

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118575.D
 Acq On : 17 Jan 2020 23:14
 Operator : JU
 Sample : PB126175BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BL

Quant Time: Jan 18 01:47:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	344574	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1253058	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	700117	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1325361	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1146569	20.00	ng	0.00
87) Perylene-d12	15.52	264	1184706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1034281	55.46	ng	0.00
7) Phenol-d6	6.50	99	823016	33.68	ng	-0.02
23) Nitrobenzene-d5	7.45	82	2148343	105.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	749087	96.79	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3881213	100.08	ng	0.00
79) Terphenyl-d14	13.00	244	5020270	86.47	ng	0.00

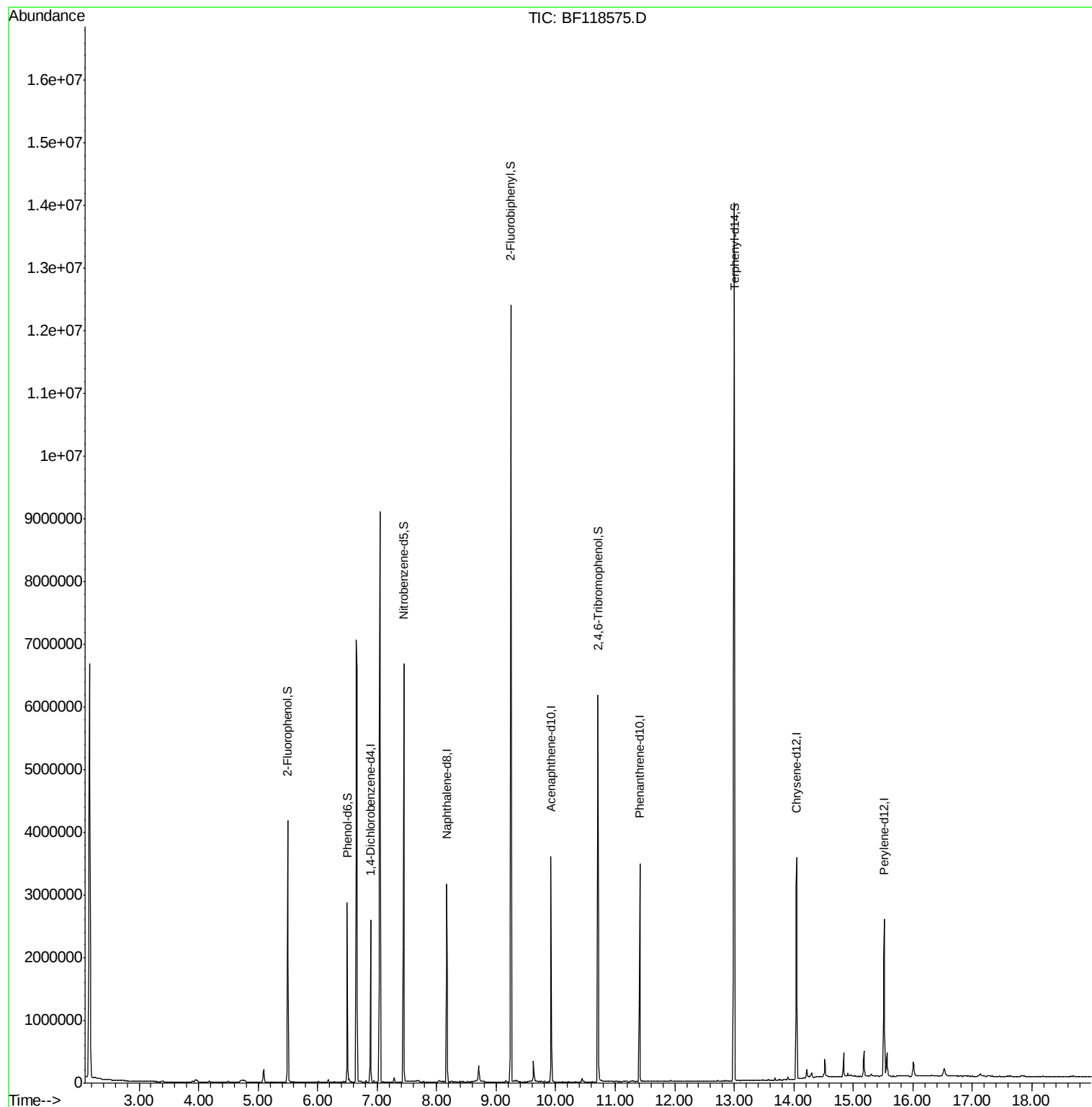
Target Compounds Qvalue

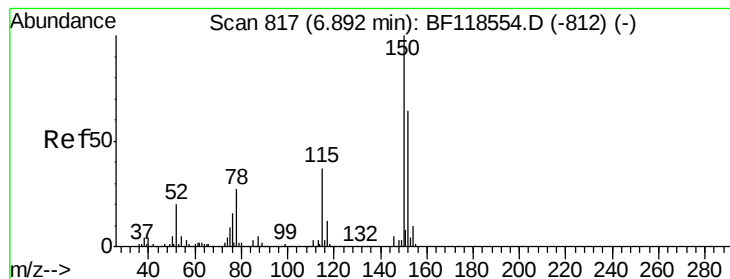
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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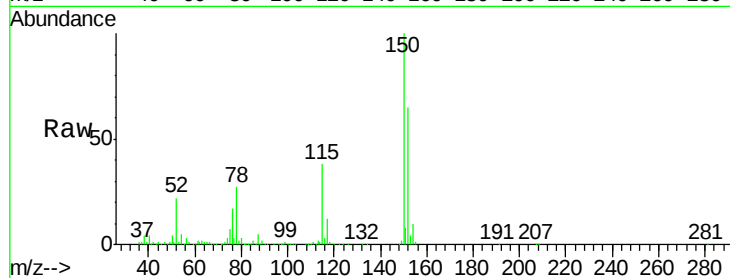


#1

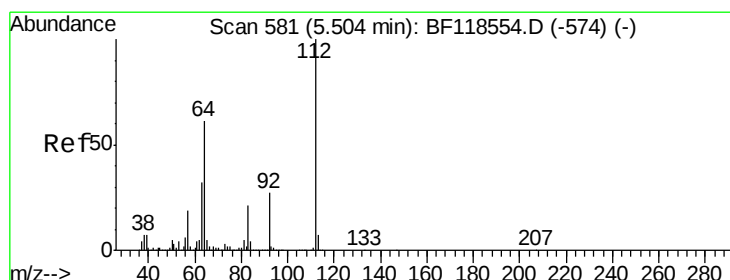
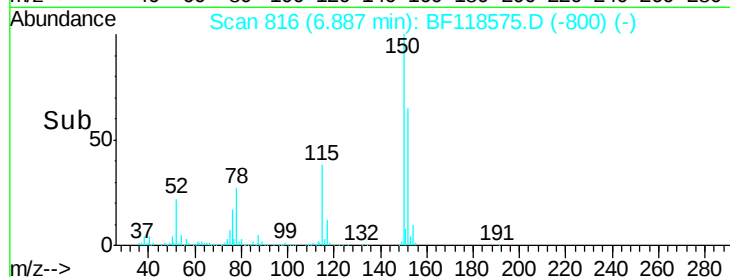
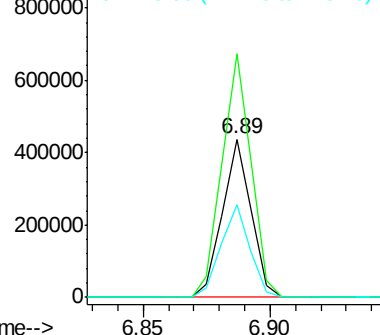
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118575.D
Acq: 17 Jan 2020 23:14

Instrument :
BNA_F
ClientSampleId :
PB126175BL

Tot Ion:152 Resp: 344574
Ion Ratio Lower Upper
152 100
150 154.0 124.9 187.3
115 58.8 45.8 68.6



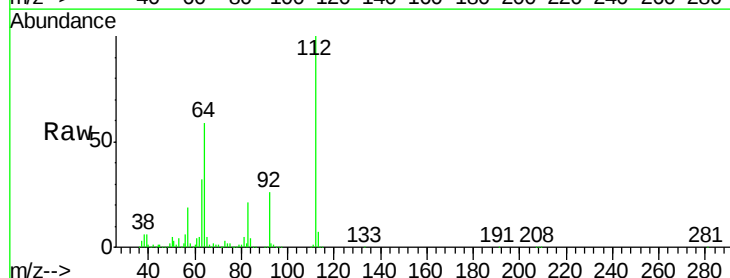
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



