

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118341.D
 Acq On : 27 Dec 2019 16:46
 Operator : JU
 Sample : K6431-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(4-5)

Quant Time: Dec 28 01:33:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

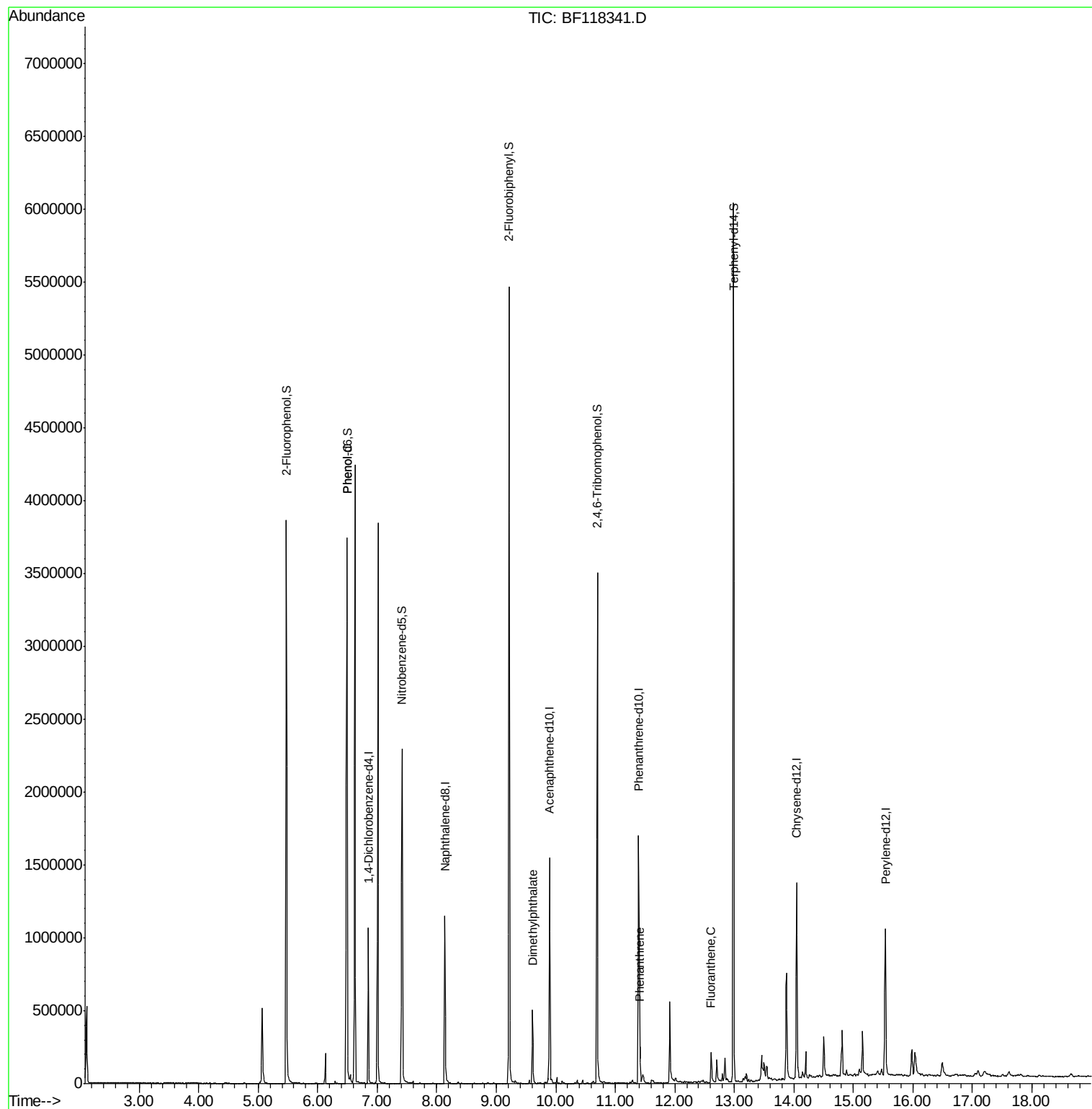
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151752	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	591201	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	321277	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	609052	20.00	ng	0.00
76) Chrysene-d12	14.04	240	409742	20.00	ng	0.00
87) Perylene-d12	15.54	264	382558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1136169	127.80	ng	0.01
7) Phenol-d6	6.49	99	1436514	130.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	875955	84.74	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	506233	127.59	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1746990	83.00	ng	0.00
79) Terphenyl-d14	12.99	244	2130263	86.25	ng	0.00
Target Compounds						
10) Phenol	6.50	94	35869	2.894	ng	84
50) Dimethylphthalate	9.61	163	206599	8.567	ng	99
71) Phenanthrene	11.42	178	82680	2.490	ng	96
75) Fluoranthene	12.61	202	80702	2.408	ng	95

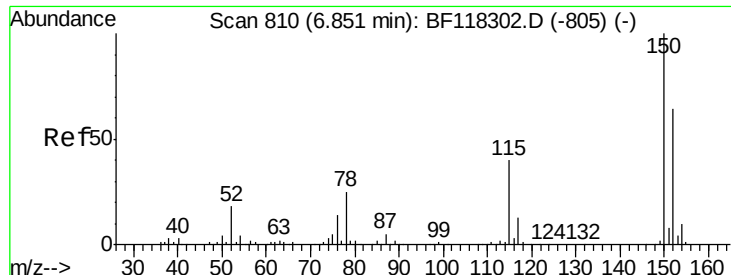
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118341.D
Acq On : 27 Dec 2019 16:46
Operator : JU
Sample : K6431-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

