

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112524.D
 Acq On : 12 Feb 2019 23:19
 Operator : JU/SJ
 Sample : K1343-11 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 13 03:41:53 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

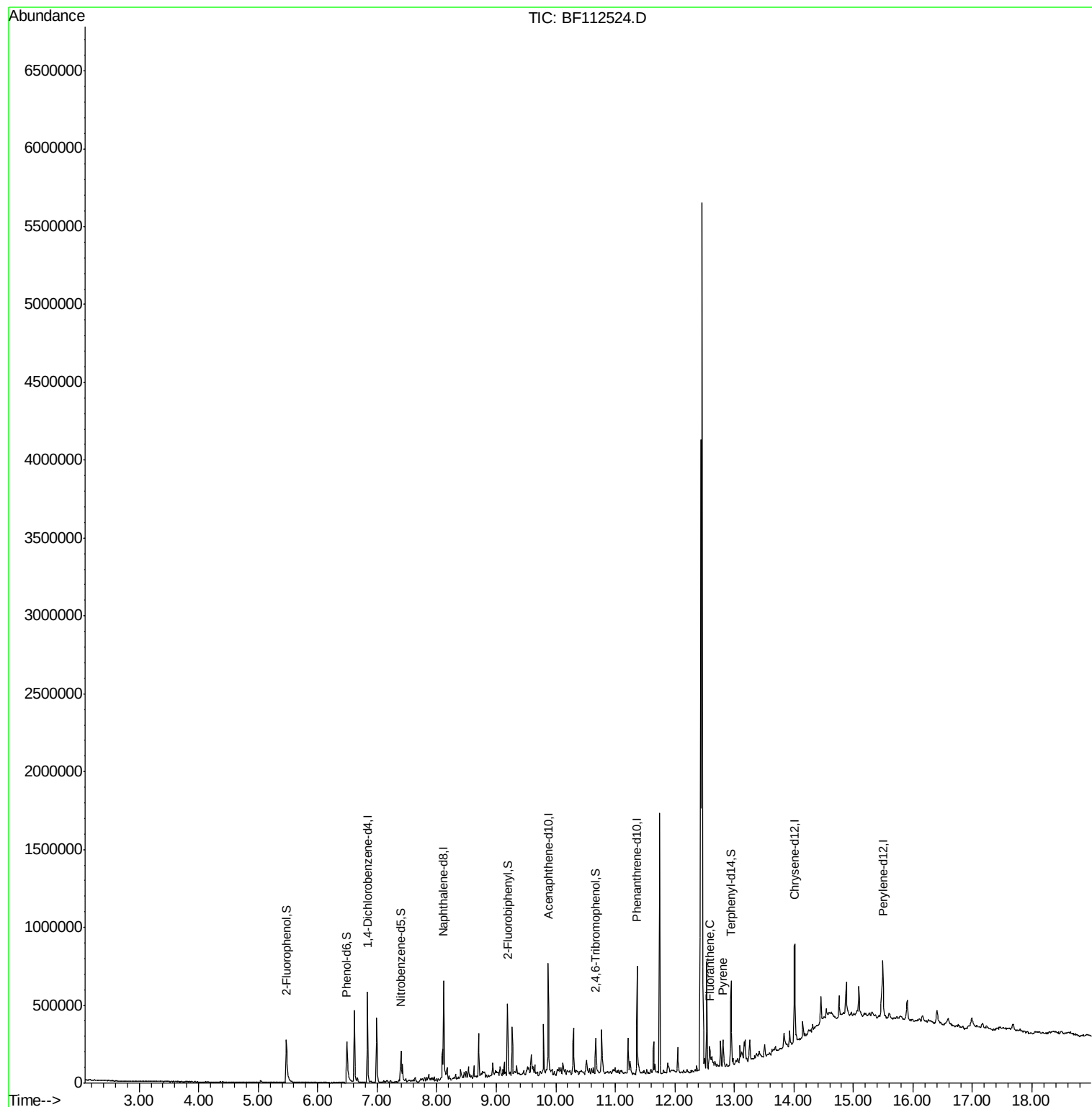
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92431	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	329975	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	137374	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	253395	20.00	ng	0.00
76) Chrysene-d12	14.02	240	223995	20.00	ng	0.00
87) Perylene-d12	15.49	264	174875	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	125183	28.77	ng	0.00
7) Phenol-d6	6.49	99	150936	24.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	86974	15.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	33587	21.01	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	161703	16.65	ng	-0.01
79) Terphenyl-d14	12.94	244	167811	14.11	ng	0.00
Target Compounds						
75) Fluoranthene	12.59	202	30799	2.180	ng	99
78) Pyrene	12.82	202	31573	2.036	ng	97

