

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116730.D
 Acq On : 1 Sep 2019 7:16
 Operator : HP/JU
 Sample : K4526-34
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-G1-G4-(0-1.9)

Quant Time: Sep 02 06:41:12 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	119998	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	484877	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	257575	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	435692	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	297186	20.00	ng	-0.01
87) Perylene-d12	15.44	264	302471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	838556	113.21	ng	0.00
7) Phenol-d6	6.47	99	992709	102.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	797422	93.89	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	266902	155.00	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1408451	92.24	ng	0.00
79) Terphenyl-d14	12.95	244	1454615	90.55	ng	0.00

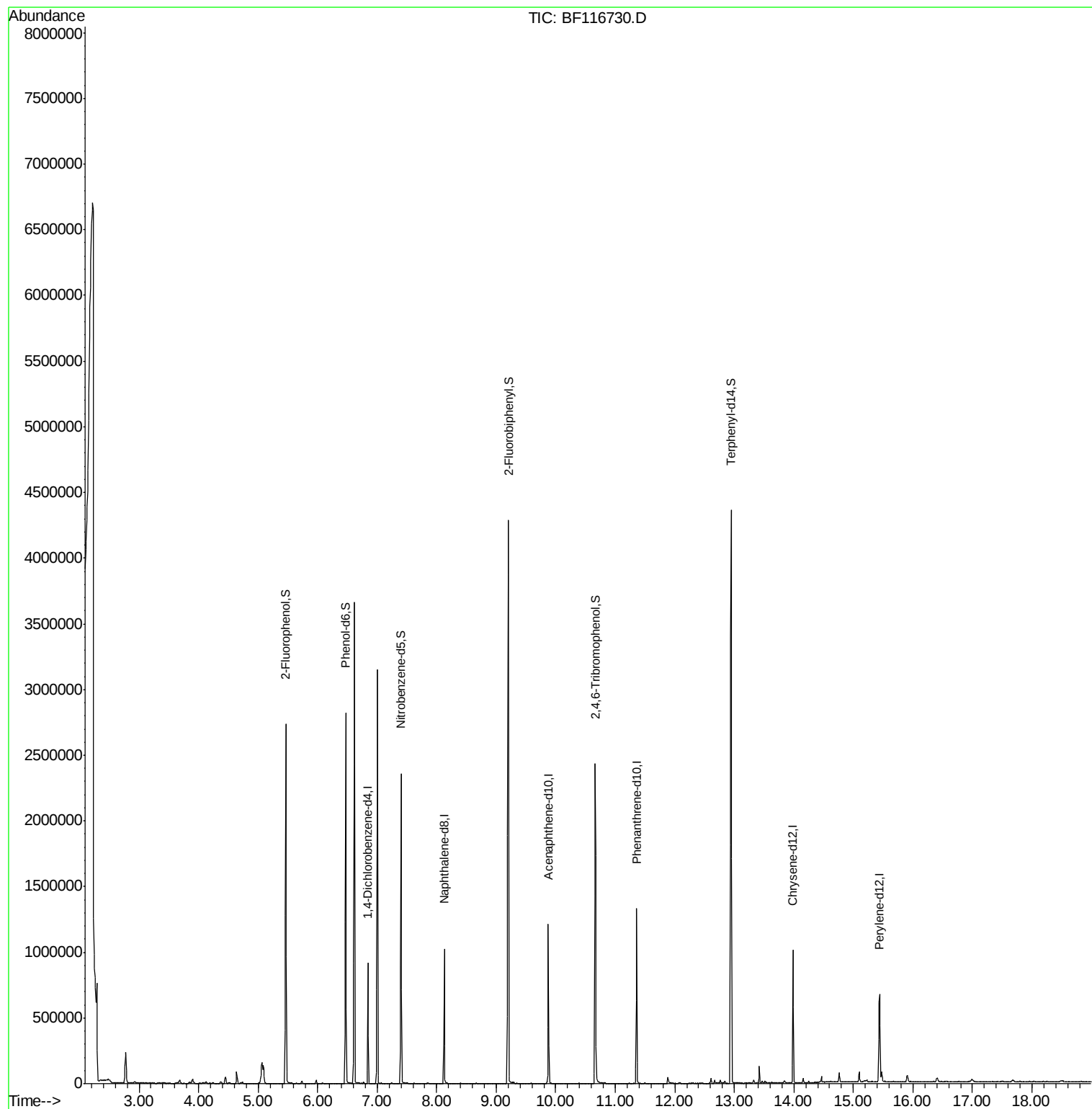
Target Compounds Qvalue

(#) = 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# 809

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

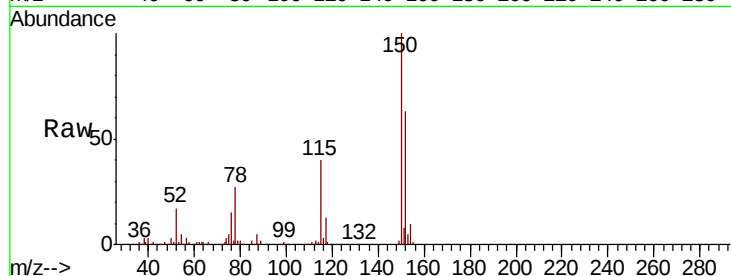
Tot Ion:152 Resp: 119998

Ion Ratio Lower Upper

152 100

150 159.6 124.4 186.6

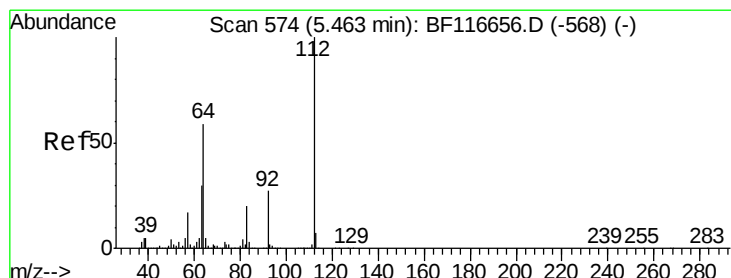
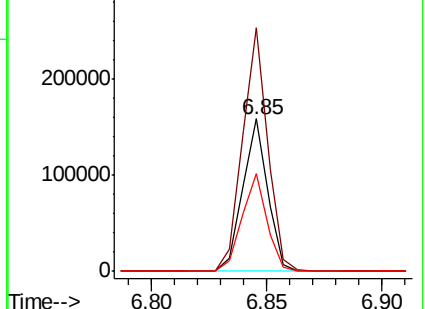
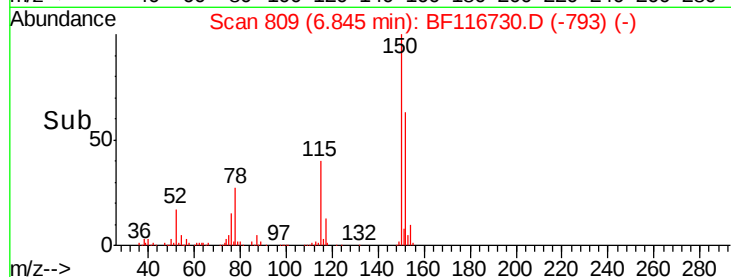
115 64.0 49.9 74.9



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: 113.211 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

