

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118741.D
 Acq On : 29 Jan 2020 19:44
 Operator : CG/JU
 Sample : L1287-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC-3-EXC-PIT-(0-5)-B

Quant Time: Jan 30 01:13:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

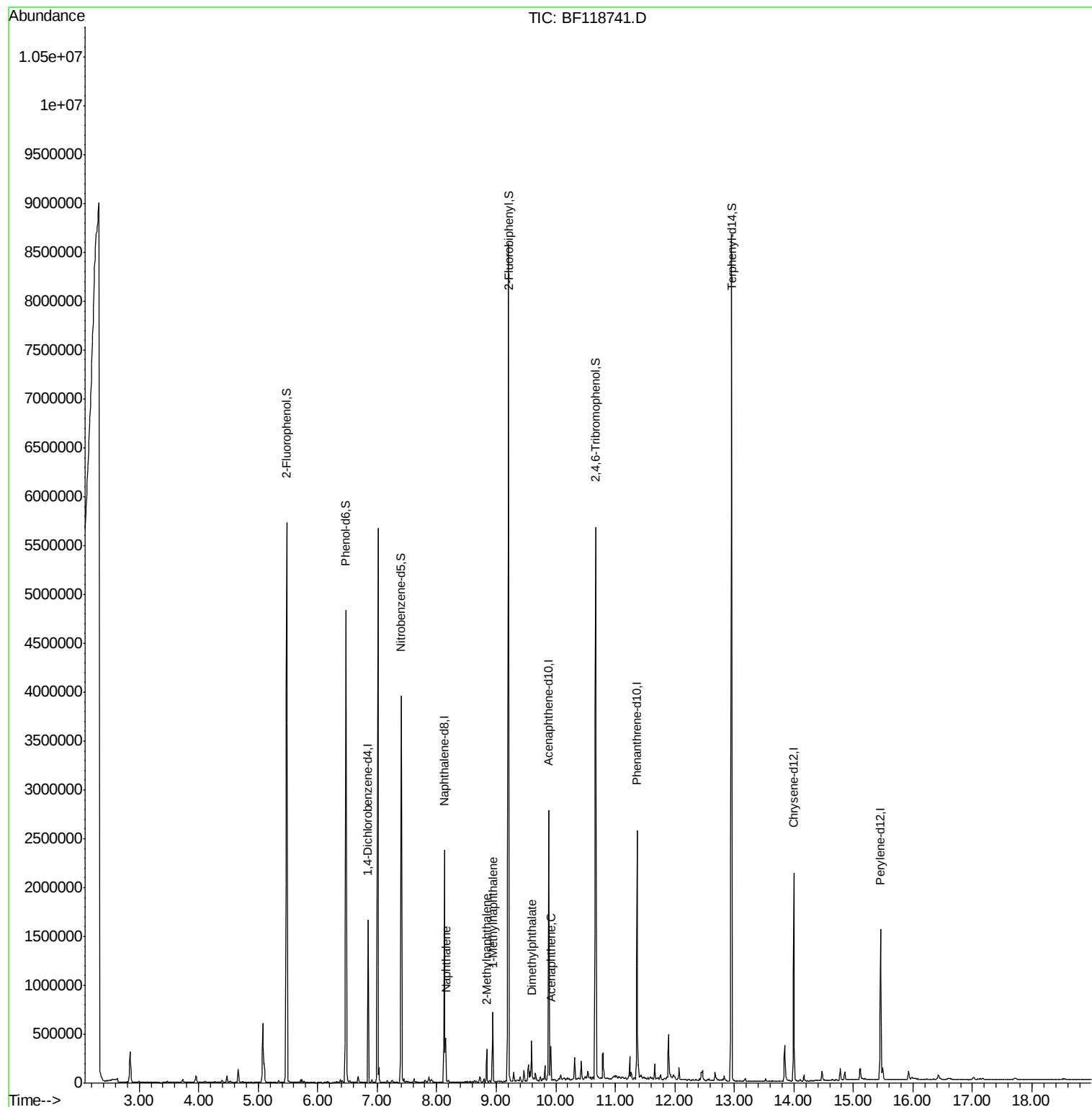
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	270395	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1004970	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	552481	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	962920	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	676621	20.00	ng	-0.02
87) Perylene-d12	15.46	264	732091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1735292	119.19	ng	0.00
7) Phenol-d6	6.47	99	1925770	101.77	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1467572	81.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	795675	124.52	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2852300	84.86	ng	-0.02
79) Terphenyl-d14	12.95	244	3239287	104.42	ng	-0.01
Target Compounds						
31) Naphthalene	8.15	128	204758	4.510	ng	97
37) 2-Methylnaphthalene	8.84	142	82535	2.576	ng	96
38) 1-Methylnaphthalene	8.94	142	174554	5.734	ng	99
50) Dimethylphthalate	9.59	163	156268	4.341	ng	99
52) Acenaphthene	9.92	154	77700	2.574	ng	99

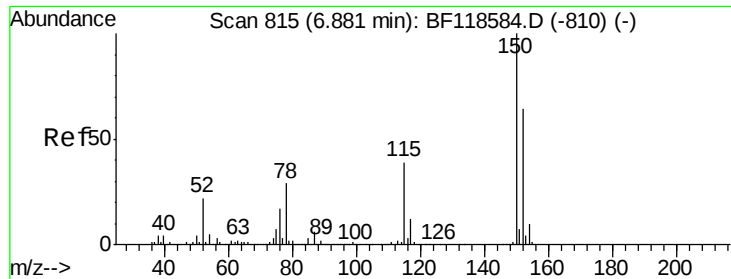
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118741.D
Acq On : 29 Jan 2020 19:44
Operator : CG/JU
Sample : L1287-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Quant Time: Jan 30 01:13:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration



