

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115629.D
 Acq On : 17 Jul 2019 18:30
 Operator : HP/JU
 Sample : K3835-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Jul 18 05:32:43 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

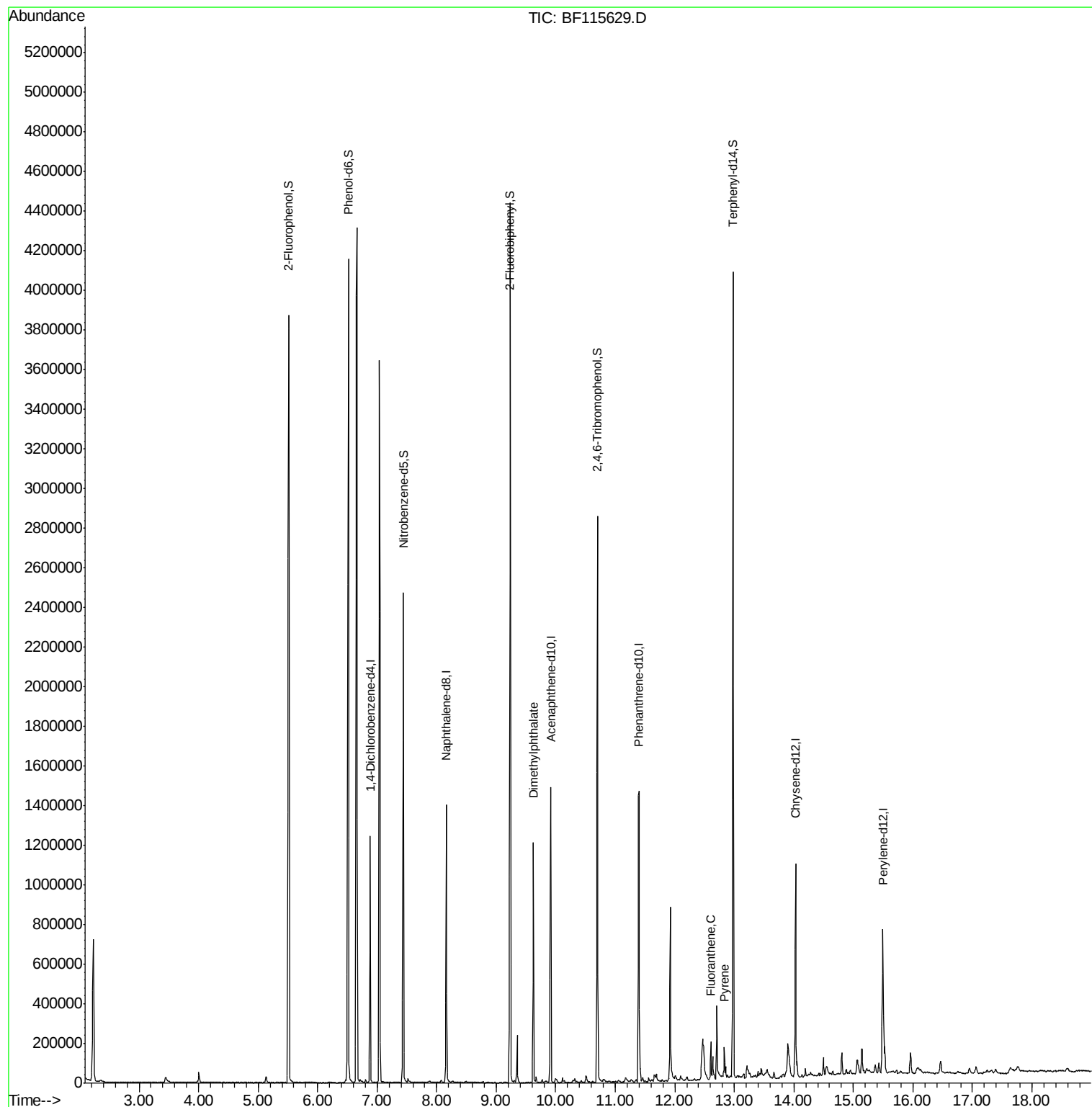
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	170042	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	651947	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	316344	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	571008	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	323573	20.00	ng	-0.02
87) Perylene-d12	15.49	264	340056	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1346025	129.48	ng	0.01
7) Phenol-d6	6.52	99	1786027	135.40	ng	0.00
23) Nitrobenzene-d5	7.44	82	992807	88.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	421565	114.17	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1584401	87.66	ng	-0.01
79) Terphenyl-d14	12.98	244	1440270	82.13	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	503683	21.162	ng	98
75) Fluoranthene	12.60	202	64933	2.099	ng	97
78) Pyrene	12.83	202	57086	2.082	ng	96

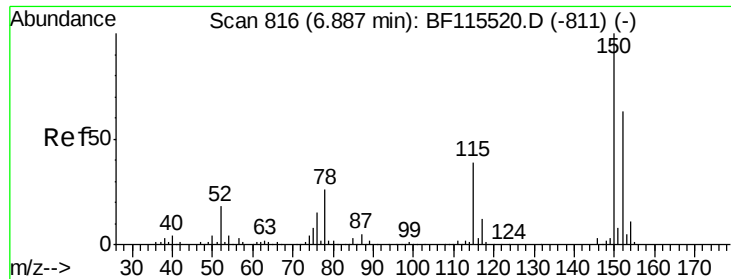
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



