

Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

Quant Time: Jan 27 01:08:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

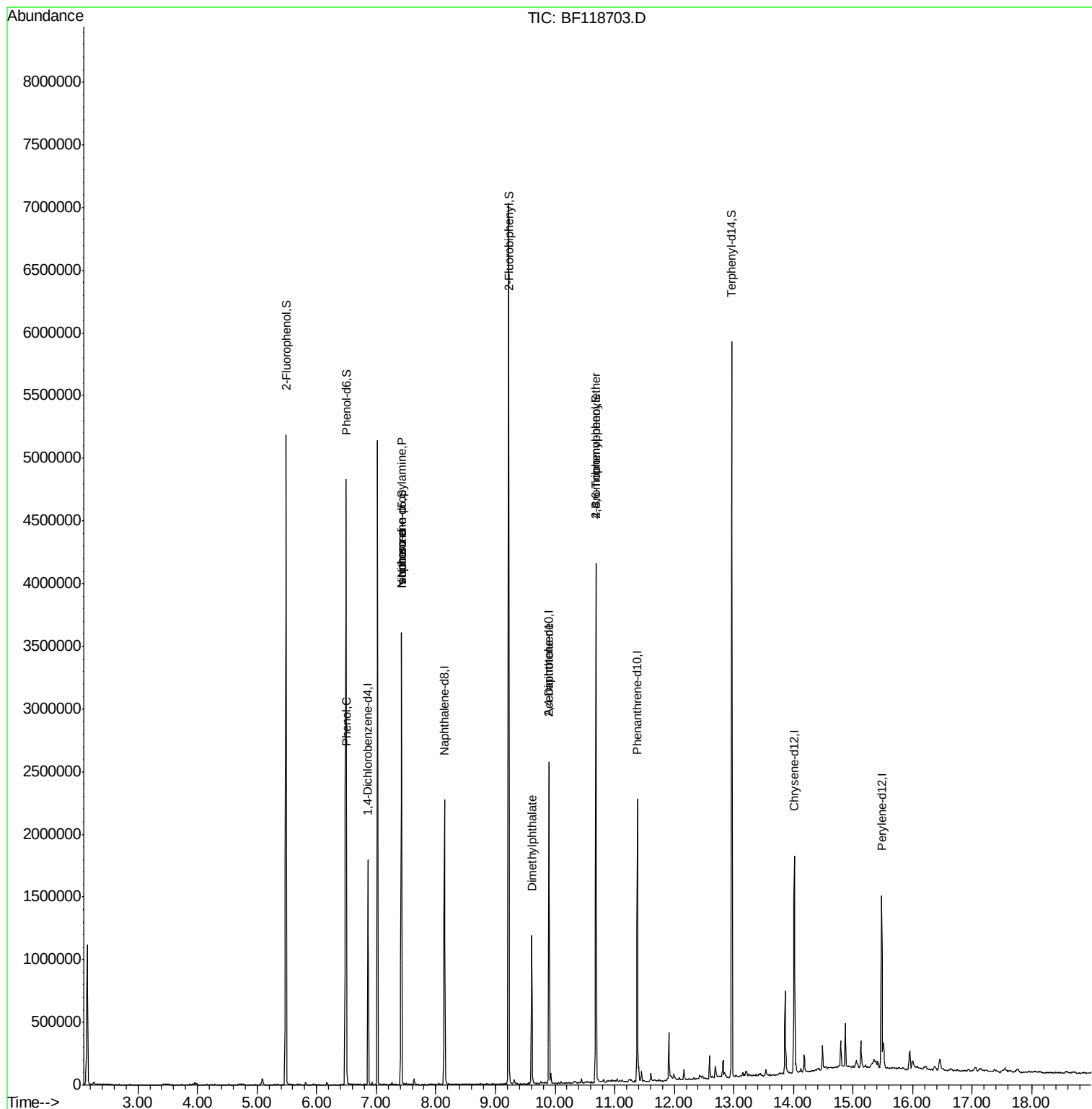
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	258187	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	946272	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	497999	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	818034	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	551038	20.00	ng	-0.03
87) Perylene-d12	15.48	264	668425	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1518074	109.20	ng	-0.01
7) Phenol-d6	6.49	99	1850765	102.43	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1157575	68.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	567579	98.54	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2177959	71.88	ng	-0.02
79) Terphenyl-d14	12.96	244	2077474	82.23	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	86429	4.197	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	156475	12.826	ng	# 76
25) Isophorone	7.42	82	1157551	37.513	ng	# 64
50) Dimethylphthalate	9.61	163	459070	14.149	ng	97
57) 2,4-Dinitrotoluene	9.90	165	65033	7.100	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	35494	3.512	ng	# 1

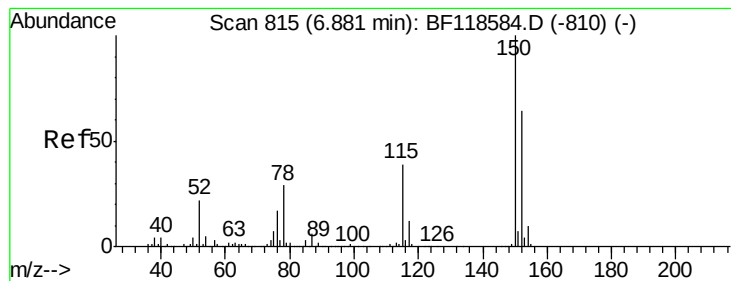
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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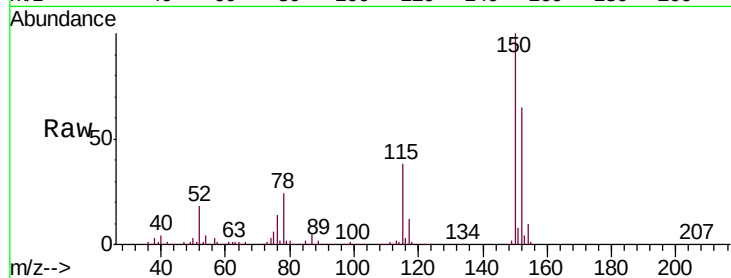