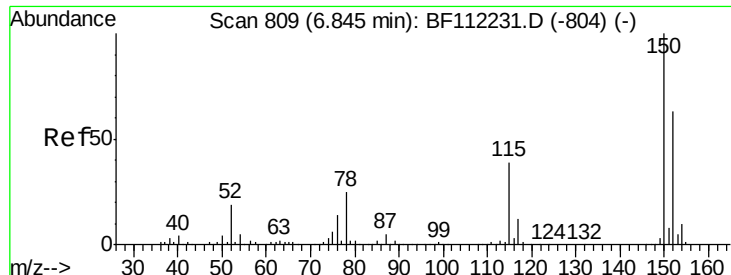
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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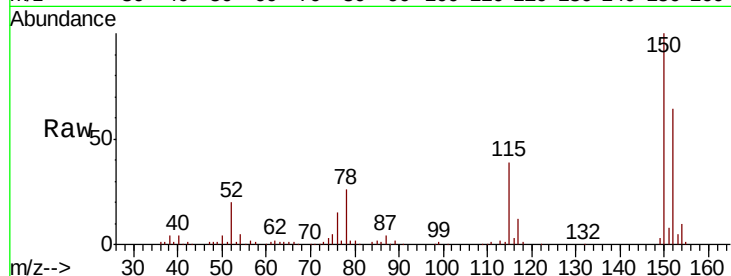


#1

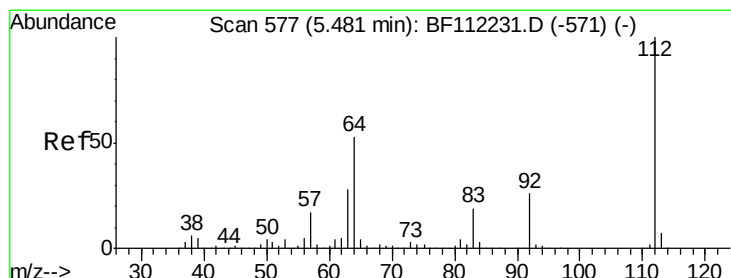
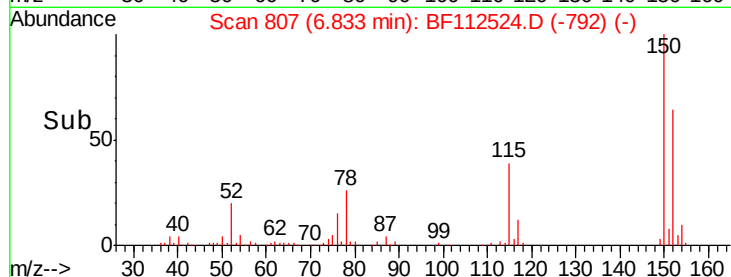
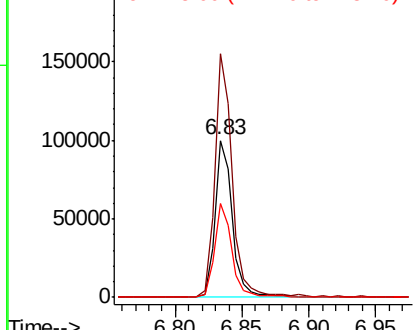
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112524.D
Acq: 12 Feb 2019 23:19

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

Tot Ion:152 Resp: 92431
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.9 45.5 68.3



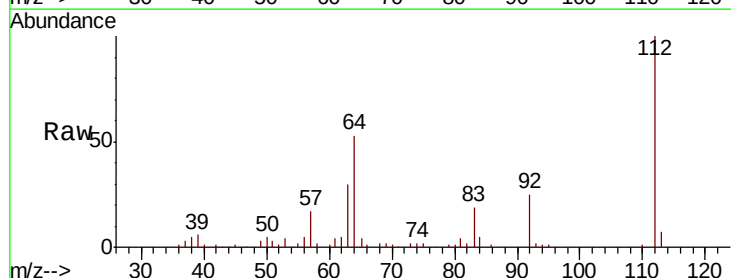
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



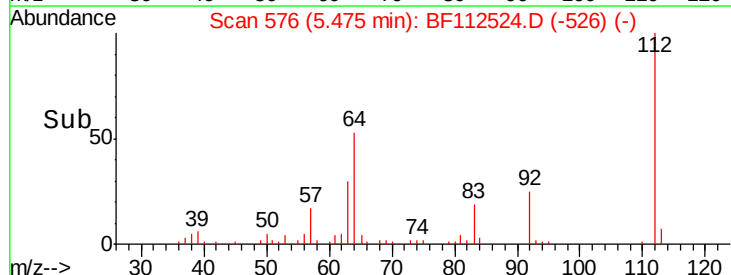
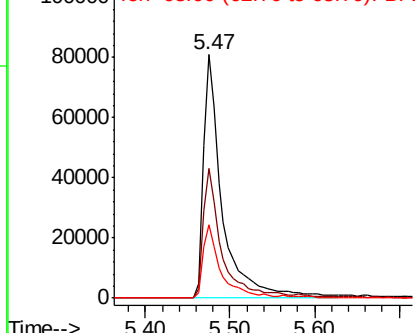
#5

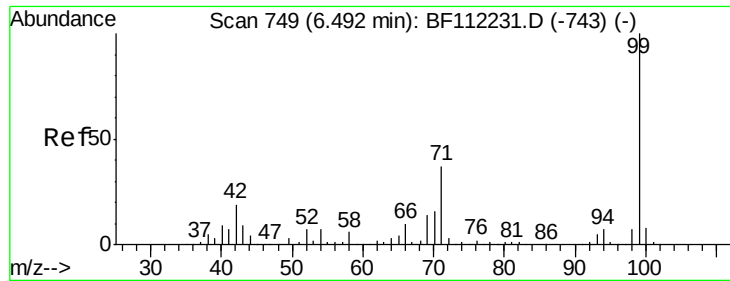
2-Fluorophenol
Concen: 28.767 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112524.D
Acq: 12 Feb 2019 23:19

