

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115576.D
 Acq On : 16 Jul 2019 00:06
 Operator : HP/JU
 Sample : K3620-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-C

Quant Time: Jul 16 05:43:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

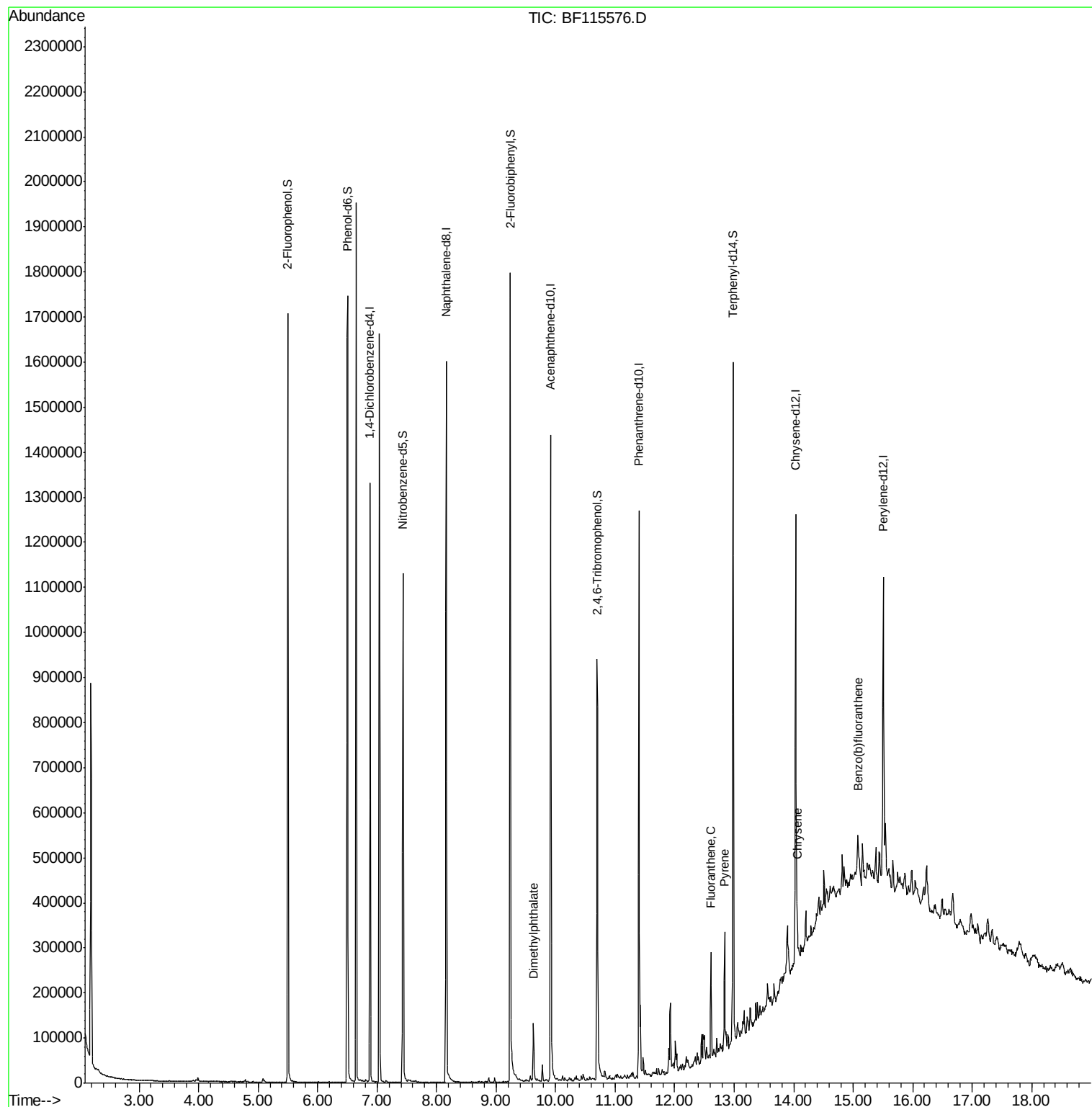
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	184162	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	672949	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	304669	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	500683	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	354505	20.00	ng	-0.02
87) Perylene-d12	15.51	264	360384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	484217	43.01	ng	0.00
7) Phenol-d6	6.50	99	648680	45.41	ng	-0.01
23) Nitrobenzene-d5	7.43	82	386645	33.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	140227	39.43	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	656706	37.73	ng	-0.01
79) Terphenyl-d14	12.98	244	510959	26.59	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.63	163	59578	2.599	ng	98
75) Fluoranthene	12.61	202	90156	3.324	ng	100
78) Pyrene	12.84	202	102752	3.421	ng	96
83) Chrysene	14.06	228	53091	2.264	ng	96
88) Benzo(b)fluoranthene	15.07	252	50654m	2.183	ng	

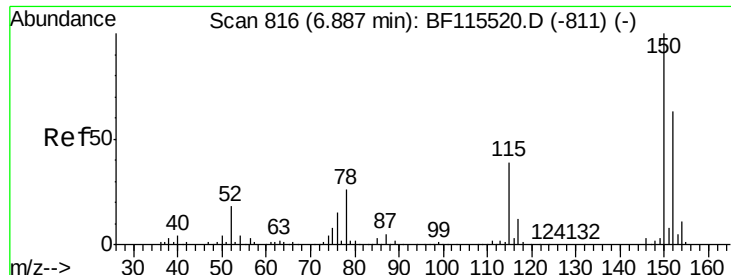
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 12 14:03:52 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-C

