

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112381.D
 Acq On : 4 Feb 2019 15:46
 Operator : JU/SJ
 Sample : K1360-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Quant Time: Feb 05 01:02:41 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

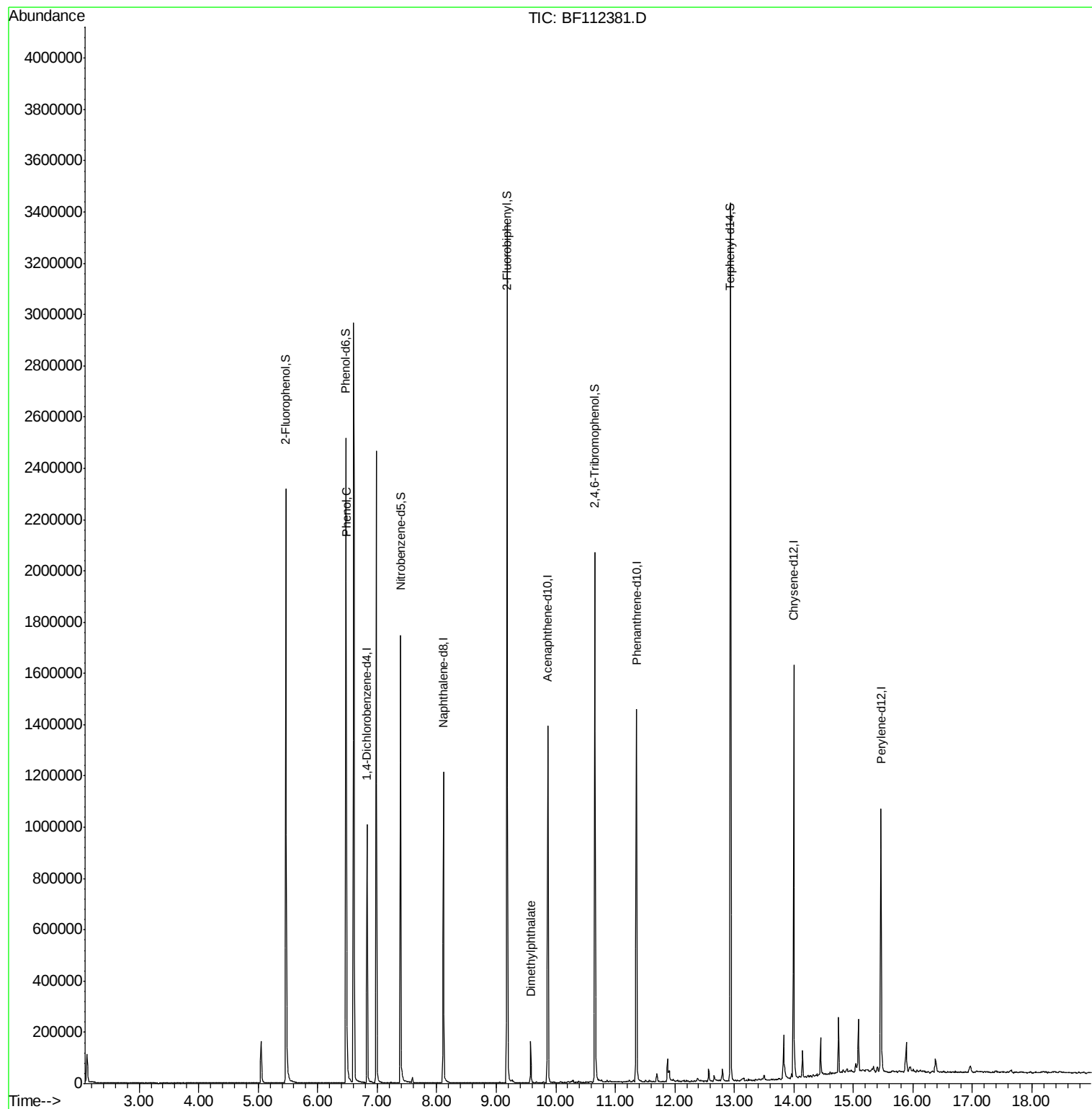
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	154334	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	600101	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	300646	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	596779	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	531391	20.00	ng	-0.01
87) Perylene-d12	15.46	264	404968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	696361	95.84	ng	-0.01
7) Phenol-d6	6.47	99	882577	87.41	ng	-0.02
23) Nitrobenzene-d5	7.39	82	546039	52.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	270982	77.44	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1055033	49.63	ng	-0.02
79) Terphenyl-d14	12.94	244	1213817	43.02	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	22214	2.005	ng	90
50) Dimethylphthalate	9.58	163	70561	3.021	ng	99