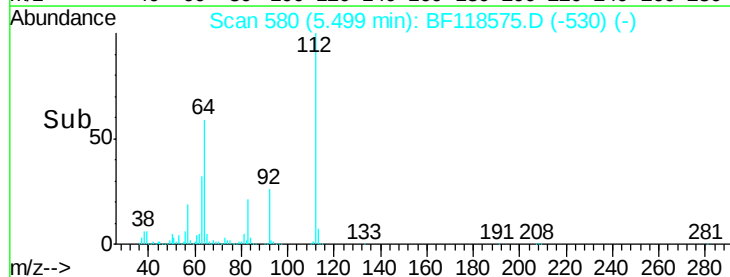
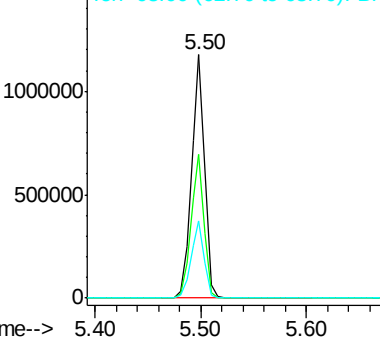
#5

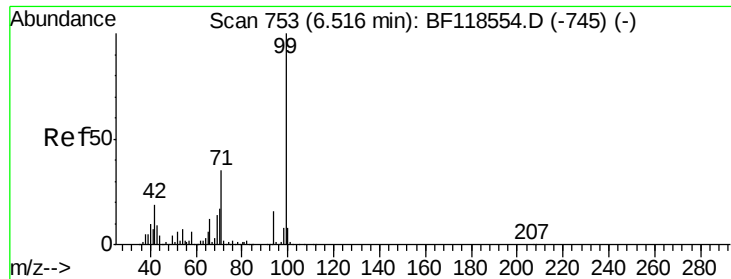
2-Fluorophenol
Concen: 55.462 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF118575.D
Acq: 17 Jan 2020 23:14

Tgt Ion:112 Resp: 1034281
Ion Ratio Lower Upper
112 100
64 59.2 49.1 73.7
63 31.8 25.8 38.8



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: 33.681 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118575.D

Acq: 17 Jan 2020 23:14

Instrument :

BNA_F

ClientSampleId :

PB126175BL

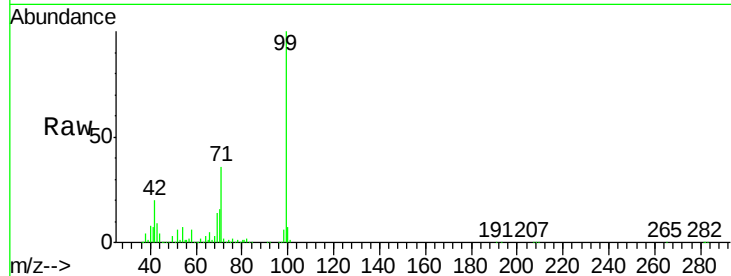
Tot Ion: 99 Resp: 823016

Ion Ratio Lower Upper

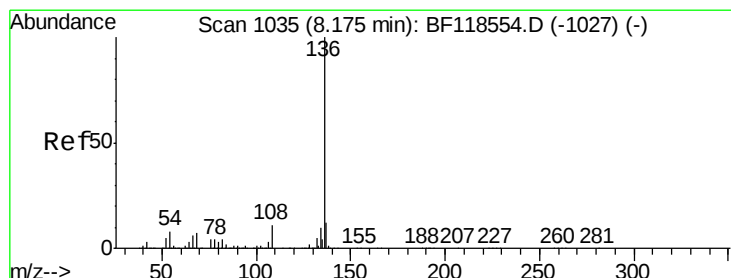
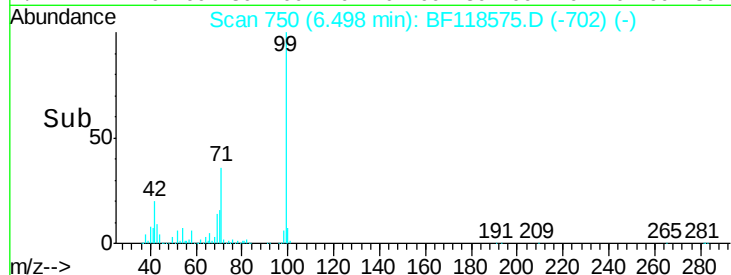
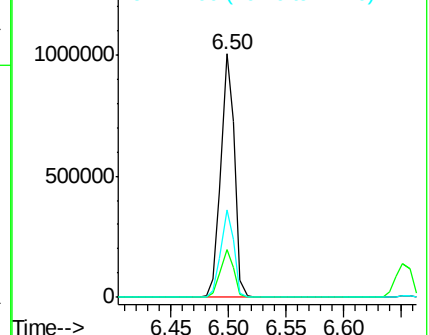
99 100

