

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120142.D
 Acq On : 22 Apr 2020 20:15
 Operator : MA/SJ
 Sample : L2342-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

Quant Time: Apr 23 02:43:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

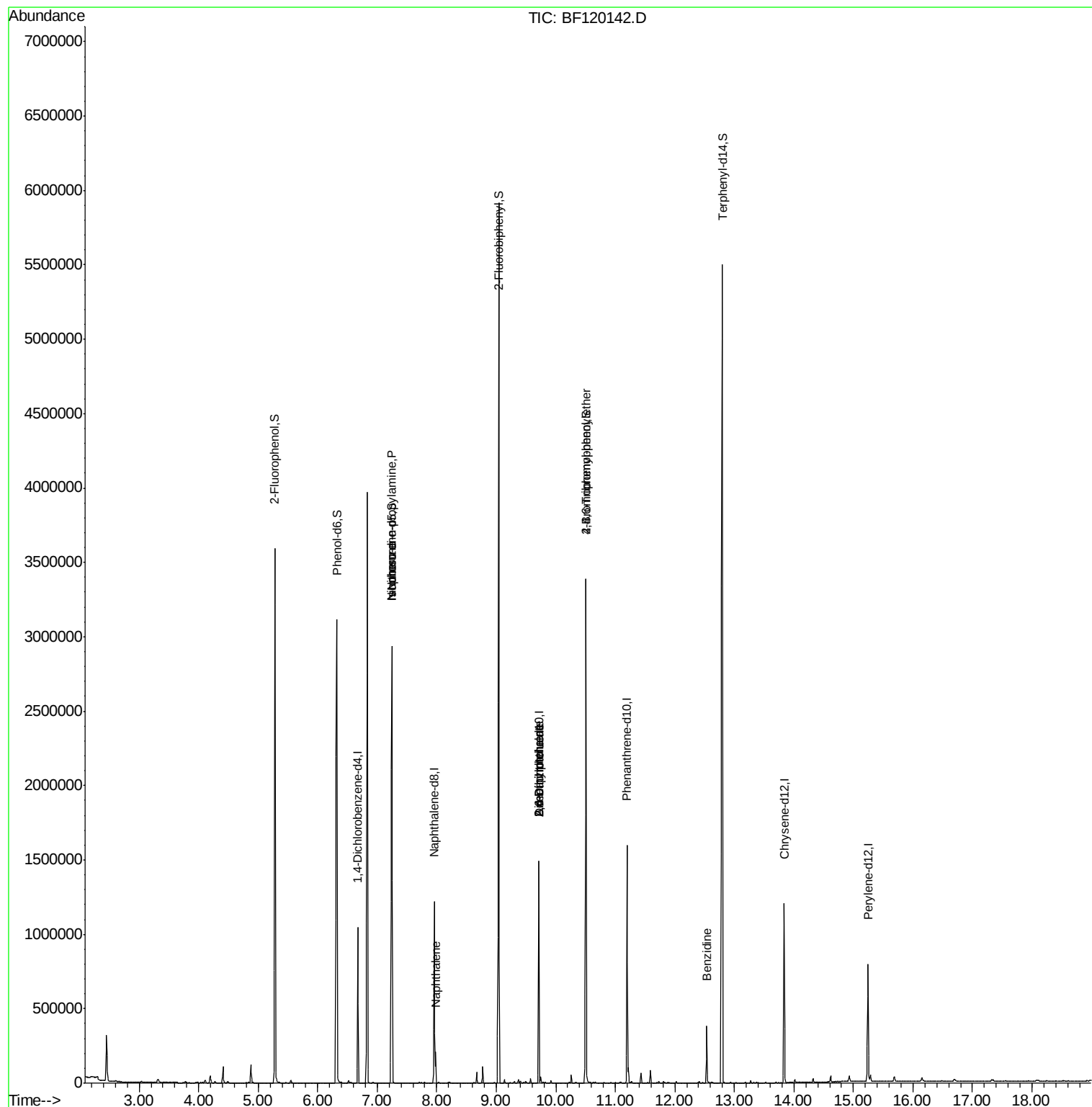
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	140472	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	542676	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	281490	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	534064	20.00	ng	0.00
76) Chrysene-d12	13.84	240	407835	20.00	ng	-0.01
87) Perylene-d12	15.24	264	330971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	995423	122.46	ng	0.00
7) Phenol-d6	6.32	99	1256575	119.97	ng	0.00
23) Nitrobenzene-d5	7.25	82	963290	91.83	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	428213	124.25	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1877919	94.72	ng	0.00
79) Terphenyl-d14	12.80	244	2197376	90.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	120	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.25	70	127079	18.868	ng	# 76
25) Isophorone	7.25	82	962470	47.597	ng	# 65
31) Naphthalene	7.98	128	78259	2.741	ng	# 95
50) Dimethylphthalate	9.72	163	64918	2.982	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	36891	7.737	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	36891	5.873	ng	# 20
67) 4-Bromophenyl-phenylether	10.51	248	26033	3.920	ng	# 1
77) Benzidine	12.53	184	140020	10.157	ng	# 98

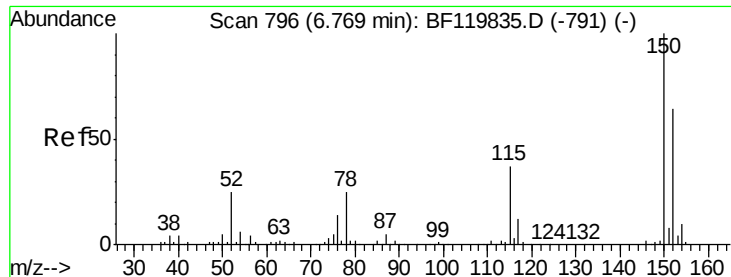
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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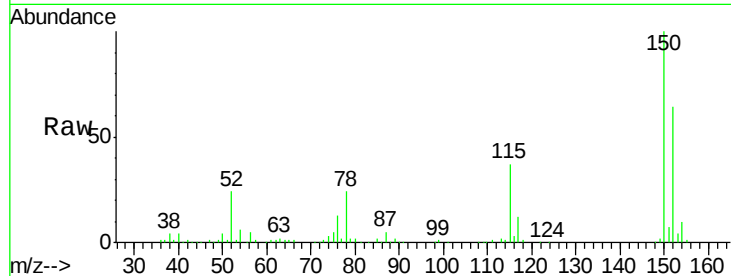


