

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111284.D
 Acq On : 11 Dec 2018 18:27
 Operator : JU/SJ
 Sample : J6157-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-DISSOLVED

Quant Time: Dec 12 00:42:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

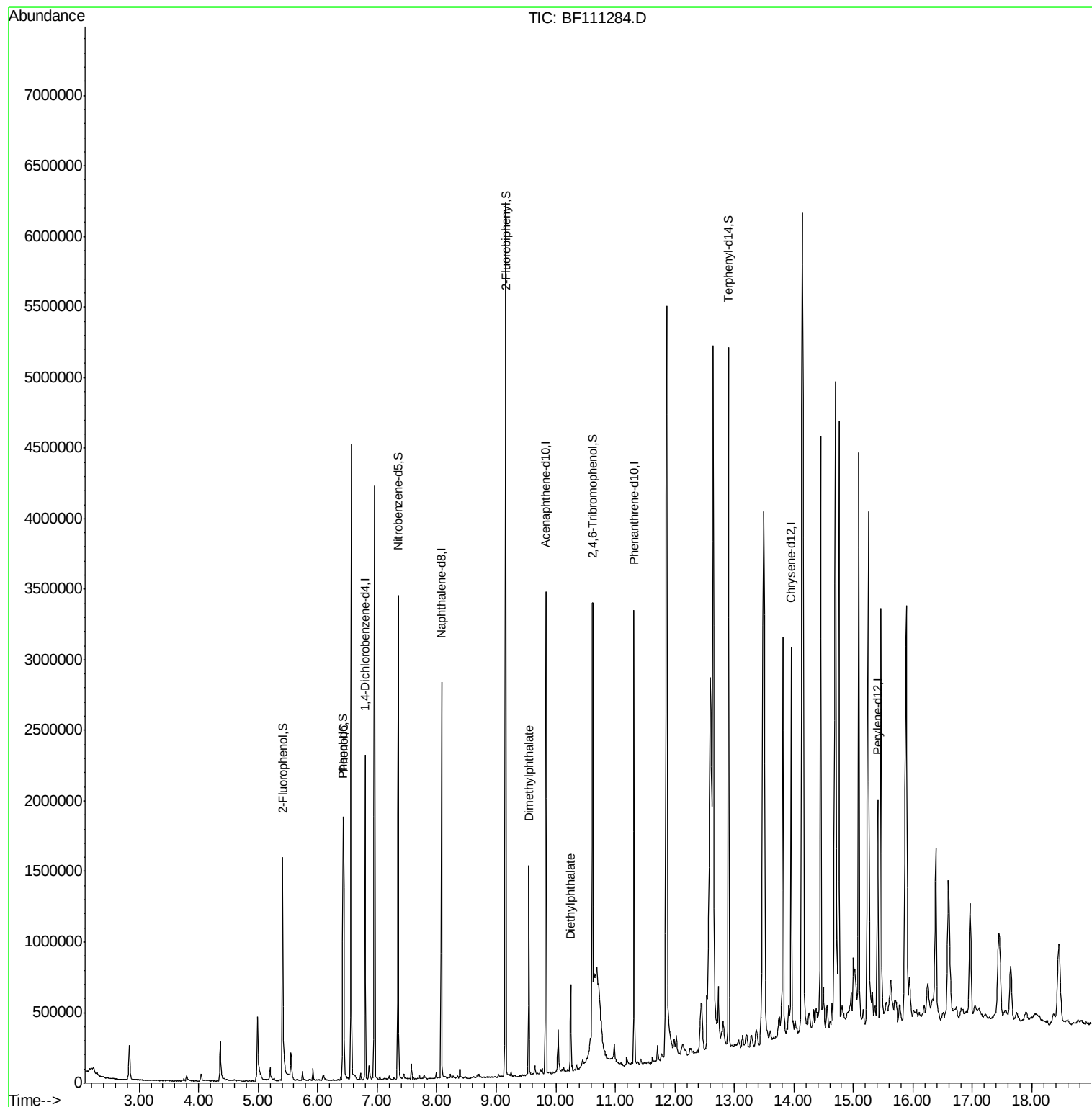
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	325504	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1304655	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	613619	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1096824	20.00	ng	0.00
76) Chrysene-d12	13.96	240	836150	20.00	ng	0.00
87) Perylene-d12	15.41	264	665265	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	604811	29.34	ng	0.00
7) Phenol-d6	6.42	99	543607	21.22	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1066387	45.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	344632	63.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1808979	43.66	ng	0.00
79) Terphenyl-d14	12.90	244	1575018	45.18	ng	0.00
Target Compounds						
10) Phenol	6.43	94	502668	16.781	ng	92
50) Dimethylphthalate	9.55	163	581978	12.854	ng	98
60) Diethylphthalate	10.25	149	192100	4.450	ng	96

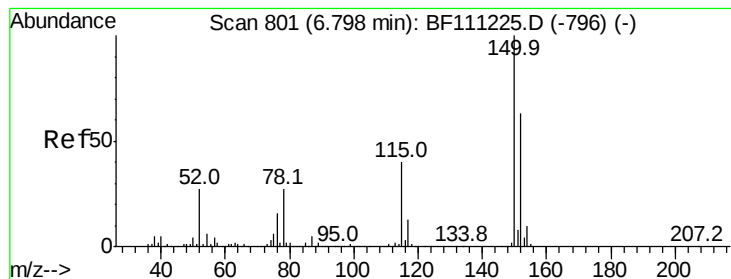
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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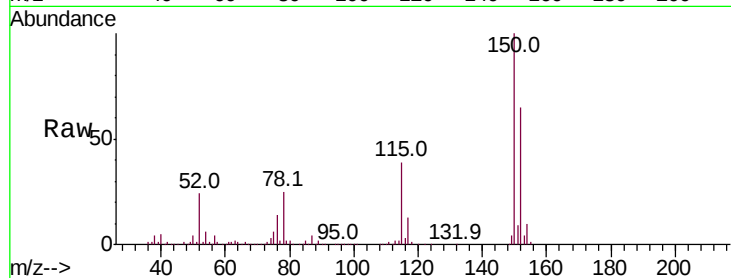


