

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111292.D
 Acq On : 11 Dec 2018 22:50
 Operator : JU/SJ
 Sample : J6157-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5-DISSOLVED

Quant Time: Dec 12 00:27:27 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

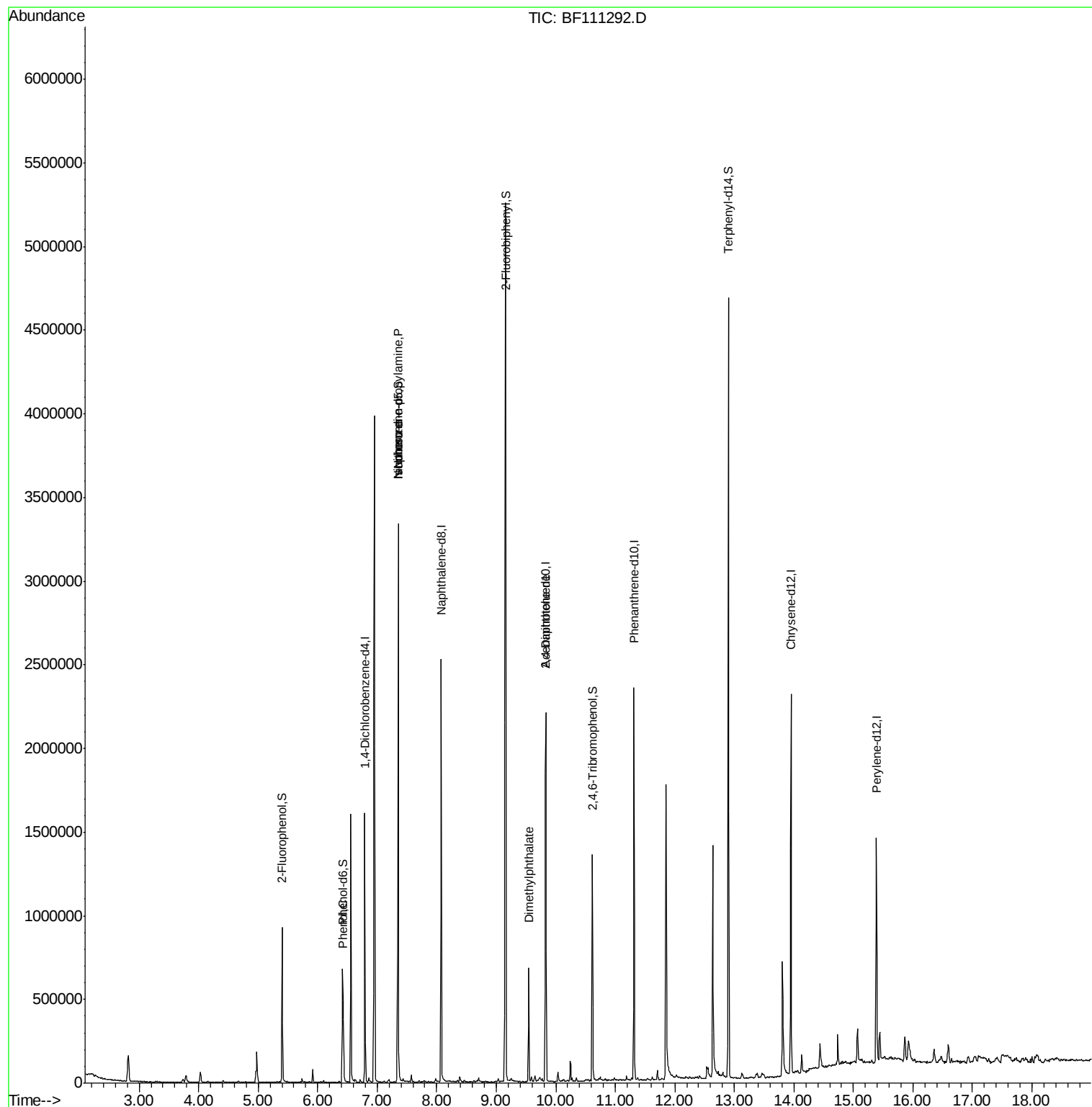
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	216303	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1059210	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	426672	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	776487	20.00	ng	0.00
76) Chrysene-d12	13.95	240	699346	20.00	ng	0.00
87) Perylene-d12	15.39	264	597079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	266585	19.46	ng	0.00
7) Phenol-d6	6.42	99	186814	10.97	ng	-0.02
23) Nitrobenzene-d5	7.35	82	988358	52.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	131423	34.77	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1733263	65.87	ng	0.00
79) Terphenyl-d14	12.90	244	1413133	48.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1446	Below Cal		Qvalue
10) Phenol	6.43	94	136273	6.846 ng	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	131620	11.542 ng	#	96
25) Isophorone	7.35	82	977979	30.406 ng	#	78
46) 1,1'-Biphenyl	9.25	154	3861	Below Cal		64
50) Dimethylphthalate	9.55	163	233341	7.412 ng		98
57) 2,4-Dinitrotoluene	9.83	165	55464	6.471 ng	#	97
						24

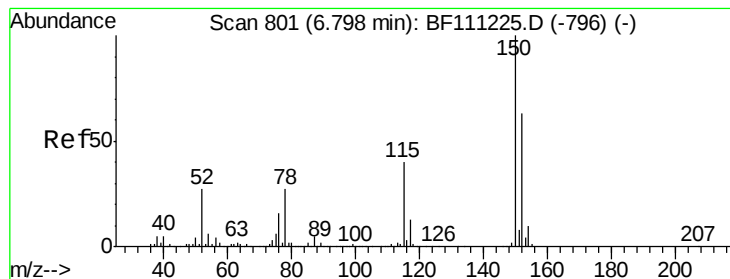
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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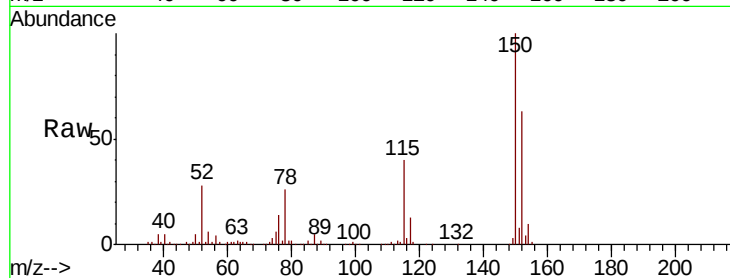