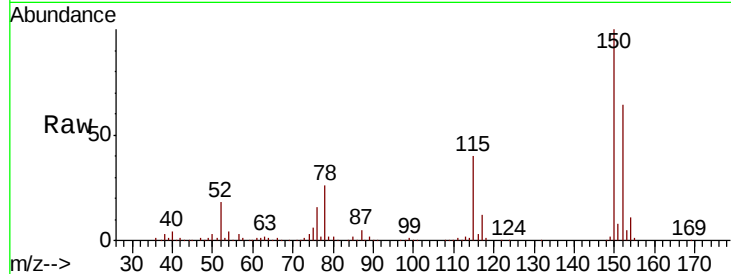


#1

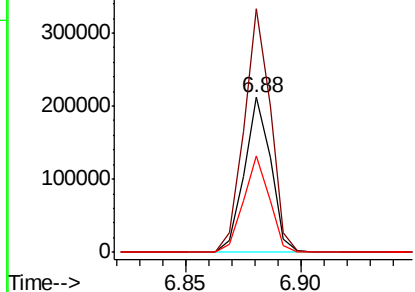
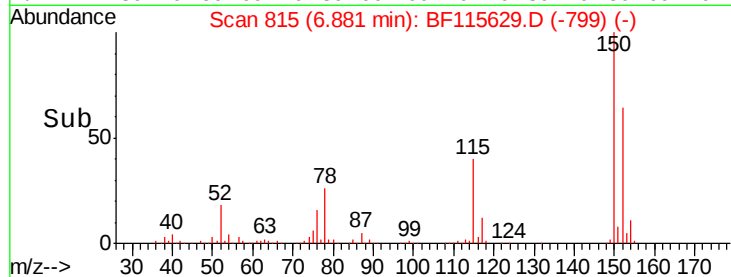
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tot Ion:152 Resp: 170042
Ion Ratio Lower Upper
152 100
150 157.4 129.7 194.5
115 62.4 48.2 72.4



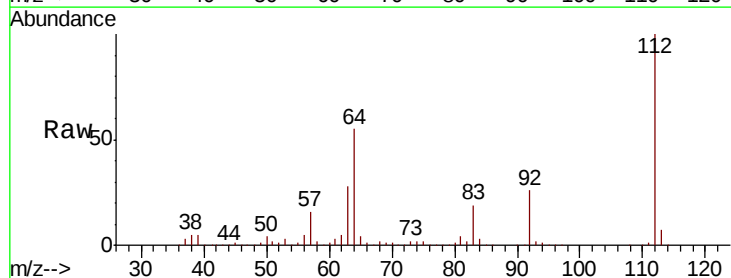
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



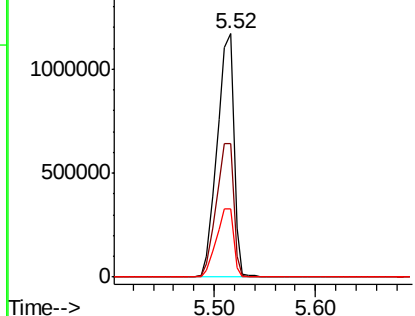
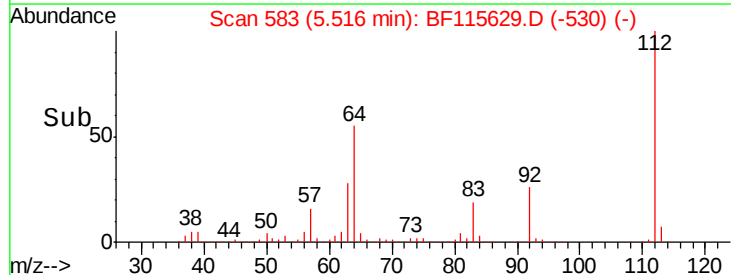
#5

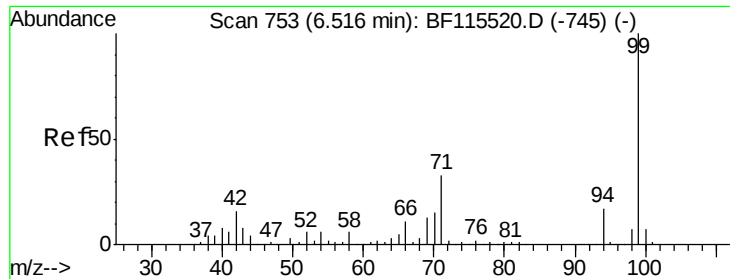
2-Fluorophenol
Concen: 129.480 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion:112 Resp: 1346025
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 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: 135.399 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

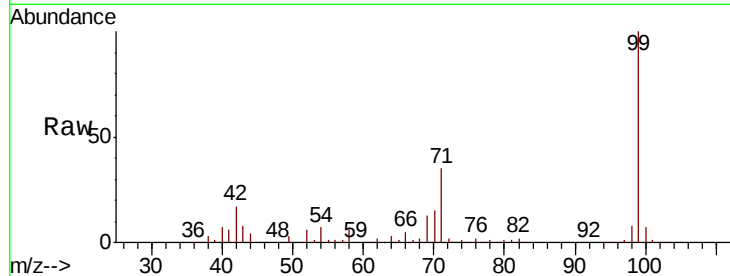
BNA_F

ClientSampleId :

