

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112837.D
 Acq On : 4 Mar 2019 21:07
 Operator : JU/SJ
 Sample : K1688-17 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-I

Quant Time: Mar 05 02:54:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

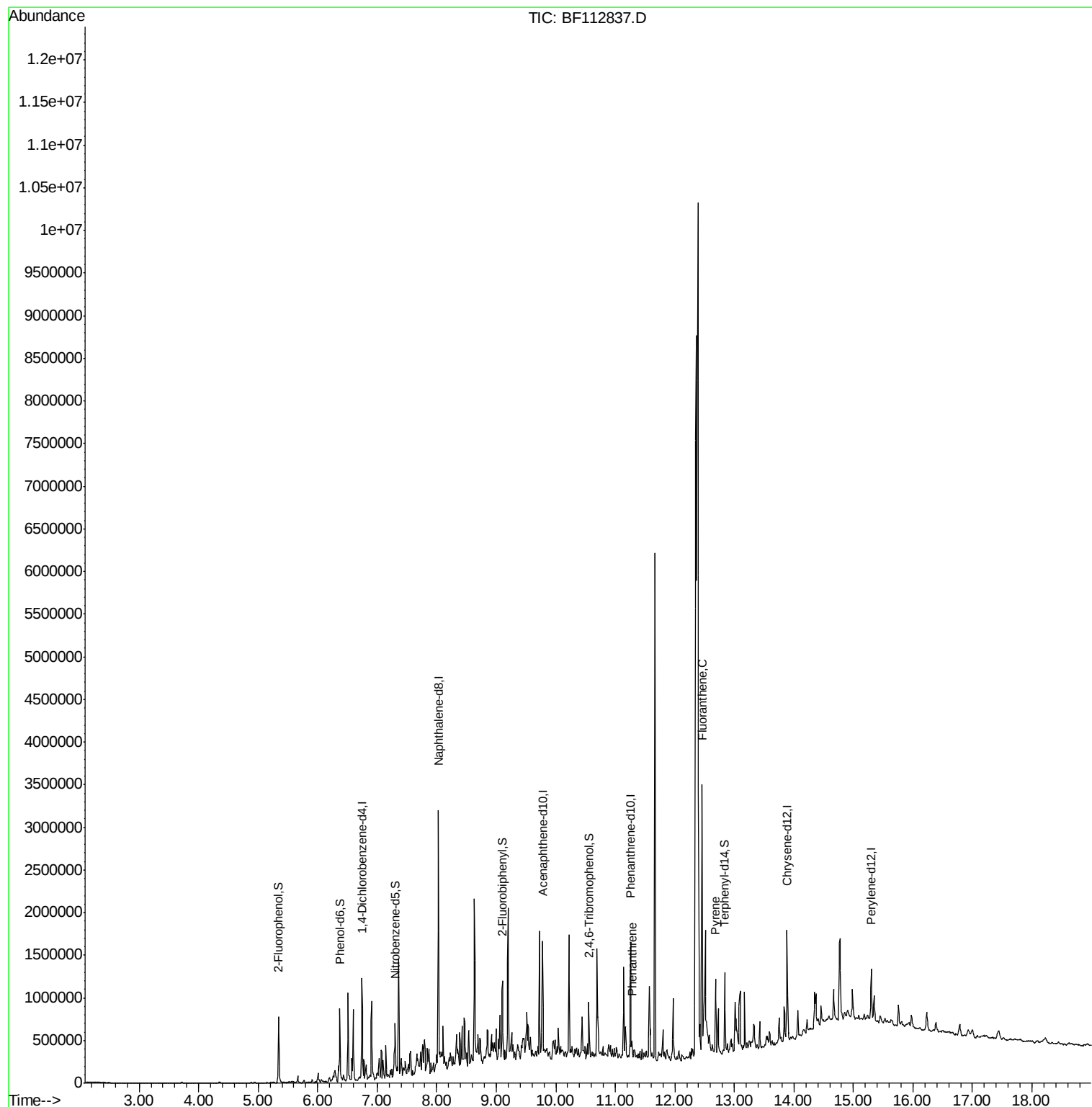
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163536	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	569075	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	262931	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	490035	20.00	ng	0.01
76) Chrysene-d12	13.89	240	417570	20.00	ng	0.01
87) Perylene-d12	15.30	264	289544	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	226279	21.52	ng	0.00
7) Phenol-d6	6.37	99	309846	23.46	ng	0.00
23) Nitrobenzene-d5	7.30	82	170693	17.95	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	73922	26.48	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	301676	14.53	ng	0.00
79) Terphenyl-d14	12.84	244	306089	14.21	ng	0.01
Target Compounds						
71) Phenanthrene	11.28	178	57948	2.377	ng	97
75) Fluoranthene	12.46	202	74986	2.871	ng	85
78) Pyrene	12.69	202	79439	2.257	ng	98

