

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112520.D
 Acq On : 12 Feb 2019 21:24
 Operator : JU/SJ
 Sample : K1343-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 13 04:59:22 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

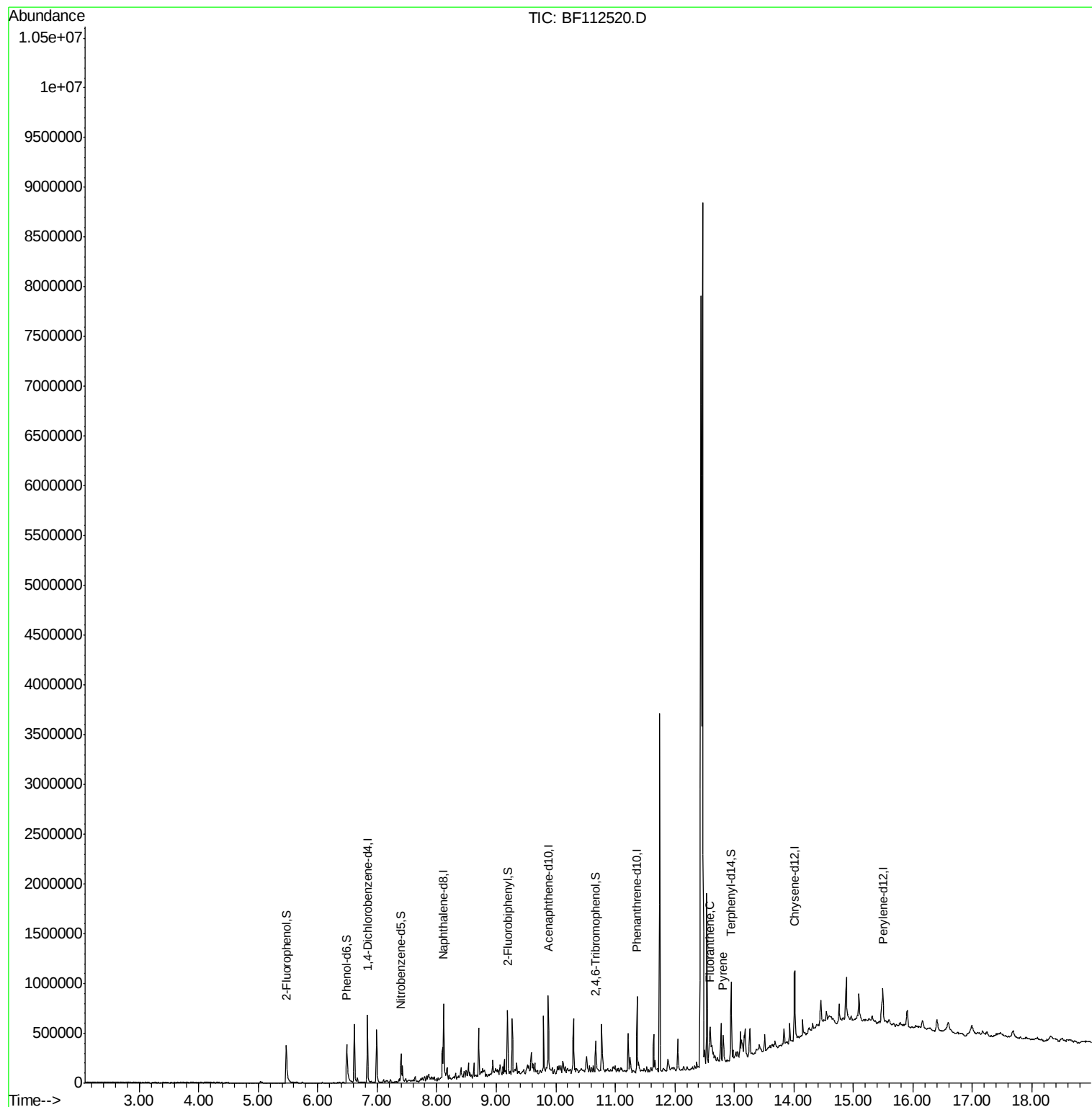
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105243	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	359387	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	143773	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	270824	20.00	ng	0.00
76) Chrysene-d12	14.02	240	245005	20.00	ng	0.00
87) Perylene-d12	15.50	264	169391	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	159917	32.28	ng	0.00
7) Phenol-d6	6.49	99	189624	27.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	109957	17.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	42540	25.42	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	210807	20.74	ng	-0.01
79) Terphenyl-d14	12.94	244	231867	17.82	ng	0.00
Target Compounds						
75) Fluoranthene	12.59	202	38577	2.555	ng	98
78) Pyrene	12.82	202	39140	2.307	ng	98

