

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120004.D
 Acq On : 15 Apr 2020 20:04
 Operator : MA/SJ
 Sample : PB128214TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214TB

Quant Time: Apr 16 01:16:39 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 15 11:01:23 2020
 Response via : Initial Calibration

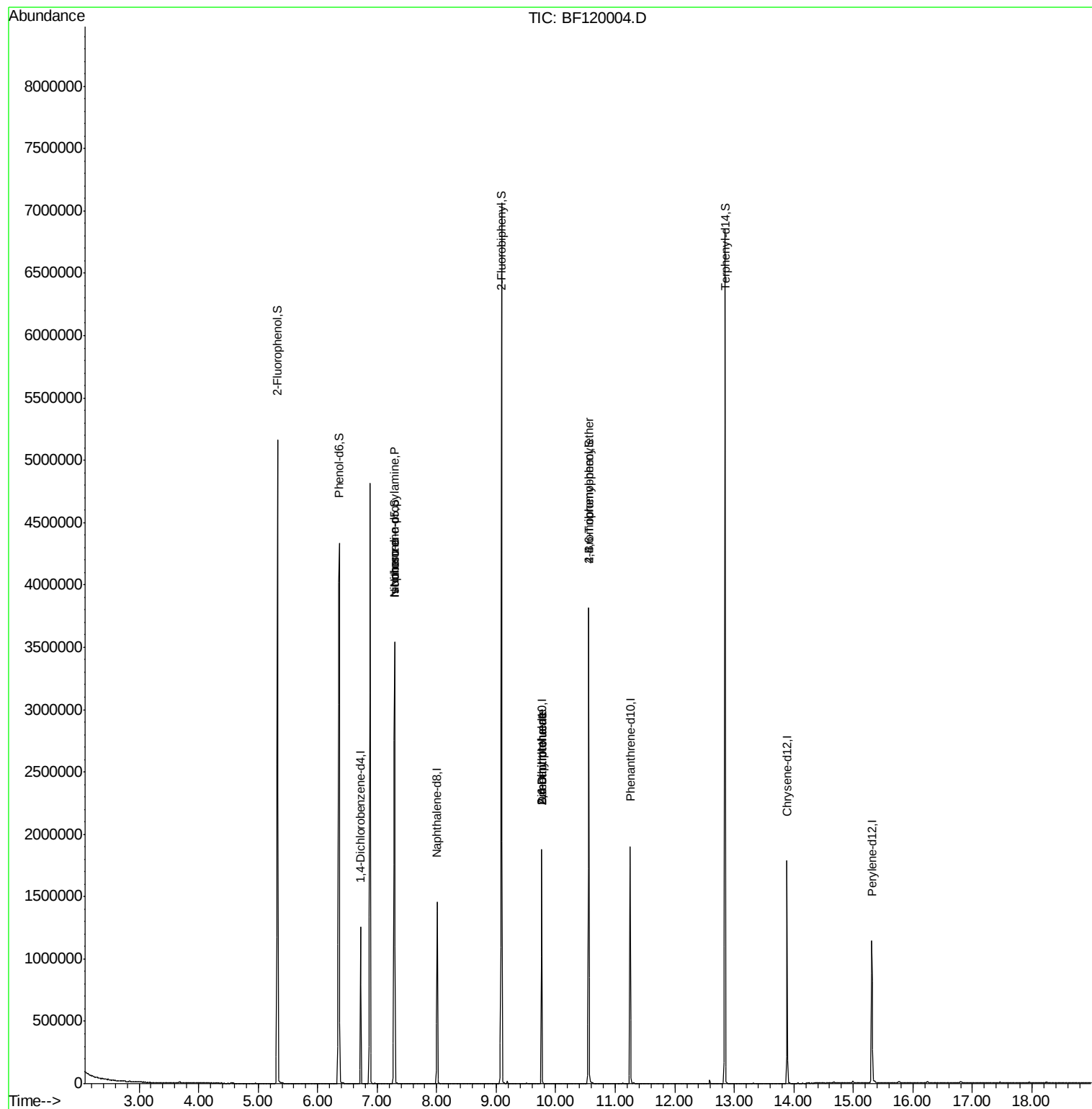
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	179525	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	679056	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	359094	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	727704	20.00	ng	0.00
76) Chrysene-d12	13.89	240	578472	20.00	ng	-0.01
87) Perylene-d12	15.31	264	501710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1531081	147.39	ng	0.00
7) Phenol-d6	6.36	99	1929905	144.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	1221401	93.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	455355	103.57	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2284974	90.34	ng	0.00
79) Terphenyl-d14	12.85	244	2709148	78.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2316	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	157784	18.331 ng	#	1
25) Isophorone	7.29	82	1213562	47.961 ng	#	74
50) Dimethylphthalate	9.76	163	82591	2.974 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	46194	7.595 ng	#	1
57) 2,4-Dinitrotoluene	9.76	165	46194	5.764 ng	#	19
67) 4-Bromophenyl-phenylether	10.56	248	28858	3.189 ng	#	23
					#	1

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

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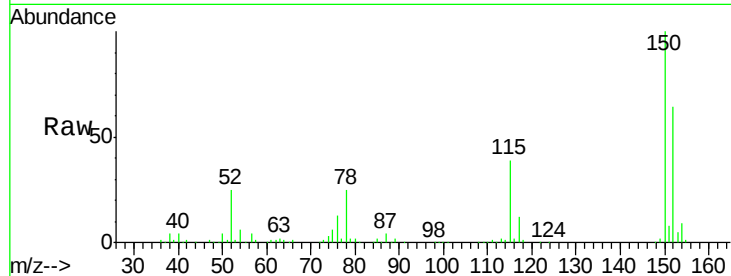


