

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116735.D
 Acq On : 1 Sep 2019 9:30
 Operator : HP/JU
 Sample : K4579-25
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-12-B1-B4-(0-3.5)

Quant Time: Sep 02 06:53:58 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

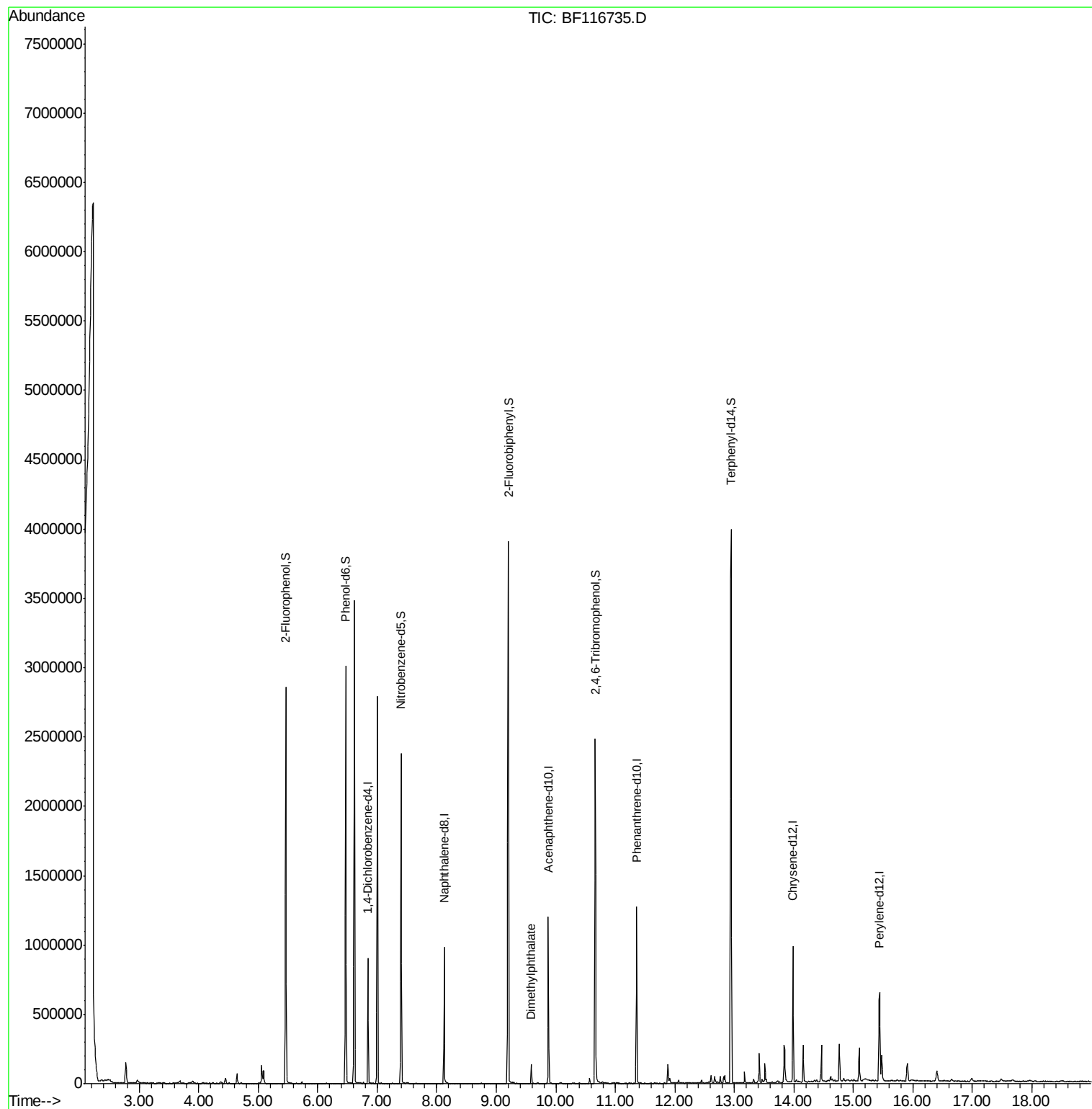
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	116777	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	463374	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	240152	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	414027	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	276331	20.00	ng	-0.01
87) Perylene-d12	15.44	264	290112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	843853	117.07	ng	0.00
7) Phenol-d6	6.47	99	1047863	110.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	768231	94.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	256733	159.91	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1280913	89.97	ng	0.00
79) Terphenyl-d14	12.94	244	1396109	93.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	54381	3.280	ng	Qvalue # 99

