

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118336.D
 Acq On : 27 Dec 2019 14:25
 Operator : JU
 Sample : K6431-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(4-5)

Quant Time: Dec 28 01:12:45 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

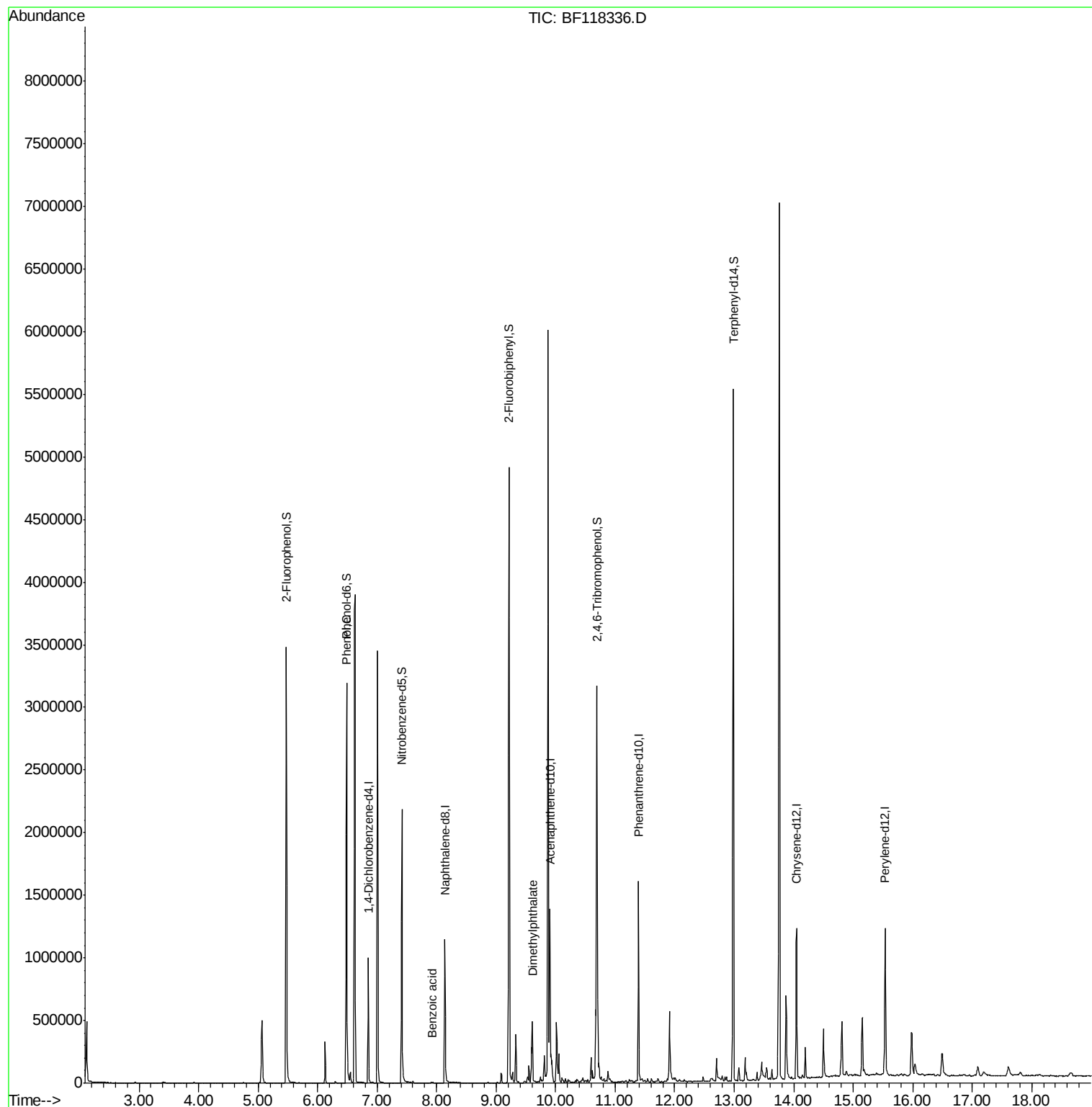
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145574	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	572267	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	307765	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	577152	20.00	ng	0.00
76) Chrysene-d12	14.05	240	390625	20.00	ng	0.00
87) Perylene-d12	15.54	264	370712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1013986	118.90	ng	0.01
7) Phenol-d6	6.49	99	1284765	121.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	775779	77.53	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	445419	117.19	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1558087	77.28	ng	0.00
79) Terphenyl-d14	12.99	244	1828905	77.68	ng	0.00
Target Compounds						
10) Phenol	6.50	94	29303	2.464	ng	90
32) Benzoic acid	7.93	122	2211	5.996	ng	# 68
50) Dimethylphthalate	9.61	163	197499	8.549	ng	100

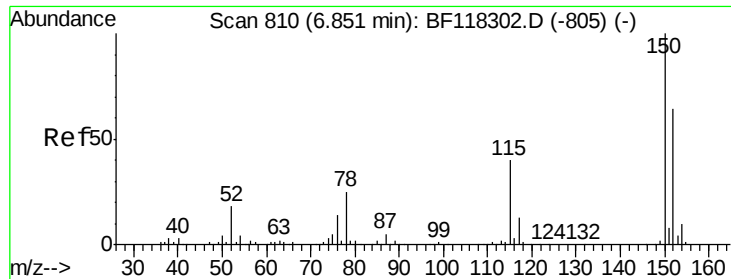
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118336.D
Acq On : 27 Dec 2019 14:25
Operator : JU
Sample : K6431-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-(4-5)