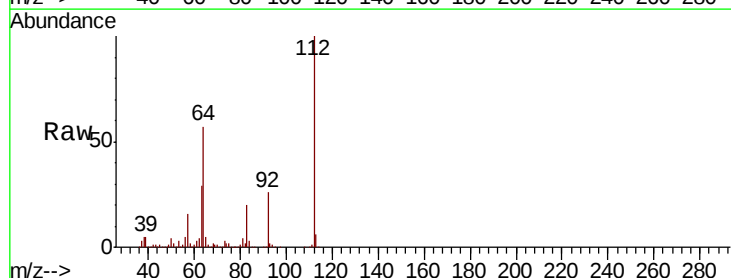
Tgt Ion:112 Resp: 838556

Ion Ratio Lower Upper

112 100

64 56.6 47.1 70.7

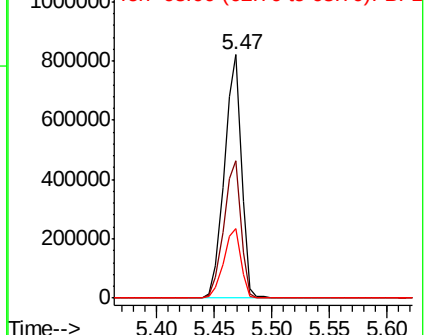
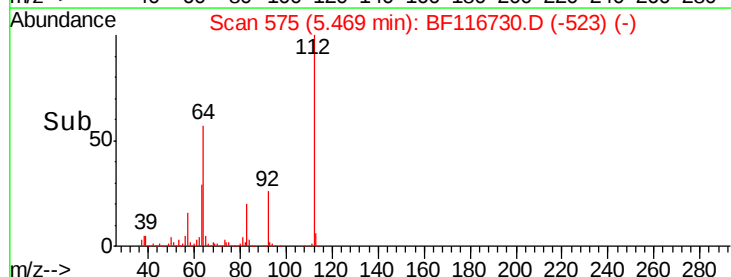
63 28.8 24.9 37.3

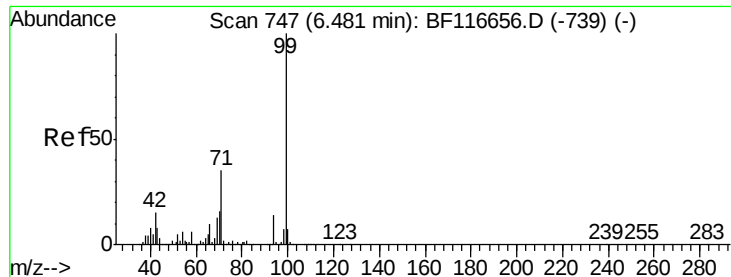


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.065 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

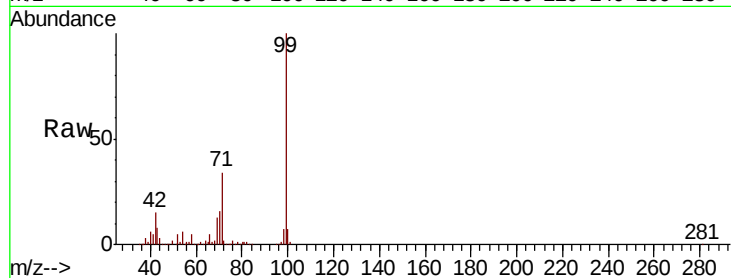
Tot Ion: 99 Resp: 992709

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

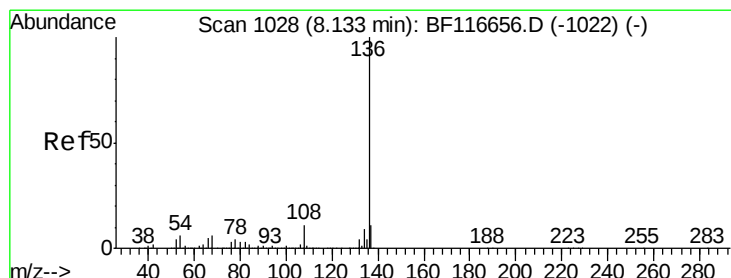
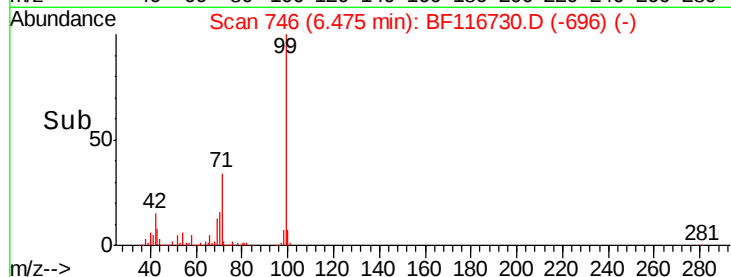
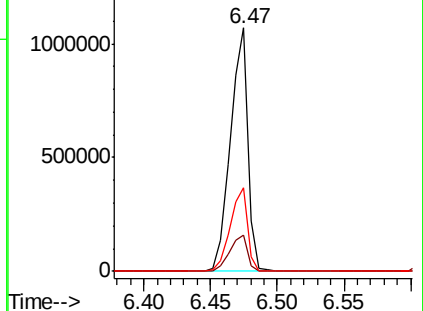
71 34.2 30.8 46.2