#1

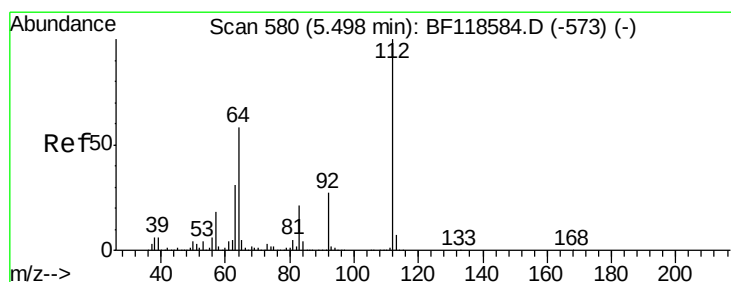
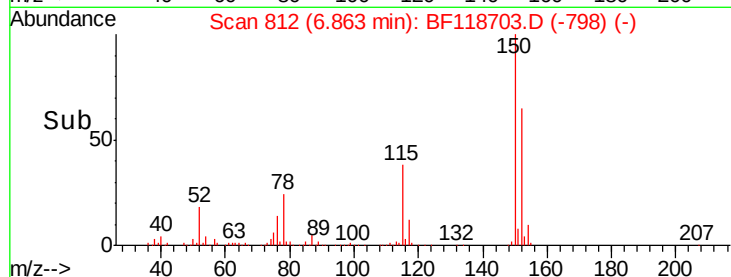
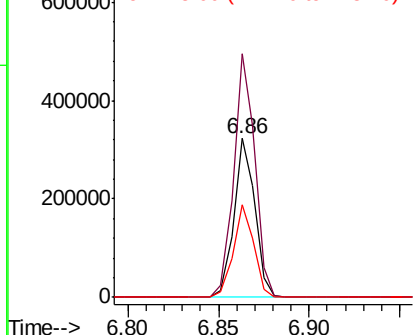
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

Tgt Ion:152 Resp: 258187
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 58.7 48.4 72.6



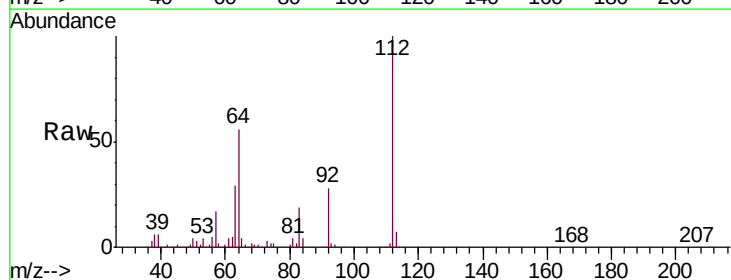
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



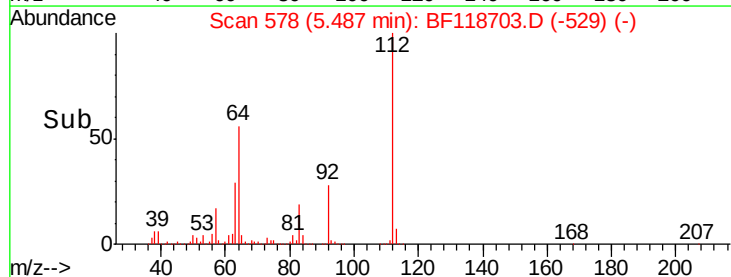
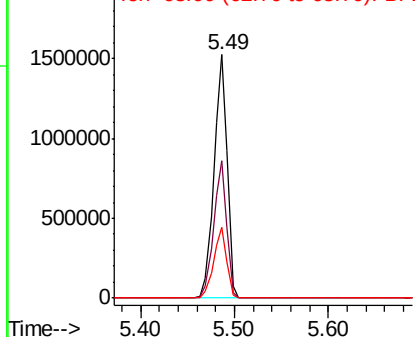
#5

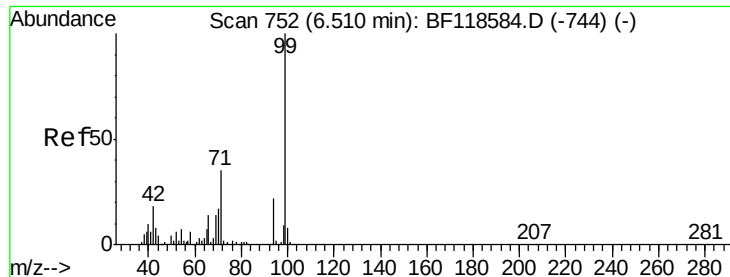
2-Fluorophenol
Concen: 109.202 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Tgt Ion:112 Resp: 1518074
Ion Ratio Lower Upper
112 100
64 56.3 46.6 70.0
63 29.0 25.1 37.7



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: 102.431 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118703.D

Acq: 24 Jan 2020 23:27

Instrument :

BNA_F

ClientSampleId :

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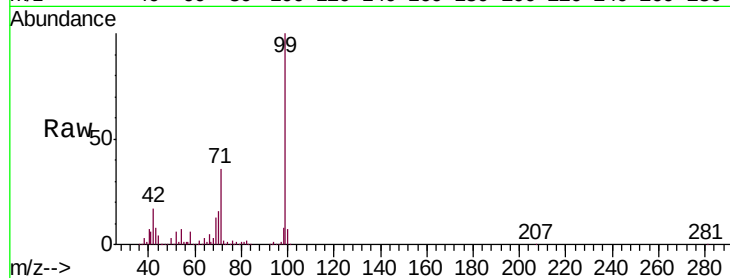
Tgt Ion: 99 Resp: 1850765

Ion Ratio Lower Upper

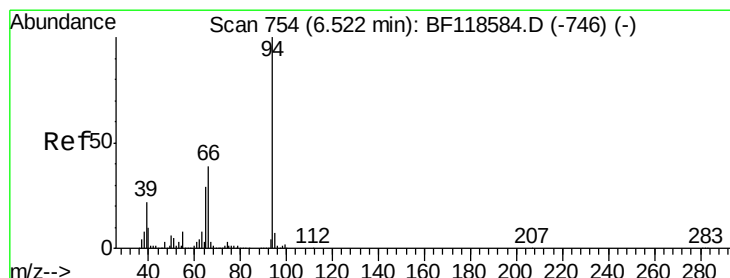
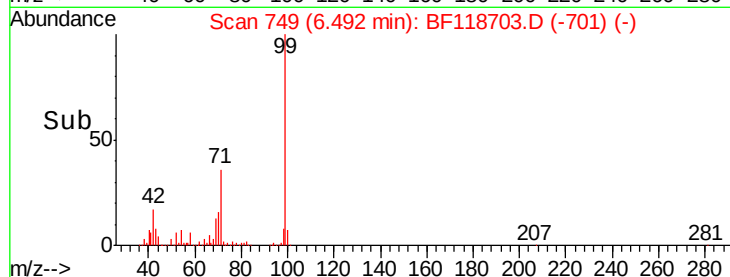
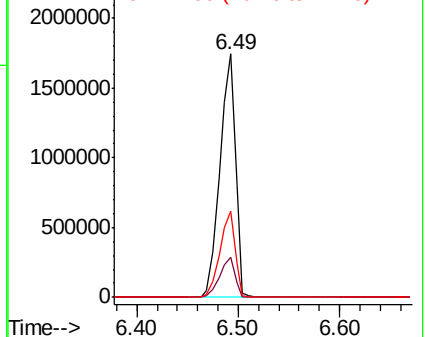
99 100

