

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
 Data File : BF116569.D
 Acq On : 26 Aug 2019 12:45
 Operator : HP/JU
 Sample : PB122490BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122490BL

Quant Time: Aug 27 03:53:39 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	129705	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	506133	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	271182	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	493439	20.00	ng	0.00
76) Chrysene-d12	14.03	240	372465	20.00	ng	0.00
87) Perylene-d12	15.50	264	339172	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	978339	110.21	ng	0.02
7) Phenol-d6	6.52	99	1282033	117.79	ng	0.01
23) Nitrobenzene-d5	7.44	82	835689	90.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	335109	143.91	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1529860	90.85	ng	0.00
79) Terphenyl-d14	12.99	244	1757504	88.14	ng	0.00

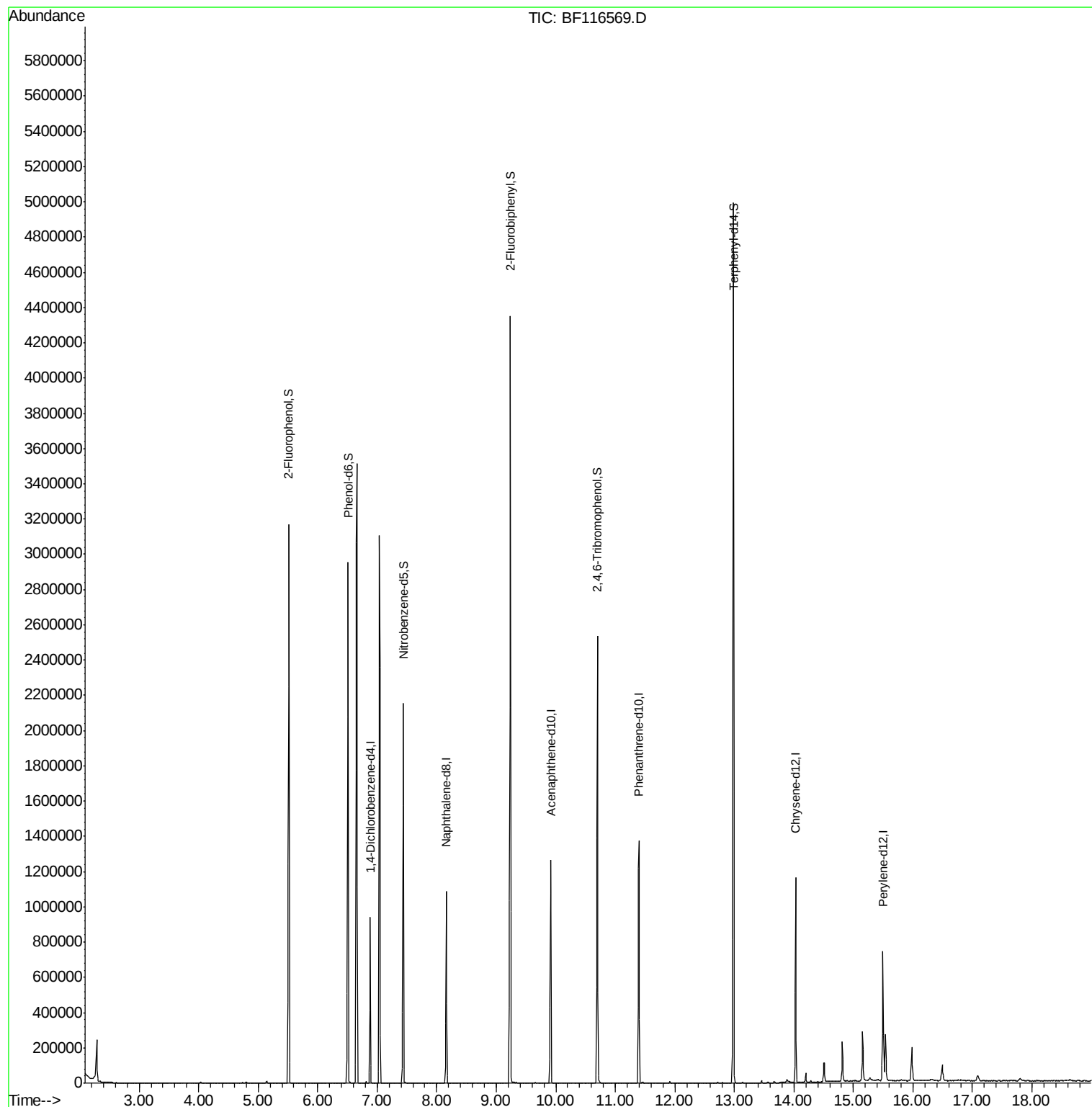
Target Compounds Qvalue

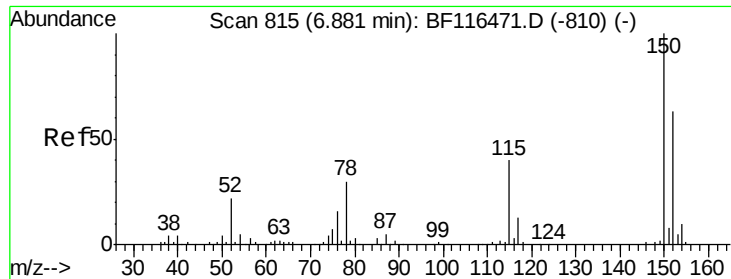
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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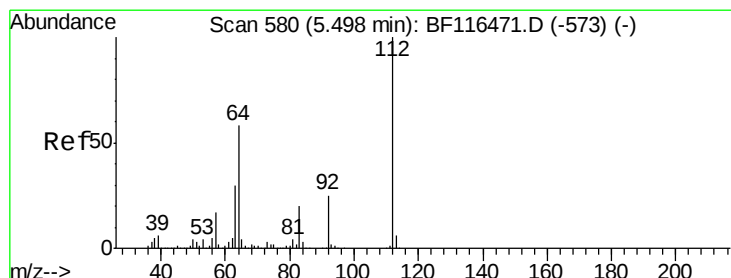
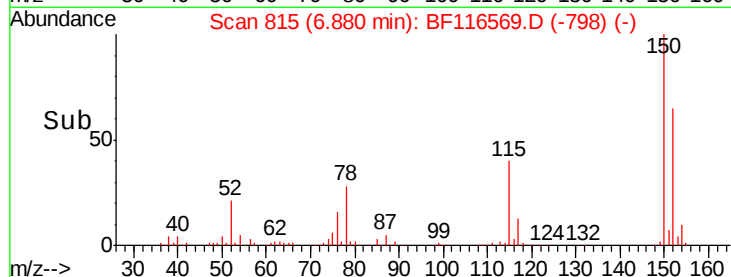
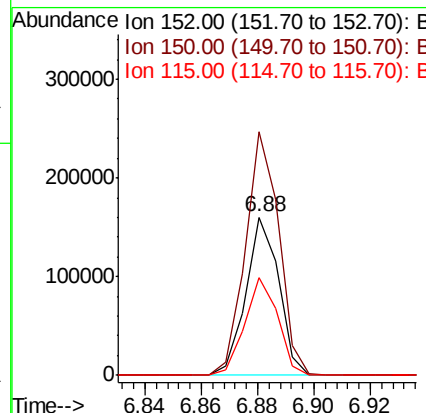
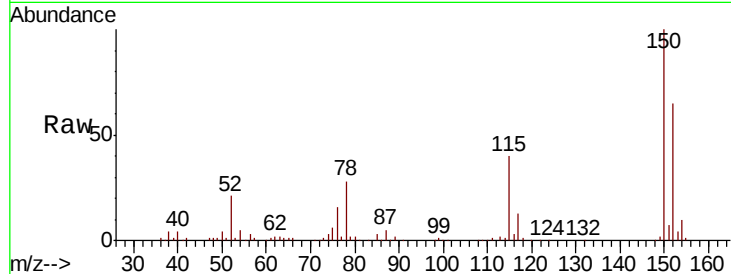


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116569.D
Acq: 26 Aug 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB122490BL