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: BF116730.D

Acq: 1 Sep 2019 7:16

Tgt Ion: 136 Resp: 484877

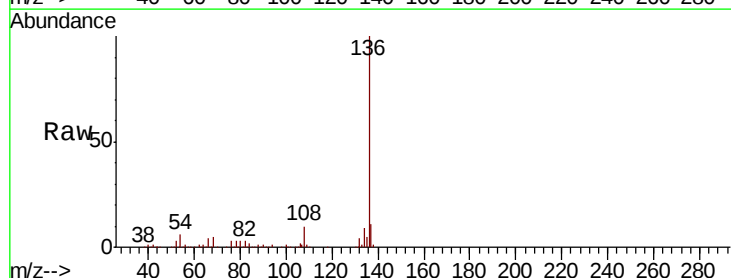
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.6 4.8 7.2

68 5.5 4.0 6.0

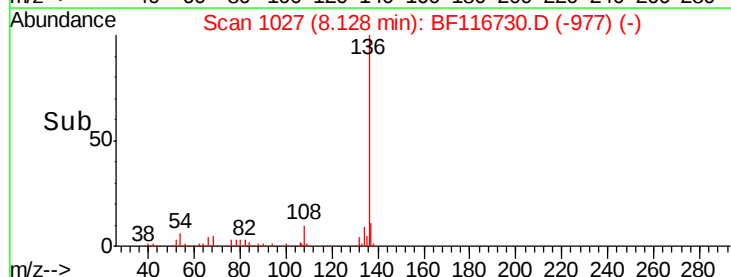
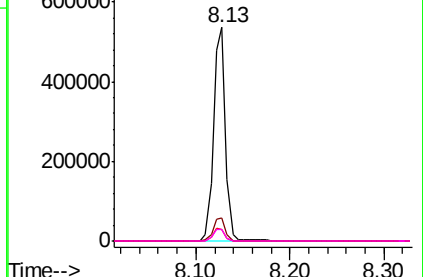


Abundance Ion 136.00 (135.70 to 136.70): E

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

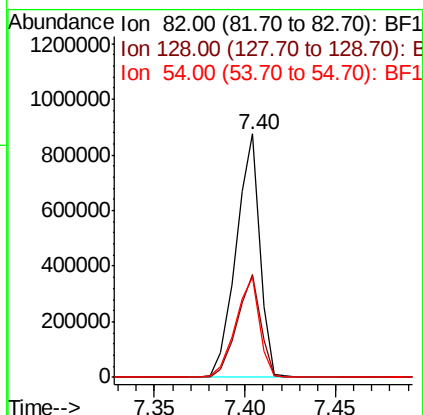
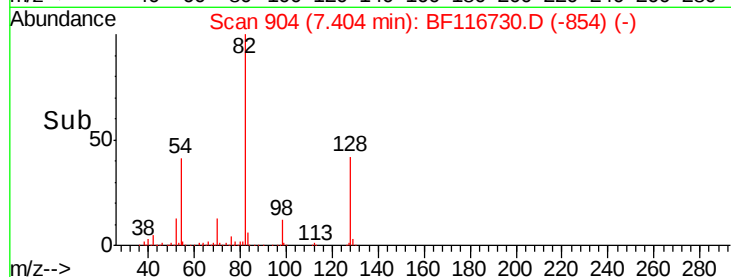
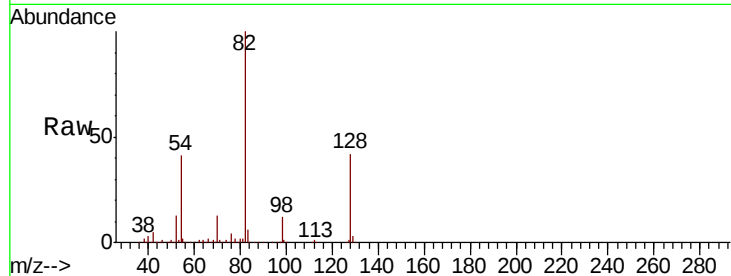




#23
 Nitrobenzene-d5
 Concen: 93.885 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

