

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118740.D
 Acq On : 29 Jan 2020 19:17
 Operator : CG/JU
 Sample : L1287-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 30 01:10:26 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

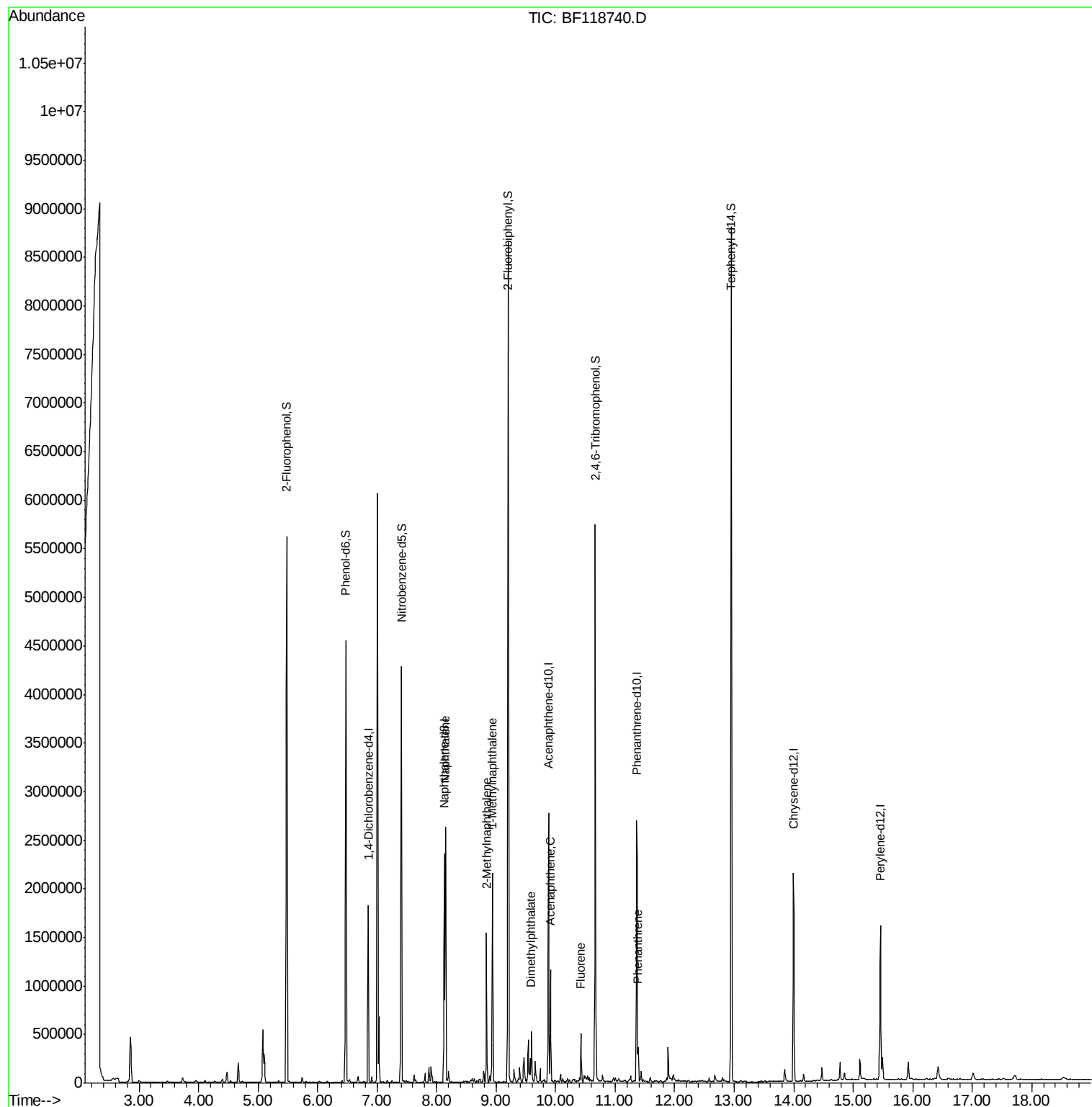
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	290375	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1073174	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	587609	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1019116	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	700953	20.00	ng	-0.02
87) Perylene-d12	15.46	264	765640	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1754466	112.22	ng	0.00
7) Phenol-d6	6.47	99	1900714	93.53	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1568056	81.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	829520	122.05	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2993134	83.72	ng	-0.02
79) Terphenyl-d14	12.95	244	3337541	103.85	ng	-0.01
Target Compounds						
31) Naphthalene	8.15	128	1119418	23.091	ng	98
37) 2-Methylnaphthalene	8.84	142	403837	11.801	ng	98
38) 1-Methylnaphthalene	8.94	142	570770	17.557	ng	99
50) Dimethylphthalate	9.59	163	197784	5.166	ng	99
52) Acenaphthene	9.92	154	239355	7.454	ng	99
58) Fluorene	10.43	166	127805	3.659	ng	98
71) Phenanthrene	11.39	178	185259	3.768	ng	96

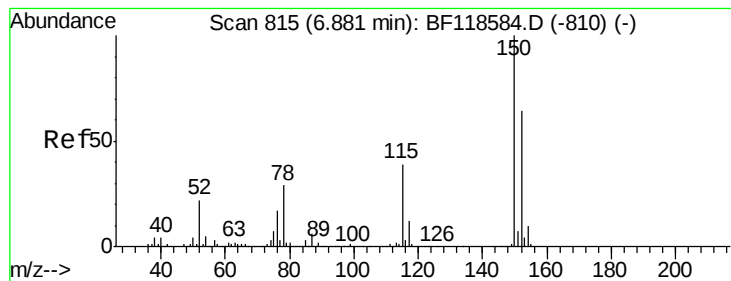
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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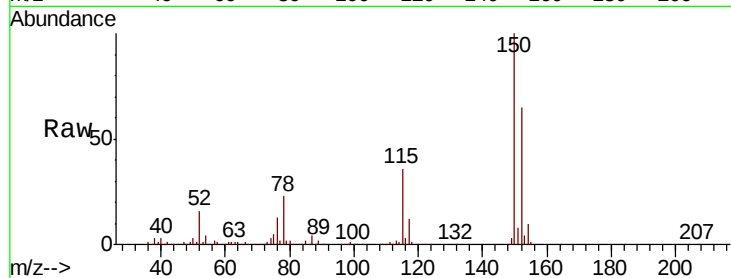