#1

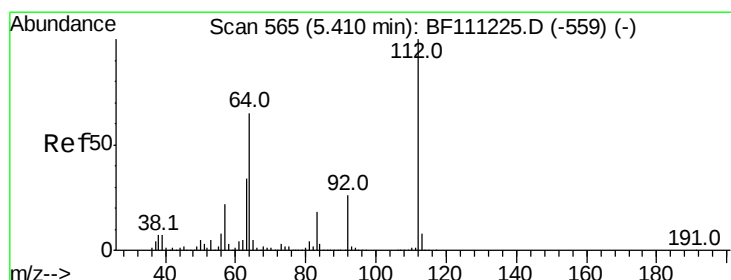
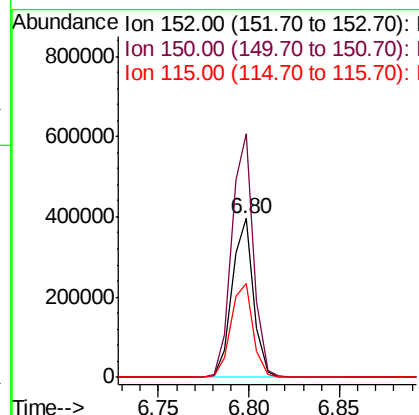
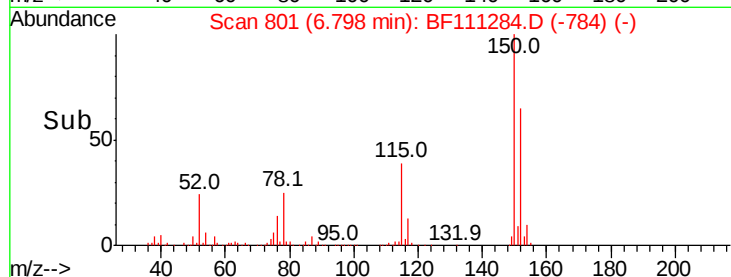
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

Tot Ion:152 Resp: 325504
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 59.2 50.7 76.1



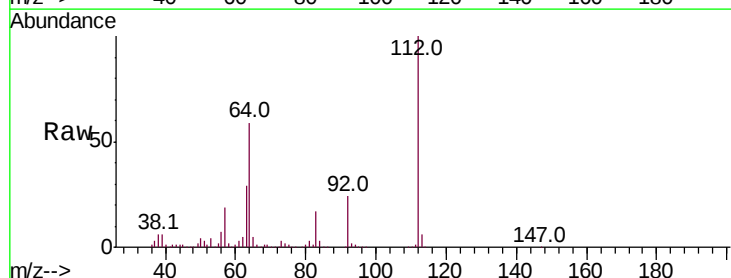
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



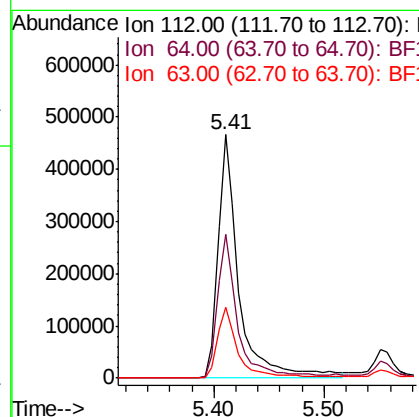
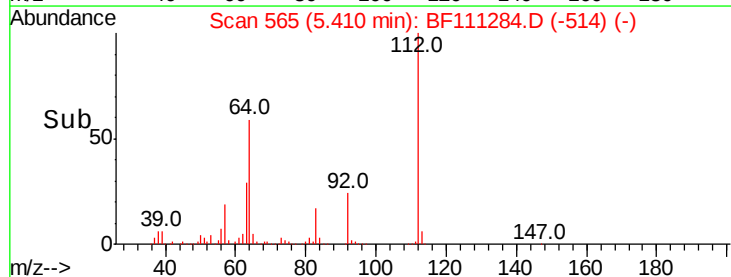
#5

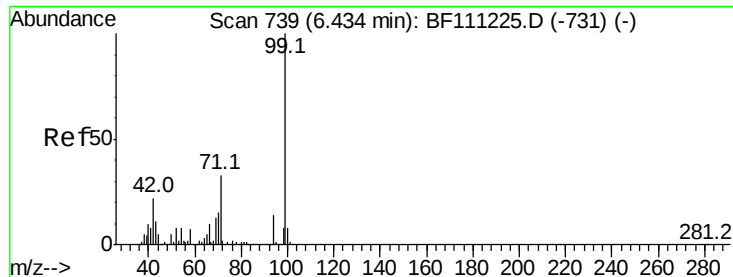
2-Fluorophenol
Concen: 29.340 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Tgt Ion:112 Resp: 604811
Ion Ratio Lower Upper
112 100
64 59.3 51.8 77.6
63 29.2 26.8 40.2



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: 21.220 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111284.D

