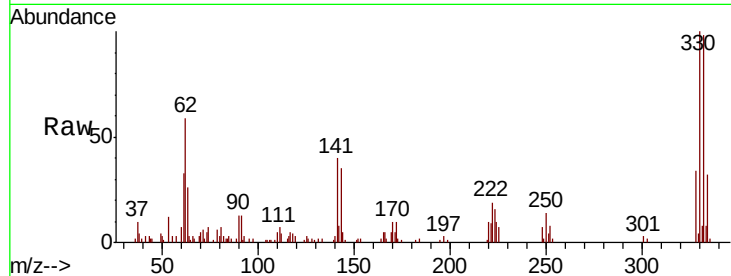
Tot Ion:330 Resp: 48984

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

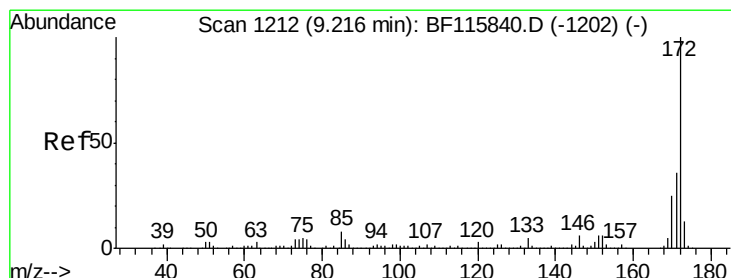
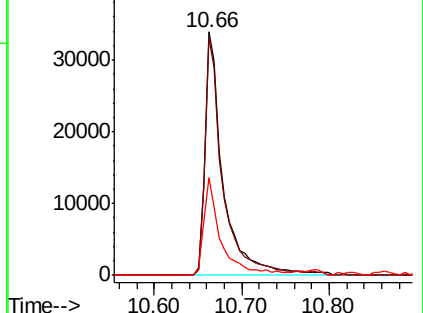
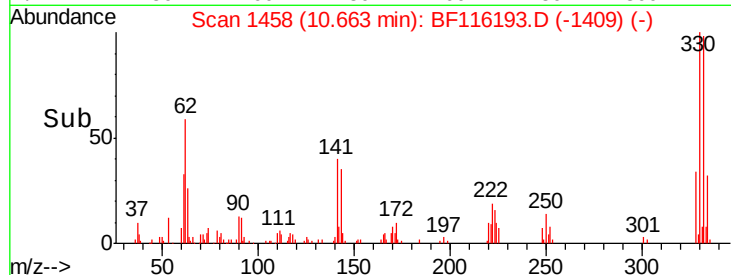
141 38.2 26.3 39.5



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: 16.121 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116193.D

Acq: 12 Aug 2019 15:52

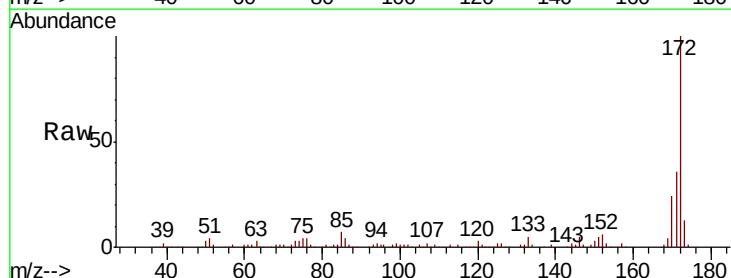
Tgt Ion:172 Resp: 236120

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

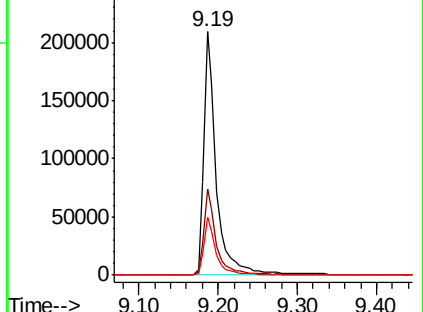
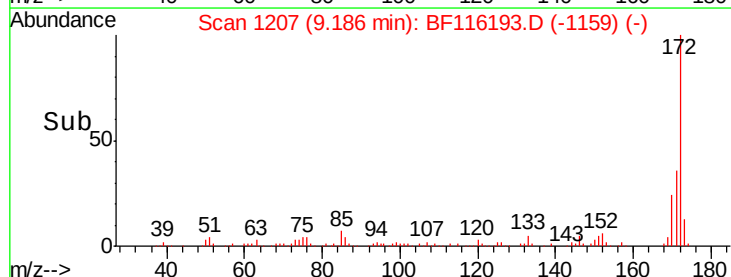
170 23.6 20.1 30.1