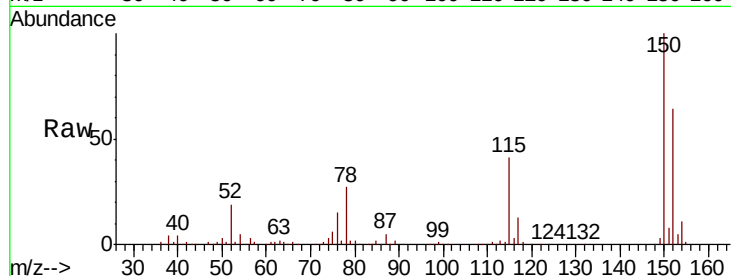
Tot Ion:152 Resp: 184162

Ion Ratio Lower Upper

152 100

150 155.7 129.7 194.5

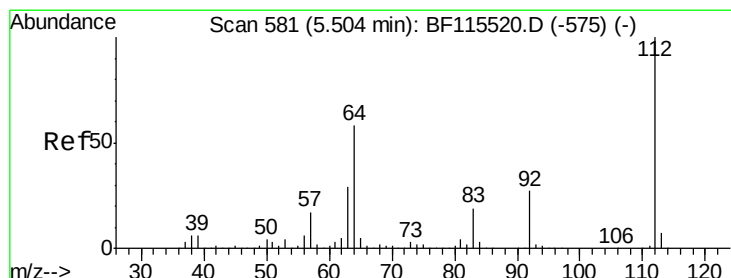
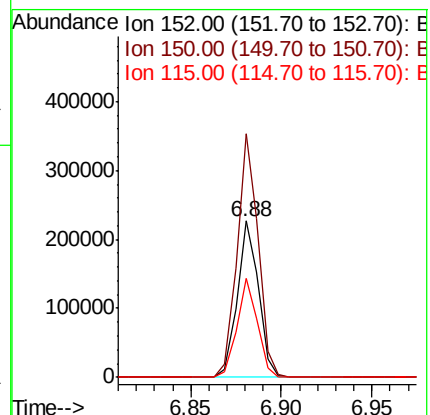
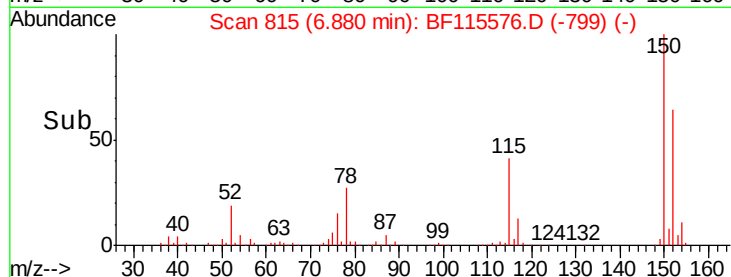
115 63.2 48.2 72.4



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: 43.008 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

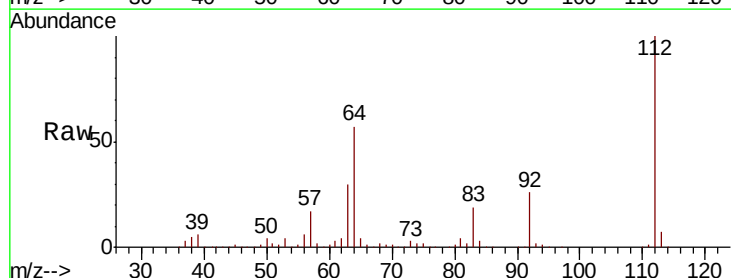
Tgt Ion:112 Resp: 484217

Ion Ratio Lower Upper

112 100

64 57.2 46.8 70.2

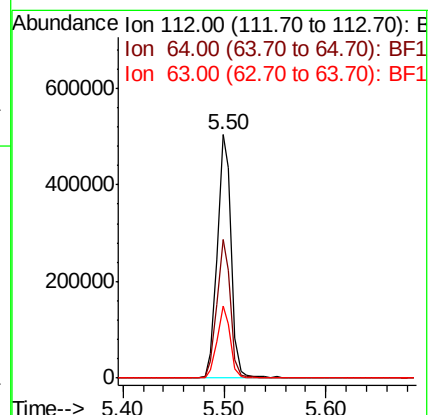
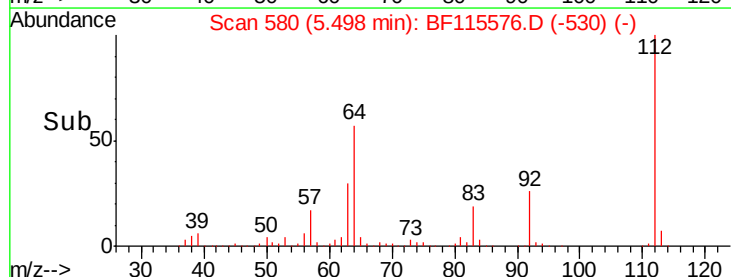
63 29.7 24.1 36.1

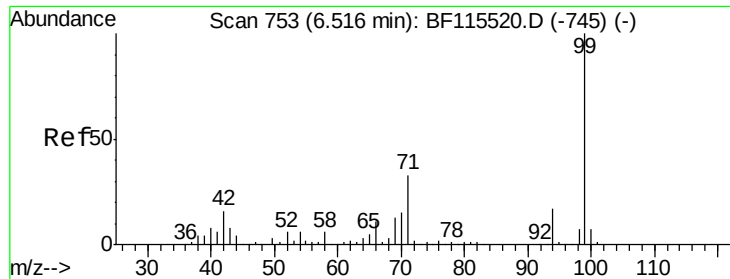


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 45.406 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-C

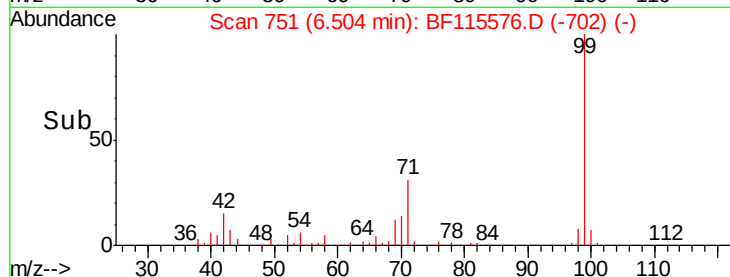
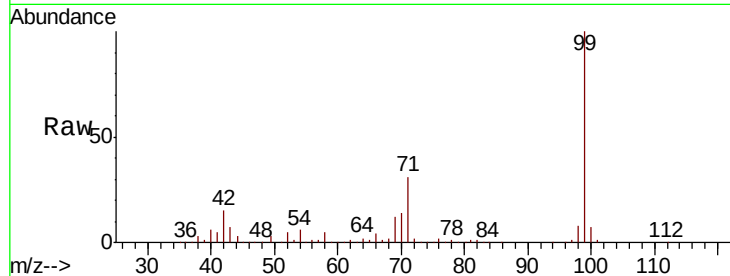
Tot Ion: 99 Resp: 648680