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.7	185.5
115	55.5	45.1	67.7

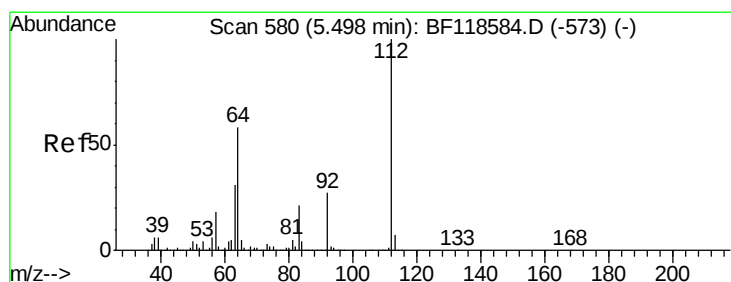
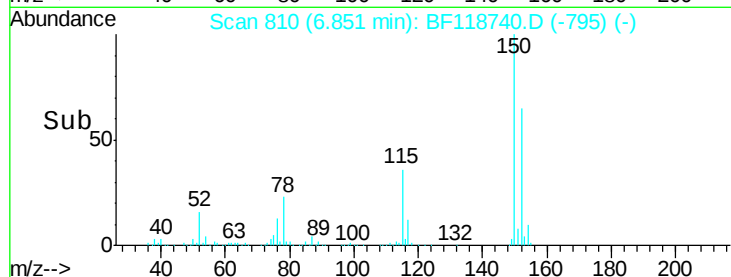
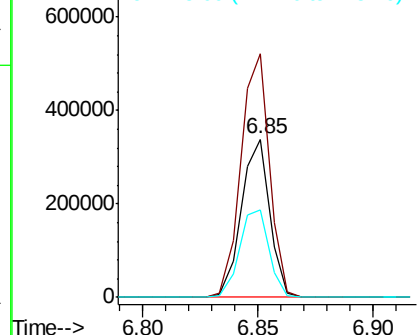


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

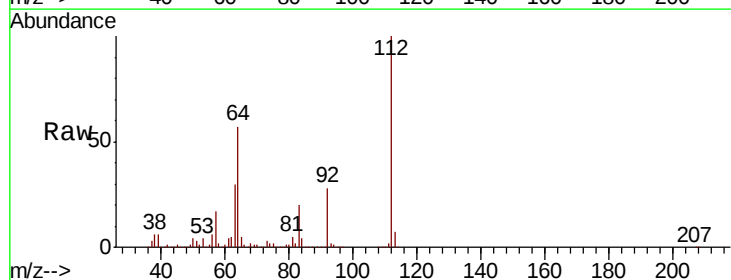
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.217 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.4	63.6
63	29.6	21.7	32.5

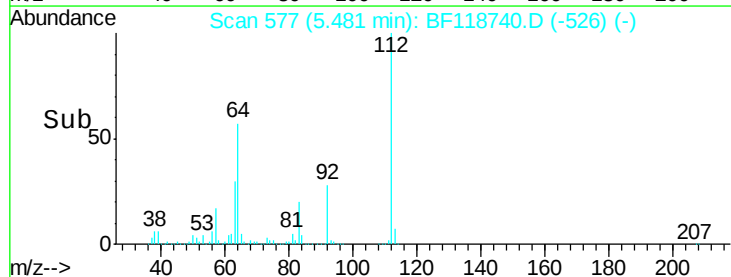
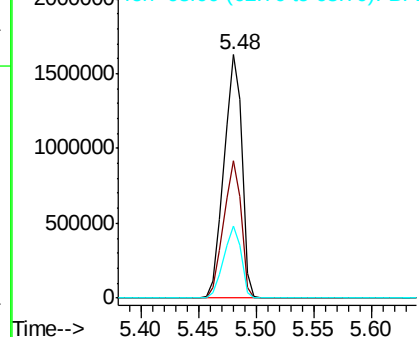


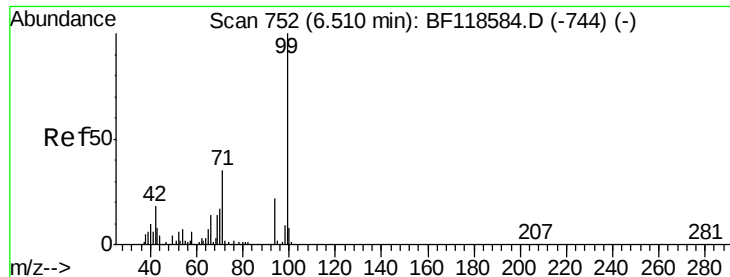
Abundance

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: 93.534 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118740.D

Acq: 29 Jan 2020 19:17

Instrument :

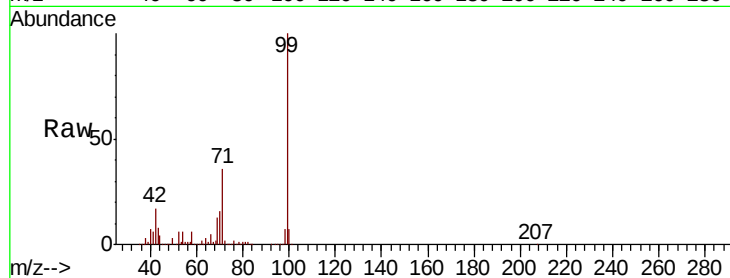
BNA_F

ClientSampleId :

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

Tot Ion: 99 Resp: 1900714

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	36.4	28.4	42.6

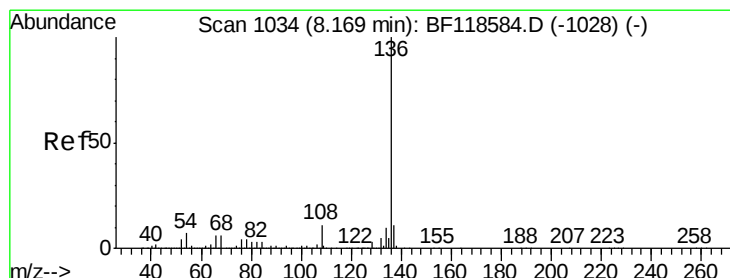
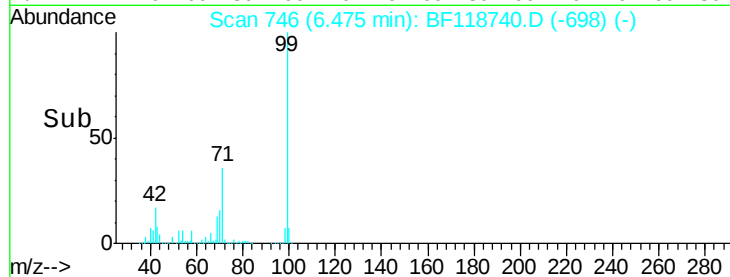


