

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112364.D
 Acq On : 1 Feb 2019 21:04
 Operator : JU/SJ
 Sample : K1290-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-M

Quant Time: Feb 02 00:08:28 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

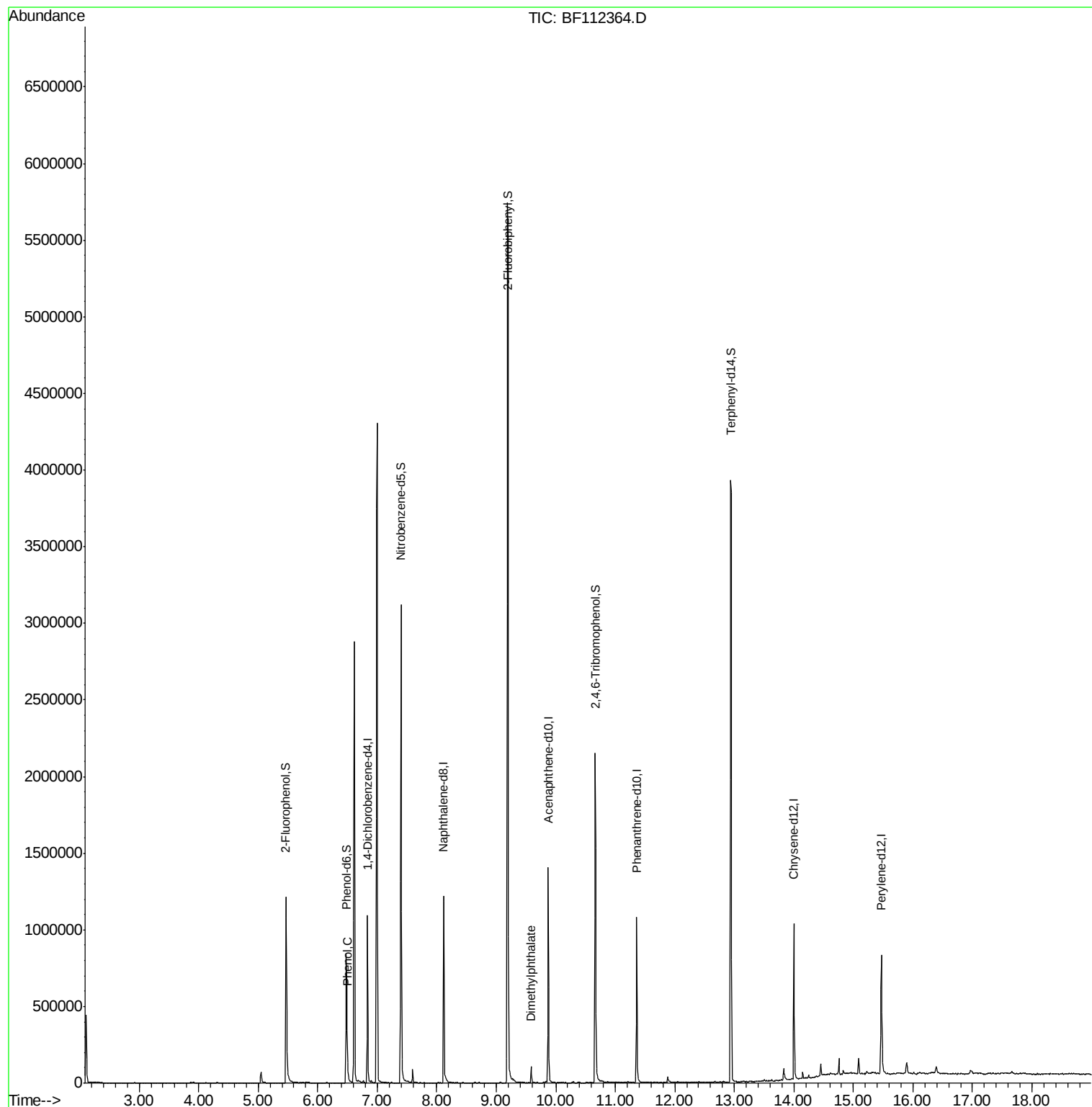
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	180353	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	654572	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	292900	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	465659	20.00	ng	0.00
76) Chrysene-d12	14.00	240	374373	20.00	ng	0.00
87) Perylene-d12	15.47	264	362426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	410051	48.29	ng	-0.01
7) Phenol-d6	6.48	99	313233	26.55	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1074778	94.61	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	289865	85.02	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2081614	100.52	ng	0.00
79) Terphenyl-d14	12.95	244	1461514	73.53	ng	0.00
Target Compounds						
10) Phenol	6.50	94	40727	3.146	ng	Qvalue # 74
50) Dimethylphthalate	9.59	163	51528	2.264	ng	98

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

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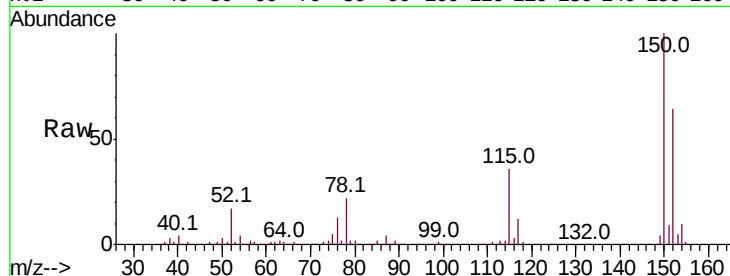


