

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116488.D
 Acq On : 23 Aug 2019 20:17
 Operator : HP/JU
 Sample : PB122361BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

Quant Time: Aug 24 04:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	123703	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	469612	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	234154	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	384845	20.00	ng	0.00
76) Chrysene-d12	14.02	240	246896	20.00	ng	-0.01
87) Perylene-d12	15.49	264	244144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	932448	110.14	ng	0.01
7) Phenol-d6	6.51	99	1221295	117.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	771357	89.86	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	257853	128.25	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1377616	94.75	ng	0.00
79) Terphenyl-d14	12.98	244	1283157	97.08	ng	0.00

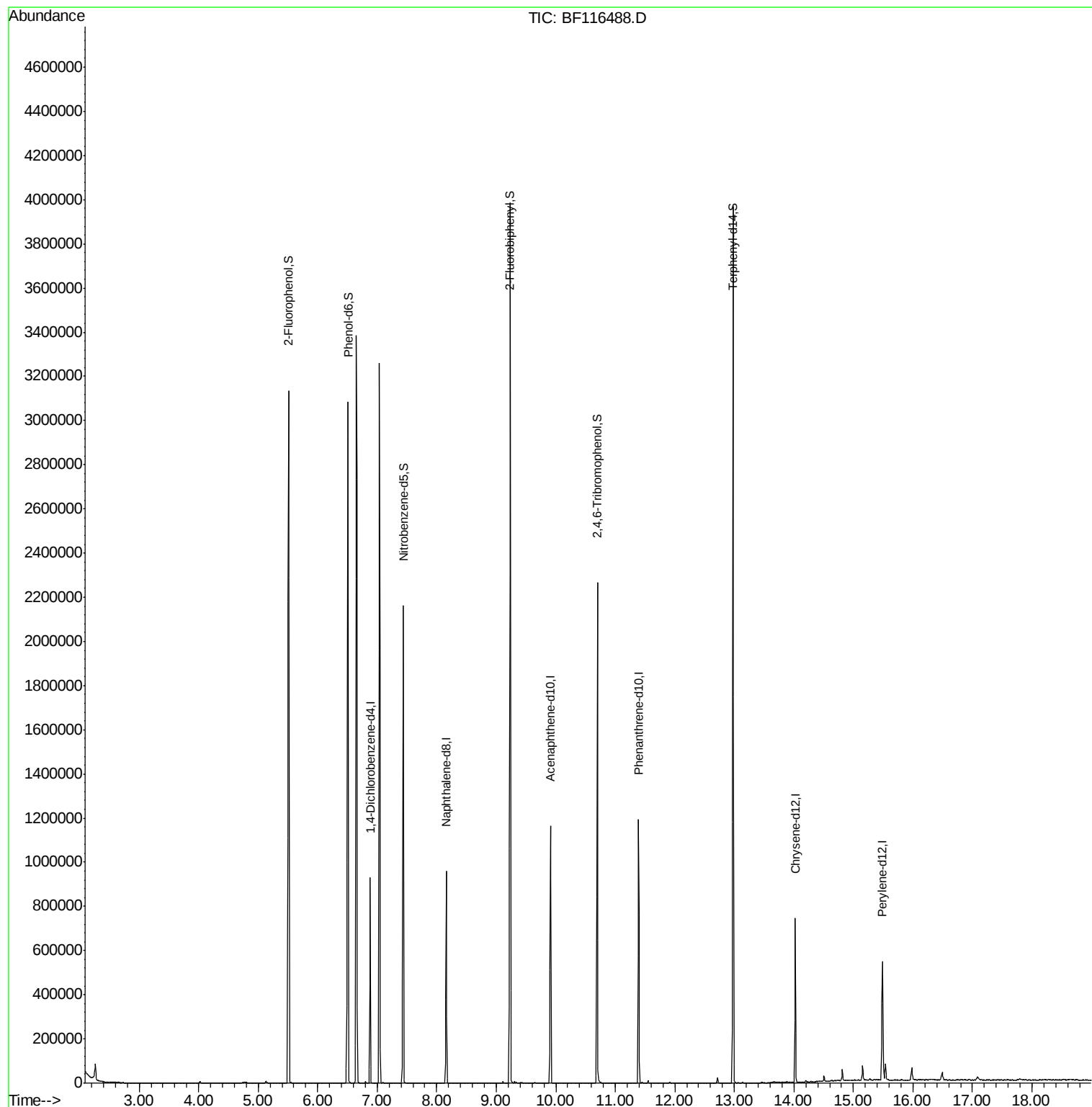
Target Compounds Qvalue

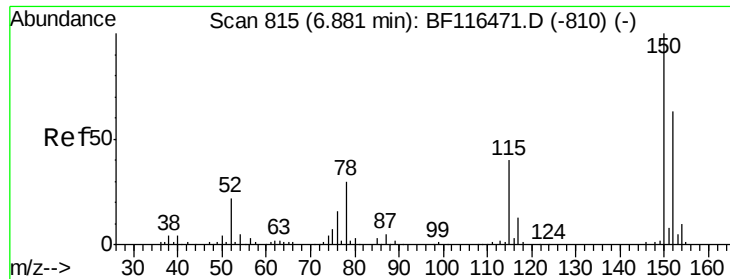
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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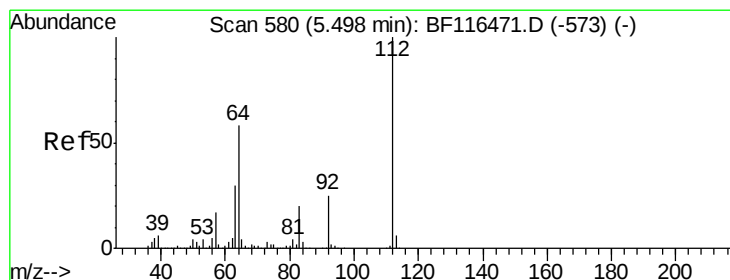
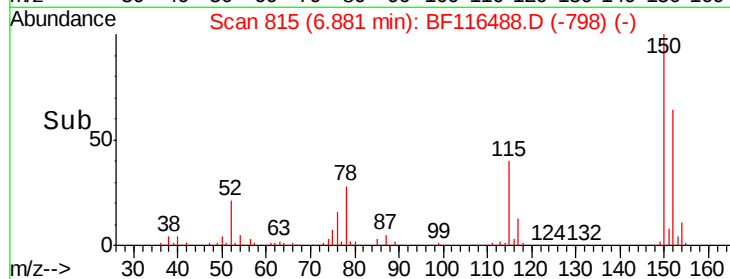
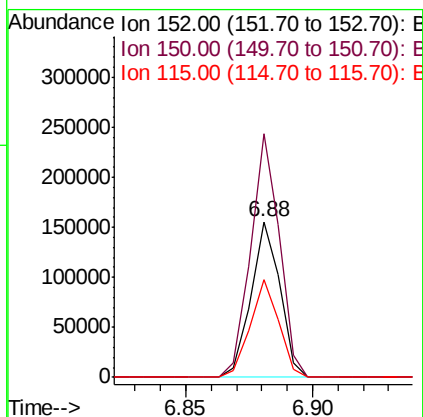
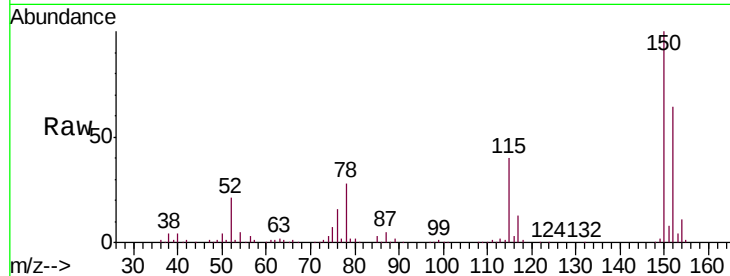


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116488.D
Acq: 23 Aug 2019 20:17

Instrument :
BNA_F
ClientSampleId :
PB122361BL

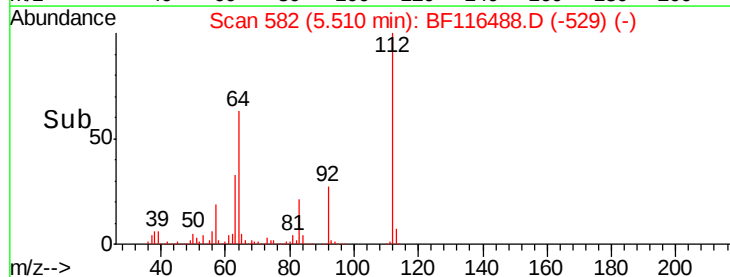
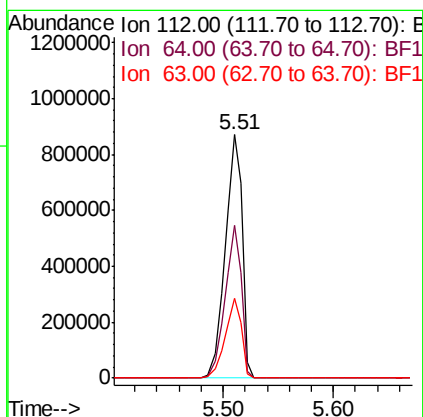
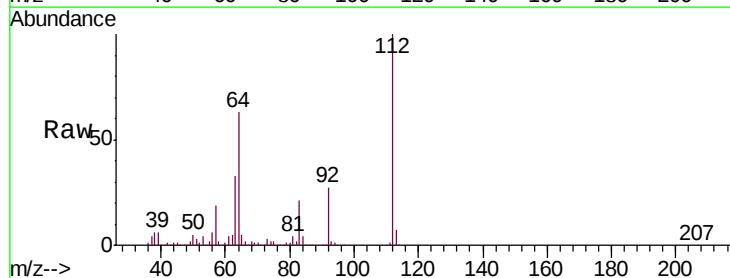
Tot Ion:152 Resp: 123703
Ion Ratio Lower Upper
152 100
150 156.7 126.7 190.1
115 62.6 50.9 76.3