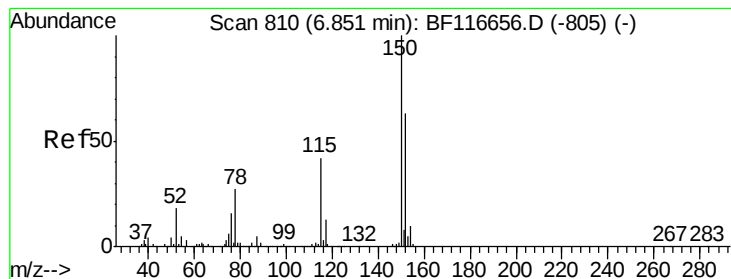
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

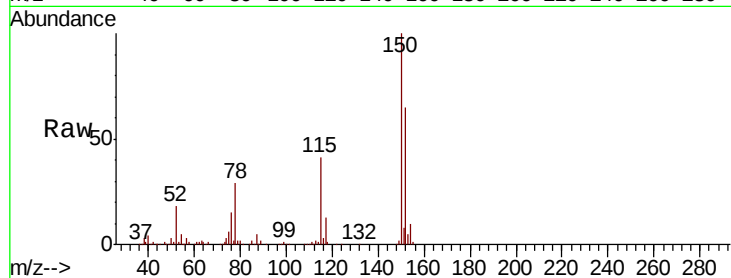
Tot Ion:152 Resp: 116777

Ion Ratio Lower Upper

152 100

150 153.6 124.4 186.6

115 63.2 49.9 74.9

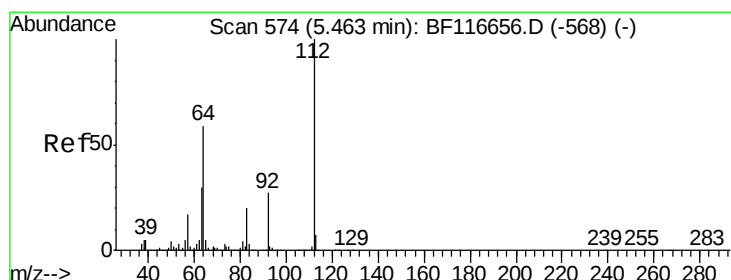
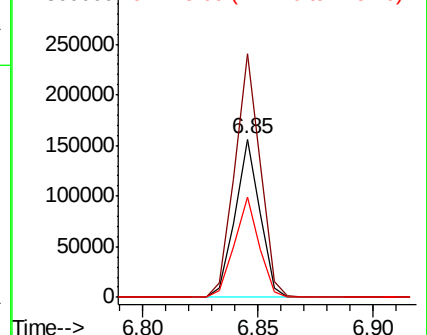
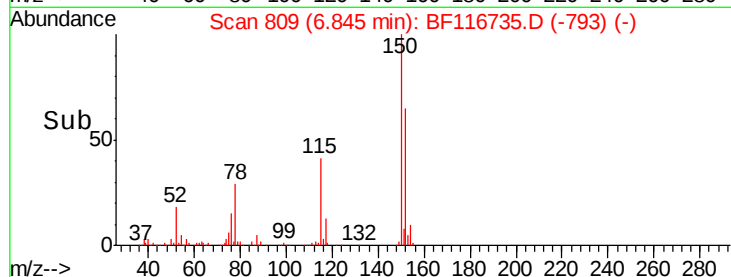


Abundance

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: 117.068 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

