

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116794.D
 Acq On : 4 Sep 2019 1:53
 Operator : HP/JU
 Sample : K4622-39
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-C1-C4-(0-4)

Quant Time: Sep 04 07:38:14 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	135057	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	520890	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	267055	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	436195	20.00	ng	0.00
76) Chrysene-d12	13.99	240	298311	20.00	ng	0.00
87) Perylene-d12	15.44	264	307608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	974376	116.88	ng	0.01
7) Phenol-d6	6.48	99	1199026	109.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	872124	95.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	281289	157.56	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1416581	89.48	ng	0.00
79) Terphenyl-d14	12.95	244	1412436	87.59	ng	0.00

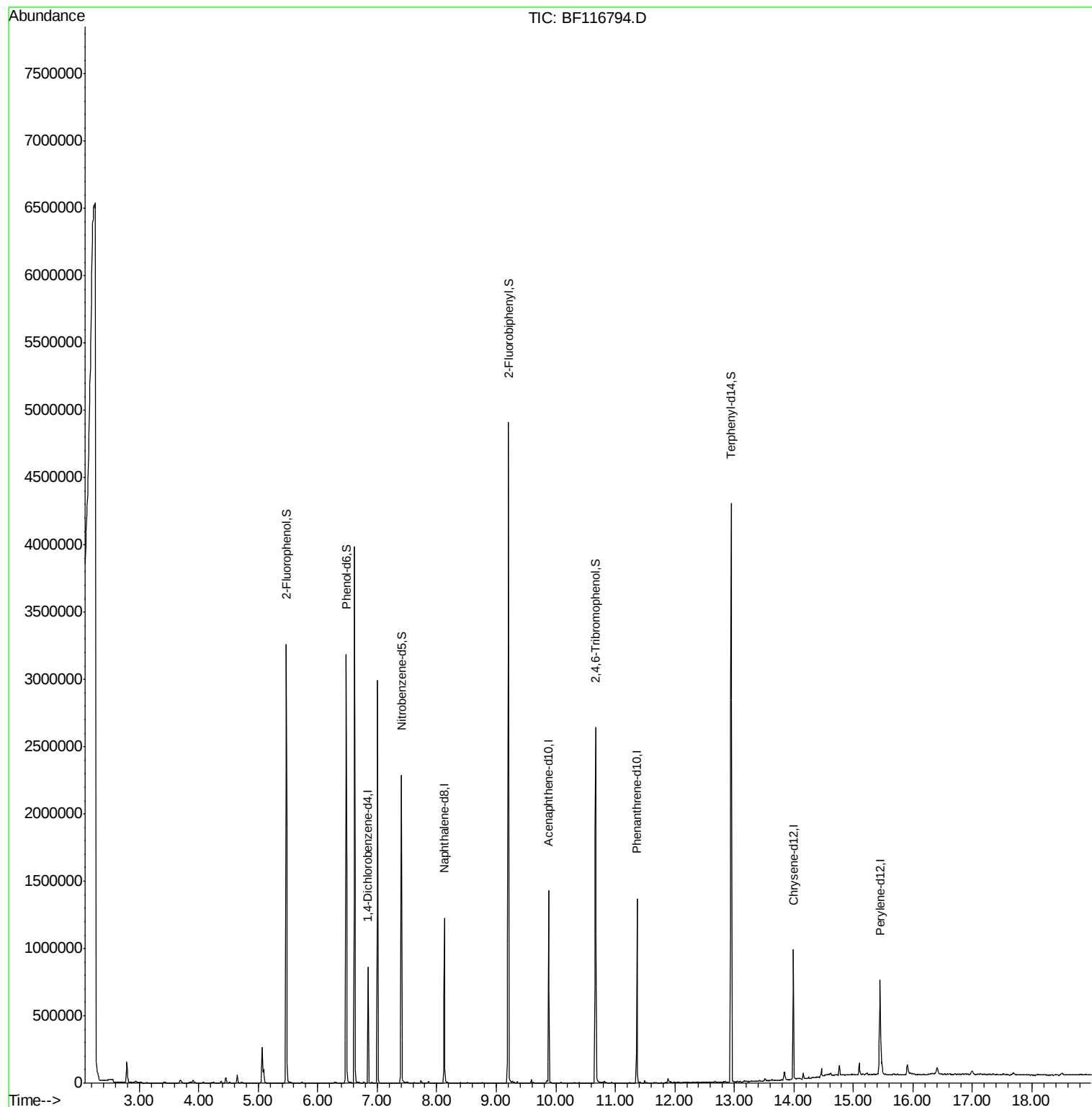
Target Compounds Qvalue

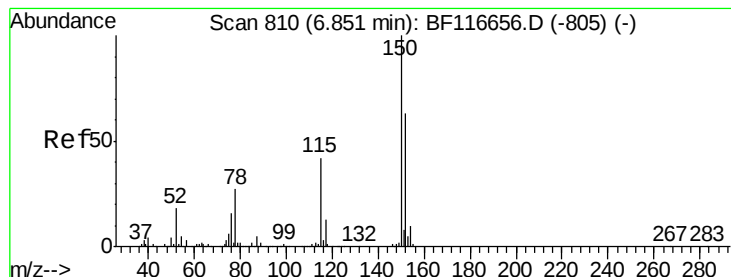
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116794.D

Acq: 4 Sep 2019 1:53

Instrument :

BNA_F

ClientSampleId :

PAR-11-C1-C4-(0-4)

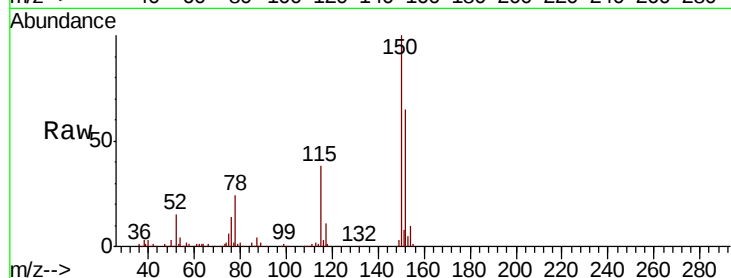
Tot Ion:152 Resp: 135057

Ion Ratio Lower Upper

152 100

150 153.3 124.4 186.6

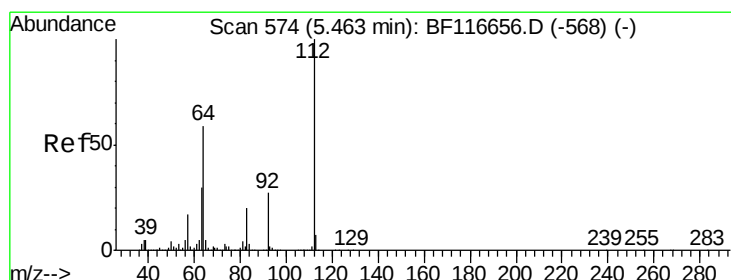
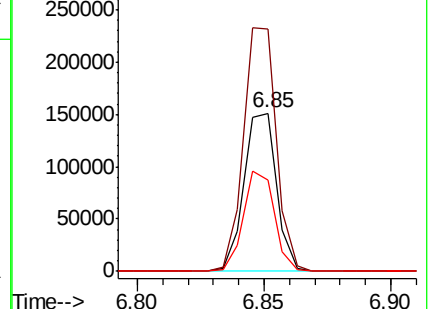
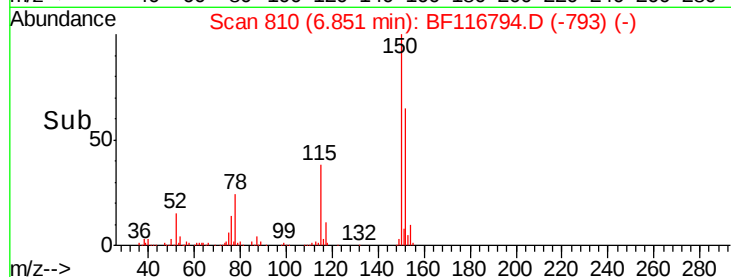
115 57.7 49.9 74.9



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: 116.880 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116794.D