SB-3(0-2)

Tot Ion: 99 Resp: 1786027

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	35.2	28.5	42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

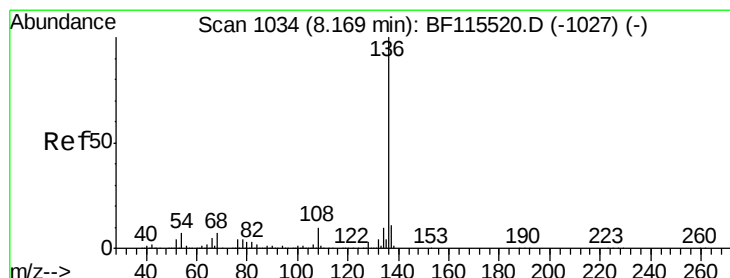
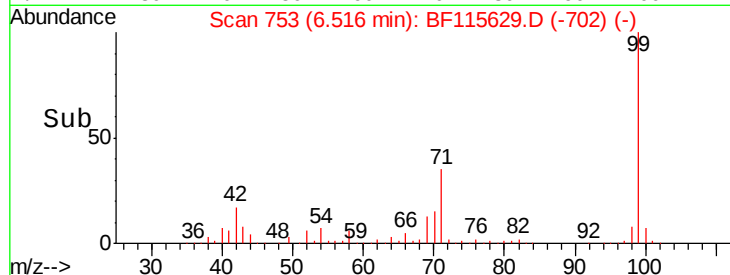
Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.52

Time-->

6.40 6.50 6.60



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

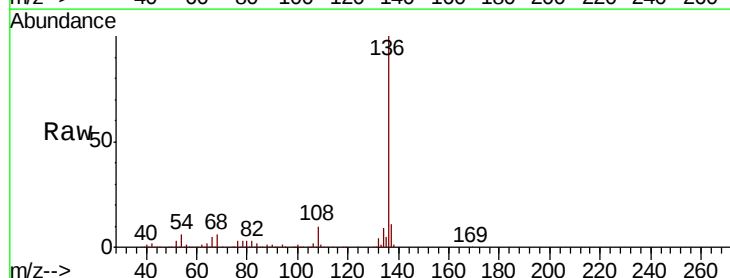
Delta R.T. -0.01 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Tgt Ion: 136 Resp: 651947

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	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

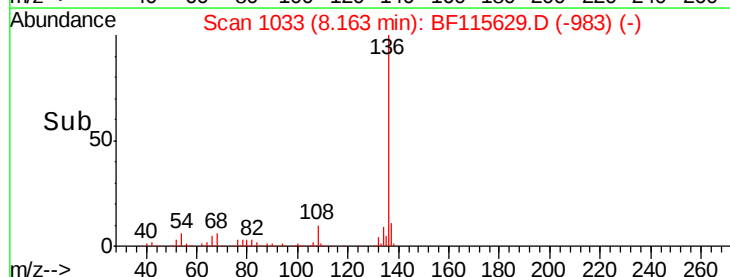
Ion 54.00 (53.70 to 54.70): BF1

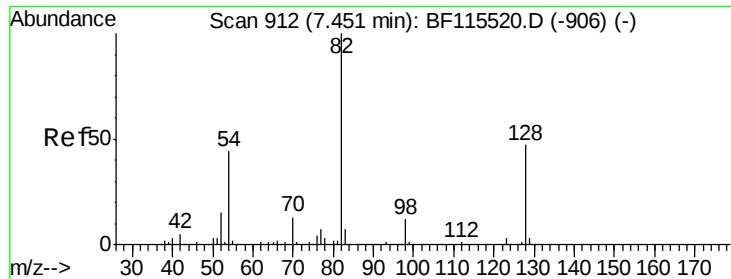
Ion 68.00 (67.70 to 68.70): BF1

8.16

Time-->

8.10 8.15 8.20 8.25 8.30

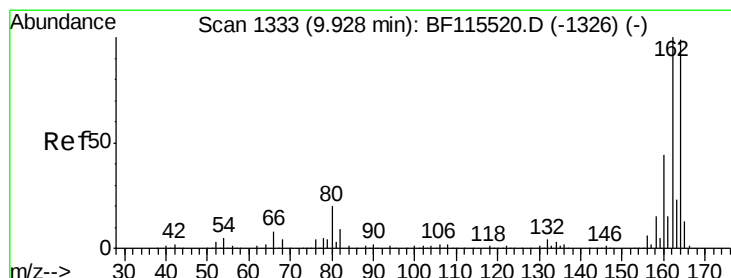
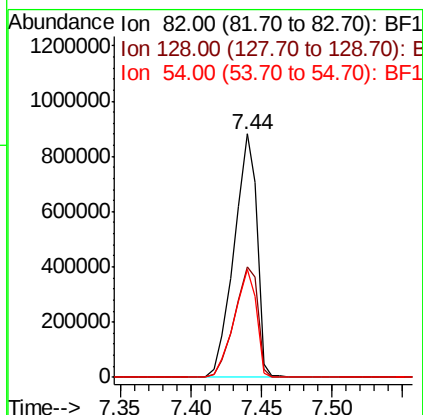
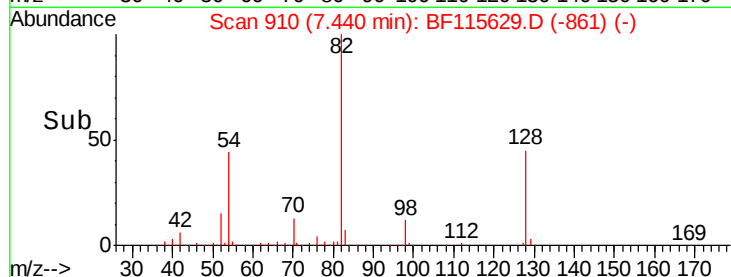
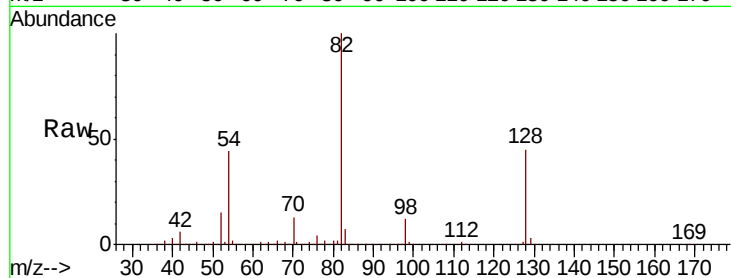