Quant Time: Dec 28 01:33:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



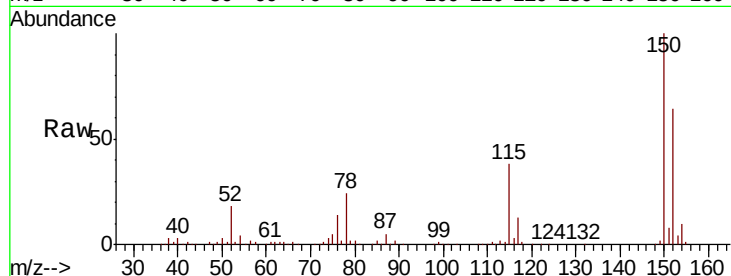


#1

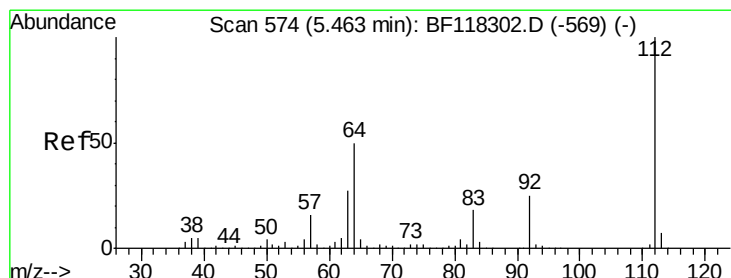
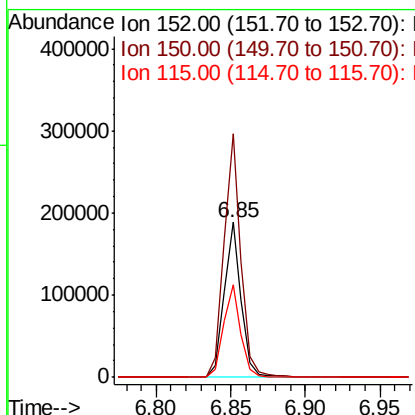
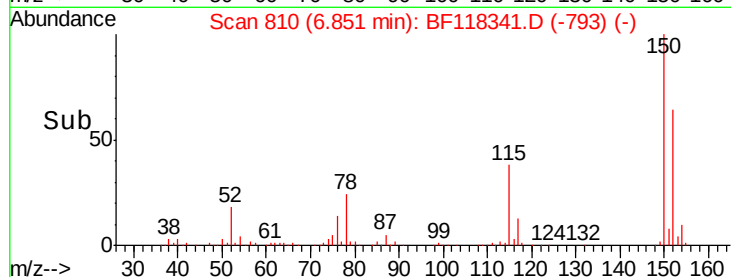
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

Tot Ion:152 Resp: 151752
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.2
115 60.1 50.2 75.4



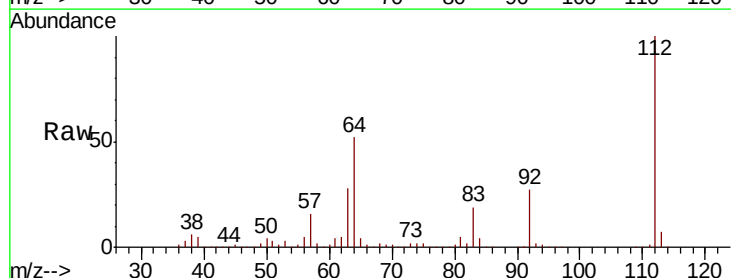
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



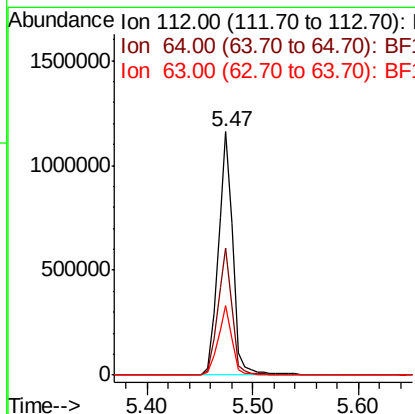
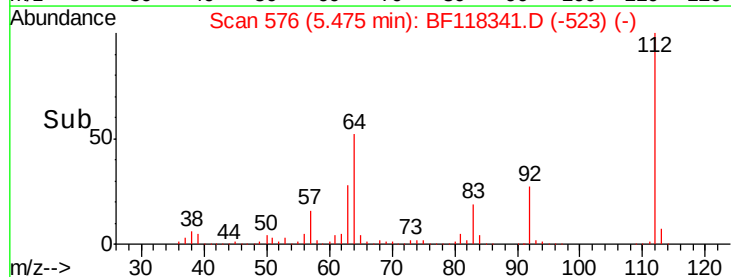
#5

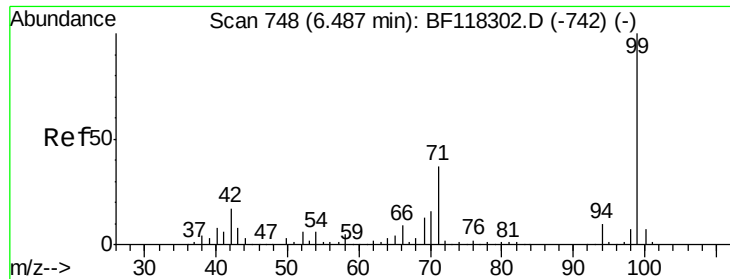
2-Fluorophenol
Concen: 127.802 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion:112 Resp: 1136169
Ion Ratio Lower Upper
112 100
64 52.1 39.7 59.5
63 28.4 21.7 32.5



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: 130.257 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

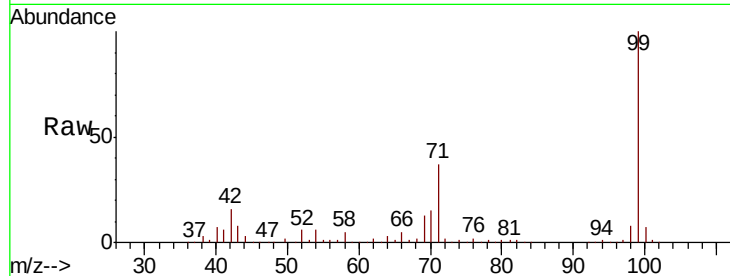
BNA_F

ClientSampleId :

