

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112627.D
 Acq On : 19 Feb 2019 18:08
 Operator : JU/SJ
 Sample : K1515-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-8

Quant Time: Feb 20 03:33:52 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

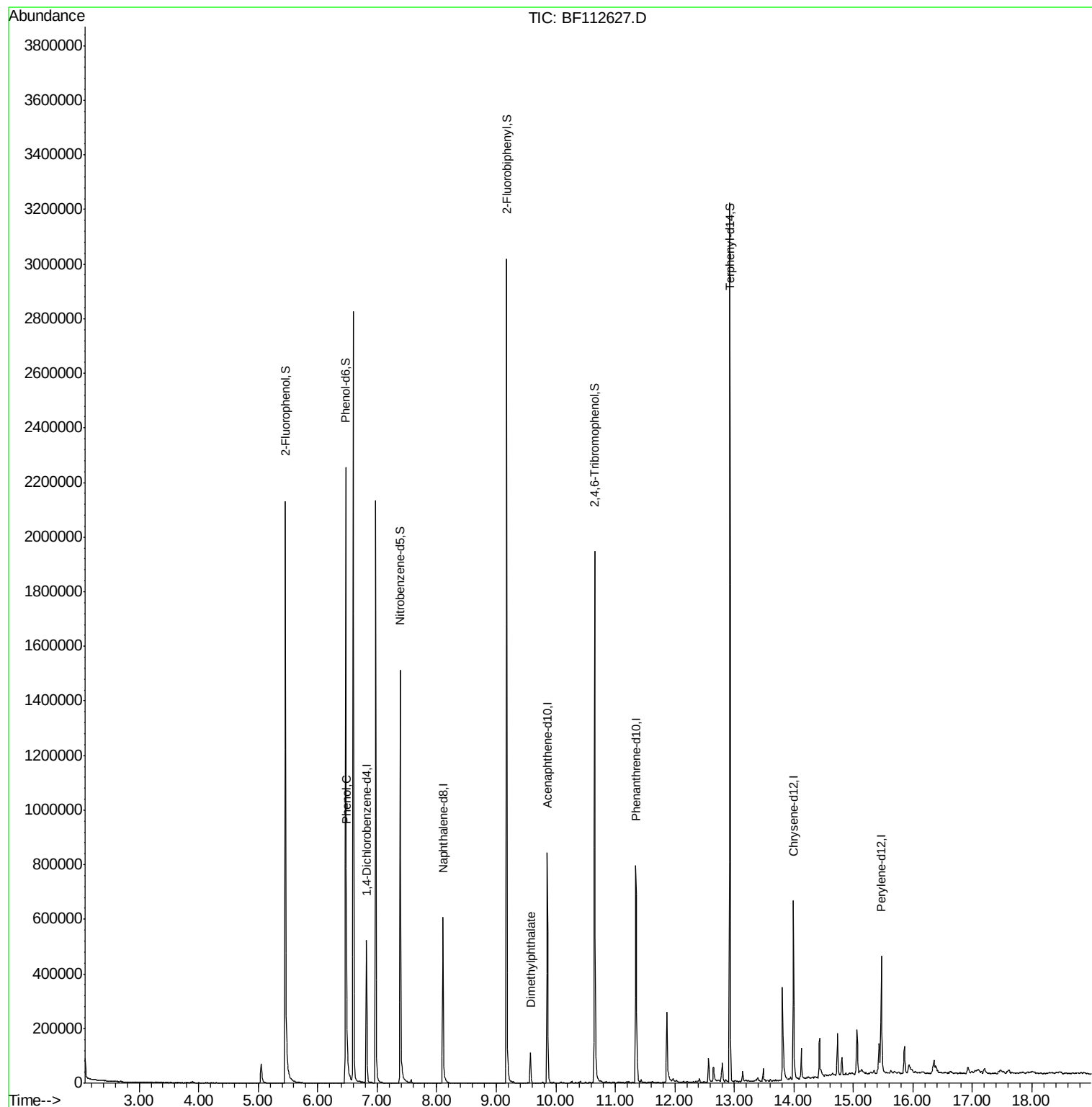
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85998	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	334129	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	164711	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	325483	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	244782	20.00	ng	-0.01
87) Perylene-d12	15.47	264	209525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	653193	161.33	ng	-0.02
7) Phenol-d6	6.47	99	821125	145.95	ng	-0.02
23) Nitrobenzene-d5	7.39	82	527906	91.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	267197	139.37	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	987176	84.77	ng	-0.03
79) Terphenyl-d14	12.93	244	1045879	80.47	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	17569	2.846	ng	Qvalue 89
50) Dimethylphthalate	9.57	163	57646	4.505	ng	# 95

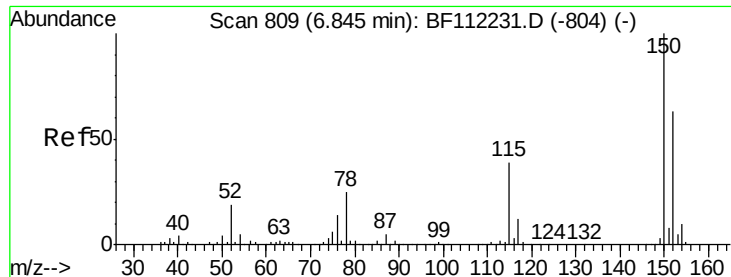
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

