

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112542.D
 Acq On : 13 Feb 2019 16:46
 Operator : JU/SJ
 Sample : K1343-27 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

Quant Time: Feb 14 07:43:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

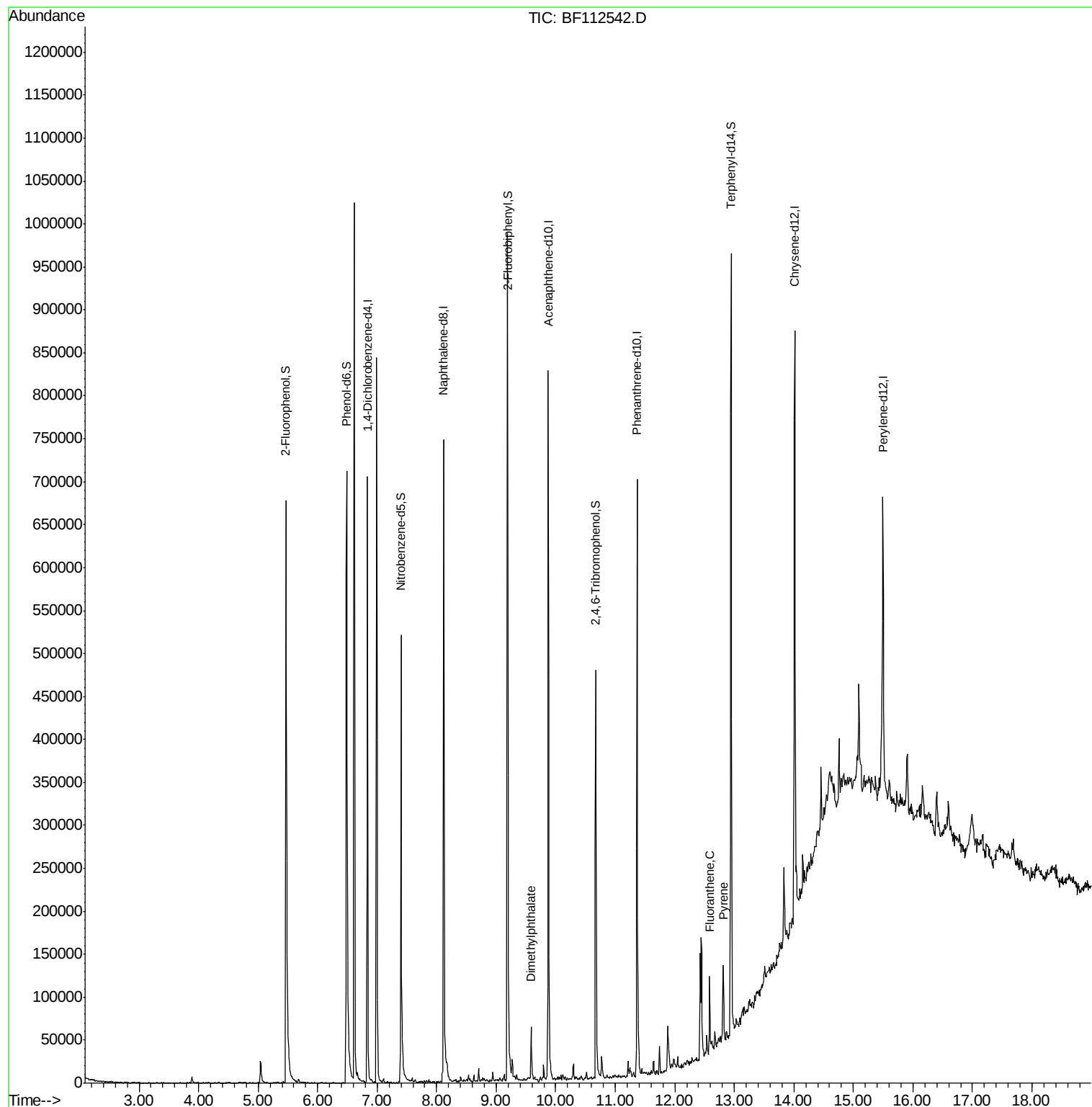
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105366	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	397331	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	169330	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	272472	20.00	ng	0.00
76) Chrysene-d12	14.02	240	236424	20.00	ng	0.00
87) Perylene-d12	15.50	264	176662	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	253486	51.10	ng	-0.01
7) Phenol-d6	6.49	99	321871	46.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	191751	27.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	69594	35.31	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	361706	30.21	ng	-0.01
79) Terphenyl-d14	12.95	244	299580	23.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	28038	2.131	ng	98
75) Fluoranthene	12.59	202	35668	2.348	ng	97
78) Pyrene	12.82	202	34318	2.097	ng	99

