

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118571.D
 Acq On : 17 Jan 2020 21:22
 Operator : JU
 Sample : L1012-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-011620

Quant Time: Jan 18 01:39:52 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	322841	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1176270	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	658750	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1234906	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1111723	20.00	ng	0.00
87) Perylene-d12	15.52	264	1169929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2543659	145.58	ng	0.01
7) Phenol-d6	6.52	99	3062141	133.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	2060967	108.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1180122	162.05	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3796107	104.03	ng	0.00
79) Terphenyl-d14	13.00	244	5042637	89.58	ng	0.00

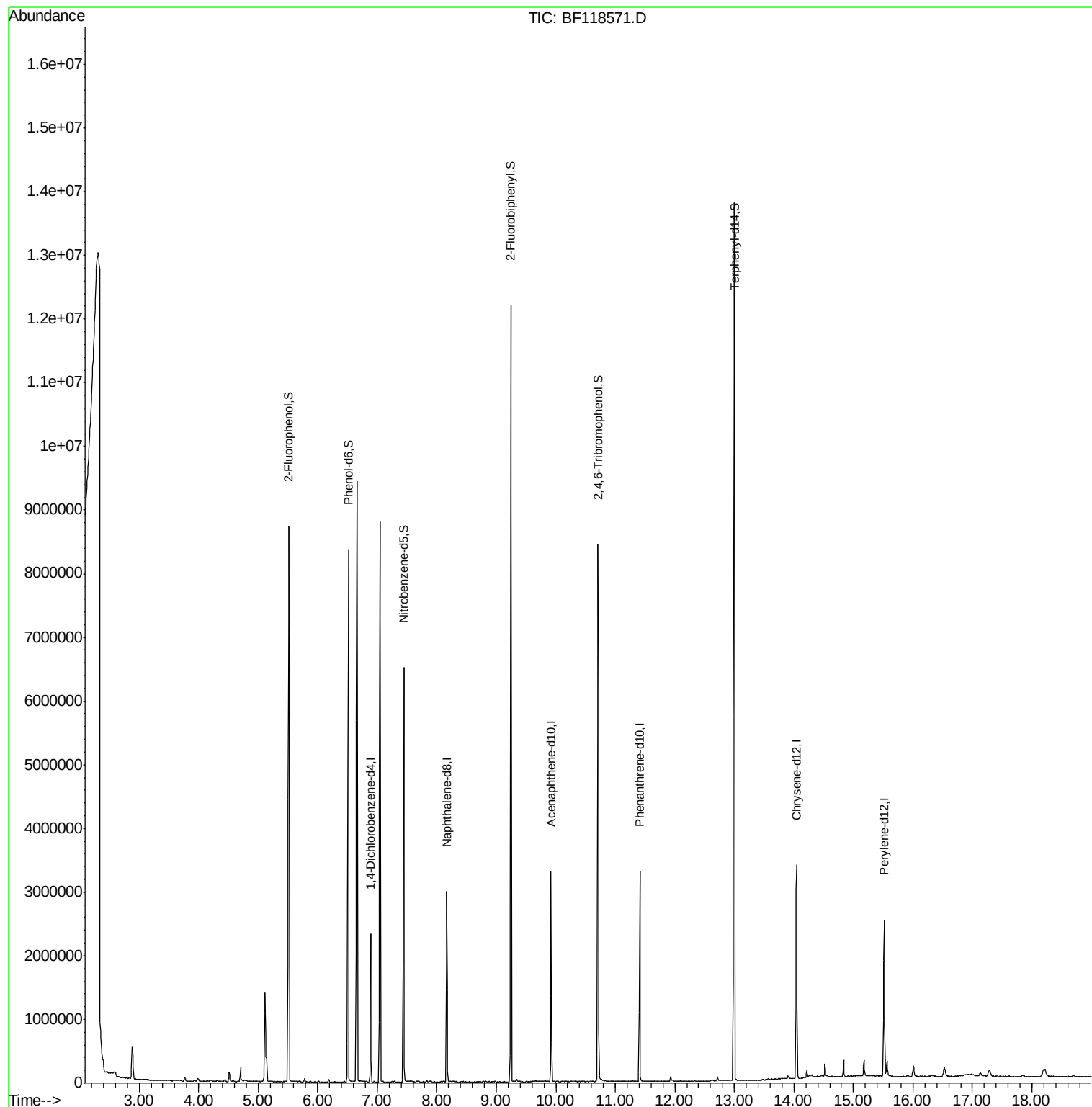
Target Compounds Qvalue

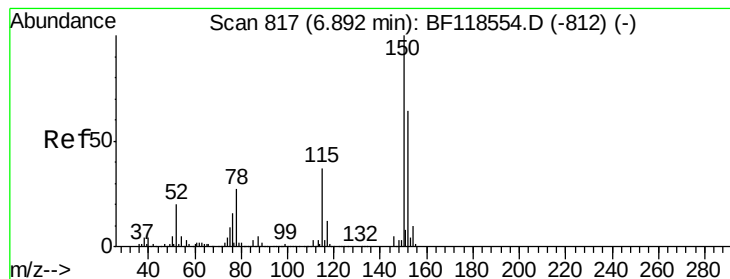
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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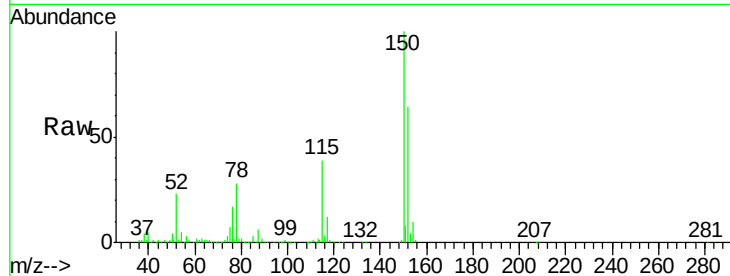


#1

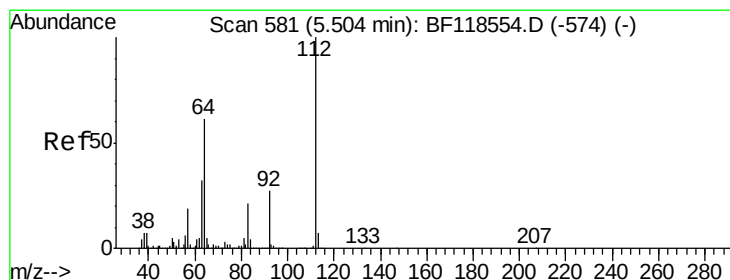
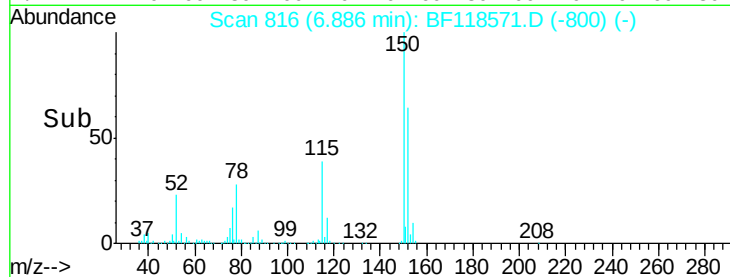
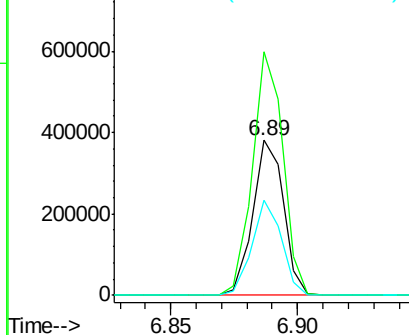
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	60.9	45.8	68.6



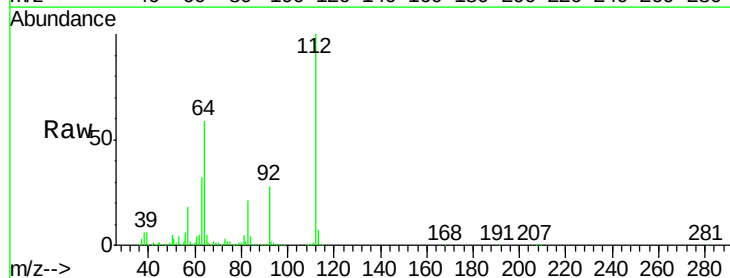
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



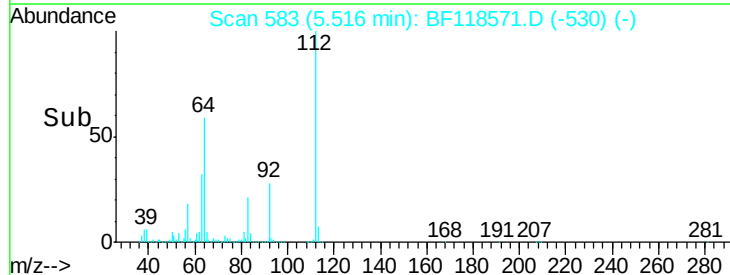
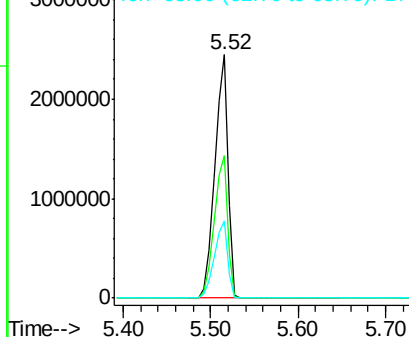
#5

