

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115900.D
 Acq On : 1 Aug 2019 11:52
 Operator : HP/JU
 Sample : K3621-07 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-072919

Quant Time: Aug 01 14:02:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

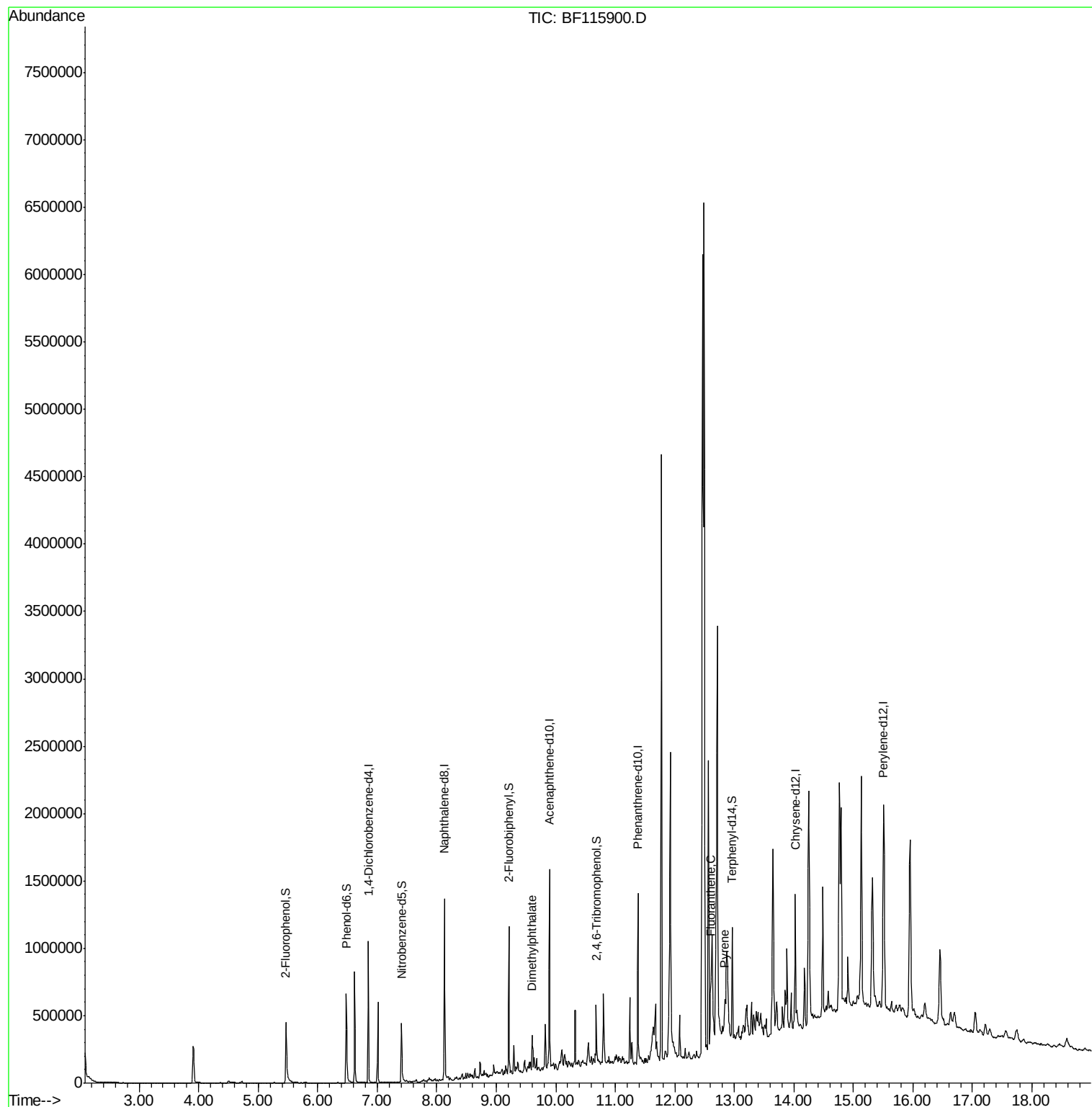
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142442	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	559761	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	285084	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	425081	20.00	ng	0.00
76) Chrysene-d12	14.02	240	323862	20.00	ng	0.00
87) Perylene-d12	15.50	264	338080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	180443	21.21	ng	0.00
7) Phenol-d6	6.48	99	244414	22.77	ng	0.00
23) Nitrobenzene-d5	7.41	82	146815	15.14	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	53862	19.49	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	301519	19.81	ng	0.00
79) Terphenyl-d14	12.96	244	274960	17.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	73407	3.782	ng	98
75) Fluoranthene	12.60	202	50432	2.217	ng	97
78) Pyrene	12.83	202	52678	2.158	ng	97

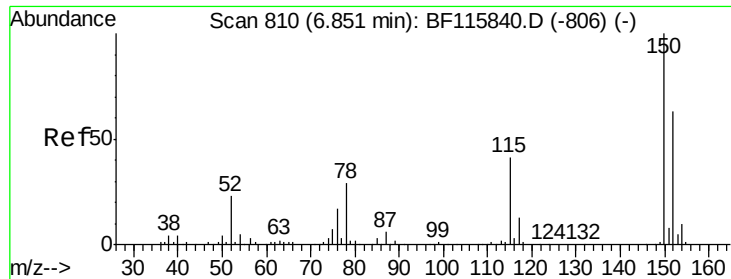
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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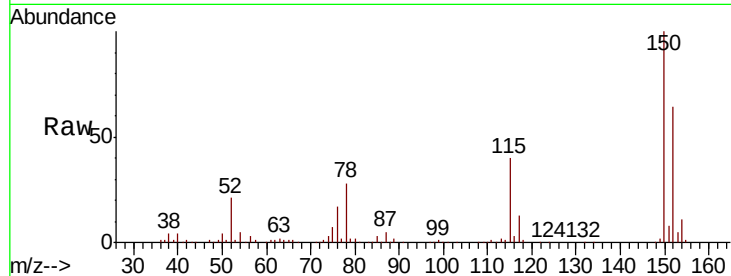