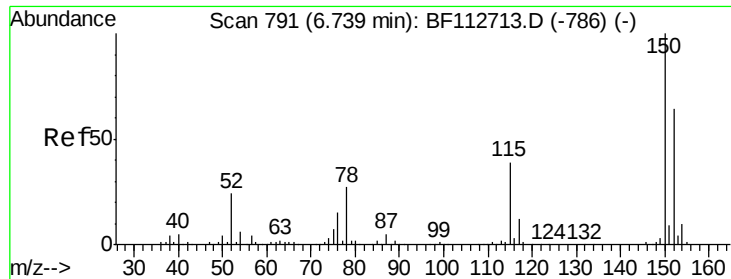
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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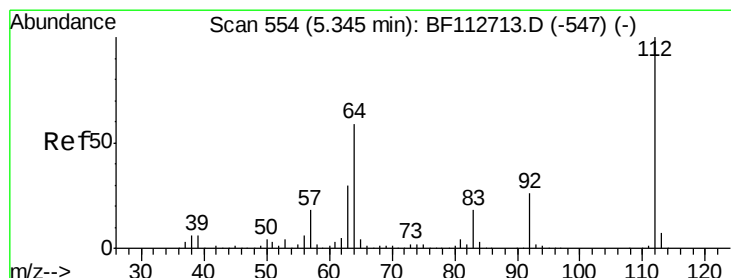
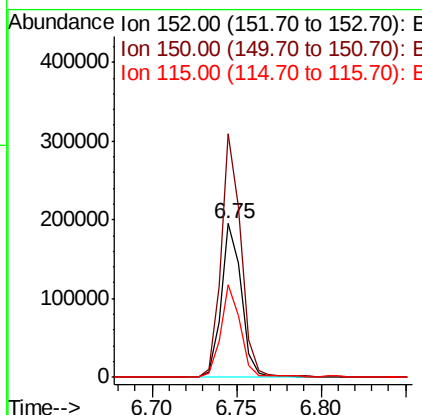
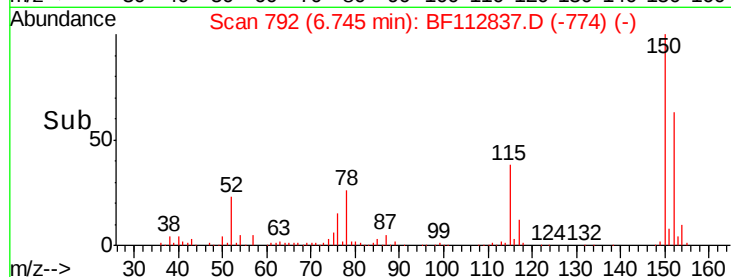
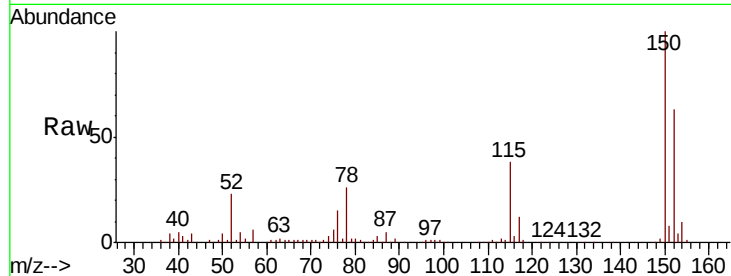


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-I

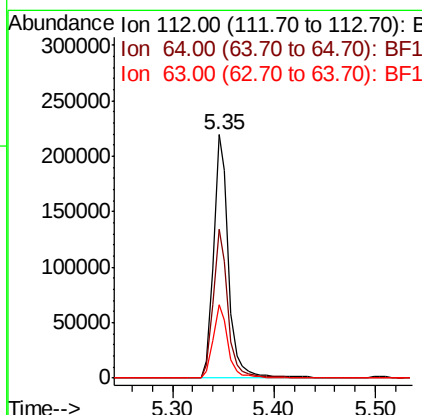
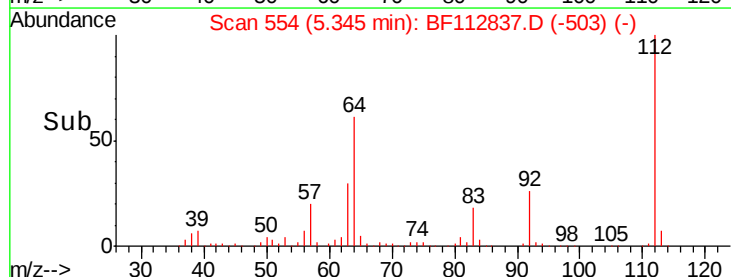
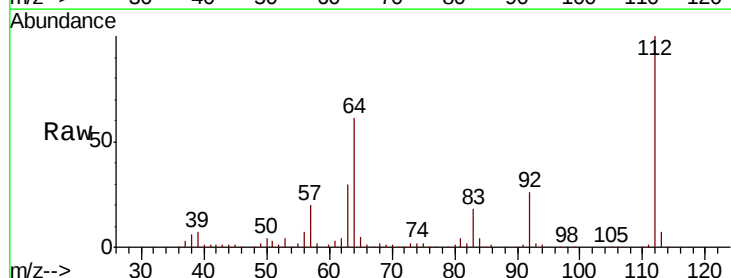
Tot Ion:152 Resp: 163536
Ion Ratio Lower Upper
152 100
150 158.2 124.2 186.2
115 60.4 48.2 72.4

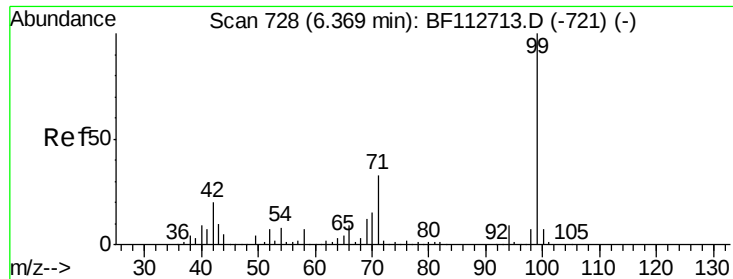


#5

2-Fluorophenol
Concen: 21.524 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

Tgt Ion:112 Resp: 226279
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 30.4 24.4 36.6





