

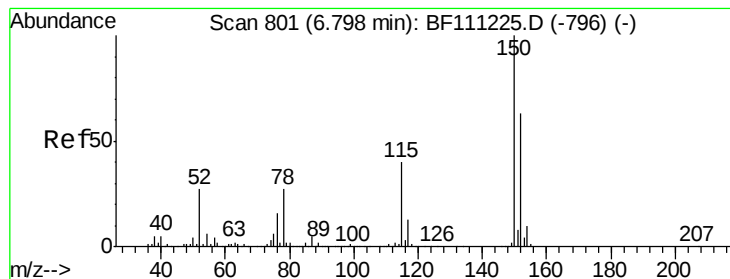
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111284.D
 Acq On : 11 Dec 2018 18:27
 Operator : JU/SJ
 Sample : J6157-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-DISSOLVED

Quant Time: Dec 12 00:26:10 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						
9) Benzaldehyde	6.33	77	1854	Below Cal		Qvalue # 86
10) Phenol	6.43	94	502668	16.781 ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	139676	8.139 ng	#	80
25) Isophorone	7.35	82	1049946	26.502 ng	#	64
46) 1,1'-Biphenyl	9.26	154	4210	Below Cal		95
50) Dimethylphthalate	9.55	163	581978	12.854 ng		98
57) 2,4-Dinitrotoluene	9.83	165	79720	6.467 ng	#	25
60) Diethylphthalate	10.25	149	192100	4.450 ng		96

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



#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

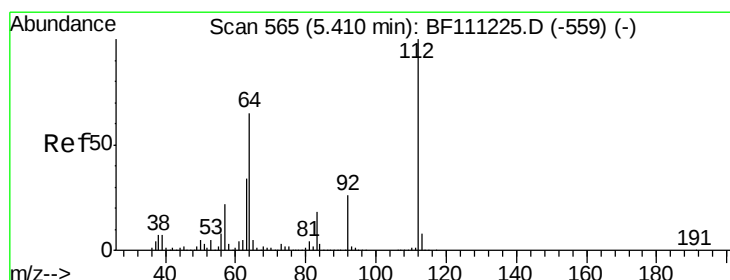
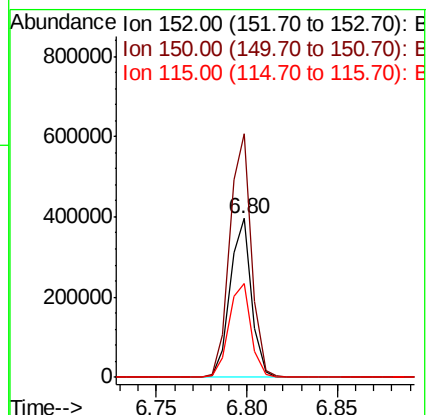
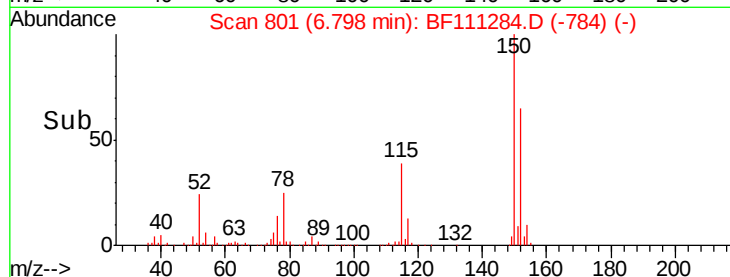
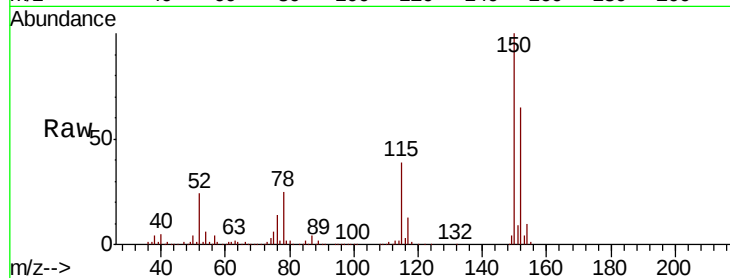
Tgt Ion:152 Resp: 325504

Ion Ratio Lower Upper

152 100

150 153.1 126.6 189.8

115 59.2 50.7 76.1



#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

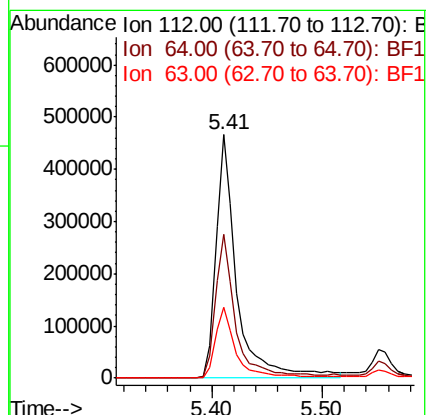
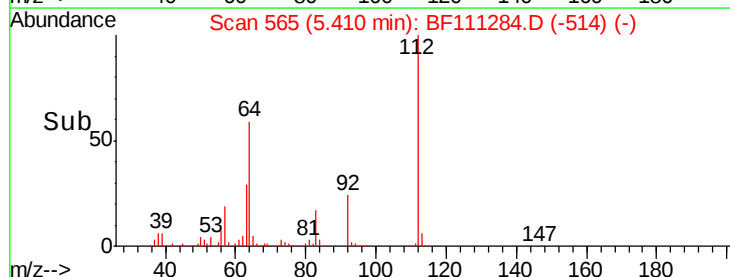
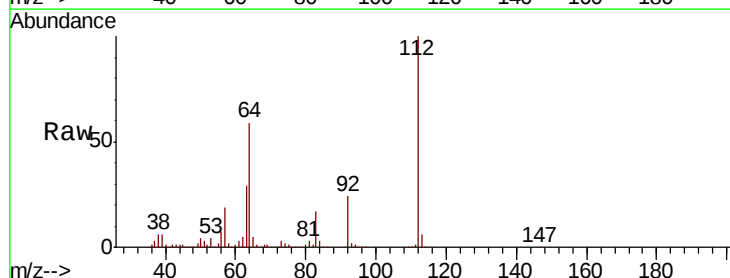
Tgt Ion:112 Resp: 604811

