

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116217.D
 Acq On : 13 Aug 2019 4:11
 Operator : HP/JU
 Sample : K4085-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Quant Time: Aug 13 07:29:26 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	114238	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	456073	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	224359	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	343714	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	280557	20.00	ng	0.00
87) Perylene-d12	15.47	264	237173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	124757	18.28	ng	0.00
7) Phenol-d6	6.47	99	176798	20.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	98301	12.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	30997	14.25	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	208092	17.37	ng	-0.01
79) Terphenyl-d14	12.94	244	178584	13.41	ng	-0.01

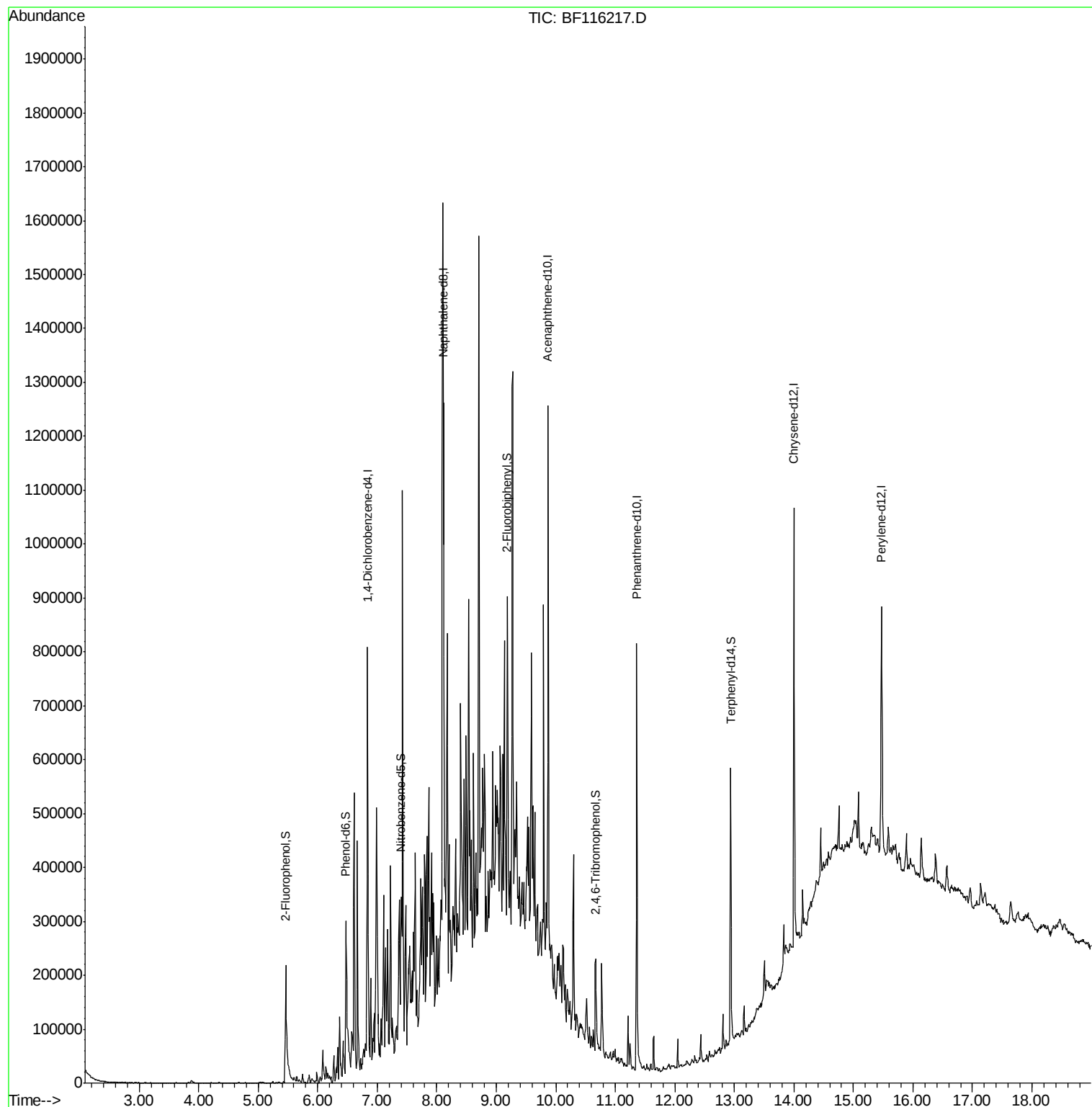
Target Compounds Qvalue

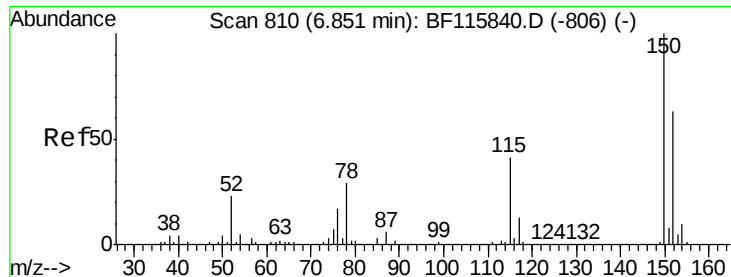
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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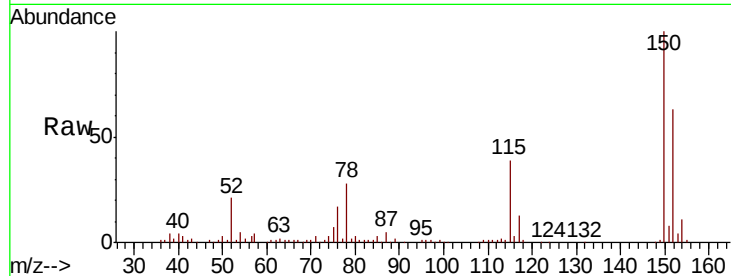




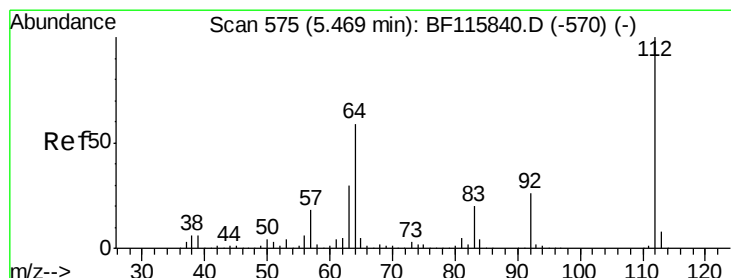
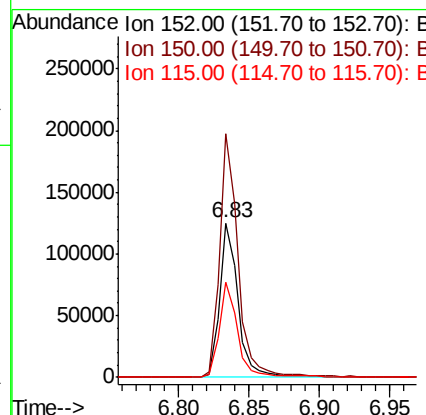
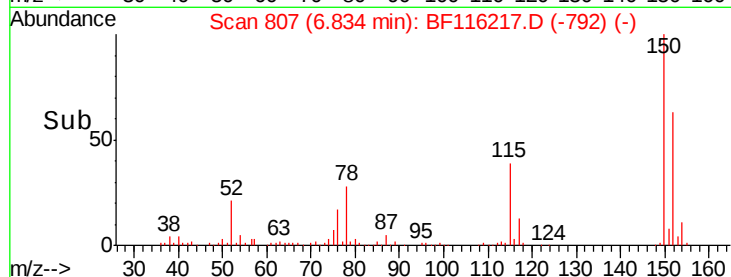
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116217.D
 Acq: 13 Aug 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Tot Ion:152 Resp: 114238
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 61.7 49.9 74.9

