

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116795.D
 Acq On : 4 Sep 2019 2:20
 Operator : HP/JU
 Sample : K4623-28
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-D1-D4-(0-4)

Quant Time: Sep 04 07:42:10 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	131280	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	525557	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	274208	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	472032	20.00	ng	0.00
76) Chrysene-d12	13.99	240	308631	20.00	ng	0.00
87) Perylene-d12	15.44	264	324209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	981611	121.14	ng	0.01
7) Phenol-d6	6.48	99	1195220	112.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	898206	97.57	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	306150	167.01	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1521619	93.61	ng	0.00
79) Terphenyl-d14	12.95	244	1584004	94.95	ng	0.00

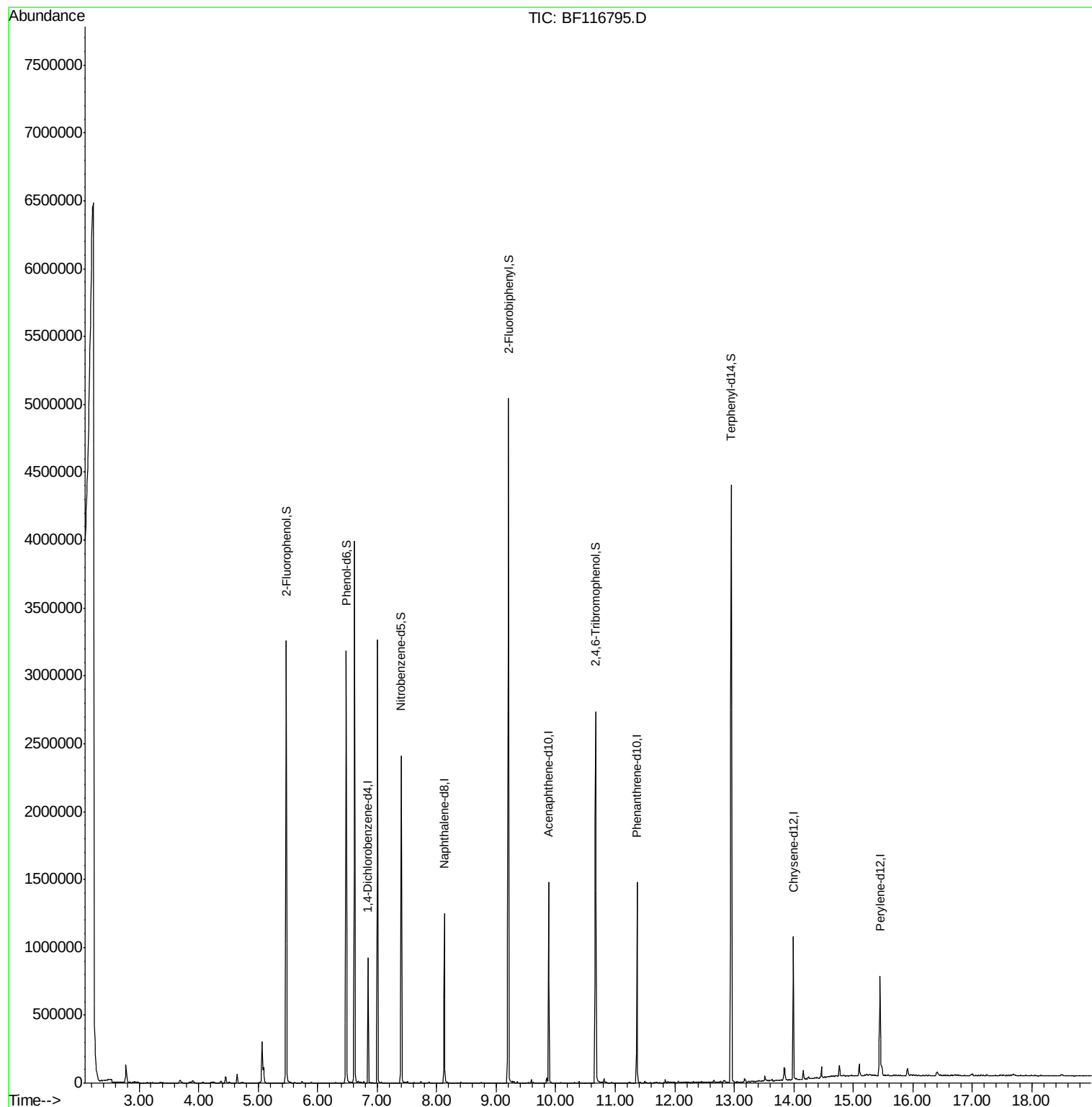
Target Compounds Qvalue

