

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115631.D
 Acq On : 17 Jul 2019 19:25
 Operator : HP/JU
 Sample : K3835-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)

Quant Time: Jul 18 05:39:24 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

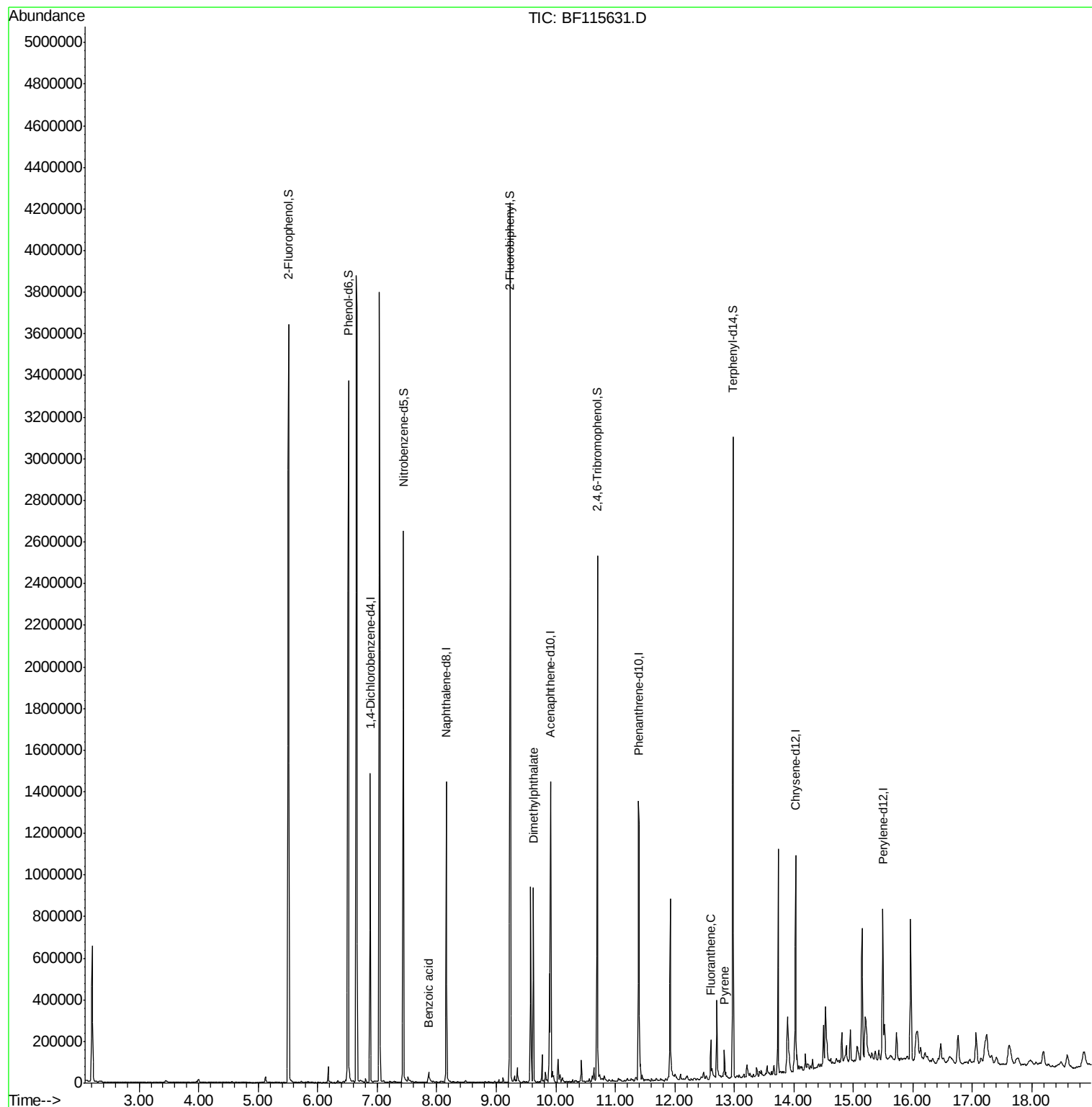
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197043	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	640364	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	294473	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	496575	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	306015	20.00	ng	-0.02
87) Perylene-d12	15.49	264	332984	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1111030	92.23	ng	0.00
7) Phenol-d6	6.52	99	1505550	98.50	ng	0.00
23) Nitrobenzene-d5	7.44	82	907248	82.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	314650	91.54	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1361677	80.94	ng	-0.02
79) Terphenyl-d14	12.98	244	1113254	67.13	ng	-0.02
Target Compounds						
32) Benzoic acid	7.86	122	17281	2.302	ng	96
50) Dimethylphthalate	9.62	163	325642	14.698	ng	99
75) Fluoranthene	12.60	202	57268	2.129	ng	98
78) Pyrene	12.83	202	52237	2.015	ng	96

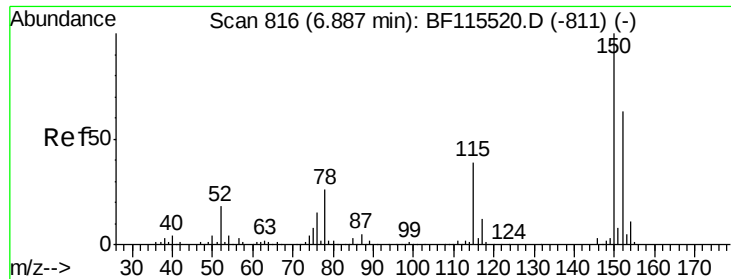
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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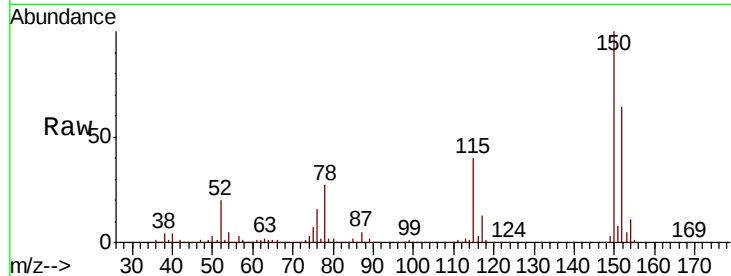


