

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116796.D
 Acq On : 4 Sep 2019 2:47
 Operator : HP/JU
 Sample : K4623-37
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-E1-E4-(0-4)

Quant Time: Sep 04 07:43:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128671	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	504583	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	267540	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	451091	20.00	ng	0.00
76) Chrysene-d12	13.99	240	306175	20.00	ng	0.00
87) Perylene-d12	15.44	264	311750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	901413	113.49	ng	0.01
7) Phenol-d6	6.48	99	1107822	106.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	816775	92.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	278672	155.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1361424	85.84	ng	0.00
79) Terphenyl-d14	12.95	244	1453804	87.84	ng	0.00

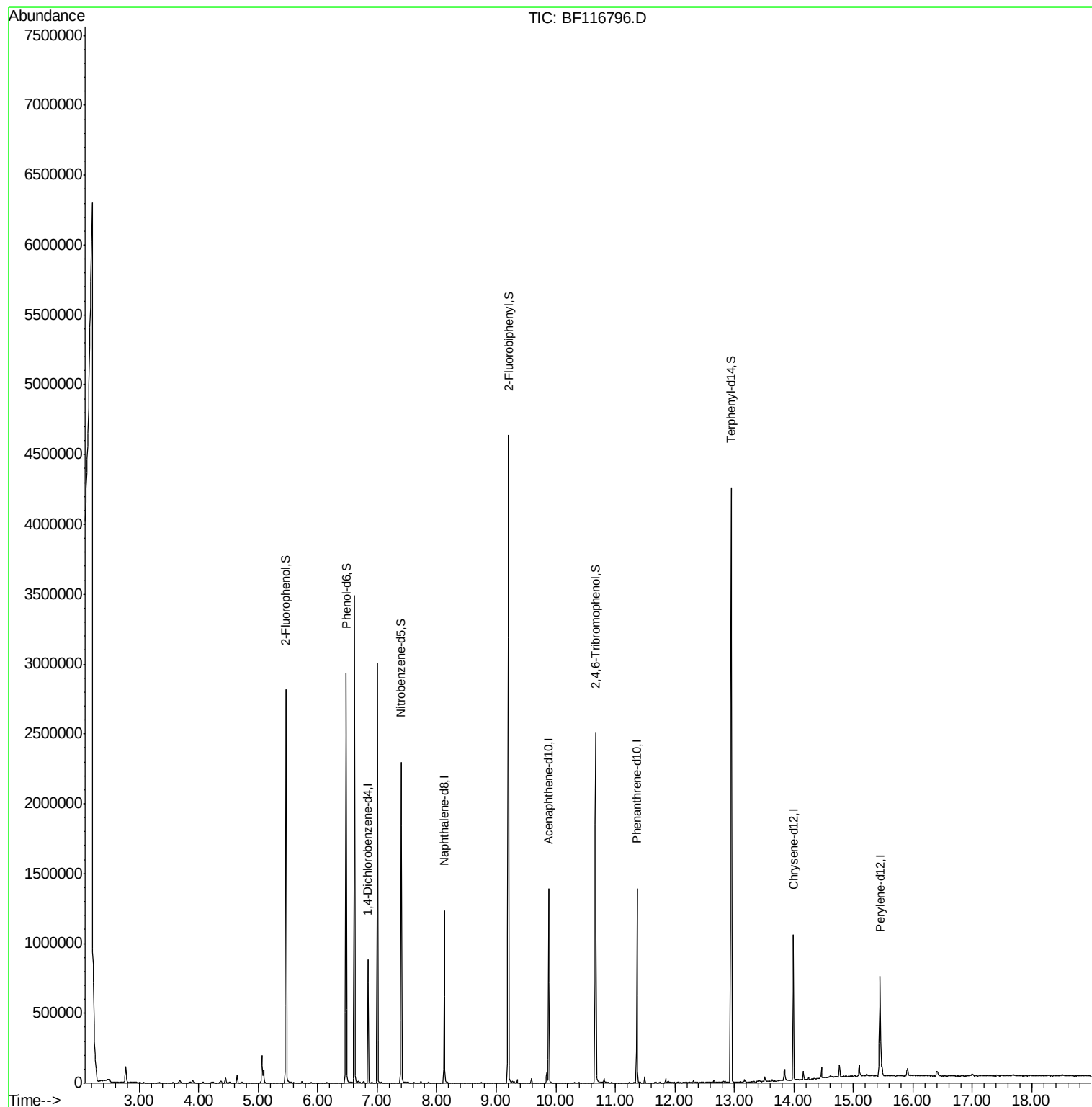
Target Compounds Qvalue

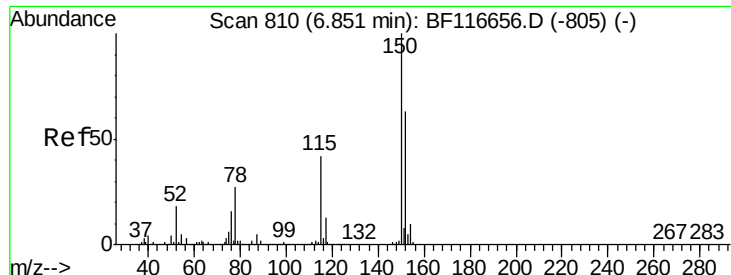
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116796.D
Acq On : 4 Sep 2019 2:47
Operator : HP/JU
Sample : K4623-37
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-11-E1-E4-(0-4)

Quant Time: Sep 04 07:43:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



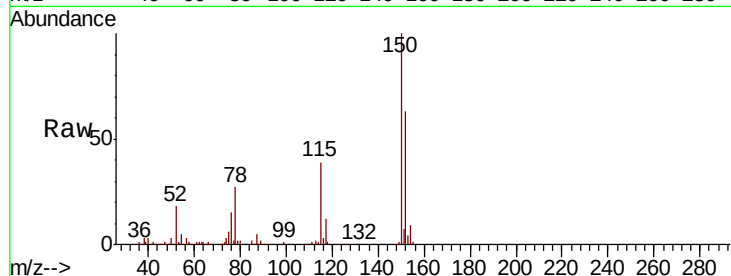


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :
PAR-11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.4	186.6
115	62.2	49.9	74.9

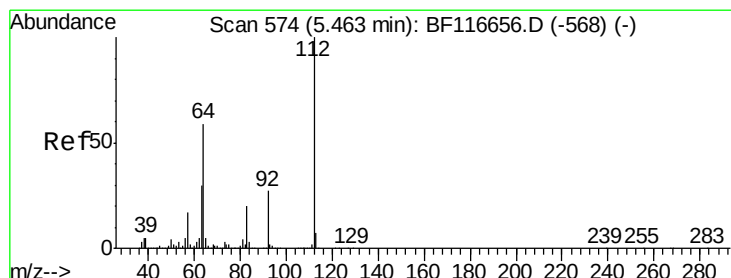
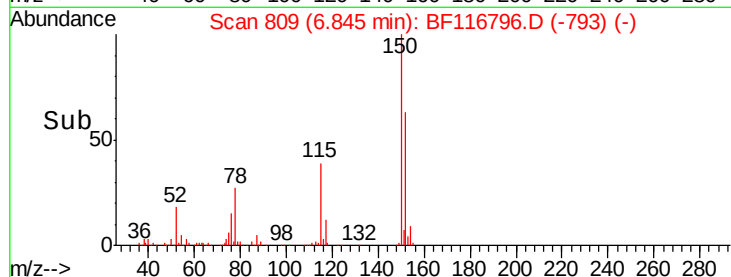
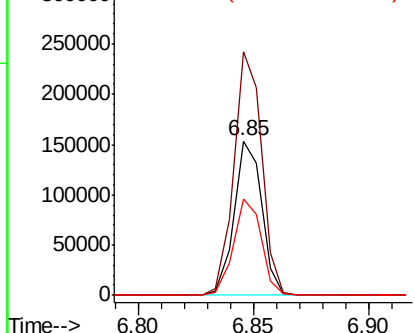


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

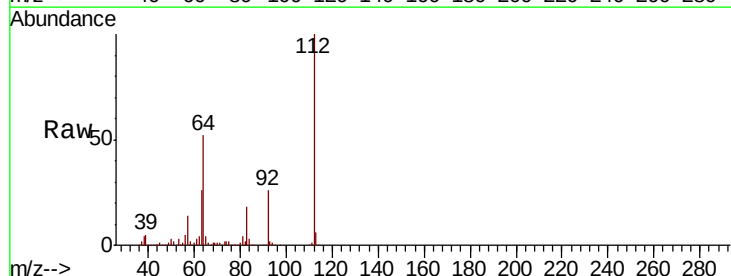
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.494 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.1	70.7
63	26.2	24.9	37.3