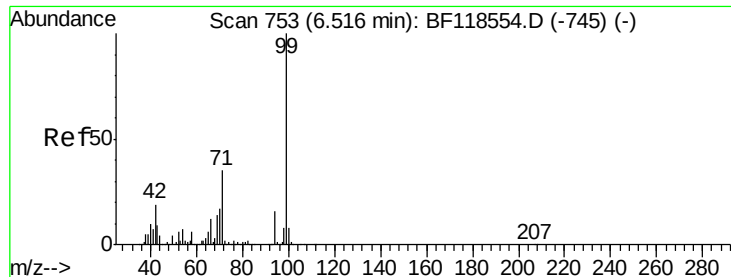
2-Fluorophenol
Concen: 145.582 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	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: 133.752 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

Instrument :

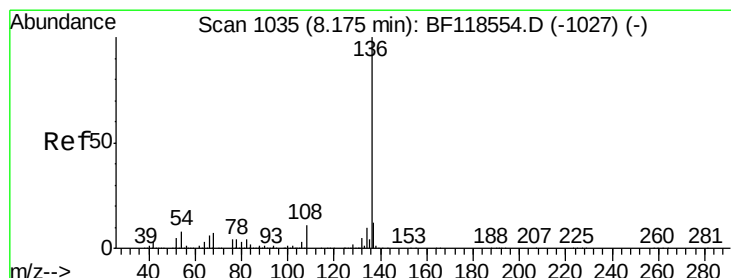
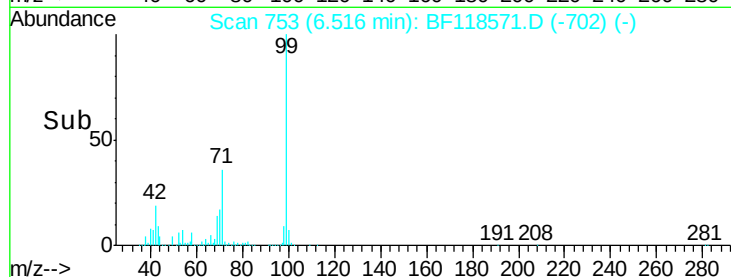
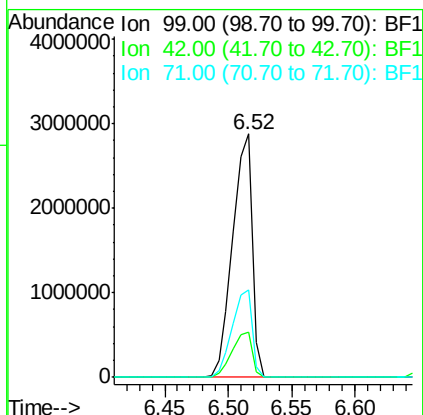
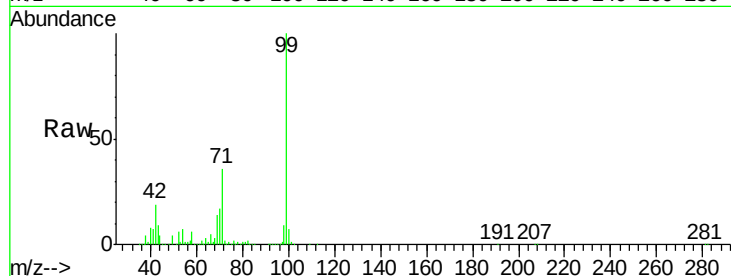
BNA_F

ClientSampleId :

EO-02-011620

Tot Ion: 99 Resp: 3062141

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	36.1	28.3	42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