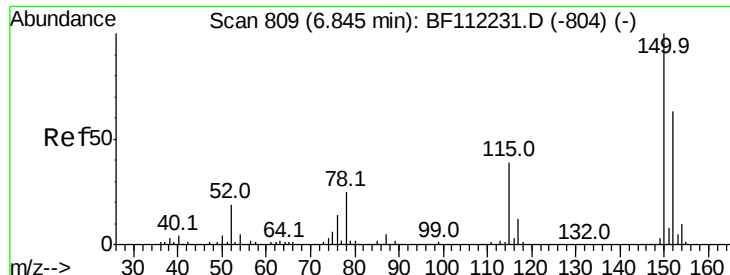
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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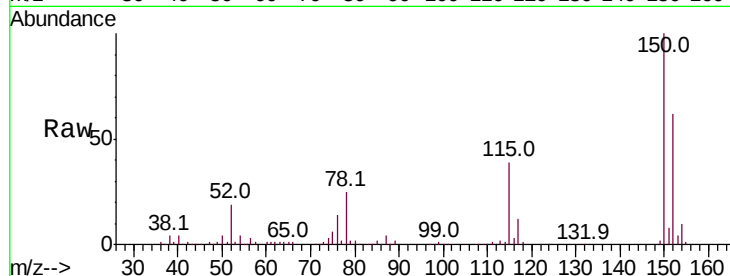


#1

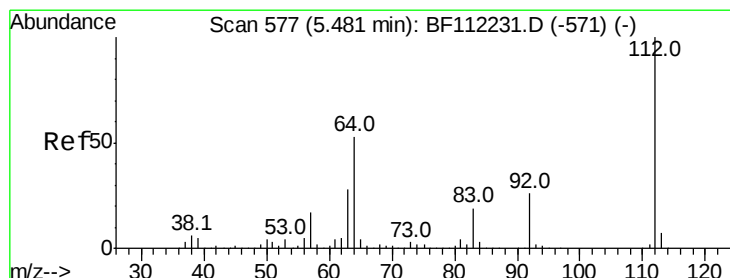
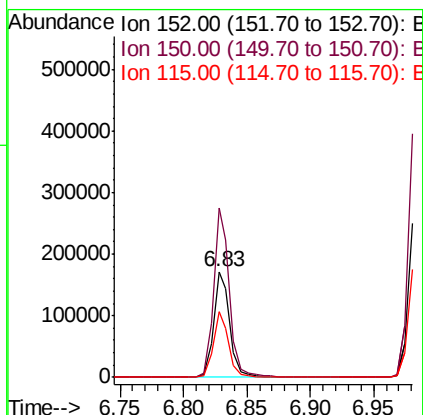
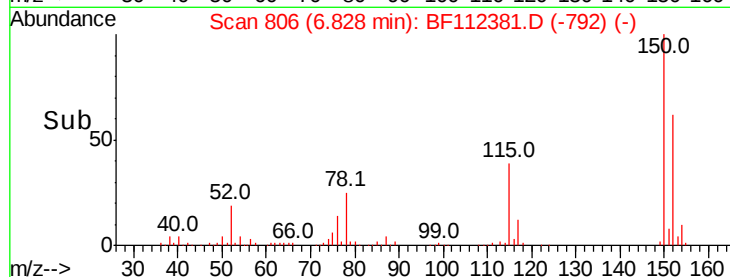
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tot Ion:152 Resp: 154334
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.0
115 62.3 45.5 68.3



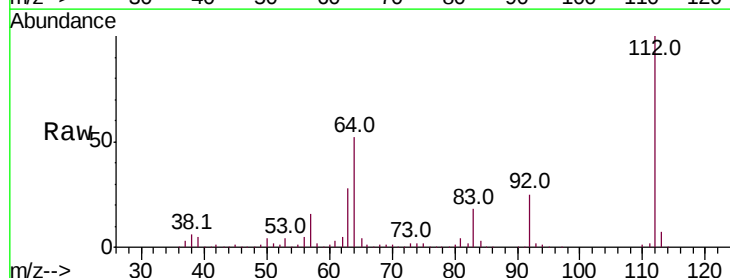
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



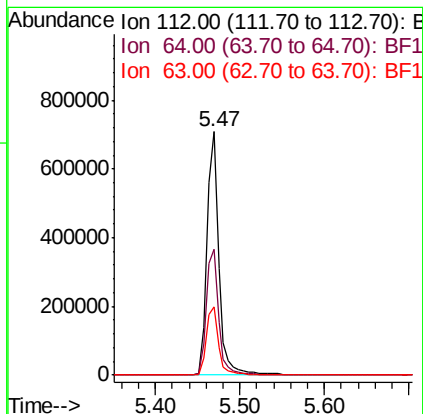
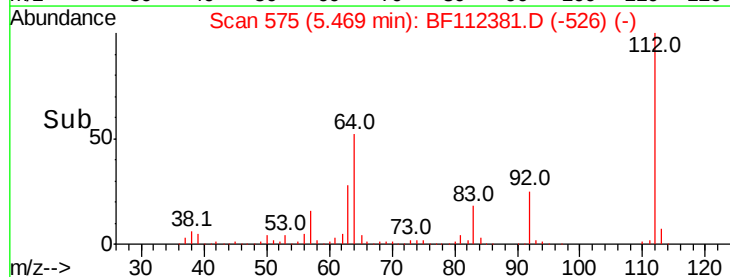
#5