Ion Ratio Lower Upper

99 100

42 14.6 13.6 20.4

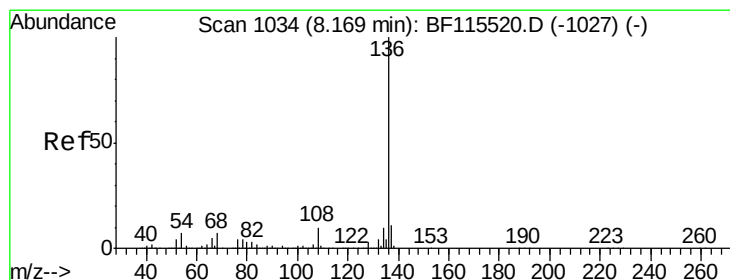
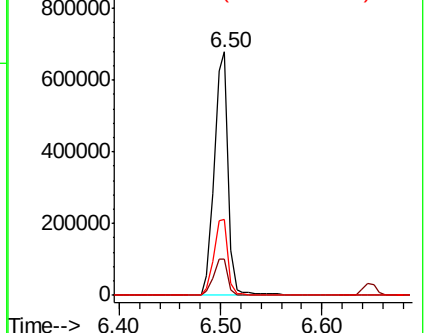
71 31.0 28.5 42.7



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. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

Tgt Ion: 136 Resp: 672949

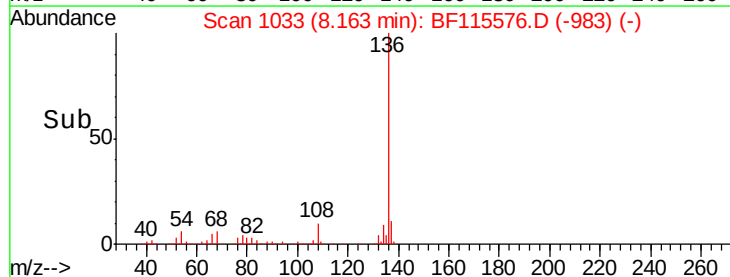
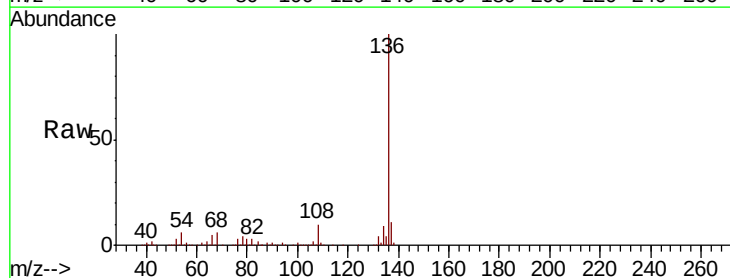
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.4 5.6 8.4

68 6.1 5.0 7.6

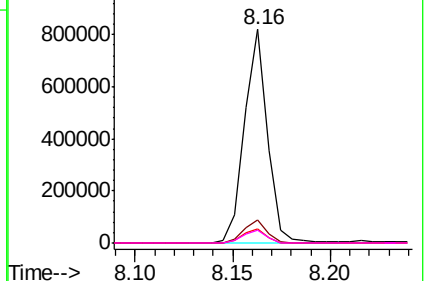


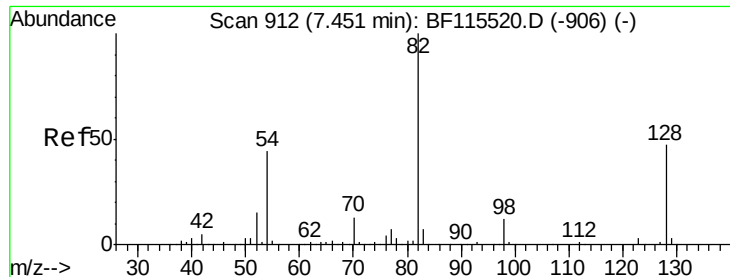
Abundance Ion 136.00 (135.70 to 136.70): E

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

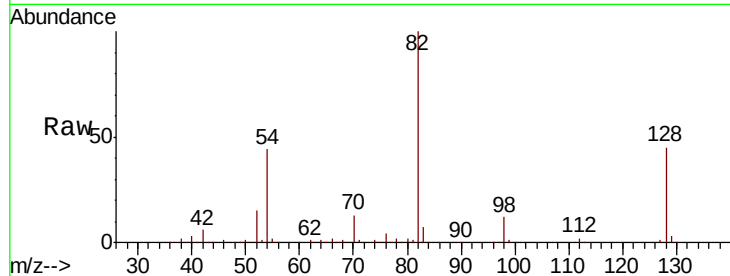




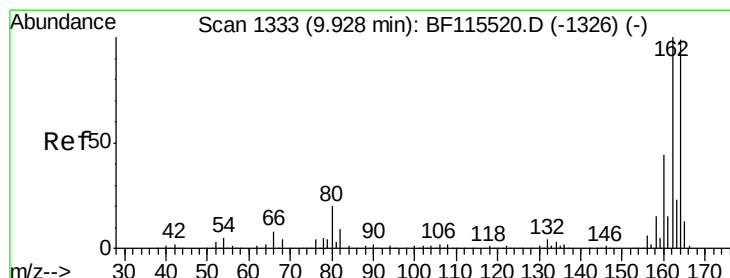
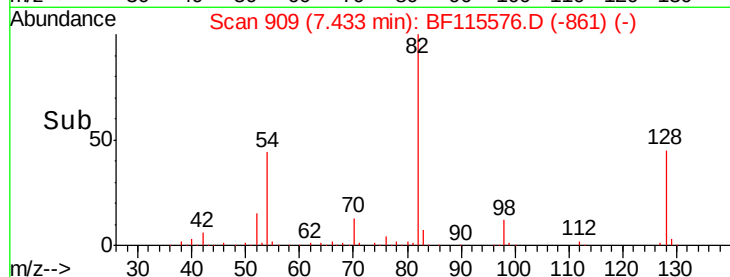
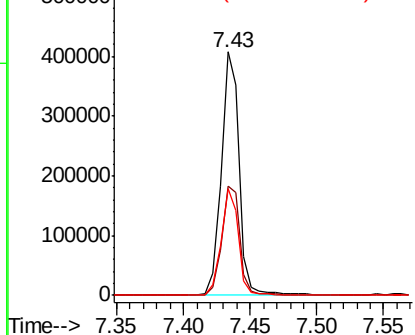
#23
 Nitrobenzene-d5
 Concen: 33.408 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115576.D
 Acq: 16 Jul 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-C