#1

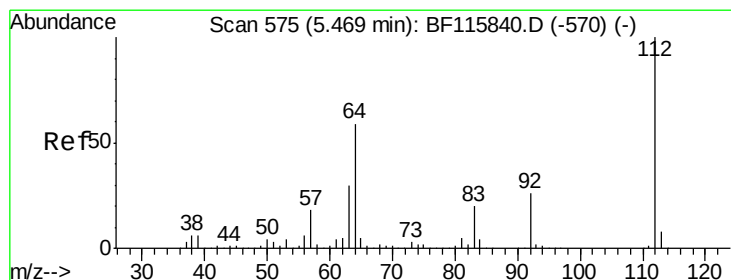
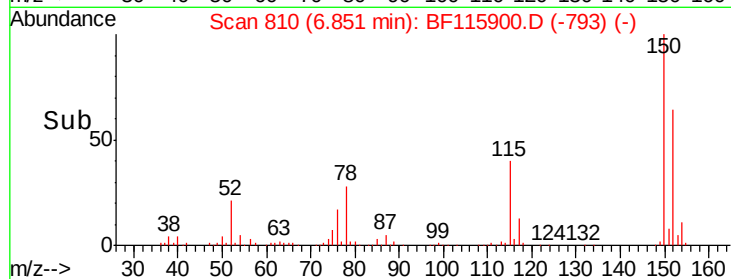
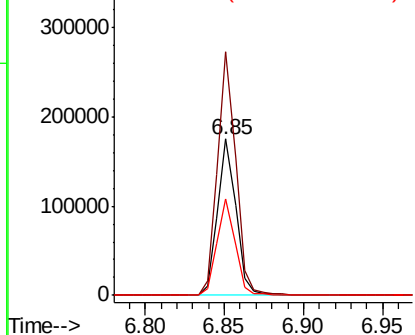
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Instrument :
BNA_F
ClientSampleId :
OK-01-072919

Tot Ion:152 Resp: 142442
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 62.0 51.8 77.8



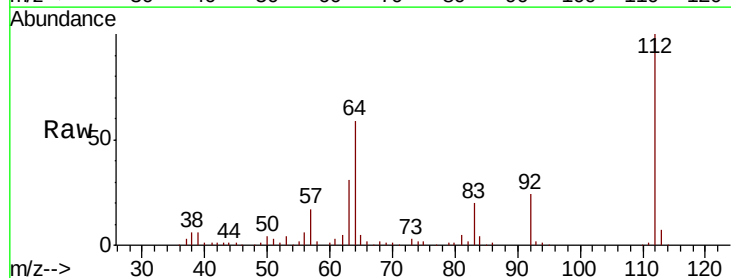
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



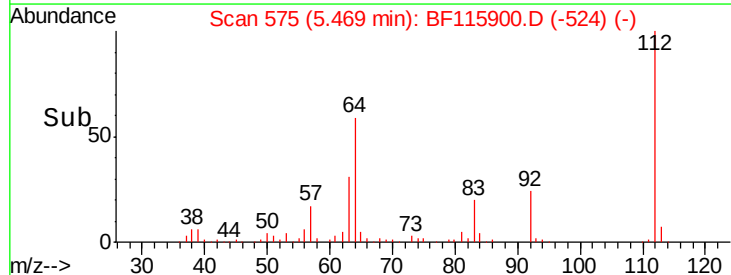
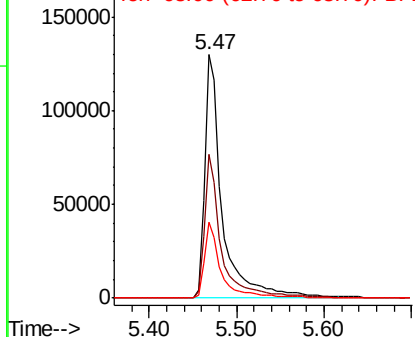
#5

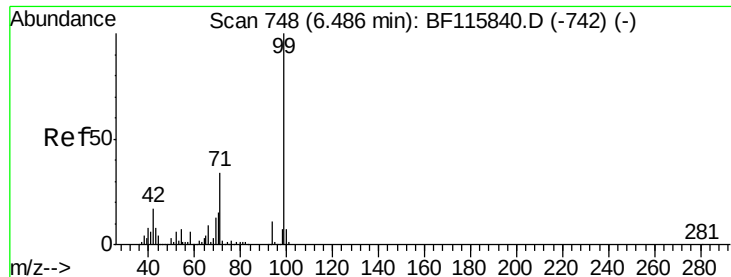
2-Fluorophenol
Concen: 21.207 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion:112 Resp: 180443
Ion Ratio Lower Upper
112 100
64 59.1 46.8 70.2
63 31.1 24.2 36.2



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: 22.767 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Instrument :

BNA_F

ClientSampleId :

