

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112152.D
 Acq On : 21 Jan 2019 12:11
 Operator : JU/SJ
 Sample : K1205-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Quant Time: Jan 21 12:56:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

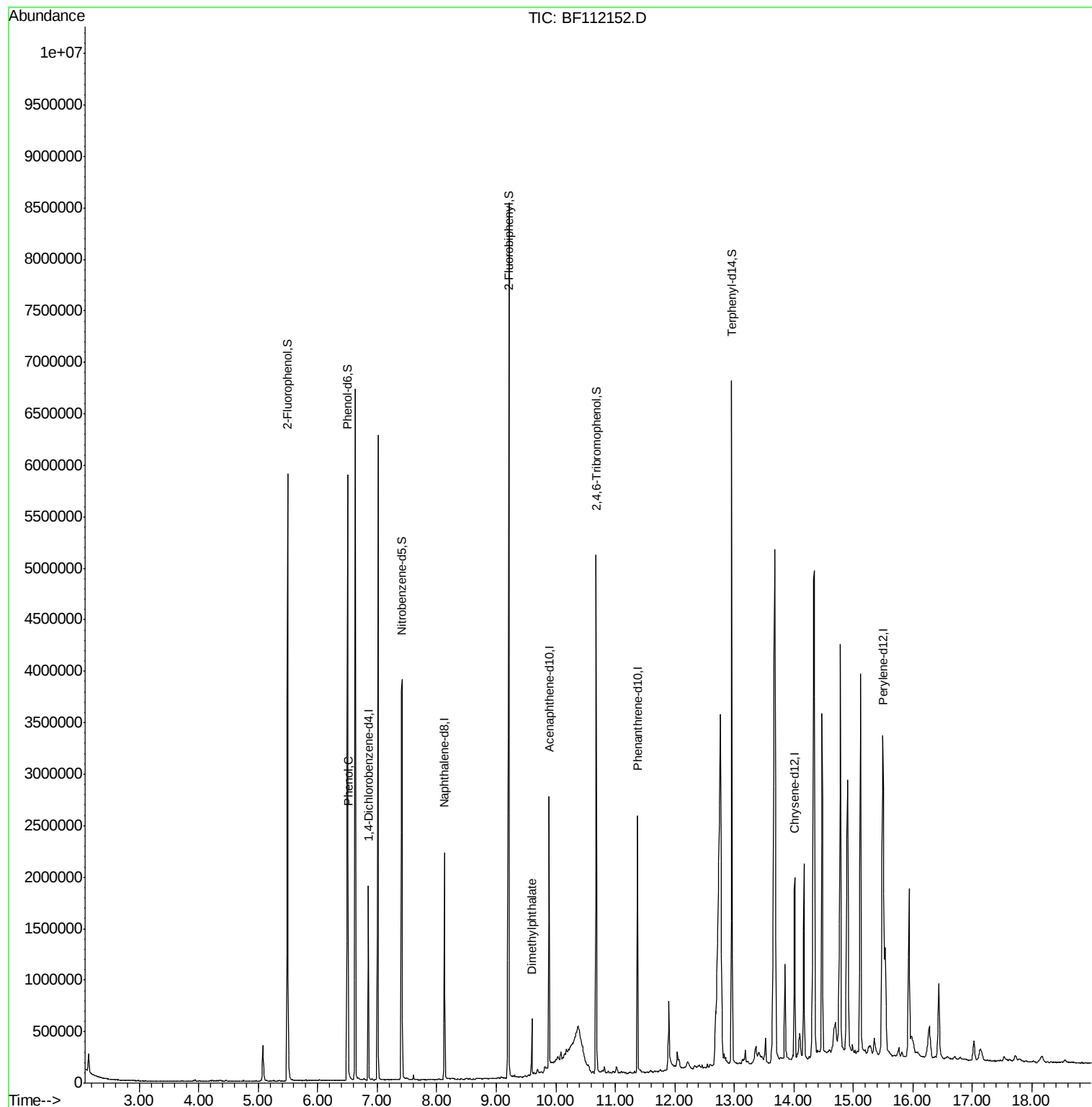
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	264415	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1001403	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	488068	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	878853	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	623168	20.00	ng	-0.01
87) Perylene-d12	15.49	264	622967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1802961	123.76	ng	0.00
7) Phenol-d6	6.50	99	2269604	124.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	1471243	101.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	652472	123.92	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2699162	81.08	ng	0.00
79) Terphenyl-d14	12.96	244	2487095	84.90	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	103498	5.196	ng	Qvalue # 69
50) Dimethylphthalate	9.60	163	217885	6.121	ng	99