42 16.6 14.2 21.2

71 35.5 27.8 41.6



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: 4.197 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118703.D

Acq: 24 Jan 2020 23:27

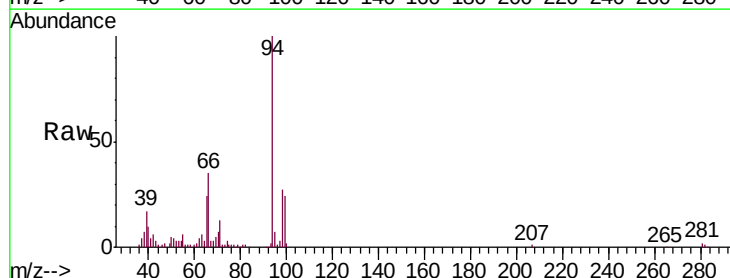
Tgt Ion: 94 Resp: 86429

Ion Ratio Lower Upper

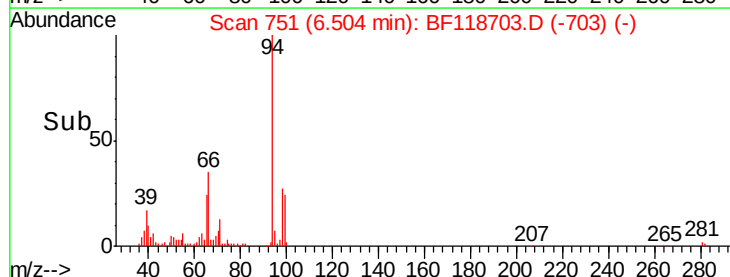
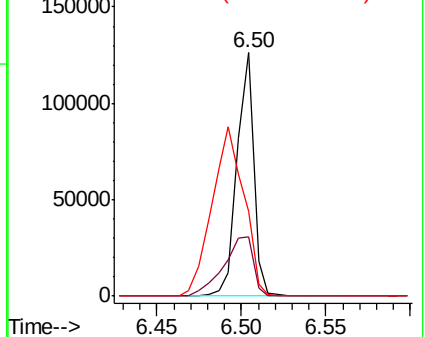
94 100

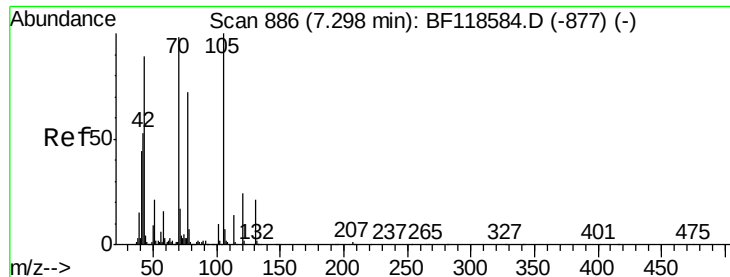
65 24.3 9.5 49.5

66 35.0 18.5 58.5



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

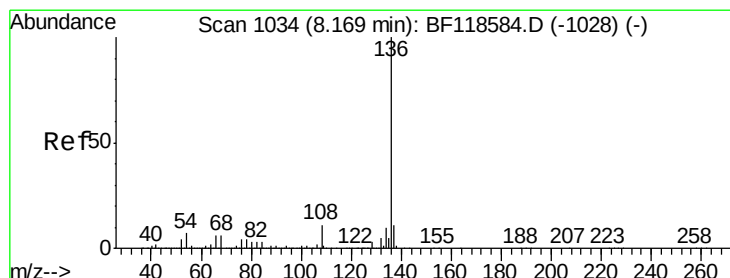
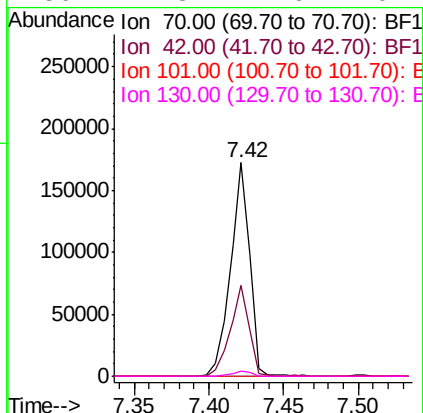
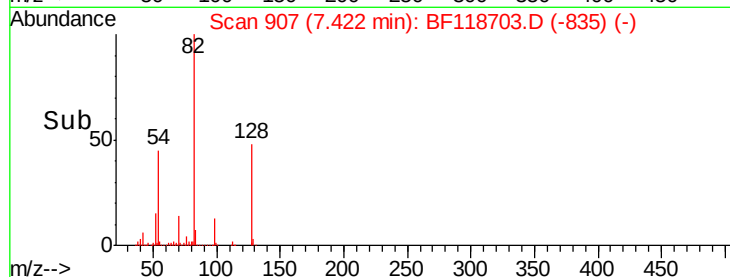
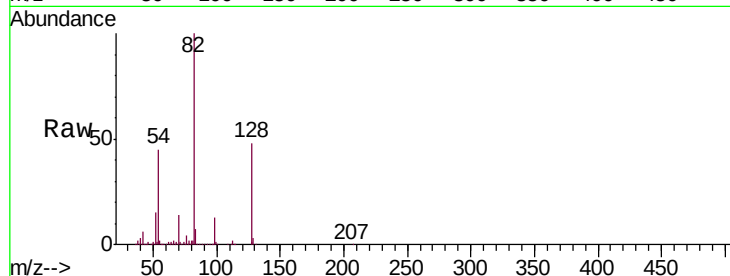




#19
n-Nitroso-di-n-propylamine
Concen: 12.826 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