OK-01-072919

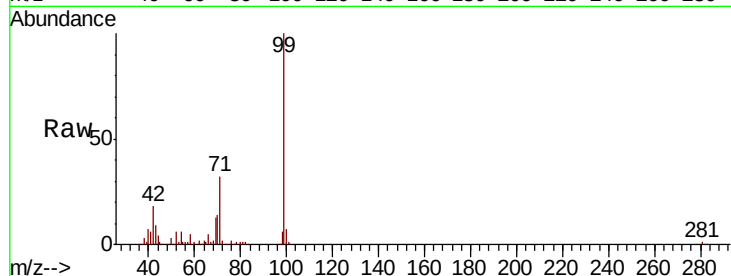
Tot Ion: 99 Resp: 244414

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.6

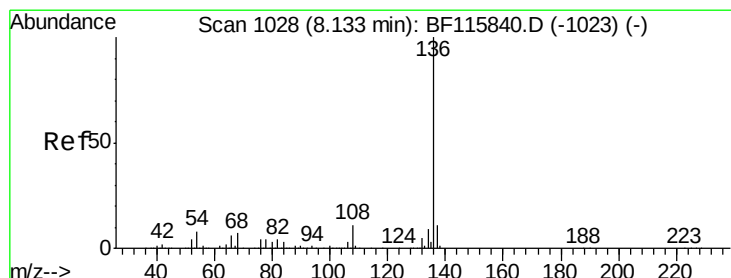
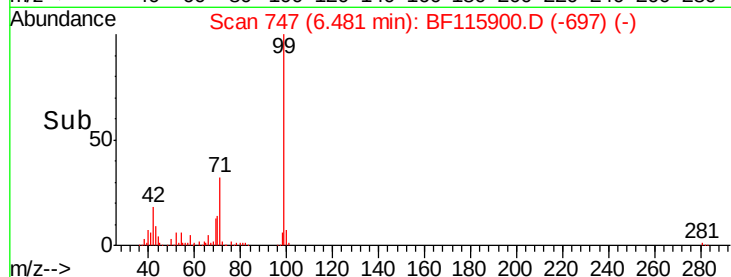
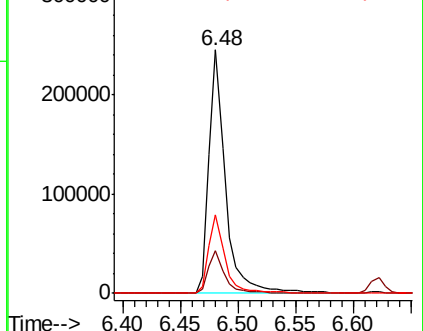
71 32.5 27.1 40.7



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Tgt Ion: 136 Resp: 559761

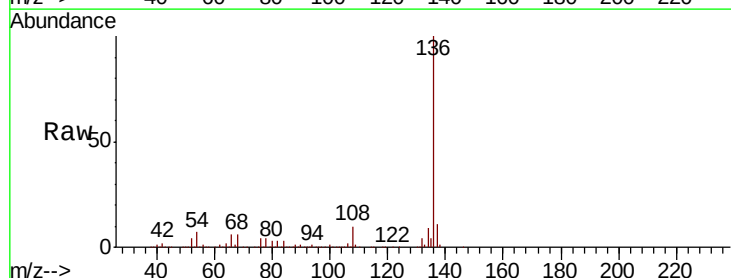
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 6.1 9.1

68 6.4 5.4 8.2

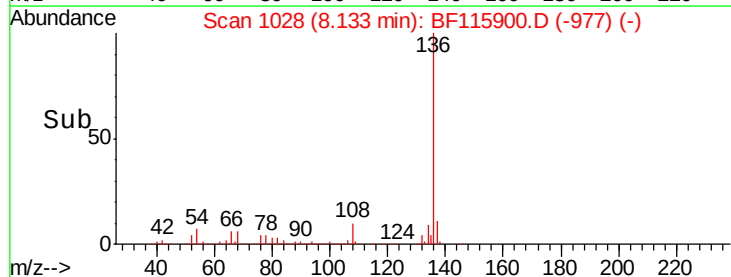
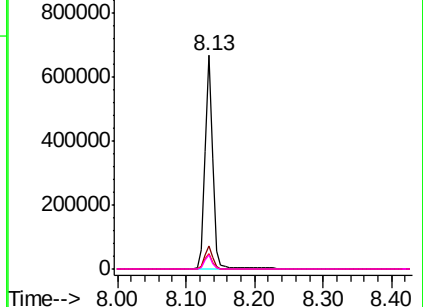


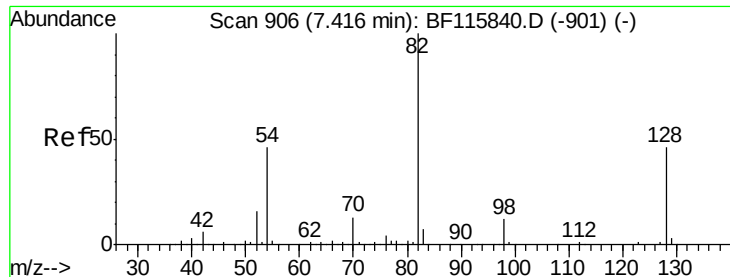
Abundance Ion 136.00 (135.70 to 136.70): E