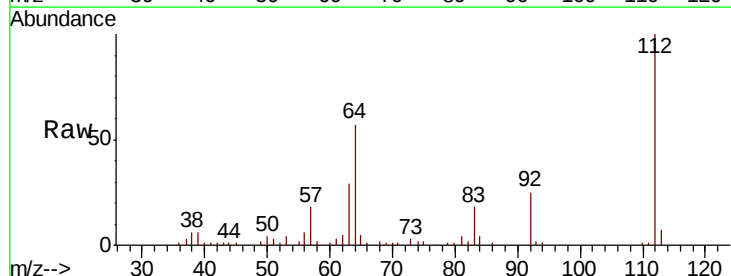


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

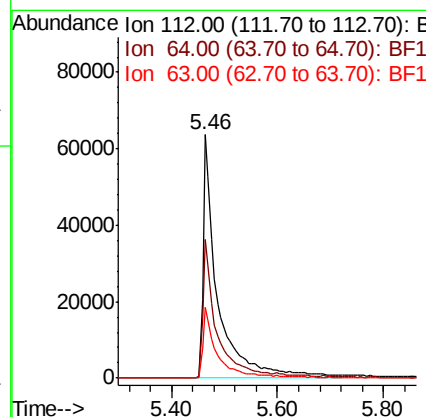
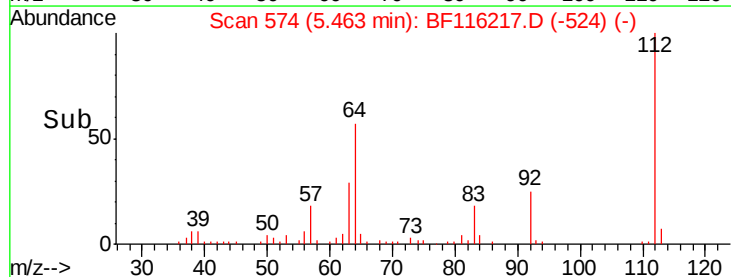


#5
 2-Fluorophenol
 Concen: 18.282 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116217.D
 Acq: 13 Aug 2019 4:11

Tgt Ion:112 Resp: 124757
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.4 68.2
 63 29.0 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: 20.535 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-A

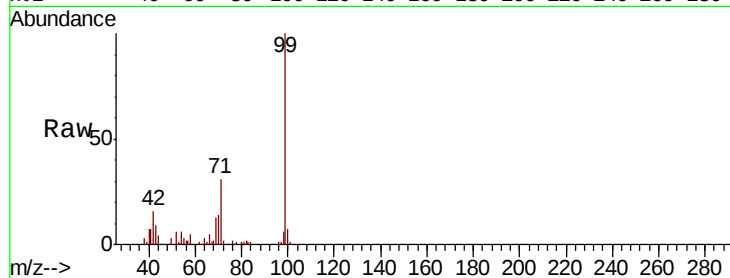
Tot Ion: 99 Resp: 176798

Ion Ratio Lower Upper

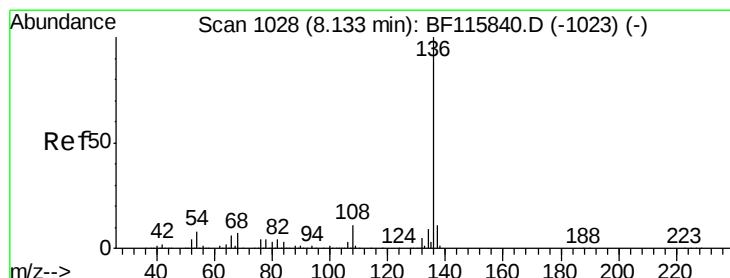
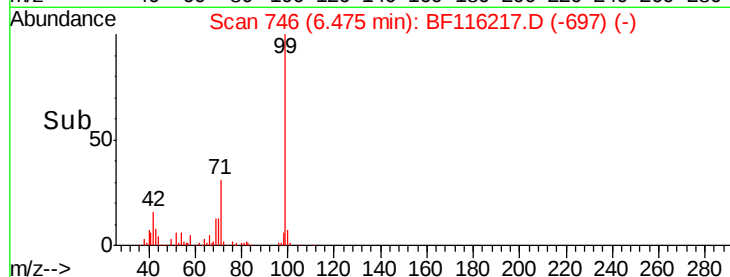
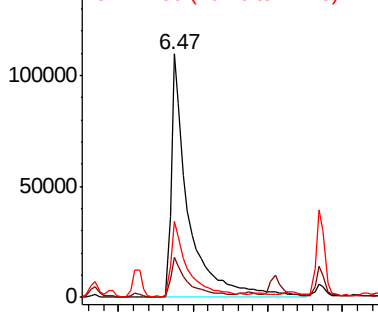
99 100

