

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111290.D
 Acq On : 11 Dec 2018 21:46
 Operator : JU/SJ
 Sample : J6157-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-DISSOLVED

Quant Time: Dec 12 00:27:07 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

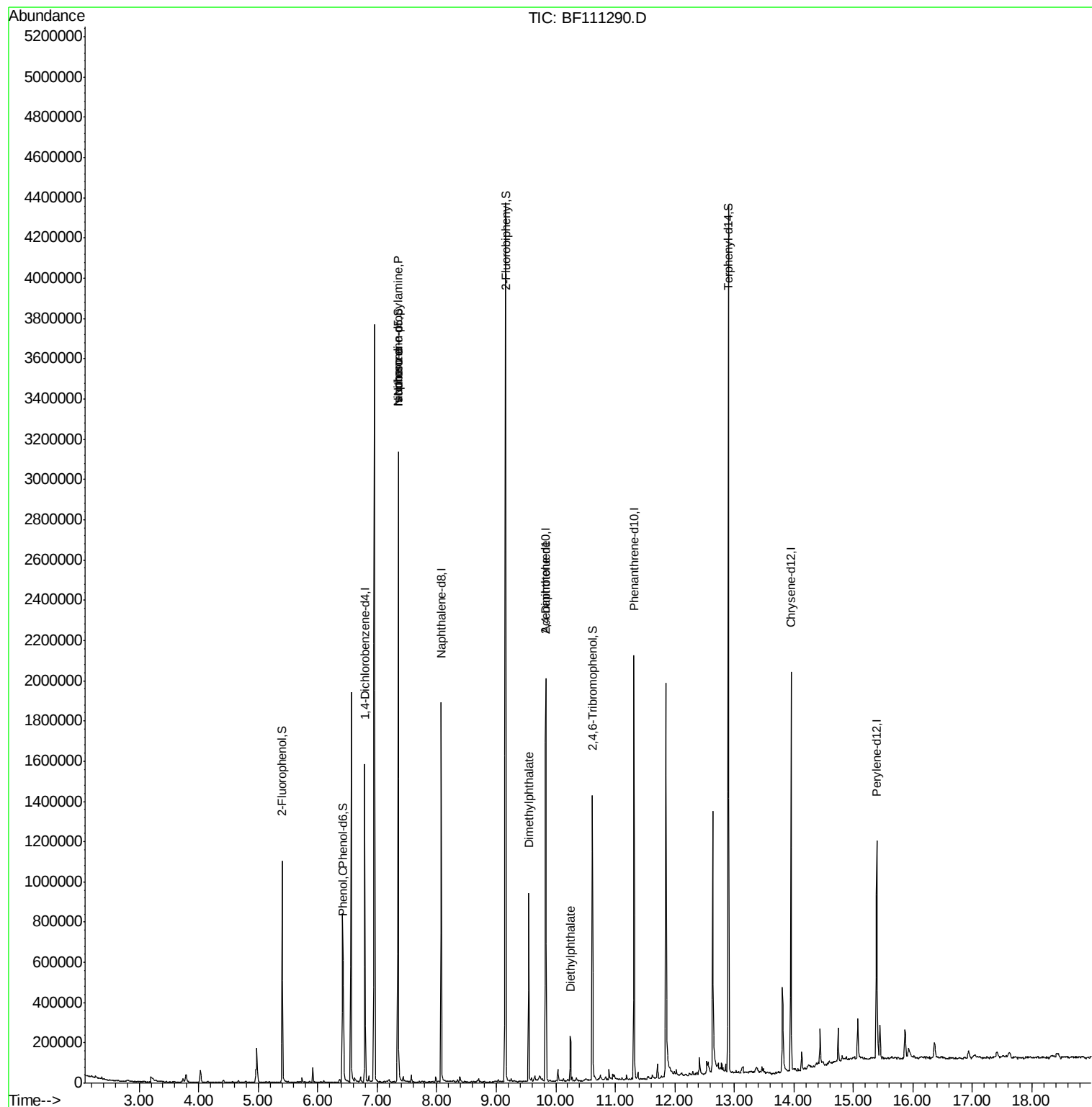
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	222058	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	803178	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	383335	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	699178	20.00	ng	0.00
76) Chrysene-d12	13.95	240	621519	20.00	ng	0.00
87) Perylene-d12	15.39	264	473136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	284503	20.23	ng	0.00
7) Phenol-d6	6.42	99	243881	13.95	ng	-0.02
23) Nitrobenzene-d5	7.35	82	888898	62.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	141878	41.78	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1387714	56.66	ng	0.00
79) Terphenyl-d14	12.90	244	1364580	52.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	448	Below Cal	Qvalue	# 1
10) Phenol	6.43	94	151924	7.435 ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	117160	10.008 ng	#	79
25) Isophorone	7.35	82	881633	36.148 ng	#	64
46) 1,1'-Biphenyl	9.25	154	2805	Below Cal		91
50) Dimethylphthalate	9.55	163	317347	11.220 ng		97
57) 2,4-Dinitrotoluene	9.83	165	49851	6.474 ng	#	25
60) Diethylphthalate	10.25	149	73347	2.720 ng		94

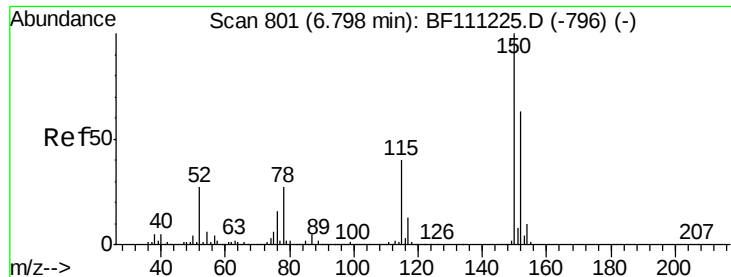
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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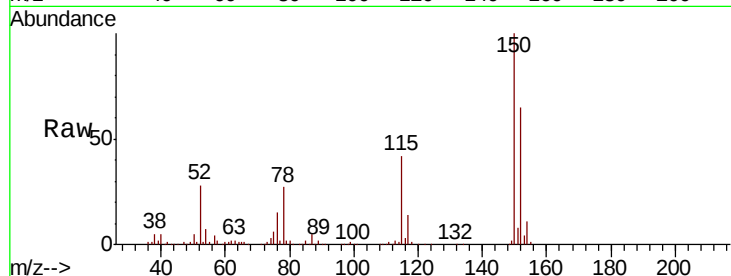