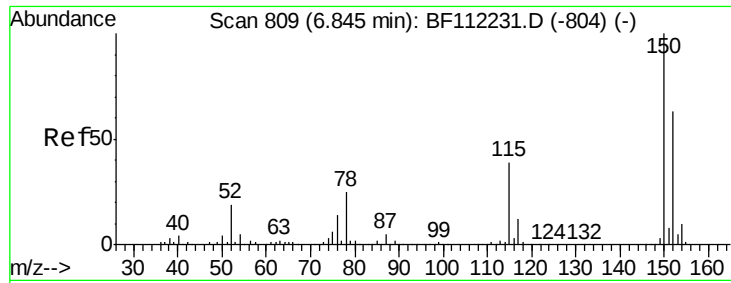
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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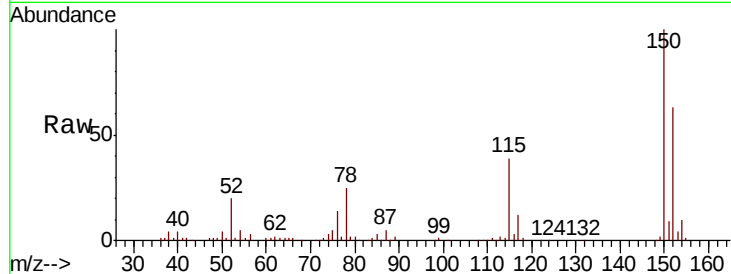


#1

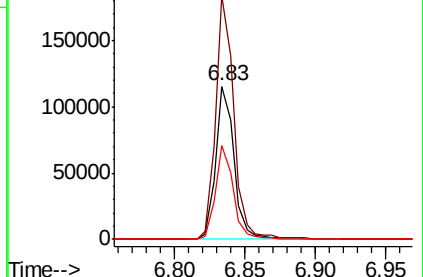
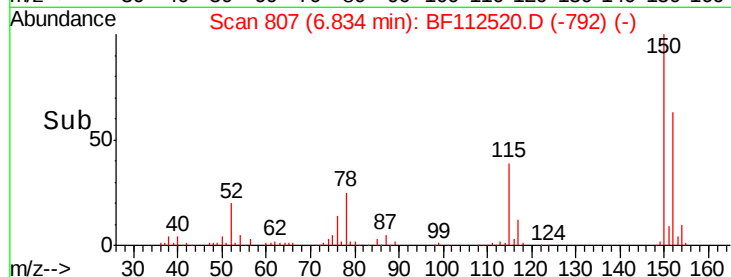
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112520.D
 Acq: 12 Feb 2019 21:24

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

Tot Ion:152 Resp: 105243
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.4 191.0
 115 61.5 45.5 68.3



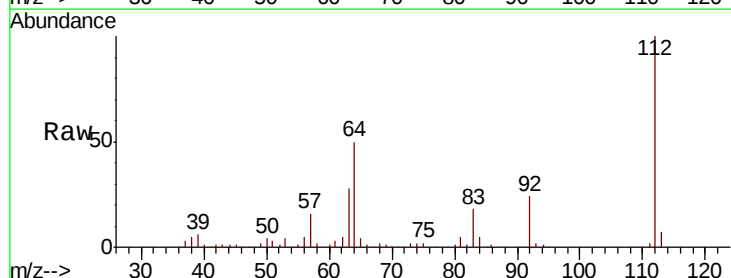
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



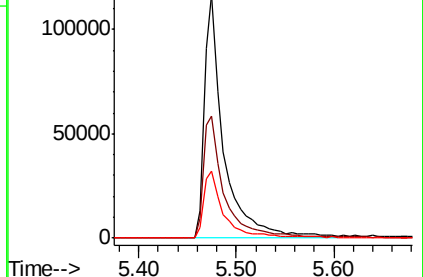
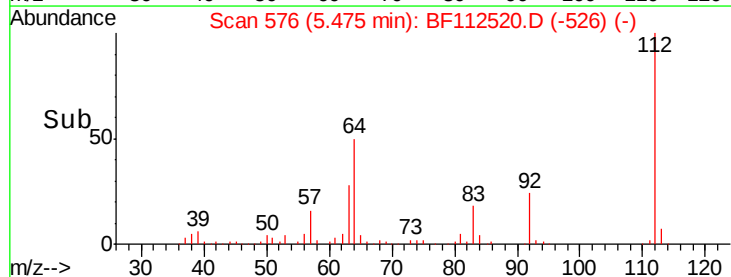
#5

2-Fluorophenol
 Concen: 32.275 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112520.D
 Acq: 12 Feb 2019 21:24

Tgt Ion:112 Resp: 159917
 Ion Ratio Lower Upper
 112 100
 64 50.2 45.7 68.5
 63 27.6 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: 27.542 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112520.D