Tgt Ion:112 Resp: 125183
Ion Ratio Lower Upper
112 100
64 53.5 45.7 68.5
63 30.4 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: 24.961 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112524.D

Acq: 12 Feb 2019 23:19

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-F

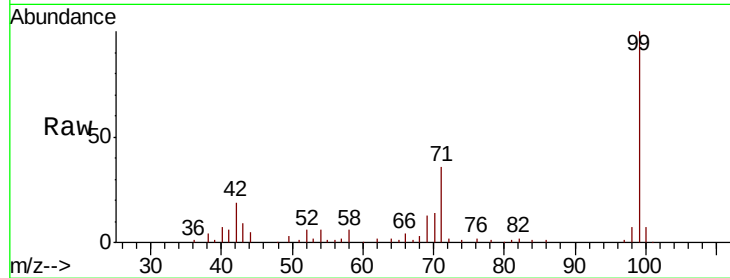
Tot Ion: 99 Resp: 150936

Ion Ratio Lower Upper

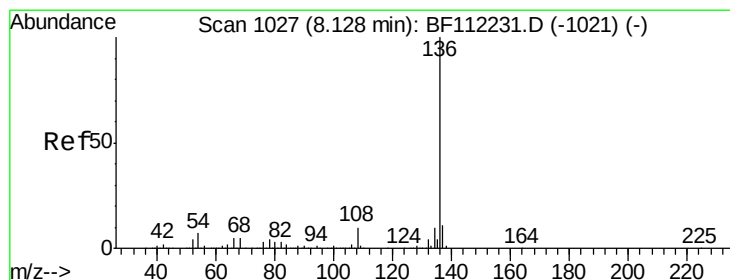
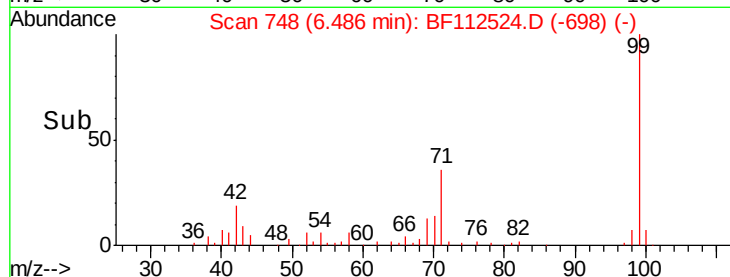
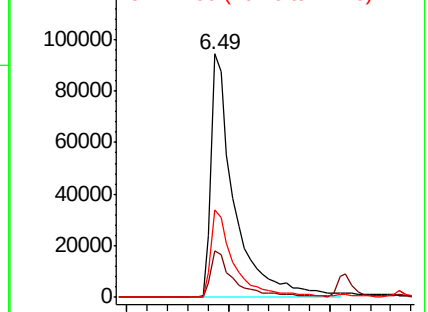
99 100

42 18.9 15.1 22.7

71 36.0 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: BF112524.D

Acq: 12 Feb 2019 23:19

Tgt Ion: 136 Resp: 329975

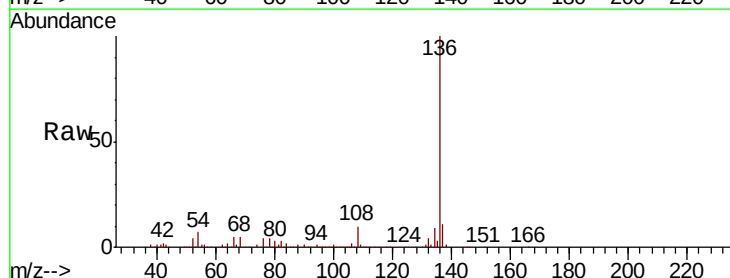
Ion Ratio Lower Upper

136 100

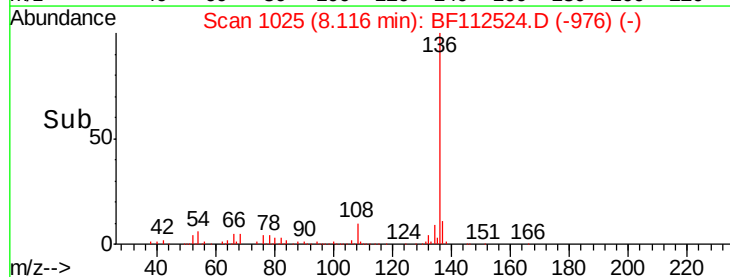
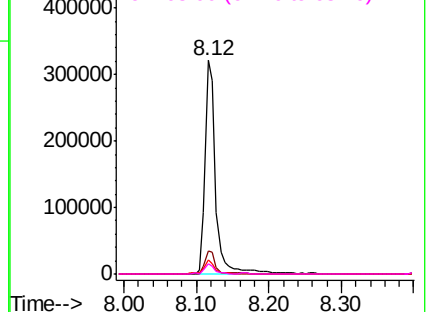
137 10.9 9.1 13.7