#1

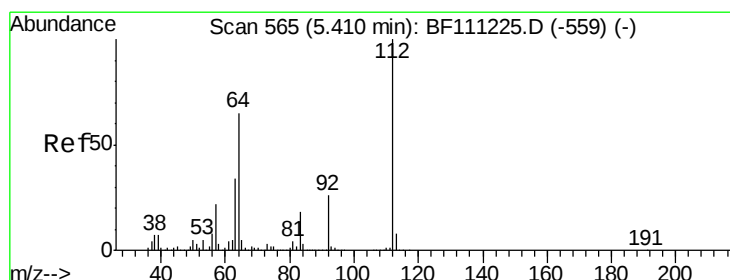
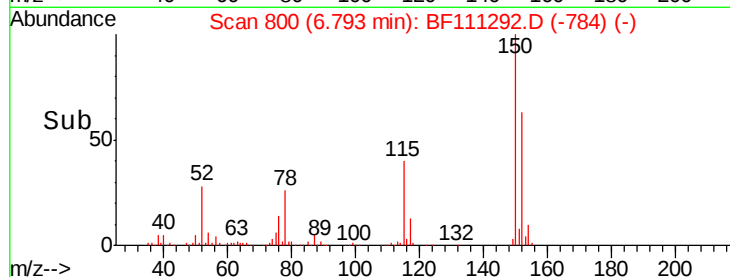
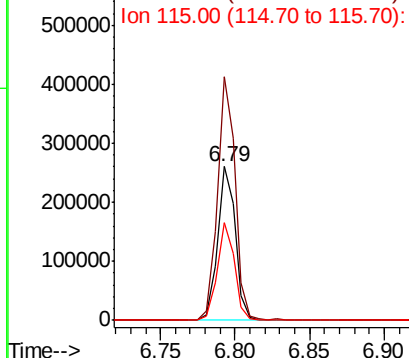
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111292.D
Acq: 11 Dec 2018 22:50

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-DISSOLVED

Tgt Ion:152 Resp: 216303
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 63.3 50.7 76.1



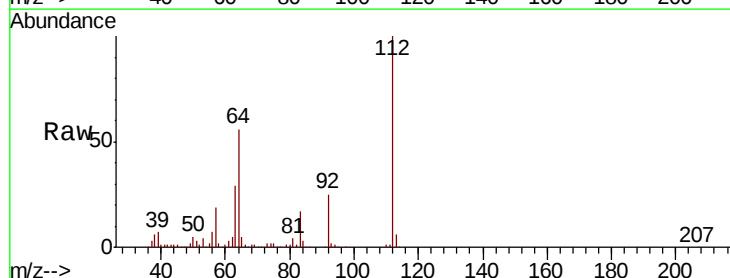
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



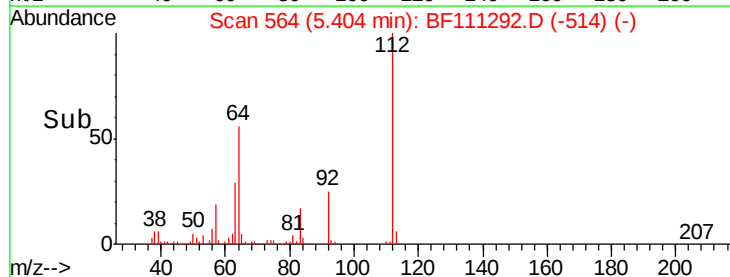
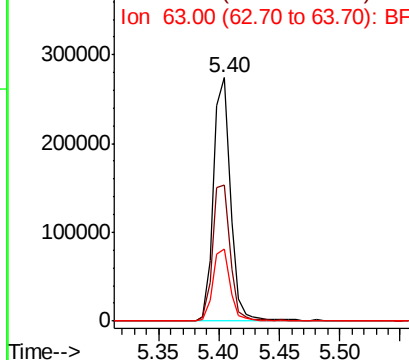
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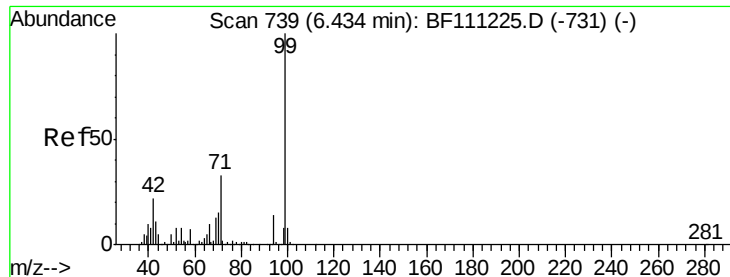
2-Fluorophenol
Concen: 19.461 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111292.D
Acq: 11 Dec 2018 22:50

Tgt Ion:112 Resp: 266585
Ion Ratio Lower Upper
112 100
64 56.0 51.8 77.6
63 29.4 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: 10.974 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111292.D