Acq: 11 Dec 2018 18:27

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-DISSOLVED

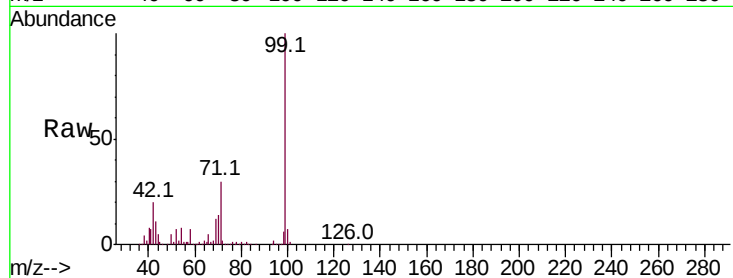
Tot Ion: 99 Resp: 543607

Ion Ratio Lower Upper

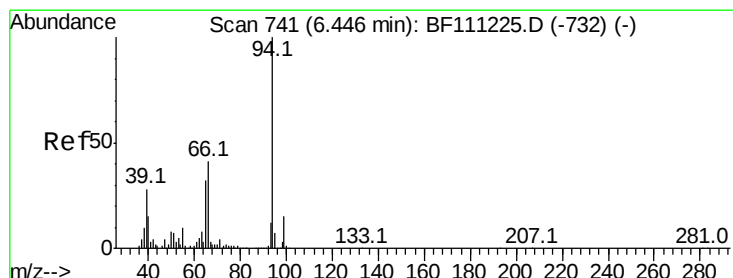
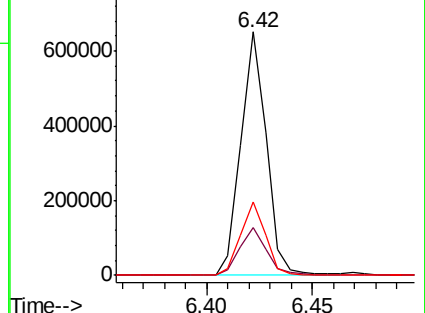
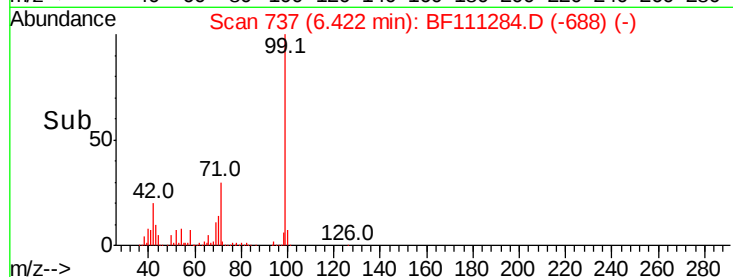
99 100

42 19.8 17.4 26.0

71 29.9 26.1 39.1



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: 16.781 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111284.D

Acq: 11 Dec 2018 18:27

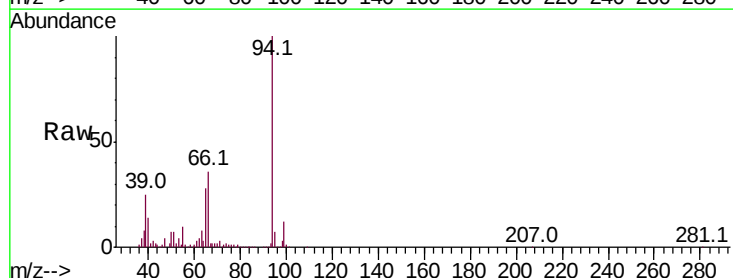
Tgt Ion: 94 Resp: 502668

Ion Ratio Lower Upper

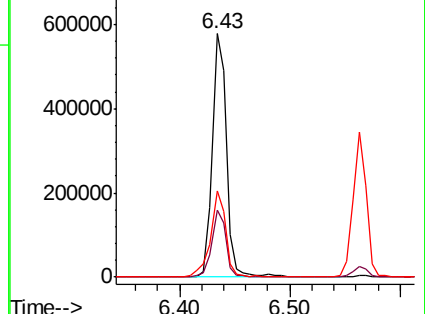
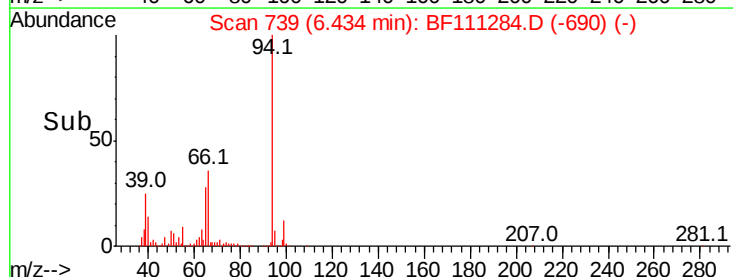
94 100

