

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116787.D
 Acq On : 3 Sep 2019 21:53
 Operator : HP/JU
 Sample : K4580-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Quant Time: Sep 04 07:19:46 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	123875	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	518333	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	262549	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	408954	20.00	ng	0.00
76) Chrysene-d12	14.00	240	294056	20.00	ng	0.00
87) Perylene-d12	15.46	264	314148	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	131913	17.25	ng	0.00
7) Phenol-d6	6.47	99	185899	18.51	ng	-0.01
23) Nitrobenzene-d5	7.40	82	104139	11.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	35802	20.40	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	211524	13.59	ng	-0.01
79) Terphenyl-d14	12.94	244	181335	11.41	ng	0.00

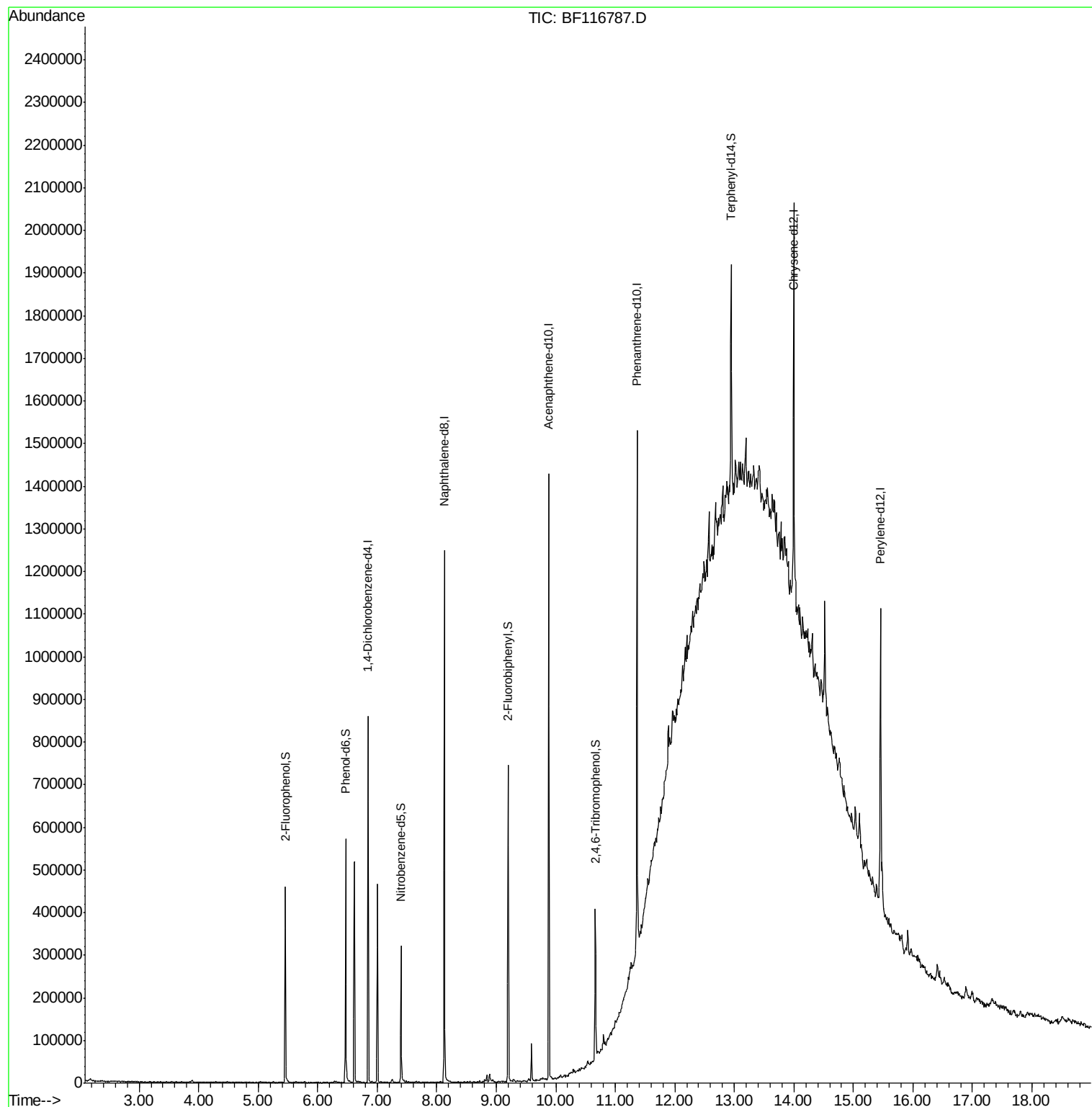
Target Compounds Qvalue

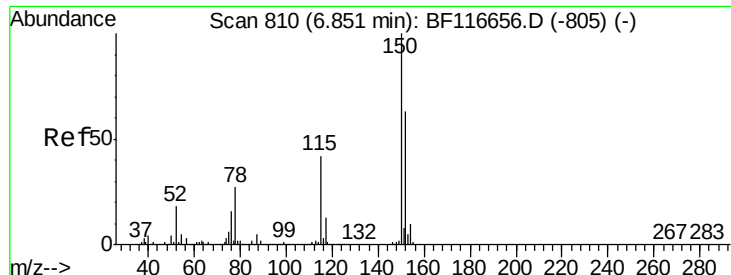
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116787.D

Acq: 3 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T12-B1-B4-(0-3.5)

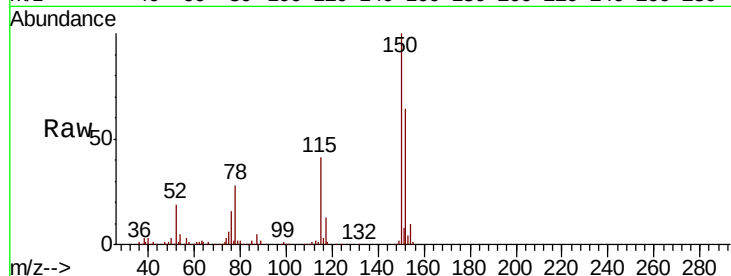
Tot Ion:152 Resp: 123875

Ion Ratio Lower Upper

152 100

150 156.2 124.4 186.6

115 63.5 49.9 74.9

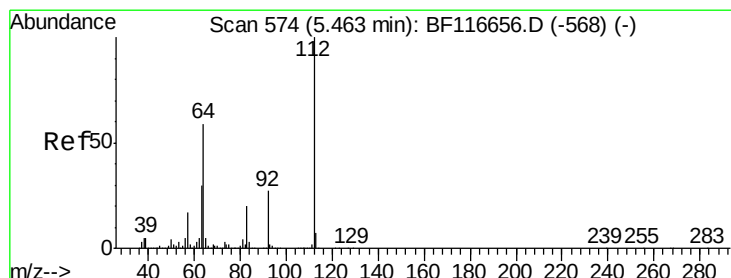
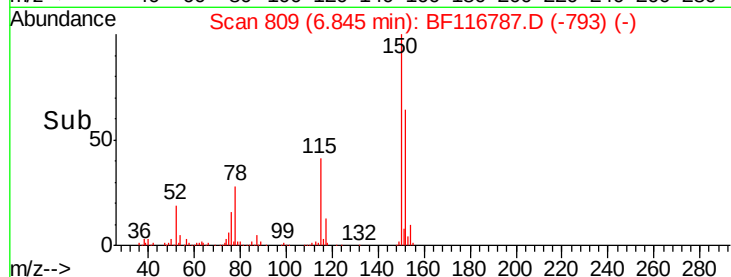
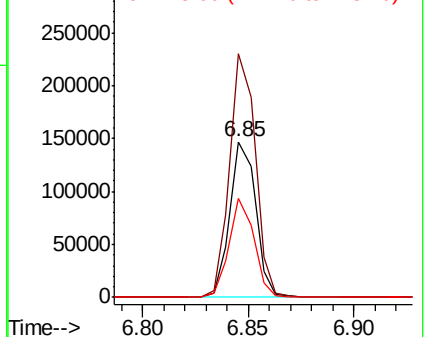


Abundance

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: 17.252 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