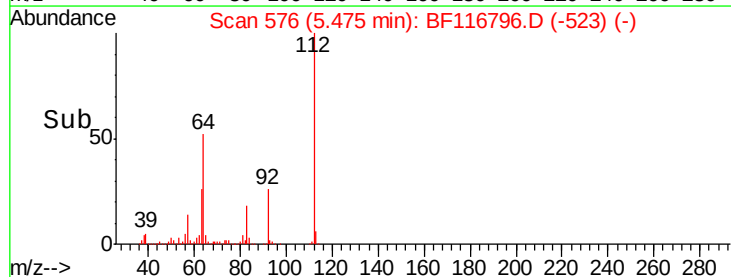
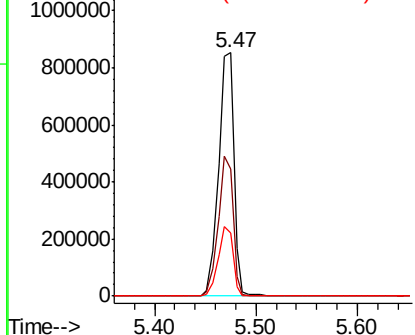


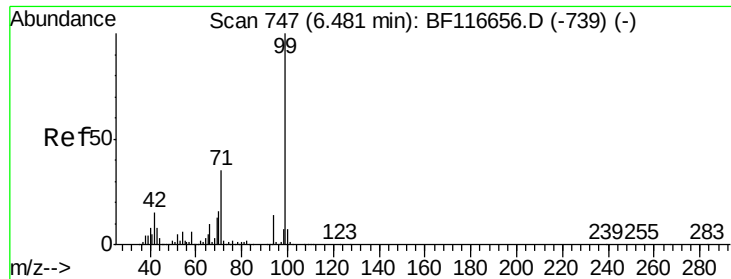
Abundance

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: 106.223 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116796.D

Acq: 4 Sep 2019 2:47

Instrument :

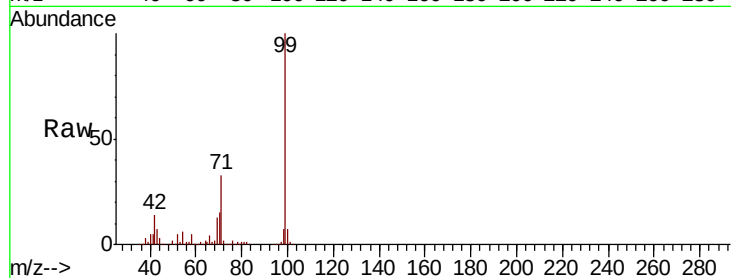
BNA_F

ClientSampleId :

PAR-11-E1-E4-(0-4)

Tot Ion: 99 Resp: 1107822

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	32.6	30.8	46.2

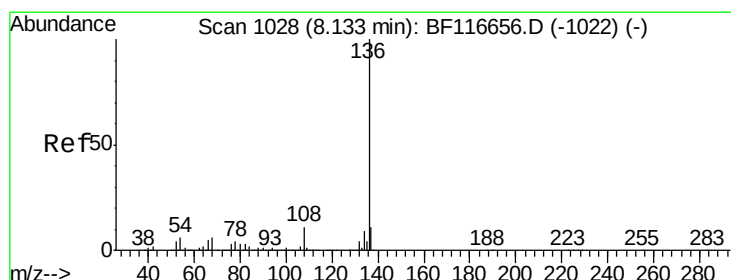
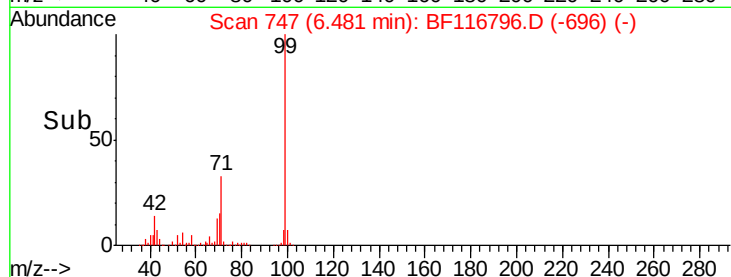


