

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112129.D
 Acq On : 18 Jan 2019 17:26
 Operator : JU/SJ
 Sample : K1188-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2-FRONT-HOUSE-7

Quant Time: Jan 19 00:04:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

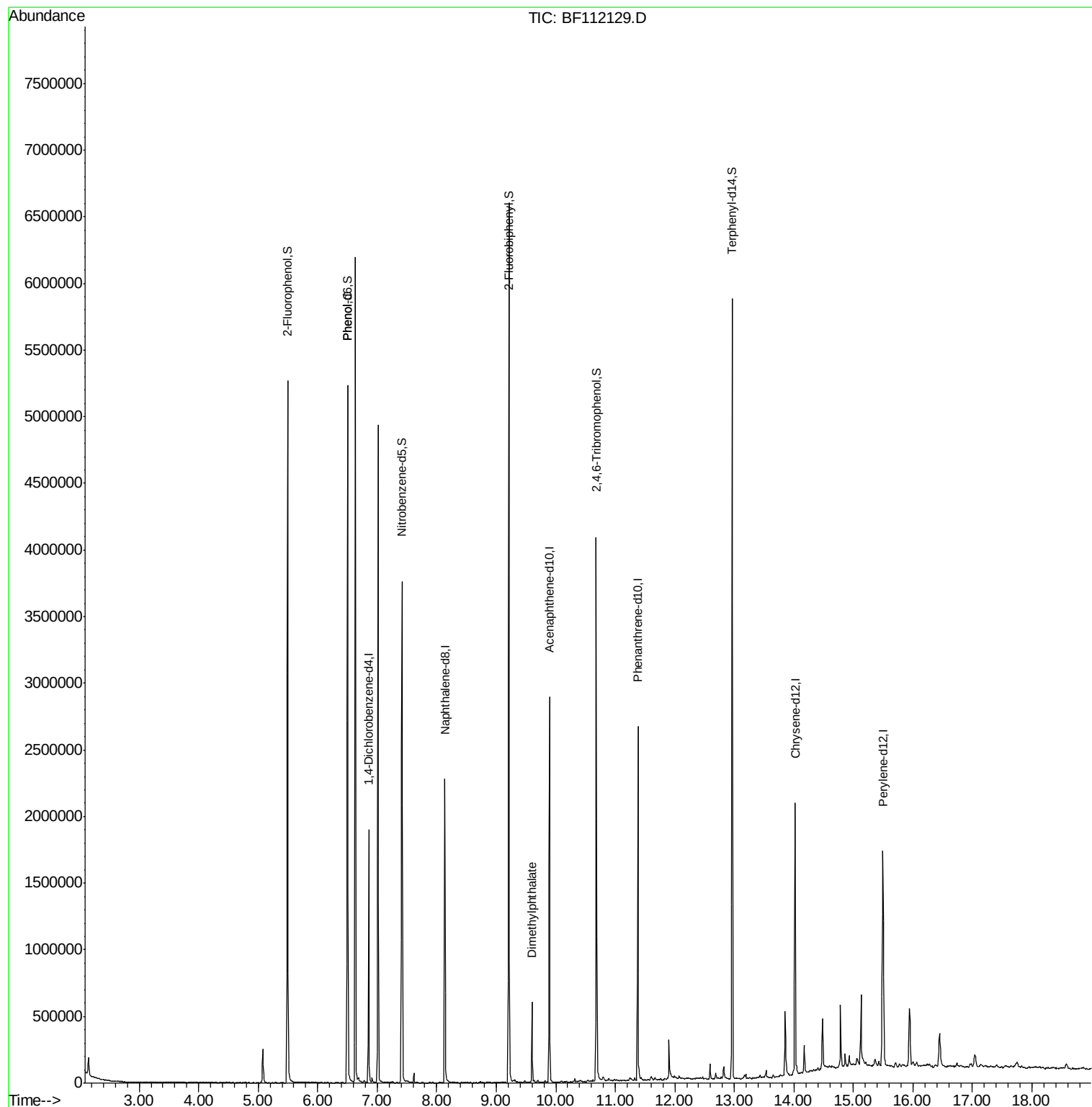
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280487	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1083505	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	531162	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	979854	20.00	ng	0.00
76) Chrysene-d12	14.02	240	693049	20.00	ng	0.00
87) Perylene-d12	15.49	264	704352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1534526	99.30	ng	0.00
7) Phenol-d6	6.50	99	1922568	99.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	1220494	77.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	600958	104.88	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2149732	59.34	ng	0.00
79) Terphenyl-d14	12.96	244	1990716	61.11	ng	0.00
Target Compounds						
10) Phenol	6.51	94	49183	2.328	ng	92
50) Dimethylphthalate	9.60	163	259721	6.705	ng	99