#1

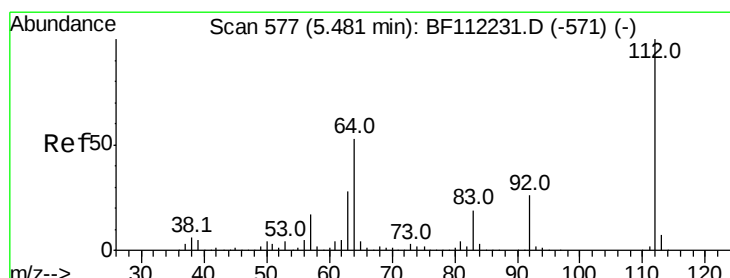
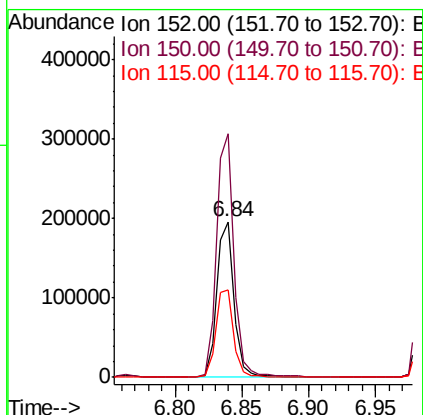
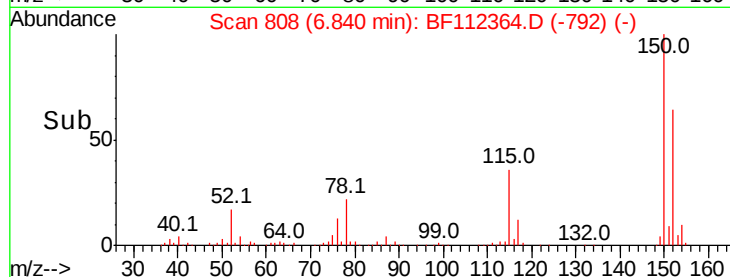
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-M

Tot Ion:152 Resp: 180353
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 55.9 45.5 68.3



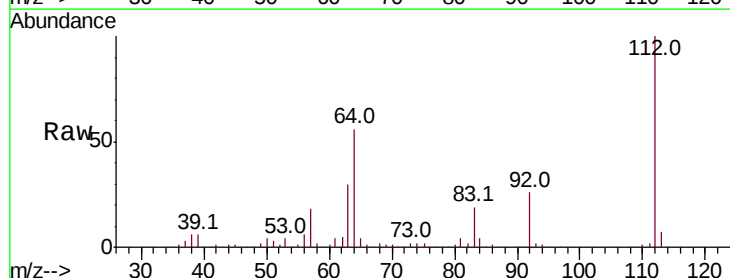
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



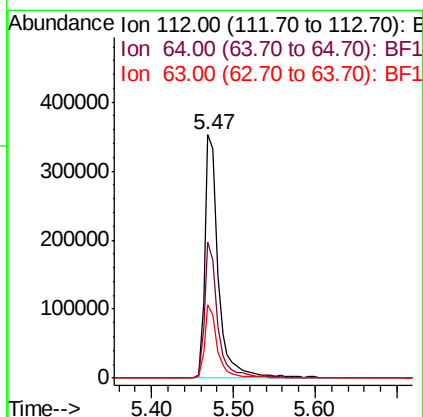
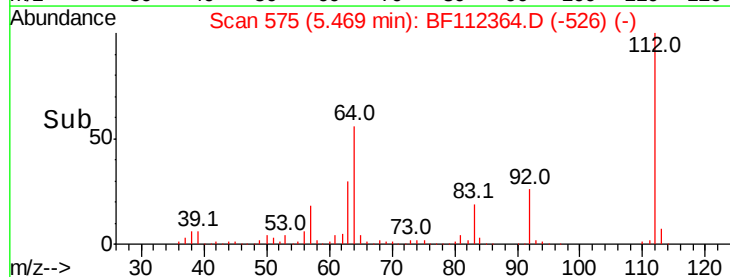
#5

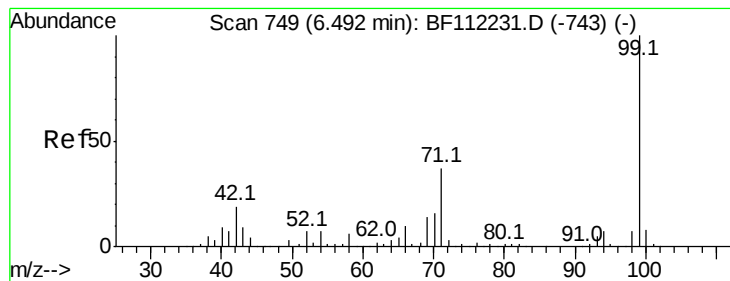
2-Fluorophenol
Concen: 48.293 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Tgt Ion:112 Resp: 410051
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 30.2 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: 26.548 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-M

