

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117538.D
 Acq On : 25 Oct 2019 16:12
 Operator : JU
 Sample : K5500-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 802-50-(0-1.1)

Quant Time: Oct 26 05:48:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

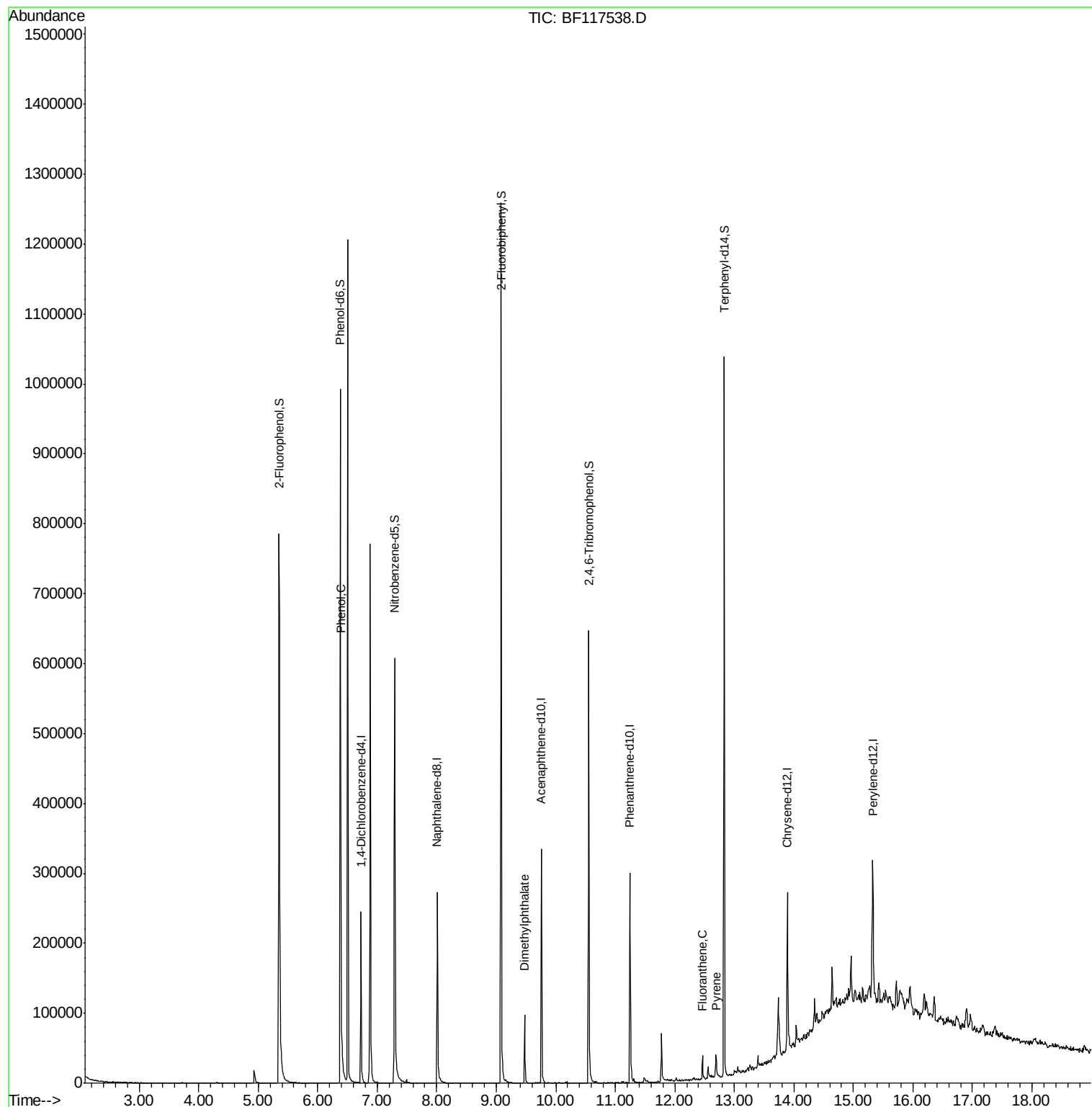
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37789	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	147009	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	74094	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	114809	20.00	ng	0.00
76) Chrysene-d12	13.89	240	77736	20.00	ng	0.00
87) Perylene-d12	15.33	264	80454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	279565	110.06	ng	0.00
7) Phenol-d6	6.38	99	381932	111.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	240613	80.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	70556	110.05	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	390060	74.17	ng	-0.01
79) Terphenyl-d14	12.83	244	317355	66.59	ng	0.00
Target Compounds						
10) Phenol	6.39	94	9071	2.605	ng	93
50) Dimethylphthalate	9.48	163	42412	8.029	ng	99
75) Fluoranthene	12.46	202	14503	2.173	ng	96
78) Pyrene	12.69	202	14082	2.109	ng	97

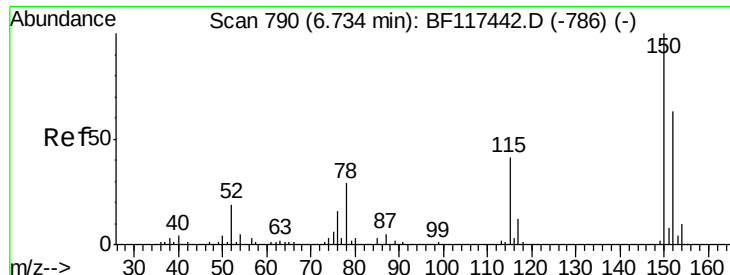
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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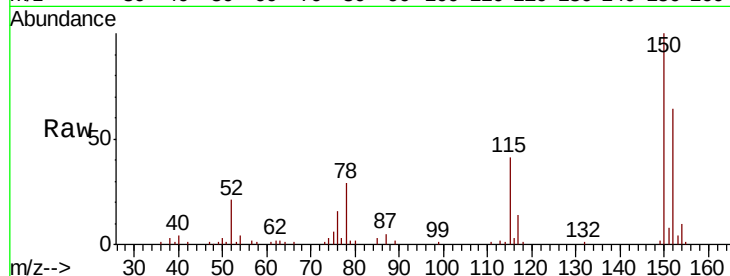