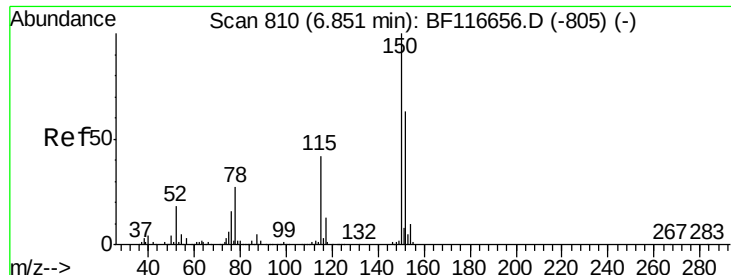
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116795.D
Acq On : 4 Sep 2019 2:20
Operator : HP/JU
Sample : K4623-28
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-11-D1-D4-(0-4)

Quant Time: Sep 04 07:42:10 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



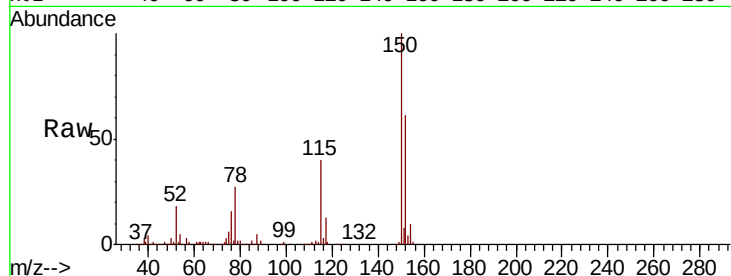


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116795.D
Acq: 4 Sep 2019 2:20

Instrument :
BNA_F
ClientSampleId :
PAR-11-D1-D4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	124.4	186.6
115	66.6	49.9	74.9

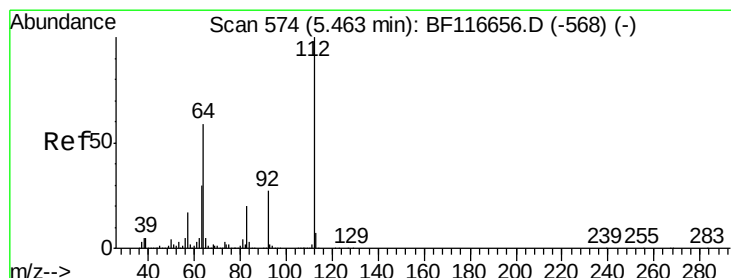
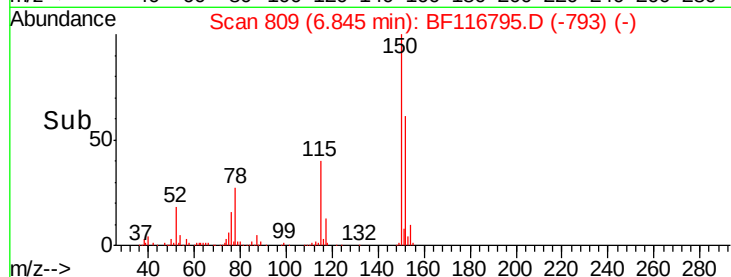
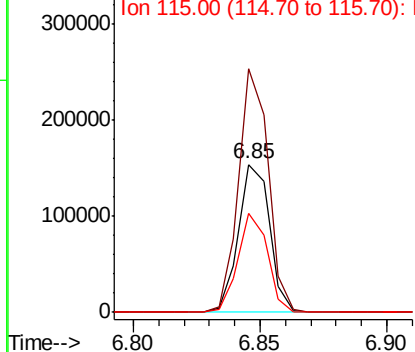


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

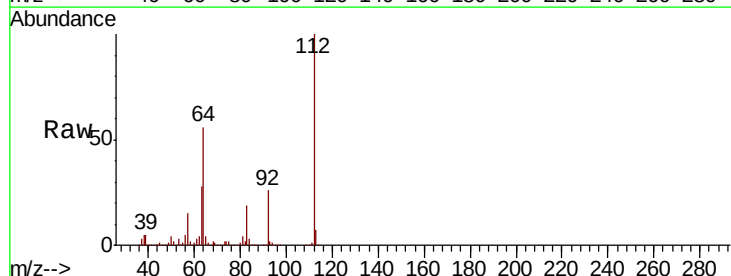
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.135 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116795.D
Acq: 4 Sep 2019 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.1	70.7
63	28.2	24.9	37.3