SB-2-(4-5)

Tot Ion: 99 Resp: 1436514

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	36.7	29.4	44.2

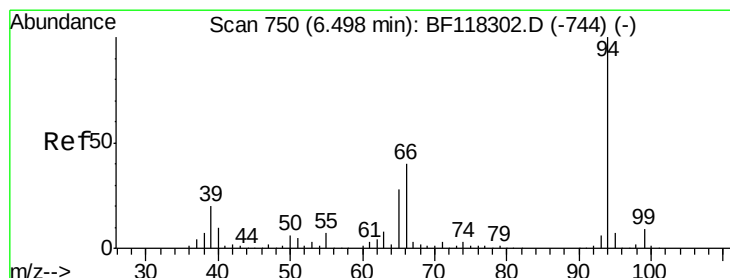
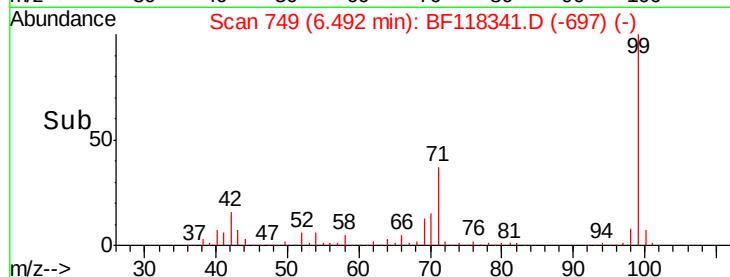
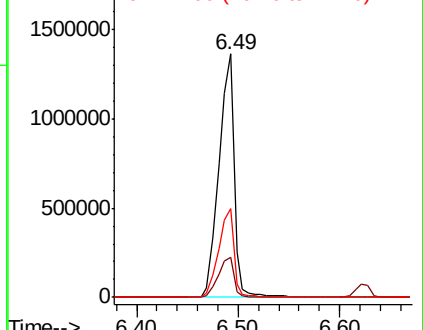


Abundance

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: 2.894 ng

RT: 6.50 min Scan# 750

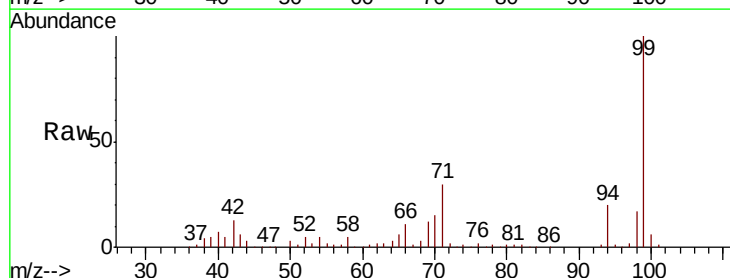
Delta R.T. 0.00 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Tgt Ion: 94 Resp: 35869

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.8	47.8
66	55.6	20.4	60.4

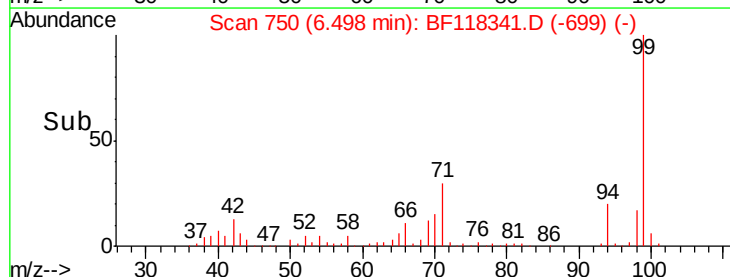
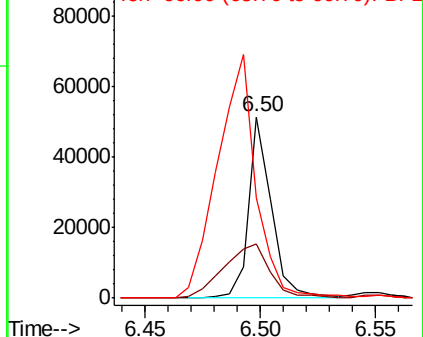