#23
Nitrobenzene-d5
Concen: 88.548 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

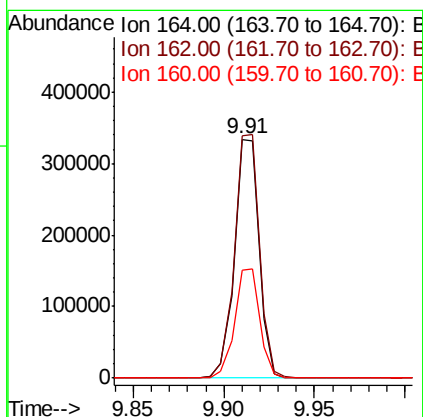
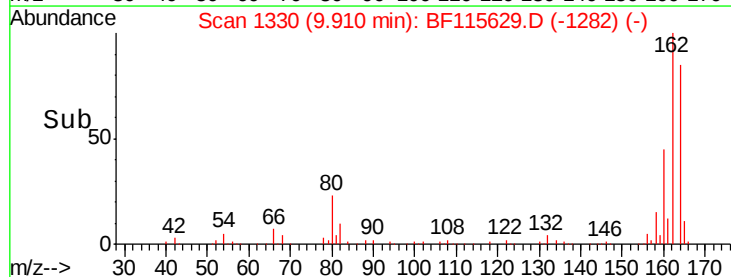
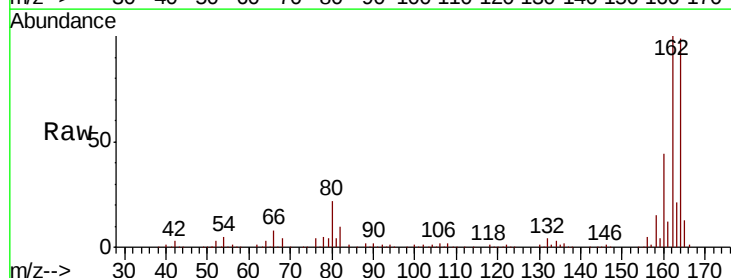
Instrument :
BNA_F
ClientSampled :
SB-3(0-2)

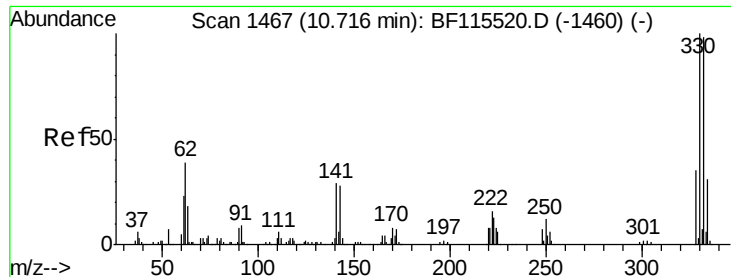
Tot Ion	82	Resp	992807
Ion Ratio	100	Lower	Upper
128	45.4	38.6	57.8
54	44.1	35.6	53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion	164	Resp	316344
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.5	82.9	124.3
160	45.0	36.8	55.2

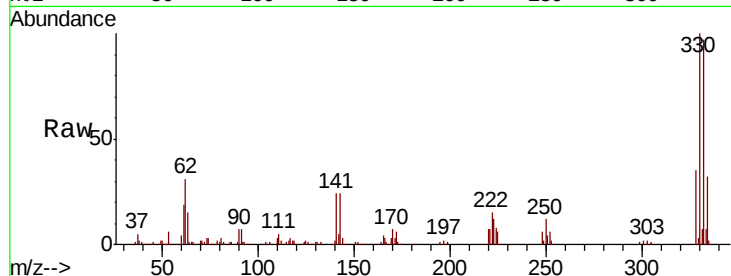




#42
 2,4,6-Tribromophenol
 Concen: 114.168 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	30.0	22.4	33.6