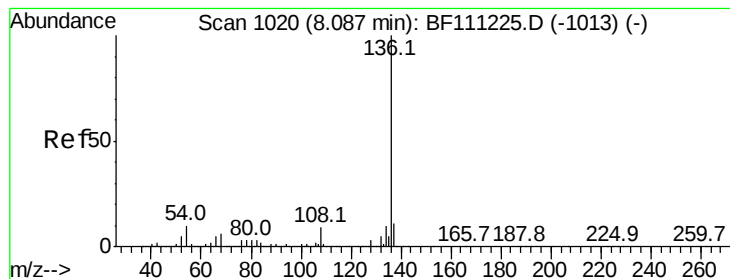
65 27.6 11.7 51.7

66 35.6 21.0 61.0



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111284.D

Acq: 11 Dec 2018 18:27

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-DISSOLVED

Tot Ion:136 Resp: 1304655

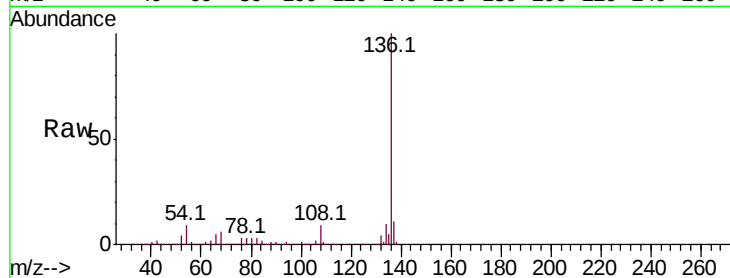
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.9 7.7 11.5

68 5.9 4.9 7.3

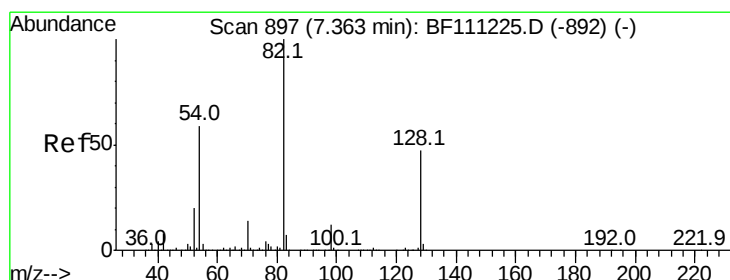
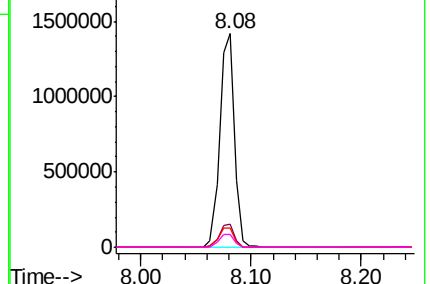
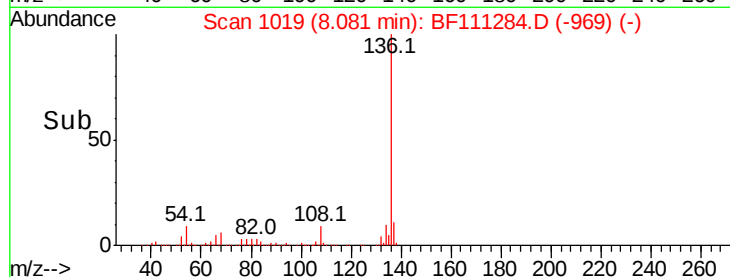


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.845 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111284.D

Acq: 11 Dec 2018 18:27

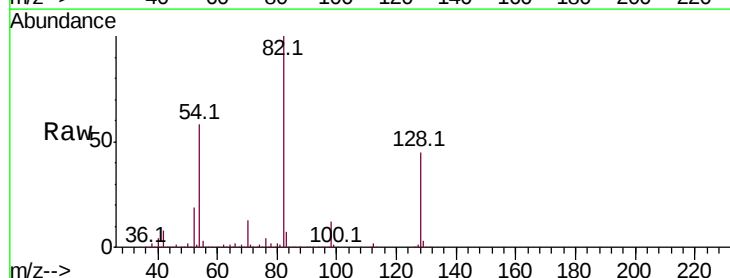
Tgt Ion: 82 Resp: 1066387

Ion Ratio Lower Upper

82 100

128 45.1 37.4 56.2

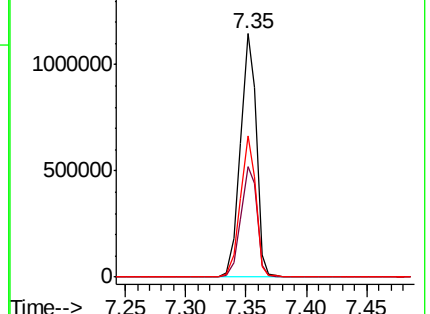
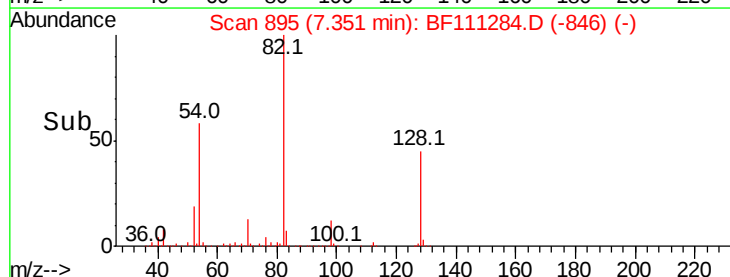
54 58.2 47.6 71.4