#1

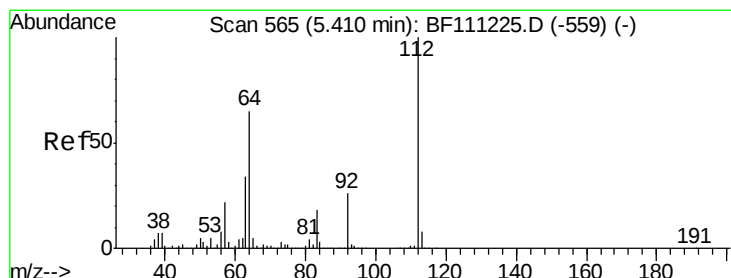
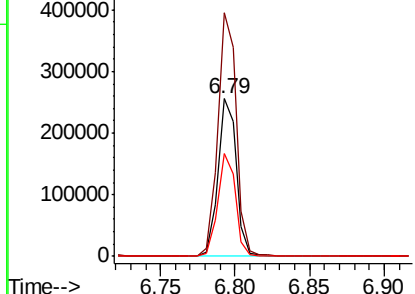
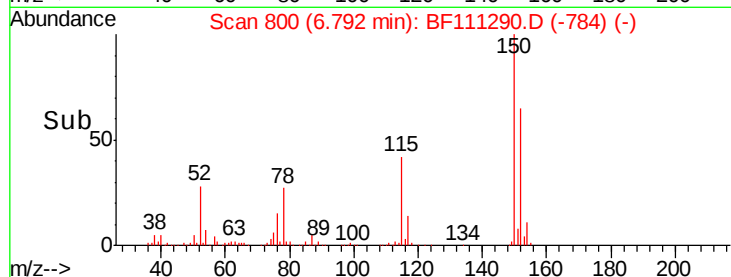
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

Tgt Ion:152 Resp: 222058
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 64.8 50.7 76.1



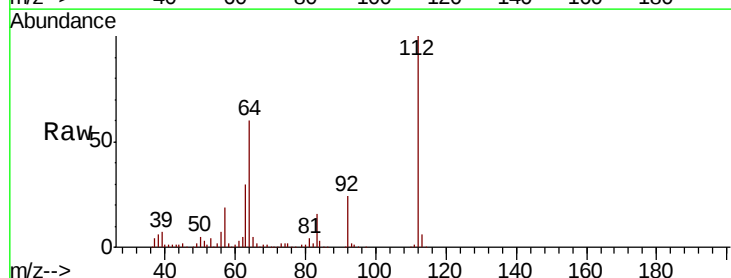
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



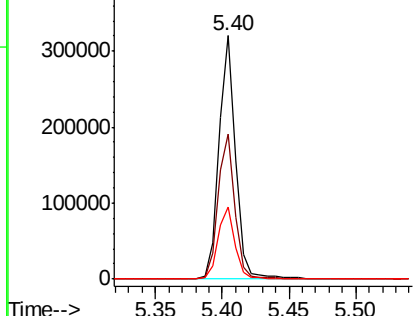
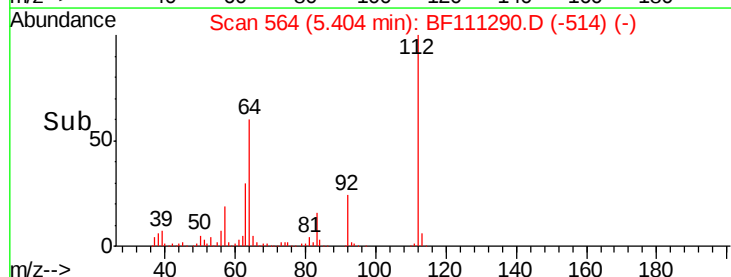
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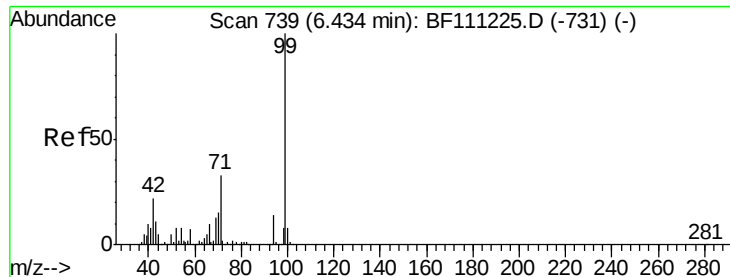
2-Fluorophenol
Concen: 20.231 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:112 Resp: 284503
Ion Ratio Lower Upper
112 100
64 59.8 51.8 77.6
63 29.6 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: 13.955 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111290.D

Acq: 11 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-DISSOLVED

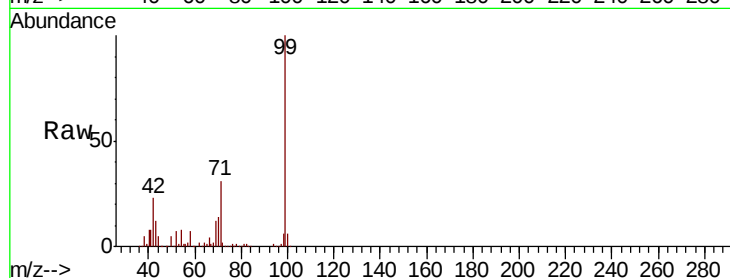
Tgt Ion: 99 Resp: 243881

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

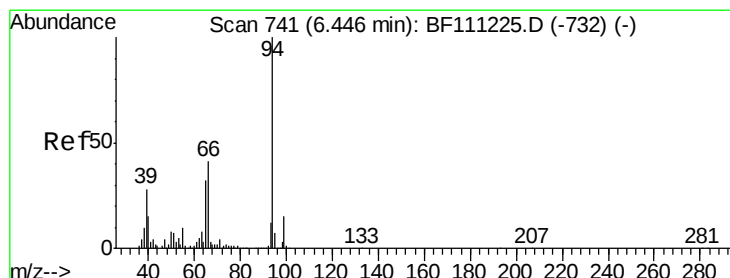
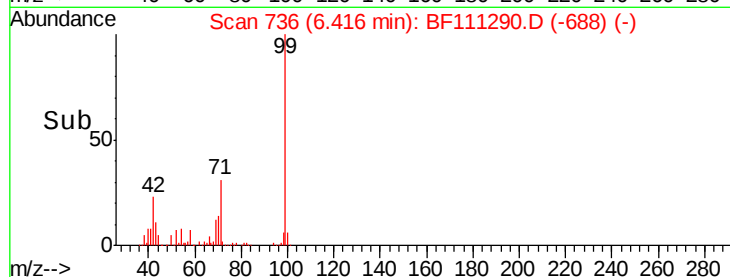
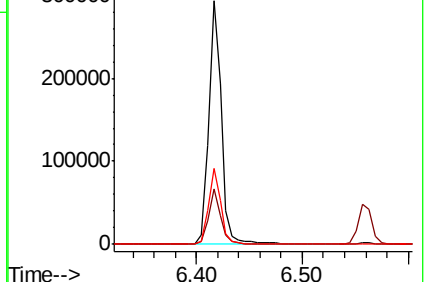
71 31.3 26.1 39.1