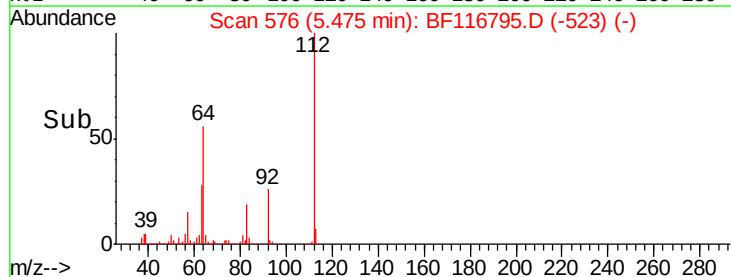
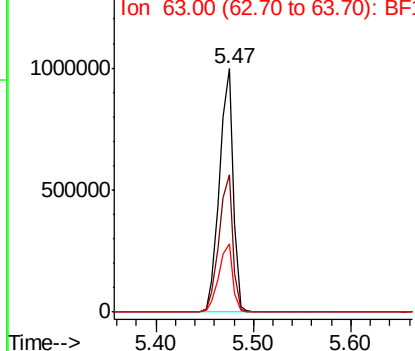


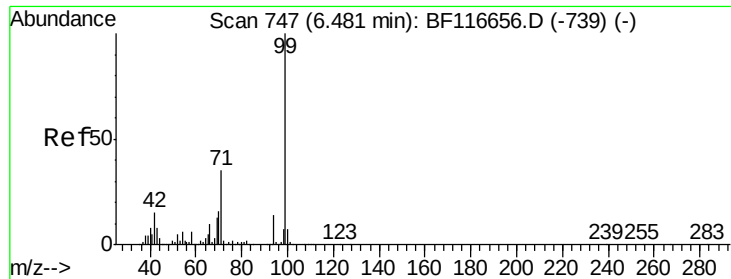
Abundance

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: 112.325 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

Instrument :

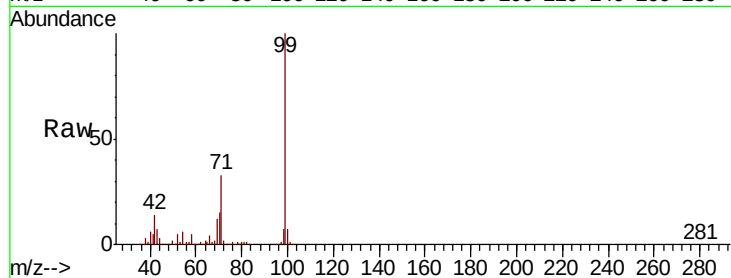
BNA_F

ClientSampleId :

PAR-11-D1-D4-(0-4)

Tot Ion: 99 Resp: 1195220

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	32.9	30.8	46.2

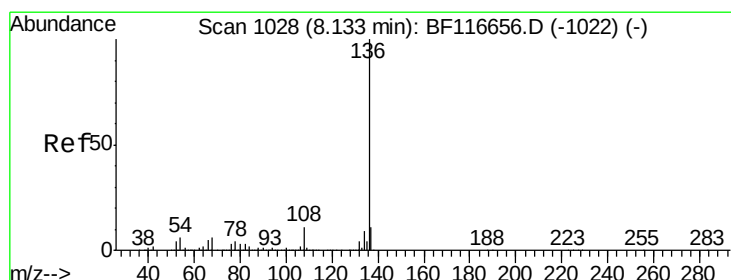
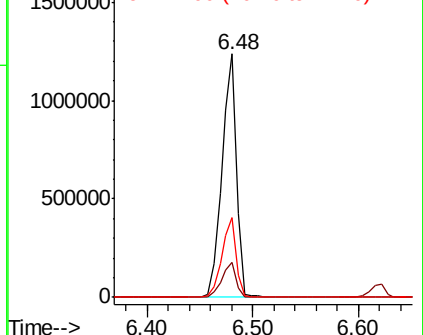
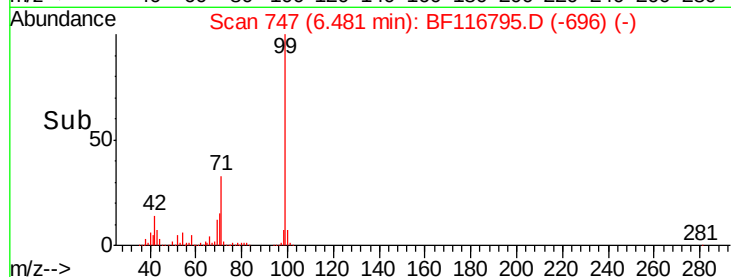