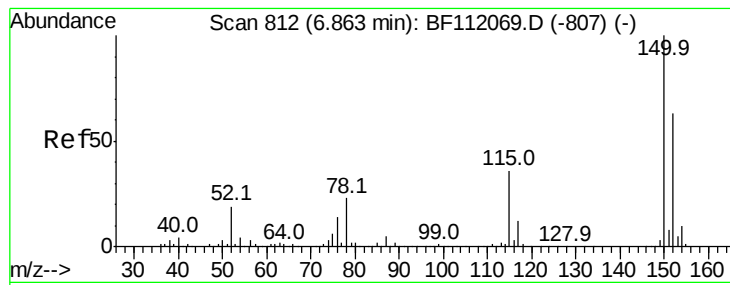
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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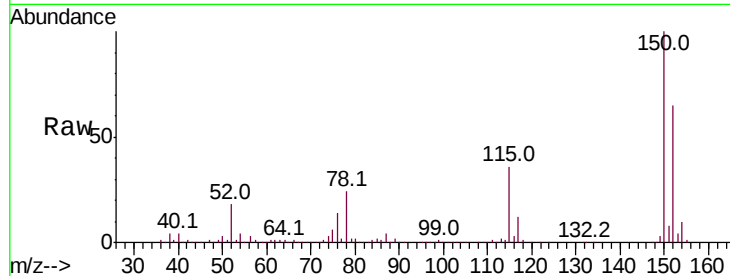


#1

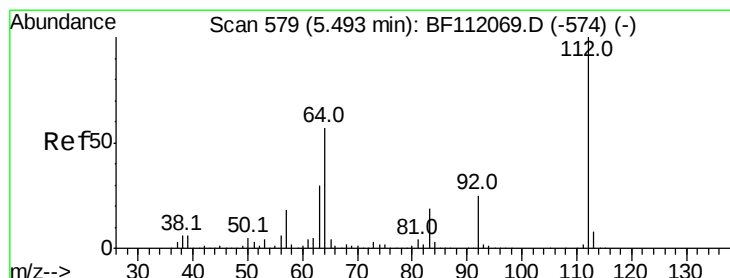
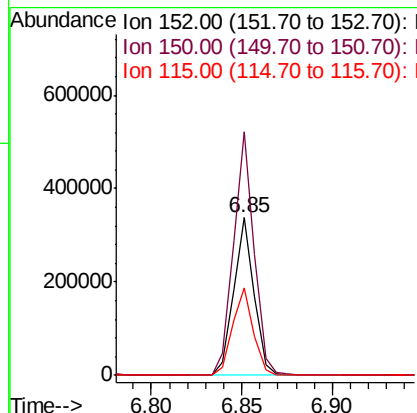
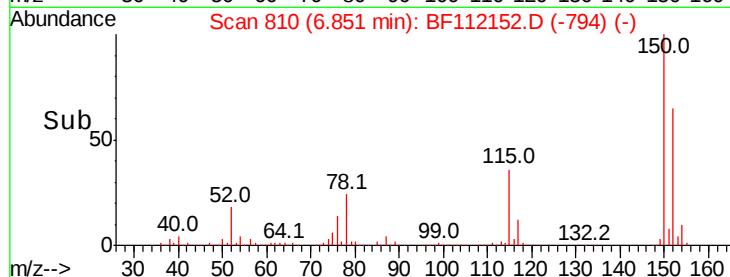
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112152.D
 Acq: 21 Jan 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.4	191.0
115	55.5	45.5	68.3



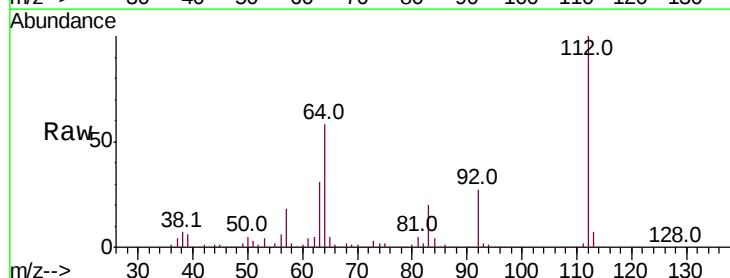
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



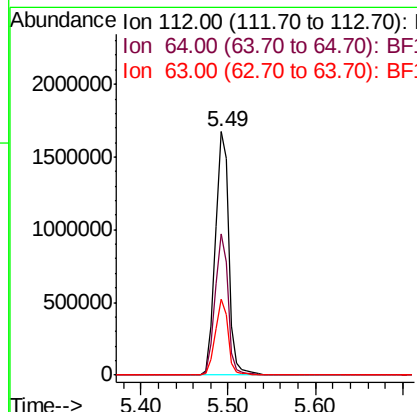
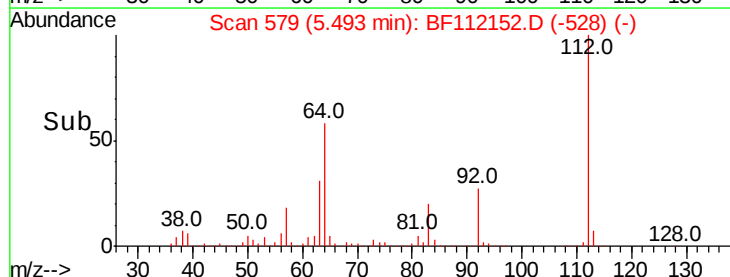
#5

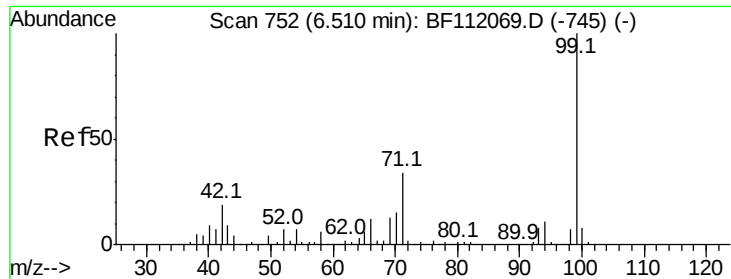
2-Fluorophenol
 Concen: 123.762 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF112152.D
 Acq: 21 Jan 2019 12:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.7	68.5
63	31.0	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: 124.520 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