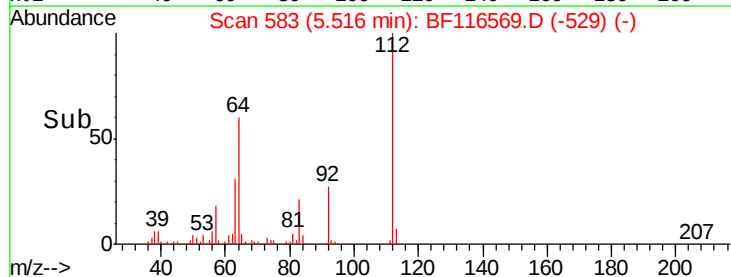
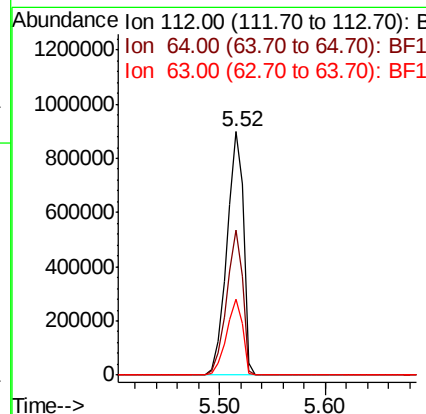
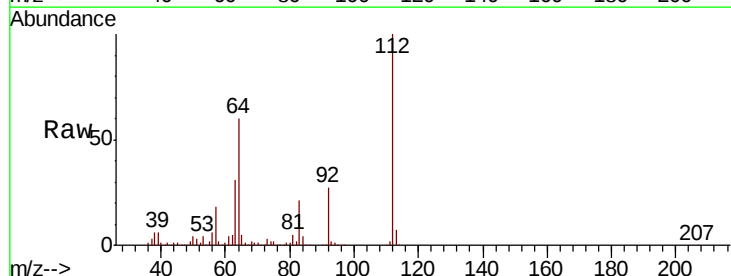
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.7	190.1
115	62.1	50.9	76.3

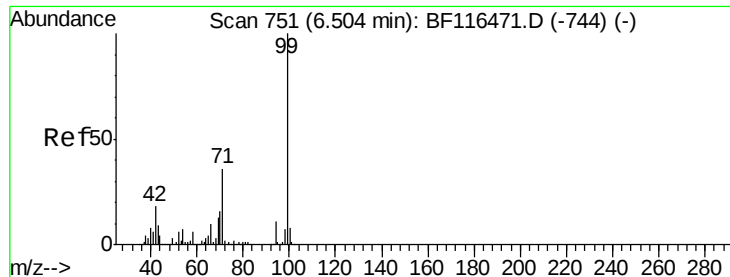


#5

2-Fluorophenol
Concen: 110.211 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116569.D
Acq: 26 Aug 2019 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.3	69.5
63	31.4	24.2	36.4





#7

Phenol-d6

Concen: 117.786 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116569.D

Acq: 26 Aug 2019 12:45

Instrument :

BNA_F

ClientSampleId :

PB122490BL

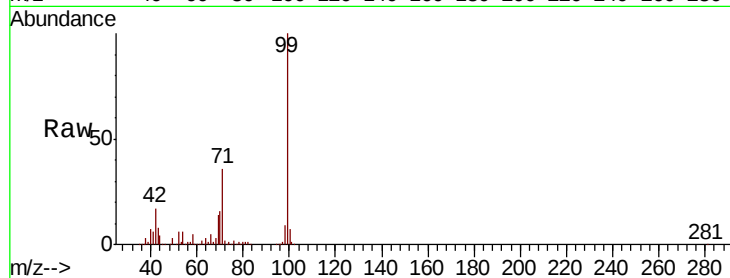
Tot Ion: 99 Resp: 1282033

Ion Ratio Lower Upper

99 100

42 16.8 14.6 21.8

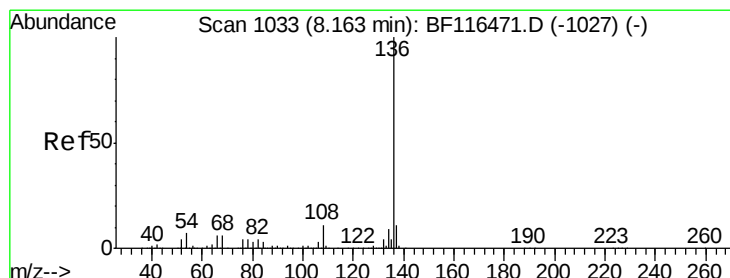
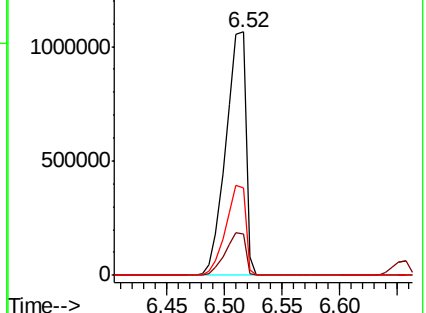
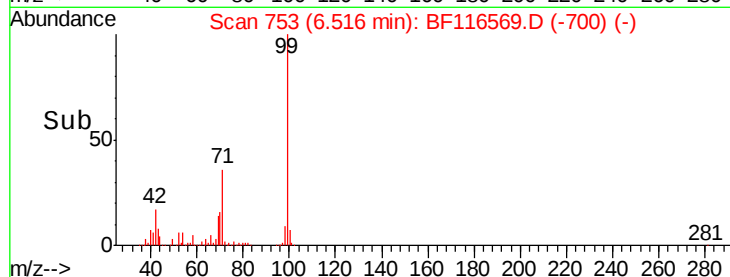
71 36.0 28.5 42.7