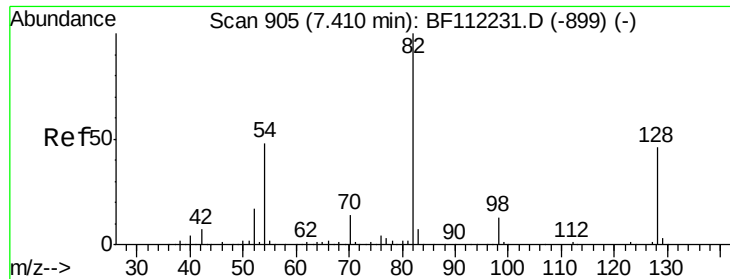
54 6.6 5.9 8.9

68 5.1 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

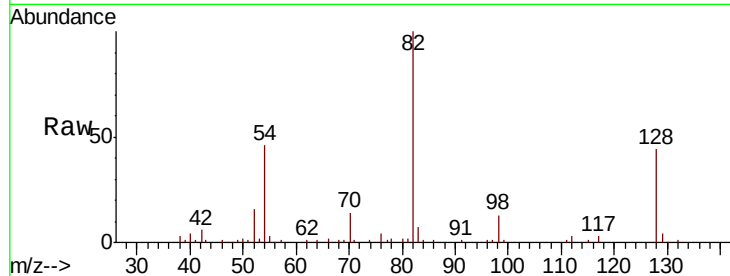




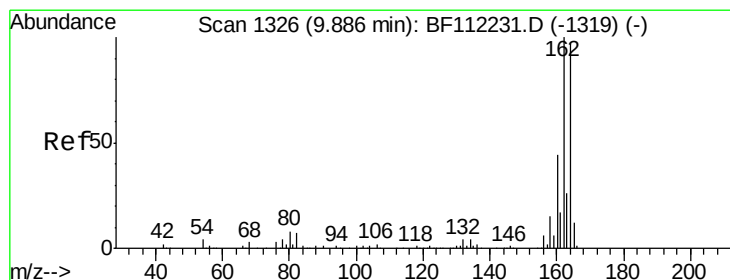
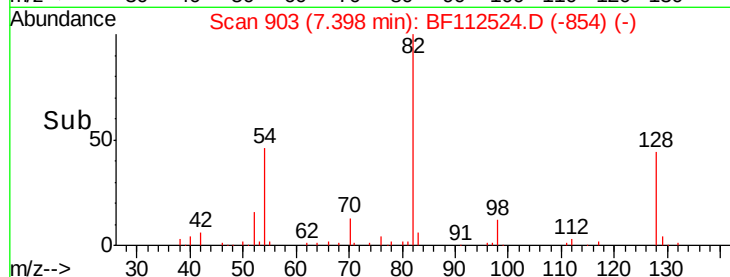
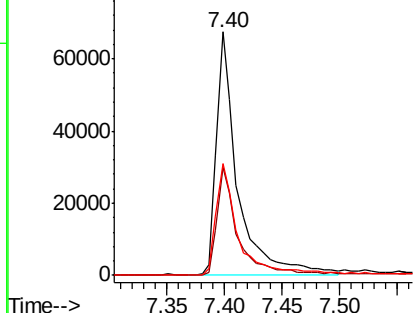
#23
 Nitrobenzene-d5
 Concen: 15.187 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112524.D
 Acq: 12 Feb 2019 23:19

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

Tot Ion: 82 Resp: 86974
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.8 56.8
 54 46.2 39.7 59.5

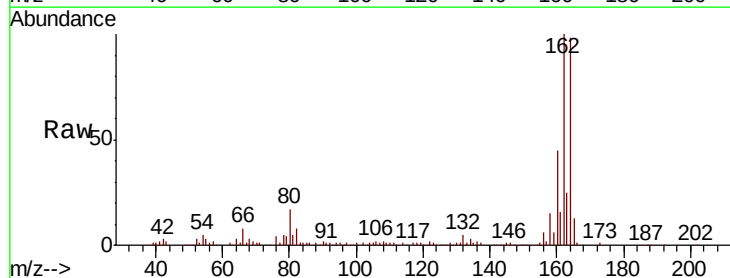


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

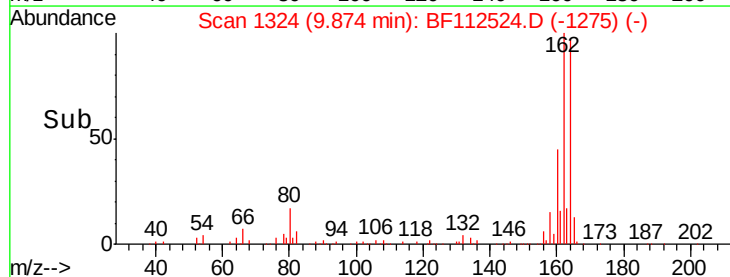
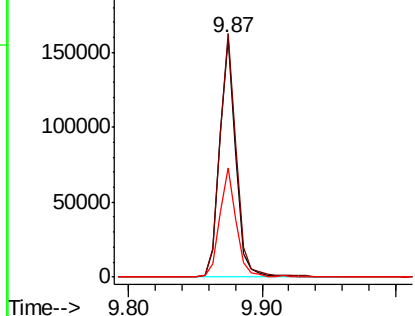


