

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111294.D
 Acq On : 11 Dec 2018 23:44
 Operator : JU/SJ
 Sample : J6157-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

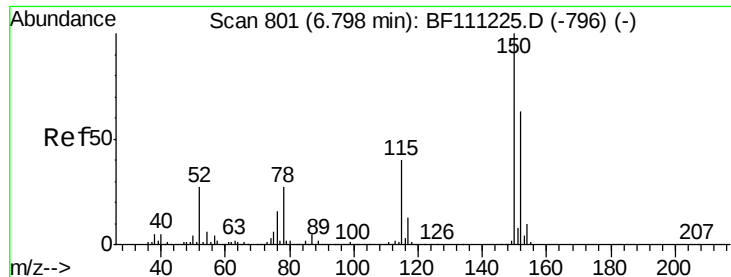
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Quant Time: Dec 12 00:27:43 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	6.79	152	317271	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1088004	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	460622	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	903139	20.00	ng	0.00
76) Chrysene-d12	13.95	240	714541	20.00	ng	0.00
87) Perylene-d12	15.39	264	129796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	607985	30.26	ng	0.00
7) Phenol-d6	6.42	99	485700	19.45	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1236190	63.73	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	391535	95.96	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2352609	90.57	ng	0.00
79) Terphenyl-d14	12.90	244	1934852	64.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	3545	Below Cal		Qvalue
10) Phenol	6.43	94	344379	11.795 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	167139	9.992 ng	#	78
25) Isophorone	7.36	82	1226634	37.127 ng	#	64
46) 1,1'-Biphenyl	9.25	154	5260	Below Cal		89
50) Dimethylphthalate	9.55	163	529671	15.584 ng		99
57) 2,4-Dinitrotoluene	9.83	165	58460	6.318 ng	#	26
60) Diethylphthalate	10.25	149	200819	6.198 ng		98
67) 4-Bromophenyl-phenylether	10.62	248	24533	2.480 ng	#	1

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

```
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Acq On    : 11 Dec 2018   23:44
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Sample    : J6157-12
Misc      :
ALS Vial  : 13      Sample Multiplier: 1
```

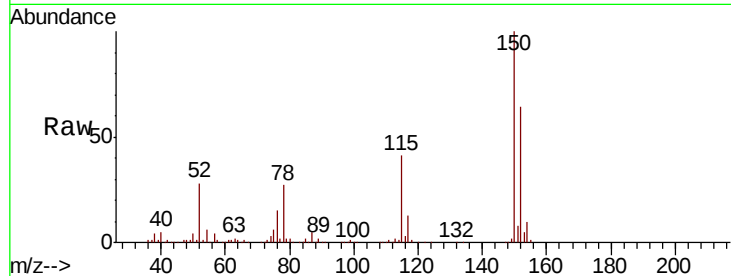


#1

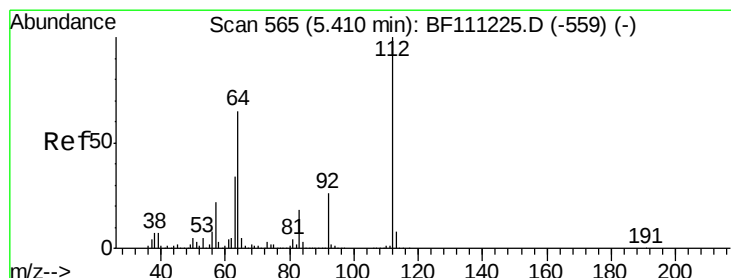
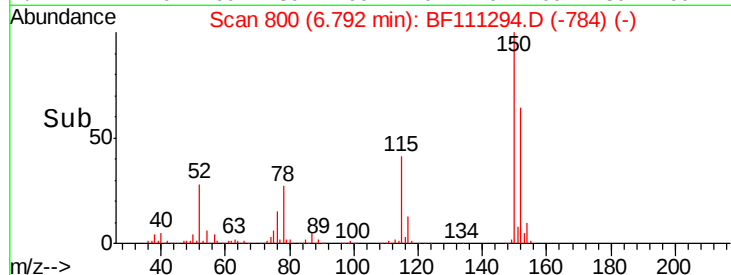
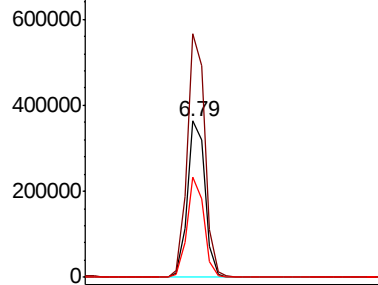
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion:152 Resp: 317271
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 64.0 50.7 76.1



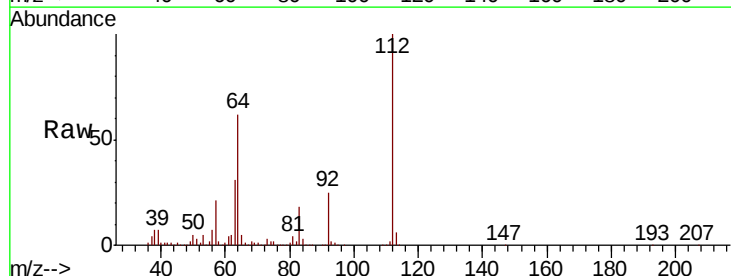
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



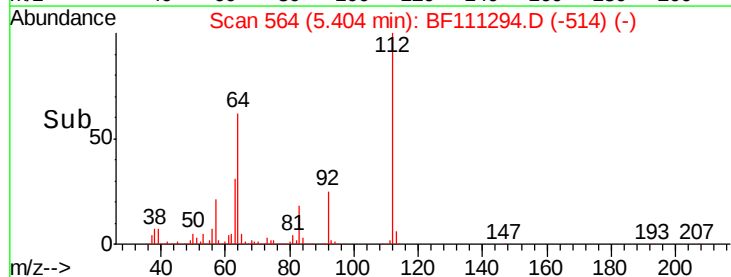
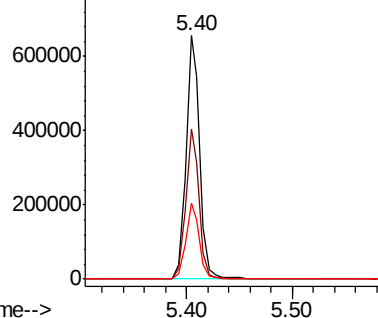
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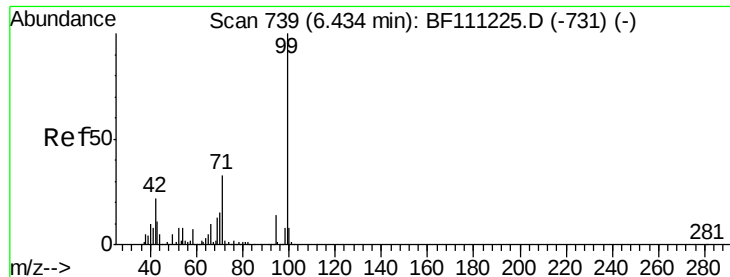
2-Fluorophenol
Concen: 30.260 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:112 Resp: 607985
Ion Ratio Lower Upper
112 100
64 61.6 51.8 77.6
63 31.0 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: 19.452 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111294.D