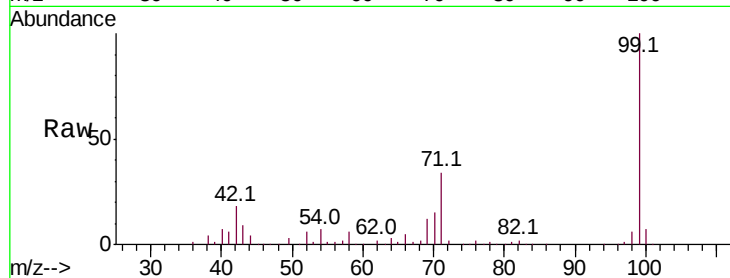
Tot Ion: 99 Resp: 313233

Ion Ratio Lower Upper

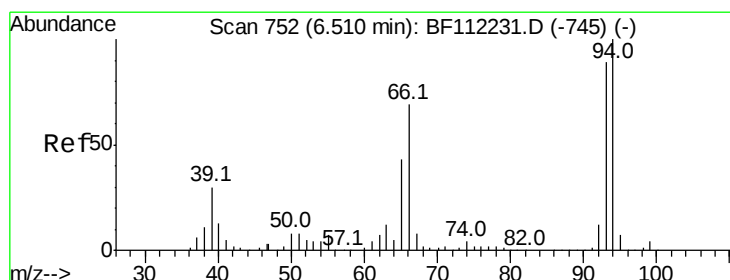
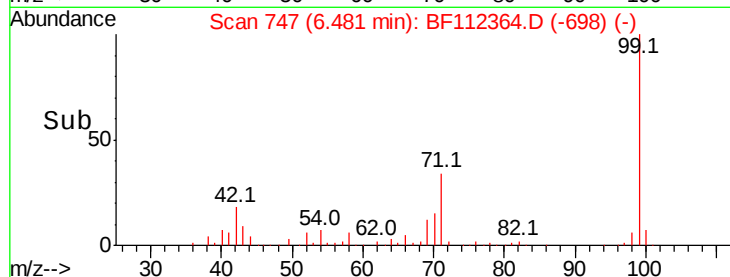
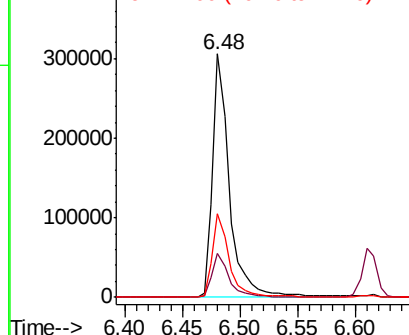
99 100

42 17.9 15.1 22.7

71 34.3 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



#10

Phenol

Concen: 3.146 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

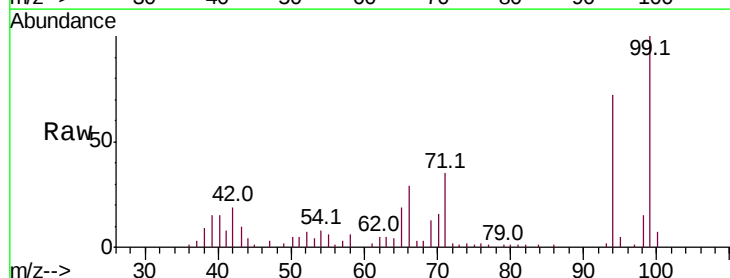
Tgt Ion: 94 Resp: 40727

Ion Ratio Lower Upper

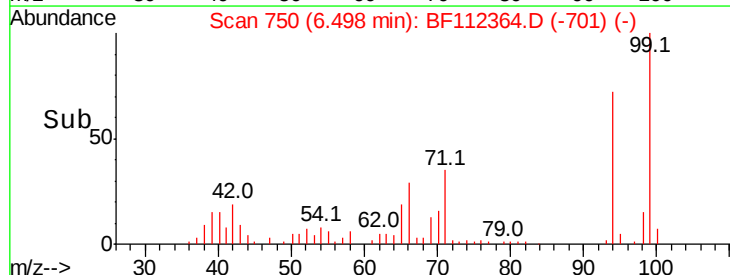
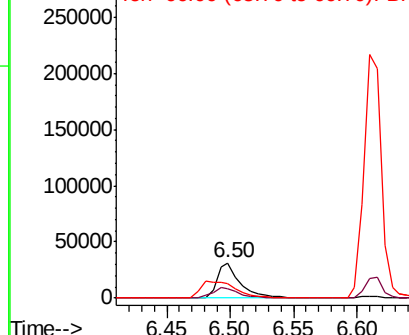
94 100