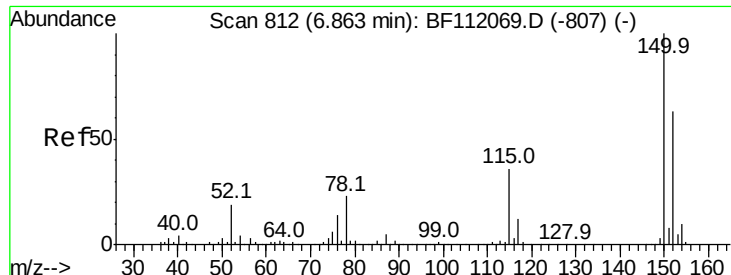
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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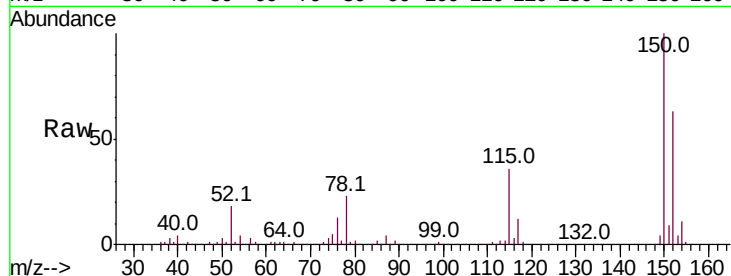


#1

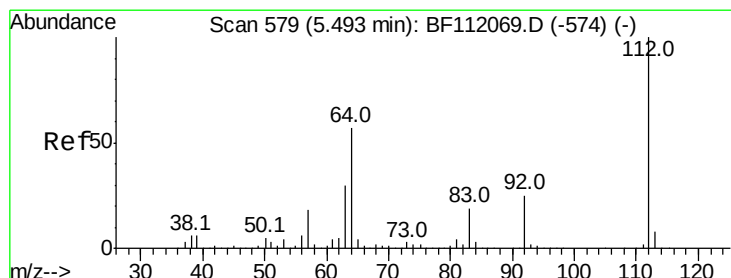
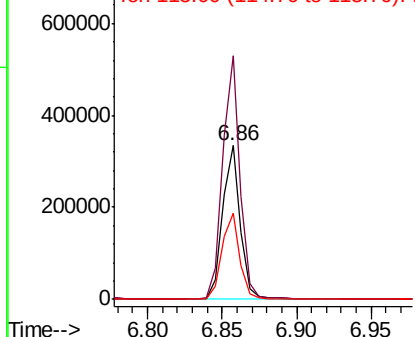
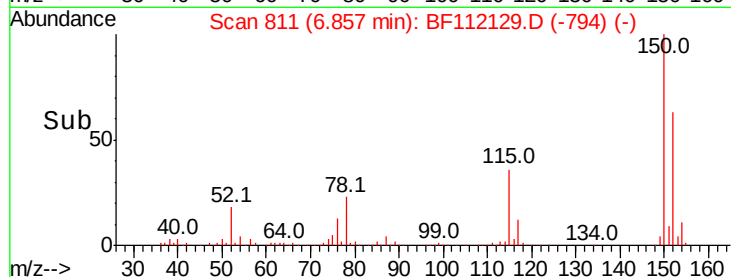
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tot Ion:152 Resp: 280487
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 56.2 45.5 68.3



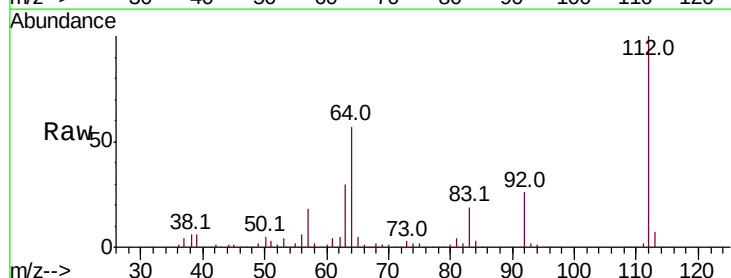
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



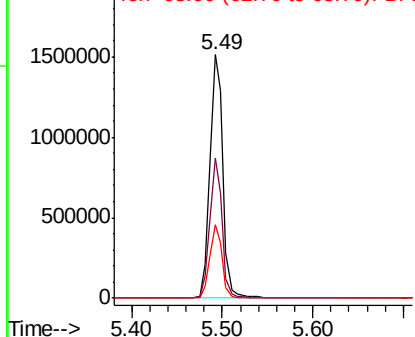
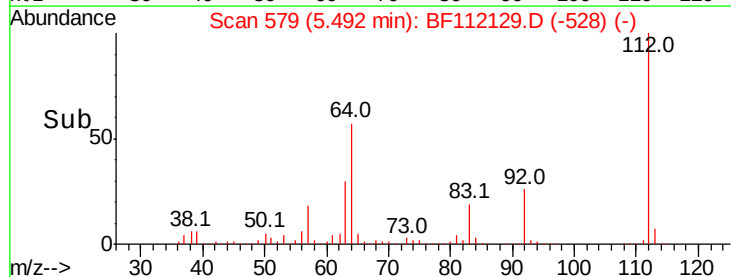
#5