42 16.4 13.8 20.8

71 31.0 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: BF116217.D

Acq: 13 Aug 2019 4:11

Tgt Ion: 136 Resp: 456073

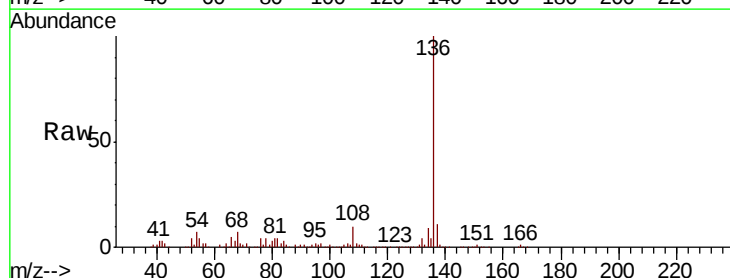
Ion Ratio Lower Upper

136 100

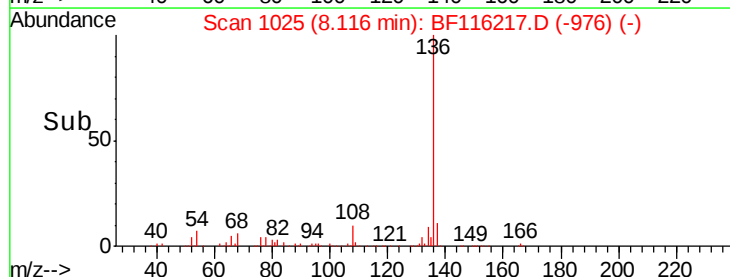
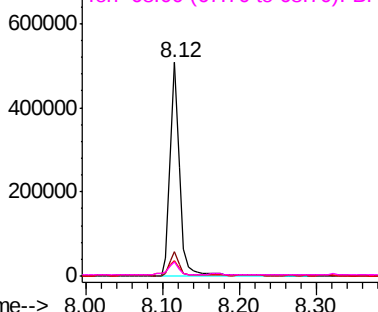
137 11.4 9.0 13.4

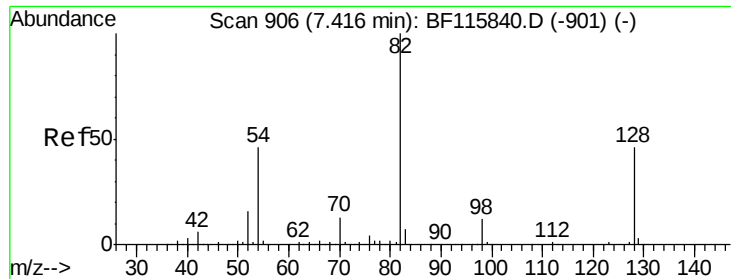
54 7.2 5.8 8.6

68 6.8 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

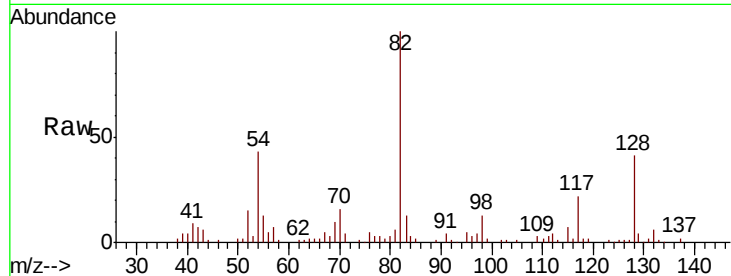




#23
 Nitrobenzene-d5
 Concen: 12.442 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116217.D
 Acq: 13 Aug 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Tot Ion	82.00	Resp	98301
Ion Ratio	Lower	Upper	
82	100		
128	41.4	36.5	54.7
54	43.4	36.0	54.0

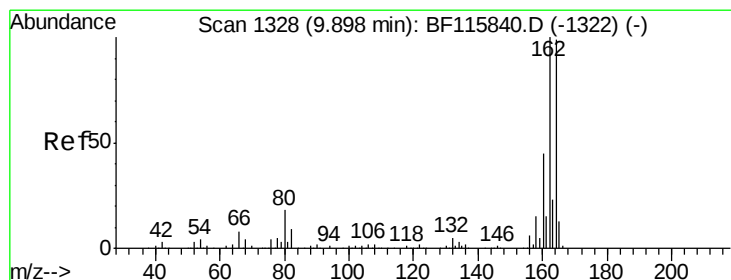
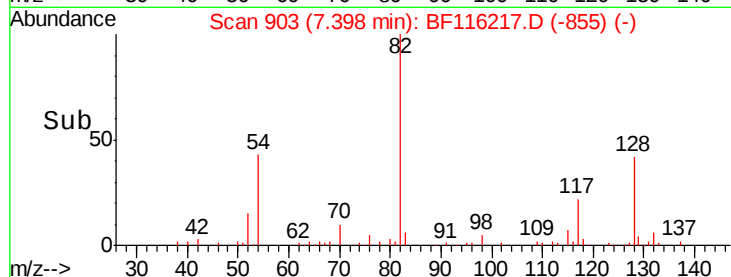
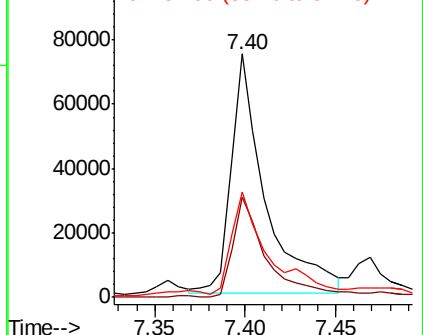