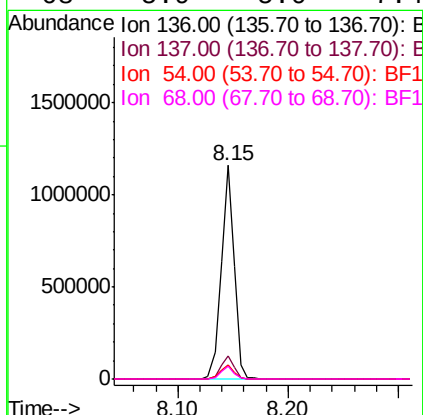
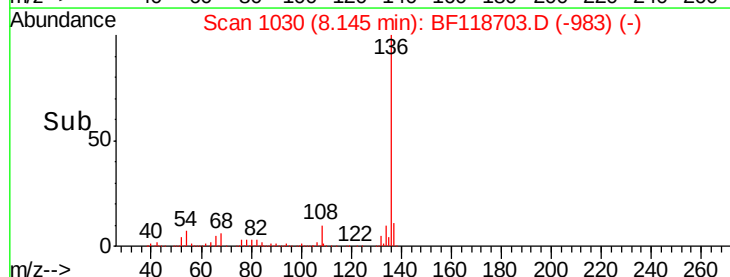
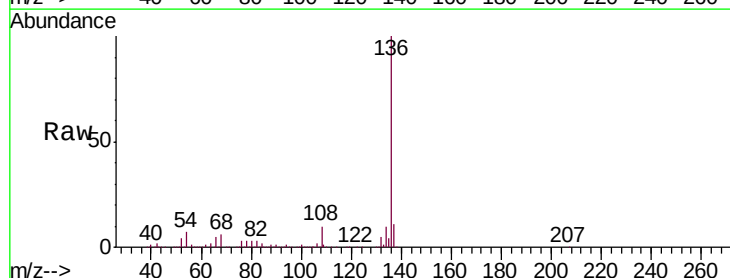
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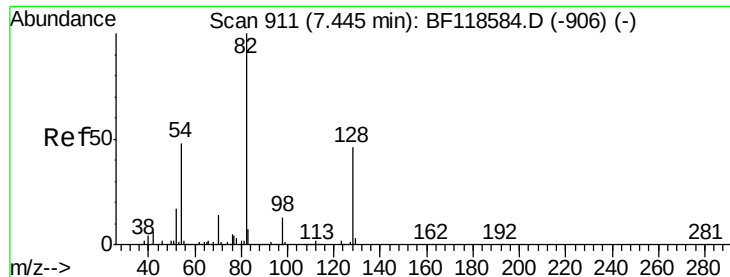
Tgt Ion:	70	Resp:	156475
Ion	Ratio	Lower	Upper
70	100		
42	42.4	43.4	65.0#
101	0.0	8.1	12.1#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Tgt Ion:	136	Resp:	946272
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	5.8	8.6
68	5.9	5.0	7.4

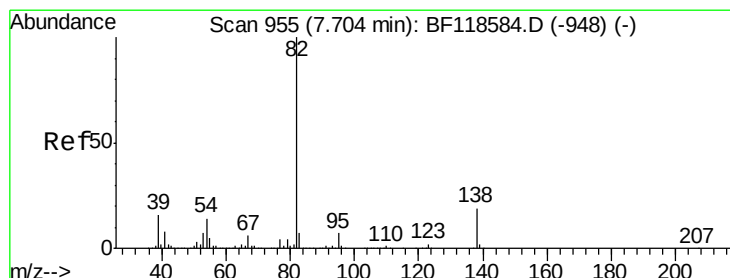
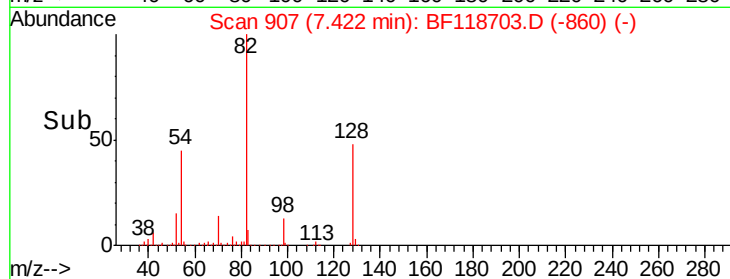
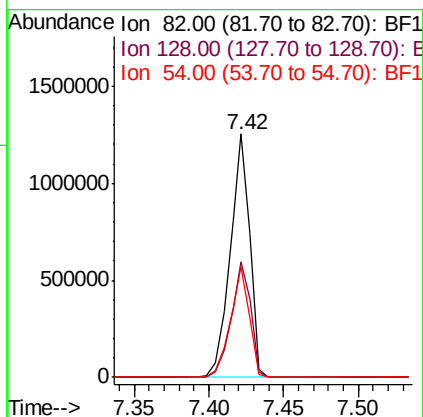
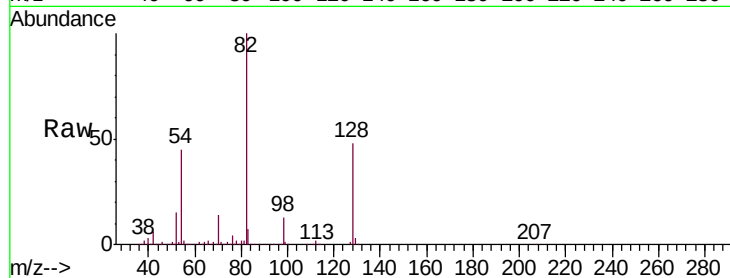




#23
Nitrobenzene-d5
Concen: 68.424 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

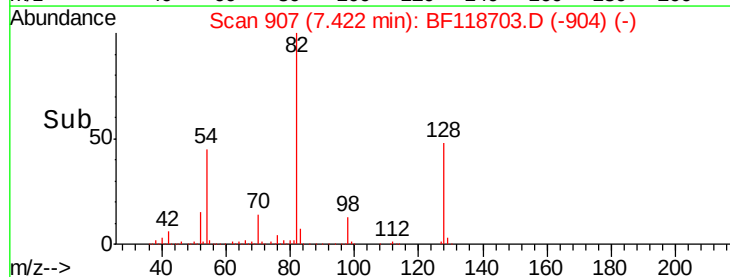
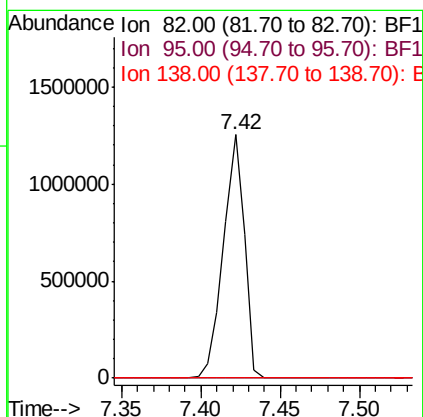
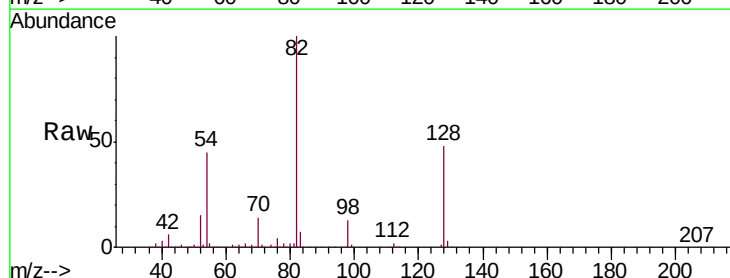
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ClientSampleId :
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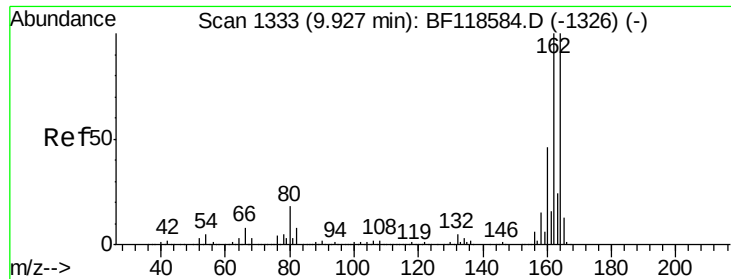
Tgt Ion: 82 Resp: 1157575
Ion Ratio Lower Upper
82 100
128 47.6 36.6 54.8
54 45.2 38.0 57.0