42 19.8 14.9 22.3

71 35.8 28.3 42.5



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118575.D

Acq: 17 Jan 2020 23:14

Tgt Ion: 136 Resp: 1253058

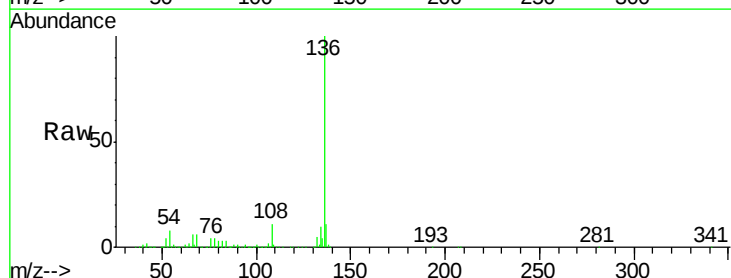
Ion Ratio Lower Upper

136 100

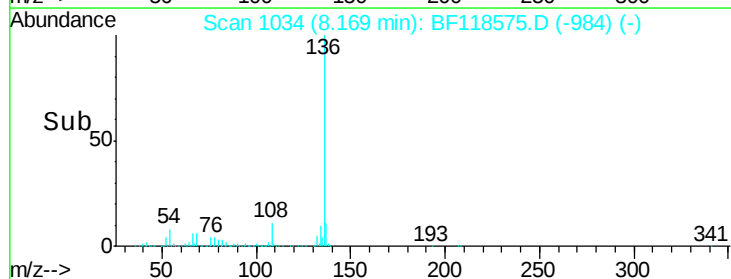
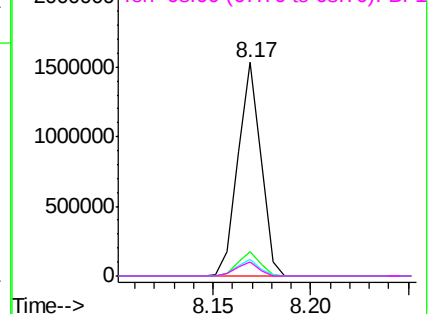
137 11.4 9.4 14.0

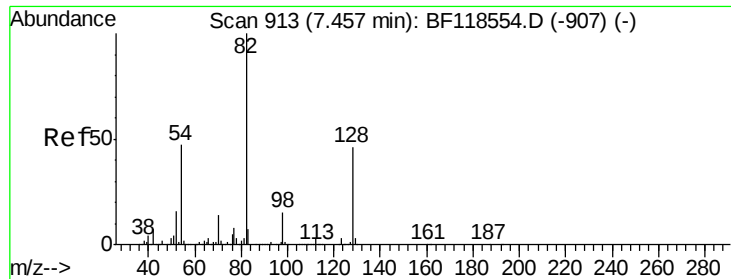
54 7.5 6.2 9.2

68 6.3 5.4 8.0



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

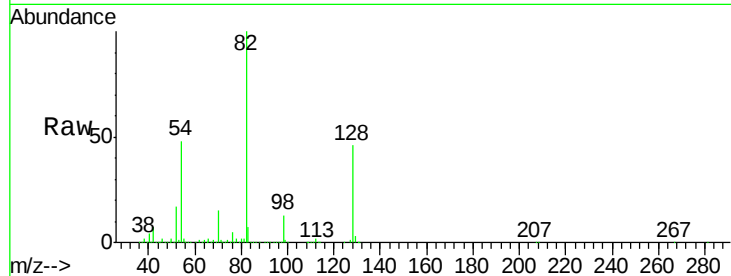




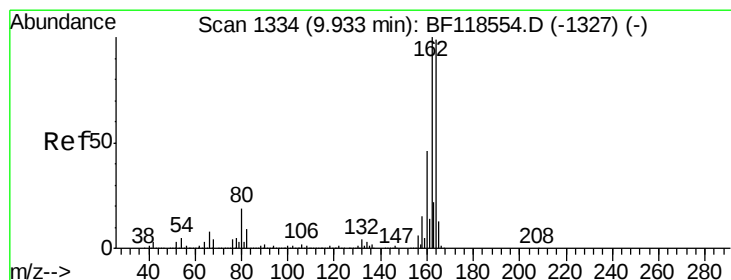
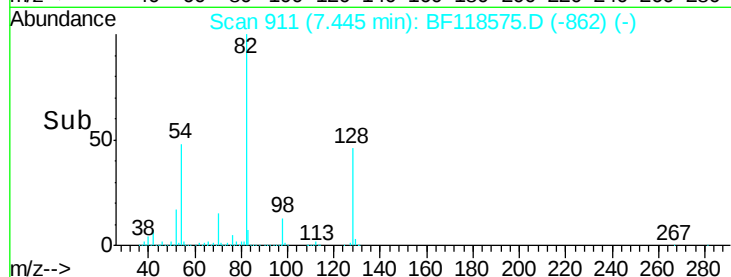
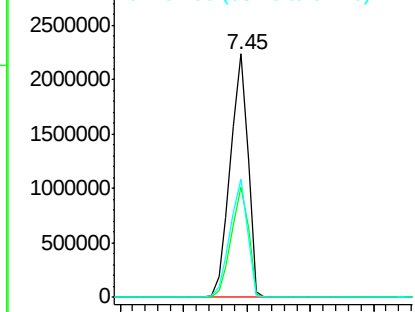
#23
 Nitrobenzene-d5
 Concen: 105.889 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118575.D
 Acq: 17 Jan 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BL