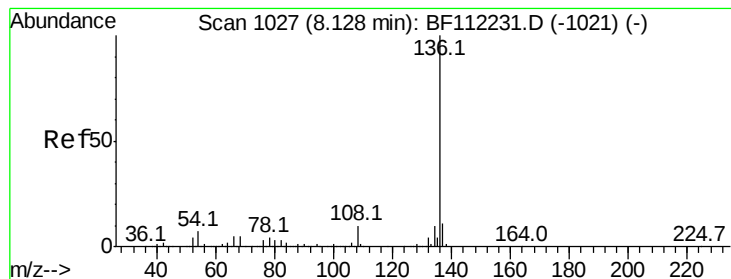
65 26.7 20.3 60.3

66 39.7 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-M

Tot Ion:136 Resp: 654572

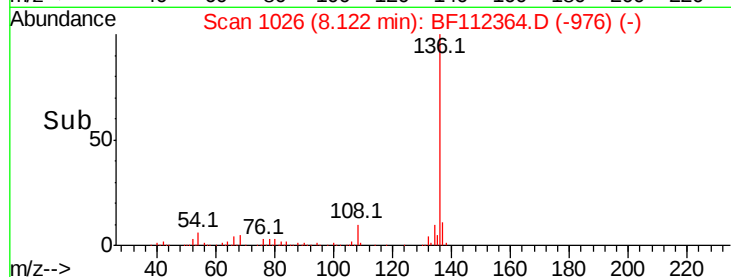
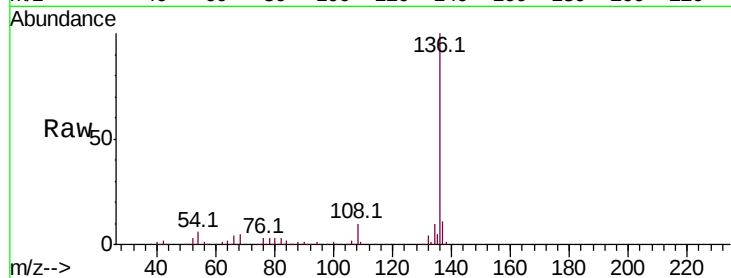
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.7 5.9 8.9#

68 4.6 5.1 7.7#

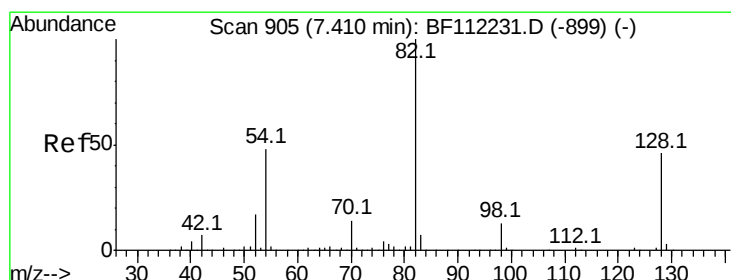
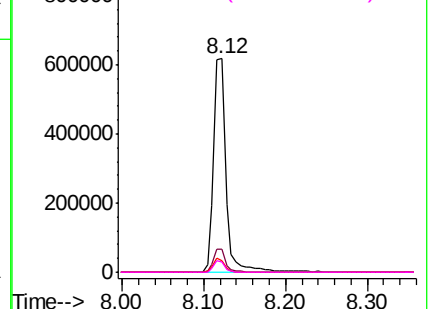


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.609 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

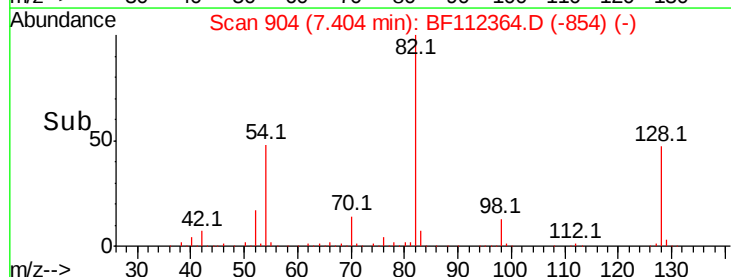
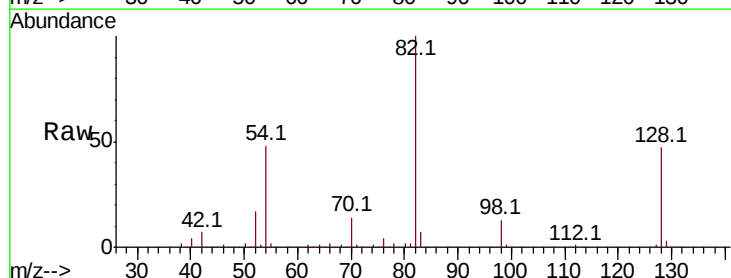
Tgt Ion: 82 Resp: 1074778