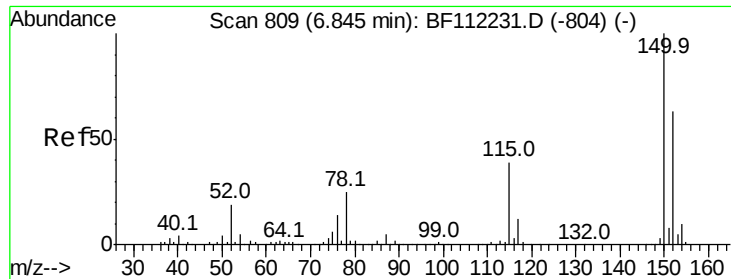
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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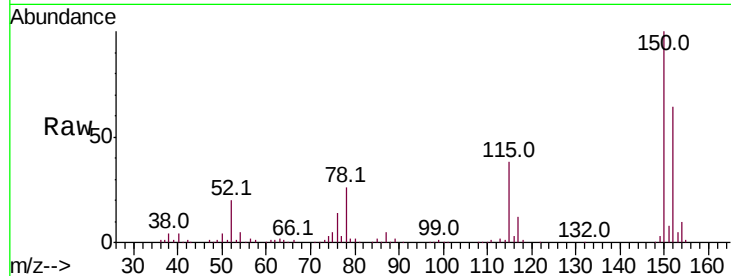


#1

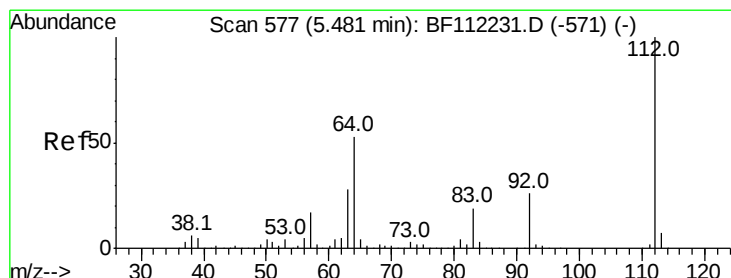
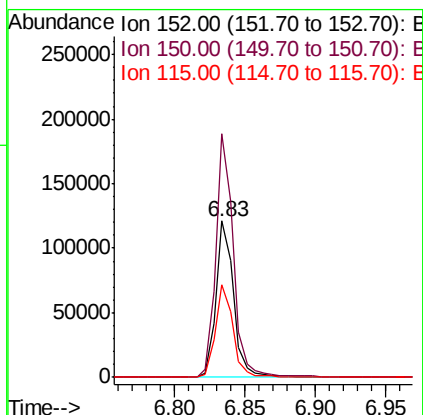
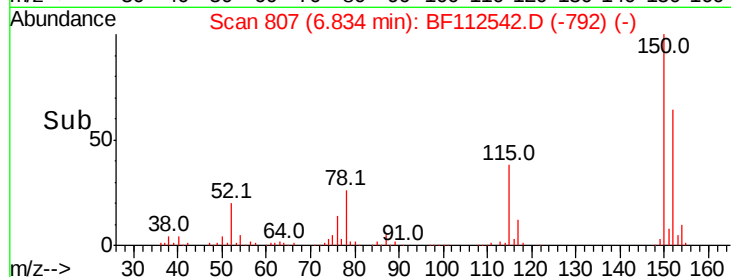
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tot Ion:152 Resp: 105366
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 59.4 45.5 68.3



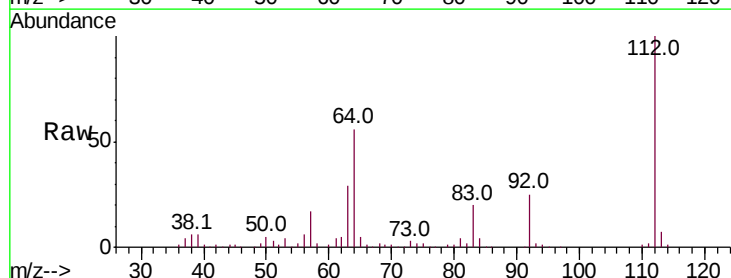
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



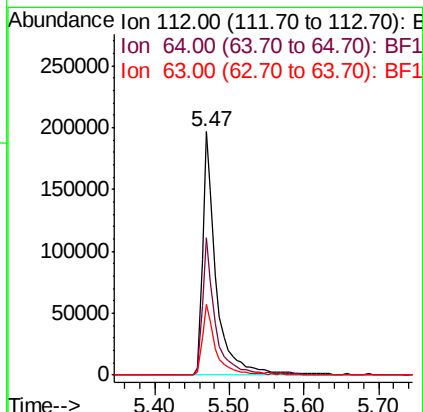
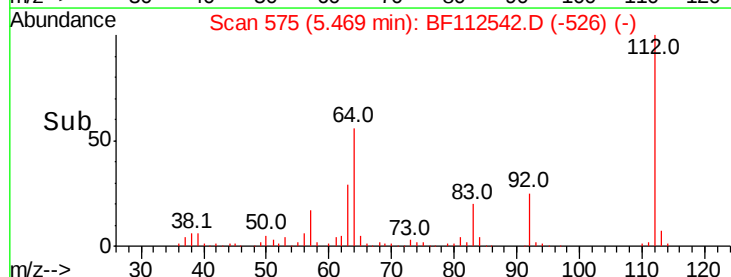
#5

2-Fluorophenol
Concen: 51.100 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:112 Resp: 253486
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 29.1 23.6 35.4



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: 46.695 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