Abundance

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: 8.13 min Scan# 1027

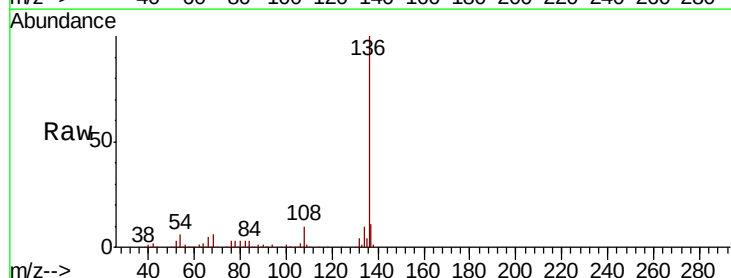
Delta R.T. -0.01 min

Lab File: BF116796.D

Acq: 4 Sep 2019 2:47

Tgt Ion: 136 Resp: 504583

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.9	4.8	7.2
68	5.9	4.0	6.0



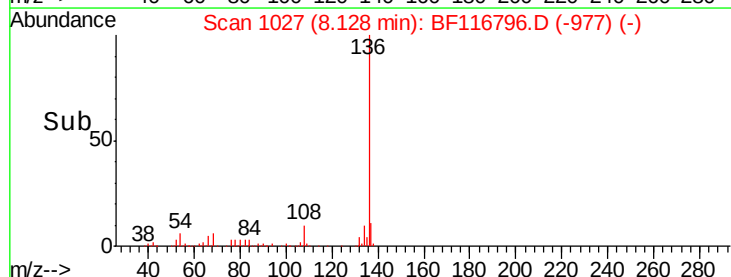
Abundance

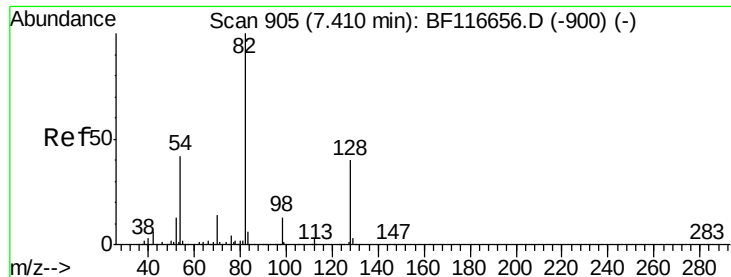
Ion 136.00 (135.70 to 136.70): E

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

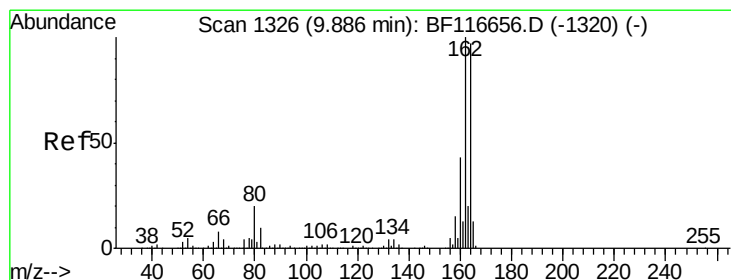
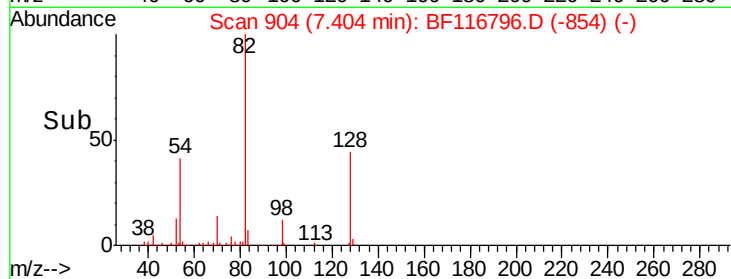
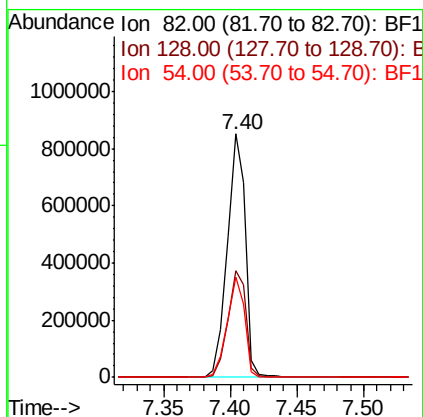
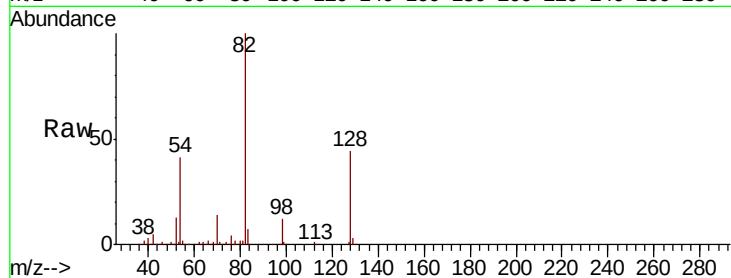