Acq: 12 Feb 2019 21:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-A

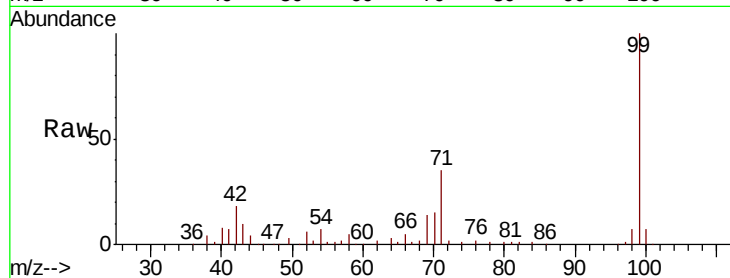
Tot Ion: 99 Resp: 189624

Ion Ratio Lower Upper

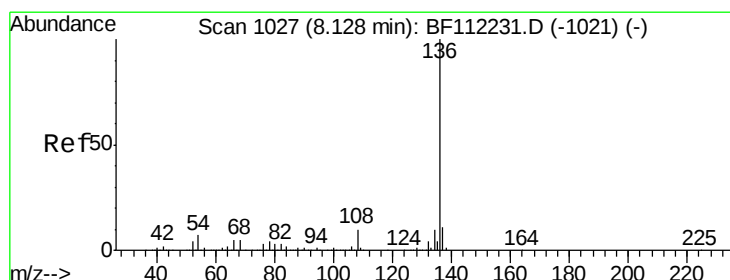
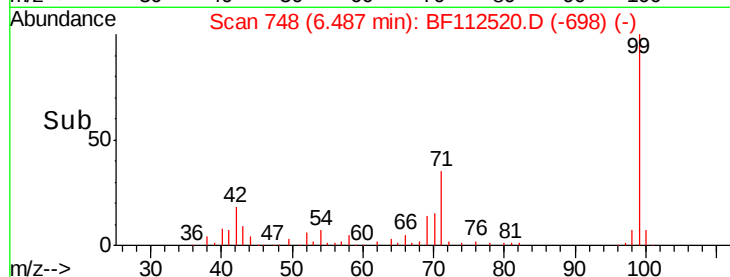
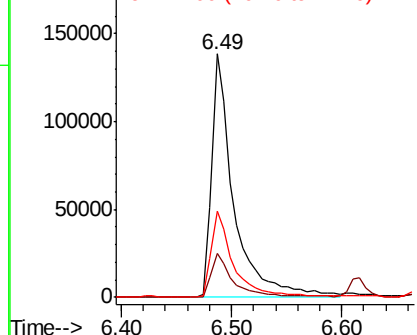
99 100

42 18.1 15.1 22.7

71 35.3 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: BF112520.D

Acq: 12 Feb 2019 21:24

Tgt Ion: 136 Resp: 359387

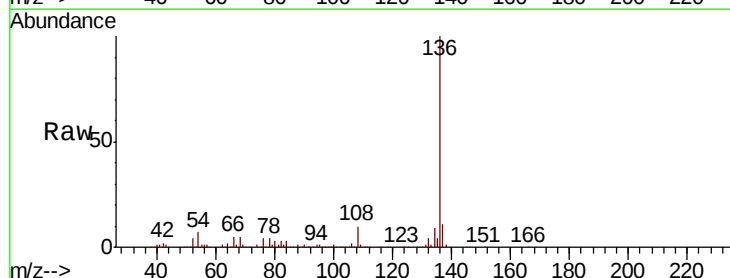
Ion Ratio Lower Upper

136 100

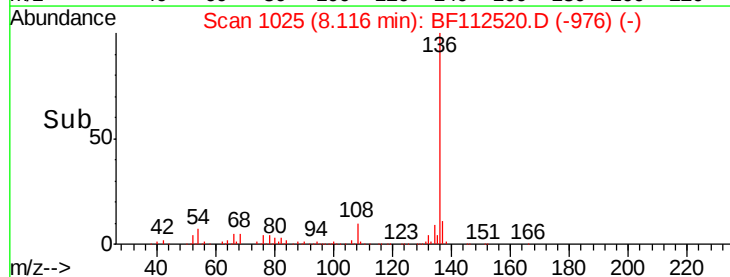
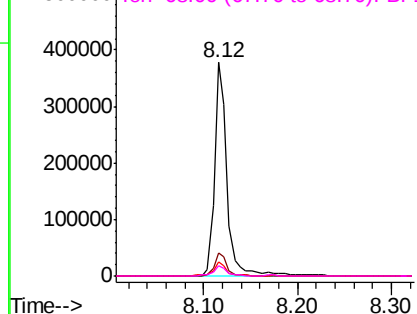
137 10.7 9.1 13.7