Abundance

Ion 82.00 (81.70 to 82.70): BF1

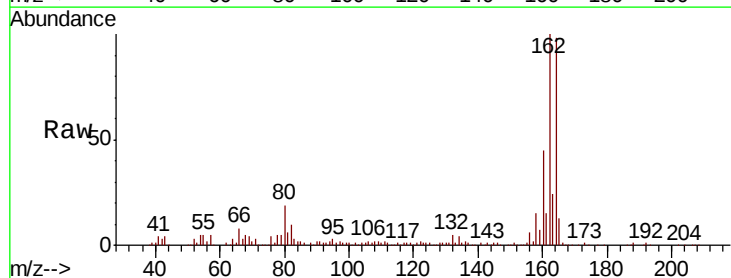
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116217.D
 Acq: 13 Aug 2019 4:11

Tgt Ion	164.00	Resp	224359
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.6	124.0
160	45.8	37.6	56.4

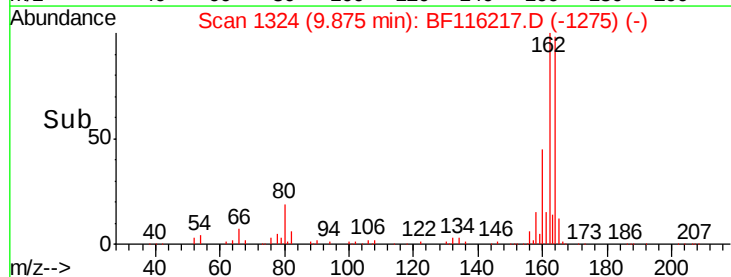
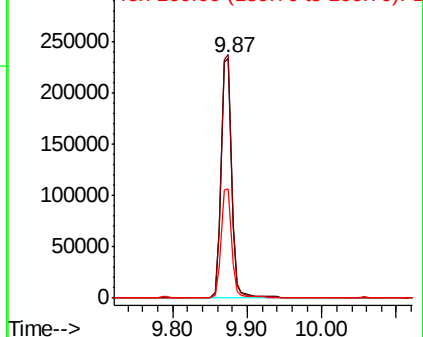


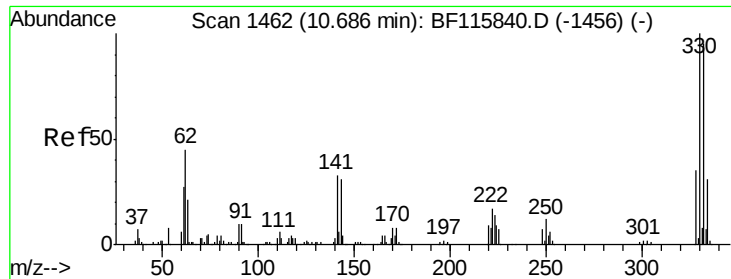
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

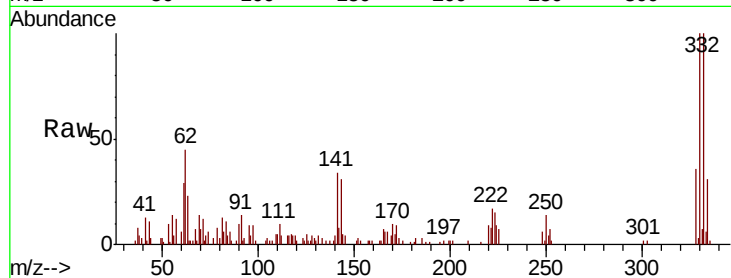




#42
 2,4,6-Tribromophenol
 Concen: 14.250 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116217.D
 Acq: 13 Aug 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	37.8	26.3	39.5