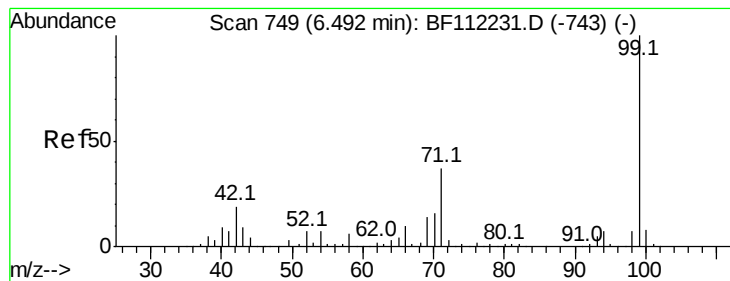
2-Fluorophenol
Concen: 95.839 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:112 Resp: 696361
Ion Ratio Lower Upper
112 100
64 51.5 45.7 68.5
63 28.0 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: 87.415 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

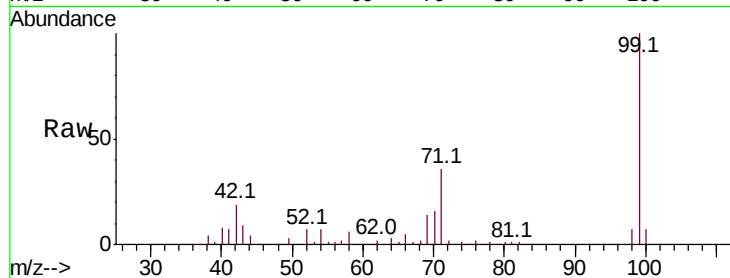
Tot Ion: 99 Resp: 882577

Ion Ratio Lower Upper

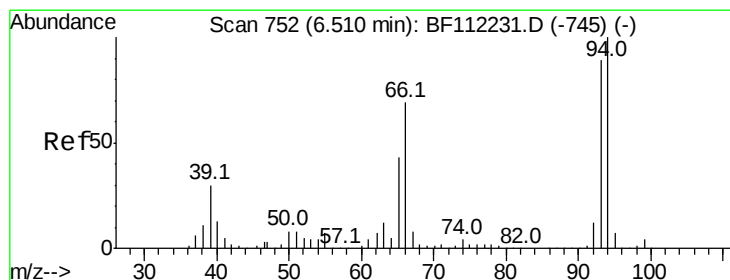
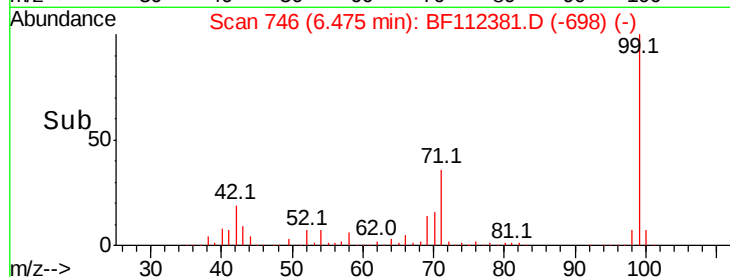
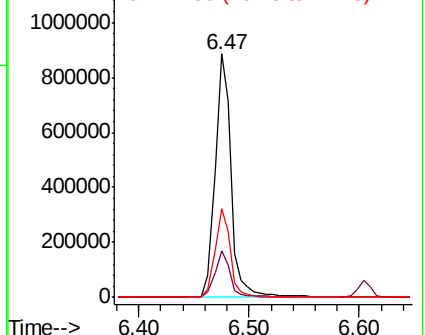
99 100

42 19.3 15.1 22.7

71 36.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1
800000
600000
400000
200000
0



#10

Phenol

Concen: 2.005 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

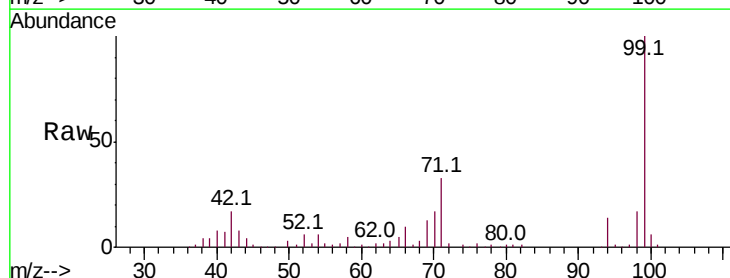
Tgt Ion: 94 Resp: 22214

Ion Ratio Lower Upper

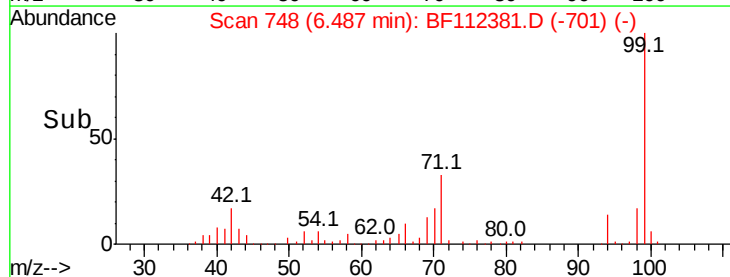
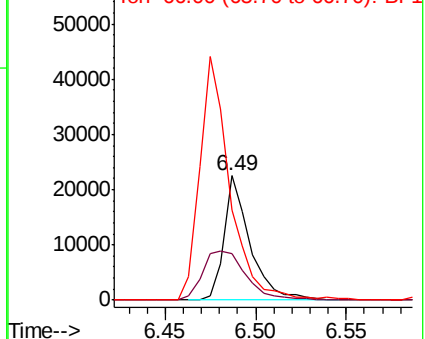
94 100

