

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112835.D
 Acq On : 4 Mar 2019 20:13
 Operator : JU/SJ
 Sample : K1688-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 05 00:39:34 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

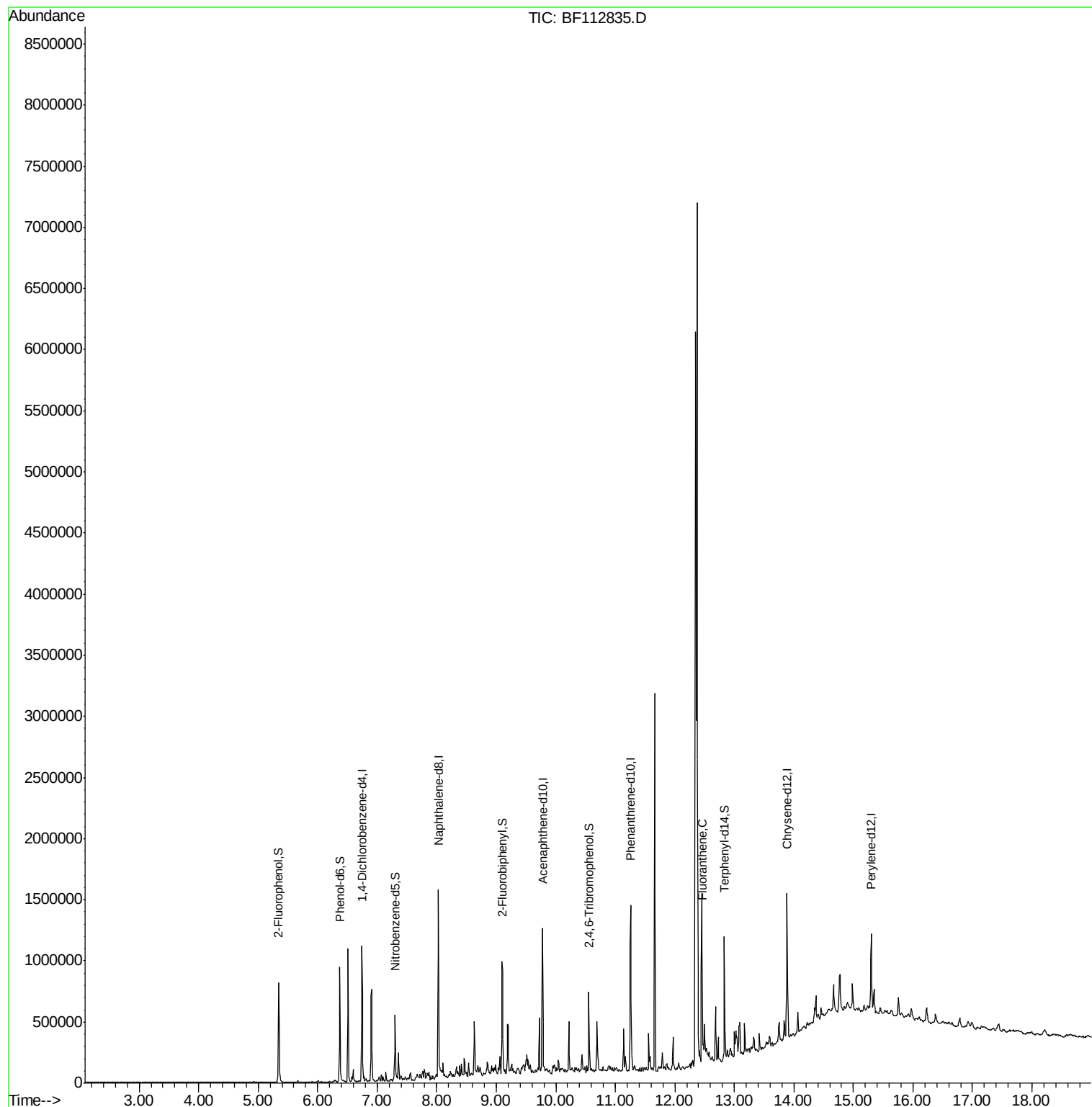
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156686	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	571796	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	252522	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	515250	20.00	ng	0.01
76) Chrysene-d12	13.89	240	435779	20.00	ng	0.01
87) Perylene-d12	15.30	264	297118	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	256581	25.47	ng	0.00
7) Phenol-d6	6.37	99	340270	26.89	ng	0.00
23) Nitrobenzene-d5	7.30	82	178805	18.71	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	85503	31.89	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	317536	16.14	ng	0.00
79) Terphenyl-d14	12.83	244	353240	15.71	ng	0.00
Target Compounds						
75) Fluoranthene	12.46	202	62532	2.277	ng	Qvalue 98