Abundance

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

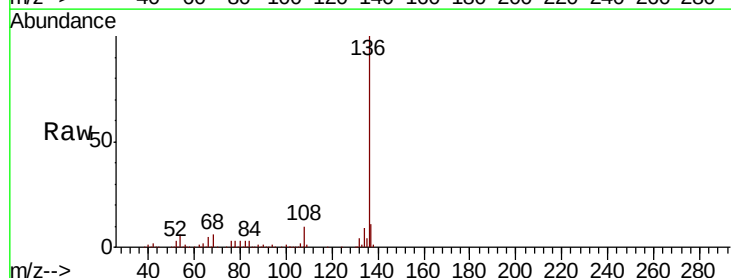
Delta R.T. -0.01 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

Tgt Ion: 136 Resp: 525557

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	4.8	7.2
68	5.9	4.0	6.0



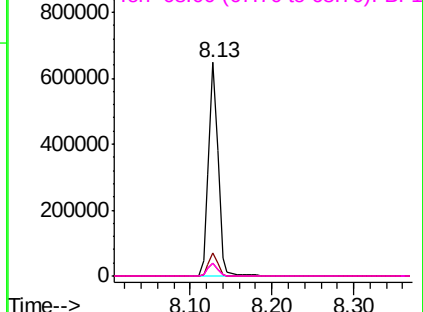
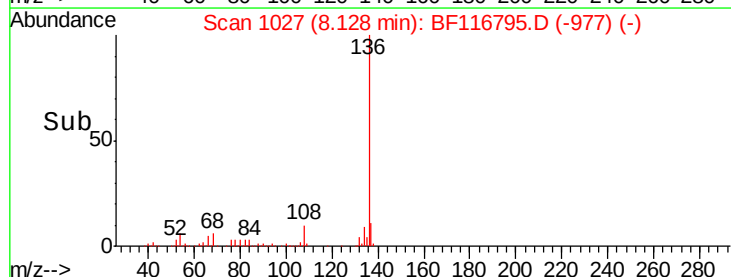
Abundance

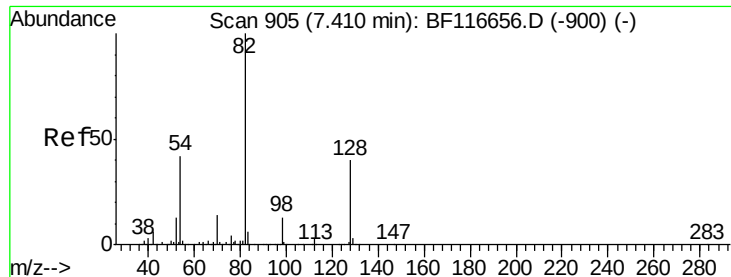
Ion 136.00 (135.70 to 136.70): E

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: 97.565 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

Instrument :

BNA_F

ClientSampleId :

PAR-11-D1-D4-(0-4)

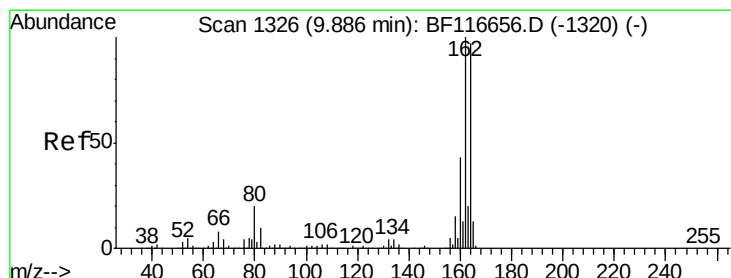
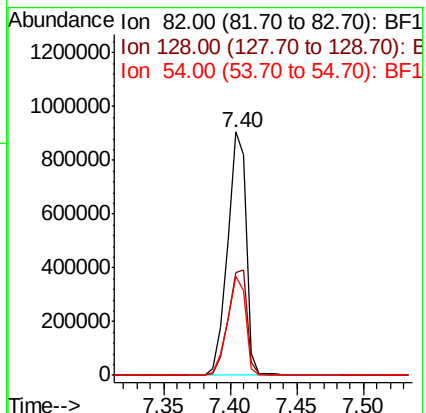
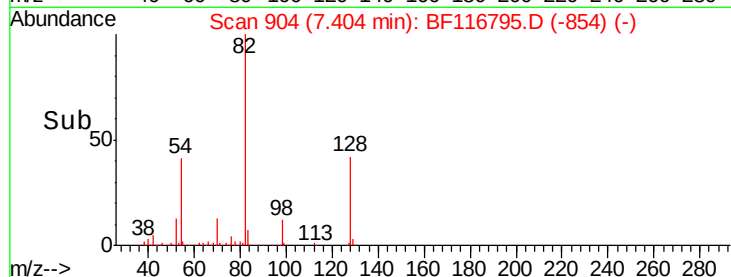
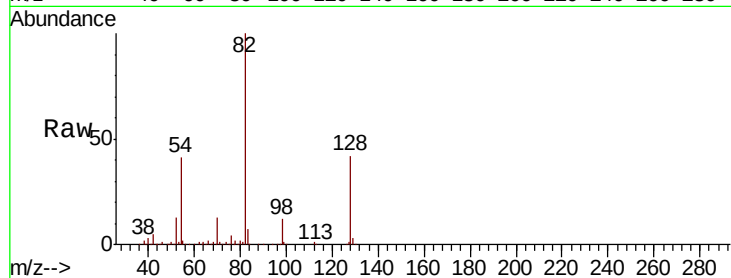
Tot Ion: 82 Resp: 898206