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

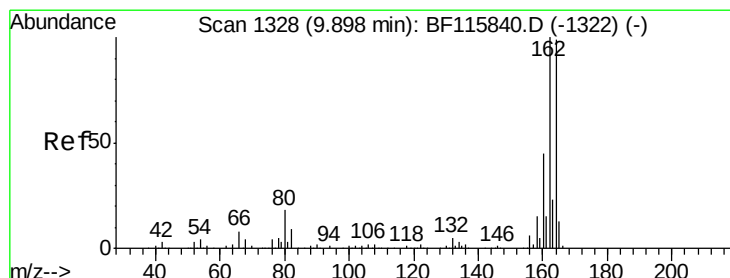
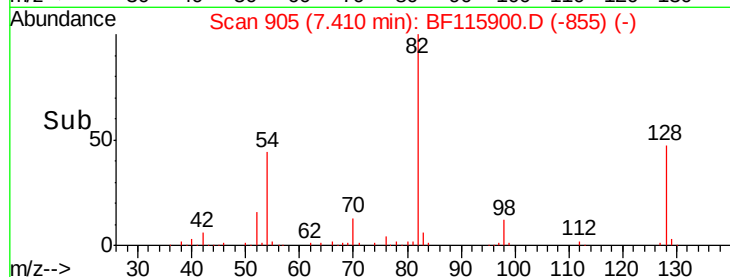
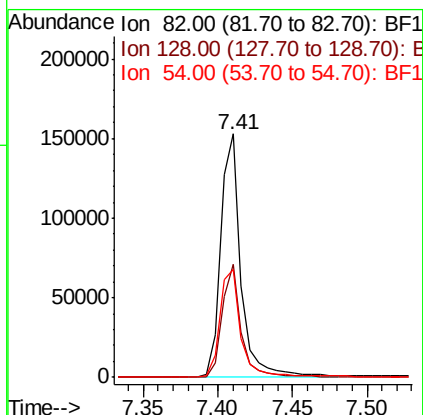
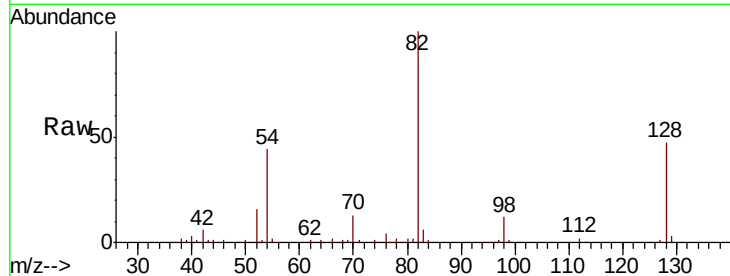




#23
 Nitrobenzene-d5
 Concen: 15.140 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115900.D
 Acq: 1 Aug 2019 11:52

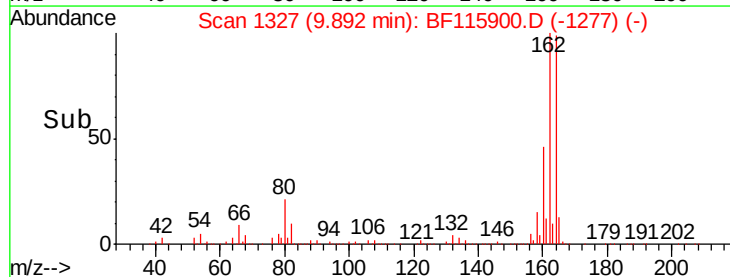
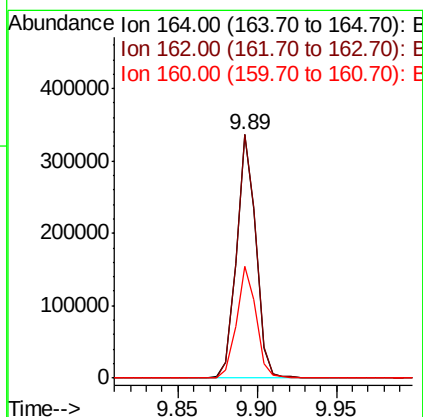
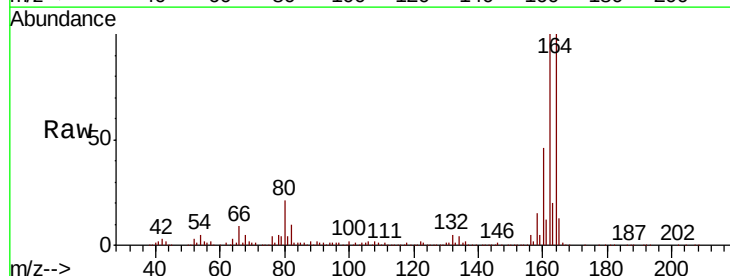
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-072919

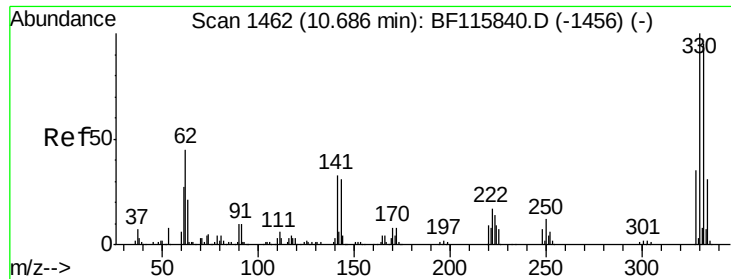
Tot Ion	82	Resp	146815
Ion Ratio	100	Lower	Upper
128	46.6	36.6	55.0
54	44.4	36.6	55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115900.D
 Acq: 1 Aug 2019 11:52

Tgt Ion	164	Resp	285084
Ion Ratio	100	Lower	Upper
162	99.9	80.8	121.2
160	45.7	36.2	54.4