Acq: 11 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5-DISSOLVED

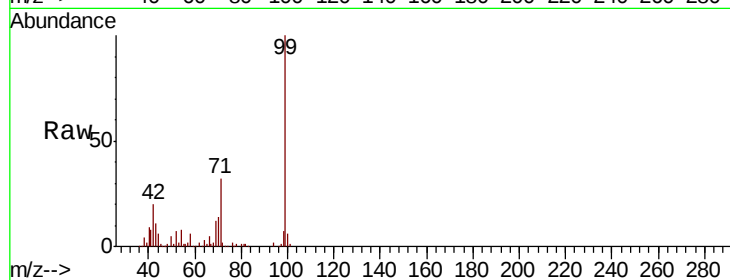
Tgt Ion: 99 Resp: 186814

Ion Ratio Lower Upper

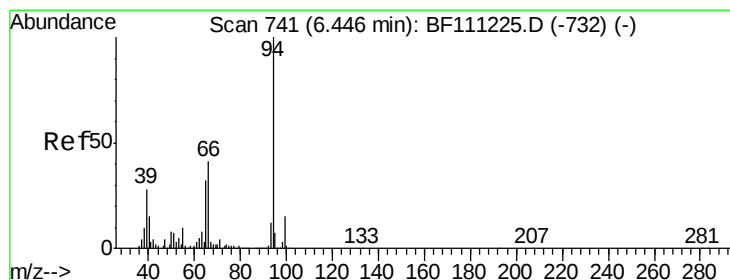
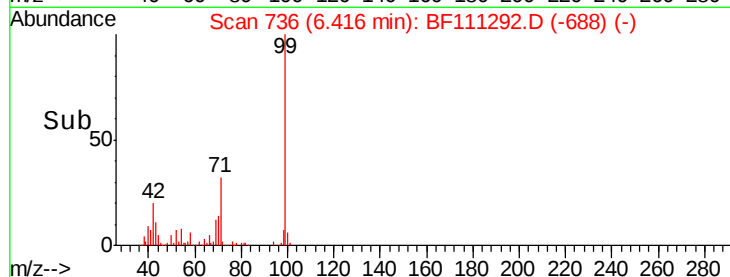
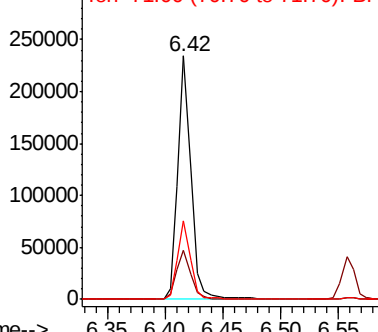
99 100

42 20.4 17.4 26.0

71 32.1 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: 6.846 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF111292.D

Acq: 11 Dec 2018 22:50

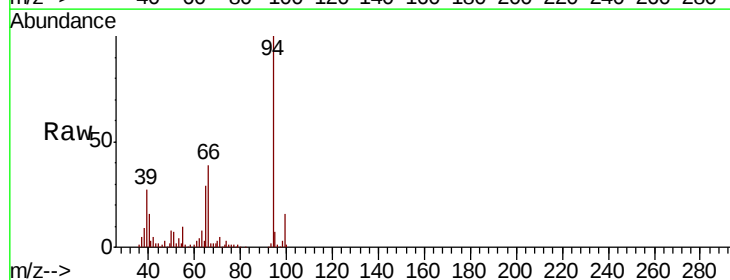
Tgt Ion: 94 Resp: 136273

Ion Ratio Lower Upper

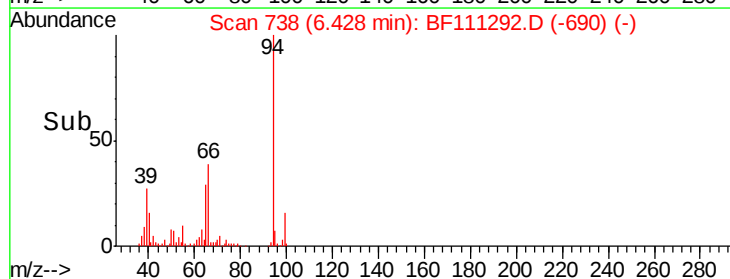
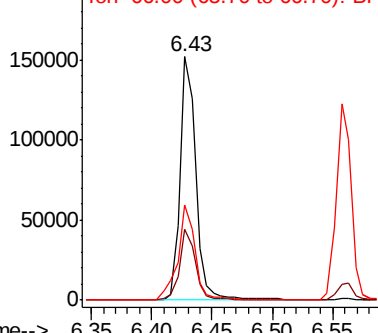
94 100

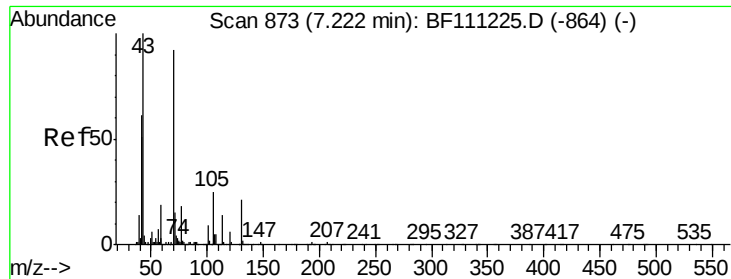
65 29.1 11.7 51.7

66 39.3 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

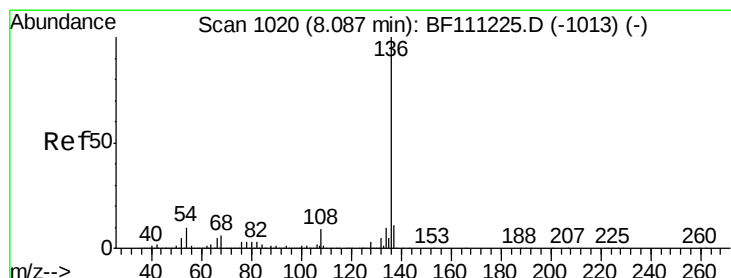
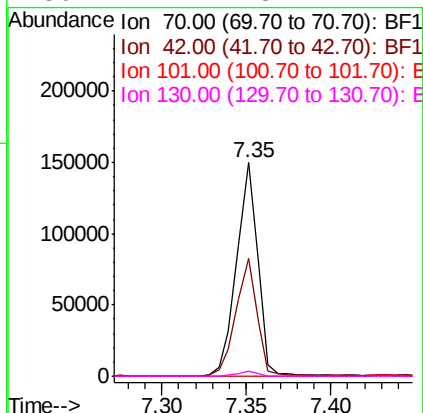
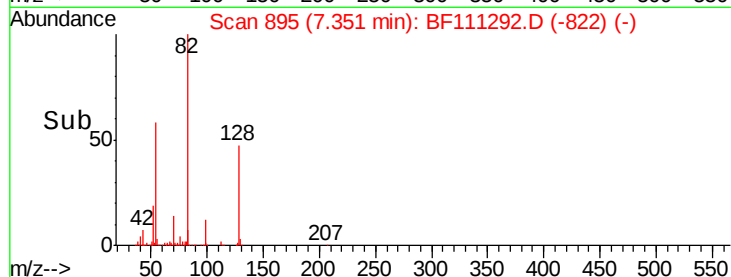
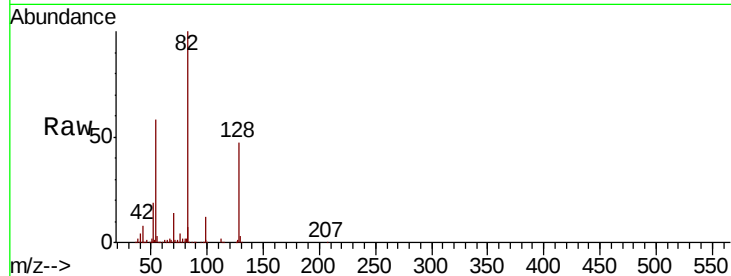




