

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120608.D
 Acq On : 12 Jun 2020 8:54
 Operator : JU/CG
 Sample : PB129479BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129479BL

Quant Time: Jun 12 10:49:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

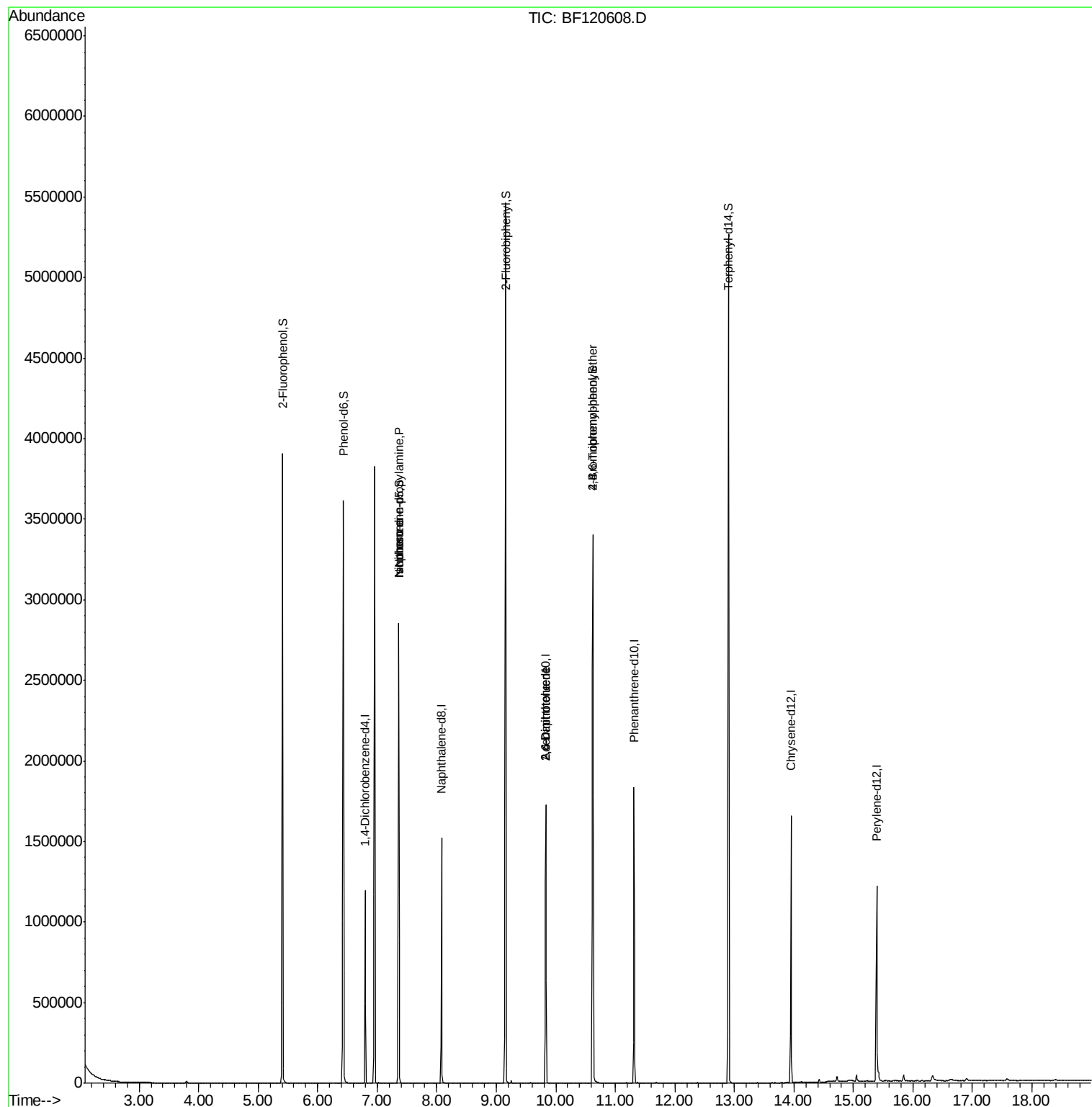
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	161649	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	611876	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	325101	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	648455	20.00	ng	0.00
76) Chrysene-d12	13.95	240	550339	20.00	ng	-0.01
86) Perylene-d12	15.39	264	583271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1138086	120.71	ng	0.00
7) Phenol-d6	6.43	99	1419499	120.88	ng	0.00
23) Nitrobenzene-d5	7.36	82	927142	84.70	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	476518	126.07	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1727796	81.31	ng	0.00
79) Terphenyl-d14	12.90	244	2141908	85.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	123058	18.065	ng	# 78
25) Isophorone	7.36	82	923800	43.323	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	41842	7.885	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	41842	5.943	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	27260	3.704	ng	# 1