Instrument :

BNA_F

ClientSampled :

C-4

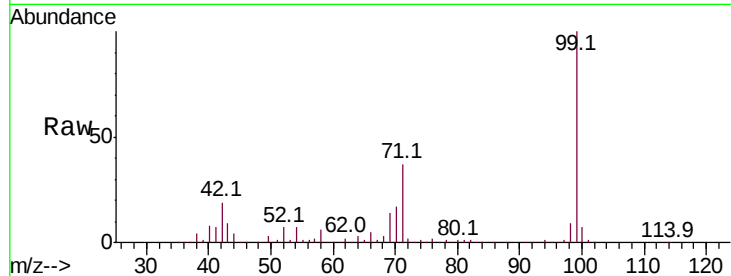
Tot Ion: 99 Resp: 2269604

Ion Ratio Lower Upper

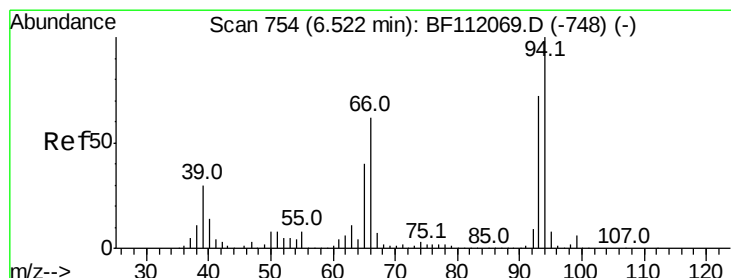
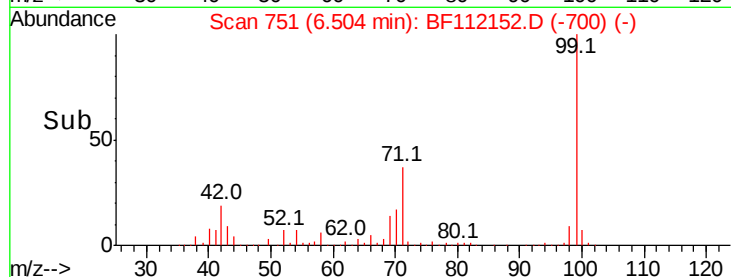
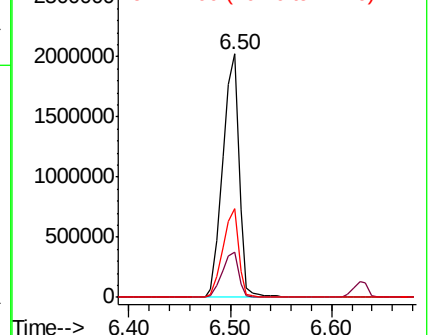
99 100

42 18.7 15.1 22.7

71 36.6 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: 5.196 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

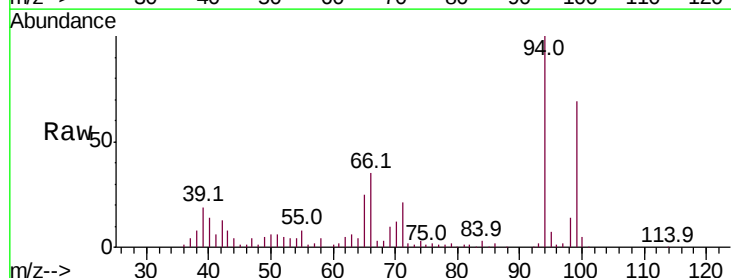
Tgt Ion: 94 Resp: 103498

Ion Ratio Lower Upper

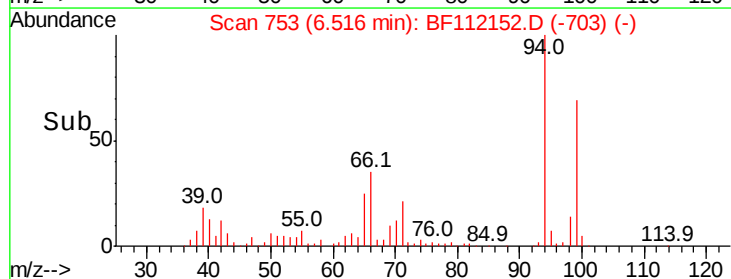
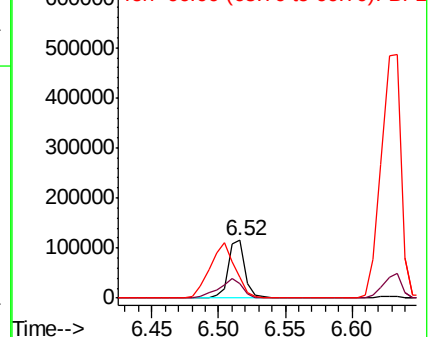
94 100