#23
 Nitrobenzene-d5
 Concen: 92.408 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116796.D
 Acq: 4 Sep 2019 2:47

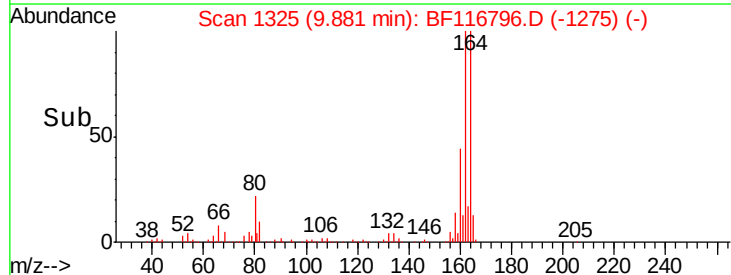
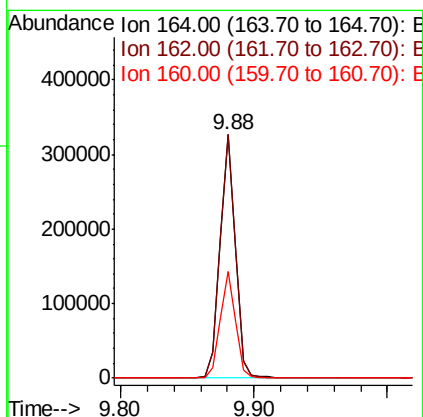
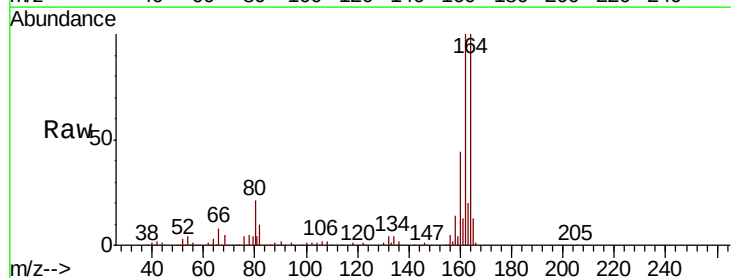
Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-E1-E4-(0-4)

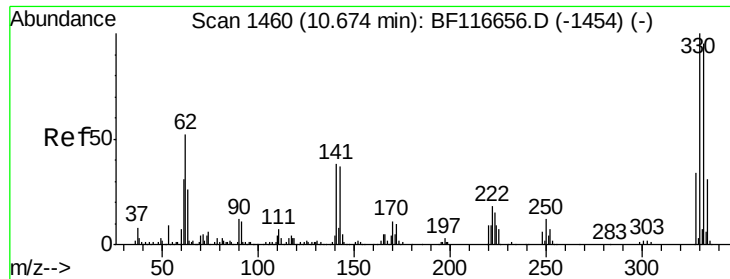
Tot Ion	82	Resp	816775
Ion Ratio	Lower	Upper	
82	100		
128	43.6	32.8	49.2
54	41.4	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116796.D
 Acq: 4 Sep 2019 2:47

Tgt Ion	164	Resp	267540
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.4	122.0
160	43.8	35.4	53.2

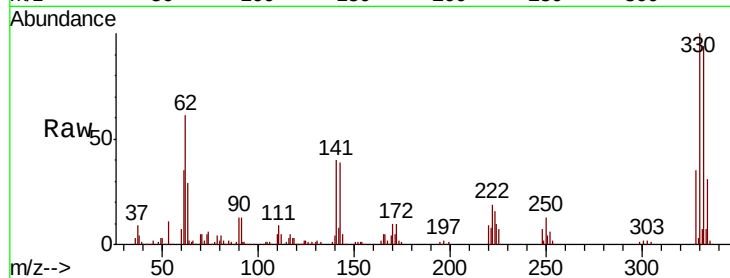




#42
 2,4,6-Tribromophenol
 Concen: 155.808 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116796.D
 Acq: 4 Sep 2019 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.9	115.3
141	40.4	31.4	47.2