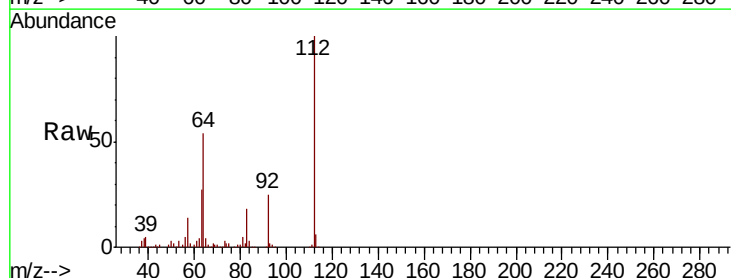
Tgt Ion:112 Resp: 131913

Ion Ratio Lower Upper

112 100

64 53.7 47.1 70.7

63 27.2 24.9 37.3

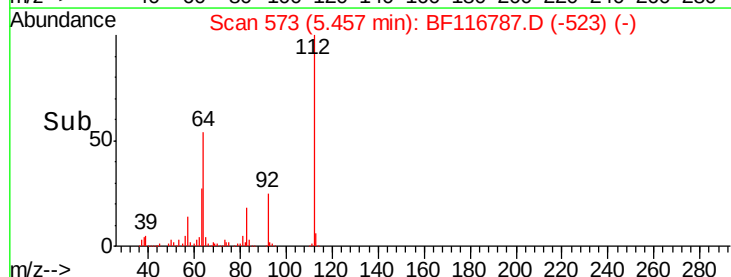
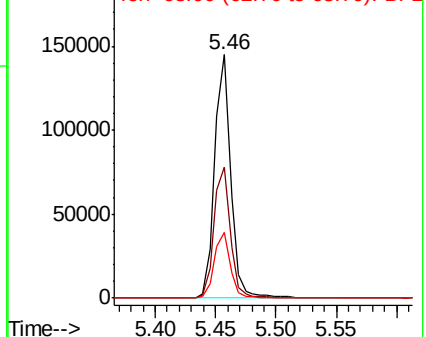


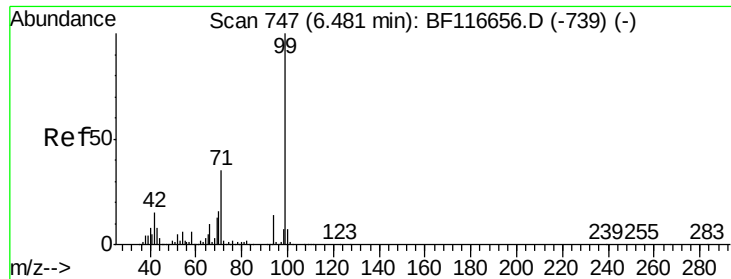
Abundance

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: 18.515 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T12-B1-B4-(0-3.5)

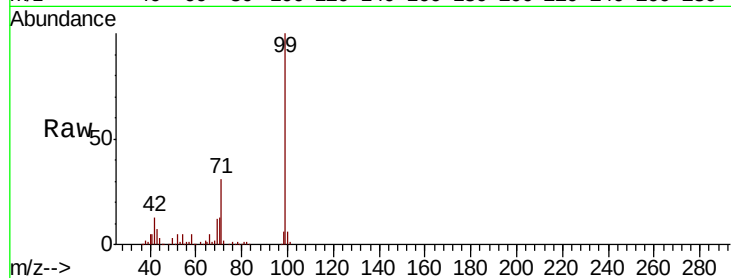
Tot Ion: 99 Resp: 185899

Ion Ratio Lower Upper

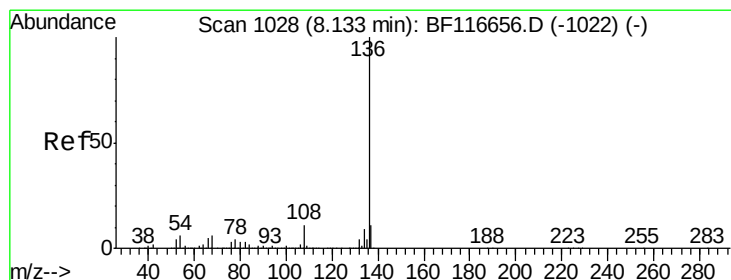
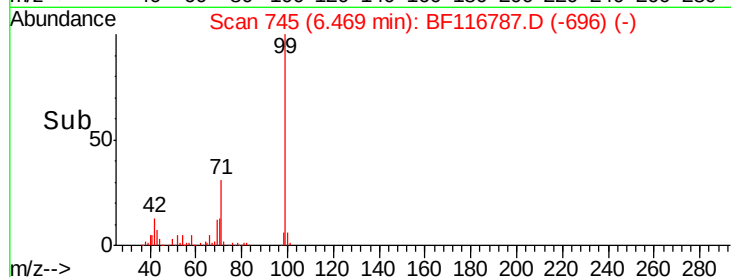
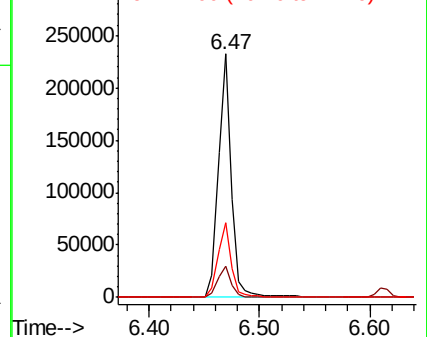
99 100