#19
n-Nitroso-di-n-propylamine
Concen: 11.542 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111292.D
Acq: 11 Dec 2018 22:50

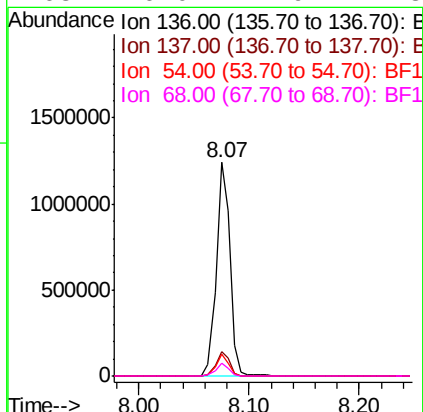
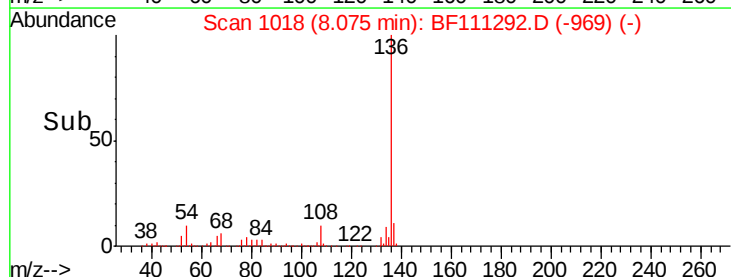
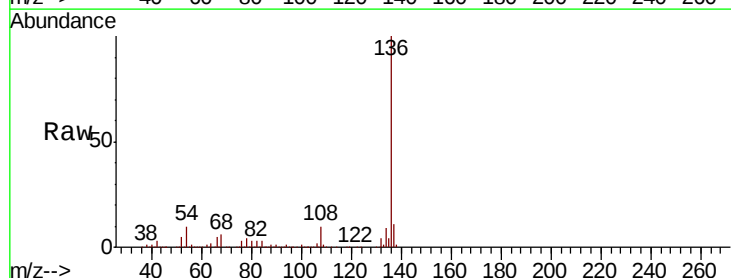
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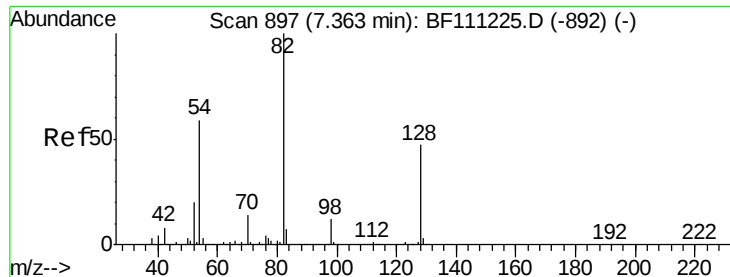
Tgt Ion: 70 Resp: 131620
Ion Ratio Lower Upper
70 100
42 55.1 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111292.D
Acq: 11 Dec 2018 22:50

Tgt Ion: 136 Resp: 1059210
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.9 7.7 11.5
68 6.0 4.9 7.3

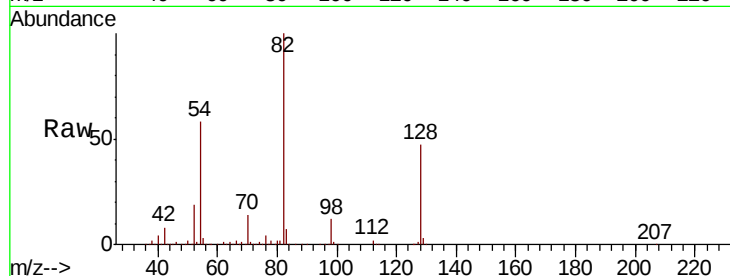




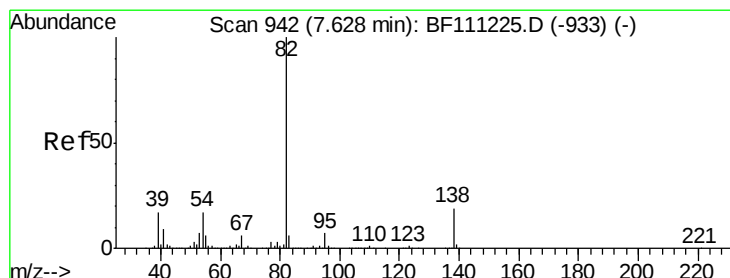
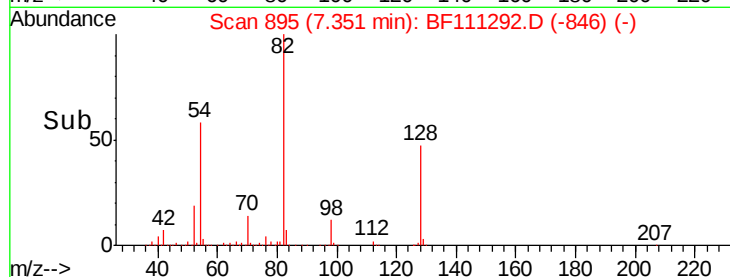
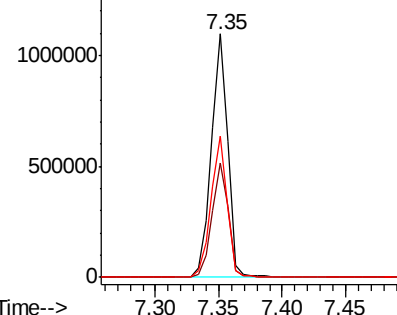
#23
 Nitrobenzene-d5
 Concen: 52.337 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111292.D
 Acq: 11 Dec 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	58.1	47.6	71.4