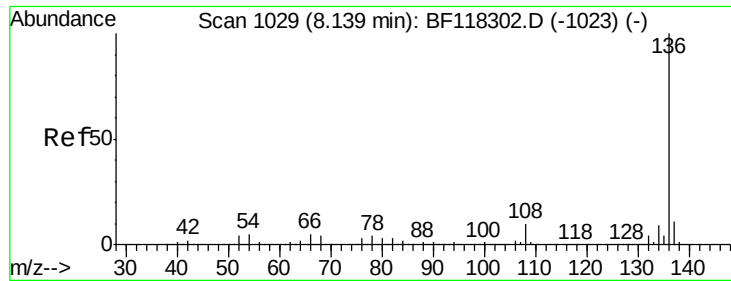
Abundance

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

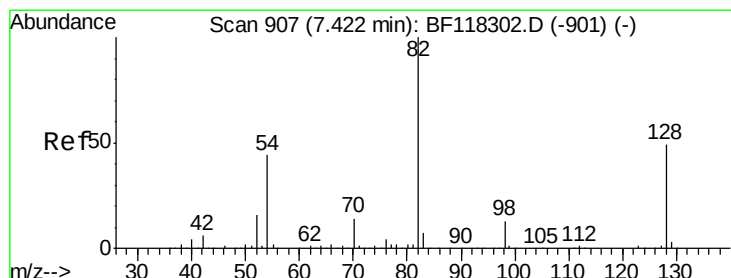
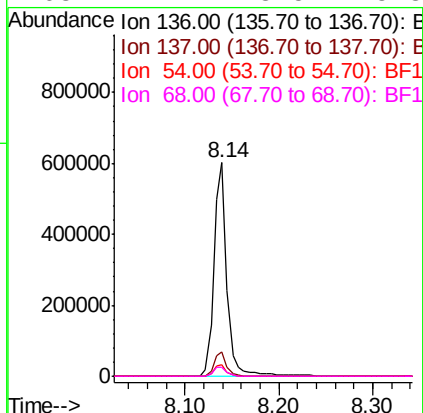
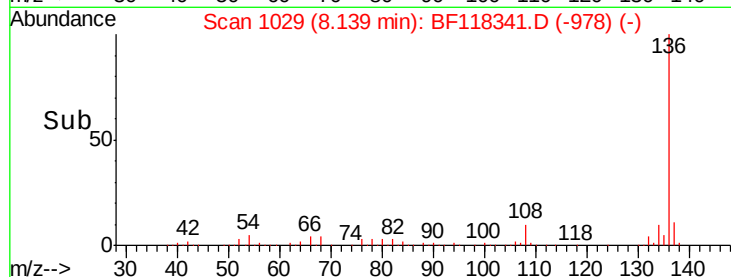
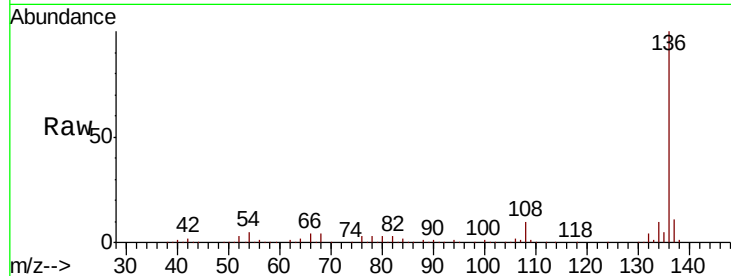




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

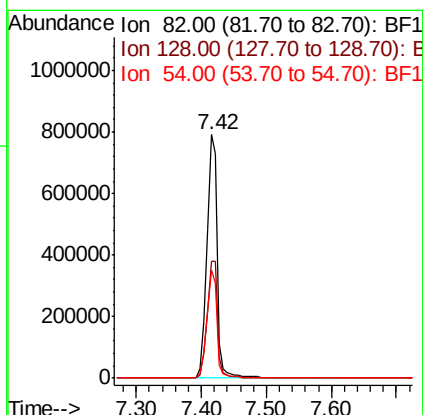
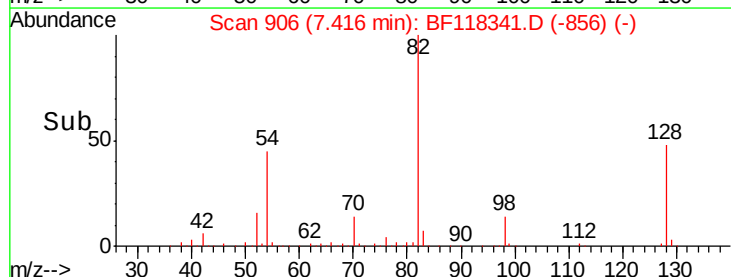
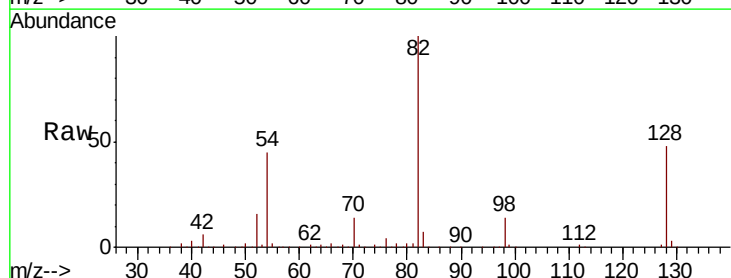
Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

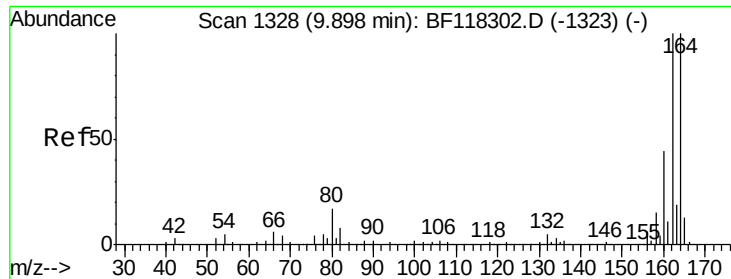
Tot Ion:136	Resp:	591201
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	5.2	4.2 6.4
68	4.1	3.5 5.3



#23
Nitrobenzene-d5
Concen: 84.743 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion: 82	Resp:	875955
Ion	Ratio	Lower Upper
82	100	
128	48.0	39.6 59.4
54	44.6	34.9 52.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

BNA_F

ClientSampleId :

SB-2-(4-5)