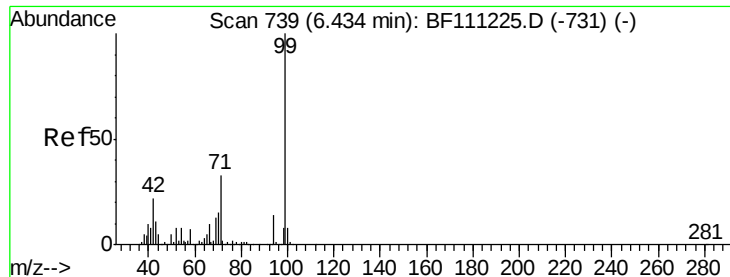
Ion Ratio Lower Upper

112 100

64 59.3 51.8 77.6

63 29.2 26.8 40.2





#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

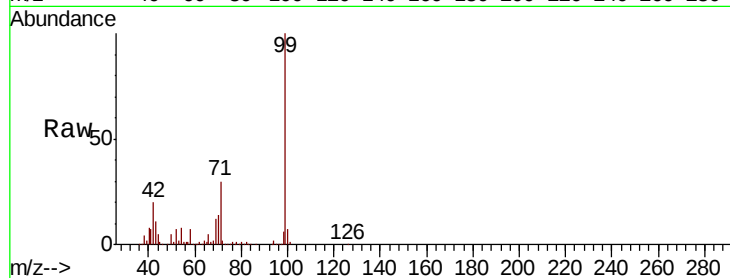
Tgt Ion: 99 Resp: 543607

Ion Ratio Lower Upper

99 100

42 19.8 17.4 26.0

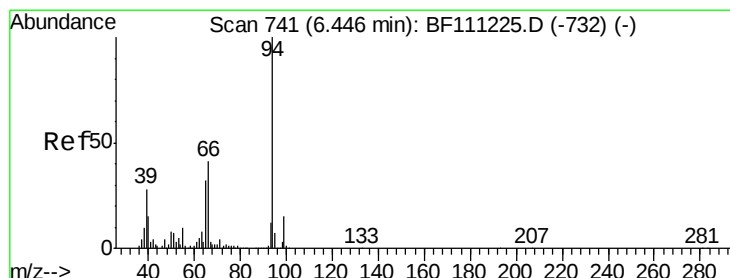
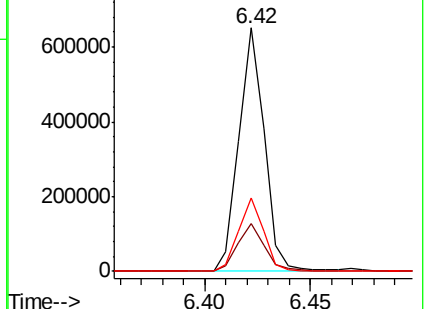
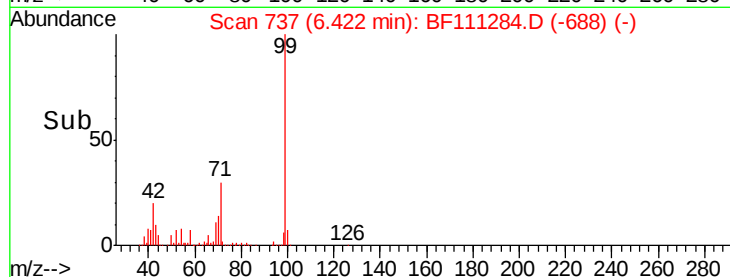
71 29.9 26.1 39.1



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

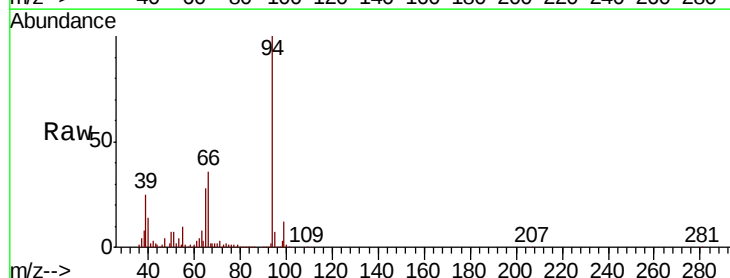
Tgt Ion: 94 Resp: 502668

Ion Ratio Lower Upper

94 100

65 27.6 11.7 51.7

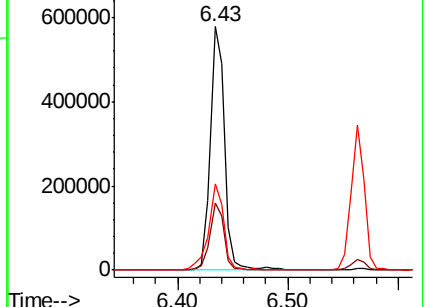
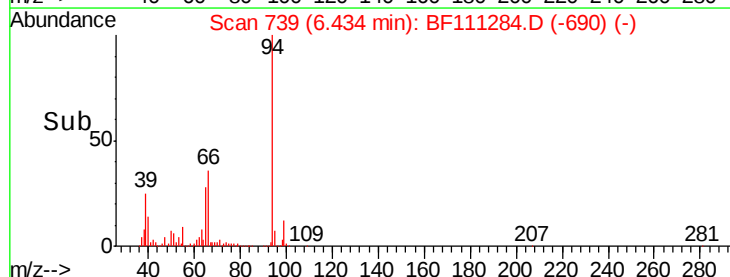
66 35.6 21.0 61.0