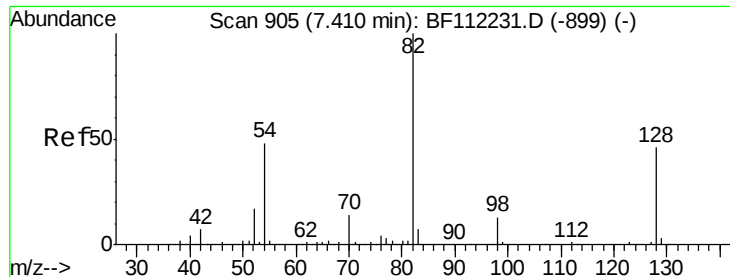
54 6.7 5.9 8.9

68 4.8 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

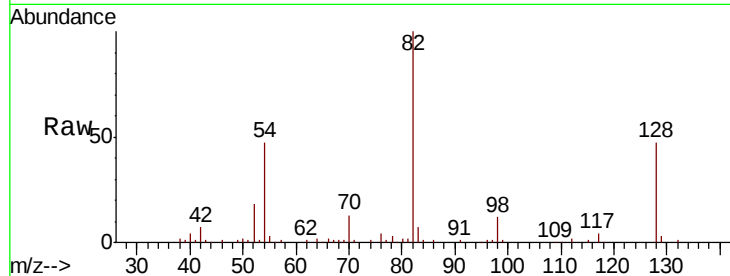




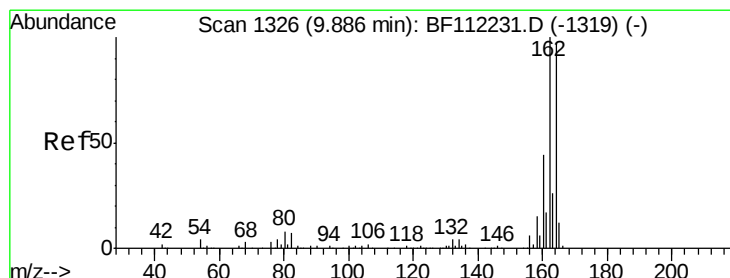
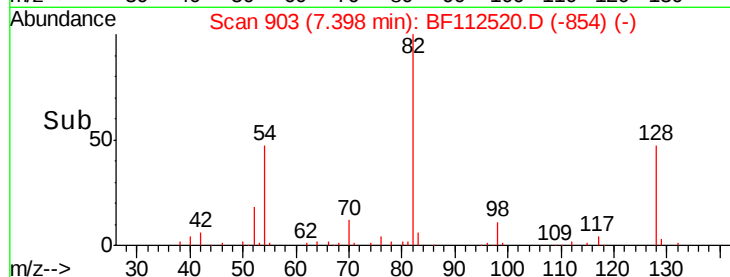
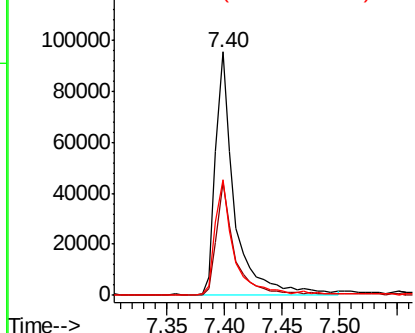
#23
Nitrobenzene-d5
Concen: 17.629 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112520.D
Acq: 12 Feb 2019 21:24

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

Tot Ion: 82 Resp: 109957
Ion Ratio Lower Upper
82 100
128 46.7 37.8 56.8
54 47.4 39.7 59.5

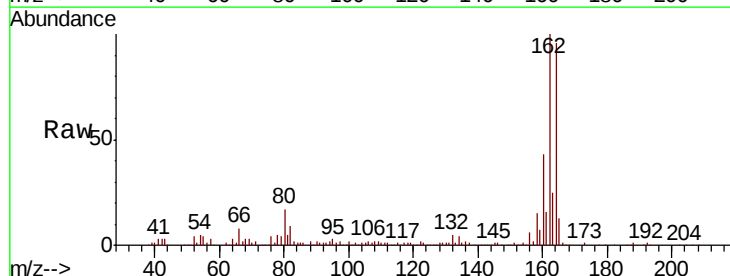


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

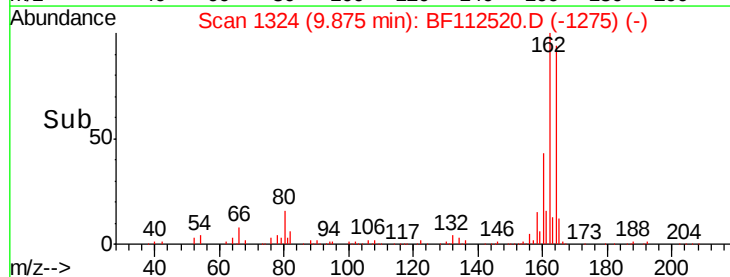
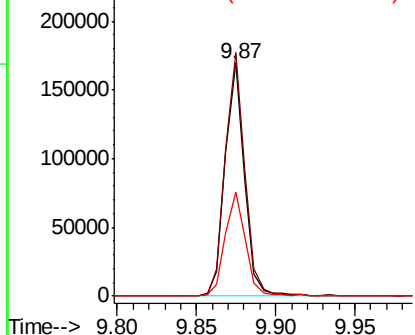