#1

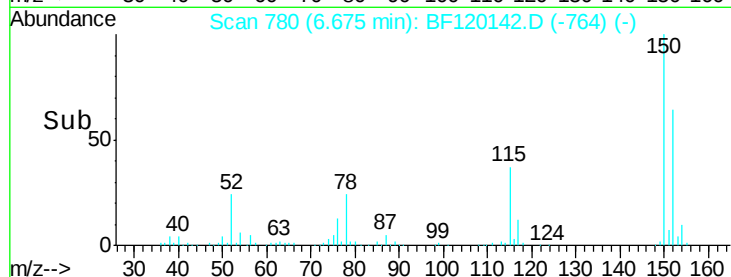
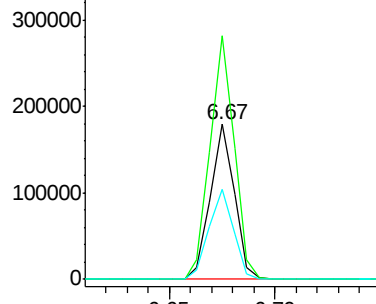
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

Tot Ion:152 Resp: 140472
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 58.5 49.6 74.4



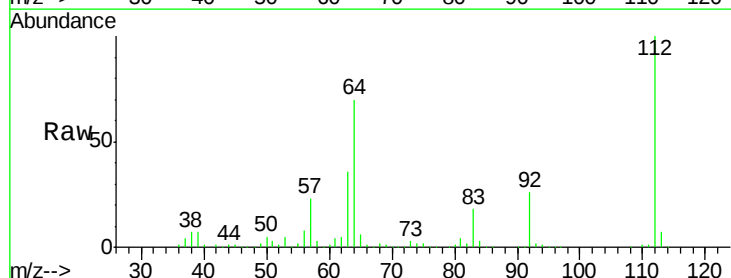
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



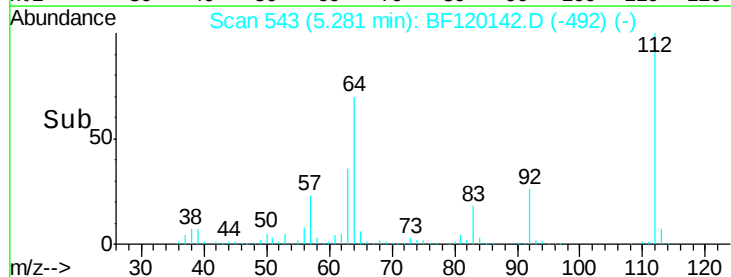
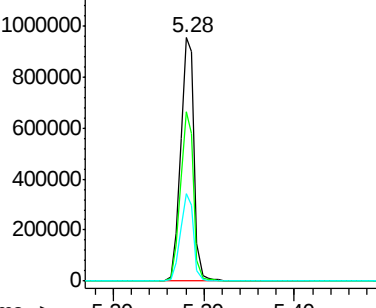
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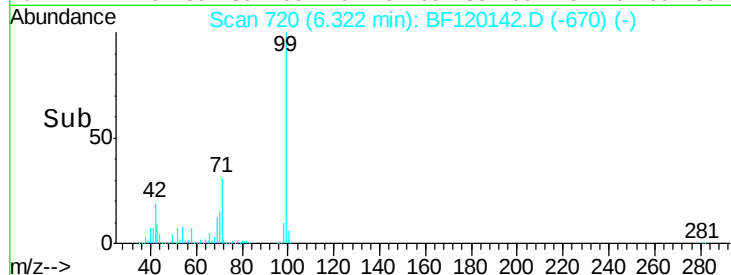
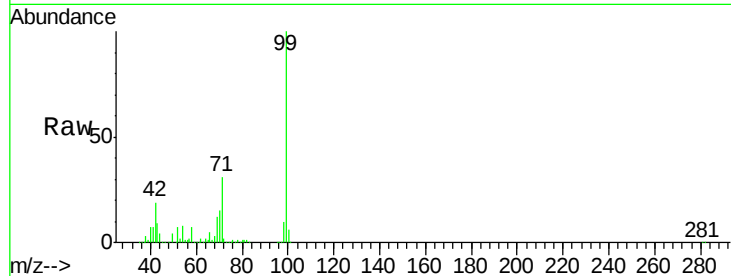
2-Fluorophenol
Concen: 122.464 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Tgt Ion:112 Resp: 995423
Ion Ratio Lower Upper
112 100
64 69.6 56.7 85.1
63 36.1 29.5 44.3



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: 119.974 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15-COMP

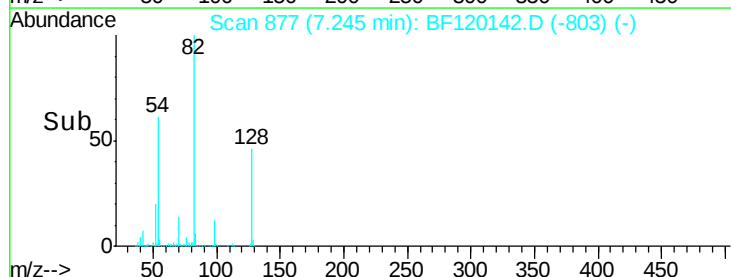
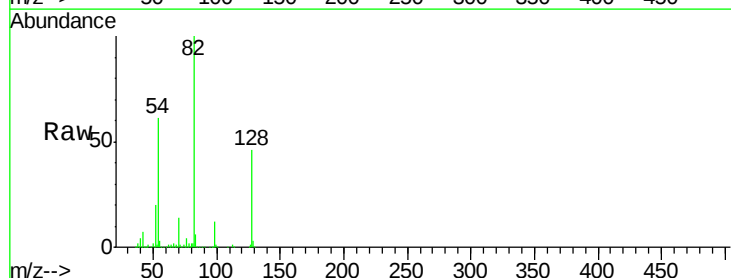
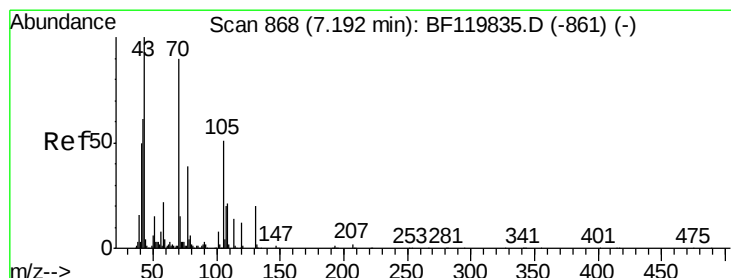
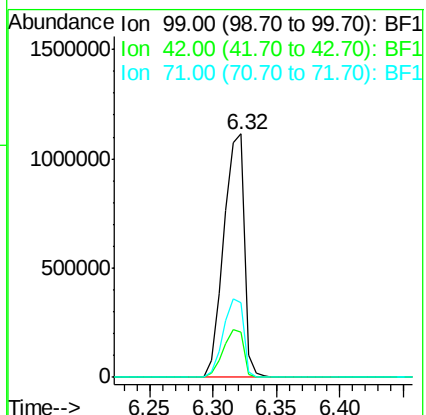
Tot Ion: 99 Resp: 1256575

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

71 30.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.868 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Tgt Ion: 70 Resp: 127079