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: 7.435 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111290.D

Acq: 11 Dec 2018 21:46

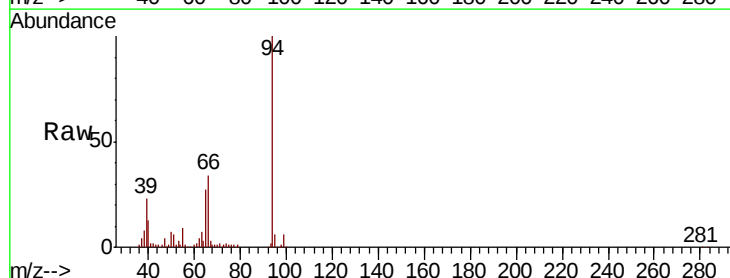
Tgt Ion: 94 Resp: 151924

Ion Ratio Lower Upper

94 100

65 26.5 11.7 51.7

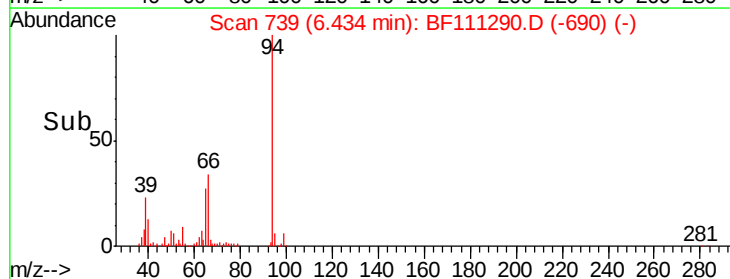
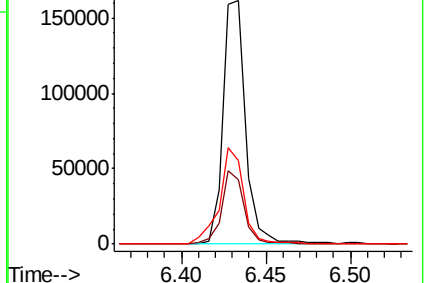
66 34.4 21.0 61.0

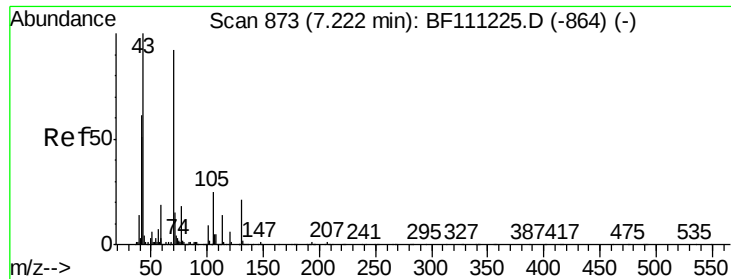


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

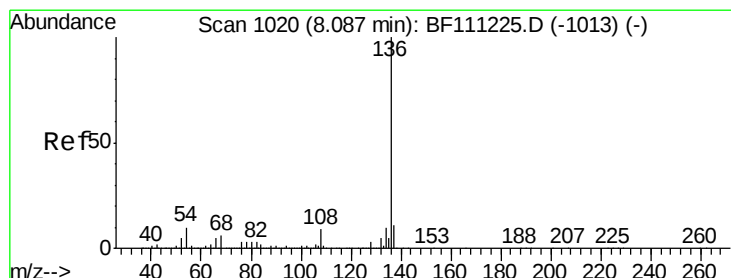
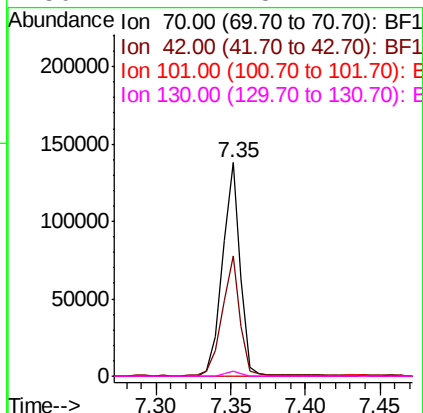
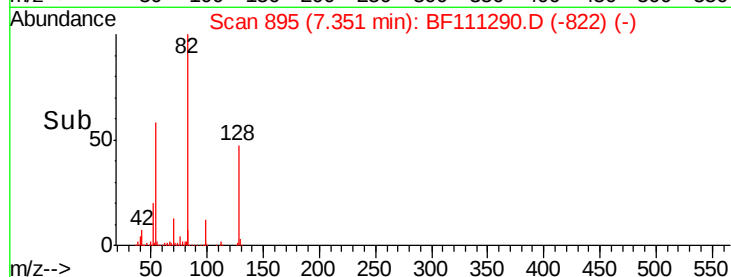
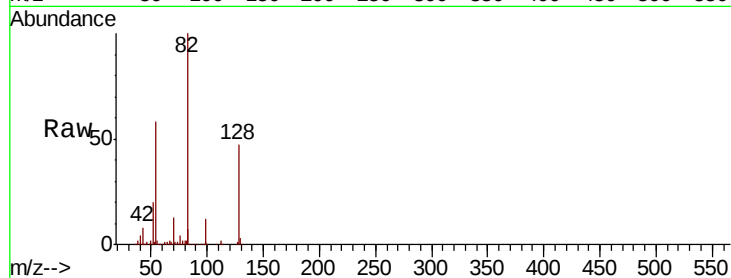




#19
n-Nitroso-di-n-propylamine
Concen: 10.008 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