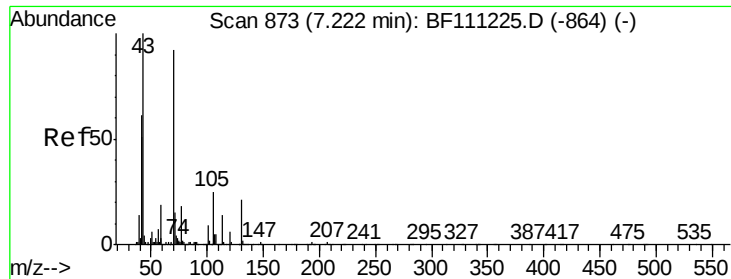


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

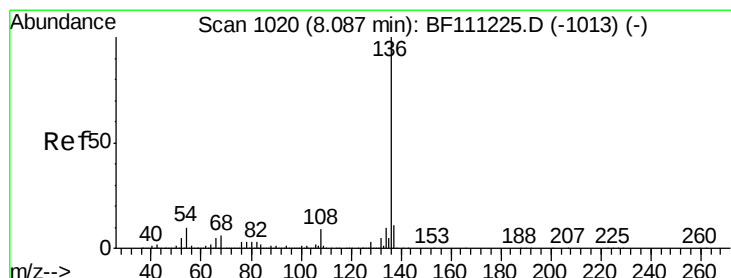
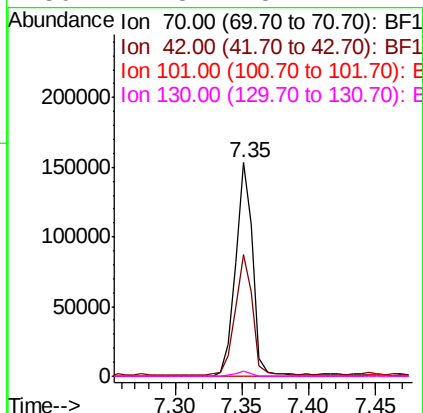
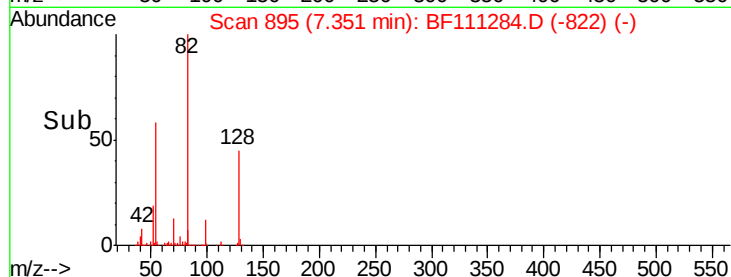
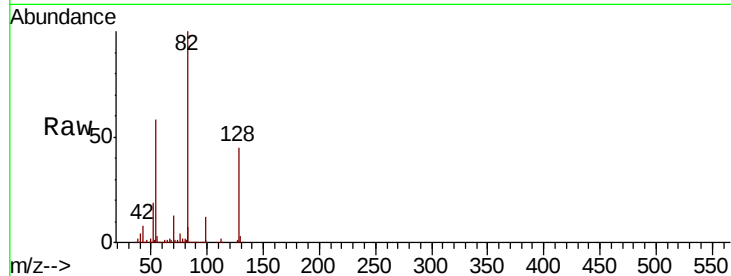




#19
n-Nitroso-di-n-propylamine
Concen: 8.139 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

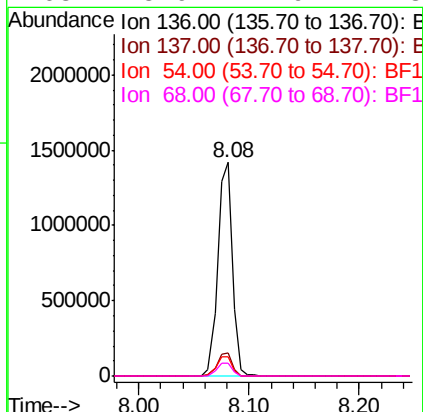
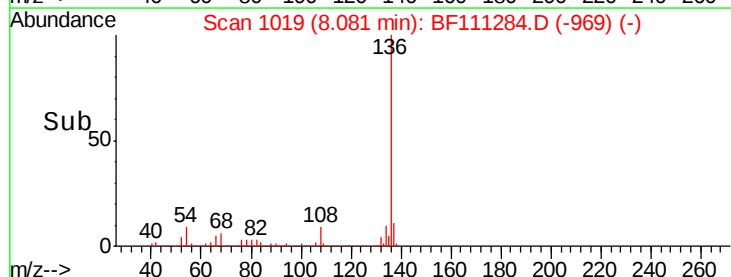
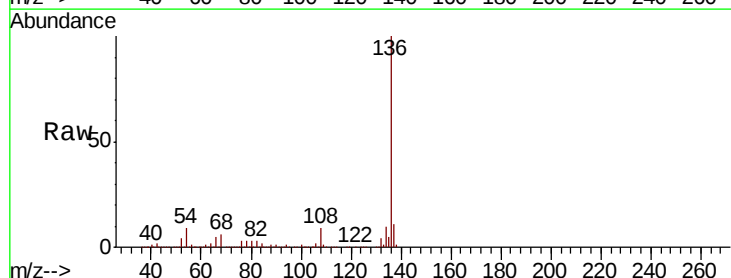
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

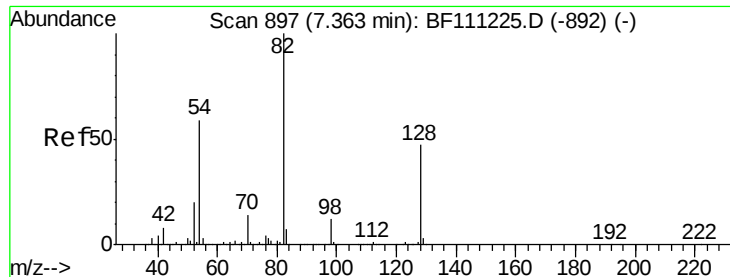
Tgt Ion:	70	Resp:	139676
Ion	Ratio	Lower	Upper
70	100		
42	57.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