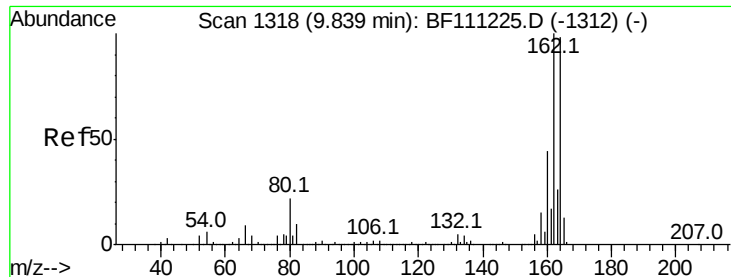


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

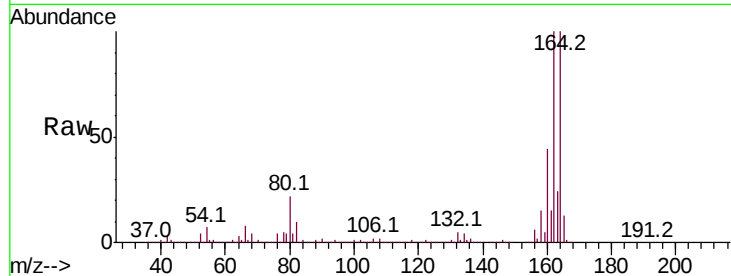




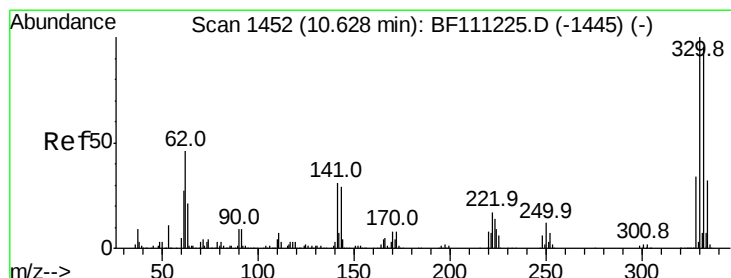
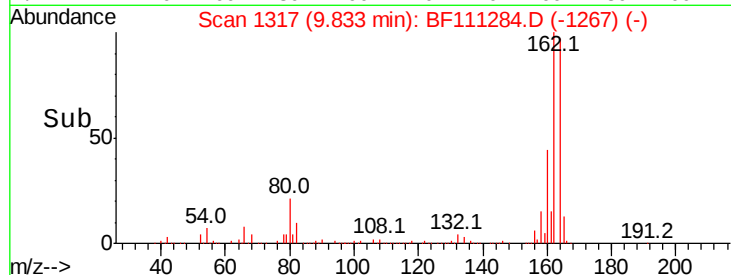
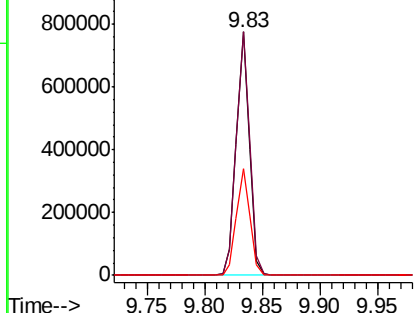
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111284.D
 Acq: 11 Dec 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-DISSOLVED

Tot Ion:164 Resp: 613619
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.4 122.0
 160 43.6 35.7 53.5

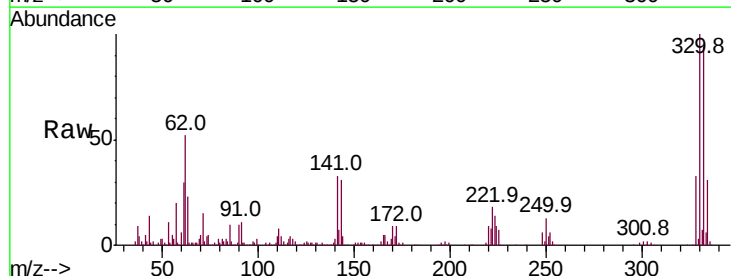


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

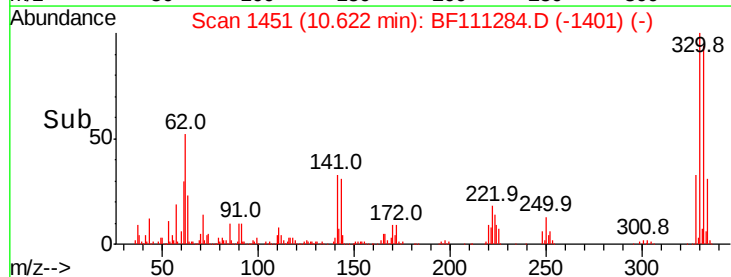
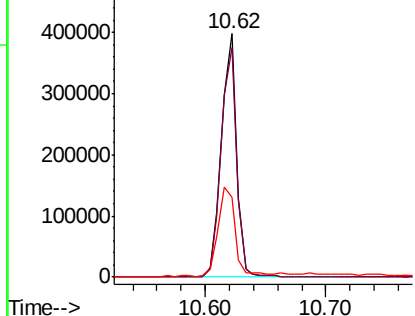


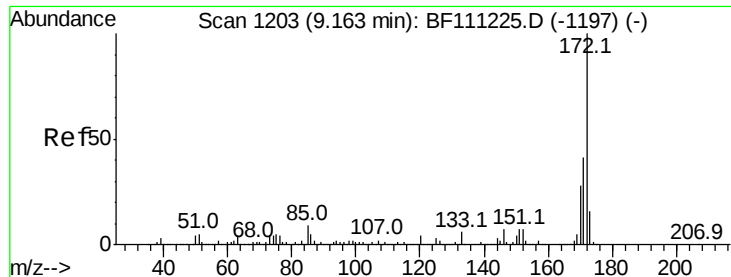
#42
 2,4,6-Tribromophenol
 Concen: 63.404 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111284.D
 Acq: 11 Dec 2018 18:27

Tgt Ion:330 Resp: 344632
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 42.0 31.0 46.6