Tot Ion: 82 Resp: 386645
 Ion Ratio Lower Upper
 82 100
 128 44.8 38.6 57.8
 54 43.7 35.6 53.4

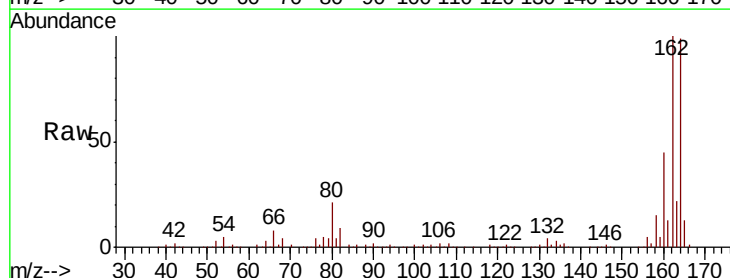


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

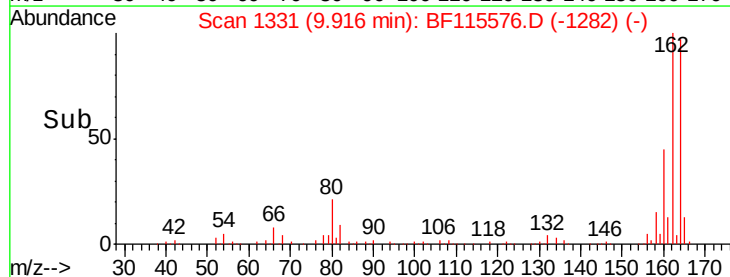
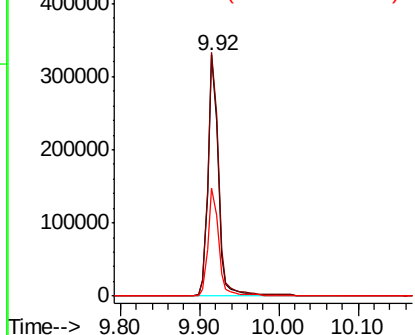


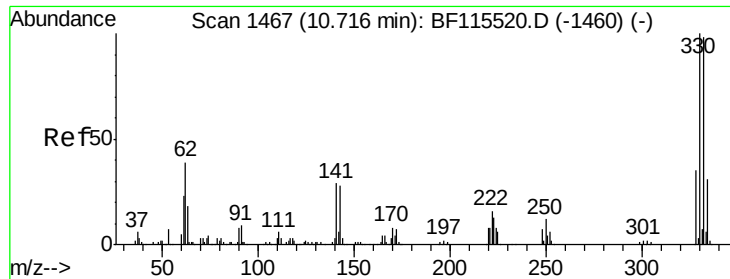
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115576.D
 Acq: 16 Jul 2019 00:06

Tgt Ion:164 Resp: 304669
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.9 124.3
 160 45.1 36.8 55.2



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: 39.431 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-C

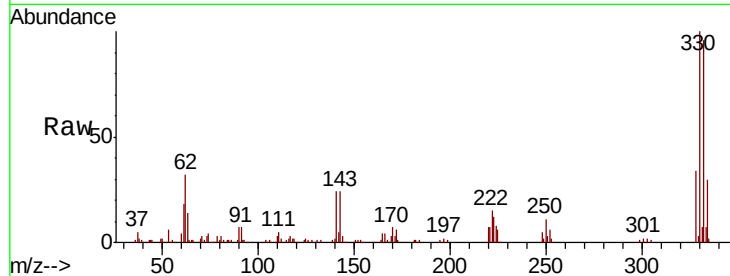
Tot Ion:330 Resp: 140227

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.2

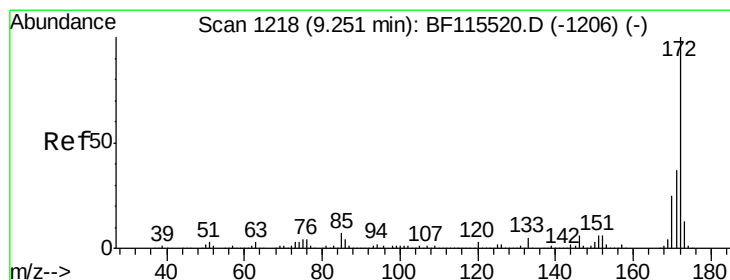
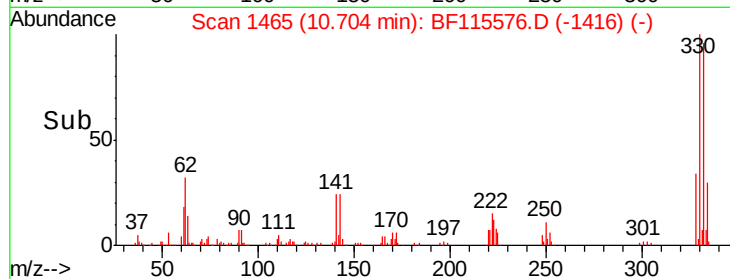
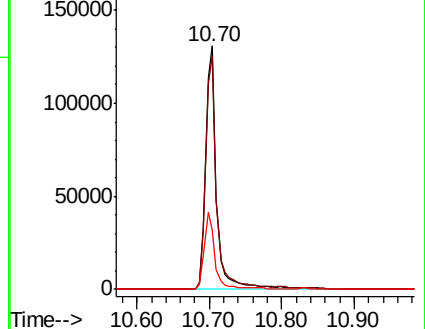
141 31.1 22.4 33.6



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: 37.727 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