Tot Ion: 82 Resp: 2148343
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.0 55.4
 54 48.5 37.4 56.0

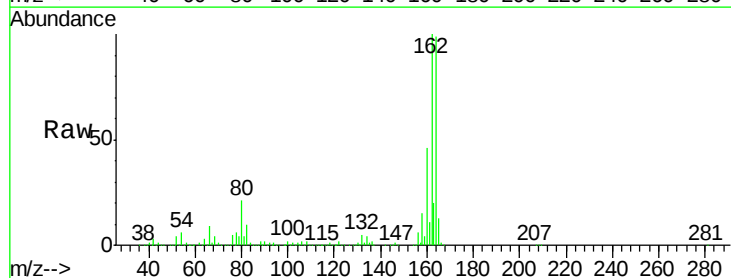


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

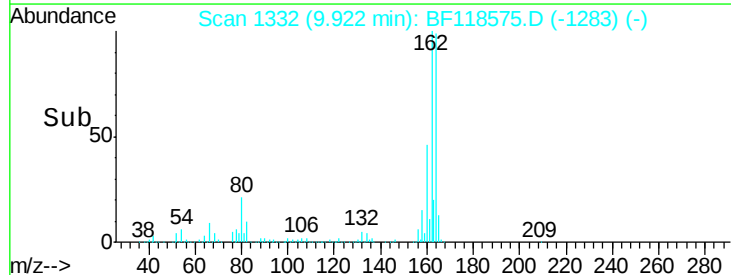
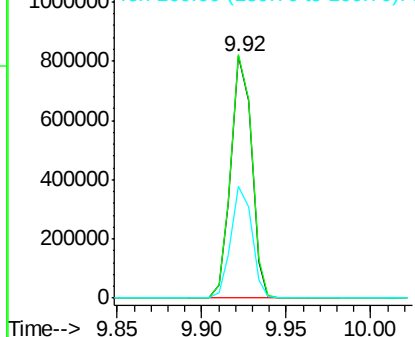


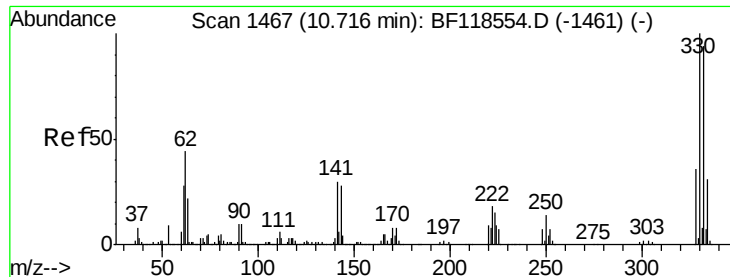
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118575.D
 Acq: 17 Jan 2020 23:14

Tgt Ion:164 Resp: 700117
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.6 120.8
 160 46.0 36.7 55.1



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

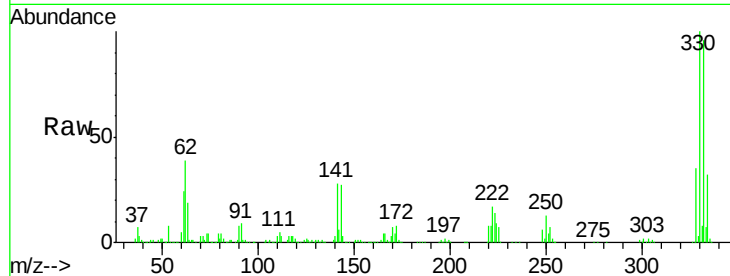




#42
 2,4,6-Tribromophenol
 Concen: 96.786 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118575.D
 Acq: 17 Jan 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.4	114.6
141	30.6	23.4	35.2