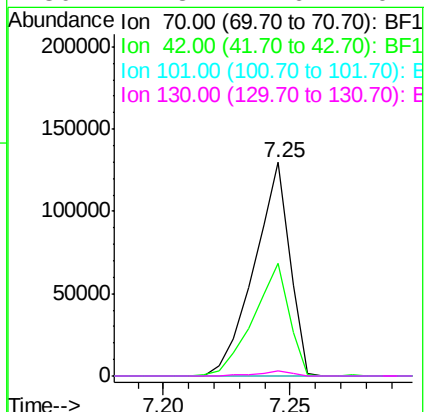
Ion Ratio Lower Upper

70 100

42 53.0 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

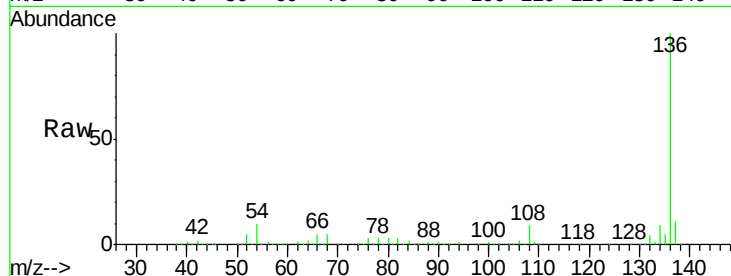




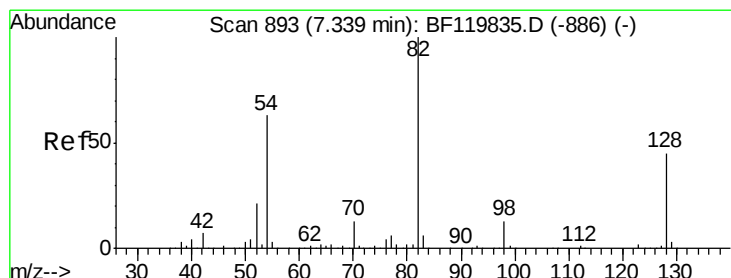
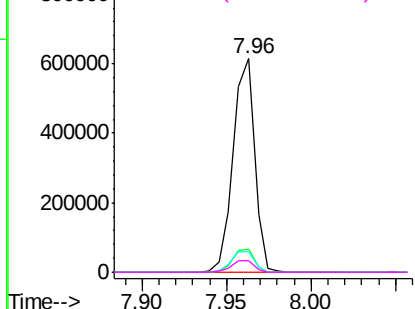
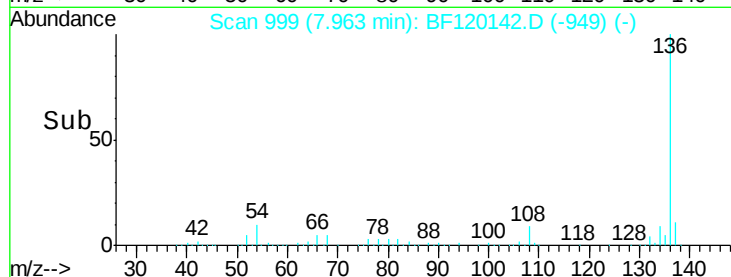
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

Tot Ion:136 Resp: 542676
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.5 9.1 13.7
68 5.4 4.6 6.8

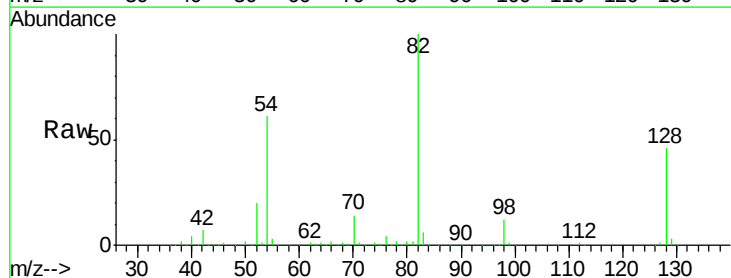


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

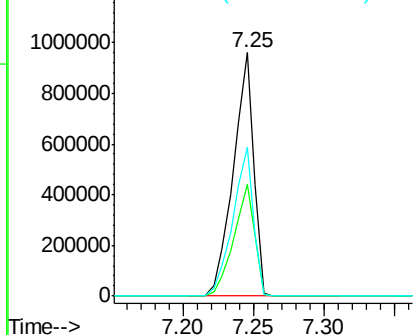
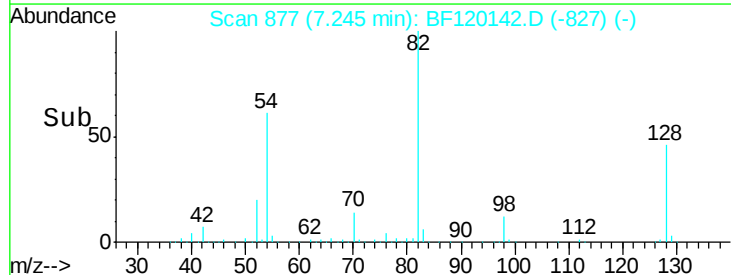


#23
Nitrobenzene-d5
Concen: 91.831 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Tgt Ion: 82 Resp: 963290
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 61.1 50.6 75.8



