

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118296.D
 Acq On : 19 Dec 2019 23:07
 Operator : JU
 Sample : K6350-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-3

Quant Time: Dec 20 04:55:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

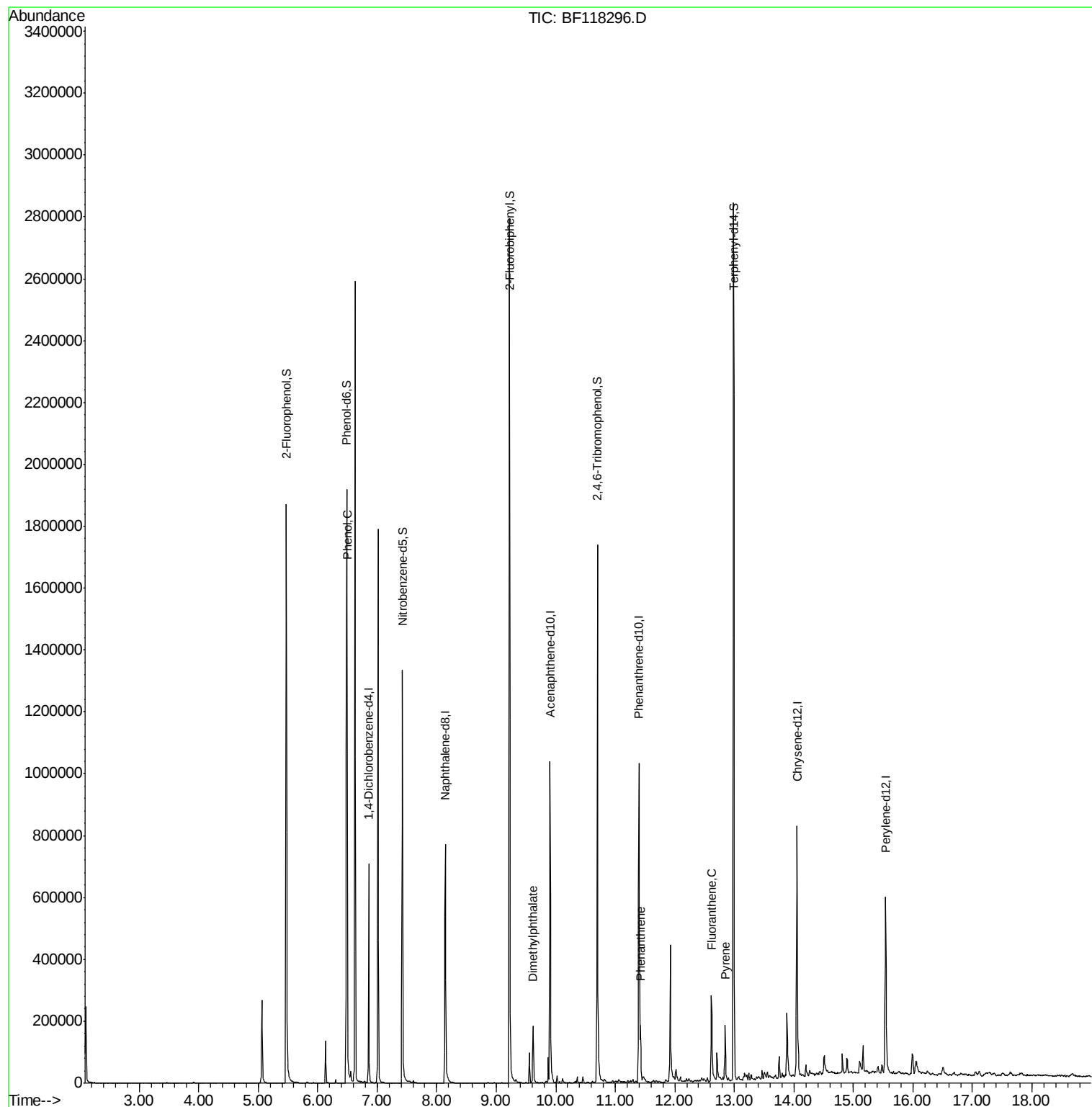
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	97887	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	386820	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	203434	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	388134	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	256400	20.00	ng	-0.02
87) Perylene-d12	15.54	264	268575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	553689	99.07	ng	0.00
7) Phenol-d6	6.49	99	700269	103.59	ng	-0.01
23) Nitrobenzene-d5	7.42	82	413506	60.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	232481	94.07	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	822473	61.52	ng	-0.02
79) Terphenyl-d14	12.99	244	964855	64.71	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	30401	3.943	ng	87
50) Dimethylphthalate	9.62	163	94887	6.315	ng	99
71) Phenanthrene	11.42	178	62545	3.031	ng	99
75) Fluoranthene	12.62	202	104962	4.976	ng	99
78) Pyrene	12.85	202	81539	4.035	ng	98

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

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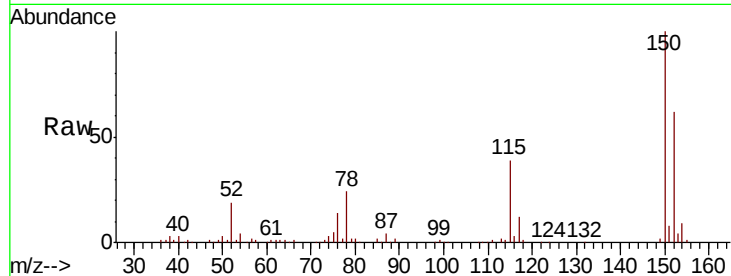


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	128.3	192.5
115	62.4	51.1	76.7