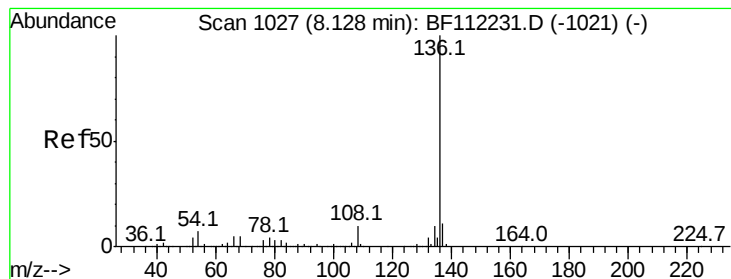
65 37.1 20.3 60.3

66 72.1 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
60000
Ion 65.00 (64.70 to 65.70): BF1
50000
Ion 66.00 (65.70 to 66.70): BF1
40000
30000
20000
10000
0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

Tot Ion:136 Resp: 600101

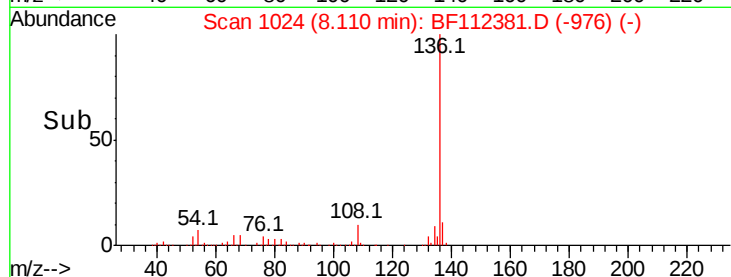
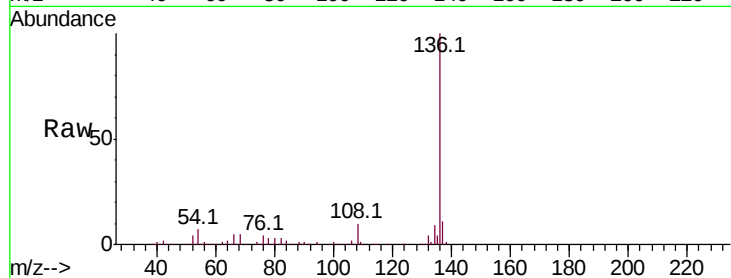
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.8 5.9 8.9

68 5.3 5.1 7.7

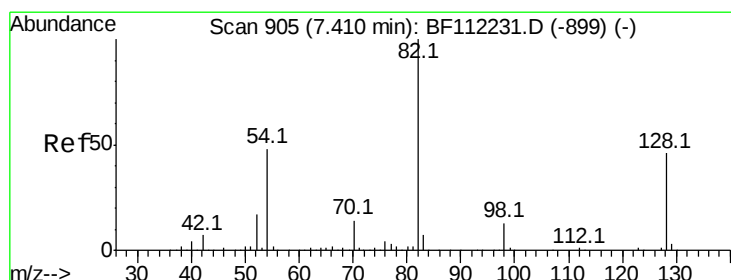
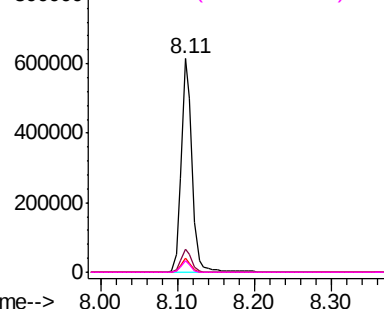


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.429 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

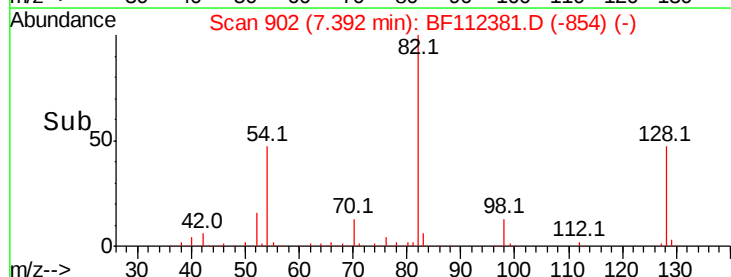
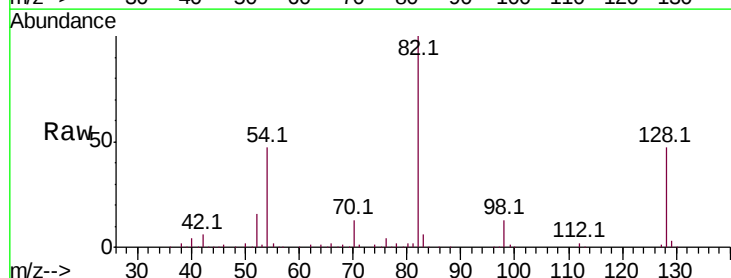
Tgt Ion: 82 Resp: 546039