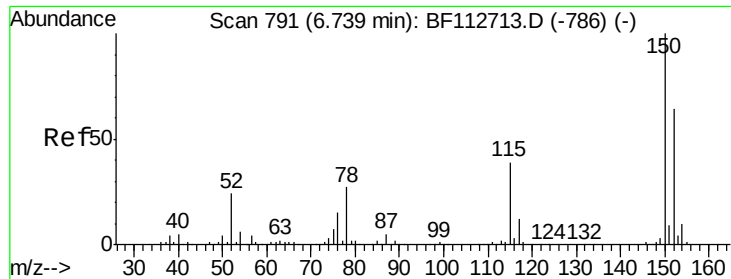
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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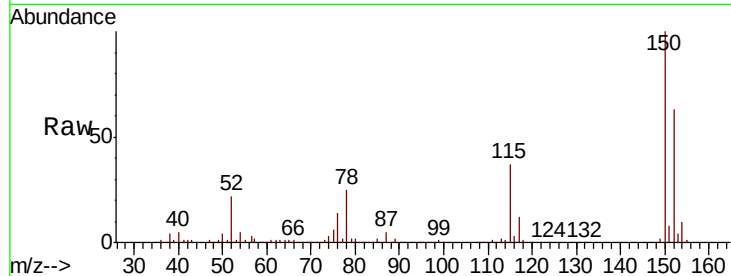


#1

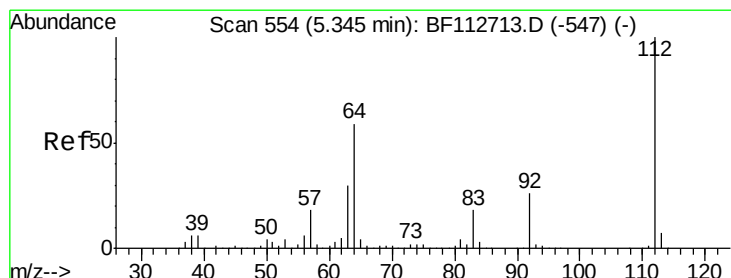
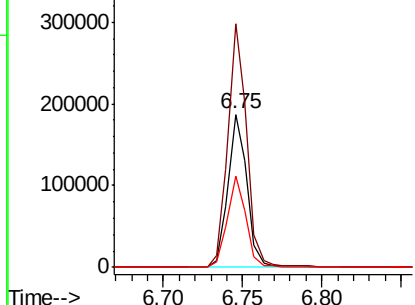
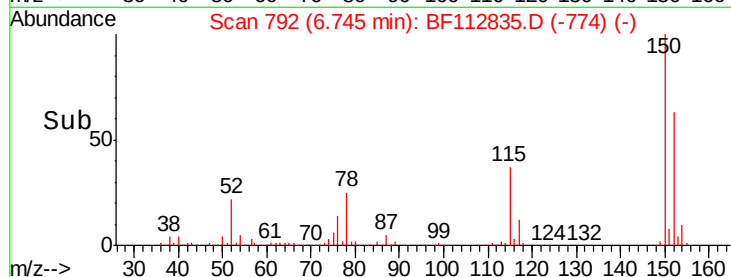
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112835.D
Acq: 4 Mar 2019 20:13

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

Tgt Ion:152 Resp: 156686
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.2
115 59.5 48.2 72.4



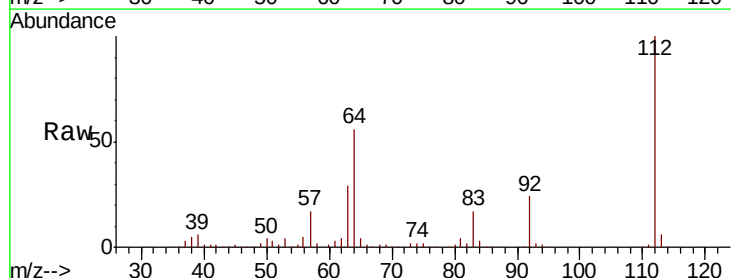
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



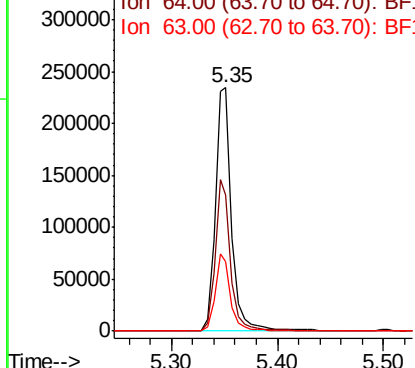
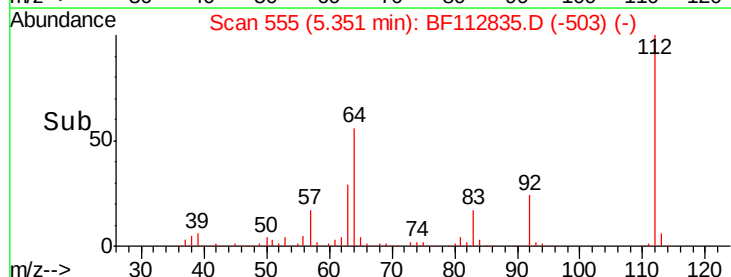
#5