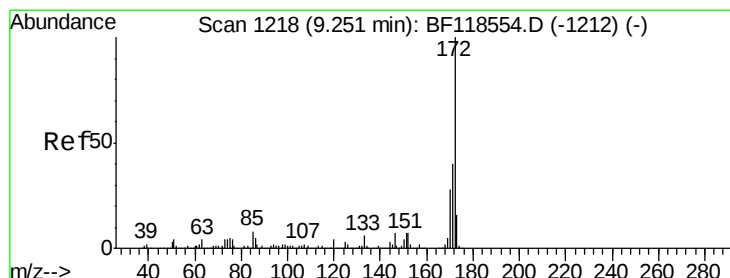
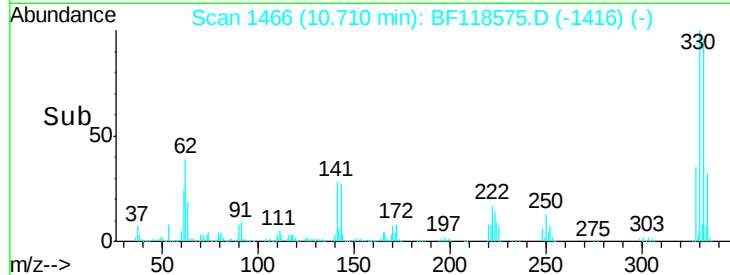
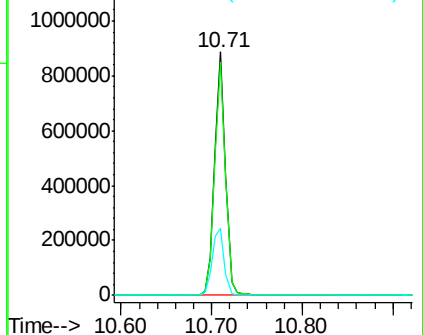


Abundance

Ion 329.80 (329.50 to 330.50): E

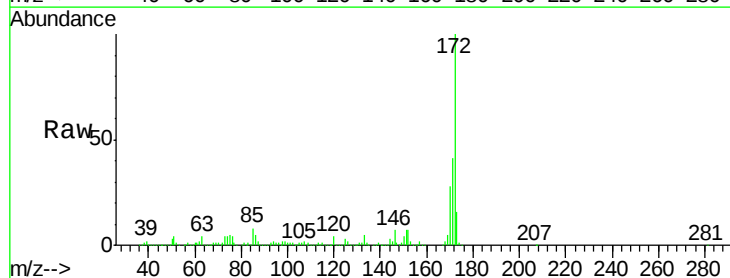
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.080 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF118575.D
 Acq: 17 Jan 2020 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.4	48.6
170	27.9	22.5	33.7

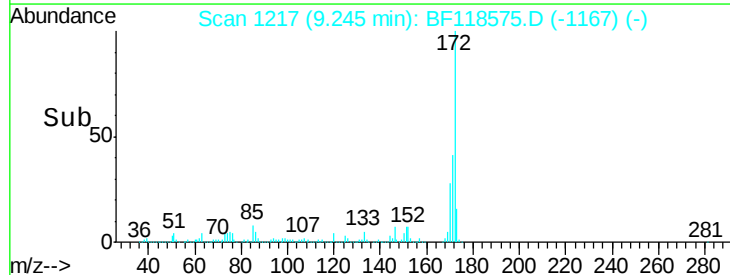
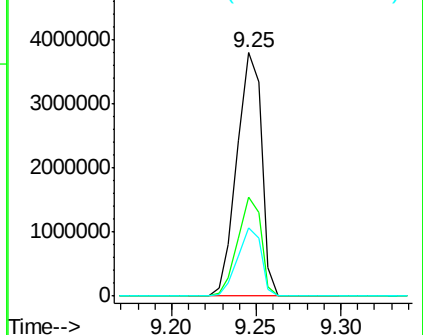