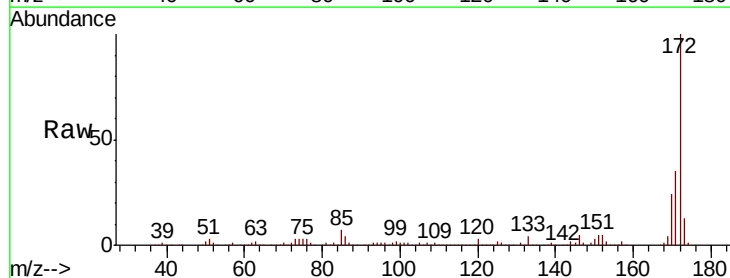
Tgt Ion:172 Resp: 656706

Ion Ratio Lower Upper

172 100

171 35.3 30.6 46.0

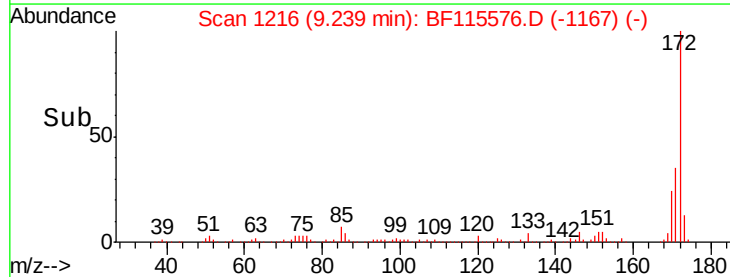
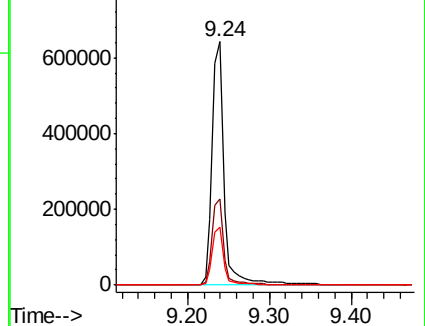
170 23.7 20.5 30.7

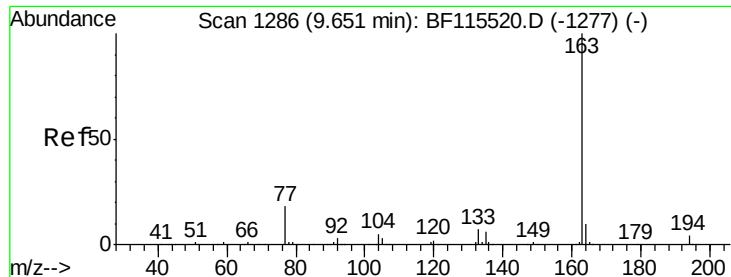


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.599 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-C

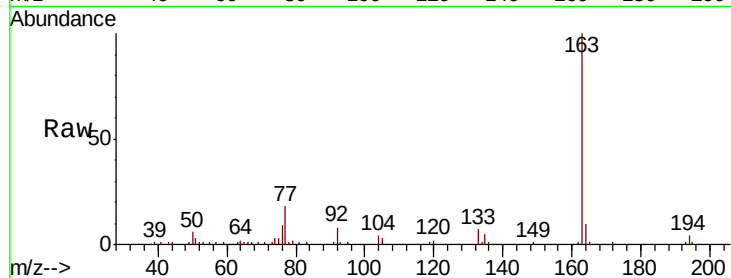
Tot Ion:163 Resp: 59578

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

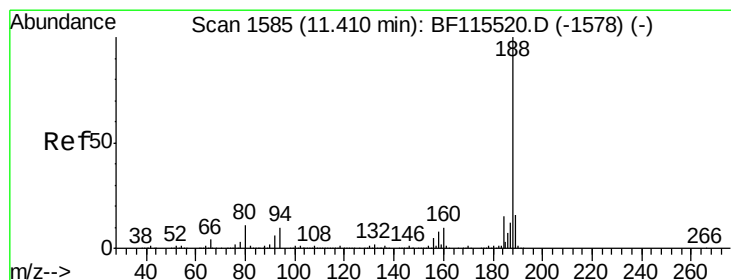
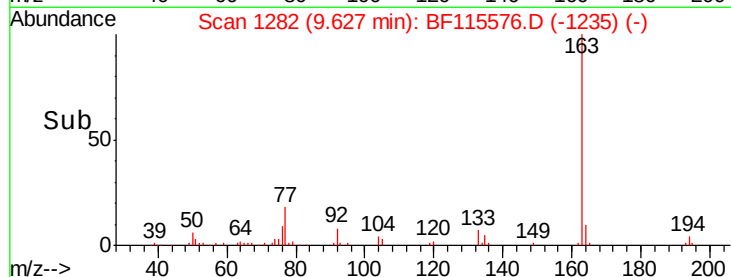
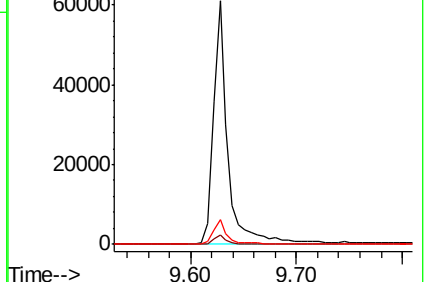
164 10.0 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

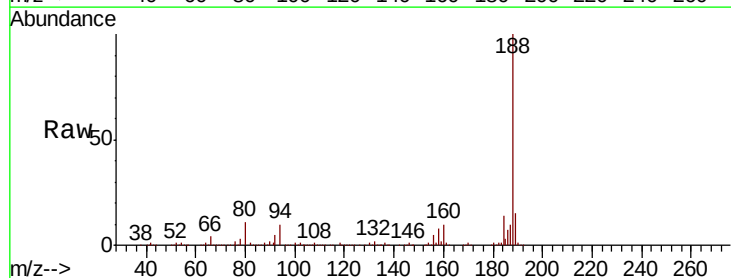
Tgt Ion:188 Resp: 500683

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

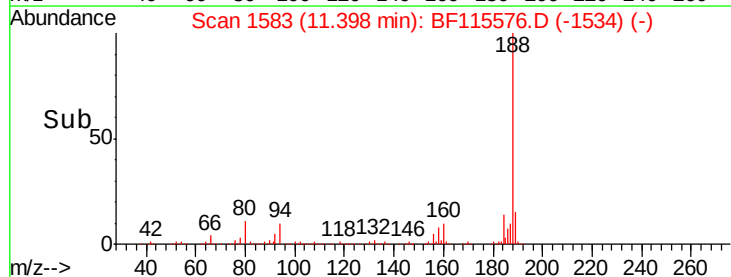
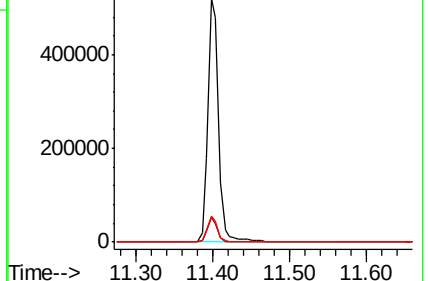
80 10.9 8.6 13.0