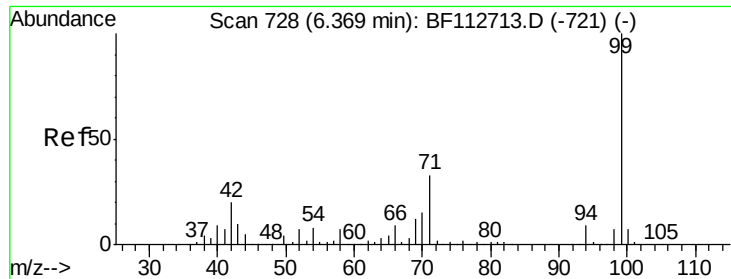
2-Fluorophenol
Concen: 25.473 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112835.D
Acq: 4 Mar 2019 20:13

Tgt Ion:112 Resp: 256581
Ion Ratio Lower Upper
112 100
64 56.0 47.6 71.4
63 28.6 24.4 36.6



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: 26.892 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112835.D

Acq: 4 Mar 2019 20:13

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-G

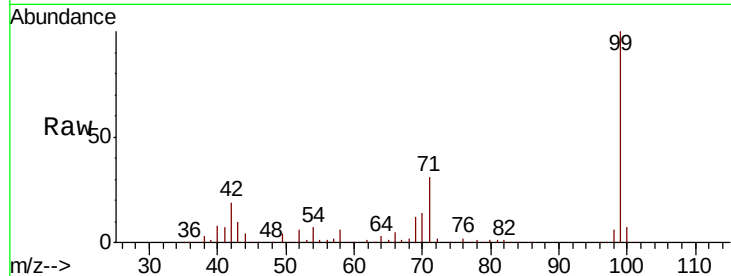
Tgt Ion: 99 Resp: 340270

Ion Ratio Lower Upper

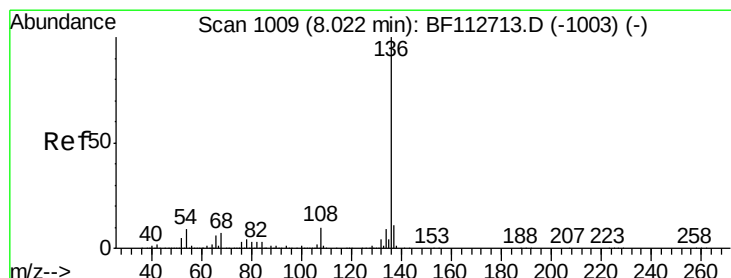
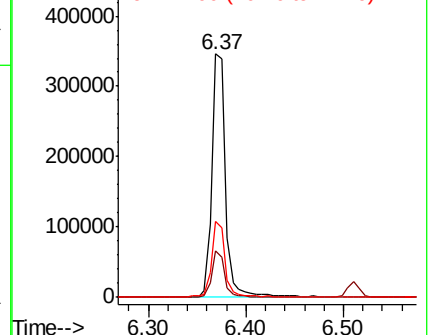
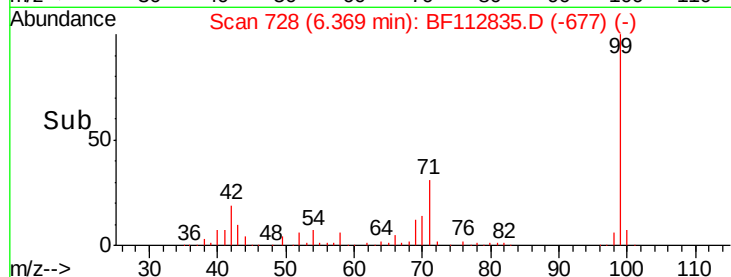
99 100

42 19.1 16.3 24.5

71 31.4 26.2 39.4



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: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112835.D