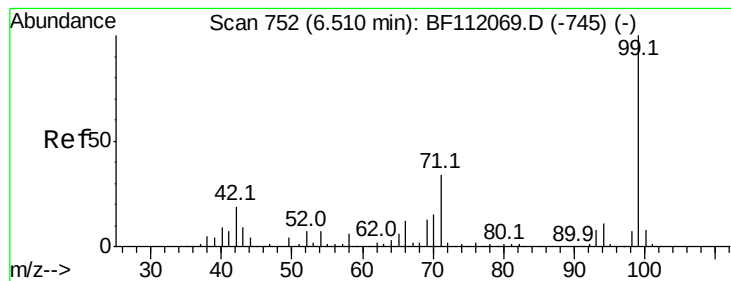
2-Fluorophenol
Concen: 99.300 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:112 Resp: 1534526
Ion Ratio Lower Upper
112 100
64 57.4 45.7 68.5
63 30.3 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: 99.436 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112129.D

Acq: 18 Jan 2019 17:26

Instrument :

BNA_F

ClientSampleId :

S2-FRONT-HOUSE-7

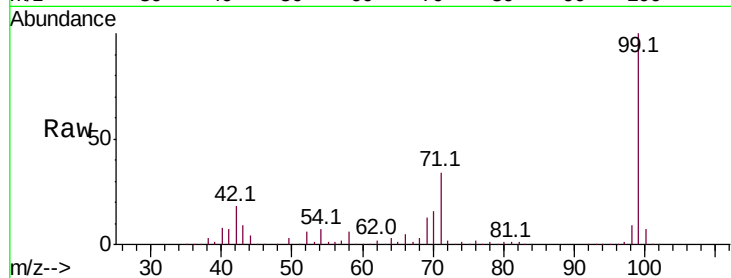
Tot Ion: 99 Resp: 1922568

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	34.5	26.9	40.3

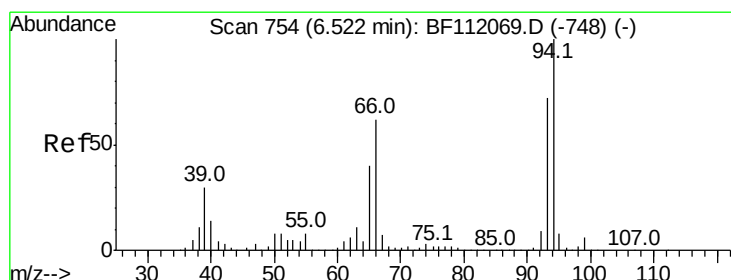
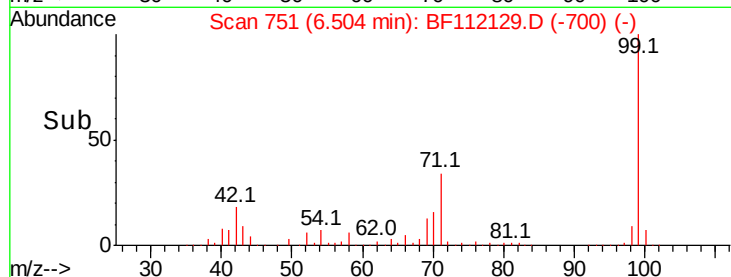
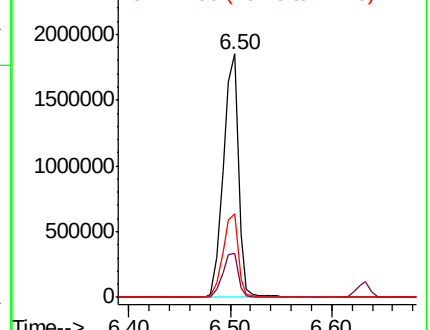
99 100

42 18.3 15.1 22.7

71 34.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
 2500000
 Ion 42.00 (41.70 to 42.70): BF1
 Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.328 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112129.D

Acq: 18 Jan 2019 17:26

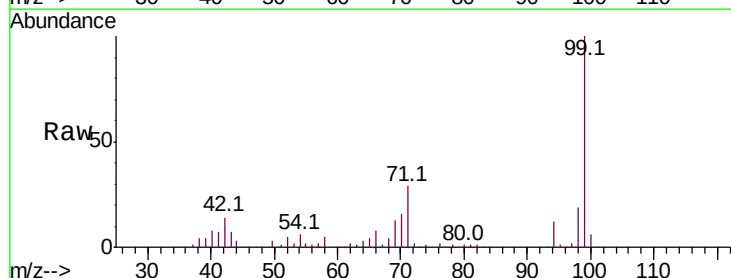
Tgt Ion: 94 Resp: 49183

Ion	Ratio	Lower	Upper
94	100		
65	37.0	20.3	60.3
66	70.3	42.4	82.4

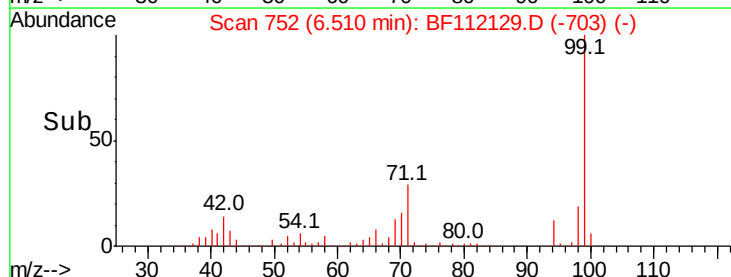
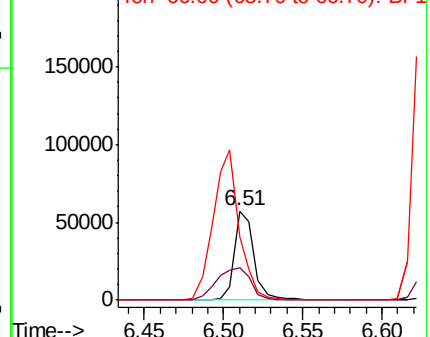
94 100

