

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116489.D
 Acq On : 23 Aug 2019 20:44
 Operator : HP/JU
 Sample : PB122361TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122361TB

Quant Time: Aug 24 04:06:35 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	127033	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	480001	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	238128	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	399919	20.00	ng	0.00
76) Chrysene-d12	14.03	240	252171	20.00	ng	0.00
87) Perylene-d12	15.49	264	246582	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	963476	110.82	ng	0.01
7) Phenol-d6	6.51	99	1265452	118.71	ng	0.00
23) Nitrobenzene-d5	7.44	82	795894	90.72	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	271171	132.62	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1415124	95.70	ng	0.00
79) Terphenyl-d14	12.98	244	1331649	98.64	ng	0.00

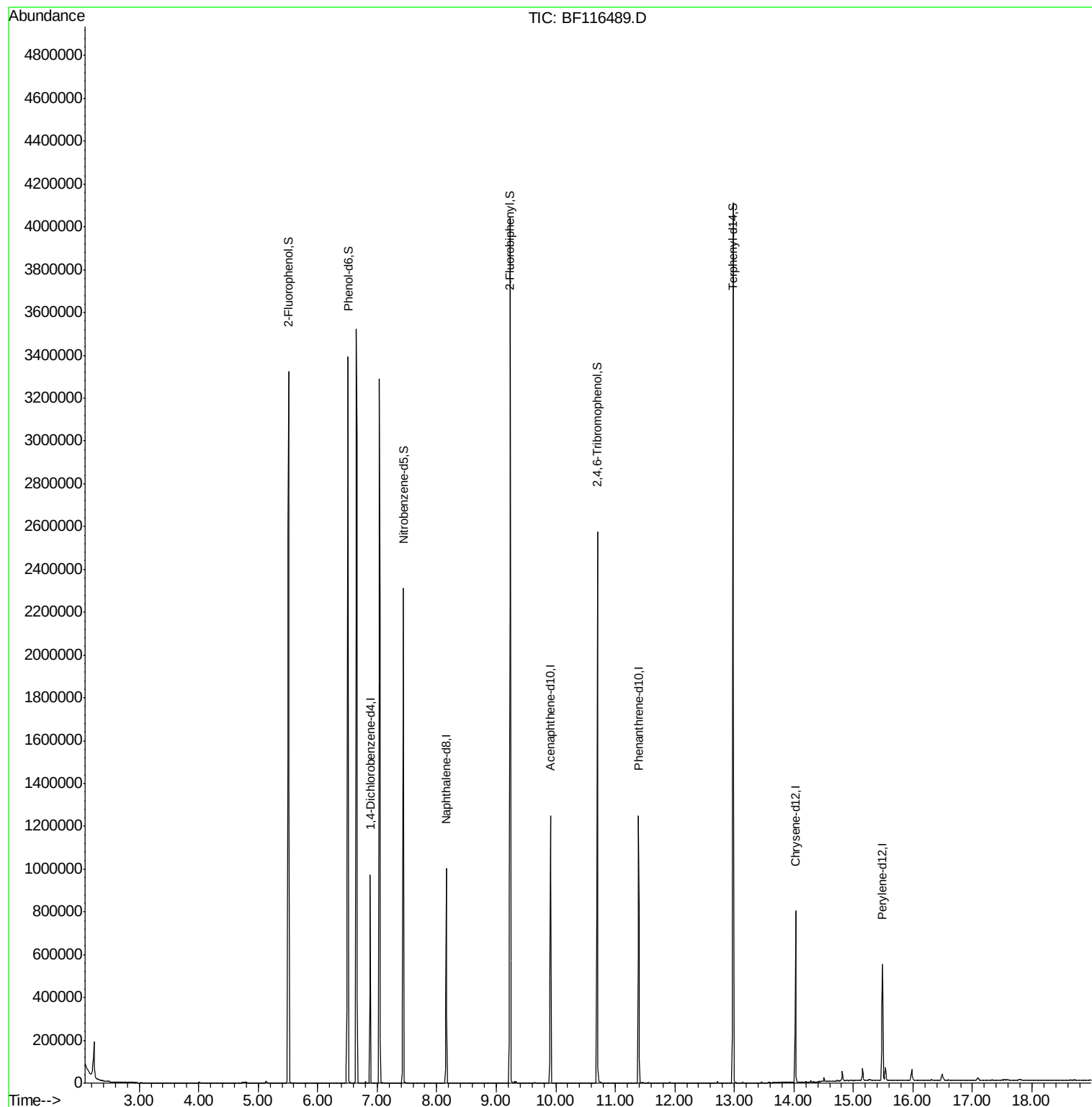
Target Compounds Qvalue

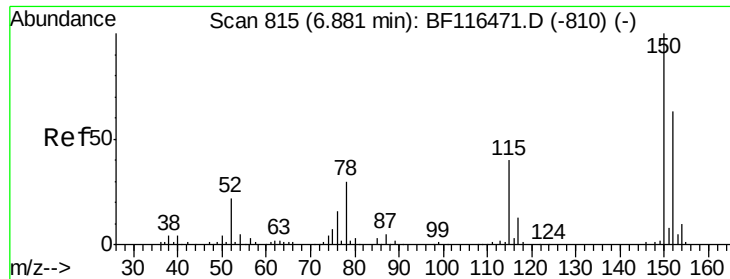
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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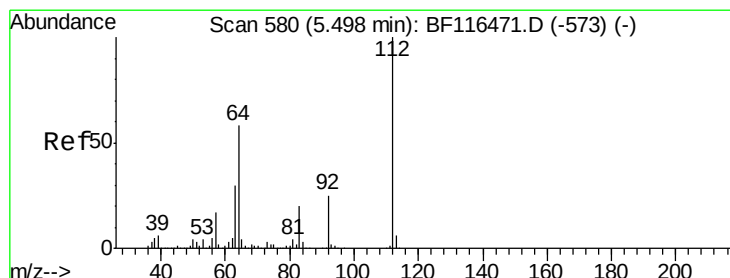
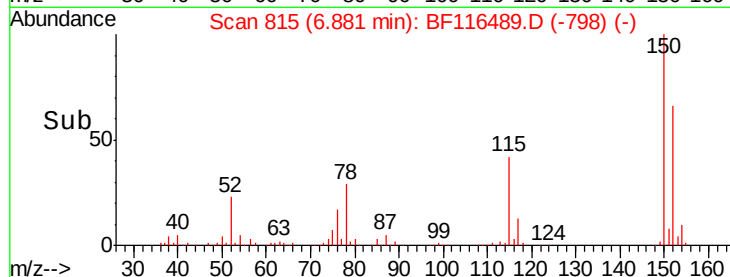
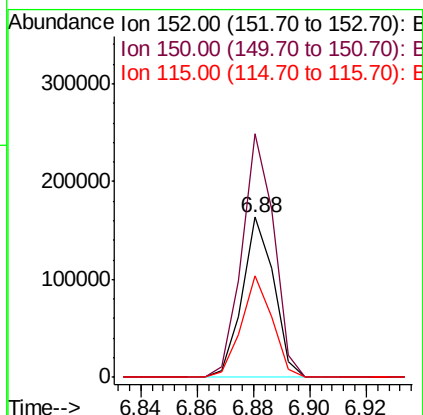
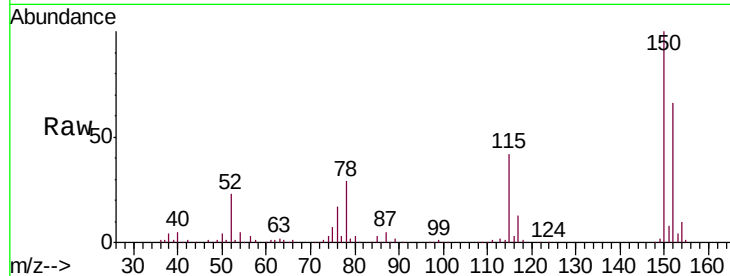


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116489.D
Acq: 23 Aug 2019 20:44

Instrument :
BNA_F
ClientSampleId :
PB122361TB

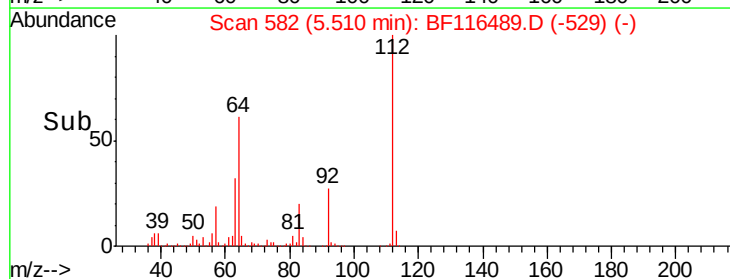
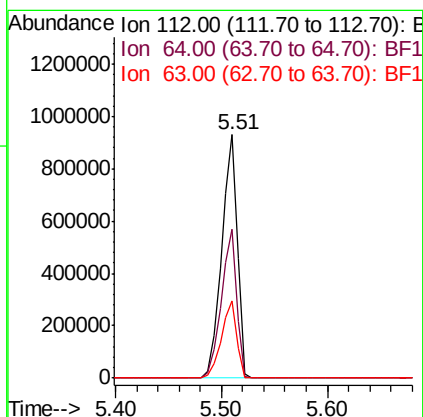
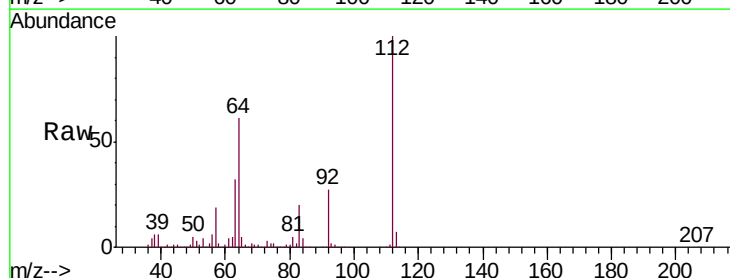
Tot Ion:152 Resp: 127033
Ion Ratio Lower Upper
152 100
150 152.0 126.7 190.1
115 63.4 50.9 76.3

