

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111394.D
 Acq On : 14 Dec 2018 2:26
 Operator : JU/SJ
 Sample : J6322-23
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618

Quant Time: Dec 14 03:46:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

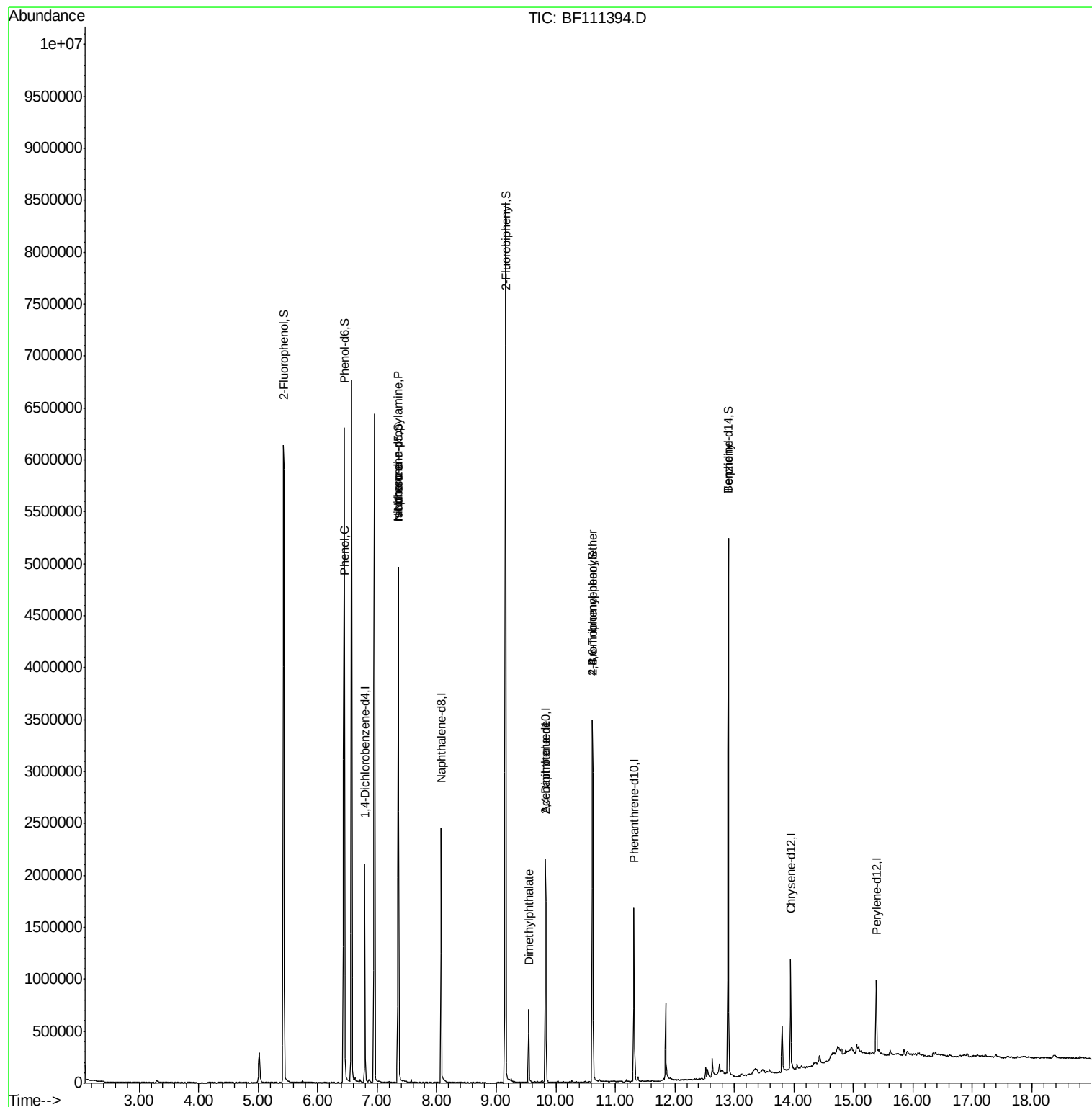
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	283495	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1050997	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	423178	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	610913	20.00	ng	0.00
76) Chrysene-d12	13.94	240	357643	20.00	ng	-0.01
87) Perylene-d12	15.39	264	324969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1958452	116.82	ng	0.02
7) Phenol-d6	6.45	99	2572606	113.82	ng	0.01
23) Nitrobenzene-d5	7.36	82	1719156	92.20	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	410258	109.98	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2645159	100.35	ng	0.00
79) Terphenyl-d14	12.90	244	1794947	110.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	5002	Below Cal		Qvalue
10) Phenol	6.46	94	154982	6.053	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	224079	14.919	ng	# 76
25) Isophorone	7.36	82	1695533	53.530	ng	# 64
50) Dimethylphthalate	9.55	163	272105	8.942	ng	97
57) 2,4-Dinitrotoluene	9.83	165	53299	6.165	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	26101	3.838	ng	# 1
77) Benzydine	12.90	184	20750	3.074	ng	98

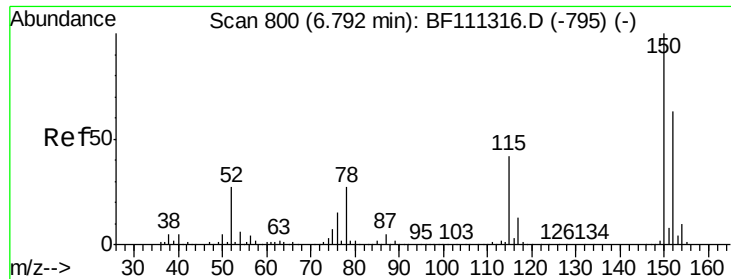
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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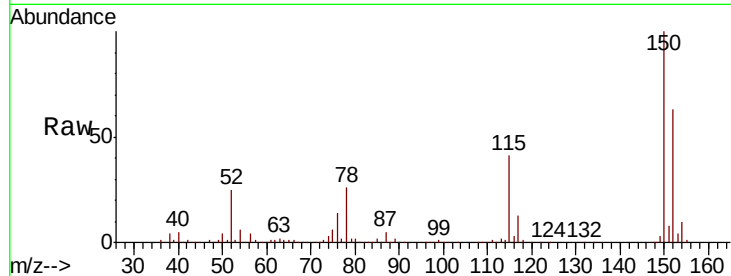