#1

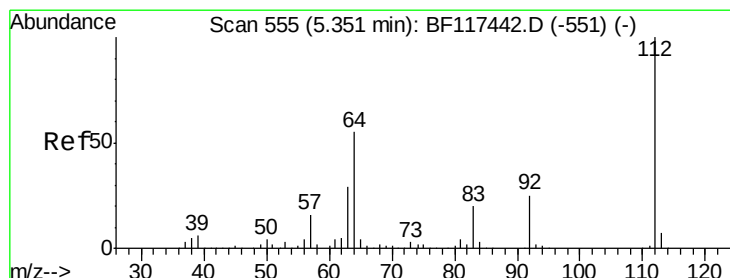
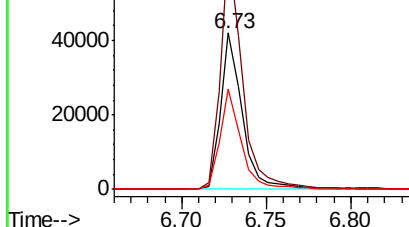
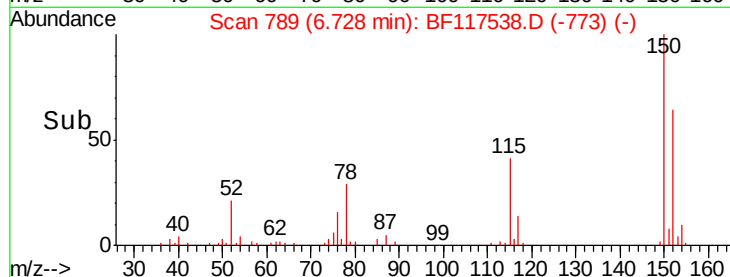
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117538.D
Acq: 25 Oct 2019 16:12

Instrument :
BNA_F
ClientSampleId :
802-50-(0-1.1)

Tot Ion:152 Resp: 37789
Ion Ratio Lower Upper
152 100
150 155.6 126.8 190.2
115 63.8 51.6 77.4



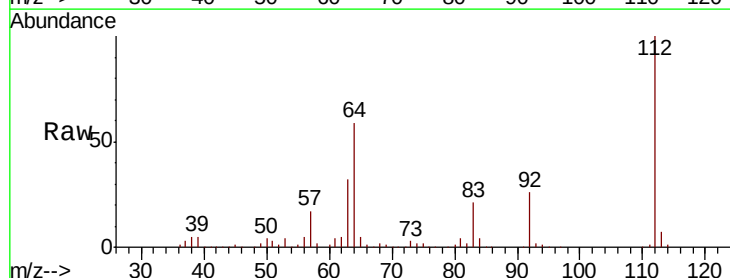
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



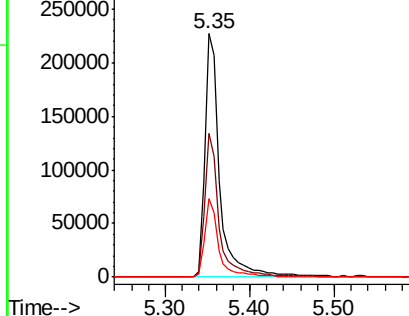
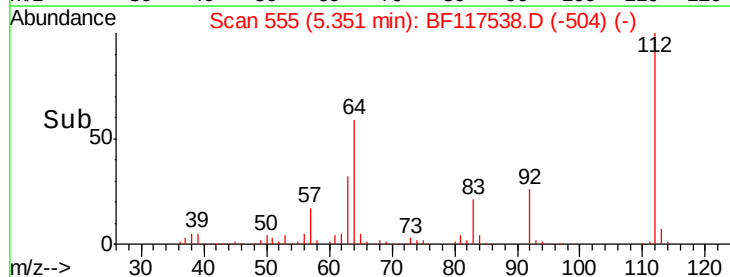
#5

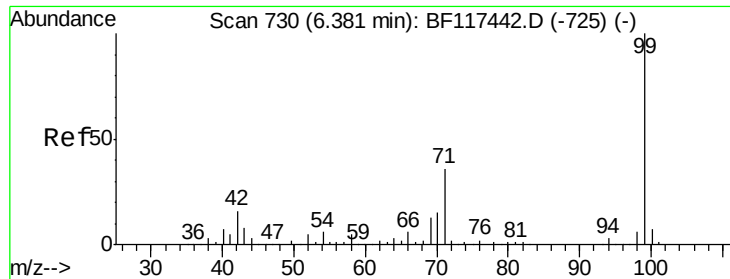
2-Fluorophenol
Concen: 110.061 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117538.D
Acq: 25 Oct 2019 16:12

Tgt Ion:112 Resp: 279565
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 32.3 23.4 35.2



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: 111.950 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

Instrument :

BNA_F

ClientSampleId :

802-50-(0-1.1)