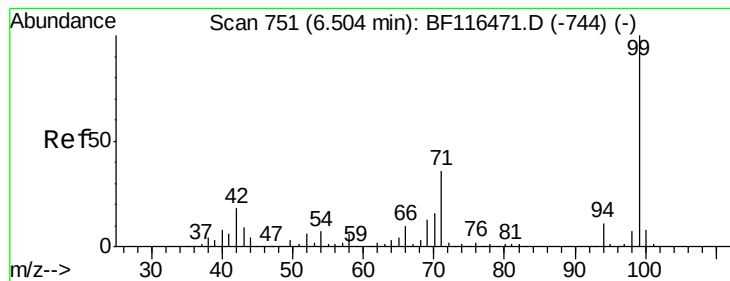


#5

2-Fluorophenol
Concen: 110.820 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116489.D
Acq: 23 Aug 2019 20:44

Tgt Ion:112 Resp: 963476
Ion Ratio Lower Upper
112 100
64 61.2 46.3 69.5
63 31.8 24.2 36.4





#7

Phenol-d6

Concen: 118.708 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116489.D

Acq: 23 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

PB122361TB

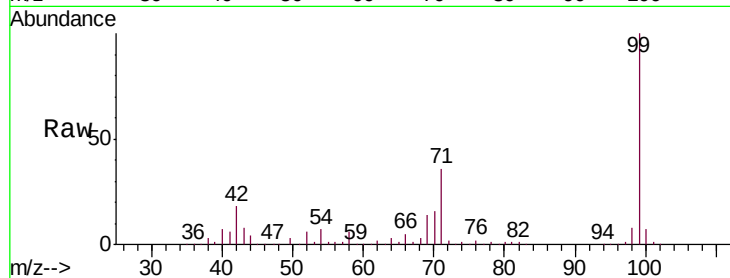
Tot Ion: 99 Resp: 1265452

Ion Ratio Lower Upper

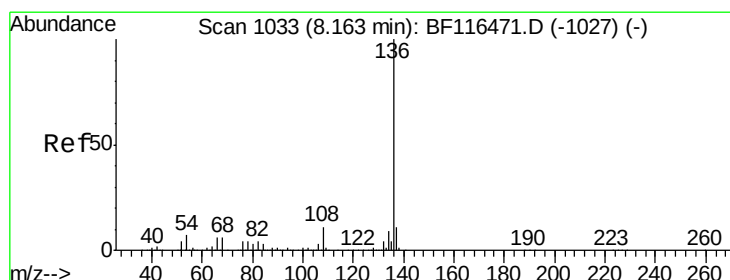
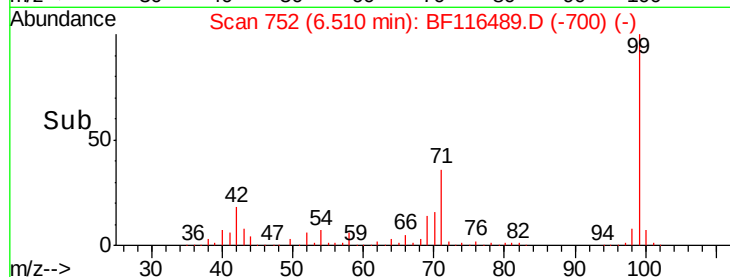
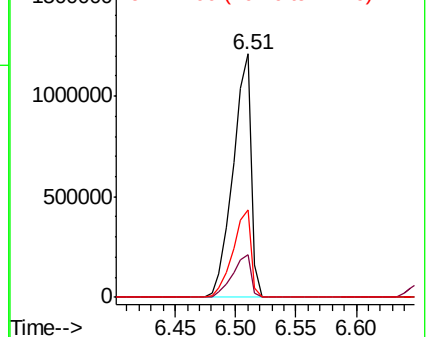
99 100