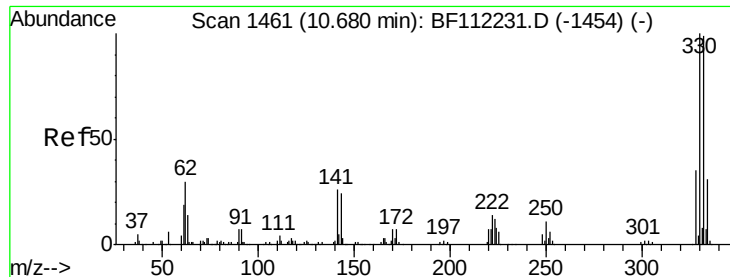
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112524.D
 Acq: 12 Feb 2019 23:19

Tgt Ion: 164 Resp: 137374
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.2 123.4
 160 45.6 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: 21.005 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112524.D

Acq: 12 Feb 2019 23:19

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-F

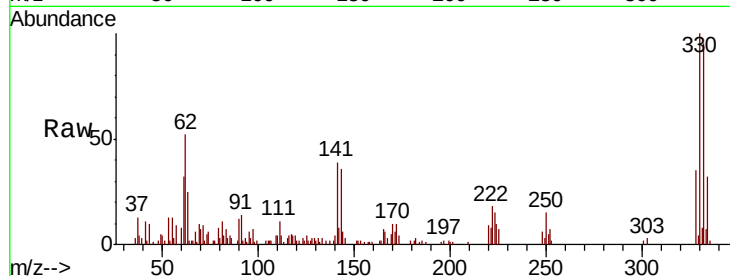
Tot Ion:330 Resp: 33587

Ion Ratio Lower Upper

330 100

332 98.3 76.6 114.8

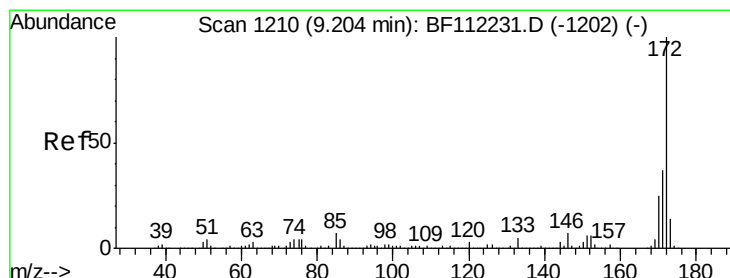
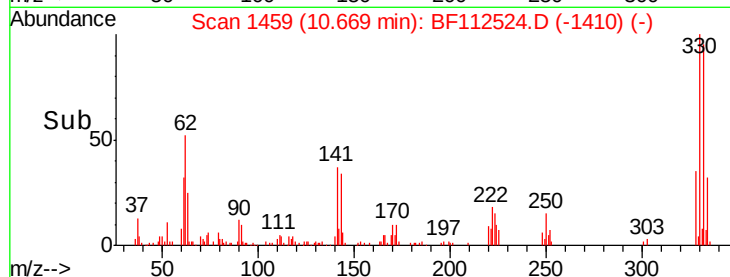
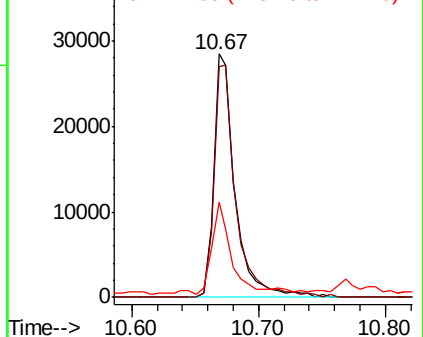
141 34.3 24.3 36.5



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: 16.648 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112524.D

Acq: 12 Feb 2019 23:19

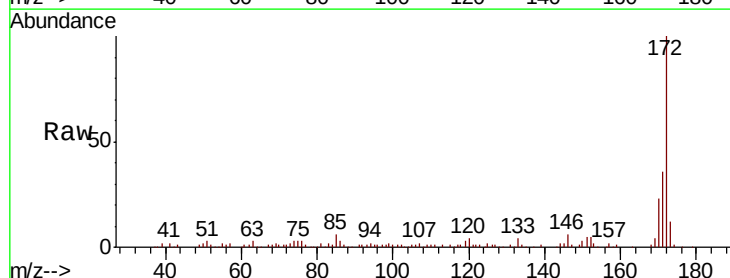
Tgt Ion:172 Resp: 161703

Ion Ratio Lower Upper

172 100

171 35.5 30.5 45.7

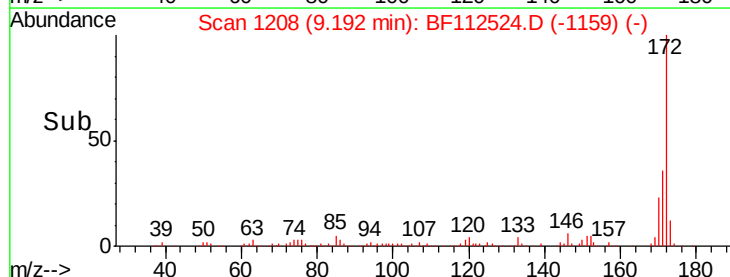
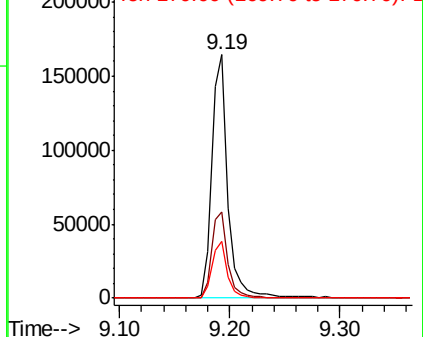
170 23.4 20.2 30.4