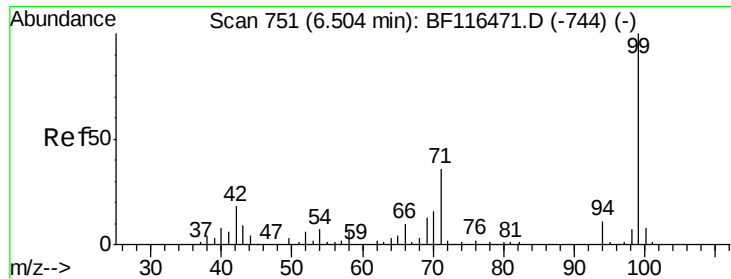


#5

2-Fluorophenol
Concen: 110.138 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116488.D
Acq: 23 Aug 2019 20:17

Tgt Ion:112 Resp: 932448
Ion Ratio Lower Upper
112 100
64 62.5 46.3 69.5
63 32.6 24.2 36.4





#7

Phenol-d6

Concen: 117.650 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

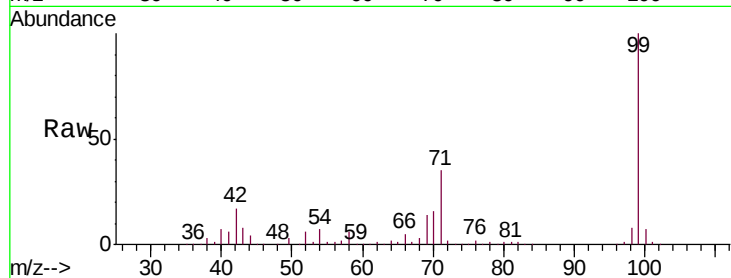
BNA_F

ClientSampleId :

PB122361BL

Tot Ion: 99 Resp: 1221295

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	35.2	28.5	42.7

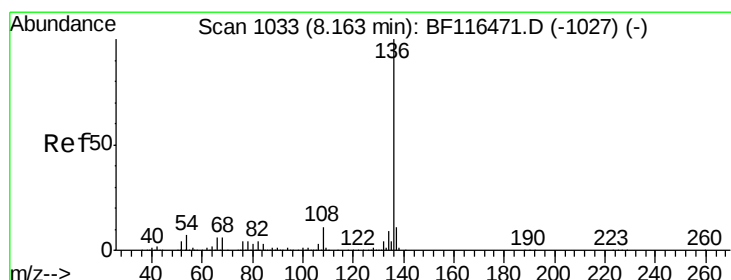
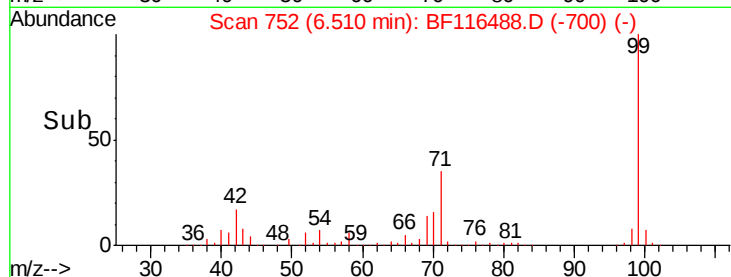
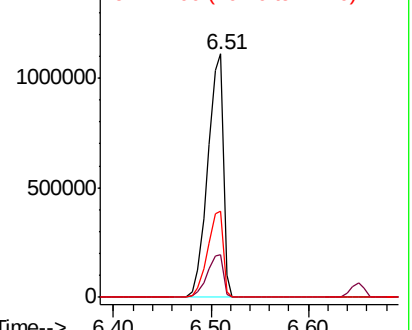