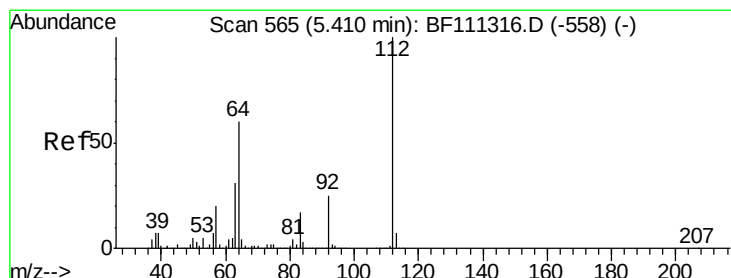
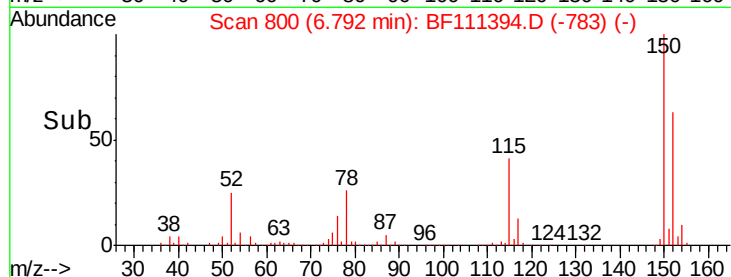
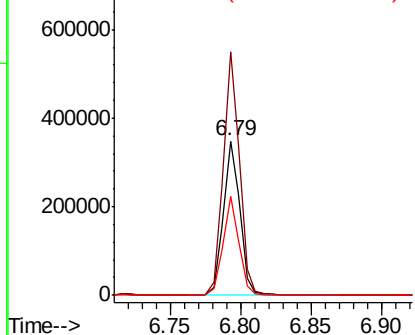
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111394.D
 Acq: 14 Dec 2018 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618

Tgt Ion:152 Resp: 283495
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.6 189.8
 115 64.0 50.7 76.1

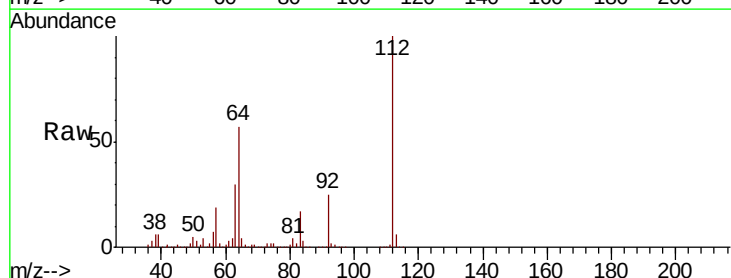


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

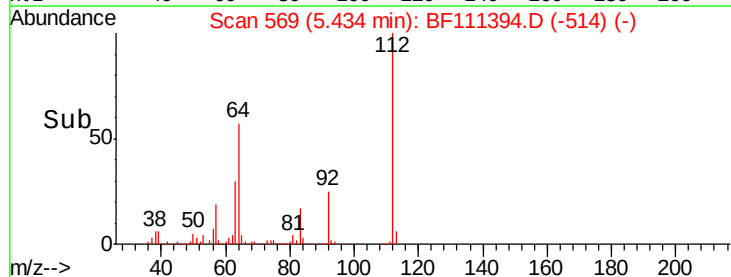
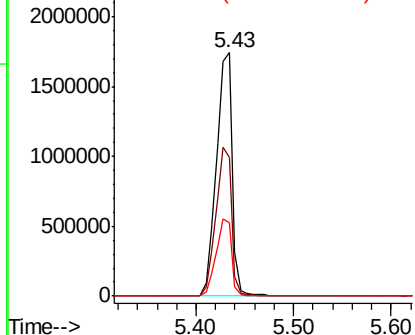


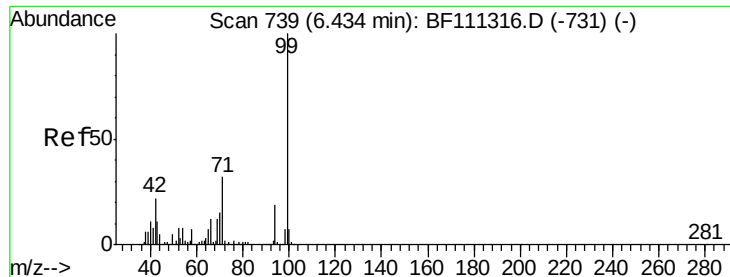
#5
 2-Fluorophenol
 Concen: 116.820 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF111394.D
 Acq: 14 Dec 2018 2:26

Tgt Ion:112 Resp: 1958452
 Ion Ratio Lower Upper
 112 100
 64 57.0 51.8 77.6
 63 30.1 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: 113.816 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111394.D

Acq: 14 Dec 2018 2:26

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-1-120618

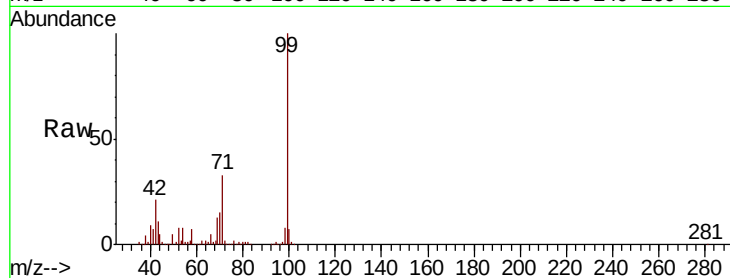
Tgt Ion: 99 Resp: 2572606

Ion Ratio Lower Upper

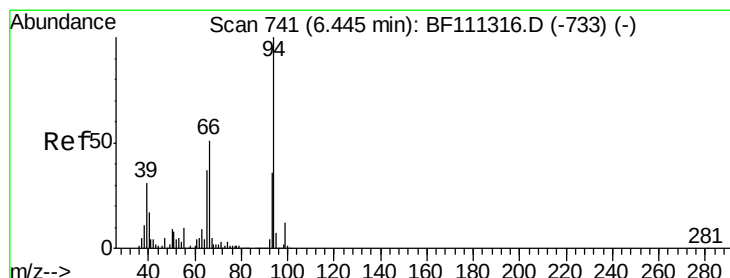
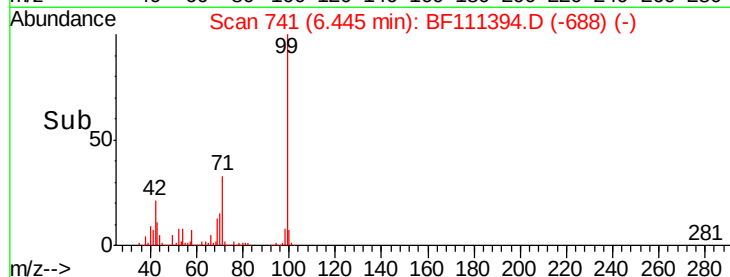
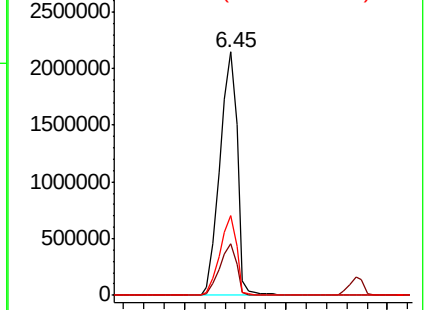
99 100