Acq: 4 Sep 2019 1:53

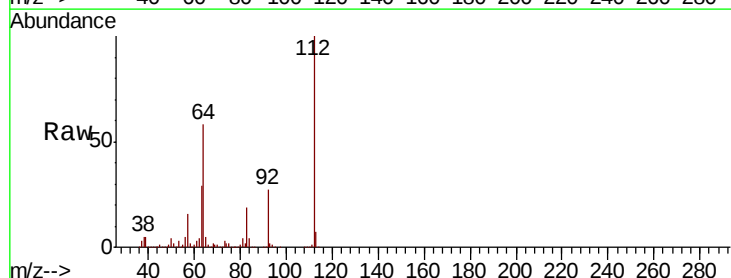
Tgt Ion:112 Resp: 974376

Ion Ratio Lower Upper

112 100

64 57.5 47.1 70.7

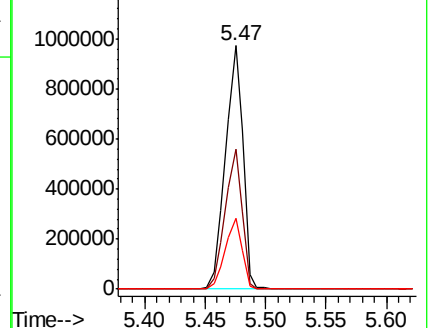
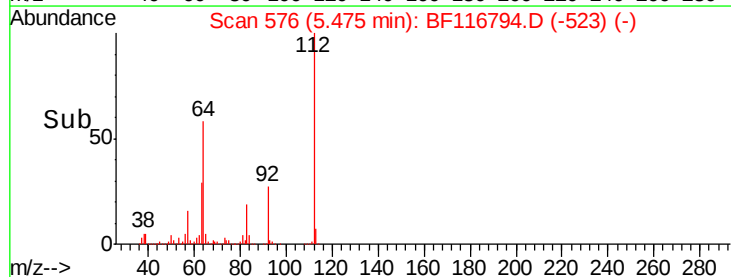
63 29.2 24.9 37.3



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: 109.532 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116794.D

Acq: 4 Sep 2019 1:53

Instrument :

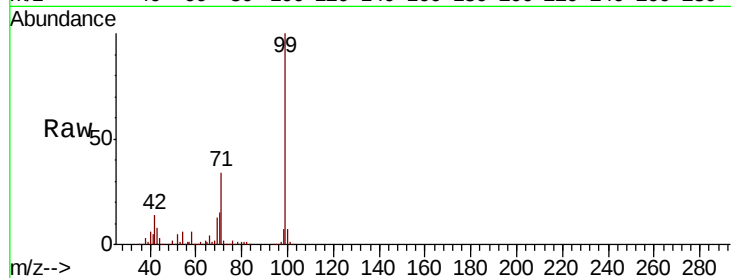
BNA_F

ClientSampleId :

PAR-11-C1-C4-(0-4)

Tot Ion: 99 Resp: 1199026

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	33.5	30.8	46.2

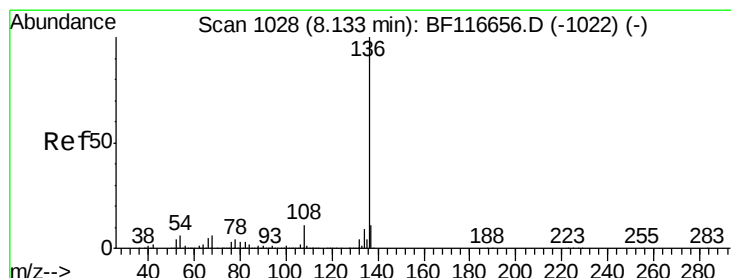
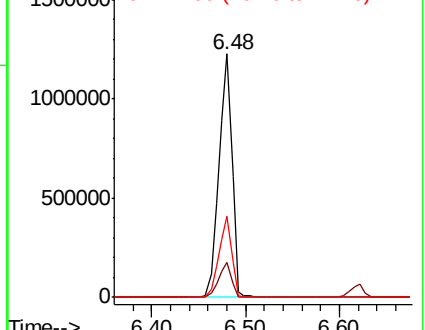
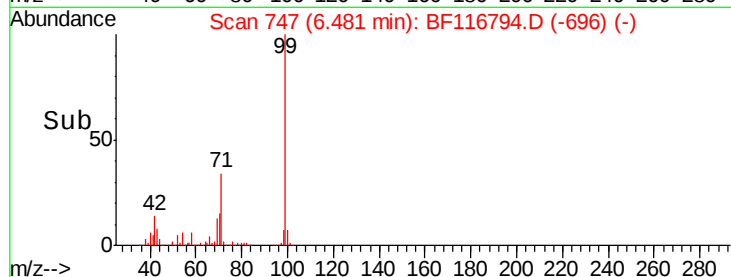