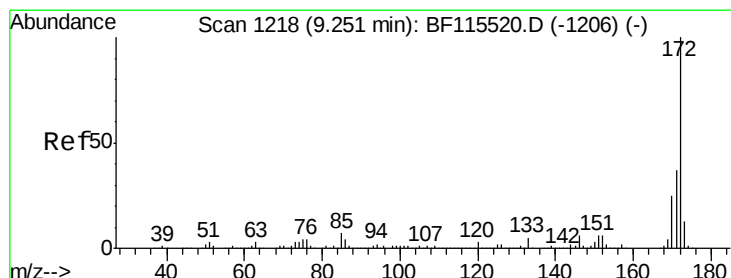
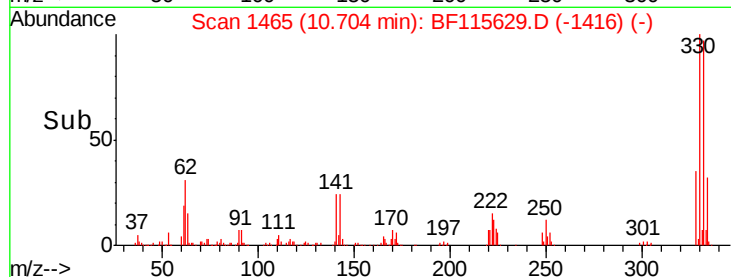
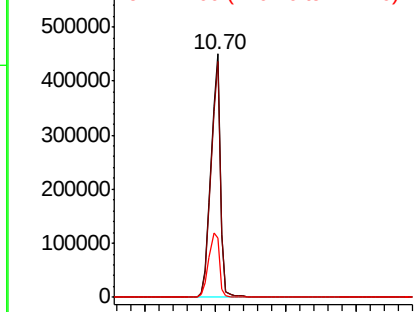


Abundance

Ion 329.80 (329.50 to 330.50): E

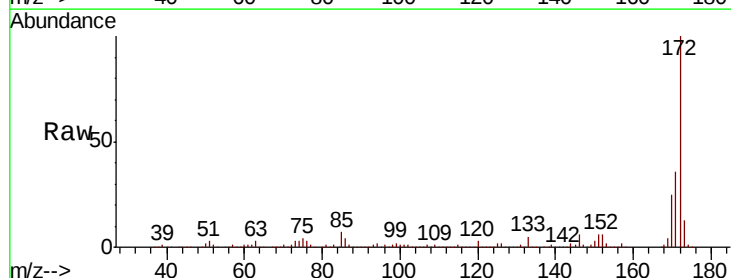
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.662 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	25.2	20.5	30.7

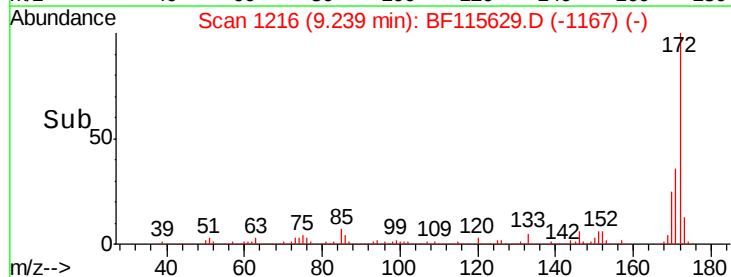
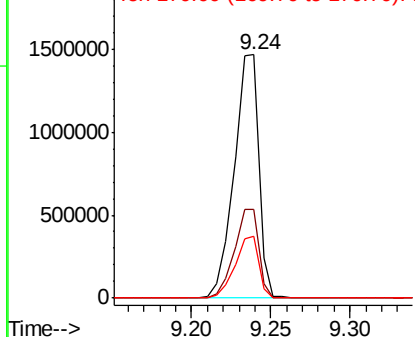


