

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116136.D
 Acq On : 10 Aug 2019 2:09
 Operator : HP/JU
 Sample : K4178-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 370-371

Quant Time: Aug 10 06:57:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130469	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	487684	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	236478	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	362685	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	285576	20.00	ng	-0.01
87) Perylene-d12	15.47	264	319057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	857266	110.00	ng	0.00
7) Phenol-d6	6.48	99	977857	99.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	796683	94.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	282551	123.24	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1340249	106.16	ng	-0.01
79) Terphenyl-d14	12.94	244	1194508	88.14	ng	-0.01

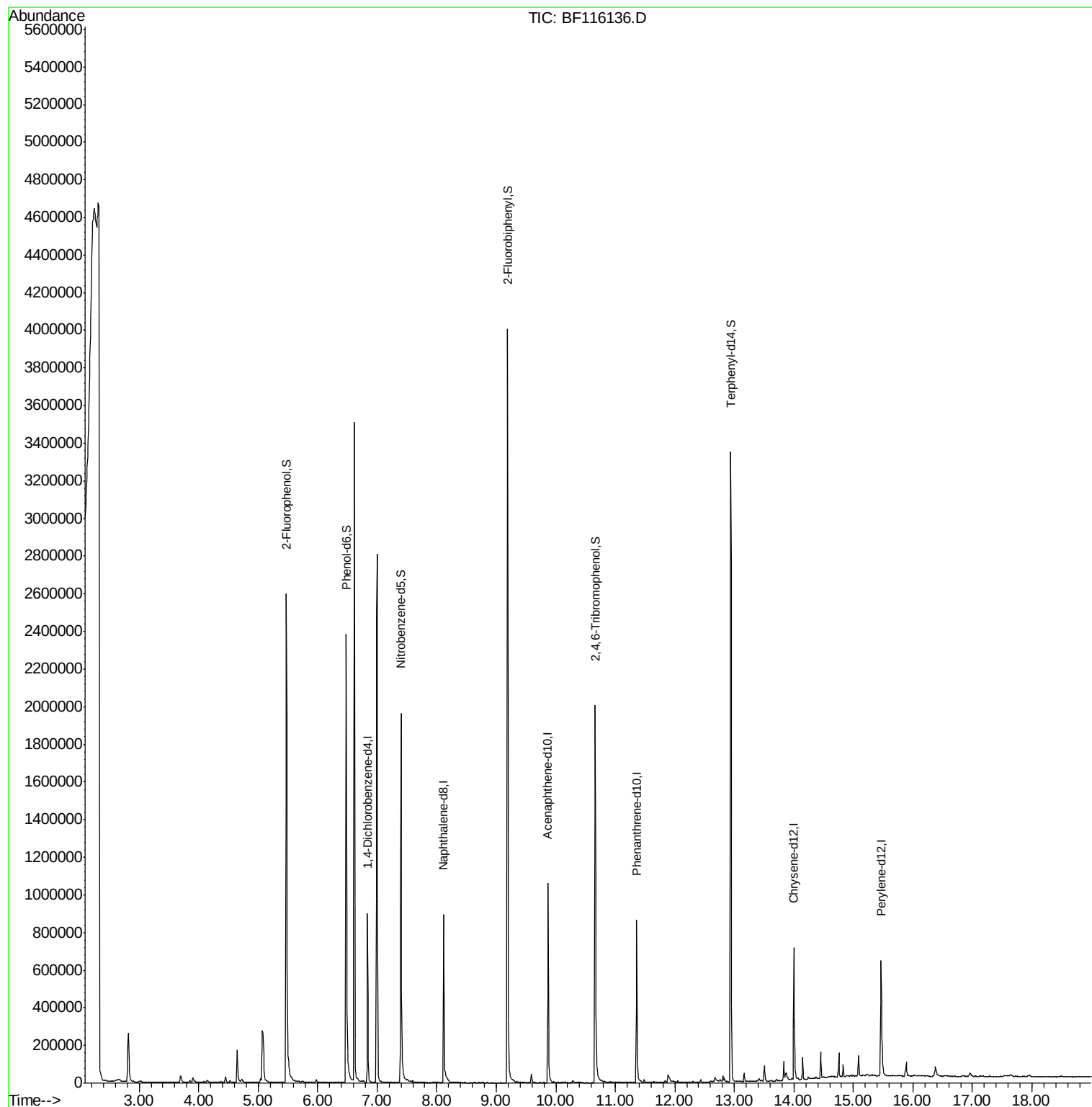
Target Compounds Qvalue

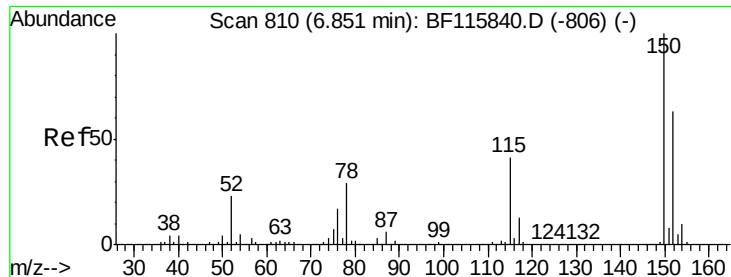
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116136.D