Abundance

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: 8.16 min Scan# 1033

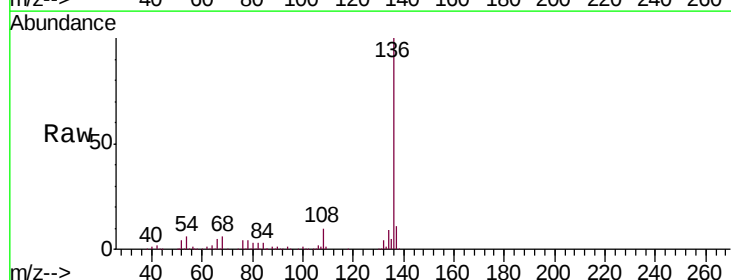
Delta R.T. -0.00 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Tgt Ion: 136 Resp: 469612

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	5.8	8.6
68	5.7	5.1	7.7



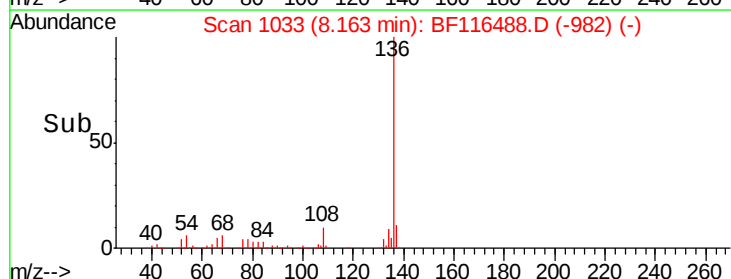
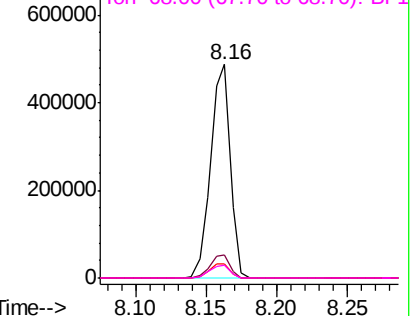
Abundance

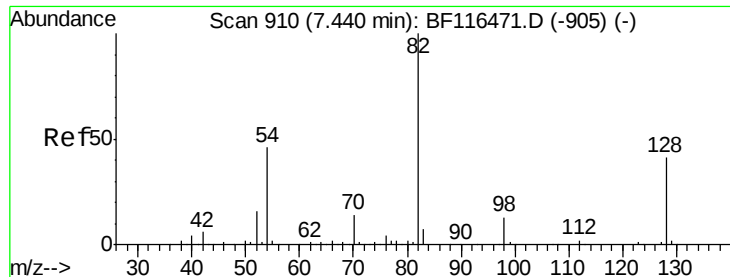
Ion 136.00 (135.70 to 136.70): E

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: 89.863 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

BNA_F

ClientSampleId :

PB122361BL

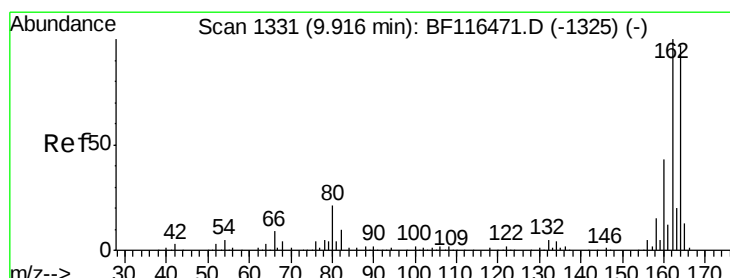
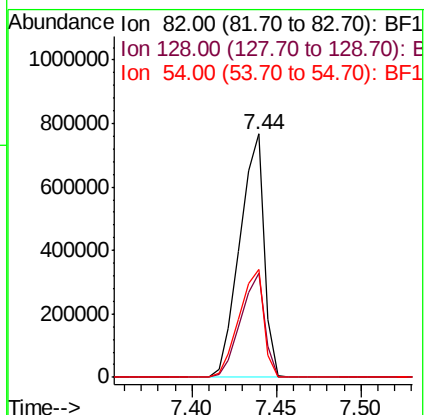
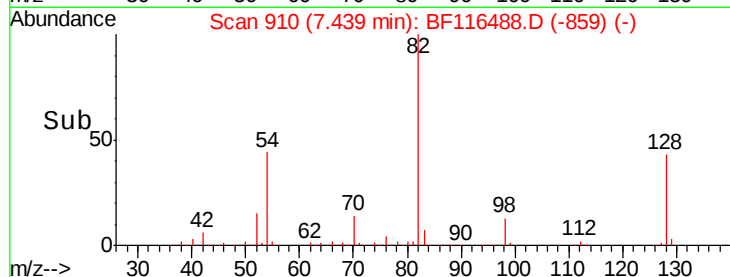
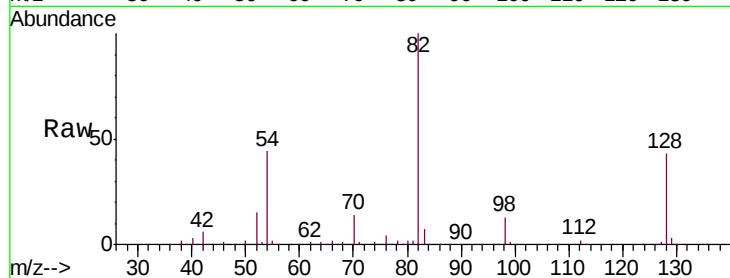
Tot Ion: 82 Resp: 771357