Acq: 4 Mar 2019 20:13

Tgt Ion: 136 Resp: 571796

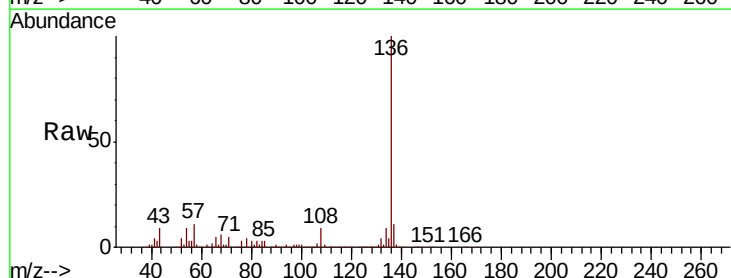
Ion Ratio Lower Upper

136 100

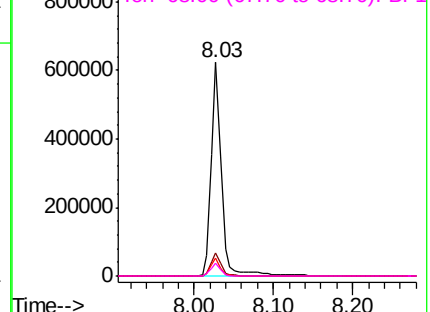
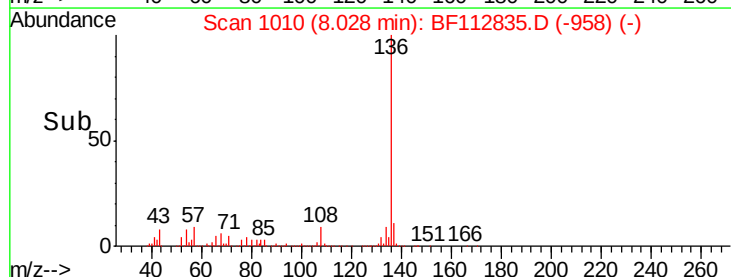
137 10.9 8.9 13.3

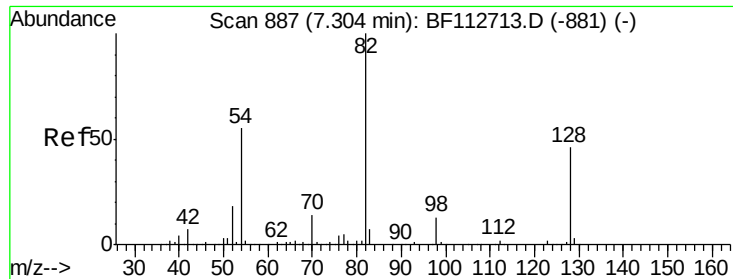
54 8.6 7.3 10.9

68 6.1 5.4 8.2



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

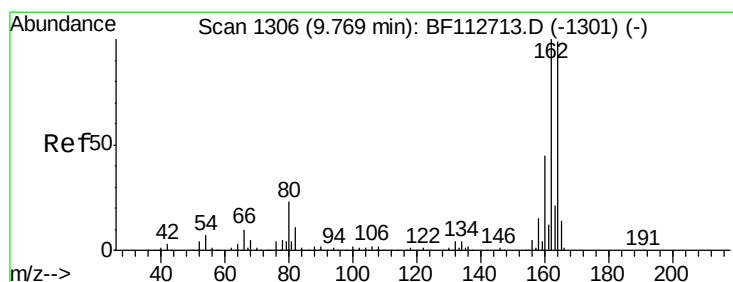
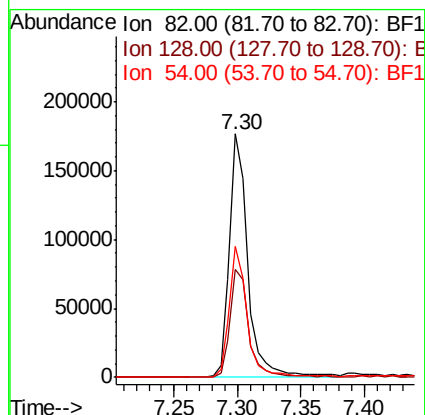
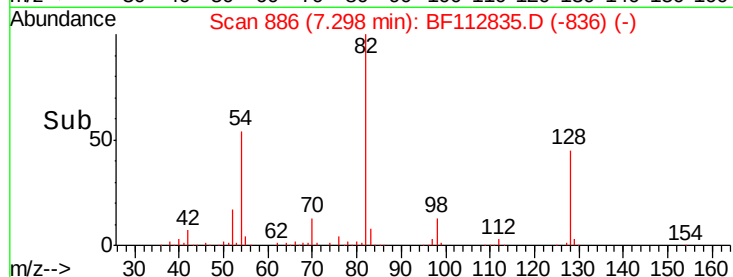
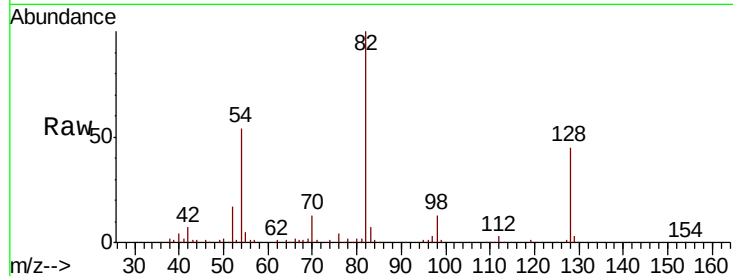




#23
Nitrobenzene-d5
Concen: 18.712 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112835.D
Acq: 4 Mar 2019 20:13