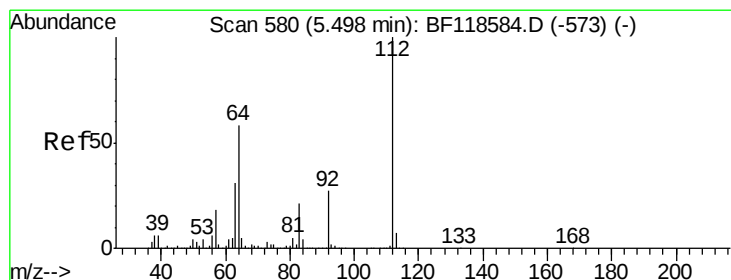
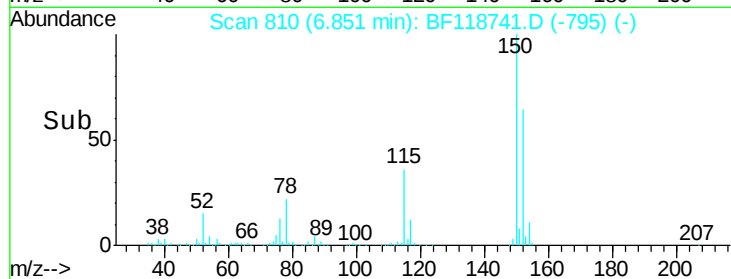
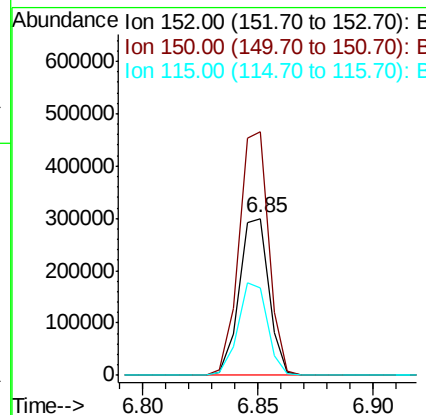
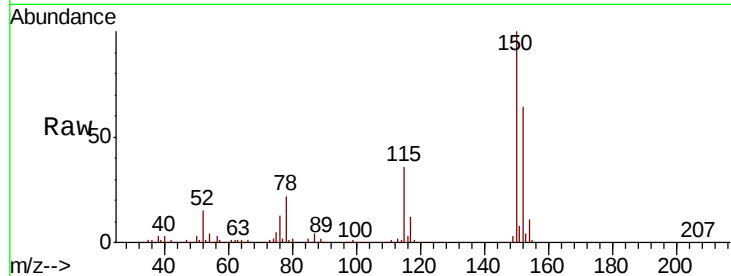


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

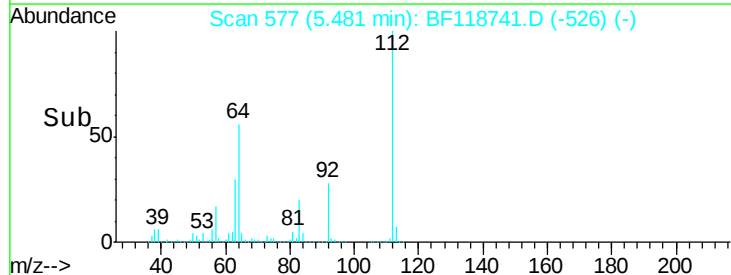
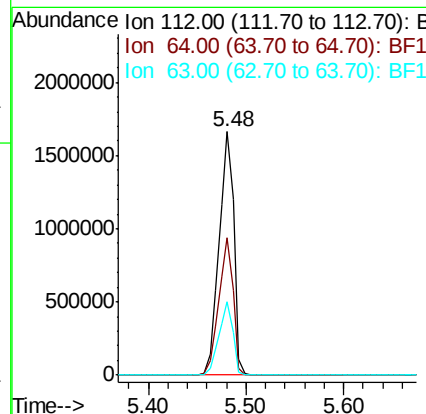
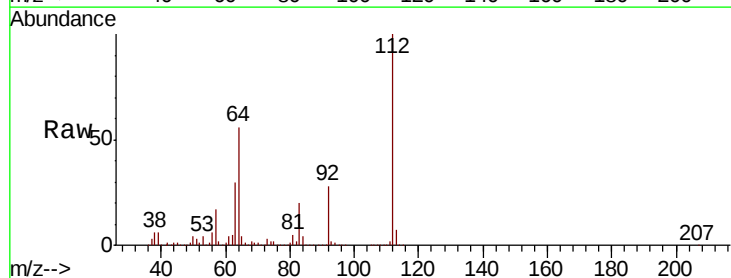
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	56.1	45.1	67.7

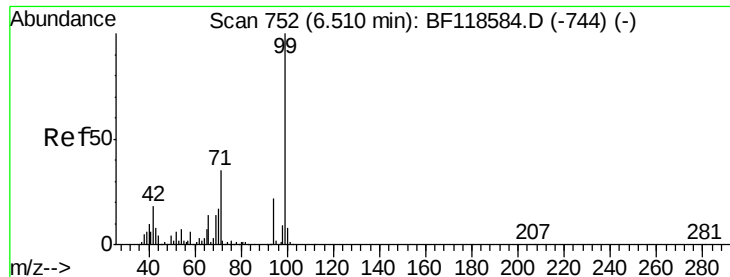


#5

2-Fluorophenol
Concen: 119.191 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.4	63.6
63	30.0	21.7	32.5





#7

Phenol-d6

Concen: 101.770 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Instrument :