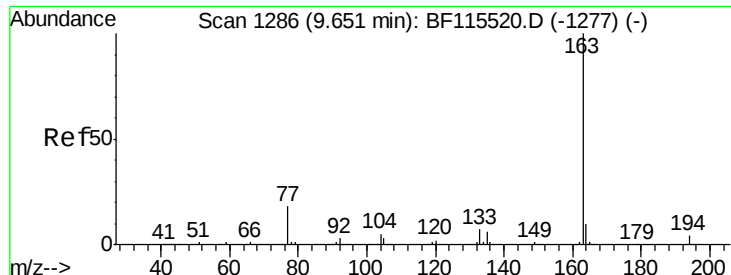
Abundance

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

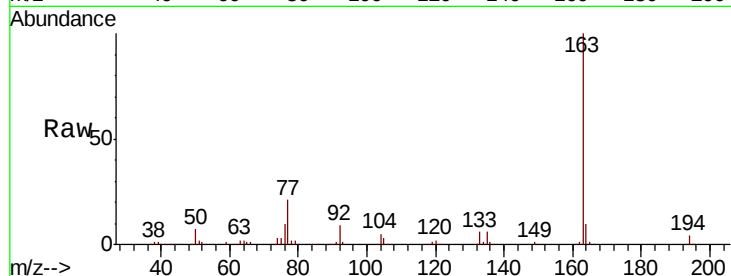




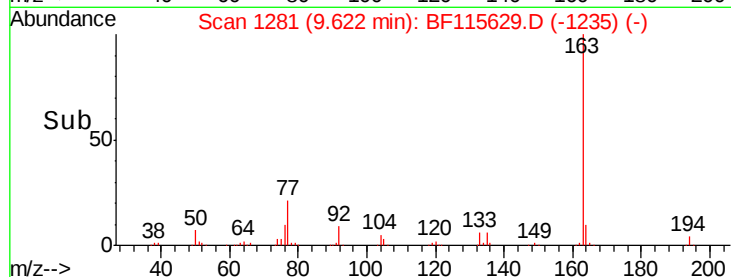
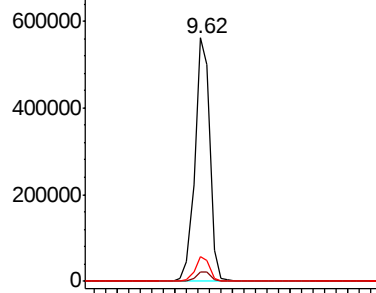
#50
Dimethylphthalate
Concen: 21.162 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

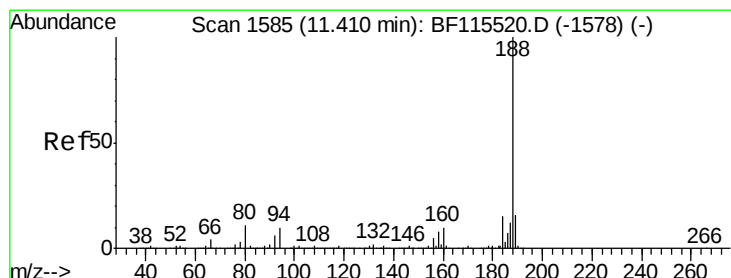
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.2	8.7	13.1



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

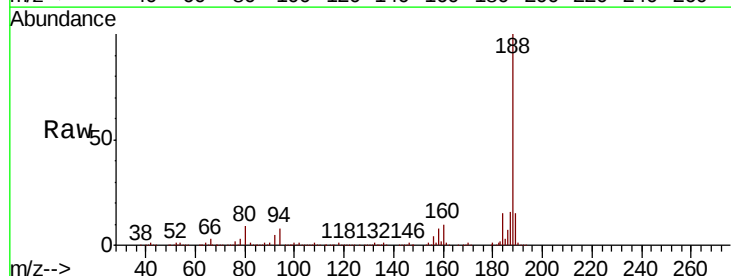


Time-->

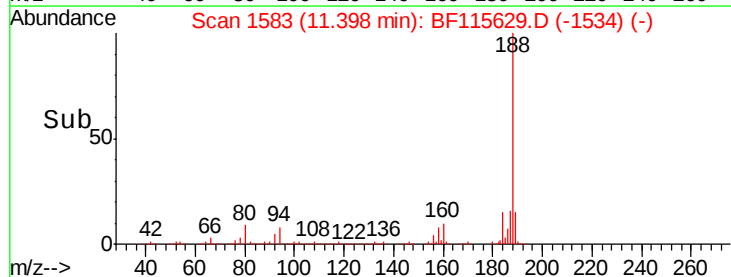
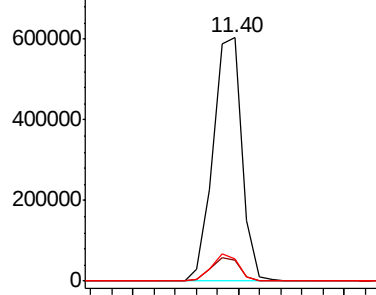


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

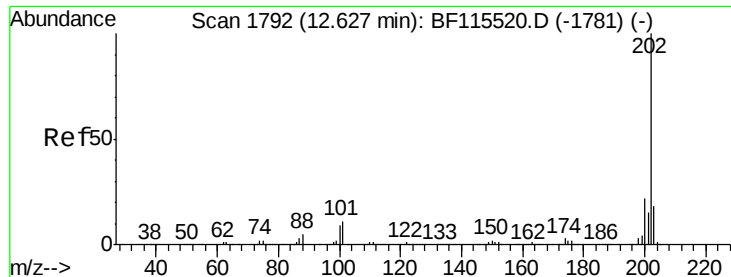
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.3	8.6	13.0



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



Time-->



#75

Fluoranthene

Concen: 2.099 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

BNA_F

ClientSampled :

SB-3(0-2)