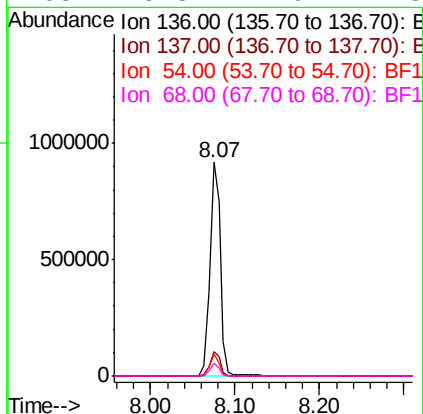
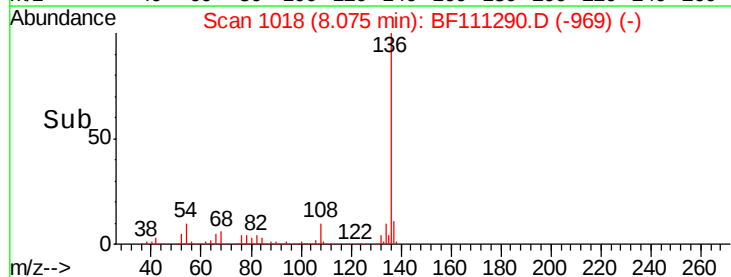
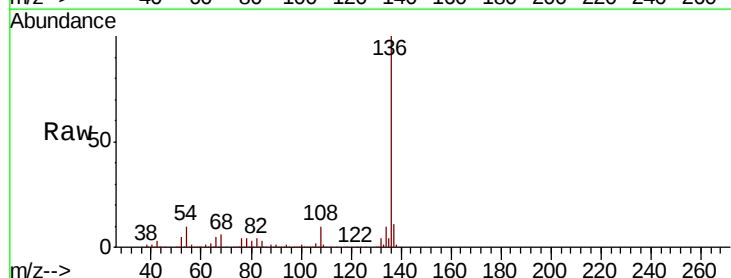
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COMPOSITE-4-DISSOLVED

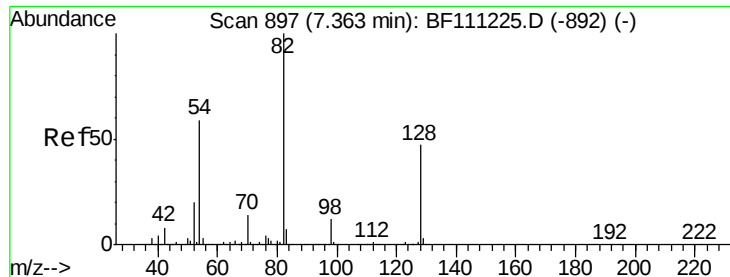
Tgt Ion:	70	Resp:	117160
Ion	Ratio	Lower	Upper
70	100		
42	56.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:	136	Resp:	803178
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.0	7.7	11.5
68	5.8	4.9	7.3

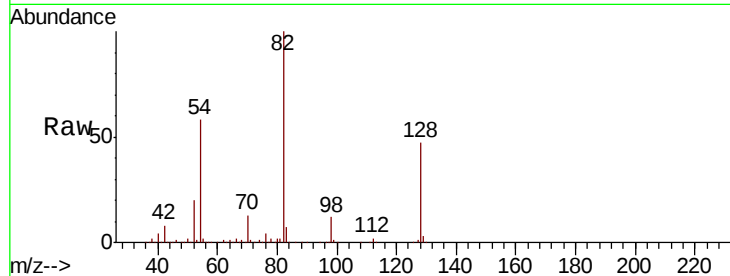




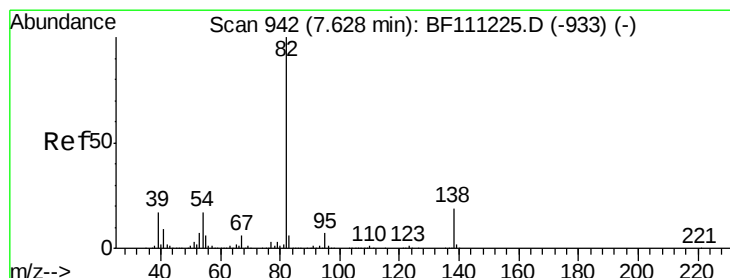
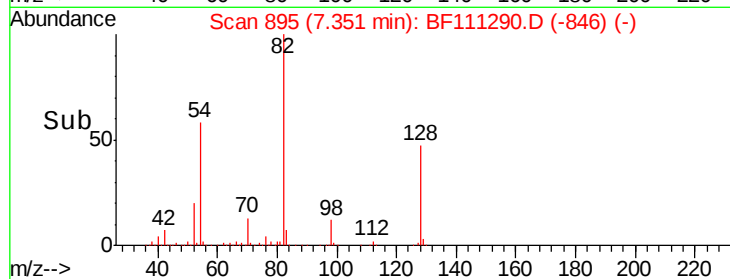
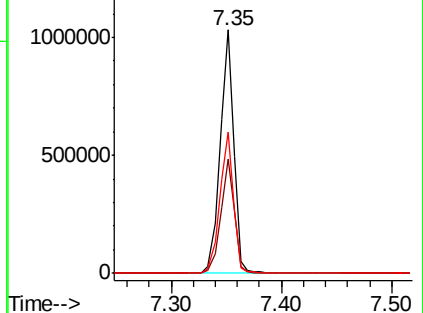
#23
 Nitrobenzene-d5
 Concen: 62.075 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111290.D
 Acq: 11 Dec 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-DISSOLVED

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	58.0	47.6	71.4

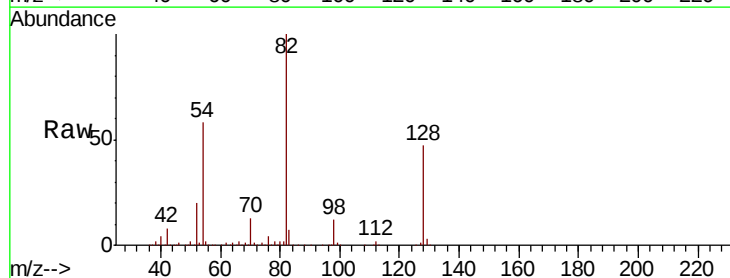


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

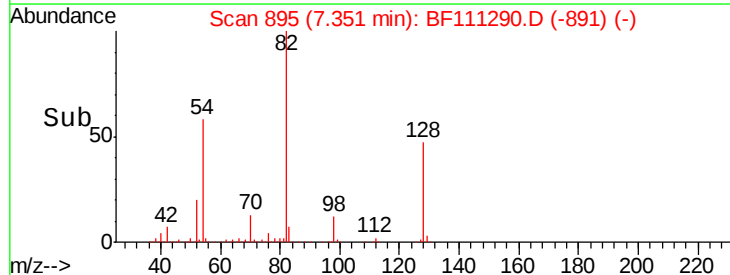
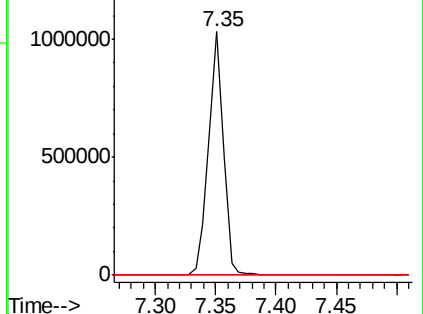