#1

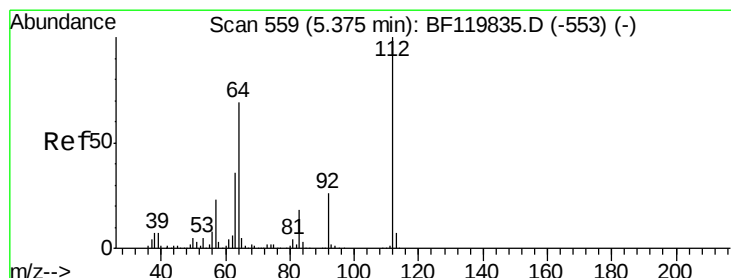
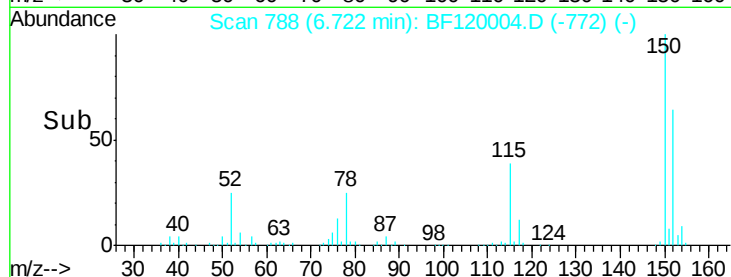
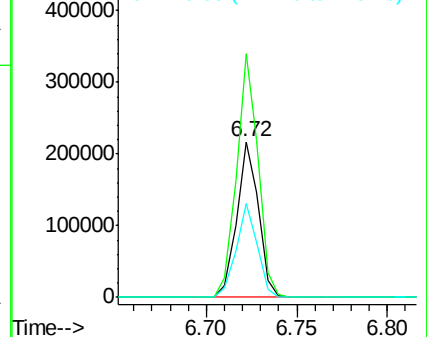
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128214TB

Tot Ion:152 Resp: 179525
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.8 187.2
 115 60.3 46.5 69.7



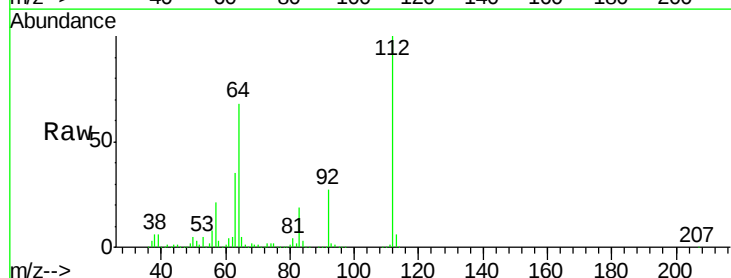
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



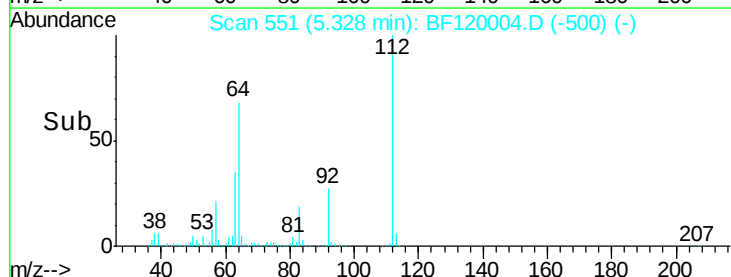
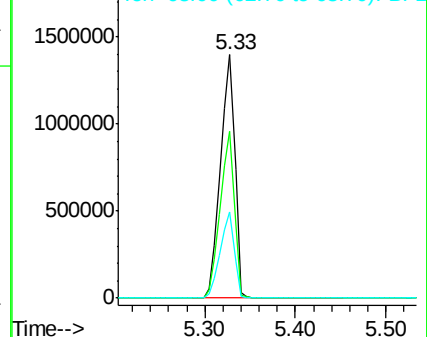
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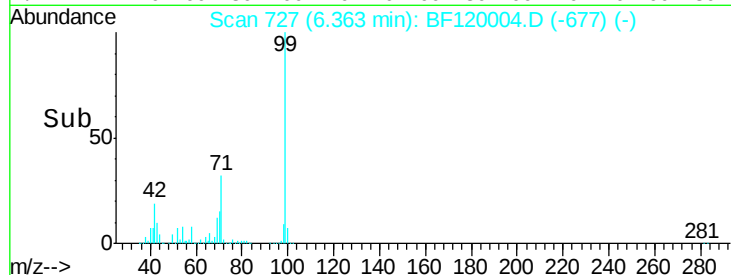
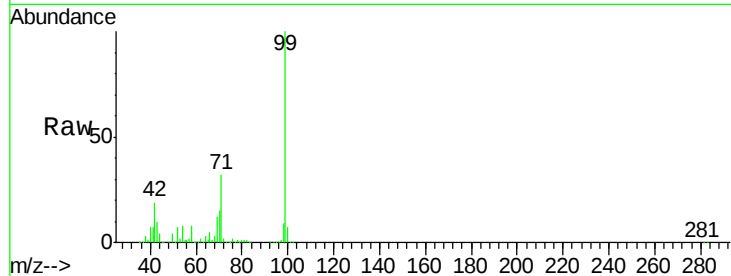
2-Fluorophenol
 Concen: 147.388 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Tgt Ion:112 Resp: 1531081
 Ion Ratio Lower Upper
 112 100
 64 68.4 55.5 83.3
 63 35.4 29.1 43.7



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: 144.178 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB128214TB

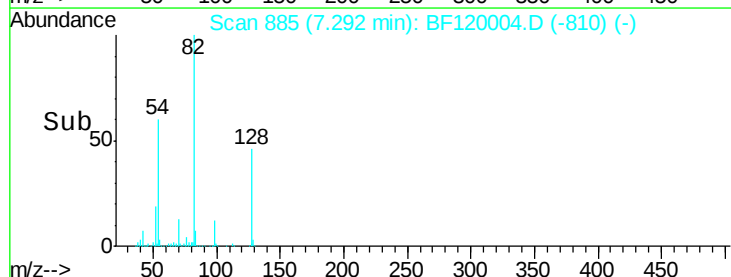
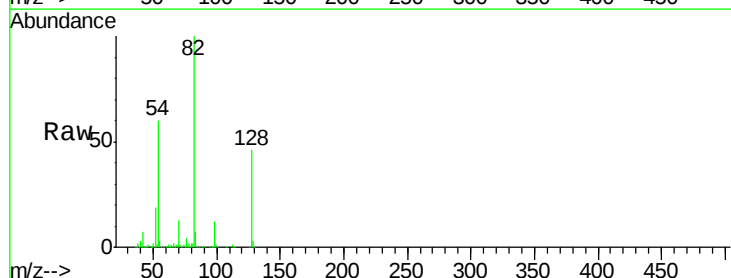
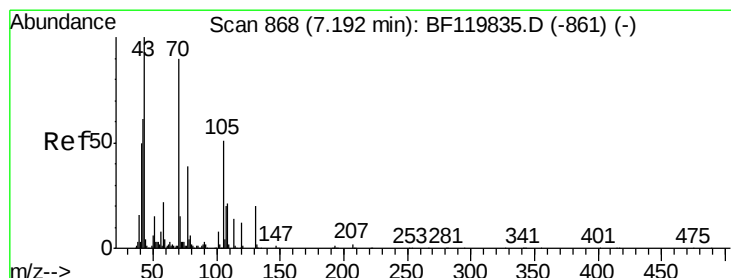
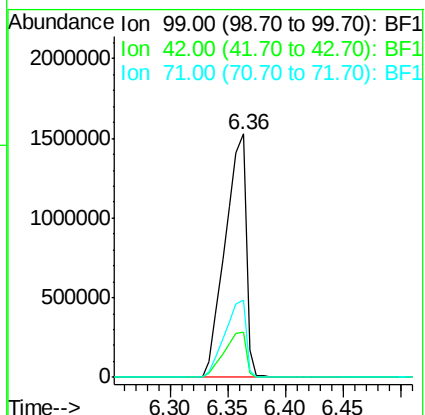
Tot Ion: 99 Resp: 1929905