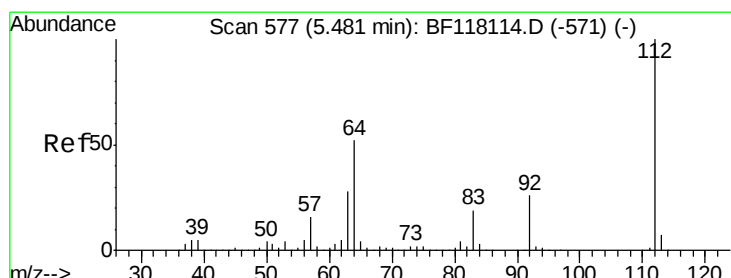
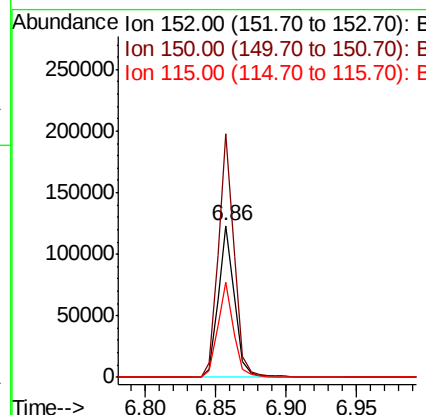
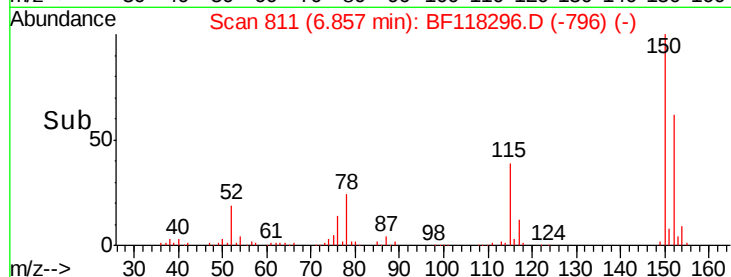


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

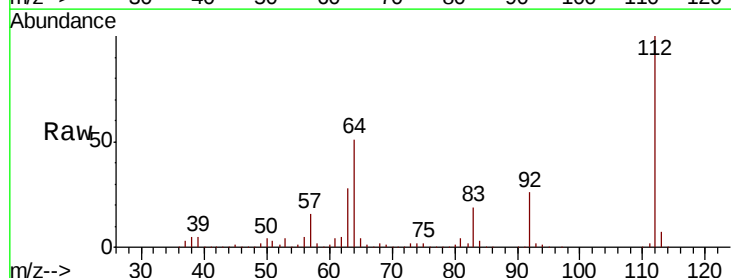
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.070 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	41.3	61.9
63	28.4	22.4	33.6

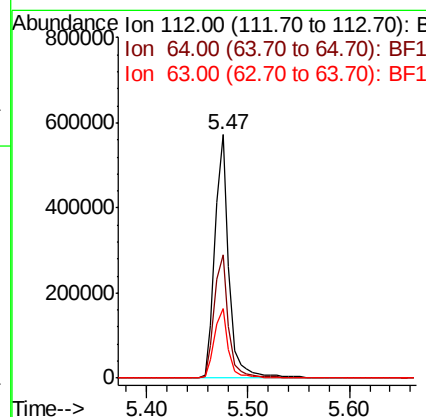
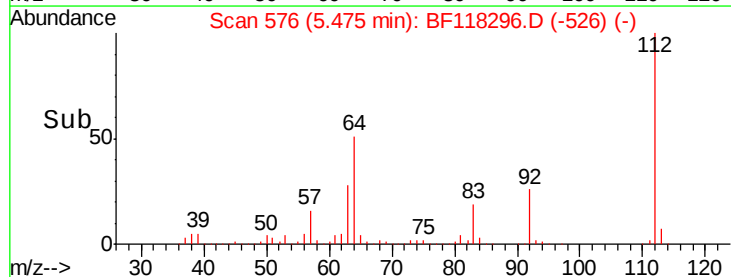


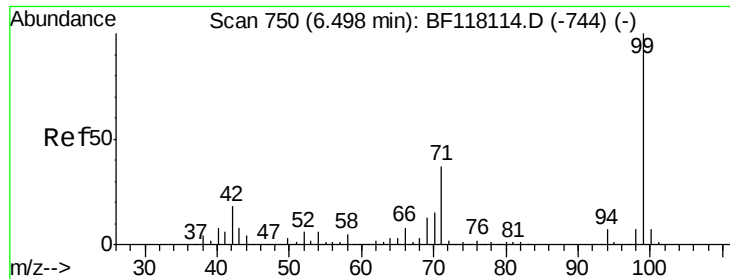
Abundance

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: 103.592 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

Instrument :

BNA_F

ClientSampled :

RO-1-3

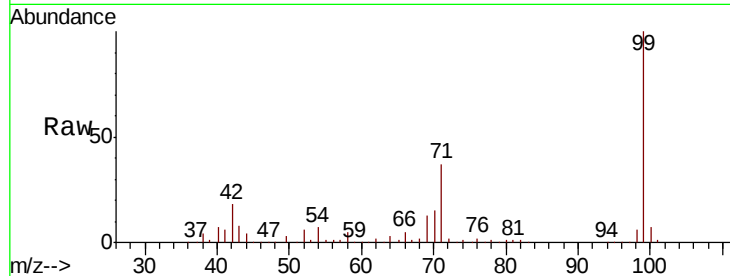
Tot Ion: 99 Resp: 700269

Ion Ratio Lower Upper

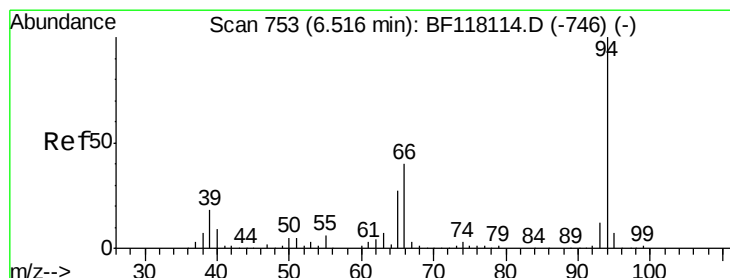
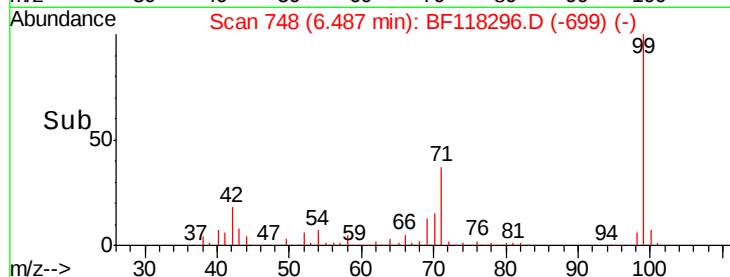
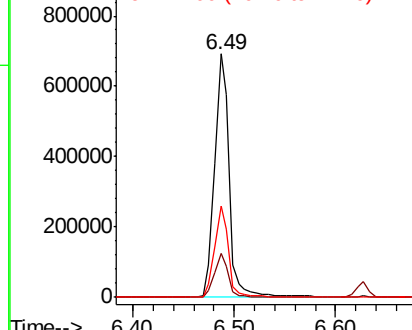
99 100