Acq: 10 Aug 2019 2:09

Instrument :

BNA_F

ClientSampleId :

370-371

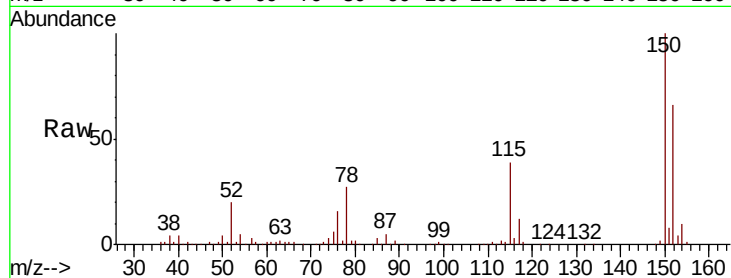
Tot Ion:152 Resp: 130469

Ion Ratio Lower Upper

152 100

150 150.8 126.2 189.2

115 59.4 49.9 74.9

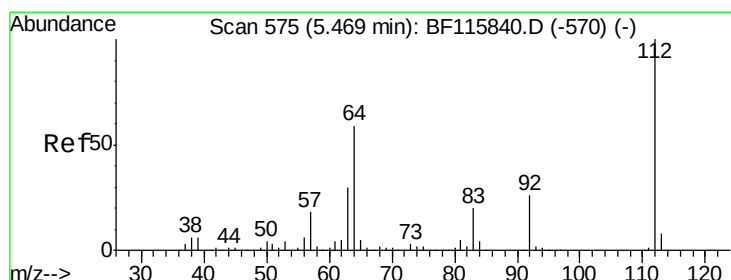
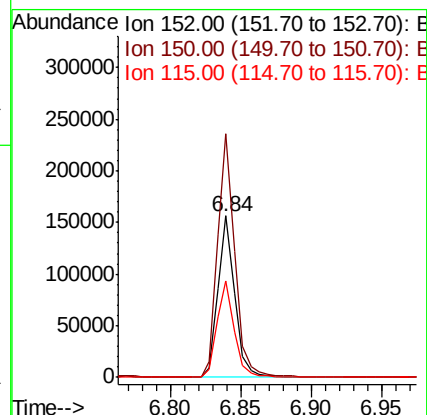
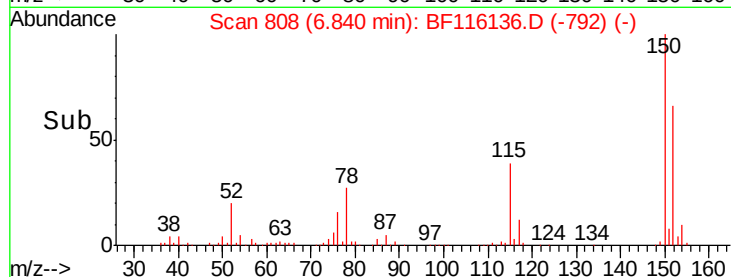


Abundance

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: 109.997 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116136.D