Abundance

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

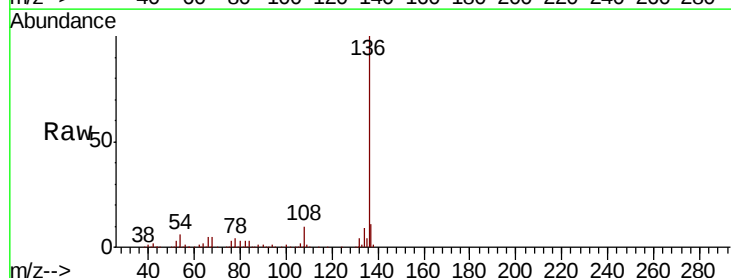
Delta R.T. -0.01 min

Lab File: BF116794.D

Acq: 4 Sep 2019 1:53

Tgt Ion: 136 Resp: 520890

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	4.8	7.2
68	5.5	4.0	6.0



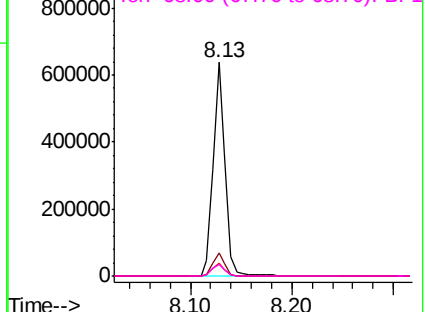
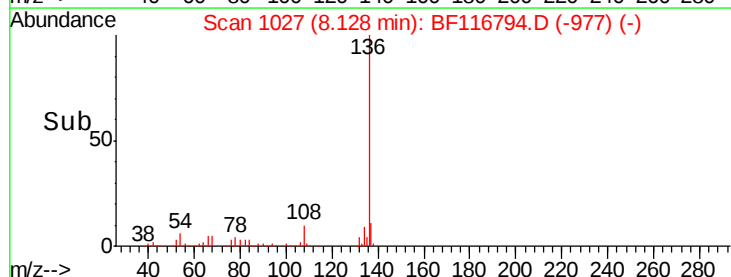
Abundance

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

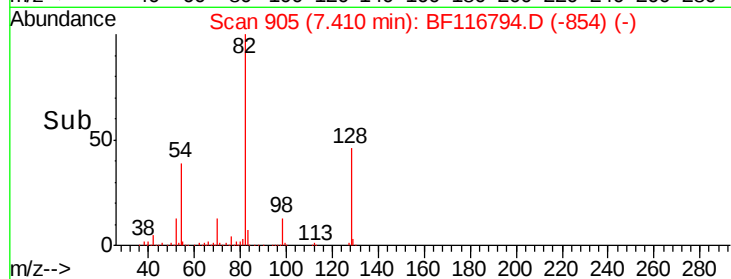
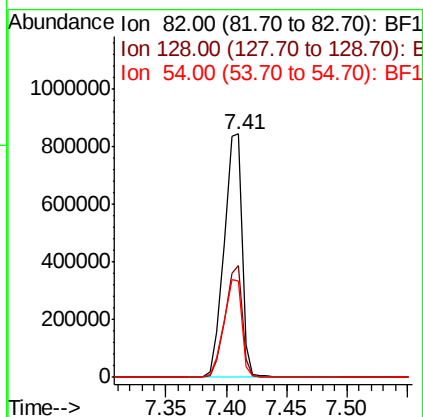
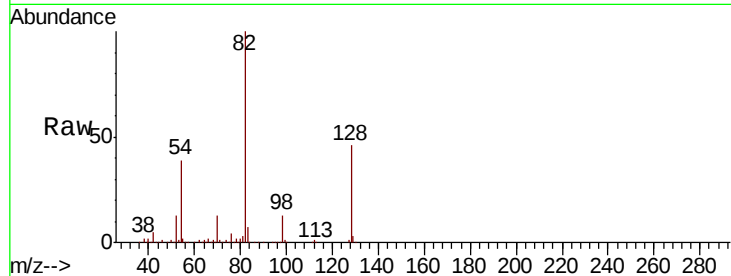