Ion Ratio Lower Upper

99 100

42 18.5 16.9 25.3

71 32.0 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.331 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Tgt Ion: 70 Resp: 157784

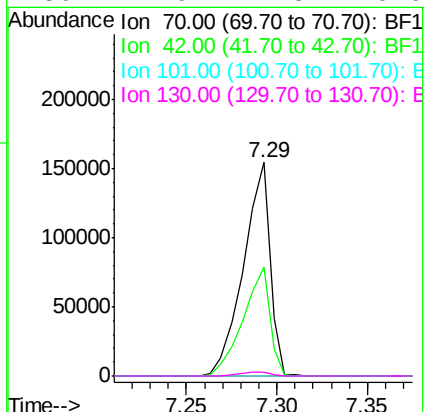
Ion Ratio Lower Upper

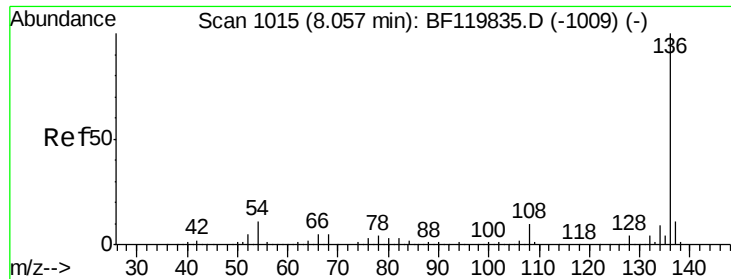
70 100

42 50.8 54.2 81.4#

101 0.0 7.4 11.2#

130 1.9 17.8 26.6#

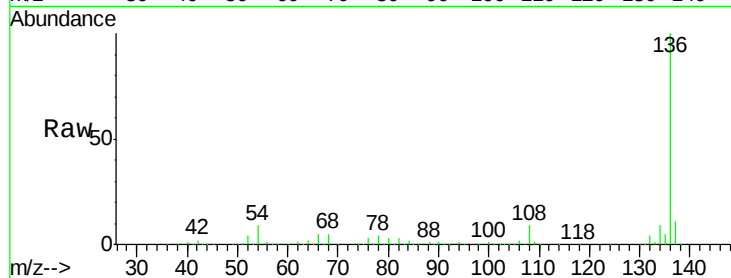




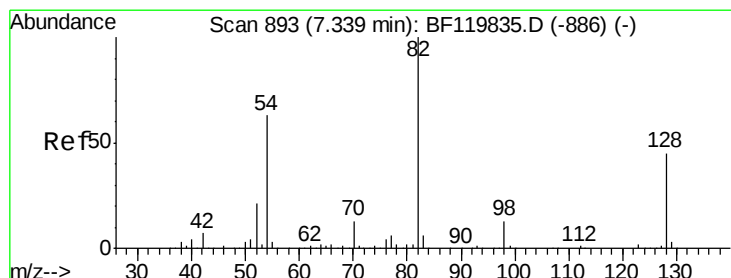
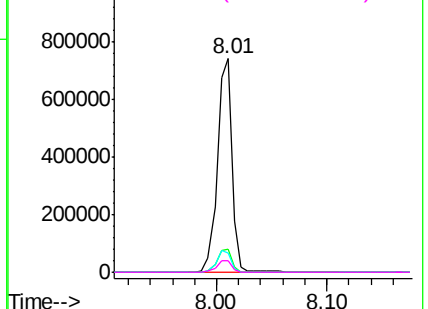
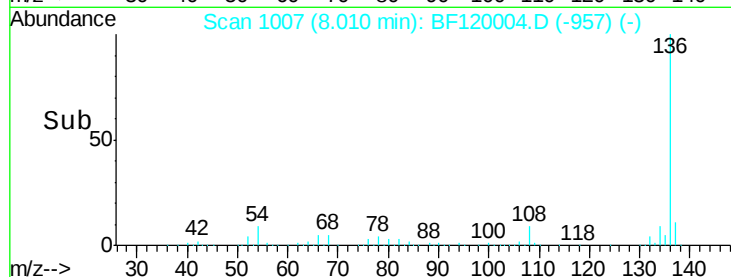
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120004.D
Acq: 15 Apr 2020 20:04

Instrument :
BNA_F
ClientSampleId :
PB128214TB

Tot Ion:136	Resp:	679056
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	8.9	8.5 12.7
68	5.1	3.9 5.9

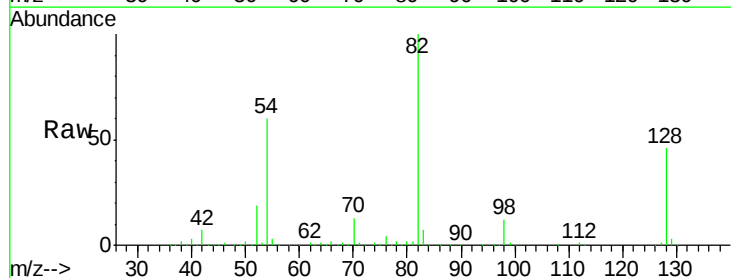


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

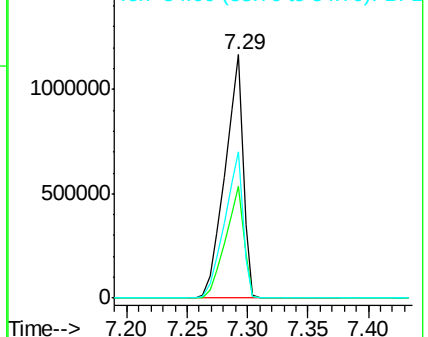
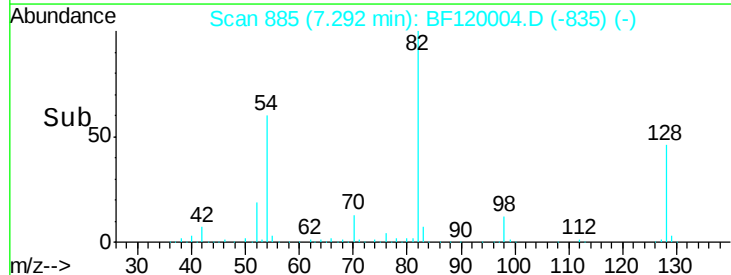