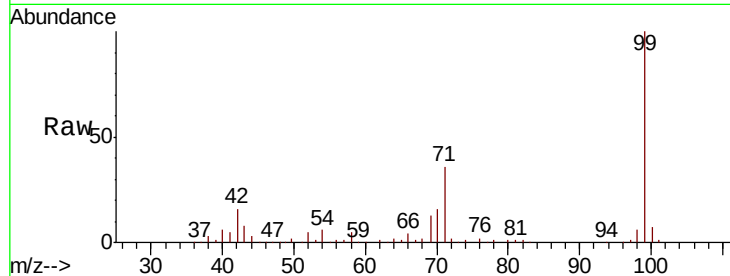
Tot Ion: 99 Resp: 381932

Ion Ratio Lower Upper

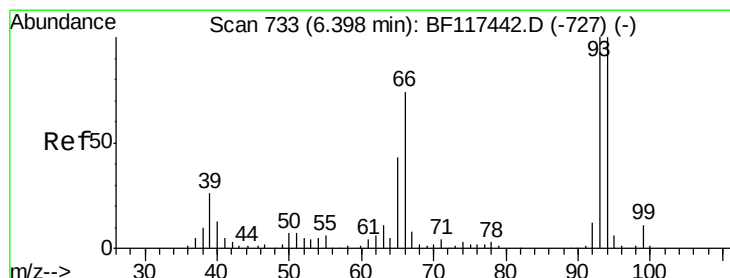
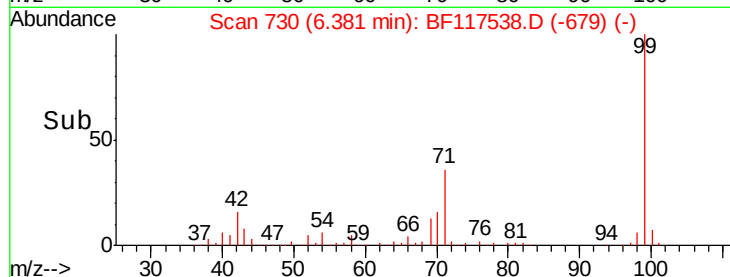
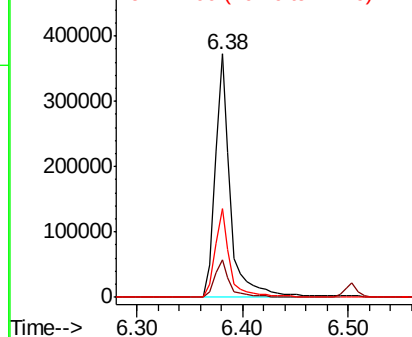
99 100

42 15.5 12.8 19.2

71 36.3 28.6 43.0



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



#10

Phenol

Concen: 2.605 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

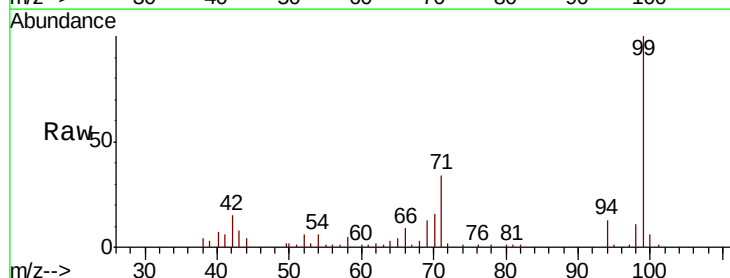
Tgt Ion: 94 Resp: 9071

Ion Ratio Lower Upper

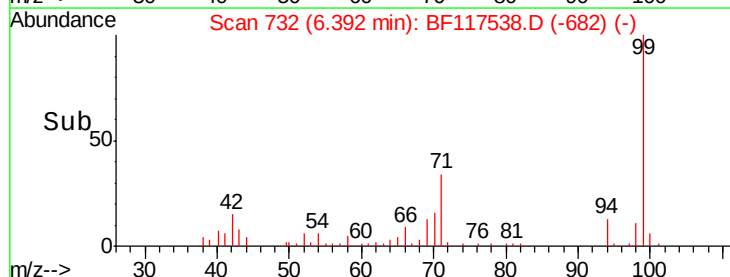
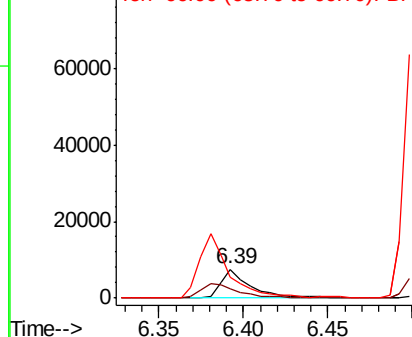
94 100

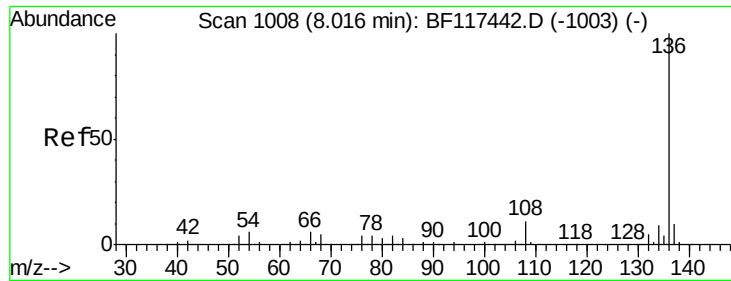
65 32.2 23.4 63.4

66 74.0 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

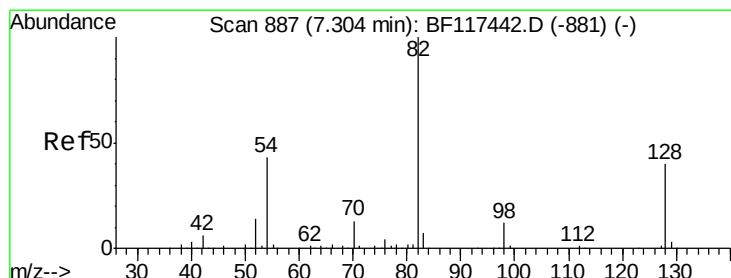
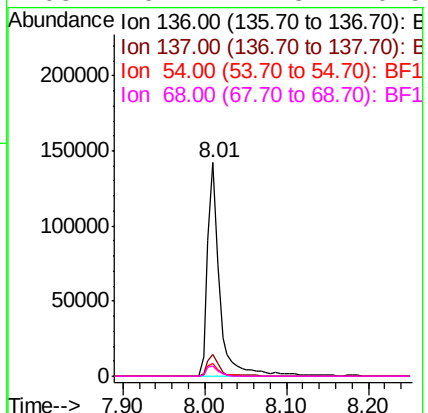
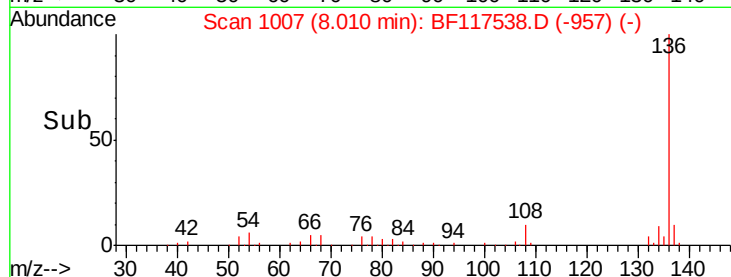
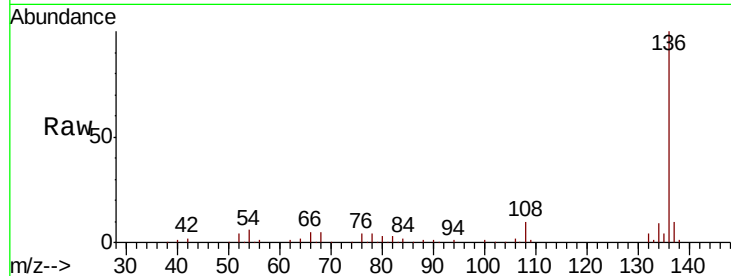