#7

Phenol-d6

Concen: 23.462 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112837.D

Acq: 4 Mar 2019 21:07

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-I

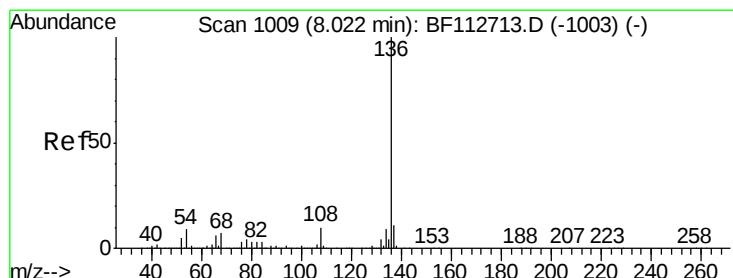
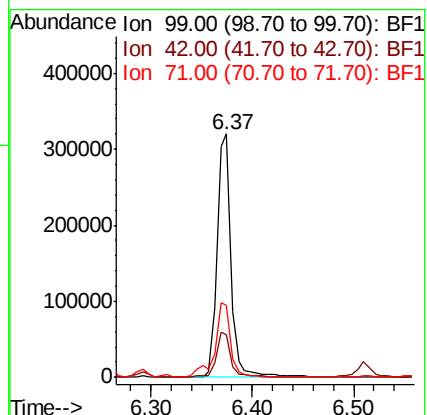
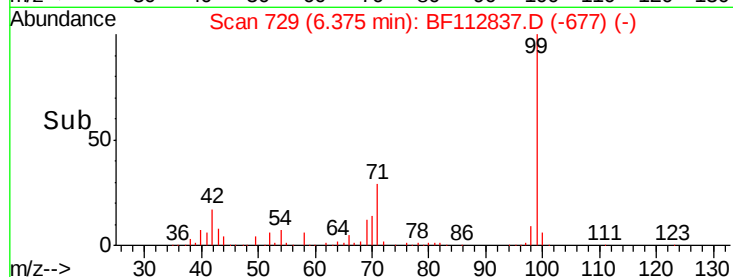
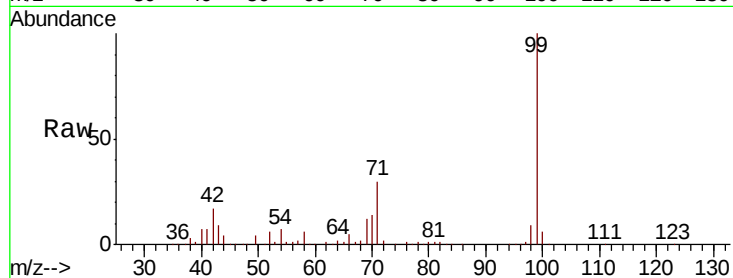
Tot Ion: 99 Resp: 309846

Ion Ratio Lower Upper

99 100

42 17.3 16.3 24.5

71 29.8 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112837.D

Acq: 4 Mar 2019 21:07

Tgt Ion: 136 Resp: 569075

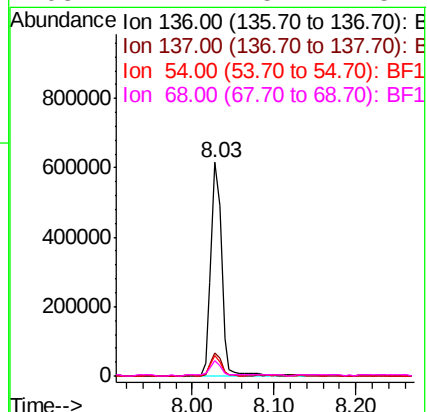
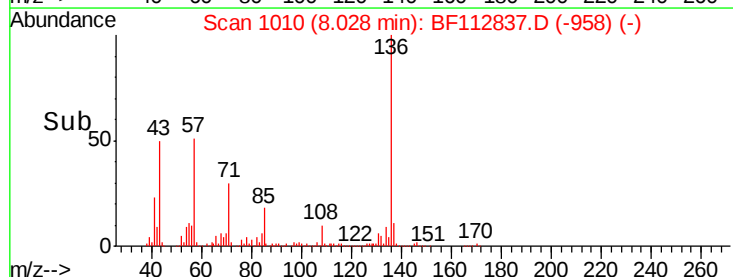
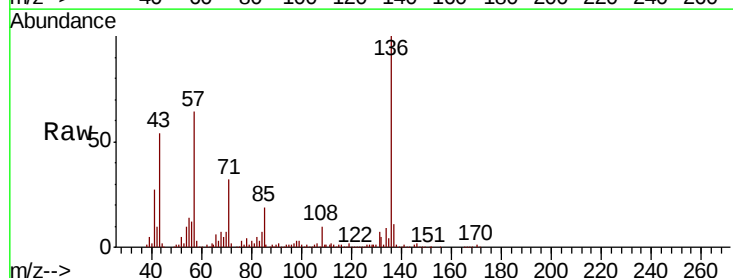
Ion Ratio Lower Upper