#23
Nitrobenzene-d5
Concen: 93.052 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120004.D
Acq: 15 Apr 2020 20:04

Tgt Ion: 82	Resp:	1221401
Ion	Ratio	Lower Upper
82	100	
128	45.9	36.2 54.4
54	60.0	50.4 75.6



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: 47.961 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB128214TB

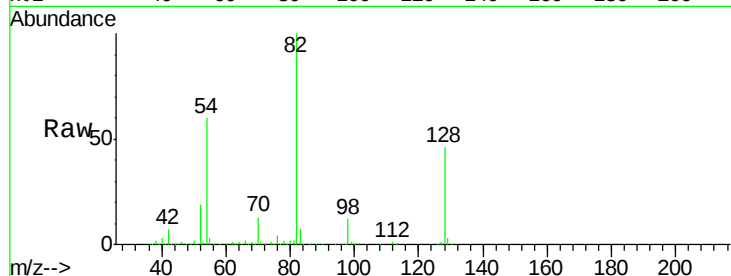
Tot Ion: 82 Resp: 1213562

Ion Ratio Lower Upper

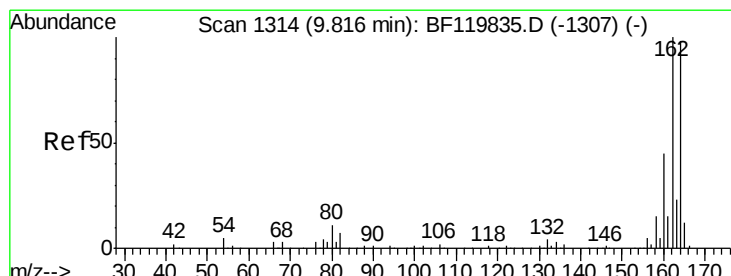
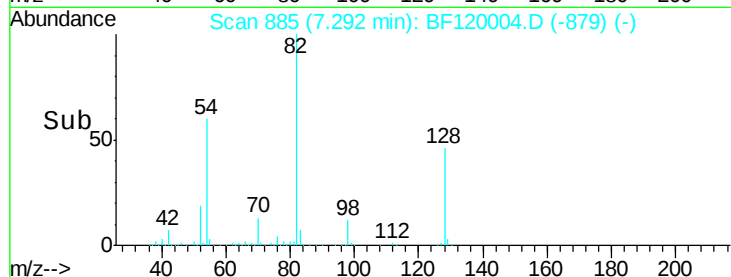
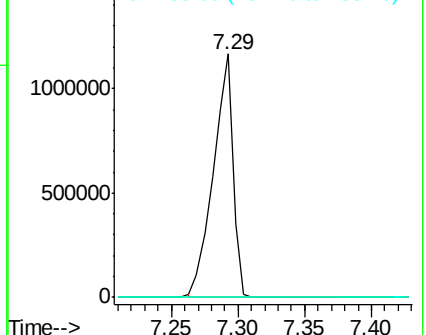
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

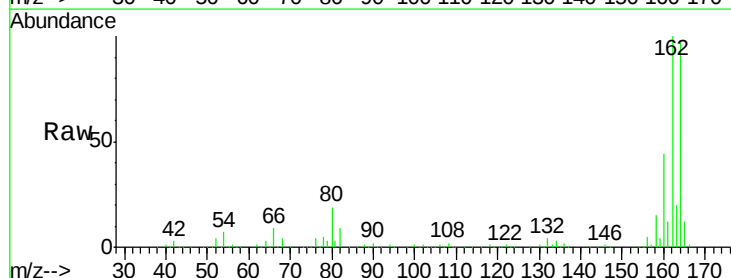
Tgt Ion:164 Resp: 359094

Ion Ratio Lower Upper

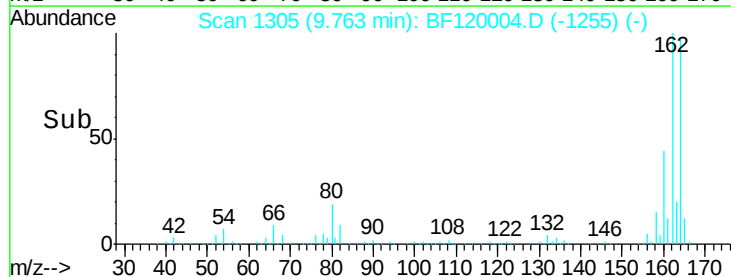
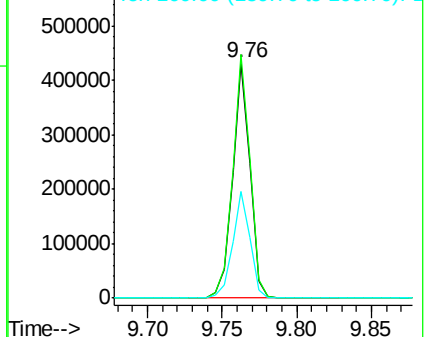
164 100