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117538.D
Acq: 25 Oct 2019 16:12

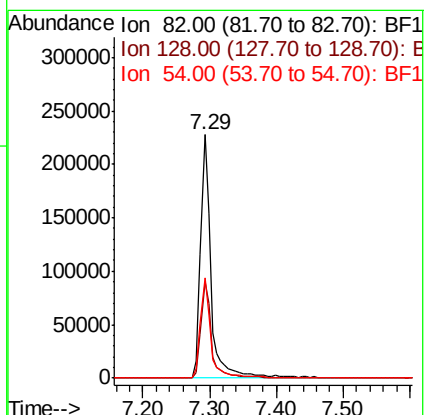
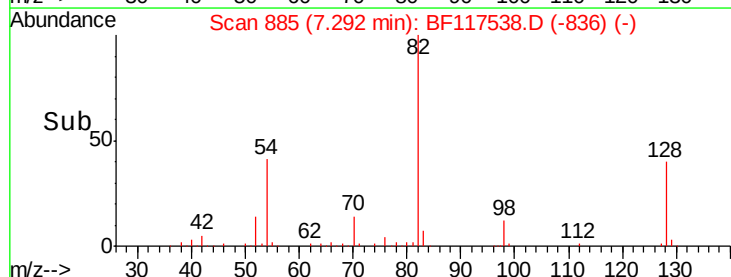
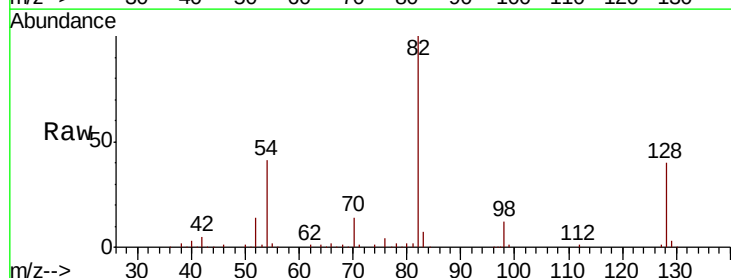
Instrument :
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802-50-(0-1.1)

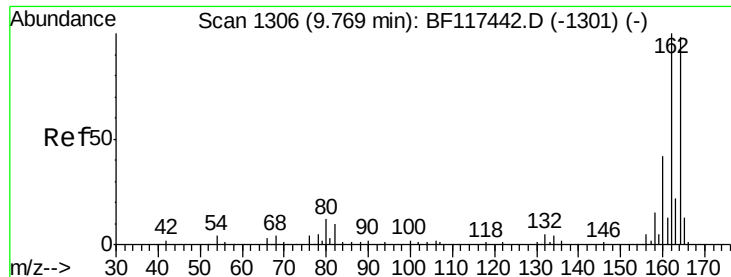
Tot Ion:	136	Resp:	147009
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	5.9	4.5	6.7
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 80.802 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117538.D
Acq: 25 Oct 2019 16:12

Tgt Ion:	82	Resp:	240613
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.2	48.2
54	41.3	34.2	51.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

Instrument :

BNA_F

ClientSampleId :

802-50-(0-1.1)

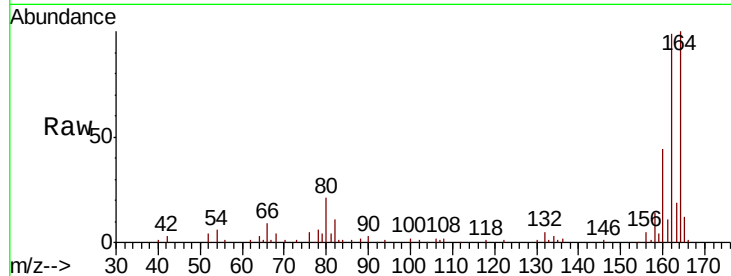
Tot Ion:164 Resp: 74094

Ion Ratio Lower Upper

164 100

162 98.7 81.8 122.6

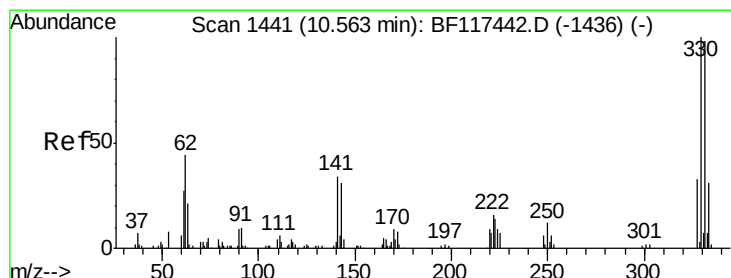
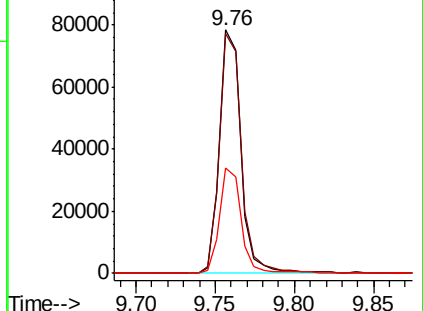
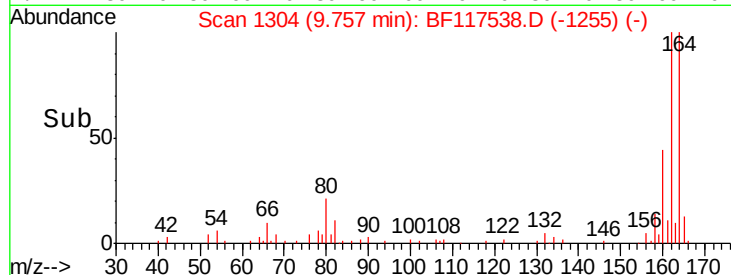
160 43.5 34.4 51.6