Acq: 10 Aug 2019 2:09

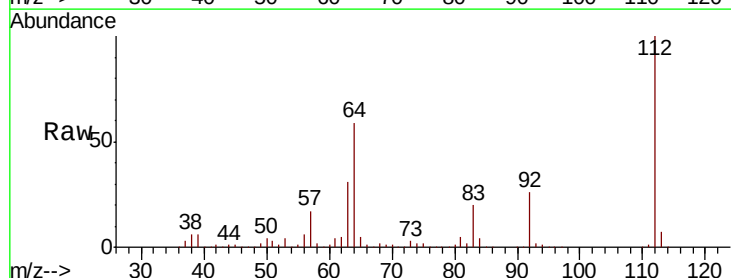
Tgt Ion:112 Resp: 857266

Ion Ratio Lower Upper

112 100

64 58.6 45.4 68.2

63 30.6 23.7 35.5

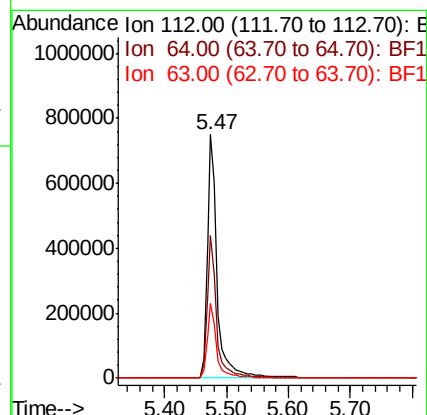
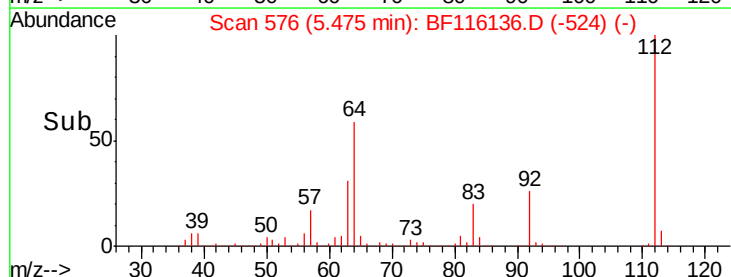


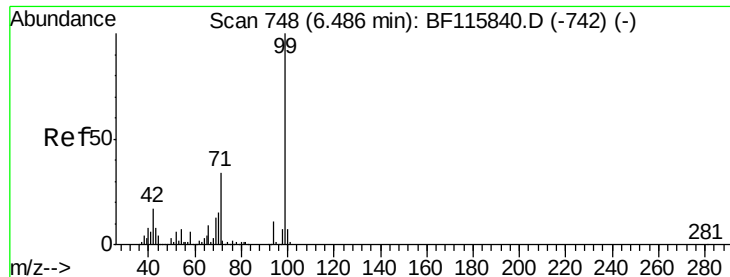
Abundance

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: 99.447 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116136.D

Acq: 10 Aug 2019 2:09

Instrument :

BNA_F

ClientSampleId :

370-371

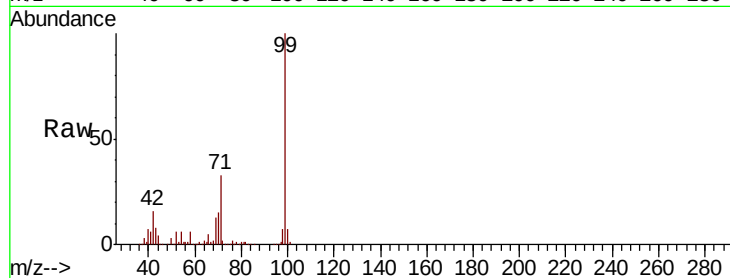
Tot Ion: 99 Resp: 977857

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

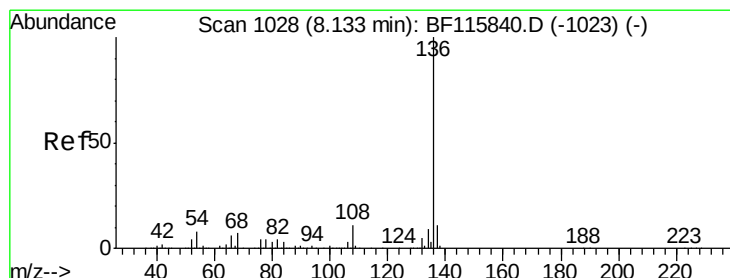
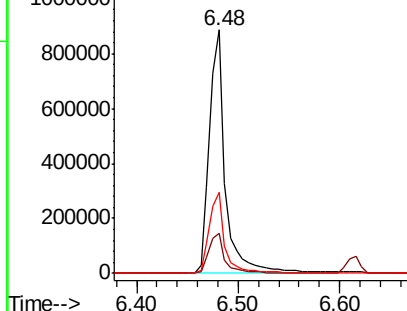
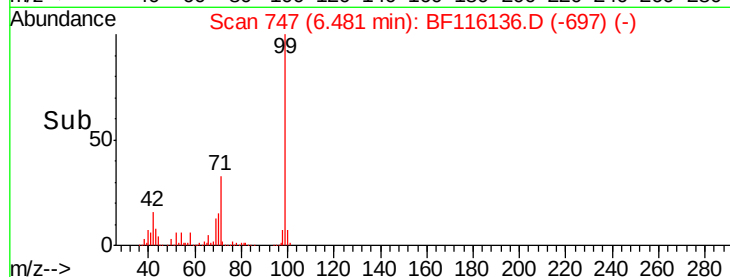
71 33.0 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116136.D