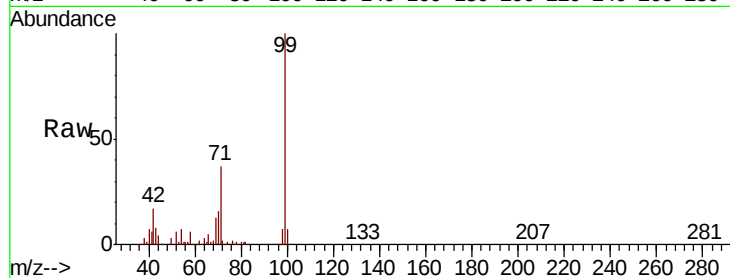
BNA_F

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion: 99 Resp: 1925770

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	36.5	28.4	42.6

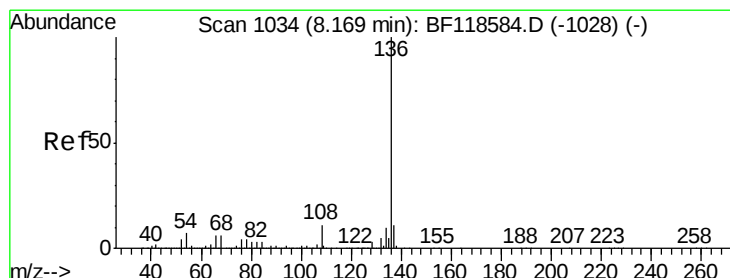
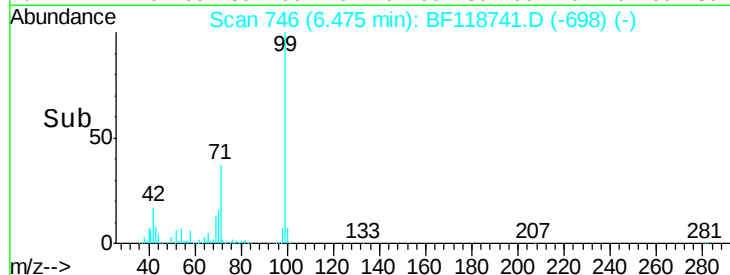
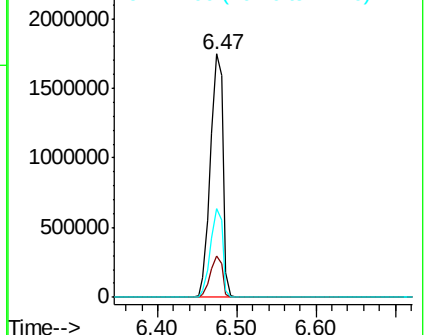


Abundance

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: 8.13 min Scan# 1027

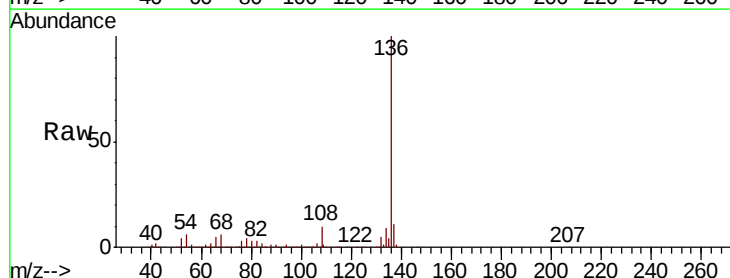
Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Tgt Ion: 136 Resp: 1004970

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	5.1	7.7
68	5.7	4.3	6.5



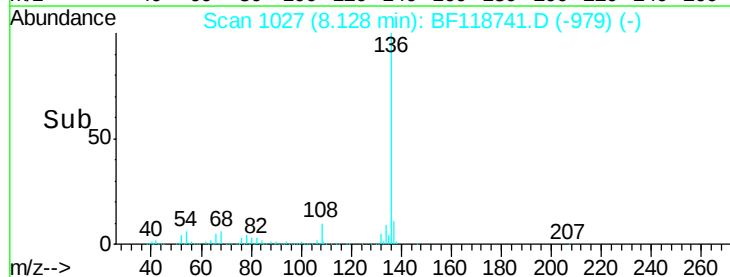
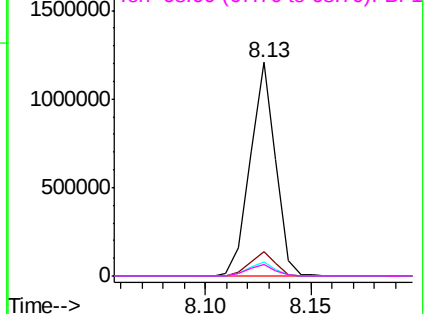
Abundance

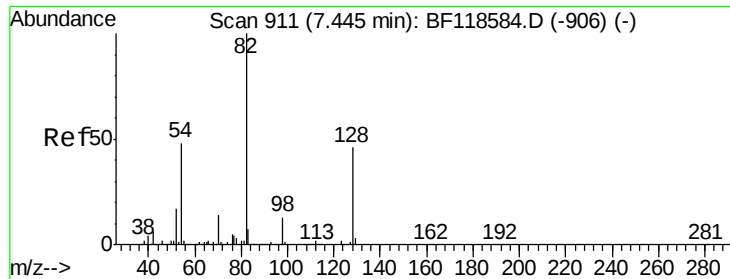
Ion 136.00 (135.70 to 136.70): E

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

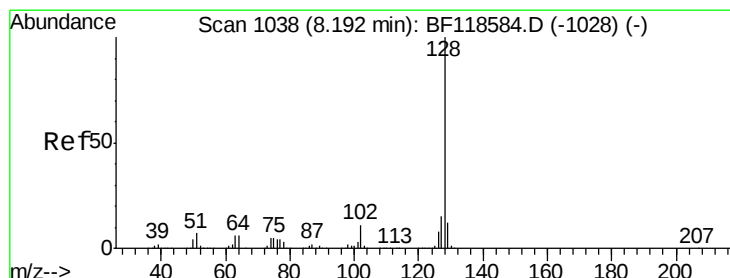
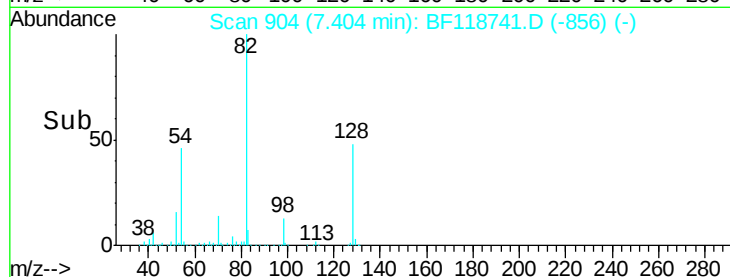
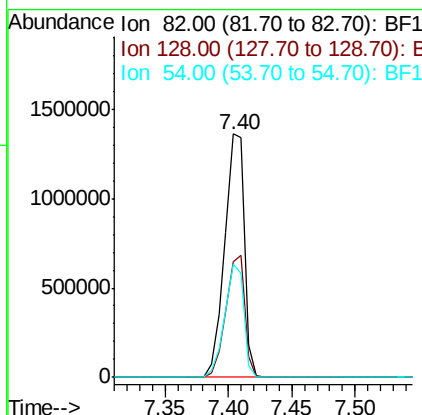
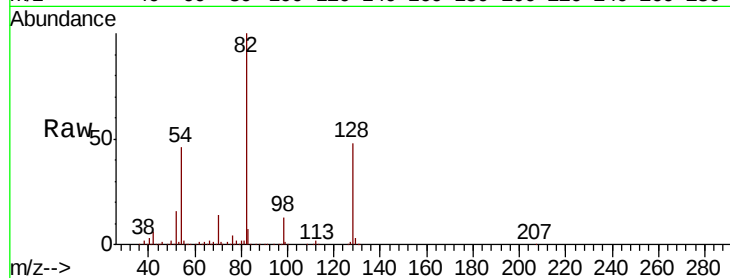