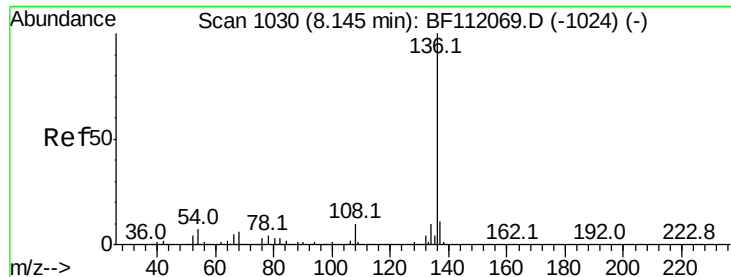
65 37.0 20.3 60.3

66 70.3 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
 200000
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1

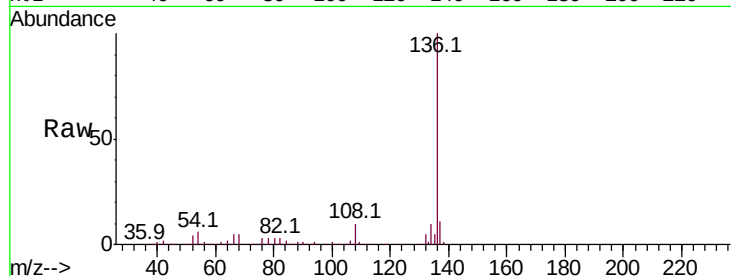




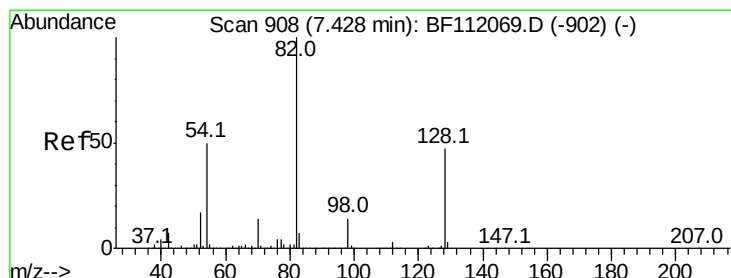
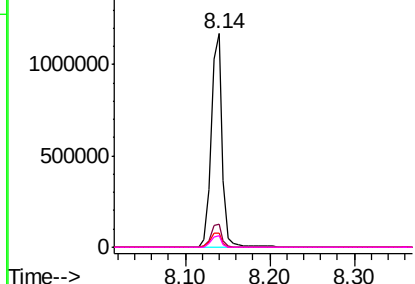
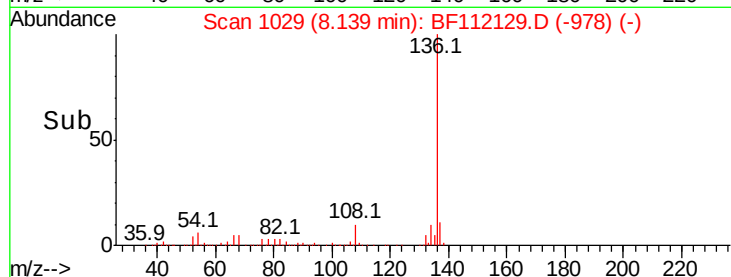
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tot Ion:136 Resp: 1083505
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.4 5.9 8.9
68 5.2 5.1 7.7

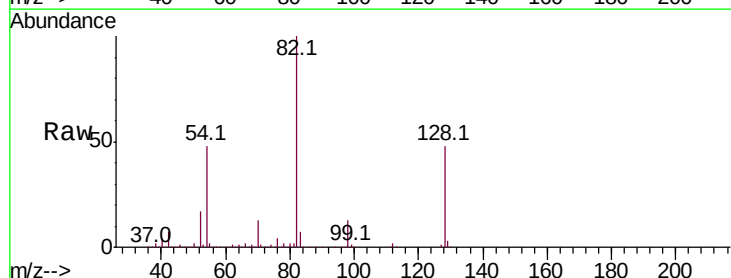


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

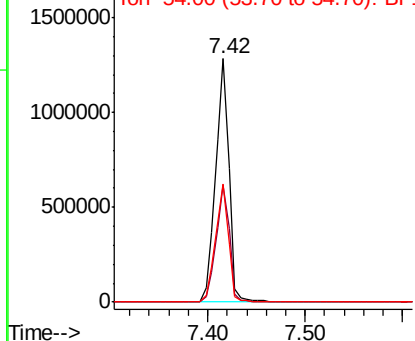
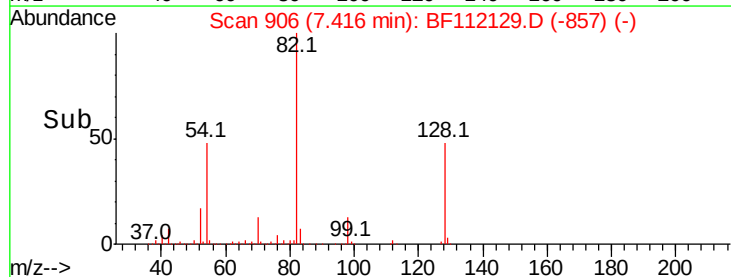