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.4

54 44.1 36.5 54.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

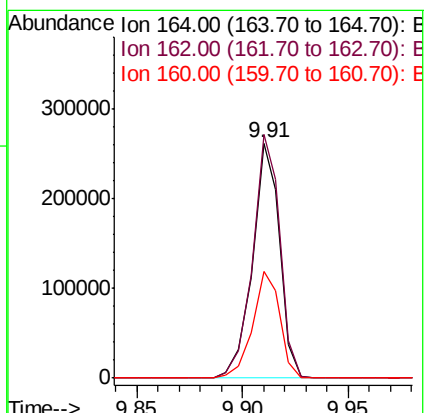
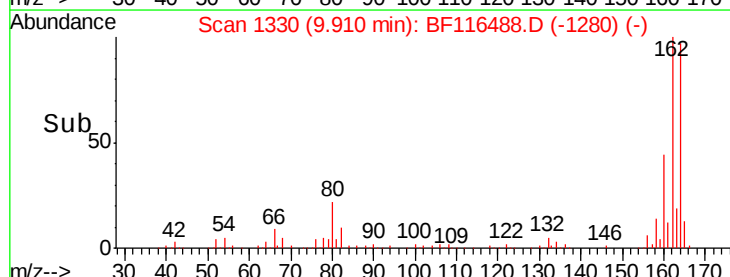
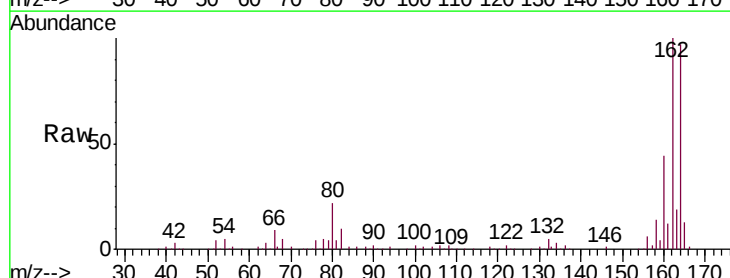
Tgt Ion: 164 Resp: 234154

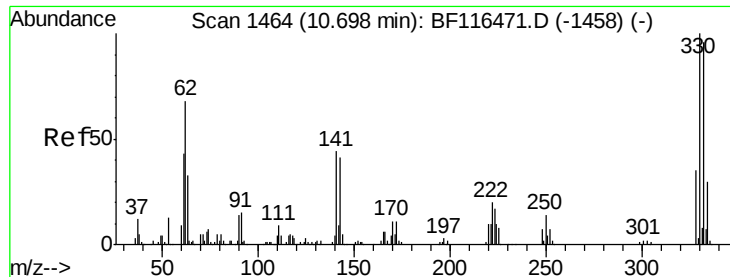
Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 45.6 35.8 53.8