#23
Nitrobenzene-d5
Concen: 95.581 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

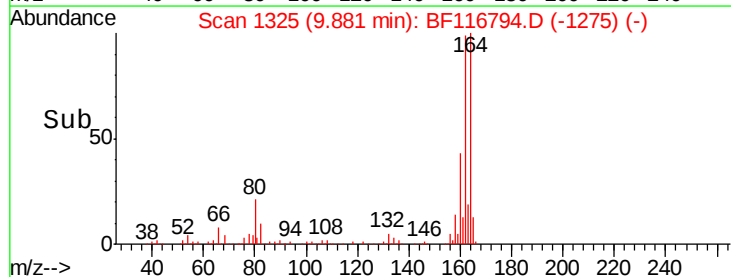
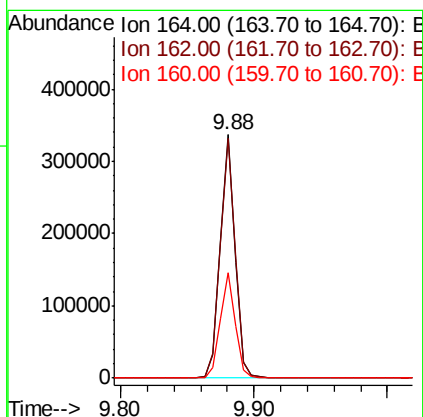
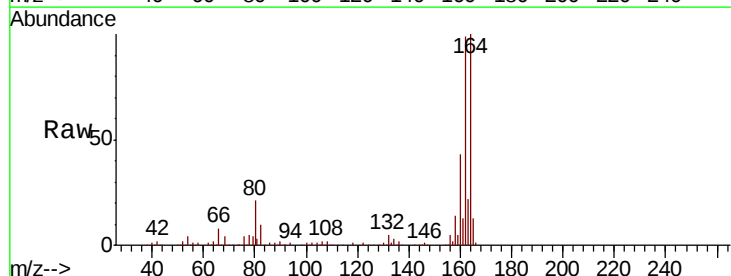
Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	82	Resp	872124
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.8	49.2
54	39.4	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: BF116794.D
Acq: 4 Sep 2019 1:53

Tgt Ion	164	Resp	267055
Ion Ratio	Lower	Upper	
164	100		
162	98.7	81.4	122.0
160	43.0	35.4	53.2

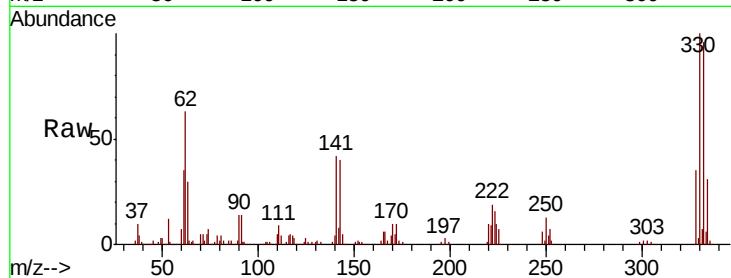




#42
 2,4,6-Tribromophenol
 Concen: 157.557 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	41.5	31.4	47.2

