

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116793.D
 Acq On : 4 Sep 2019 1:27
 Operator : HP/JU
 Sample : K4622-30
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-B1-B4-(0-4)

Quant Time: Sep 04 07:35:33 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	134904	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	521880	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	267780	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	429190	20.00	ng	0.00
76) Chrysene-d12	13.99	240	276794	20.00	ng	0.00
87) Perylene-d12	15.44	264	292200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	981227	117.84	ng	0.01
7) Phenol-d6	6.48	99	1208024	110.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	875524	95.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	284486	158.92	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1473280	92.81	ng	0.00
79) Terphenyl-d14	12.94	244	1354044	90.50	ng	0.00

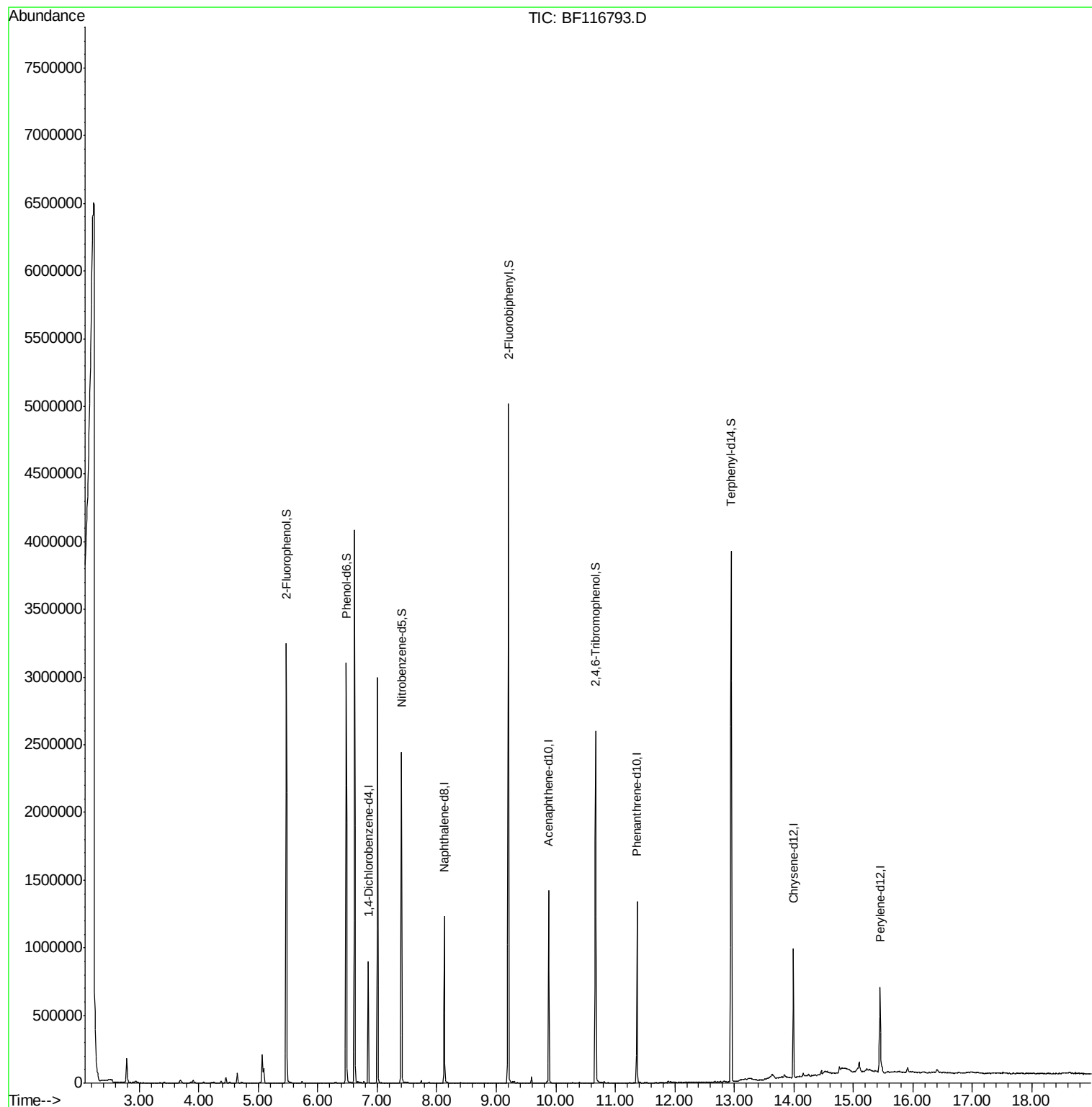
Target Compounds Qvalue

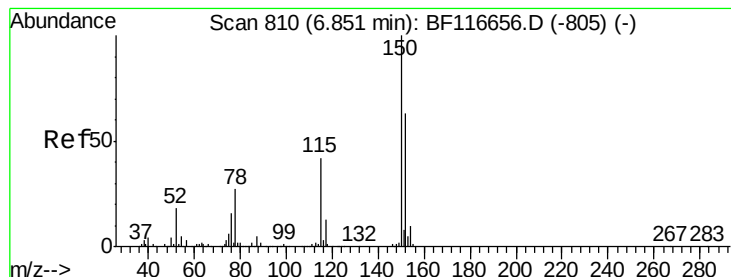
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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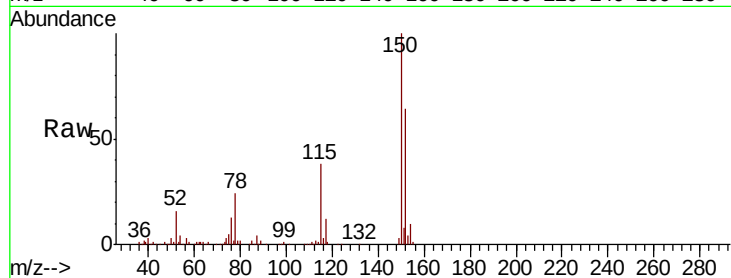


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116793.D
Acq: 4 Sep 2019 1:27

Instrument :
BNA_F
ClientSampleId :
PAR-11-B1-B4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.4	186.6
115	59.4	49.9	74.9

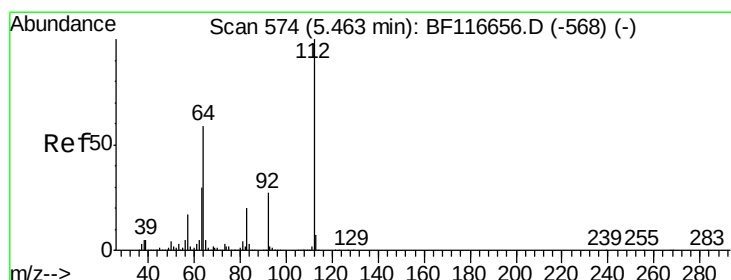
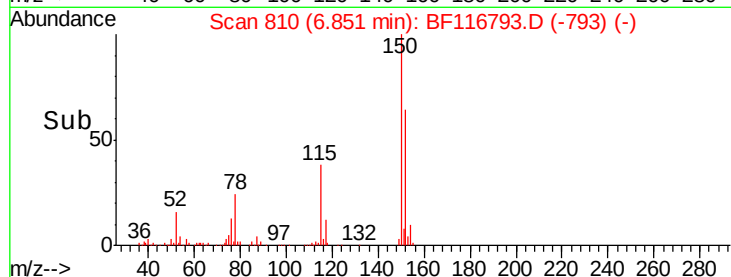
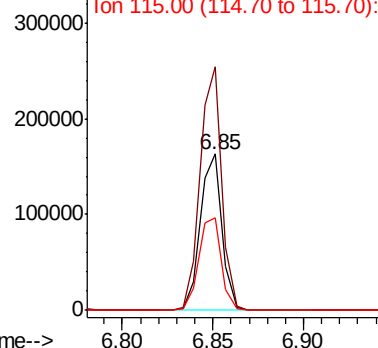


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

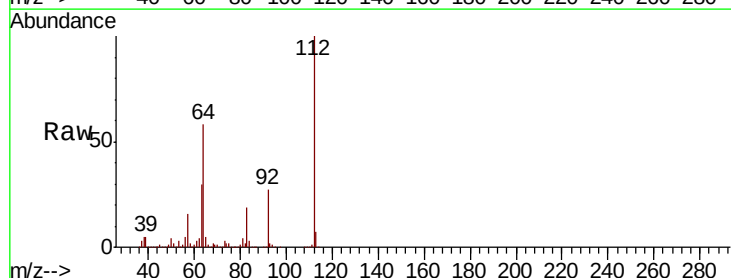
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.835 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116793.D
Acq: 4 Sep 2019 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	30.0	24.9	37.3