Quant Time: Dec 28 01:12:45 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: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

BNA_F

ClientSampleId :

SB-3-(4-5)

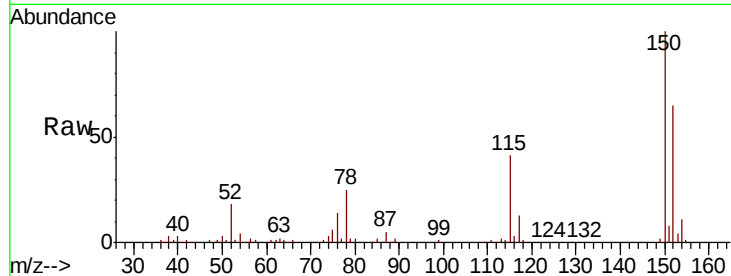
Tot Ion:152 Resp: 145574

Ion Ratio Lower Upper

152 100

150 154.7 125.4 188.2

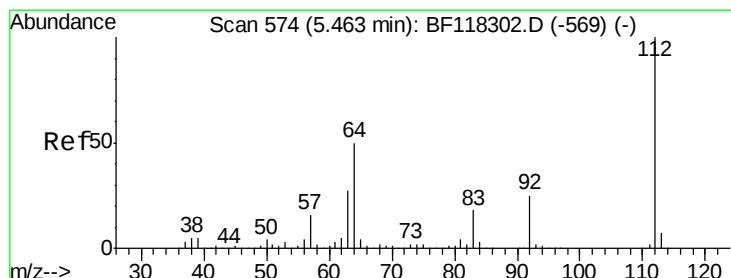
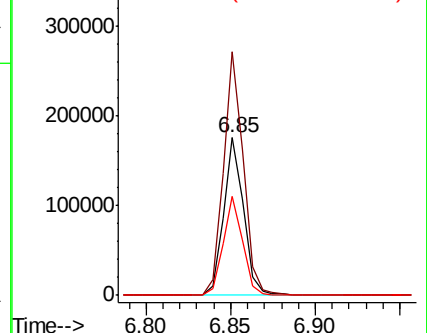
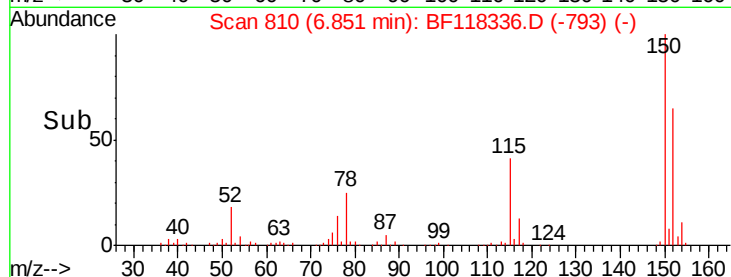
115 62.9 50.2 75.4



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: 118.899 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

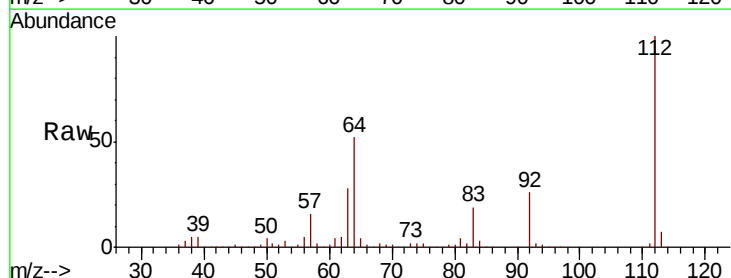
Tgt Ion:112 Resp: 1013986

Ion Ratio Lower Upper

112 100

64 52.3 39.7 59.5

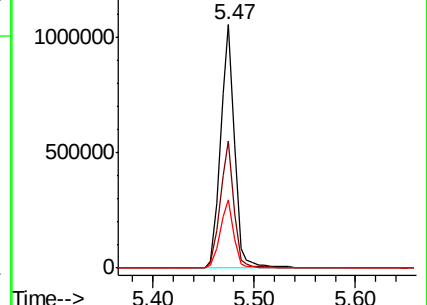
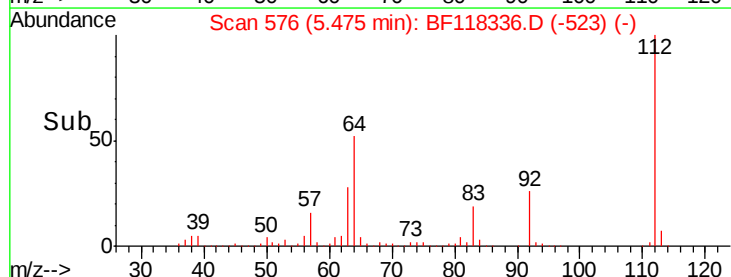
63 27.8 21.7 32.5

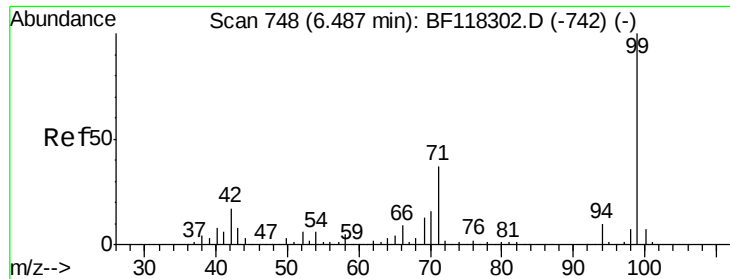


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 121.441 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