#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

Tgt 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

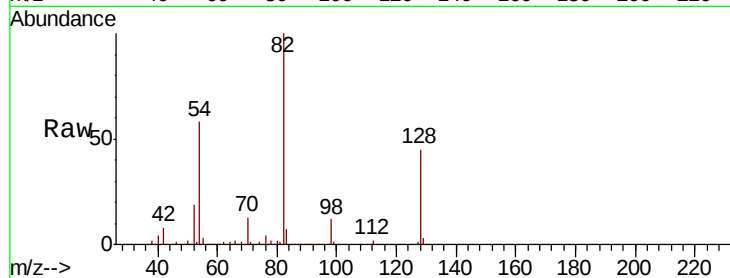




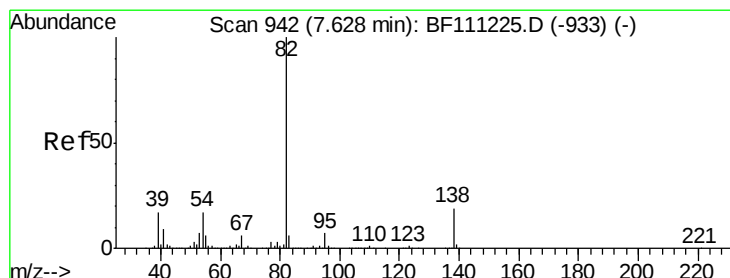
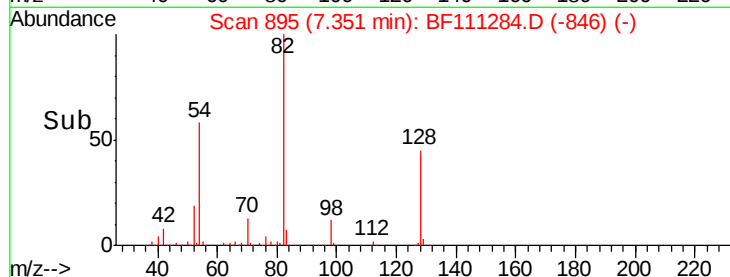
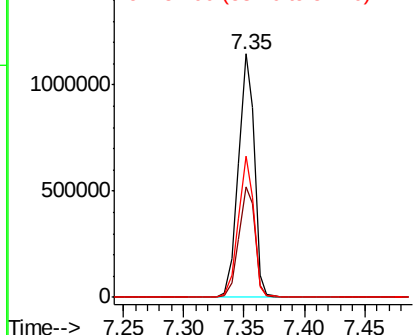
#23
 Nitrobenzene-d5
 Concen: 45.845 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111284.D
 Acq: 11 Dec 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-DISSOLVED

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

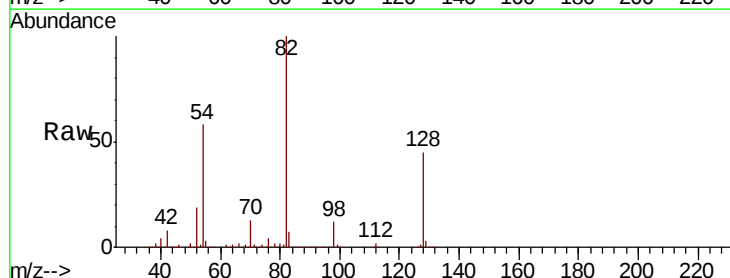


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

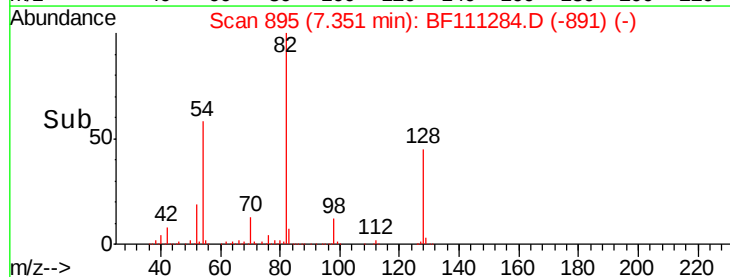
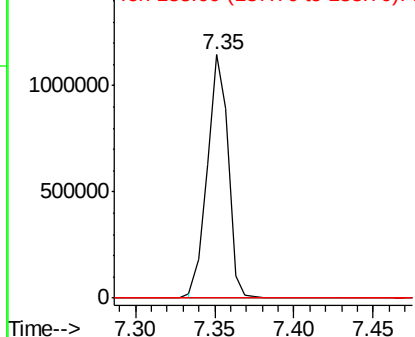


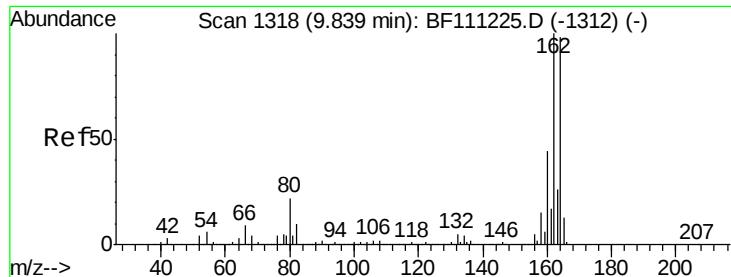
#25
 Isophorone
 Concen: 26.502 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111284.D
 Acq: 11 Dec 2018 18:27

Tgt Ion: 82 Resp: 1049946
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.4 8.2#
 138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