Abundance

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

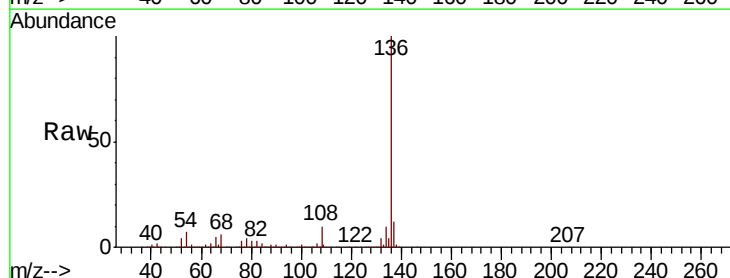
Delta R.T. -0.02 min

Lab File: BF118740.D

Acq: 29 Jan 2020 19:17

Tgt Ion: 136 Resp: 1073174

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	6.9	5.1	7.7
68	5.9	4.3	6.5



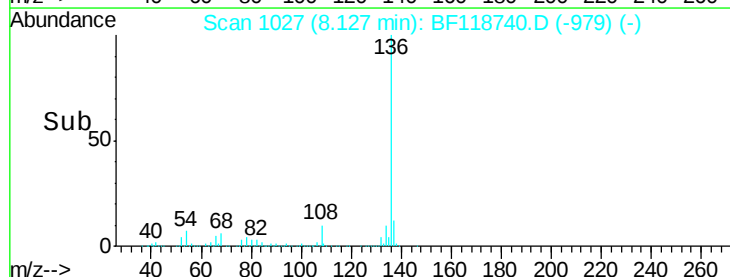
Abundance

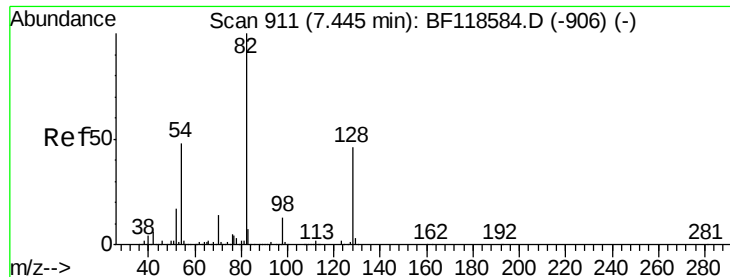
Ion 136.00 (135.70 to 136.70): E

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: 81.727 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118740.D

Acq: 29 Jan 2020 19:17

Instrument :

BNA_F

ClientSampleId :

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

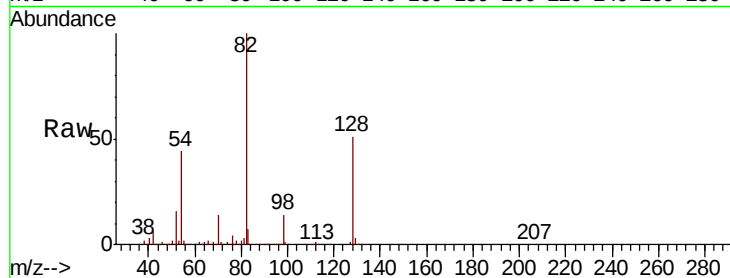
Tot Ion: 82 Resp: 1568056

Ion Ratio Lower Upper

82 100

128 50.6 38.2 57.2

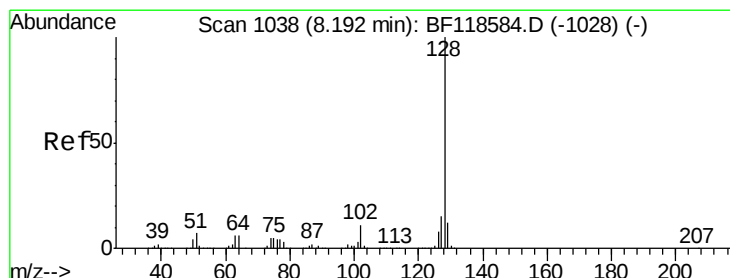
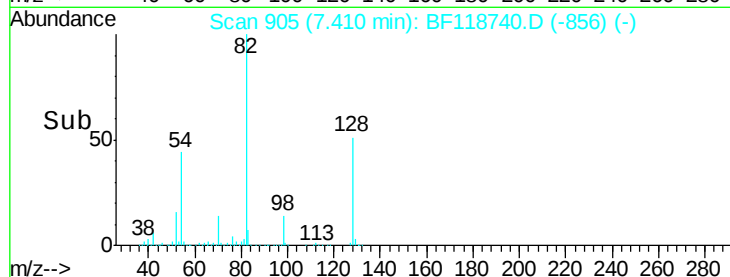
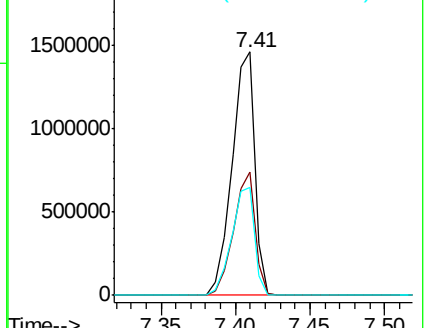
54 44.5 36.1 54.1



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



#31

Naphthalene

Concen: 23.091 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118740.D

Acq: 29 Jan 2020 19:17

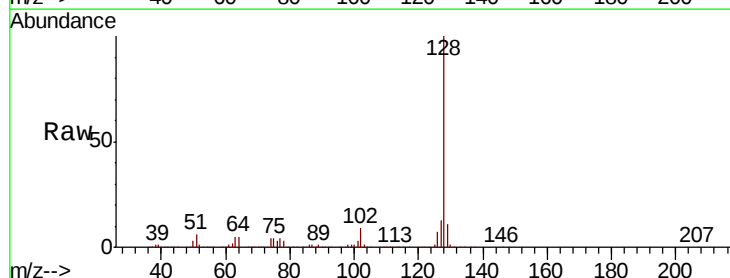
Tgt Ion: 128 Resp: 1119418

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

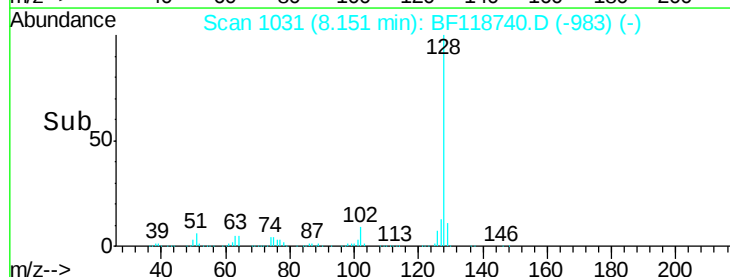
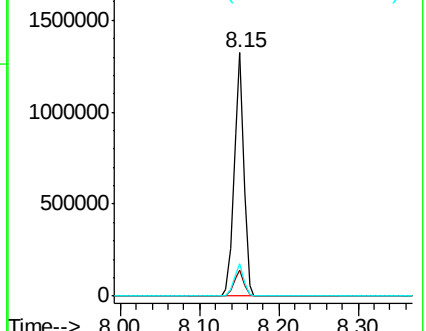
127 13.4 11.3 16.9