Ion Ratio Lower Upper

82 100

128 47.5 37.8 56.8

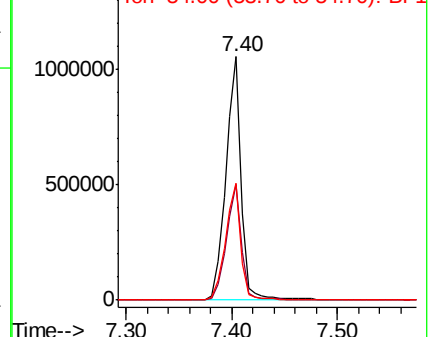
54 48.0 39.7 59.5

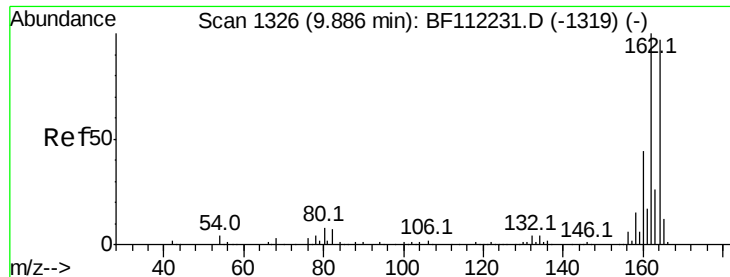


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF112364.D

Acq: 1 Feb 2019 21:04

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-M

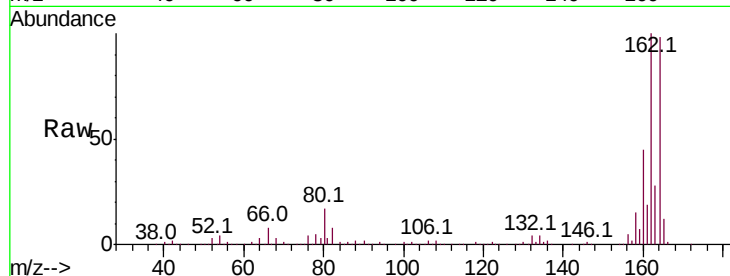
Tot Ion:164 Resp: 292900

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.4

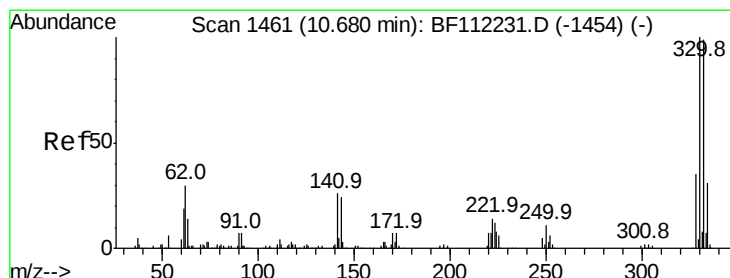
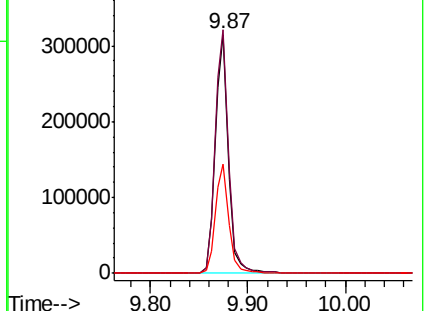
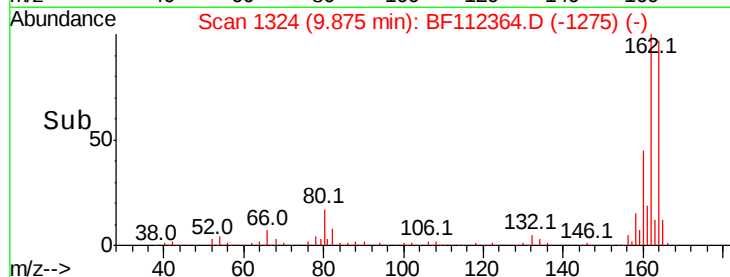
160 45.8 36.2 54.4



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: 85.022 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

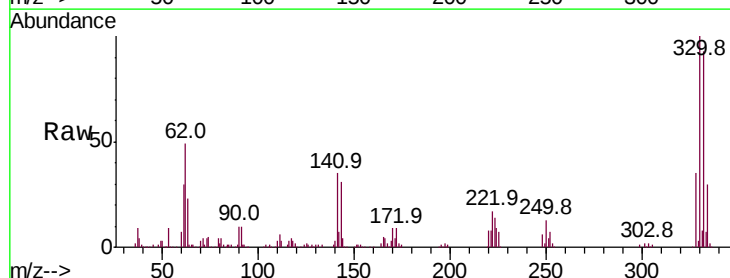
Tgt Ion:330 Resp: 289865

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

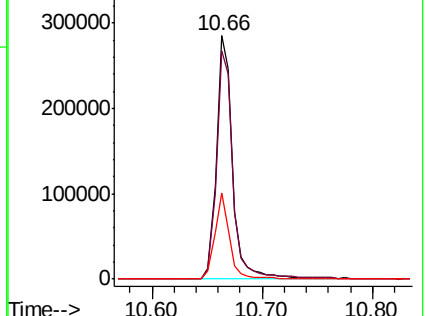
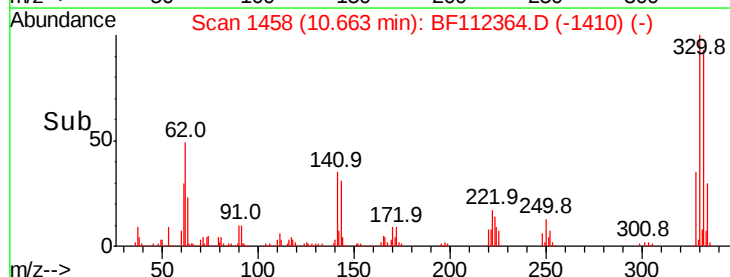
141 32.0 24.3 36.5