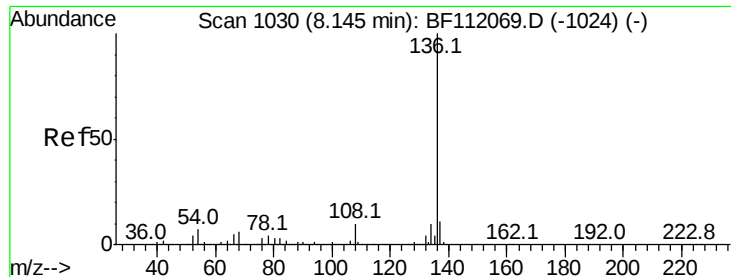
65 24.8 20.3 60.3

66 35.4 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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

Instrument :

BNA_F

ClientSampleId :

C-4

Tot Ion:136 Resp: 1001403

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.5	5.9	8.9
68	5.3	5.1	7.7

136 100

137 10.7 9.1 13.7

54 6.5 5.9 8.9

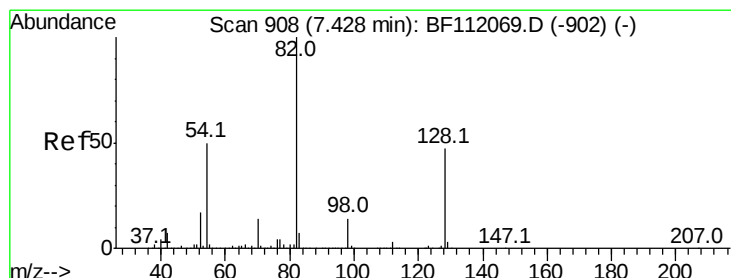
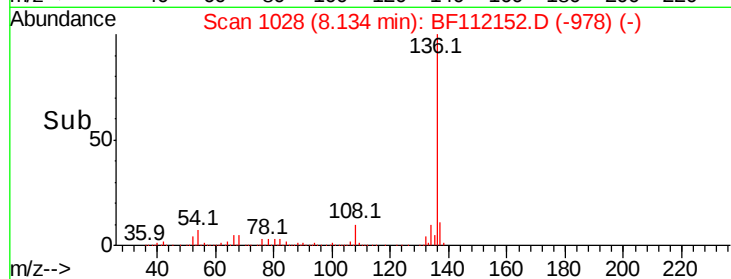
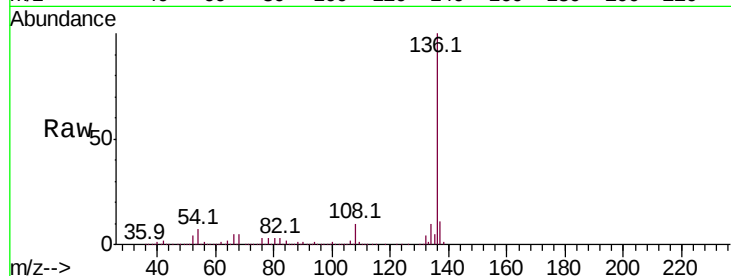
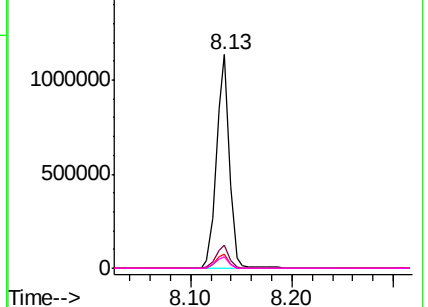
68 5.3 5.1 7.7

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: 101.504 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

Tgt Ion: 82 Resp: 1471243

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.8	56.8
54	47.0	39.7	59.5

82 100

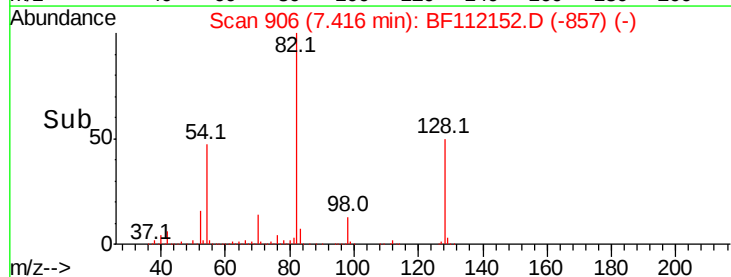
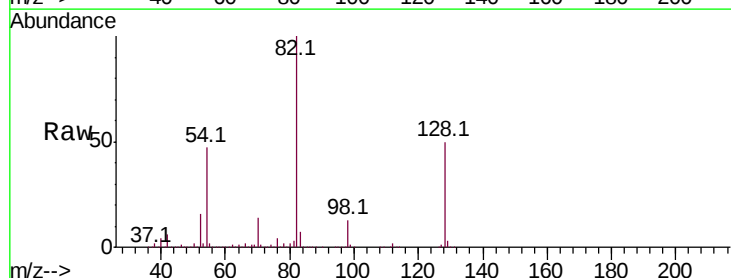
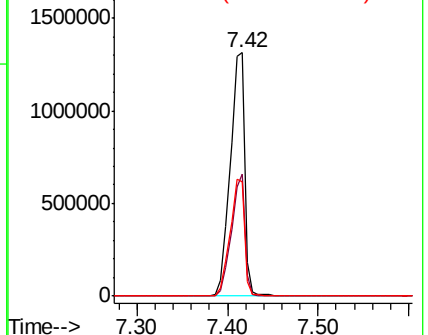
128 50.3 37.8 56.8