#23
Nitrobenzene-d5
Concen: 81.681 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

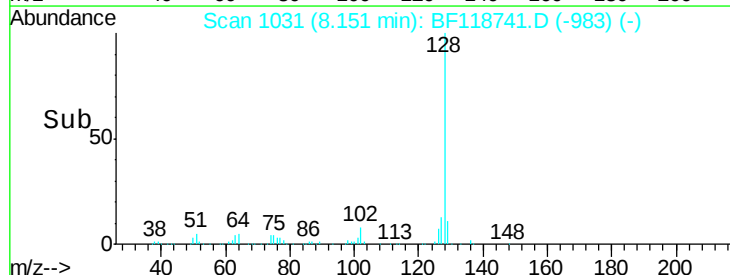
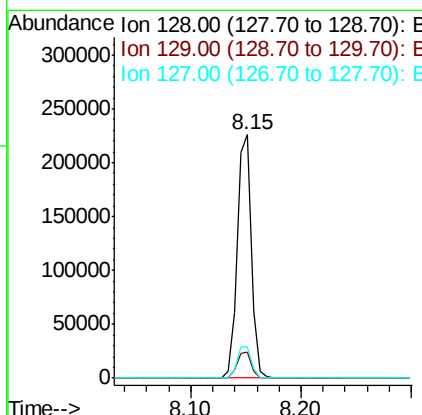
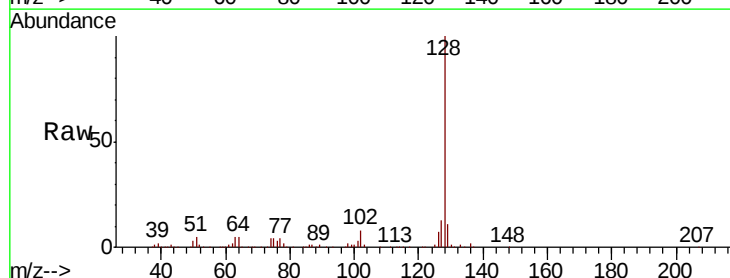
Instrument :
BNA_F
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

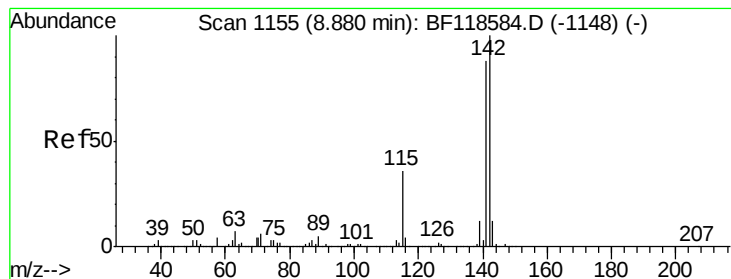
Tot Ion: 82 Resp: 1467572
Ion Ratio Lower Upper
82 100
128 47.6 38.2 57.2
54 46.3 36.1 54.1



#31
Naphthalene
Concen: 4.510 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion: 128 Resp: 204758
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 12.9 11.3 16.9





#37

2-Methylnaphthalene

Concen: 2.576 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Instrument :

BNA_F

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

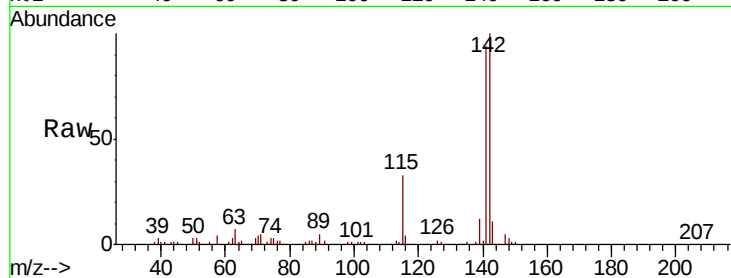
Tot Ion:142 Resp: 82535

Ion Ratio Lower Upper

142 100

141 93.5 71.4 107.0

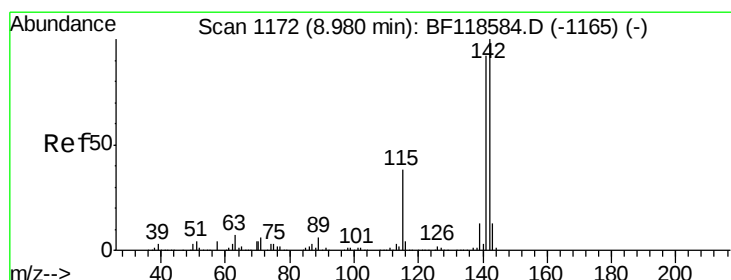
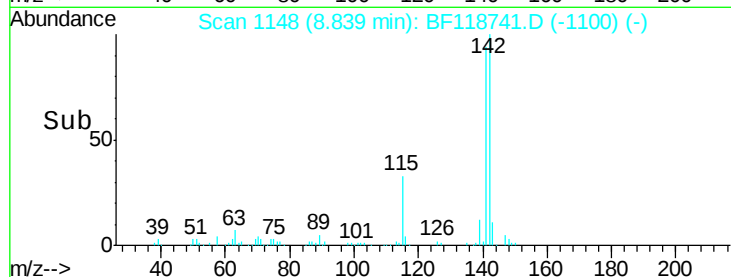
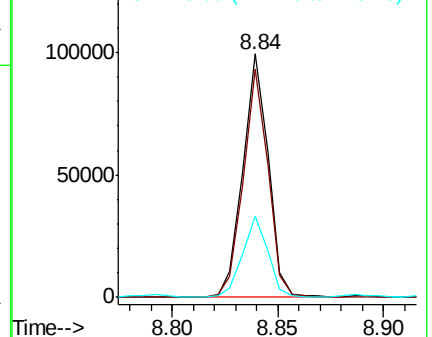
115 33.2 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 5.734 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