Acq: 11 Dec 2018 23:44

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-6-DISSOLVED

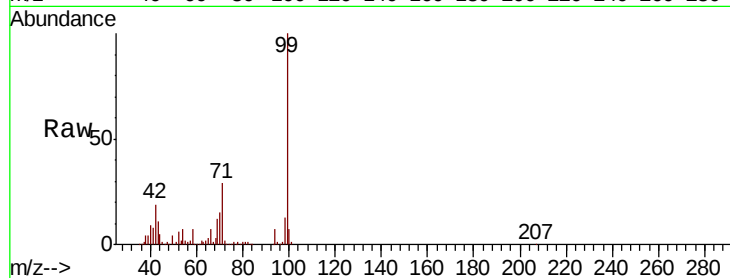
Tgt Ion: 99 Resp: 485700

Ion Ratio Lower Upper

99 100

42 19.5 17.4 26.0

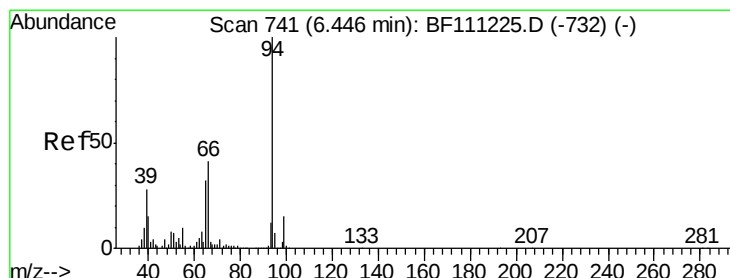
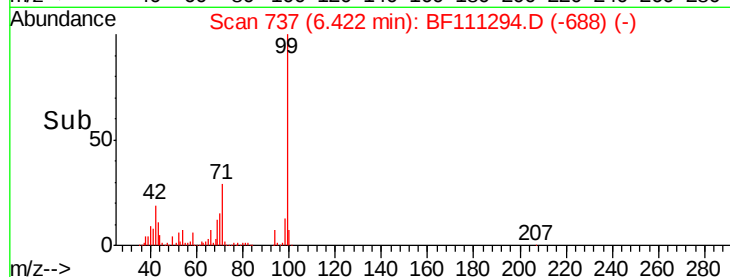
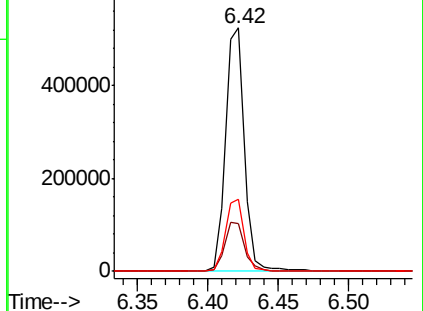
71 29.4 26.1 39.1



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: 11.795 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111294.D

Acq: 11 Dec 2018 23:44

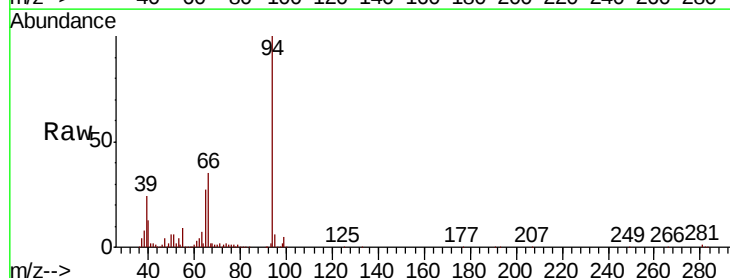
Tgt Ion: 94 Resp: 344379

Ion Ratio Lower Upper

94 100

65 27.0 11.7 51.7

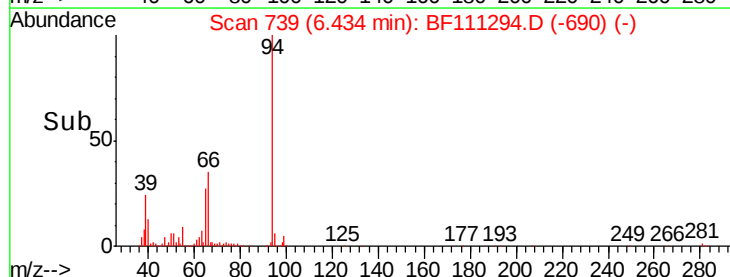
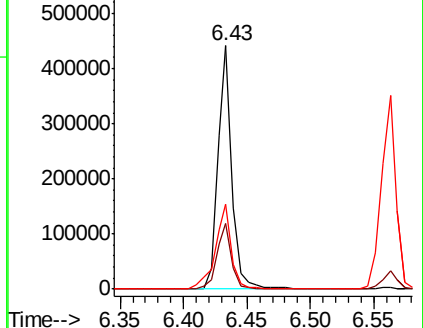
66 34.7 21.0 61.0