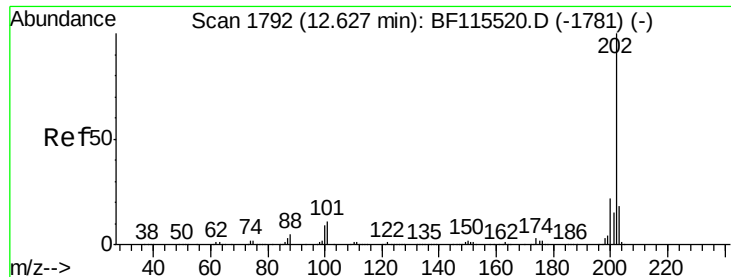


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

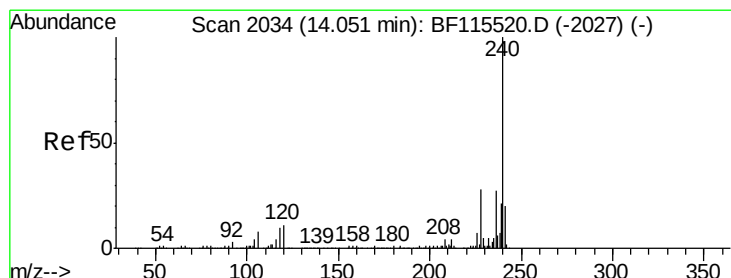
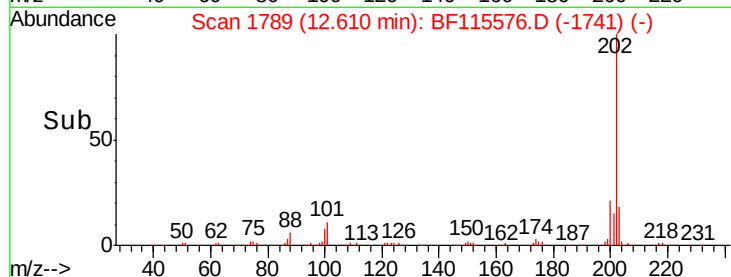
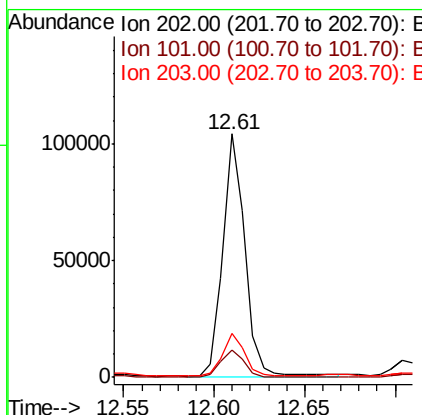
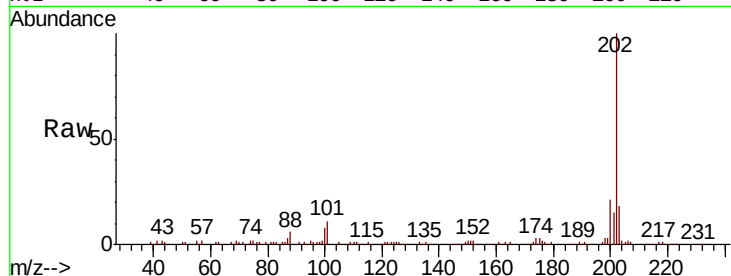




#75
Fluoranthene
Concen: 3.324 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115576.D
Acq: 16 Jul 2019 00:06

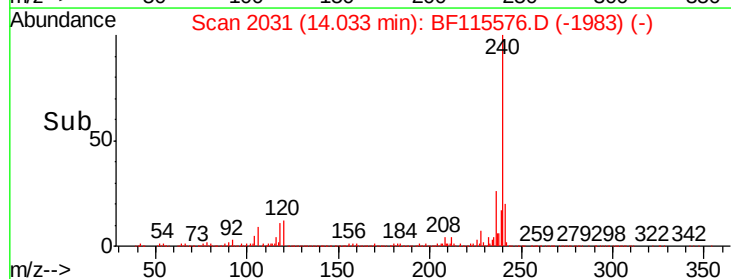
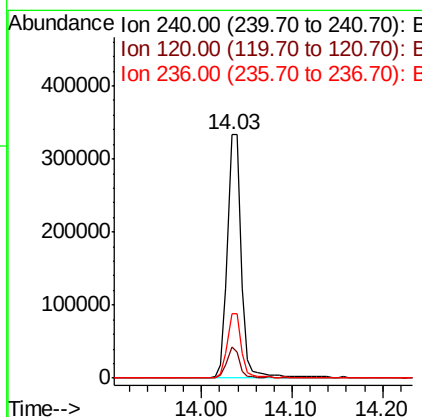
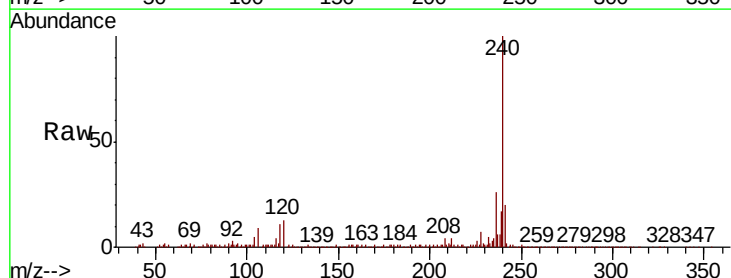
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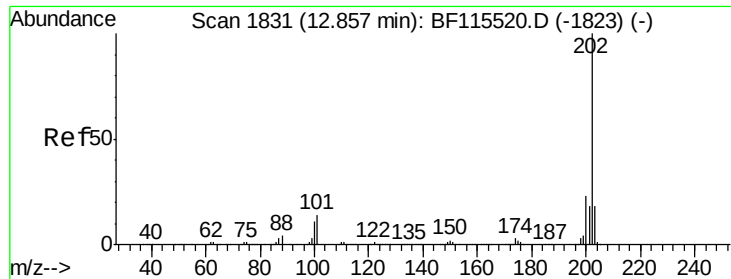
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.2	0.0	38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115576.D
Acq: 16 Jul 2019 00:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.6	13.0
236	26.5	21.3	31.9