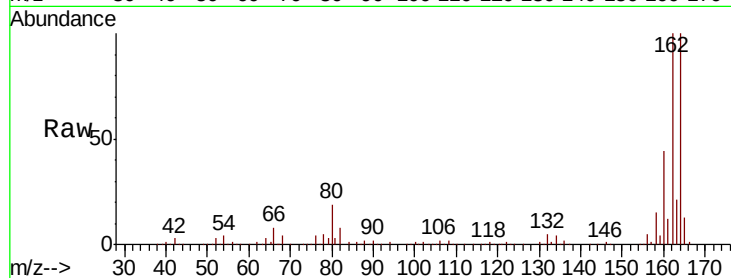
Tot Ion:164 Resp: 321277

Ion Ratio Lower Upper

164 100

162 100.2 80.0 120.0

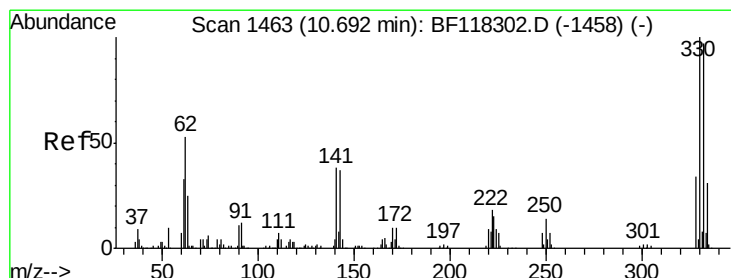
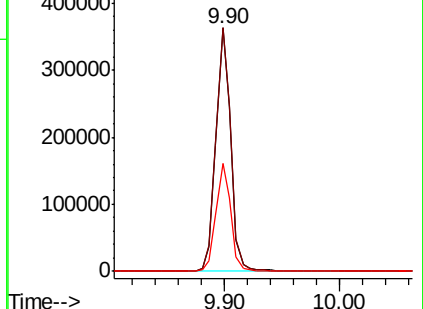
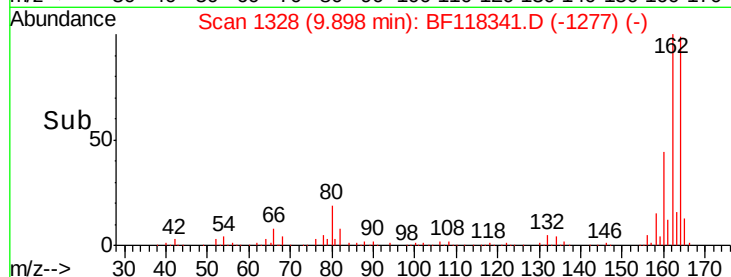
160 44.5 34.8 52.2



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: 127.594 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

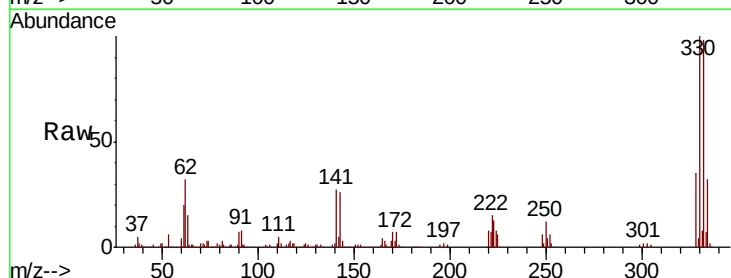
Tgt Ion:330 Resp: 506233

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

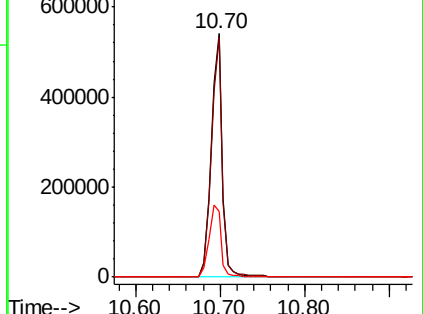
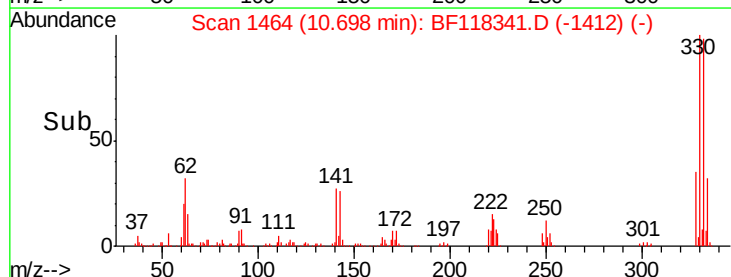
141 32.1 26.0 39.0

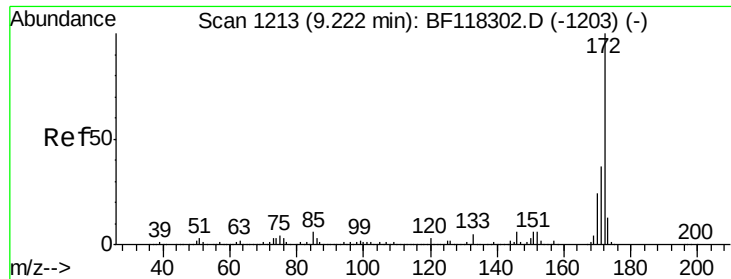


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



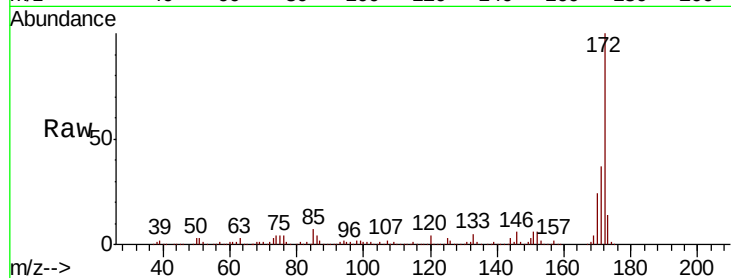


#45
 2-Fluorobiphenyl
 Concen: 83.004 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118341.D
 Acq: 27 Dec 2019 16:46

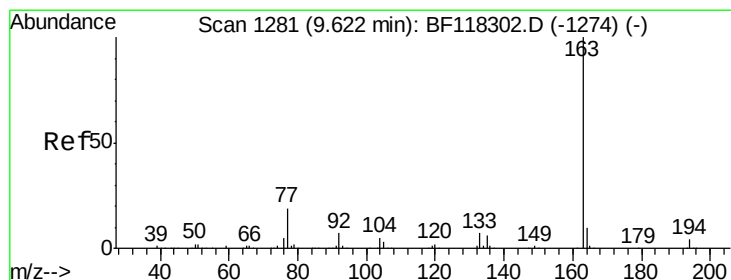
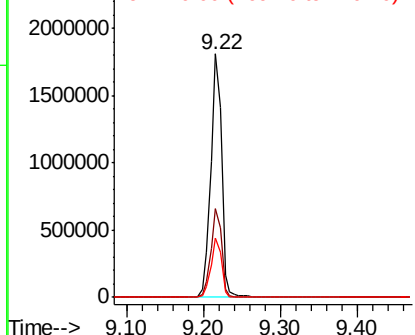
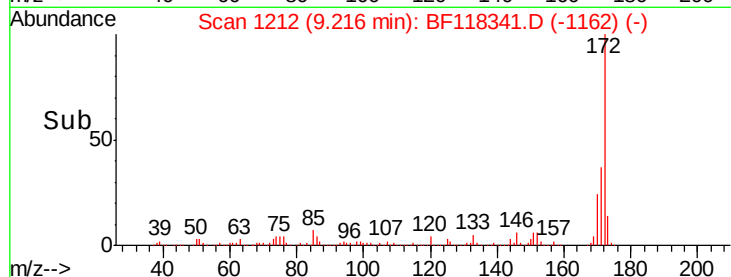
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(4-5)