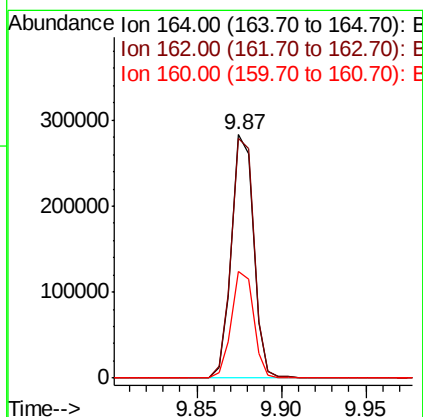
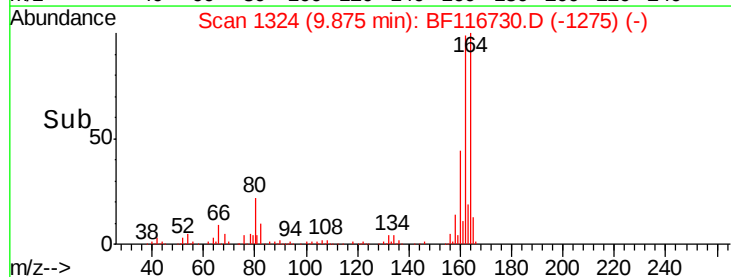
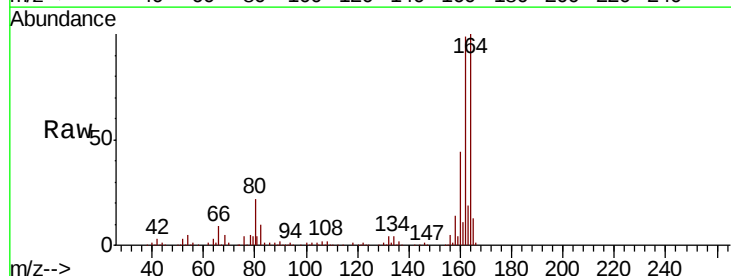
Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-G1-G4-(0-1.9)

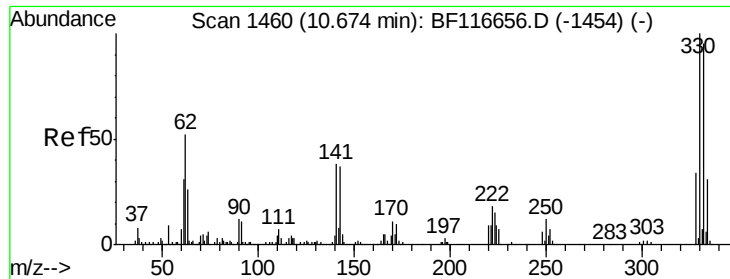
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.8	49.2
54	41.1	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	43.6	35.4	53.2

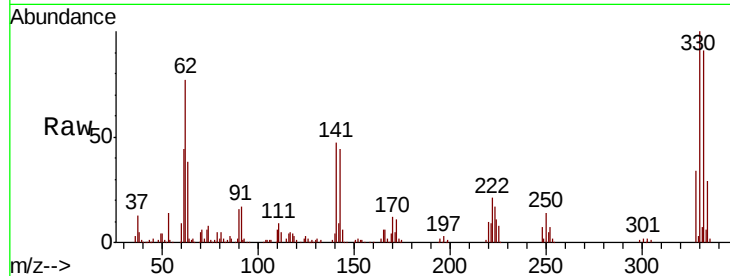




#42
 2,4,6-Tribromophenol
 Concen: 155.000 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-G1-G4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	43.3	31.4	47.2