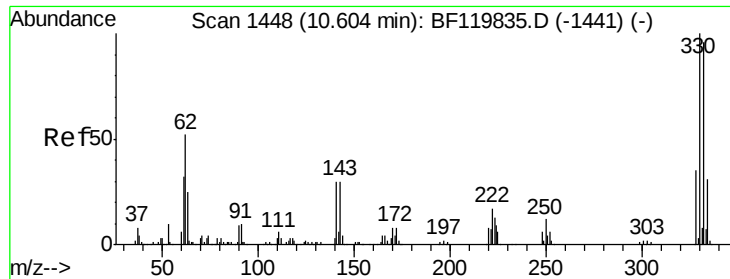
162 103.5 81.9 122.9

160 45.4 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

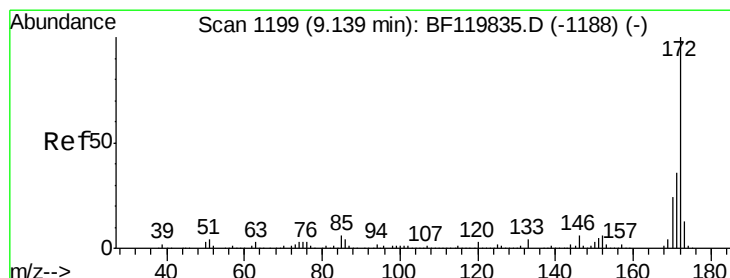
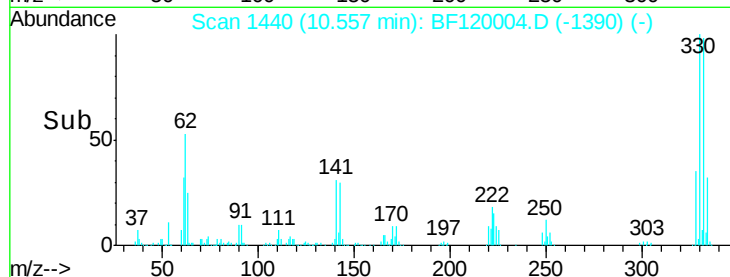
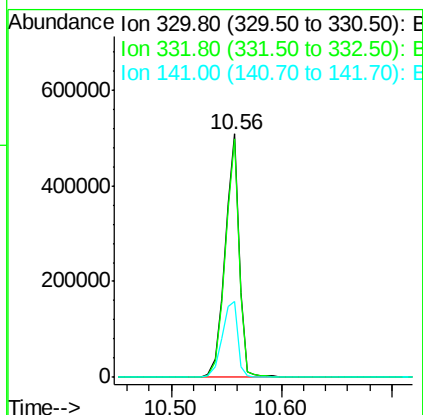
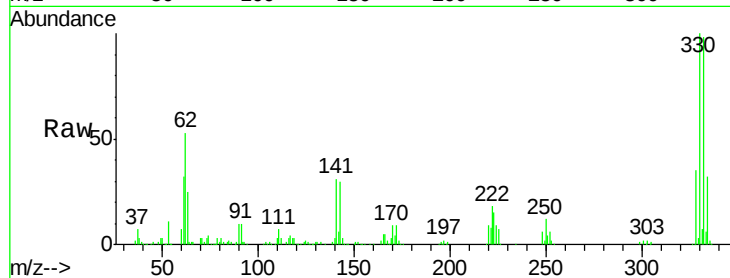




#42
 2,4,6-Tribromophenol
 Concen: 103.571 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

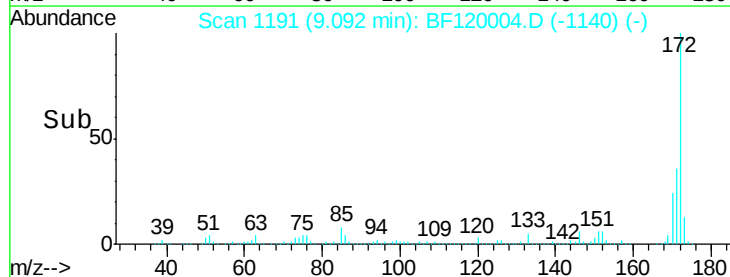
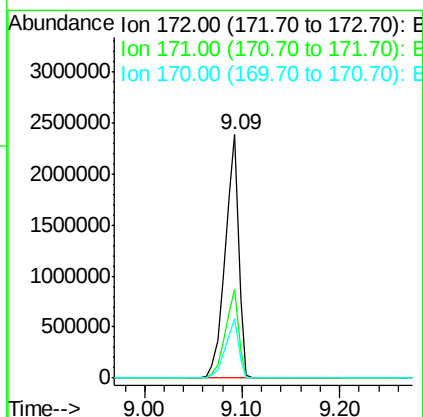
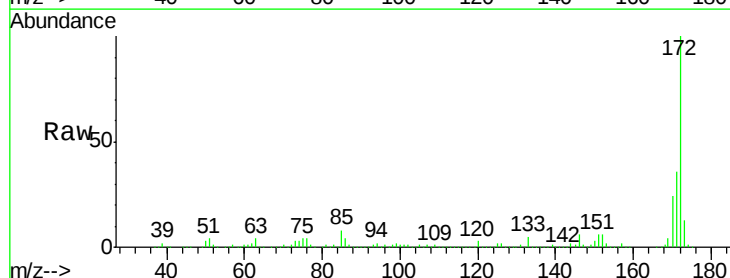
Instrument :
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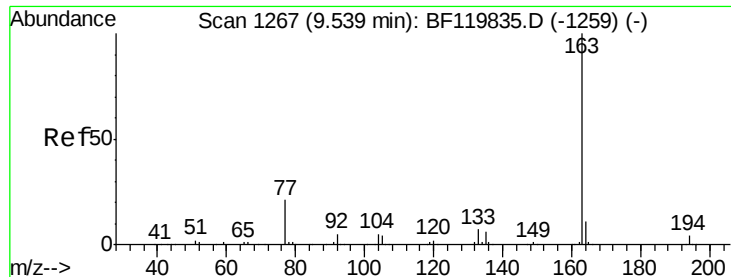
Tot Ion:330 Resp: 455355
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 34.5 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 90.343 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Tgt Ion:172 Resp: 2284974
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.3 19.4 29.2





#50

Dimethylphthalate

Concen: 2.974 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Instrument :

BNA_F

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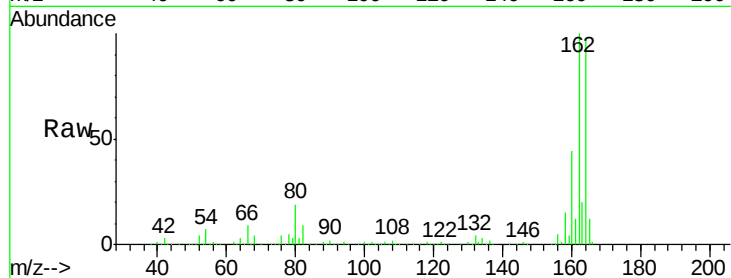
Tot Ion:163 Resp: 82591