#25
Isophorone
Concen: 37.513 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Tgt Ion: 82 Resp: 1157551
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#

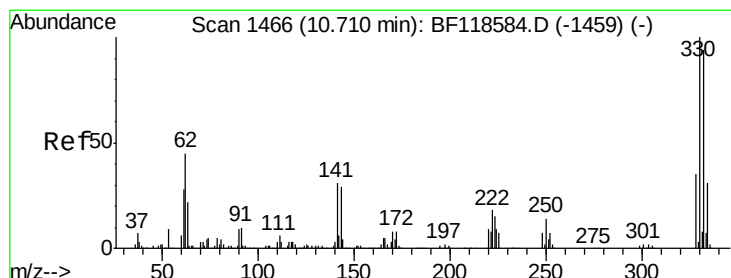
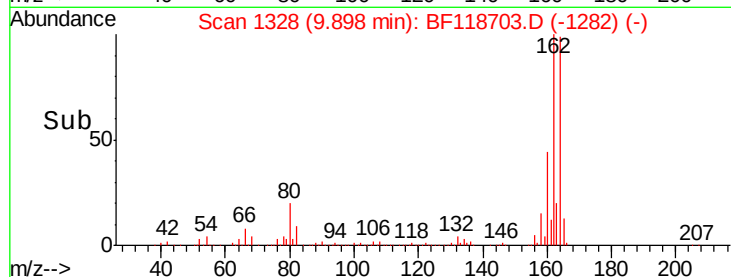
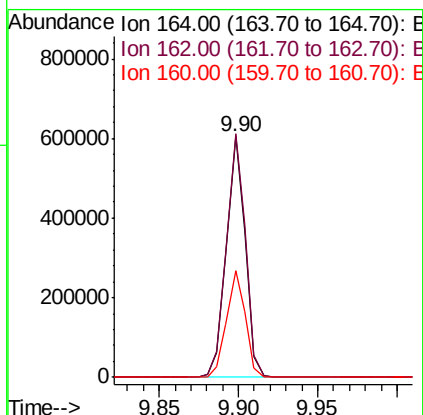
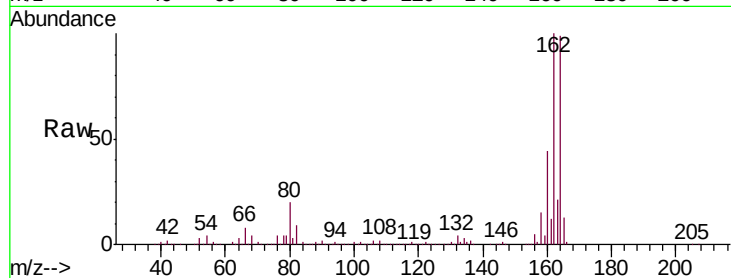




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

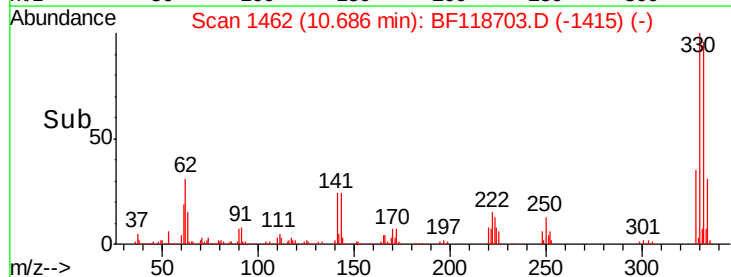
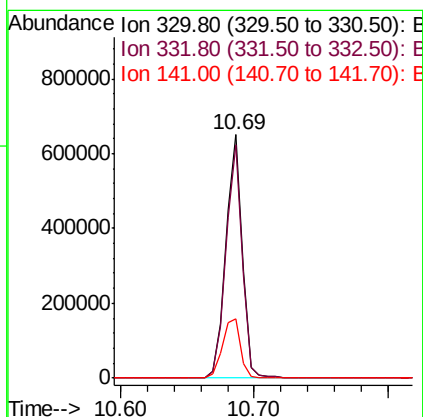
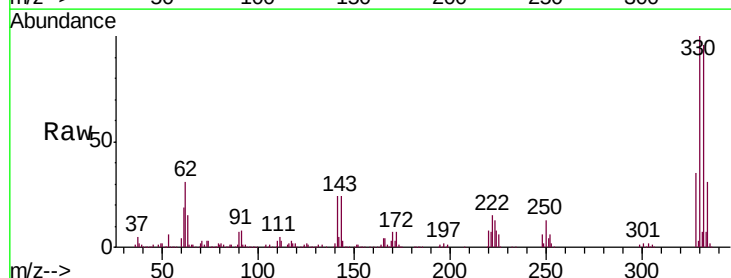
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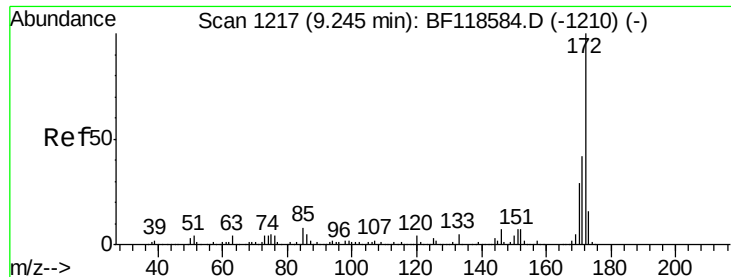
Tgt Ion:164 Resp: 497999
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 44.2 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 98.538 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Tgt Ion:330 Resp: 567579
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 27.3 23.9 35.9