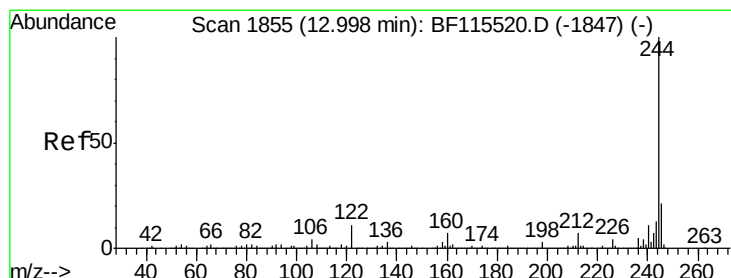
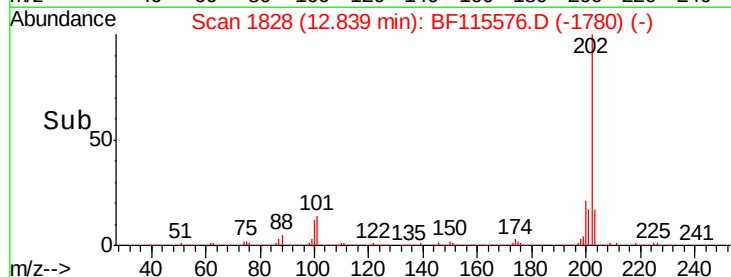
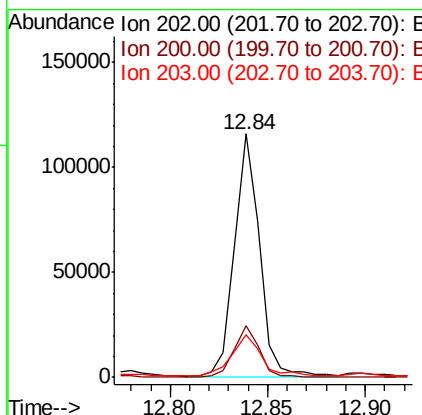
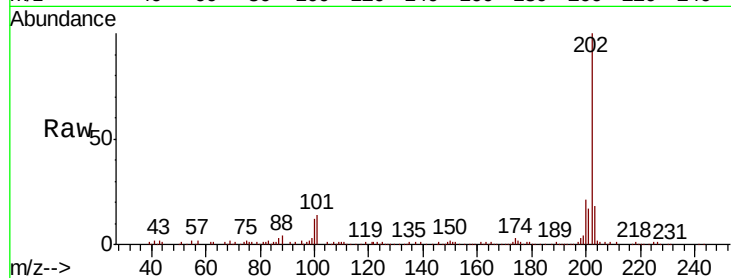




#78
Pvrene
Concen: 3.421 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115576.D
Acq: 16 Jul 2019 00:06

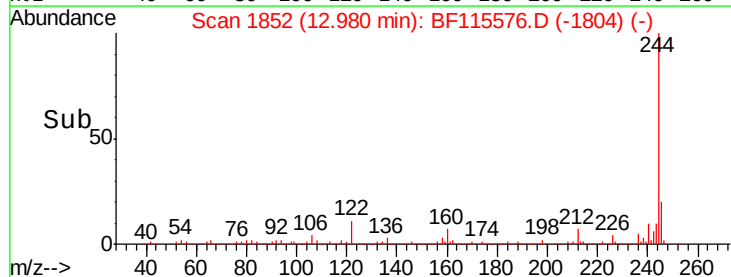
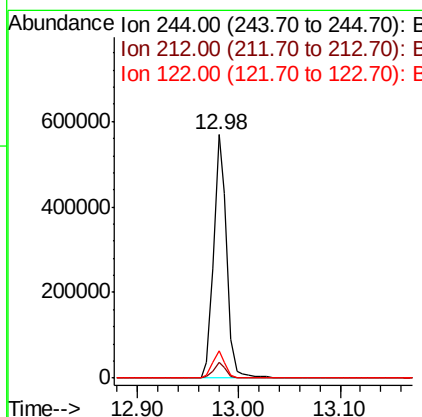
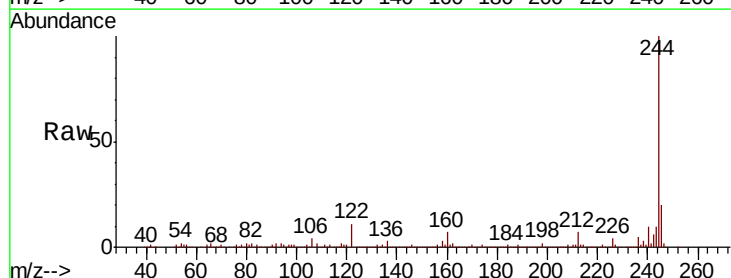
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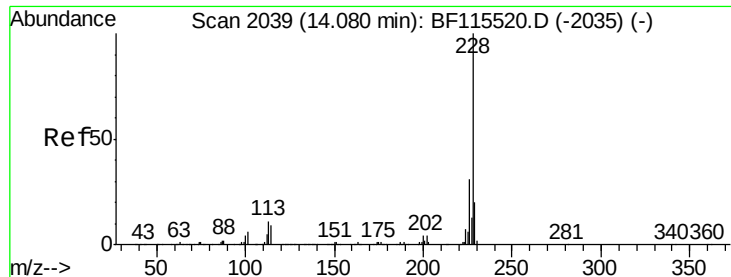
Tot Ion:202 Resp: 102752
Ion Ratio Lower Upper
202 100
200 21.2 18.7 28.1
203 17.6 15.2 22.8