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

54 40.8 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: BF116795.D

Acq: 4 Sep 2019 2:20

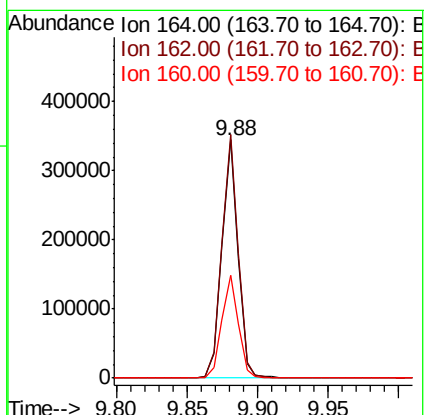
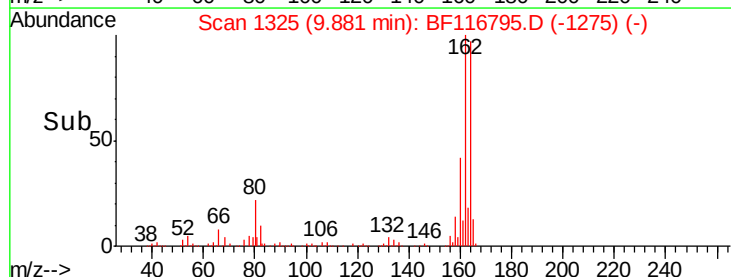
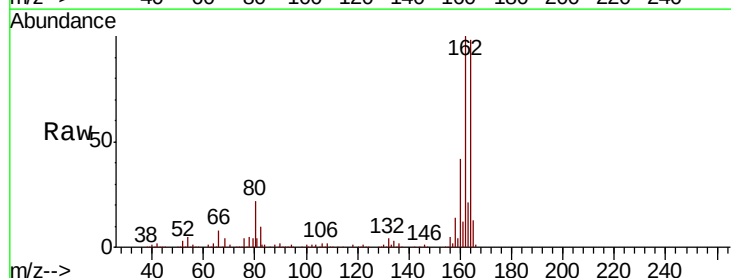
Tgt Ion: 164 Resp: 274208

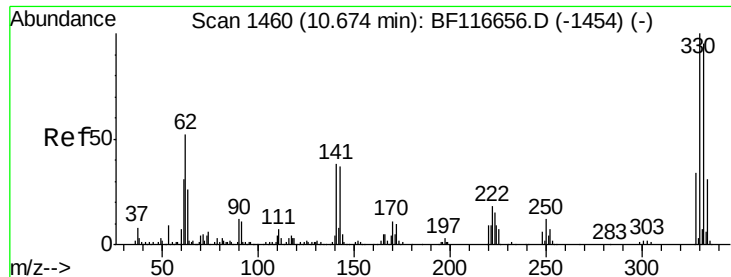
Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 43.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 167.009 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

Instrument :

BNA_F

ClientSampleId :

PAR-11-D1-D4-(0-4)