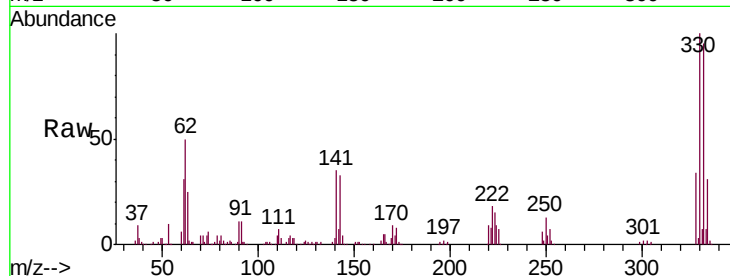




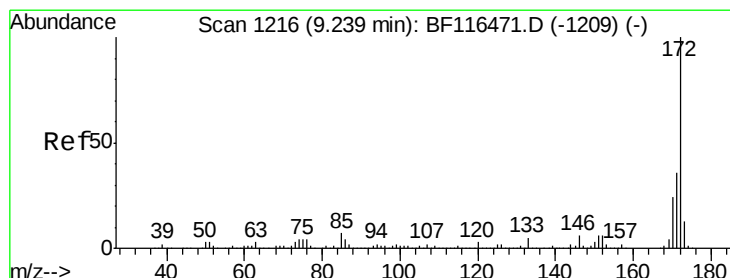
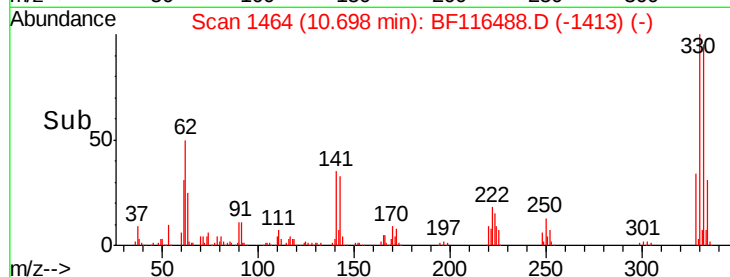
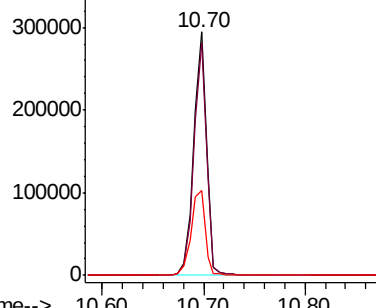
#42
 2,4,6-Tribromophenol
 Concen: 128.246 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.2	115.8
141	38.3	33.3	49.9

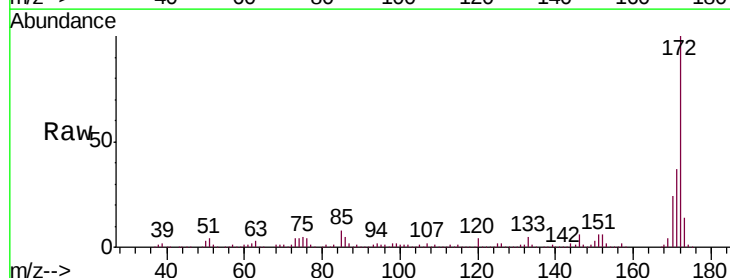


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

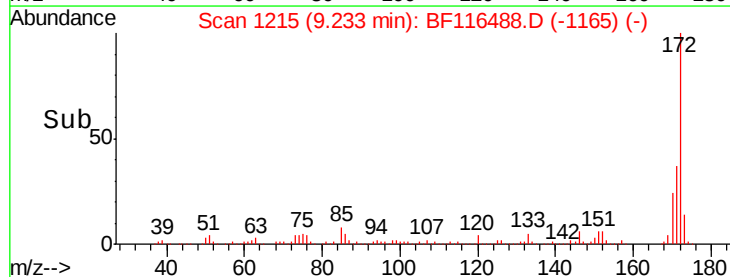
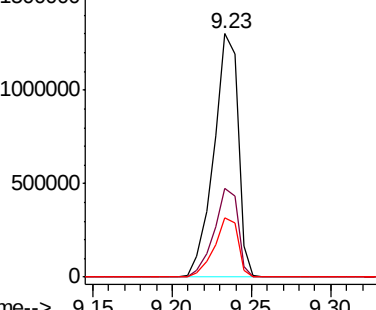


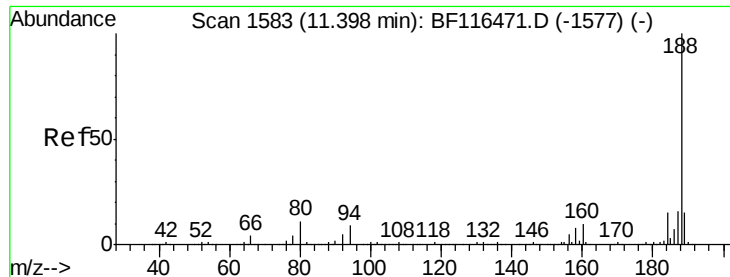
#45
 2-Fluorobiphenyl
 Concen: 94.746 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.2	19.4	29.0