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ClientSampleId :

TS-8

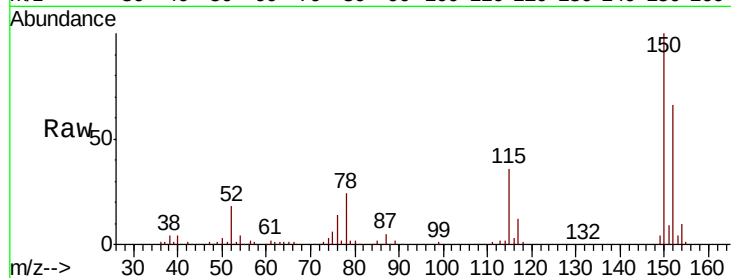
Tot Ion:152 Resp: 85998

Ion Ratio Lower Upper

152 100

150 151.5 127.4 191.0

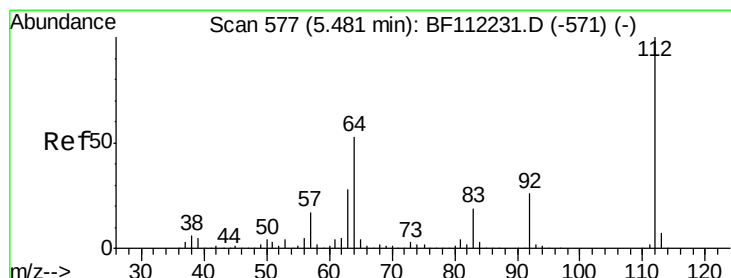
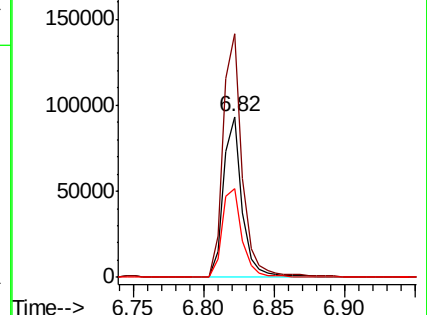
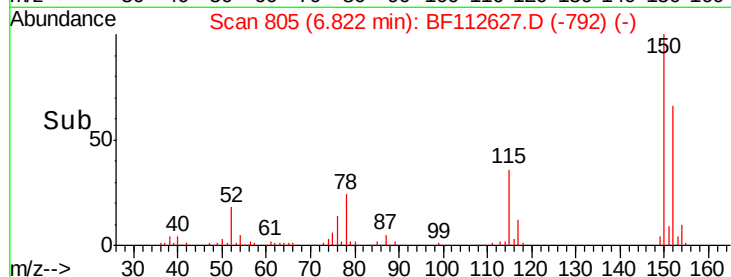
115 55.2 45.5 68.3



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: 161.332 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

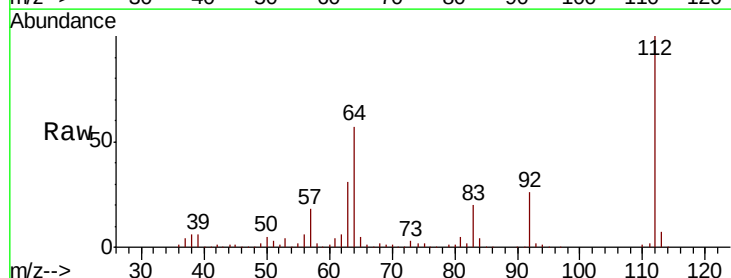
Tgt Ion:112 Resp: 653193

Ion Ratio Lower Upper

112 100

64 56.7 45.7 68.5

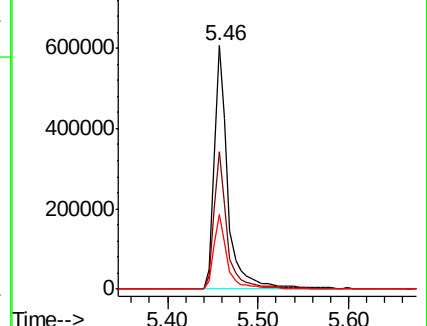
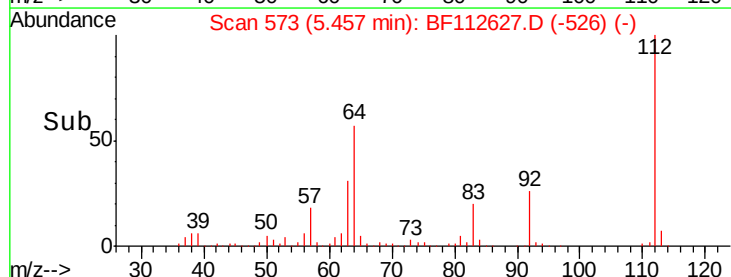
63 30.9 23.6 35.4