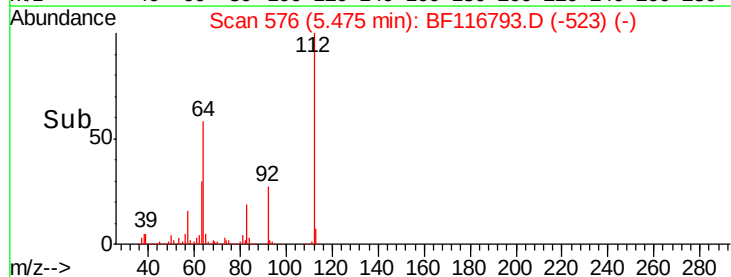
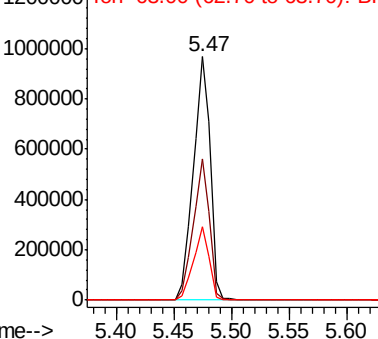


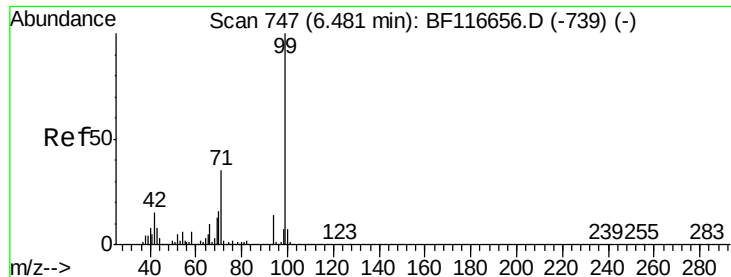
Abundance

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: 110.479 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116793.D

Acq: 4 Sep 2019 1:27

Instrument :

BNA_F

ClientSampleId :

PAR-11-B1-B4-(0-4)

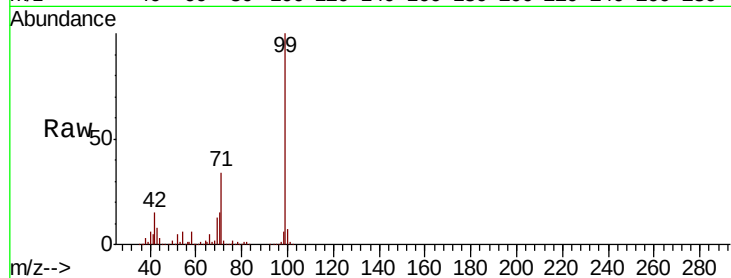
Tot Ion: 99 Resp: 1208024

Ion Ratio Lower Upper

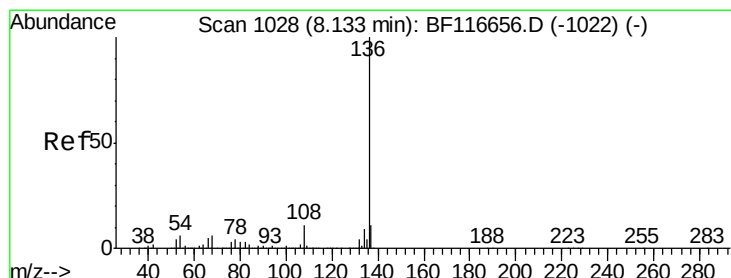
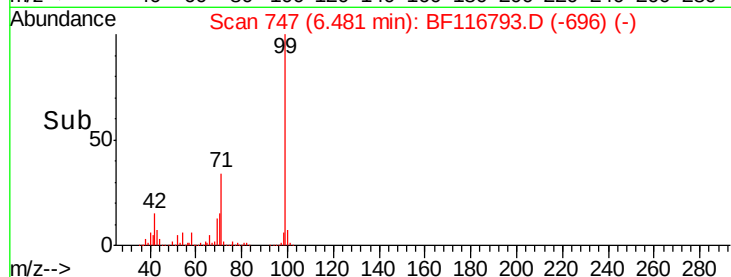
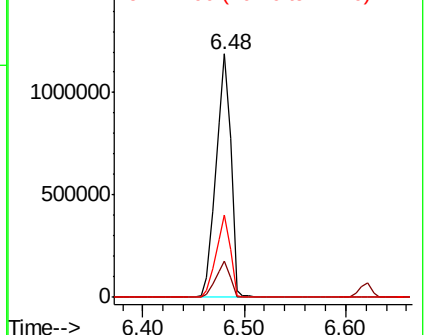
99 100