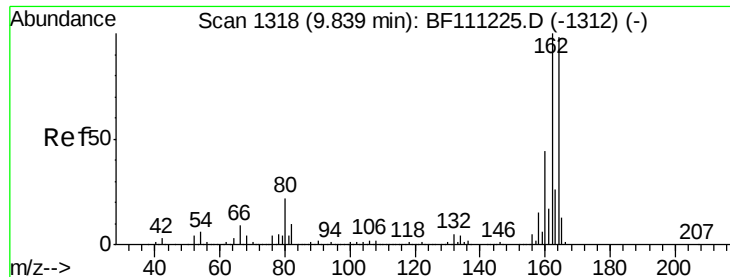
#25
 Isophorone
 Concen: 36.148 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111290.D
 Acq: 11 Dec 2018 21:46

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

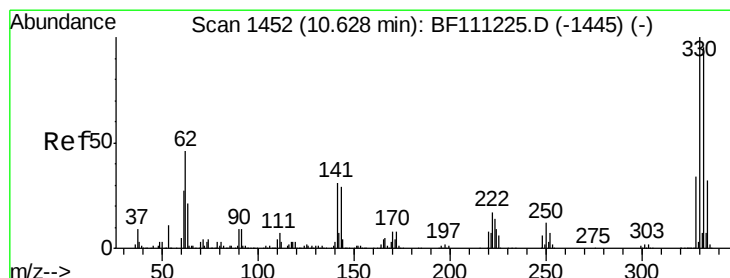
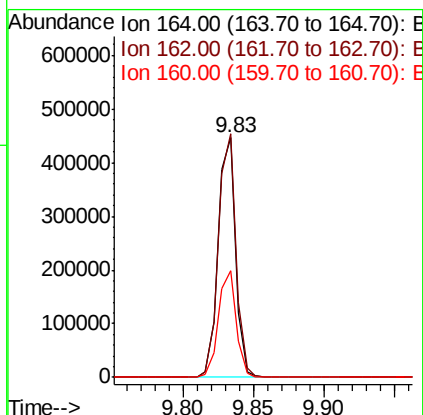
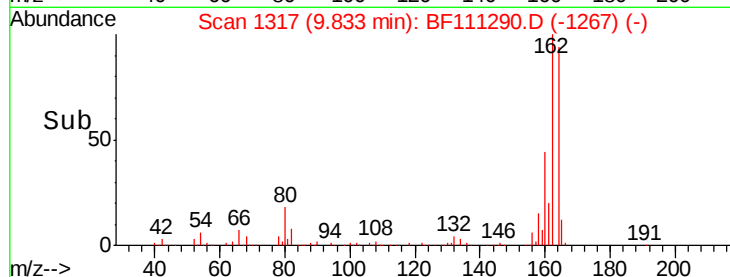
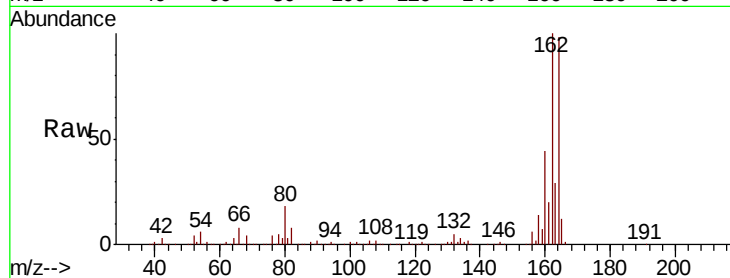




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

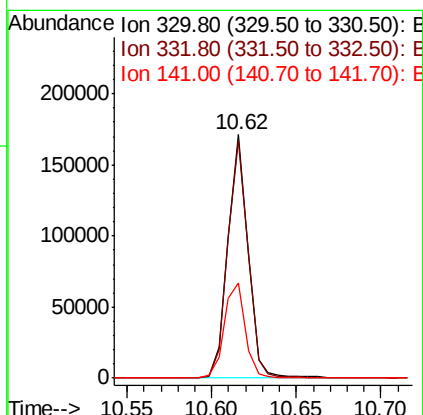
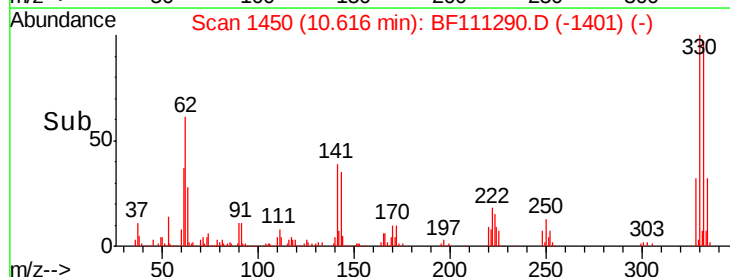
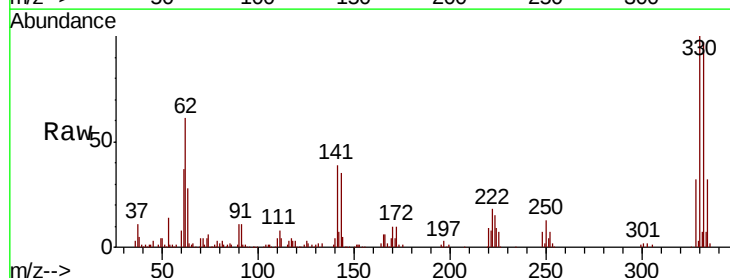
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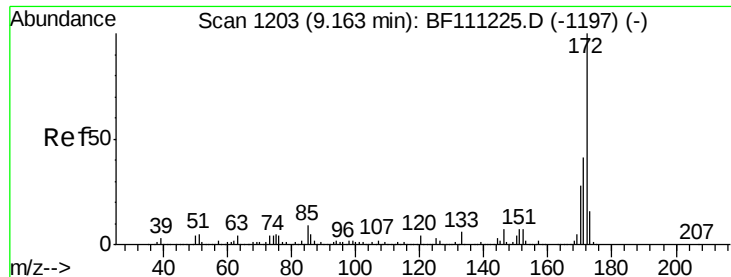
Tgt Ion:164 Resp: 383335
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.6 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 41.783 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:330 Resp: 141878
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 41.3 31.0 46.6