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: BF116569.D

Acq: 26 Aug 2019 12:45

Tgt Ion: 136 Resp: 506133

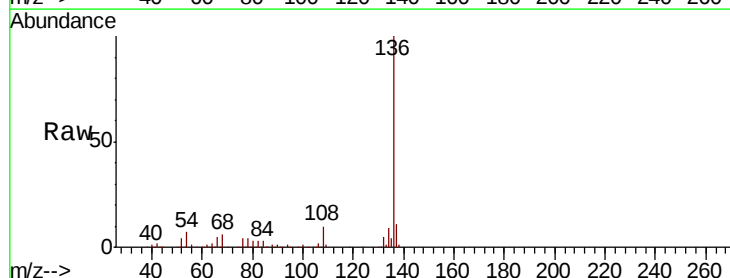
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.5 5.8 8.6

68 5.9 5.1 7.7

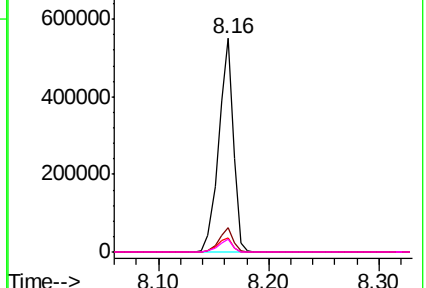
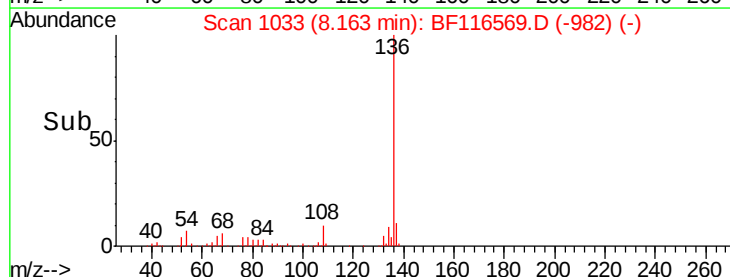


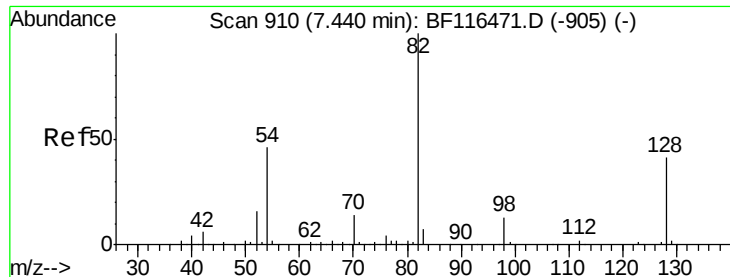
Abundance Ion 136.00 (135.70 to 136.70): E