42 18.1 14.1 21.1

71 37.5 29.7 44.5



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: 3.943 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

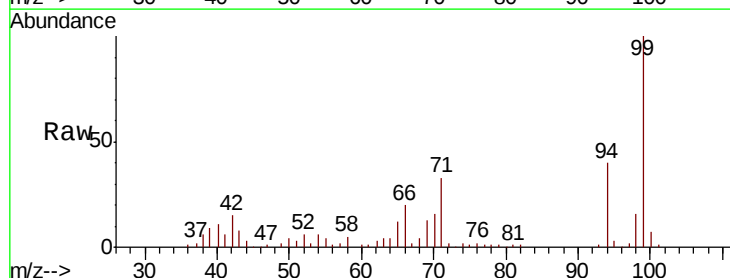
Tgt Ion: 94 Resp: 30401

Ion Ratio Lower Upper

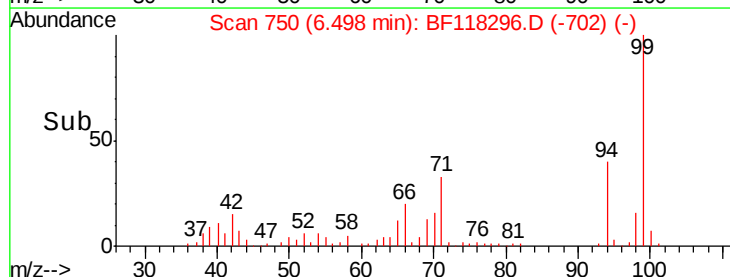
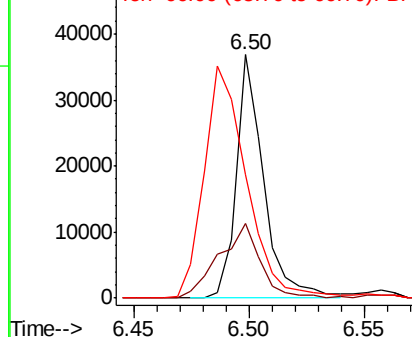
94 100

65 30.5 7.3 47.3

66 50.7 20.2 60.2



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

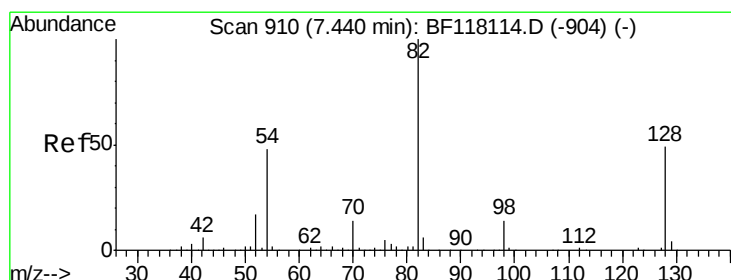
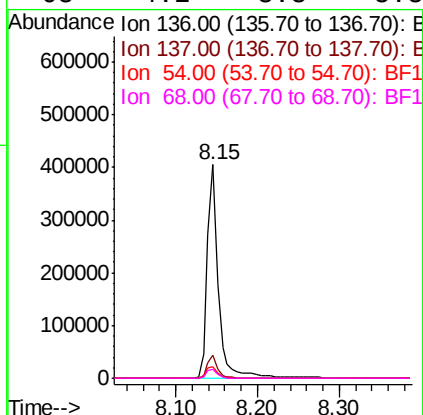
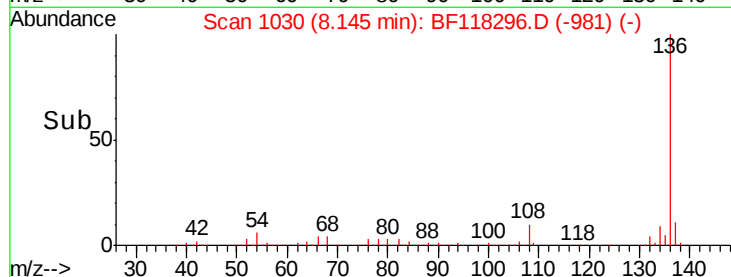
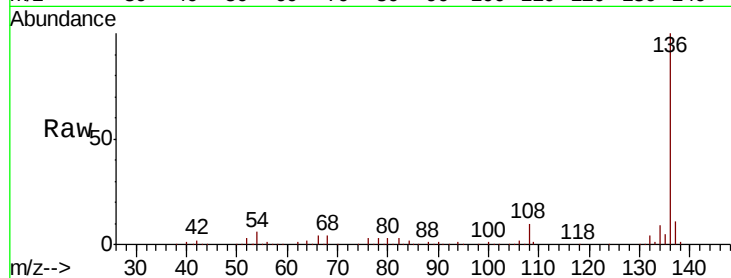