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

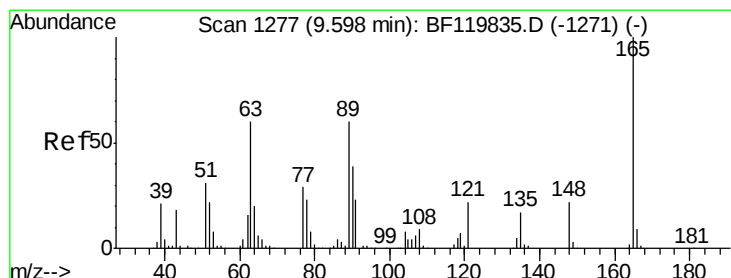
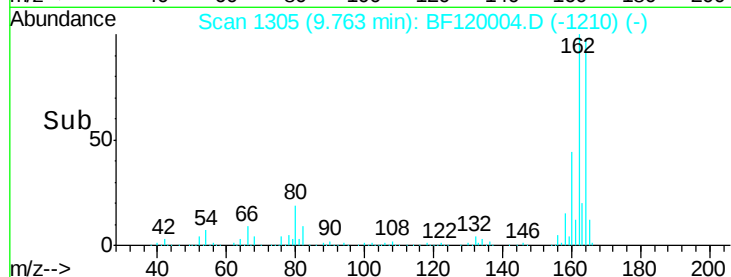
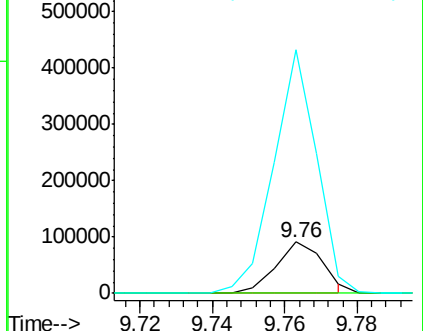
164 472.4 8.4 12.6#



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



#51

2,6-Dinitrotoluene

Concen: 7.595 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.20 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

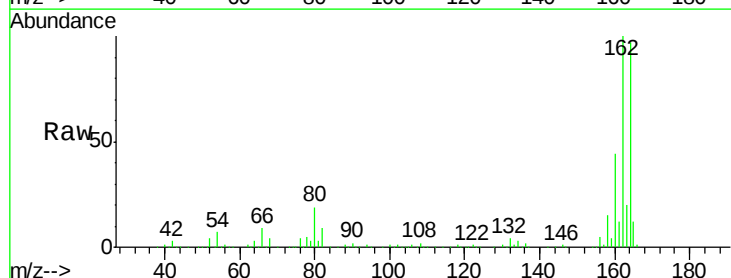
Tgt Ion:165 Resp: 46194

Ion Ratio Lower Upper

165 100

63 1.4 55.6 83.4#

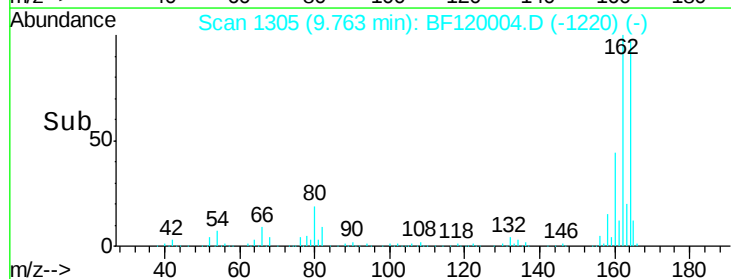
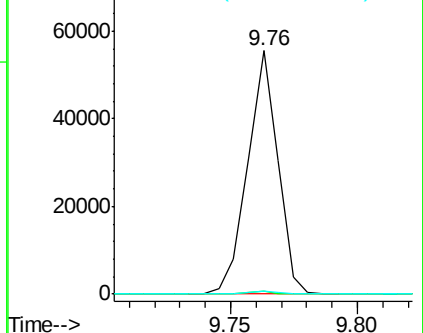
89 1.3 47.9 71.9#

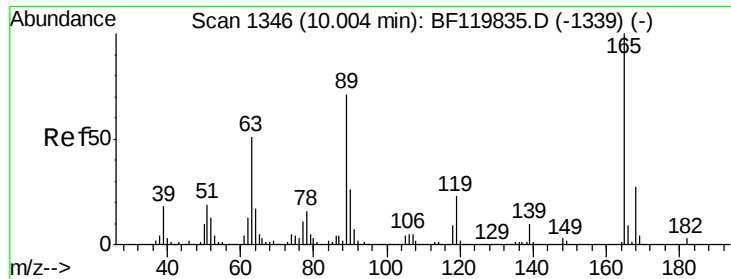


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

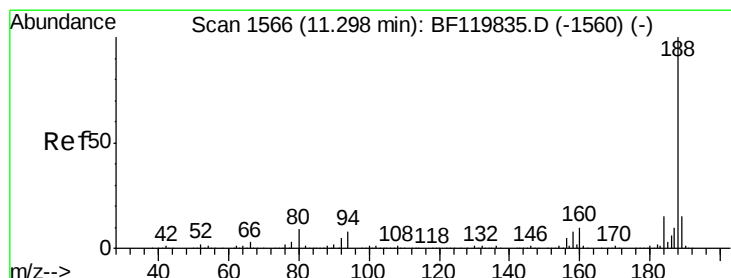
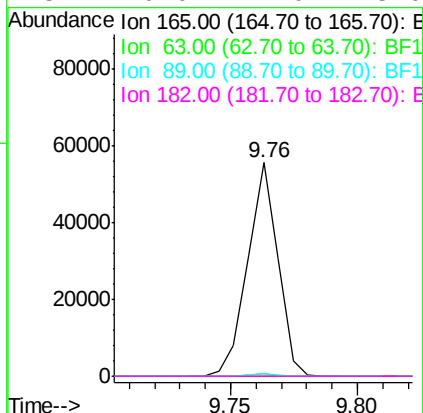
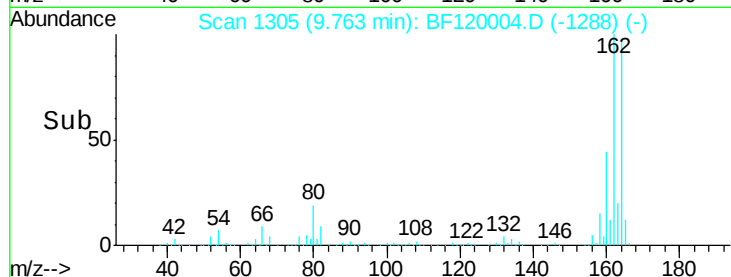
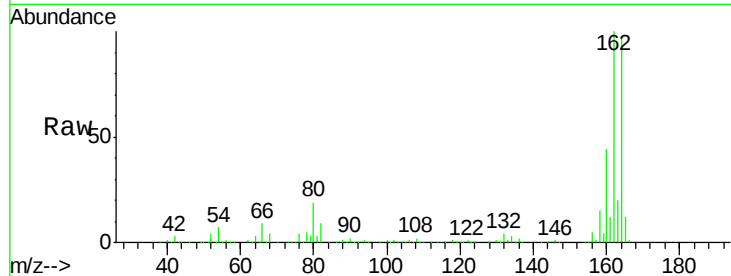