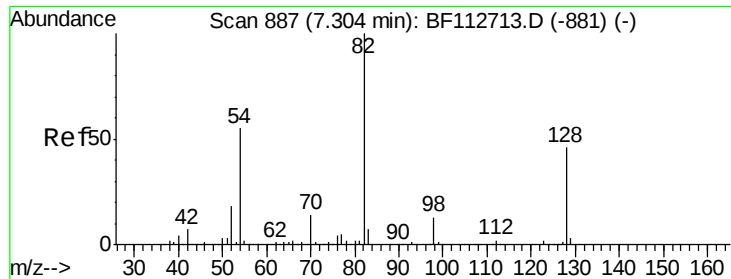
136 100

137 11.0 8.9 13.3

54 9.8 7.3 10.9

68 7.2 5.4 8.2

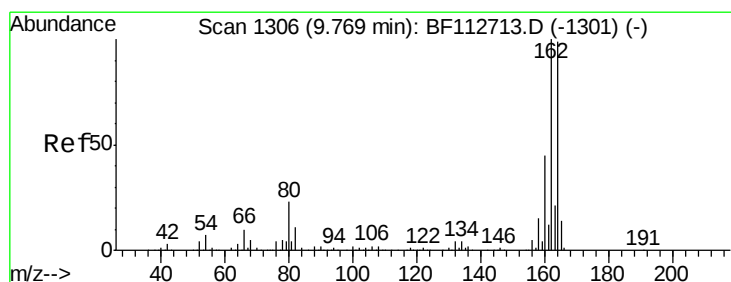
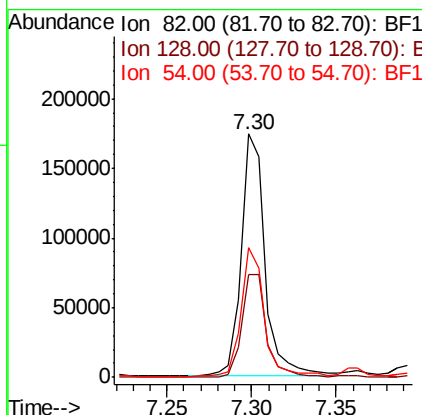
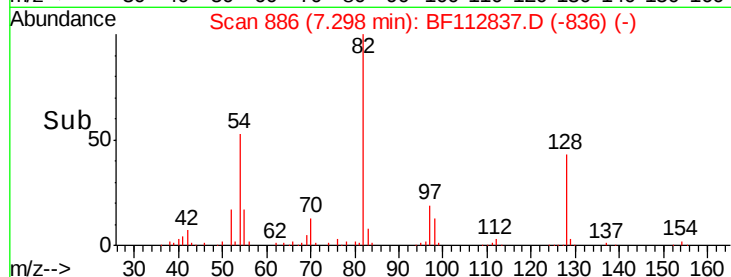
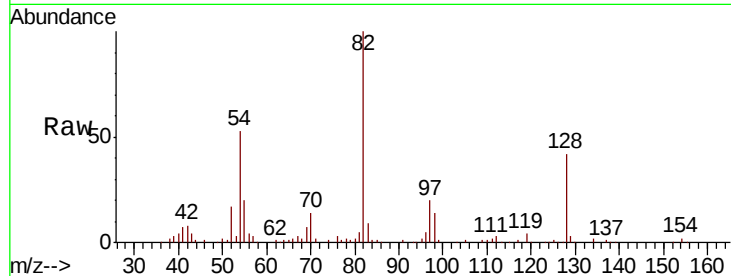




#23
Nitrobenzene-d5
Concen: 17.948 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

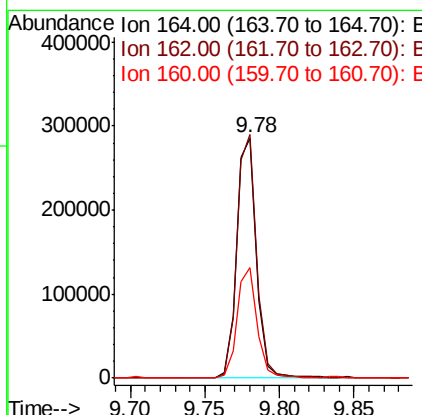
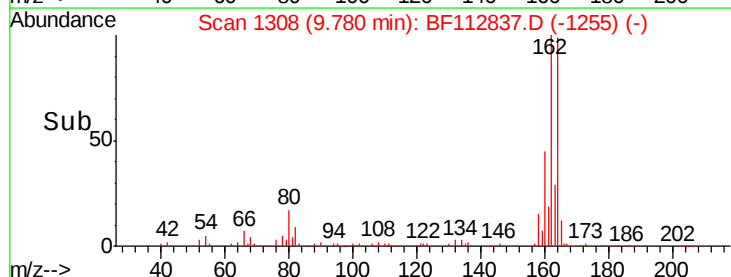
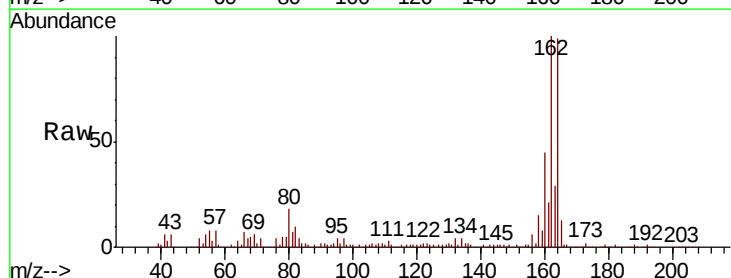
Instrument :
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ClientSampleId :
JC-03-030119-I

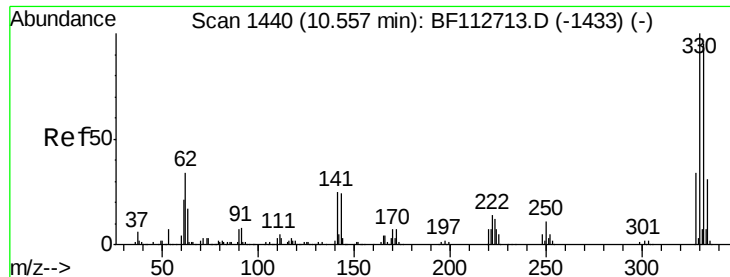
Tot Ion: 82 Resp: 170693
Ion Ratio Lower Upper
82 100
128 42.0 36.3 54.5
54 53.2 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

Tgt Ion: 164 Resp: 262931
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.9 36.0 54.0