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

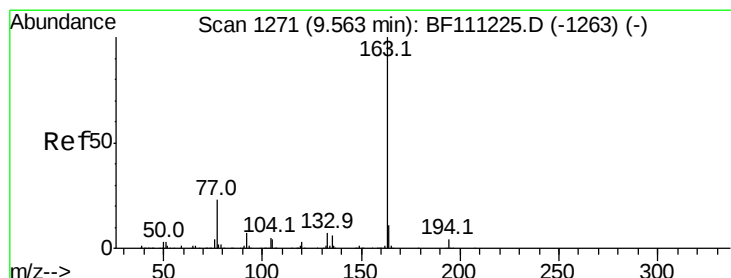
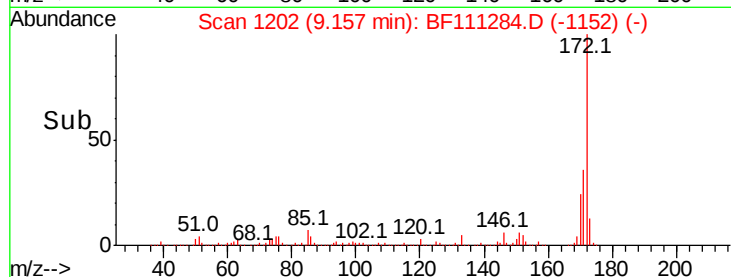
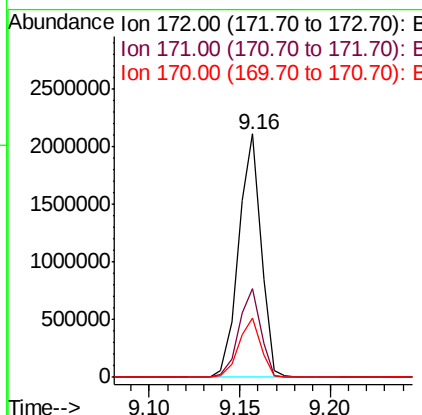
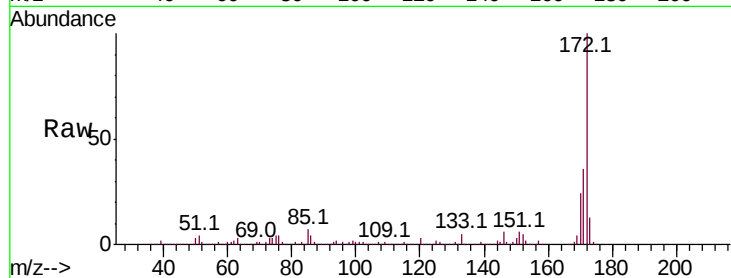




#45
2-Fluorobiphenyl
Concen: 43.664 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

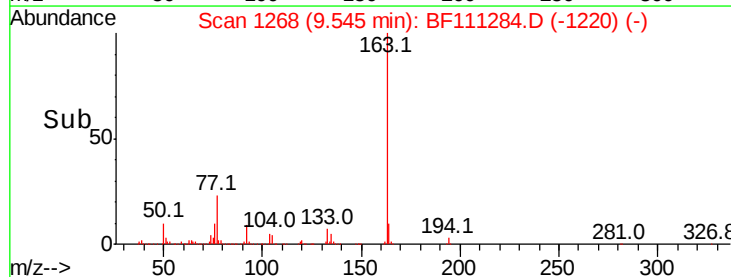
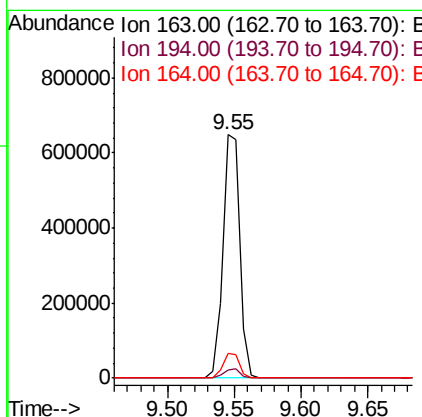
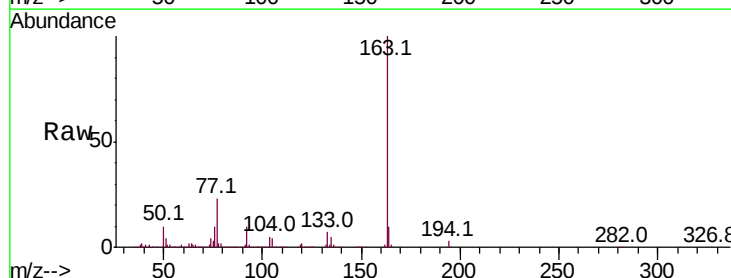
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COMPOSITE-1-DISSOLVED

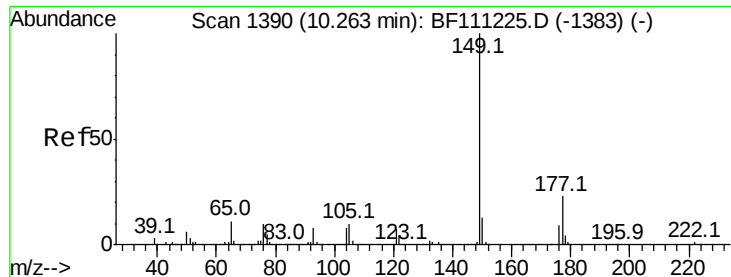
Tot Ion:172 Resp: 1808979
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.4 22.3 33.5



#50
Dimethylphthalate
Concen: 12.854 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Tgt Ion:163 Resp: 581978
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.2 8.9 13.3