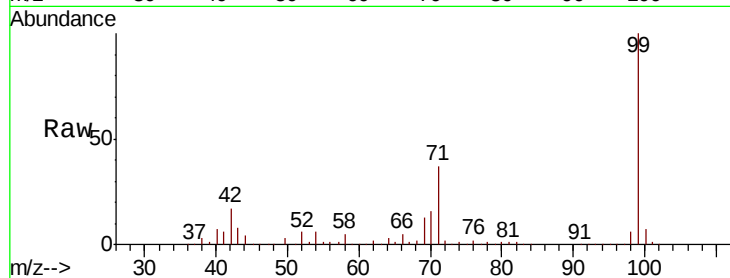
BNA_F

ClientSampleId :

SB-3-(4-5)

Tot Ion: 99 Resp: 1284765

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	37.4	29.4	44.2

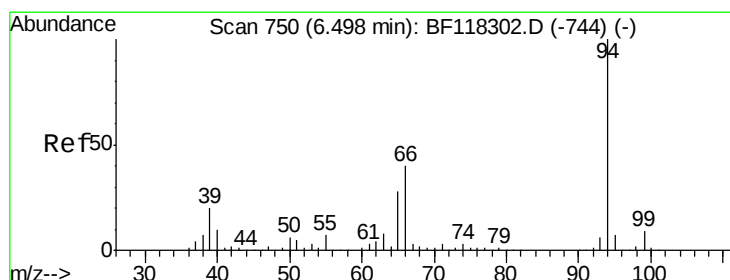
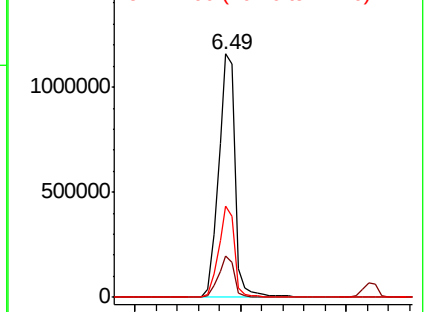
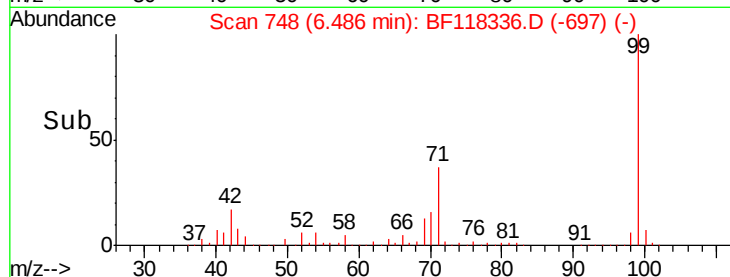


Abundance

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: 2.464 ng

RT: 6.50 min Scan# 750

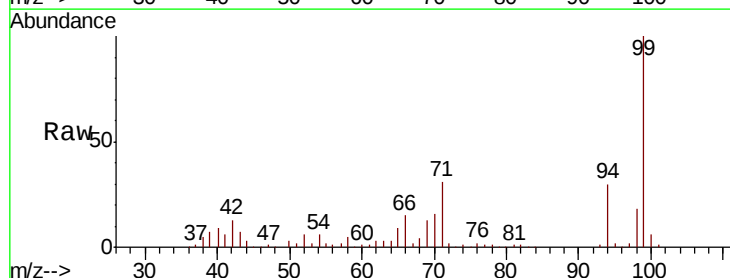
Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Tgt Ion: 94 Resp: 29303

Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.8	47.8
66	49.1	20.4	60.4

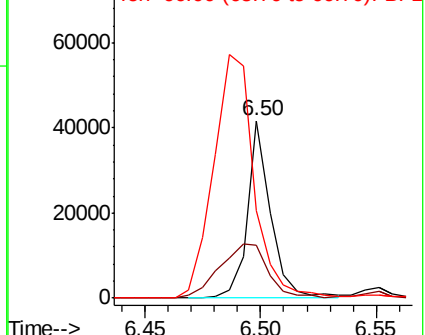
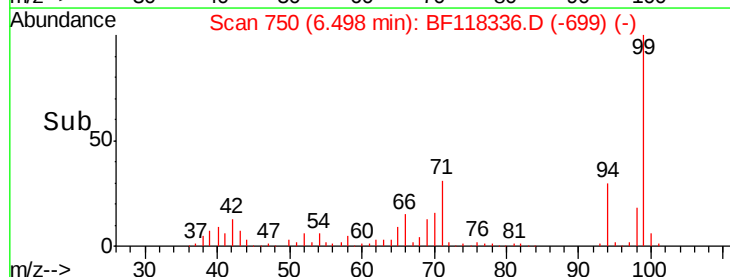