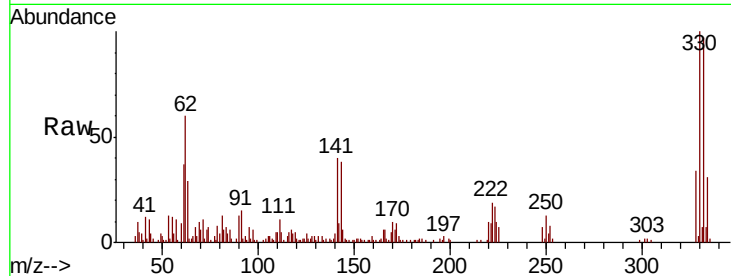




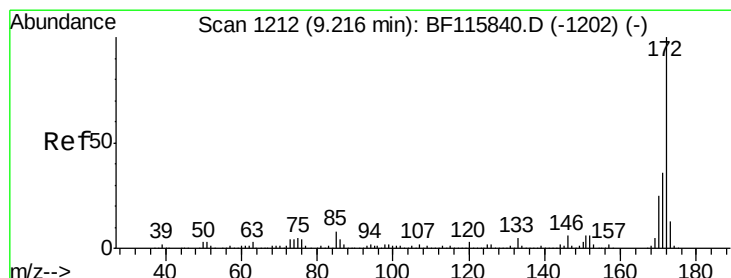
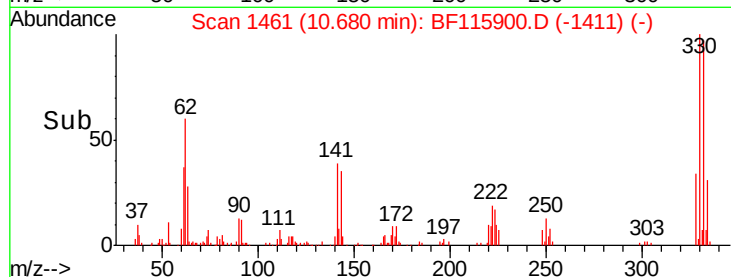
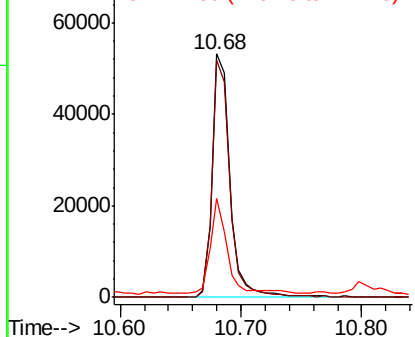
#42
 2,4,6-Tribromophenol
 Concen: 19.487 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115900.D
 Acq: 1 Aug 2019 11:52

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-072919

Tot Ion:330 Resp: 53862
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 36.1 28.1 42.1

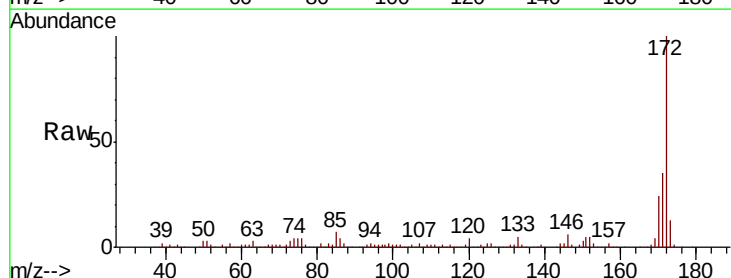


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

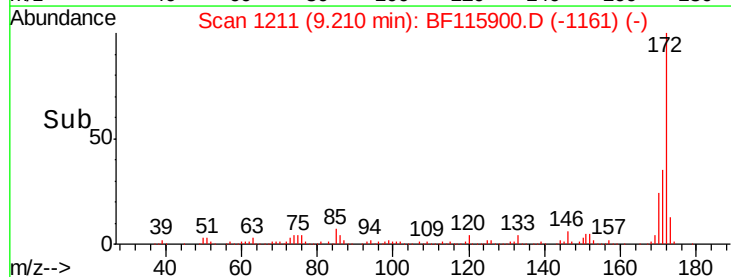
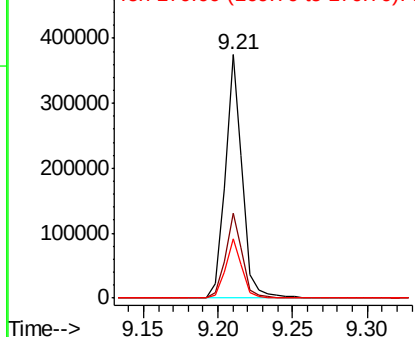


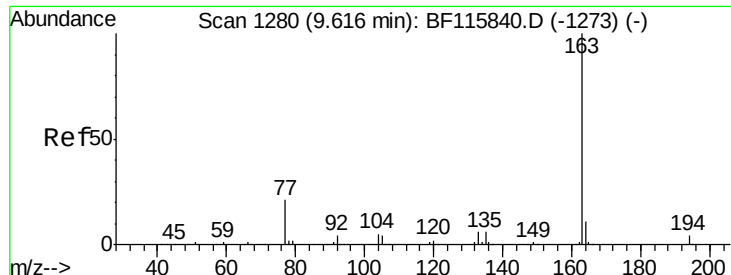
#45
 2-Fluorobiphenyl
 Concen: 19.811 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115900.D
 Acq: 1 Aug 2019 11:52