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

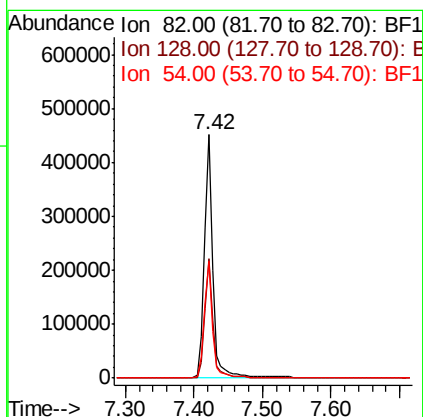
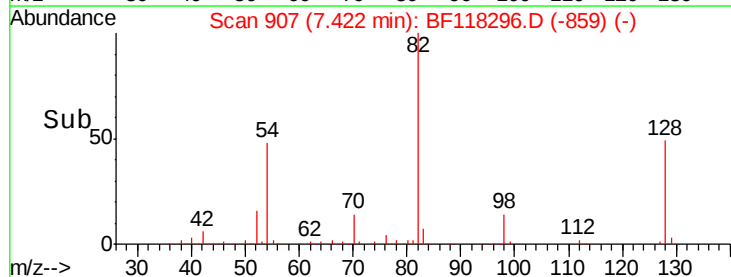
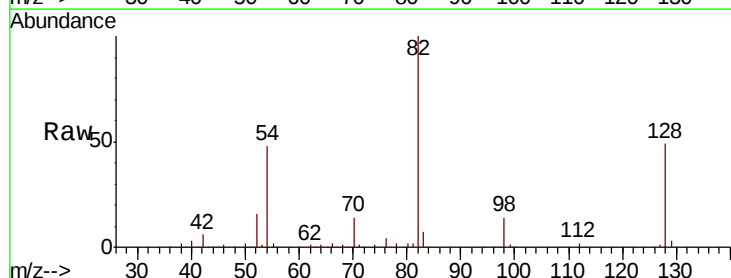
Instrument :
BNA_F
ClientSampleId :
RO-1-3

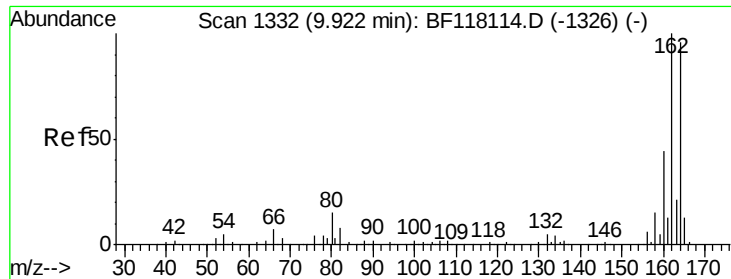
Tot Ion:136	Resp:	386820
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.0 13.6
54	5.6	5.0 7.6
68	4.2	3.8 5.8



#23
Nitrobenzene-d5
Concen: 60.139 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Tgt Ion: 82	Resp:	413506
Ion	Ratio	Lower Upper
82	100	
128	49.0	39.1 58.7
54	48.1	38.2 57.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

Instrument :

BNA_F

ClientSampleId :

RO-1-3

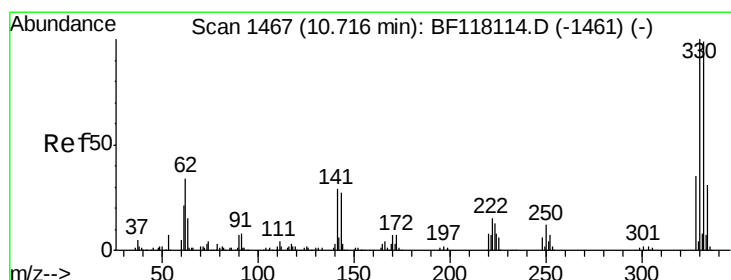
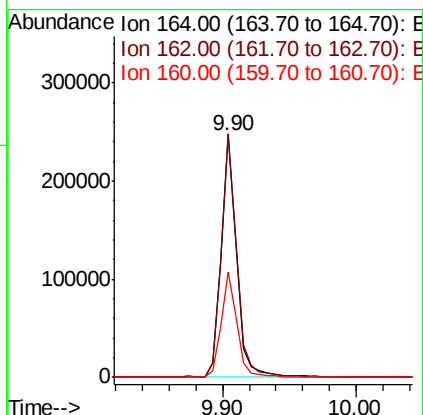
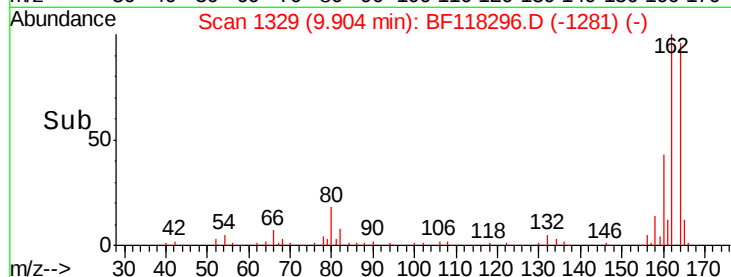
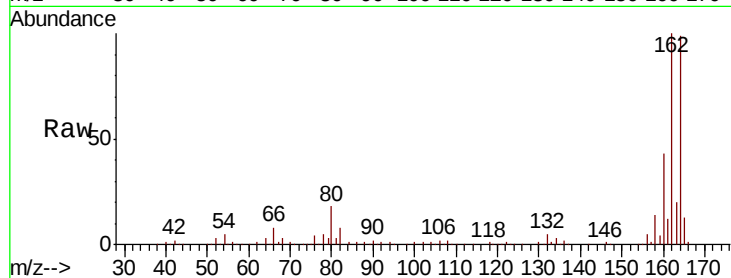
Tot Ion:164 Resp: 203434

Ion Ratio Lower Upper

164 100

162 100.7 83.4 125.0

160 43.6 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 94.070 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