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

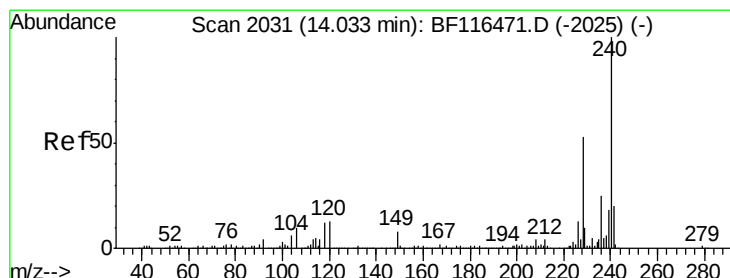
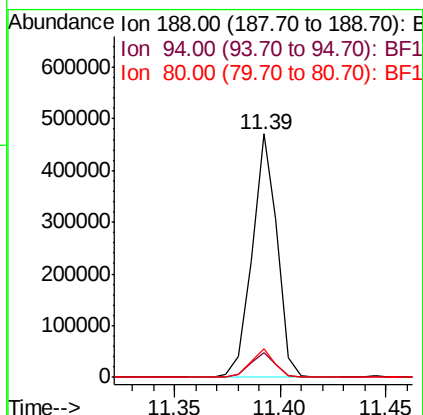
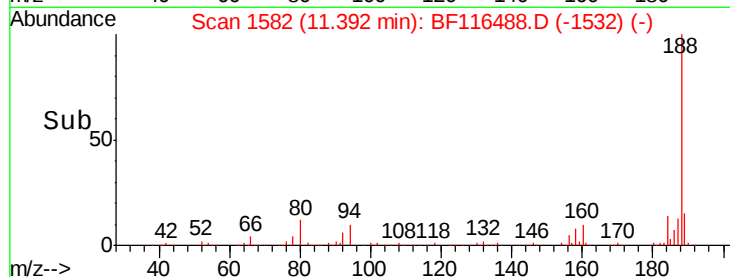
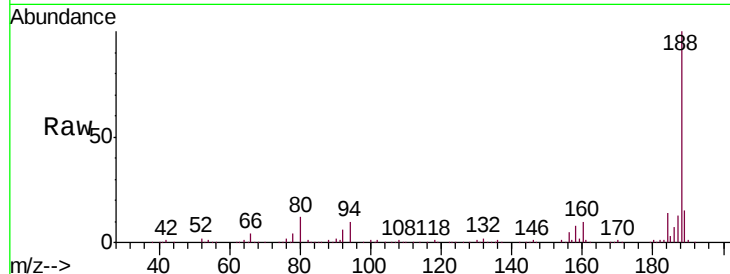




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116488.D
Acq: 23 Aug 2019 20:17

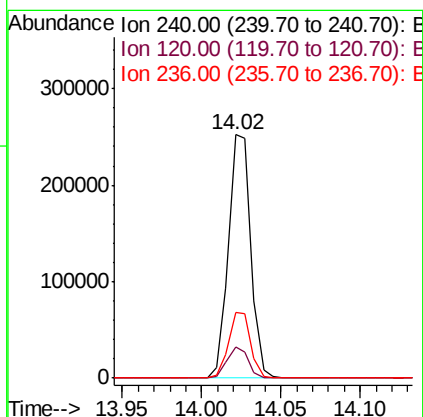
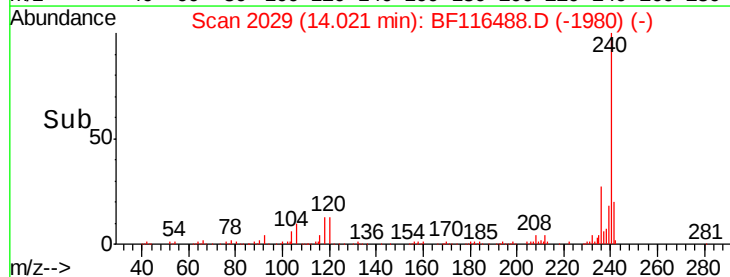
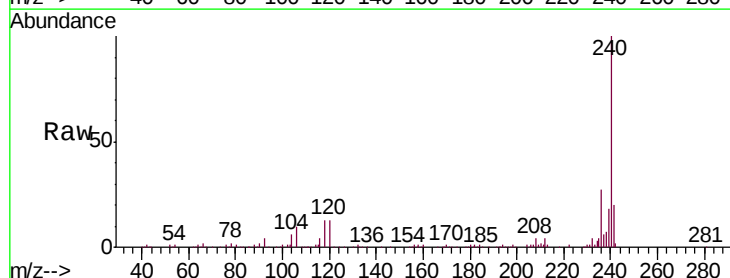
Instrument :
BNA_F
ClientSampleId :
PB122361BL