42 21.4 17.4 26.0

71 32.7 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: 6.053 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111394.D

Acq: 14 Dec 2018 2:26

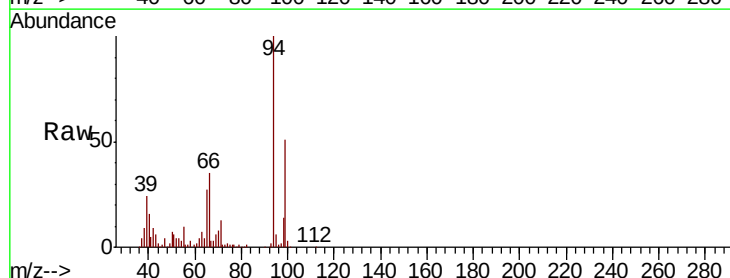
Tgt Ion: 94 Resp: 154982

Ion Ratio Lower Upper

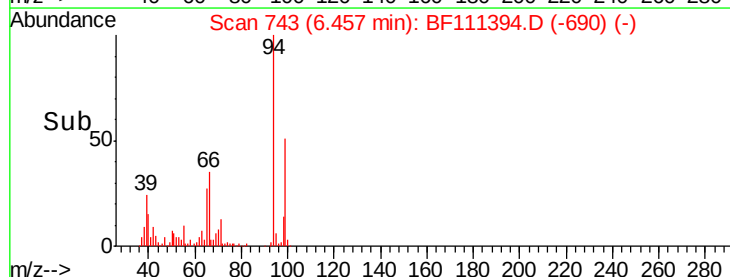
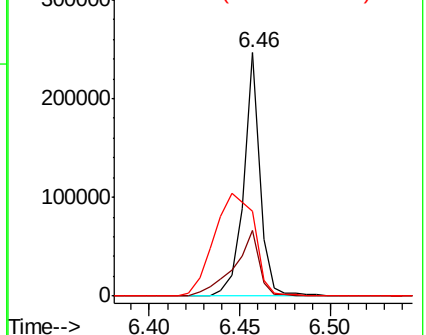
94 100

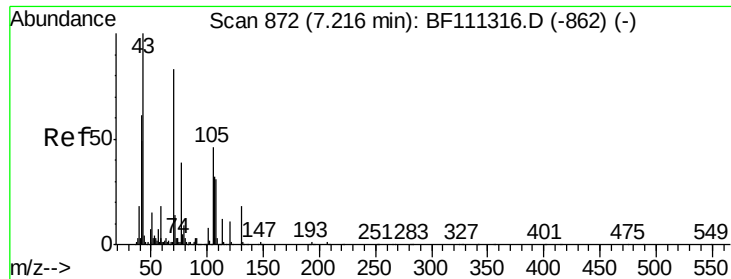
65 26.9 11.7 51.7

66 34.9 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

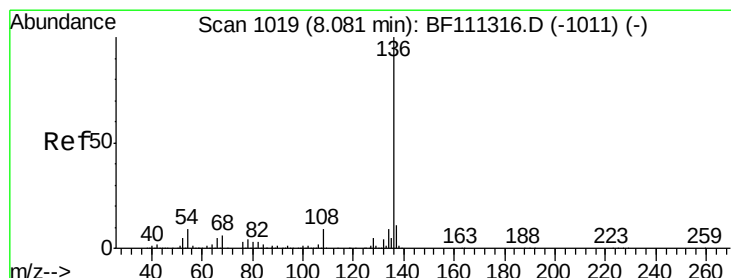
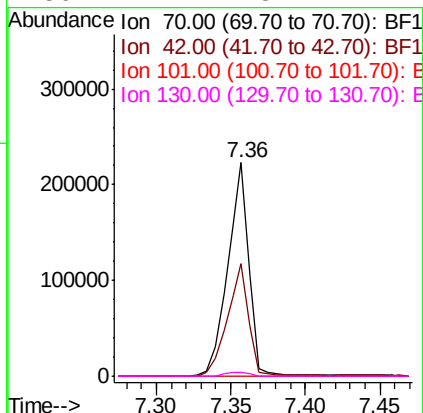
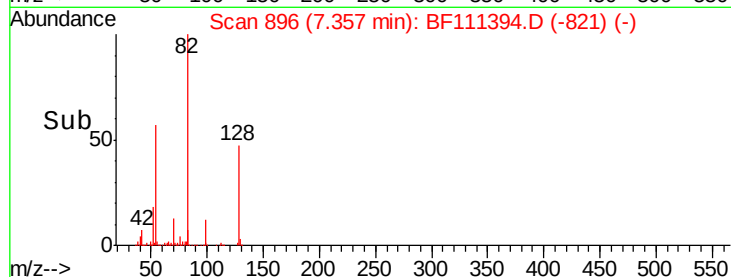
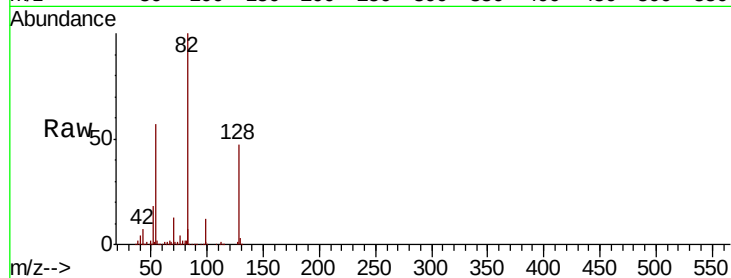




#19
n-Nitroso-di-n-propylamine
Concen: 14.919 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