#1

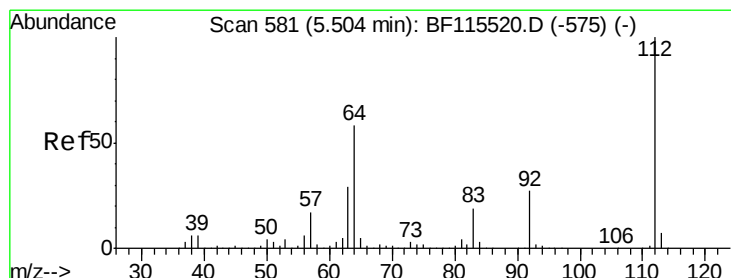
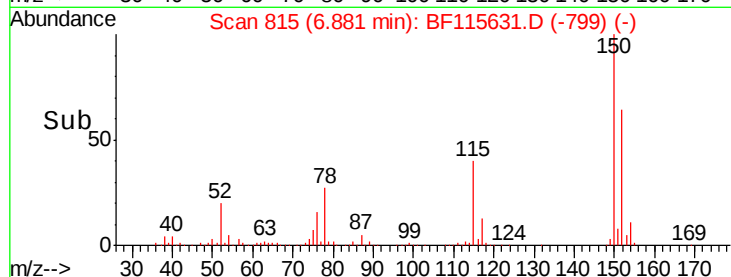
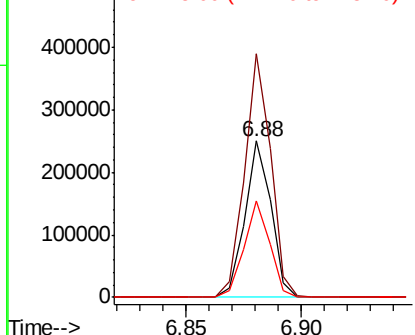
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)

Tot Ion:152 Resp: 197043
Ion Ratio Lower Upper
152 100
150 155.7 129.7 194.5
115 61.7 48.2 72.4



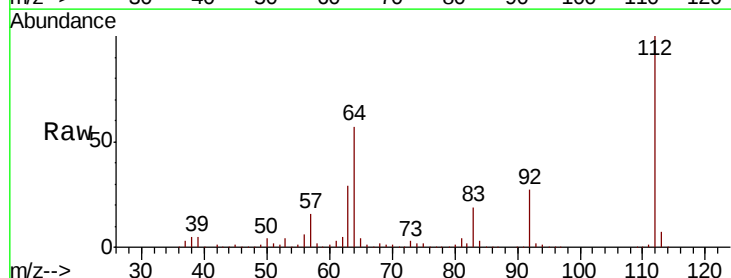
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



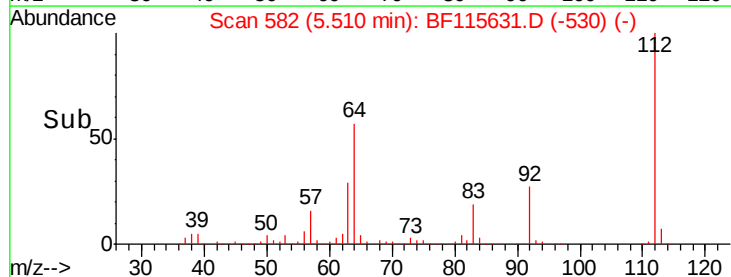
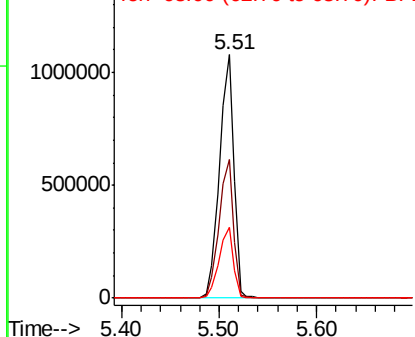
#5

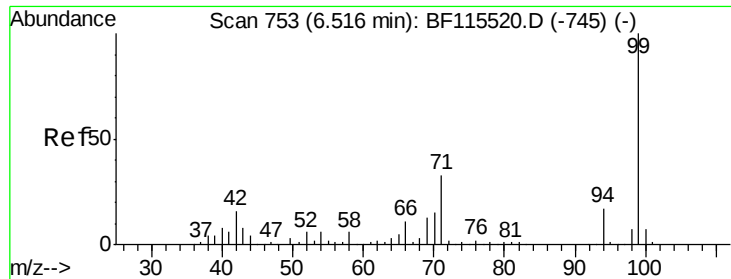
2-Fluorophenol
Concen: 92.230 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

Tgt Ion:112 Resp: 1111030
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.1 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: 98.496 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115631.D

Acq: 17 Jul 2019 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12(0-2)