Tgt Ion:172 Resp: 301519
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.1 43.7
 170 24.3 20.1 30.1



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

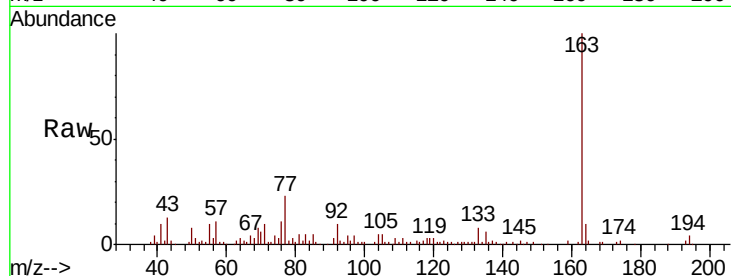




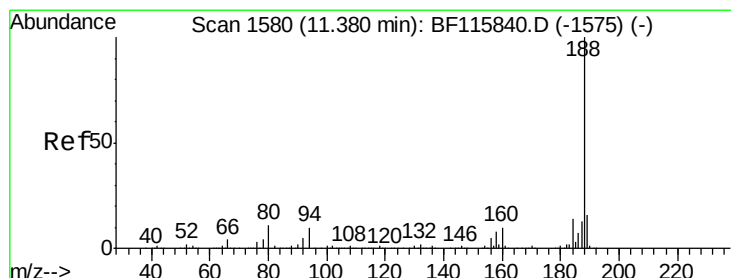
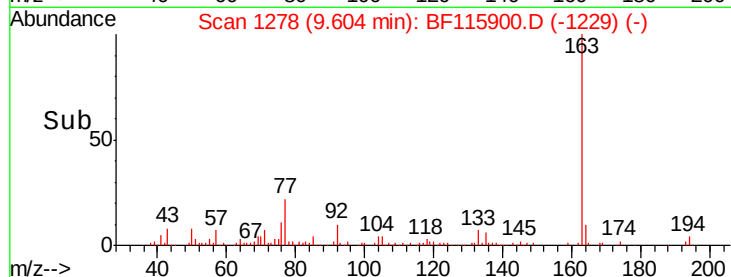
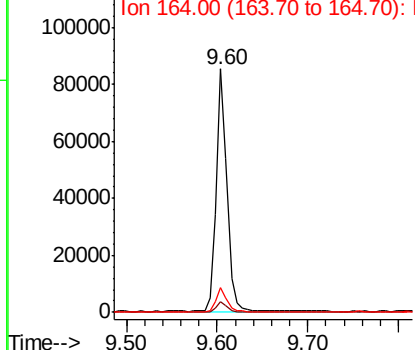
#50
Dimethylphthalate
Concen: 3.782 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Instrument :
BNA_F
ClientSampleId :
OK-01-072919

Tot Ion:163 Resp: 73407
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.0 8.4 12.6

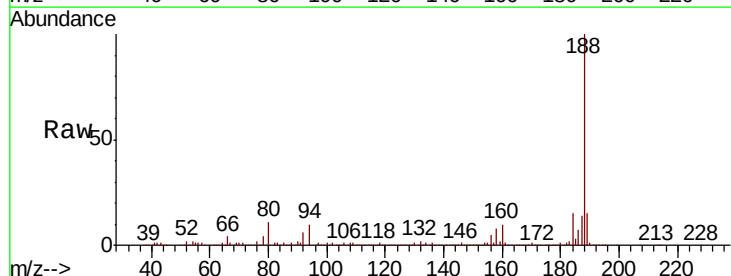


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

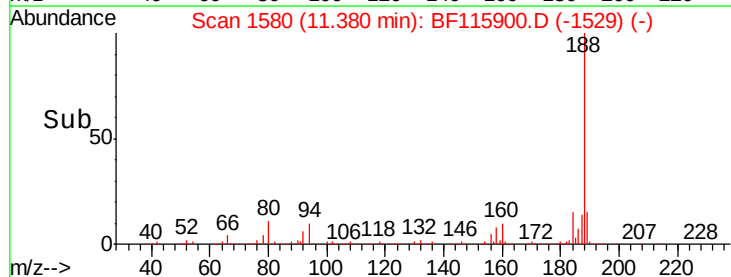
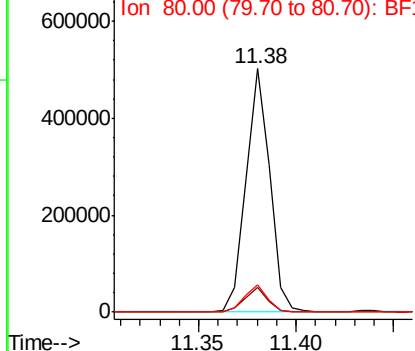


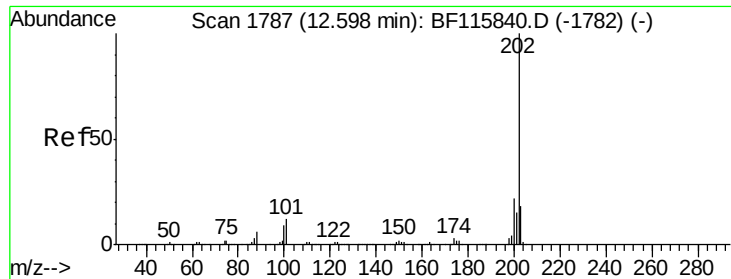
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion:188 Resp: 425081
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 11.0 8.6 12.8