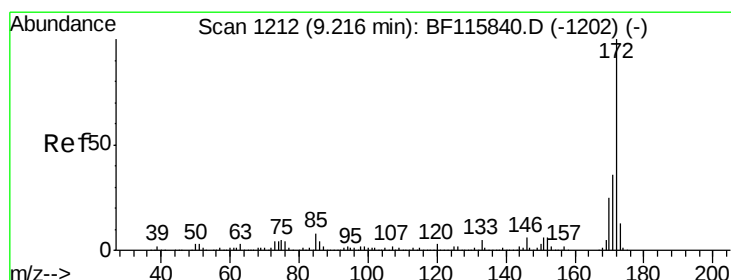
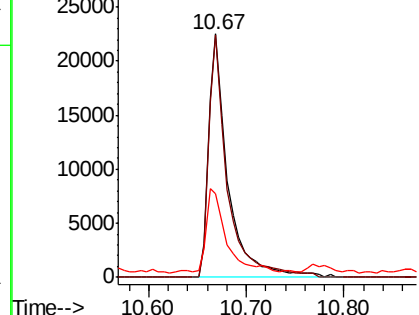
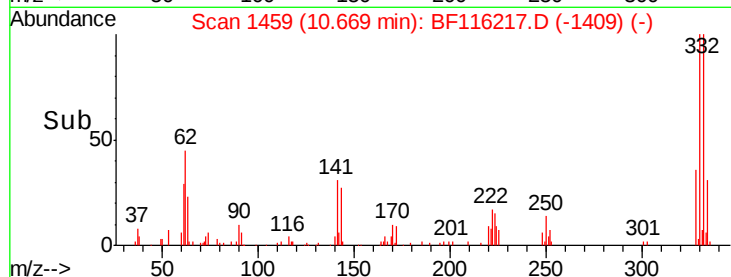


Abundance

Ion 329.80 (329.50 to 330.50): E

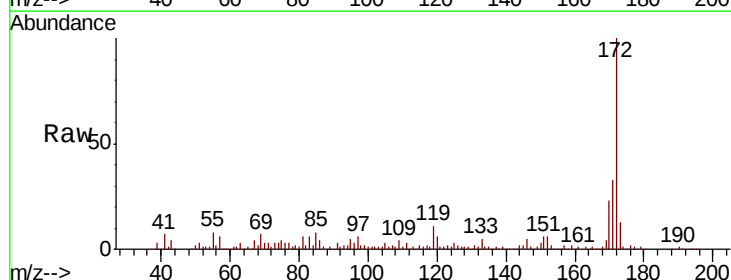
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 17.373 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116217.D
 Acq: 13 Aug 2019 4:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.6	44.4
170	23.1	20.1	30.1

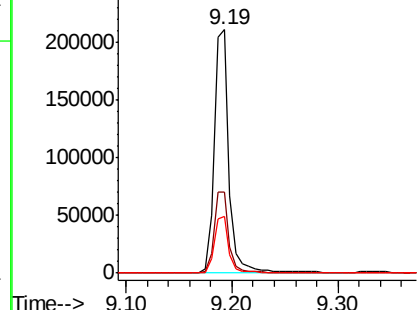
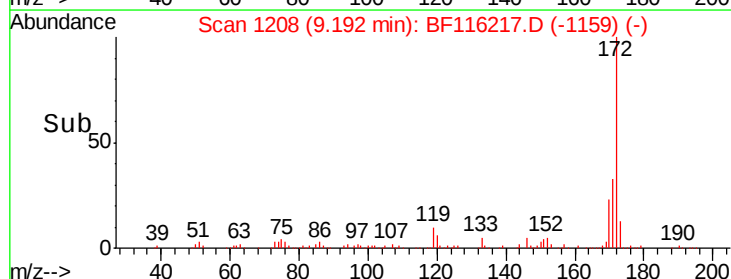