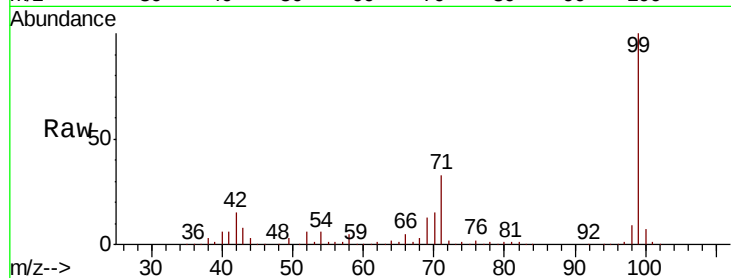
Tot Ion: 99 Resp: 1505550

Ion Ratio Lower Upper

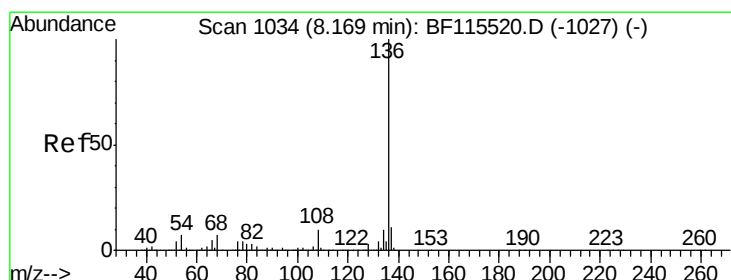
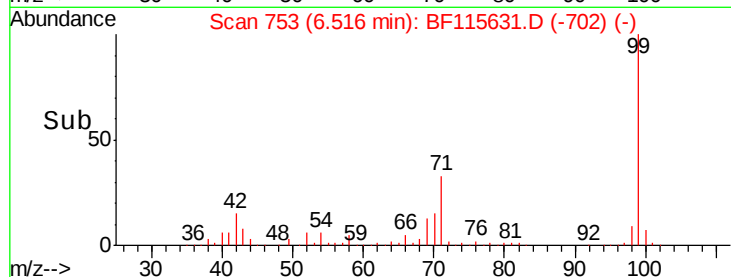
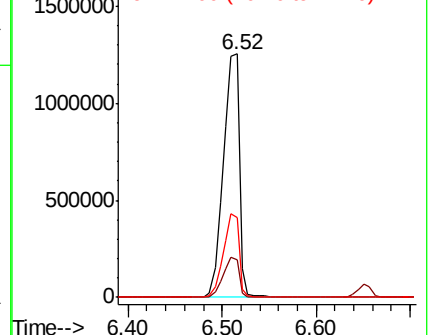
99 100

42 15.4 13.6 20.4

71 32.6 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: BF115631.D

Acq: 17 Jul 2019 19:25

Tgt Ion: 136 Resp: 640364

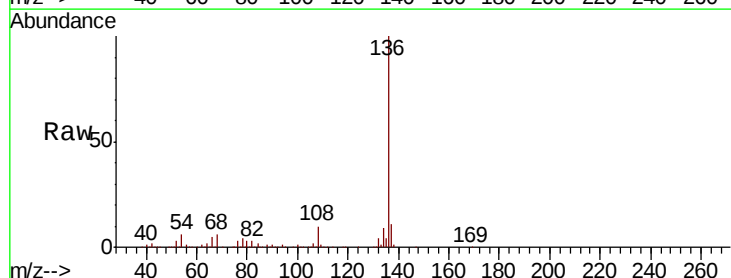
Ion Ratio Lower Upper

136 100

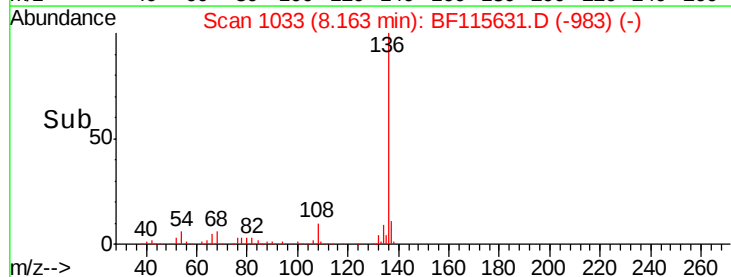
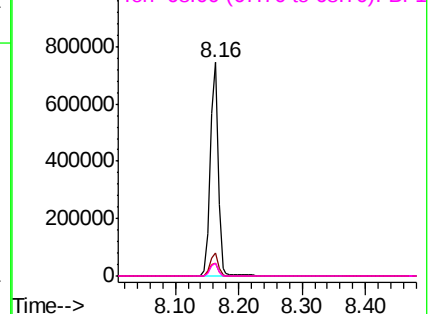
137 10.9 9.0 13.4

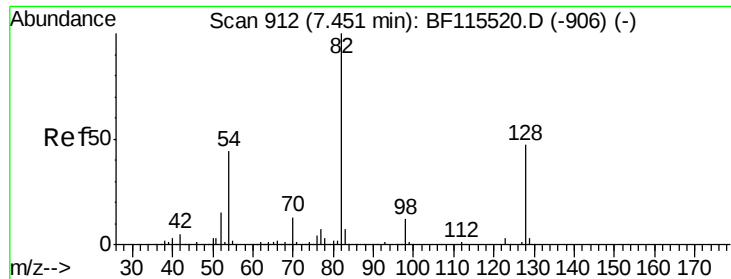
54 6.3 5.6 8.4

68 5.7 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

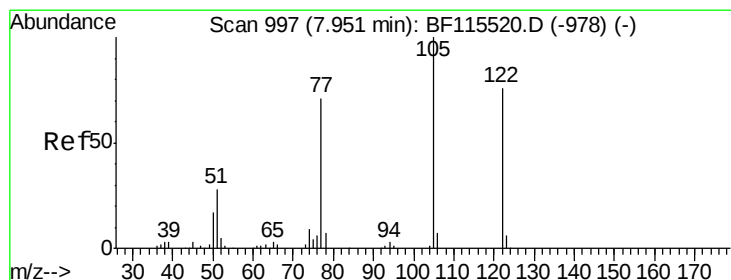
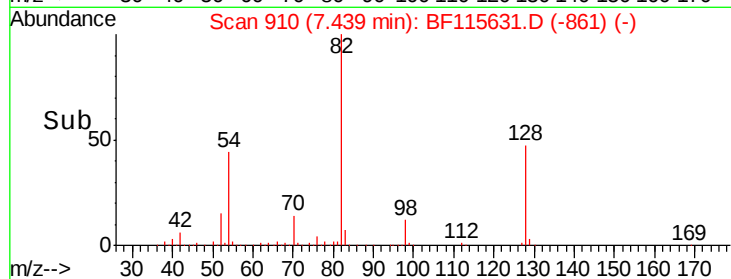
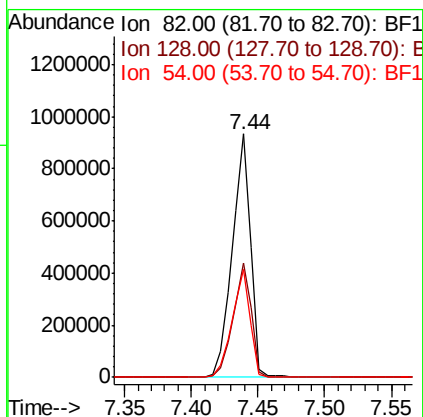
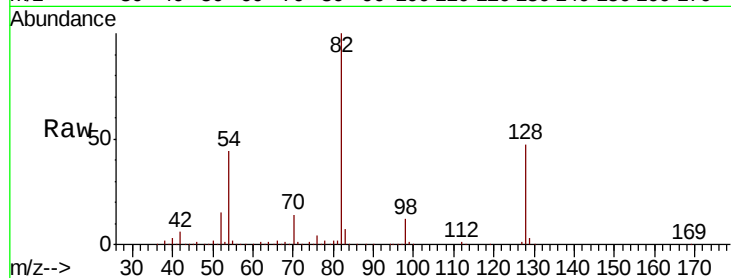