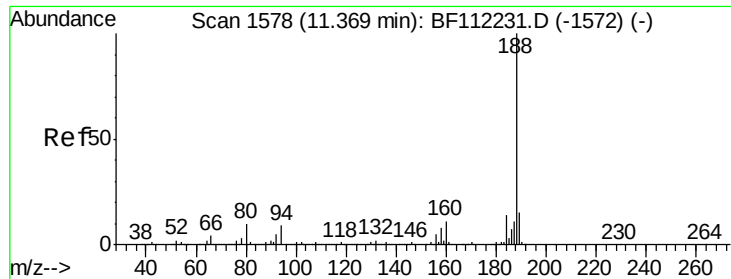


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

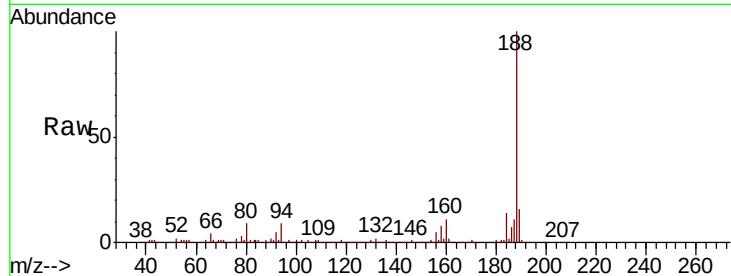




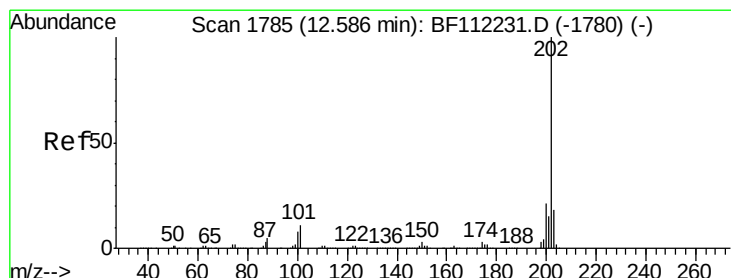
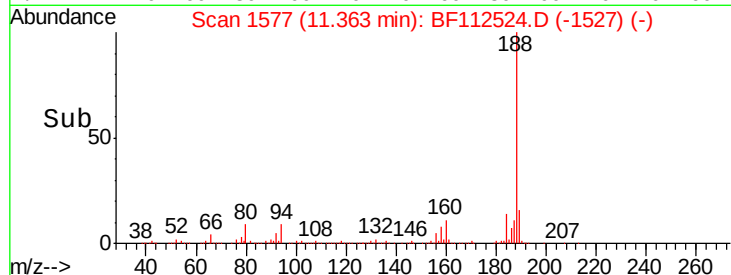
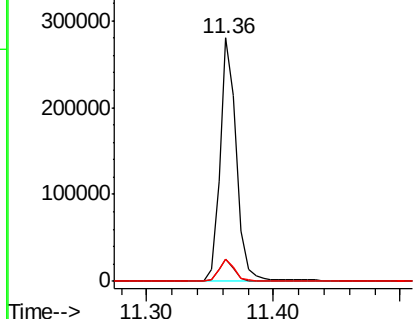
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112524.D
Acq: 12 Feb 2019 23:19

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

Tot Ion:188	Resp:	253395
Ion Ratio	Lower	Upper
188 100		
94 8.9	8.2	12.2
80 9.0	8.9	13.3

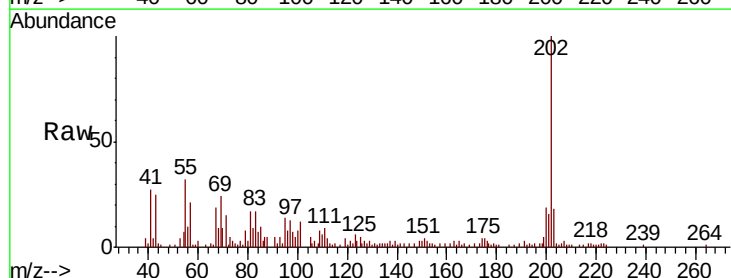


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

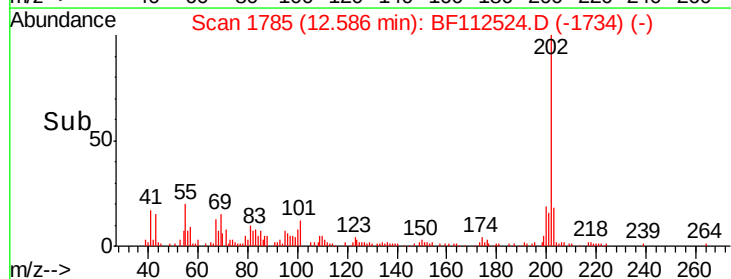
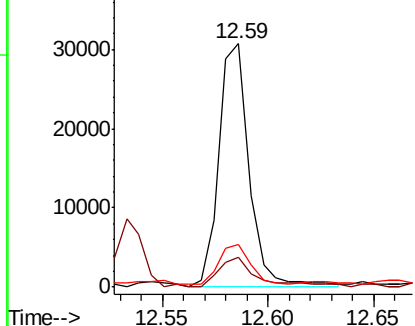