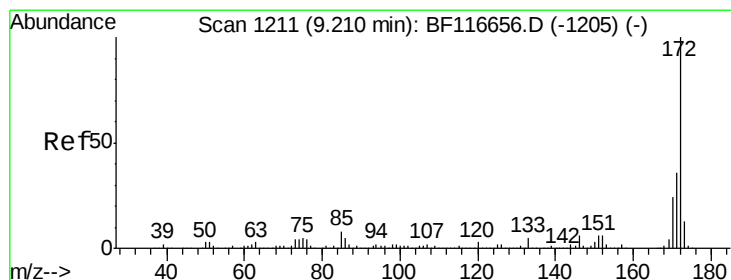
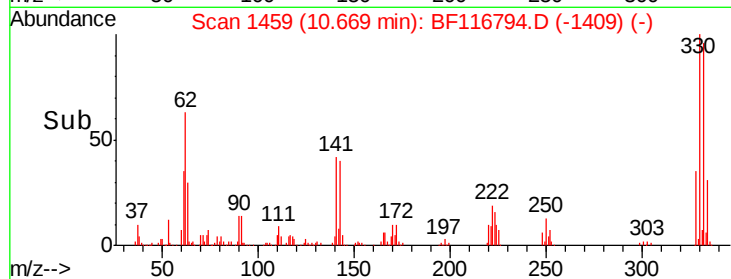
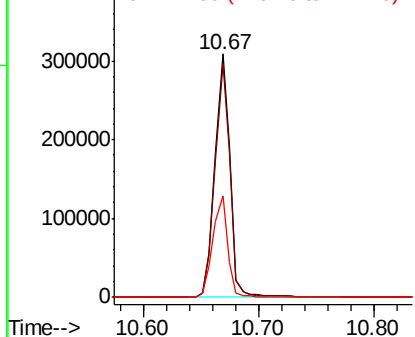


Abundance

Ion 329.80 (329.50 to 330.50): E

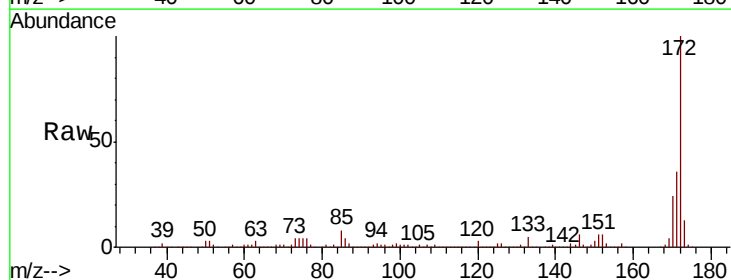
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.481 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	23.8	18.9	28.3

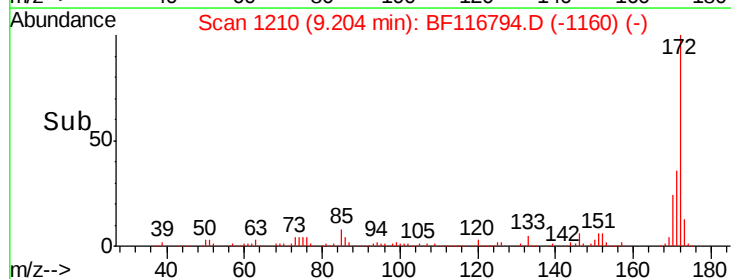
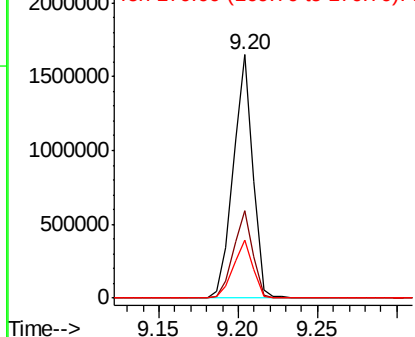