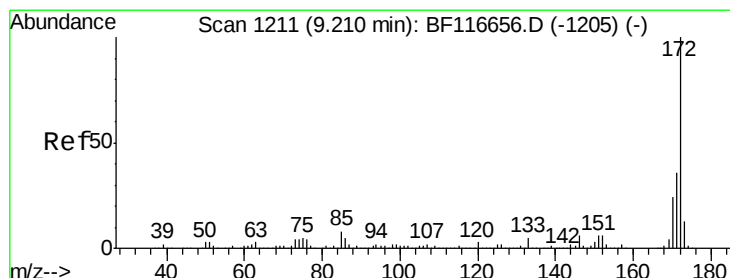
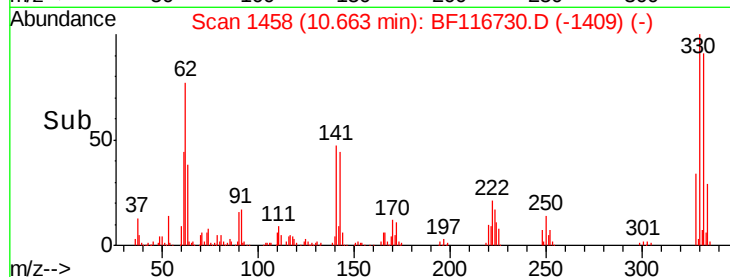
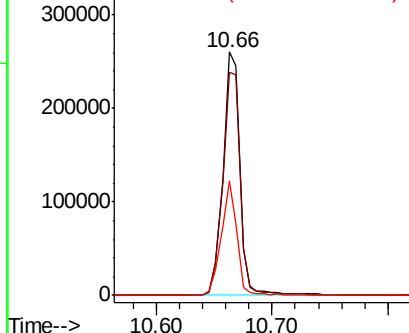


Abundance

Ion 329.80 (329.50 to 330.50): E

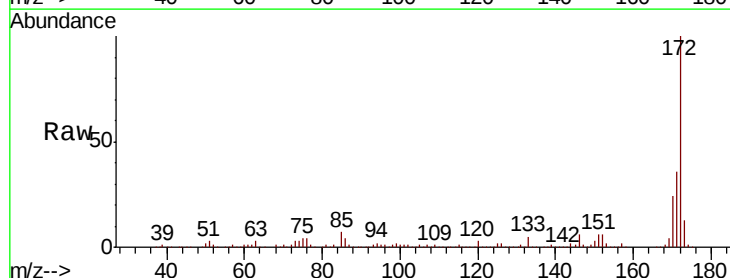
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.241 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.2	18.9	28.3

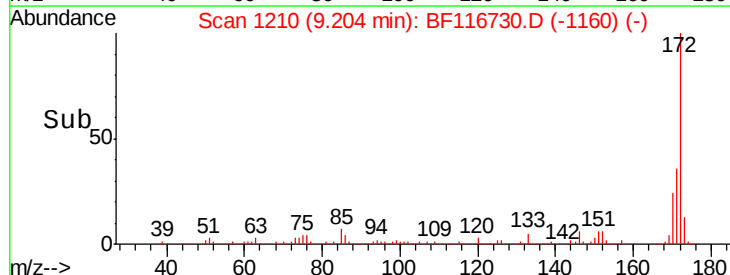
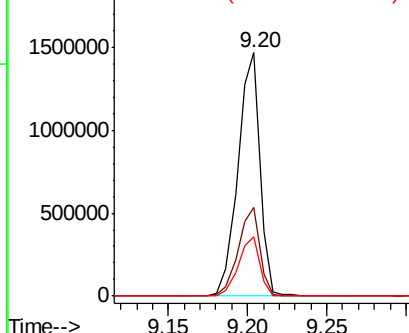