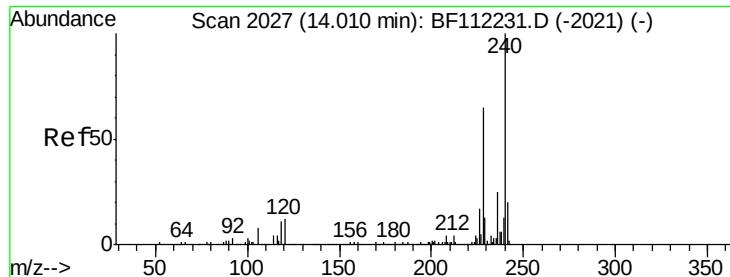
#75
Fluoranthene
Concen: 2.180 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF112524.D
Acq: 12 Feb 2019 23:19

Tgt Ion:202	Resp:	30799
Ion Ratio	Lower	Upper
202 100		
101 12.0	0.0	31.8
203 17.6	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

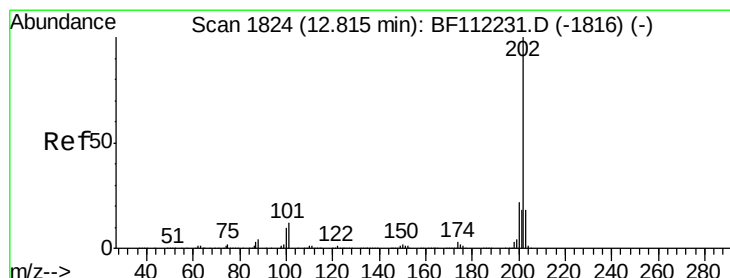
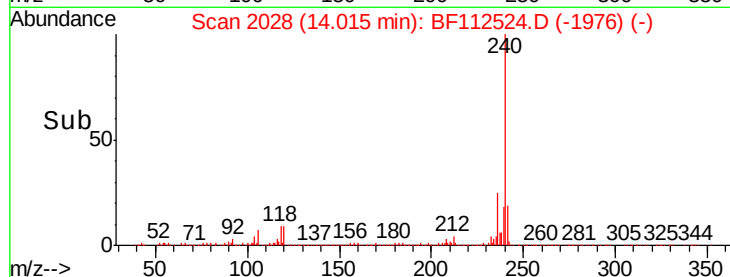
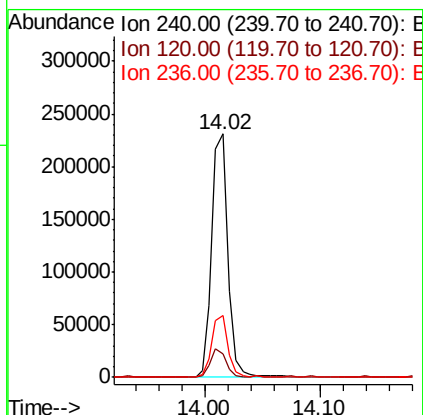
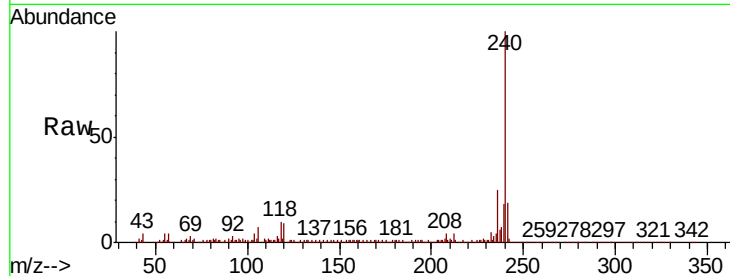




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112524.D
Acq: 12 Feb 2019 23:19

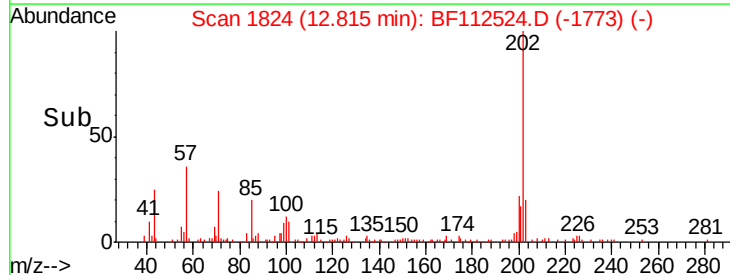
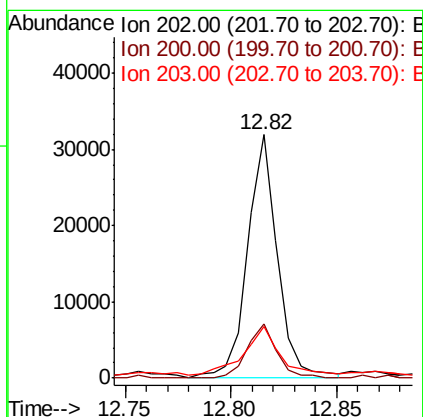
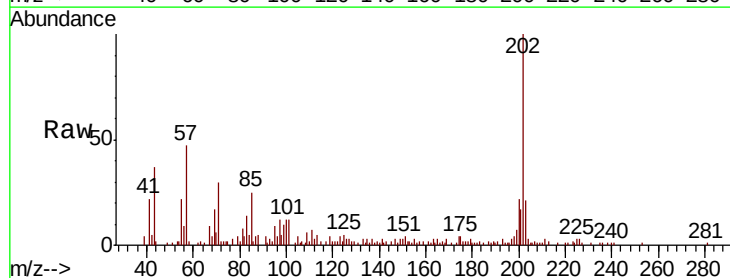
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BNA_F
ClientSampleId :
JC-02-021119-F