Tot Ion:172 Resp: 1746990

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.2	19.2	28.8



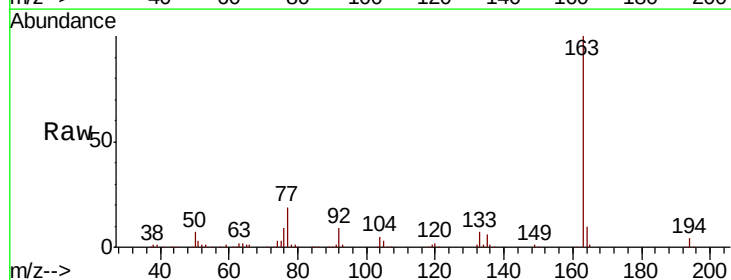
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



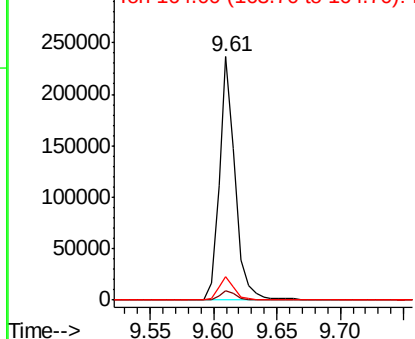
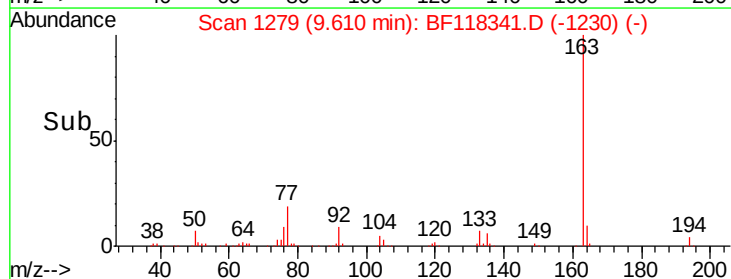
#50
 Dimethylphthalate
 Concen: 8.567 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF118341.D
 Acq: 27 Dec 2019 16:46

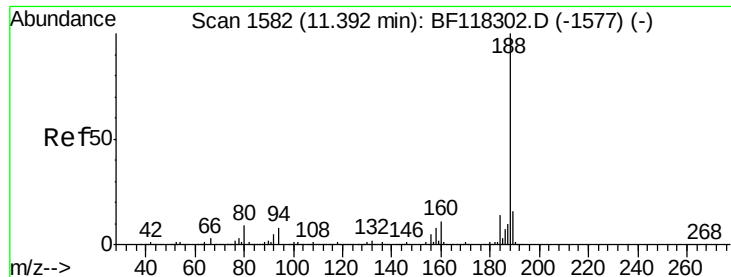
Tgt Ion:163 Resp: 206599

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.5	7.9	11.9



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

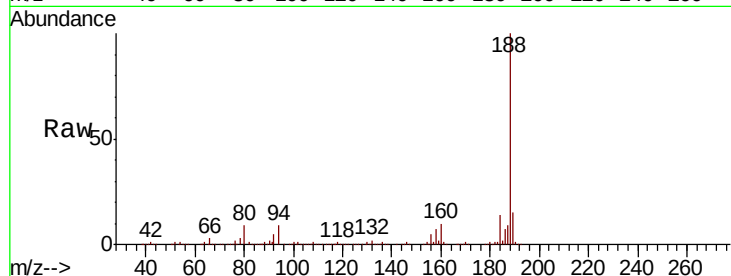




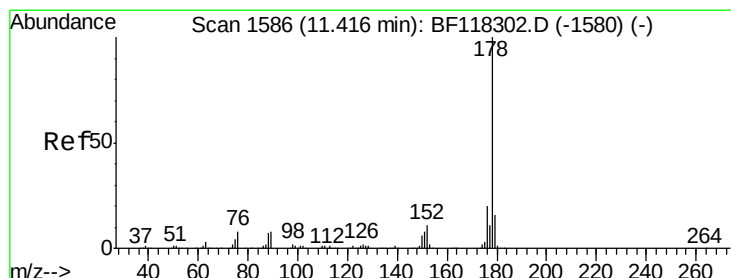
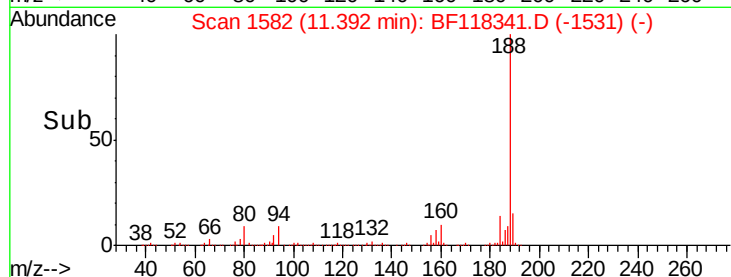
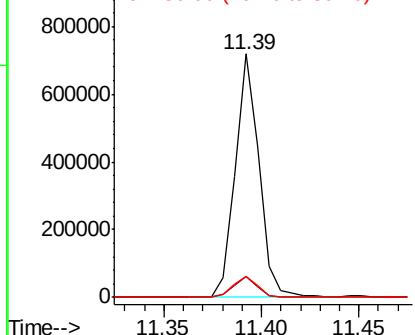
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