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





#25

Isophorone

Concen: 47.597 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15-COMP

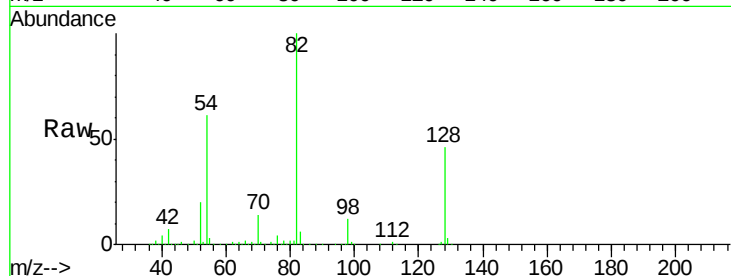
Tot Ion: 82 Resp: 962470

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

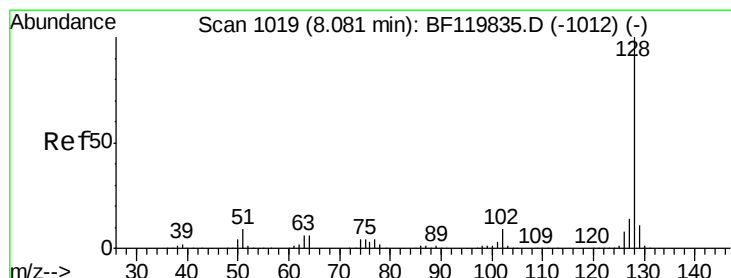
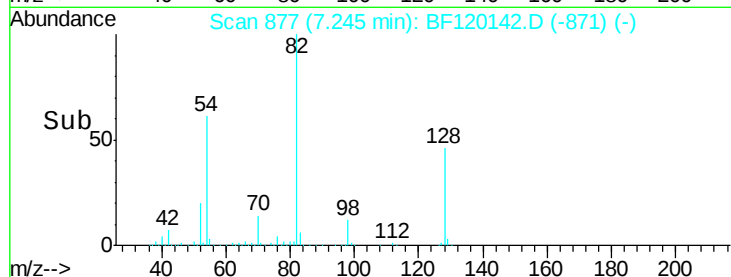
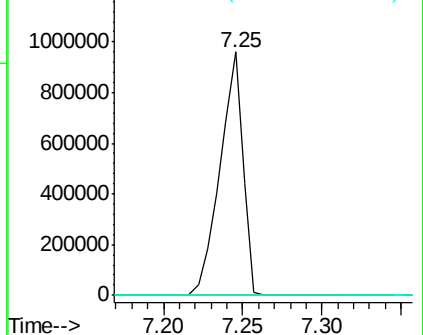
138 0.0 14.6 21.8#



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



#31

Naphthalene

Concen: 2.741 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

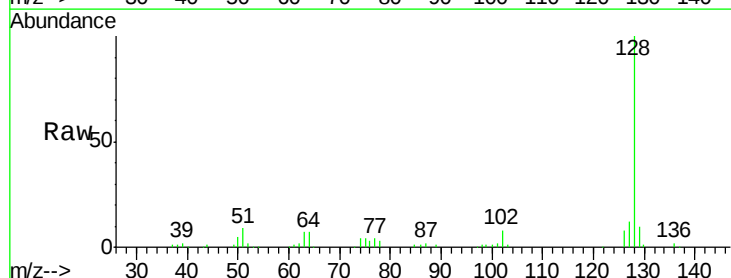
Tgt Ion: 128 Resp: 78259

Ion Ratio Lower Upper

128 100

129 10.4 9.5 14.3

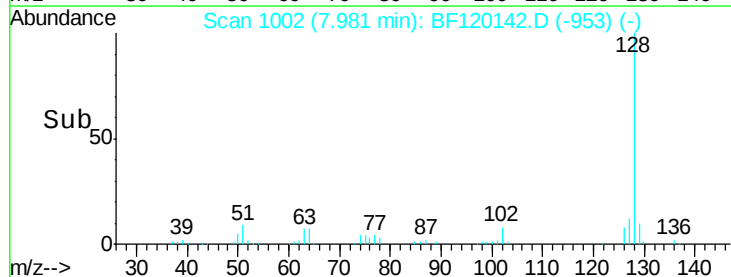
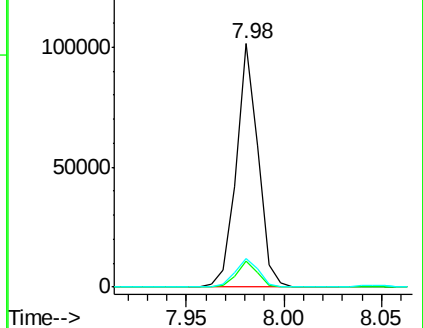
127 11.8 11.3 16.9

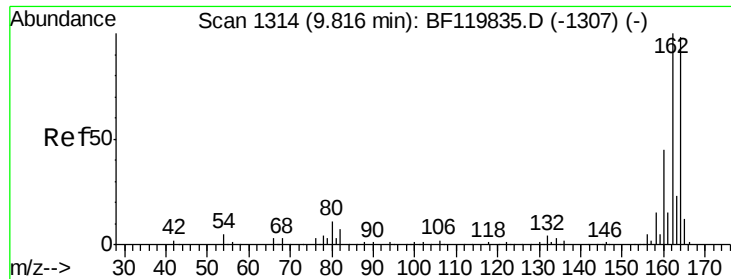


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

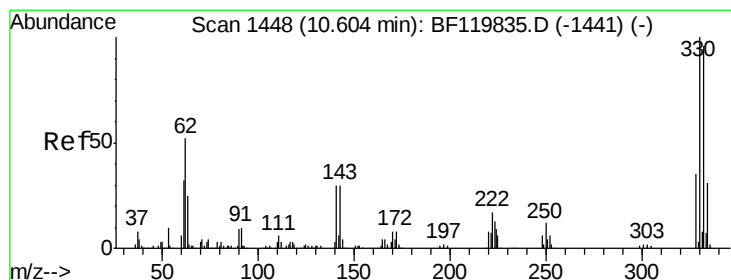
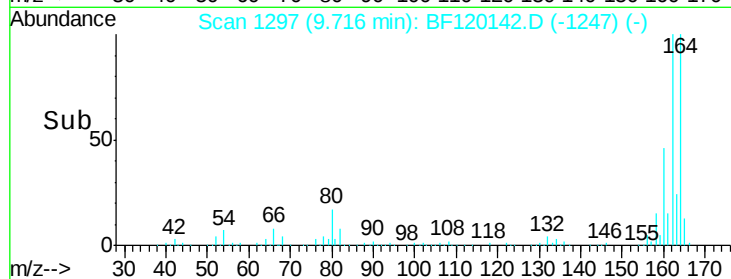
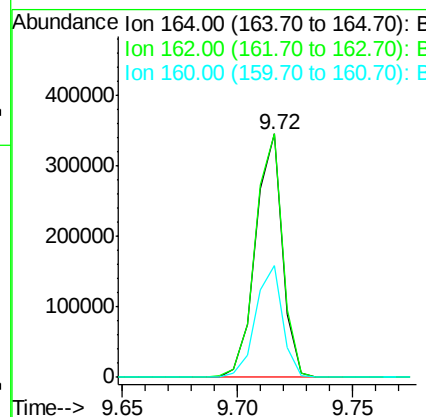
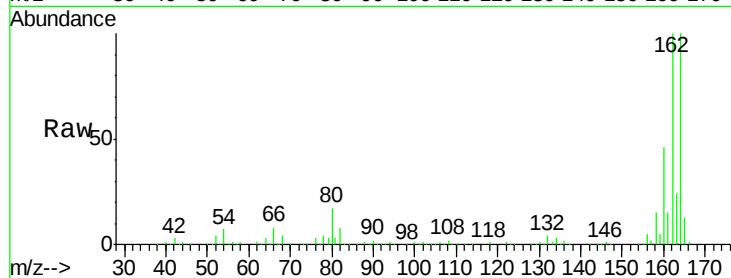