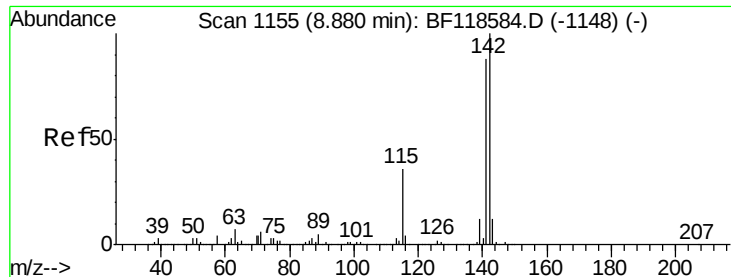


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

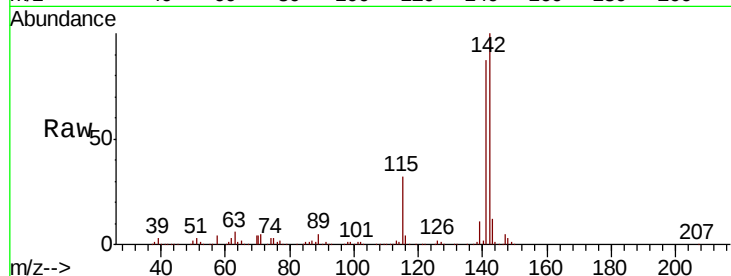




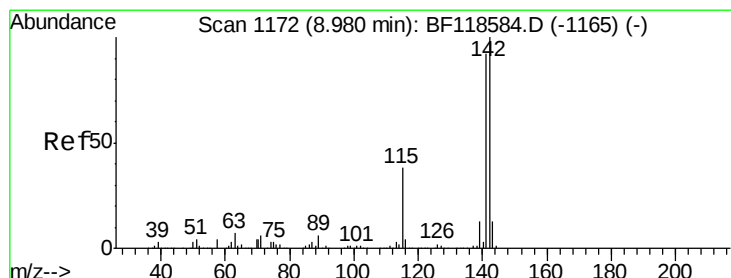
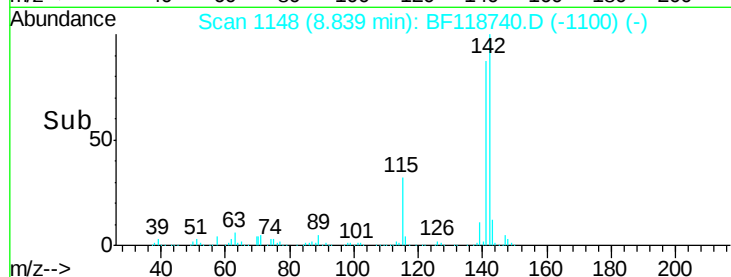
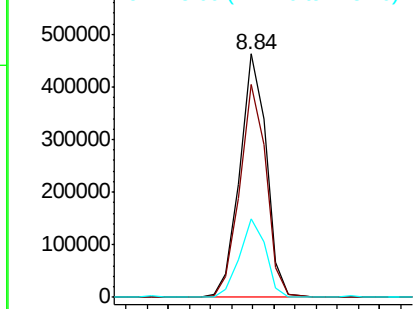
#37
2-Methylnaphthalene
Concen: 11.801 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.4	107.0
115	32.4	27.5	41.3

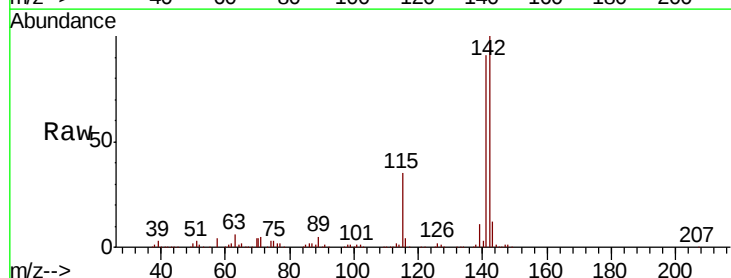


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

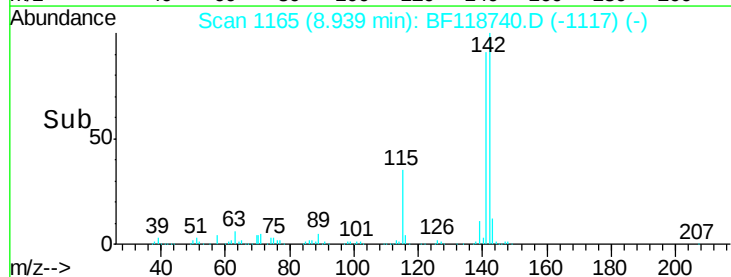
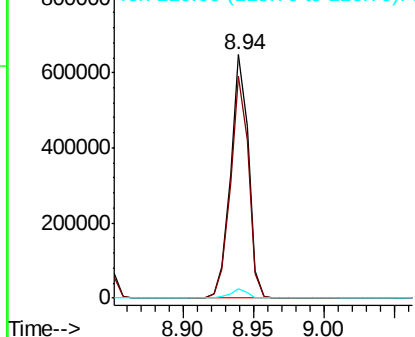


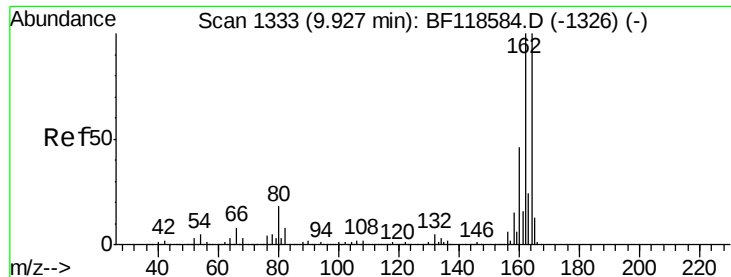
#38
1-Methylnaphthalene
Concen: 17.557 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
116	3.8	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