42 12.6 13.7 20.5#

71 30.8 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: BF116787.D

Acq: 3 Sep 2019 21:53

Tgt Ion: 136 Resp: 518333

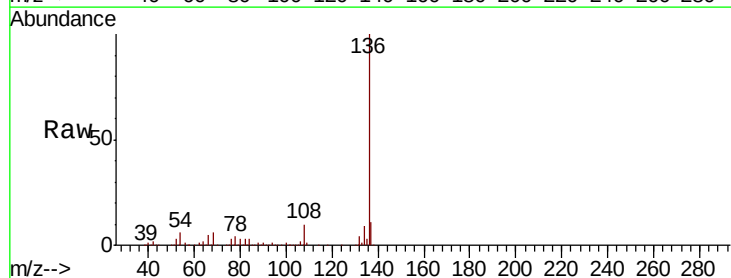
Ion Ratio Lower Upper

136 100

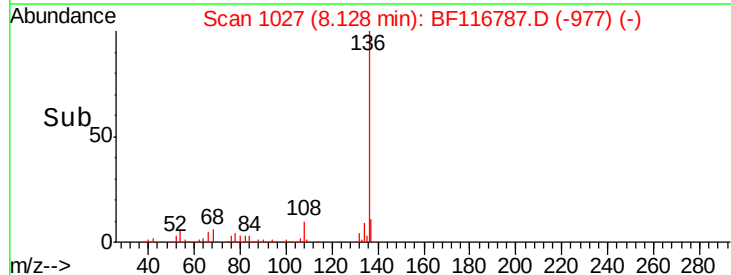
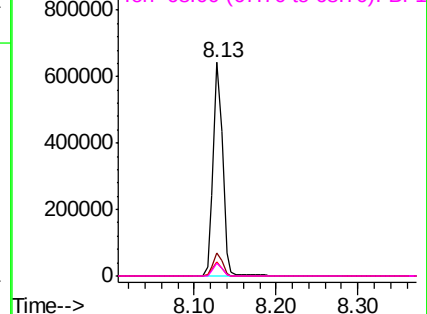
137 10.9 8.9 13.3

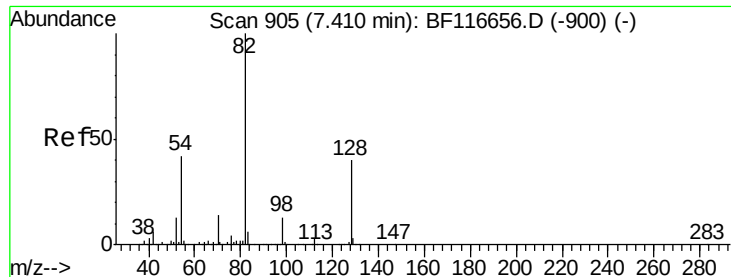
54 6.3 4.8 7.2

68 6.1 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

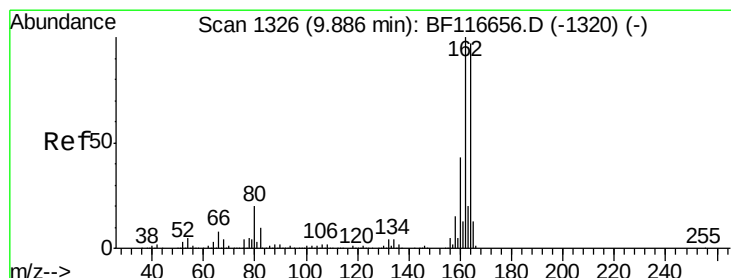
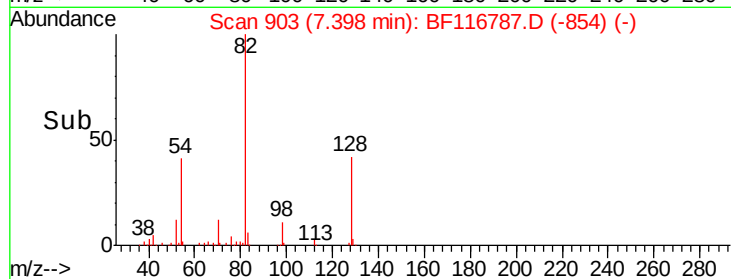
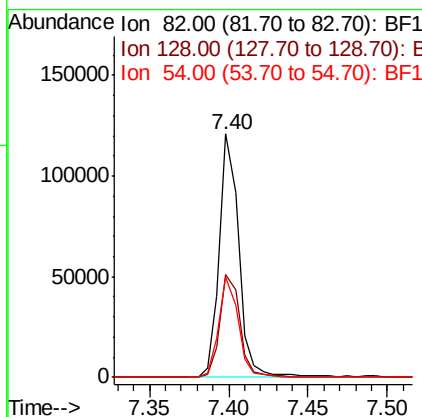
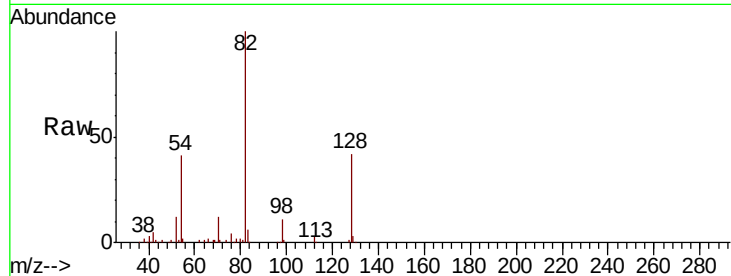