42 15.0 13.7 20.5

71 33.8 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: BF116793.D

Acq: 4 Sep 2019 1:27

Tgt Ion: 136 Resp: 521880

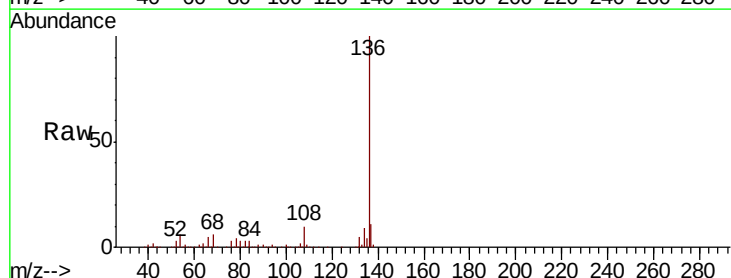
Ion Ratio Lower Upper

136 100

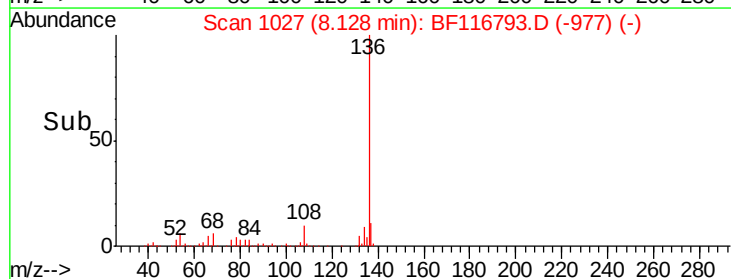
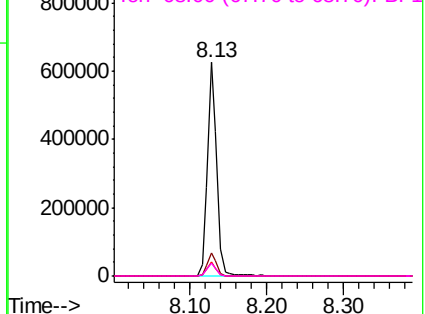
137 11.0 8.9 13.3

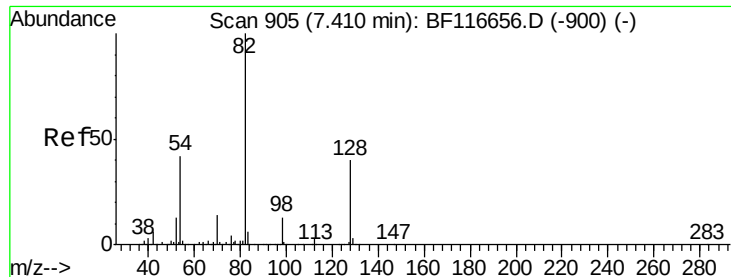
54 6.4 4.8 7.2

68 5.8 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

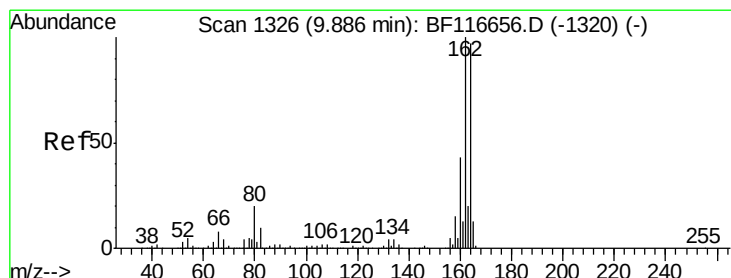
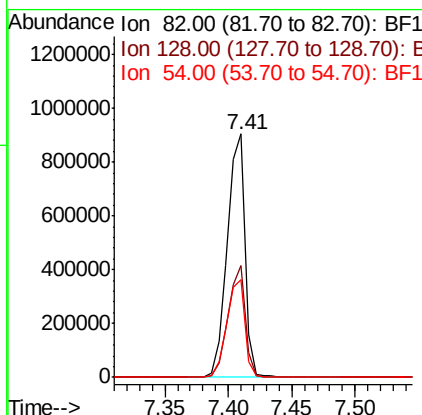
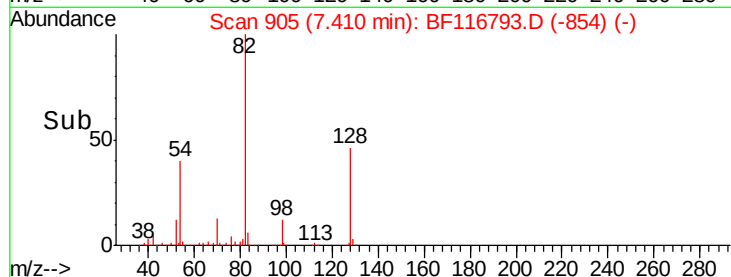
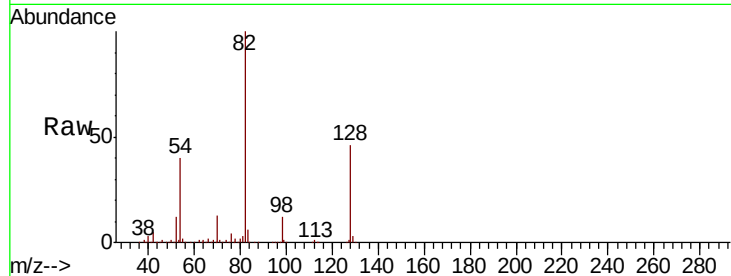