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112520.D
Acq: 12 Feb 2019 21:24

Tgt Ion:164 Resp: 143773
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.4
160 44.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 25.420 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112520.D

Acq: 12 Feb 2019 21:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-A

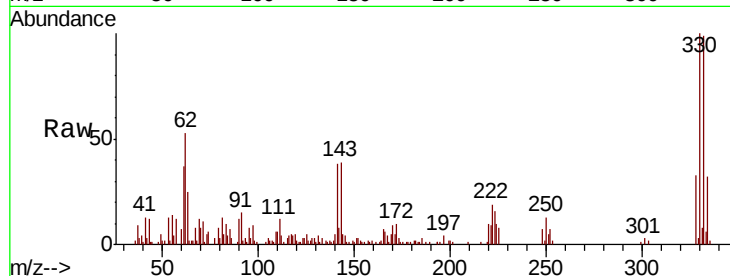
Tot Ion:330 Resp: 42540

Ion Ratio Lower Upper

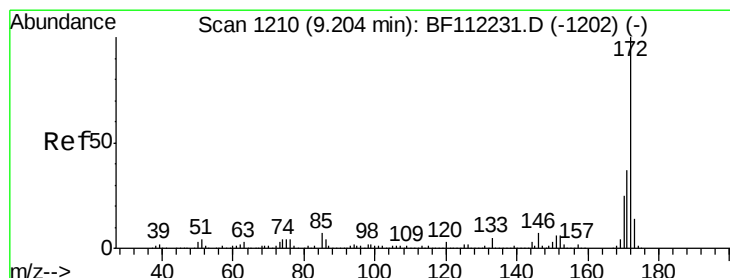
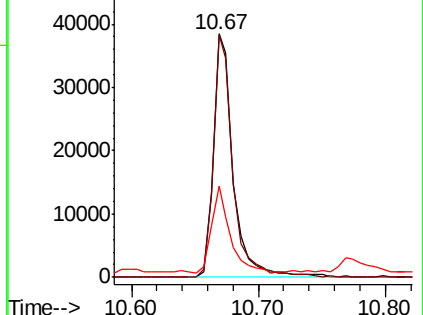
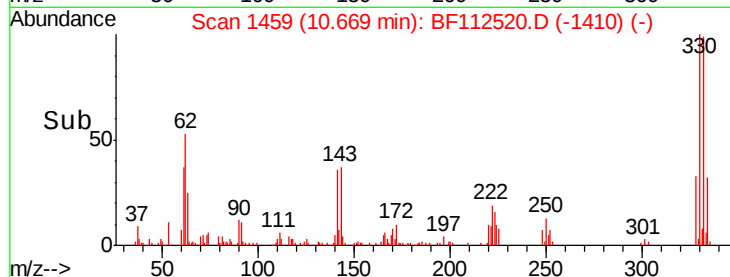
330 100

332 97.7 76.6 114.8

141 34.1 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: 20.738 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112520.D

Acq: 12 Feb 2019 21:24

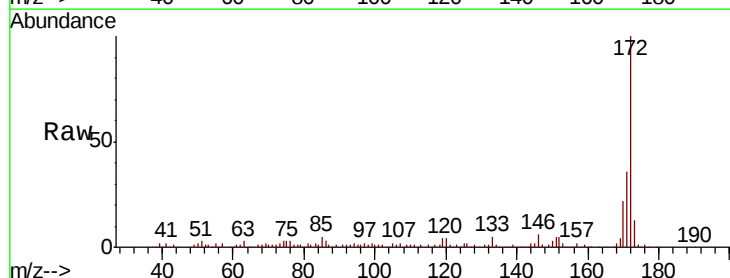
Tgt Ion:172 Resp: 210807

Ion Ratio Lower Upper

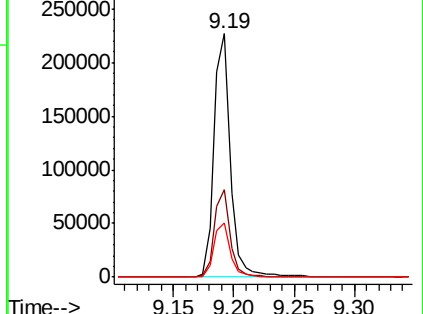
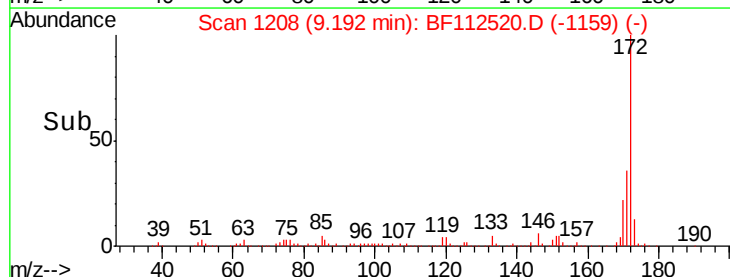
172 100