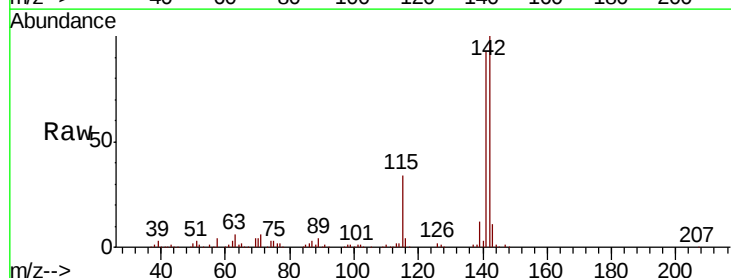
Tgt Ion:142 Resp: 174554

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

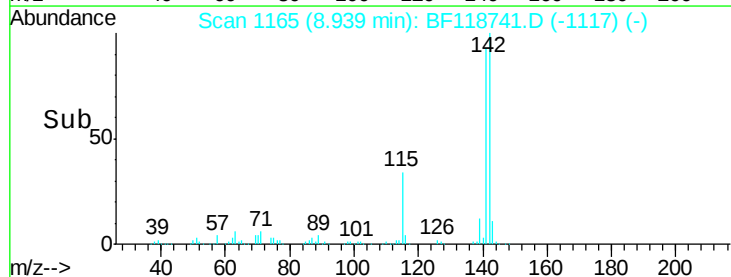
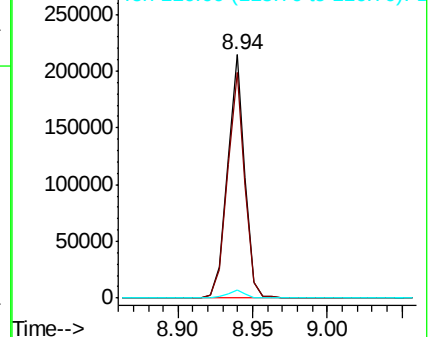
116 3.6 3.0 4.6

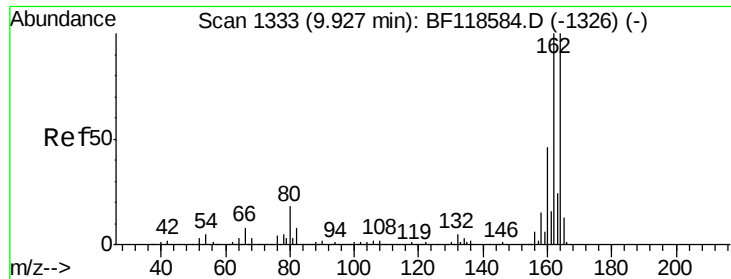


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

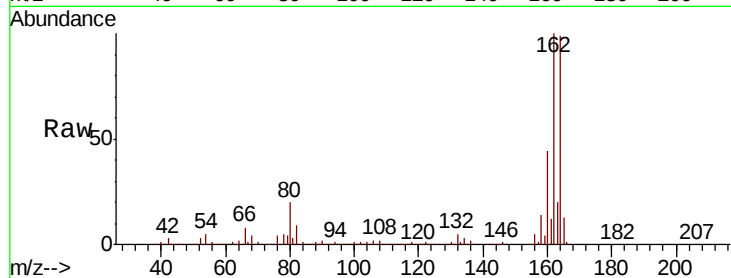




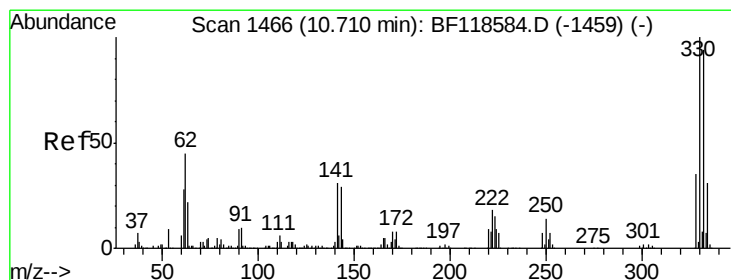
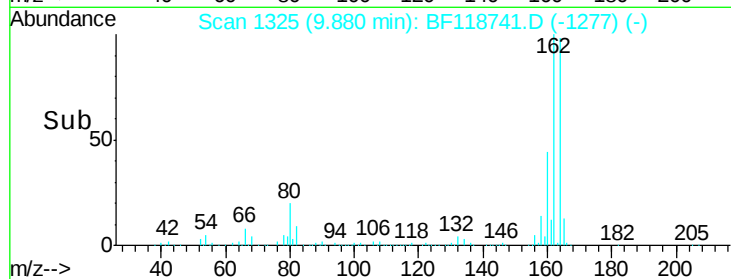
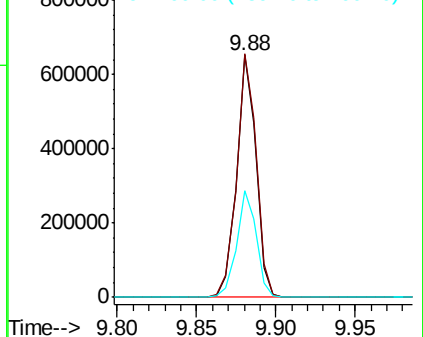
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	44.3	35.4	53.0