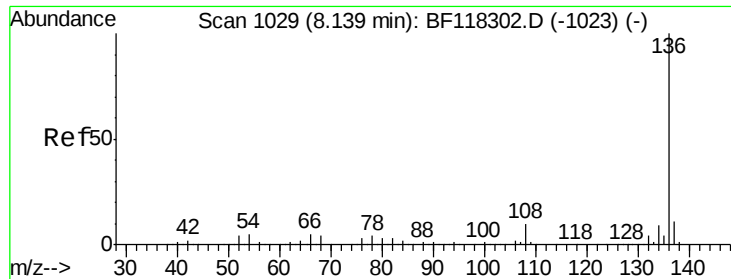
Abundance

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

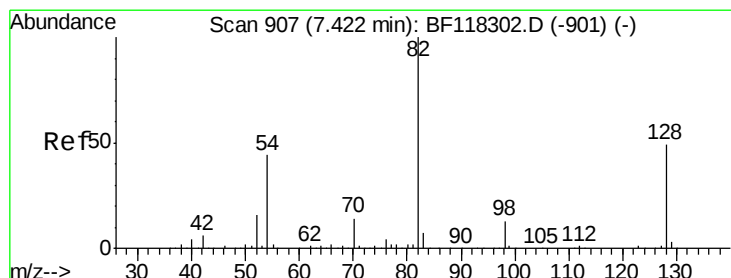
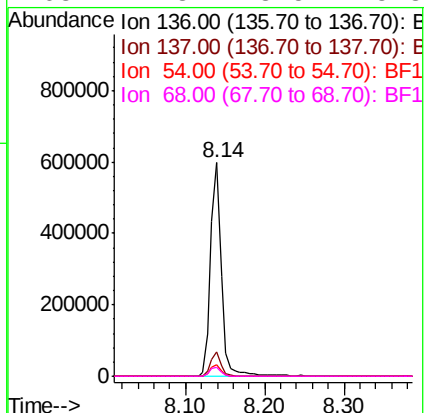
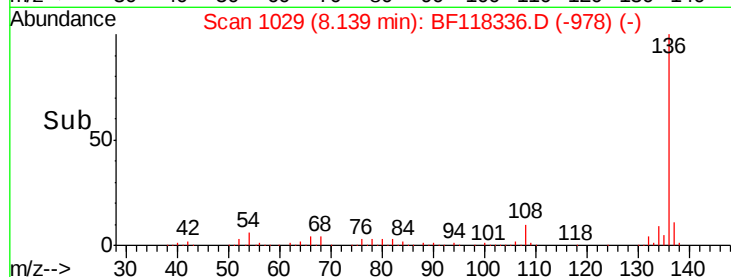
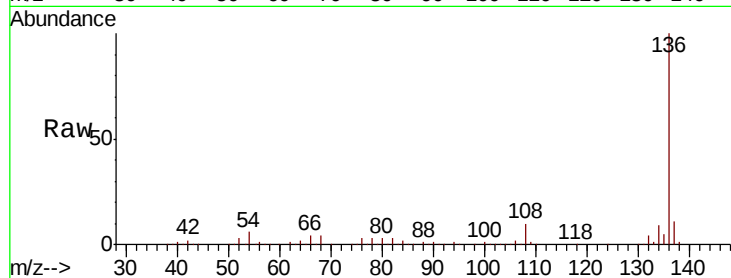




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

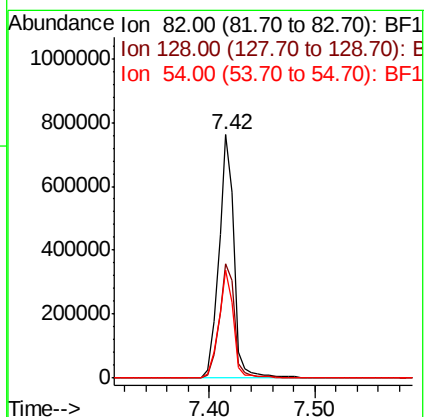
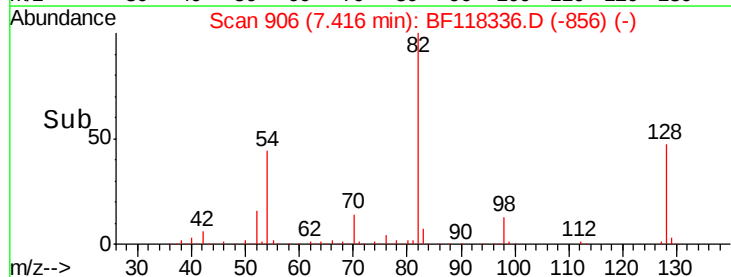
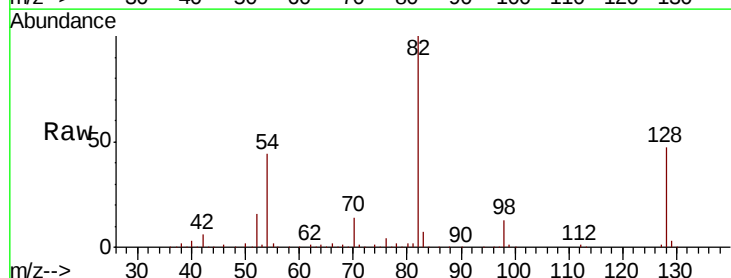
Instrument :
BNA_F
ClientSampleId :
SB-3-(4-5)

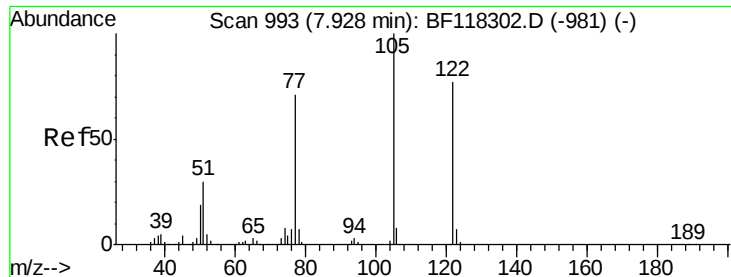
Tot Ion:136	Resp:	572267	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.9	13.3	
54 5.6	4.2	6.4	
68 4.3	3.5	5.3	



#23
Nitrobenzene-d5
Concen: 77.535 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion: 82	Resp: 775779
Ion Ratio	Lower Upper
82 100	
128 47.0	39.6 59.4
54 44.3	34.9 52.3