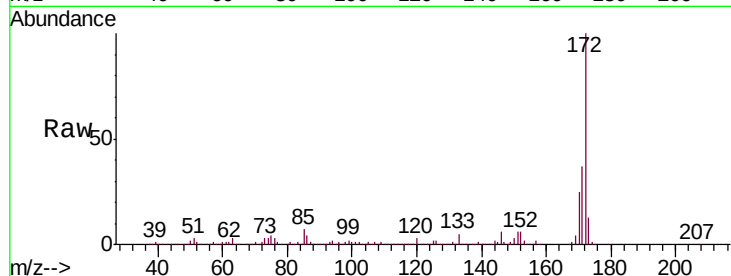




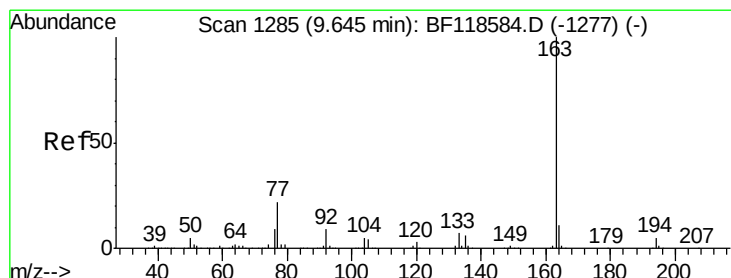
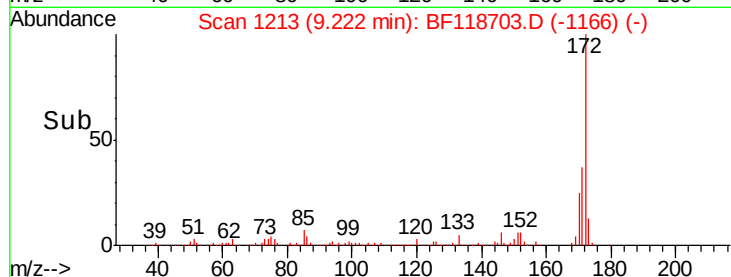
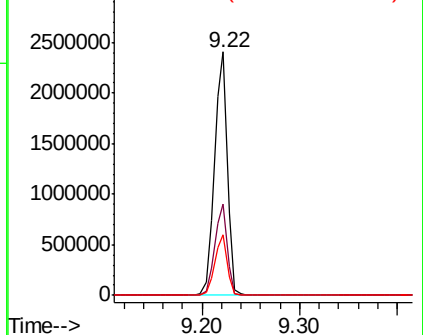
#45
 2-Fluorobiphenyl
 Concen: 71.882 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118703.D
 Acq: 24 Jan 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 2177959
 Ion Ratio Lower Upper
 172 100
 171 37.5 33.4 50.2
 170 24.8 23.2 34.8

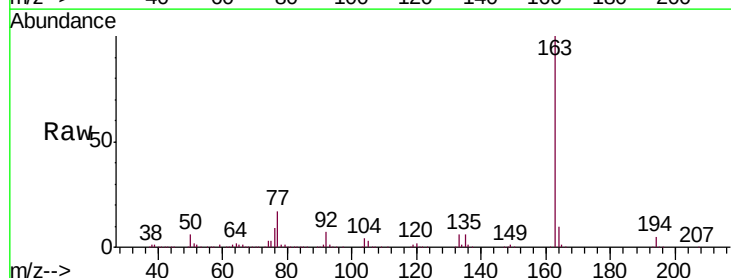


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

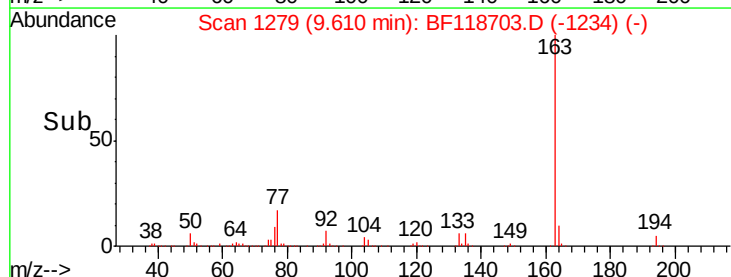
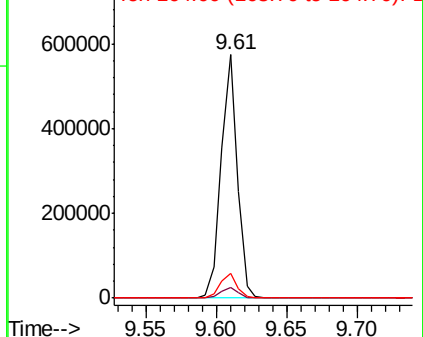


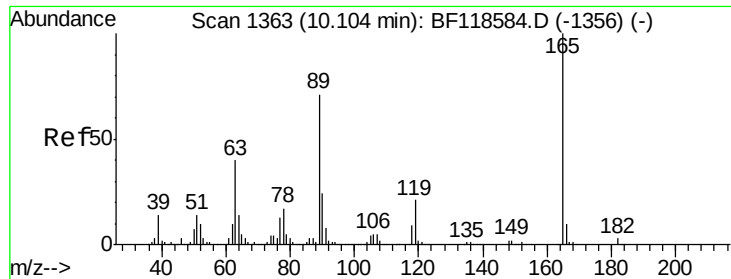
#50
 Dimethylphthalate
 Concen: 14.149 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118703.D
 Acq: 24 Jan 2020 23:27

Tgt Ion:163 Resp: 459070
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.9 5.9
 164 10.1 9.1 13.7