Acq: 10 Aug 2019 2:09

Tgt Ion: 136 Resp: 487684

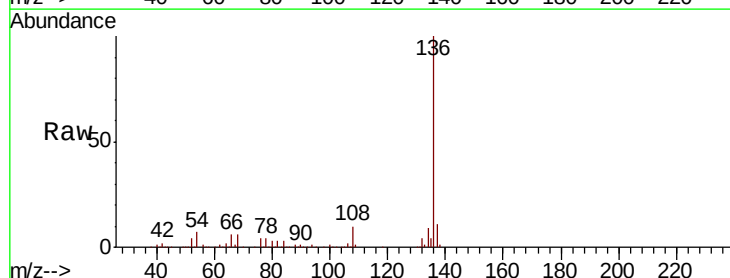
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

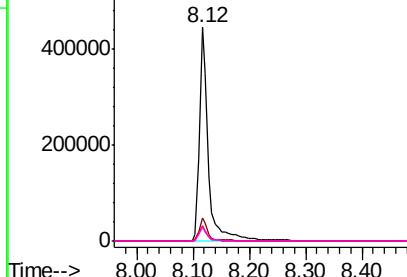
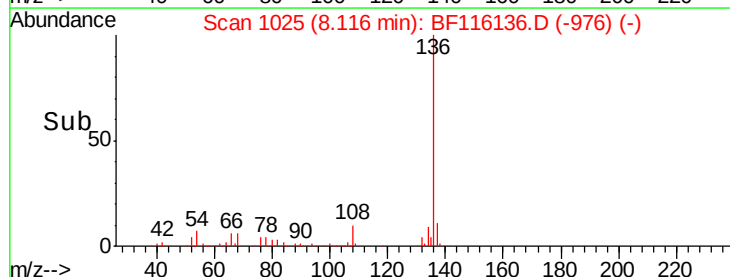


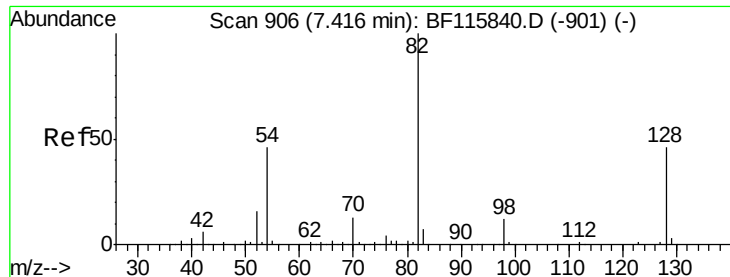
Abundance Ion 136.00 (135.70 to 136.70): E

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

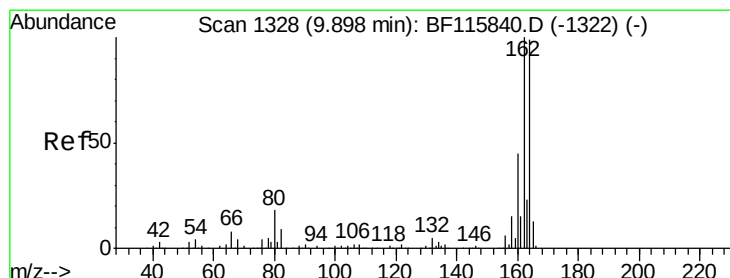
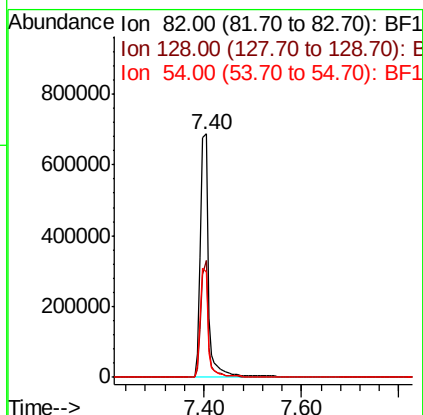
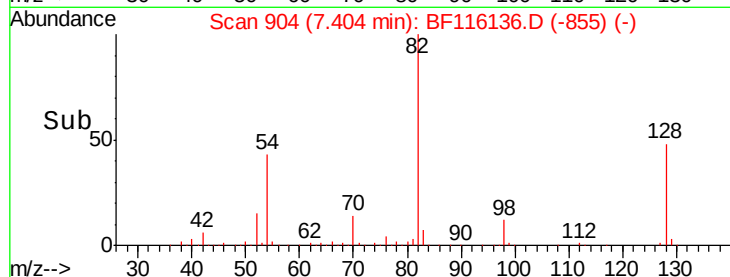
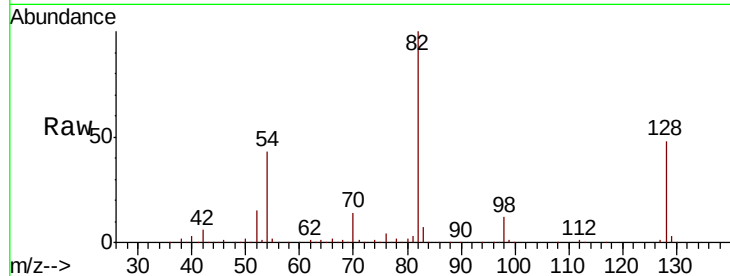