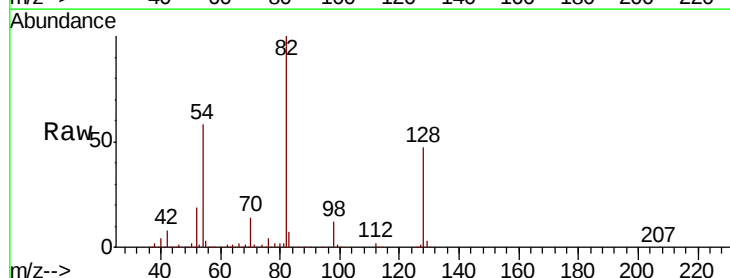


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

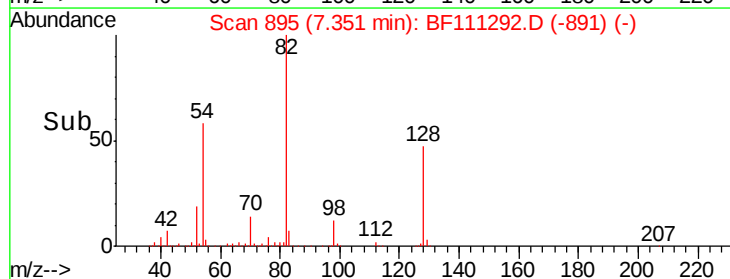
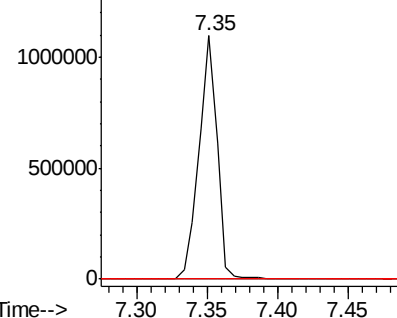


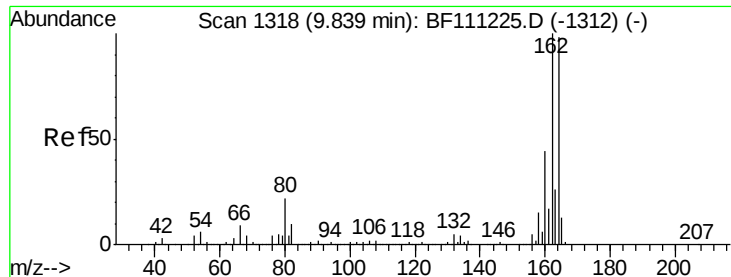
#25
 Isophorone
 Concen: 30.406 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111292.D
 Acq: 11 Dec 2018 22:50

Tgt 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

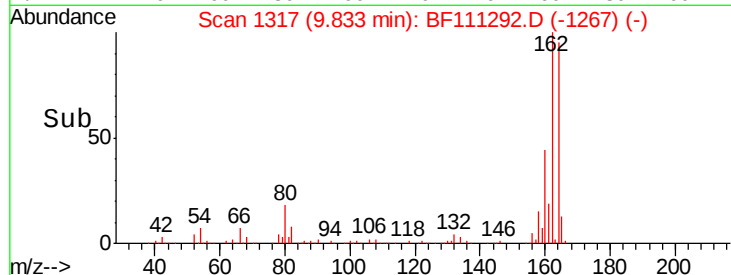
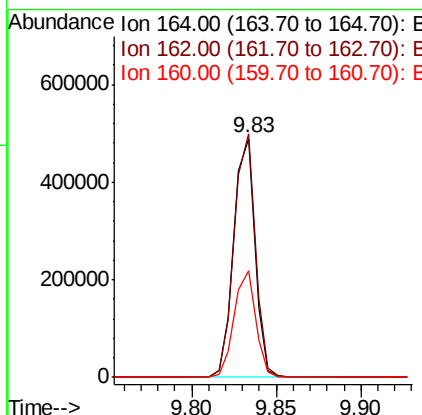
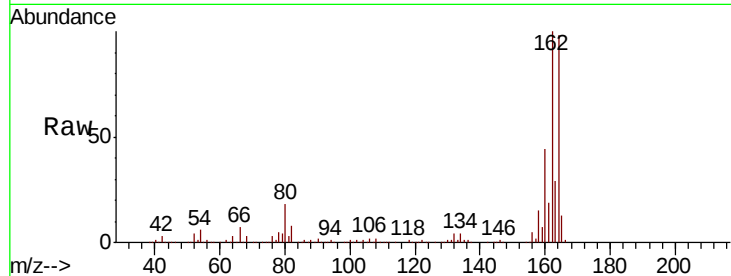




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111292.D
 Acq: 11 Dec 2018 22:50

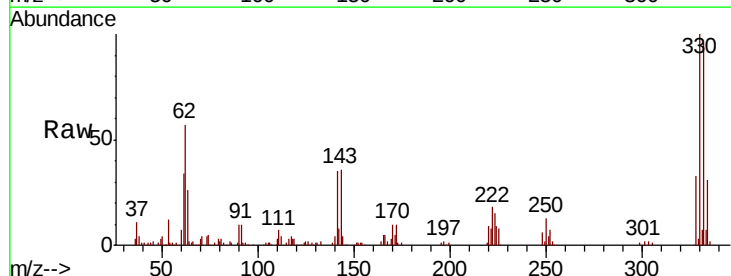
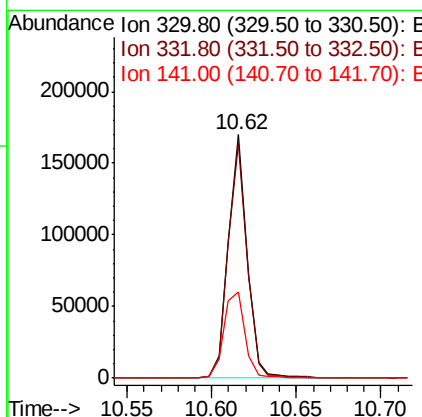
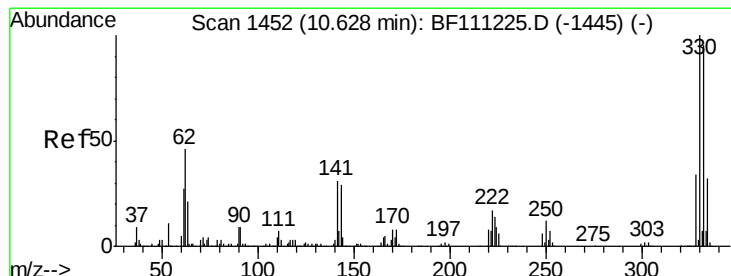
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 BNA_F
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 COMPOSITE-5-DISSOLVED