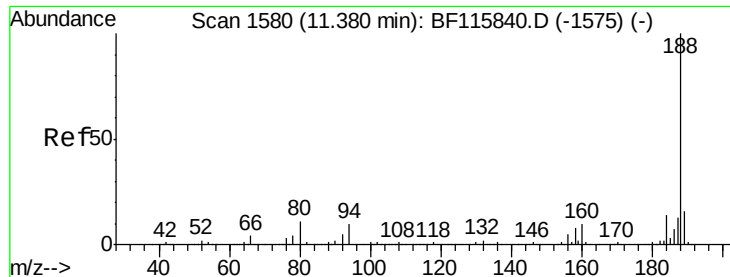


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

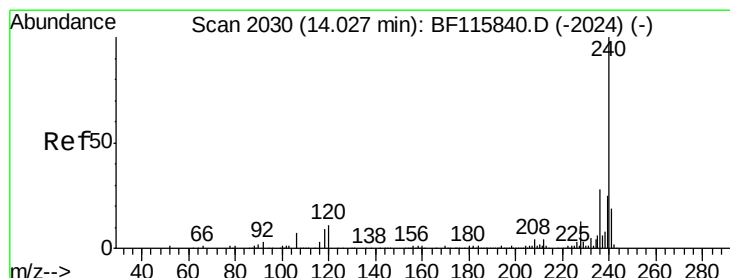
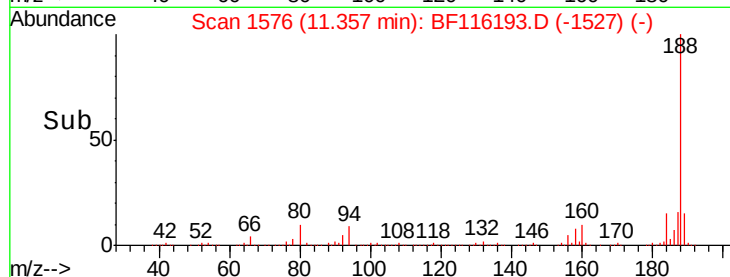
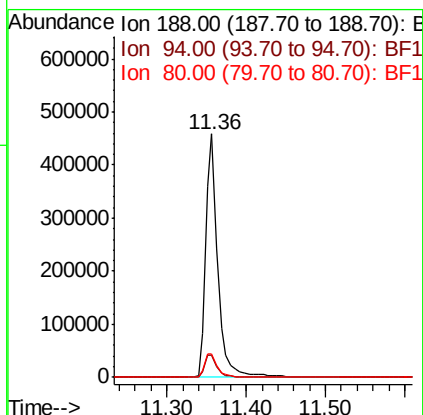
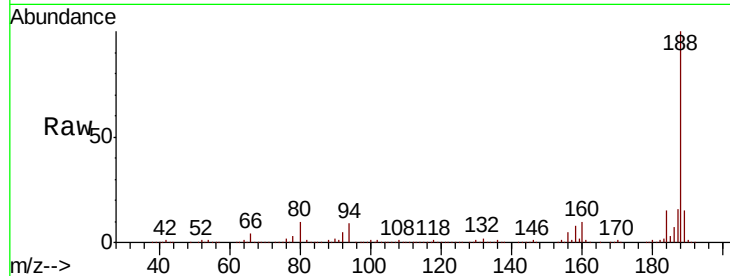




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116193.D
Acq: 12 Aug 2019 15:52

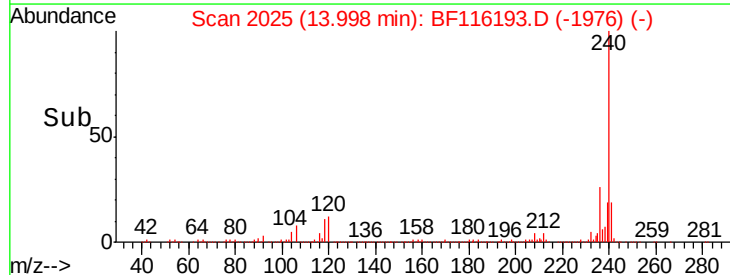
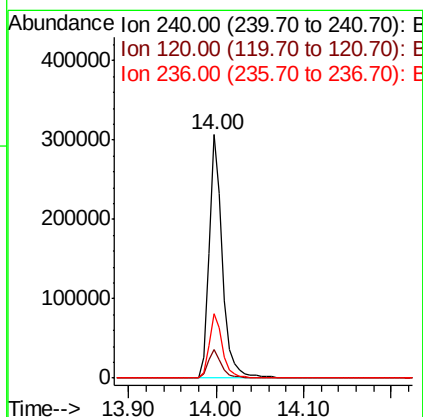
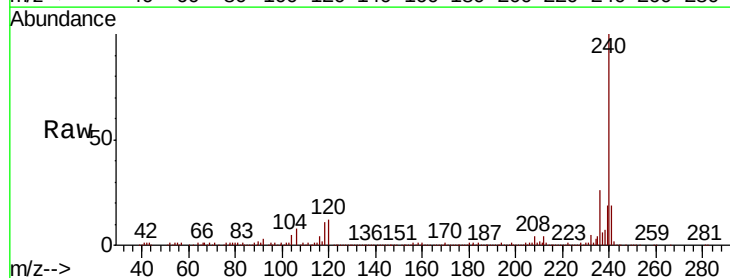
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BNA_F
ClientSampleId :
AU-05-080719-A