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: 110.054 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

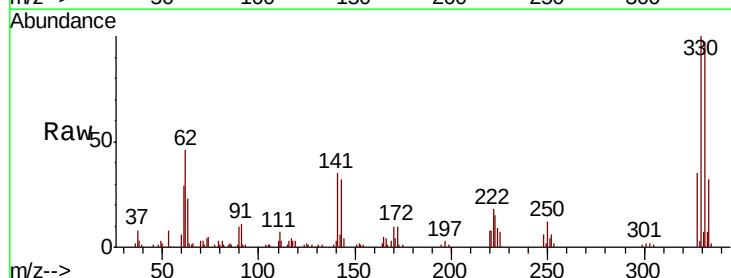
Tgt Ion:330 Resp: 70556

Ion Ratio Lower Upper

330 100

332 95.2 78.5 117.7

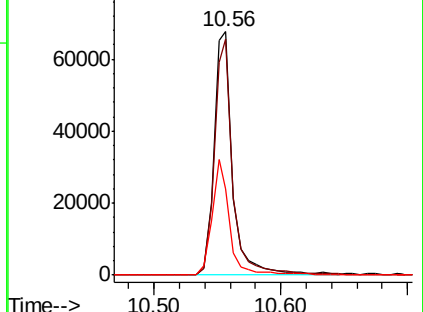
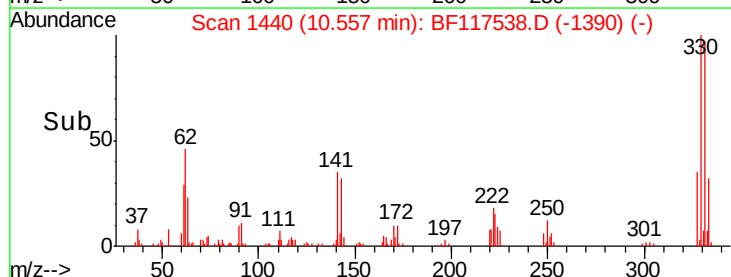
141 44.2 37.0 55.6

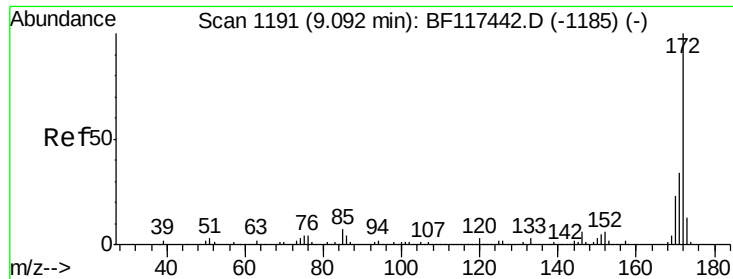


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

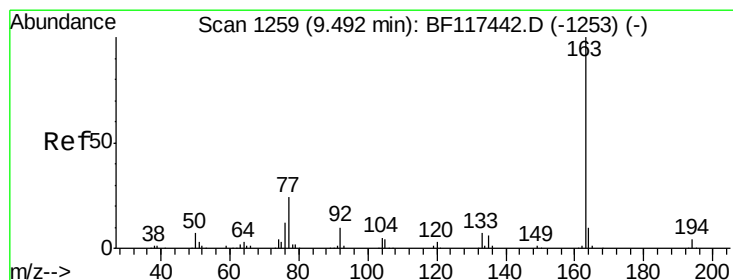
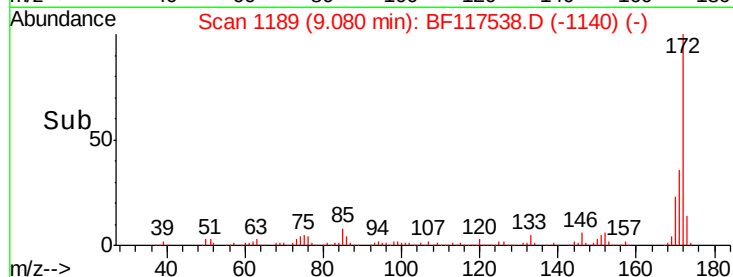
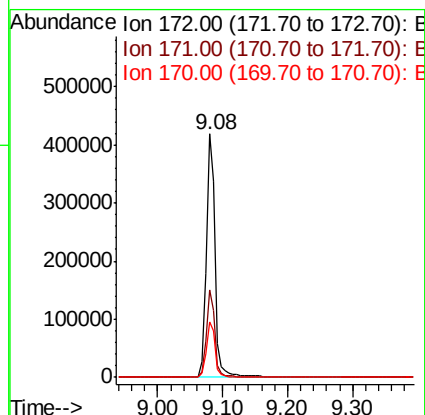
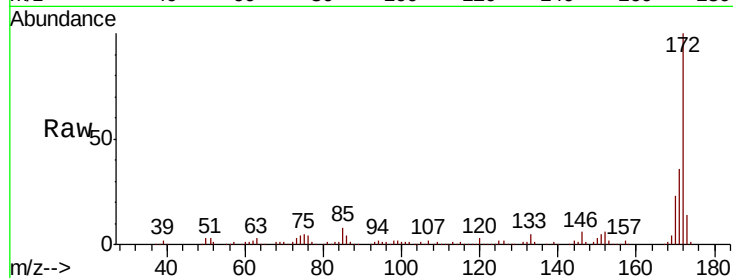