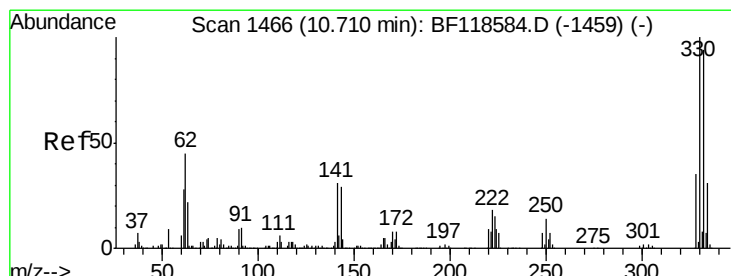
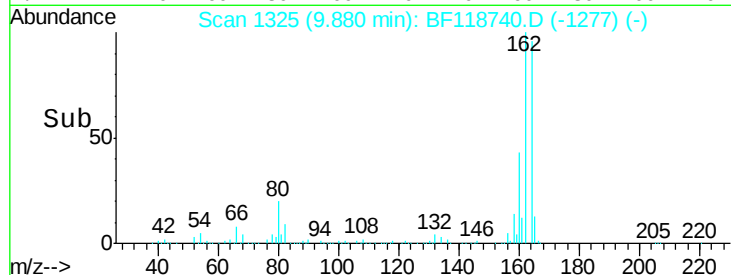
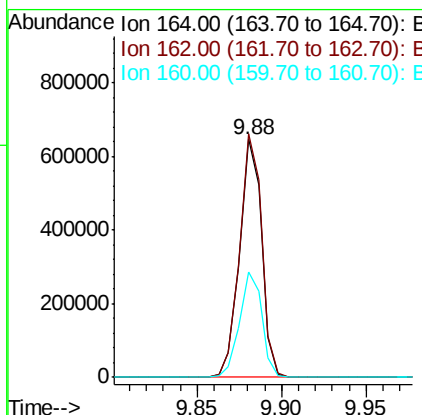
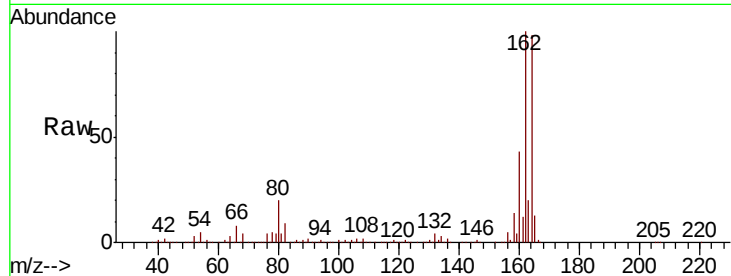




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

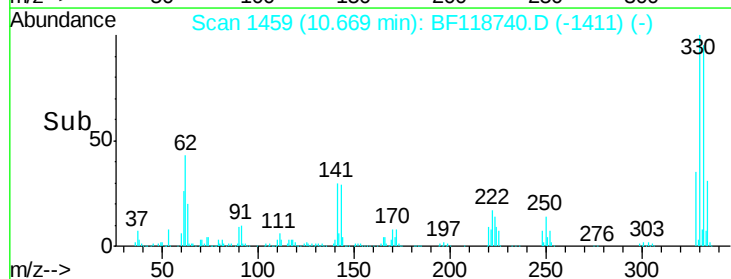
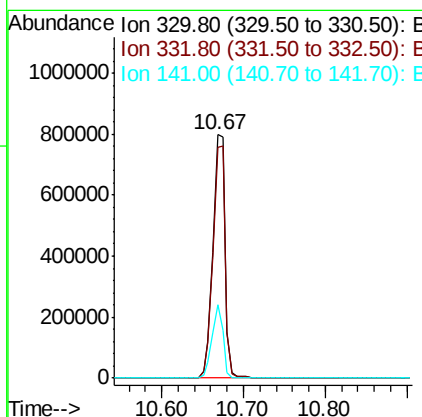
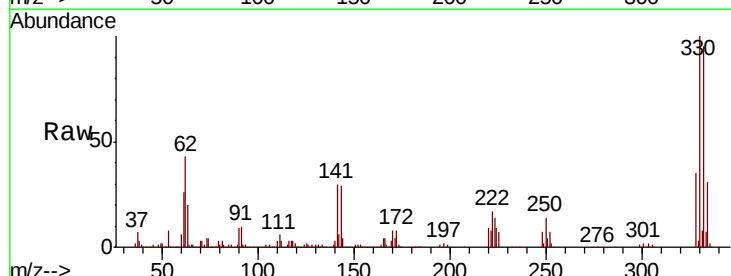
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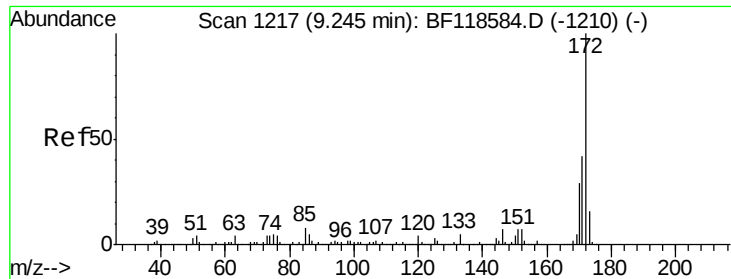
Tot Ion:164 Resp: 587609
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 122.052 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

Tgt Ion:330 Resp: 829520
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 27.5 22.2 33.2

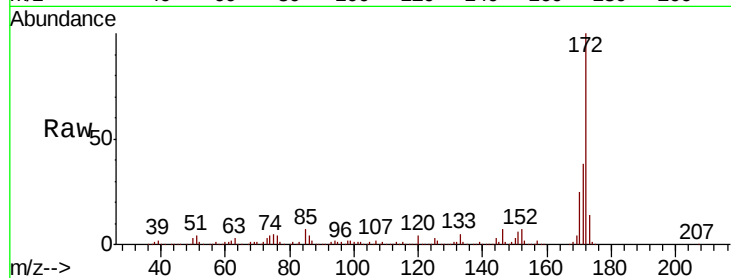




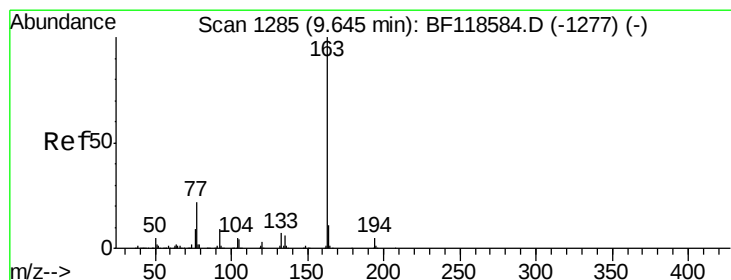
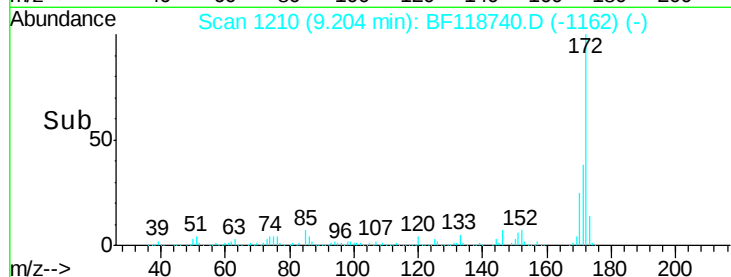
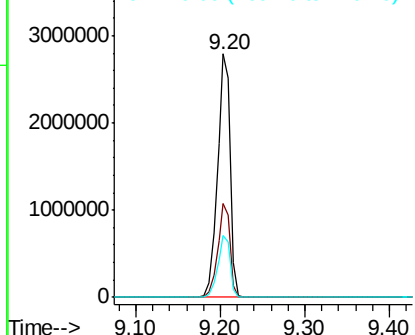
#45
2-Fluorobiphenyl
Concen: 83.722 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