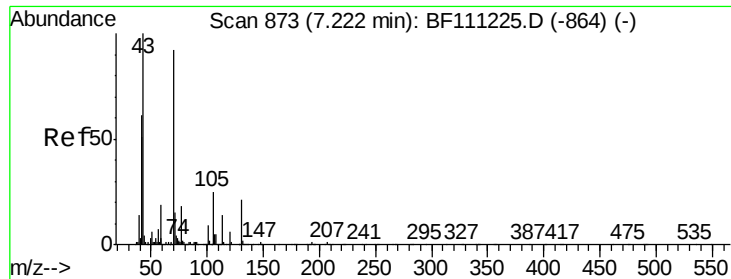


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

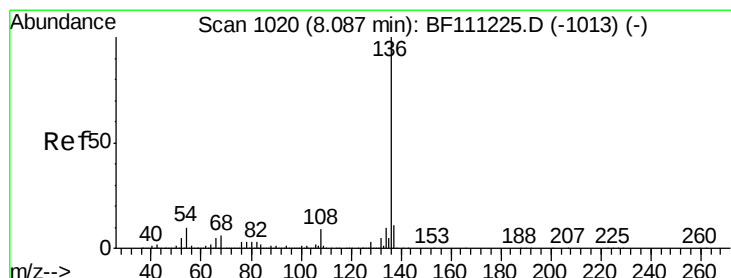
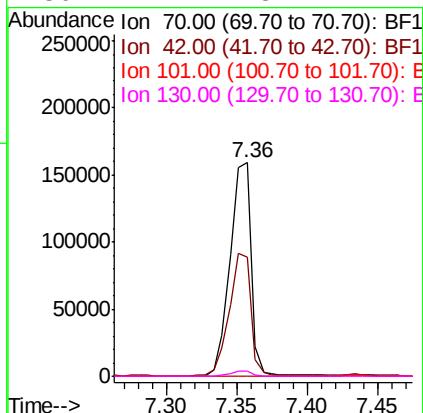
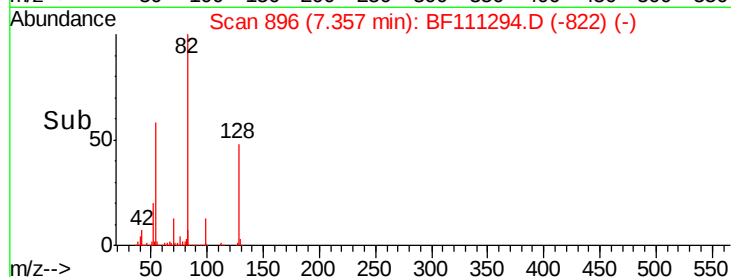
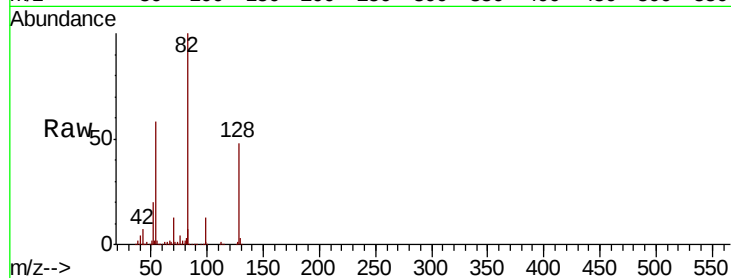




#19
n-Nitroso-di-n-propylamine
Concen: 9.992 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

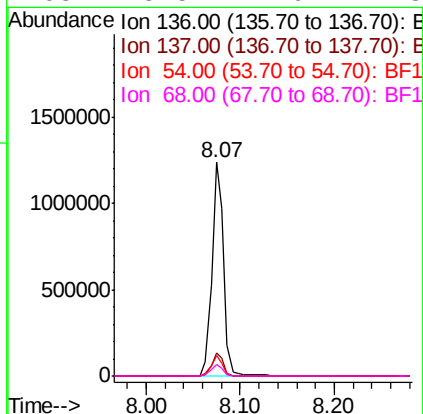
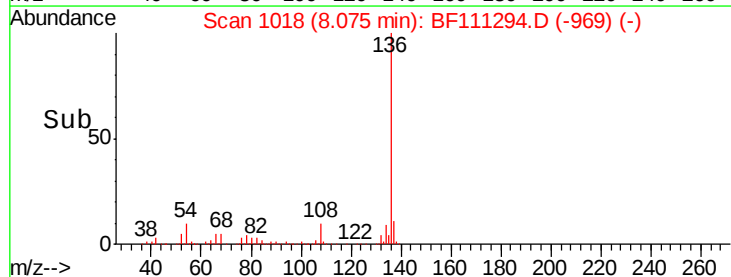
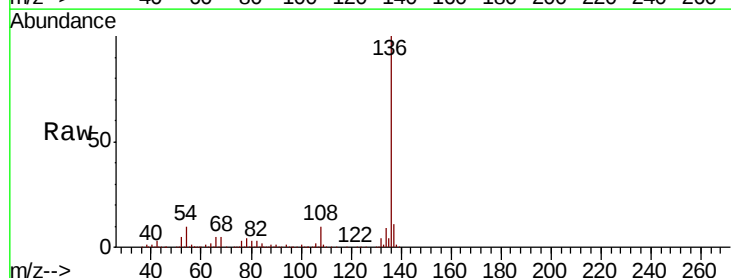
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

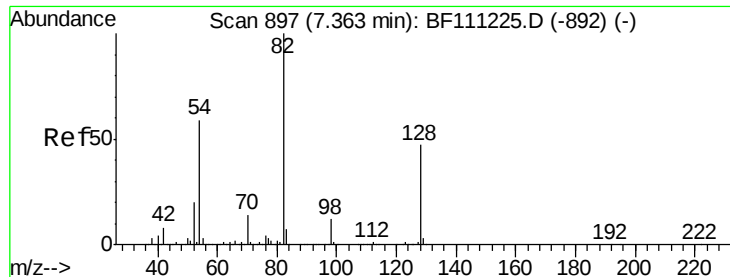
Tgt Ion: 70 Resp: 167139
Ion Ratio Lower Upper
70 100
42 55.7 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion: 136 Resp: 1088004
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.6 7.7 11.5
68 5.5 4.9 7.3