#23
 Nitrobenzene-d5
 Concen: 82.380 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115631.D
 Acq: 17 Jul 2019 19:25

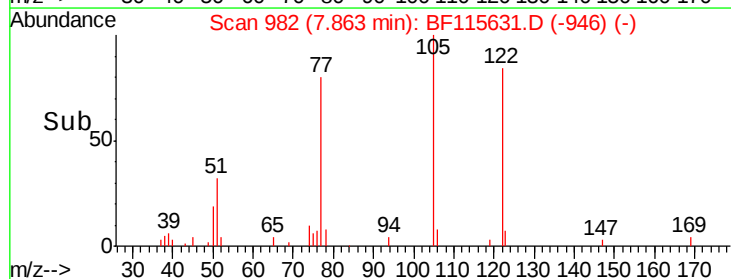
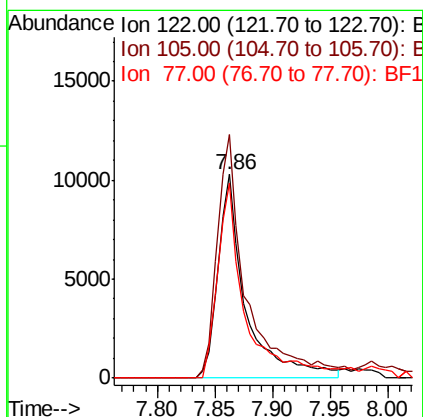
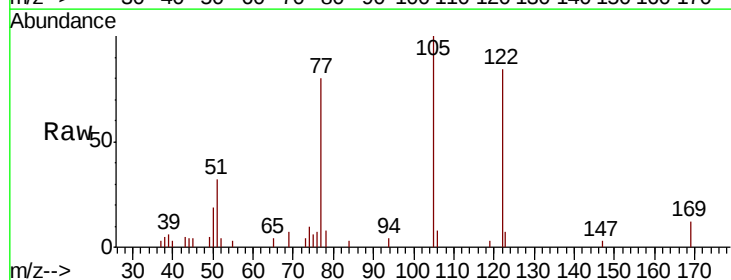
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)

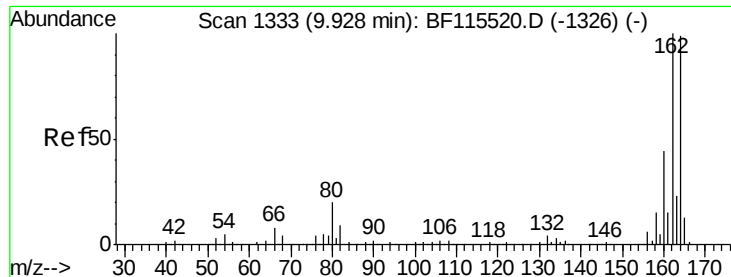
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.6	57.8
54	44.2	35.6	53.4



#32
 Benzoic acid
 Concen: 2.302 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.09 min
 Lab File: BF115631.D
 Acq: 17 Jul 2019 19:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	102.5	142.5
77	96.0	70.2	110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115631.D

Acq: 17 Jul 2019 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12(0-2)