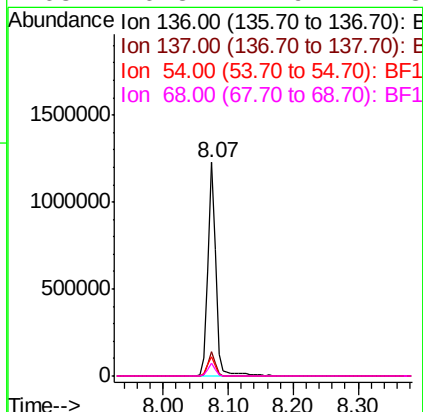
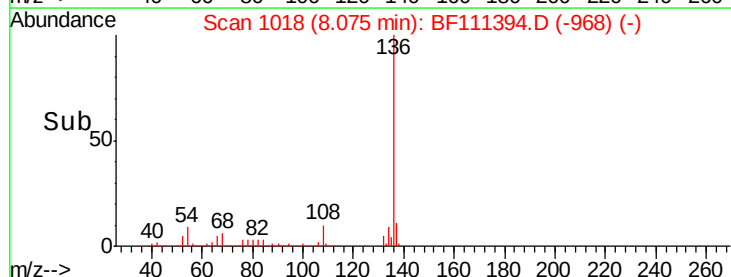
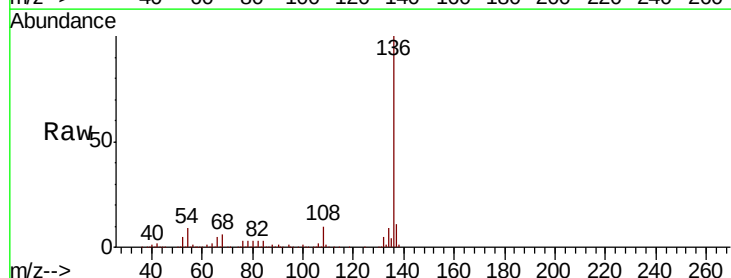
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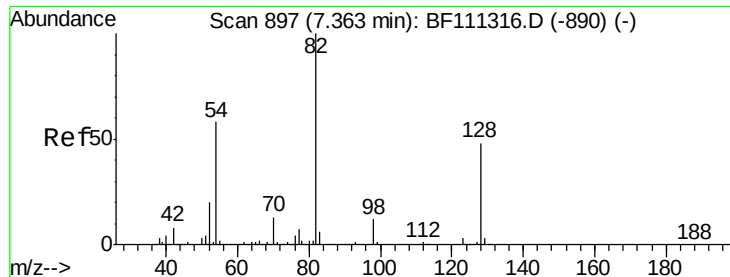
Tgt Ion: 70 Resp: 224079
Ion Ratio Lower Upper
70 100
42 52.5 53.2 79.8#
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Tgt Ion: 136 Resp: 1050997
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.2 7.7 11.5
68 6.3 4.9 7.3

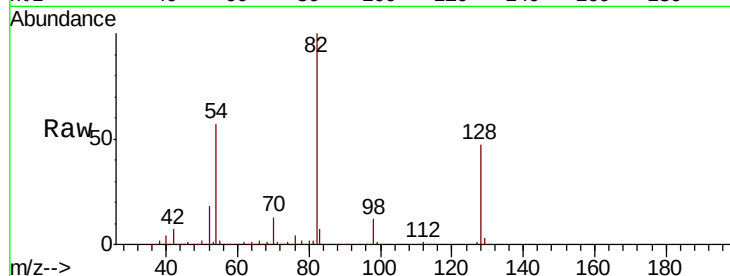




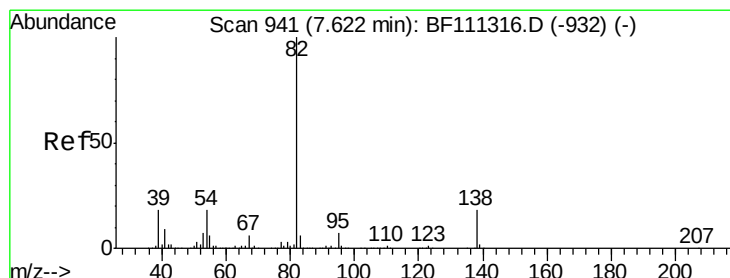
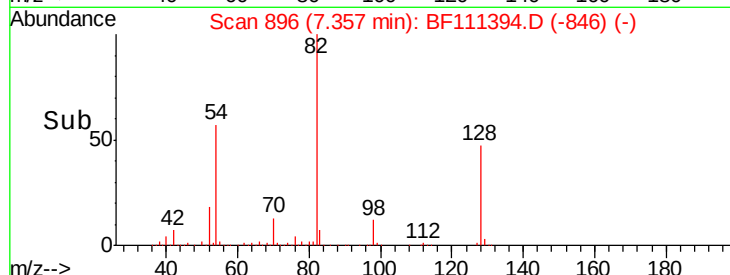
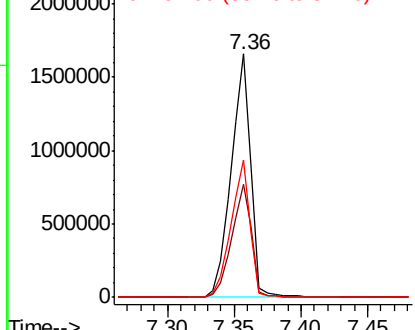
#23
Nitrobenzene-d5
Concen: 92.196 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618

Tgt Ion: 82 Resp: 1719156
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 56.6 47.6 71.4

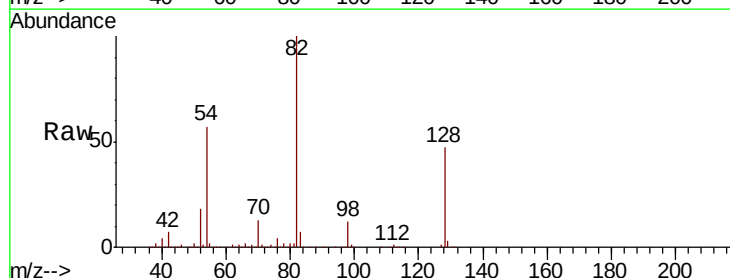


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

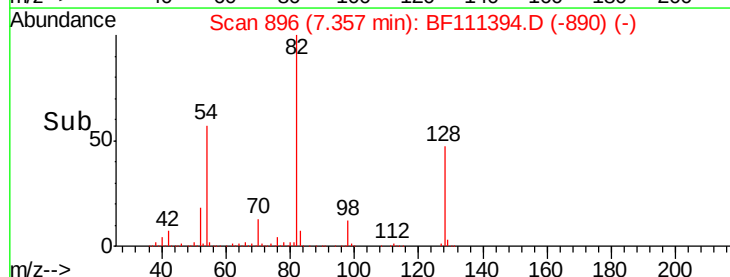
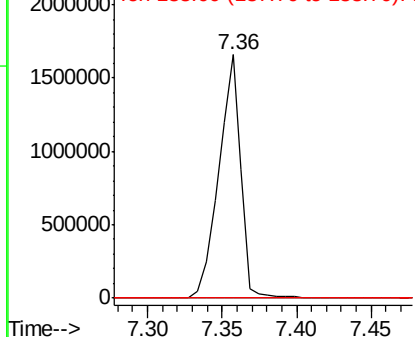


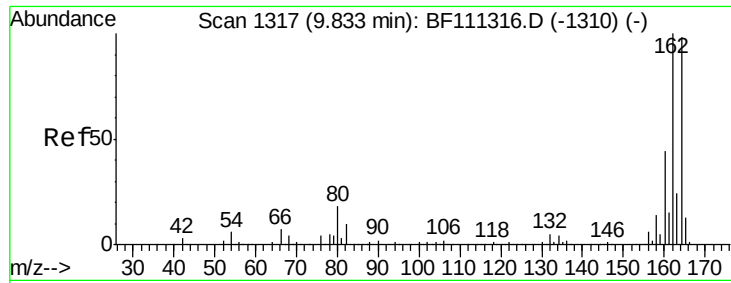
#25
Isophorone
Concen: 53.530 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Tgt Ion: 82 Resp: 1695533
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