#32

Benzoic acid

Concen: 5.996 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

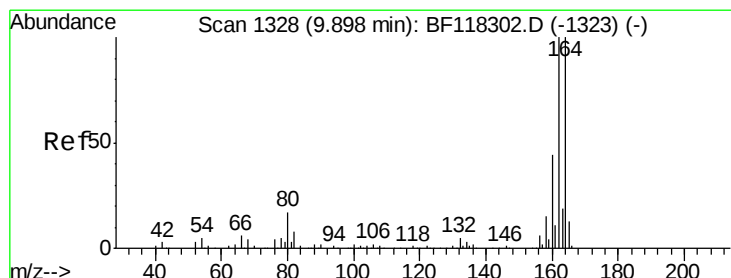
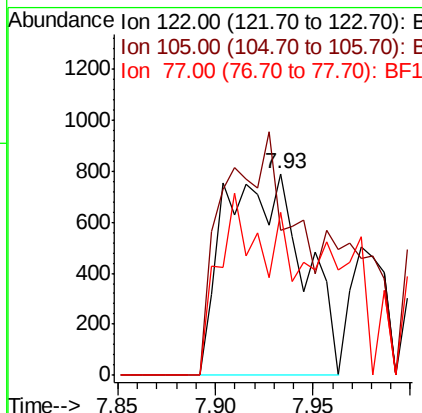
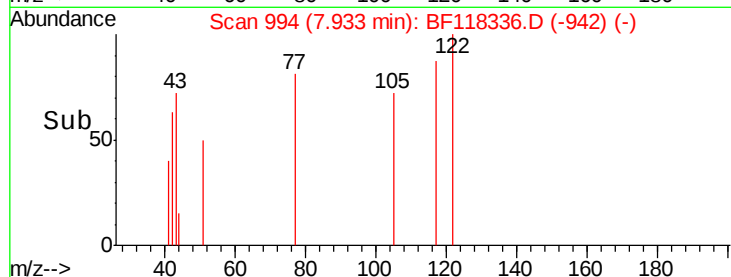
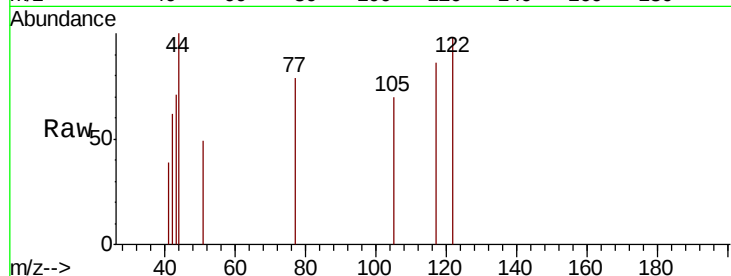
BNA_F

ClientSampleId :

SB-3-(4-5)

Tot Ion:122 Resp: 2211

Ion	Ratio	Lower	Upper
122	100		
105	71.6	106.8	146.8#
77	80.5	70.4	110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

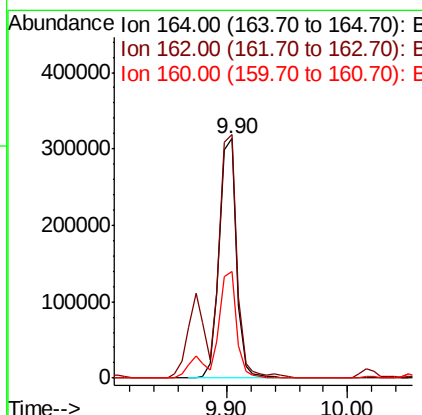
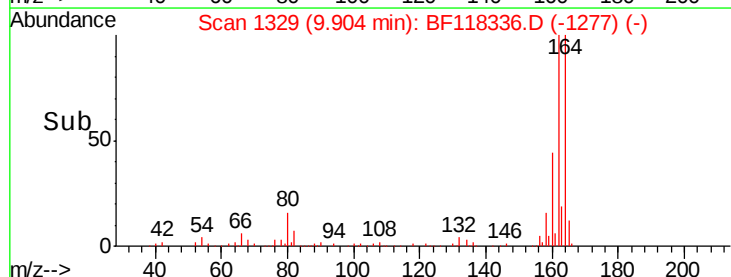
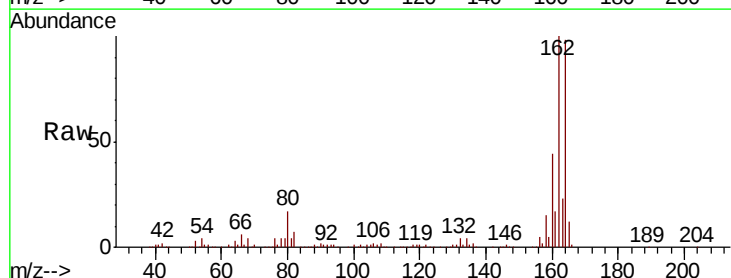
Delta R.T. 0.01 min

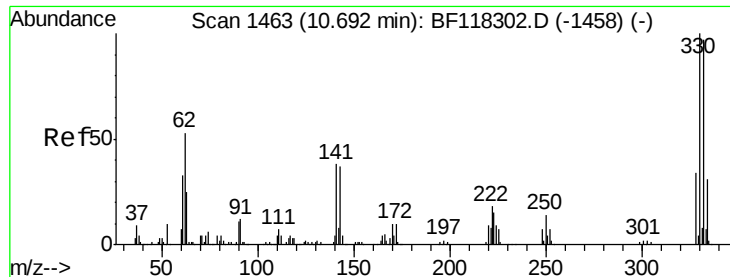
Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Tgt Ion:164 Resp: 307765