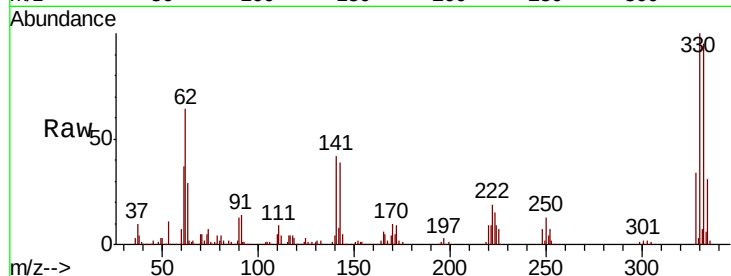
Tot Ion:330 Resp: 306150

Ion Ratio Lower Upper

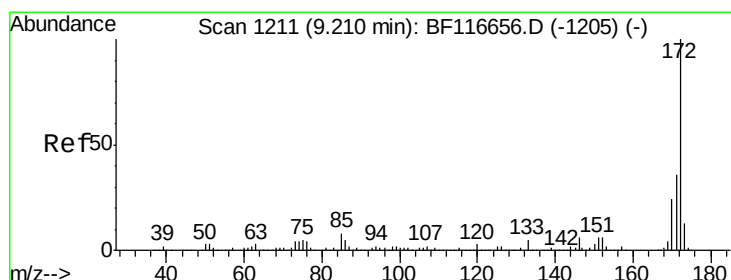
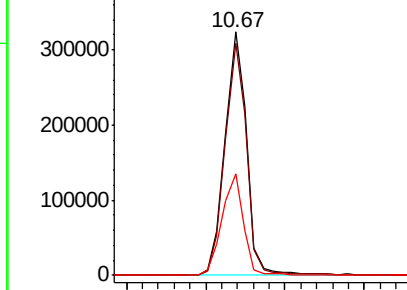
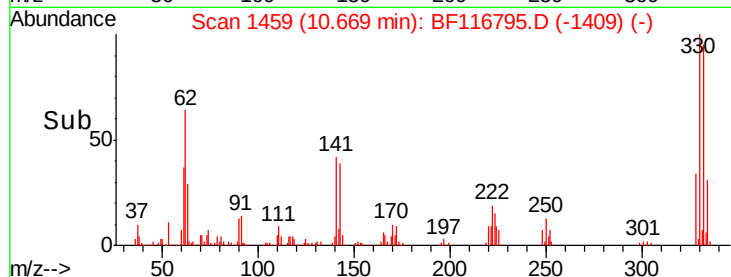
330 100

332 96.4 76.9 115.3

141 41.5 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: 93.608 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

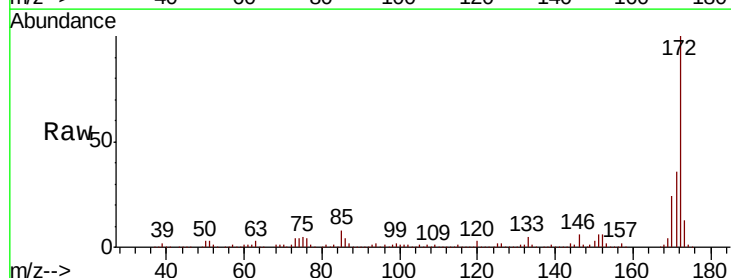
Tgt Ion:172 Resp: 1521619

Ion Ratio Lower Upper

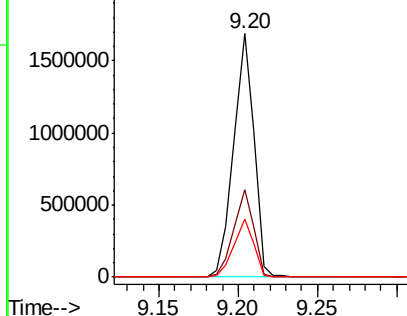
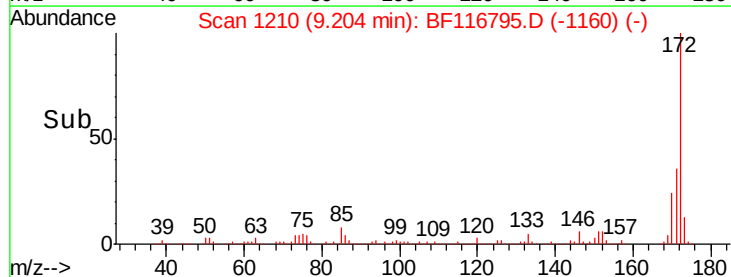
172 100

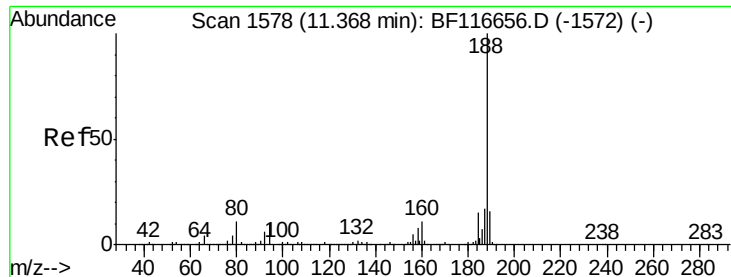
171 36.1 27.8 41.6

170 23.8 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: BF116795.D

Acq: 4 Sep 2019 2:20

Instrument :