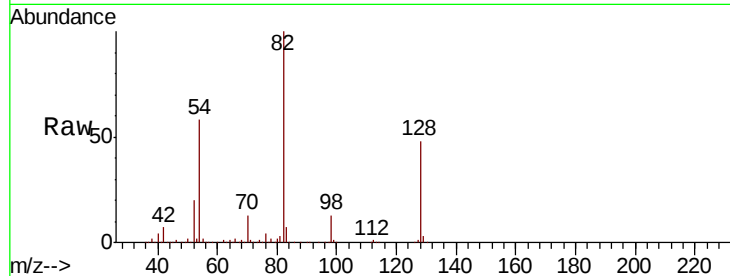




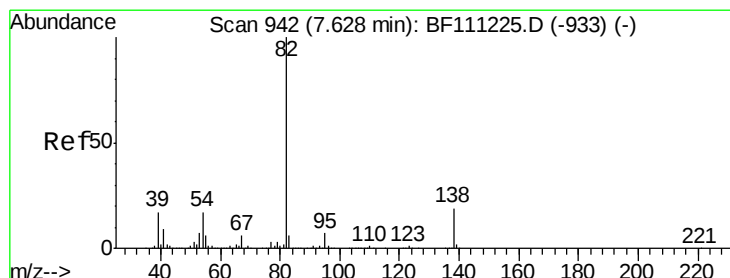
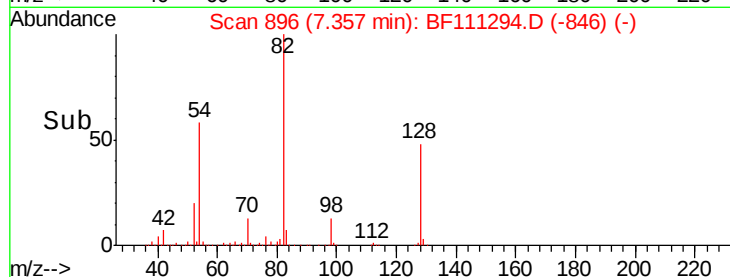
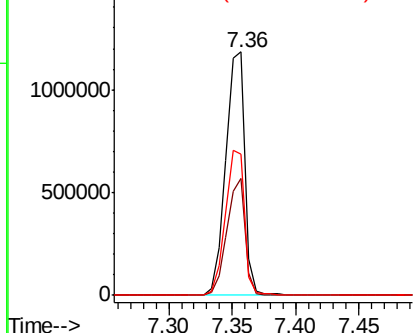
#23
Nitrobenzene-d5
Concen: 63.728 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion: 82 Resp: 1236190
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.2
54 58.3 47.6 71.4

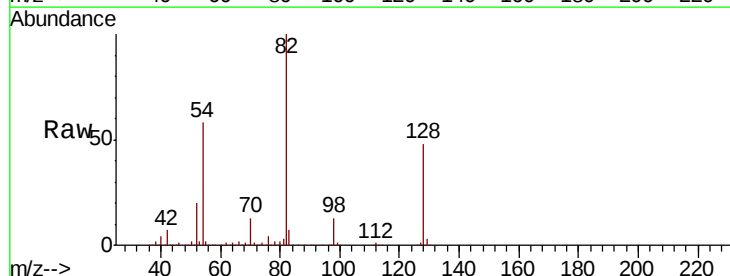


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

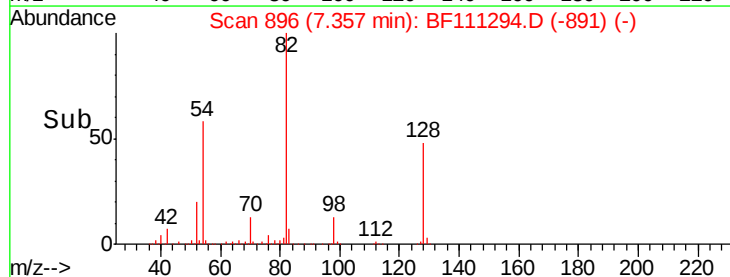
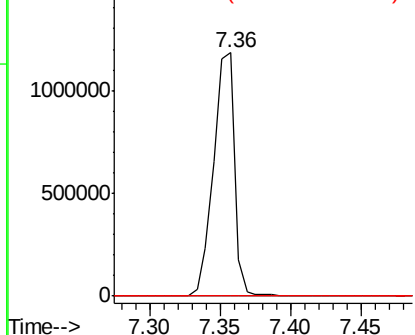


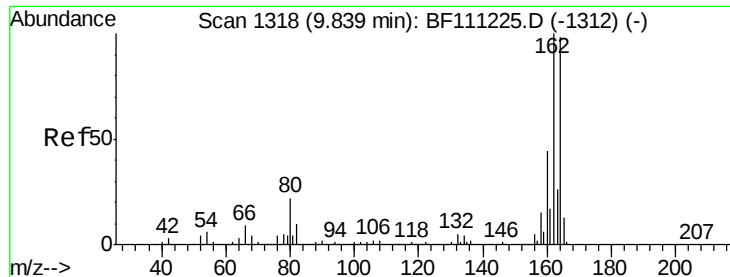
#25
Isophorone
Concen: 37.127 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion: 82 Resp: 1226634
Ion Ratio Lower Upper
82 100
95 0.0 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# 1316