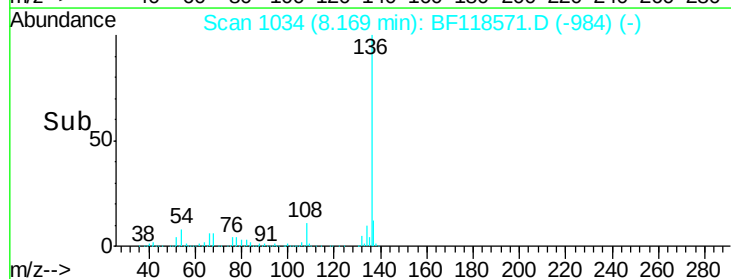
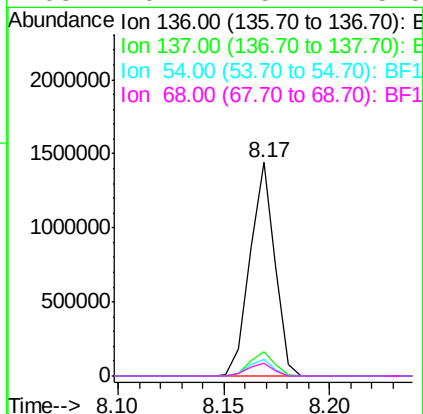
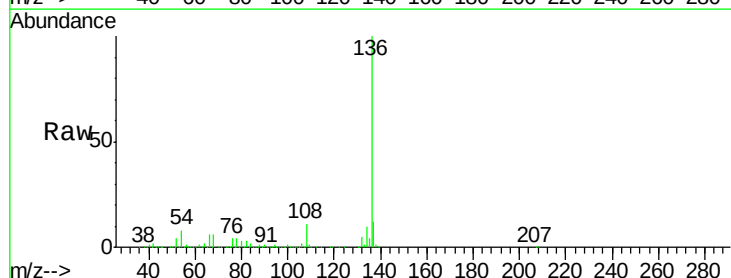
Delta R.T. -0.01 min

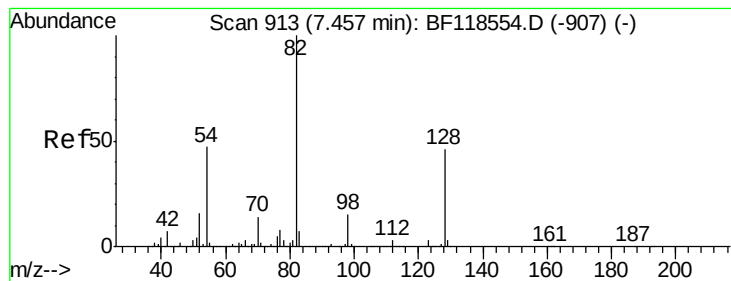
Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

Tgt Ion: 136 Resp: 1176270

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	7.7	6.2	9.2
68	6.1	5.4	8.0





#23

Nitrobenzene-d5

Concen: 108.214 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

Instrument :

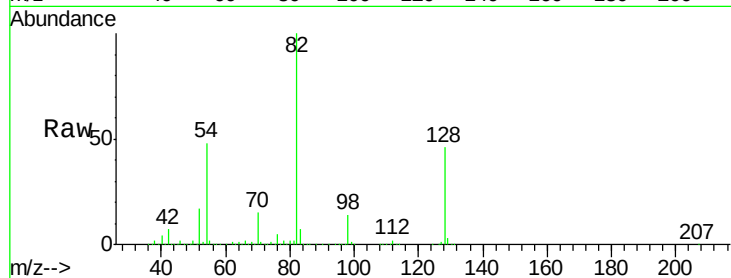
BNA_F

ClientSampleId :

EO-02-011620

Tot Ion: 82 Resp: 2060967

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.0	55.4
54	48.4	37.4	56.0

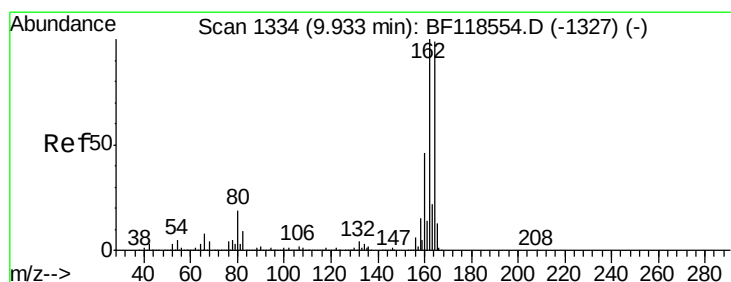
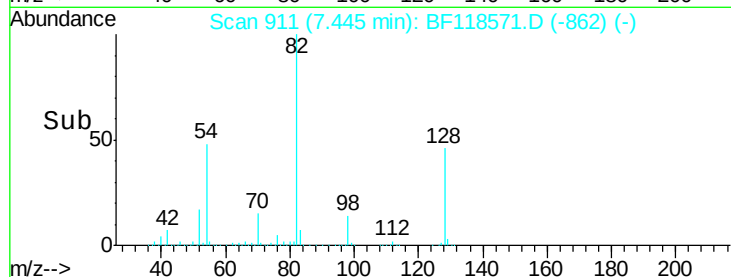
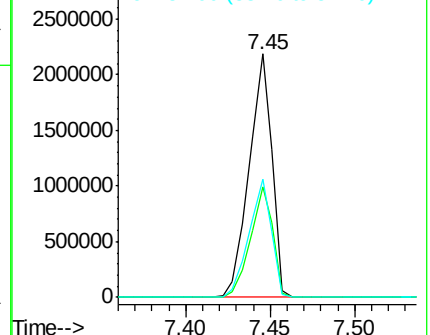