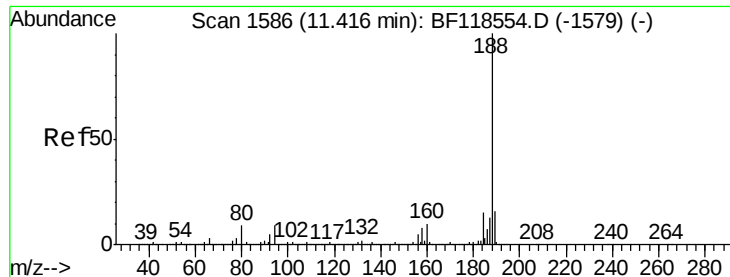
Abundance

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

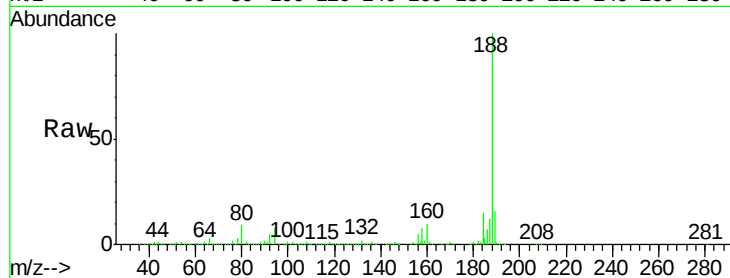




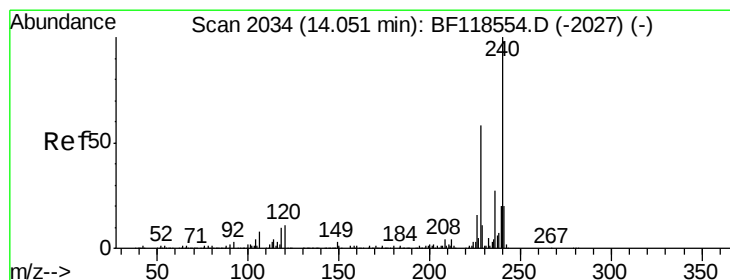
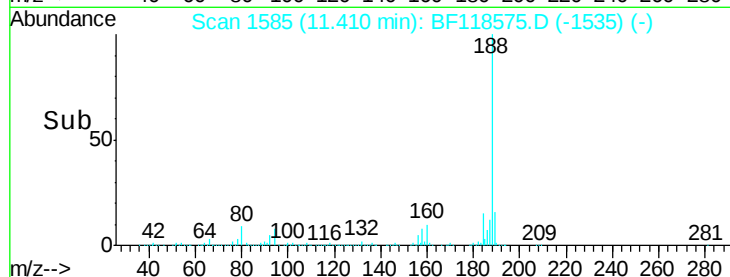
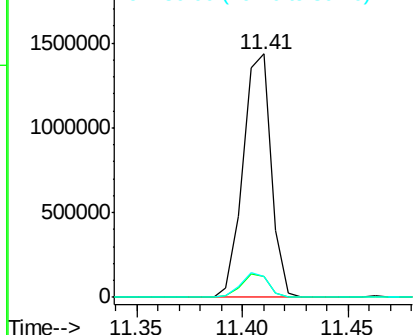
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118575.D
Acq: 17 Jan 2020 23:14

Instrument :
BNA_F
ClientSampleId :
PB126175BL

Tot Ion:188 Resp: 1325361
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 8.8 7.4 11.2

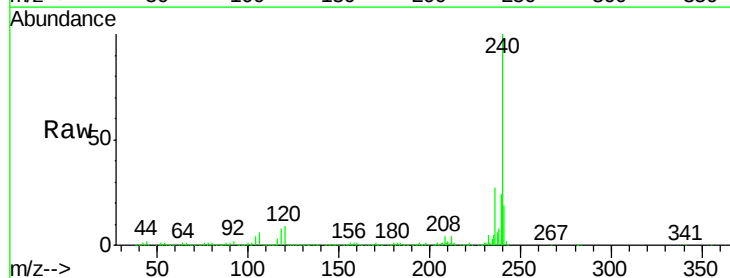


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

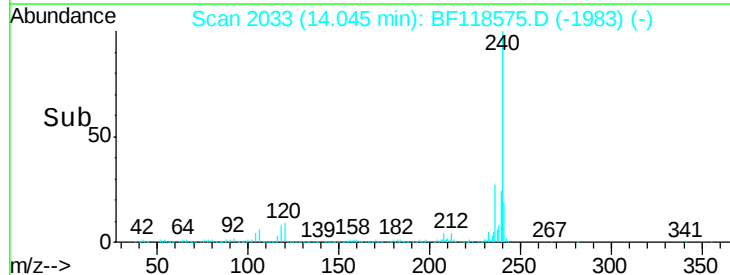
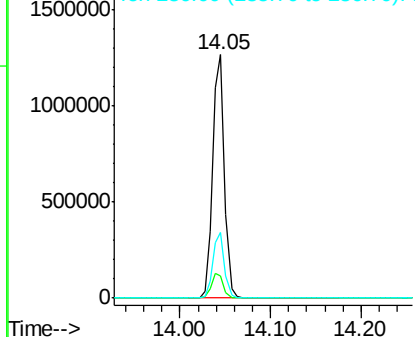