#23
Nitrobenzene-d5
Concen: 94.297 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116136.D
Acq: 10 Aug 2019 2:09

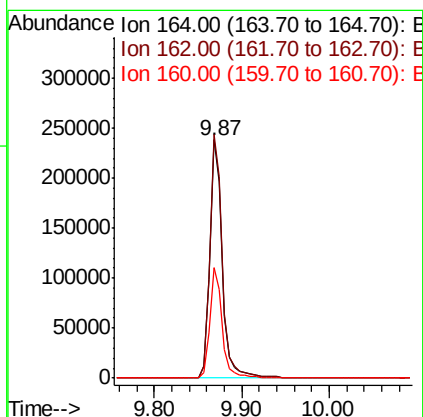
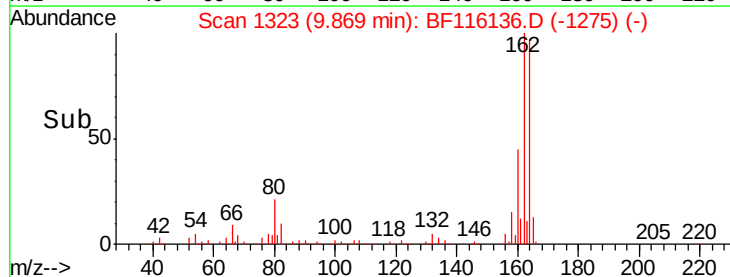
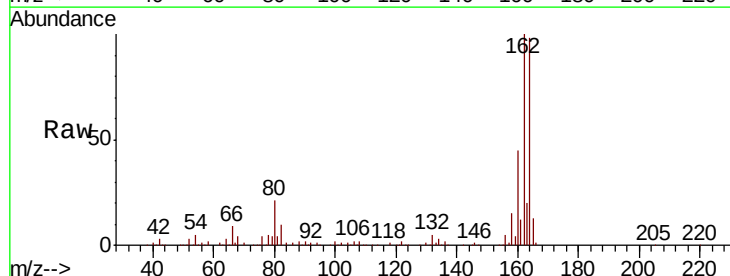
Instrument :
BNA_F
ClientSampled :
370-371

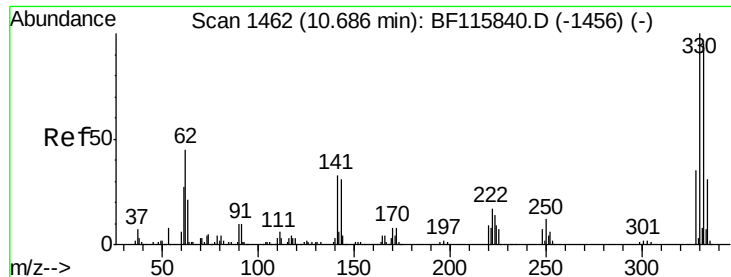
Tot Ion: 82 Resp: 796683
Ion Ratio Lower Upper
82 100
128 48.2 36.5 54.7
54 43.4 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116136.D
Acq: 10 Aug 2019 2:09

Tgt Ion: 164 Resp: 236478
Ion Ratio Lower Upper
164 100
162 102.1 82.6 124.0
160 46.2 37.6 56.4