Delta R.T. -0.01 min

Lab File: BF111294.D

Acq: 11 Dec 2018 23:44

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-6-DISSOLVED

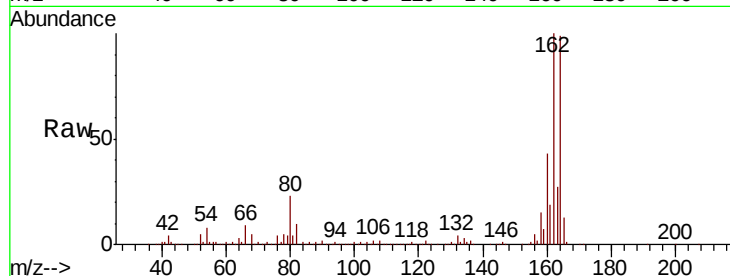
Tgt Ion:164 Resp: 460622

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

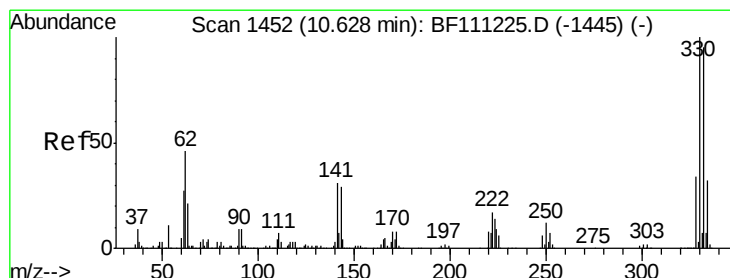
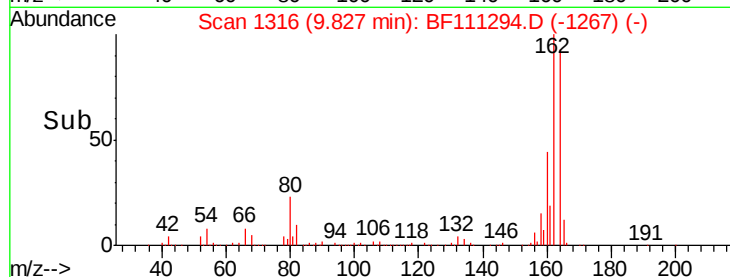
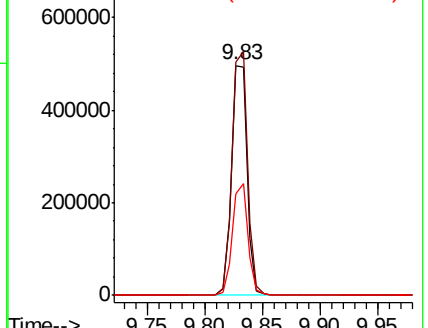
160 44.0 35.7 53.5



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: 95.959 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111294.D

Acq: 11 Dec 2018 23:44

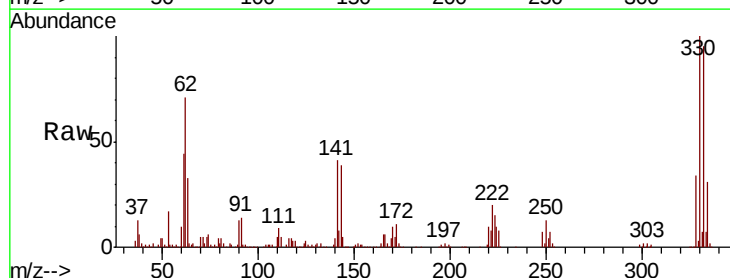
Tgt Ion:330 Resp: 391535

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

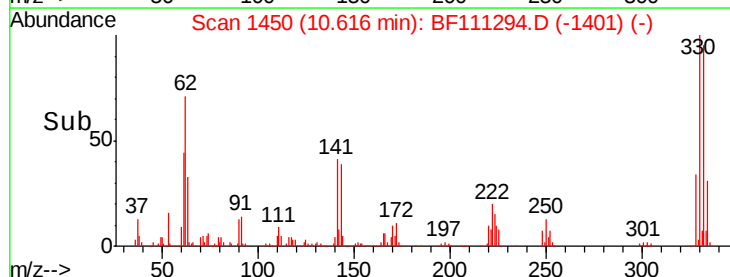
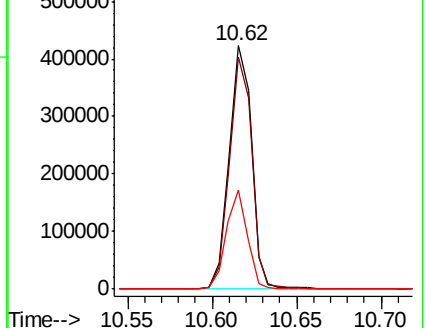
141 38.5 31.0 46.6

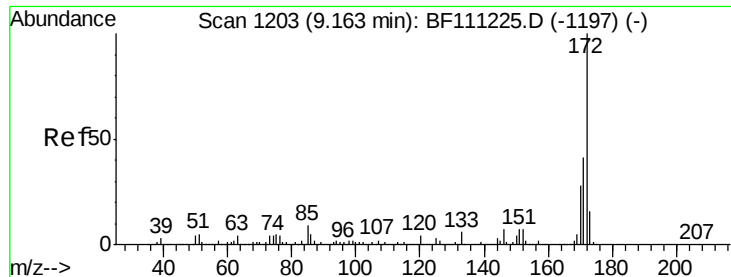


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

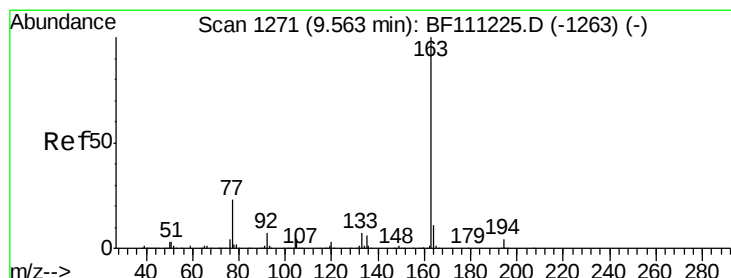
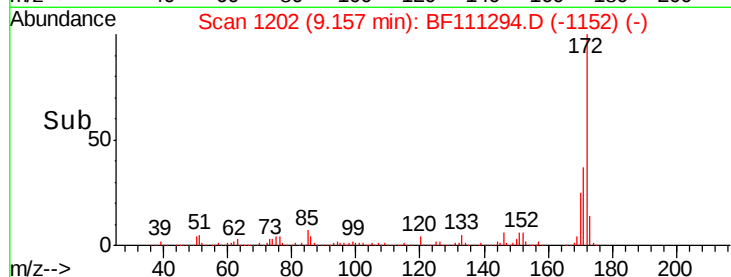
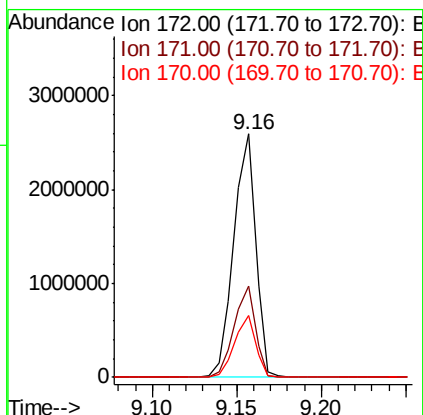
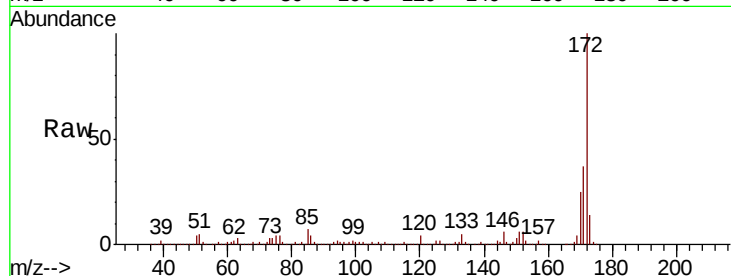