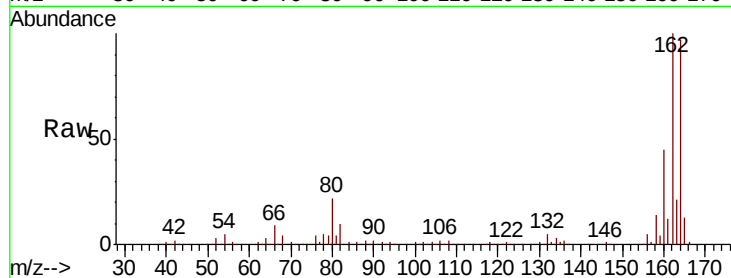
Tot Ion:164 Resp: 294473

Ion Ratio Lower Upper

164 100

162 102.9 82.9 124.3

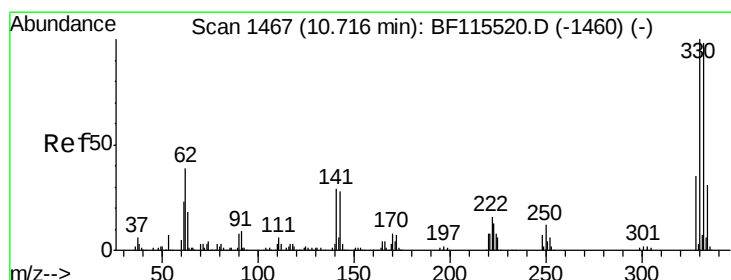
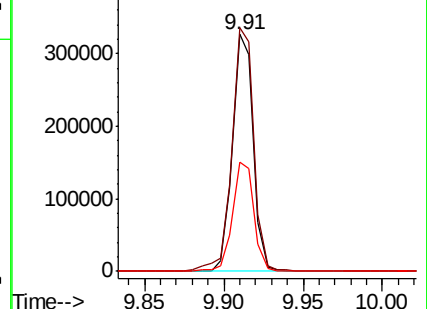
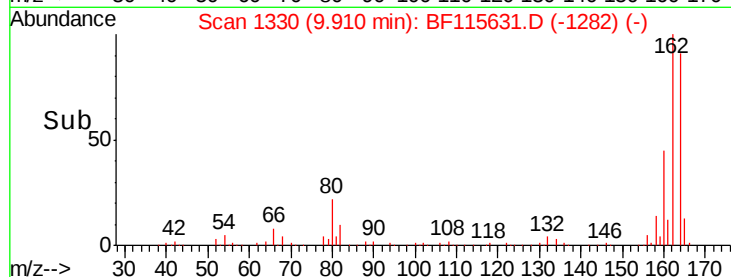
160 46.0 36.8 55.2



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: 91.542 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115631.D

Acq: 17 Jul 2019 19:25

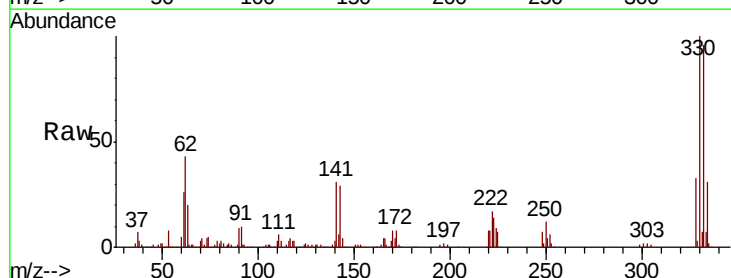
Tgt Ion:330 Resp: 314650

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.2

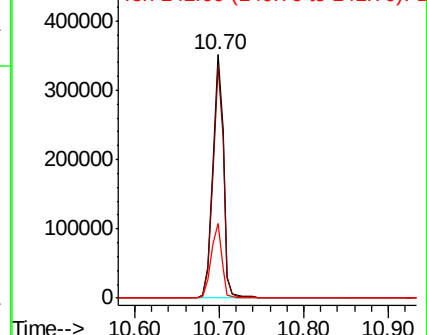
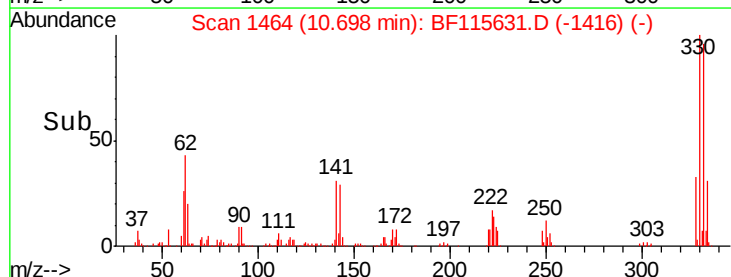
141 30.5 22.4 33.6

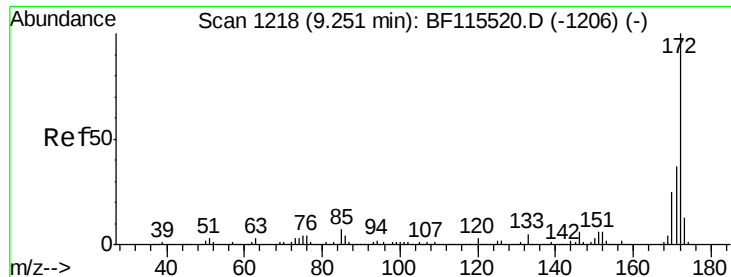


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

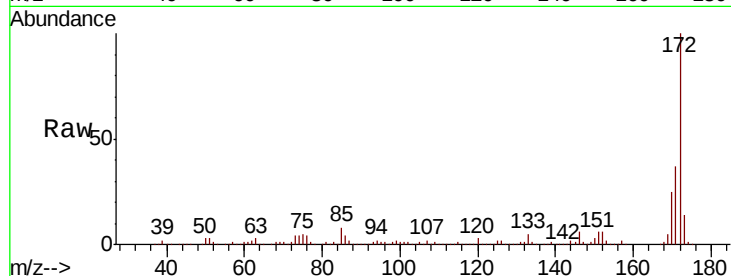




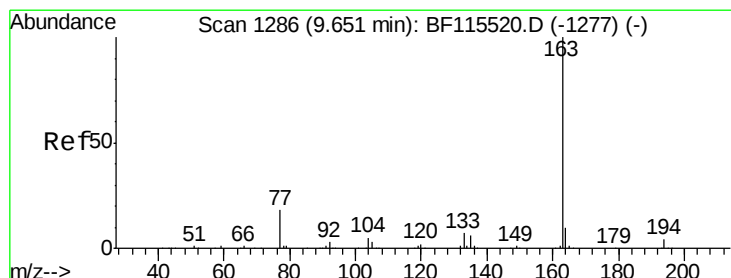
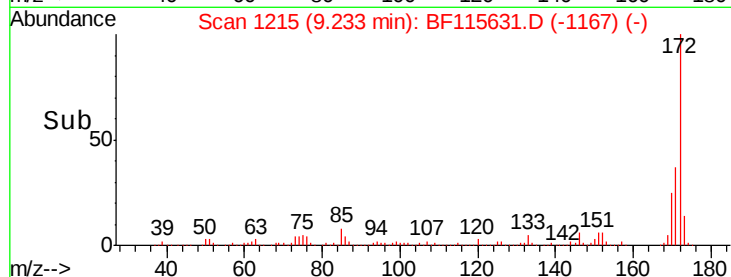
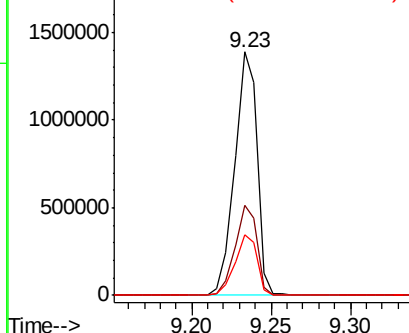
#45
2-Fluorobiphenyl
Concen: 80.935 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)