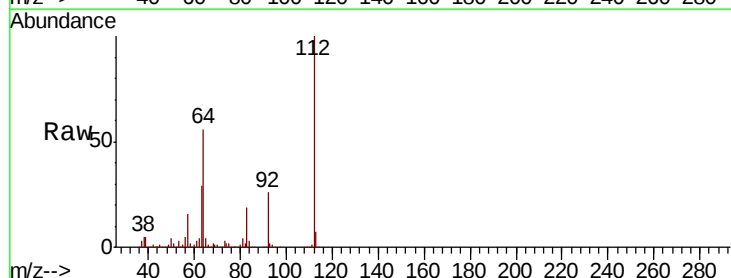
Tgt Ion:112 Resp: 843853

Ion Ratio Lower Upper

112 100

64 56.2 47.1 70.7

63 29.5 24.9 37.3

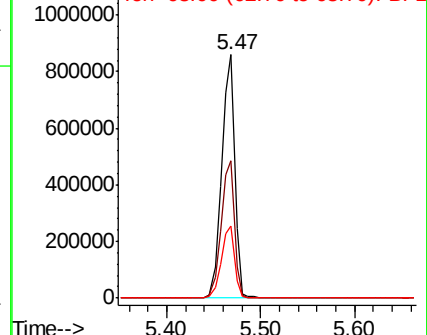
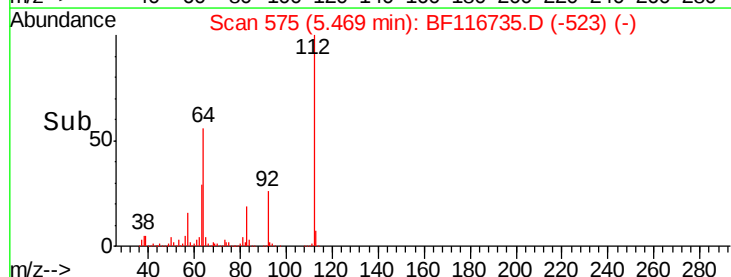


Abundance

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: 110.707 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

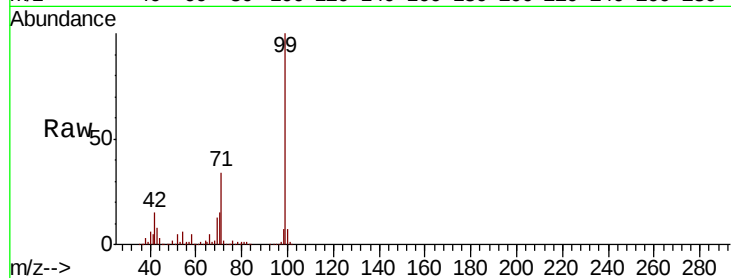
BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

Tot Ion: 99 Resp: 1047863

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	34.5	30.8	46.2

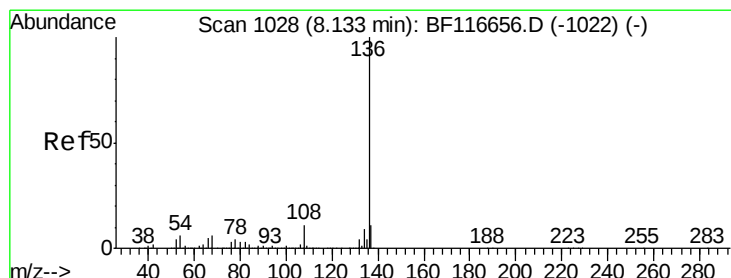
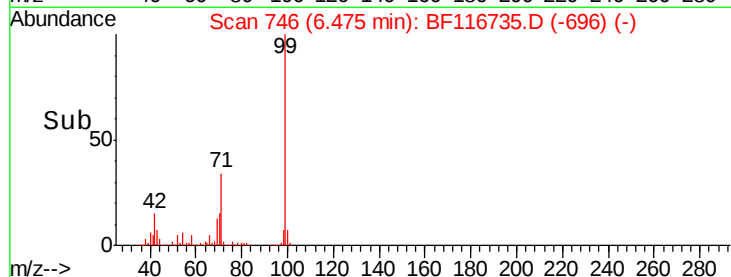


Abundance

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

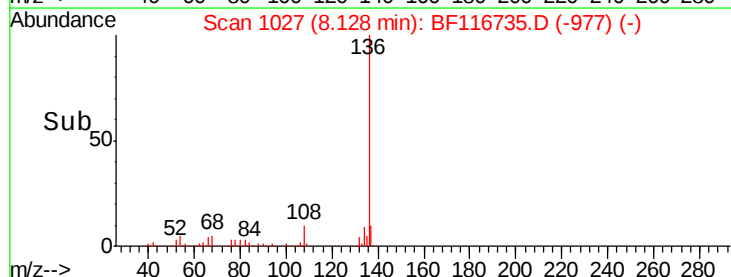
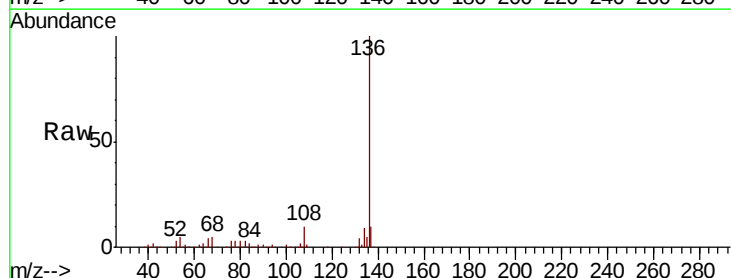
Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Tgt Ion: 136 Resp: 463374