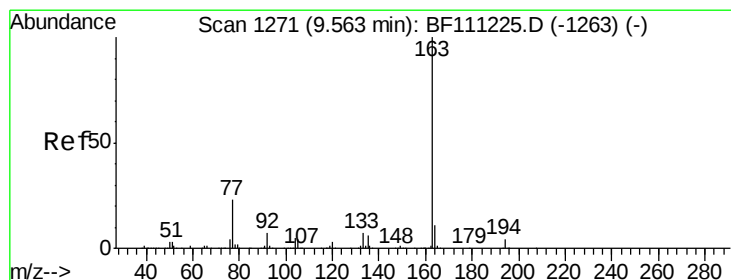
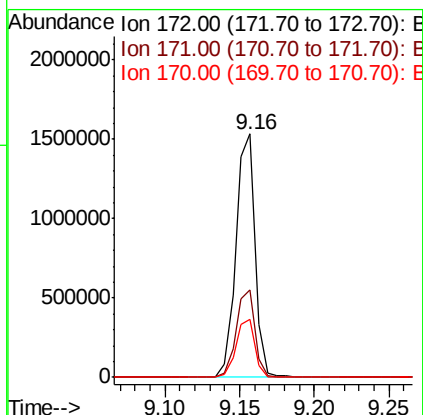
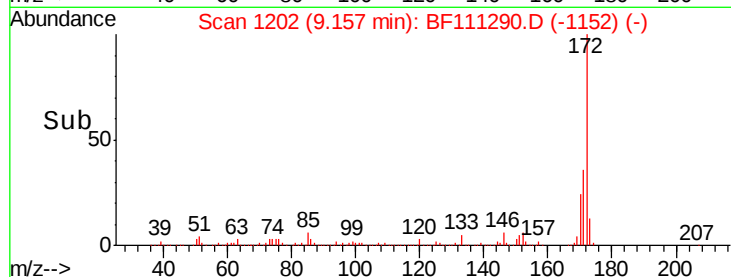
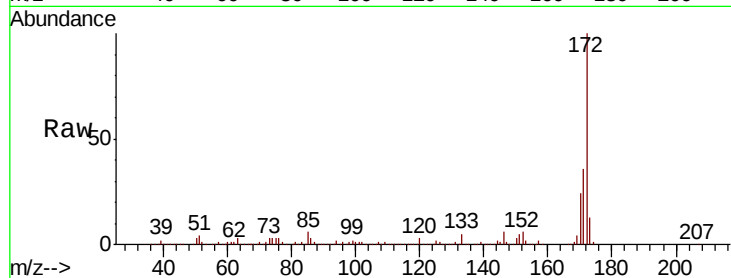




#45
2-Fluorobiphenyl
Concen: 56.660 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

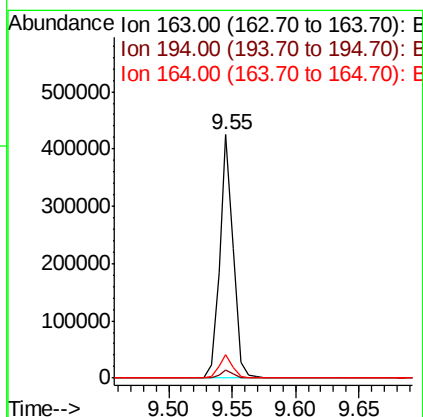
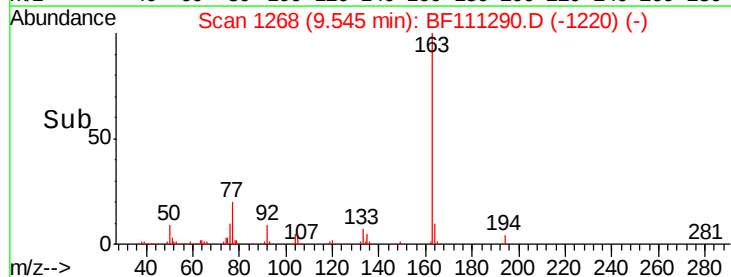
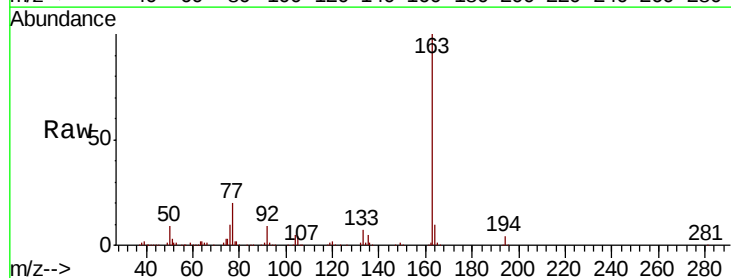
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COMPOSITE-4-DISSOLVED

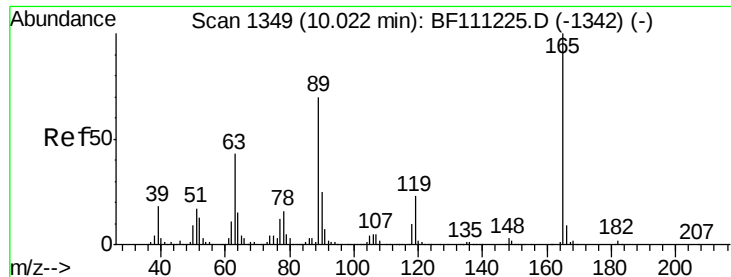
Tgt Ion:172 Resp: 1387714
Ion Ratio Lower Upper
172 100
171 35.7 33.0 49.4
170 23.7 22.3 33.5



#50
Dimethylphthalate
Concen: 11.220 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:163 Resp: 317347
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.5 8.9 13.3