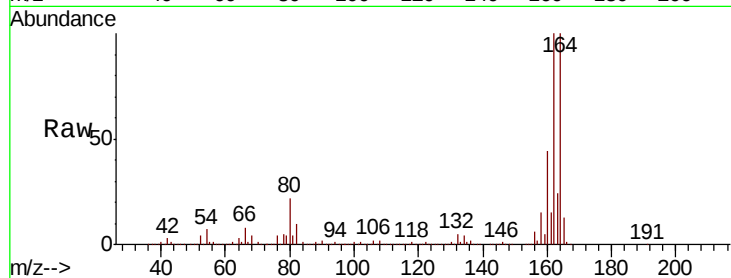




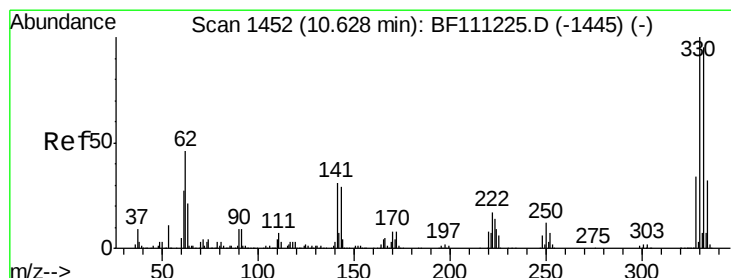
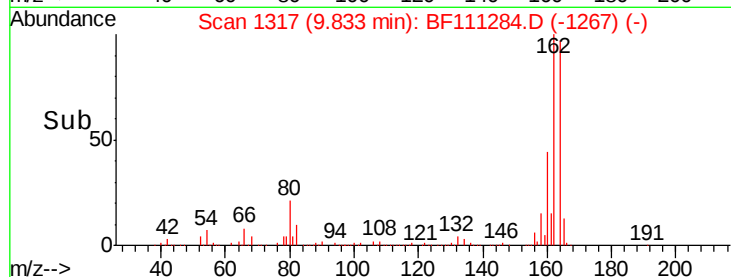
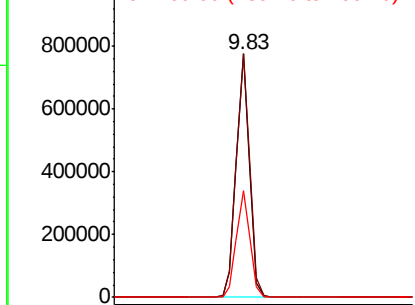
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

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

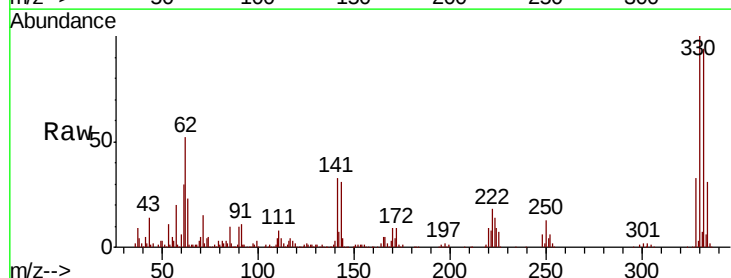


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

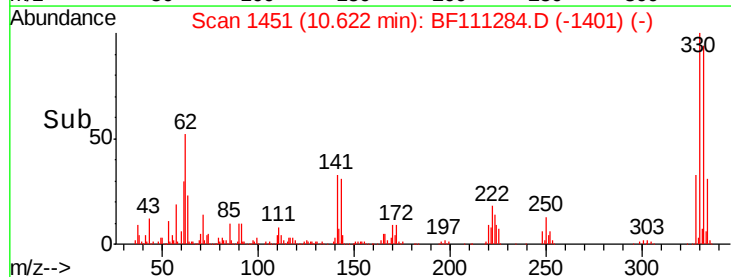
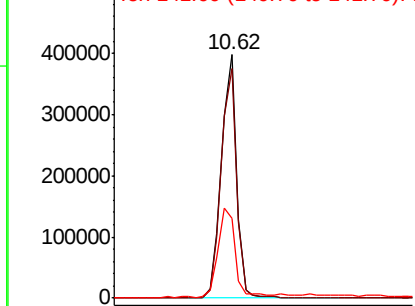


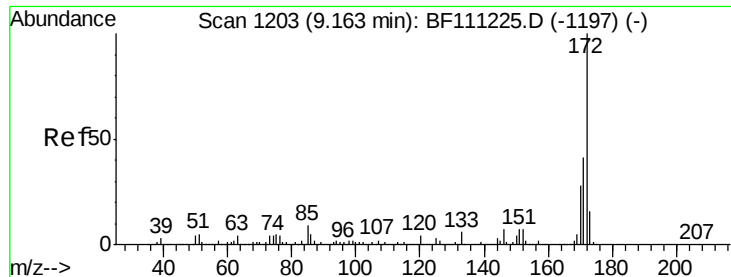
#42
2,4,6-Tribromophenol
Concen: 63.404 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

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

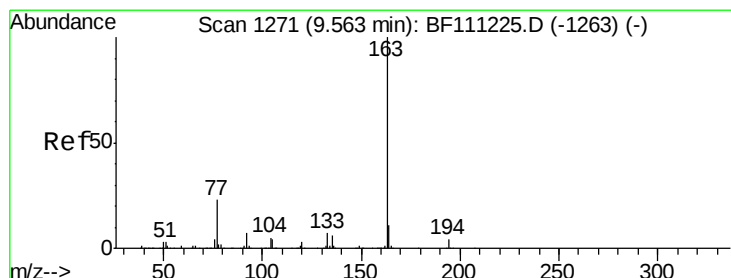
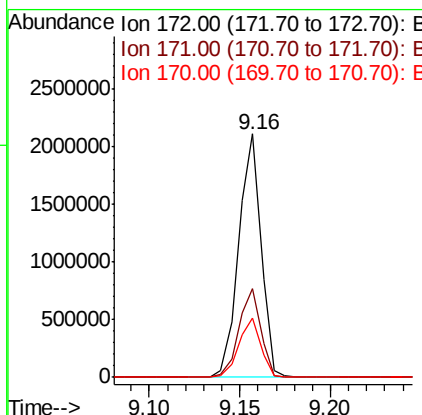
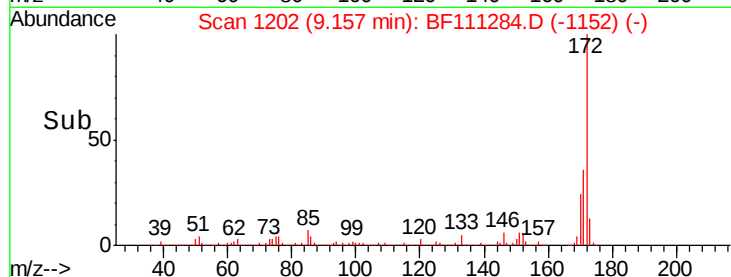
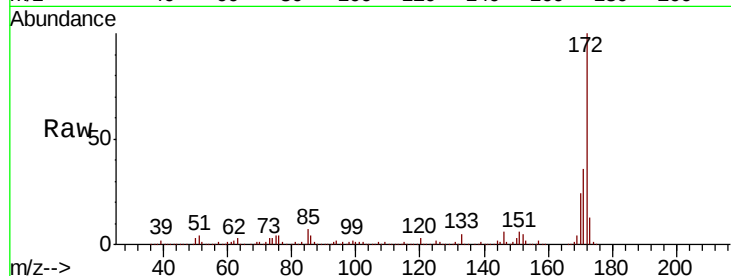