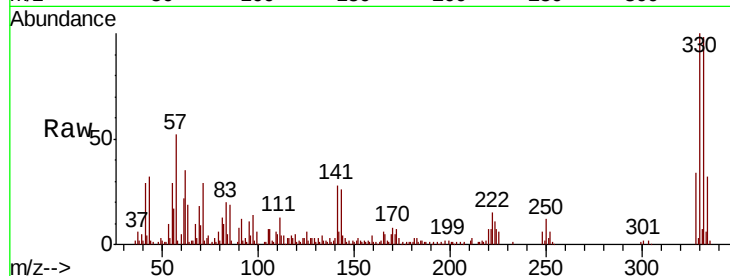




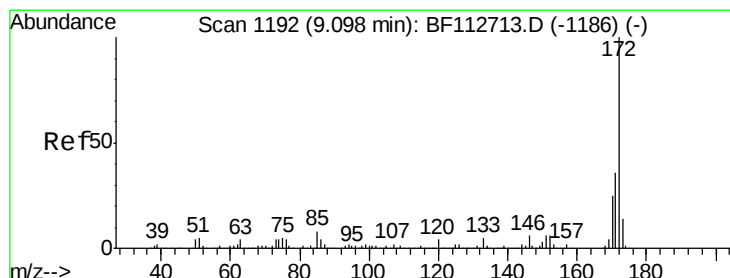
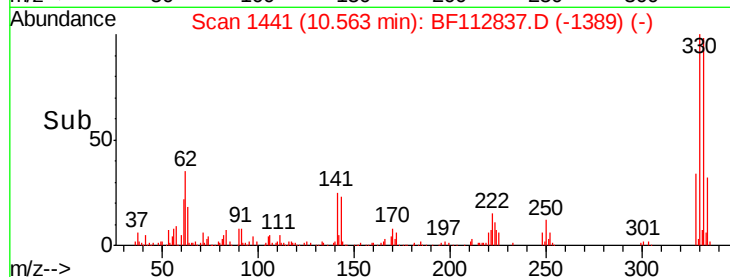
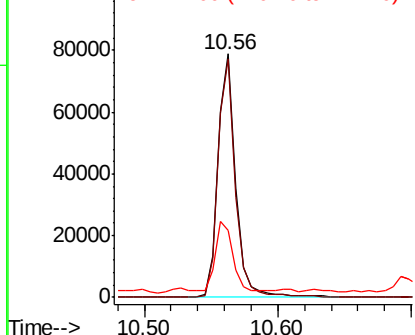
#42
 2,4,6-Tribromophenol
 Concen: 26.483 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112837.D
 Acq: 4 Mar 2019 21:07

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-I

Tot Ion:330 Resp: 73922
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 27.5 27.0 40.6

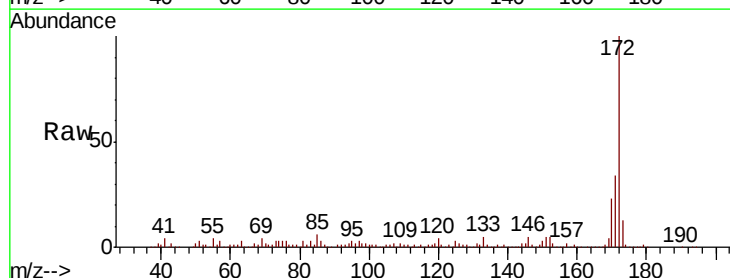


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

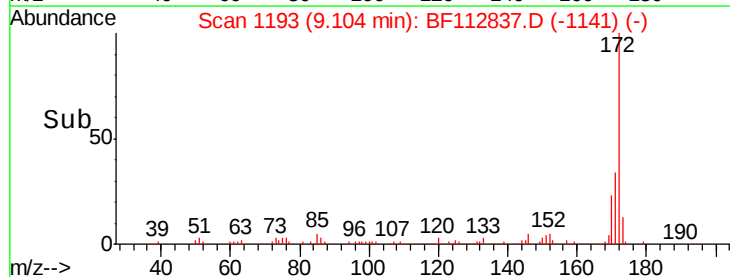
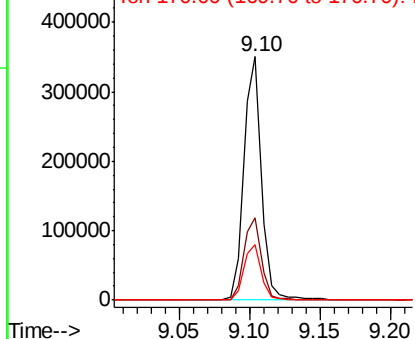


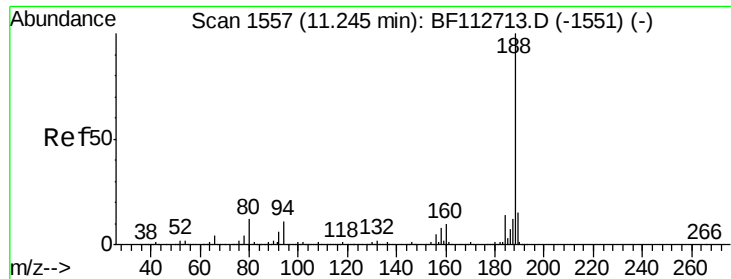
#45
 2-Fluorobiphenyl
 Concen: 14.529 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112837.D
 Acq: 4 Mar 2019 21:07

Tgt Ion:172 Resp: 301676
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.0 43.4
 170 23.0 20.0 30.0