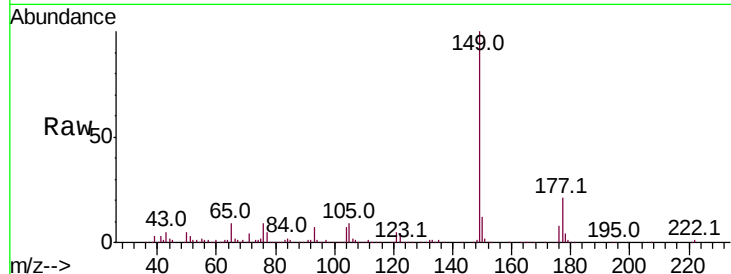




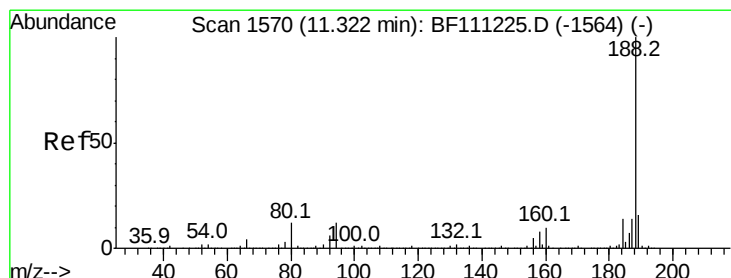
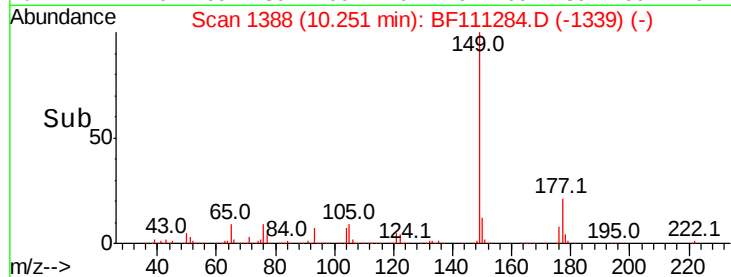
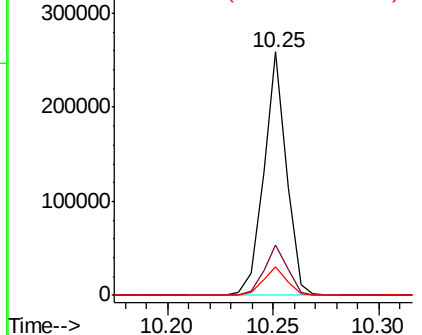
#60
Diethylphthalate
Concen: 4.450 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

Tot Ion:149	Resp:	192100
Ion Ratio	Lower	Upper
149	100	
177	20.6	18.3 27.5
150	11.9	10.6 15.8

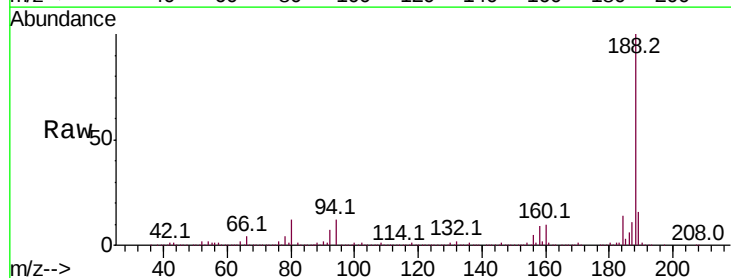


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

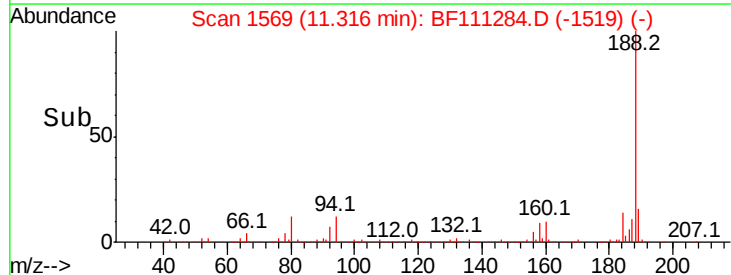
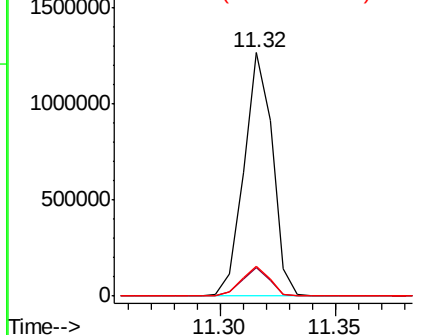


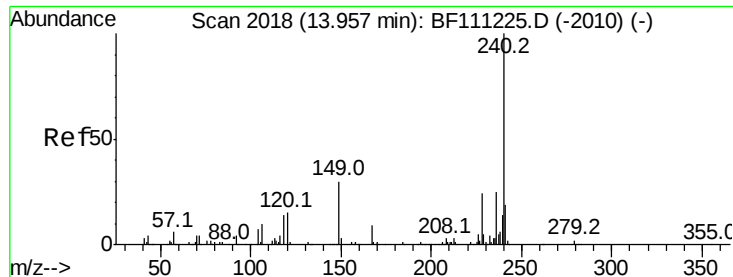
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Tgt Ion:188	Resp:	1096824
Ion Ratio	Lower	Upper
188	100	
94	11.6	9.6 14.4
80	12.5	9.8 14.6