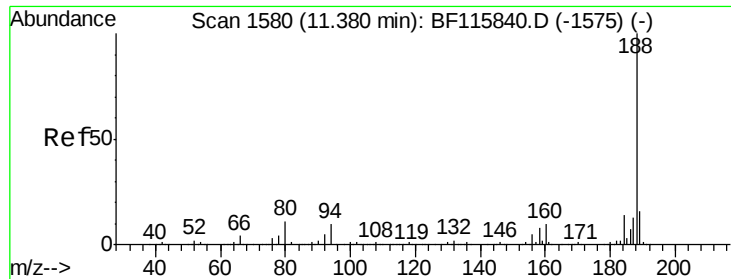
Abundance

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

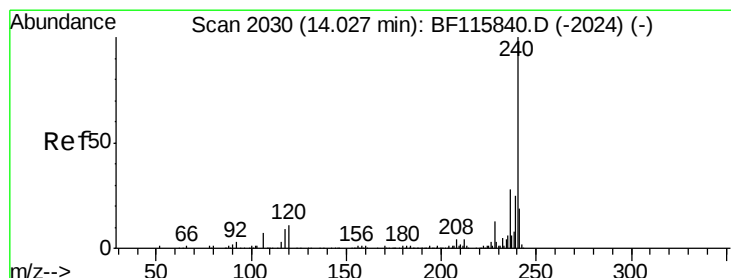
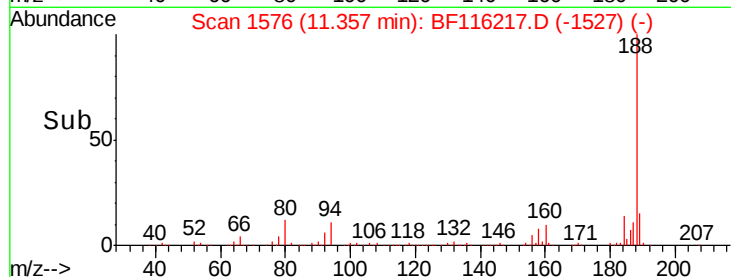
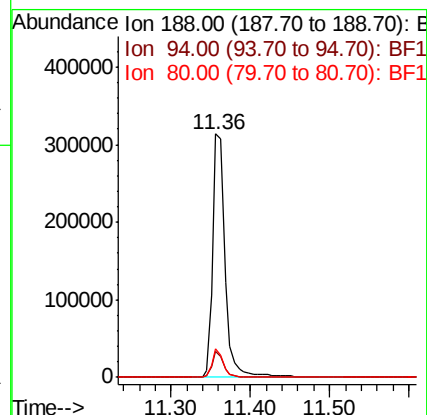
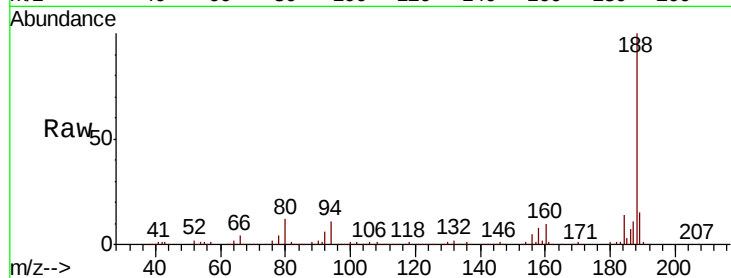




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

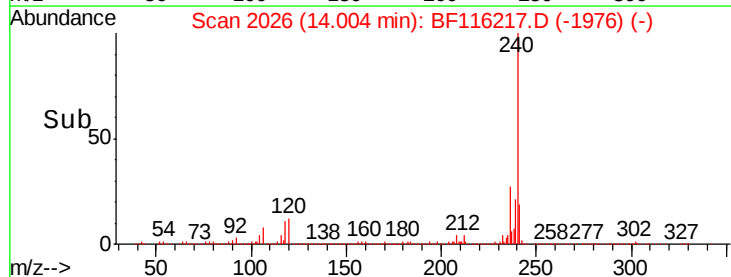
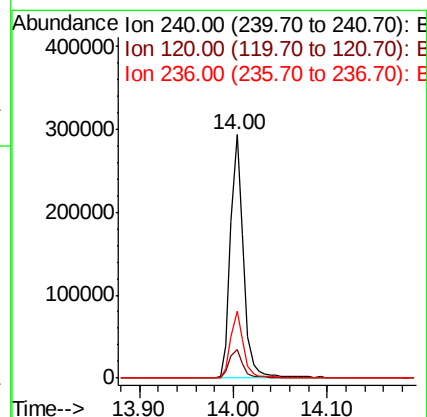
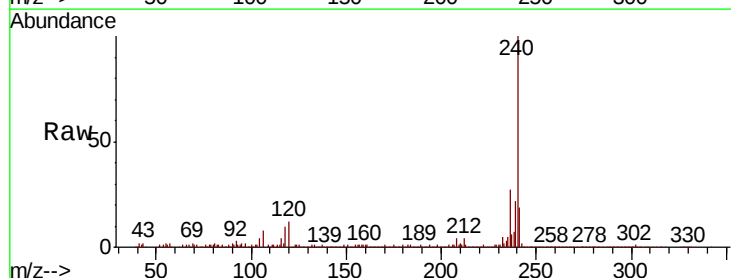
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