#23
 Nitrobenzene-d5
 Concen: 95.772 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116793.D
 Acq: 4 Sep 2019 1:27

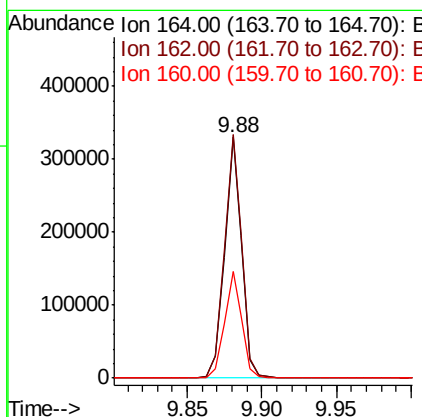
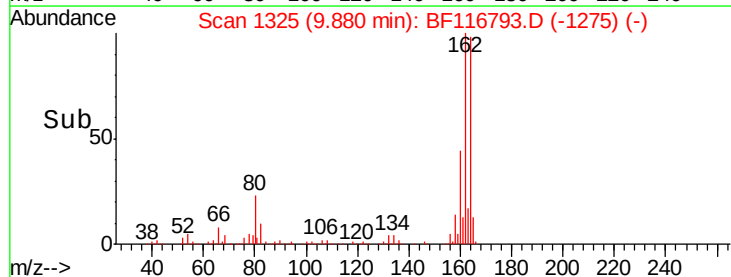
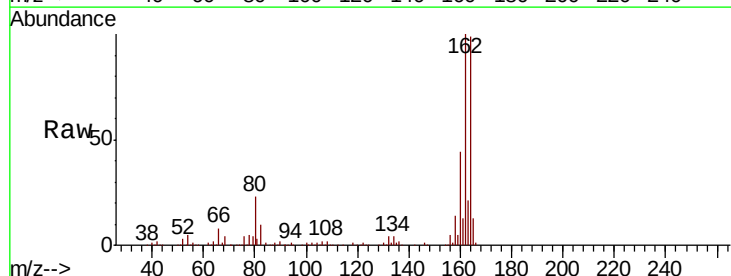
Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-B1-B4-(0-4)

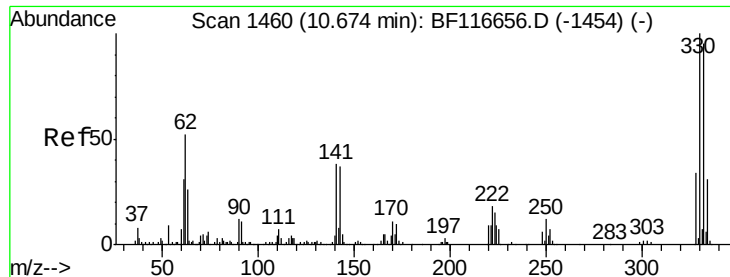
Tot Ion	82	Resp	875524
Ion Ratio	Lower	Upper	
82	100		
128	45.9	32.8	49.2
54	39.9	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116793.D
 Acq: 4 Sep 2019 1:27

Tgt Ion	164	Resp	267780
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.4	122.0
160	44.3	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 158.916 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116793.D

Acq: 4 Sep 2019 1:27

Instrument :

BNA_F

ClientSampleId :

PAR-11-B1-B4-(0-4)