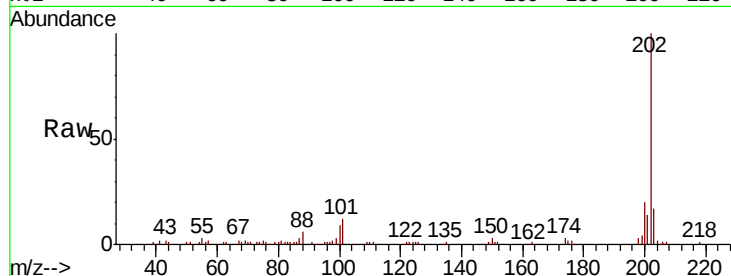
Tot Ion:202 Resp: 64933

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

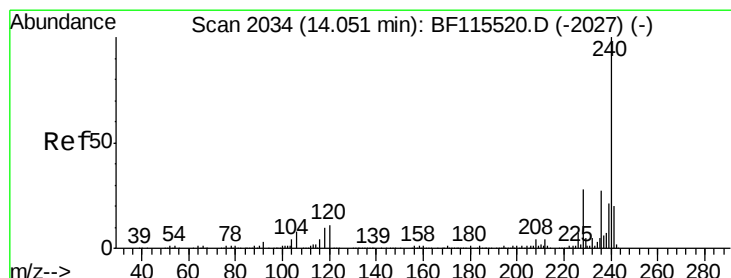
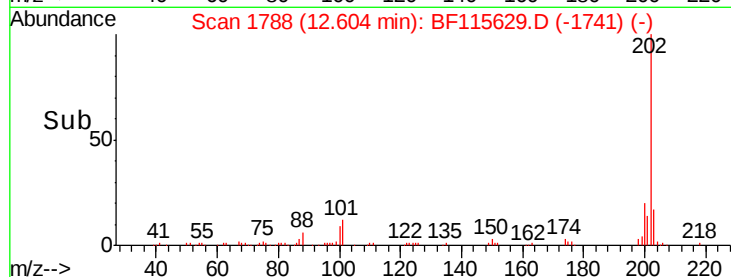
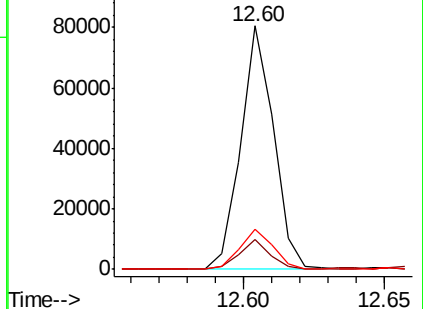
203 16.7 0.0 38.1



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: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

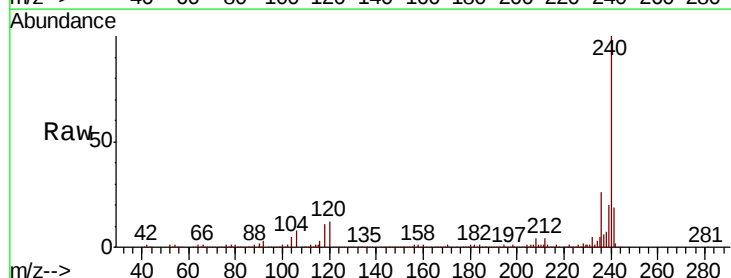
Tgt Ion:240 Resp: 323573

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

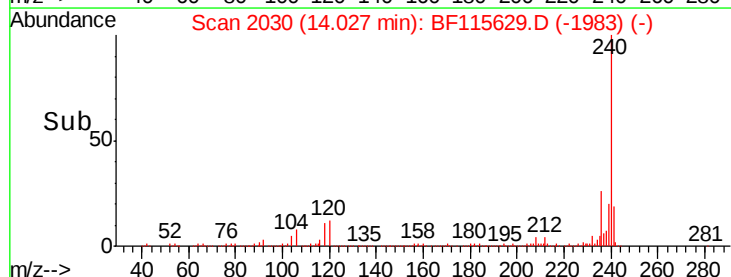
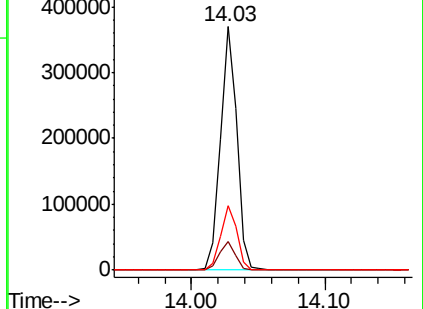
236 26.5 21.3 31.9