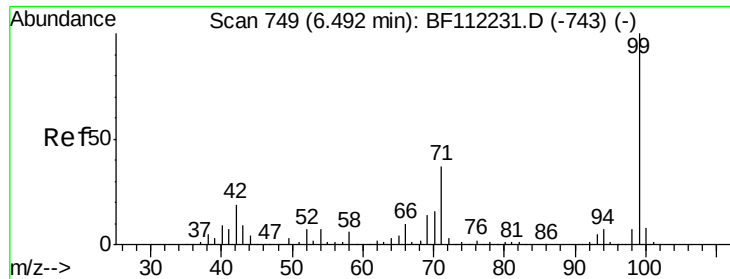


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 145.953 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

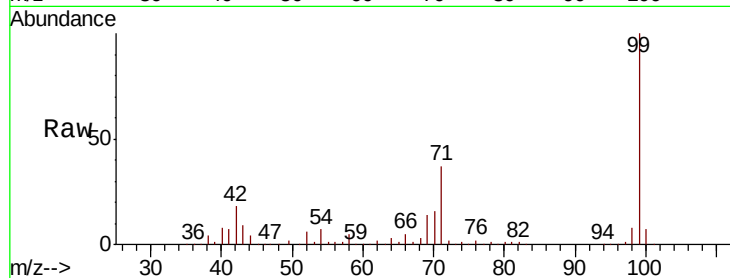
Tot Ion: 99 Resp: 821125

Ion Ratio Lower Upper

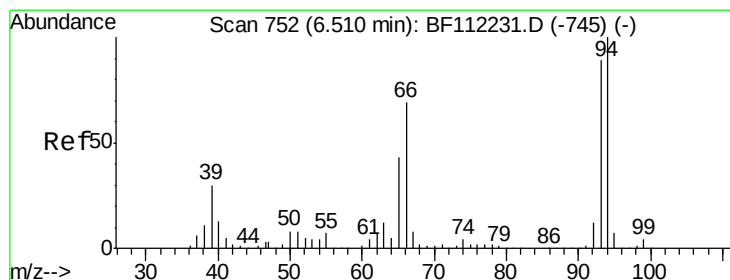
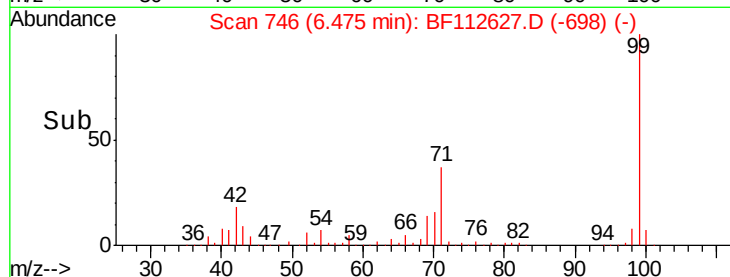
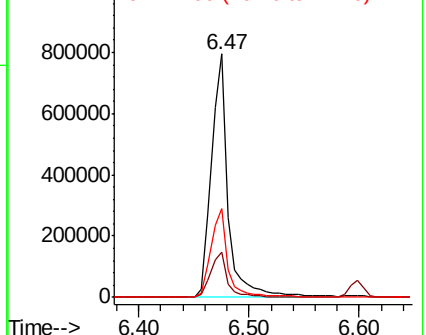
99 100

42 18.4 15.1 22.7

71 36.7 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



#10

Phenol

Concen: 2.846 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

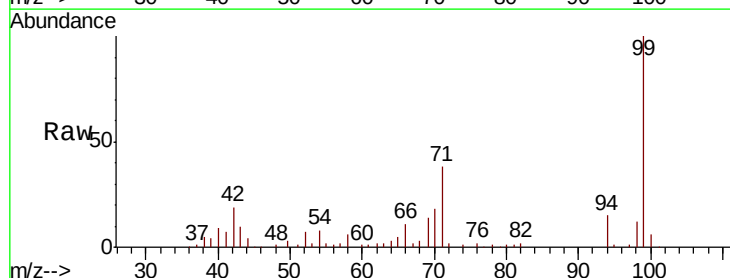
Tgt Ion: 94 Resp: 17569

Ion Ratio Lower Upper

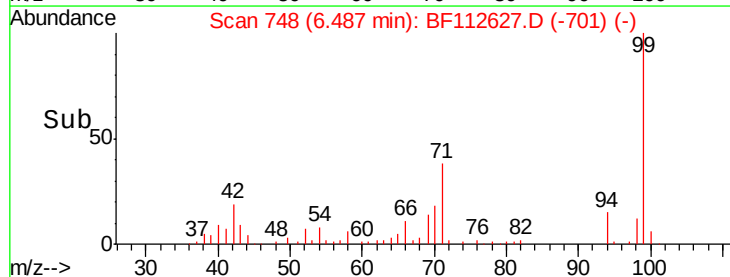
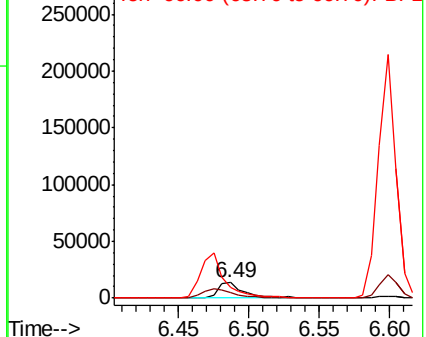
94 100