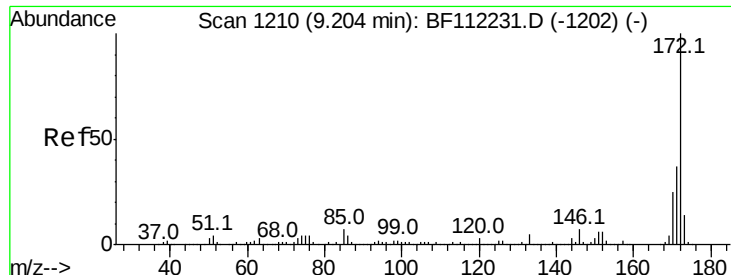


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



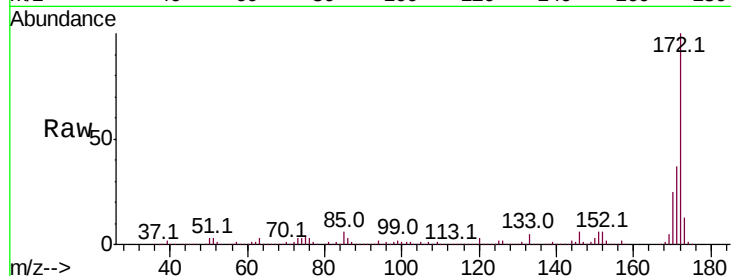


#45
 2-Fluorobiphenyl
 Concen: 100.516 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112364.D
 Acq: 1 Feb 2019 21:04

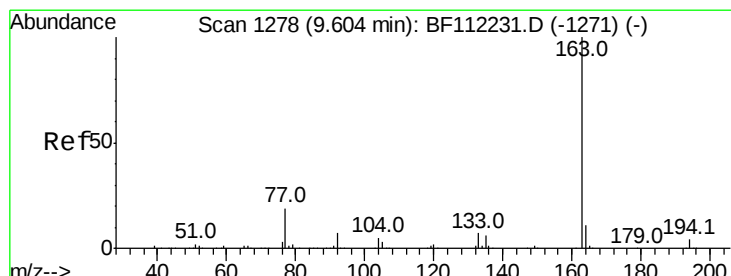
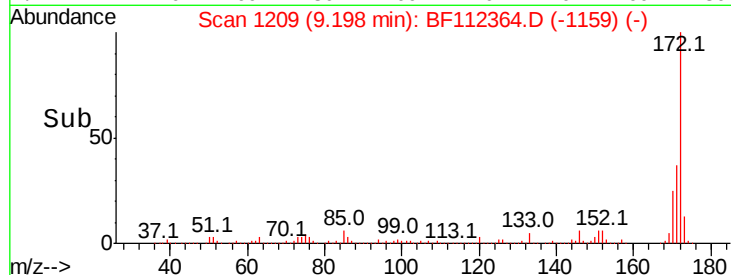
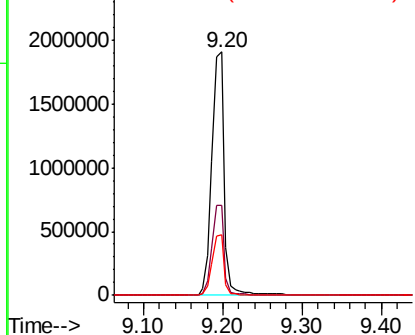
Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-M

Tot Ion:172 Resp: 2081614

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.7	20.2	30.4



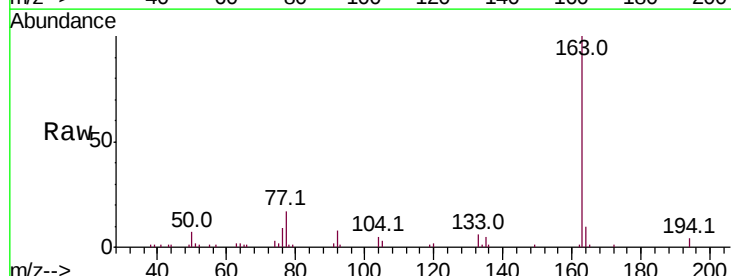
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



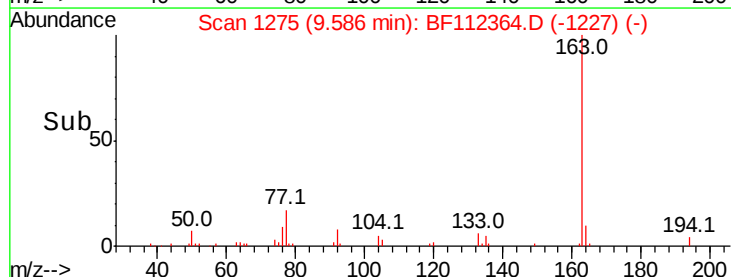
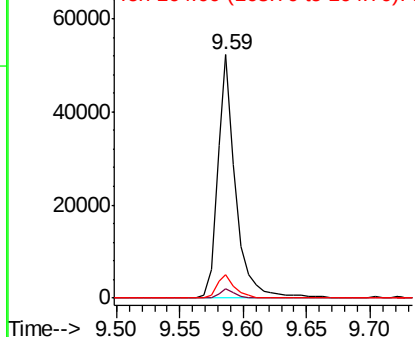
#50
 Dimethylphthalate
 Concen: 2.264 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112364.D
 Acq: 1 Feb 2019 21:04