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

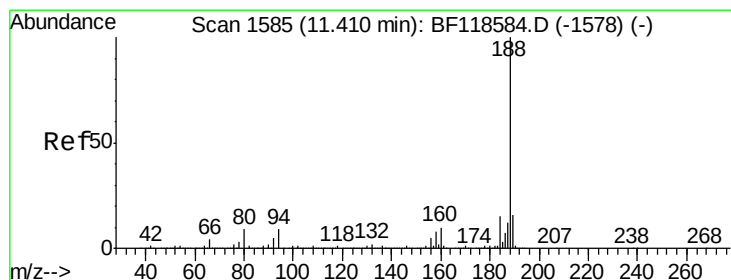
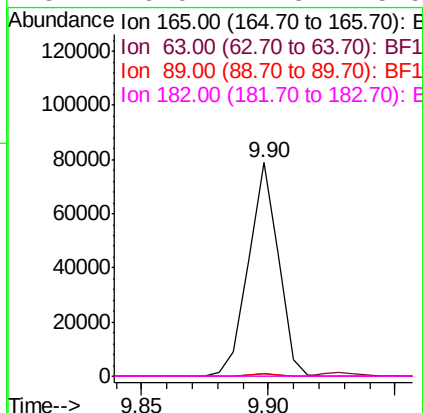
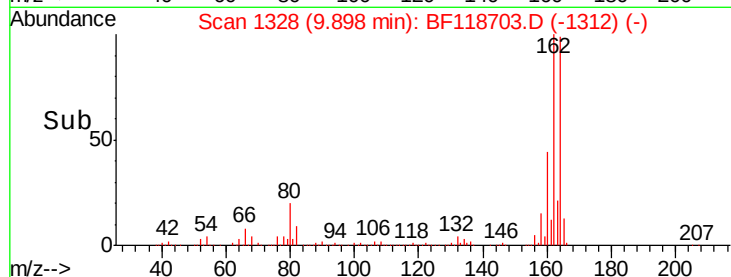
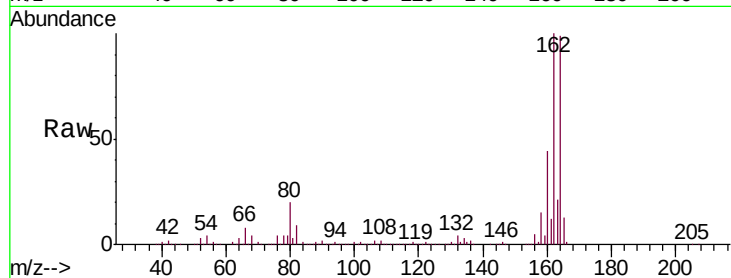




#57
 2,4-Dinitrotoluene
 Concen: 7.100 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118703.D
 Acq: 24 Jan 2020 23:27

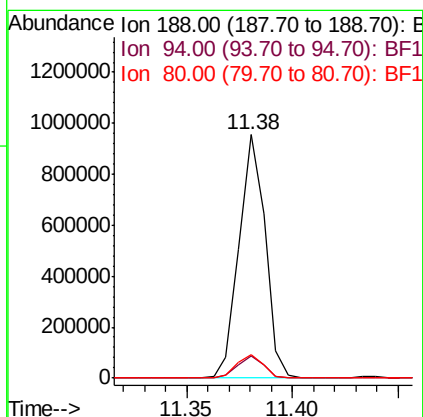
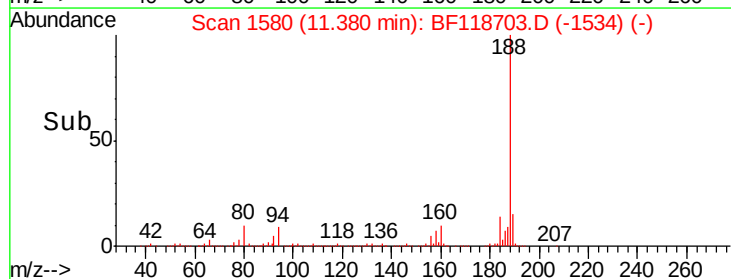
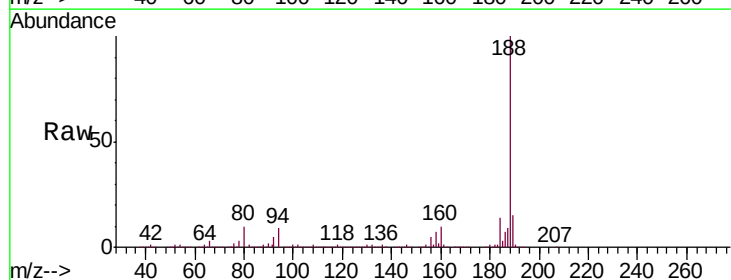
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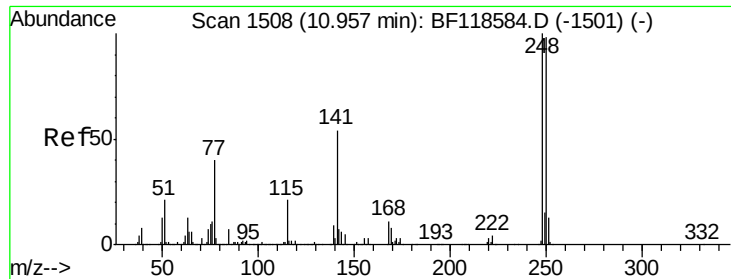
Tgt Ion:	165	Resp:	65033
Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.1	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118703.D
 Acq: 24 Jan 2020 23:27

Tgt Ion:	188	Resp:	818034
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.8	7.5	11.3

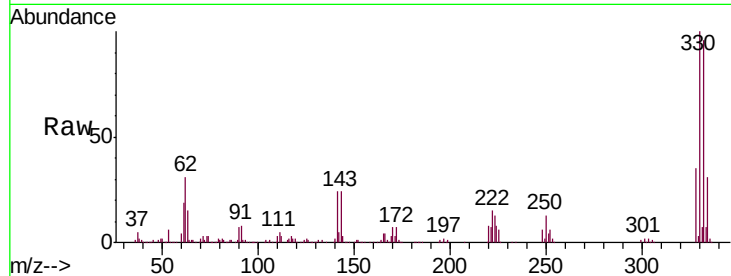




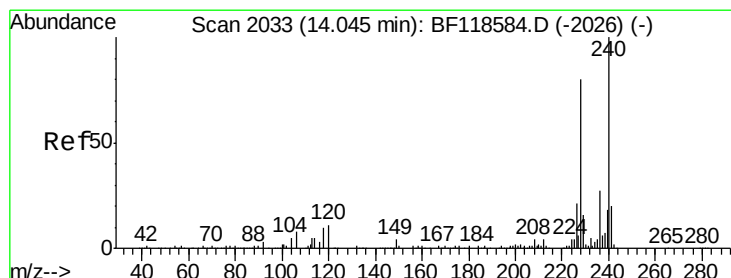
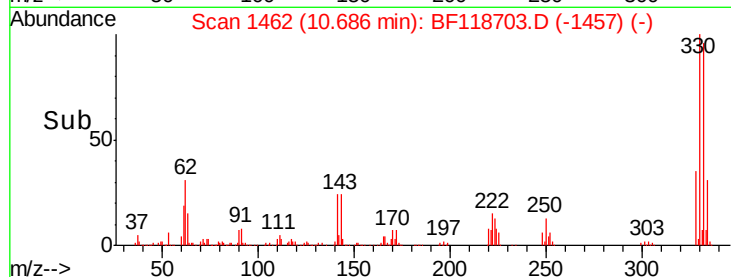
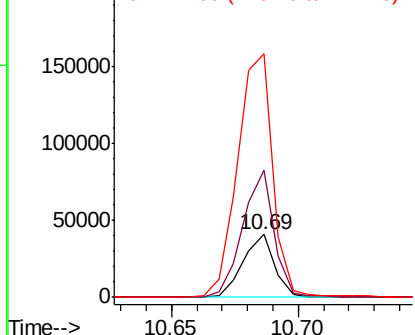
#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.27 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