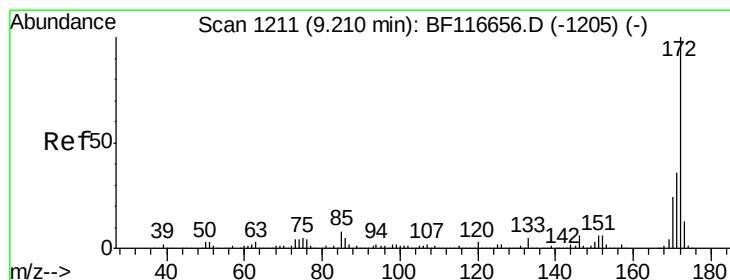
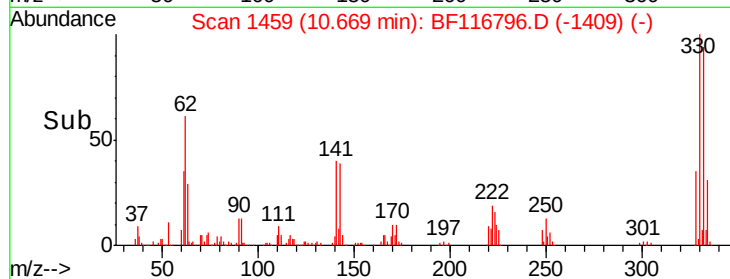
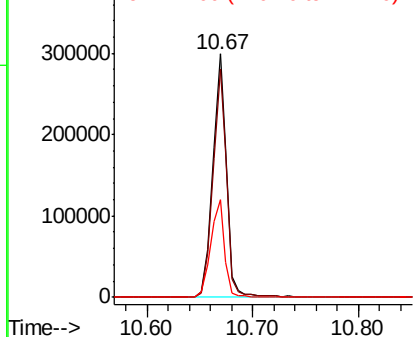


Abundance

Ion 329.80 (329.50 to 330.50): E

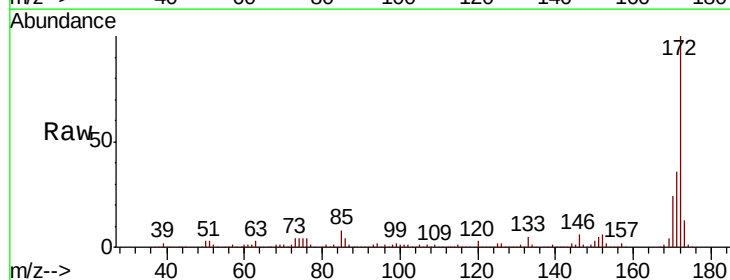
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.841 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116796.D
 Acq: 4 Sep 2019 2:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.3	18.9	28.3

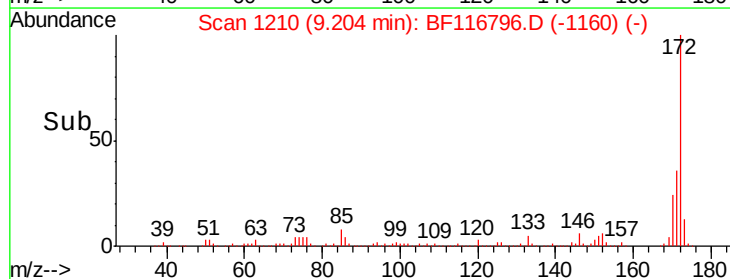
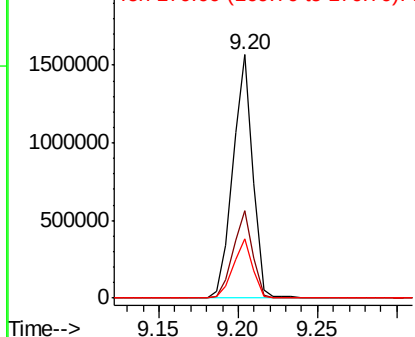