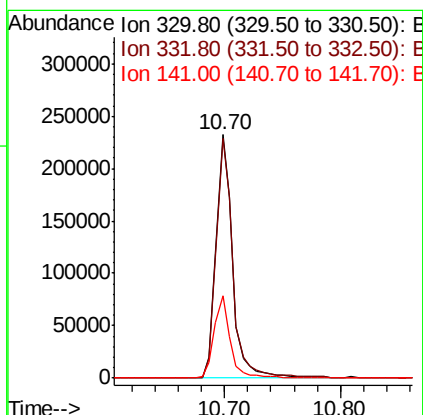
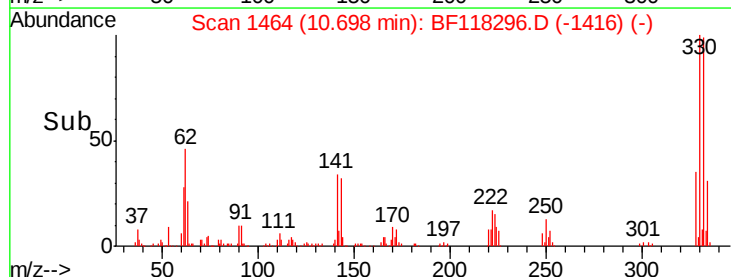
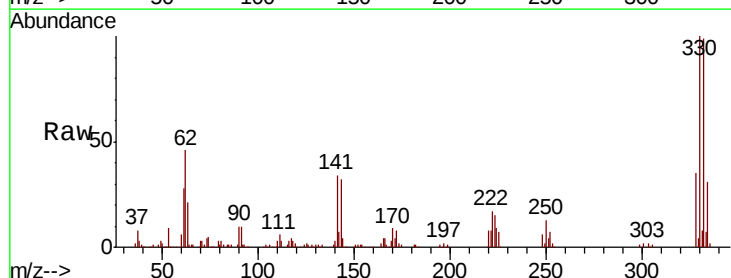
Tgt Ion:330 Resp: 232481

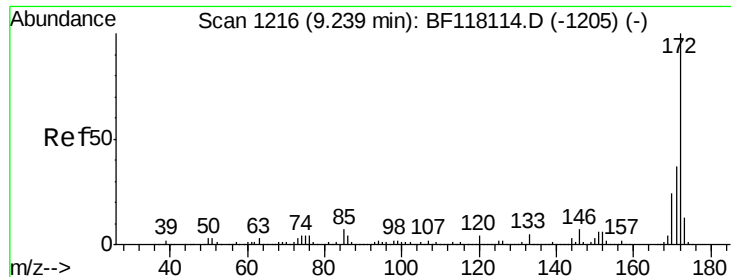
Ion Ratio Lower Upper

330 100

332 99.2 78.1 117.1

141 32.9 26.9 40.3

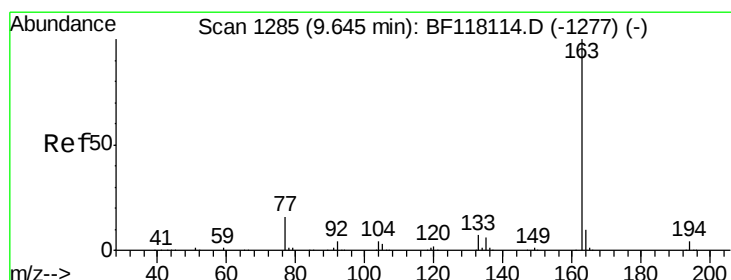
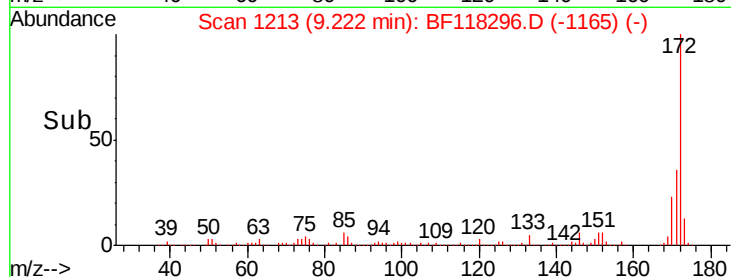
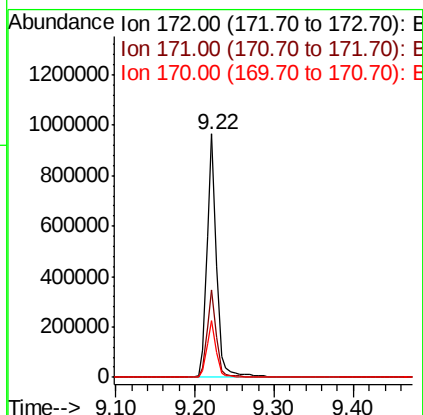
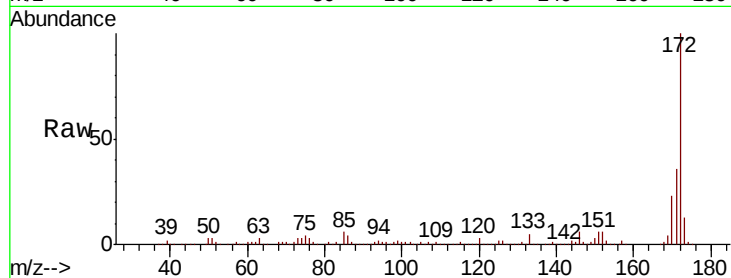




#45
2-Fluorobiphenyl
Concen: 61.519 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

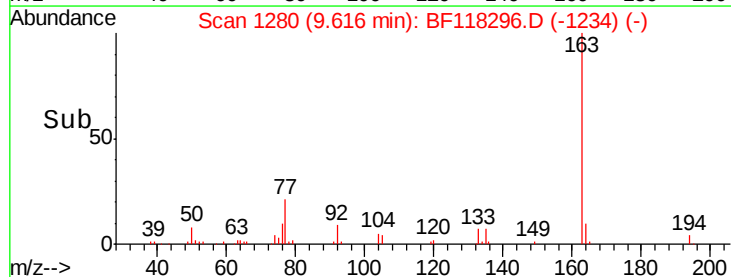
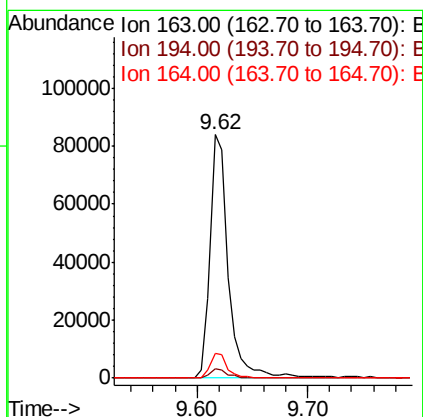
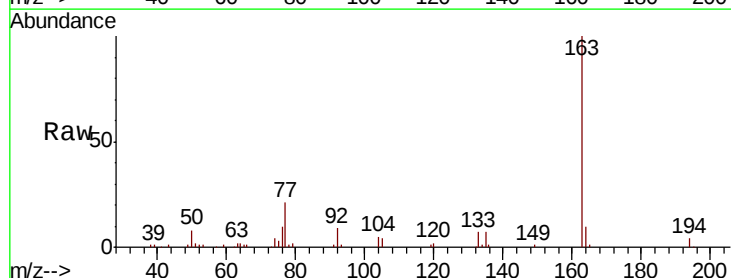
Instrument :
BNA_F
ClientSampleId :
RO-1-3