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.3	4.8	7.2
68	5.3	4.0	6.0

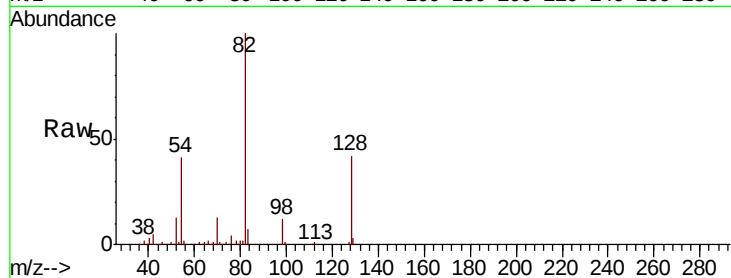




#23
Nitrobenzene-d5
Concen: 94.646 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Instrument :
BNA_F
ClientSampleId :
PAR-12-B1-B4-(0-3.5)

Tot Ion	82	Resp	768231
Ion Ratio	100	Lower	Upper
128	42.2	32.8	49.2
54	41.1	36.9	55.3

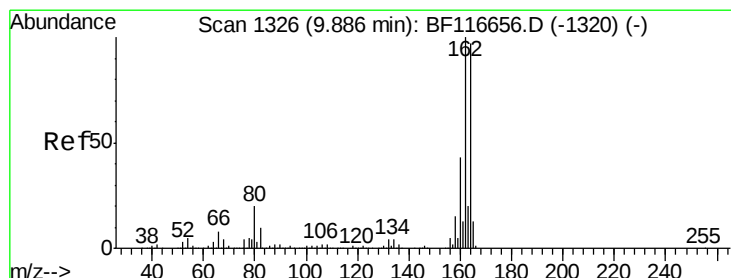
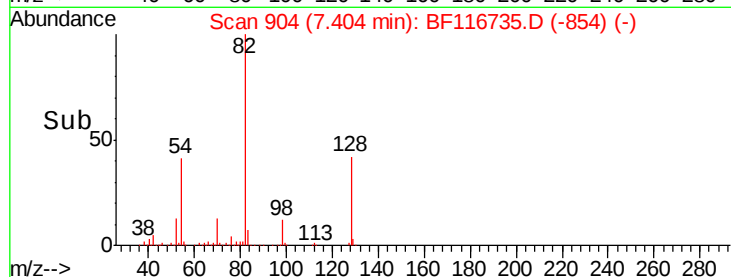
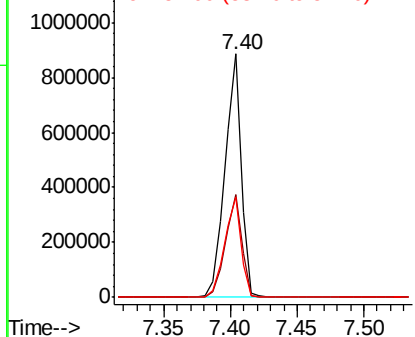


Abundance

Ion 82.00 (81.70 to 82.70): BF1

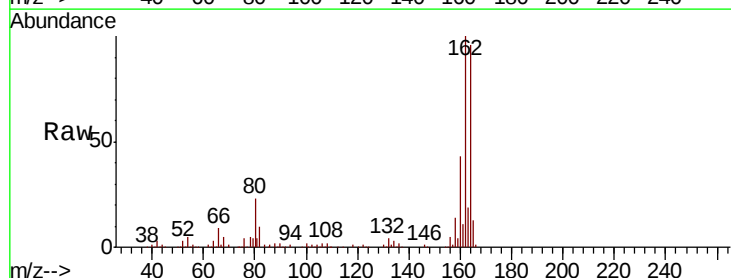
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Tgt Ion	164	Resp	240152
Ion Ratio	100	Lower	Upper
162	104.2	81.4	122.0
160	45.0	35.4	53.2