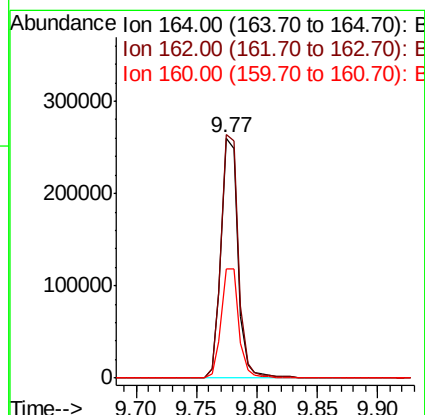
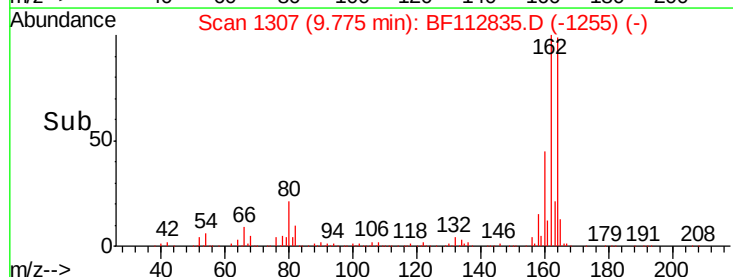
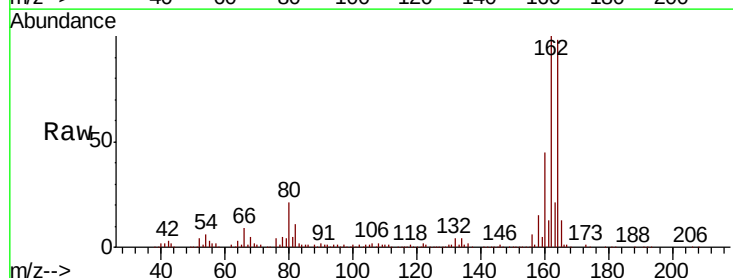
Instrument :
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JC-03-030119-G

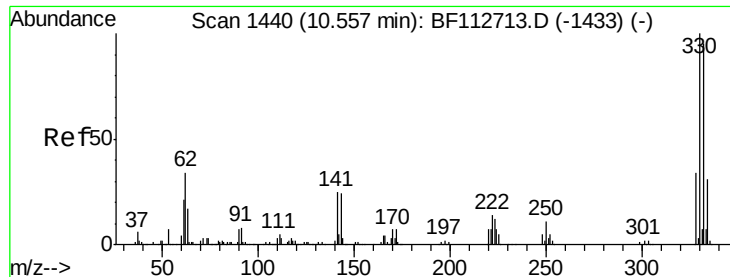
Tgt Ion: 82 Resp: 178805
Ion Ratio Lower Upper
82 100
128 44.5 36.3 54.5
54 54.0 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112835.D
Acq: 4 Mar 2019 20:13

Tgt Ion: 164 Resp: 252522
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 31.894 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112835.D

Acq: 4 Mar 2019 20:13

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-G

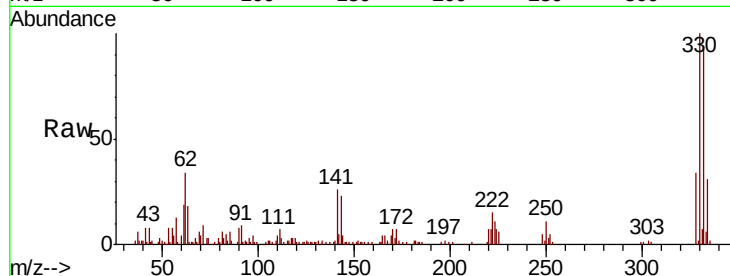
Tgt Ion:330 Resp: 85503

Ion Ratio Lower Upper

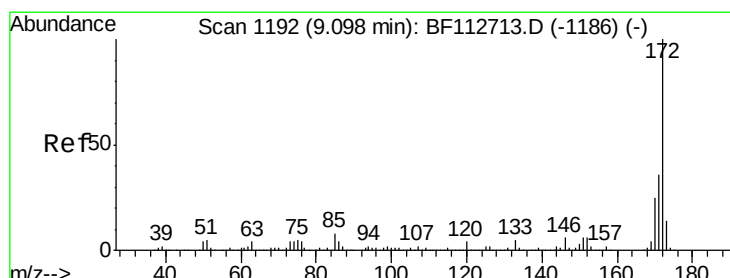
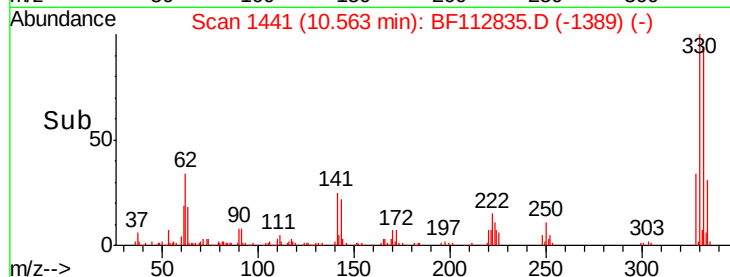
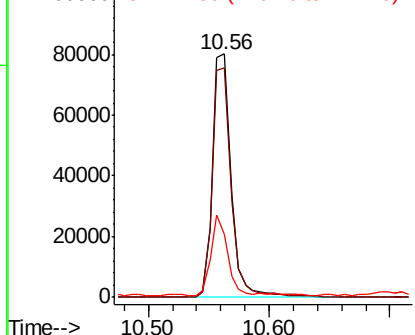
330 100