BNA_F

ClientSampleId :

PAR-11-D1-D4-(0-4)

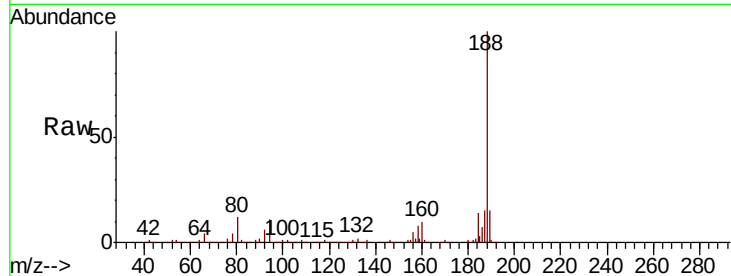
Tot Ion:188 Resp: 472032

Ion Ratio Lower Upper

188 100

94 10.7 7.3 10.9

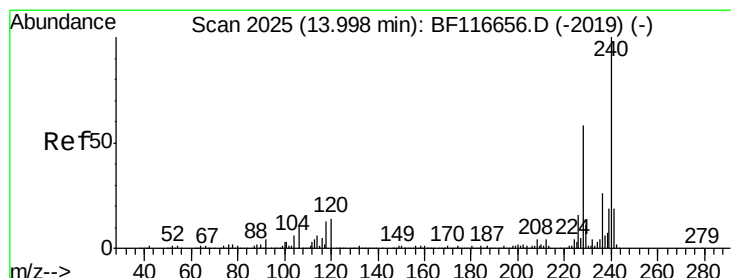
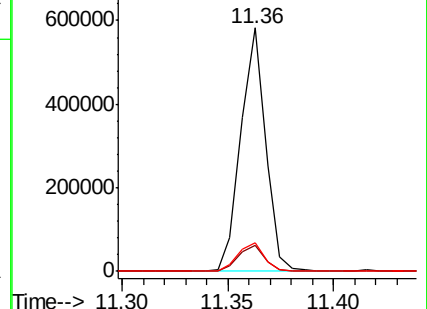
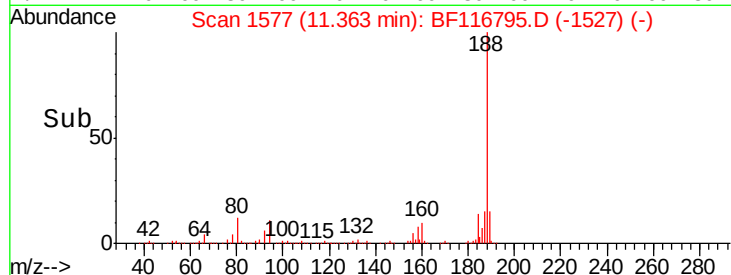
80 11.9 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

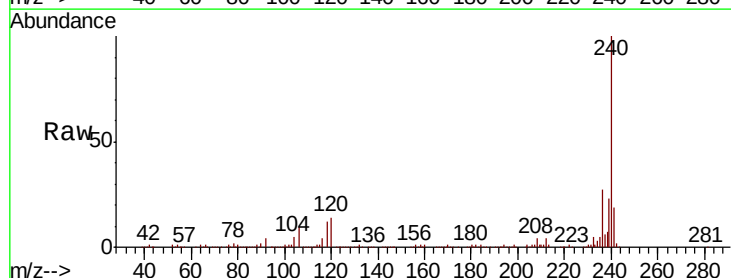
Tgt Ion:240 Resp: 308631

Ion Ratio Lower Upper

240 100

120 13.9 9.1 13.7#

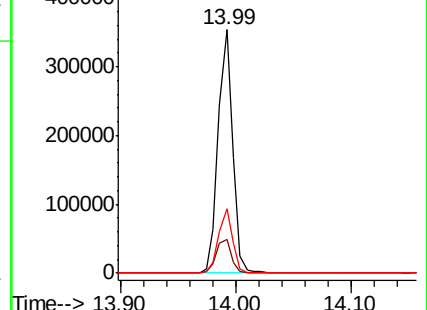
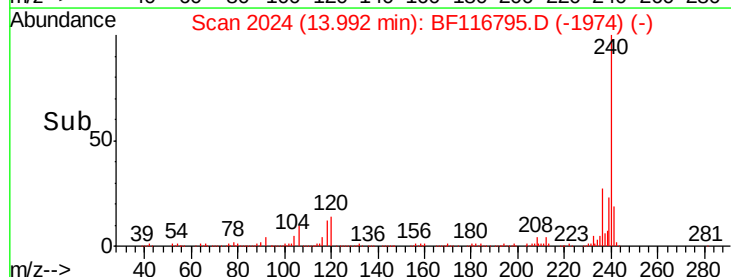
236 26.5 21.1 31.7