#45
2-Fluorobiphenyl
Concen: 90.567 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

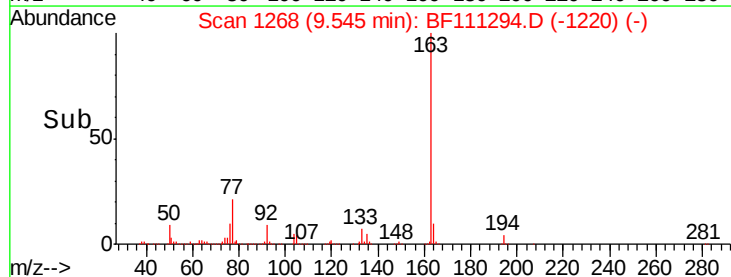
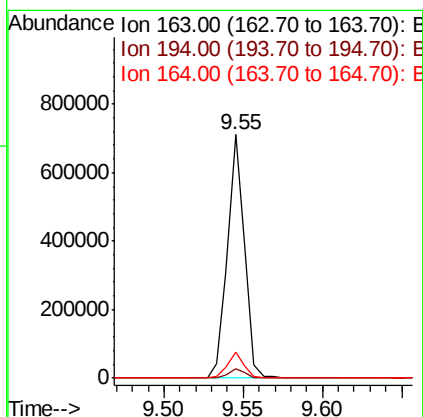
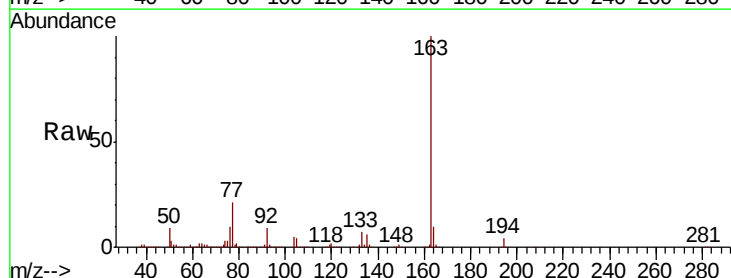
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COMPOSITE-6-DISSOLVED

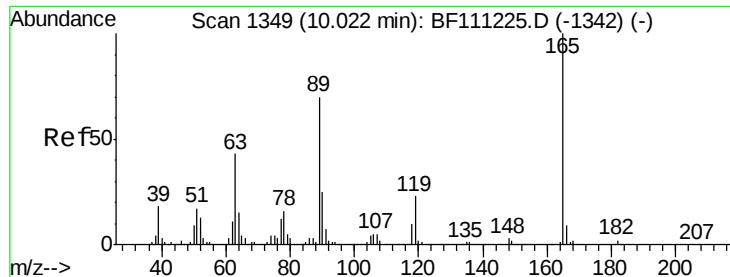
Tgt Ion:172 Resp: 2352609
Ion Ratio Lower Upper
172 100
171 37.4 33.0 49.4
170 25.4 22.3 33.5



#50
Dimethylphthalate
Concen: 15.584 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:163 Resp: 529671
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.9 13.3

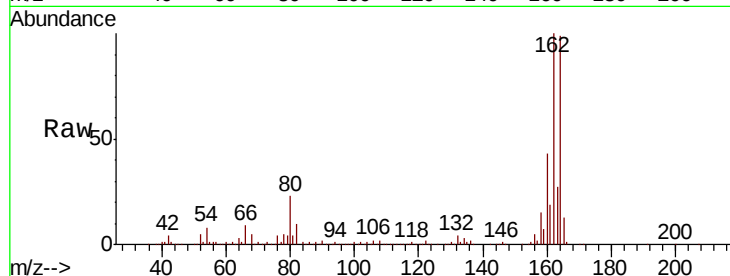




#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#



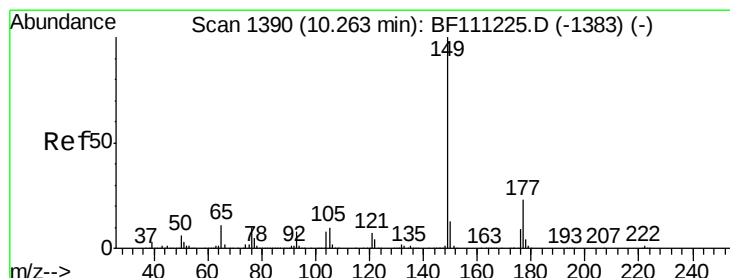
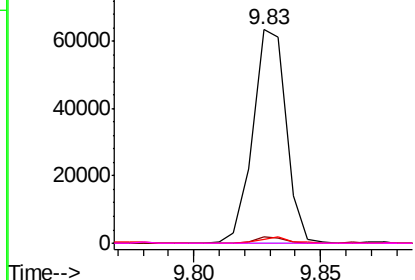
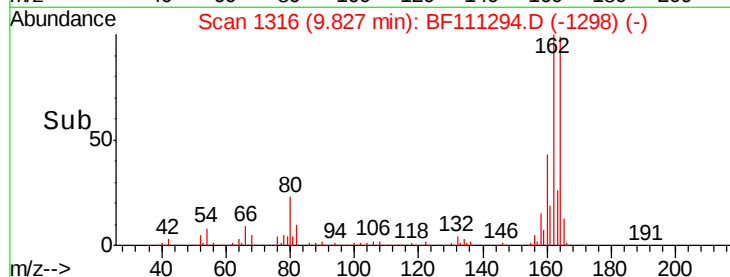
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

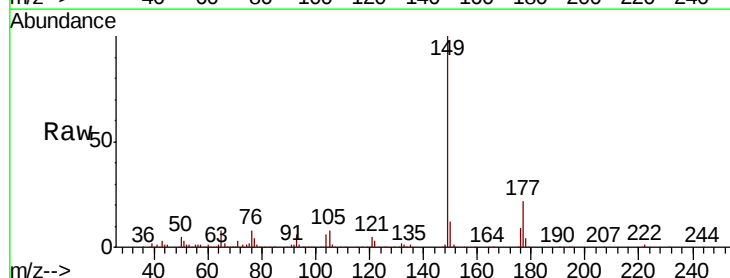
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#60
Diethylphthalate
Concen: 6.198 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	11.7	10.6	15.8