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.0	120.0
160	44.8	34.8	52.2

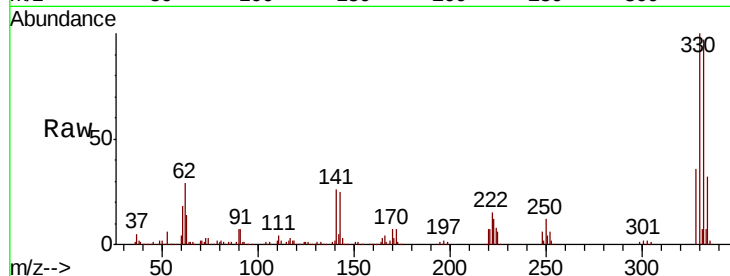




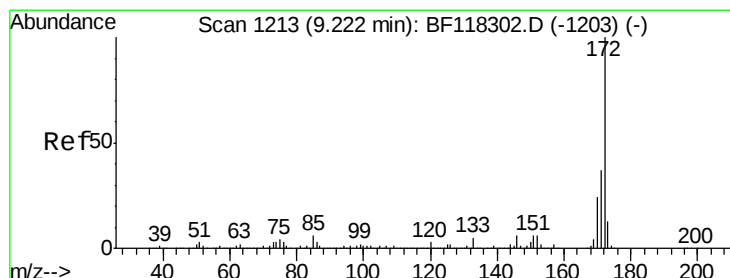
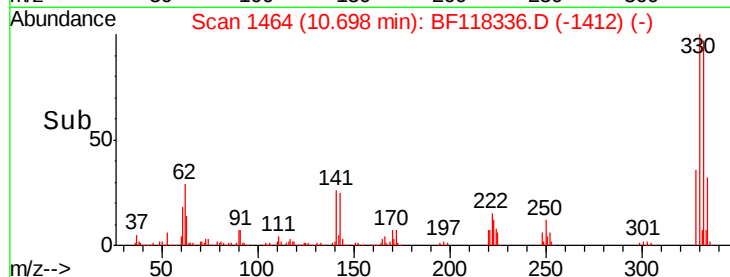
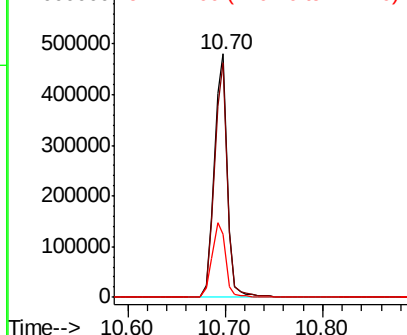
#42
 2,4,6-Tribromophenol
 Concen: 117.195 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118336.D
 Acq: 27 Dec 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(4-5)

Tot Ion:330 Resp: 445419
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 32.1 26.0 39.0

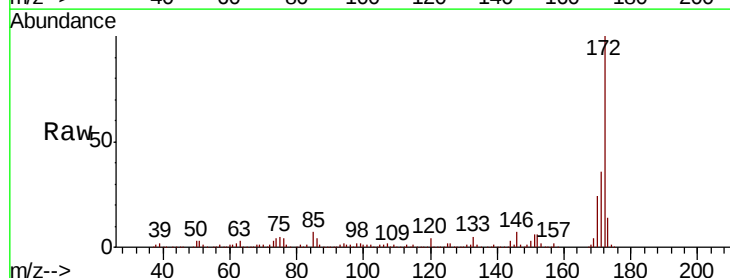


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

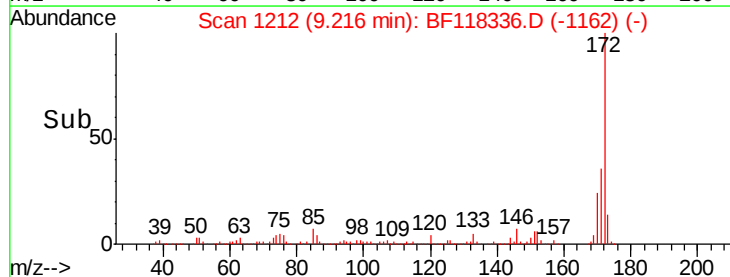
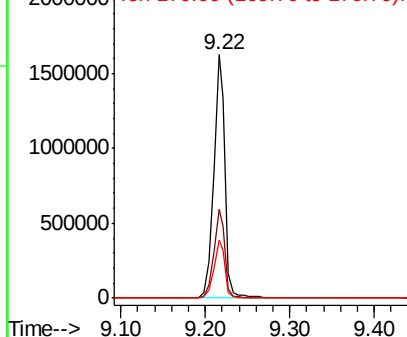


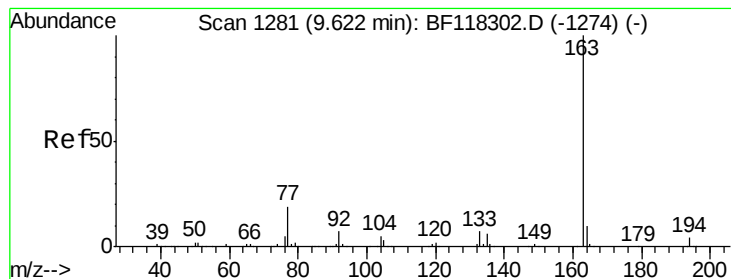
#45
 2-Fluorobiphenyl
 Concen: 77.279 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118336.D
 Acq: 27 Dec 2019 14:25

Tgt Ion:172 Resp: 1558087
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 23.9 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: 8.549 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

BNA_F

ClientSampleId :

SB-3-(4-5)