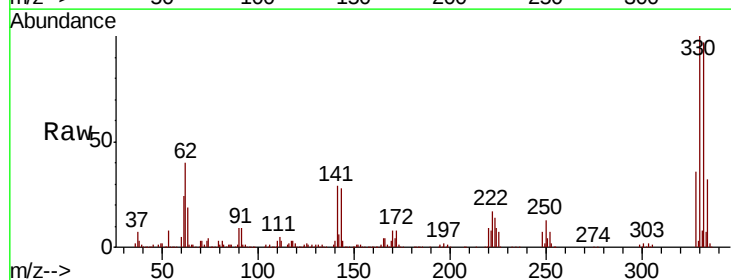


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

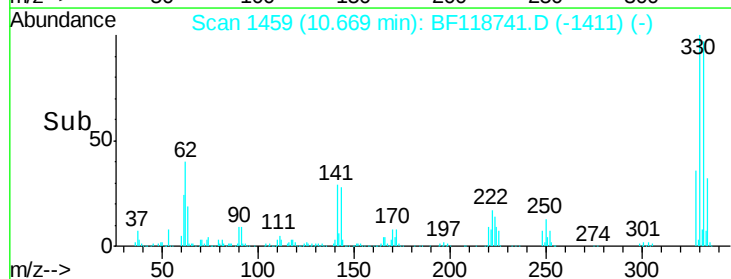
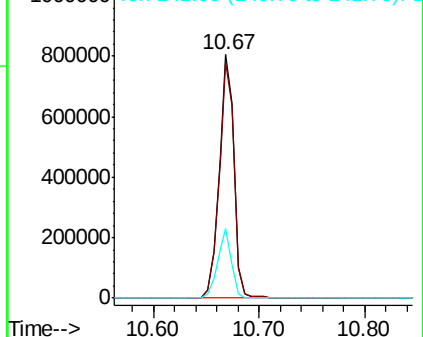


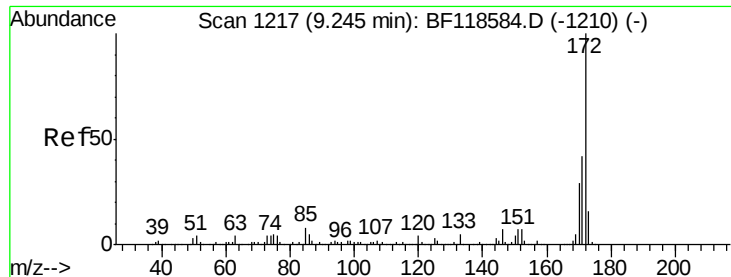
#42
2,4,6-Tribromophenol
Concen: 124.516 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	27.5	22.2	33.2



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: 84.855 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Instrument :

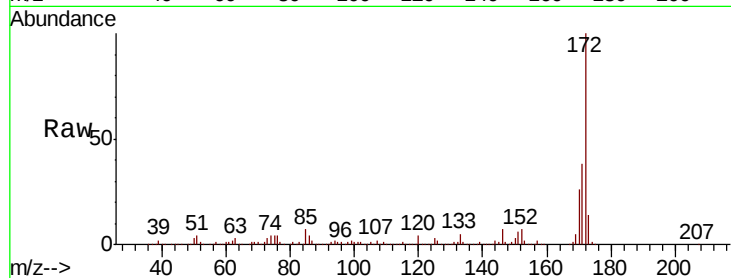
BNA_F

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:172 Resp: 2852300

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.5	20.7	31.1

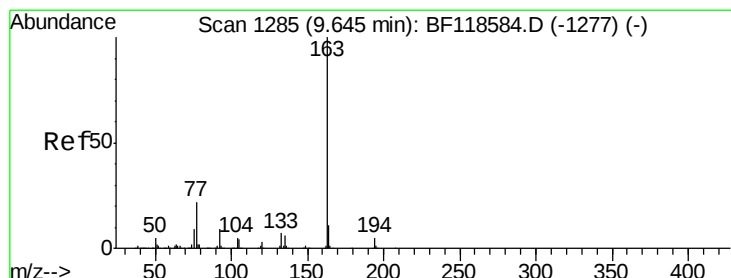
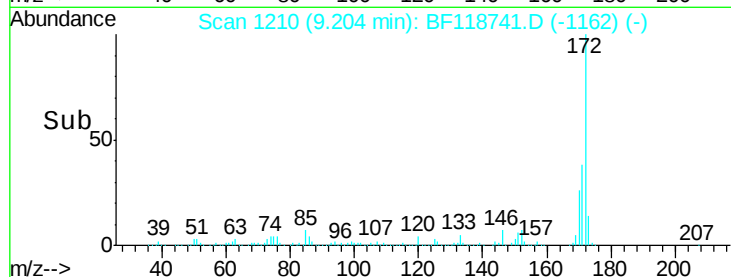
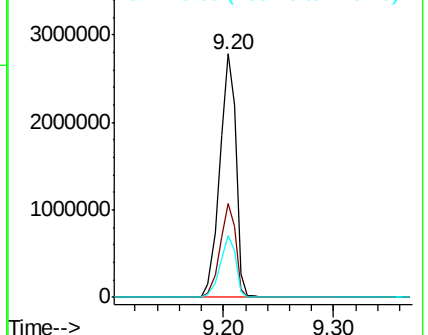


Abundance

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



#50

Dimethylphthalate

Concen: 4.341 ng

RT: 9.59 min Scan# 1276

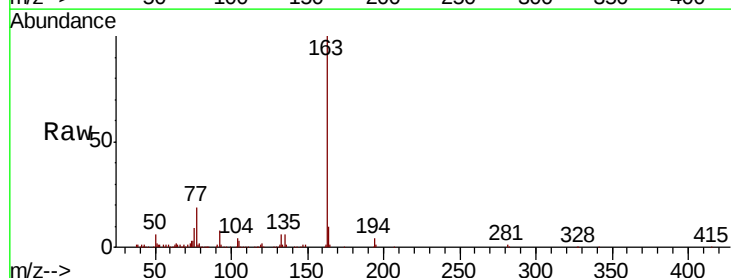
Delta R.T. -0.03 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Tgt Ion:163 Resp: 156268