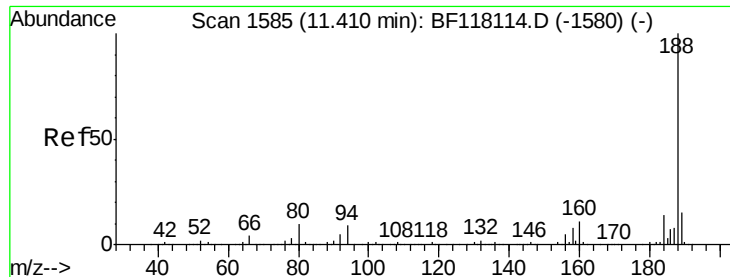
Tot Ion:172 Resp: 822473
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.4 19.4 29.2



#50
Dimethylphthalate
Concen: 6.315 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Tgt Ion:163 Resp: 94887
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

Instrument :

BNA_F

ClientSampleId :

RO-1-3

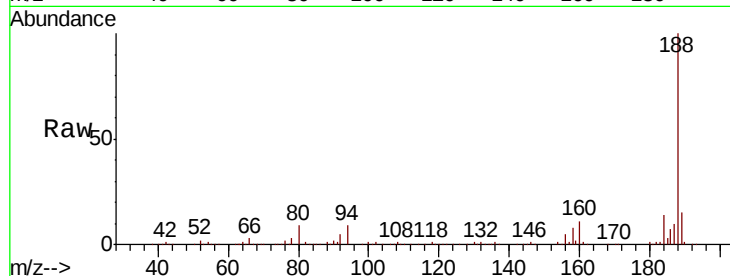
Tot Ion:188 Resp: 388134

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

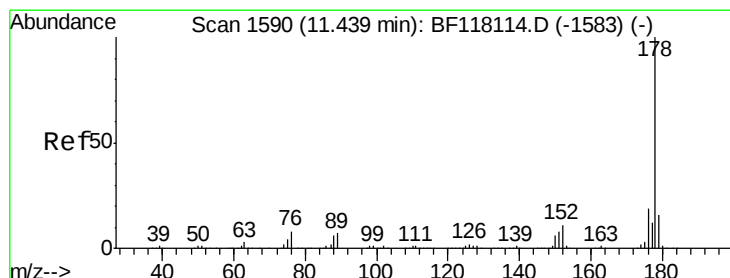
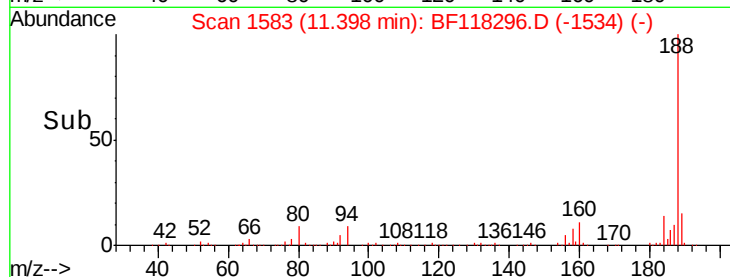
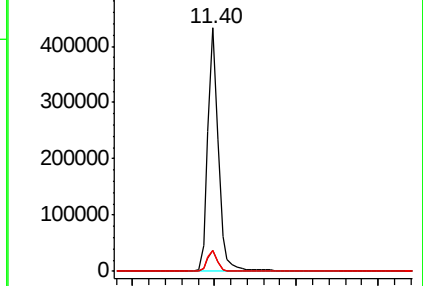
80 8.7 7.9 11.9



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



#71

Phenanthrene

Concen: 3.031 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

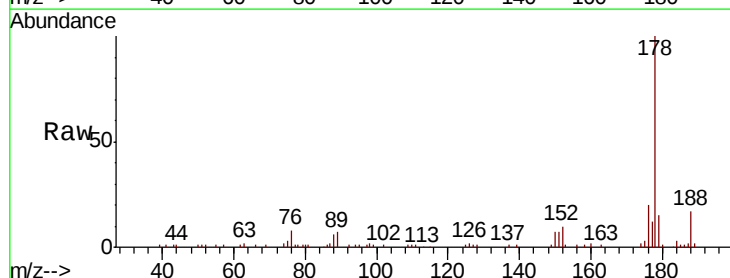
Tgt Ion:178 Resp: 62545

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

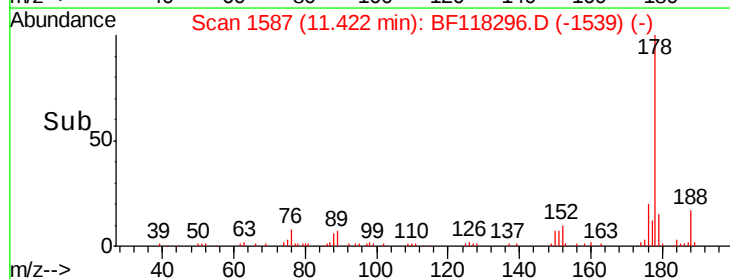
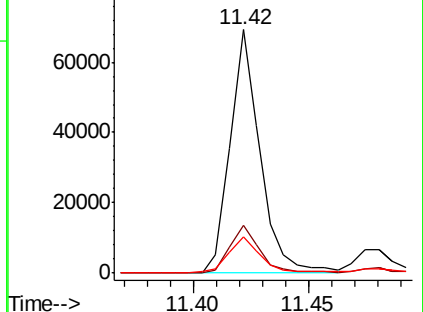
179 14.8 12.6 18.8