Tot Ion:172 Resp: 1361677
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 24.8 20.5 30.7

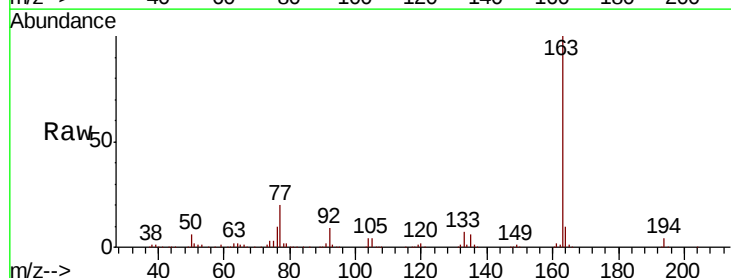


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

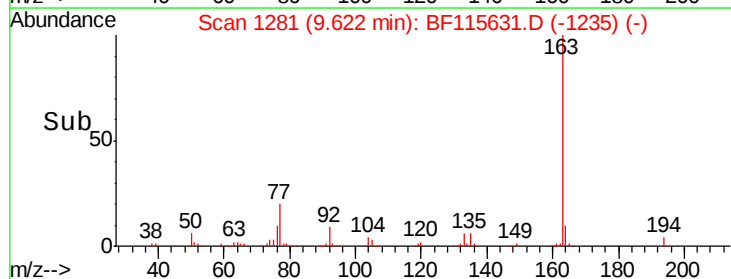
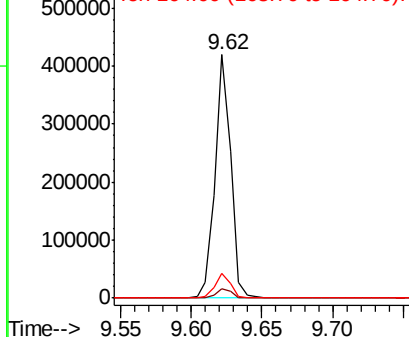


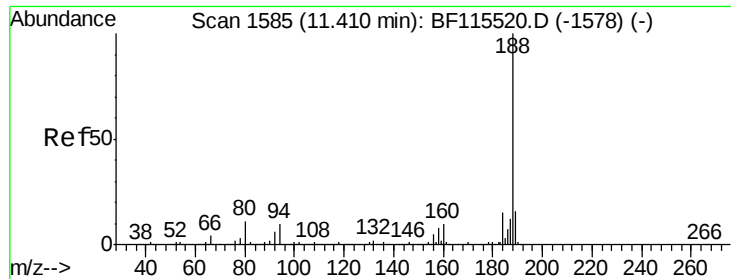
#50
Dimethylphthalate
Concen: 14.698 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

Tgt Ion:163 Resp: 325642
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 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

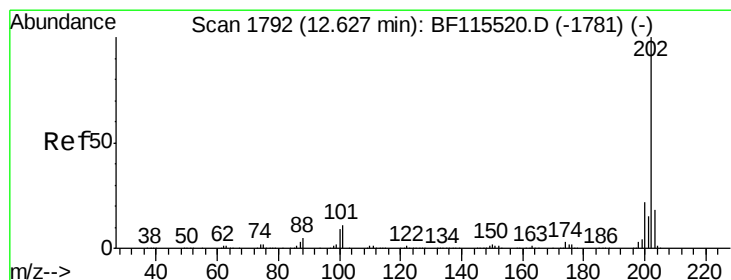
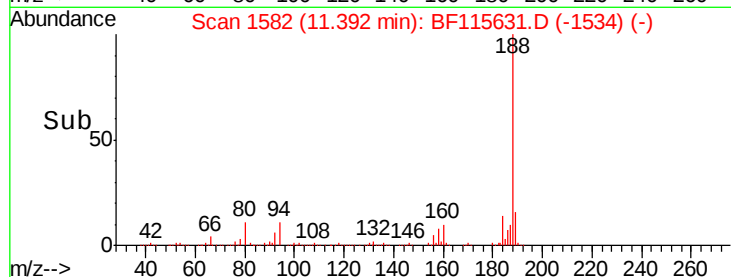
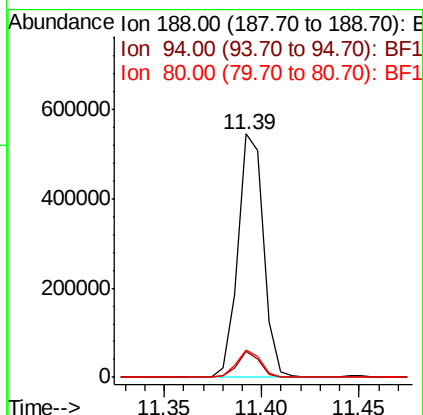
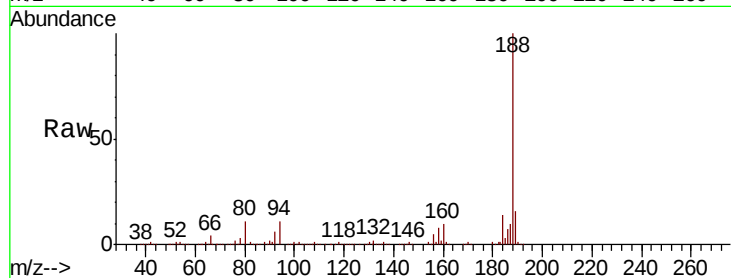