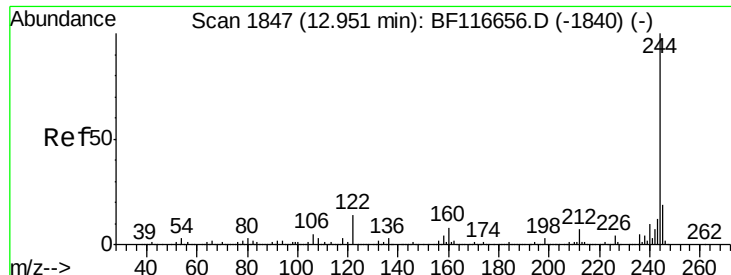


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.946 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116795.D

Acq: 4 Sep 2019 2:20

Instrument :

BNA_F

ClientSampleId :

PAR-11-D1-D4-(0-4)

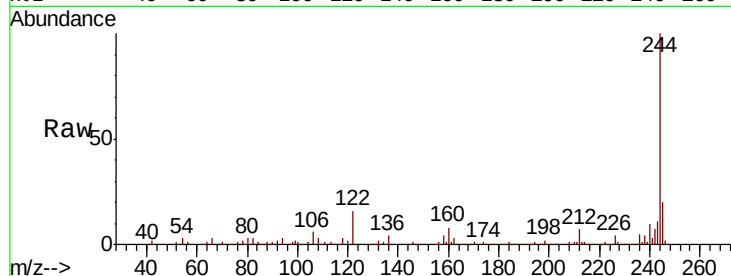
Tot Ion:244 Resp: 1584004

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

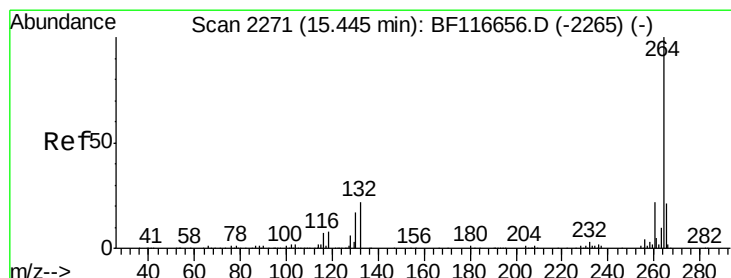
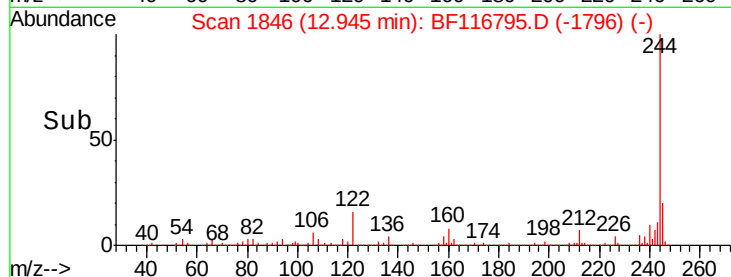
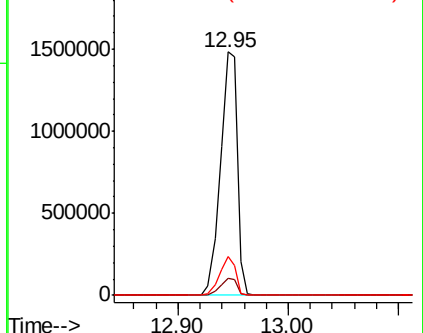
122 16.1 10.2 15.4#



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: BF116795.D

Acq: 4 Sep 2019 2:20

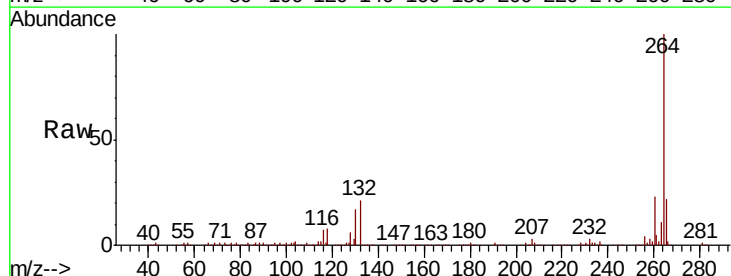
Tgt Ion:264 Resp: 324209

Ion Ratio Lower Upper

264 100

260 23.2 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