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

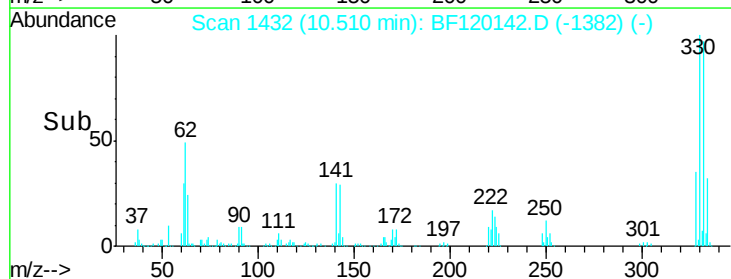
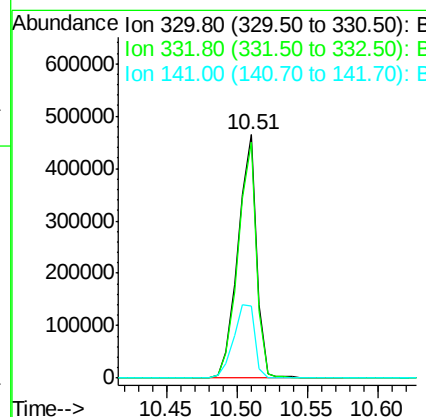
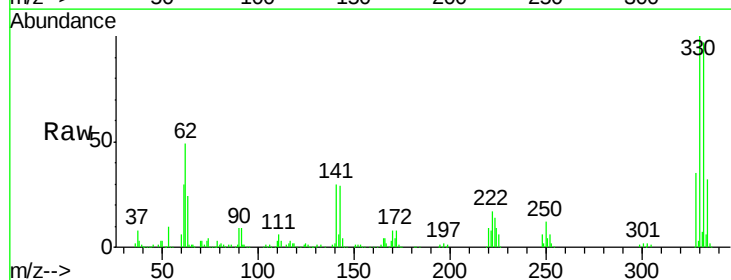
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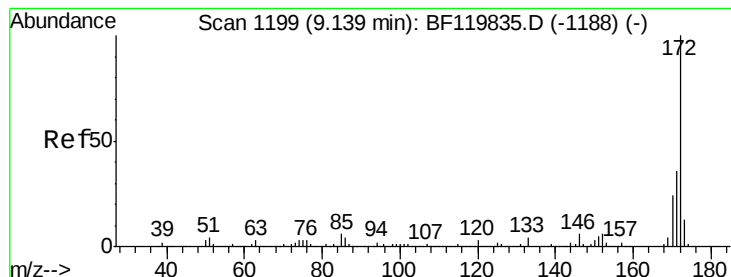
Tot Ion:164 Resp: 281490
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 121.0
 160 45.8 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 124.250 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Tgt Ion:330 Resp: 428213
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 34.4 25.4 38.0

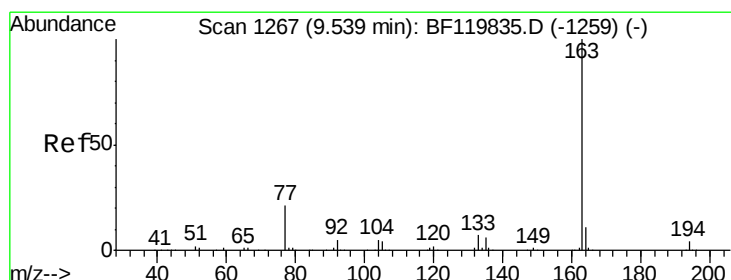
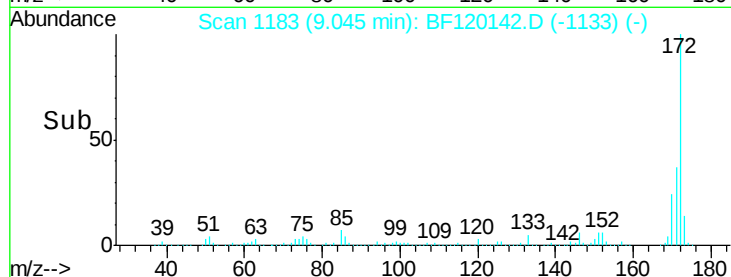
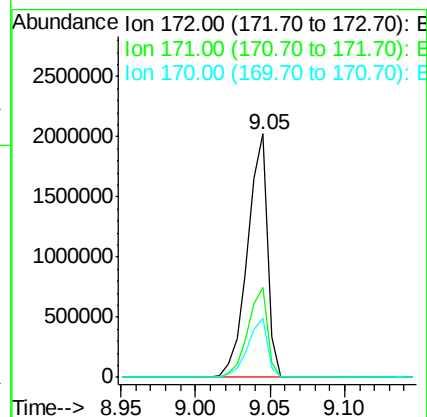
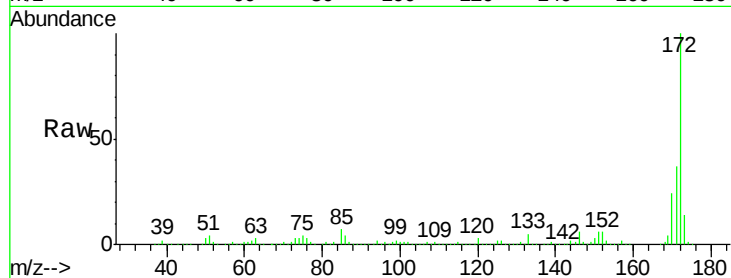




#45
2-Fluorobiphenyl
Concen: 94.719 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

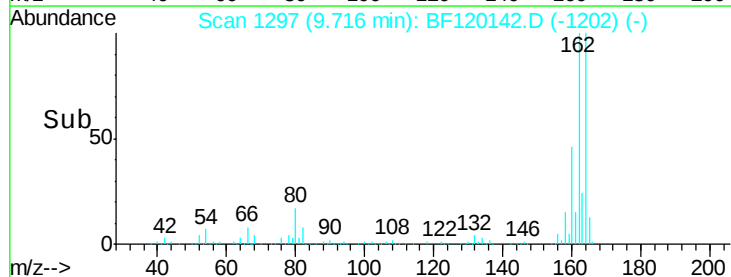
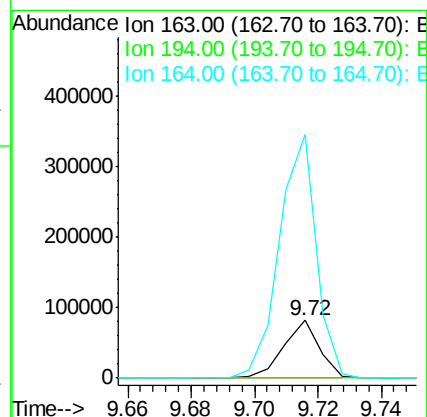
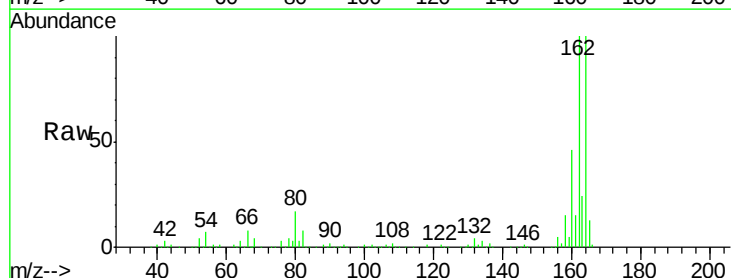
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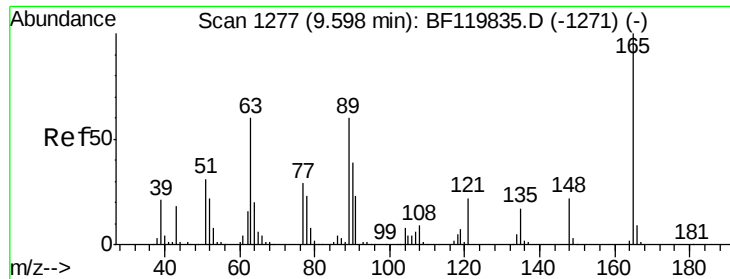
Tot Ion:172 Resp: 1877919
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 20.2 30.2