Ion Ratio Lower Upper

82 100

128 47.2 37.8 56.8

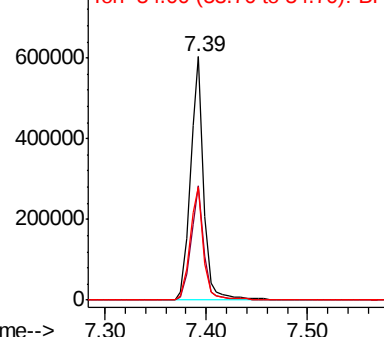
54 46.5 39.7 59.5

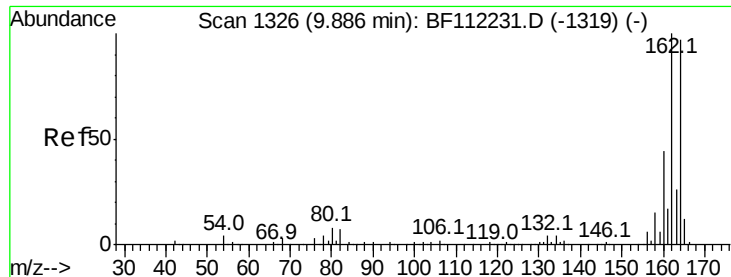


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

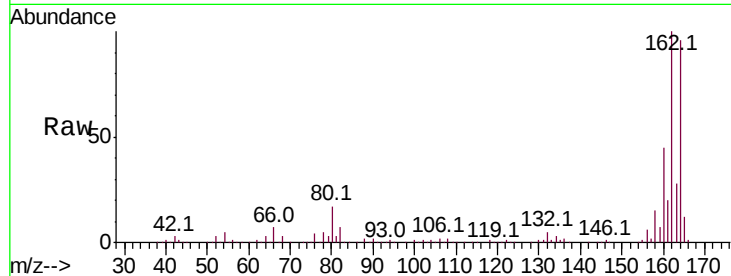




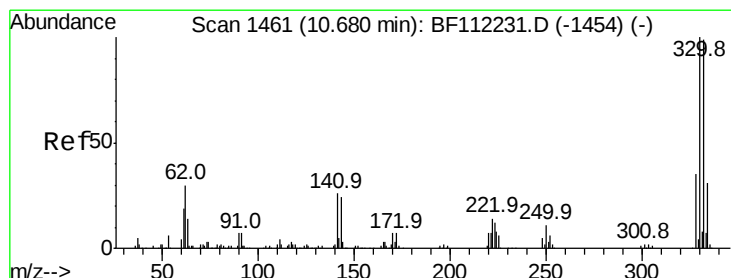
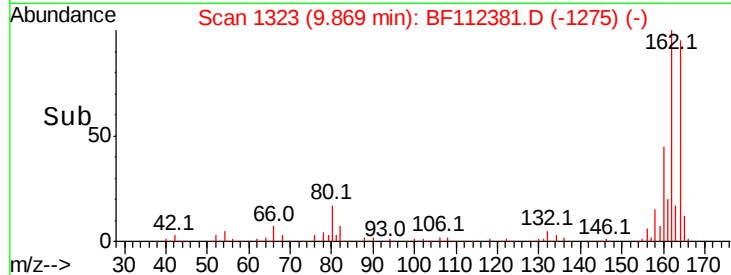
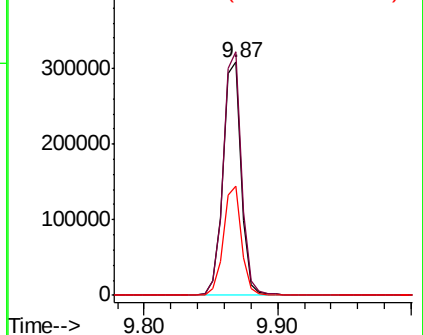
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112381.D
 Acq: 4 Feb 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tot Ion:164 Resp: 300646
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.2 123.4
 160 46.7 36.2 54.4

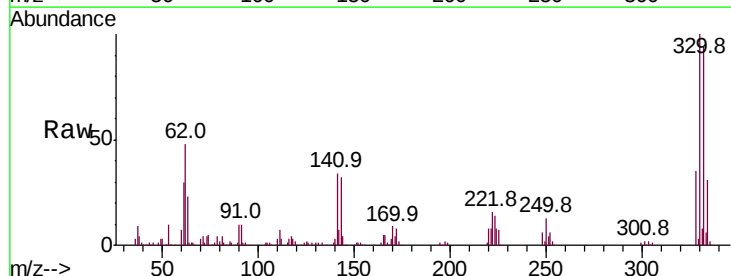


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

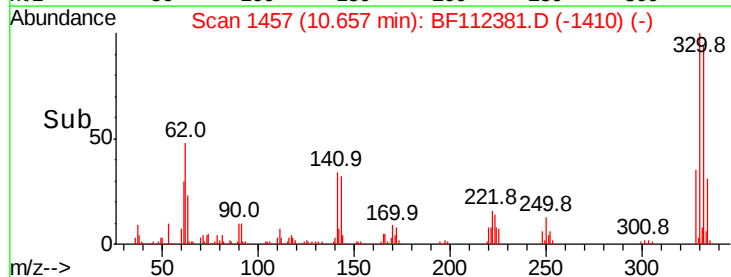
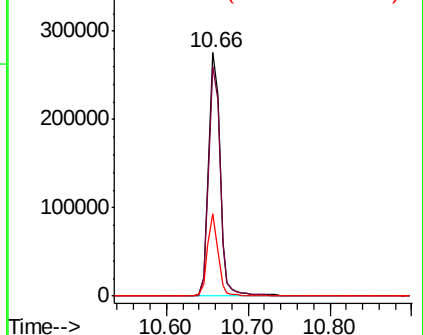