Abundance

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# 1332

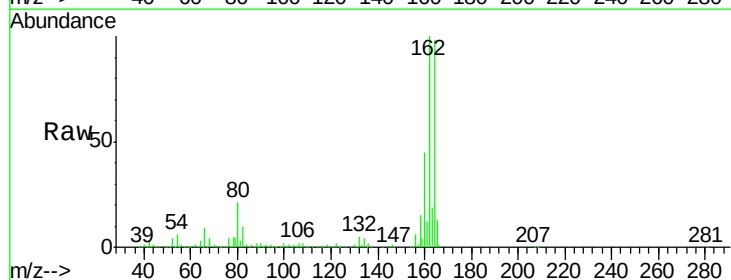
Delta R.T. -0.01 min

Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

Tgt Ion:164 Resp: 658750

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.2	36.7	55.1

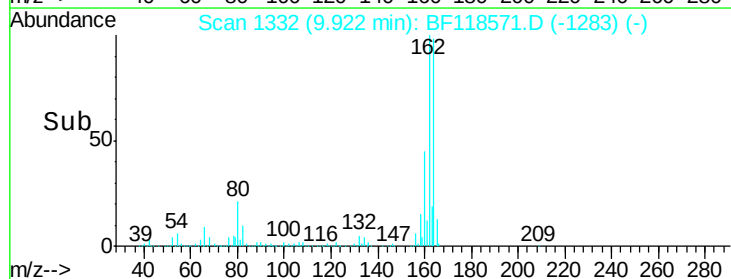
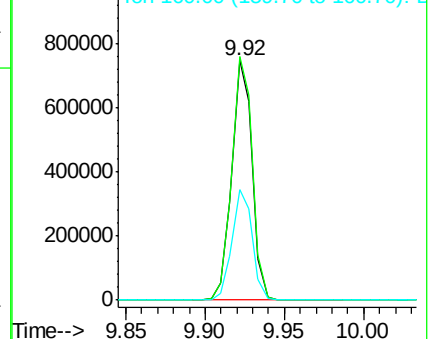


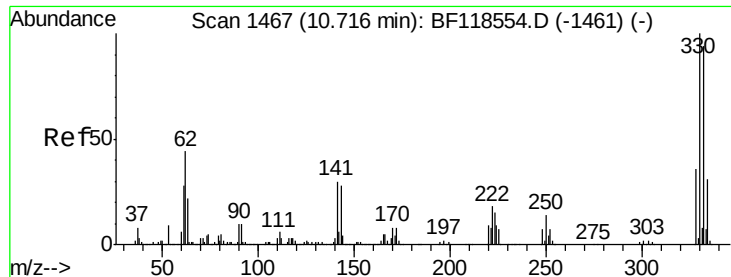
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 162.053 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

Instrument :

BNA_F

ClientSampleId :