#50
Dimethylphthalate
Concen: 2.982 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.26 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Tgt Ion:163 Resp: 64918
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 422.9 8.2 12.2#

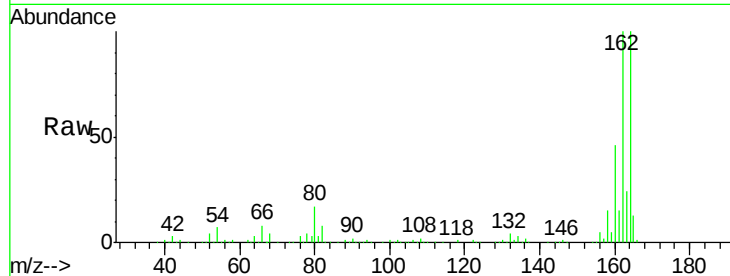




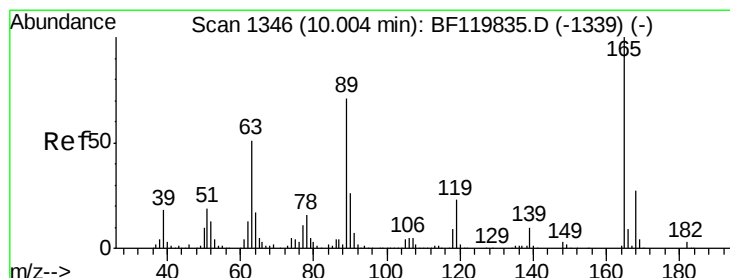
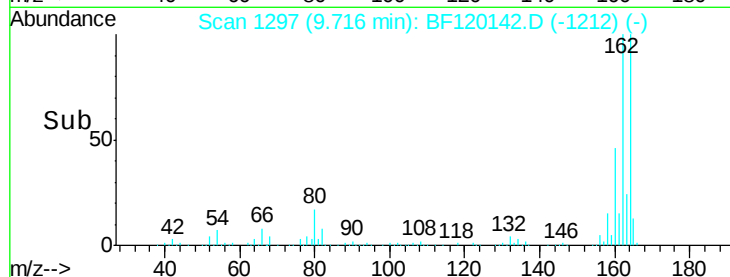
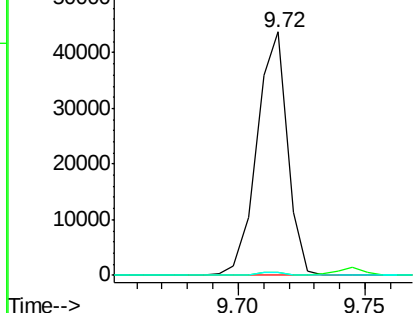
#51
 2,6-Dinitrotoluene
 Concen: 7.737 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.20 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.0	67.4#
89	1.3	41.5	62.3#



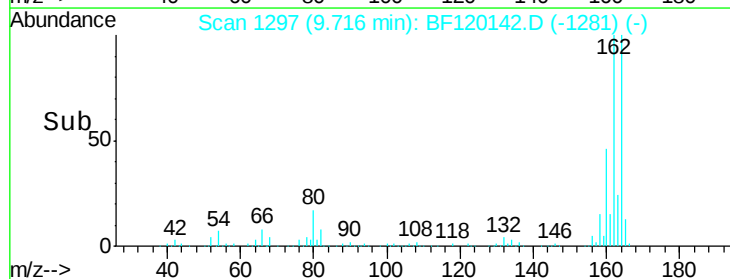
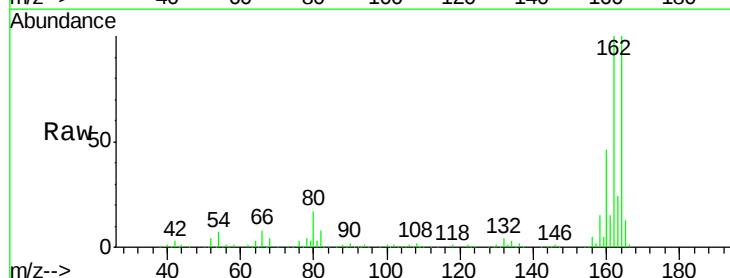
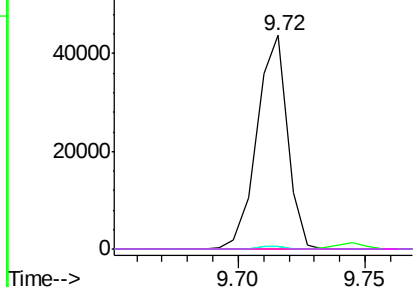
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

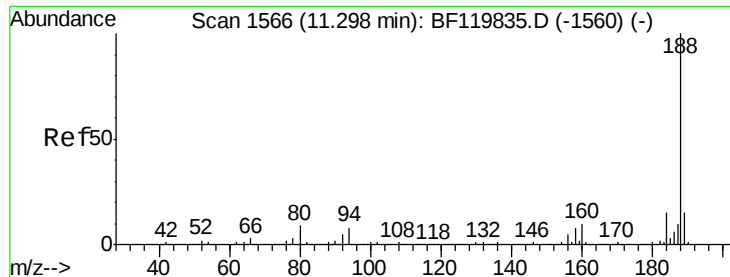


#57
 2,4-Dinitrotoluene
 Concen: 5.873 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