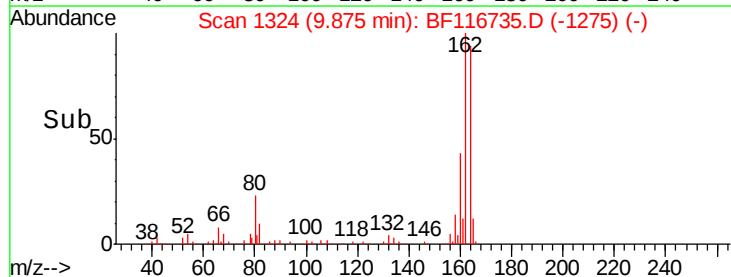
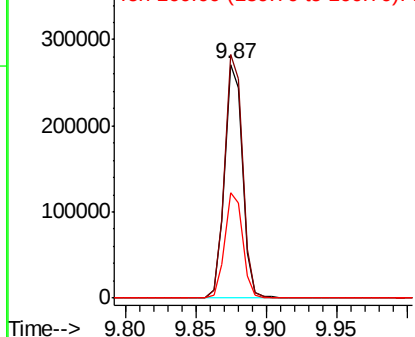


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

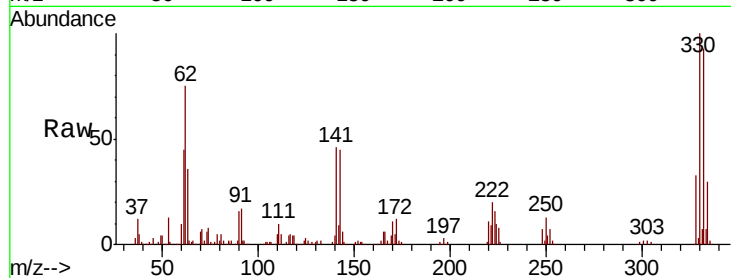




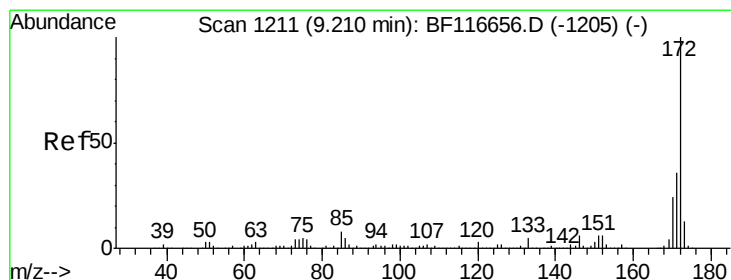
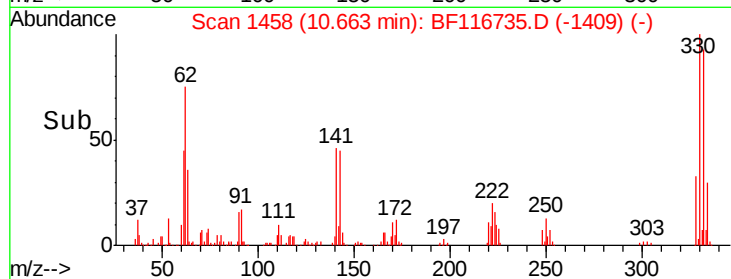
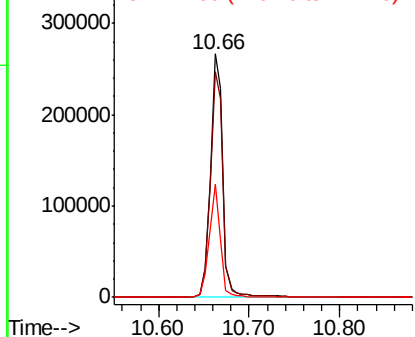
#42
 2,4,6-Tribromophenol
 Concen: 159.912 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PAR-12-B1-B4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	42.2	31.4	47.2