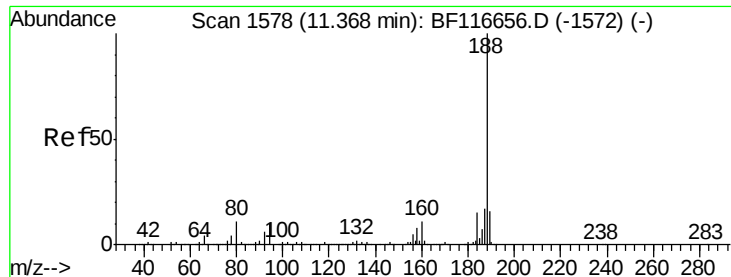
Abundance

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# 1576

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

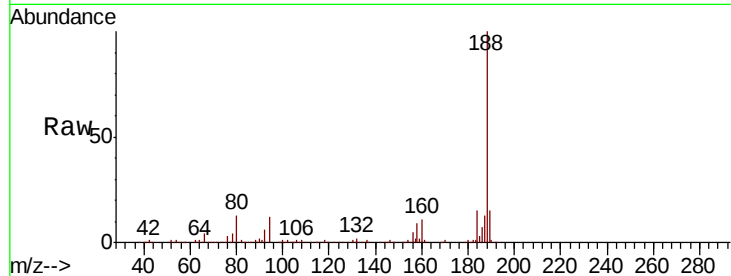
Tot Ion:188 Resp: 435692

Ion Ratio Lower Upper

188 100

94 11.5 7.3 10.9#

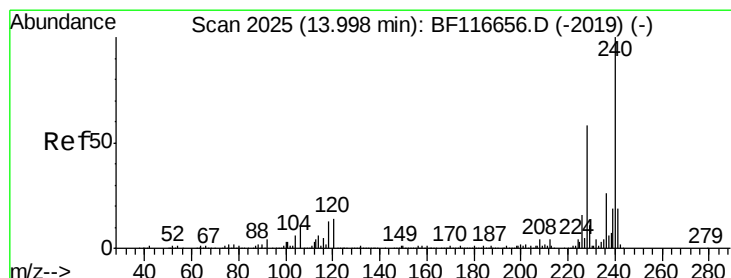
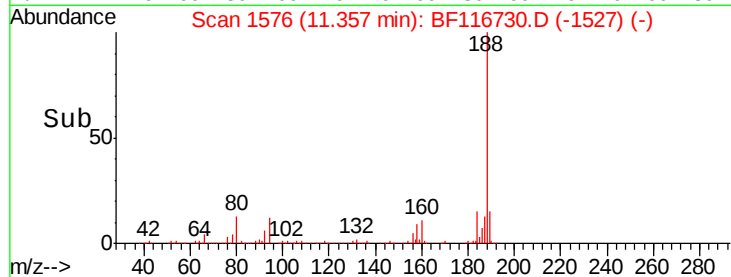
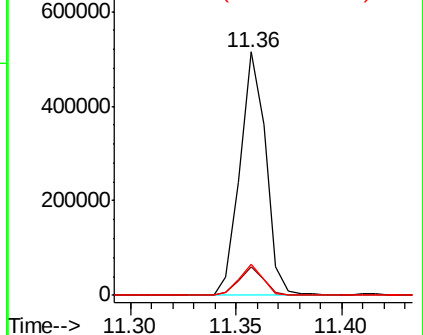
80 12.6 8.4 12.6



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# 2023

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

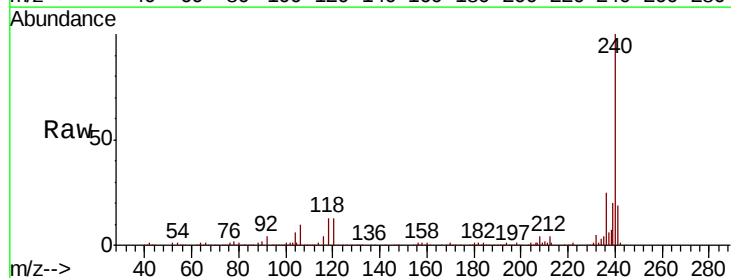
Tgt Ion:240 Resp: 297186

Ion Ratio Lower Upper

240 100

120 13.3 9.1 13.7

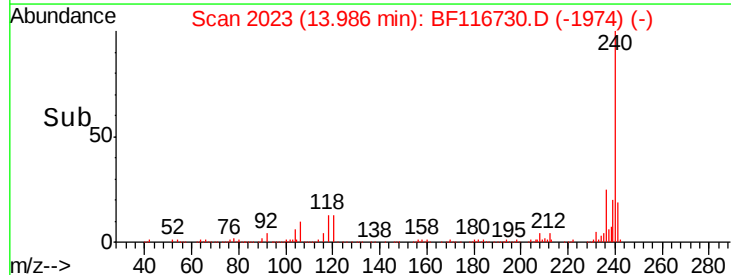
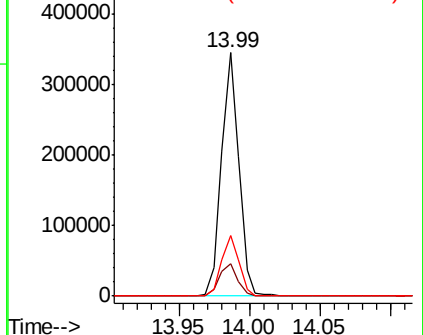
236 24.9 21.1 31.7