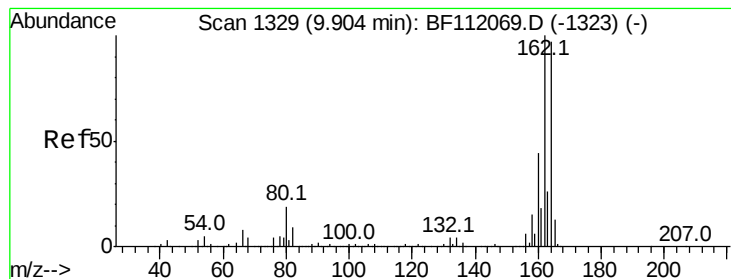
54 47.0 39.7 59.5

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

Instrument :

BNA_F

ClientSampleId :

C-4

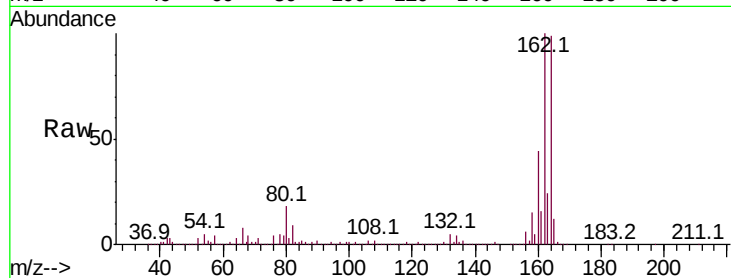
Tot Ion:164 Resp: 488068

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.4

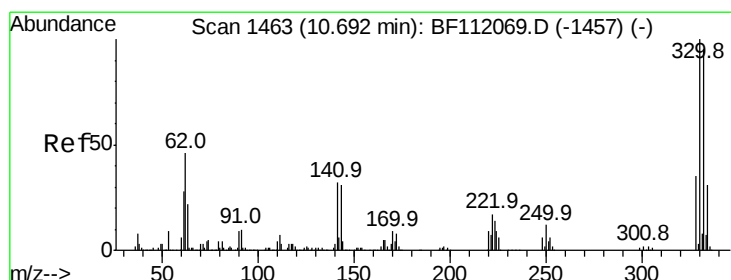
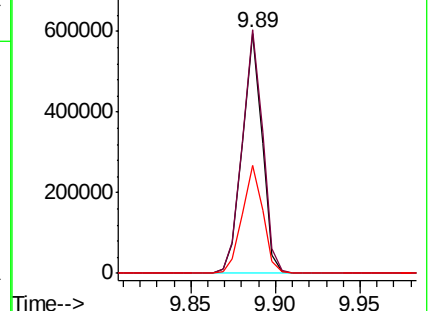
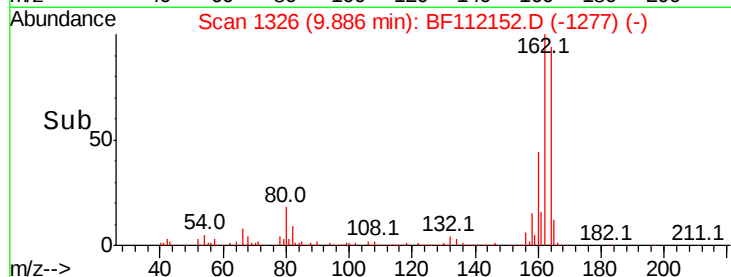
160 45.0 36.2 54.4



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: 123.922 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

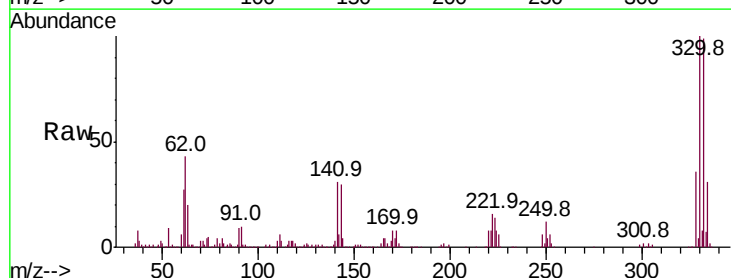
Tgt Ion:330 Resp: 652472

Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

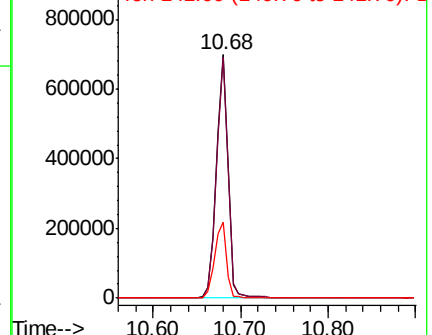
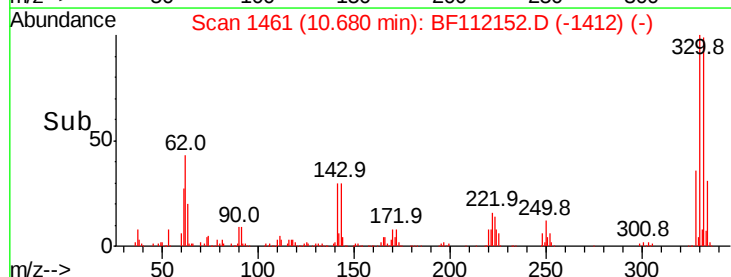
141 32.1 24.3 36.5