#23
Nitrobenzene-d5
Concen: 11.469 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

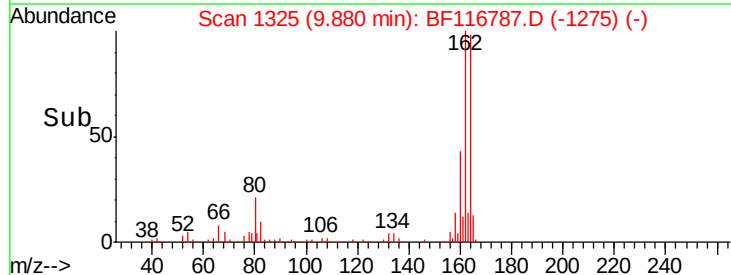
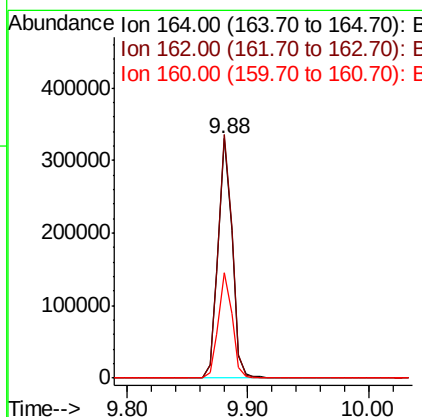
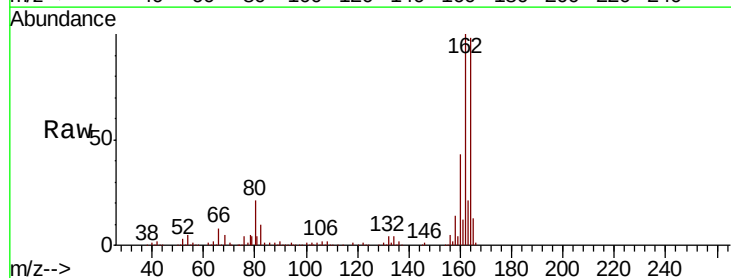
Instrument :
BNA_F
ClientSampleId :
T12-B1-B4-(0-3.5)

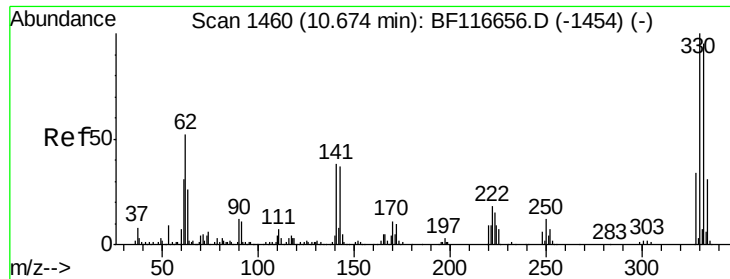
Tot Ion	82	Resp	104139
Ion Ratio	Lower	Upper	
82	100		
128	42.2	32.8	49.2
54	41.0	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

Tgt Ion	164	Resp	262549
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.4	122.0
160	44.1	35.4	53.2