#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

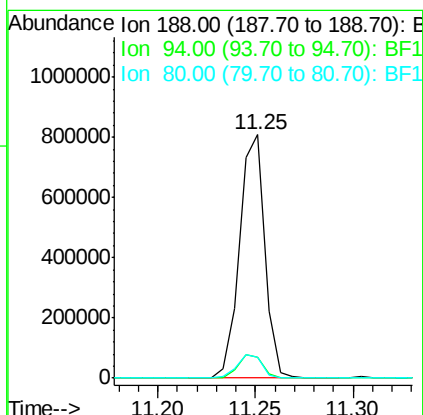
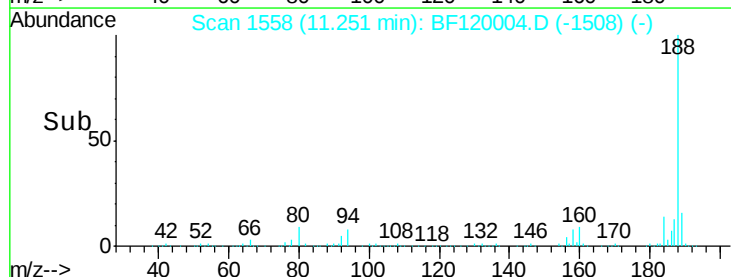
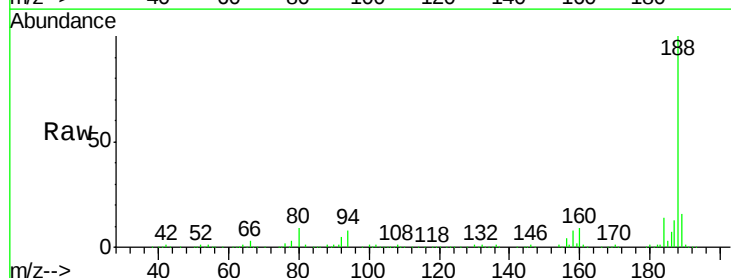
Instrument :
 BNA_F
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 PB128214TB

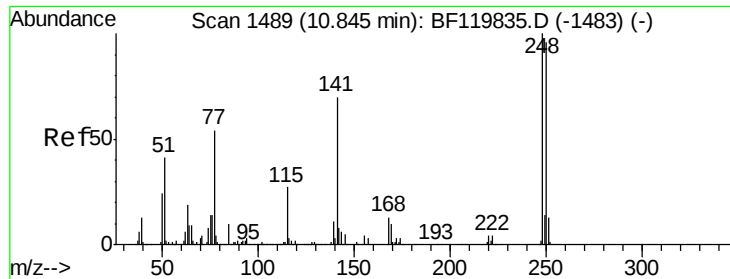
Tot Ion:165	Resp:	46194
Ion Ratio	Lower	Upper
165	100	
63	1.4	40.8 61.2#
89	1.3	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Tgt Ion:188	Resp:	727704
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.7 10.1
80	8.6	7.4 11.2

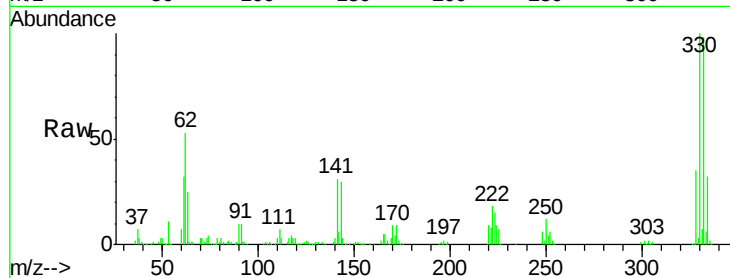




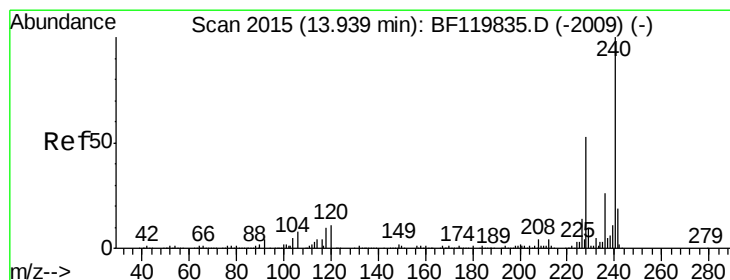
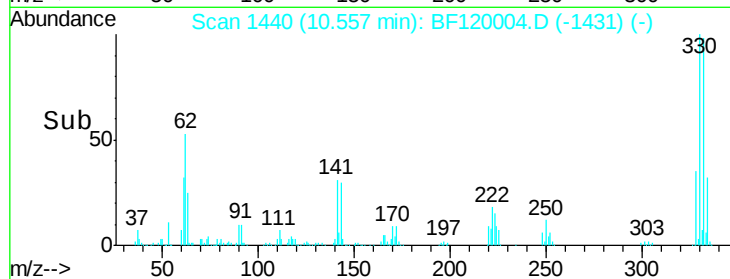
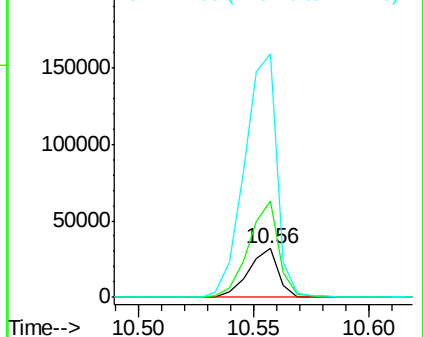
#67
 4-Bromophenyl-phenylether
 Concen: 3.189 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128214TB