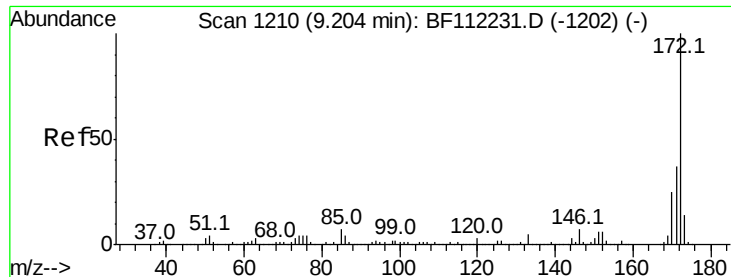
#42
 2,4,6-Tribromophenol
 Concen: 77.436 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112381.D
 Acq: 4 Feb 2019 15:46

Tgt Ion:330 Resp: 270982
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 31.3 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



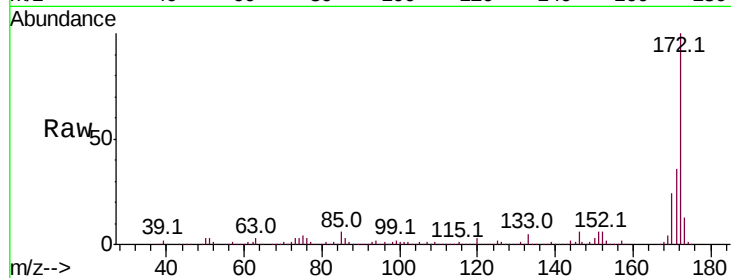


#45
 2-Fluorobiphenyl
 Concen: 49.632 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112381.D
 Acq: 4 Feb 2019 15:46

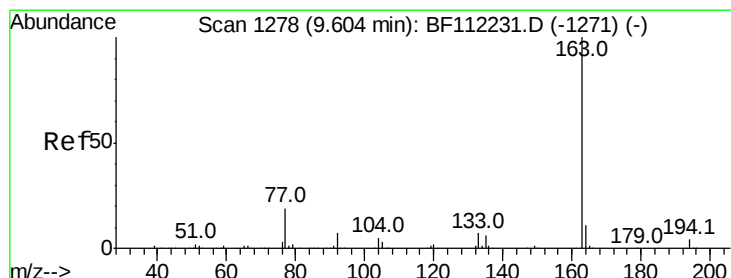
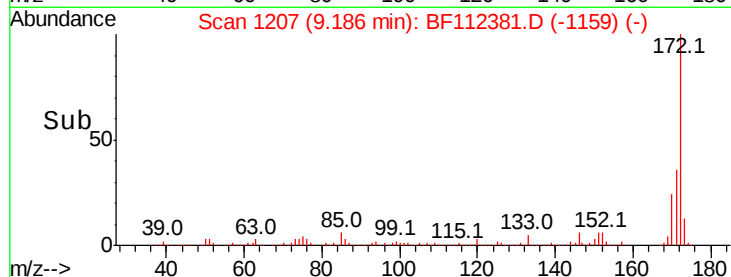
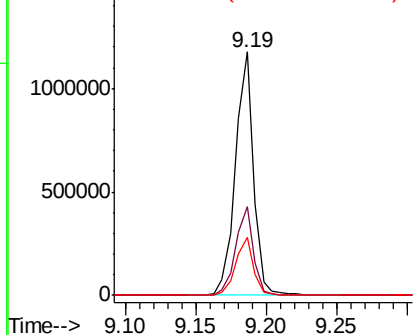
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tot Ion:172 Resp: 1055033

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.8	20.2	30.4



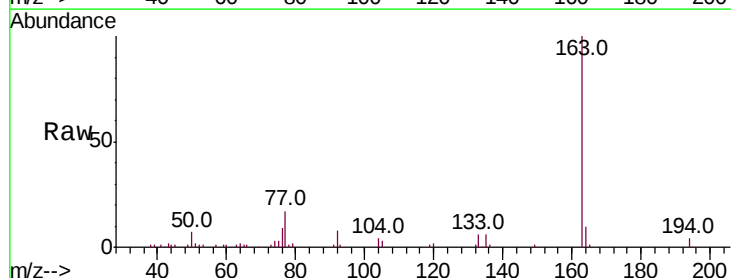
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