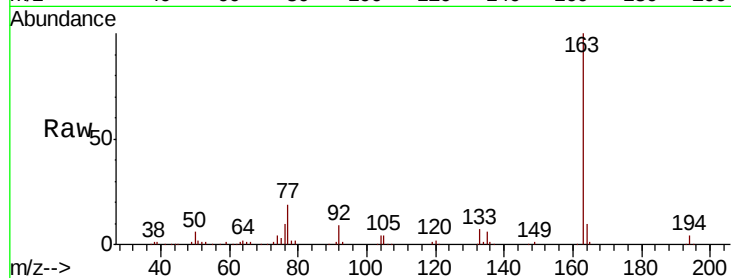
Tot Ion:163 Resp: 197499

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

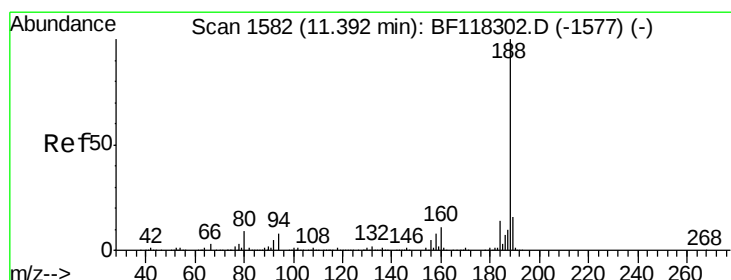
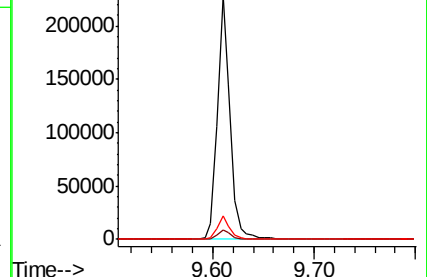
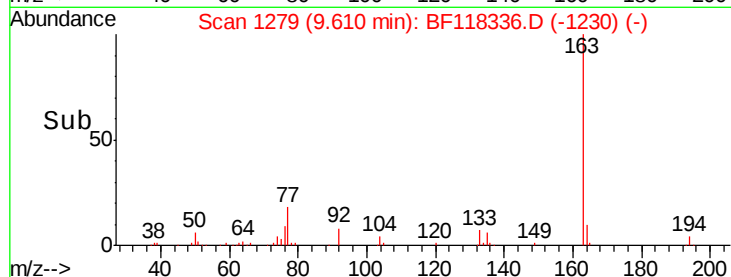
164 9.8 7.9 11.9



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: BF118336.D

Acq: 27 Dec 2019 14:25

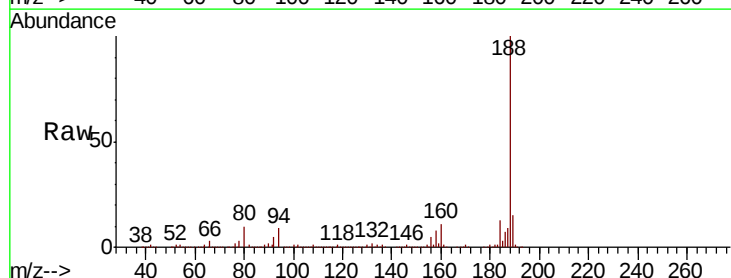
Tgt Ion:188 Resp: 577152

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

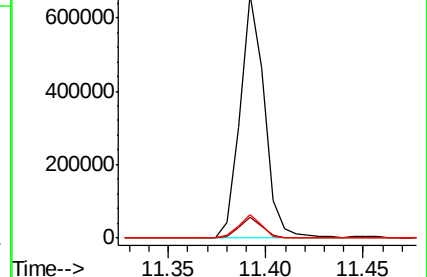
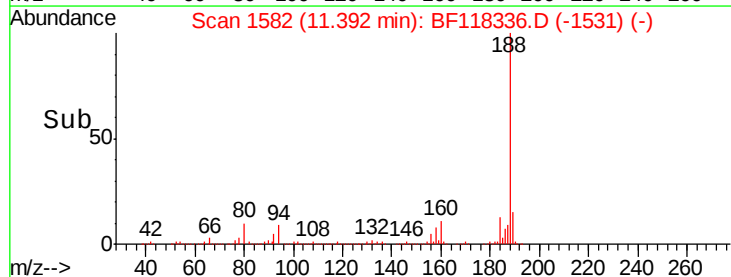
80 9.6 7.2 10.8

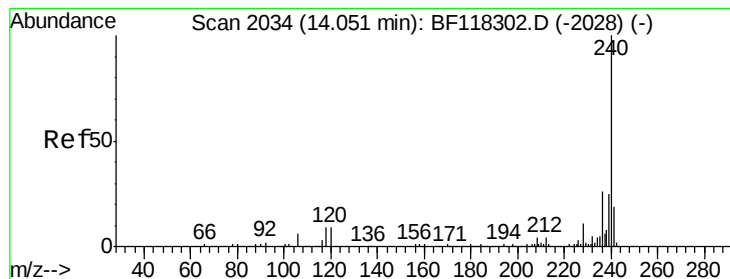


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

BNA_F

ClientSampleId :

SB-3-(4-5)