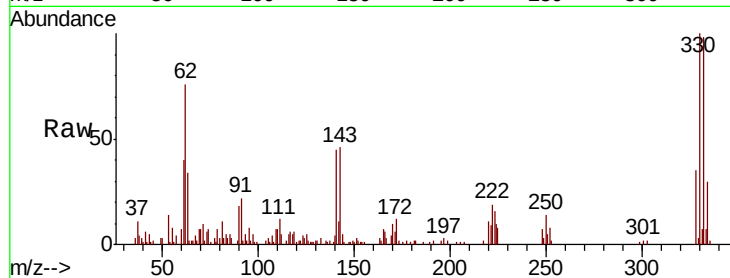




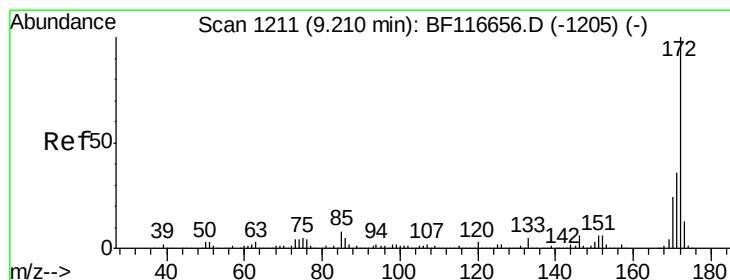
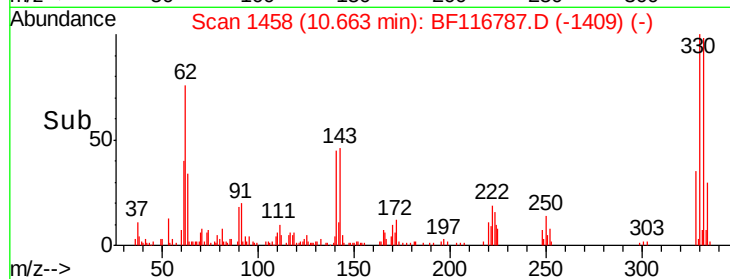
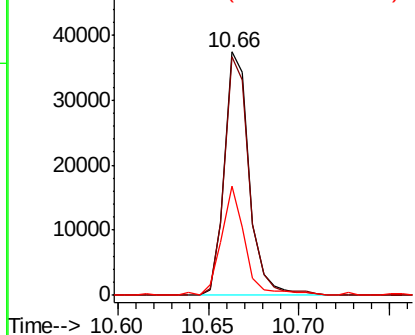
#42
 2,4,6-Tribromophenol
 Concen: 20.398 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Tot Ion:330 Resp: 35802
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.9 115.3
 141 42.5 31.4 47.2

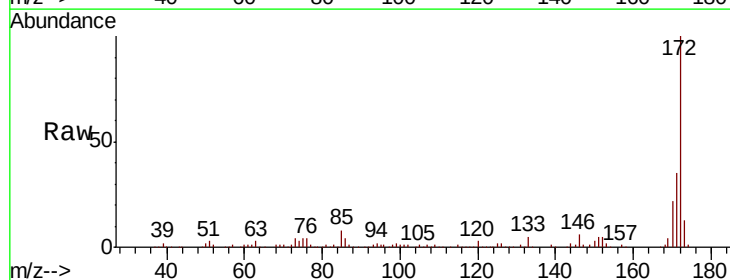


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

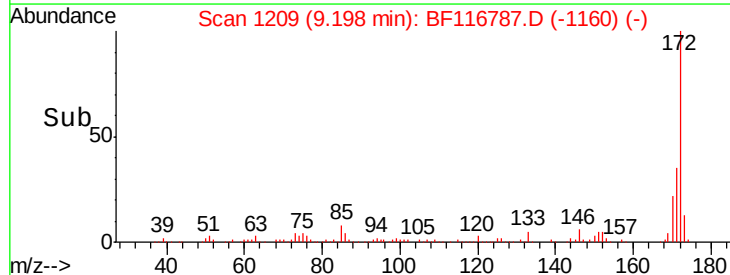
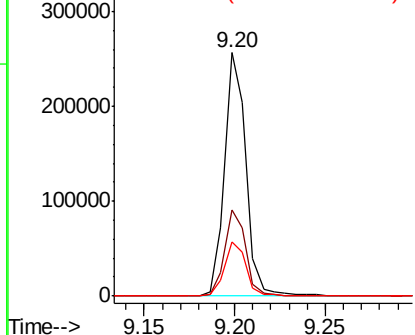