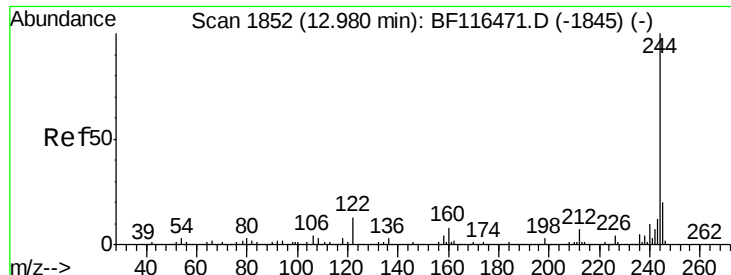
Tot Ion:188 Resp: 384845
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116488.D
Acq: 23 Aug 2019 20:17

Tgt Ion:240 Resp: 246896
Ion Ratio Lower Upper
240 100
120 13.0 10.5 15.7
236 26.8 20.2 30.2





#79

Terphenyl-d14

Concen: 97.078 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

BNA_F

ClientSampleId :

PB122361BL

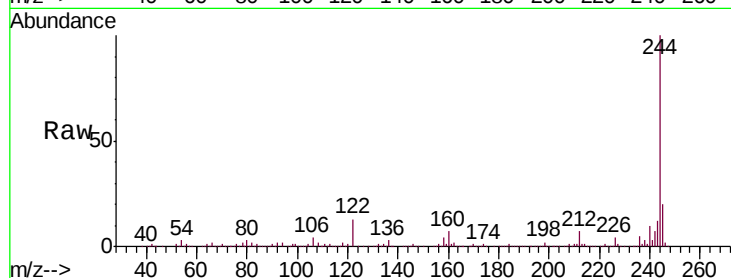
Tot Ion:244 Resp: 1283157

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

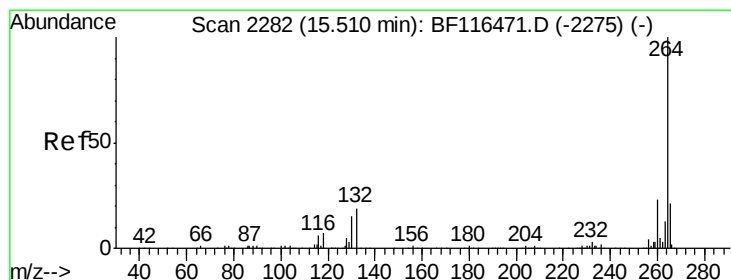
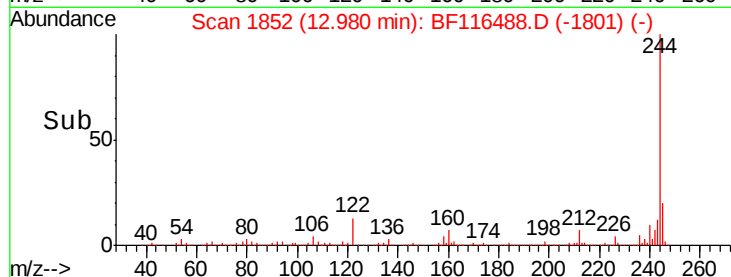
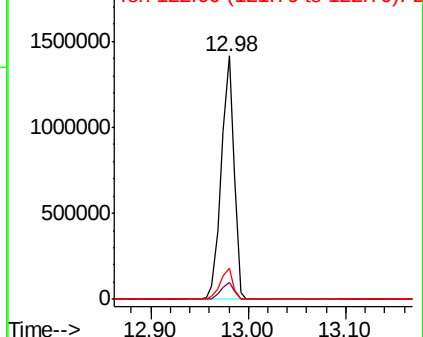
122 12.8 10.2 15.4



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: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

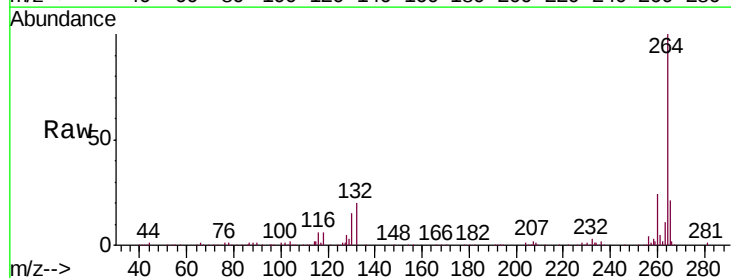
Tgt Ion:264 Resp: 244144

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.4 17.1 25.7



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