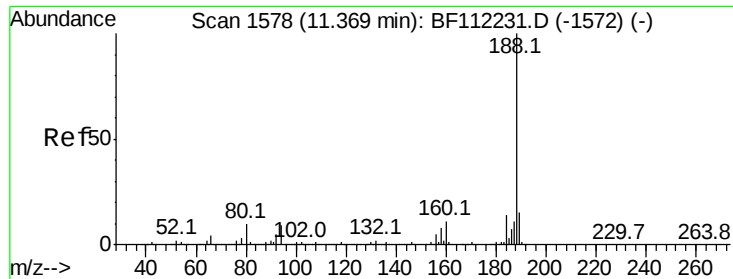
Tgt Ion:163 Resp: 51528

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.6	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# 1577

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-M

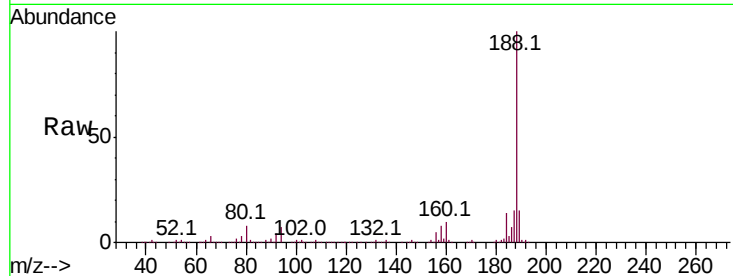
Tot Ion:188 Resp: 465659

Ion Ratio Lower Upper

188 100

94 7.1 8.2 12.2#

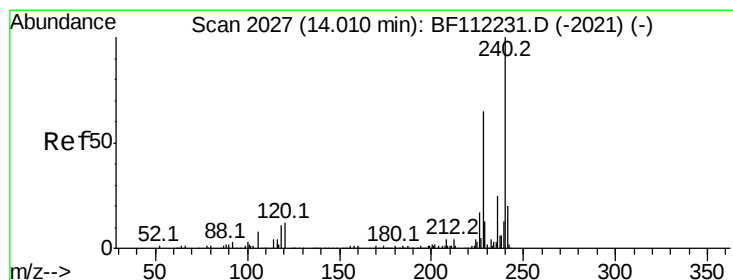
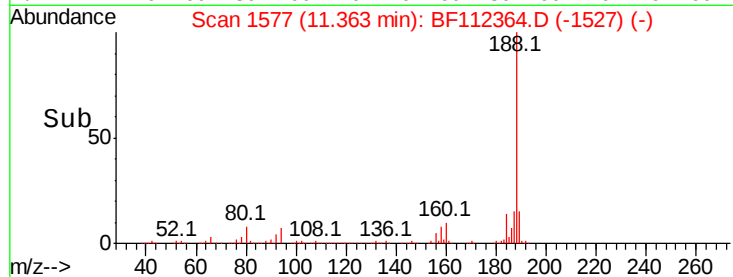
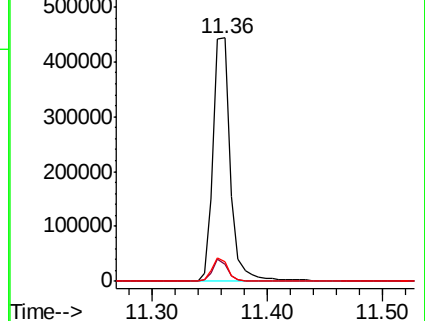
80 7.9 8.9 13.3#