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: 2.217 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Instrument :

BNA_F

ClientSampleId :

OK-01-072919

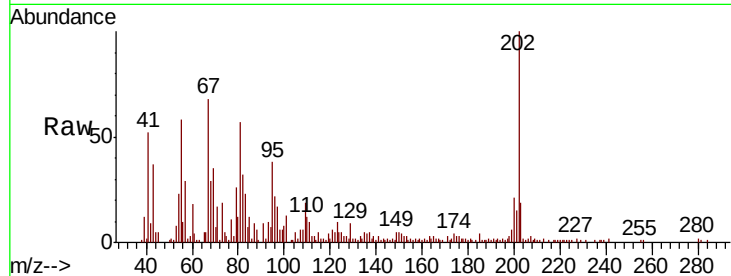
Tot Ion:202 Resp: 50432

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.5

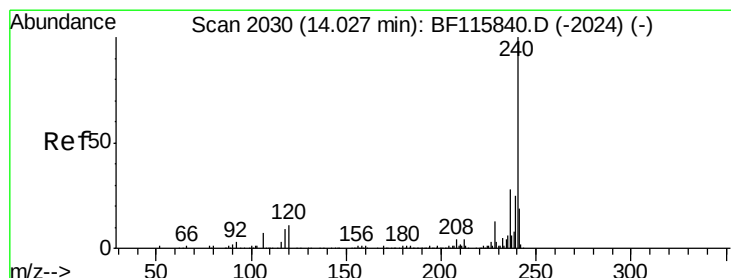
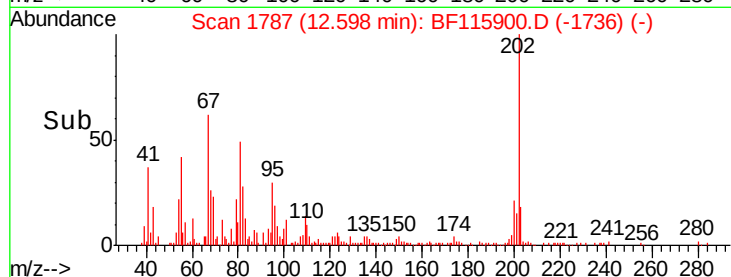
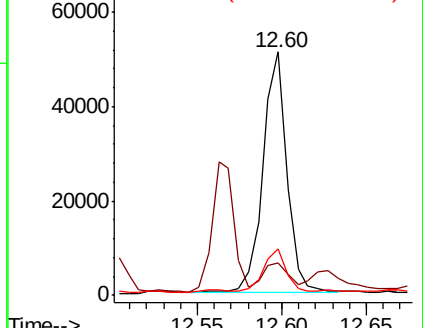
203 18.8 0.0 37.9



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

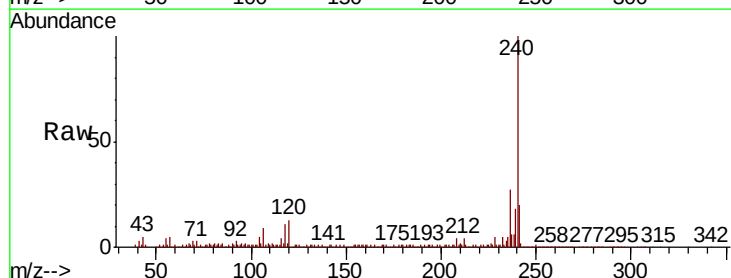
Tgt Ion:240 Resp: 323862

Ion Ratio Lower Upper

240 100

120 12.6 8.5 12.7

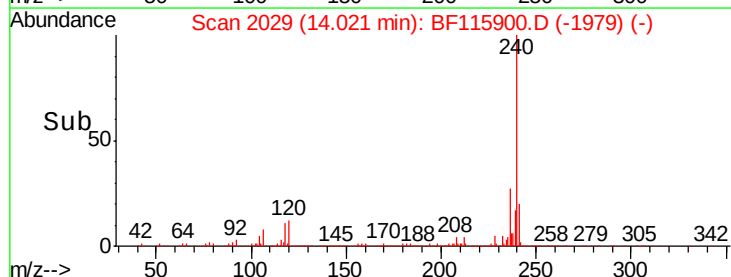
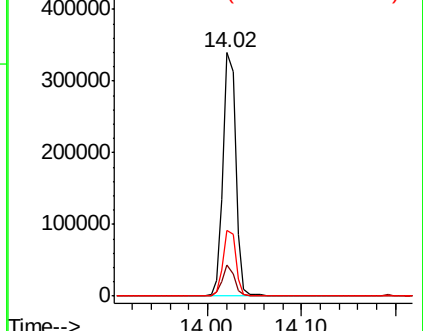
236 26.8 22.2 33.2