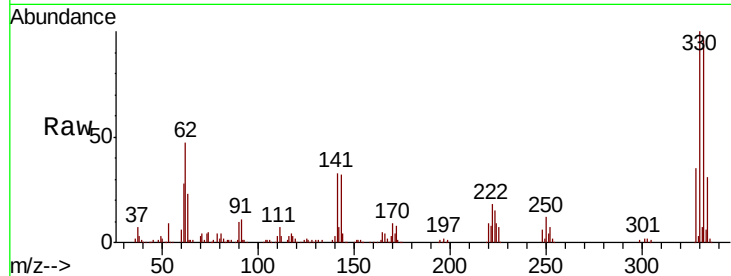




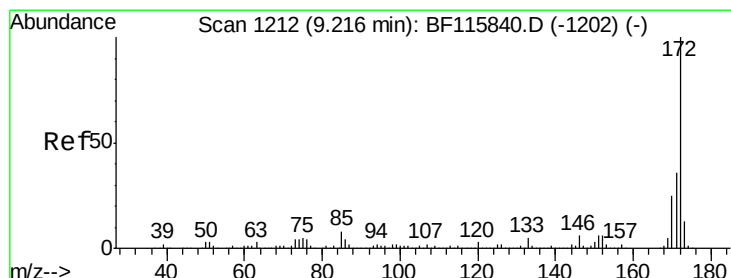
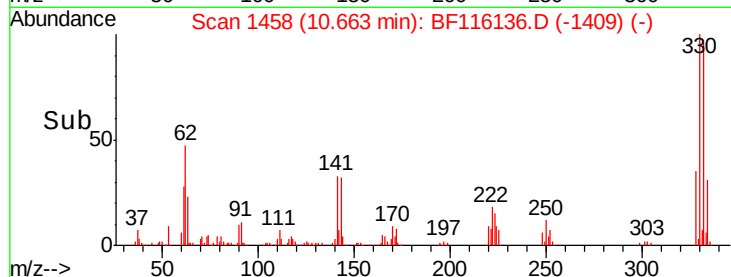
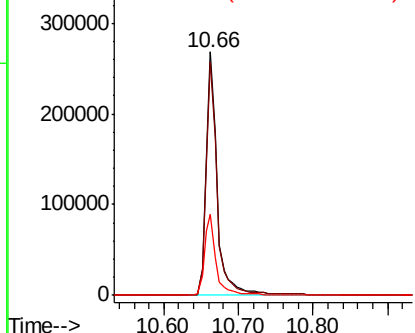
#42
 2,4,6-Tribromophenol
 Concen: 123.238 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116136.D
 Acq: 10 Aug 2019 2:09

Instrument :
 BNA_F
 ClientSampleId :
 370-371

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	34.5	26.3	39.5

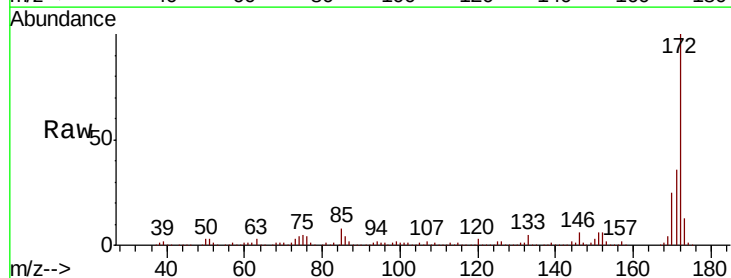


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

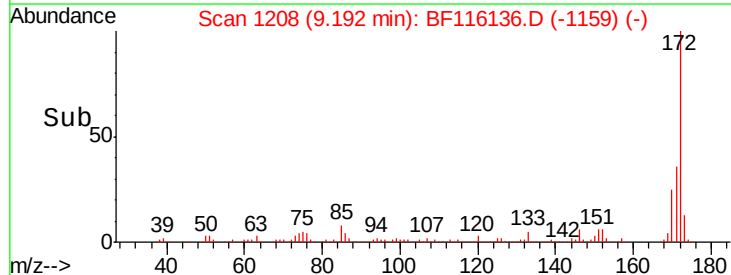
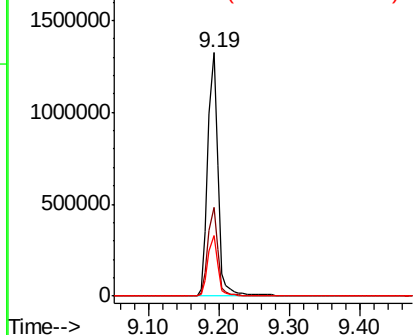


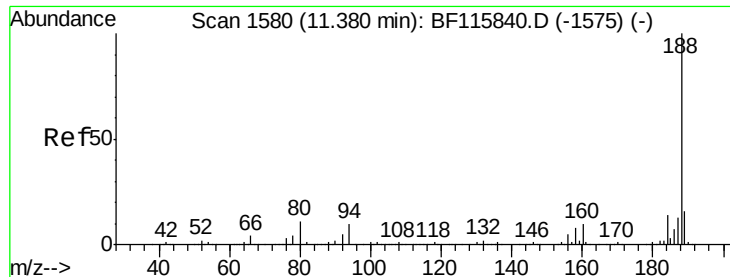
#45
 2-Fluorobiphenyl
 Concen: 106.157 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116136.D
 Acq: 10 Aug 2019 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.9	20.1	30.1