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

Tot Ion:172 Resp: 2993134
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.5 20.7 31.1

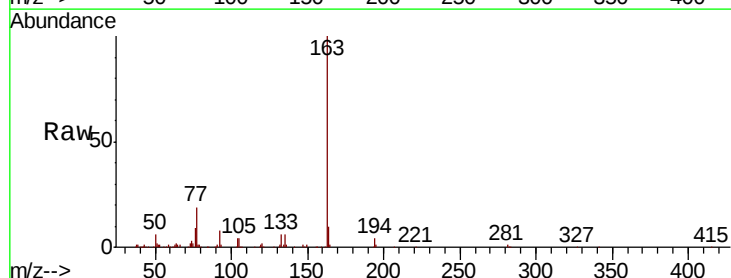


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

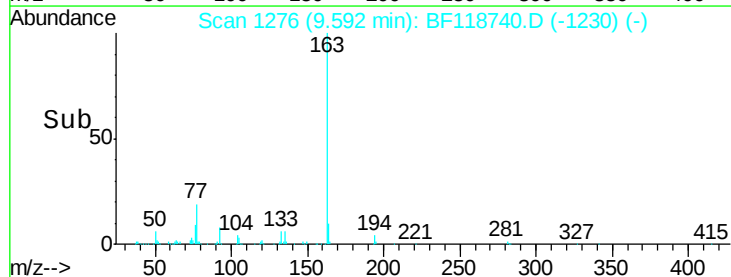
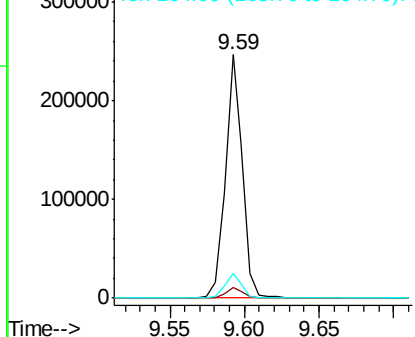


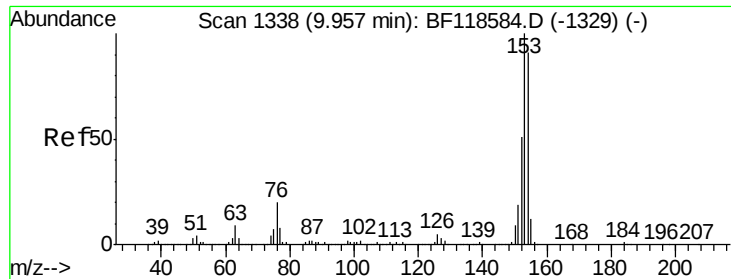
#50
Dimethylphthalate
Concen: 5.166 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

Tgt Ion:163 Resp: 197784
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.0 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: 7.454 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF118740.D

Acq: 29 Jan 2020 19:17

Instrument :

BNA_F

ClientSampleId :

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

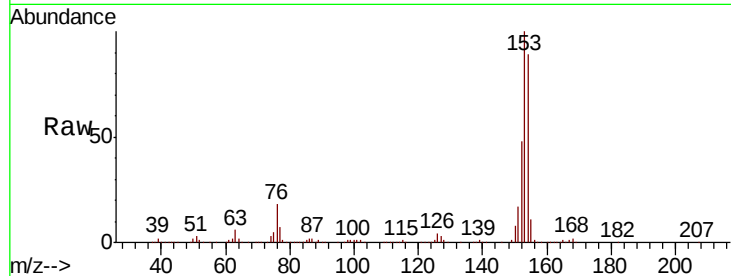
Tot Ion:154 Resp: 239355

Ion Ratio Lower Upper

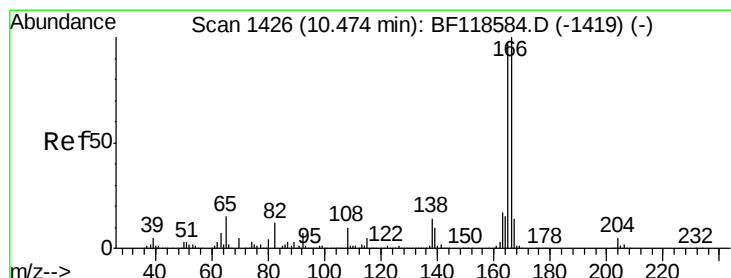
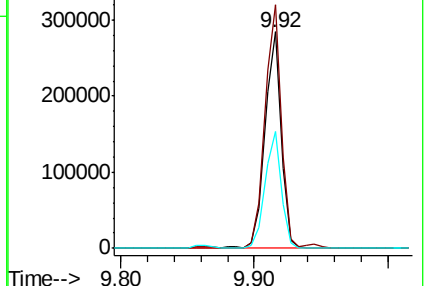
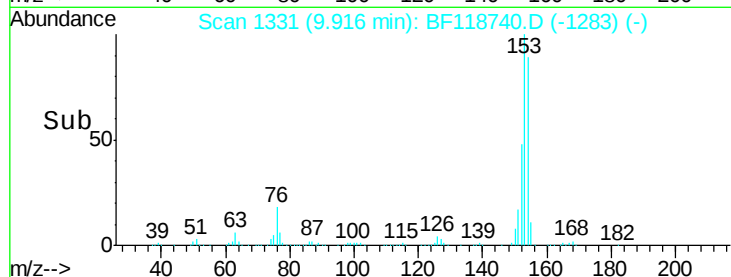
154 100