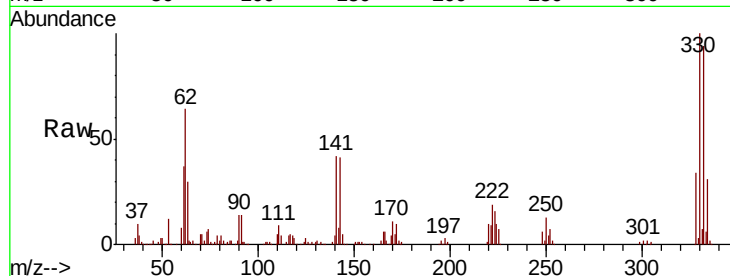
Tot Ion:330 Resp: 284486

Ion Ratio Lower Upper

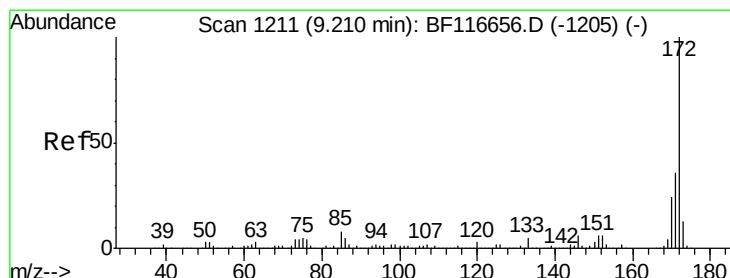
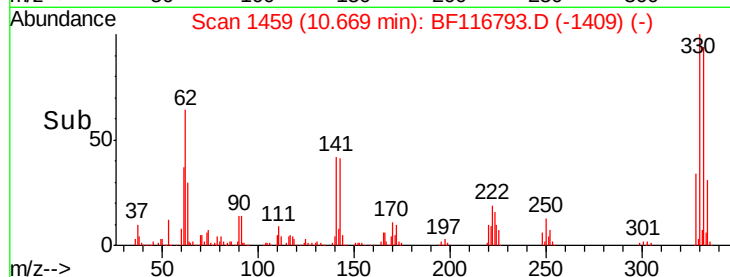
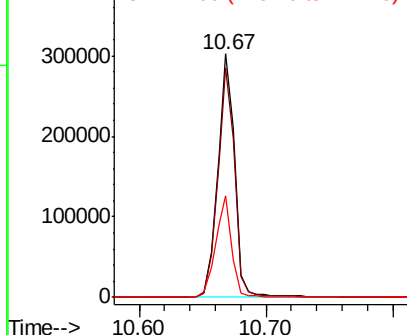
330 100

332 95.0 76.9 115.3

141 40.2 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: 92.810 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF116793.D

Acq: 4 Sep 2019 1:27

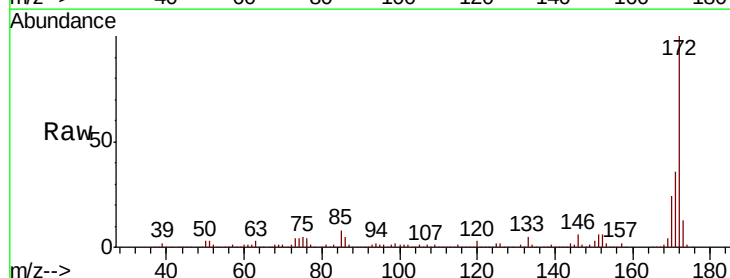
Tgt Ion:172 Resp: 1473280

Ion Ratio Lower Upper

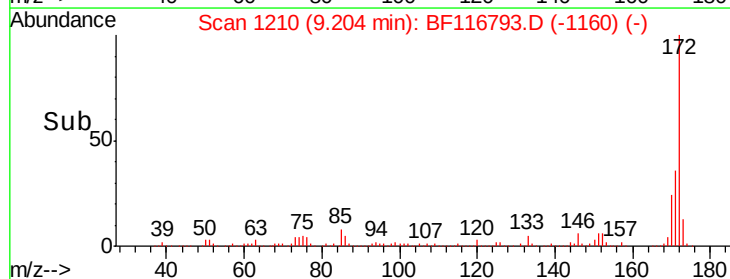
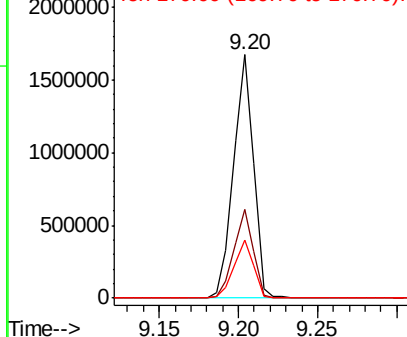
172 100