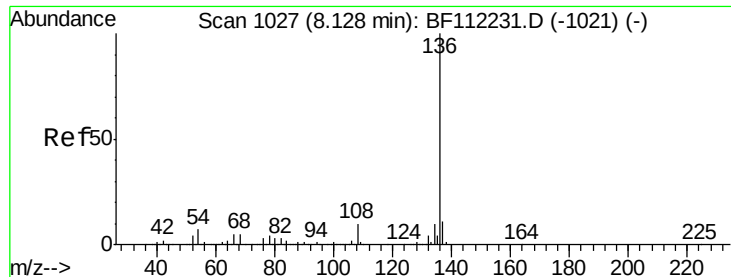
65 33.5 20.3 60.3

66 71.2 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

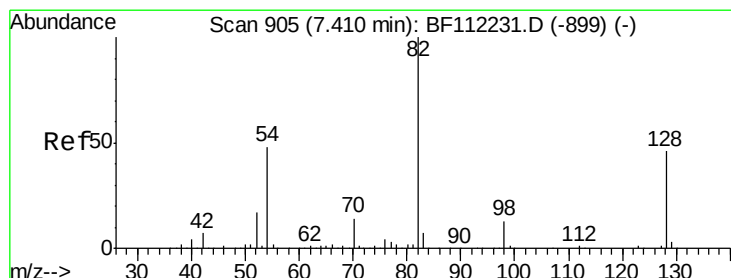
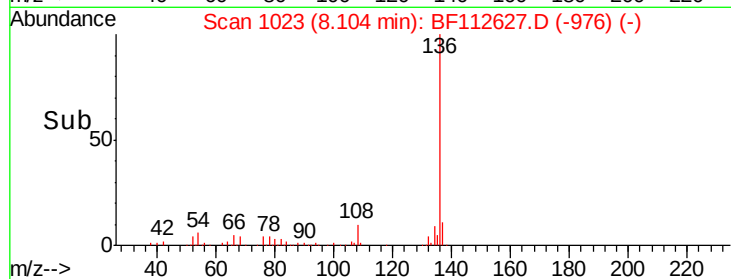
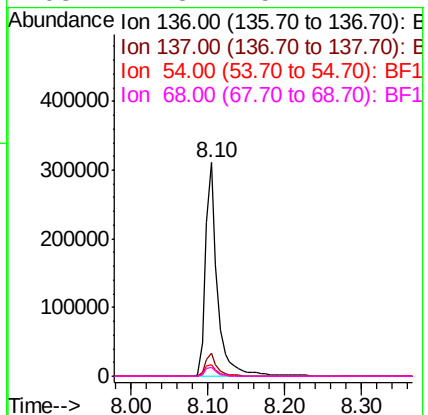
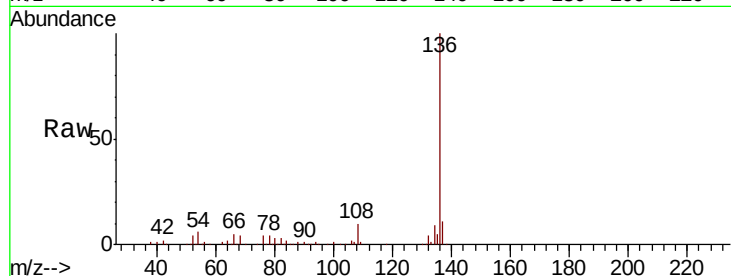




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

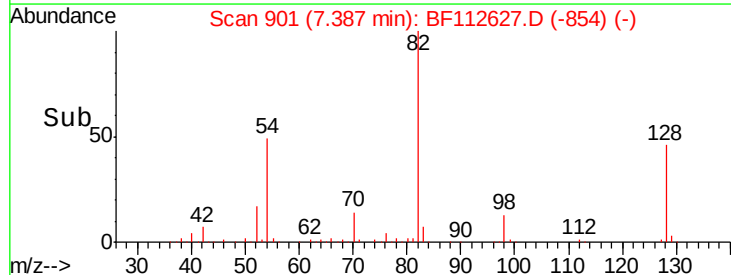
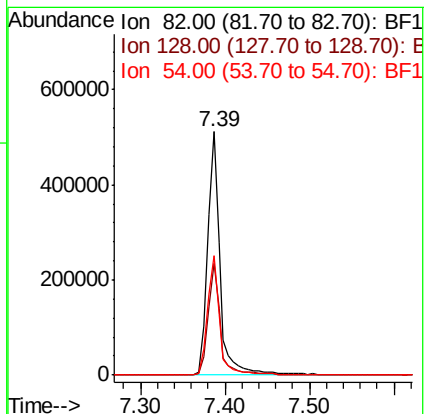
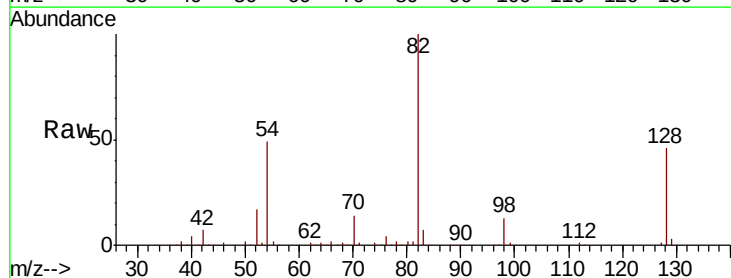
Instrument :
BNA_F
ClientSampleId :
TS-8