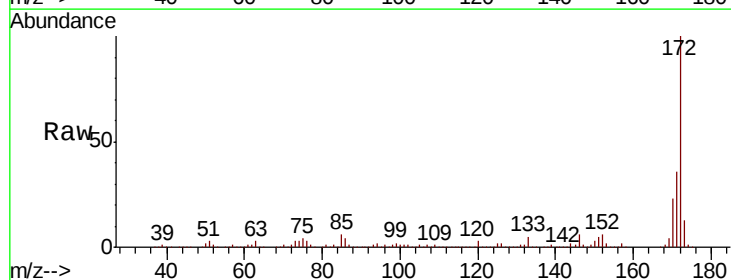


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

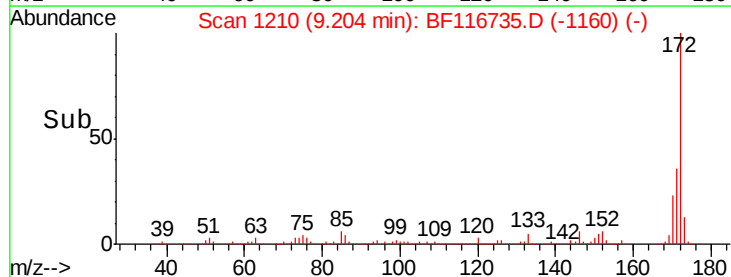
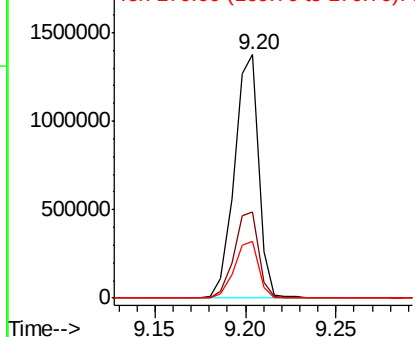


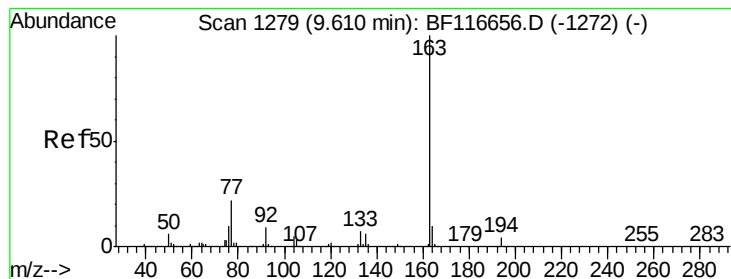
#45
 2-Fluorobiphenyl
 Concen: 89.975 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.3	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





#50

Dimethylphthalate

Concen: 3.280 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

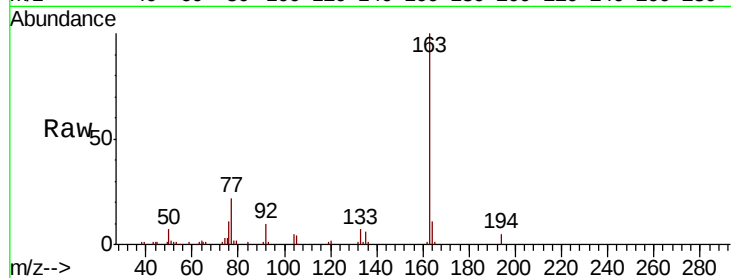
Tot Ion:163 Resp: 54381

Ion Ratio Lower Upper

163 100

194 5.0 2.8 4.2#

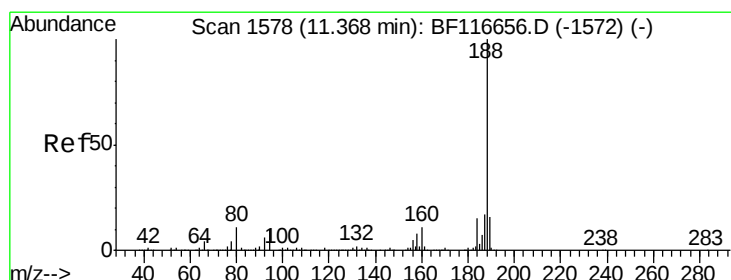
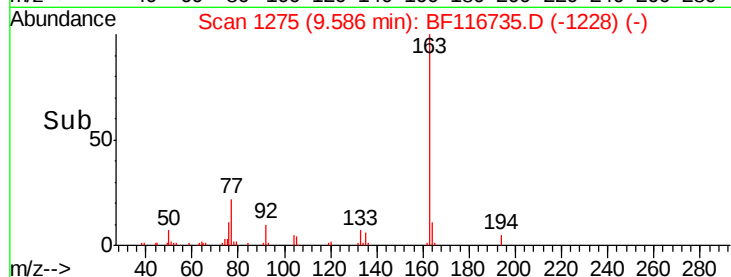
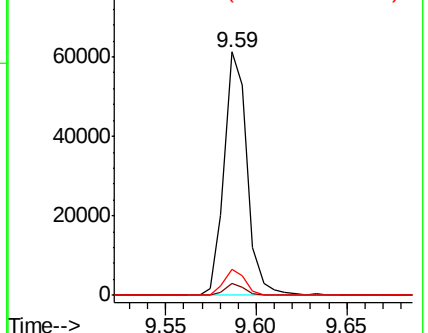
164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