42 17.5 14.6 21.8

71 35.8 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: BF116489.D

Acq: 23 Aug 2019 20:44

Tgt Ion: 136 Resp: 480001

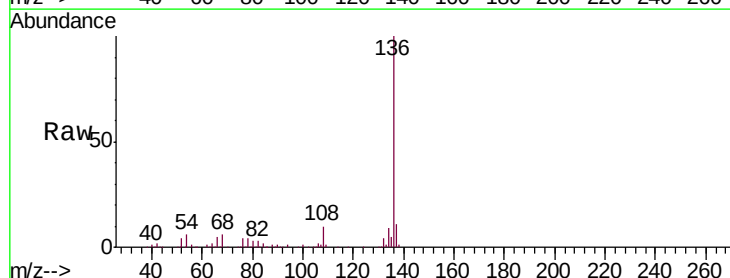
Ion Ratio Lower Upper

136 100

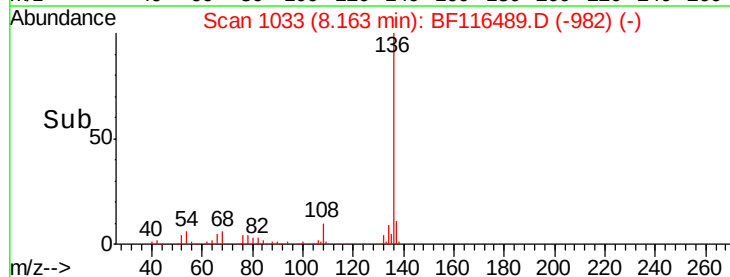
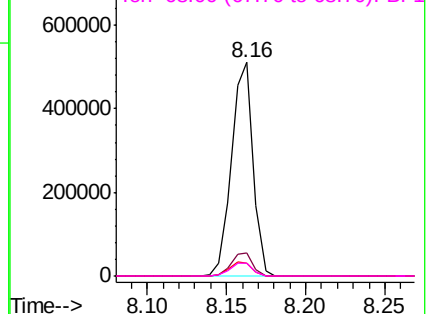
137 10.5 9.0 13.4

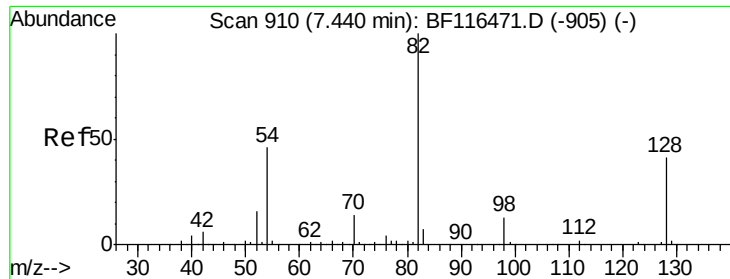
54 6.3 5.8 8.6

68 5.8 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

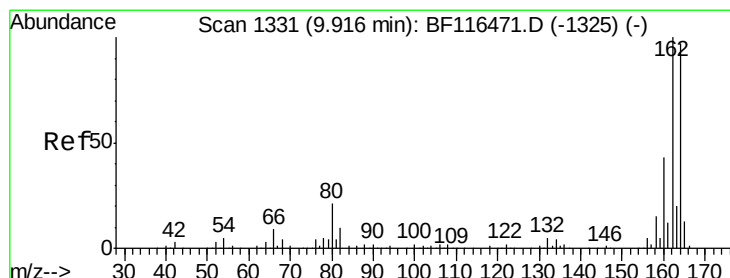
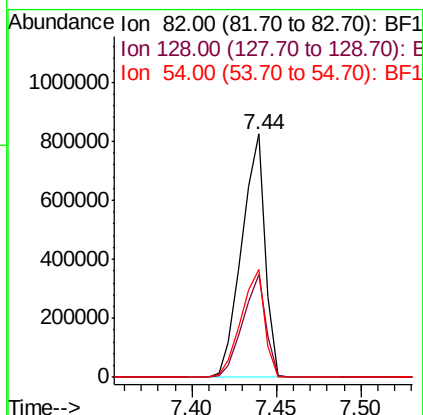
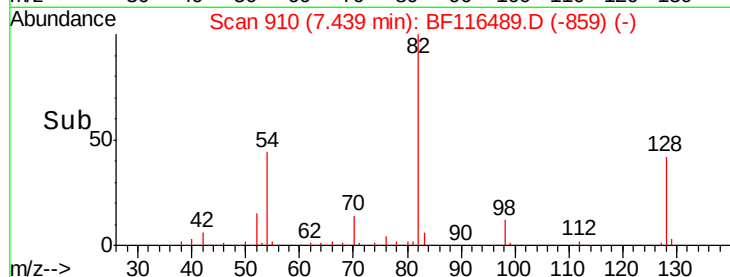
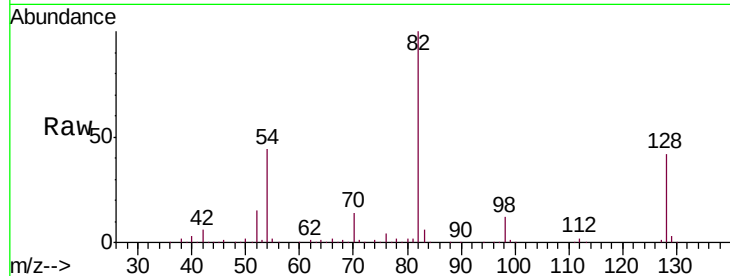