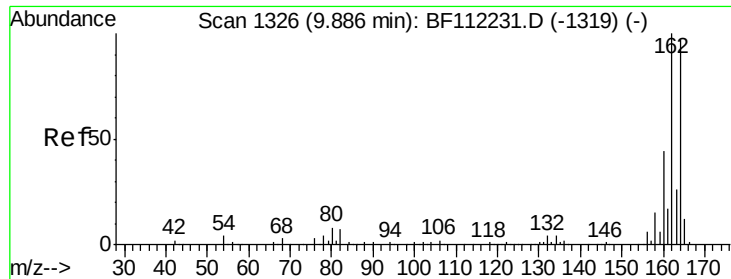
Tot Ion:136	Resp:	334129
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	5.6	5.9 8.9#
68	4.3	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 91.036 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

Tgt Ion: 82	Resp:	527906
Ion Ratio	Lower	Upper
82	100	
128	45.7	37.8 56.8
54	48.9	39.7 59.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

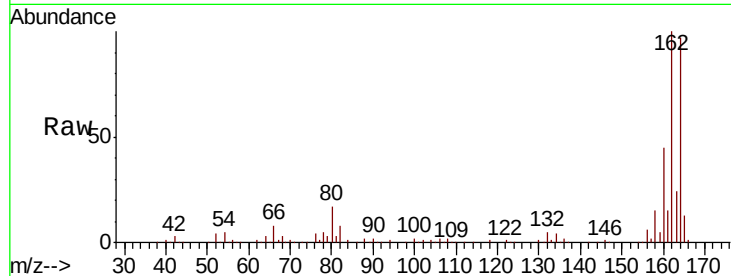
Tot Ion:164 Resp: 164711

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.4

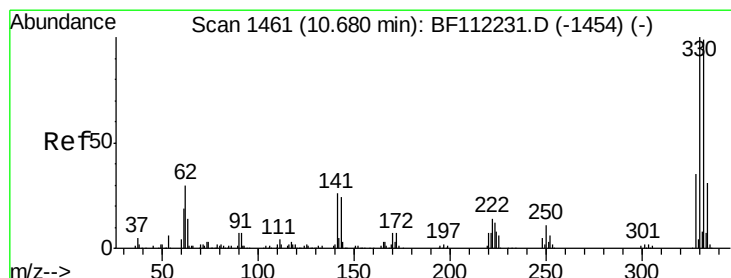
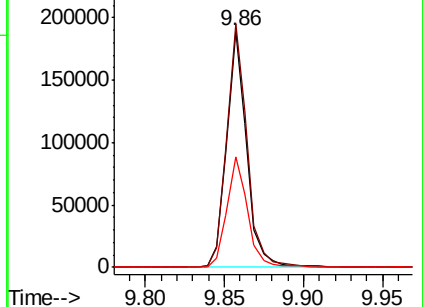
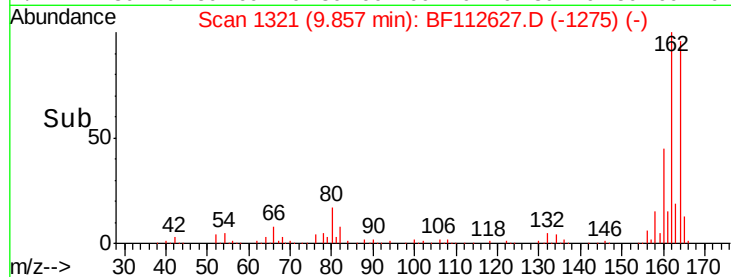
160 46.7 36.2 54.4



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: 139.369 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