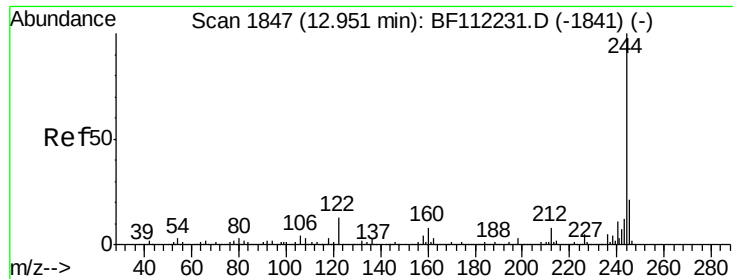
Tot Ion:240 Resp: 223995
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.5 20.7 31.1



#78
Pyrene
Concen: 2.036 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF112524.D
Acq: 12 Feb 2019 23:19

Tgt Ion:202 Resp: 31573
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 21.0 14.6 22.0





#79

Terphenyl-d14

Concen: 14.110 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112524.D

Acq: 12 Feb 2019 23:19

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-F

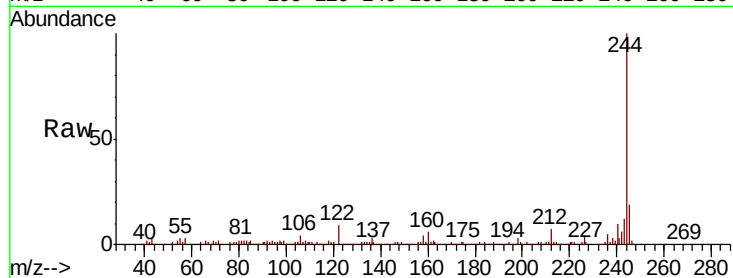
Tot Ion:244 Resp: 167811

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

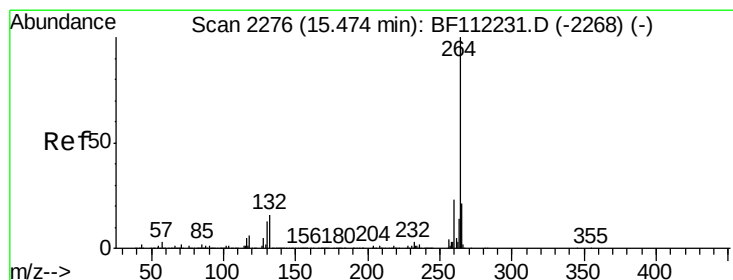
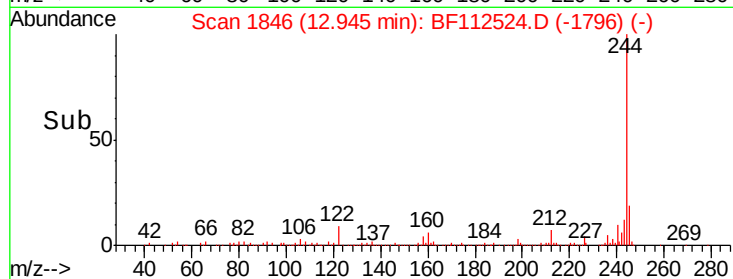
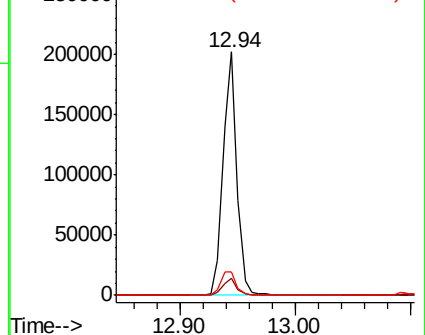
122 9.4 9.8 14.6#



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF112524.D

Acq: 12 Feb 2019 23:19

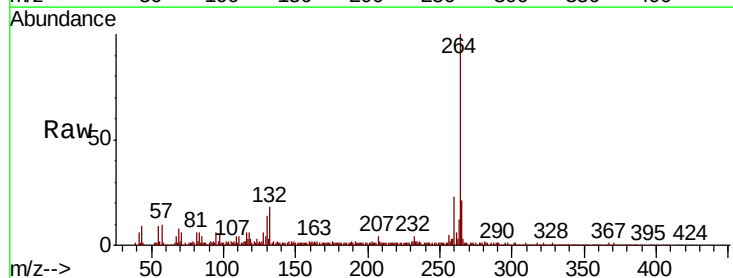
Tgt Ion:264 Resp: 174875

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.1 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