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	9.6	8.2	12.2

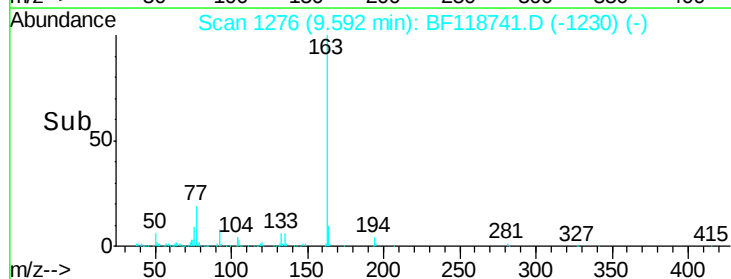
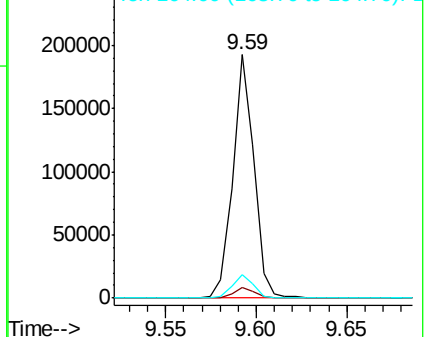


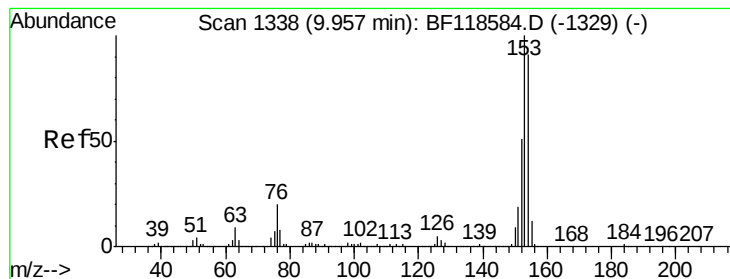
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 2.574 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Instrument :

BNA_F

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

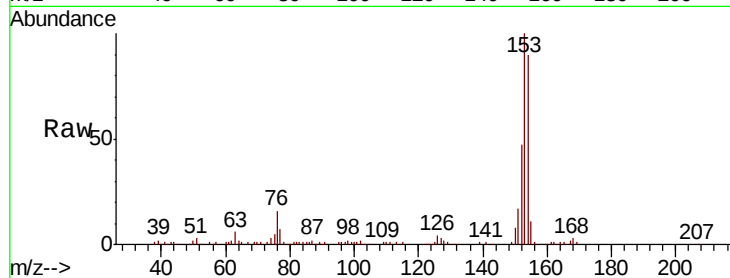
Tot Ion:154 Resp: 77700

Ion Ratio Lower Upper

154 100

153 110.8 89.1 133.7

152 52.6 43.0 64.6

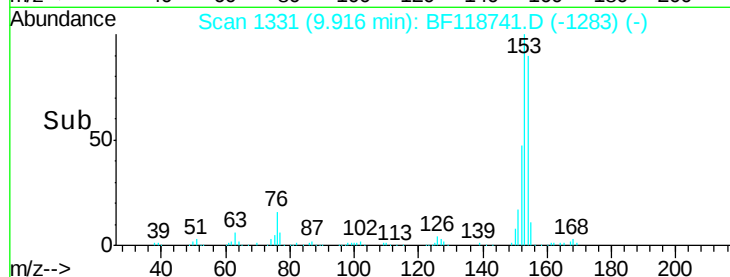


Abundance Ion 154.00 (153.70 to 154.70): E

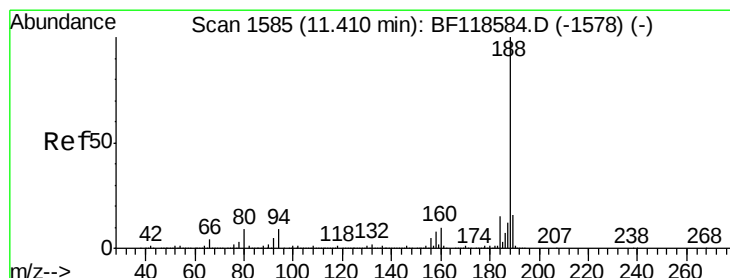
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

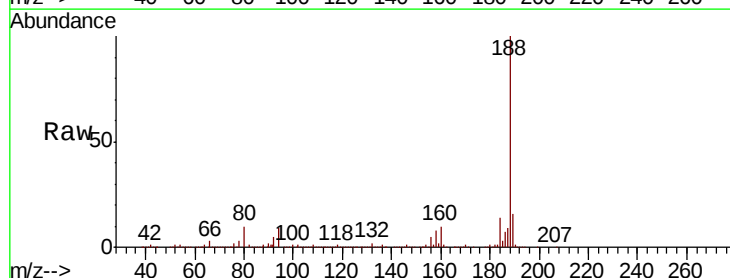
Tgt Ion:188 Resp: 962920

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.2 7.8 11.8

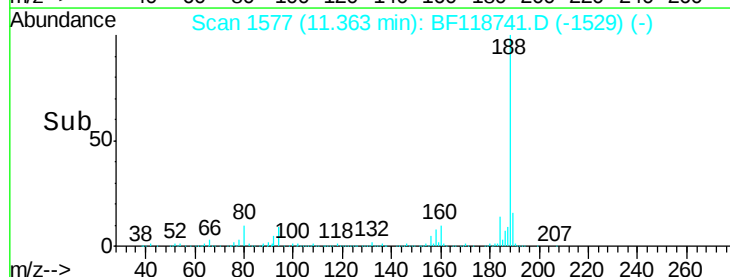


Abundance Ion 188.00 (187.70 to 188.70): E

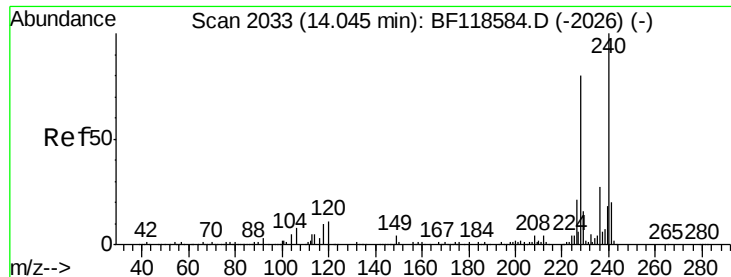
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