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# 2026

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

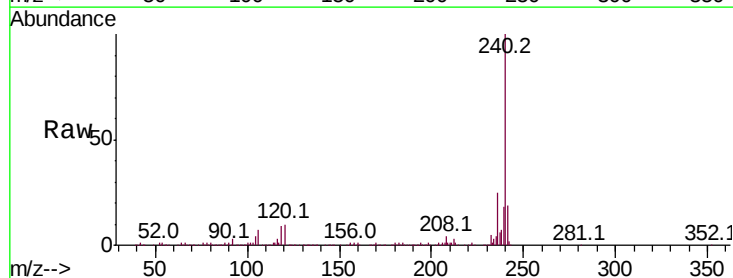
Tgt Ion:240 Resp: 374373

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

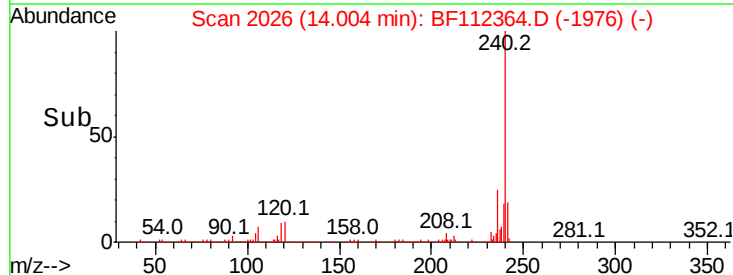
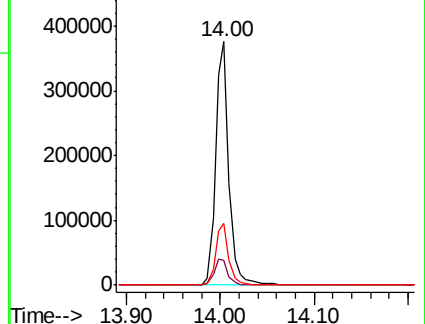
236 25.5 20.7 31.1

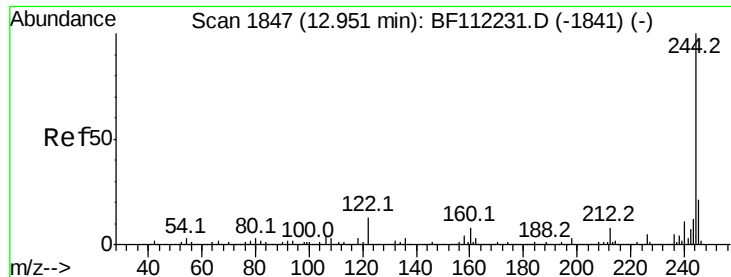


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.528 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

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012919-SIDI-E-D-M

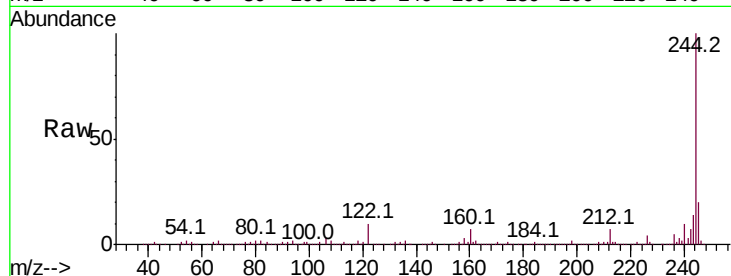
Tot Ion:244 Resp: 1461514

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

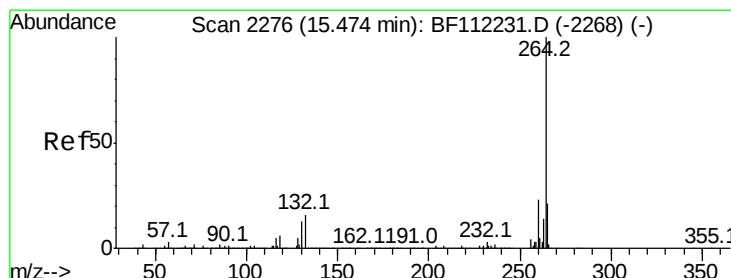
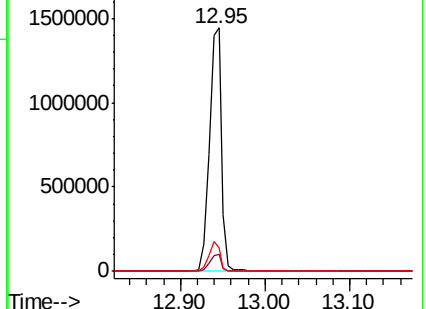
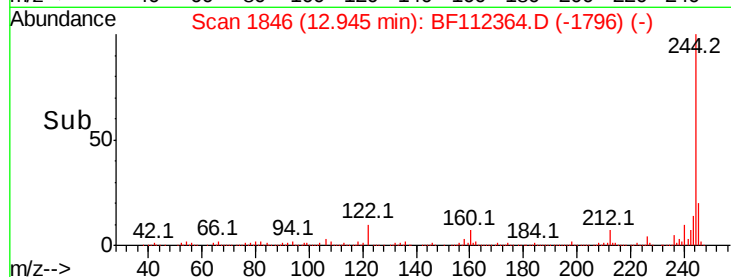
122 9.8 9.8 14.6



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: BF112364.D

Acq: 1 Feb 2019 21:04

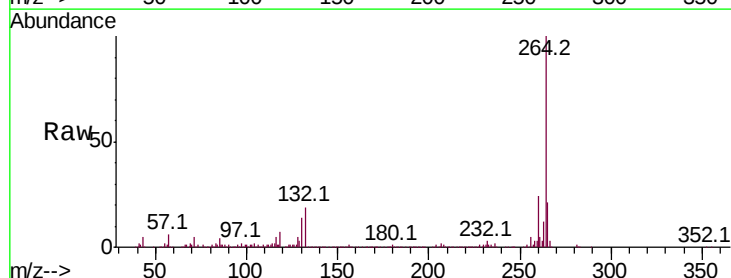
Tgt Ion:264 Resp: 362426

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.3 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