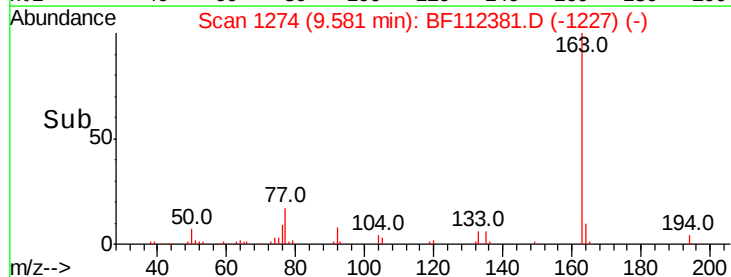
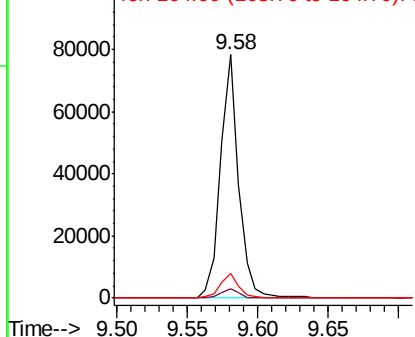
#50
 Dimethylphthalate
 Concen: 3.021 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112381.D
 Acq: 4 Feb 2019 15:46

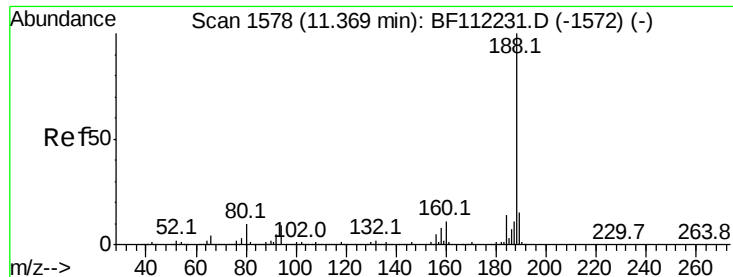
Tgt Ion:163 Resp: 70561

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	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

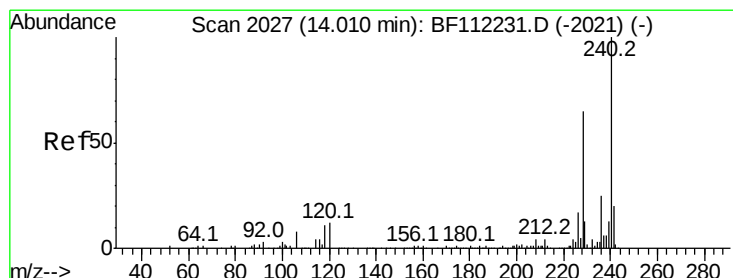
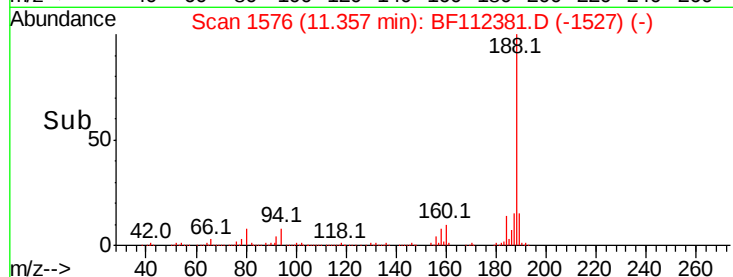
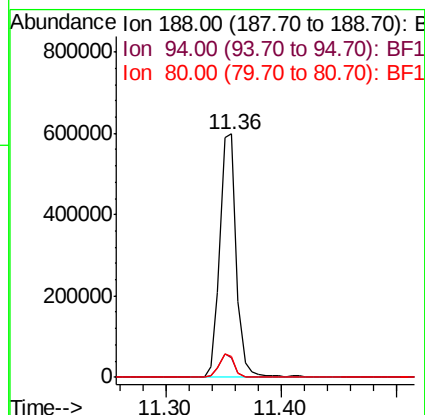
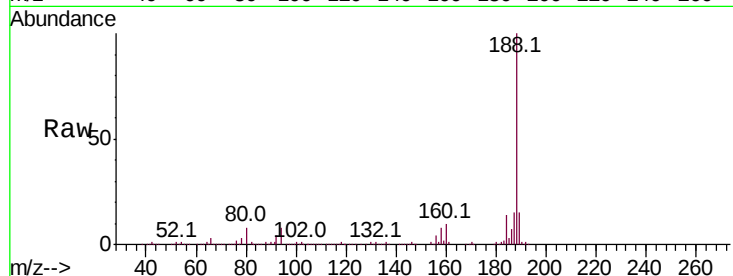