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

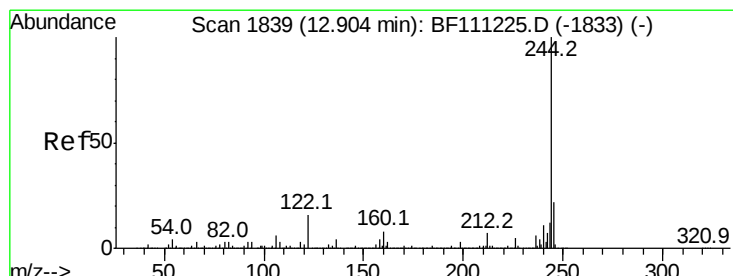
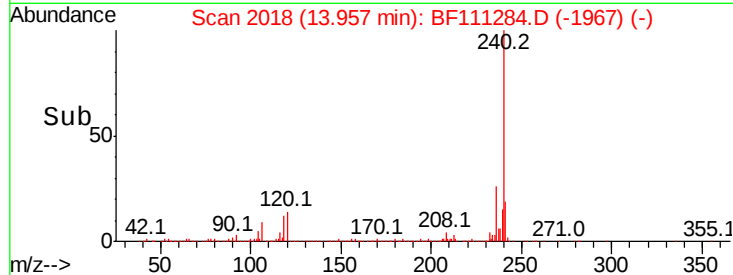
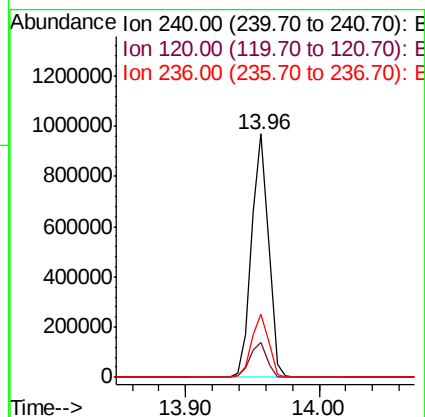
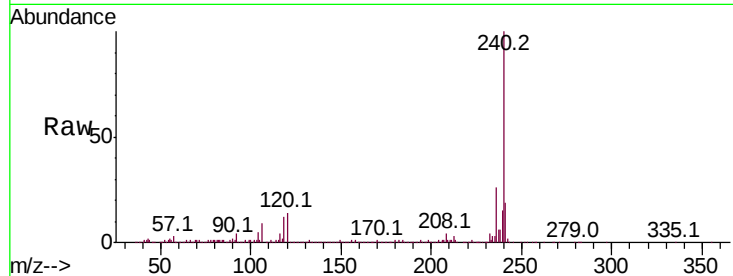




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

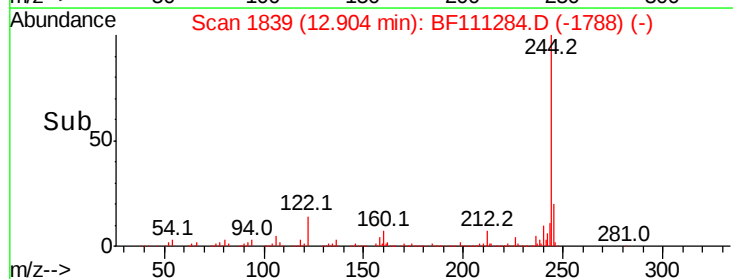
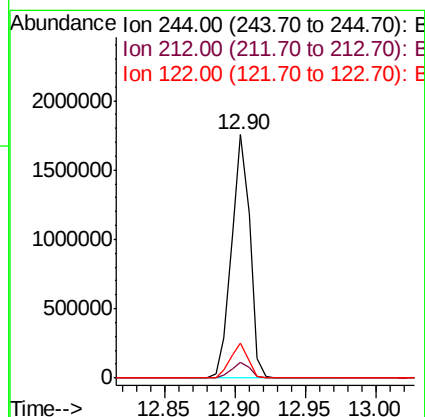
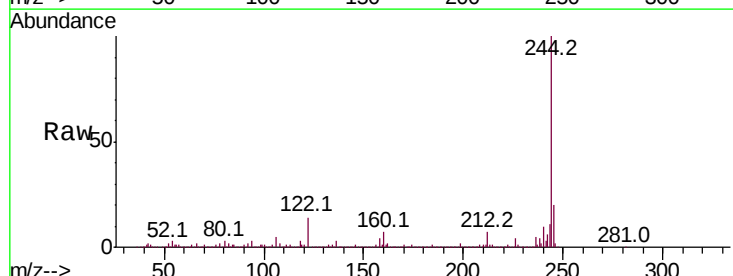
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

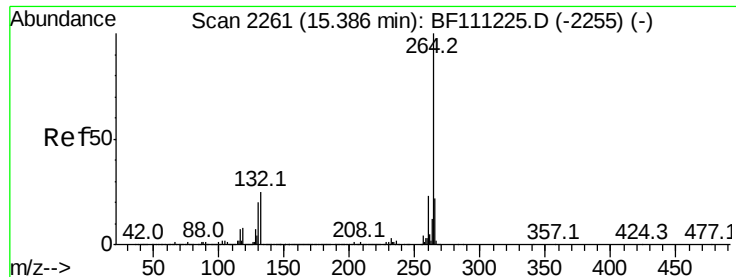
Tot Ion:240 Resp: 836150
Ion Ratio Lower Upper
240 100
120 14.2 12.2 18.2
236 25.7 20.2 30.2



#79
Terphenyl-d14
Concen: 45.182 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Tgt Ion:244 Resp: 1575018
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 14.4 13.1 19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.1	17.7	26.5