EO-02-011620

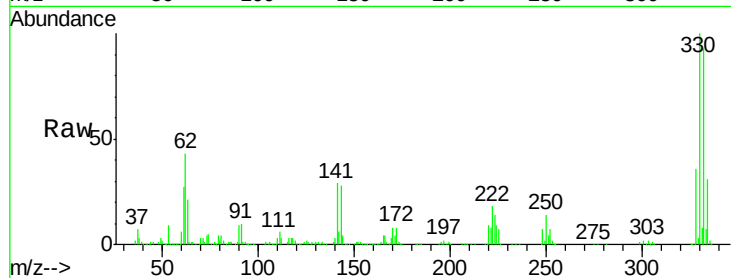
Tot Ion:330 Resp: 1180122

Ion Ratio Lower Upper

330 100

332 95.1 76.4 114.6

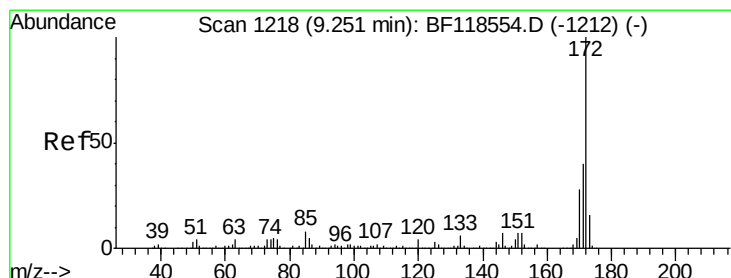
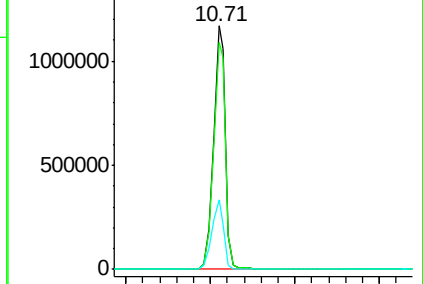
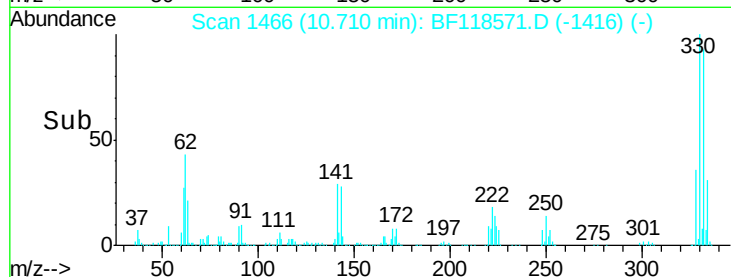
141 28.6 23.4 35.2



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: 104.032 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

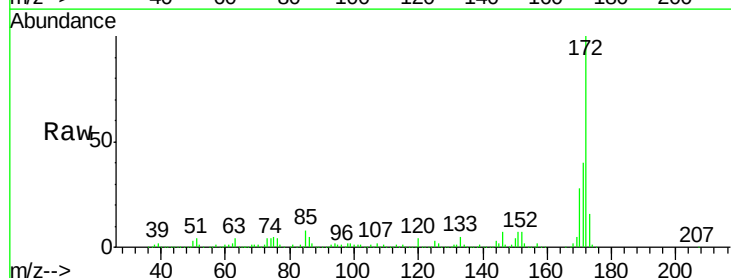
Tgt Ion:172 Resp: 3796107

Ion Ratio Lower Upper

172 100

171 40.5 32.4 48.6

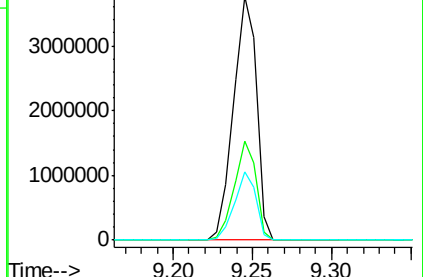
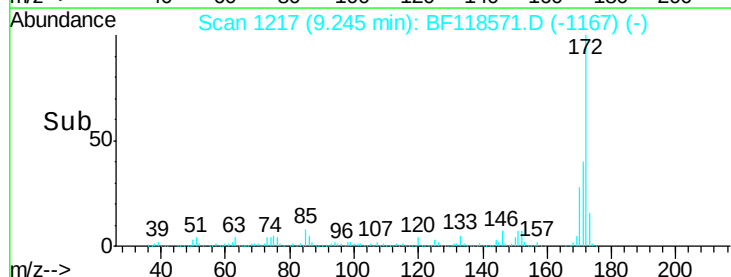
170 28.0 22.5 33.7