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

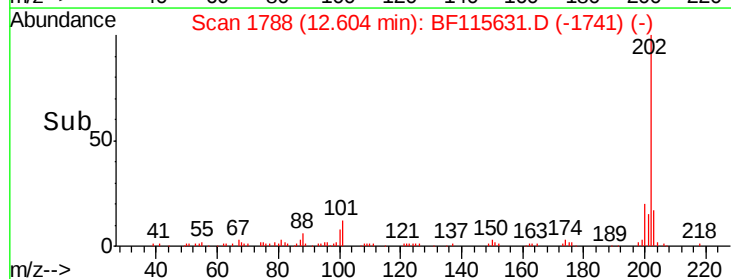
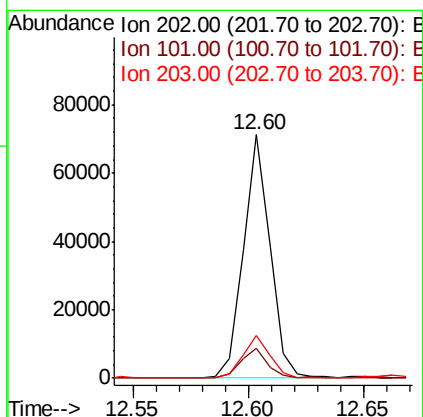
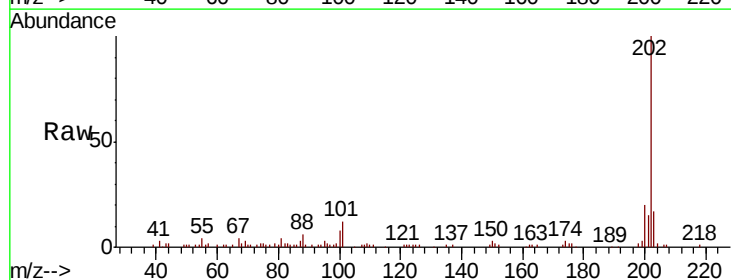
Instrument :
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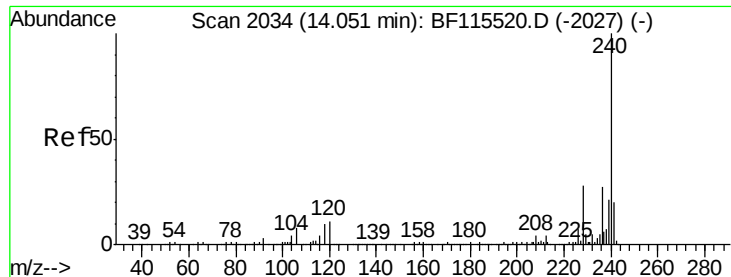
Tot Ion:188 Resp: 496575
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.6
80 11.2 8.6 13.0



#75
Fluoranthene
Concen: 2.129 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

Tgt Ion:202 Resp: 57268
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 17.4 0.0 38.1

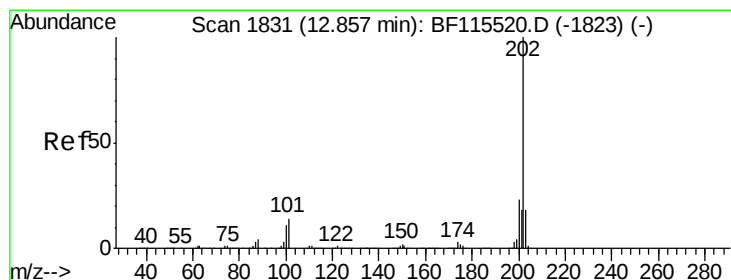
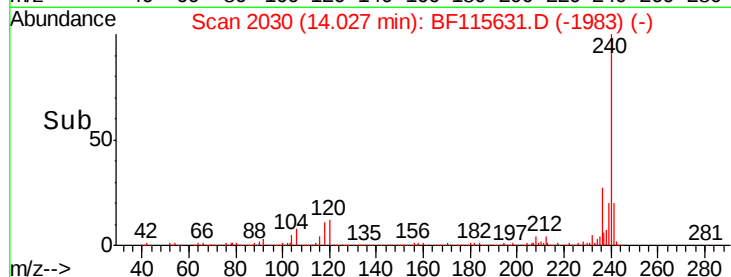
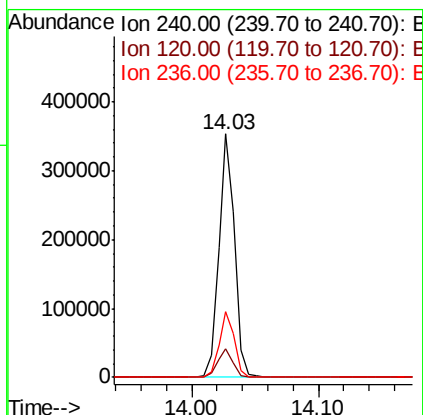
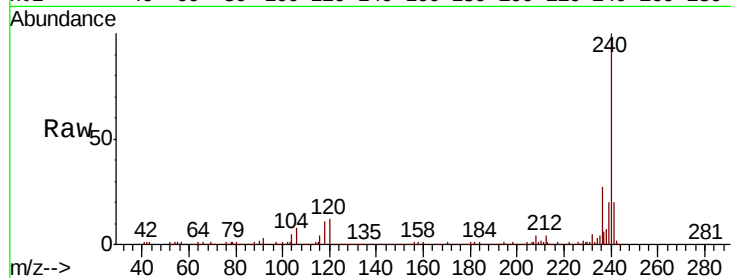