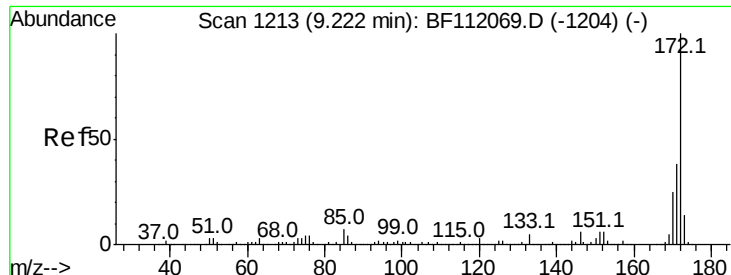


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



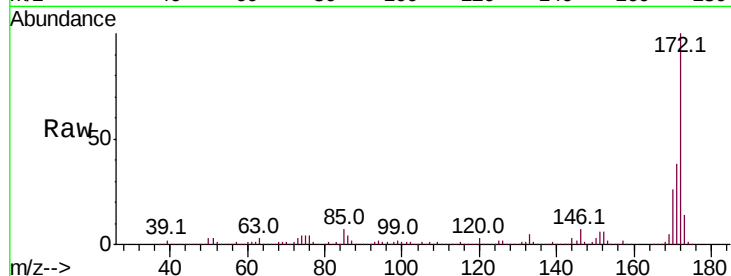


#45
 2-Fluorobiphenyl
 Concen: 81.080 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112152.D
 Acq: 21 Jan 2019 12:11

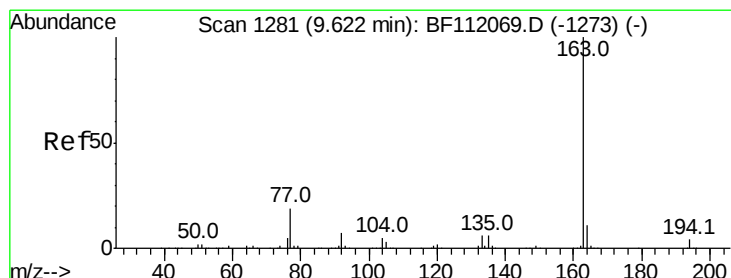
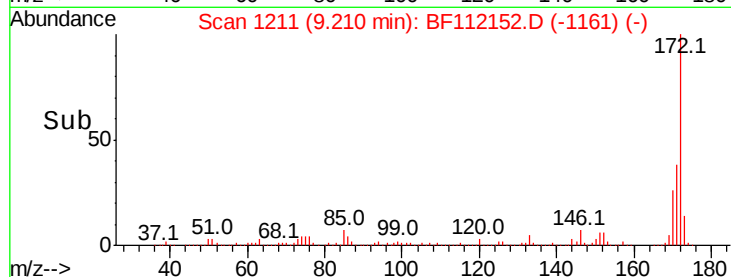
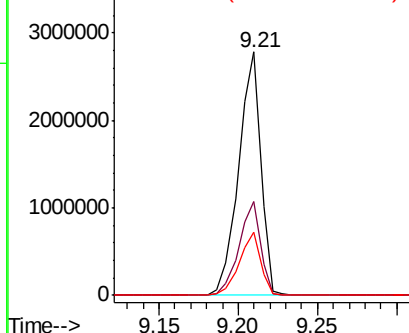
Instrument :
 BNA_F
 ClientSampleId :
 C-4

Tot Ion:172 Resp: 2699162

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.5	45.7
170	25.7	20.2	30.4



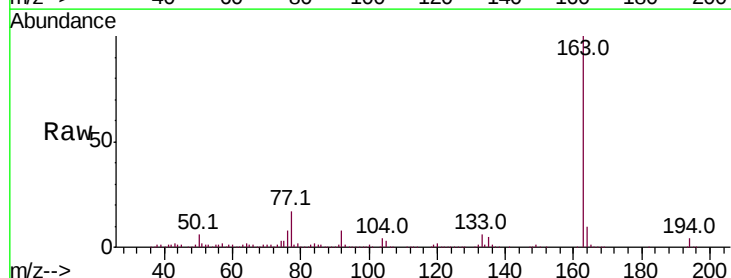
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



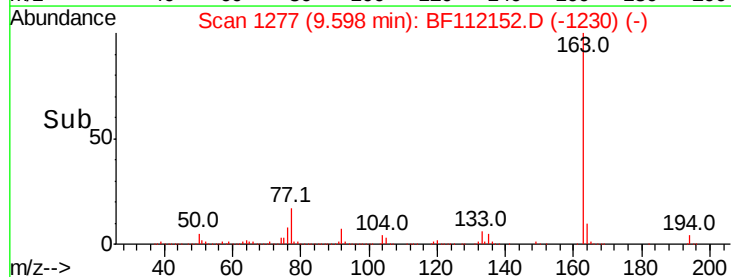
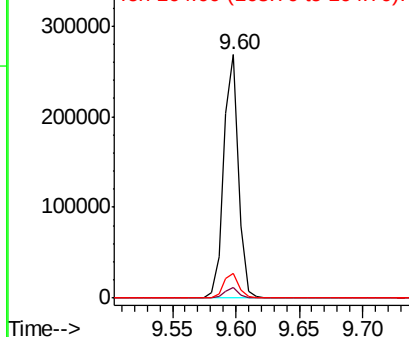
#50
 Dimethylphthalate
 Concen: 6.121 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF112152.D
 Acq: 21 Jan 2019 12:11