332 94.8 76.2 114.4

141 28.1 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: 16.138 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112835.D

Acq: 4 Mar 2019 20:13

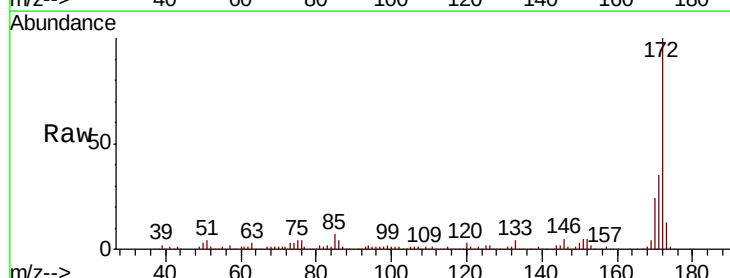
Tgt Ion:172 Resp: 317536

Ion Ratio Lower Upper

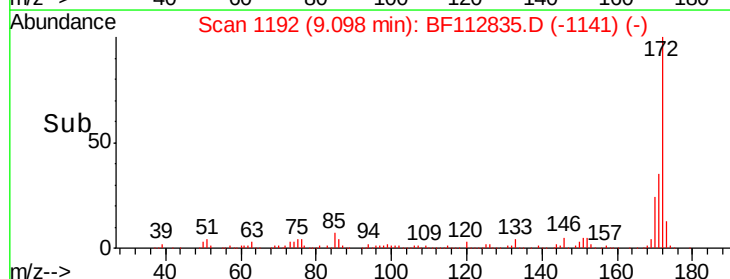
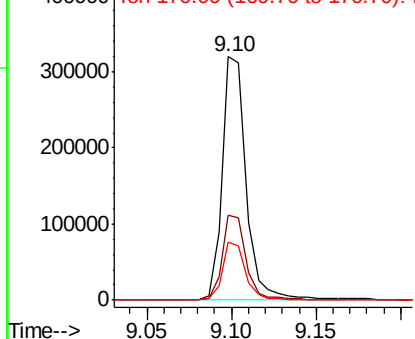
172 100

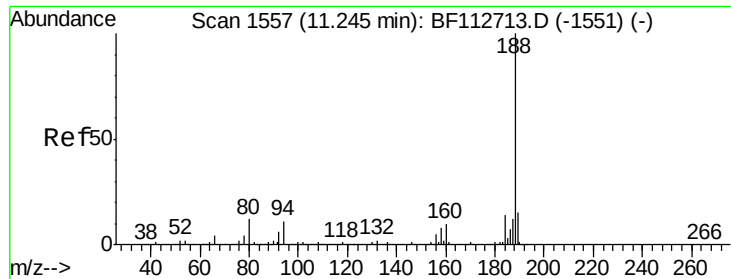
171 34.9 29.0 43.4

170 24.1 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: BF112835.D

Acq: 4 Mar 2019 20:13

Instrument :

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ClientSampleId :