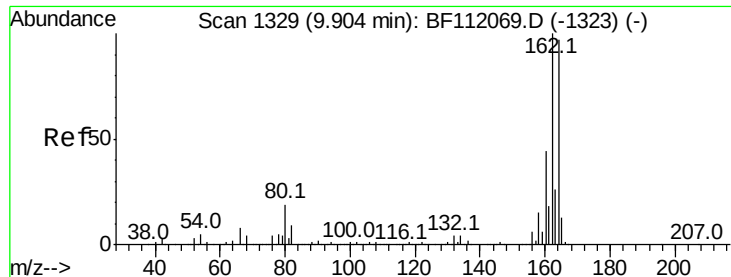
#23
Nitrobenzene-d5
Concen: 77.824 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion: 82 Resp: 1220494
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 48.3 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

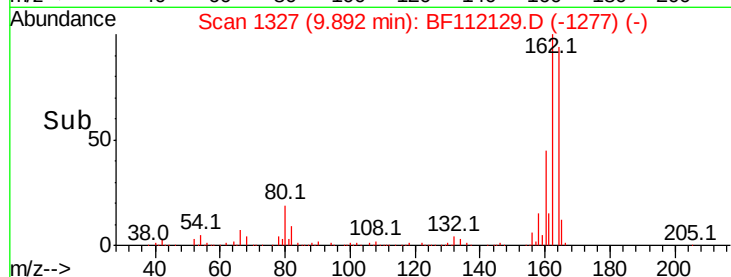
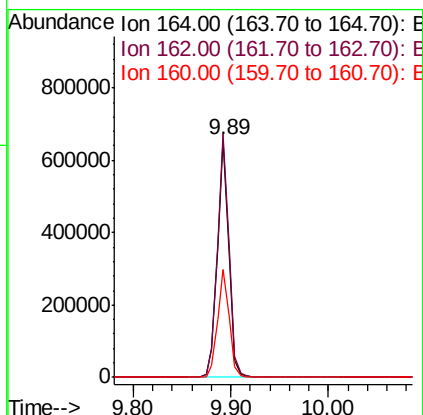
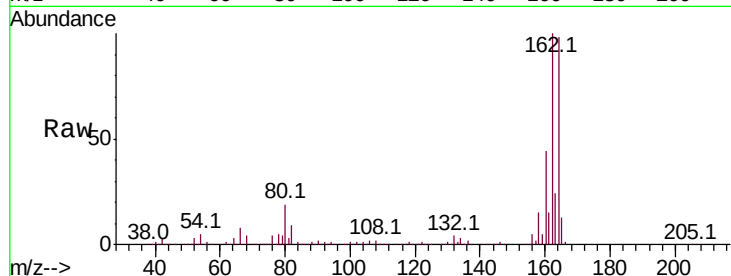




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112129.D
 Acq: 18 Jan 2019 17:26

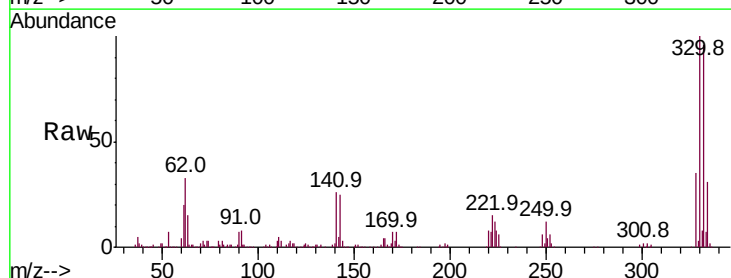
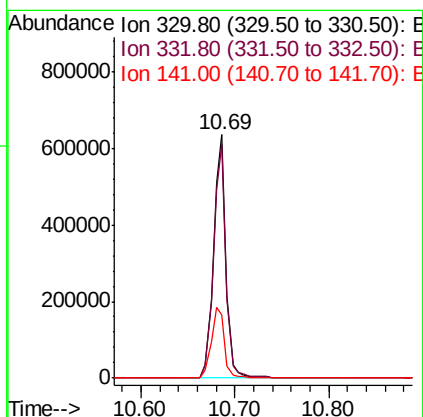
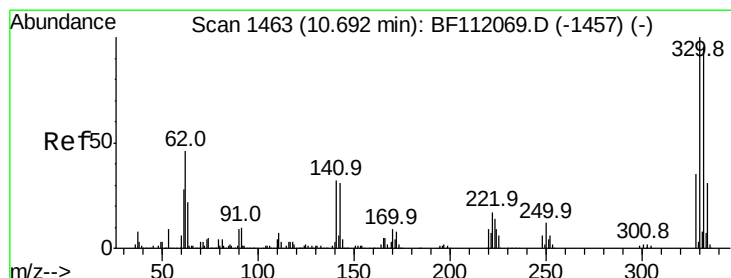
Instrument :
 BNA_F
 ClientSampleId :
 S2-FRONT-HOUSE-7