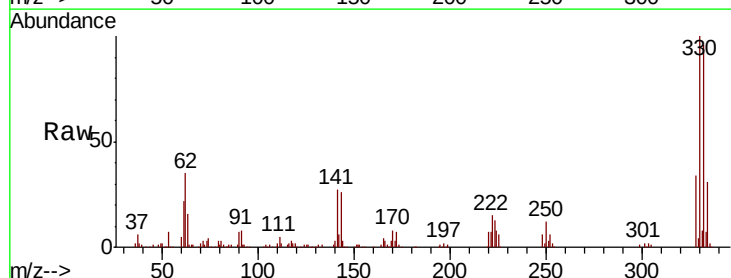
Tgt Ion:330 Resp: 267197

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

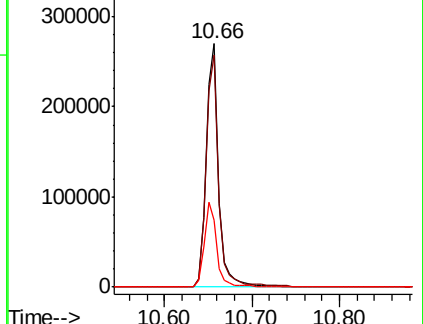
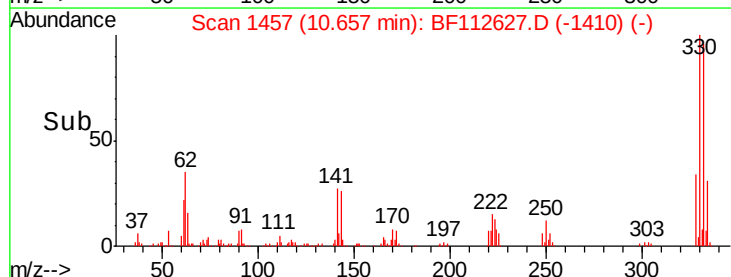
141 35.0 24.3 36.5

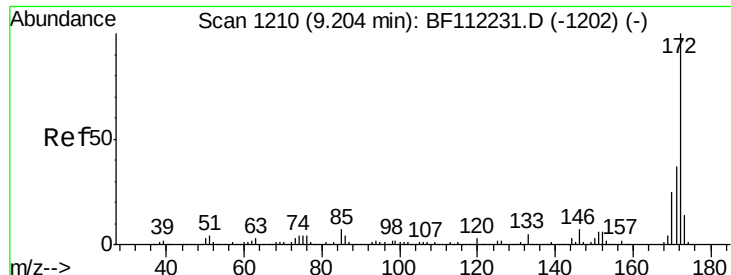


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

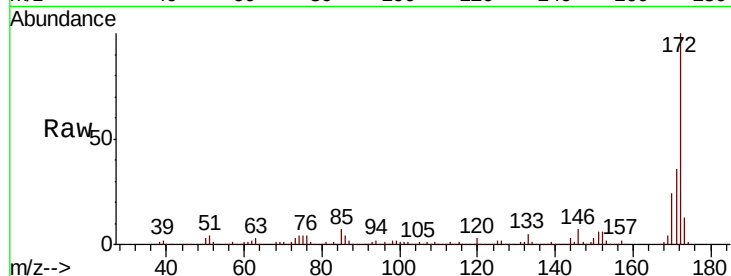




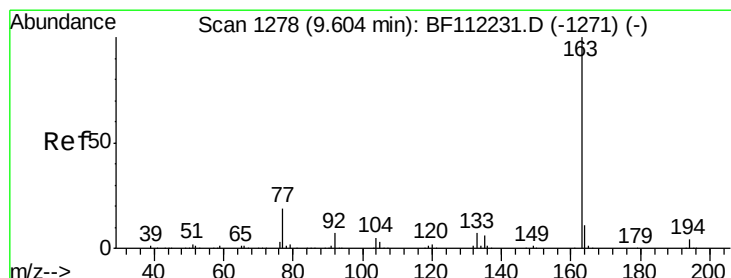
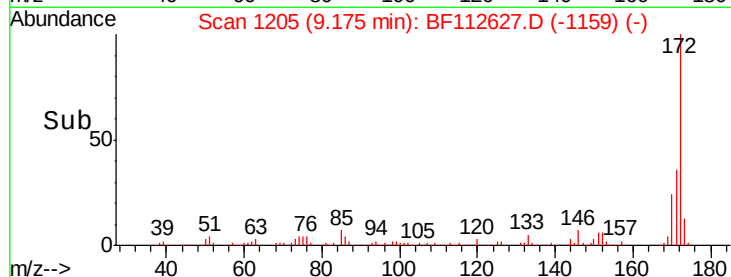
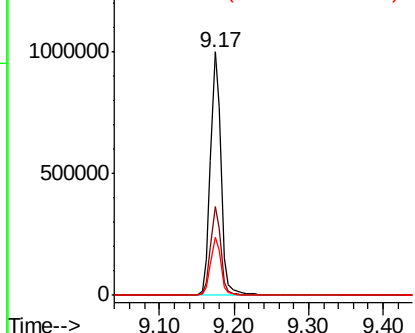
#45
2-Fluorobiphenyl
Concen: 84.767 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

Instrument :
BNA_F
ClientSampled :
TS-8

Tot Ion:172 Resp: 987176
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.9 20.2 30.4