Tot Ion:248 Resp: 28858
 Ion Ratio Lower Upper
 248 100
 250 197.8 76.6 114.8#
 141 501.7 55.9 83.9#

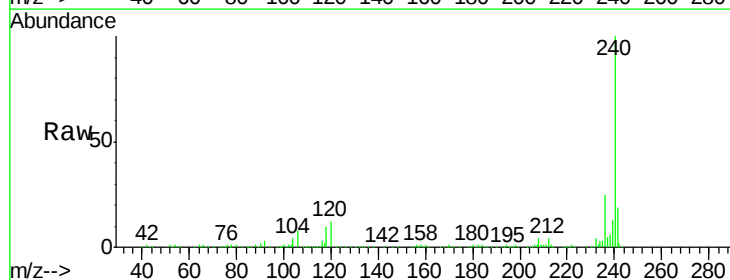


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

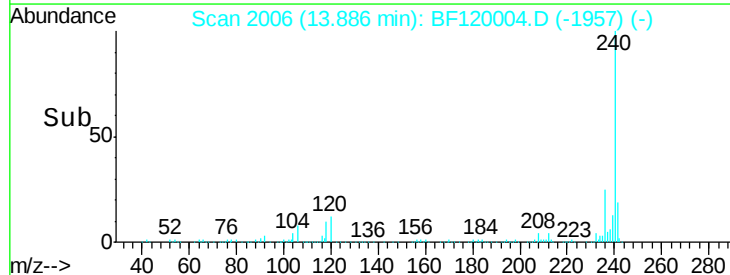
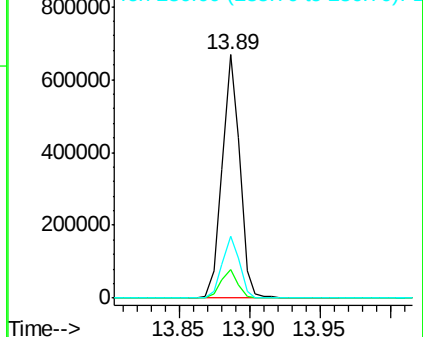


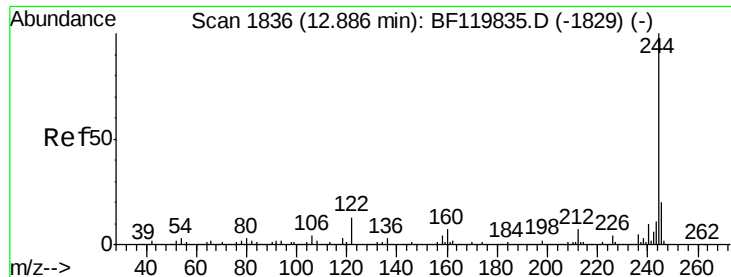
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Tgt Ion:240 Resp: 578472
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.0 13.6
 236 25.2 20.7 31.1



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: 78.803 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB128214TB

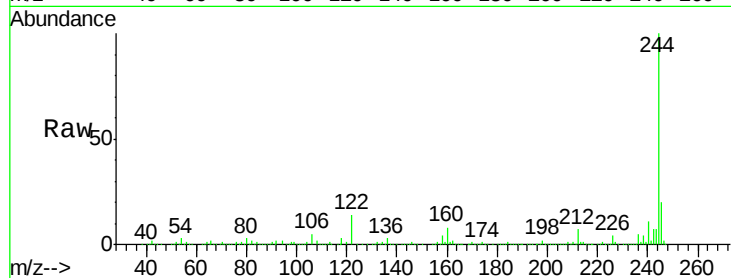
Tot Ion:244 Resp: 2709148

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

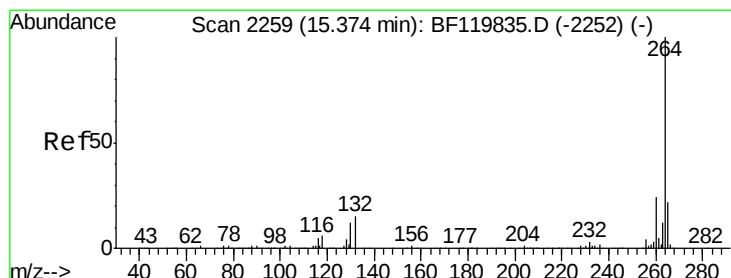
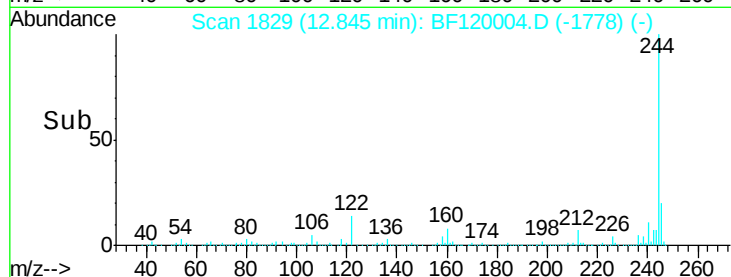
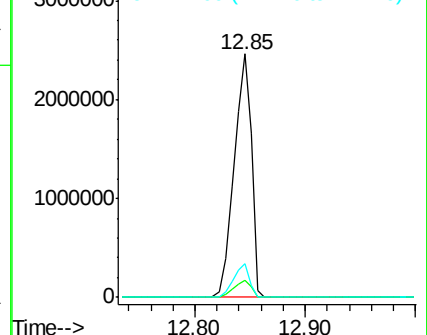
122 14.0 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

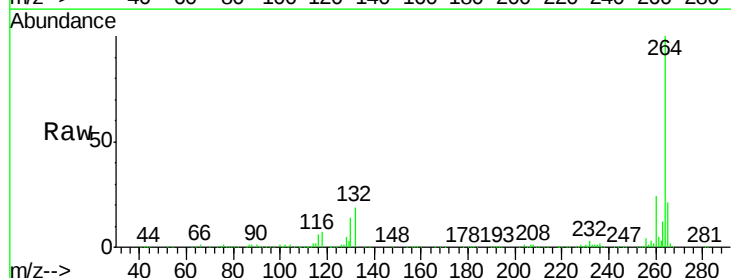
Tgt Ion:264 Resp: 501710

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.4 17.6 26.4



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