#79
Terphenyl-d14
Concen: 26.595 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115576.D
Acq: 16 Jul 2019 00:06

Tgt Ion:244 Resp: 510959
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 11.4 8.6 12.8

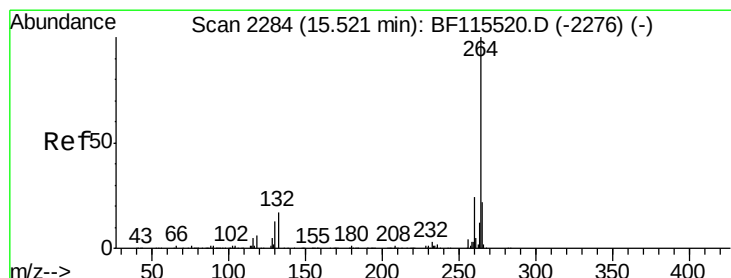
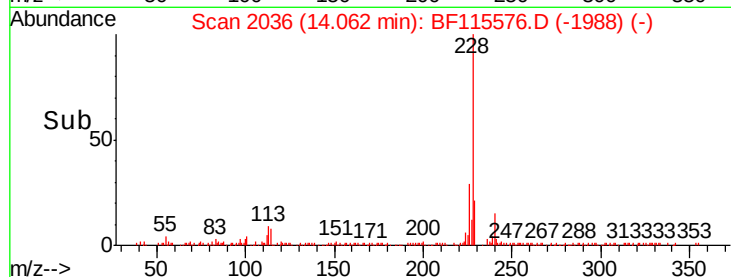
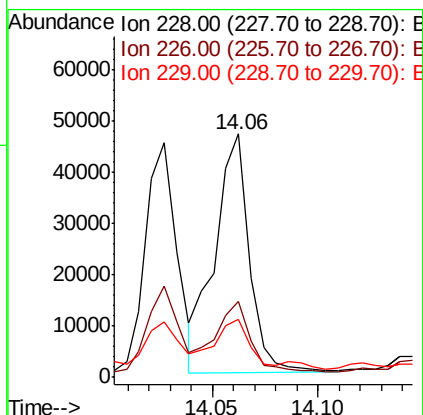
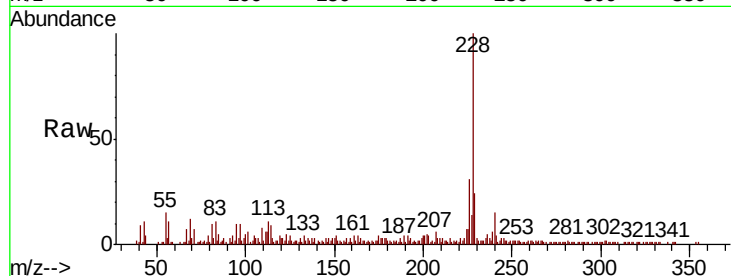




#83
Chrysene
Concen: 2.264 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115576.D
Acq: 16 Jul 2019 00:06

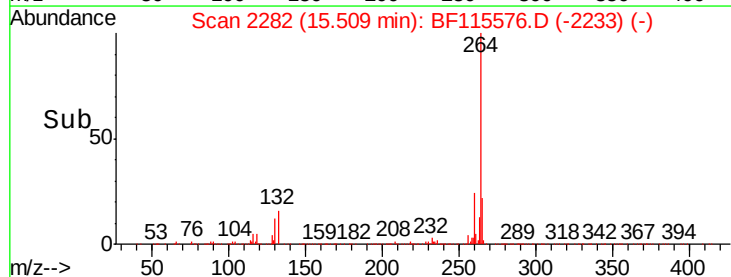
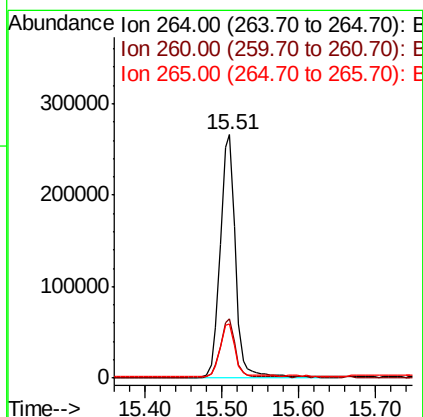
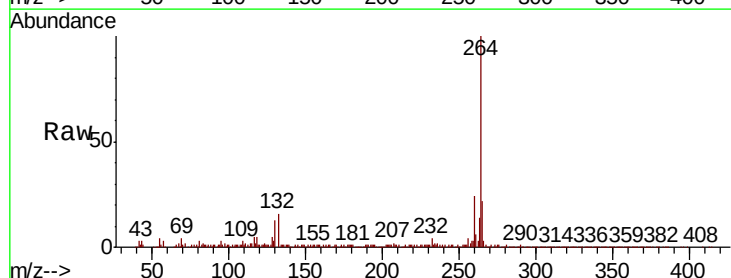
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-C

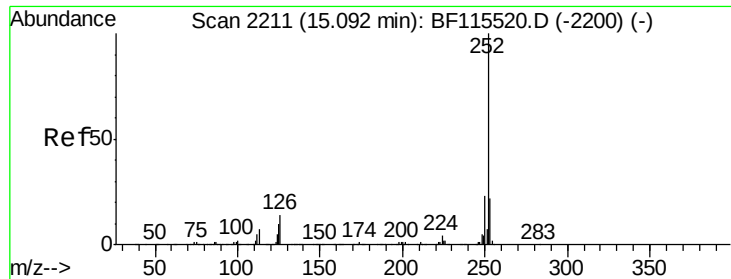
Tot Ion:228 Resp: 53091
Ion Ratio Lower Upper
228 100
226 30.9 25.7 38.5
229 23.8 16.6 25.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115576.D
Acq: 16 Jul 2019 00:06

Tgt Ion:264 Resp: 360384
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.5 17.7 26.5





#88

Benzo(b)fluoranthene

Concen: 2.183 ng/mL

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115576.D

Acq: 16 Jul 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-C

Tot Ion: 252 Resp: 50654

Ion Ratio Lower Upper

252 100

253 28.7 18.1 27.1#

125 18.4 9.0 13.4#