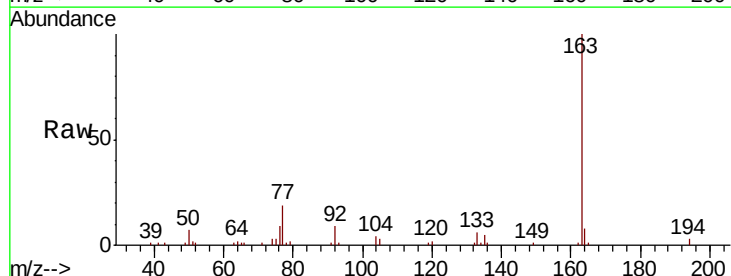


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

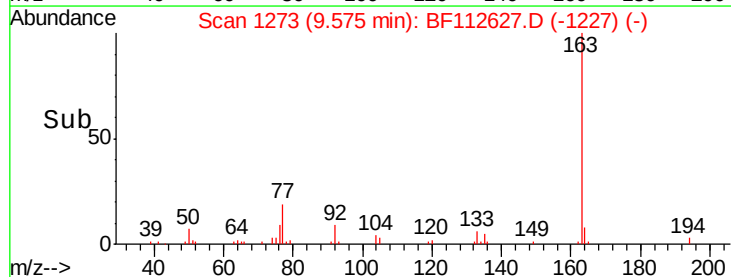
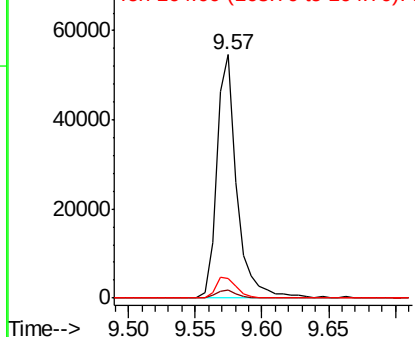


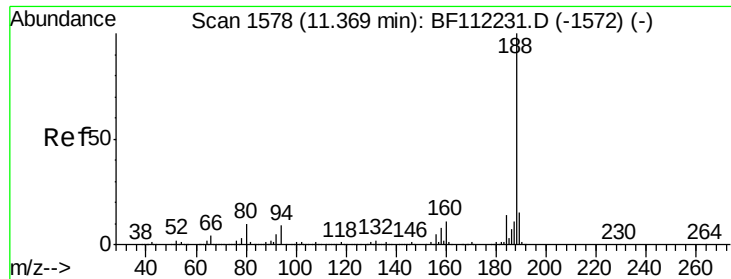
#50
Dimethylphthalate
Concen: 4.505 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

Tgt Ion:163 Resp: 57646
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 8.3 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: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

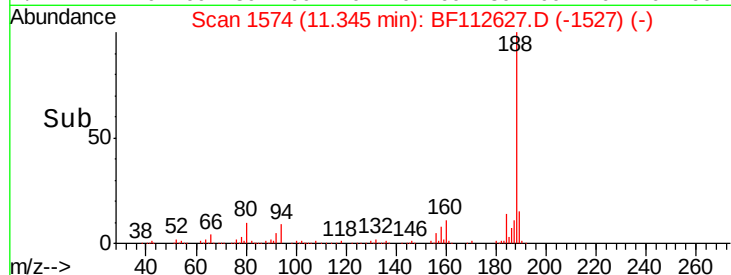
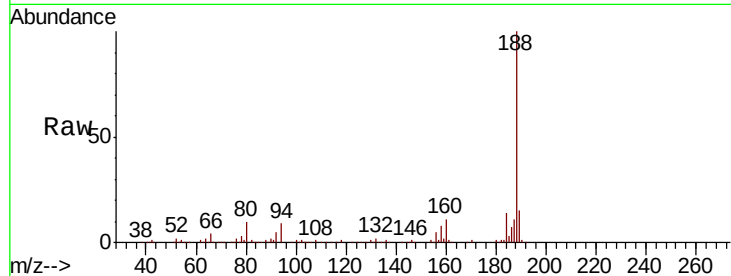
Tot Ion:188 Resp: 325483

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

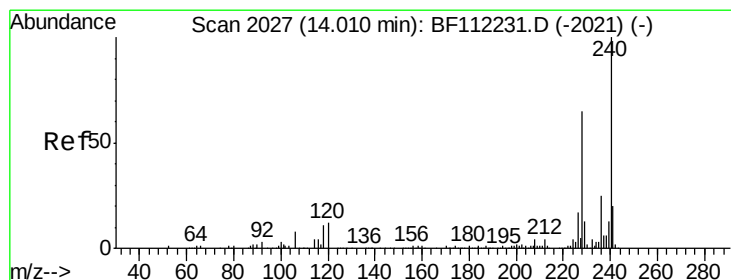
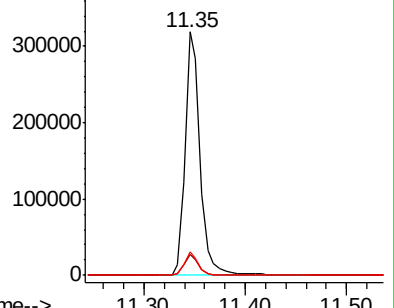
80 9.6 8.9 13.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

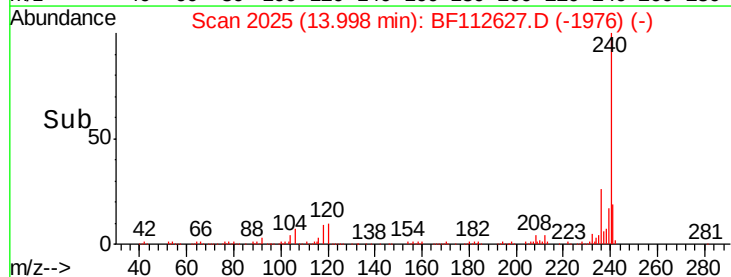
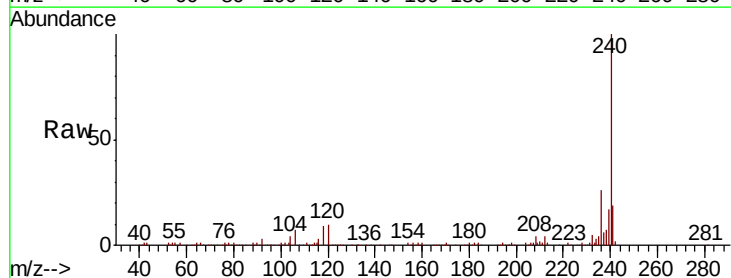
Tgt Ion:240 Resp: 244782