#45
 2-Fluorobiphenyl
 Concen: 74.175 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117538.D
 Acq: 25 Oct 2019 16:12

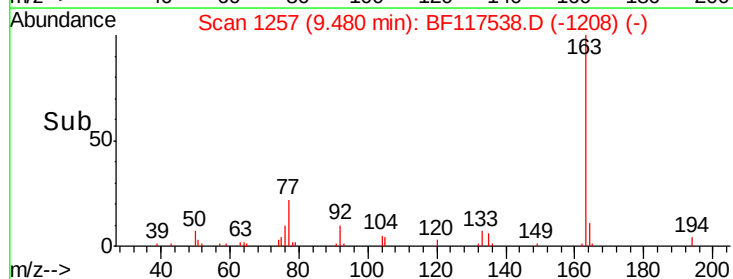
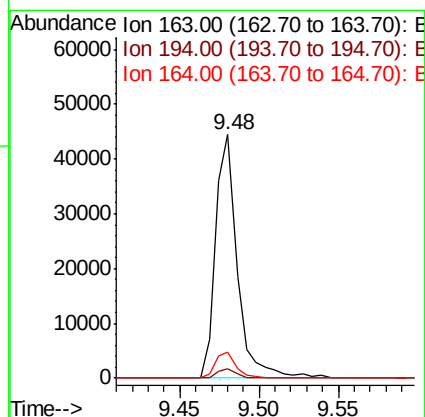
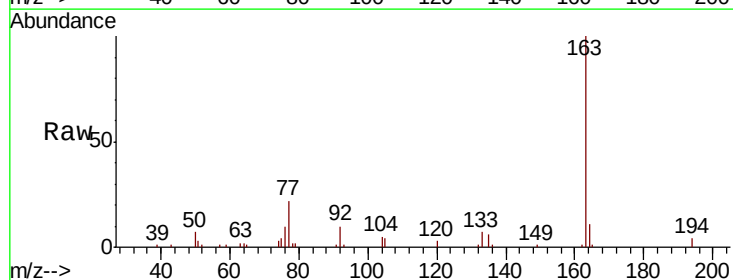
Instrument :
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 802-50-(0-1.1)

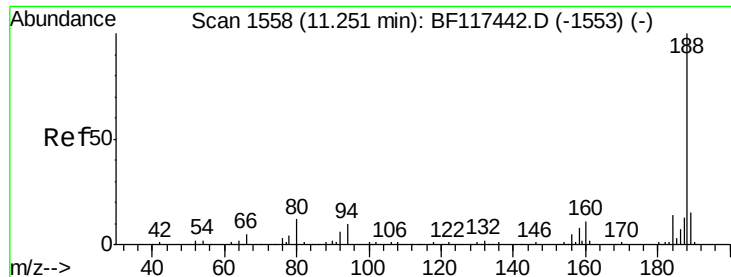
Tot Ion:172 Resp: 390060
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.5 41.3
 170 22.9 18.6 27.8



#50
 Dimethylphthalate
 Concen: 8.029 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117538.D
 Acq: 25 Oct 2019 16:12

Tgt Ion:163 Resp: 42412
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.9 4.3
 164 10.8 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

Instrument :

BNA_F

ClientSampleId :

802-50-(0-1.1)

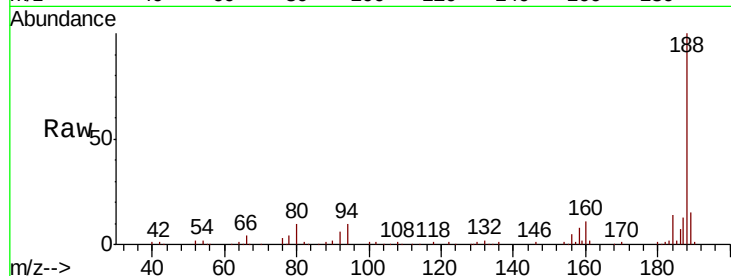
Tot Ion:188 Resp: 114809

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

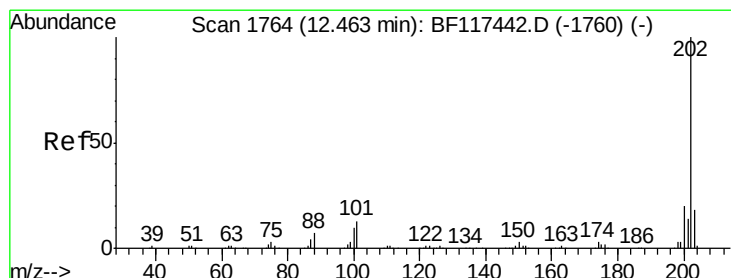
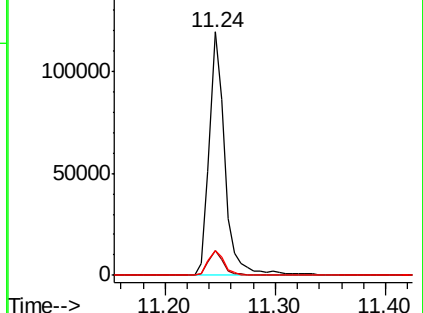
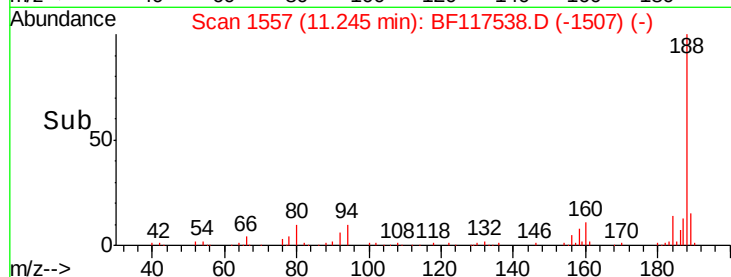
80 10.4 9.5 14.3