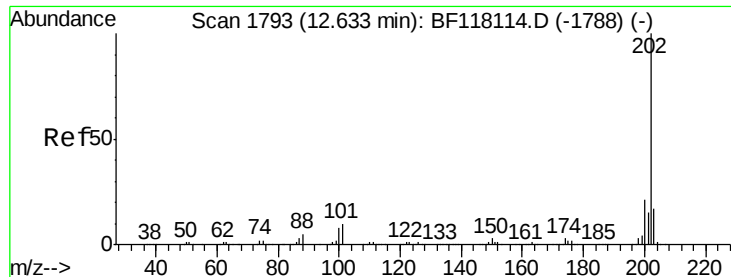


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.976 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

Instrument :

BNA_F

ClientSampleId :

RO-1-3

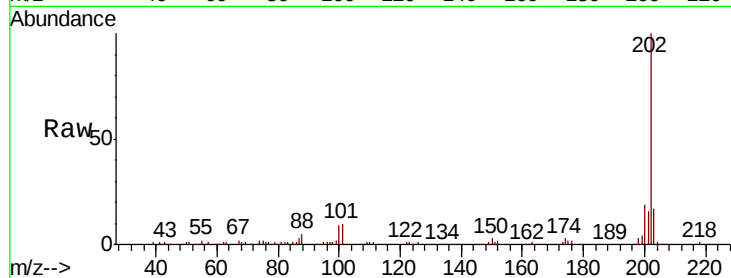
Tot Ion:202 Resp: 104962

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.4

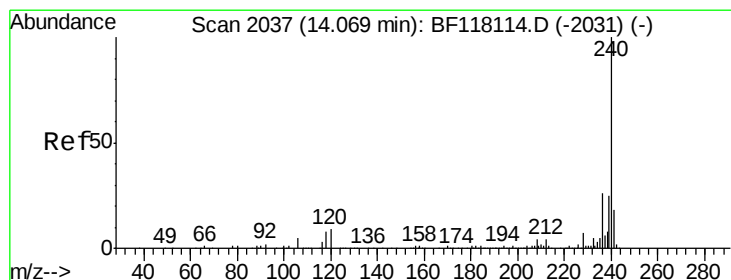
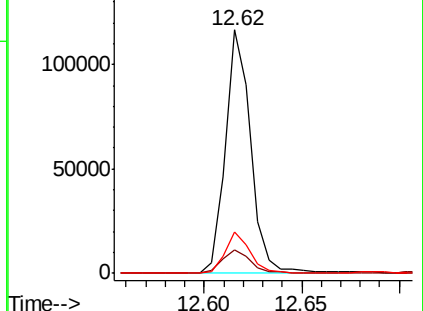
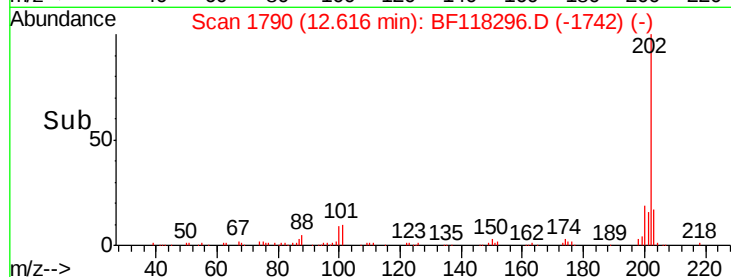
203 16.9 0.0 37.2



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118296.D

Acq: 19 Dec 2019 23:07

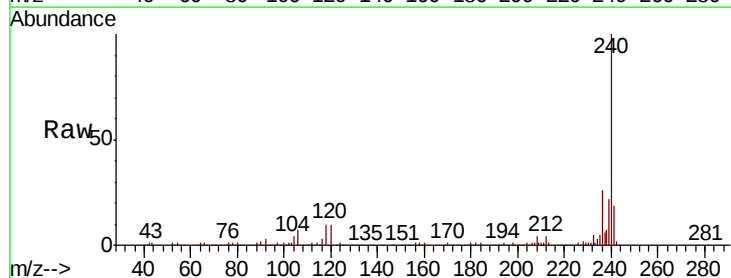
Tgt Ion:240 Resp: 256400

Ion Ratio Lower Upper

240 100

120 10.3 7.1 10.7

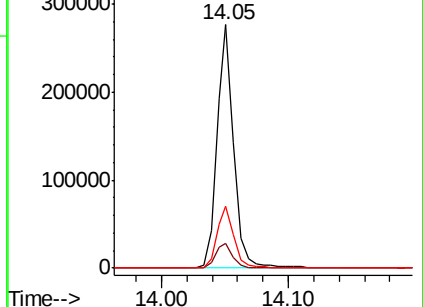
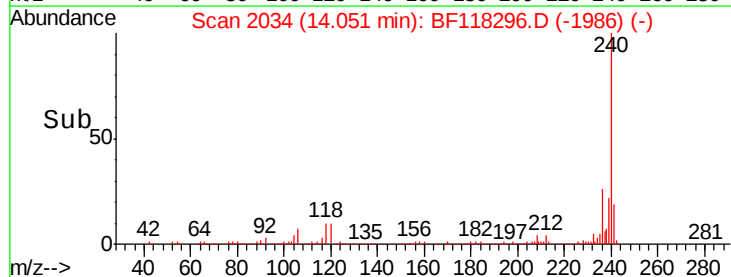
236 25.5 21.0 31.6