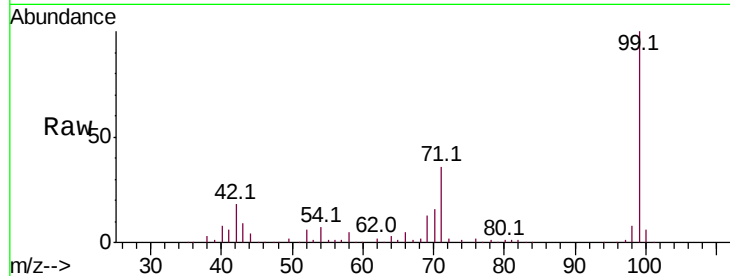
Tot Ion: 99 Resp: 321871

Ion Ratio Lower Upper

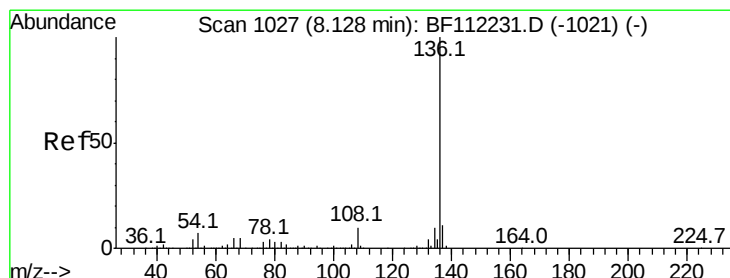
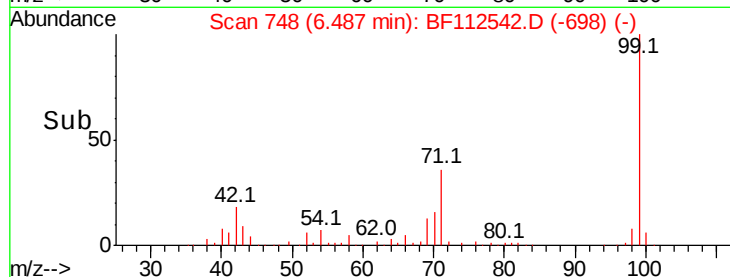
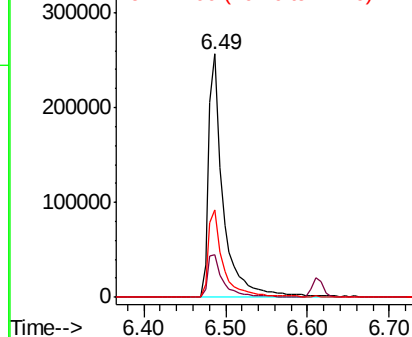
99 100

42 17.6 15.1 22.7

71 35.7 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Tgt Ion: 136 Resp: 397331

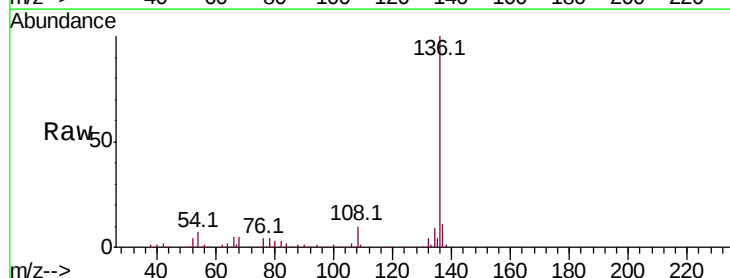
Ion Ratio Lower Upper

136 100

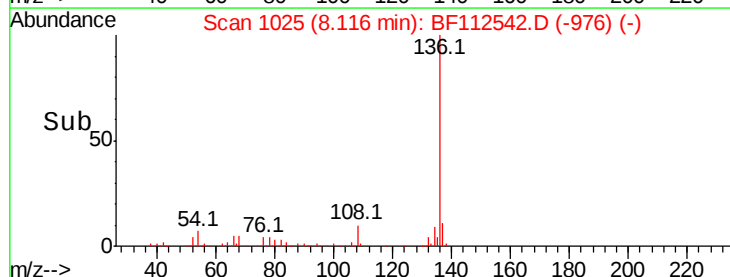
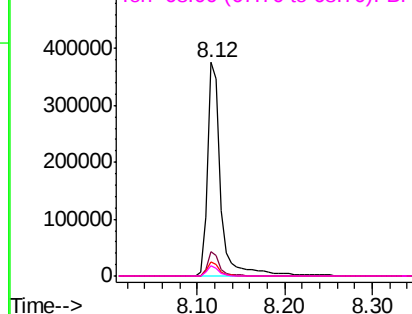
137 11.2 9.1 13.7