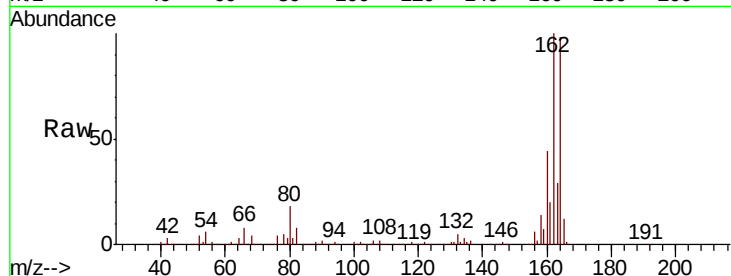




#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

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



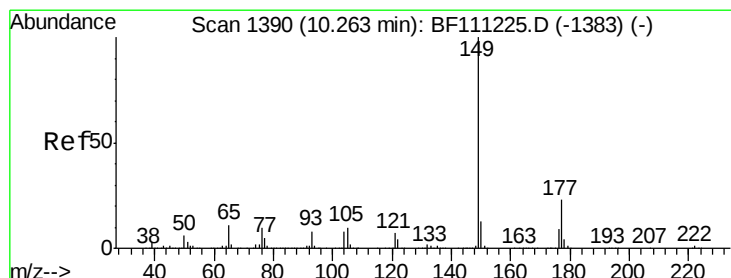
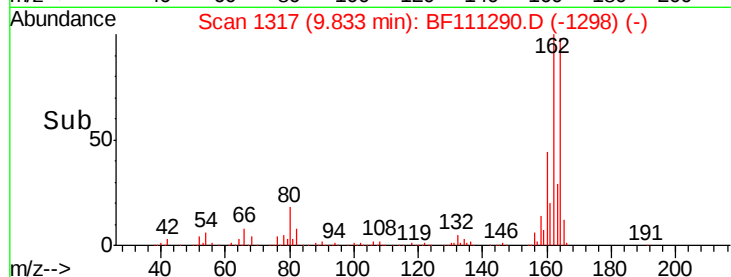
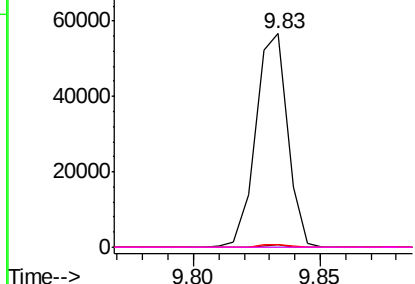
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

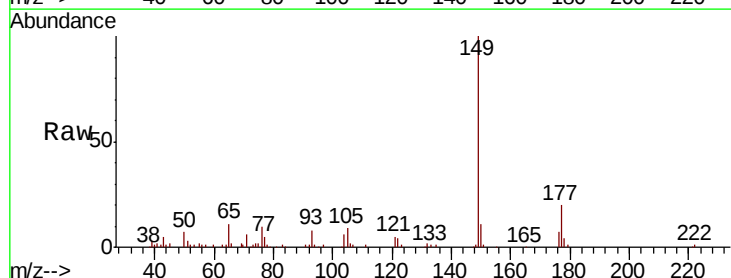
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#60
Diethylphthalate
Concen: 2.720 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.5	18.3	27.5
150	11.2	10.6	15.8

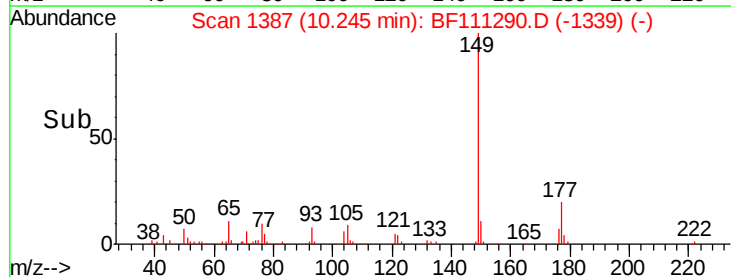
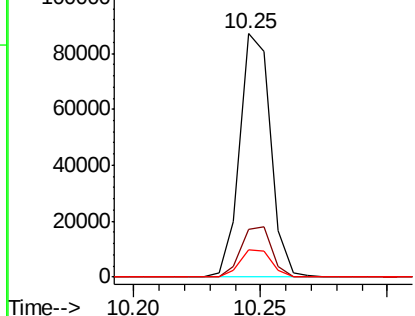


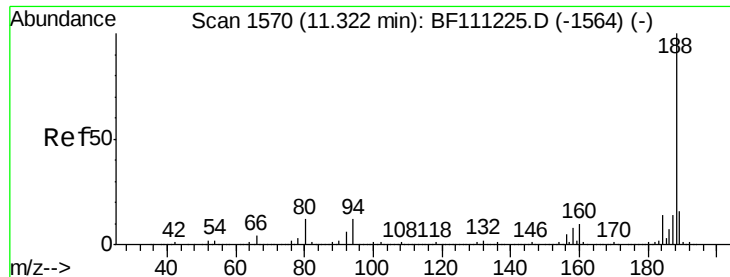
Abundance

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

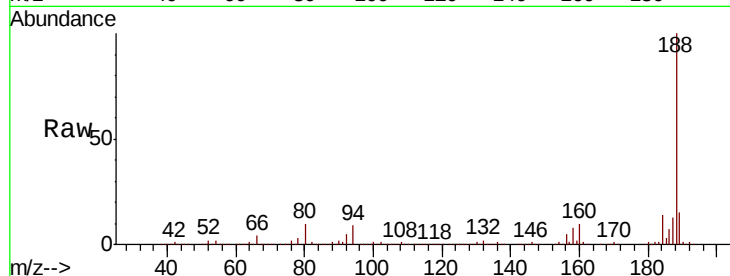




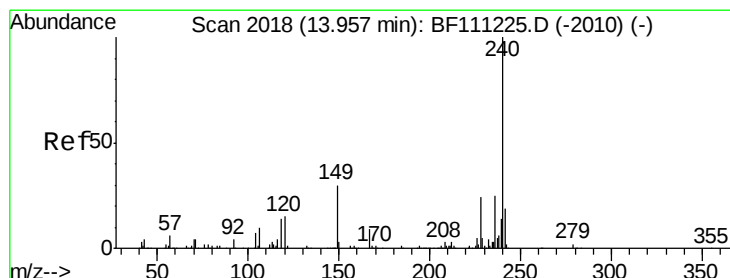
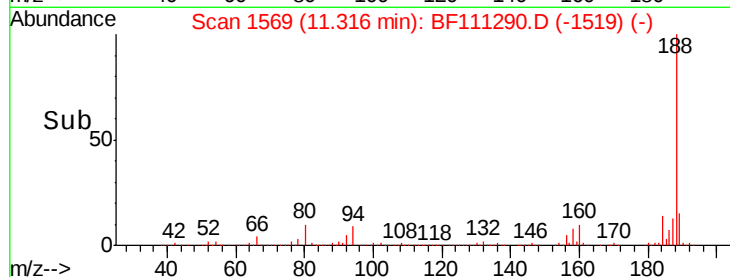
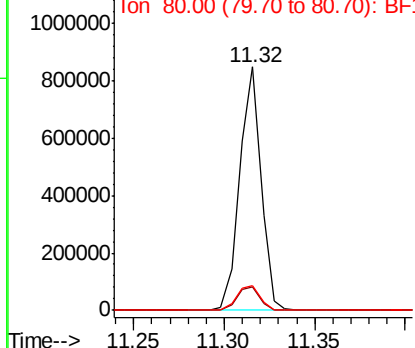
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