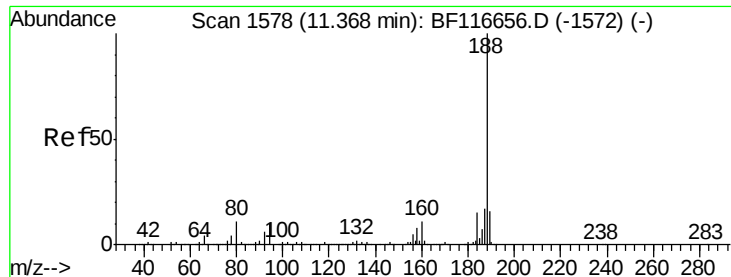
Abundance

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

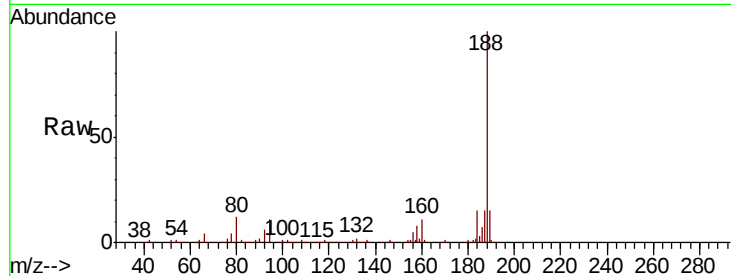




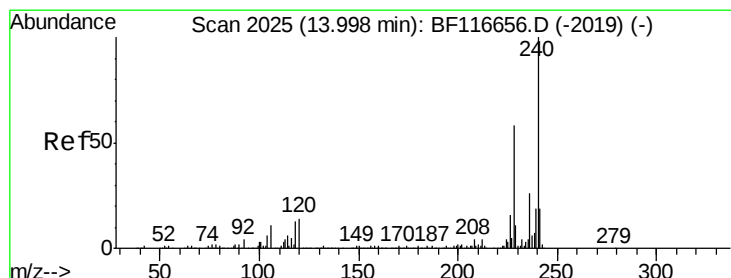
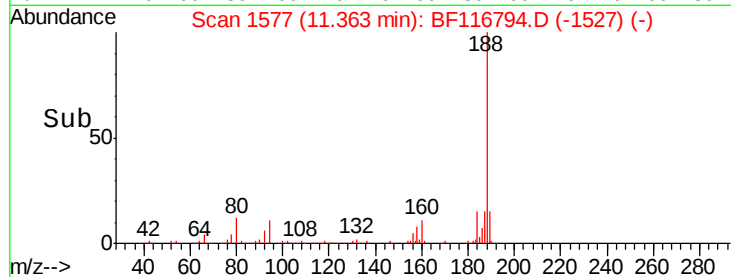
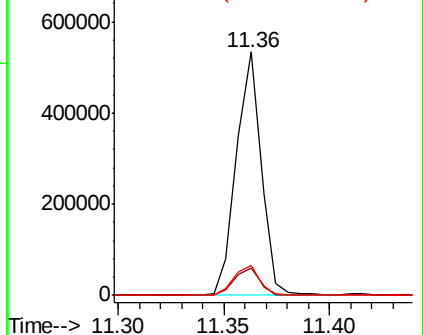
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion:188 Resp: 436195
Ion Ratio Lower Upper
188 100
94 11.2 7.3 10.9#
80 12.0 8.4 12.6

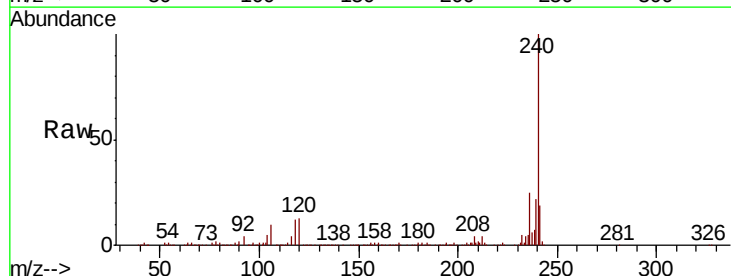


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

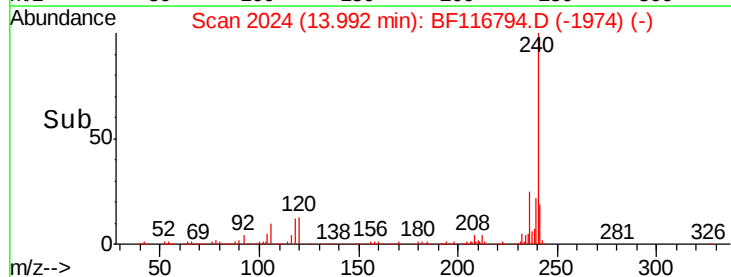
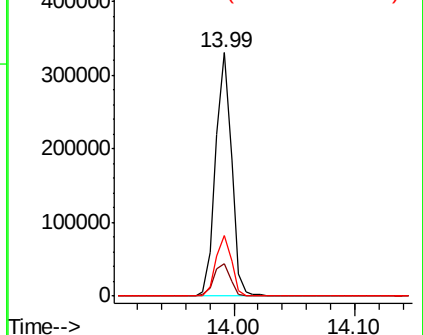