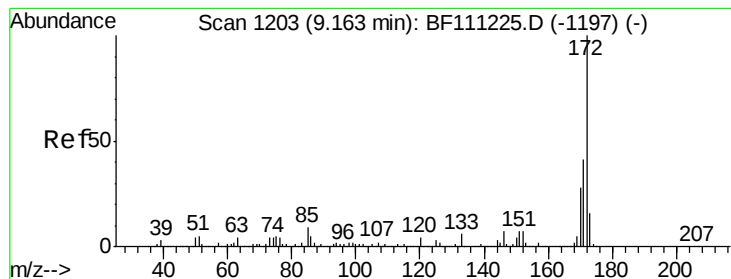
Tgt Ion:164 Resp: 426672
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 44.9 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 34.773 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111292.D
 Acq: 11 Dec 2018 22:50

Tgt Ion:330 Resp: 131423
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 40.2 31.0 46.6





#45

2-Fluorobiphenyl

Concen: 65.873 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF111292.D

Acq: 11 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5-DISSOLVED

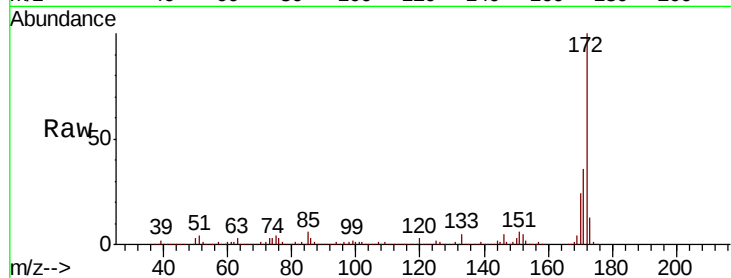
Tgt Ion:172 Resp: 1733263

Ion Ratio Lower Upper

172 100

171 35.8 33.0 49.4

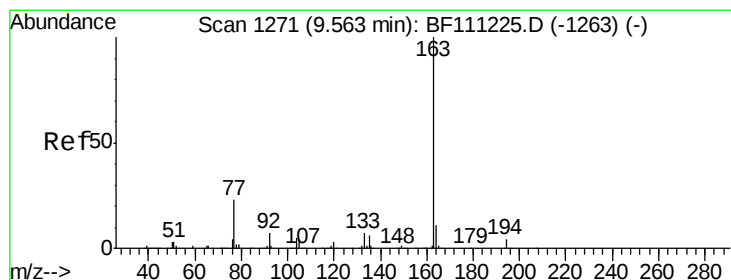
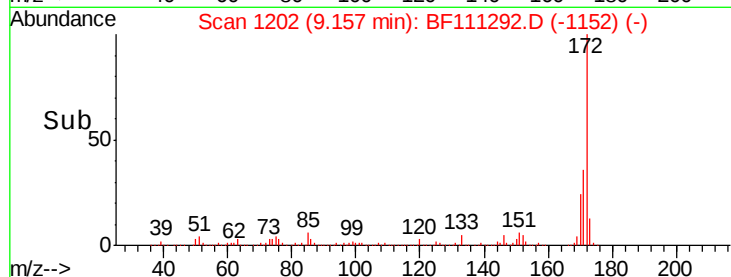
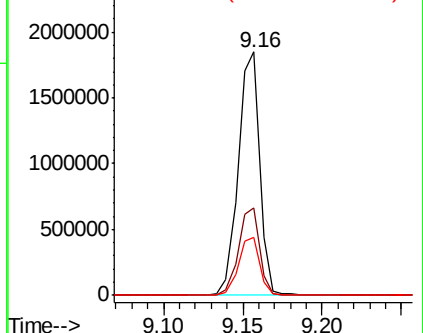
170 24.0 22.3 33.5



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: 7.412 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111292.D

Acq: 11 Dec 2018 22:50

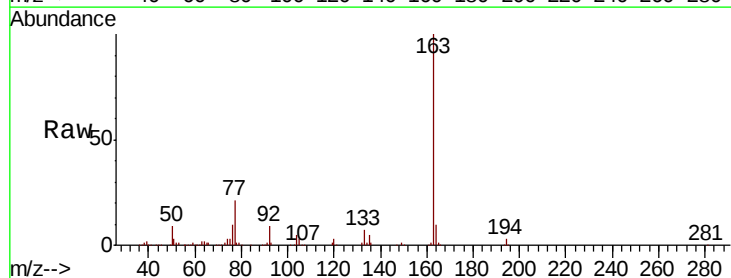
Tgt Ion:163 Resp: 233341

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.6

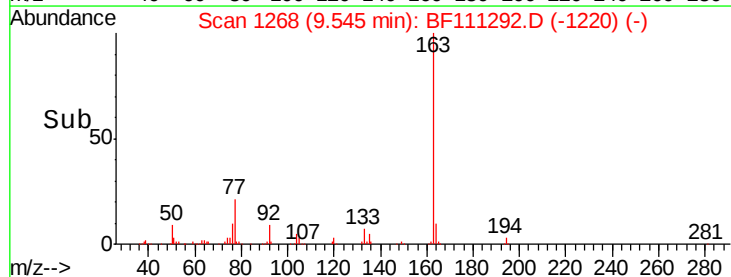
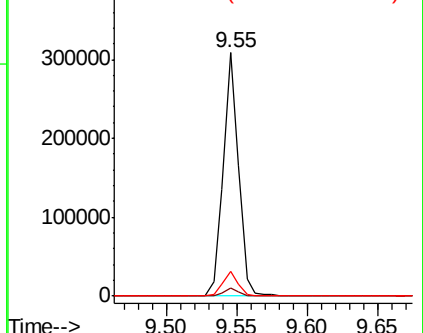
164 10.0 8.9 13.3