171 36.2 30.5 45.7

170 22.1 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

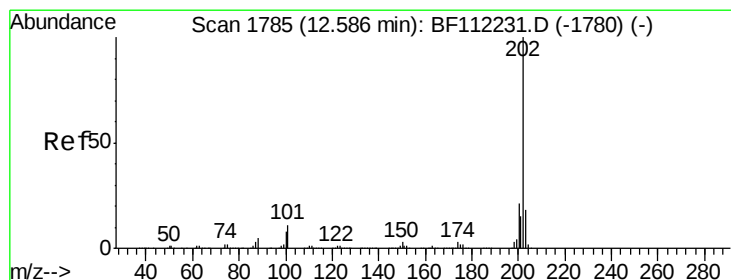
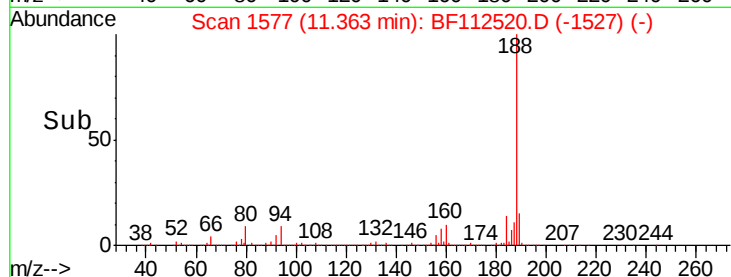
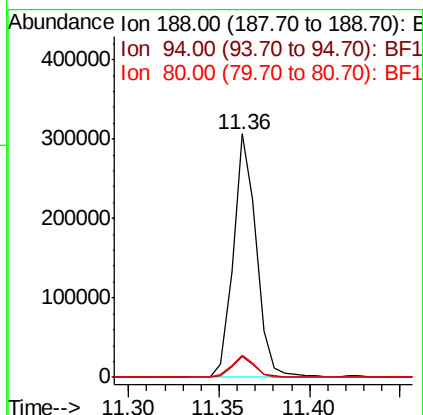
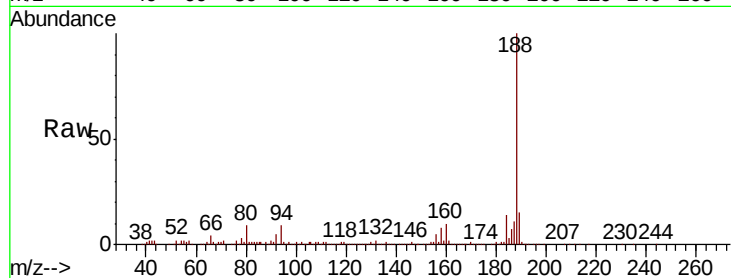




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112520.D
Acq: 12 Feb 2019 21:24

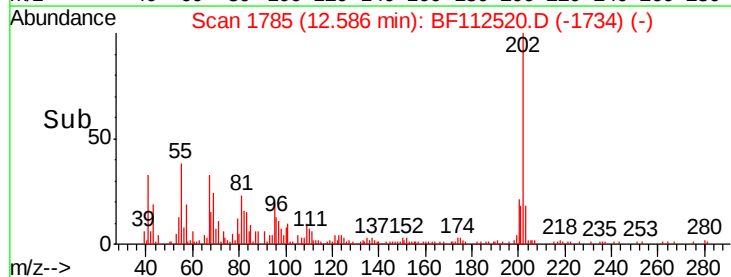
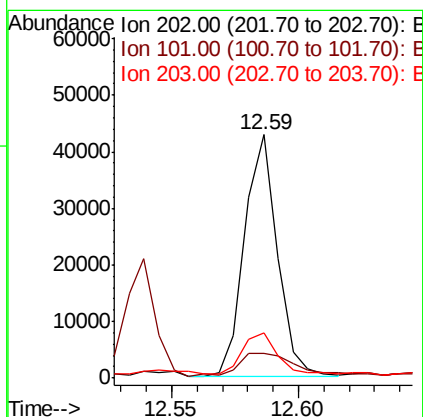
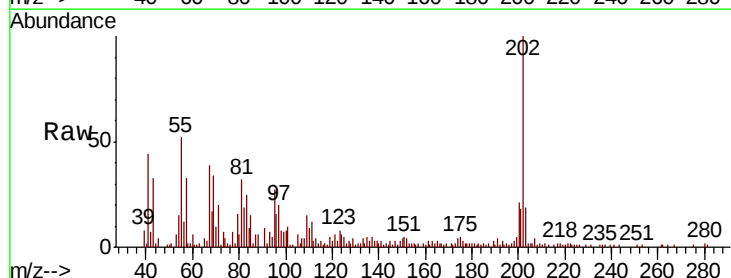
Instrument :
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ClientSampleId :
JC-02-021119-A