Tgt Ion:188 Resp: 699178
Ion Ratio Lower Upper
188 100
94 9.4 9.6 14.4#
80 10.3 9.8 14.6

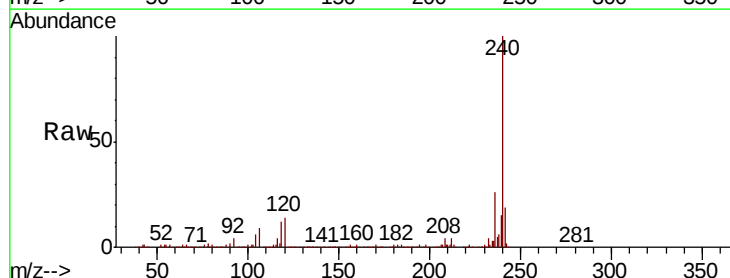


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

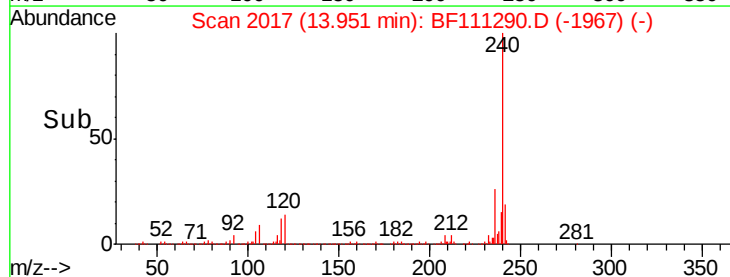
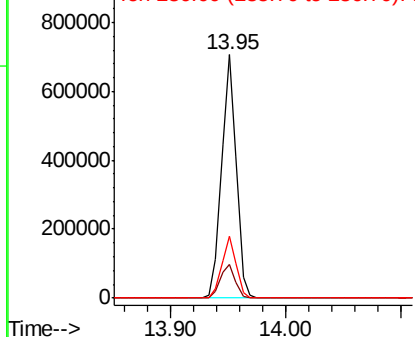


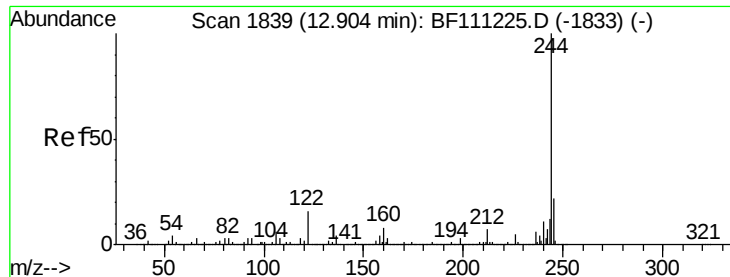
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:240 Resp: 621519
Ion Ratio Lower Upper
240 100
120 13.7 12.2 18.2
236 25.6 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: 52.663 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111290.D

Acq: 11 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-DISSOLVED

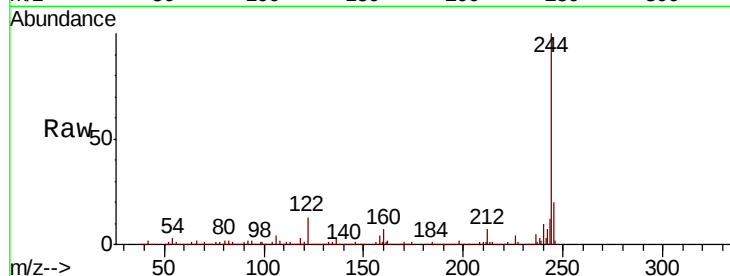
Tgt Ion:244 Resp: 1364580

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 13.0 13.1 19.7#

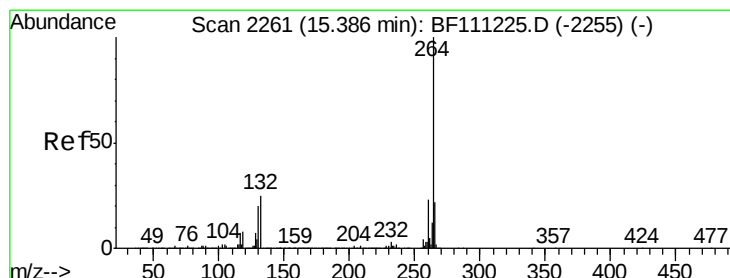
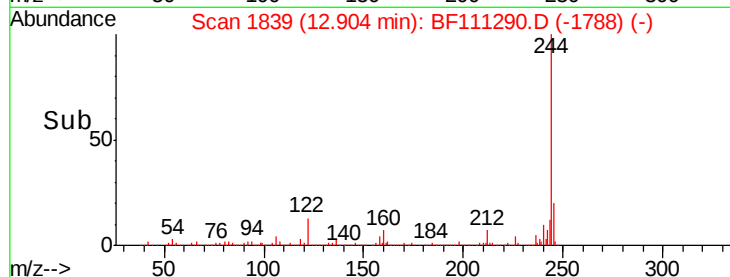
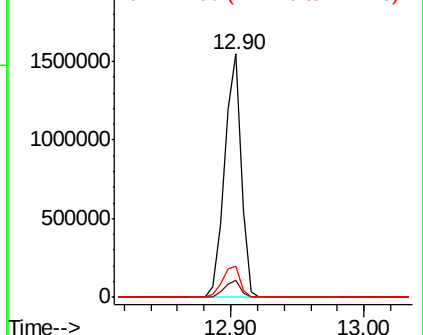


Abundance

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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111290.D

Acq: 11 Dec 2018 21:46

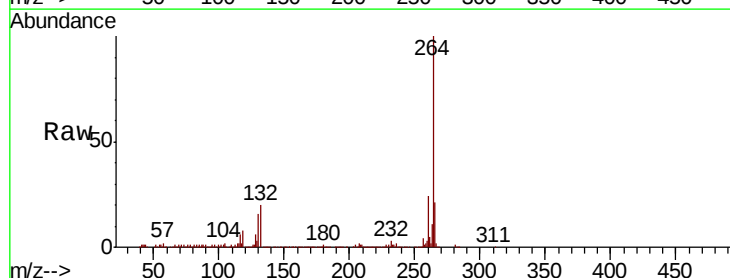
Tgt Ion:264 Resp: 473136

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.5 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