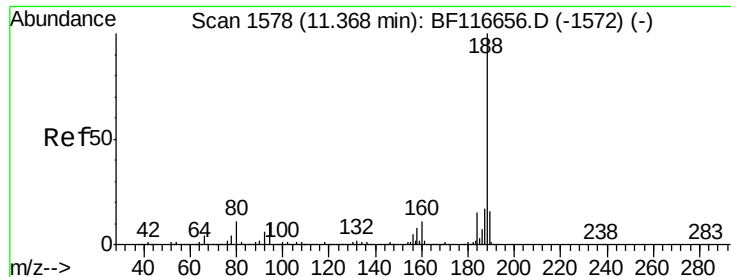
#45
 2-Fluorobiphenyl
 Concen: 13.591 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Tgt Ion:172 Resp: 211524
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.6
 170 22.3 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: BF116787.D

Acq: 3 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T12-B1-B4-(0-3.5)

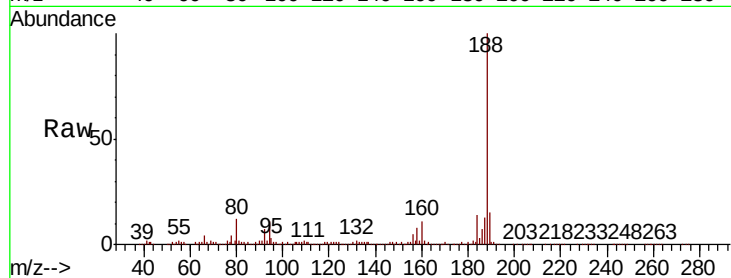
Tot Ion:188 Resp: 408954

Ion Ratio Lower Upper

188 100

94 11.4 7.3 10.9#

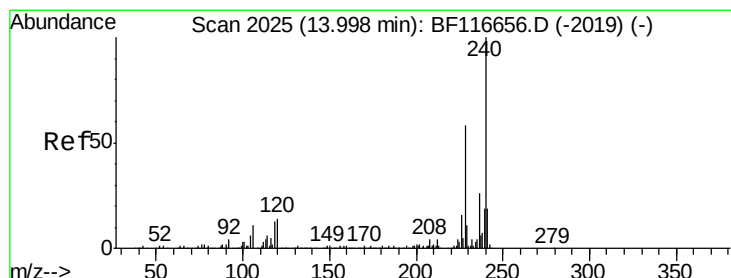
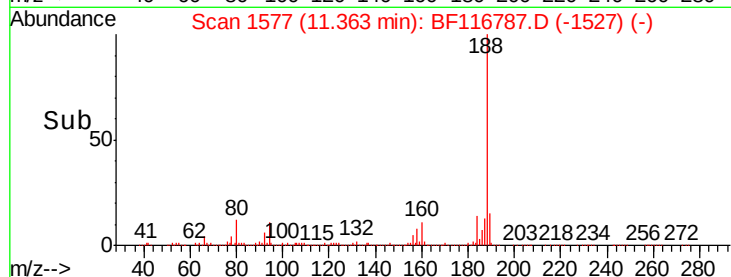
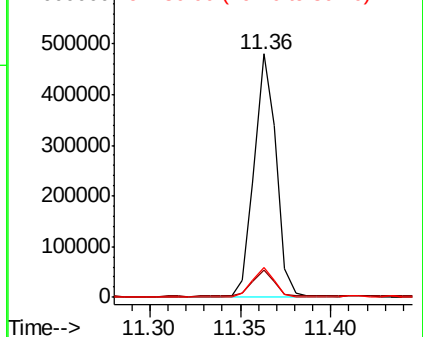
80 12.5 8.4 12.6



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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