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

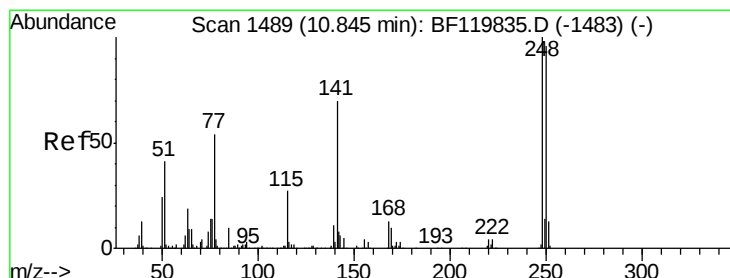
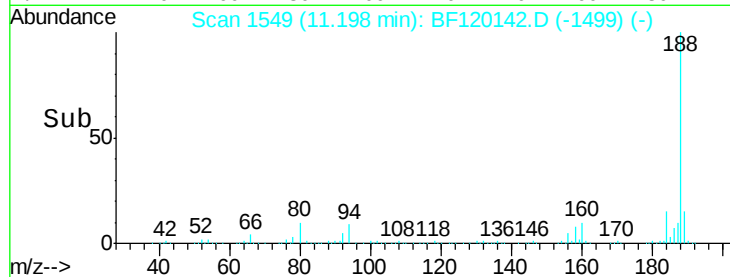
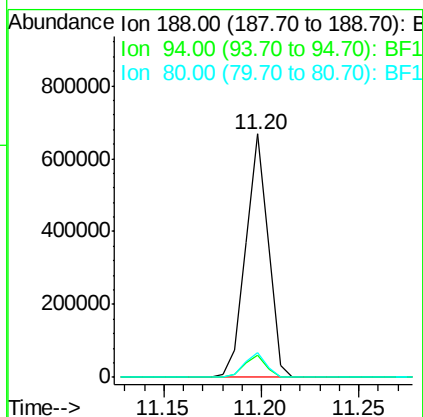
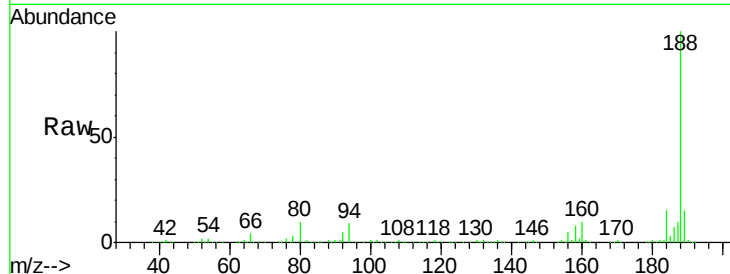




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

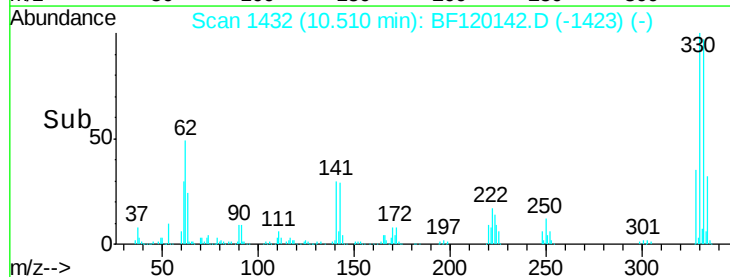
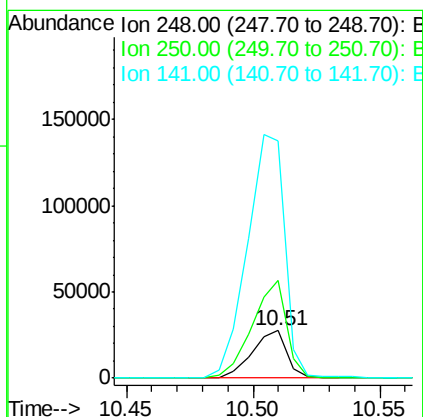
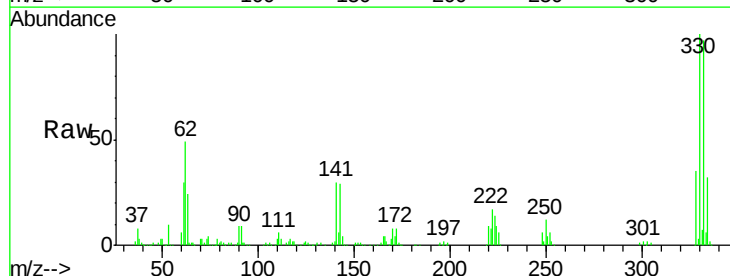
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

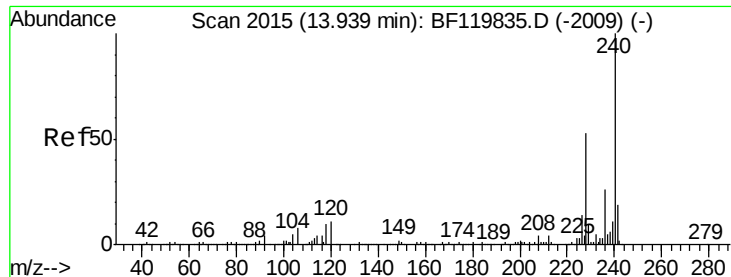
Tot Ion:188 Resp: 534064
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 10.1 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.920 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Tgt Ion:248 Resp: 26033
 Ion Ratio Lower Upper
 248 100
 250 205.7 77.3 115.9#
 141 499.0 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15-COMP

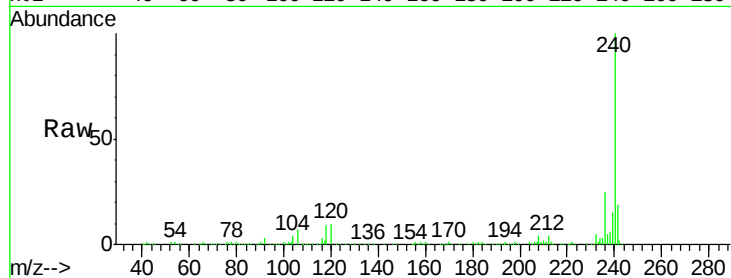
Tot Ion:240 Resp: 407835

Ion Ratio Lower Upper

240 100

120 10.2 10.6 15.8#

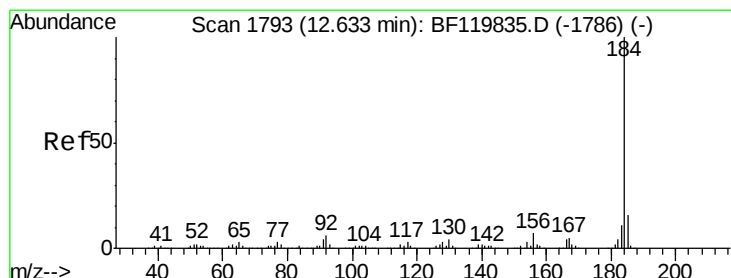
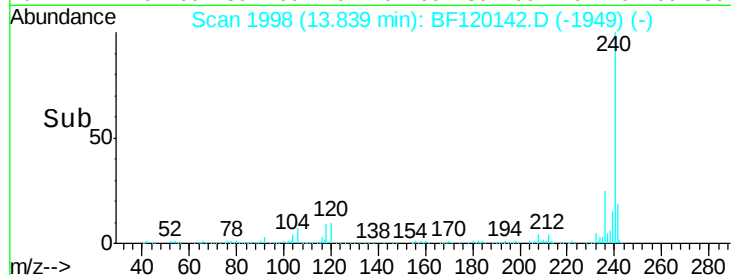
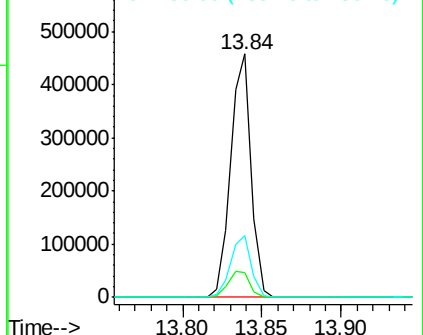
236 25.4 20.2 30.2