#45
2-Fluorobiphenyl
Concen: 43.664 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

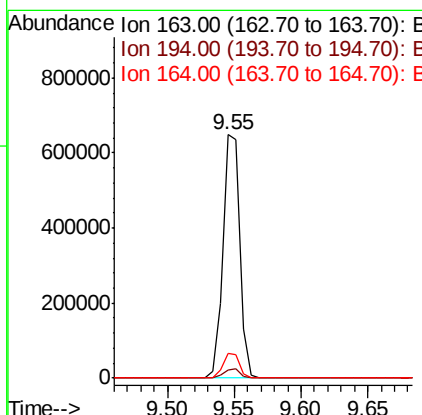
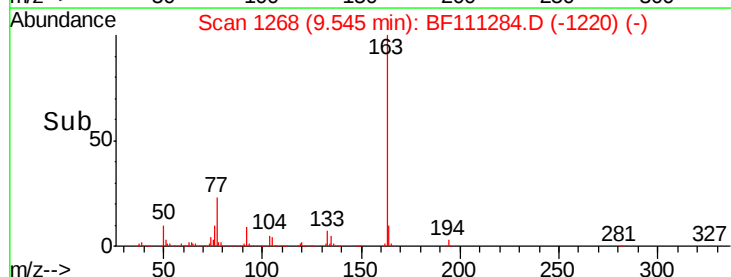
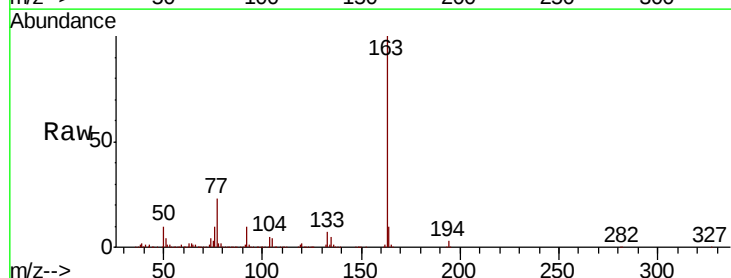
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

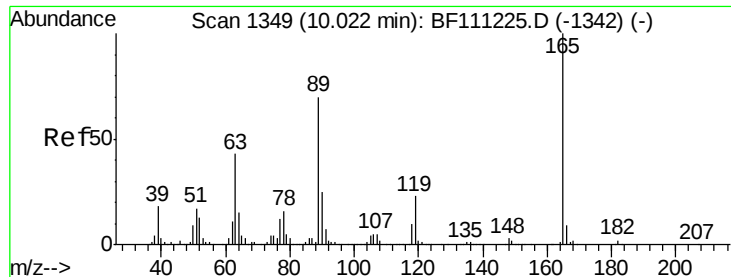
Tgt Ion:172 Resp: 1808979
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.4 22.3 33.5



#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

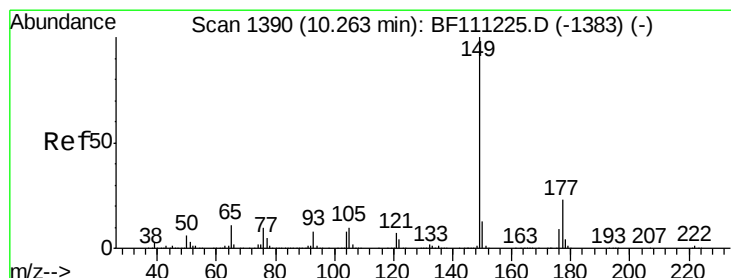
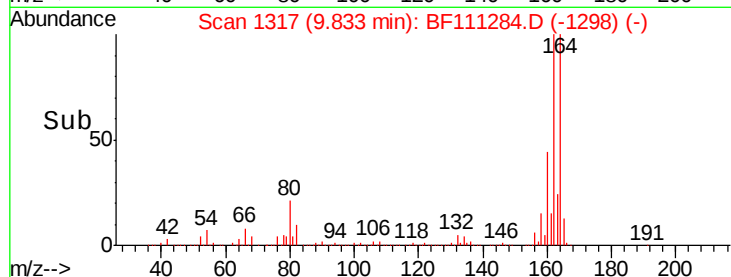
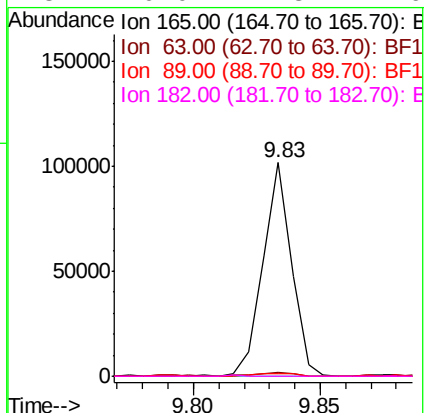
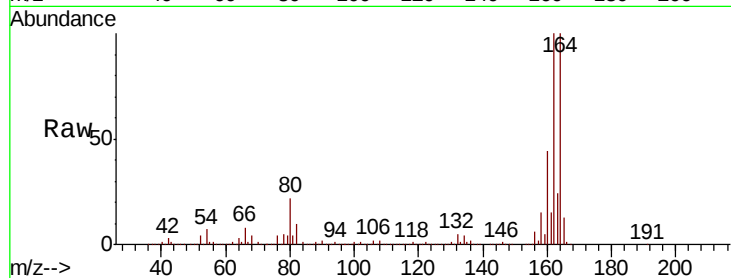