Instrument :

BNA_F

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

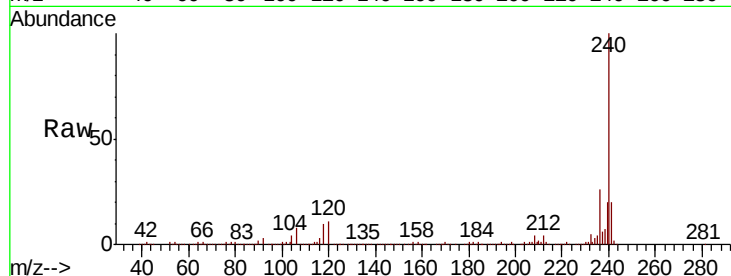
Tot Ion:240 Resp: 676621

Ion Ratio Lower Upper

240 100

120 11.2 7.6 11.4

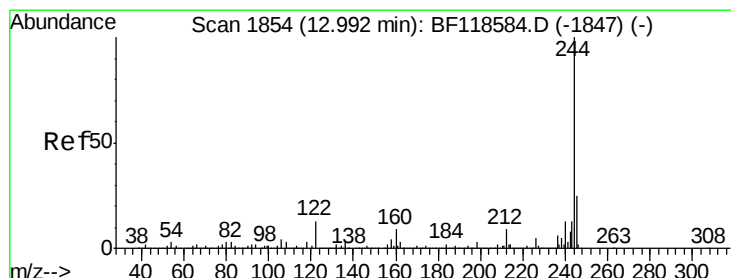
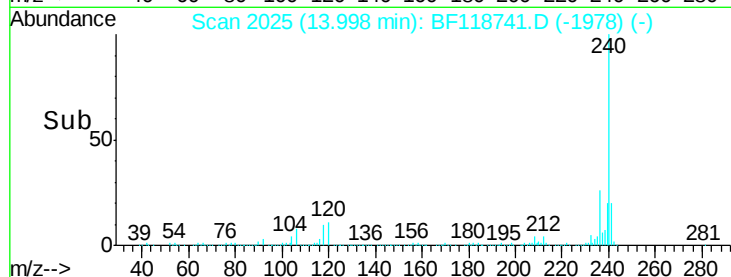
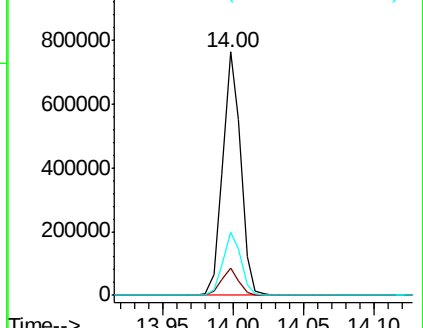
236 26.2 21.0 31.4



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: 104.419 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118741.D

Acq: 29 Jan 2020 19:44

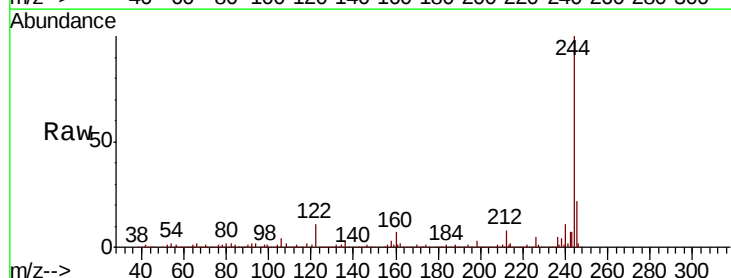
Tgt Ion:244 Resp: 3239287

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

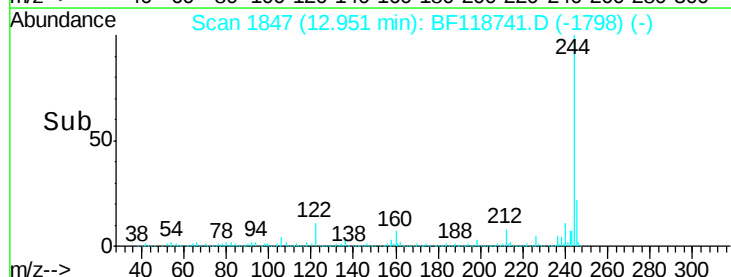
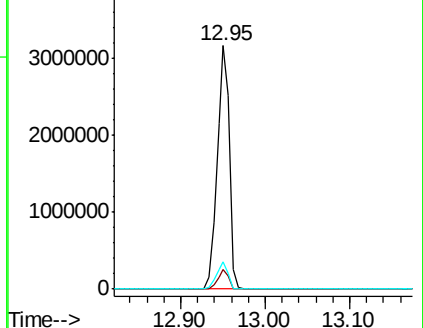
122 11.2 9.2 13.8

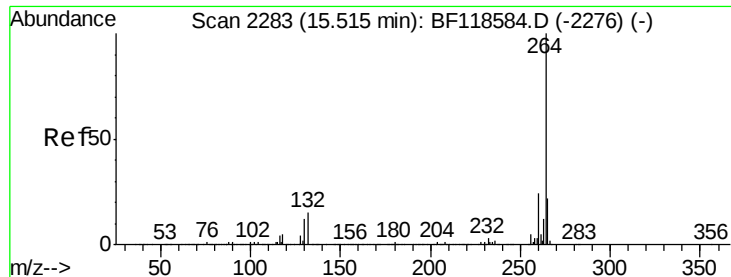


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.4	17.0	25.6