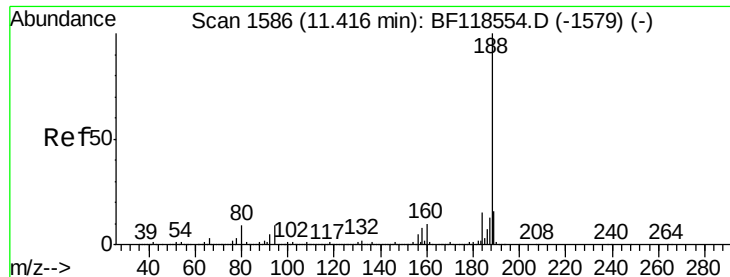


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

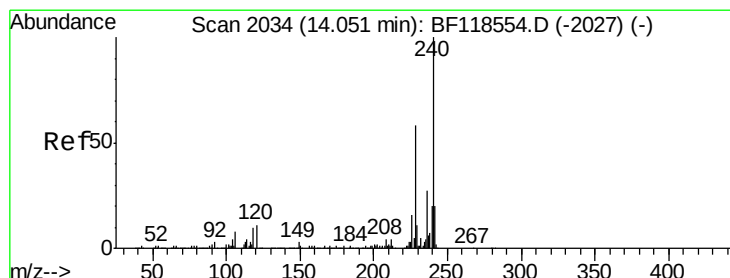
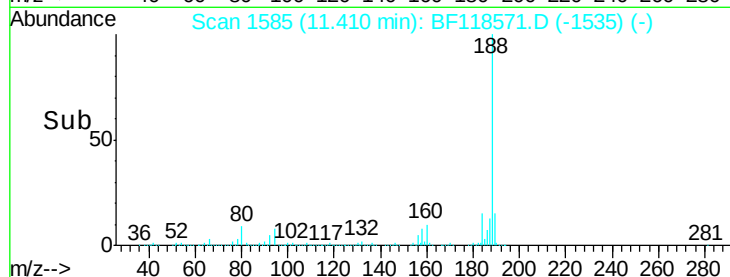
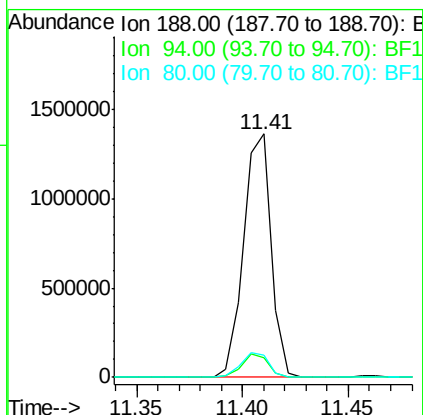
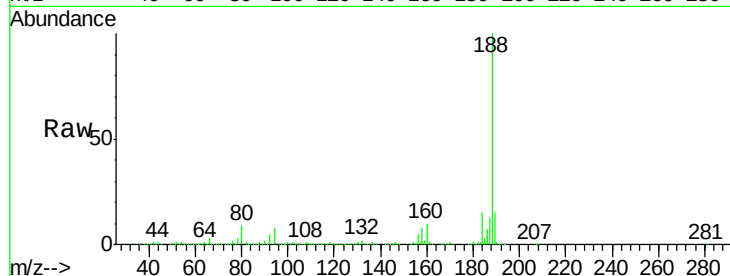




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

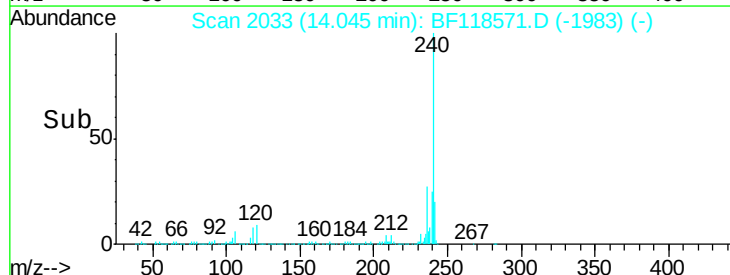
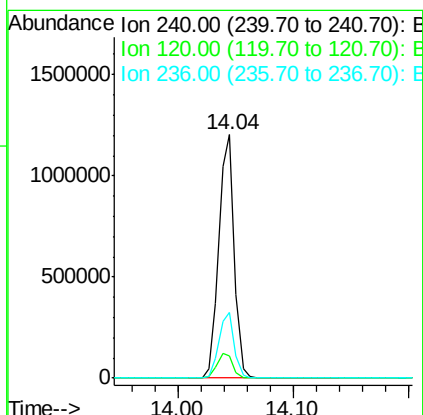
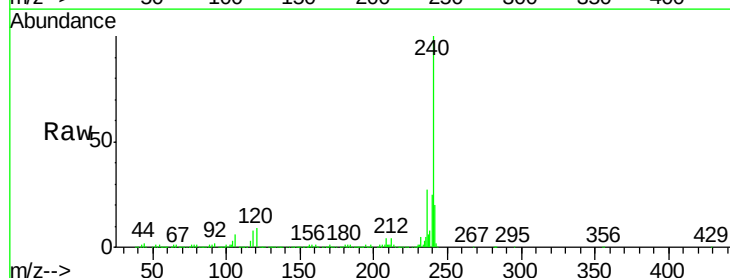
Instrument :
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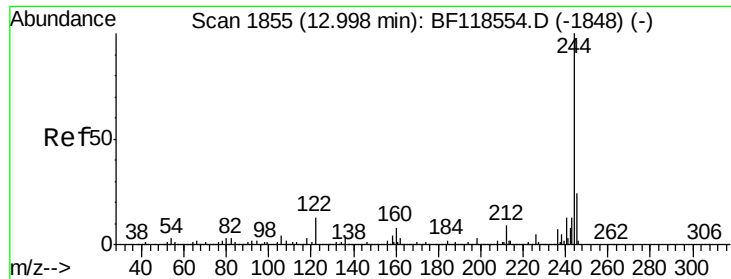
Tot Ion:188 Resp: 1234906
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:240 Resp: 1111723
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 26.8 21.8 32.8