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: 2.173 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

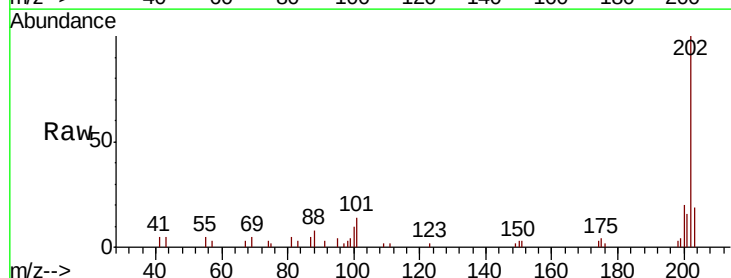
Tgt Ion:202 Resp: 14503

Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.7

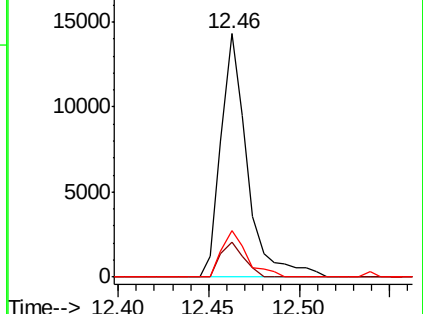
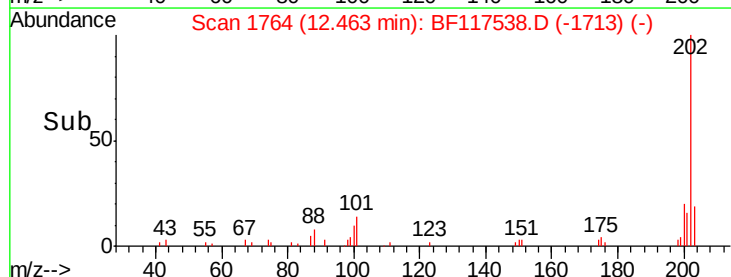
203 18.8 0.0 37.6

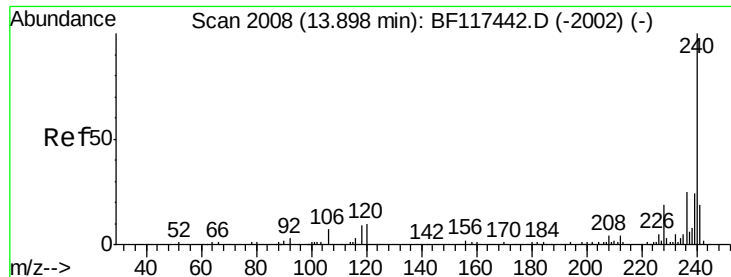


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

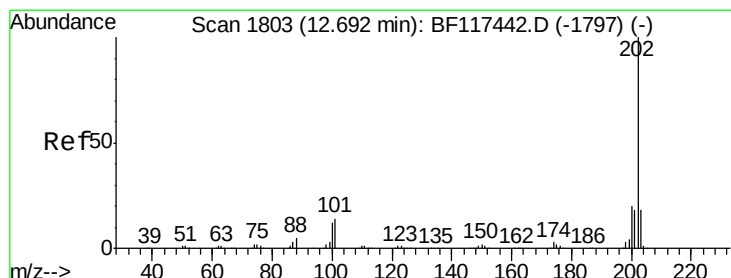
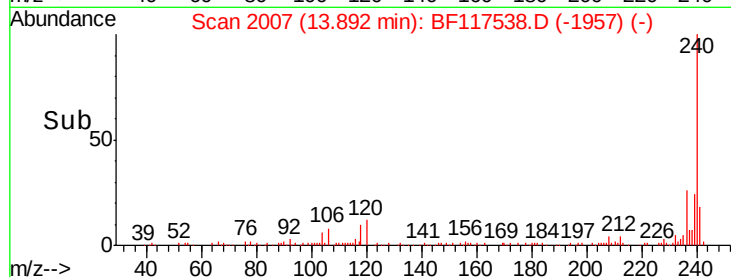
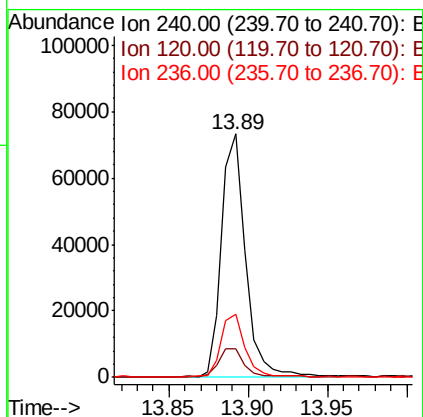
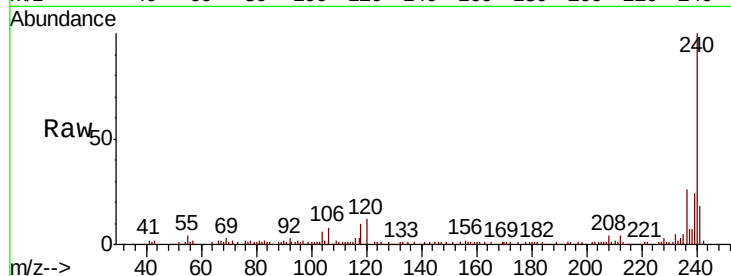




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117538.D
Acq: 25 Oct 2019 16:12