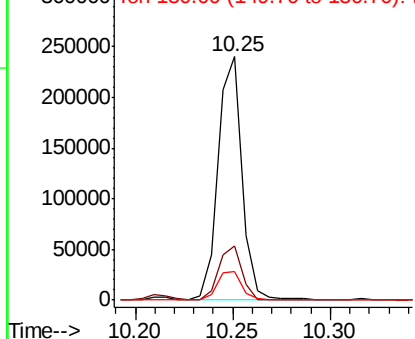
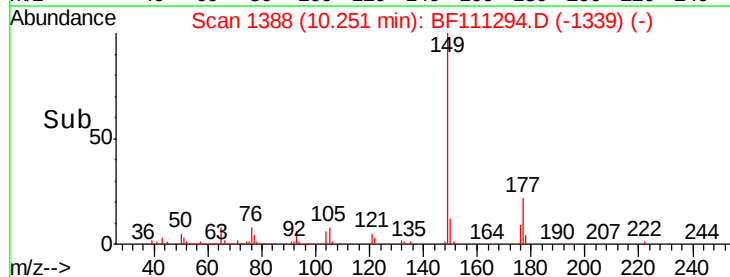


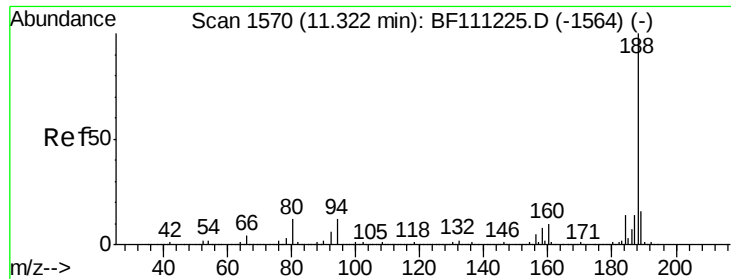
Abundance

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

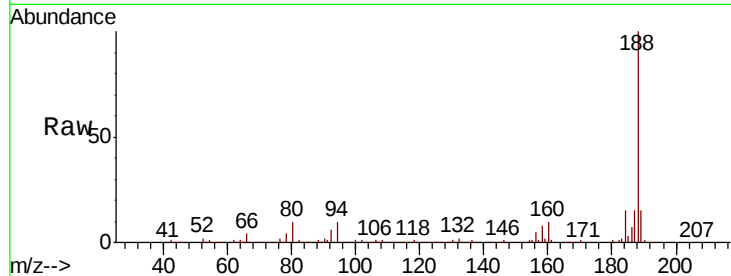




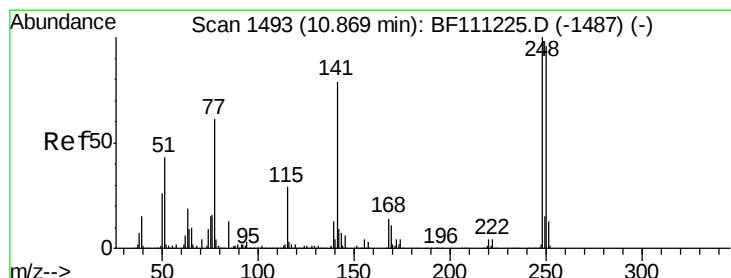
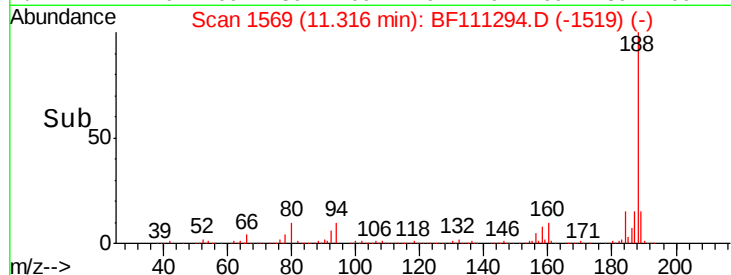
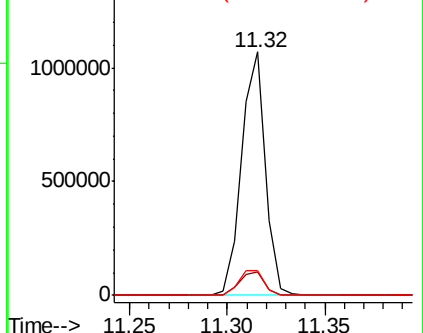
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion:188 Resp: 903139
Ion Ratio Lower Upper
188 100
94 9.8 9.6 14.4
80 10.2 9.8 14.6

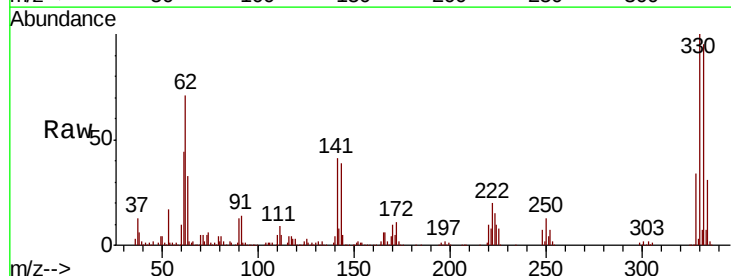


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

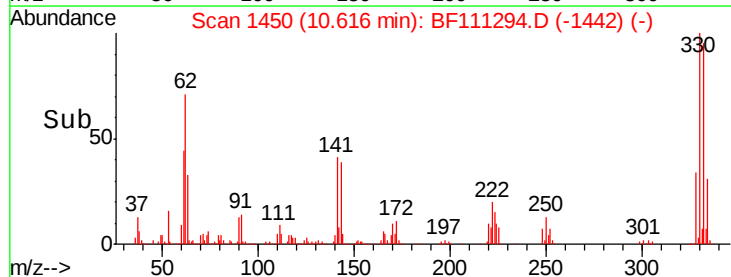
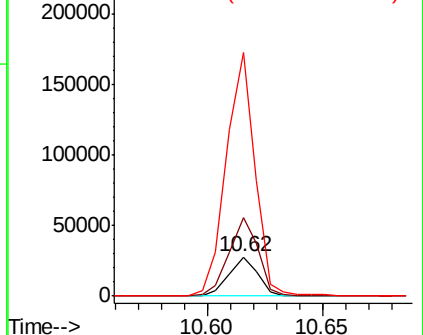