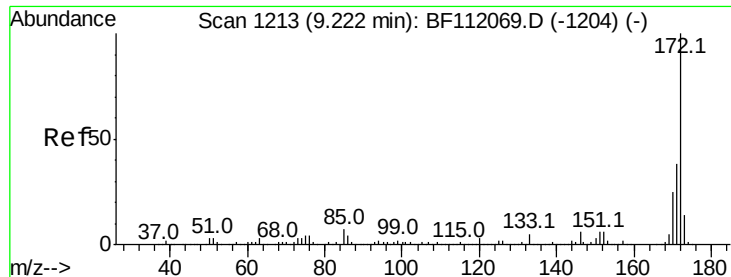
Tot Ion:164 Resp: 531162
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.2 123.4
 160 45.4 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 104.878 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112129.D
 Acq: 18 Jan 2019 17:26

Tgt Ion:330 Resp: 600958
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 30.9 24.3 36.5



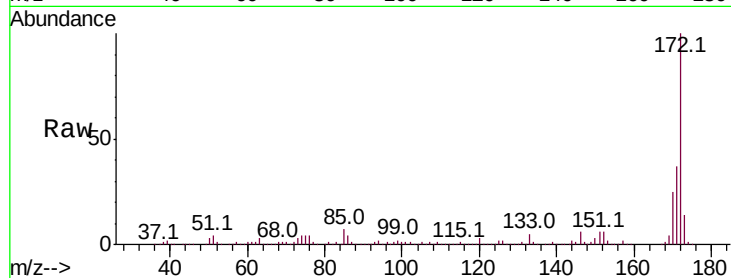


#45
2-Fluorobiphenyl
Concen: 59.337 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

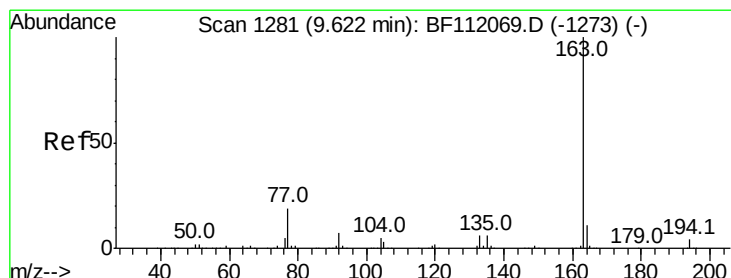
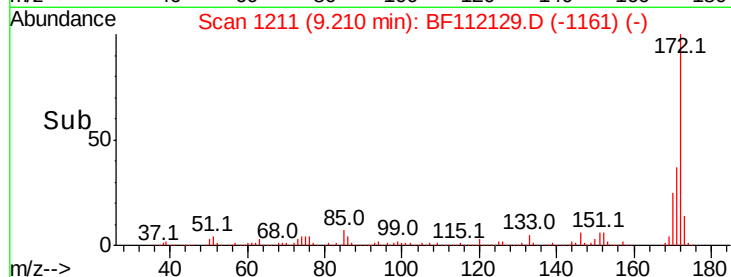
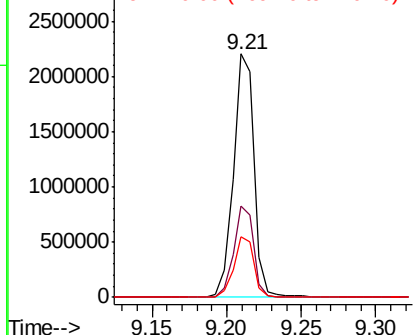
Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tot Ion:172 Resp: 2149732

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.8	20.2	30.4



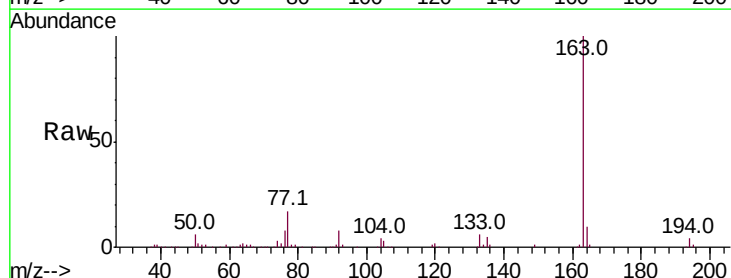
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