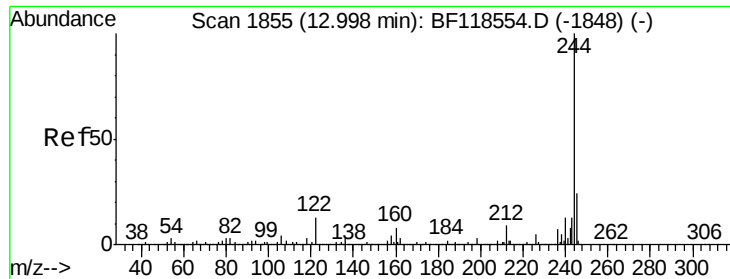
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118575.D
Acq: 17 Jan 2020 23:14

Tgt Ion:240 Resp: 1146569
Ion Ratio Lower Upper
240 100
120 9.2 8.7 13.1
236 26.9 21.8 32.8



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: 86.473 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118575.D

Acq: 17 Jan 2020 23:14

Instrument :

BNA_F

ClientSampleId :

PB126175BL

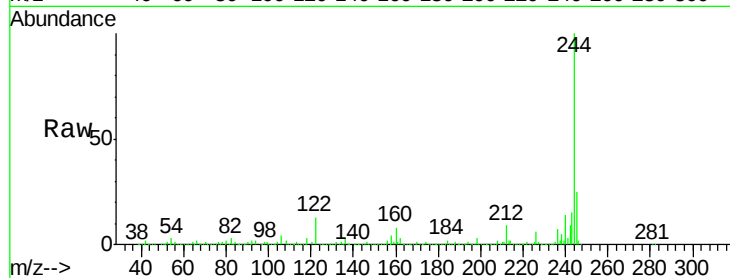
Tot Ion:244 Resp: 5020270

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

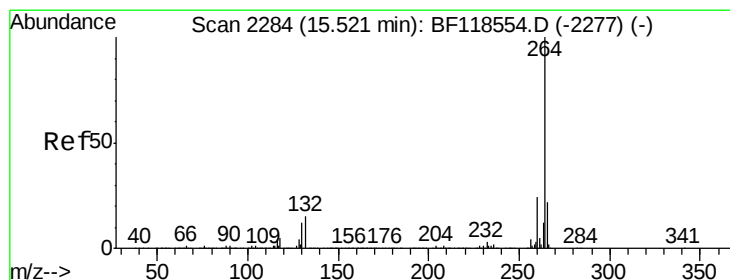
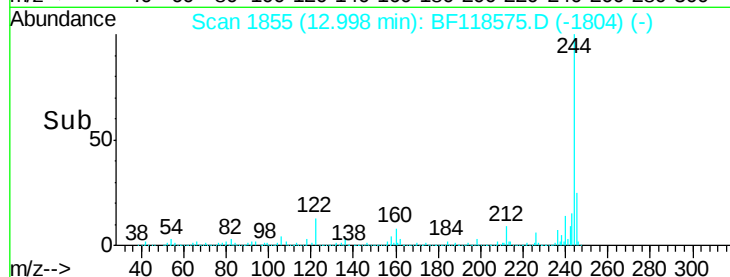
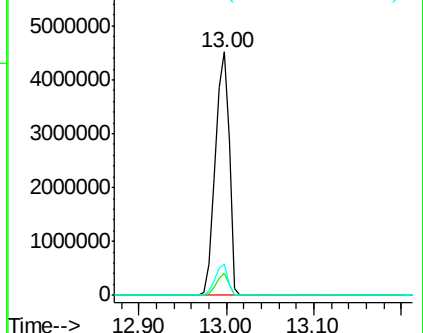
122 12.8 10.4 15.6



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF118575.D

Acq: 17 Jan 2020 23:14

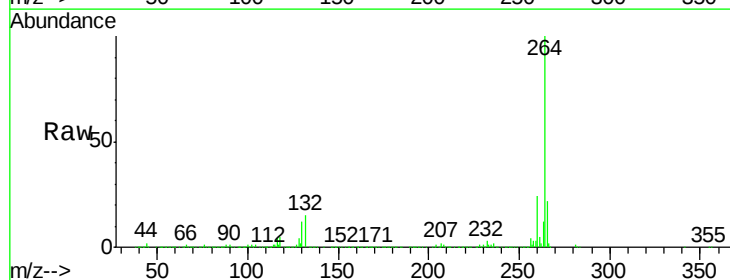
Tgt Ion:264 Resp: 1184706

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.4 17.6 26.4



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