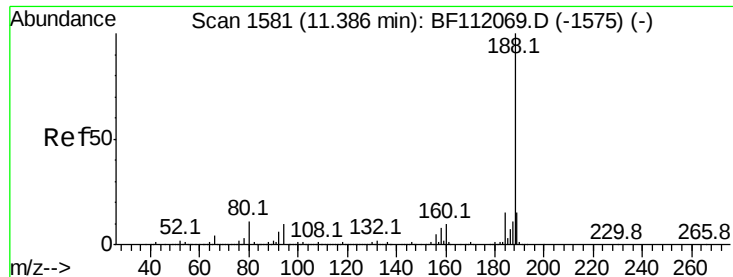
Tgt Ion:163 Resp: 217885

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.1	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

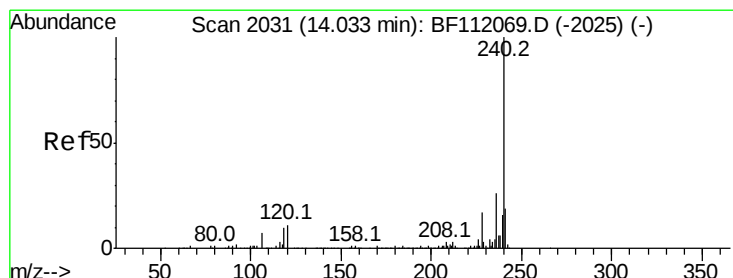
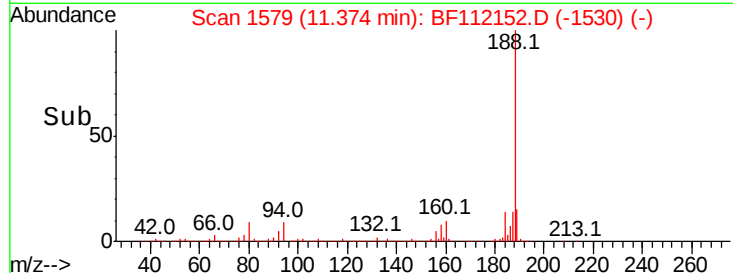
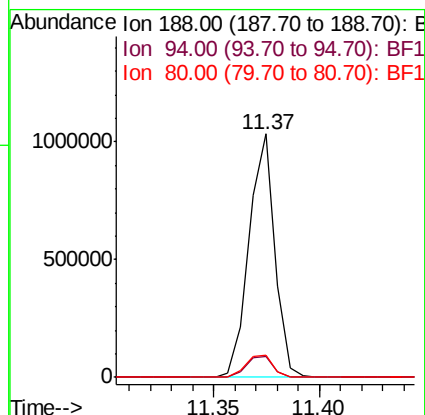
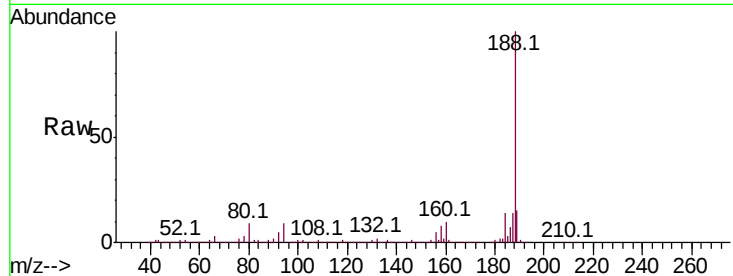




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112152.D
Acq: 21 Jan 2019 12:11

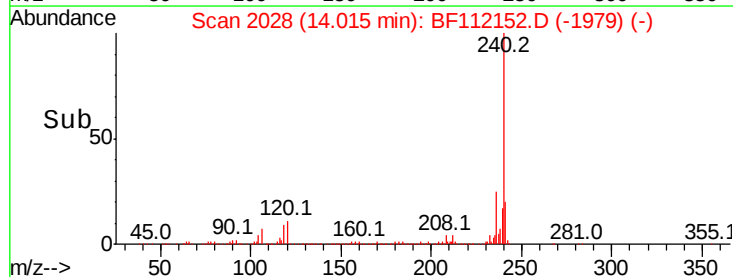
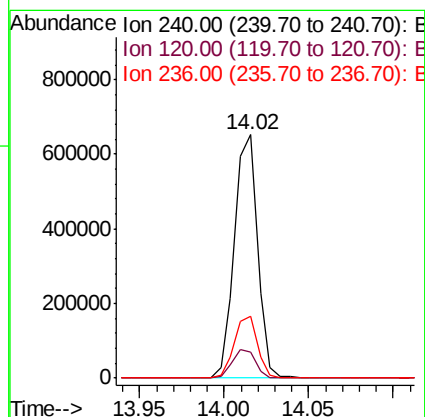
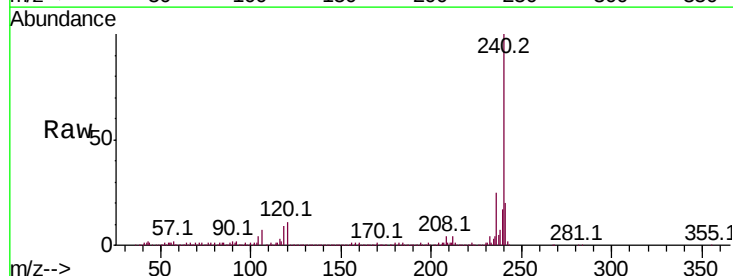
Instrument :
BNA_F
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C-4