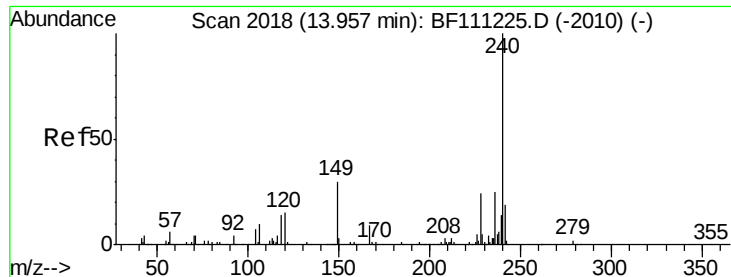
#67
4-Bromophenyl-phenylether
Concen: 2.480 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:248 Resp: 24533
Ion Ratio Lower Upper
248 100
250 201.2 77.0 115.4#
141 619.6 63.0 94.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

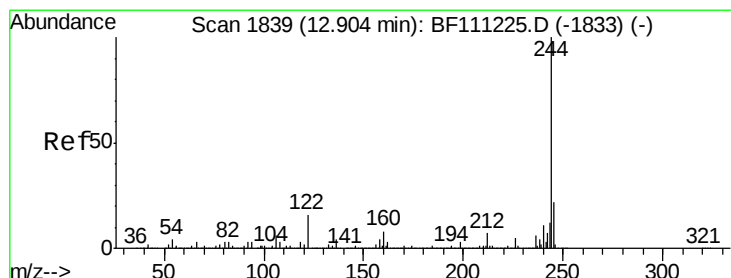
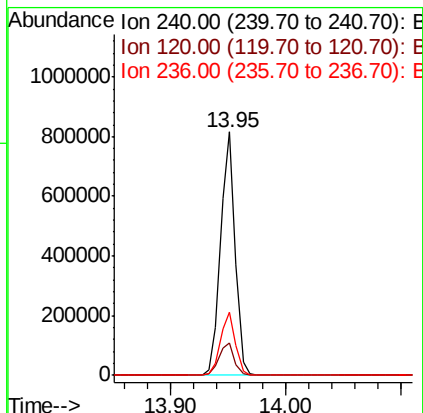
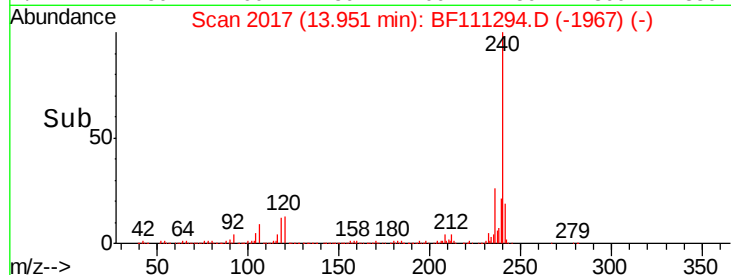
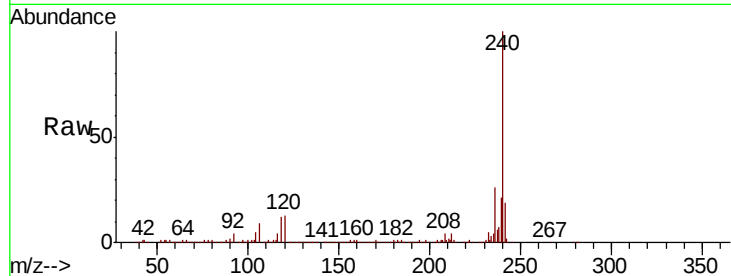




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

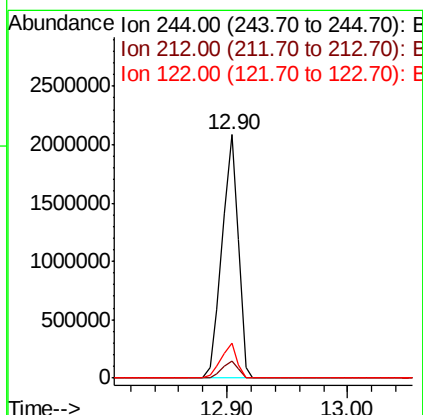
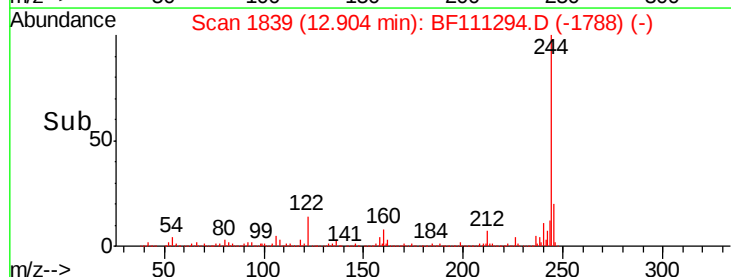
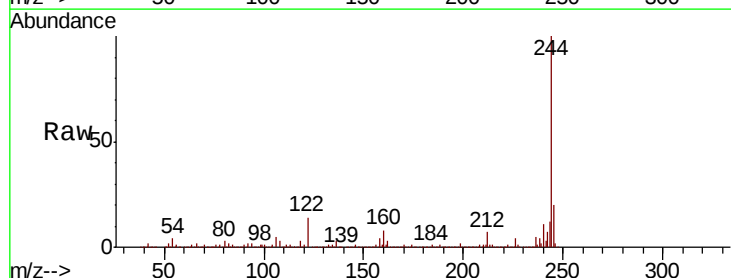
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

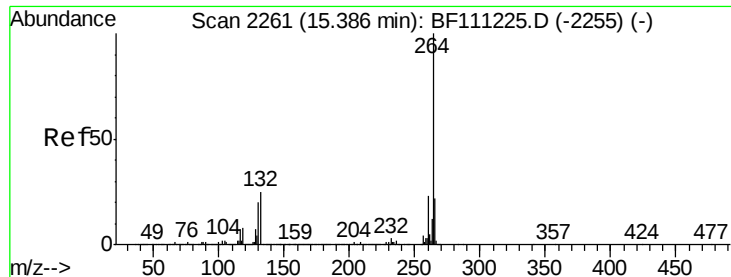
Tgt Ion:240 Resp: 714541
Ion Ratio Lower Upper
240 100
120 13.5 12.2 18.2
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 64.951 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:244 Resp: 1934852
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 14.2 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
264	100		
260	33.9	18.3	27.5#
265	19.4	17.7	26.5