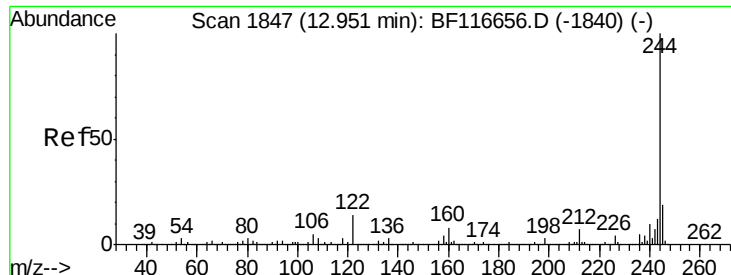


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.548 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

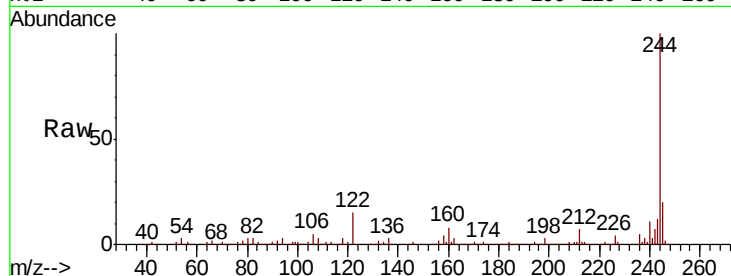
Tot Ion:244 Resp: 1454615

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

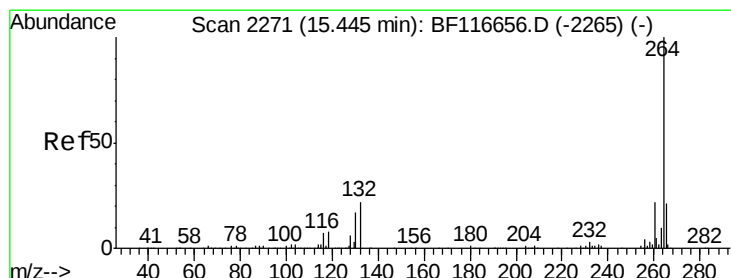
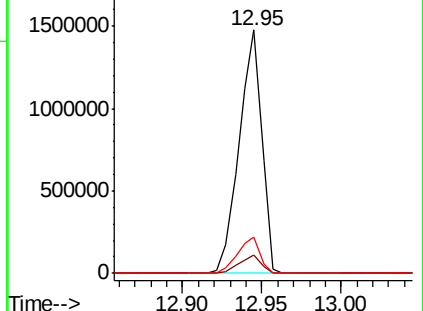
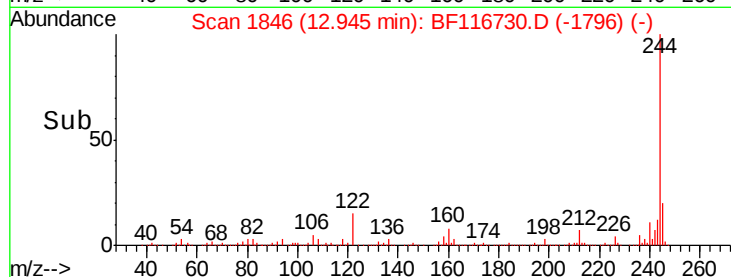
122 14.8 10.2 15.4



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# 2270

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

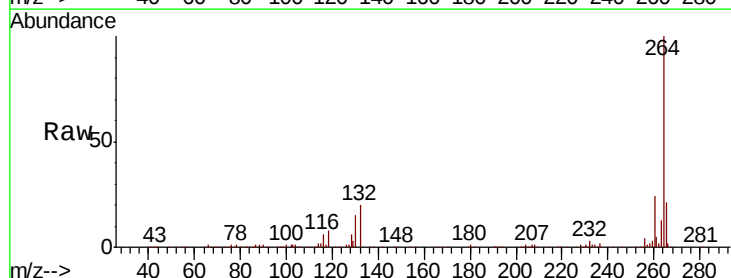
Tgt Ion:264 Resp: 302471

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 20.8 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