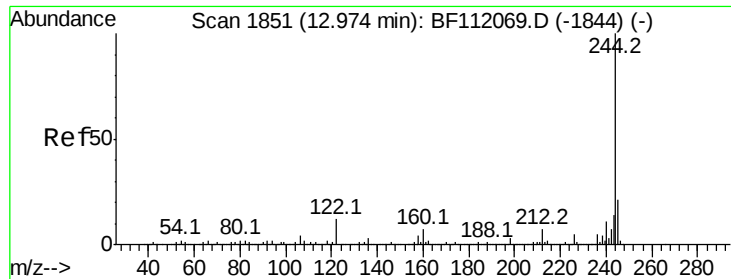
Tot Ion:188 Resp: 878853
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112152.D
Acq: 21 Jan 2019 12:11

Tgt Ion:240 Resp: 623168
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 84.905 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

Instrument :

BNA_F

ClientSampleId :

C-4

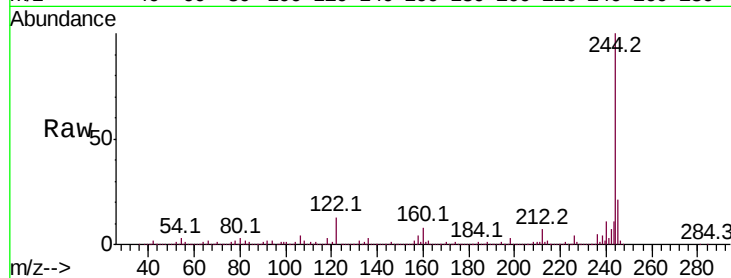
Tot Ion:244 Resp: 2487095

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

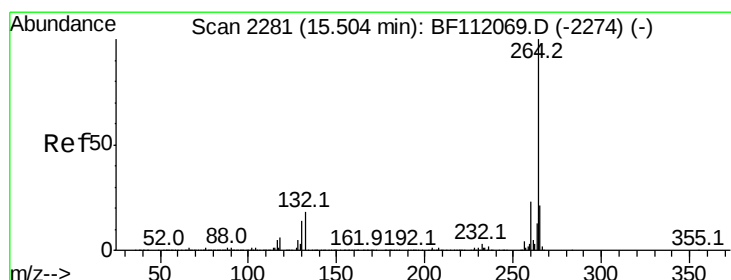
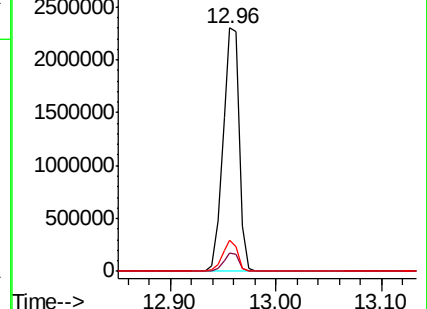
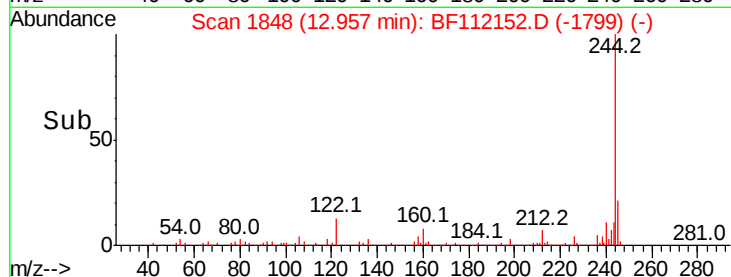
122 12.9 9.8 14.6



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# 2278

Delta R.T. -0.01 min

Lab File: BF112152.D

Acq: 21 Jan 2019 12:11

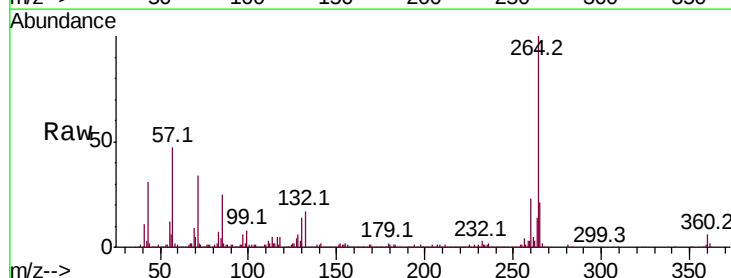
Tgt Ion:264 Resp: 622967

Ion Ratio Lower Upper

264 100

260 23.1 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