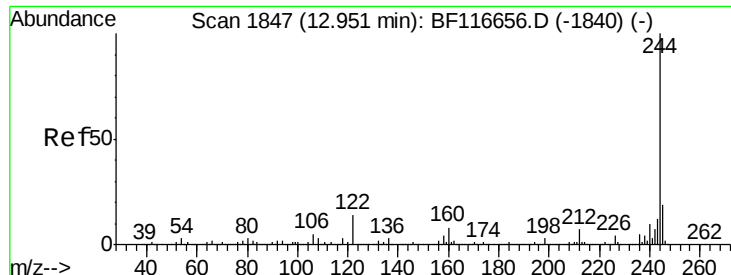
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Tgt Ion:240 Resp: 298311
Ion Ratio Lower Upper
240 100
120 13.2 9.1 13.7
236 25.0 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

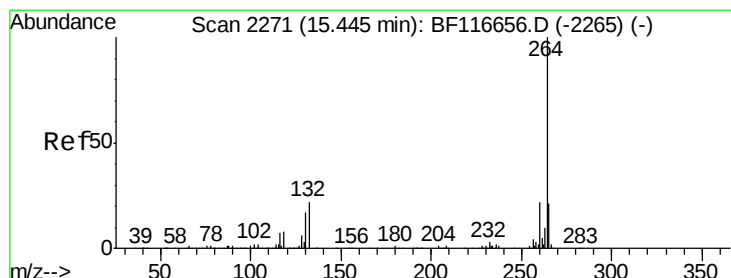
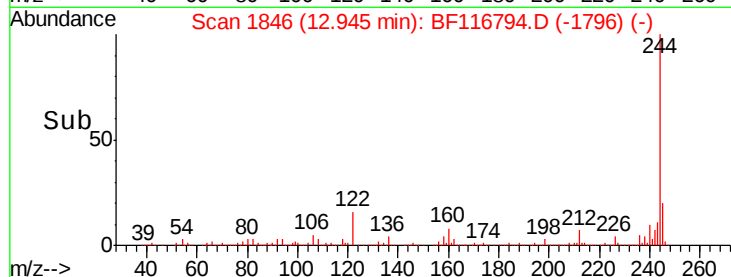
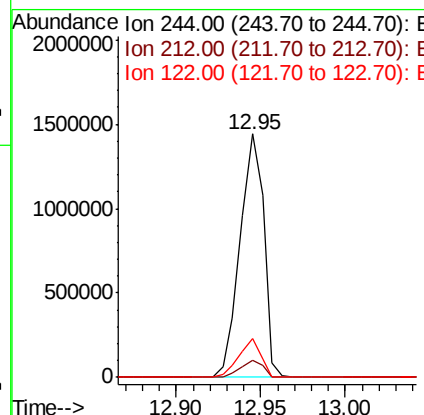
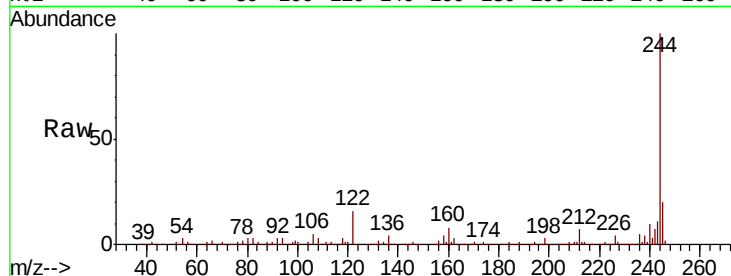




#79
 Terphenyl-d14
 Concen: 87.591 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Instrument :
 BNA_F
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 PAR-11-C1-C4-(0-4)

Tot Ion:244 Resp: 1412436
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 15.8 10.2 15.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion:264 Resp: 307608
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 22.4 16.5 24.7