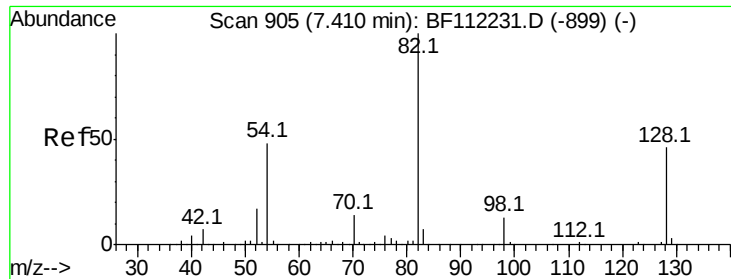
54 6.6 5.9 8.9

68 5.0 5.1 7.7#



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

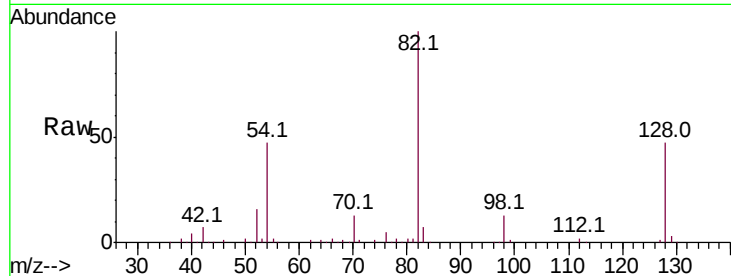




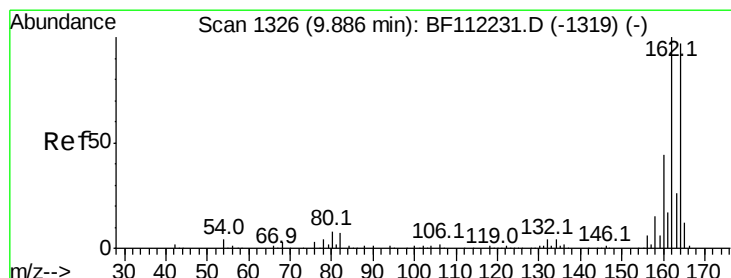
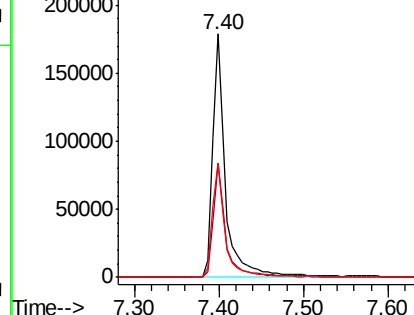
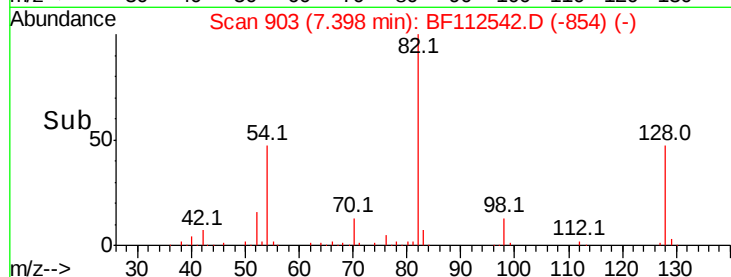
#23
 Nitrobenzene-d5
 Concen: 27.807 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

Tot Ion	82	Resp	191751
Ion Ratio	100		
Lower	37.8		
Upper	56.8		
54	46.9	39.7	59.5

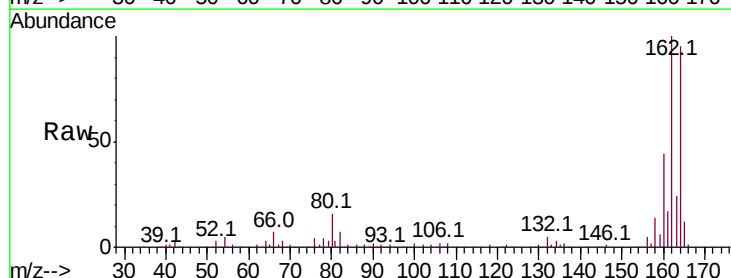


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

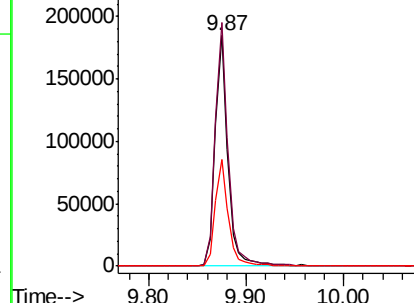
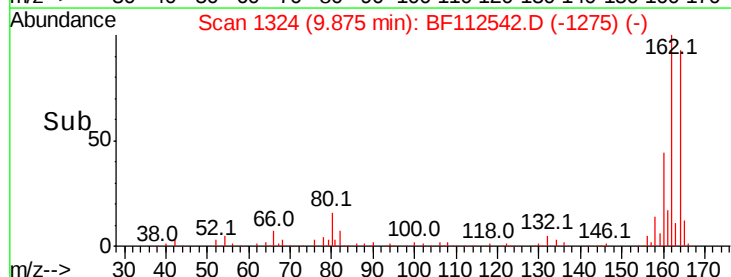


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Tgt Ion	164	Resp	169330
Ion Ratio	100		
Lower	82.2		
Upper	123.4		
162	105.7	36.2	54.4



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: 35.310 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