JC-03-030119-G

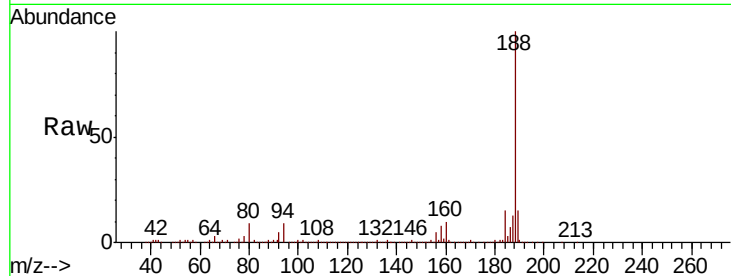
Tgt Ion:188 Resp: 515250

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

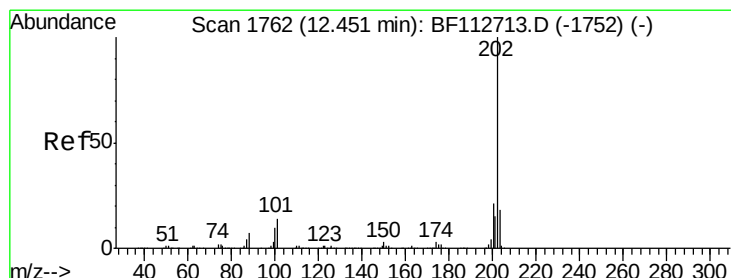
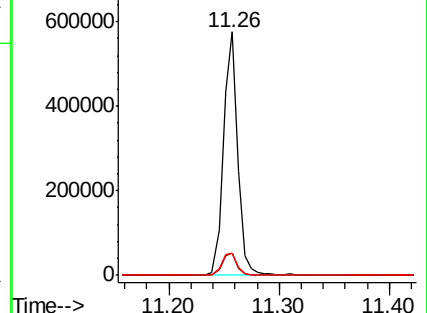
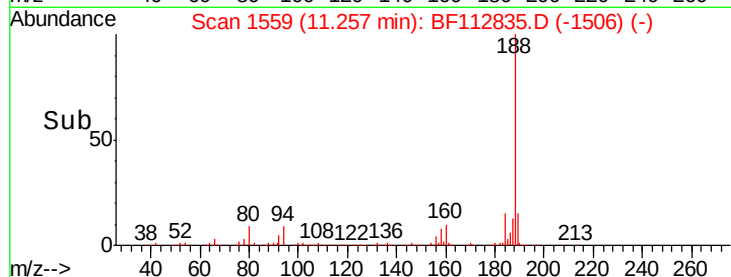
80 9.2 9.2 13.8#



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



#75

Fluoranthene

Concen: 2.277 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112835.D

Acq: 4 Mar 2019 20:13

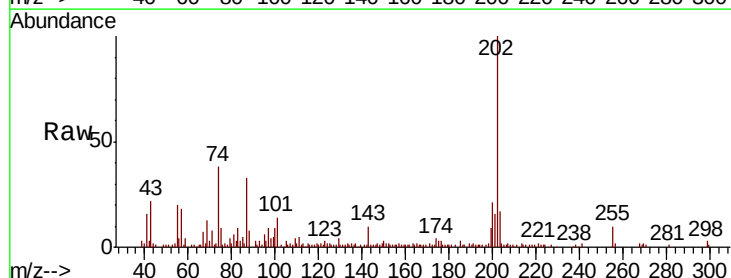
Tgt Ion:202 Resp: 62532

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.8

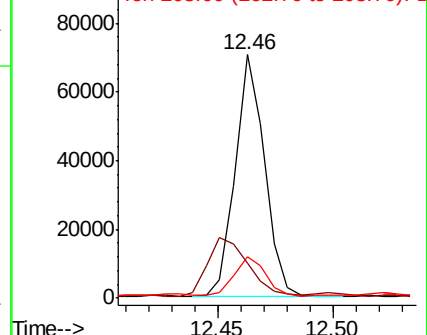
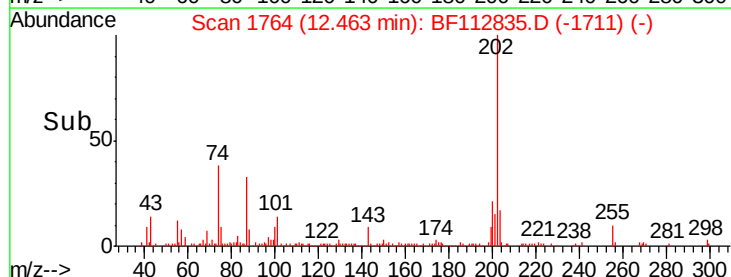
203 17.1 0.0 38.4