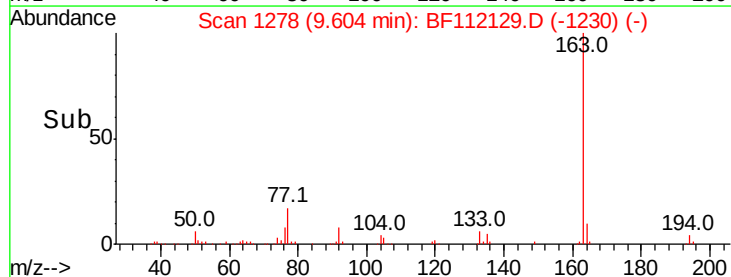
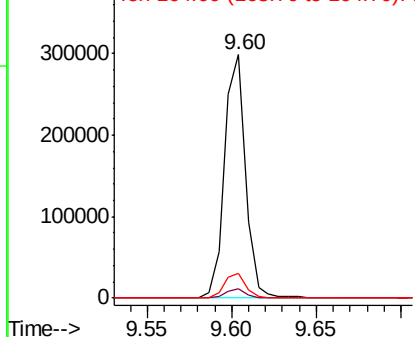
#50
Dimethylphthalate
Concen: 6.705 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

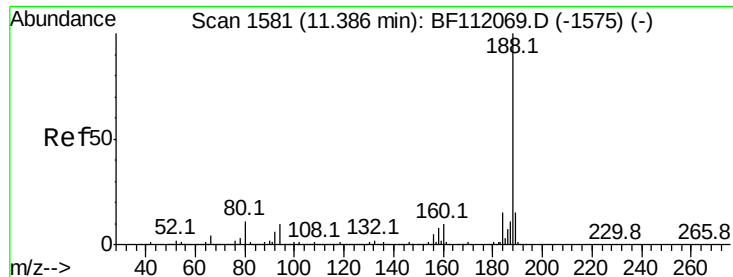
Tgt Ion:163 Resp: 259721

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	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

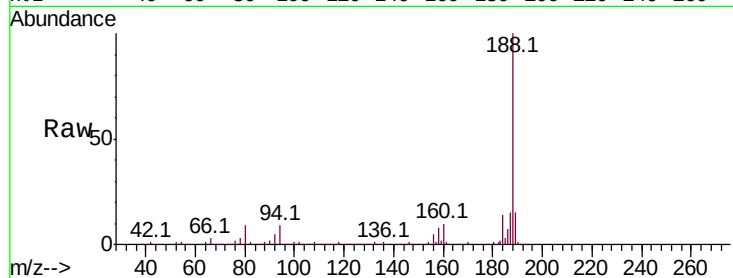




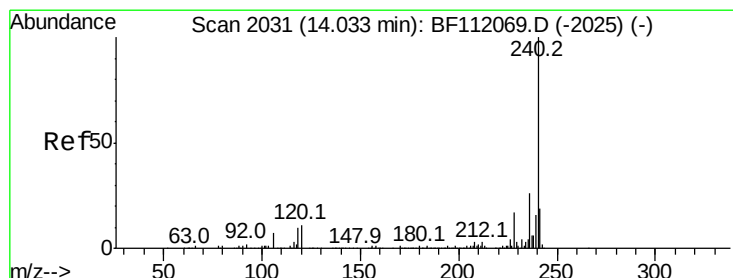
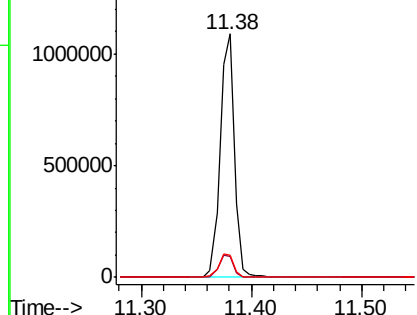
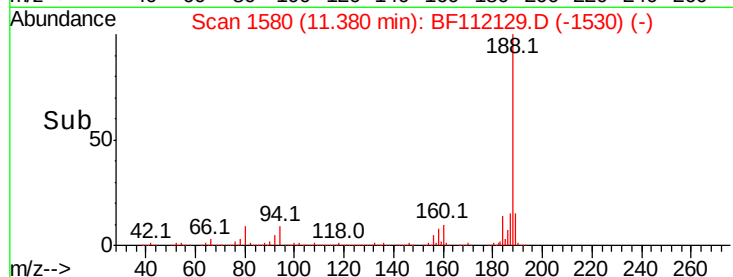
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tot Ion:188 Resp: 979854
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.1 8.9 13.3