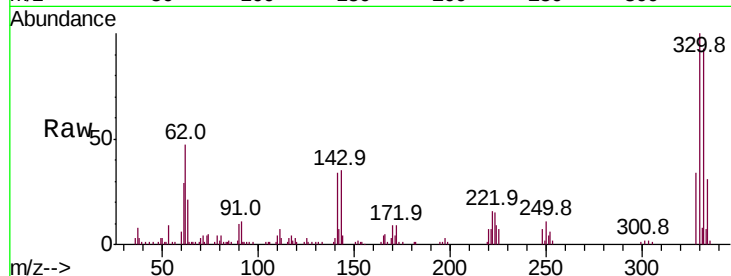
Tot Ion:330 Resp: 69594

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

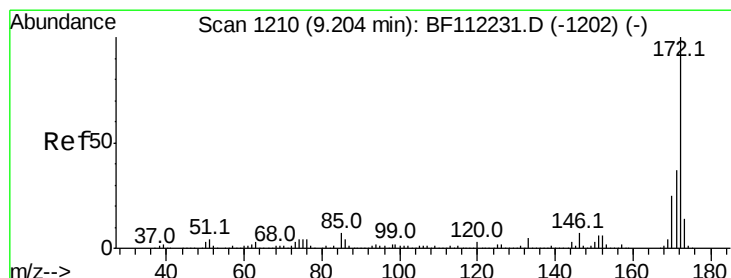
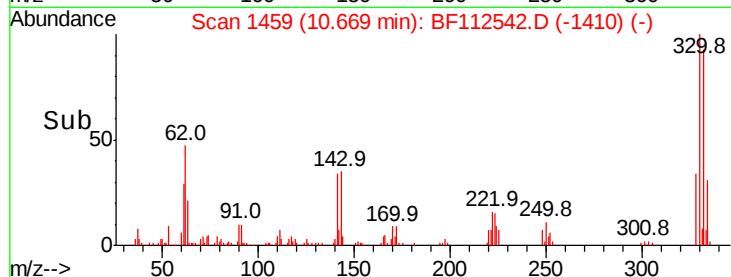
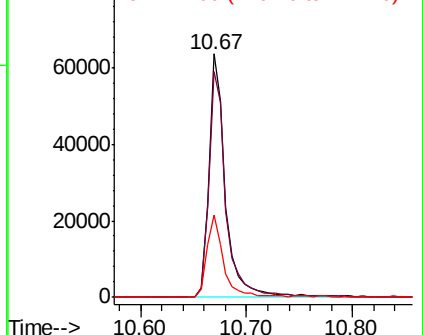
141 33.6 24.3 36.5



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: 30.212 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

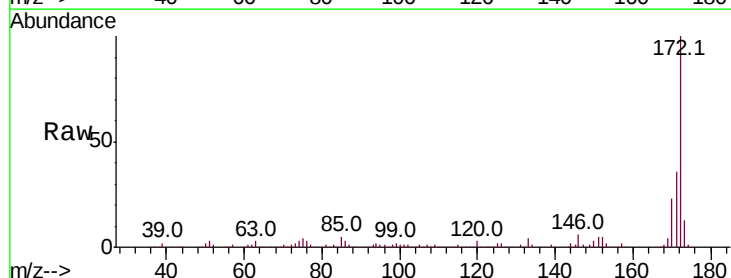
Tgt Ion:172 Resp: 361706

Ion Ratio Lower Upper

172 100

171 35.7 30.5 45.7

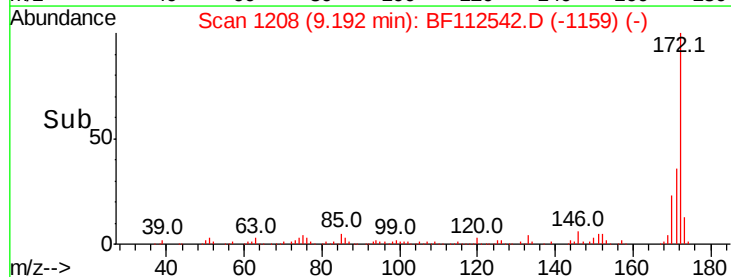
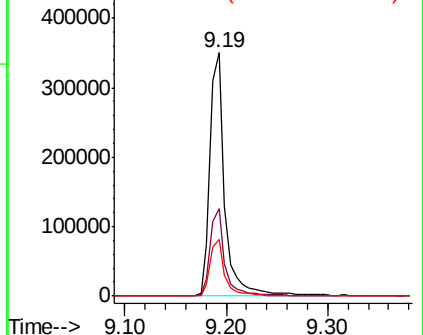
170 23.3 20.2 30.4

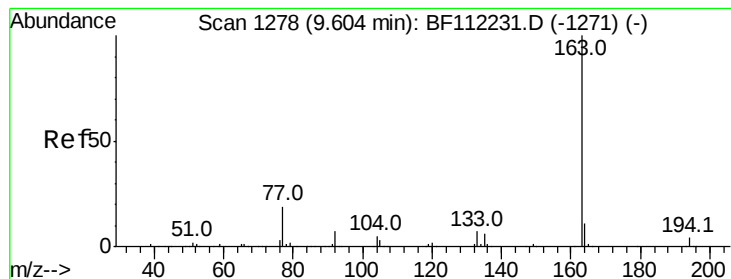


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.131 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