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

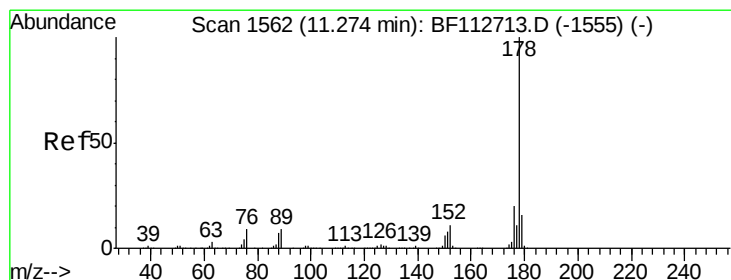
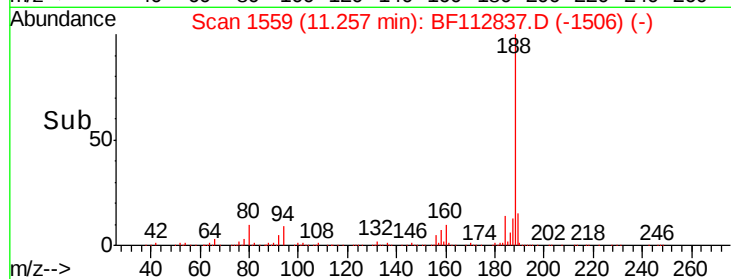
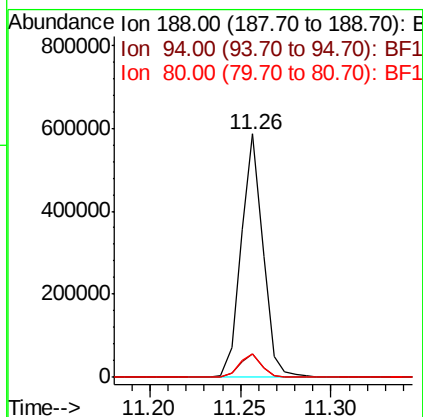
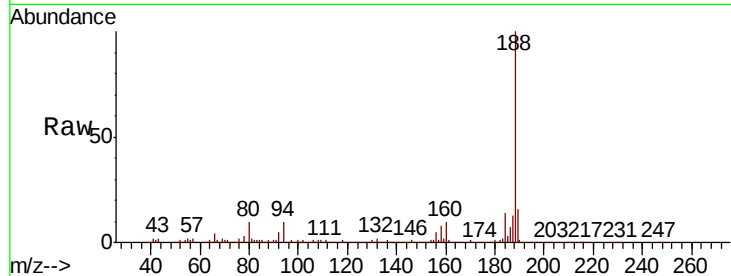




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

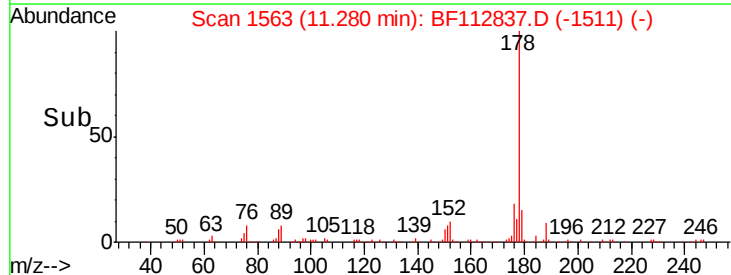
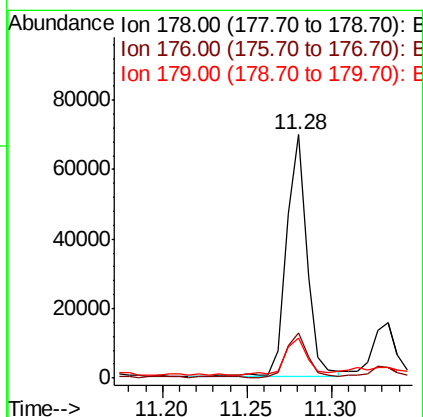
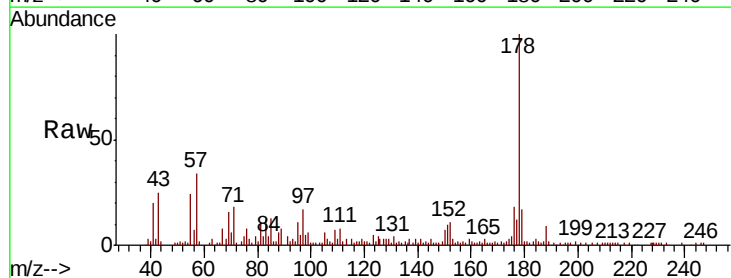
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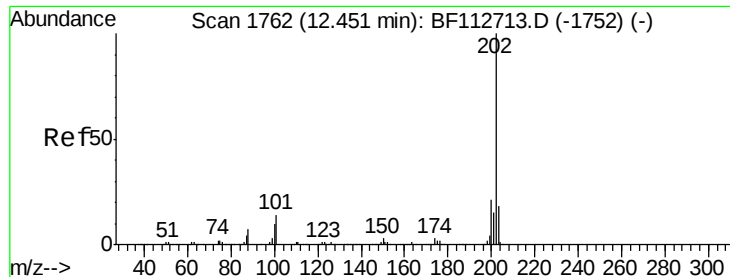
Tot Ion:188 Resp: 490035
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.8 9.2 13.8



#71
Phenanthrene
Concen: 2.377 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

Tgt Ion:178 Resp: 57948
Ion Ratio Lower Upper
178 100
176 18.4 16.3 24.5
179 16.7 12.7 19.1