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

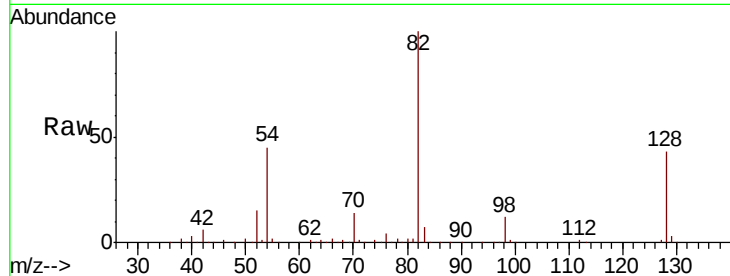




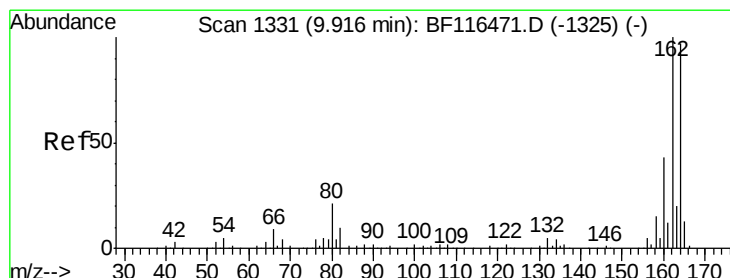
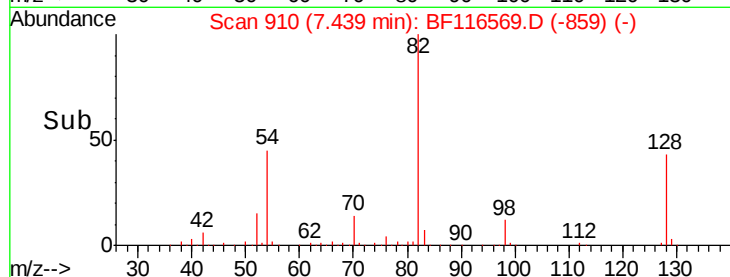
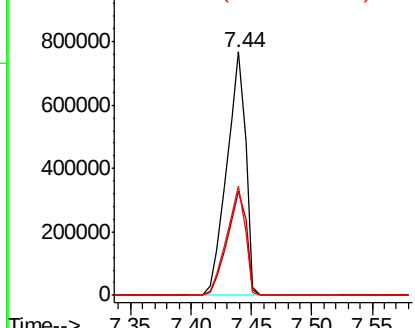
#23
 Nitrobenzene-d5
 Concen: 90.333 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116569.D
 Acq: 26 Aug 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB122490BL

Tot Ion	82	Resp	835689
Ion Ratio	100	Lower	Upper
128	42.8	32.2	48.4
54	44.7	36.5	54.7

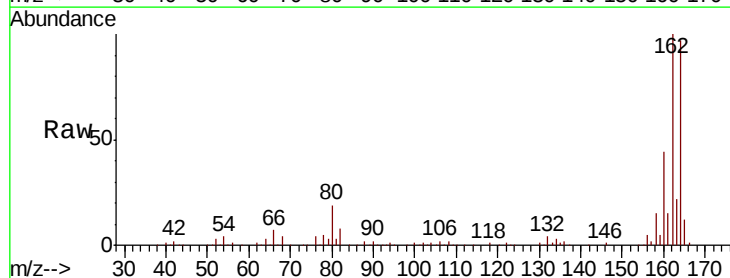


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

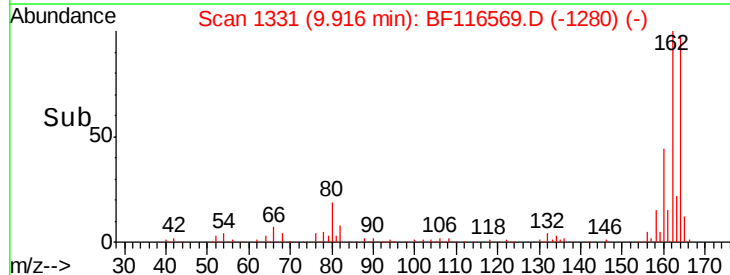
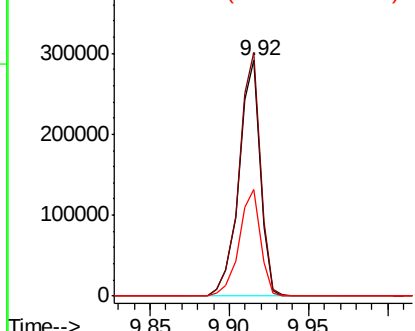


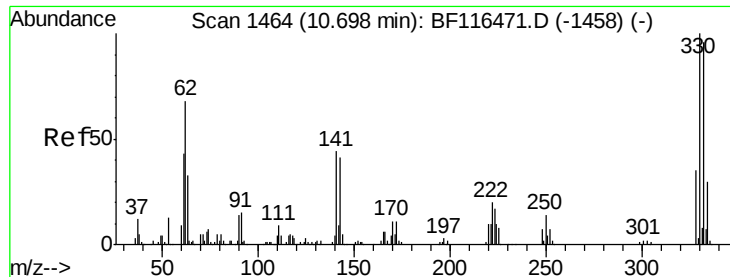
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116569.D
 Acq: 26 Aug 2019 12:45

Tgt Ion	164	Resp	271182
Ion Ratio	100	Lower	Upper
162	103.4	82.6	123.8
160	45.3	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