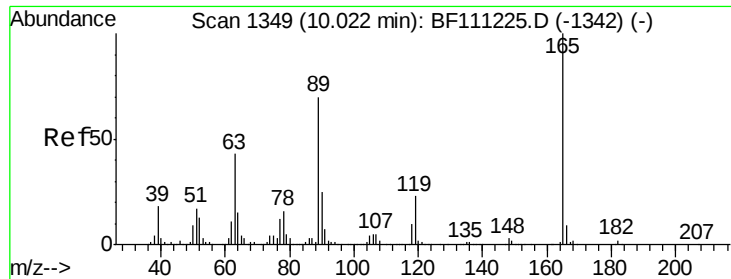


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

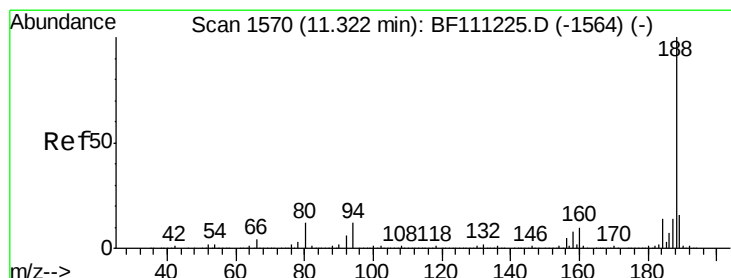
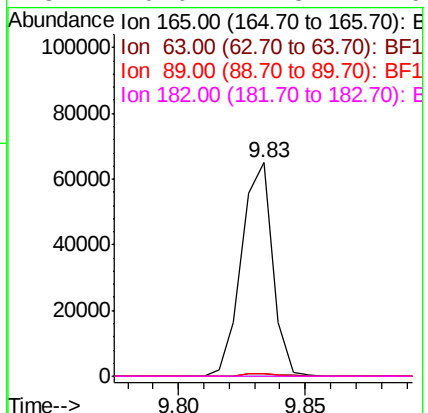
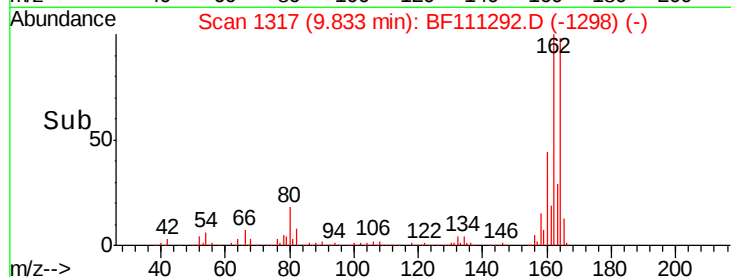
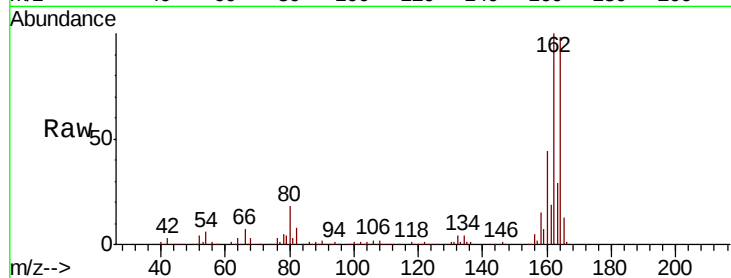




#57
 2,4-Dinitrotoluene
 Concen: 6.471 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111292.D
 Acq: 11 Dec 2018 22:50

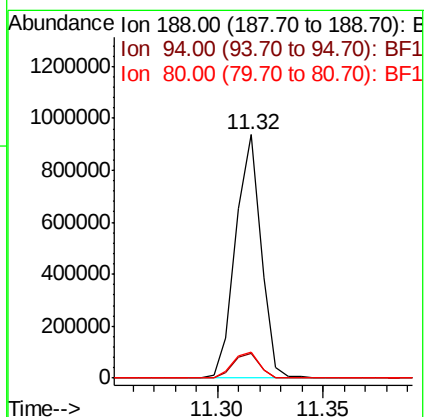
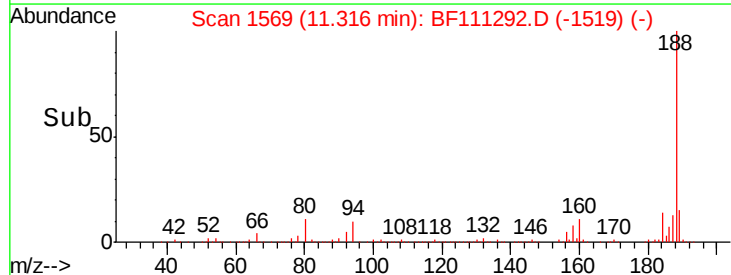
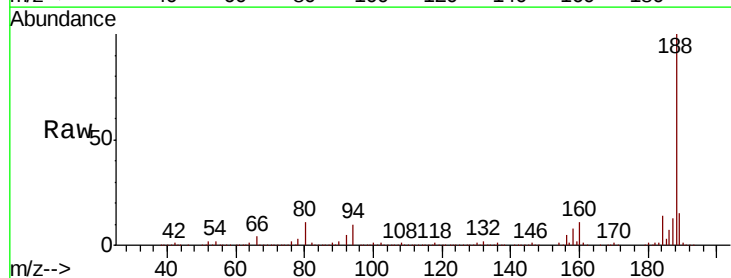
Instrument :
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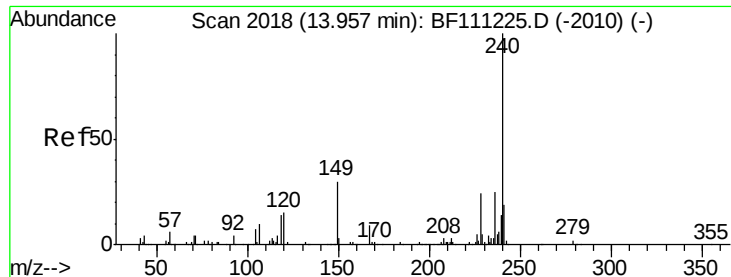
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111292.D
 Acq: 11 Dec 2018 22:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.6	9.8	14.6