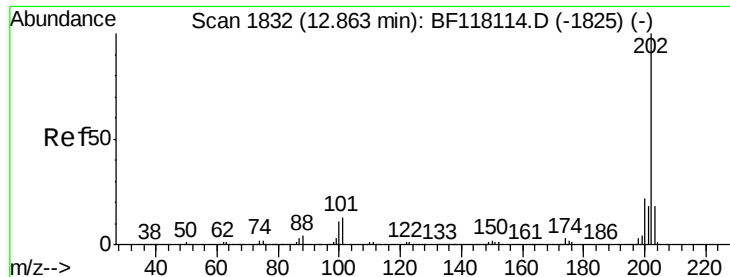


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

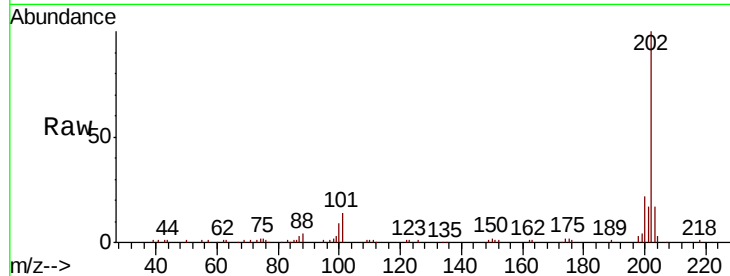




#78
Pvrene
Concen: 4.035 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Instrument :
BNA_F
ClientSampled :
RO-1-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	16.7	14.6	21.8

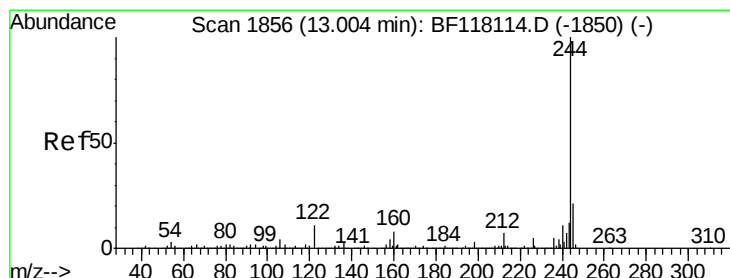
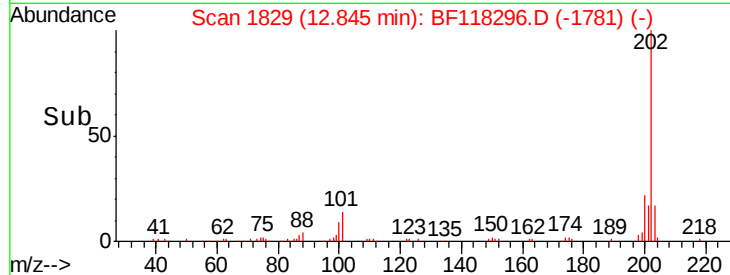
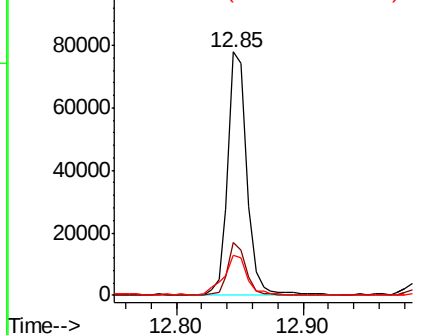


Abundance

Ion 202.00 (201.70 to 202.70): E

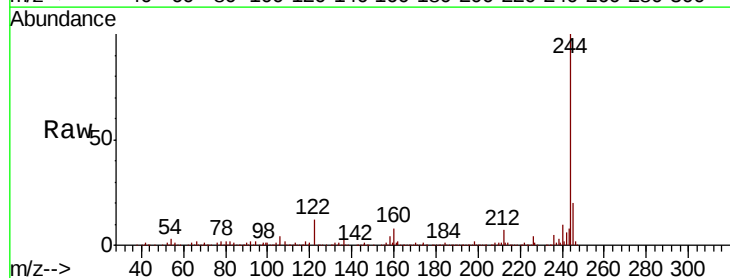
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 64.711 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.9	9.0	13.6

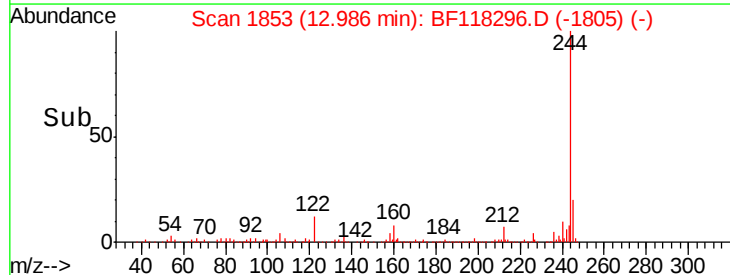
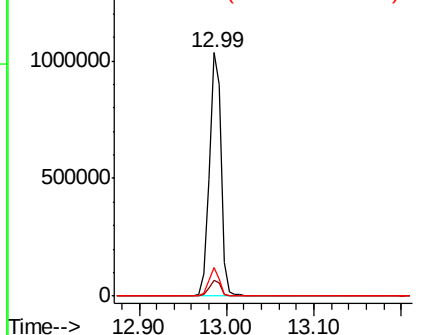


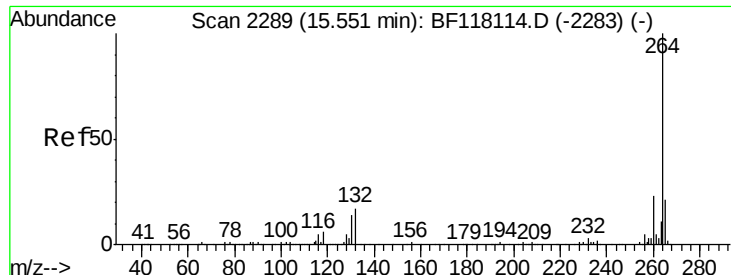
Abundance

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

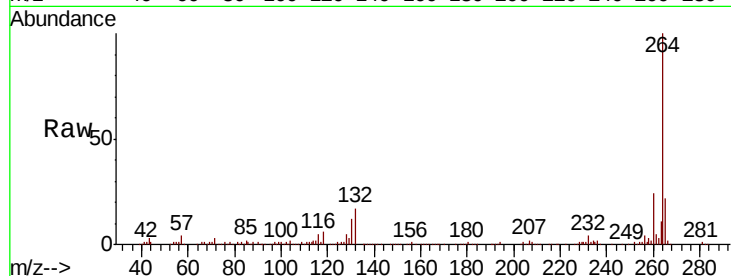




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF118296.D
Acq: 19 Dec 2019 23:07

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.7	16.8	25.2



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