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

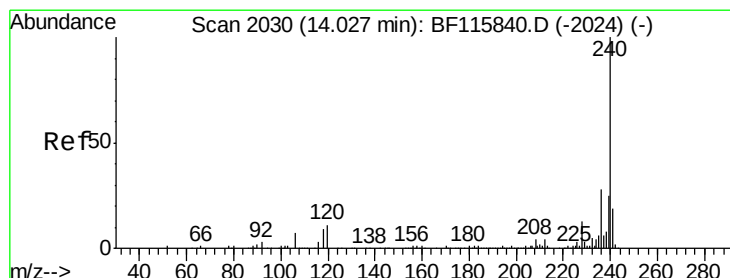
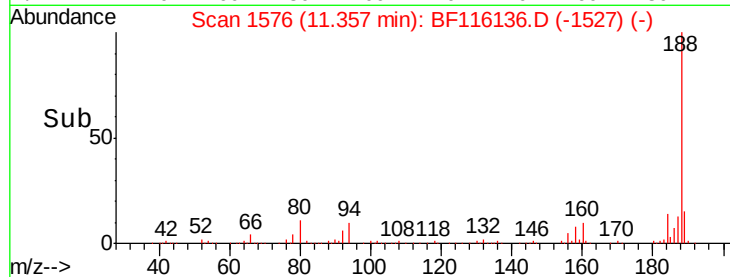
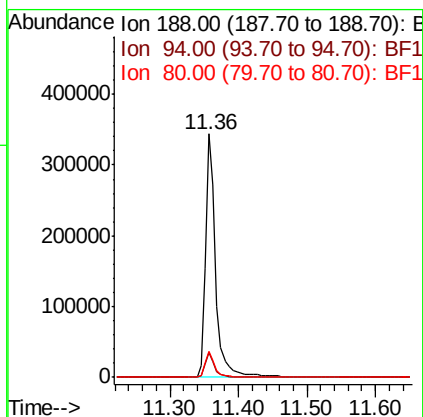
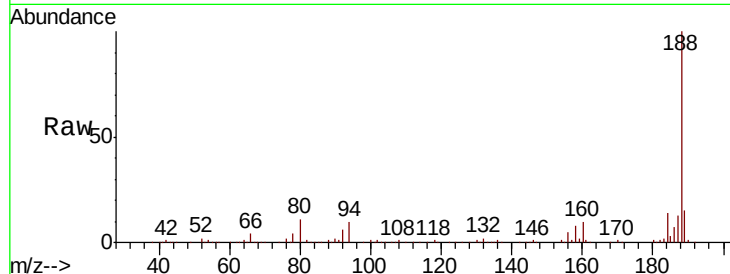




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116136.D
 Acq: 10 Aug 2019 2:09

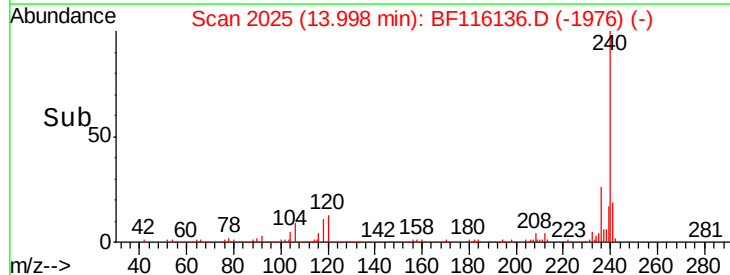
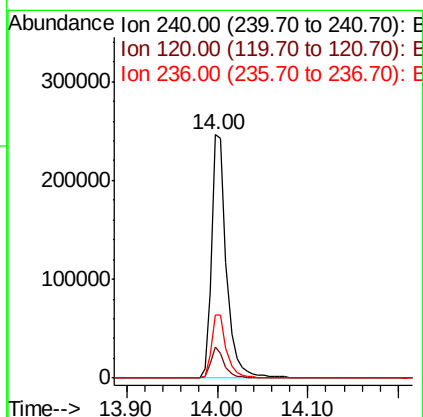
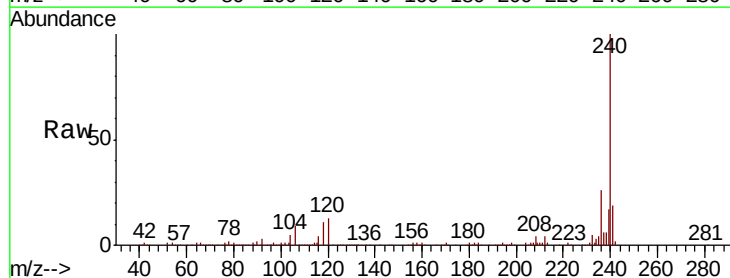
Instrument :
 BNA_F
 ClientSampleId :
 370-371