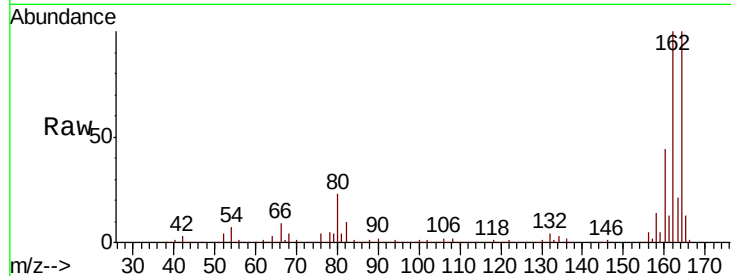




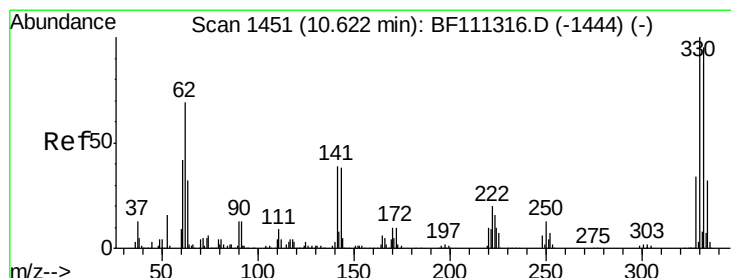
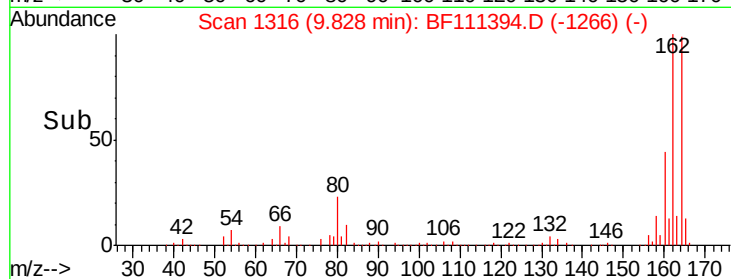
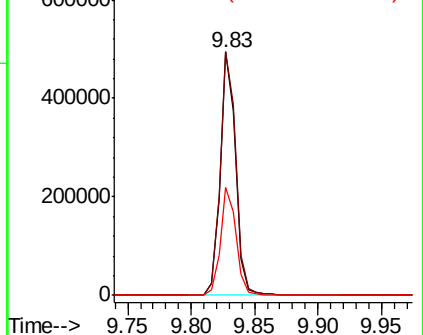
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

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Tgt Ion:164 Resp: 423178
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.2 35.7 53.5

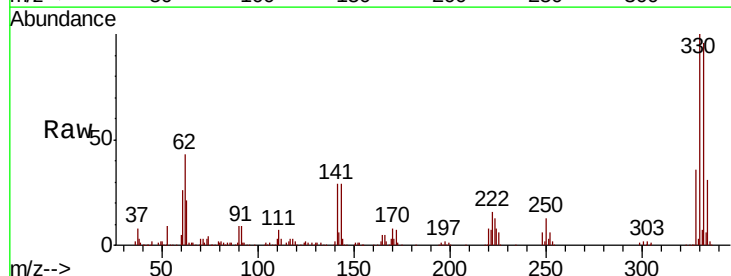


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

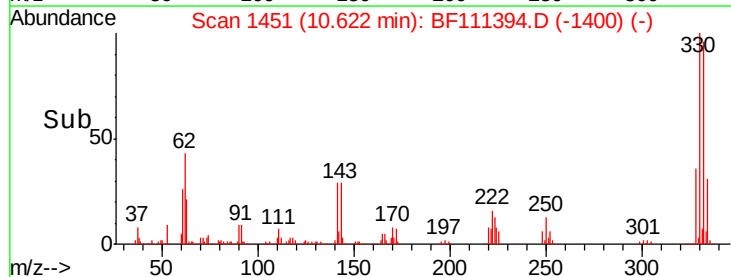
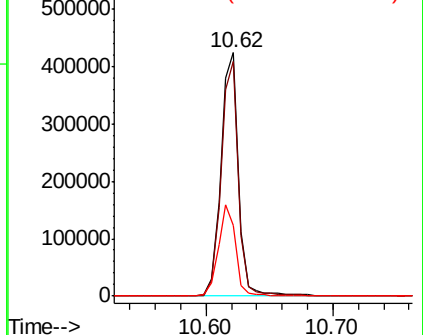


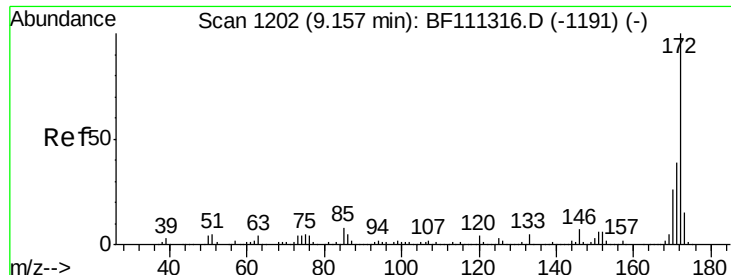
#42
2,4,6-Tribromophenol
Concen: 109.978 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Tgt Ion:330 Resp: 410258
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 37.2 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