153 112.4 89.1 133.7

152 53.7 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



#58

Fluorene

Concen: 3.659 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF118740.D

Acq: 29 Jan 2020 19:17

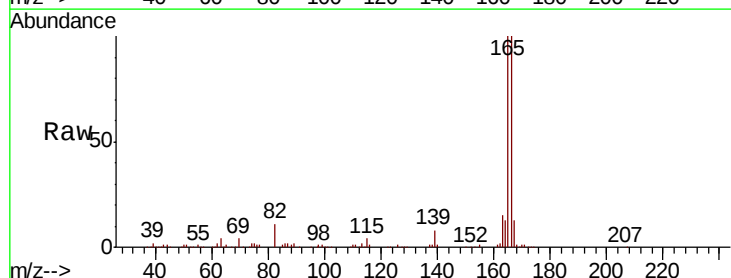
Tgt Ion:166 Resp: 127805

Ion Ratio Lower Upper

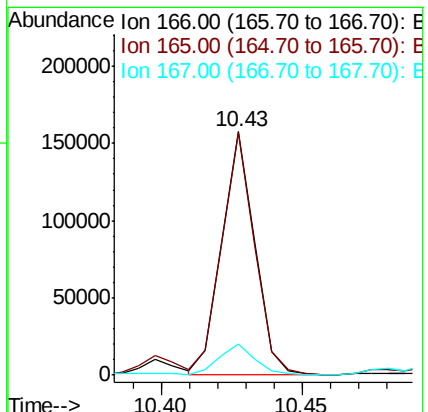
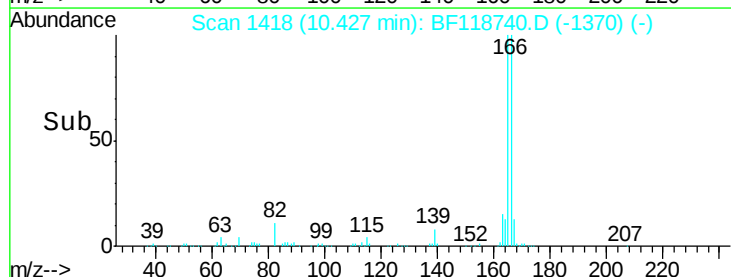
166 100

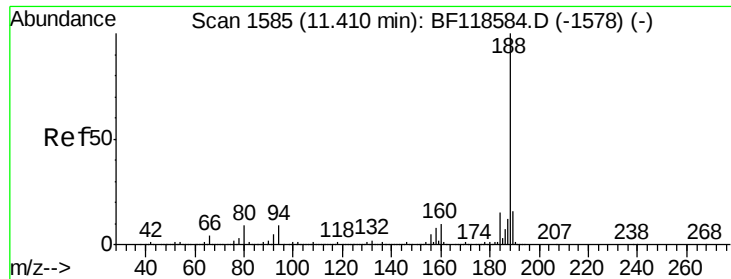
165 99.7 78.6 118.0

167 12.9 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

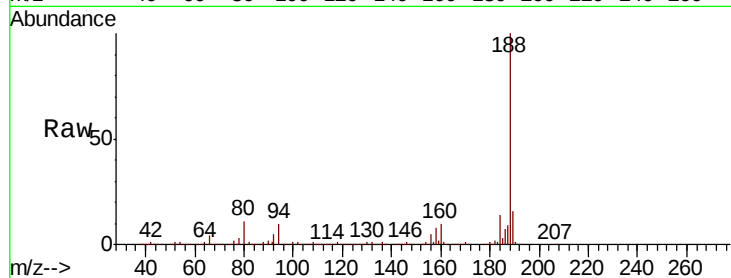




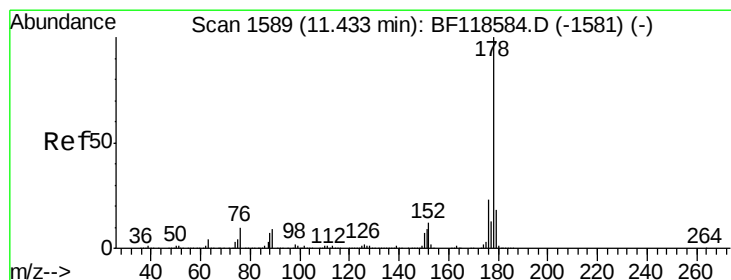
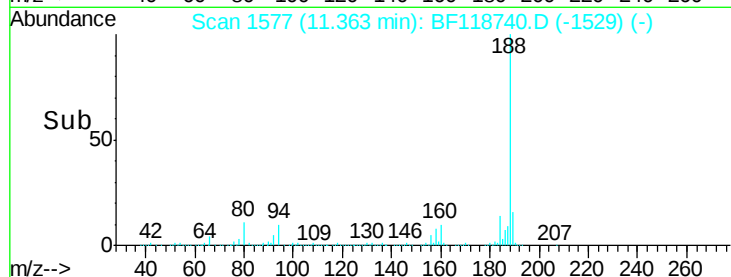
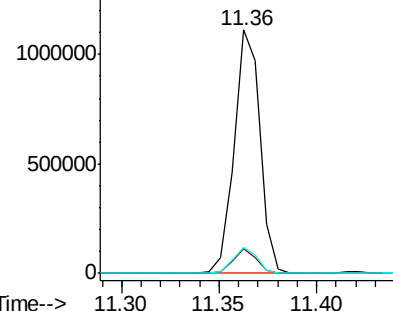
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

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

Tot Ion:188 Resp: 1019116
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.7 7.8 11.8

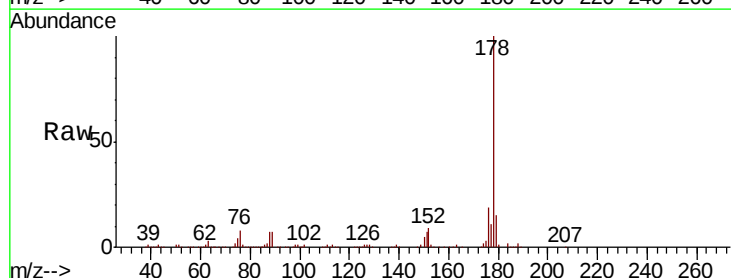


Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

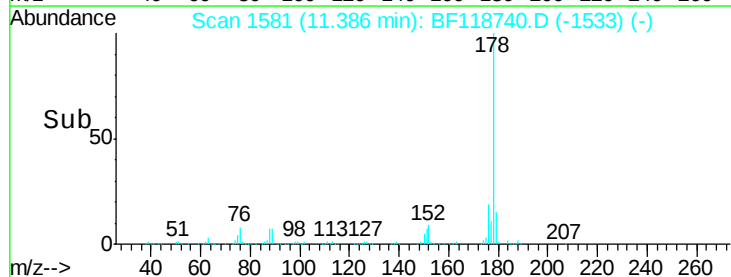
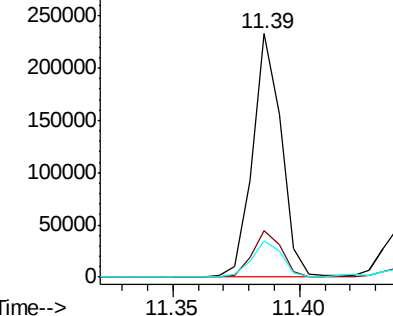