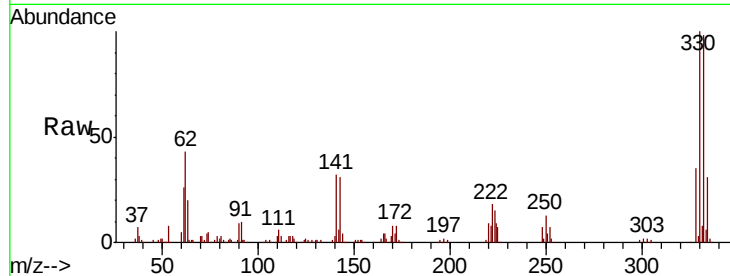




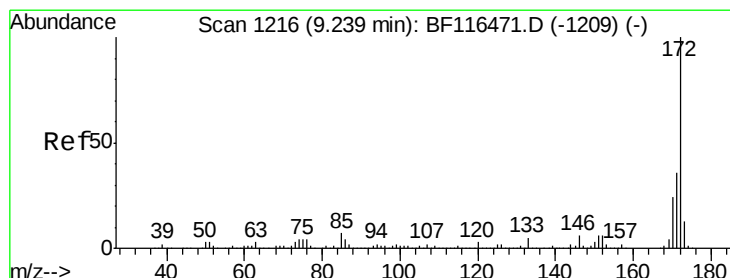
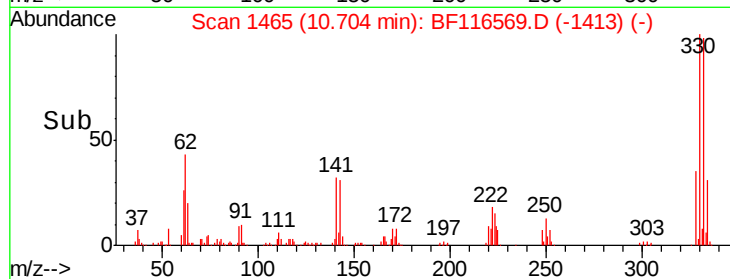
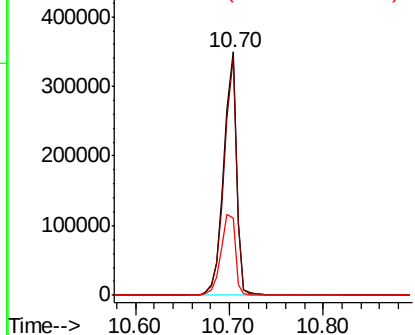
#42
 2,4,6-Tribromophenol
 Concen: 143.912 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF116569.D
 Acq: 26 Aug 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB122490BL

Tot Ion:330 Resp: 335109
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 37.3 33.3 49.9

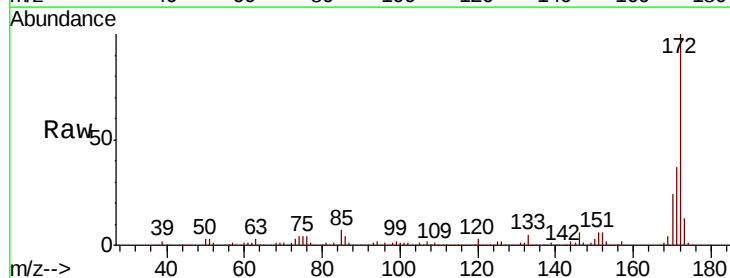


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

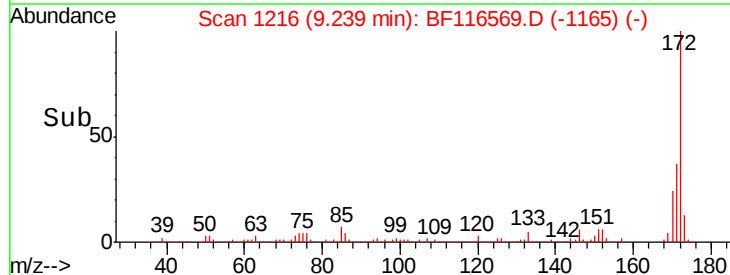
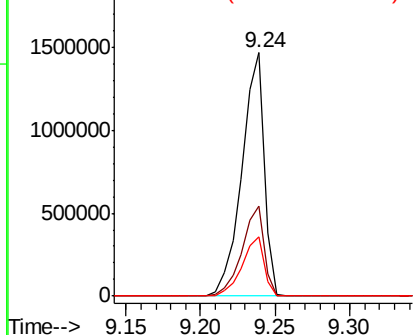


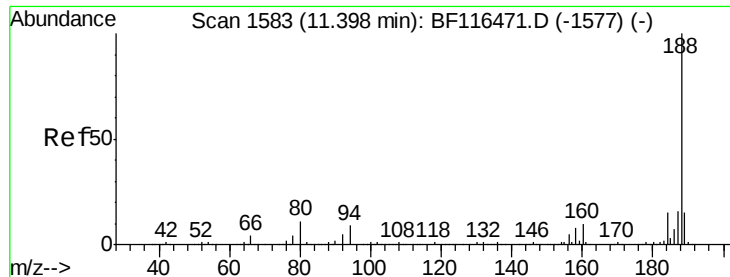
#45
 2-Fluorobiphenyl
 Concen: 90.850 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116569.D
 Acq: 26 Aug 2019 12:45