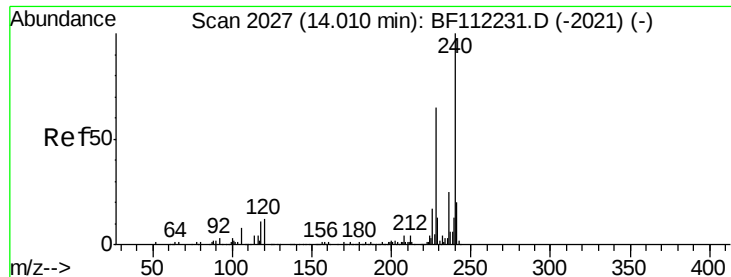
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.3	8.9	13.3



#75
Fluoranthene
Concen: 2.555 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112520.D
Acq: 12 Feb 2019 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.8
203	18.8	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112520.D

Acq: 12 Feb 2019 21:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-A

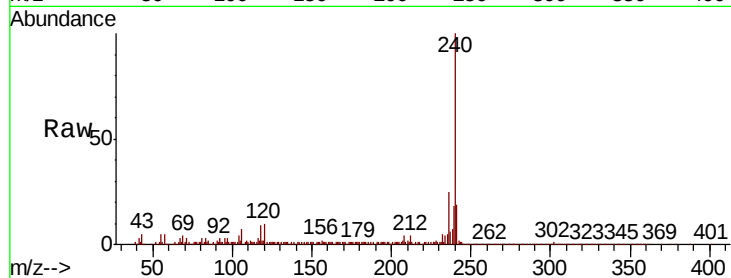
Tot Ion:240 Resp: 245005

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

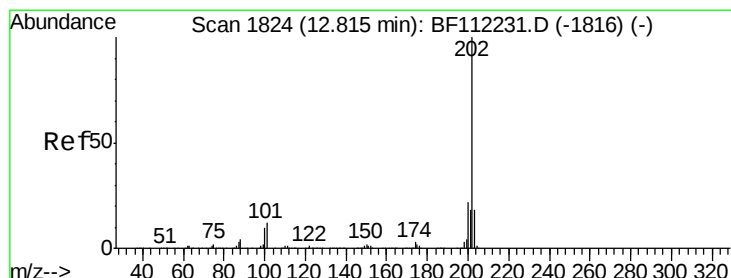
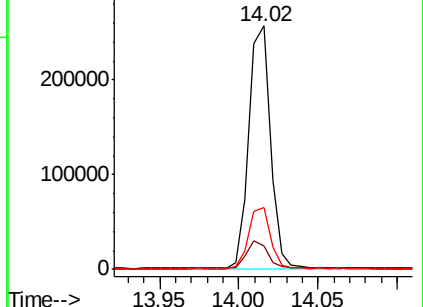
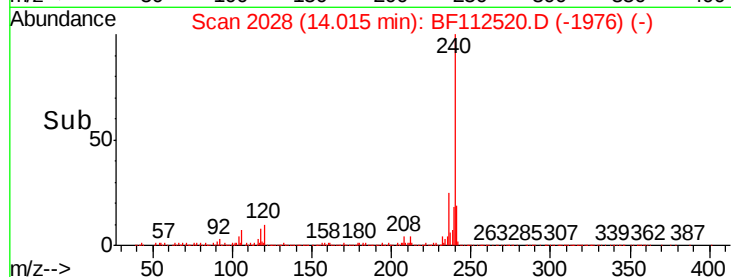
236 25.2 20.7 31.1



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

Pyrene

Concen: 2.307 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112520.D

Acq: 12 Feb 2019 21:24

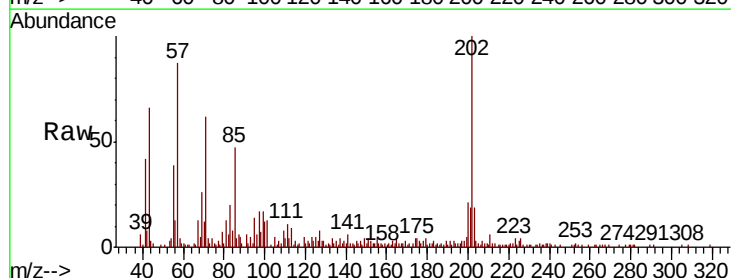
Tgt Ion:202 Resp: 39140

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

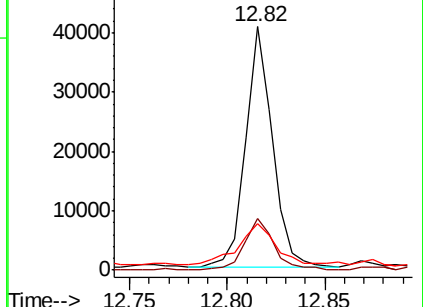
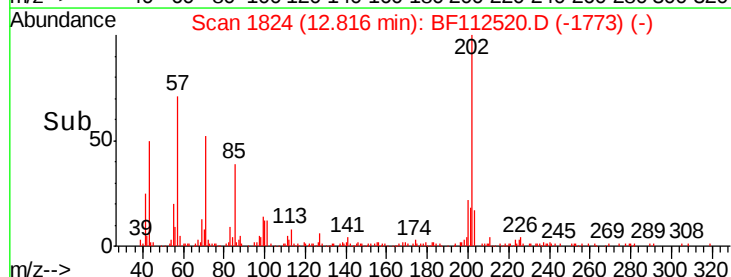
203 19.0 14.6 22.0