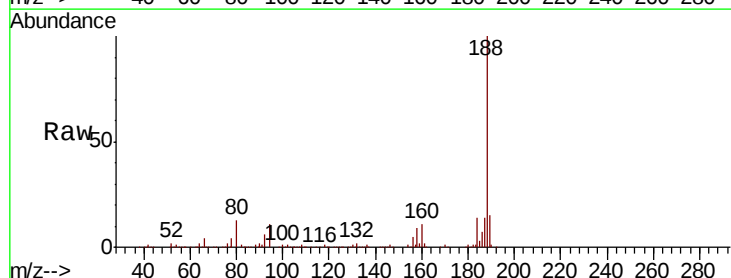
Tgt Ion:188 Resp: 414027

Ion Ratio Lower Upper

188 100

94 11.3 7.3 10.9#

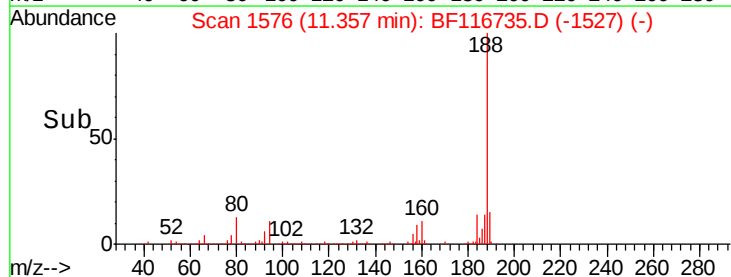
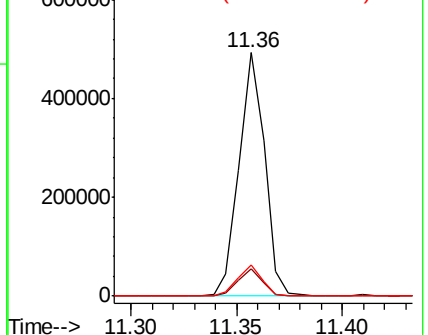
80 12.7 8.4 12.6#



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# 2023

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

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ClientSampleId :

PAR-12-B1-B4-(0-3.5)