#75

Fluoranthene

Concen: 2.871 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112837.D

Acq: 4 Mar 2019 21:07

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-I

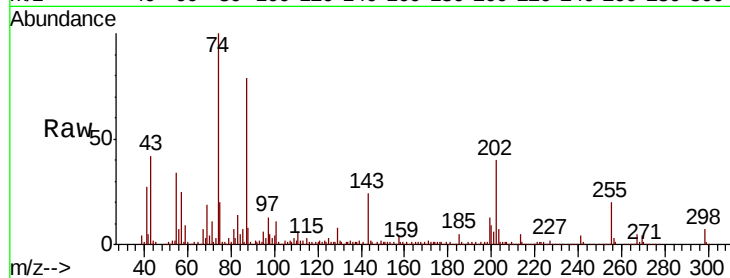
Tot Ion:202 Resp: 74986

Ion Ratio Lower Upper

202 100

101 27.6 0.0 33.8

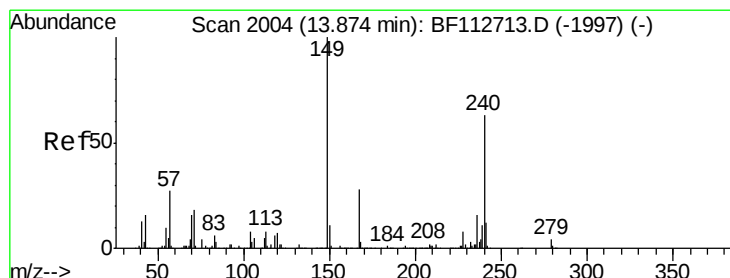
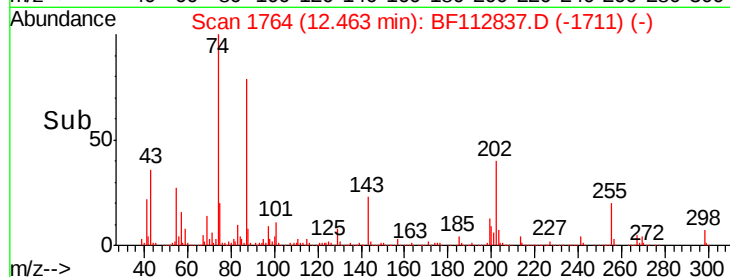
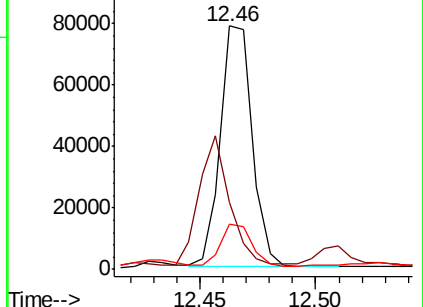
203 18.4 0.0 38.4



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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF112837.D

Acq: 4 Mar 2019 21:07

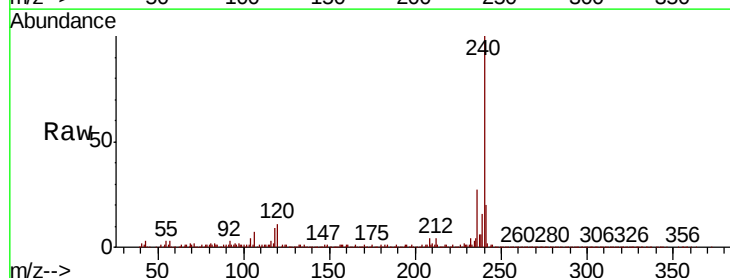
Tgt Ion:240 Resp: 417570

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

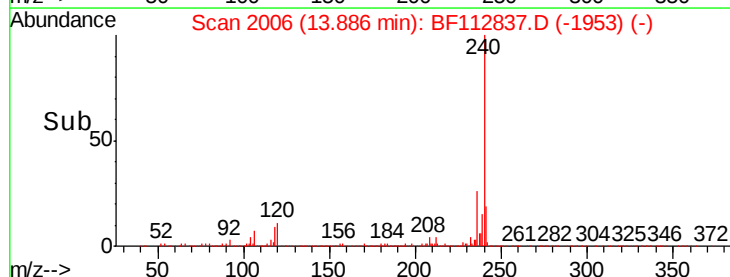
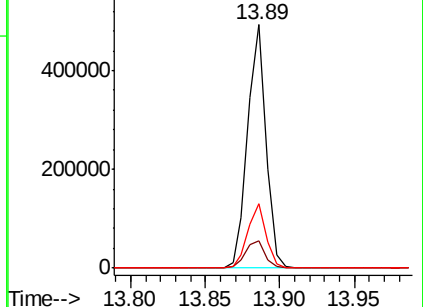
236 26.5 20.7 31.1