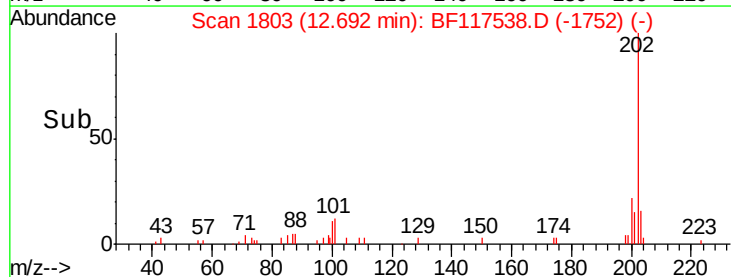
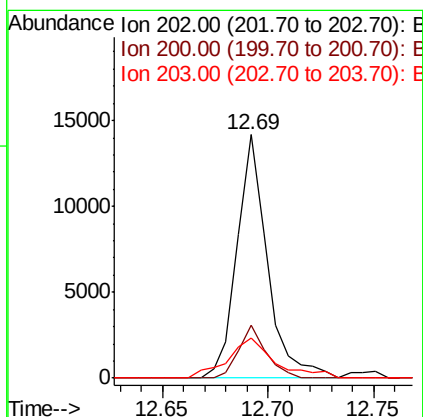
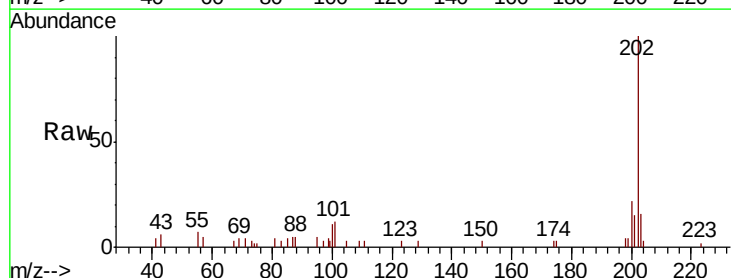
Instrument :
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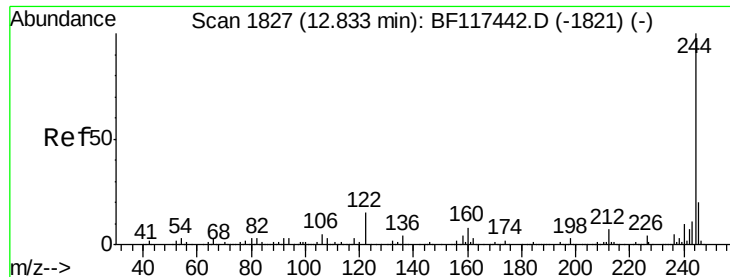
Tot Ion:240 Resp: 77736
Ion Ratio Lower Upper
240 100
120 11.9 8.4 12.6
236 25.8 20.0 30.0



#78
Pyrene
Concen: 2.109 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117538.D
Acq: 25 Oct 2019 16:12

Tgt Ion:202 Resp: 14082
Ion Ratio Lower Upper
202 100
200 21.7 16.2 24.2
203 16.5 14.0 21.0





#79

Terphenyl-d14

Concen: 66.590 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

Instrument :

BNA_F

ClientSampleId :

802-50-(0-1.1)

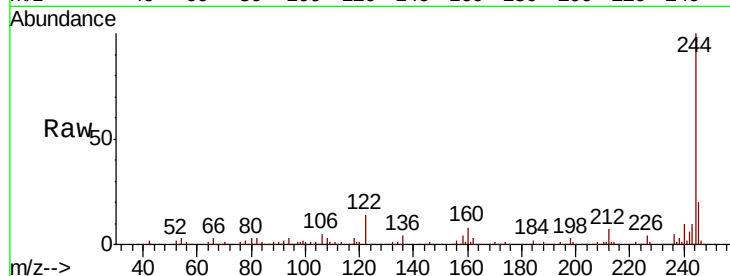
Tot Ion:244 Resp: 317355

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

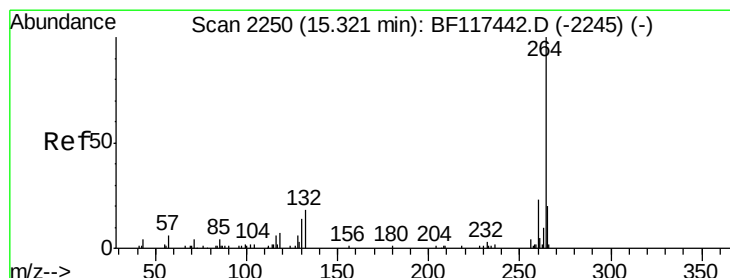
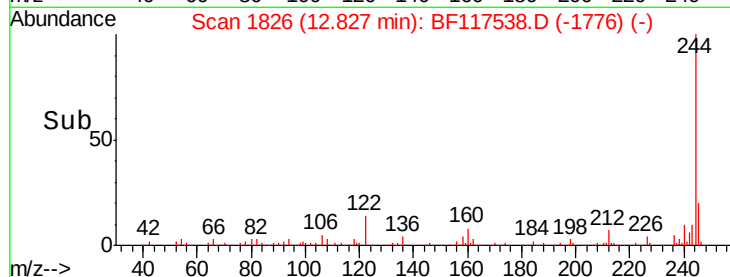
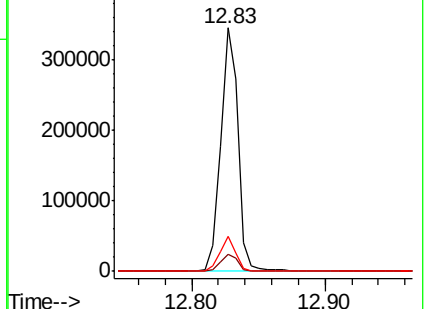
122 14.2 11.8 17.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117538.D

Acq: 25 Oct 2019 16:12

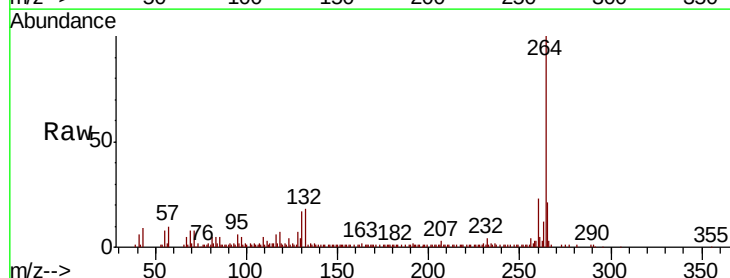
Tgt Ion:264 Resp: 80454

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 20.8 16.1 24.1



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