Tot Ion:188 Resp: 609052
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.7 7.2 10.8

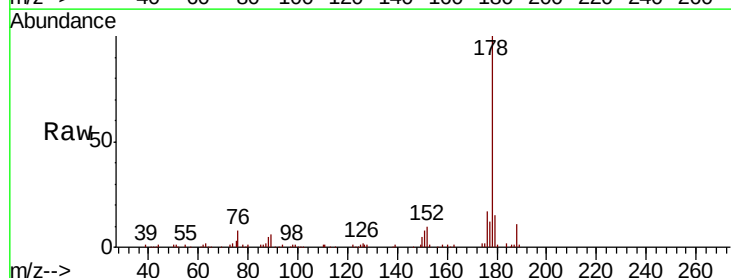


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

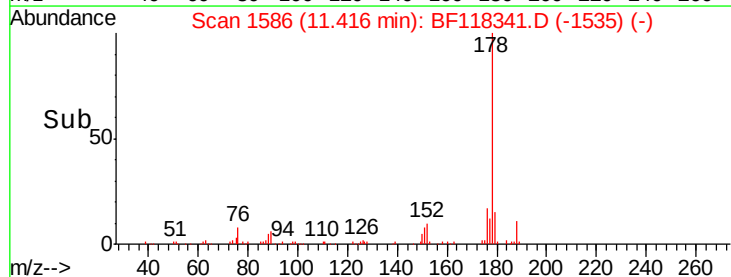
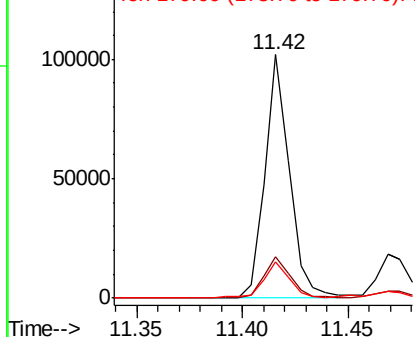


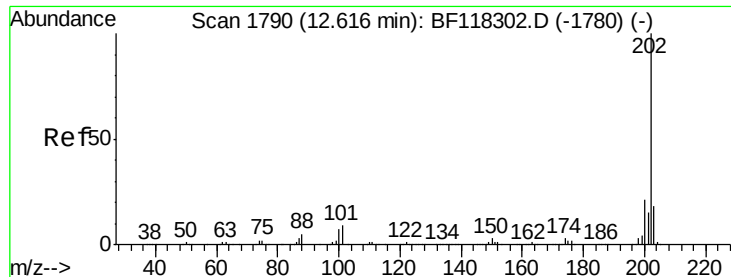
#71
Phenanthrene
Concen: 2.490 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion:178 Resp: 82680
Ion Ratio Lower Upper
178 100
176 16.8 15.6 23.4
179 14.8 12.6 19.0



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: 2.408 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

BNA_F

ClientSampled :

SB-2-(4-5)

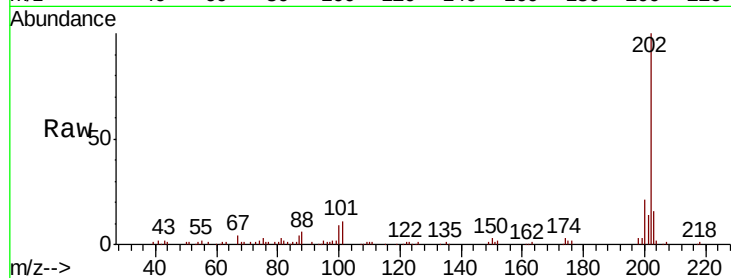
Tot Ion:202 Resp: 80702

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.5

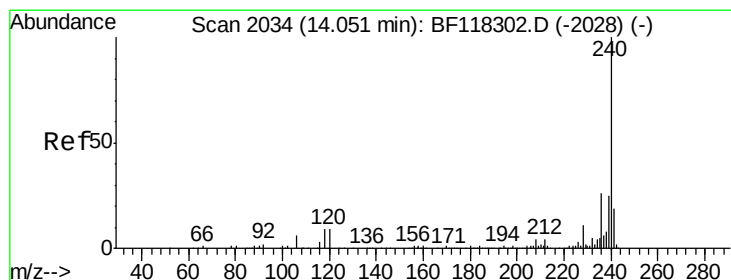
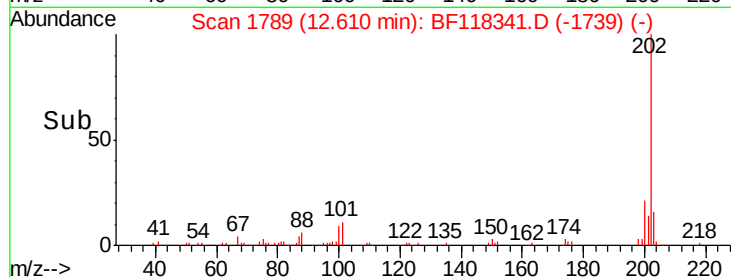
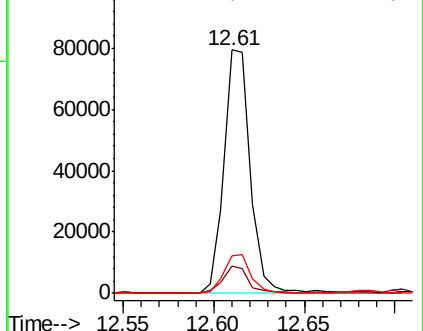
203 15.6 0.0 37.6