#23
 Nitrobenzene-d5
 Concen: 90.715 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116489.D
 Acq: 23 Aug 2019 20:44

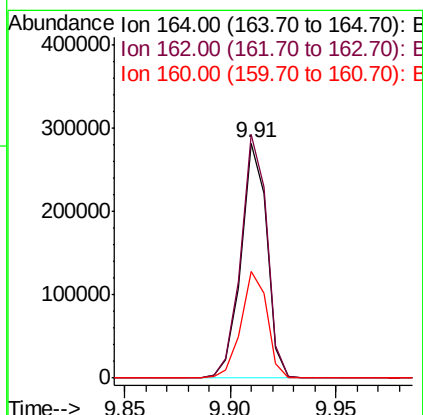
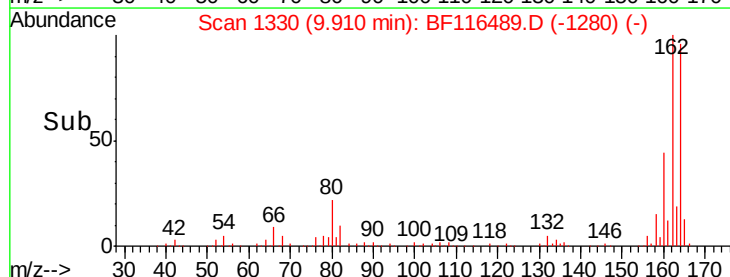
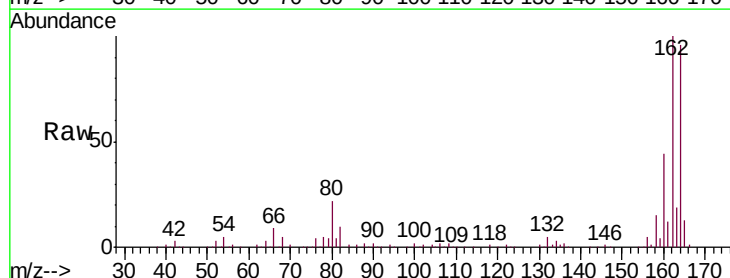
Instrument :
 BNA_F
 ClientSampleId :
 PB122361TB

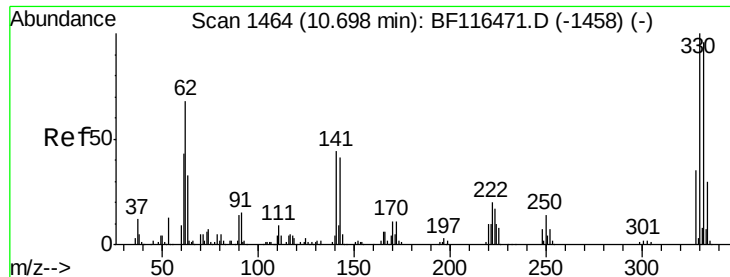
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.2	48.4
54	44.2	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116489.D
 Acq: 23 Aug 2019 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.3	35.8	53.8