#57
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

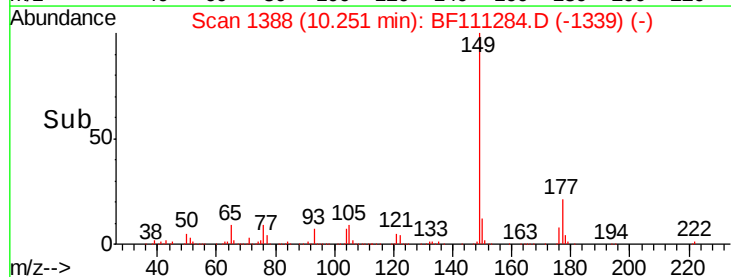
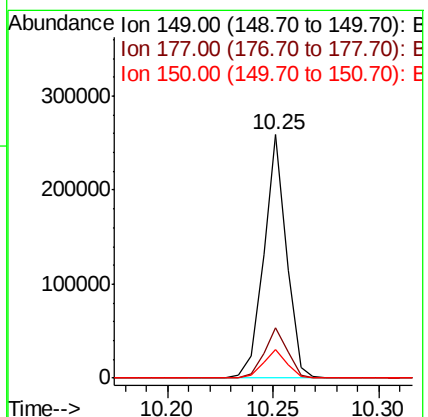
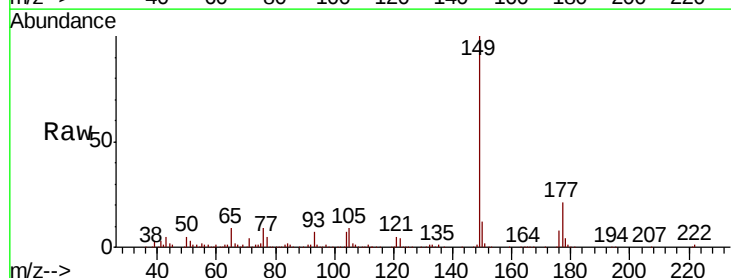
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

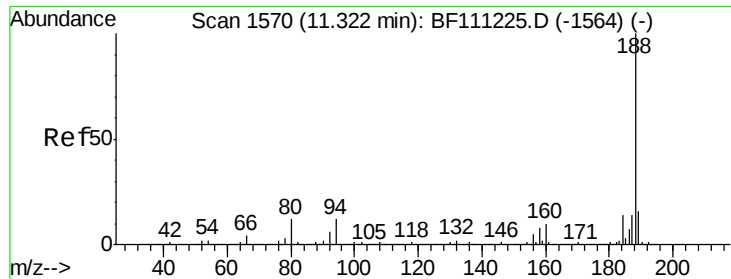
Tgt Ion:	165	Resp:	79720
Ion Ratio	Lower	Upper	
165	100		
63	1.5	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



#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

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

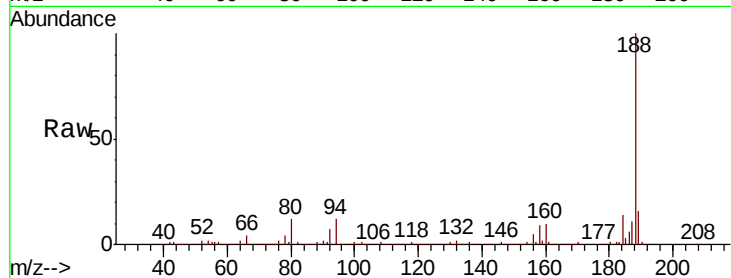




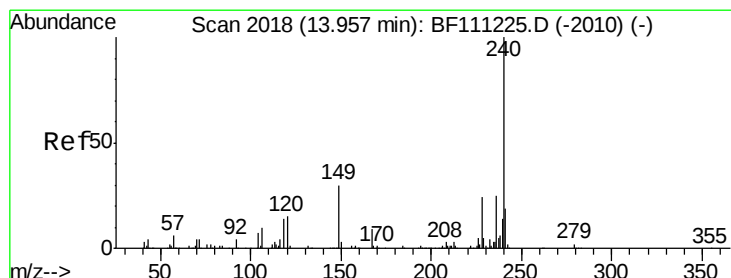
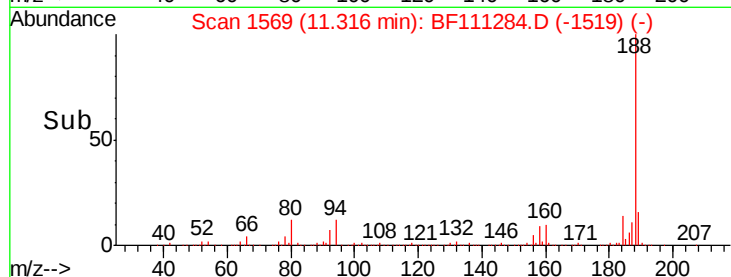
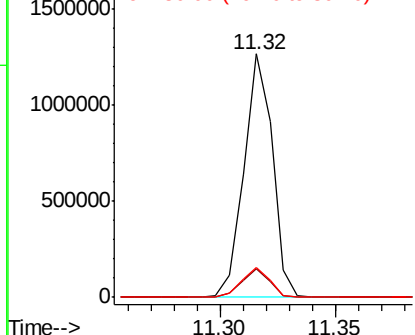
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-DISSOLVED