#79

Terphenyl-d14

Concen: 89.580 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118571.D

Acq: 17 Jan 2020 21:22

Instrument :

BNA_F

ClientSampleId :

EO-02-011620

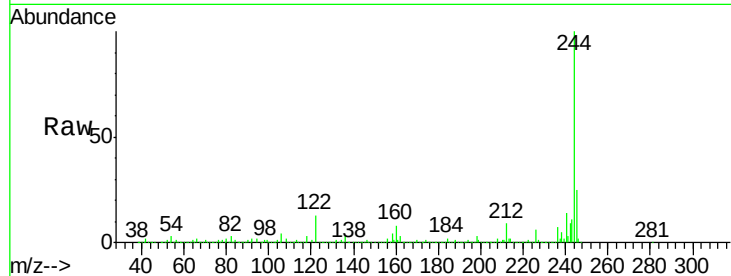
Tot Ion:244 Resp: 5042637

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

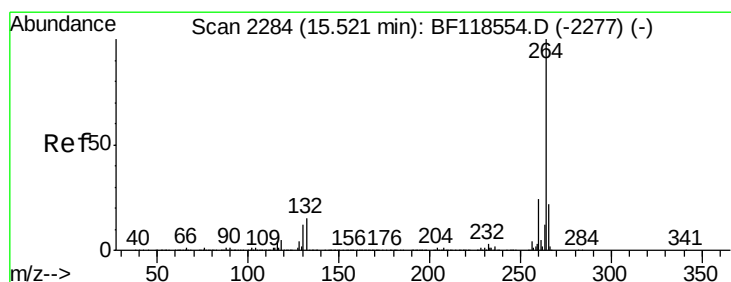
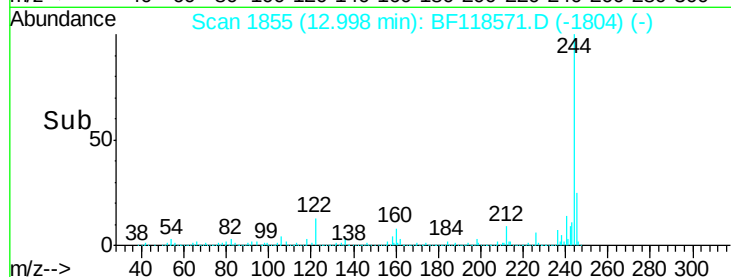
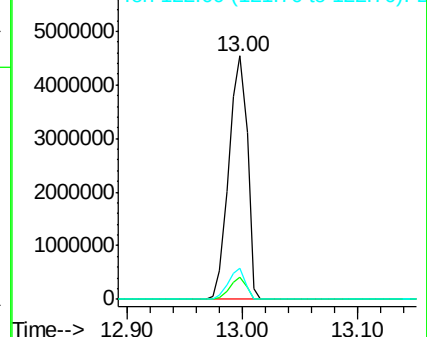
122 12.9 10.4 15.6



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: BF118571.D

Acq: 17 Jan 2020 21:22

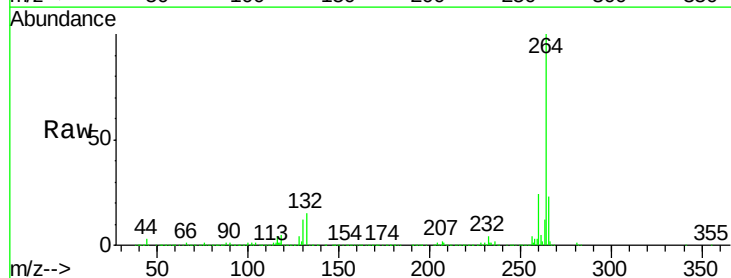
Tgt Ion:264 Resp: 1169929

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.5 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