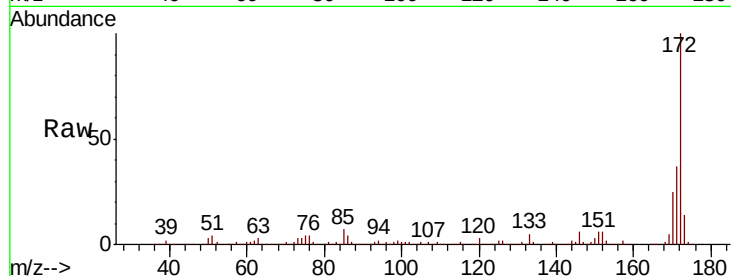




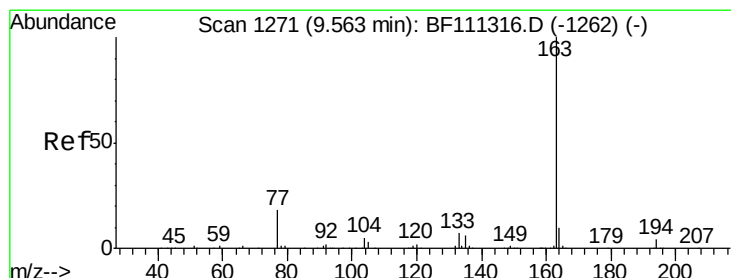
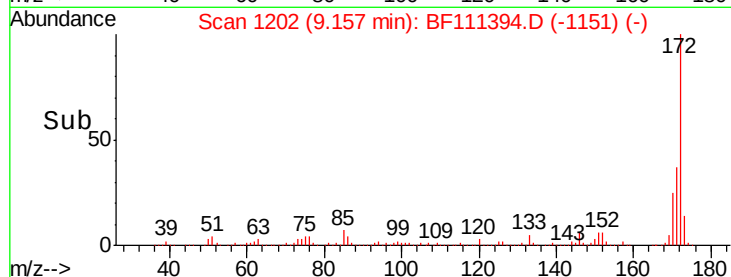
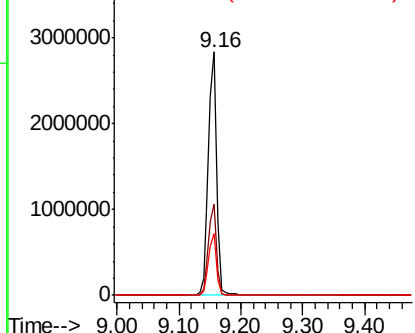
#45
2-Fluorobiphenyl
Concen: 100.354 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Instrument :
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Tgt Ion:172 Resp: 2645159
Ion Ratio Lower Upper
172 100
171 37.4 33.0 49.4
170 25.4 22.3 33.5

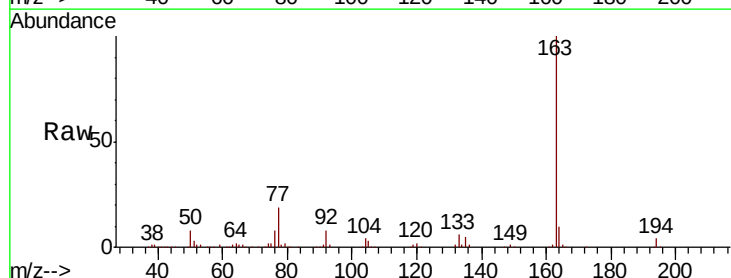


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

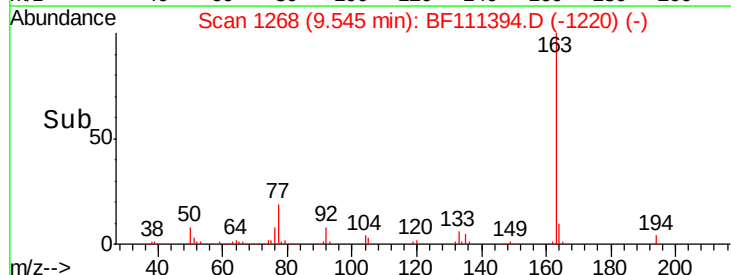
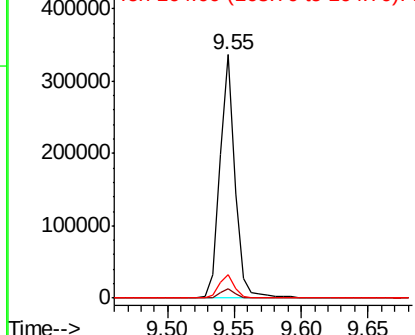


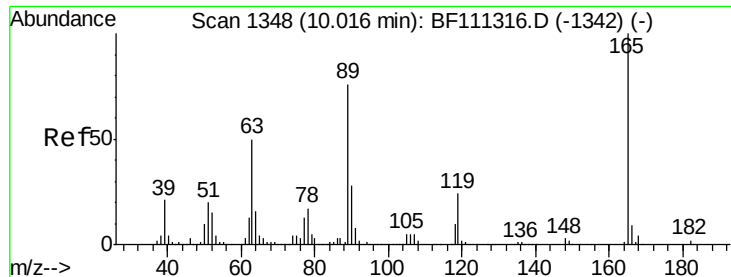
#50
Dimethylphthalate
Concen: 8.942 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Tgt Ion:163 Resp: 272105
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.6 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

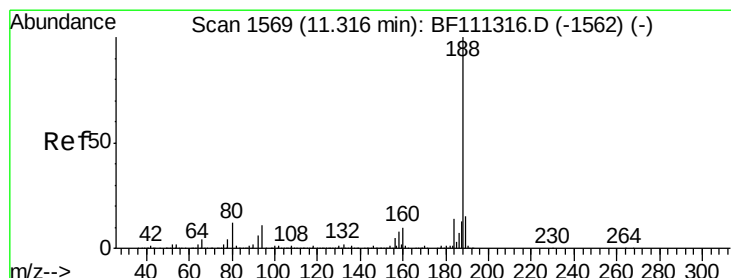
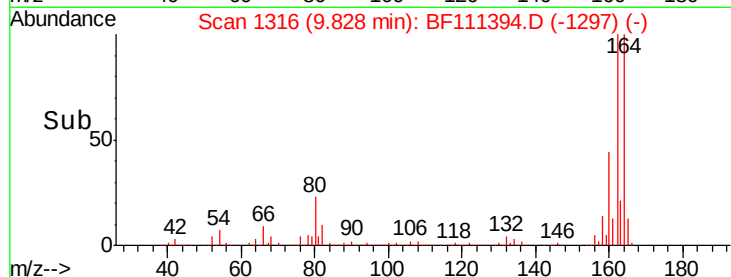
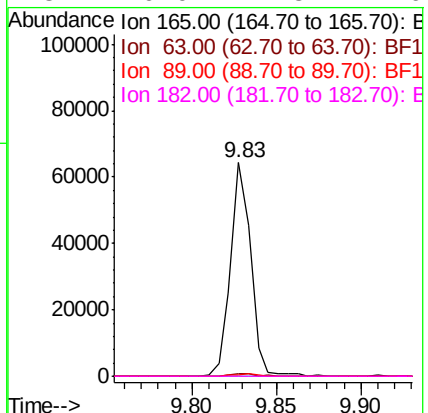
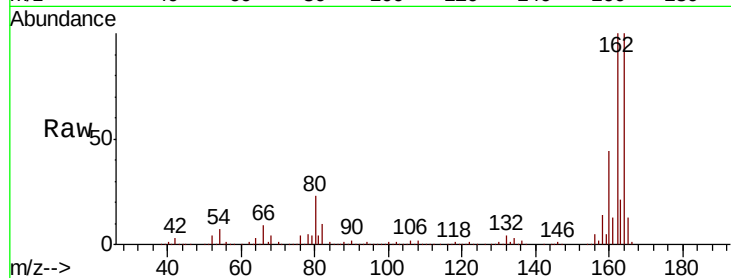




#57
2,4-Dinitrotoluene
Concen: 6.165 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