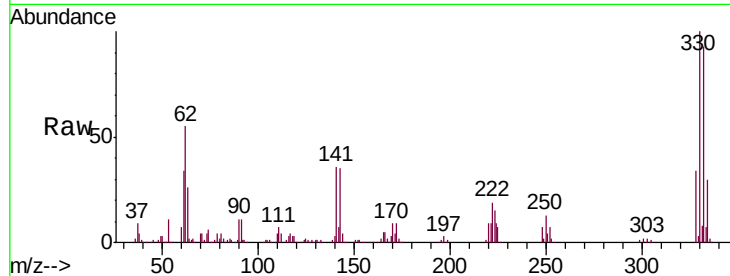




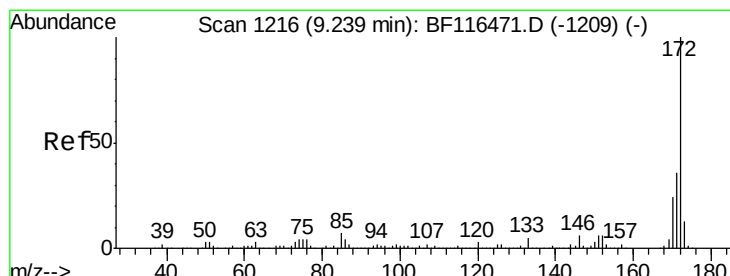
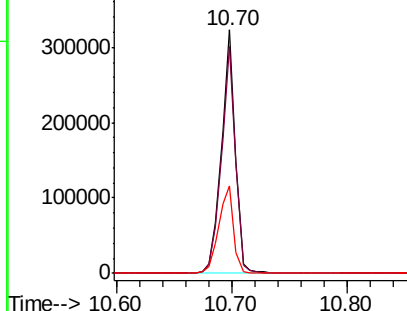
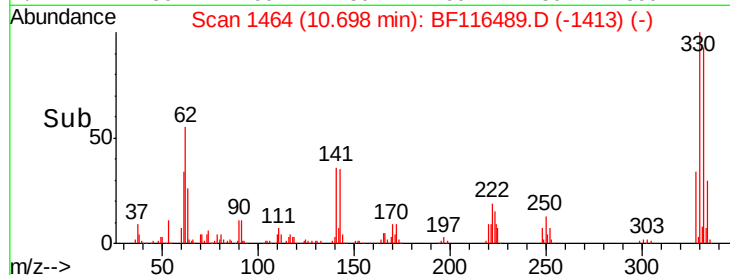
#42
 2,4,6-Tribromophenol
 Concen: 132.619 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116489.D
 Acq: 23 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122361TB

Tot Ion:330 Resp: 271171
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.2 115.8
 141 38.1 33.3 49.9

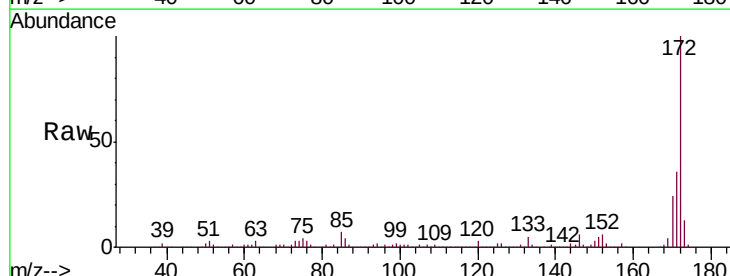


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

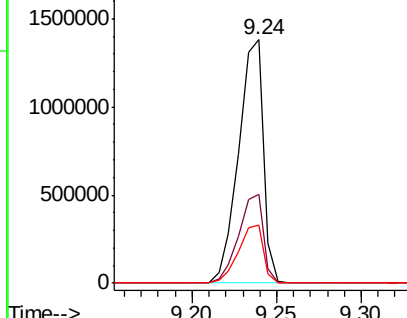
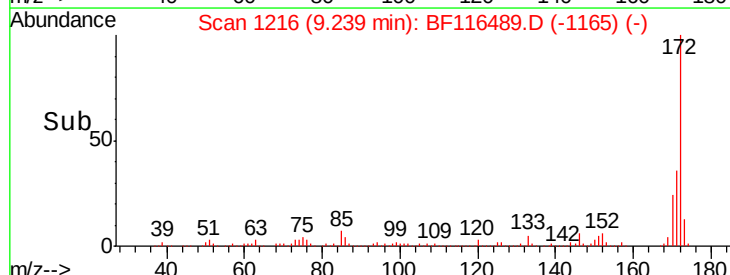


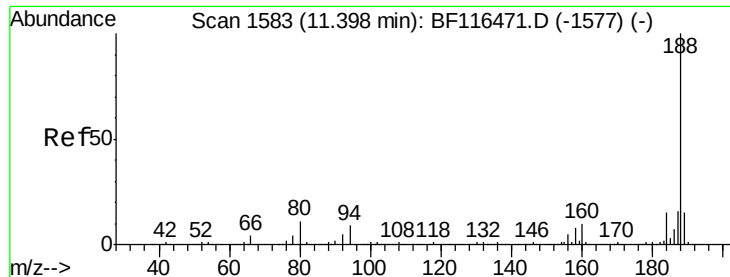
#45
 2-Fluorobiphenyl
 Concen: 95.702 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116489.D
 Acq: 23 Aug 2019 20:44