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

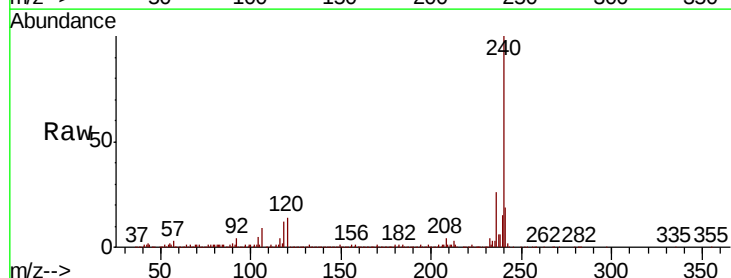


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

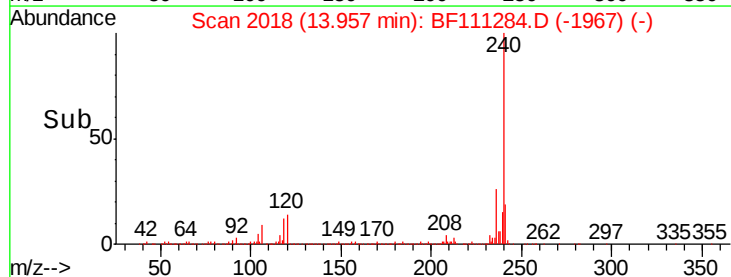
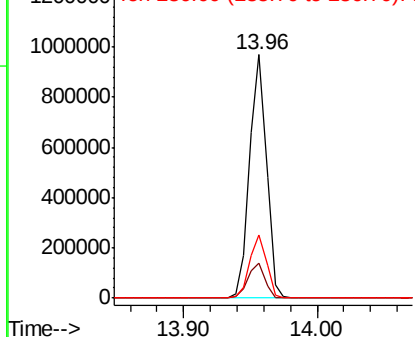


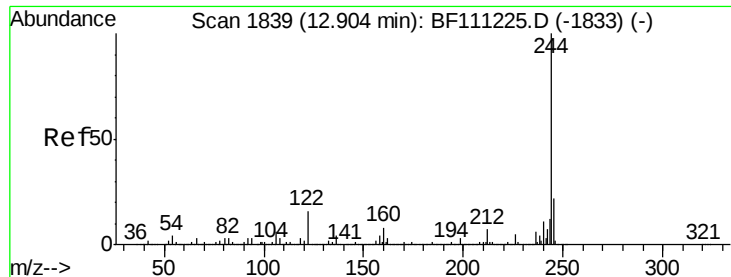
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111284.D
Acq: 11 Dec 2018 18:27

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



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: 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

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-DISSOLVED

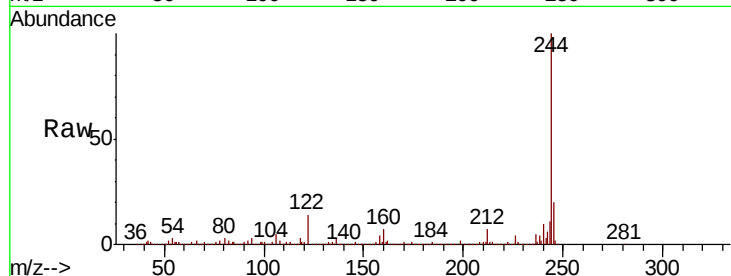
Tgt Ion:244 Resp: 1575018

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

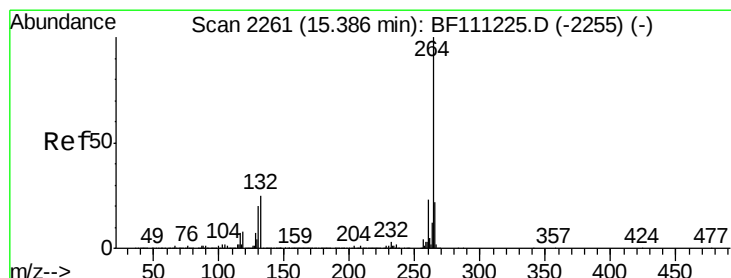
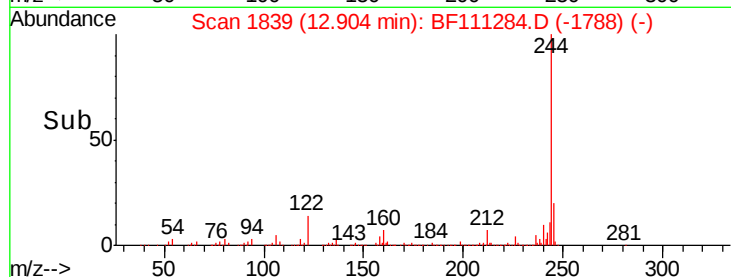
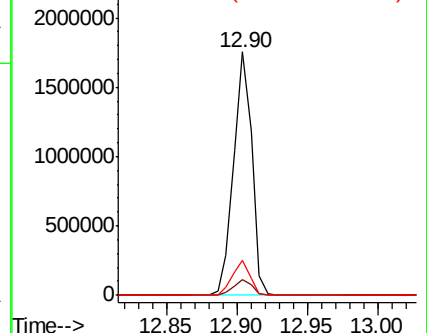
122 14.4 13.1 19.7



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: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF111284.D

Acq: 11 Dec 2018 18:27

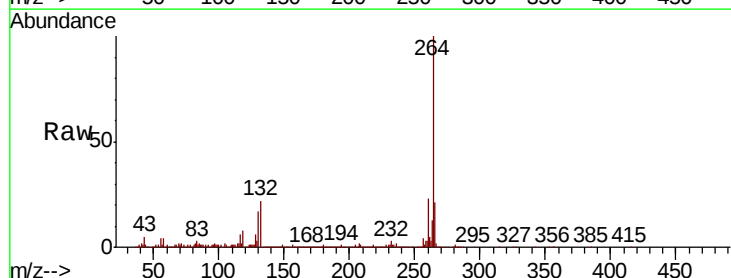
Tgt Ion:264 Resp: 665265

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.1 17.7 26.5



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