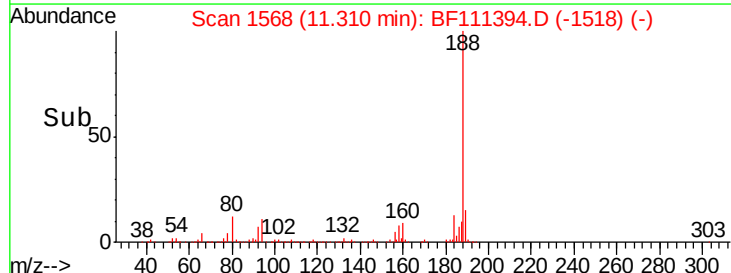
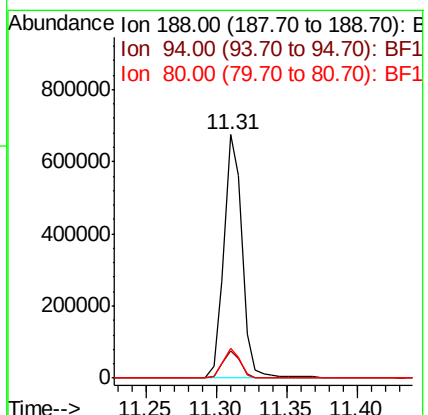
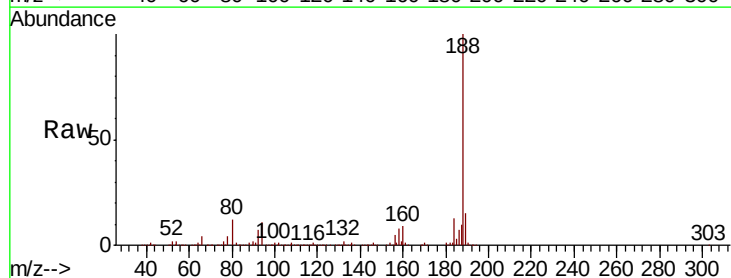
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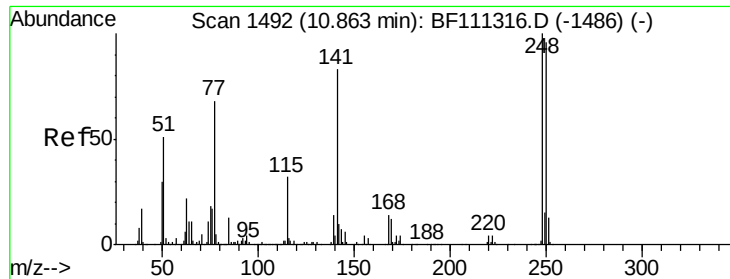
Tgt Ion:	165	Resp:	53299
Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	0.8	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Tgt Ion:	188	Resp:	610913
Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.6	14.4
80	12.4	9.8	14.6

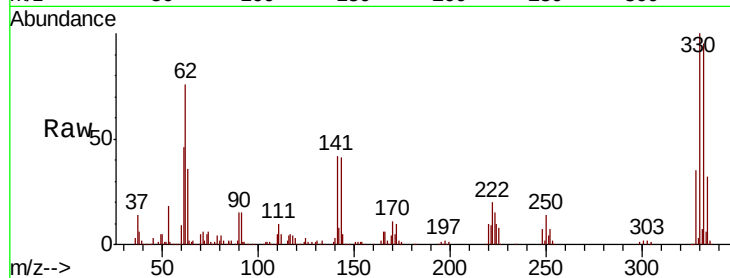




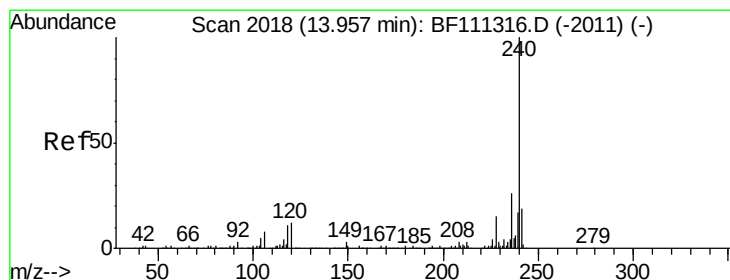
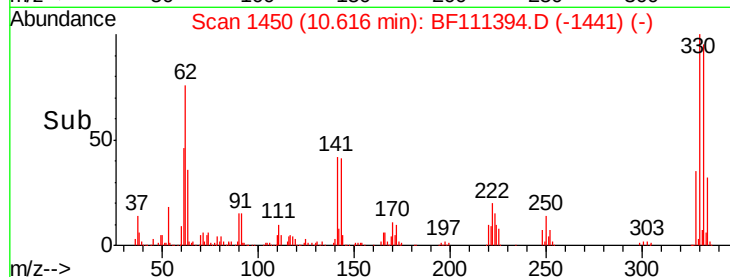
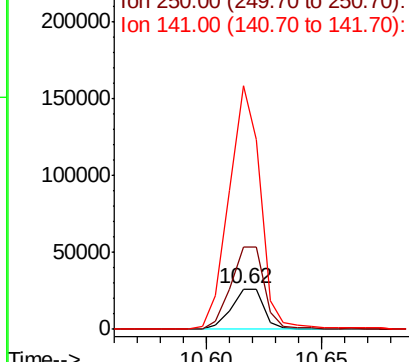
#67
4-Bromophenyl-phenylether
Concen: 3.838 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618

Tgt Ion:248 Resp: 26101
Ion Ratio Lower Upper
248 100
250 205.7 77.0 115.4#
141 604.3 63.0 94.6#

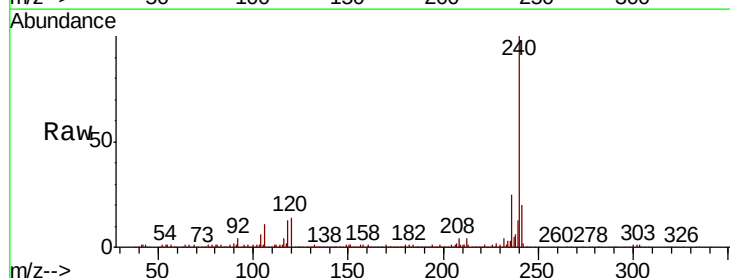


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

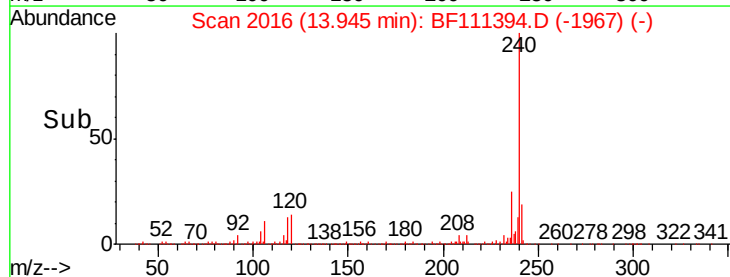
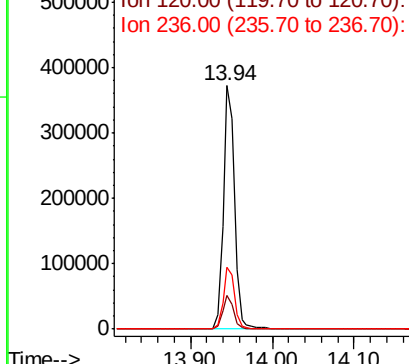