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

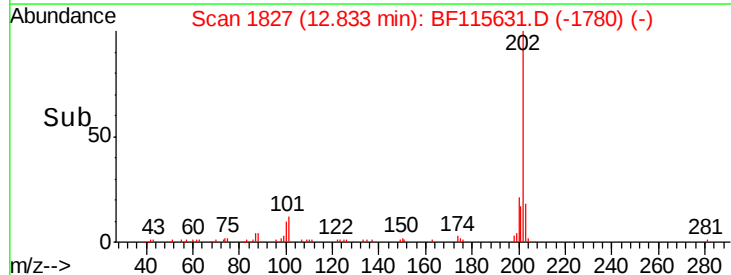
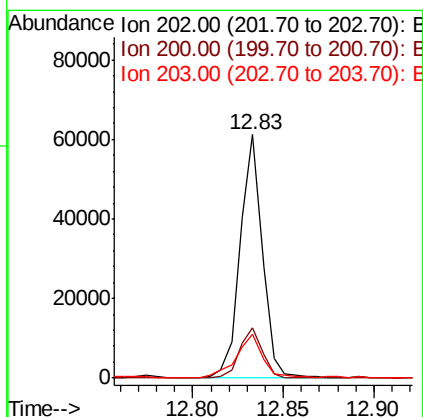
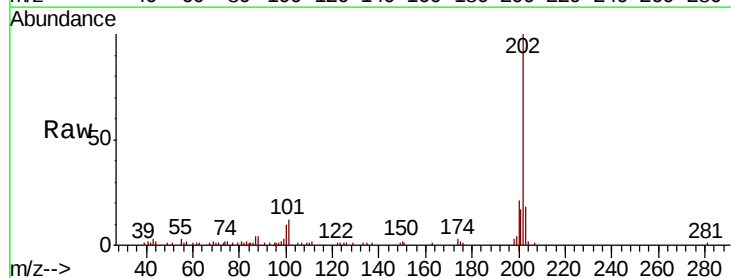
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)

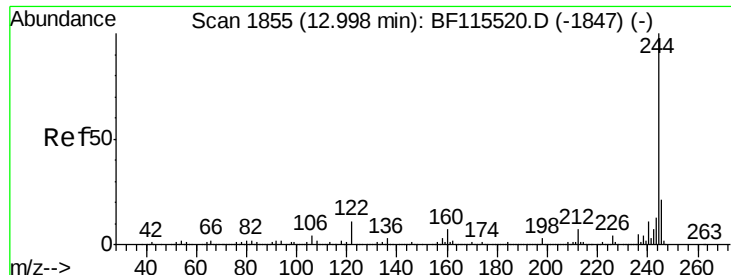
Tot Ion:240 Resp: 306015
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 27.1 21.3 31.9



#78
Pyrene
Concen: 2.015 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115631.D
Acq: 17 Jul 2019 19:25

Tgt Ion:202 Resp: 52237
Ion Ratio Lower Upper
202 100
200 20.5 18.7 28.1
203 18.2 15.2 22.8





#79

Terphenyl-d14

Concen: 67.125 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115631.D

Acq: 17 Jul 2019 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12(0-2)

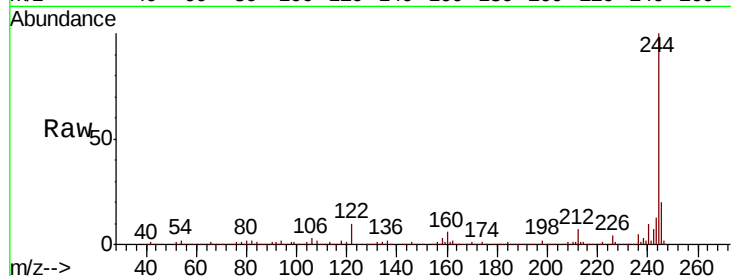
Tot Ion:244 Resp: 1113254

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

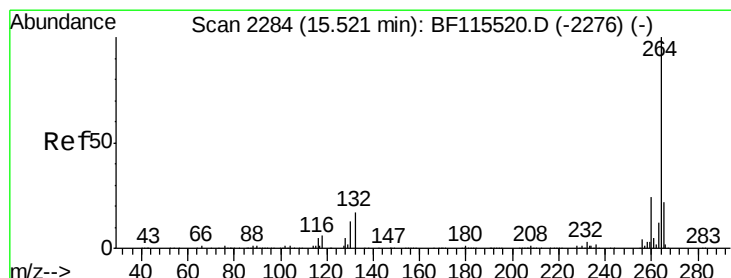
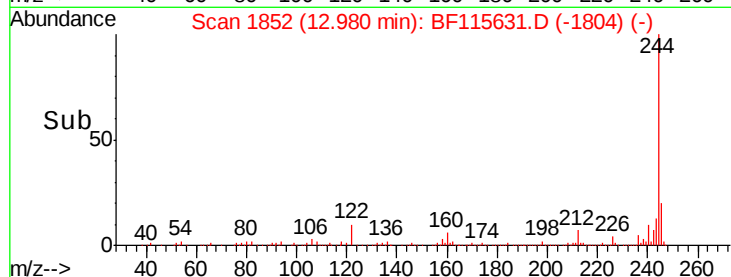
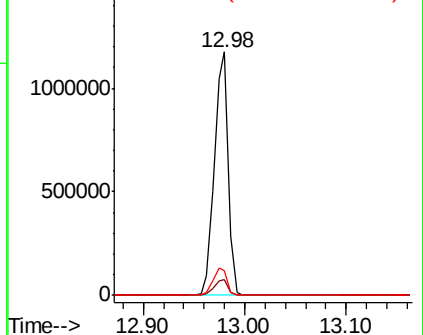
122 10.1 8.6 12.8



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: 15.49 min Scan# 2279

Delta R.T. -0.03 min

Lab File: BF115631.D

Acq: 17 Jul 2019 19:25

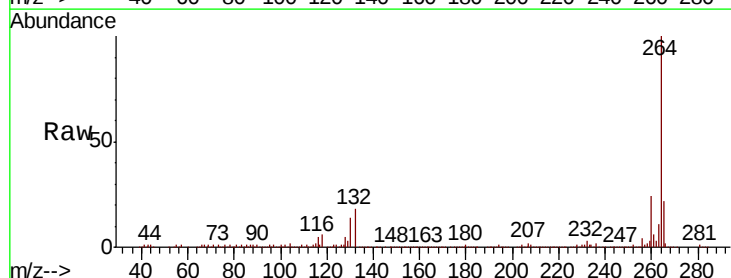
Tgt Ion:264 Resp: 332984

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 21.9 17.7 26.5



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