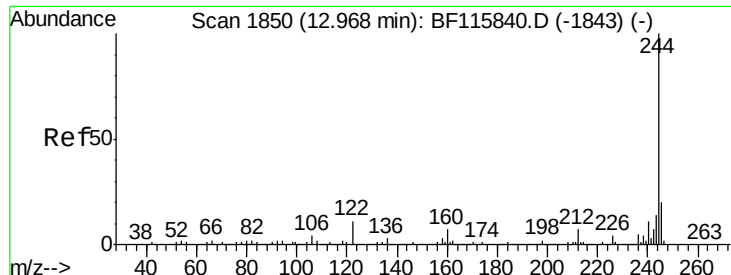
Tot Ion:188	Resp:	488775
Ion	Ratio	Lower Upper
188	100	
94	9.0	8.1 12.1
80	9.7	8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116193.D
Acq: 12 Aug 2019 15:52

Tgt Ion:240	Resp:	322665
Ion	Ratio	Lower Upper
240	100	
120	11.8	10.7 16.1
236	26.2	22.2 33.2

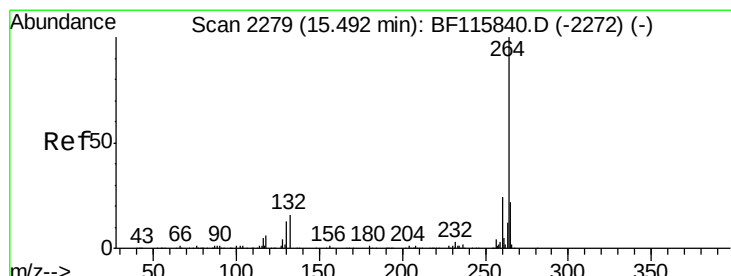
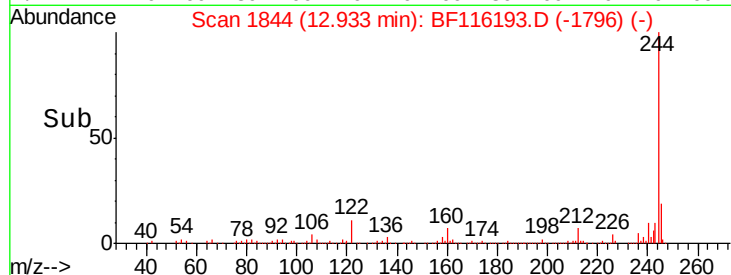
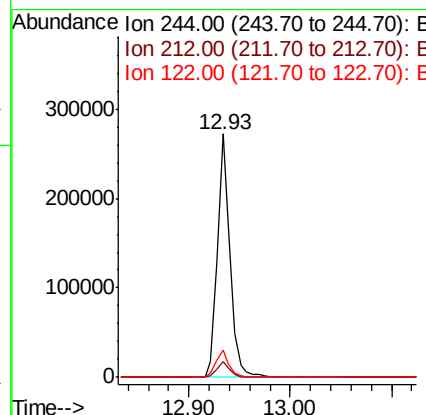
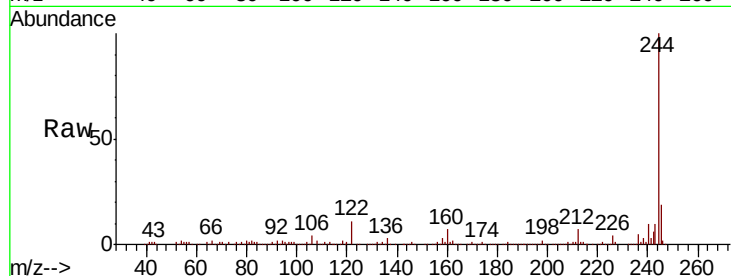




#79
 Terphenyl-d14
 Concen: 15.486 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116193.D
 Acq: 12 Aug 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.4	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: BF116193.D
 Acq: 12 Aug 2019 15:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.1	17.4	26.0