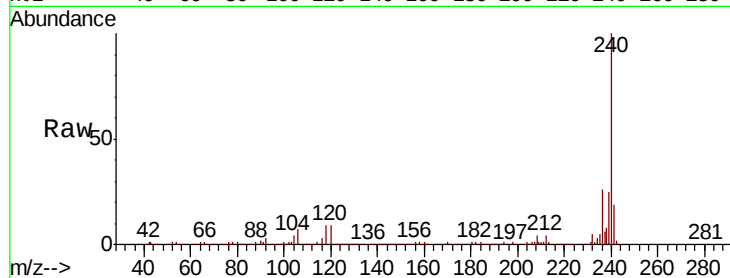
Tot Ion:240 Resp: 390625

Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

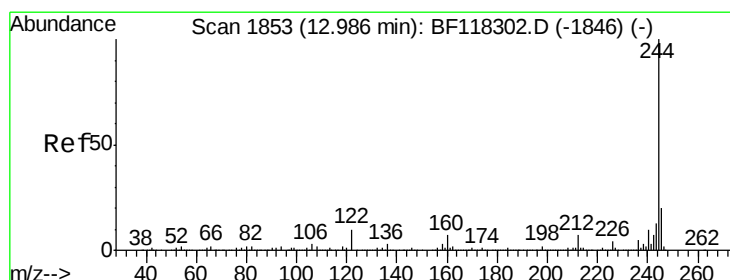
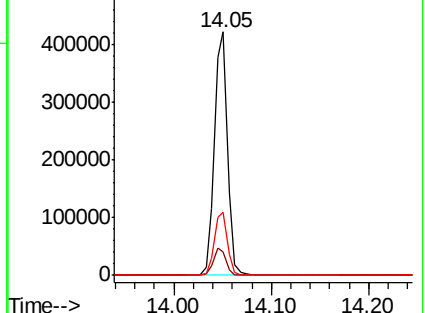
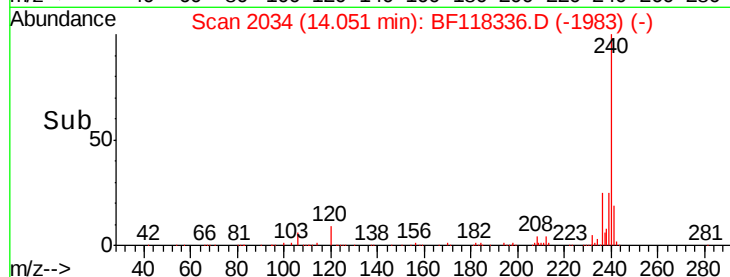
236 26.2 21.0 31.6



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: 77.676 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

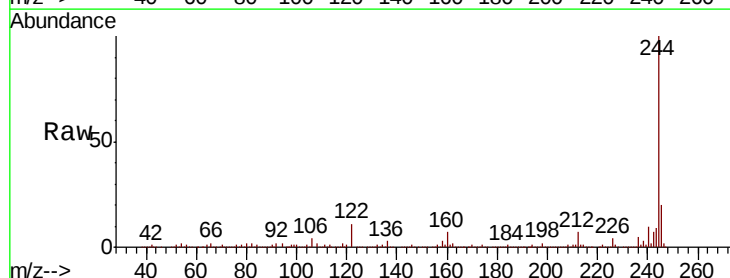
Tgt Ion:244 Resp: 1828905

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

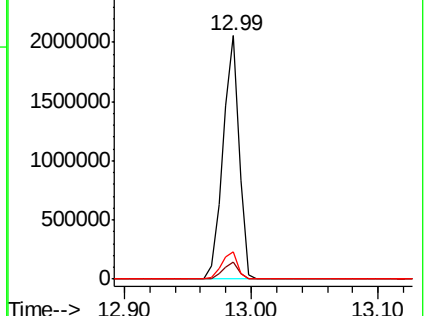
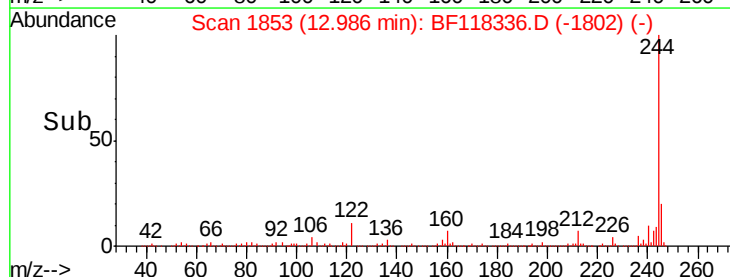
122 11.4 7.8 11.8

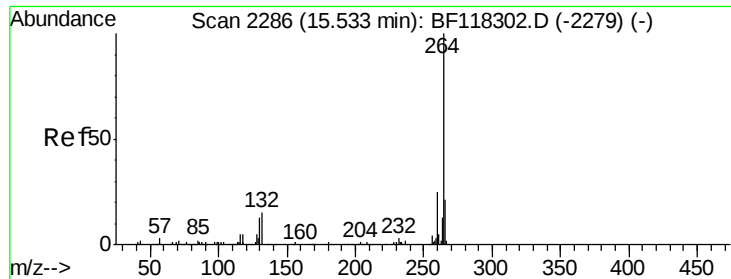


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

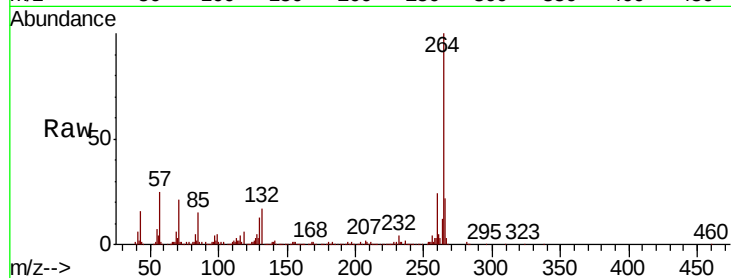




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Instrument :
BNA_F
ClientSampleId :
SB-3-(4-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.9	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