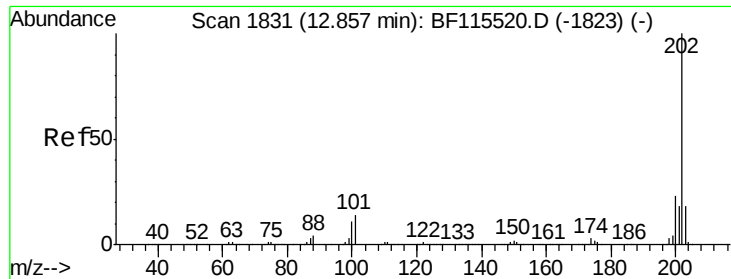


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

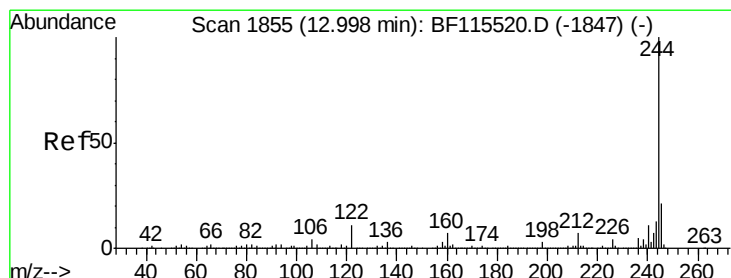
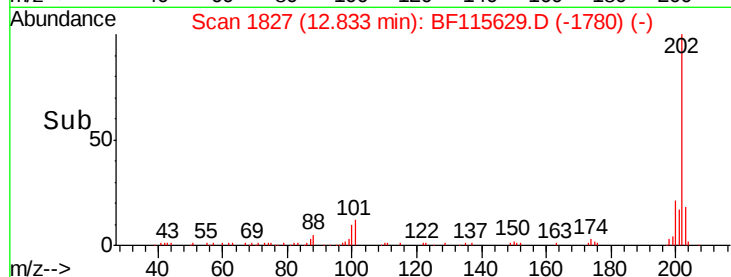
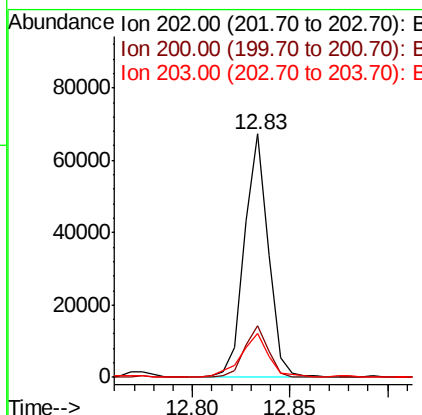
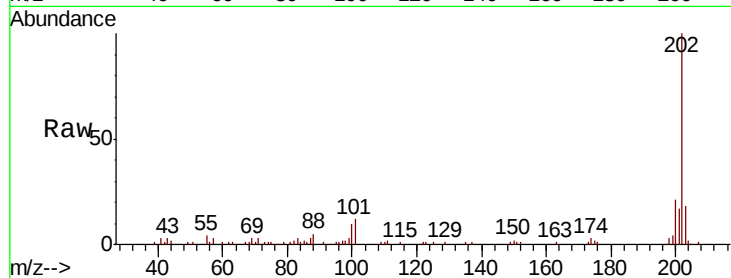




#78
Pvrene
Concen: 2.082 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

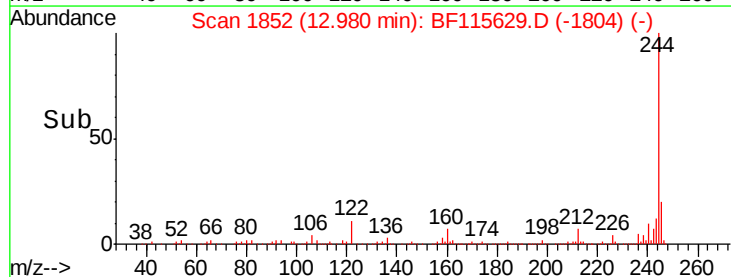
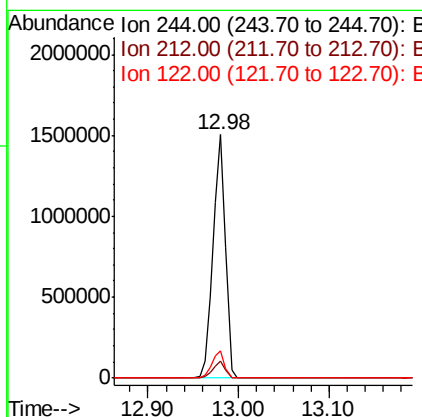
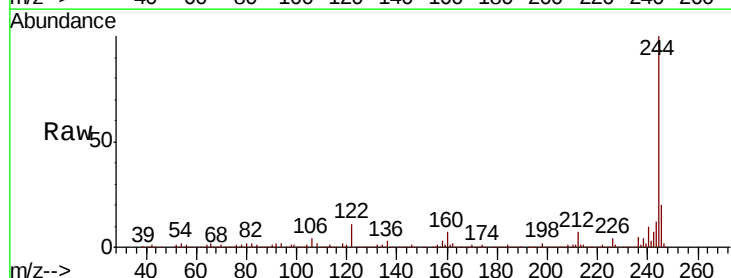
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

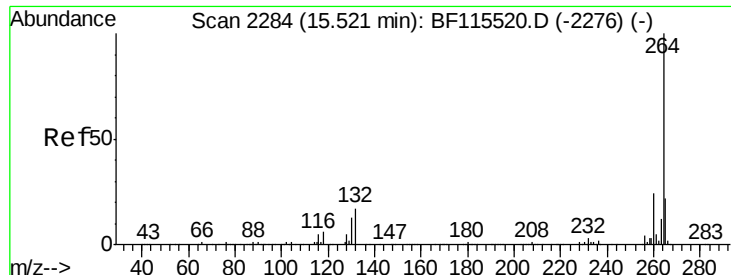
Tot Ion:202 Resp: 57086
Ion Ratio Lower Upper
202 100
200 21.0 18.7 28.1
203 18.0 15.2 22.8



#79
Terphenyl-d14
Concen: 82.131 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion:244 Resp: 1440270
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 11.3 8.6 12.8

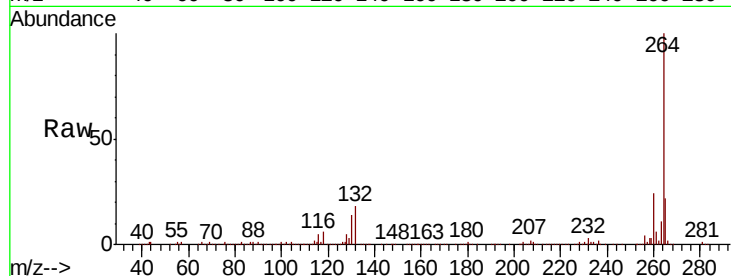




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.03 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tot Ion:264	Resp:	340056
Ion	Ratio	Lower Upper
264	100	
260	24.4	19.8 29.8
265	22.2	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