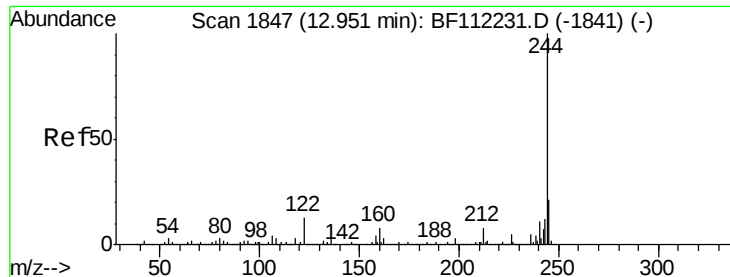


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 17.824 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112520.D

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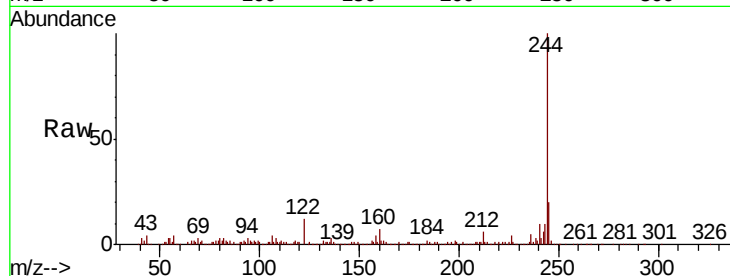
Tot Ion:244 Resp: 231867

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

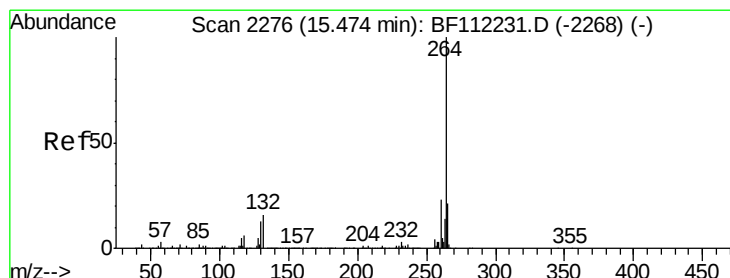
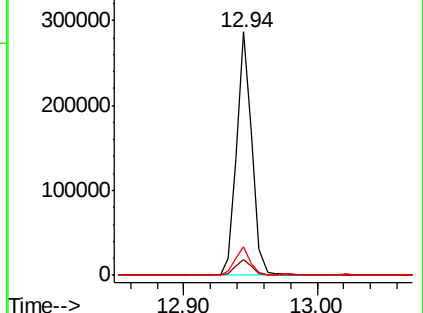
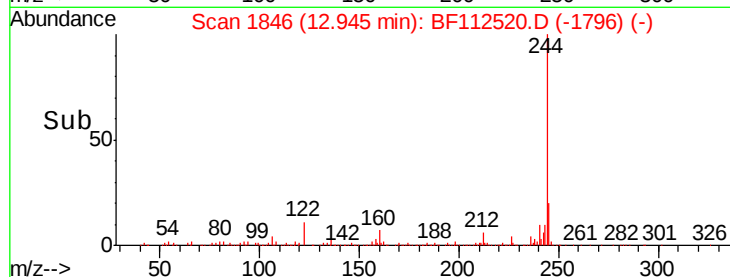
122 11.6 9.8 14.6



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: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112520.D

Acq: 12 Feb 2019 21:24

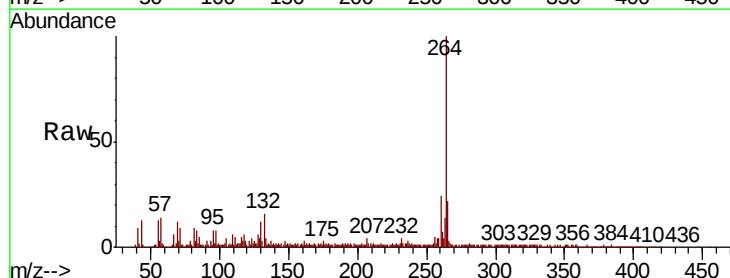
Tgt Ion:264 Resp: 169391

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 21.6 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