Tgt Ion:172 Resp: 1529860
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.1 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

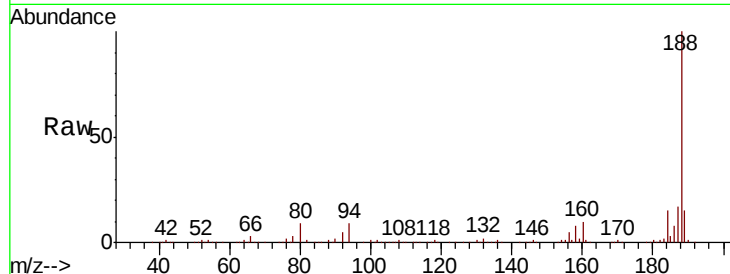




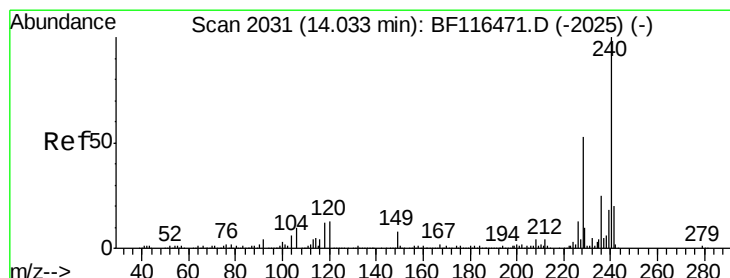
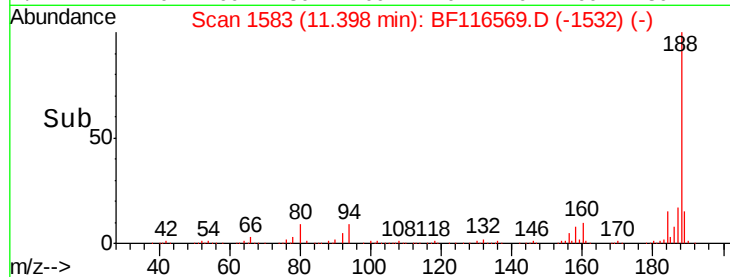
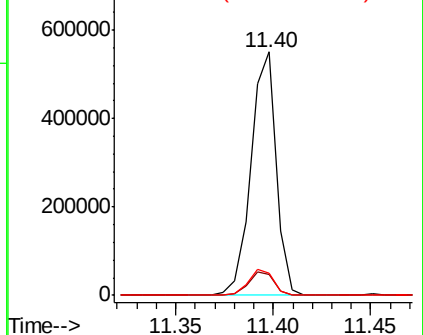
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116569.D
Acq: 26 Aug 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB122490BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.4	8.6	12.8

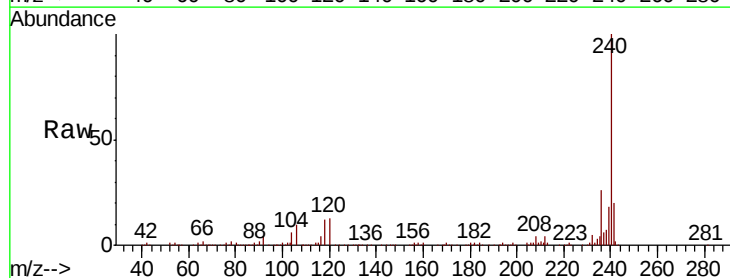


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

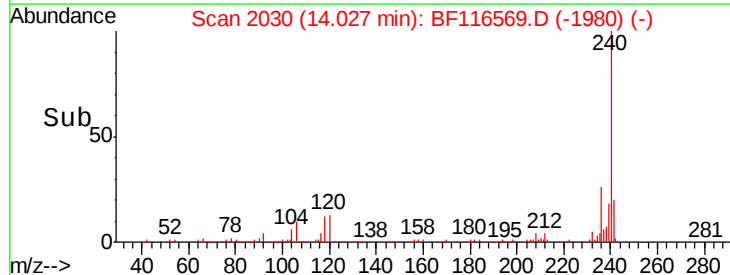
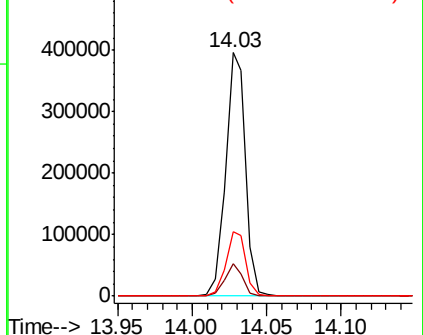