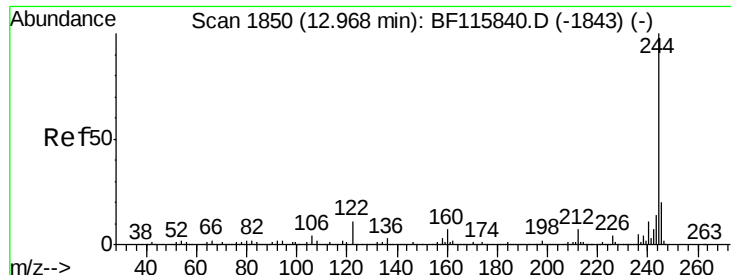
Tot Ion:188 Resp: 343714
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116217.D
Acq: 13 Aug 2019 4:11

Tgt Ion:240 Resp: 280557
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 27.3 22.2 33.2





#79

Terphenyl-d14

Concen: 13.413 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-A

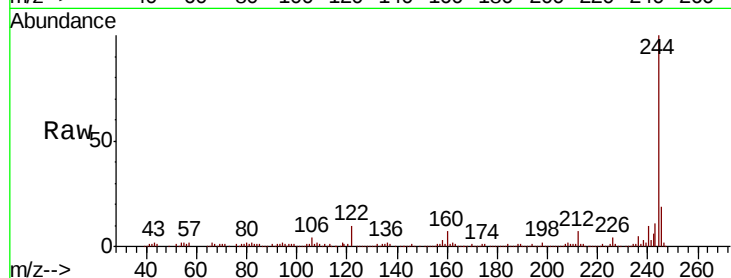
Tot Ion:244 Resp: 178584

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

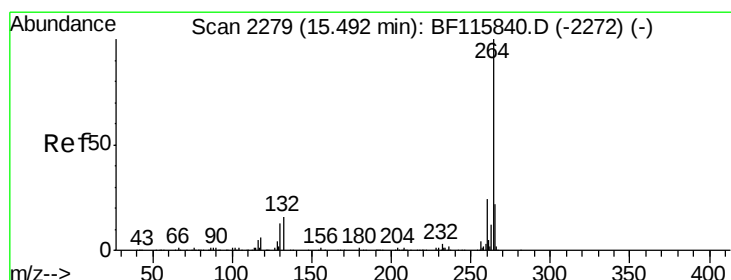
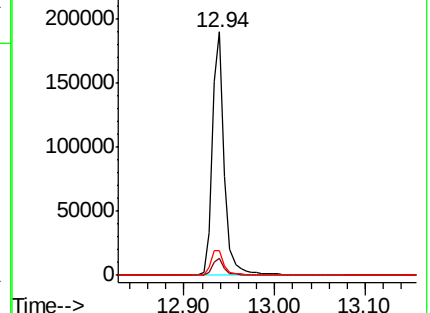
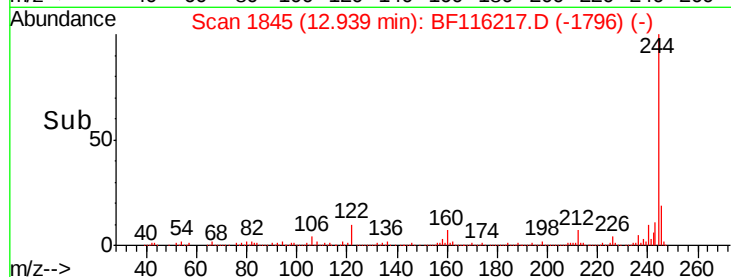
122 9.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF116217.D

Acq: 13 Aug 2019 4:11

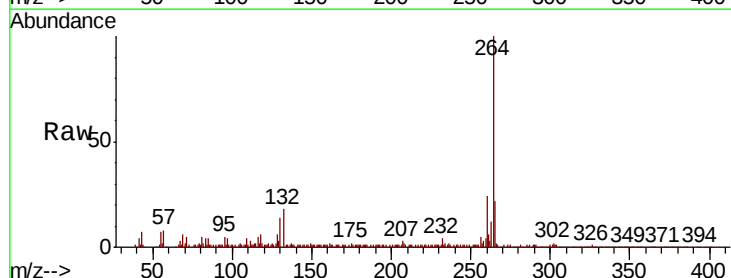
Tgt Ion:264 Resp: 237173

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.9 17.4 26.0



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