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

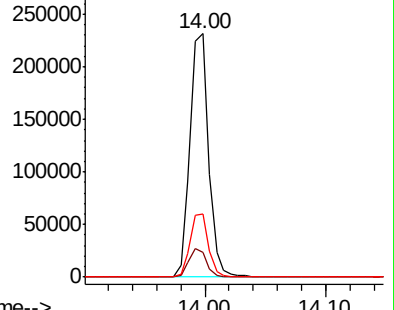
236 26.1 20.7 31.1

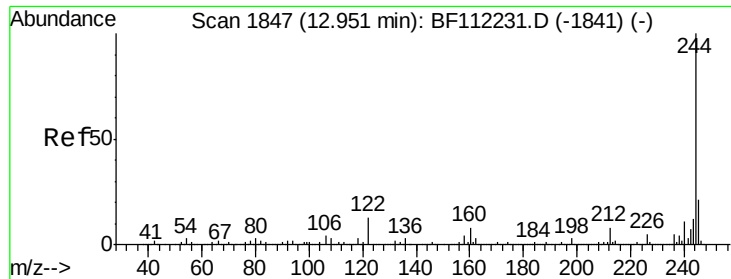


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.474 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

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ClientSampleId :

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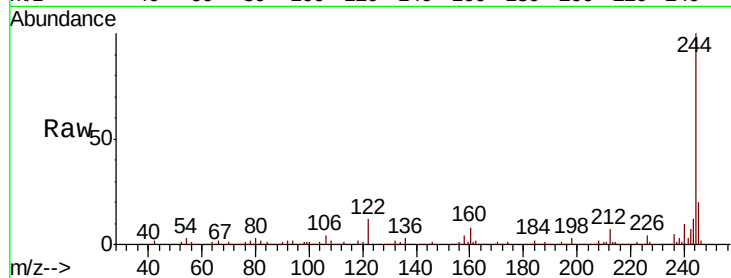
Tot Ion:244 Resp: 1045879

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

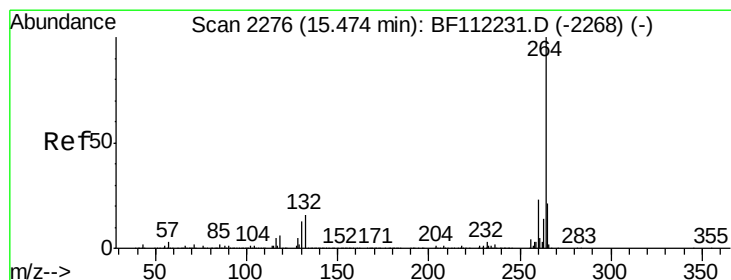
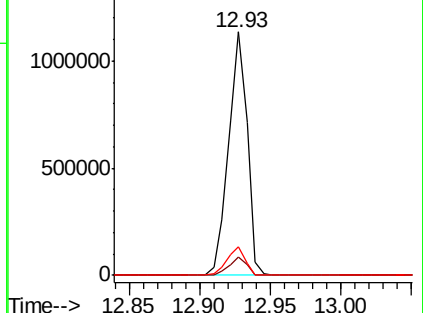
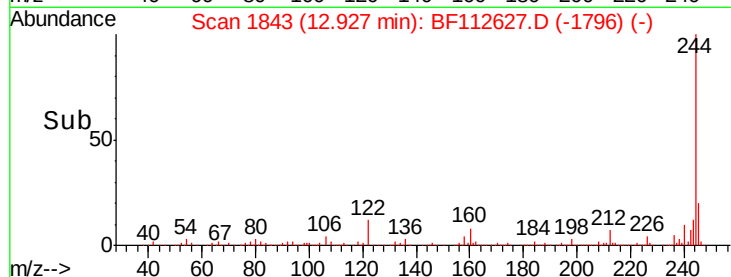
122 11.8 9.8 14.6



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

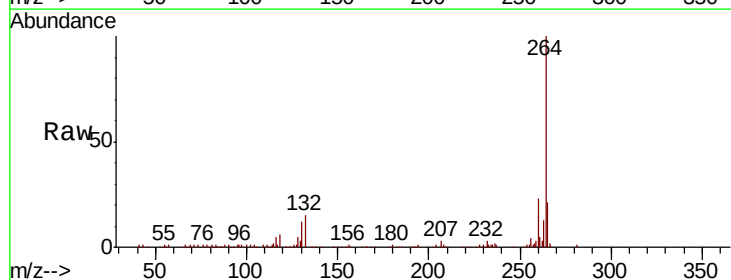
Tgt Ion:264 Resp: 209525

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 21.2 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