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: 10.157 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

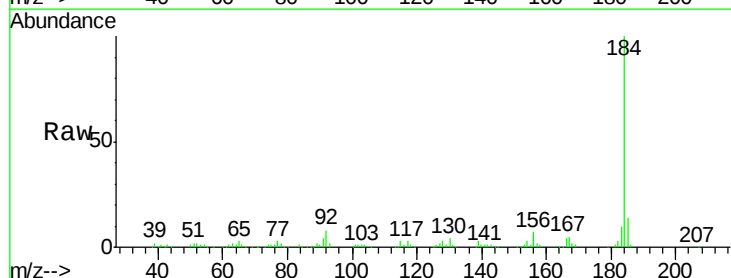
Tgt Ion:184 Resp: 140020

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

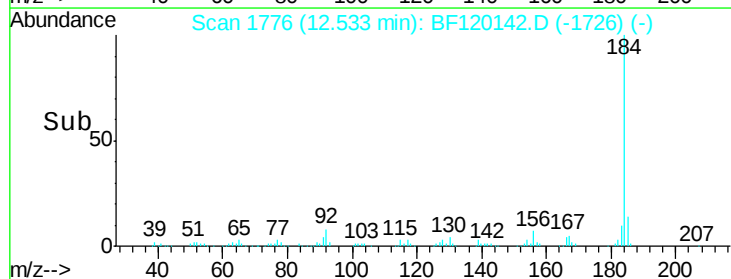
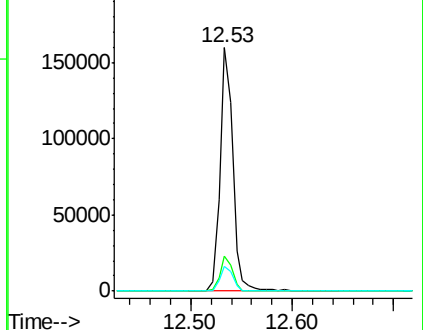
183 10.4 9.0 13.6

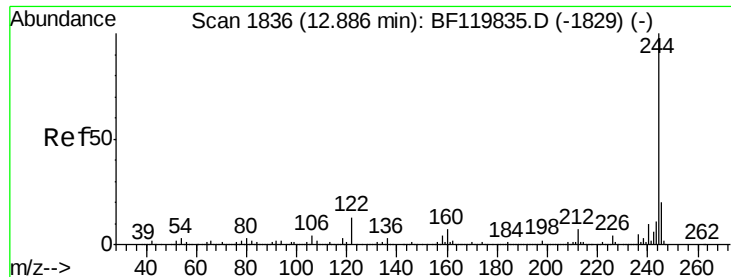


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 90.660 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15-COMP

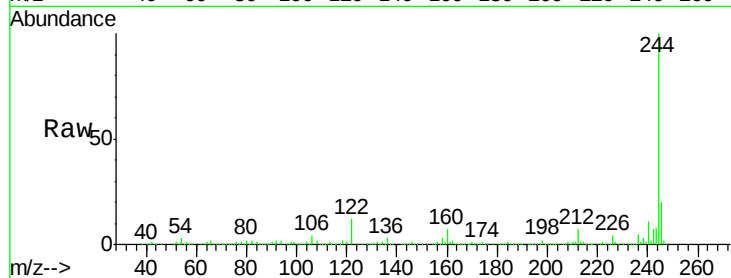
Tot Ion:244 Resp: 2197376

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

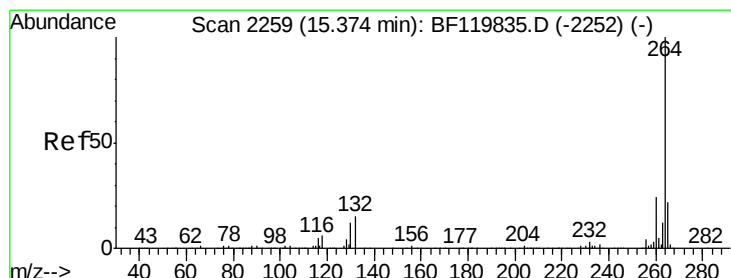
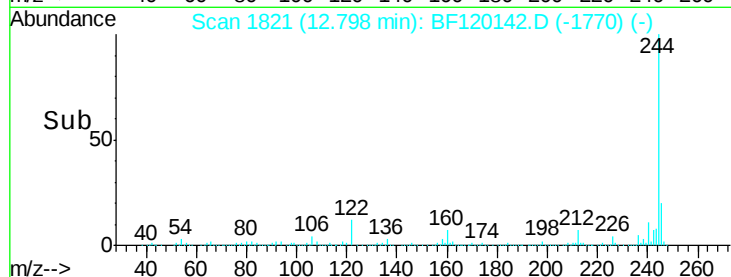
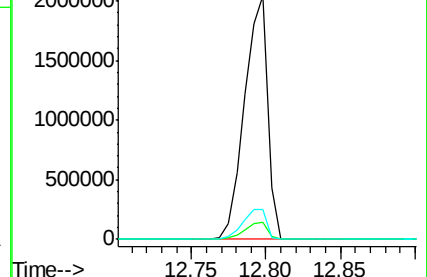
122 12.3 10.3 15.5



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: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

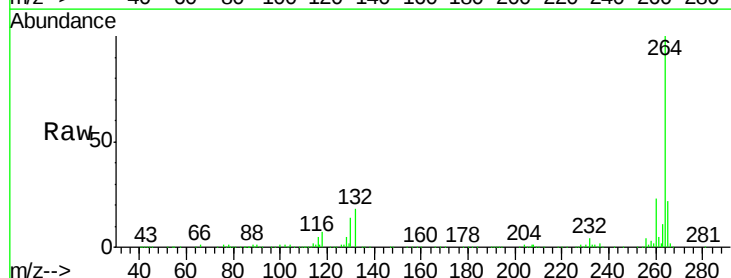
Tgt Ion:264 Resp: 330971

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.0 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