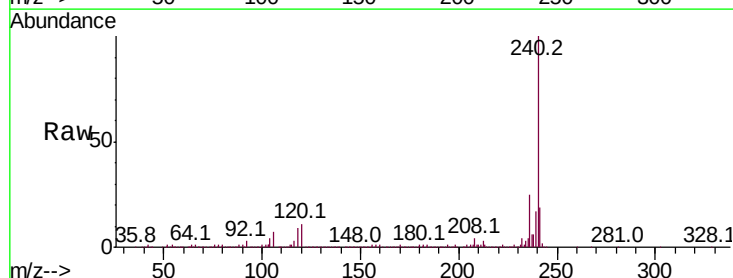


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

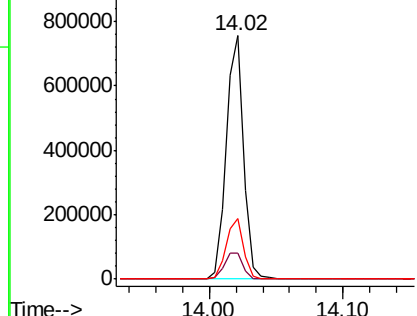
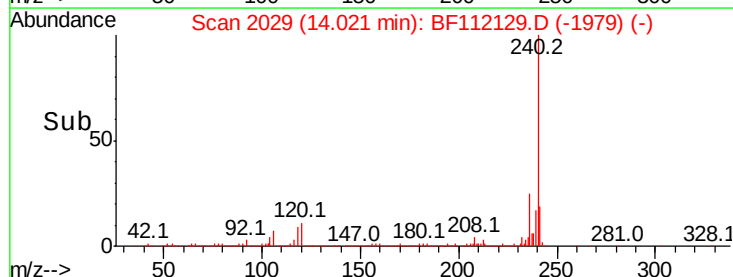


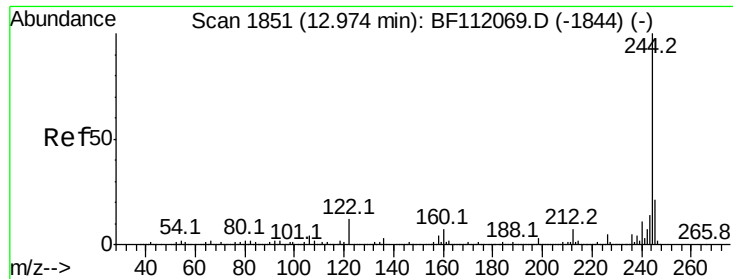
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:240 Resp: 693049
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 24.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.107 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112129.D

Acq: 18 Jan 2019 17:26

Instrument :

BNA_F

ClientSampleId :

S2-FRONT-HOUSE-7

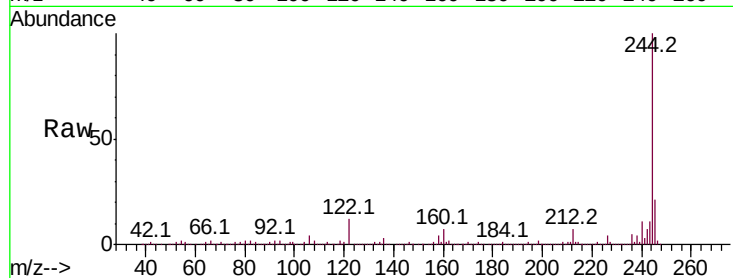
Tot Ion:244 Resp: 1990716

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

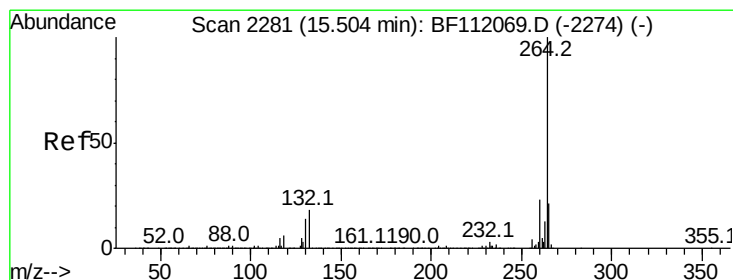
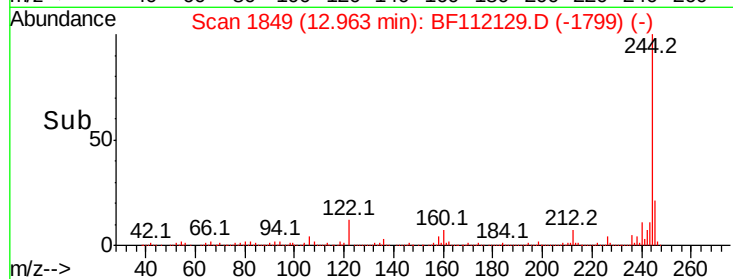
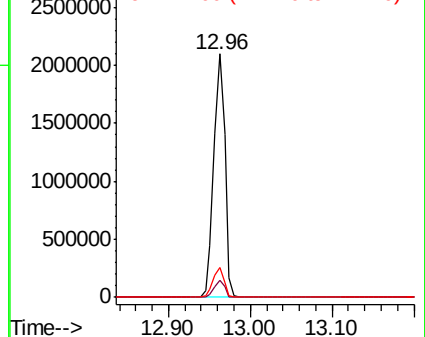
122 12.5 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112129.D

Acq: 18 Jan 2019 17:26

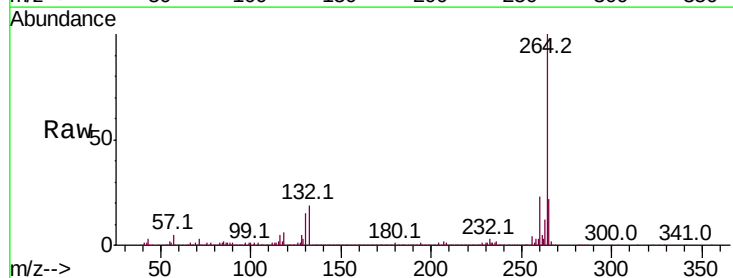
Tgt Ion:264 Resp: 704352

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.7 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