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JC-02-021119-N

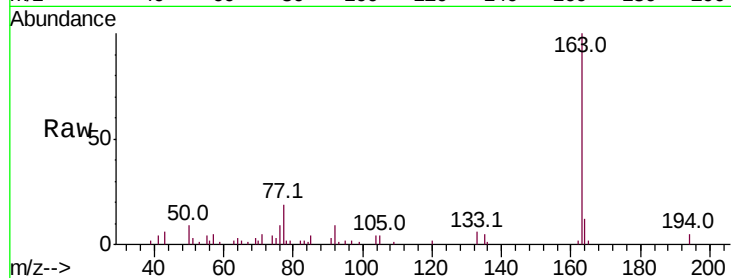
Tot Ion:163 Resp: 28038

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

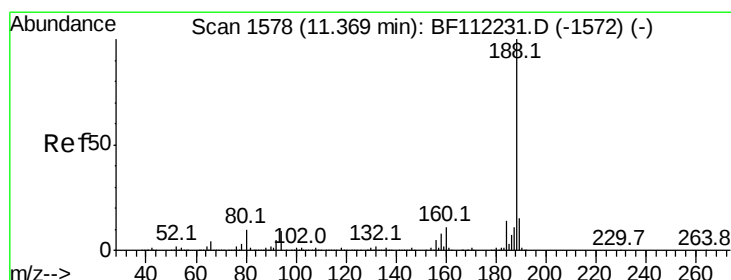
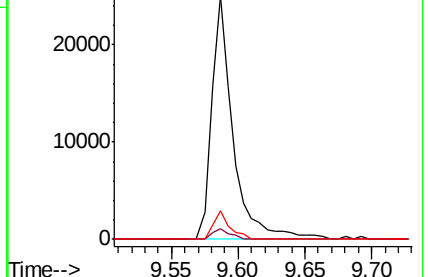
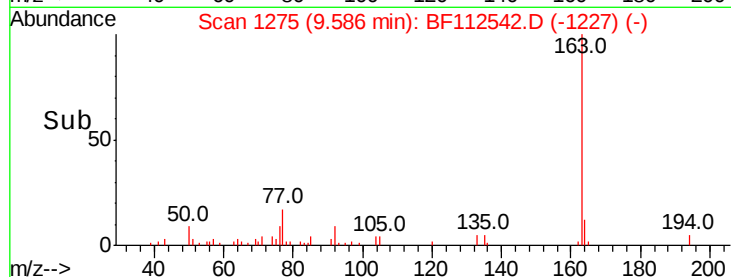
164 11.5 8.5 12.7



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

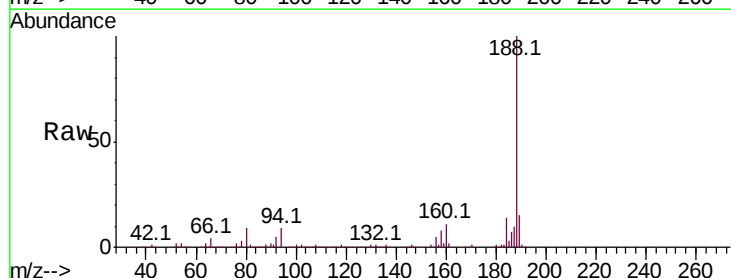
Tgt Ion:188 Resp: 272472

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

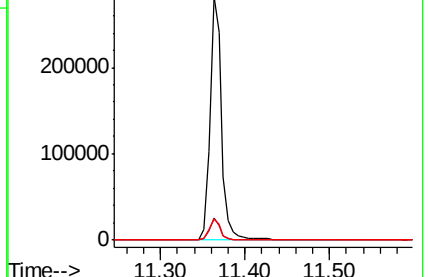
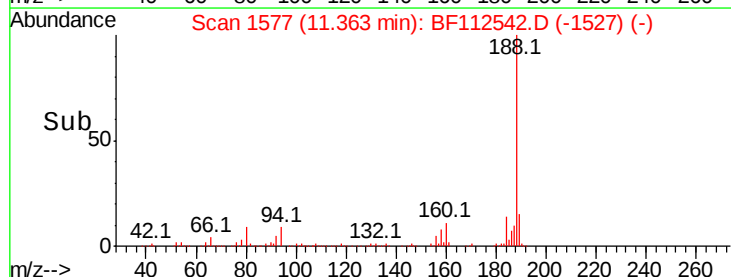
80 8.7 8.9 13.3#

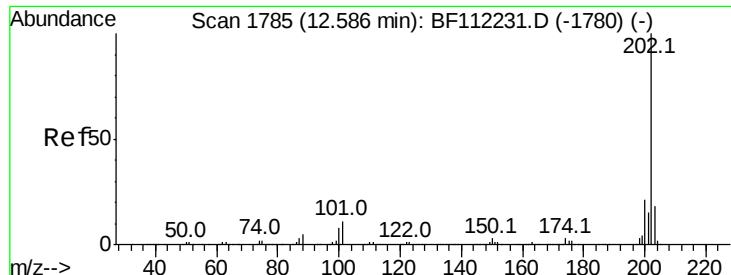


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.348 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112542.D