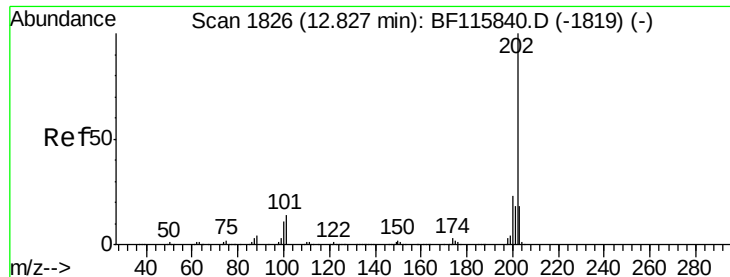


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

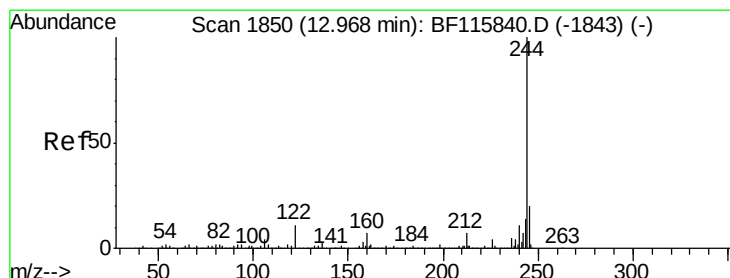
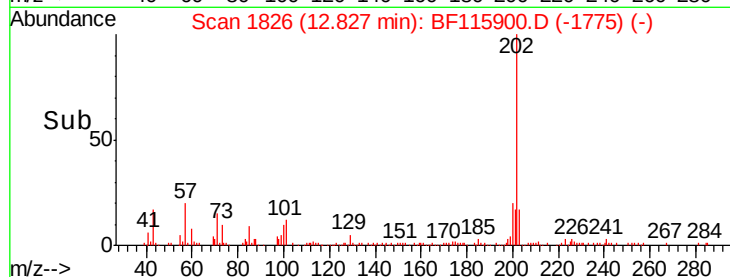
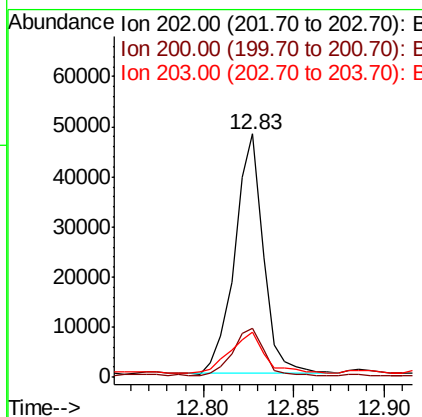
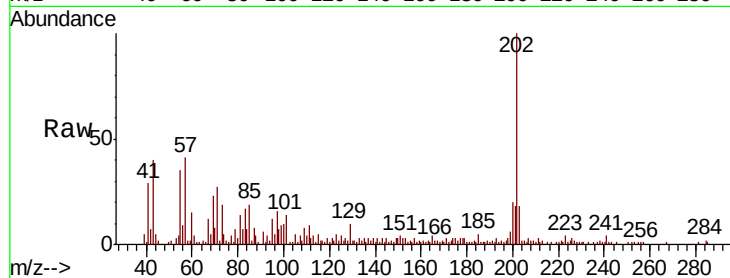




#78
Pvrene
Concen: 2.158 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

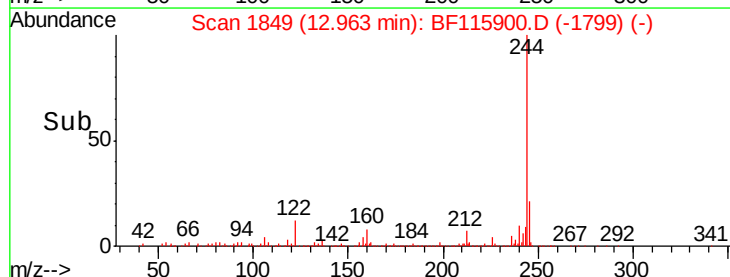
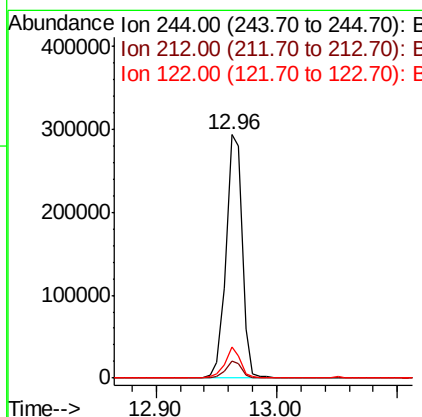
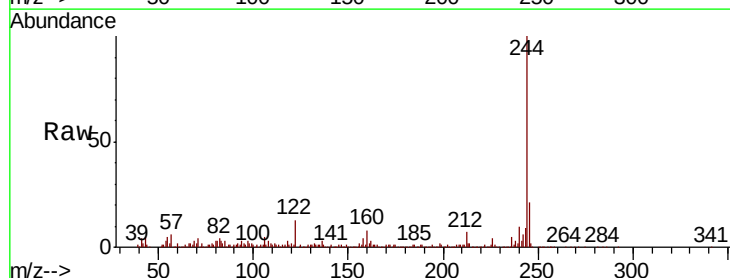
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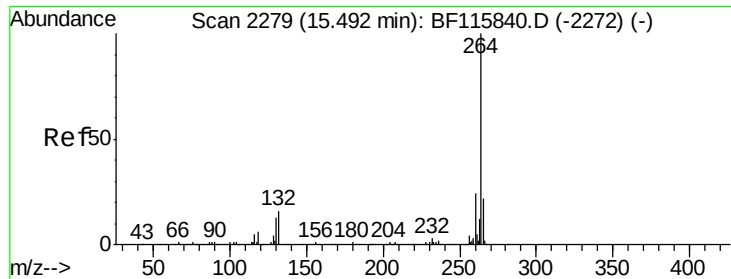
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.2	27.2
203	18.4	14.3	21.5



#79
Terphenyl-d14
Concen: 17.890 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.8	8.6	13.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Instrument :
BNA_F
ClientSampleId :
OK-01-072919

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	17.5	26.3