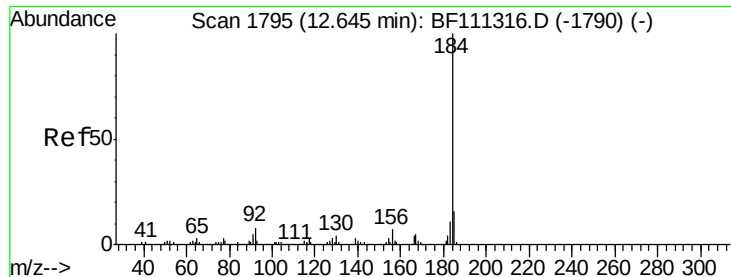
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Tgt Ion:240 Resp: 357643
Ion Ratio Lower Upper
240 100
120 14.0 12.2 18.2
236 25.3 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





#77

Benzidine

Concen: 3.074 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF111394.D

Acq: 14 Dec 2018 2:26

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-1-120618

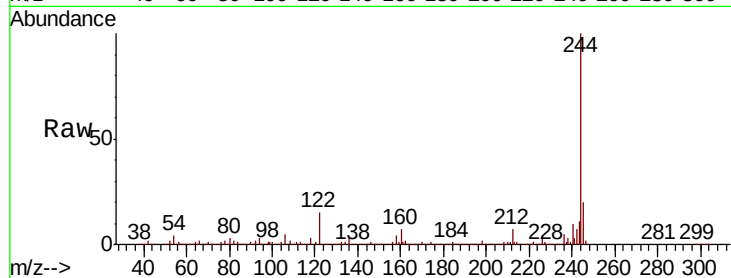
Tgt Ion:184 Resp: 20750

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

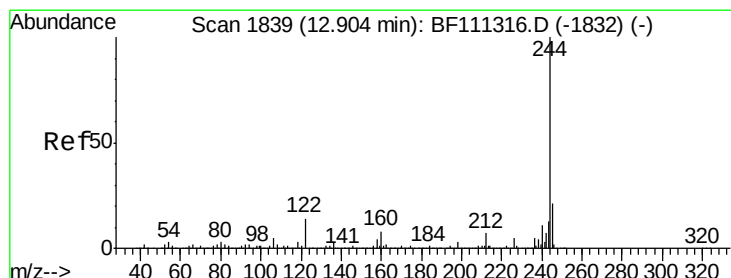
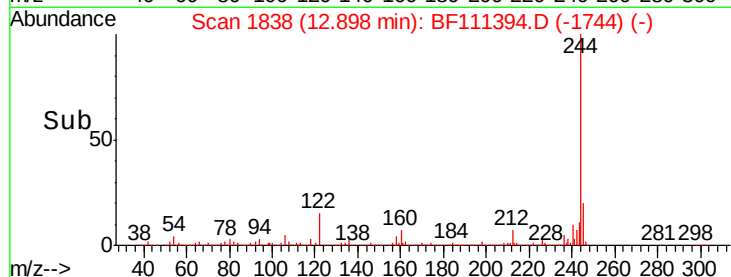
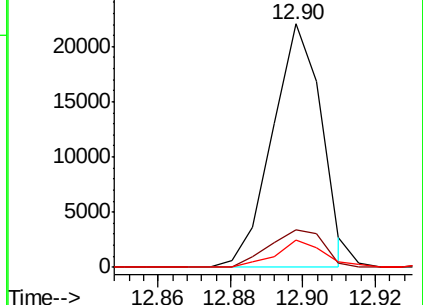
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 110.461 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111394.D

Acq: 14 Dec 2018 2:26

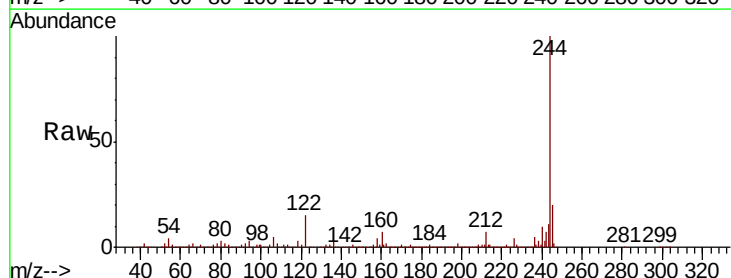
Tgt Ion:244 Resp: 1794947

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

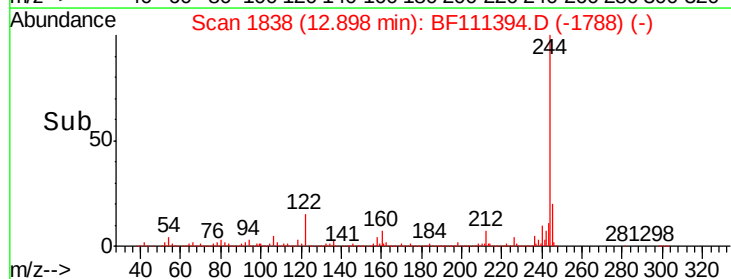
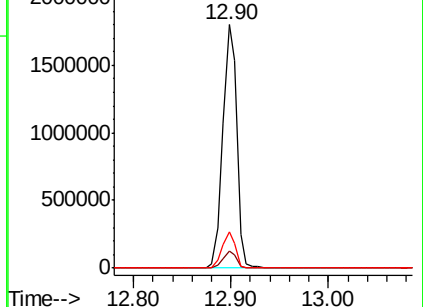
122 14.9 13.1 19.7

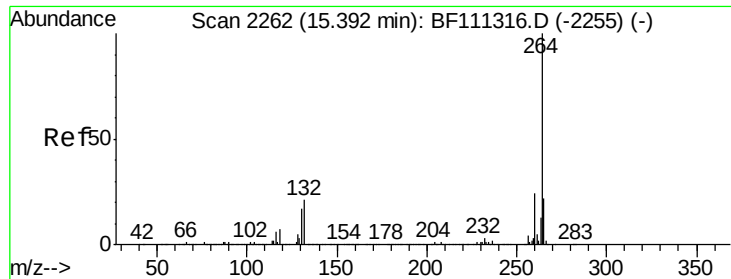


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

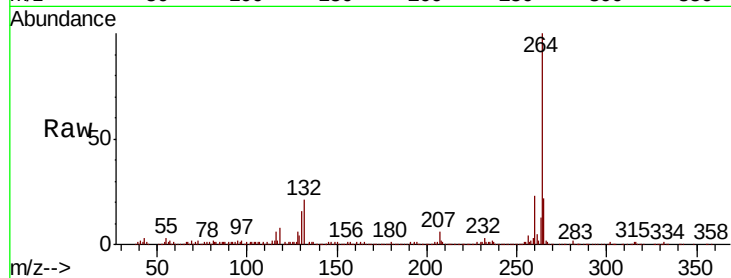




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111394.D
Acq: 14 Dec 2018 2:26

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618

Tgt Ion:	264	Resp:	324969
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	22.2	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