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JC-02-021119-N

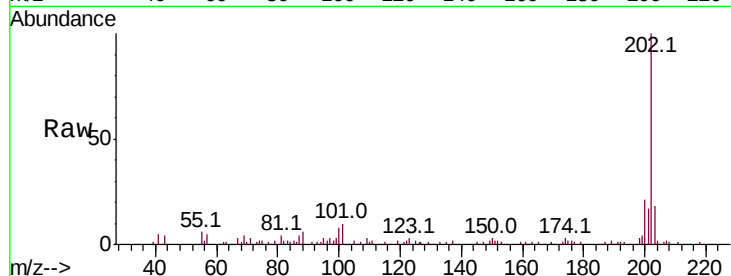
Tot Ion:202 Resp: 35668

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.8

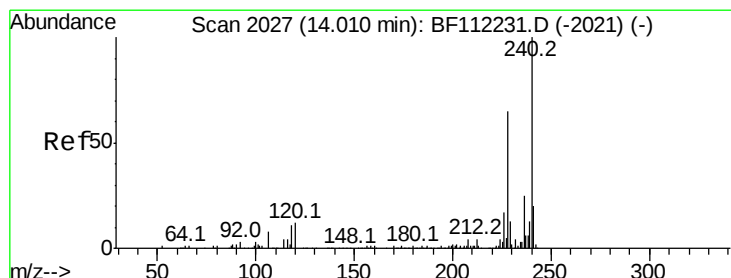
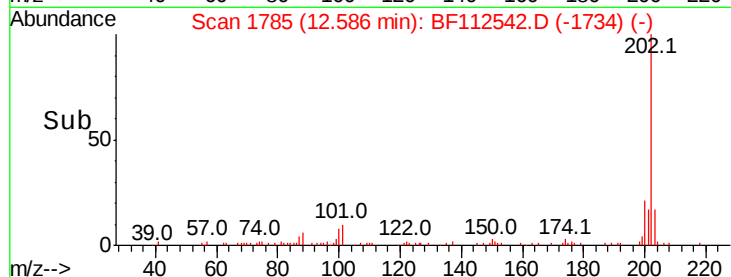
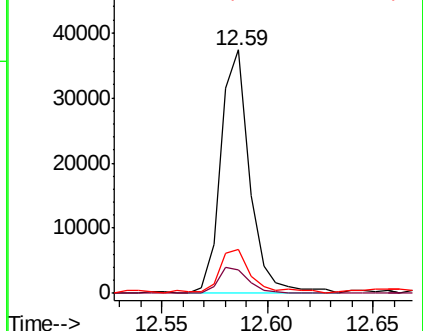
203 17.9 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

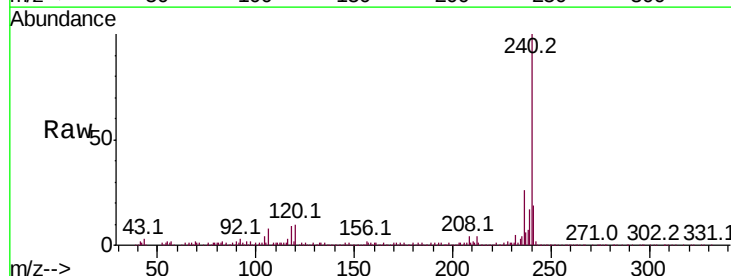
Tgt Ion:240 Resp: 236424

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

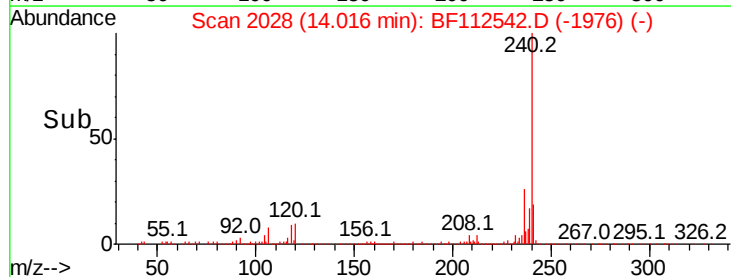
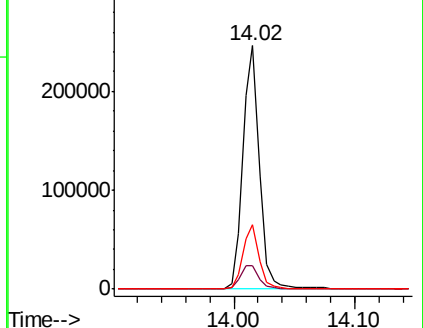
236 26.4 20.7 31.1