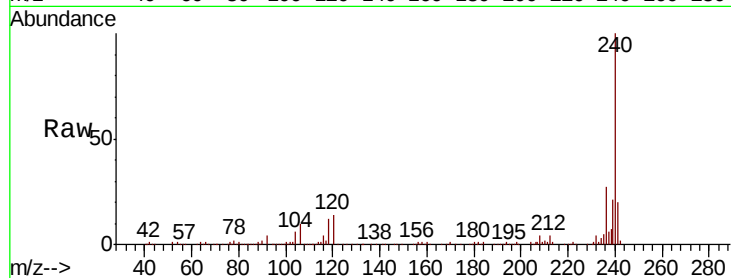
Tot Ion:240 Resp: 276331

Ion Ratio Lower Upper

240 100

120 13.5 9.1 13.7

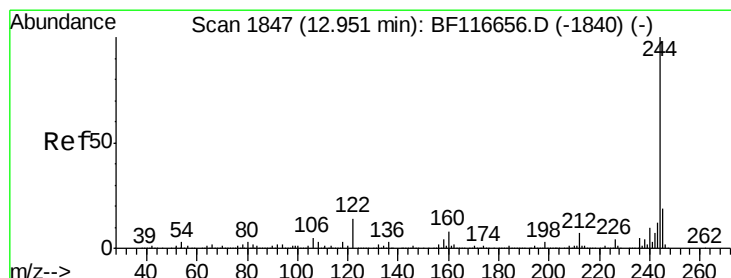
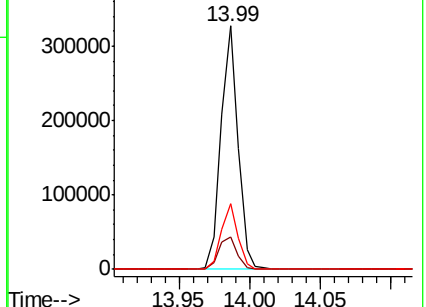
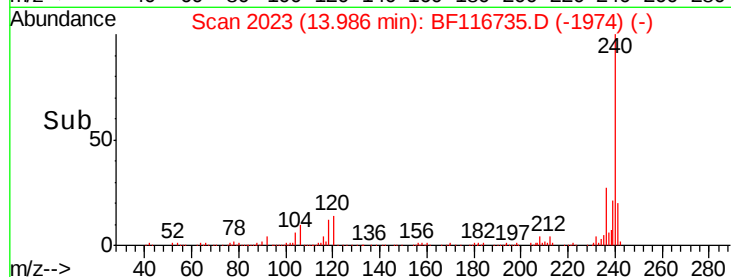
236 27.0 21.1 31.7



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: 93.465 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

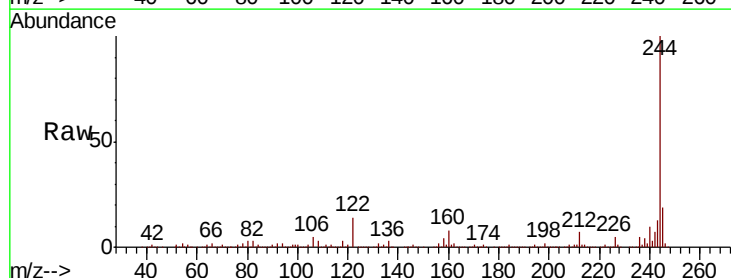
Tgt Ion:244 Resp: 1396109

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

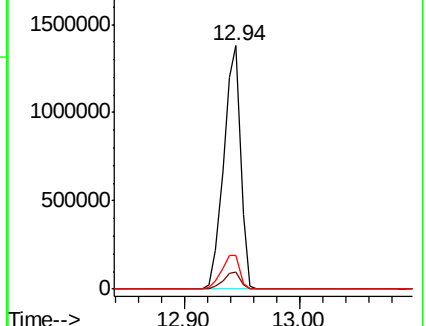
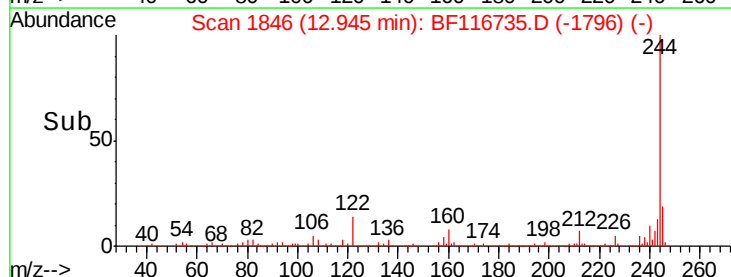
122 13.8 10.2 15.4

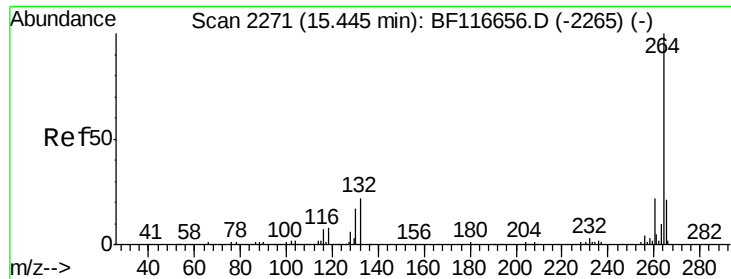


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

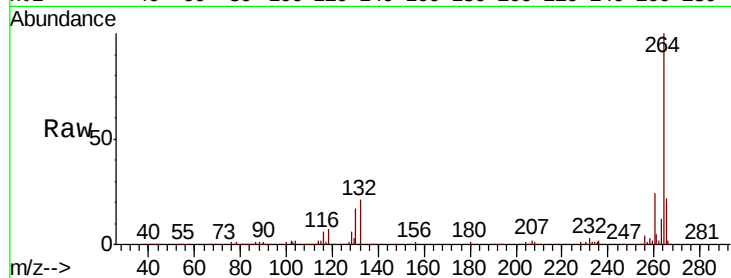




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PAR-12-B1-B4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