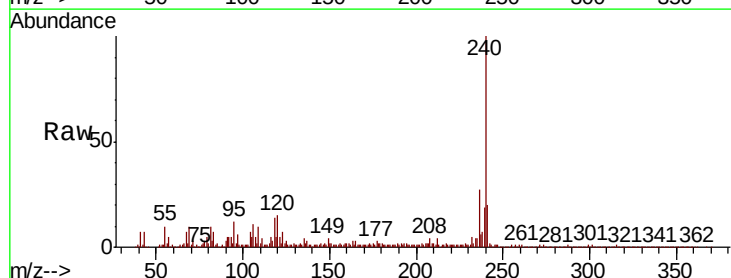
Tgt Ion:240 Resp: 294056

Ion Ratio Lower Upper

240 100

120 15.4 9.1 13.7#

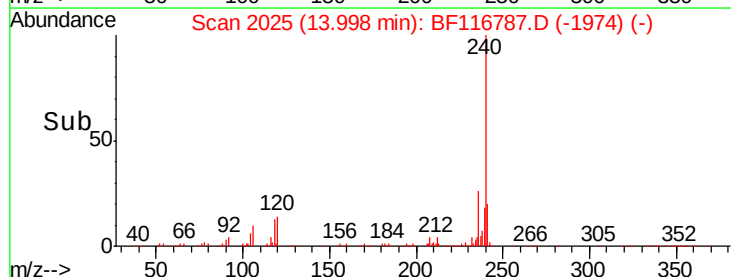
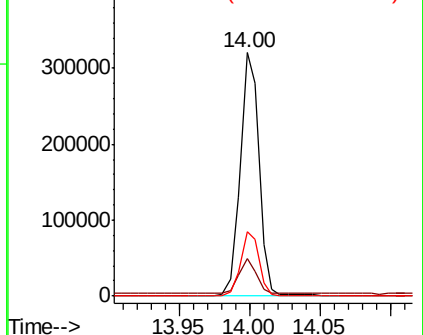
236 26.6 21.1 31.7

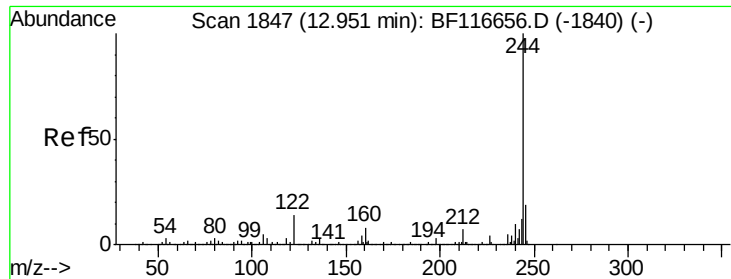


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

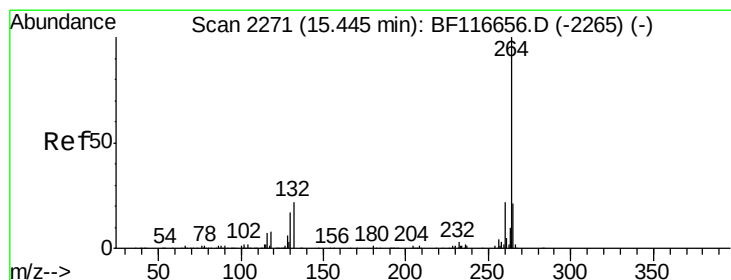
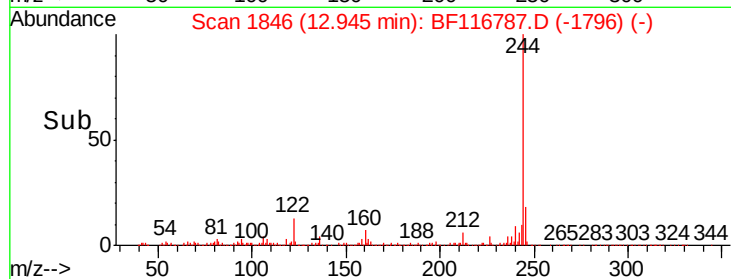
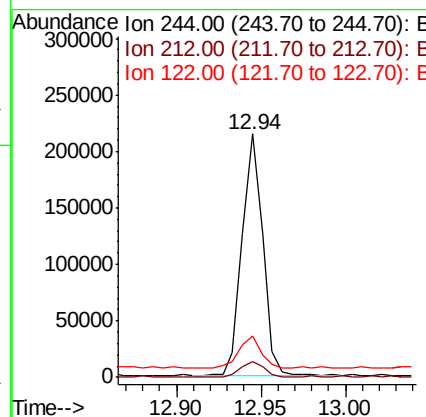
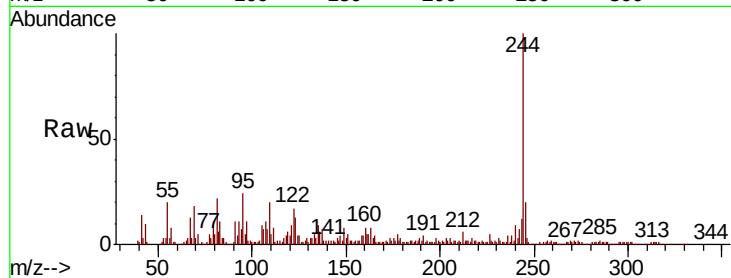




#79
 Terphenyl-d14
 Concen: 11.408 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.1	9.1
122	16.9	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.0	16.5	24.7