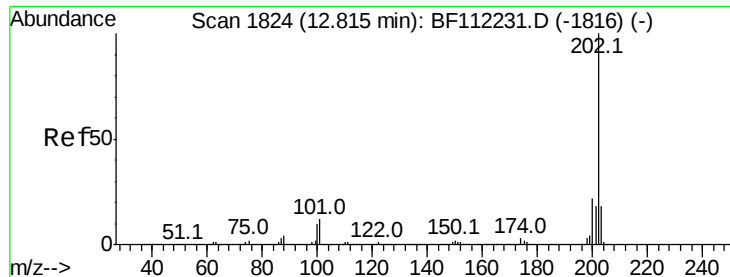


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

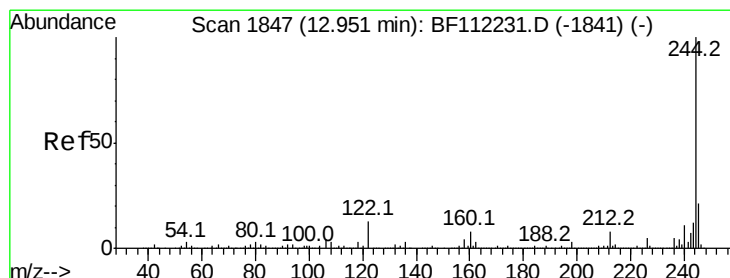
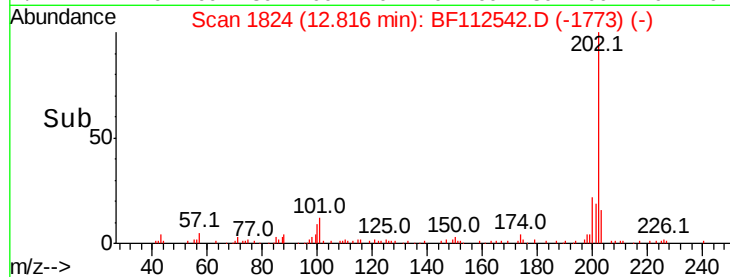
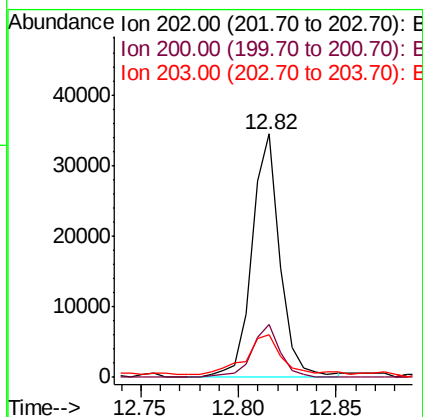
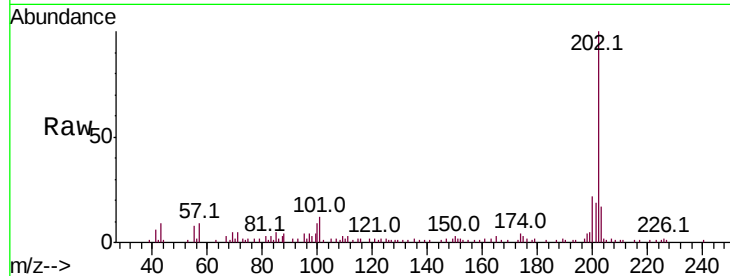




#78
Pvrene
Concen: 2.097 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

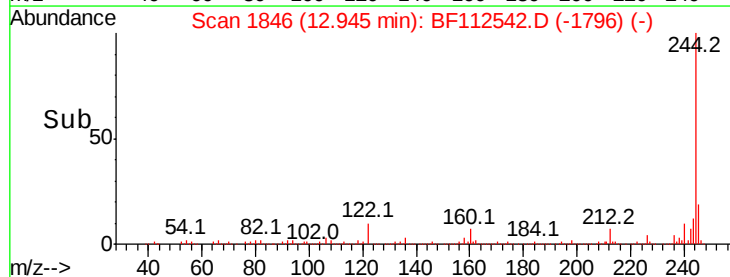
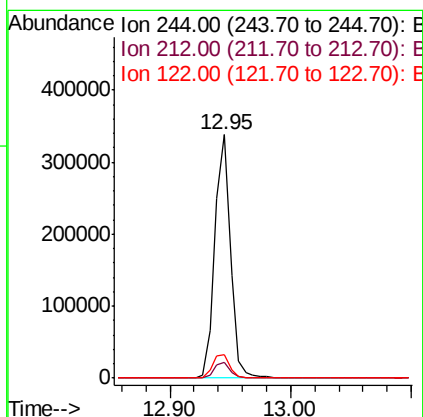
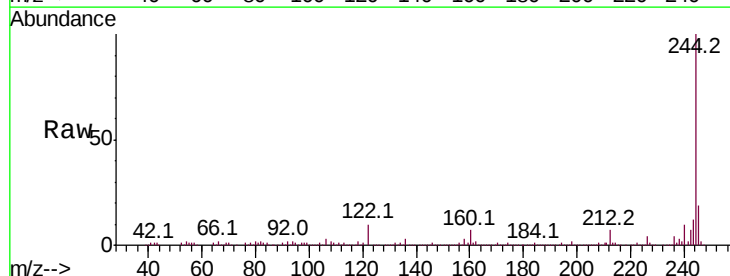
Instrument :
BNA_F
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JC-02-021119-N

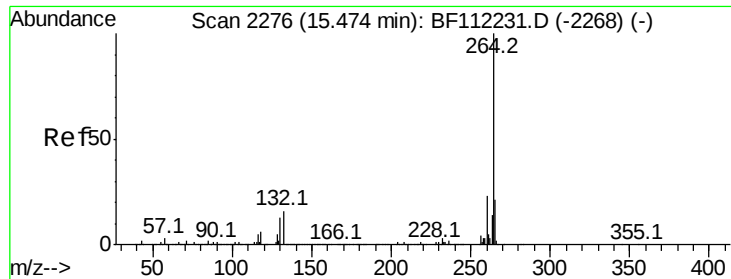
Tot Ion:202 Resp: 34318
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.4 14.6 22.0



#79
Terphenyl-d14
Concen: 23.866 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:244 Resp: 299580
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.8 9.8 14.6

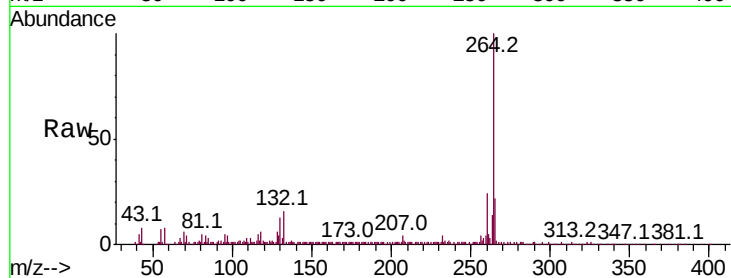




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

Tot Ion:264 Resp: 176662
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 22.0 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