Tgt Ion:172 Resp: 1415124
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.8 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: BF116489.D

Acq: 23 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

PB122361TB

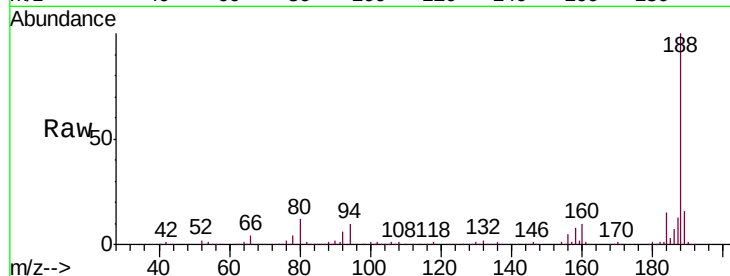
Tot Ion:188 Resp: 399919

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.2

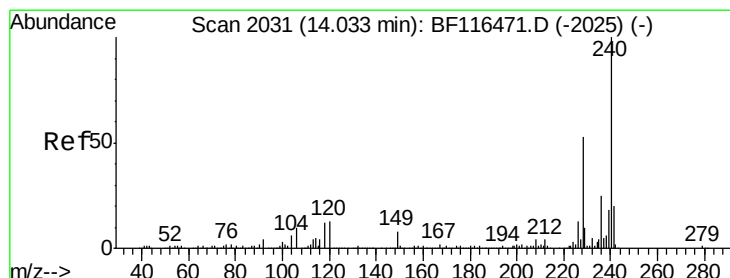
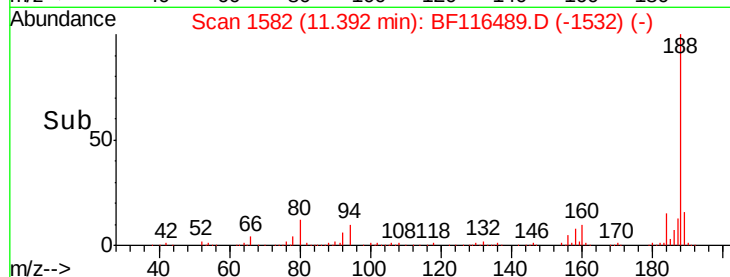
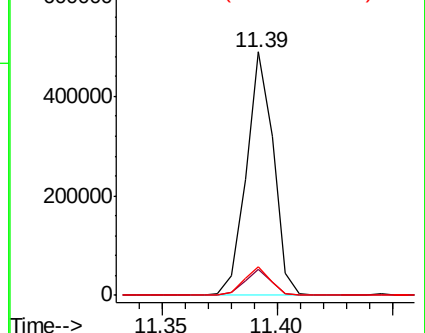
80 11.8 8.6 12.8



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116489.D

Acq: 23 Aug 2019 20:44

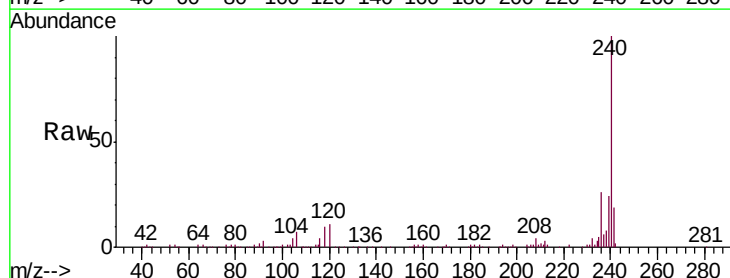
Tgt Ion:240 Resp: 252171

Ion Ratio Lower Upper

240 100

120 11.1 10.5 15.7

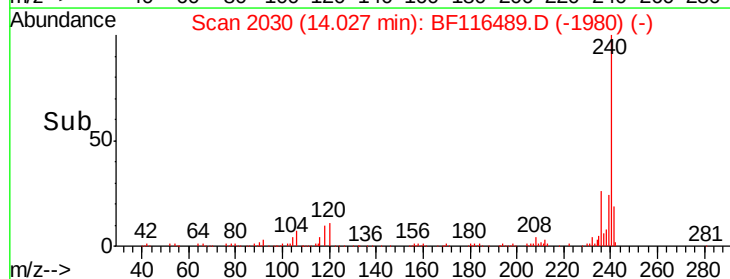
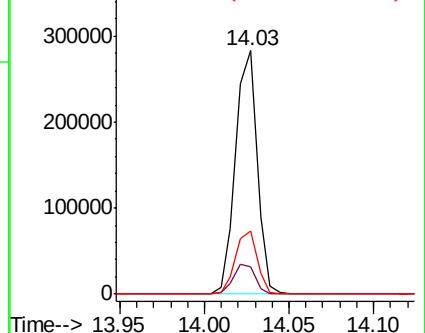
236 26.0 20.2 30.2