Tgt Ion:248 Resp: 35494
Ion Ratio Lower Upper
248 100
250 203.5 78.7 118.1#
141 389.2 43.2 64.8#

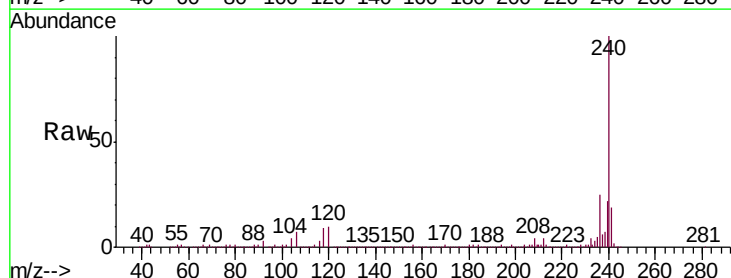


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

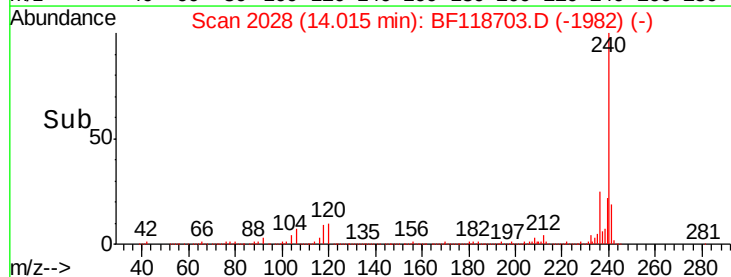
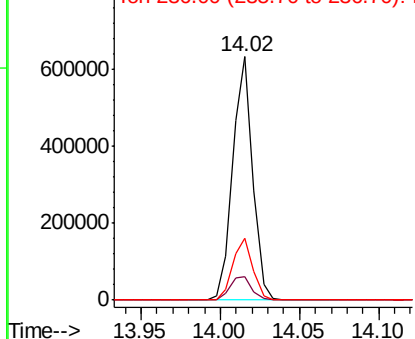


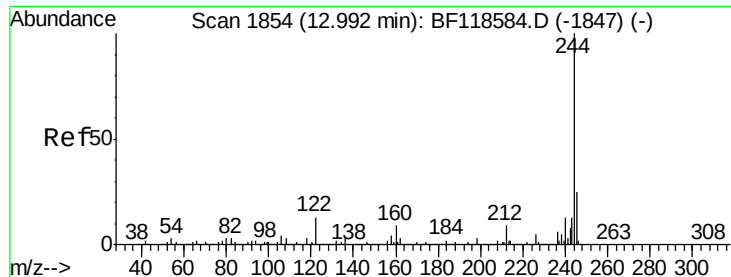
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118703.D
Acq: 24 Jan 2020 23:27

Tgt Ion:240 Resp: 551038
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.4 21.5 32.3



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

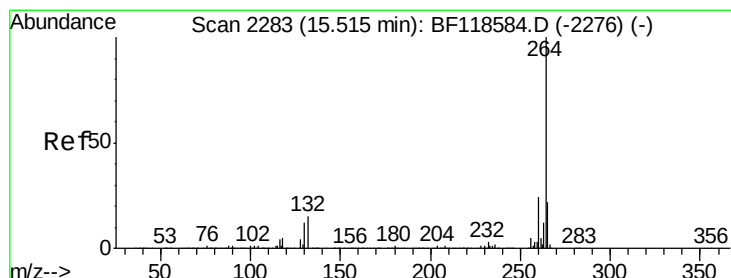
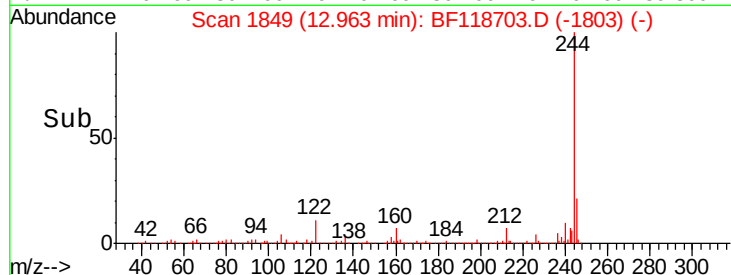
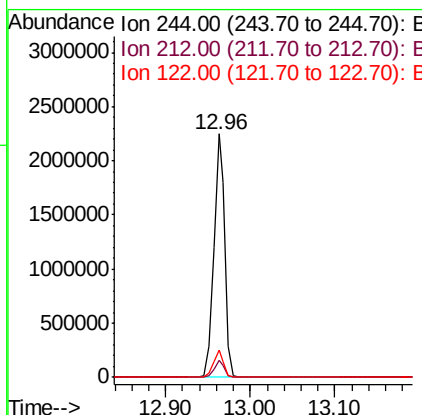
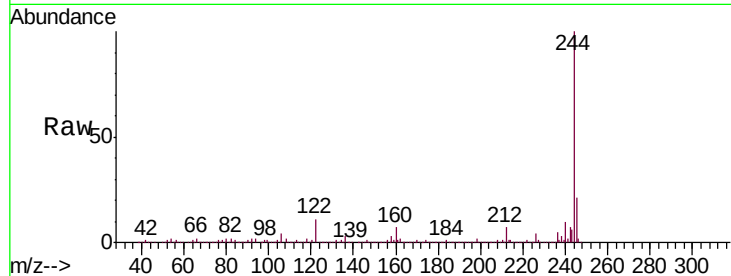




#79
 Terphenyl-d14
 Concen: 82.230 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118703.D
 Acq: 24 Jan 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 20200061-COMPOSITE-B7

Tgt Ion:244 Resp: 2077474
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.0 10.4#
 122 11.0 10.7 16.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.04 min
 Lab File: BF118703.D
 Acq: 24 Jan 2020 23:27

Tgt Ion:264 Resp: 668425
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 21.7 17.7 26.5