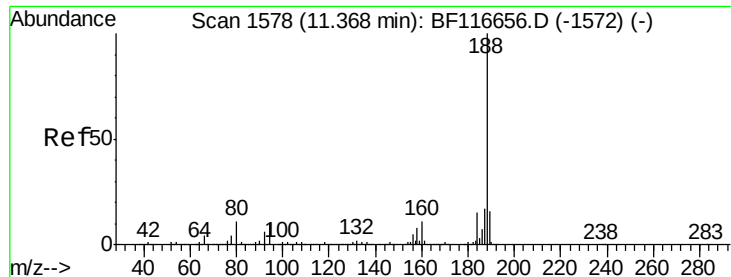
171 36.2 27.8 41.6

170 24.1 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

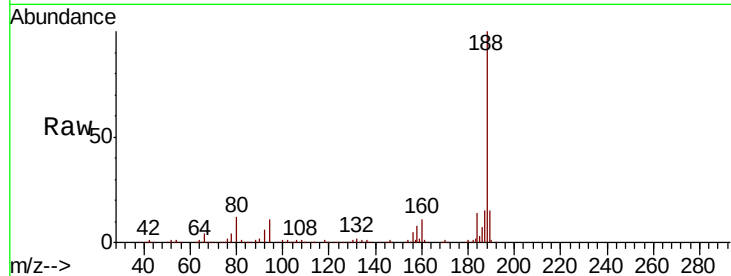




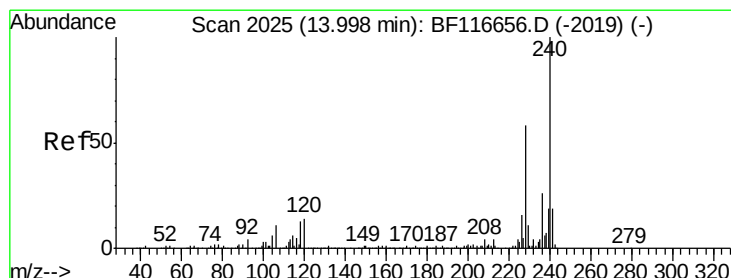
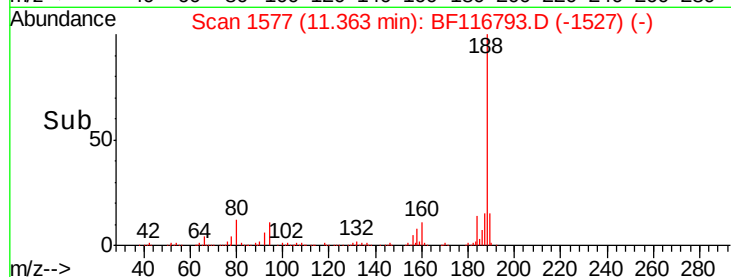
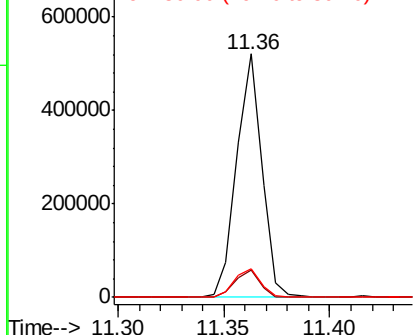
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116793.D
Acq: 4 Sep 2019 1:27

Instrument :
BNA_F
ClientSampleId :
PAR-11-B1-B4-(0-4)

Tot Ion:188 Resp: 429190
Ion Ratio Lower Upper
188 100
94 11.3 7.3 10.9#
80 11.7 8.4 12.6

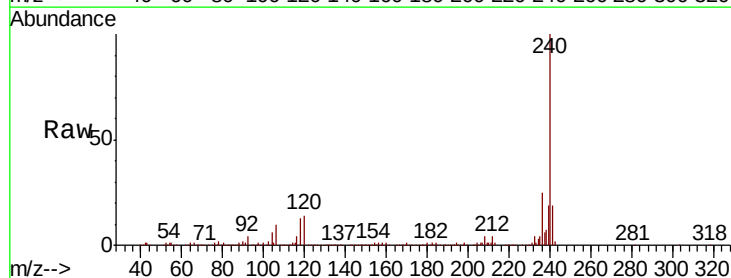


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

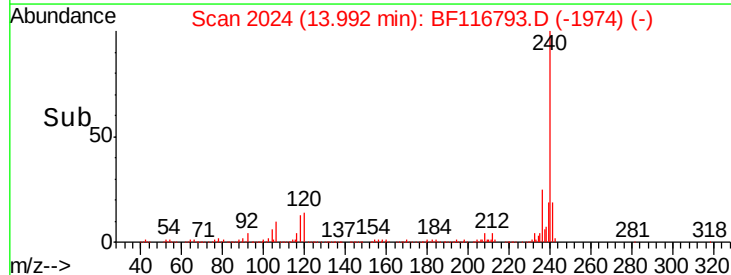
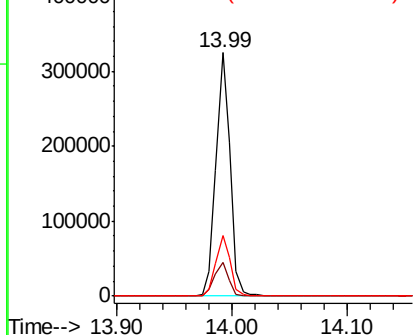