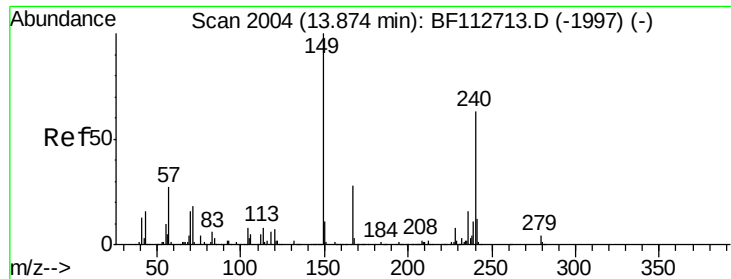


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

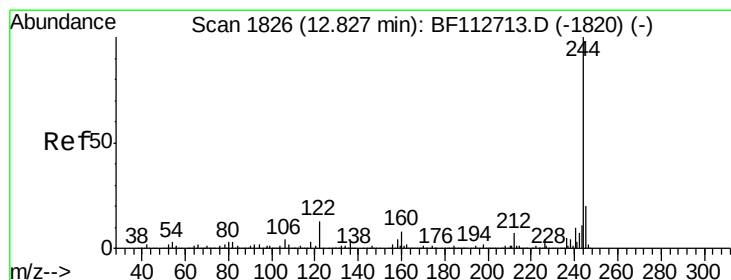
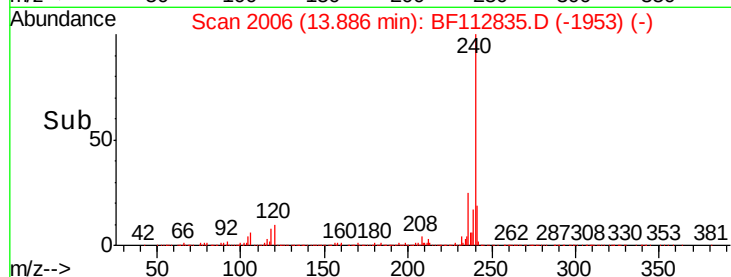
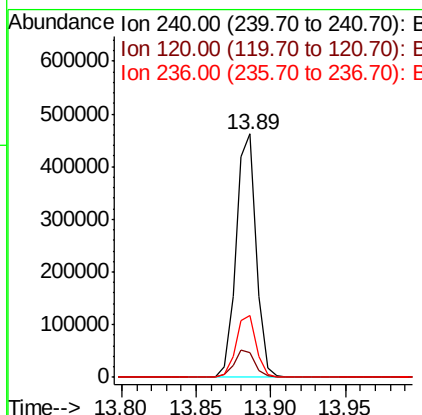
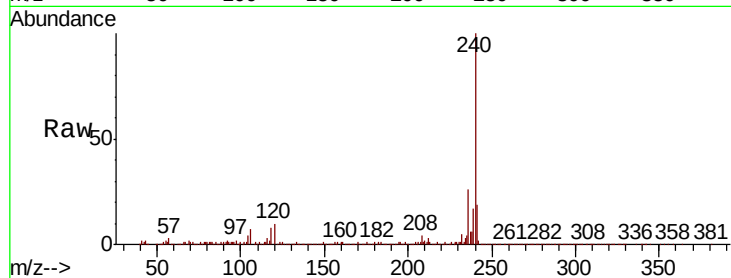




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF112835.D
 Acq: 4 Mar 2019 20:13

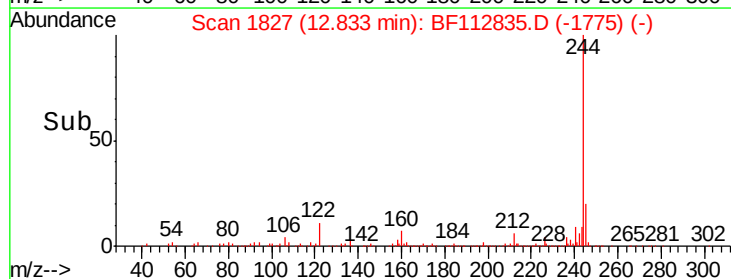
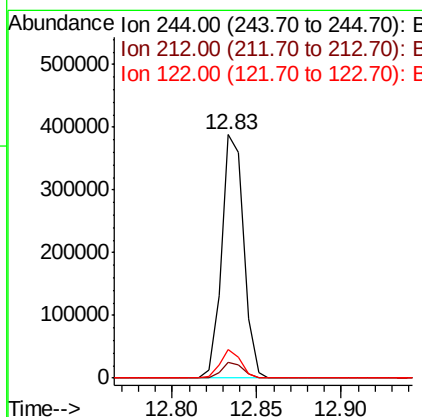
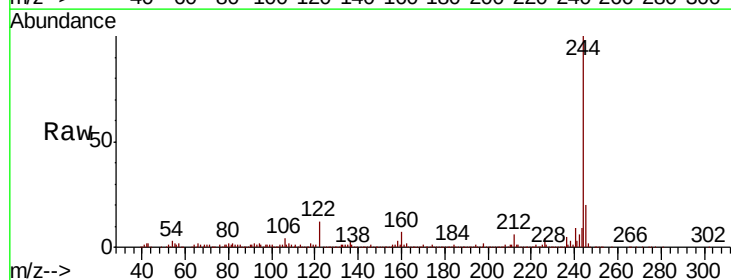
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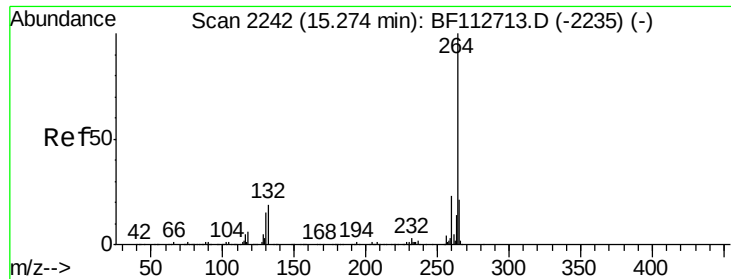
Tgt Ion:240 Resp: 435779
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.9 13.3
 236 25.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 15.713 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112835.D
 Acq: 4 Mar 2019 20:13

Tgt Ion:244 Resp: 353240
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.6 10.5 15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112835.D
Acq: 4 Mar 2019 20:13

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

Tgt Ion:	264	Resp:	297118
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	17.2	25.8