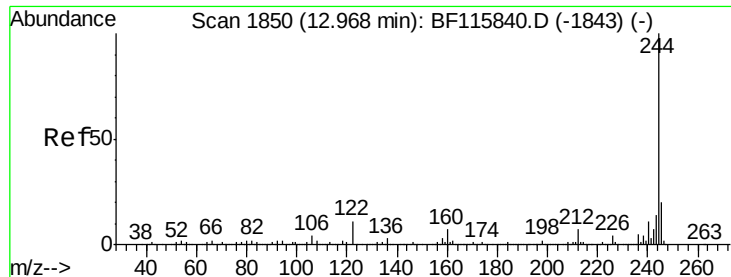
Tot Ion:188	Resp:	362685
Ion	Ratio	Lower Upper
188	100	
94	10.3	8.1 12.1
80	10.9	8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116136.D
 Acq: 10 Aug 2019 2:09

Tgt Ion:240	Resp:	285576
Ion	Ratio	Lower Upper
240	100	
120	12.9	10.7 16.1
236	26.0	22.2 33.2





#79

Terphenyl-d14

Concen: 88.139 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116136.D

Acq: 10 Aug 2019 2:09

Instrument :

BNA_F

ClientSampleId :

370-371

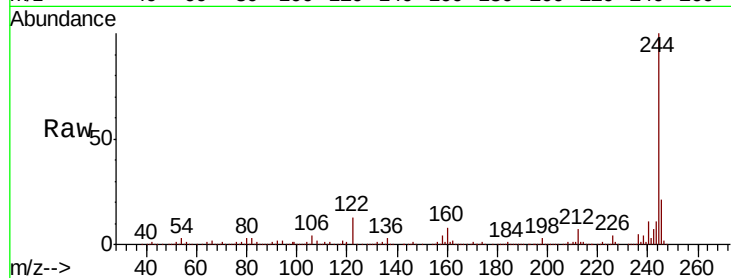
Tot Ion:244 Resp: 1194508

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

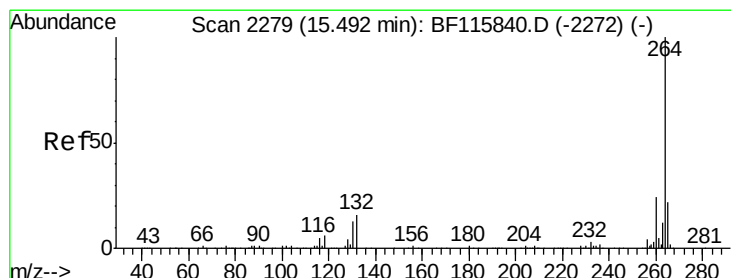
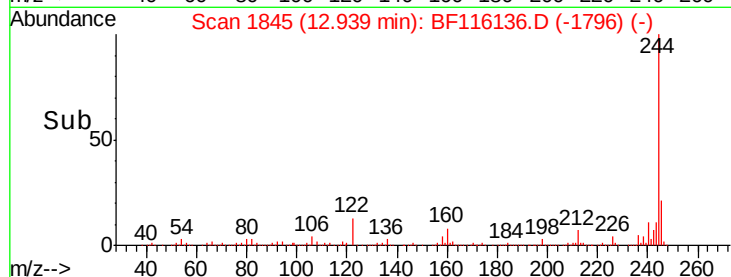
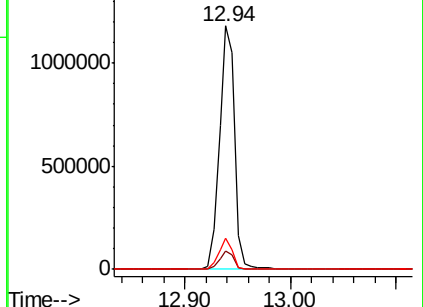
122 12.8 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116136.D

Acq: 10 Aug 2019 2:09

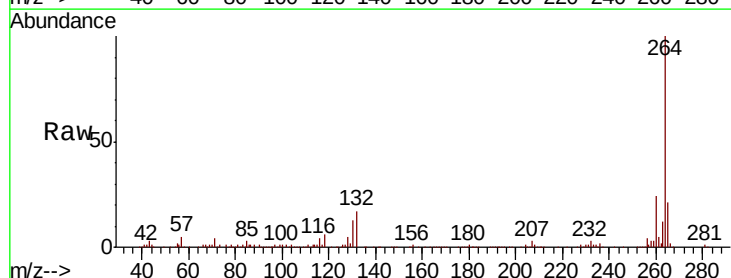
Tgt Ion:264 Resp: 319057

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.1 17.4 26.0



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