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

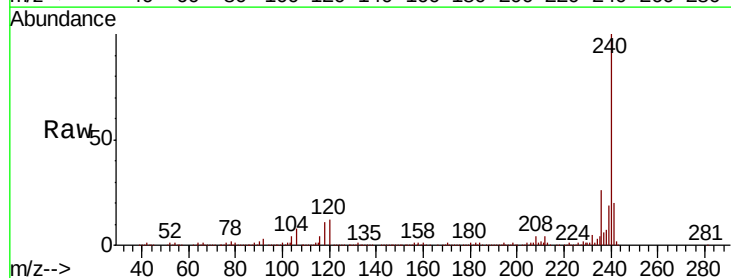
Tgt Ion:240 Resp: 409742

Ion Ratio Lower Upper

240 100

120 11.5 7.1 10.7#

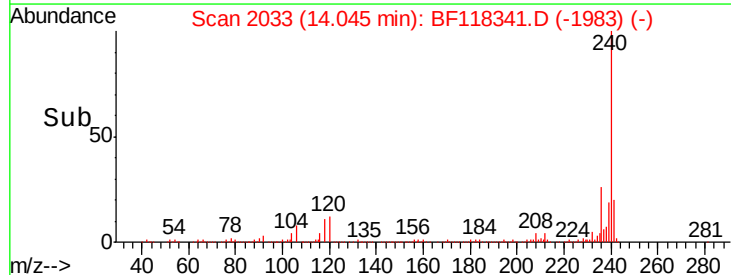
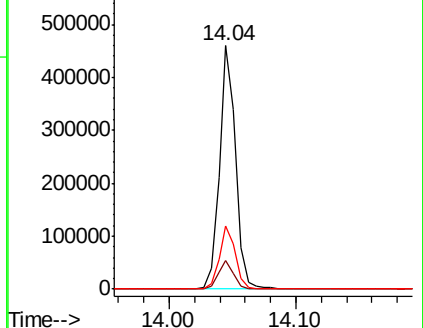
236 26.1 21.0 31.6

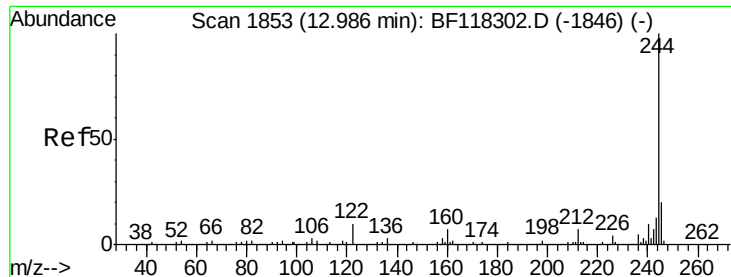


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.254 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

BNA_F

ClientSampleID :

SB-2-(4-5)

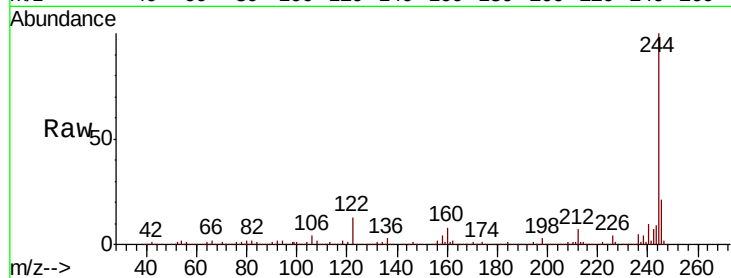
Tot Ion:244 Resp: 2130263

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 12.7 7.8 11.8#

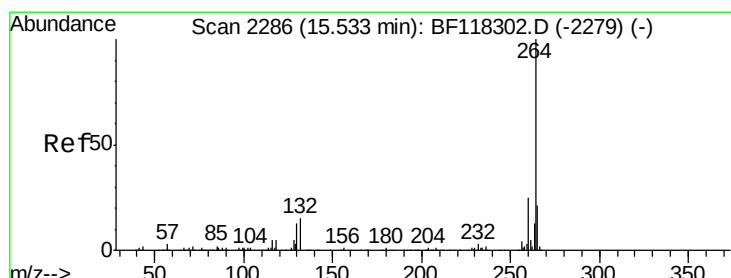
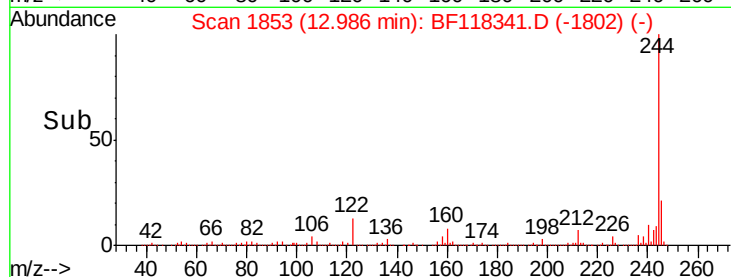
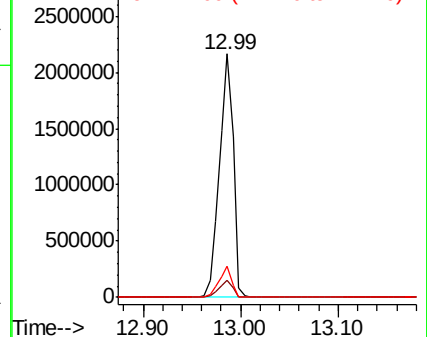


Abundance

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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

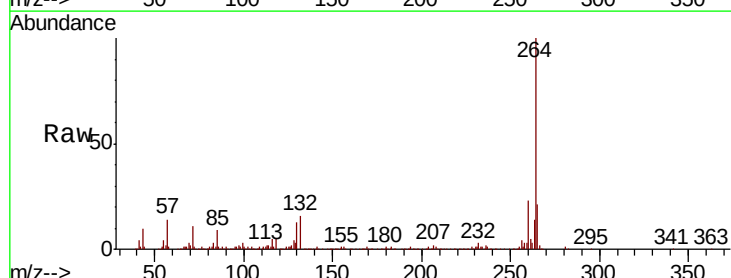
Tgt Ion:264 Resp: 382558

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 20.9 17.0 25.4



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