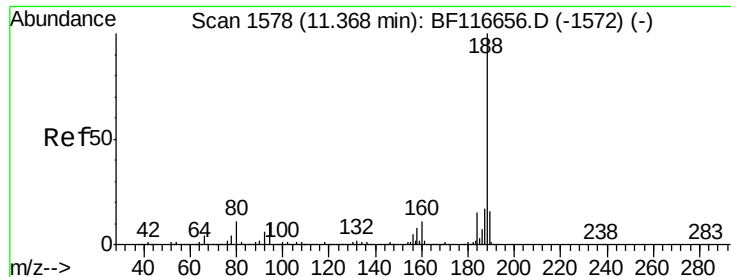
Abundance

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

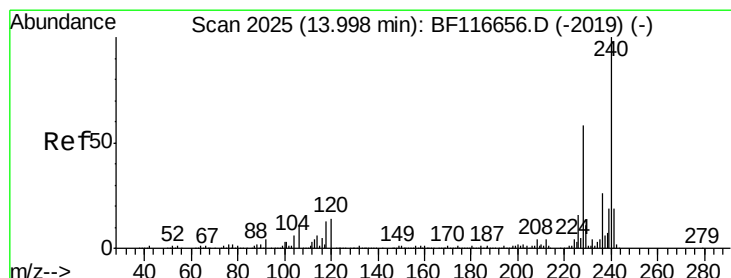
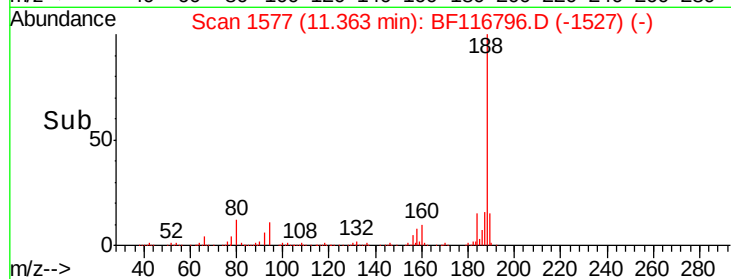
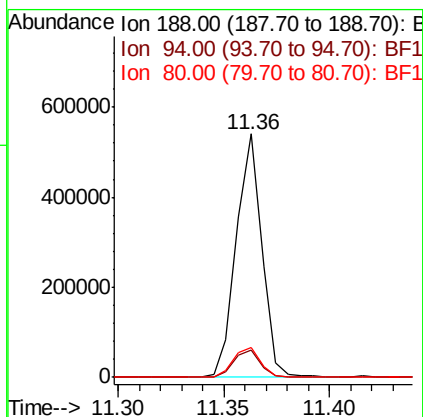
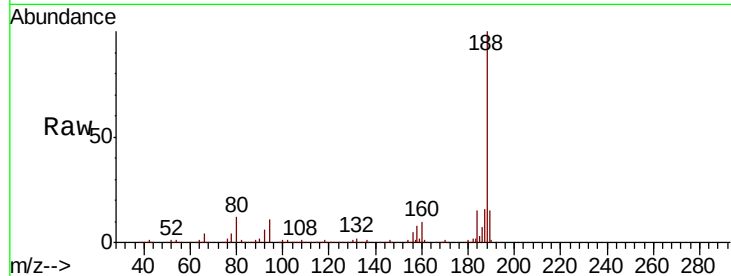




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

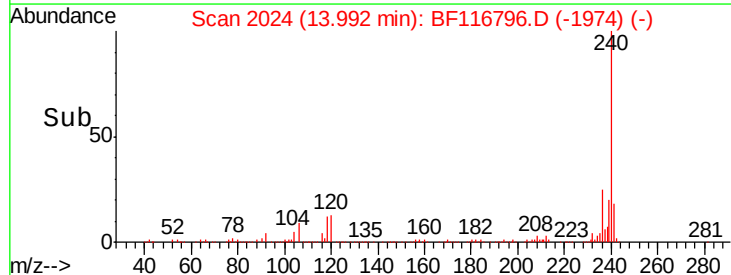
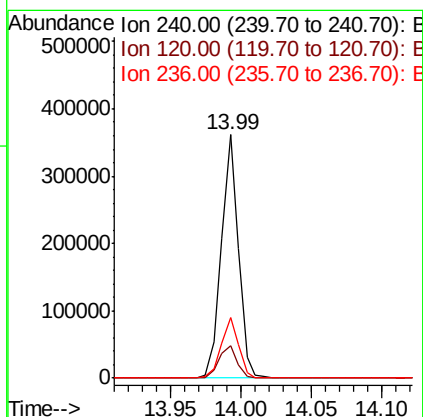
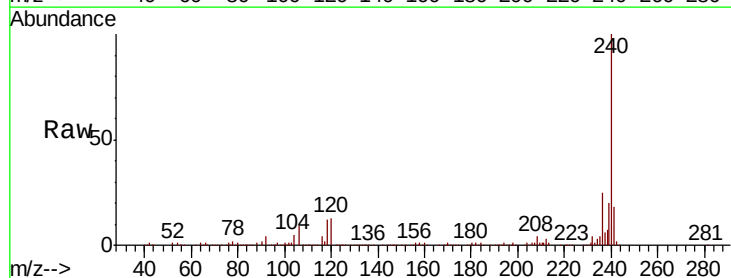
Instrument :
BNA_F
ClientSampleId :
PAR-11-E1-E4-(0-4)