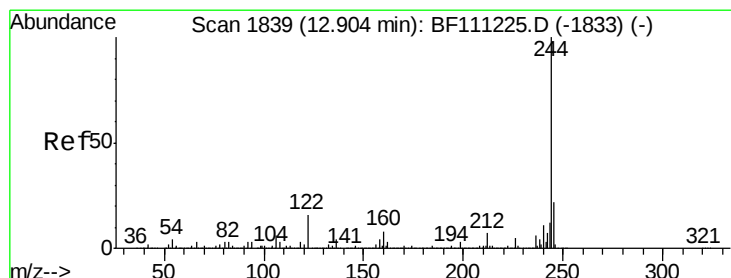
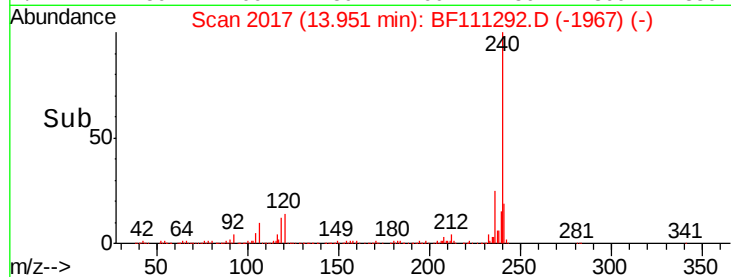
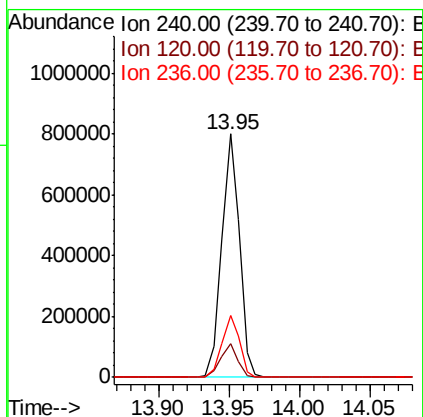
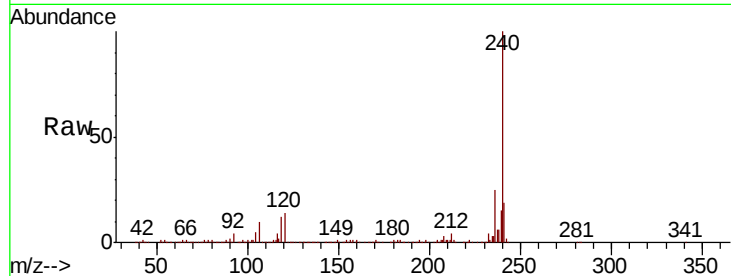




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111292.D
Acq: 11 Dec 2018 22:50

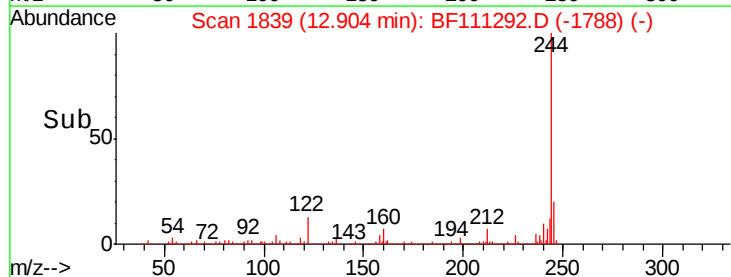
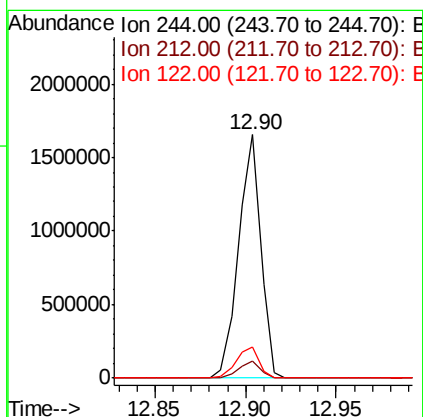
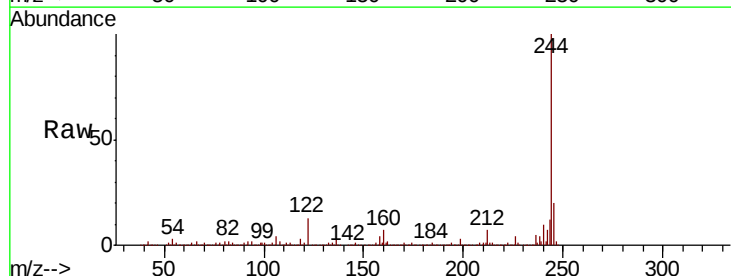
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-DISSOLVED

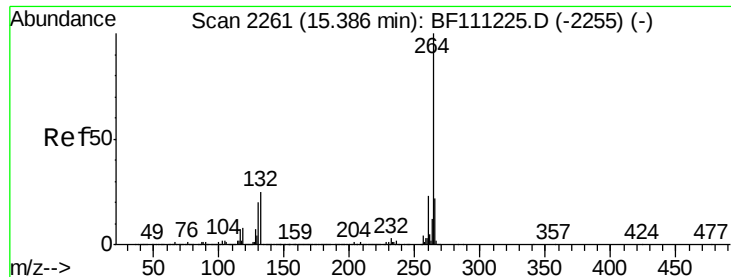
Tgt Ion:240 Resp: 699346
Ion Ratio Lower Upper
240 100
120 14.1 12.2 18.2
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 48.468 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111292.D
Acq: 11 Dec 2018 22:50

Tgt Ion:244 Resp: 1413133
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.9 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: BF111292.D
Acq: 11 Dec 2018 22:50

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.3	17.7	26.5