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

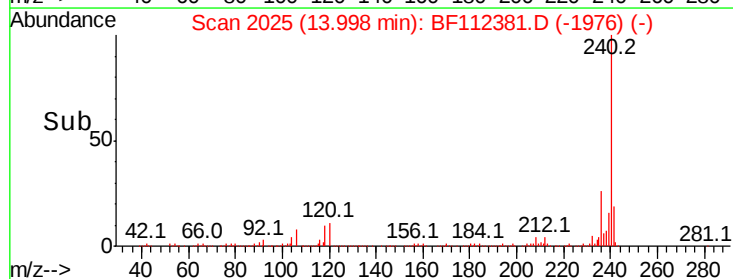
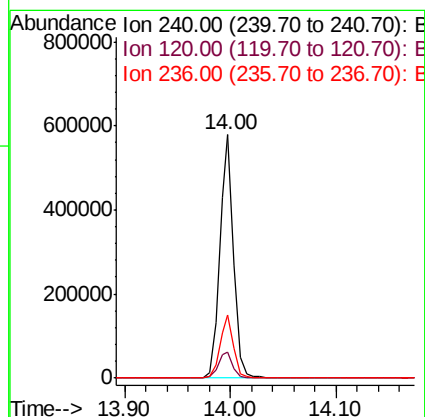
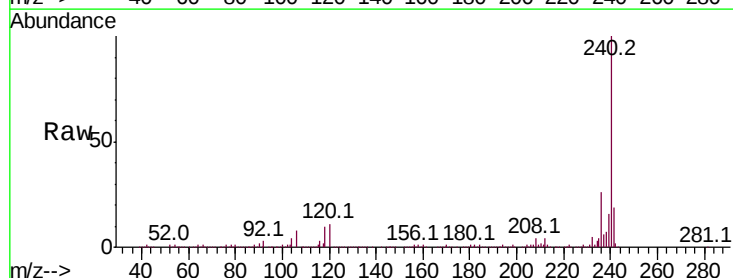
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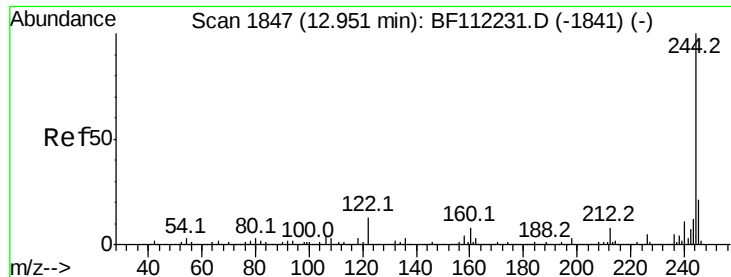
Tot Ion:188 Resp: 596779
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.4 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:240 Resp: 531391
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 43.022 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

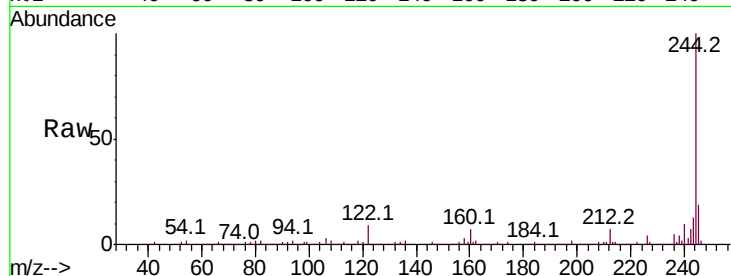
Tot Ion:244 Resp: 1213817

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

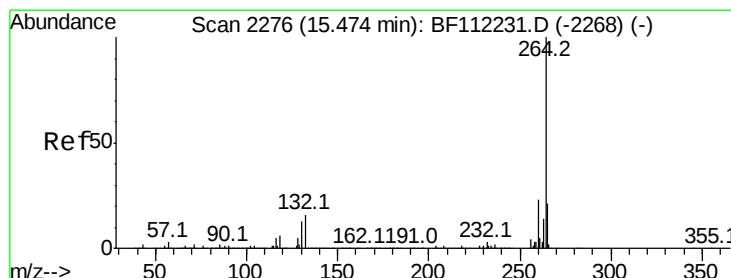
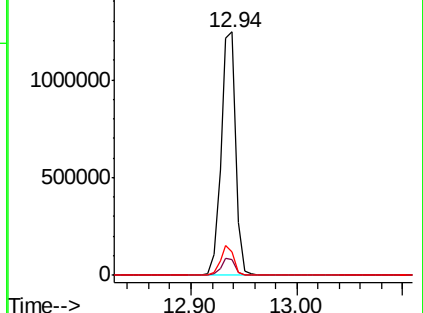
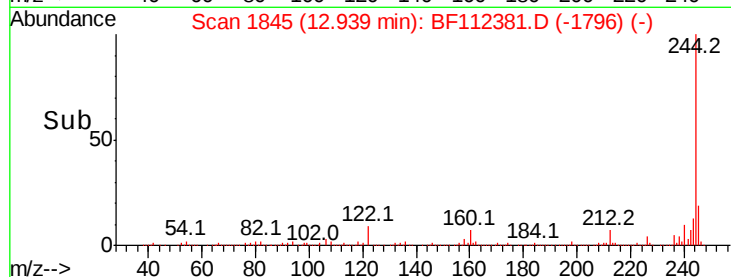
122 9.5 9.8 14.6#



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

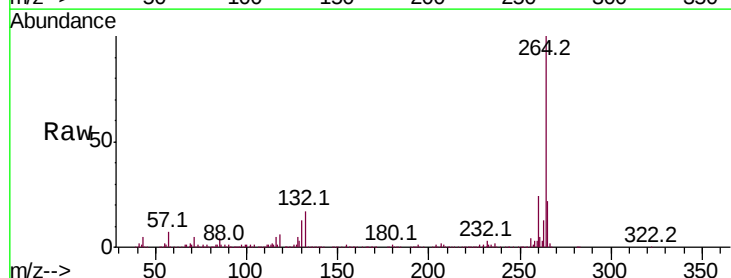
Tgt Ion:264 Resp: 404968

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 22.5 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