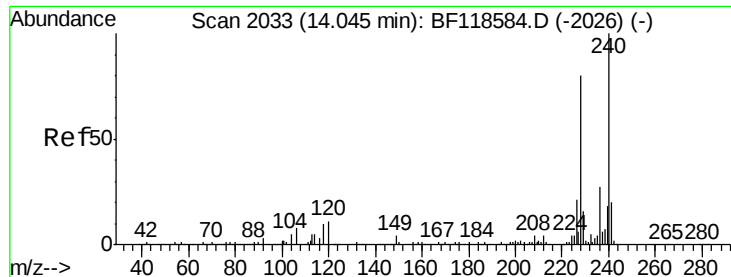
#71
Phenanthrene
Concen: 3.768 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

Tgt Ion:178 Resp: 185259
Ion Ratio Lower Upper
178 100
176 19.0 16.5 24.7
179 14.9 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E
300000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

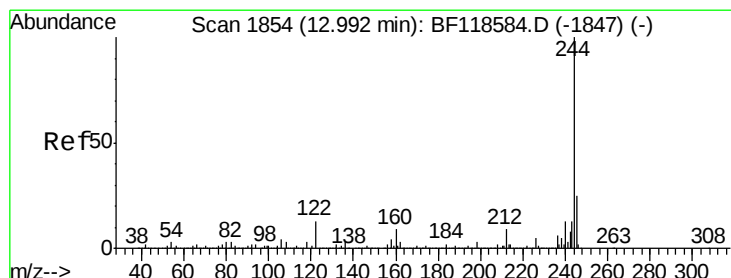
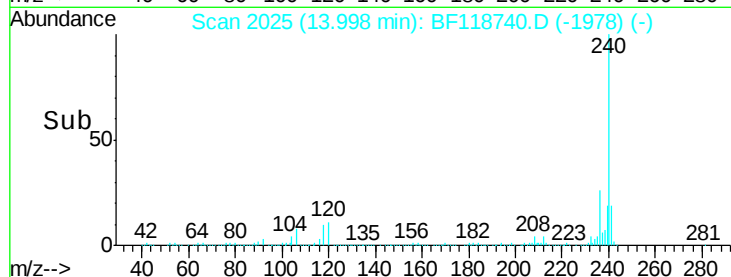
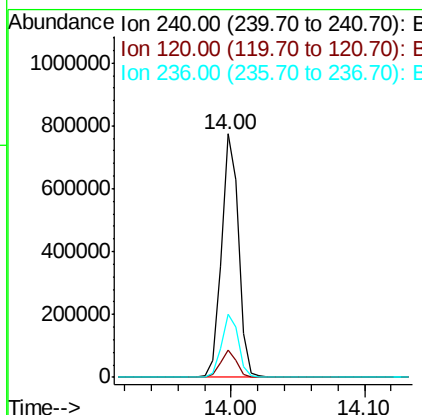
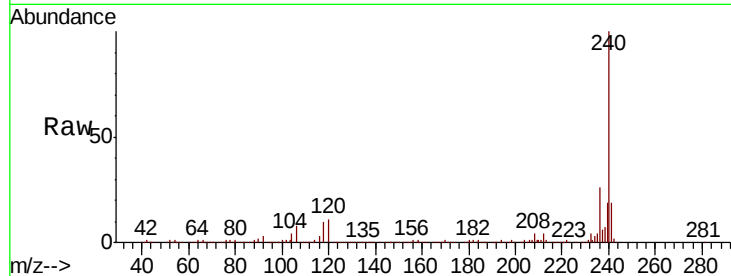




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF118740.D
 Acq: 29 Jan 2020 19:17

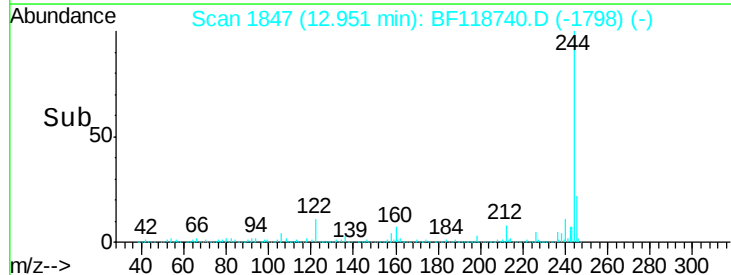
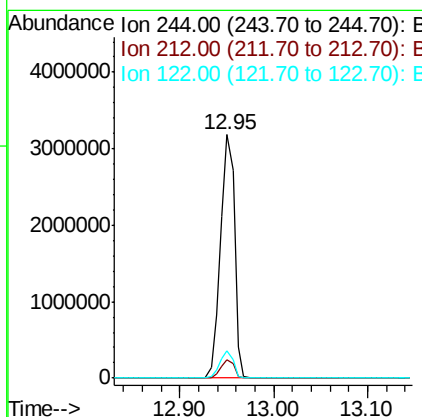
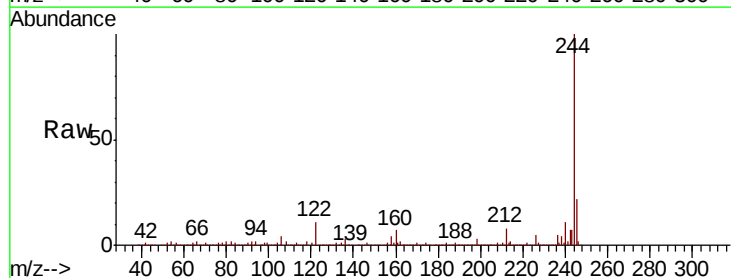
Instrument :
 BNA_F
 ClientSampleId :
 AOC-3-EXC-PIT-(0-5)-A

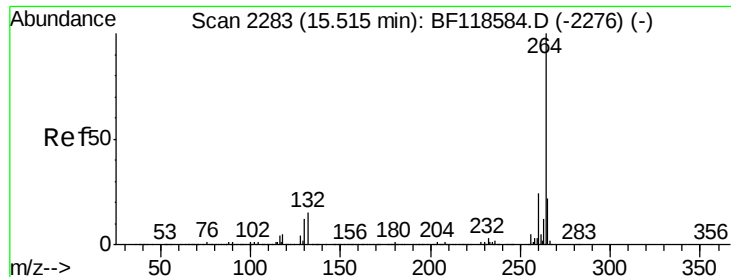
Tot Ion:240 Resp: 700953
 Ion Ratio Lower Upper
 240 100
 120 11.1 7.6 11.4
 236 25.9 21.0 31.4



#79
 Terphenyl-d14
 Concen: 103.851 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118740.D
 Acq: 29 Jan 2020 19:17

Tgt Ion:244 Resp: 3337541
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 11.4 9.2 13.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118740.D
Acq: 29 Jan 2020 19:17

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.9	17.0	25.6