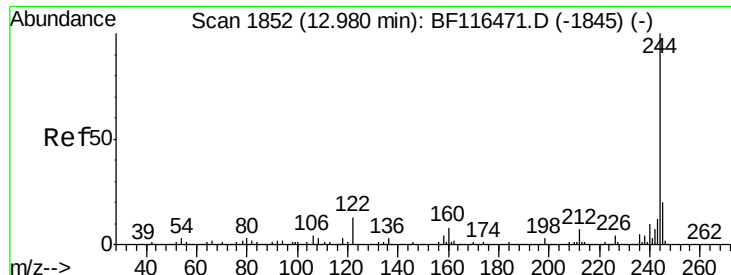


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.639 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116489.D

Acq: 23 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

PB122361TB

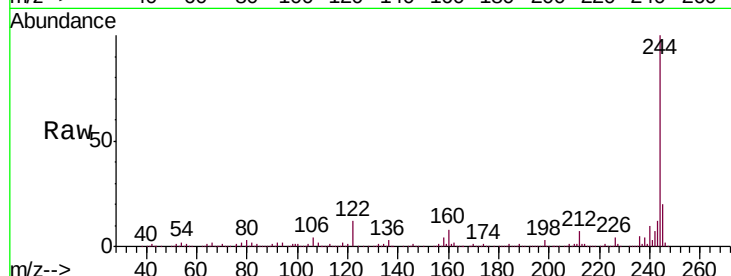
Tot Ion:244 Resp: 1331649

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

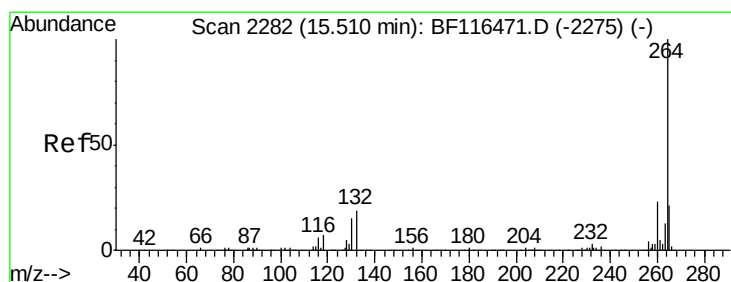
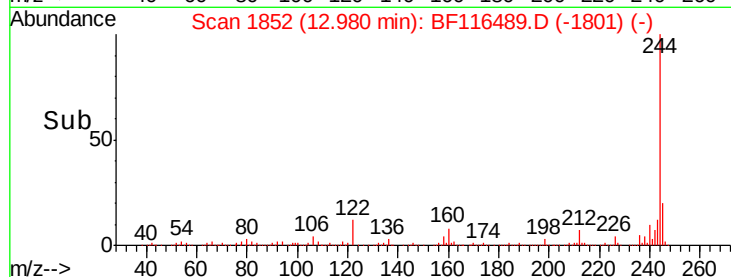
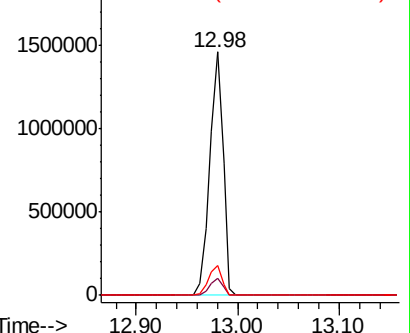
122 12.4 10.2 15.4



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: BF116489.D

Acq: 23 Aug 2019 20:44

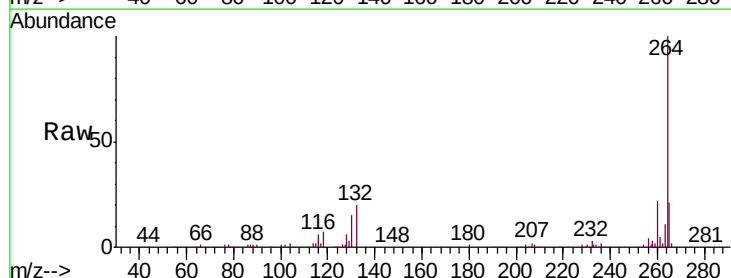
Tgt Ion:264 Resp: 246582

Ion Ratio Lower Upper

264 100

260 22.4 18.8 28.2

265 21.3 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