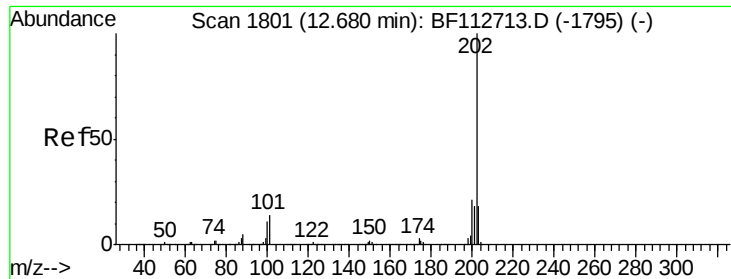


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

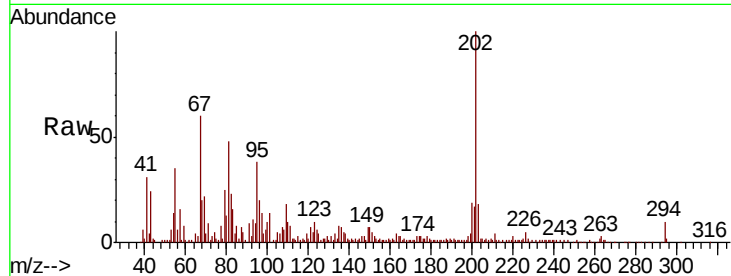




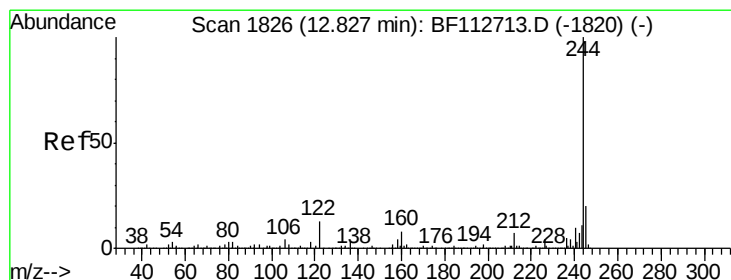
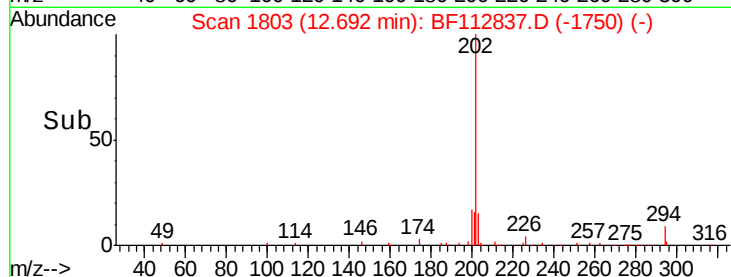
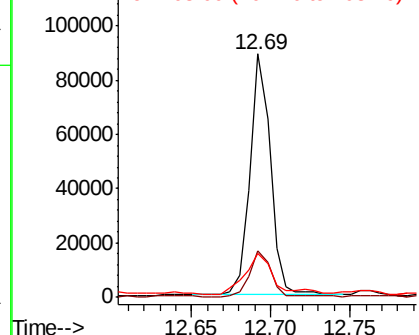
#78
Pvrene
Concen: 2.257 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-I

Tot Ion:202 Resp: 79439
Ion Ratio Lower Upper
202 100
200 19.2 17.0 25.4
203 18.0 14.4 21.6

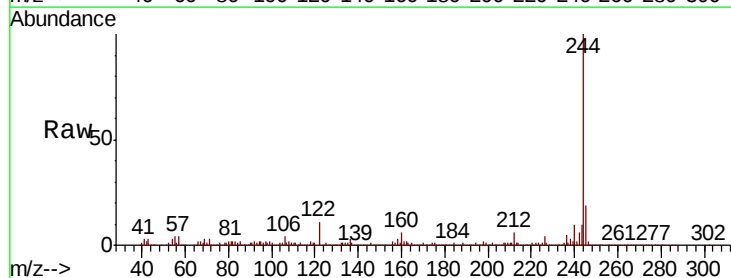


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

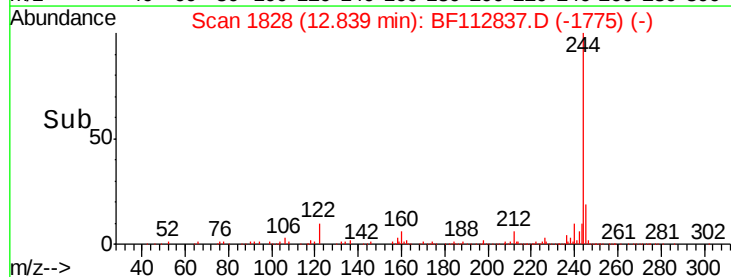
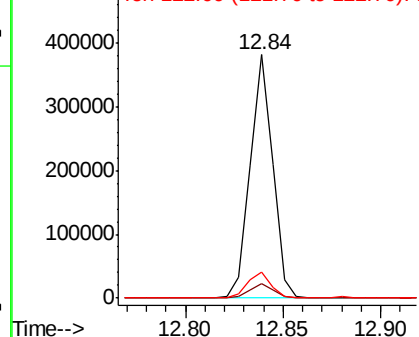


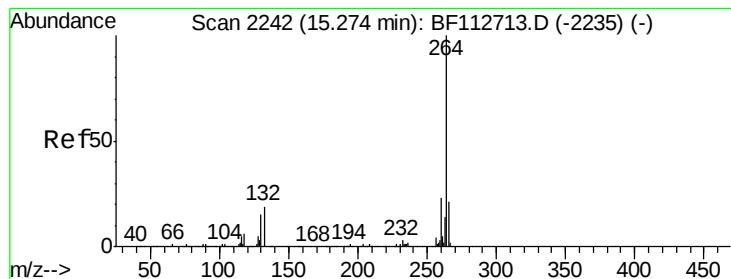
#79
Terphenyl-d14
Concen: 14.210 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112837.D
Acq: 4 Mar 2019 21:07

Tgt Ion:244 Resp: 306089
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 10.7 10.5 15.7



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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112837.D

Acq: 4 Mar 2019 21:07

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-I

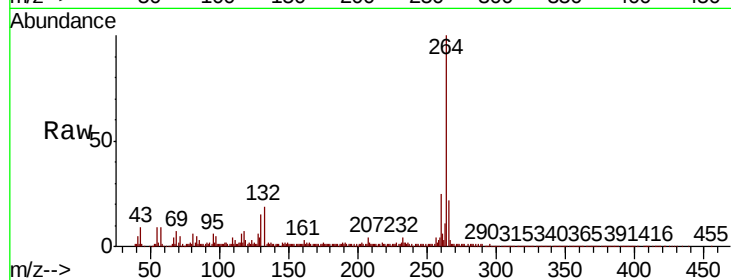
Tot Ion: 264 Resp: 289544

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.9 17.2 25.8



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