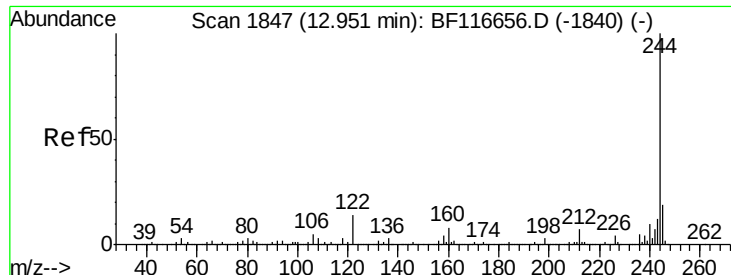
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116793.D
Acq: 4 Sep 2019 1:27

Tgt Ion:240 Resp: 276794
Ion Ratio Lower Upper
240 100
120 13.7 9.1 13.7
236 25.1 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: 90.497 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116793.D

Acq: 4 Sep 2019 1:27

Instrument :

BNA_F

ClientSampleId :

PAR-11-B1-B4-(0-4)

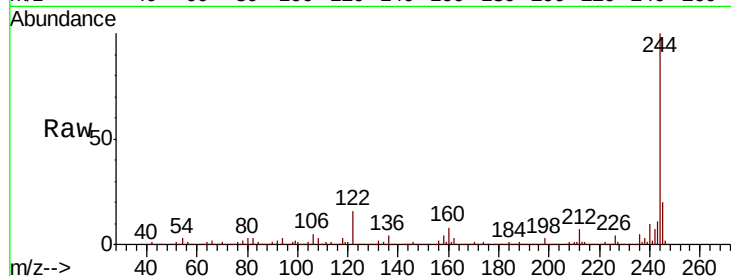
Tot Ion:244 Resp: 1354044

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

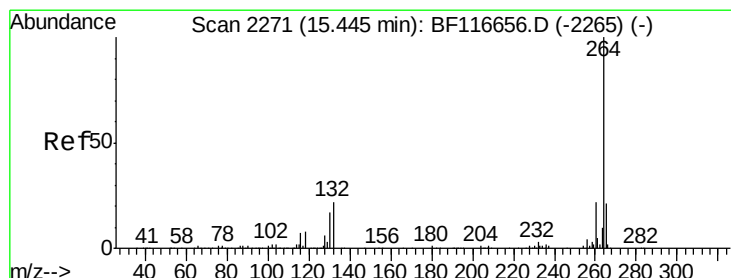
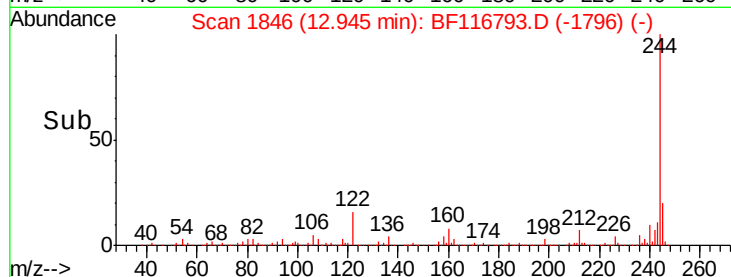
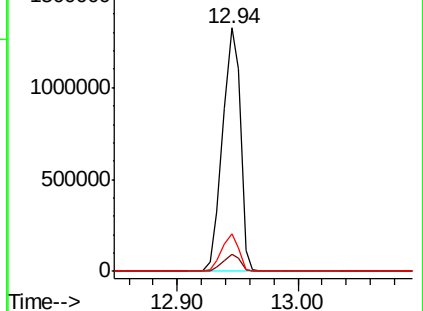
122 15.6 10.2 15.4#



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: BF116793.D

Acq: 4 Sep 2019 1:27

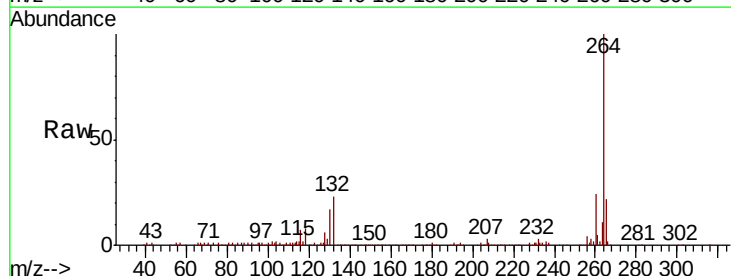
Tgt Ion:264 Resp: 292200

Ion Ratio Lower Upper

264 100

260 23.7 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