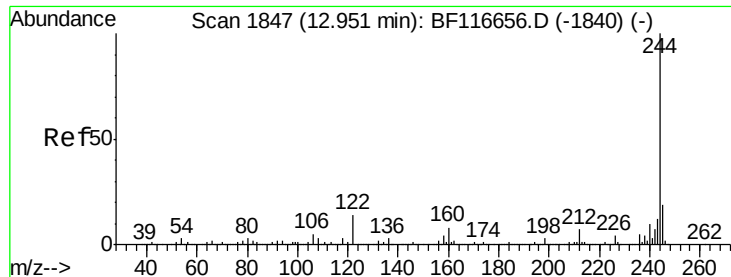
Tot Ion:188 Resp: 451091
Ion Ratio Lower Upper
188 100
94 11.2 7.3 10.9#
80 12.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:240 Resp: 306175
Ion Ratio Lower Upper
240 100
120 13.5 9.1 13.7
236 25.1 21.1 31.7





#79

Terphenyl-d14

Concen: 87.840 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116796.D

Acq: 4 Sep 2019 2:47

Instrument :

BNA_F

ClientSampleId :

PAR-11-E1-E4-(0-4)

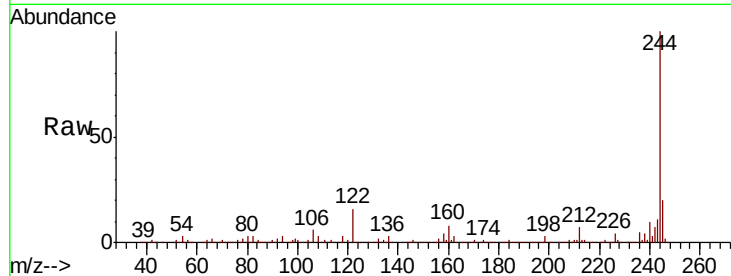
Tot Ion:244 Resp: 1453804

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

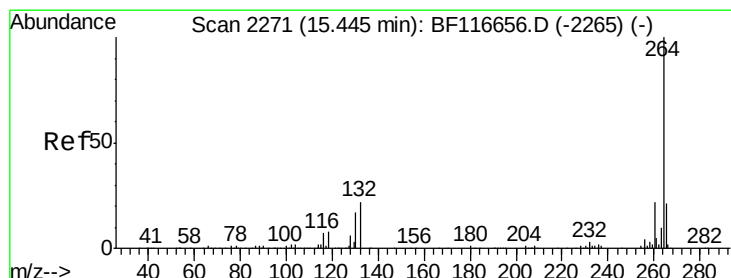
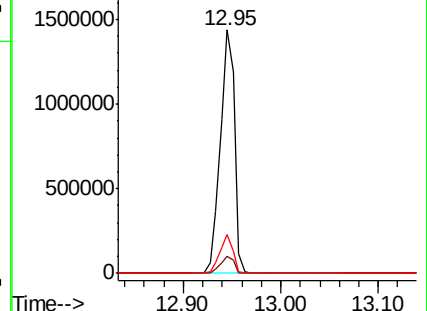
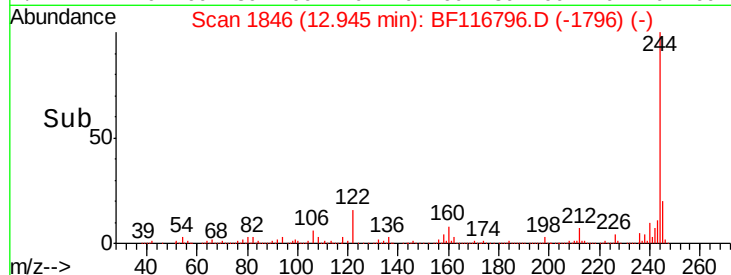
122 16.1 10.2 15.4#



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116796.D

Acq: 4 Sep 2019 2:47

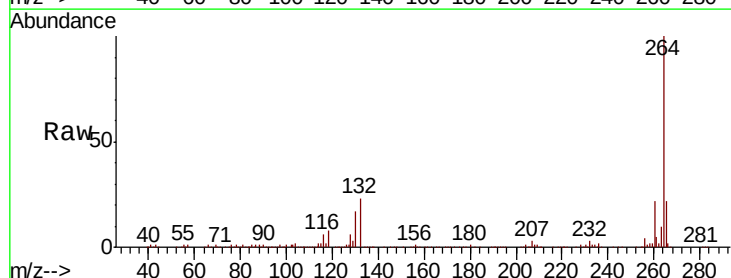
Tgt Ion:264 Resp: 311750

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.5 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