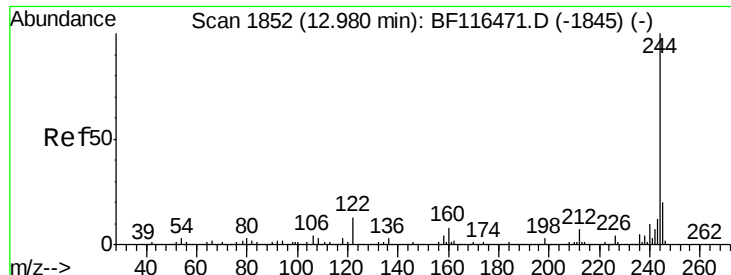
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116569.D
Acq: 26 Aug 2019 12:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.5	15.7
236	26.3	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: 88.138 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF116569.D

Acq: 26 Aug 2019 12:45

Instrument :

BNA_F

ClientSampleId :

PB122490BL

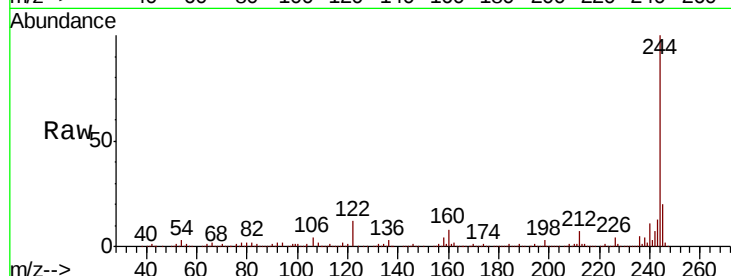
Tot Ion:244 Resp: 1757504

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

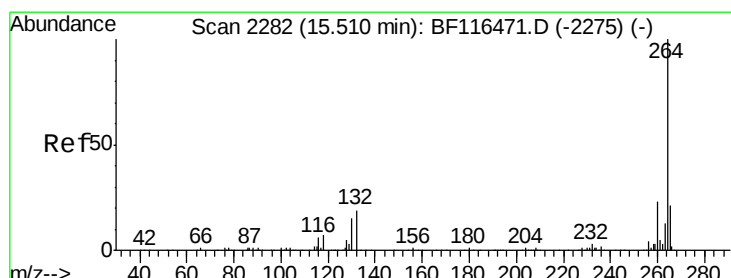
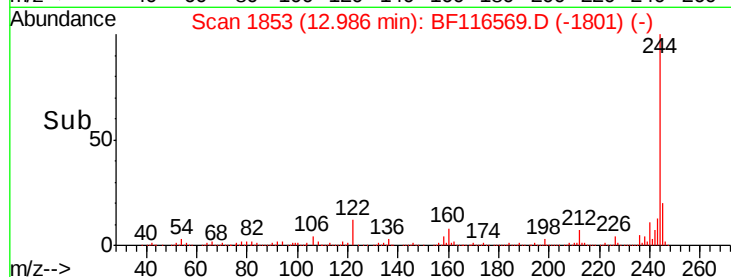
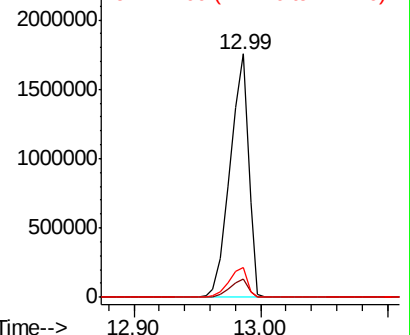
122 12.1 10.2 15.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116569.D

Acq: 26 Aug 2019 12:45

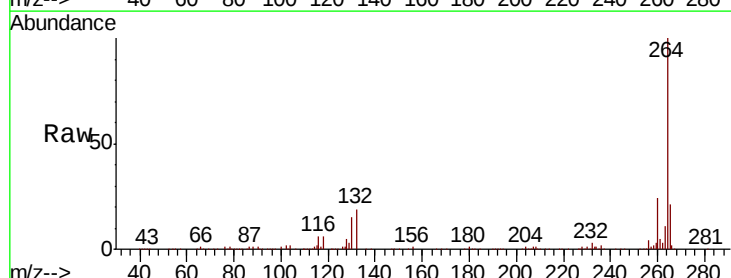
Tgt Ion:264 Resp: 339172

Ion Ratio Lower Upper

264 100

260 24.0 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