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

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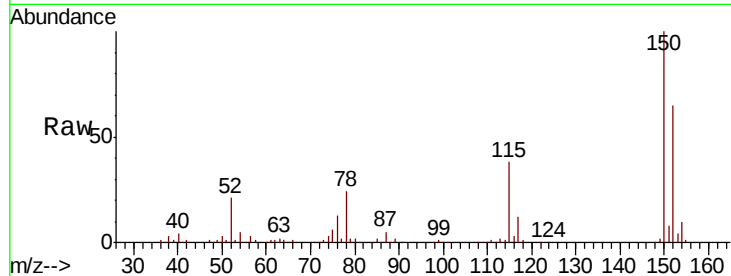


#1

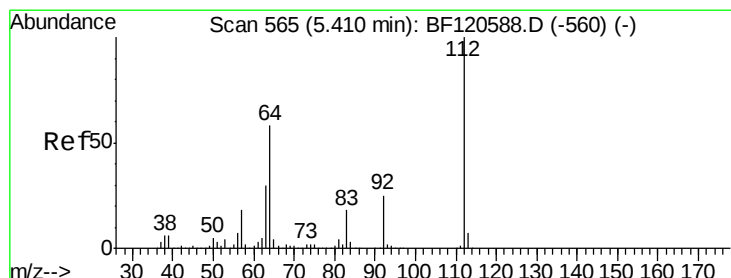
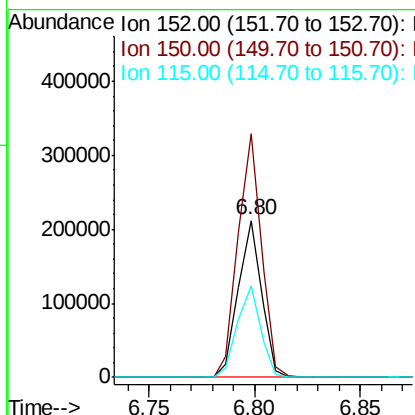
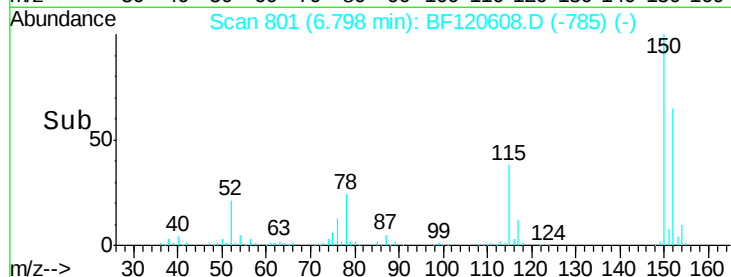
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120608.D
Acq: 12 Jun 2020 8:54

Instrument :
BNA_F
ClientSampleId :
PB129479BL

Tot Ion:152 Resp: 161649
Ion Ratio Lower Upper
152 100
150 155.0 123.2 184.8
115 58.4 43.9 65.9



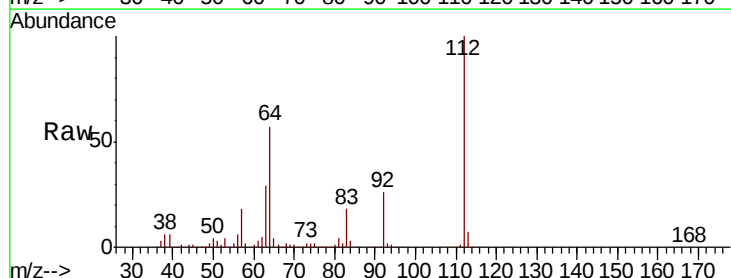
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



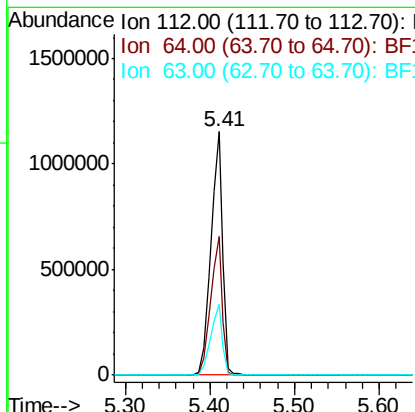
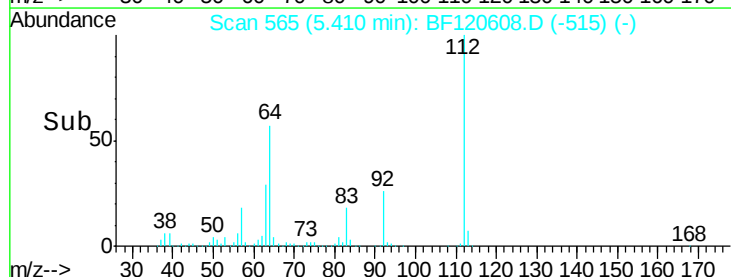
#5

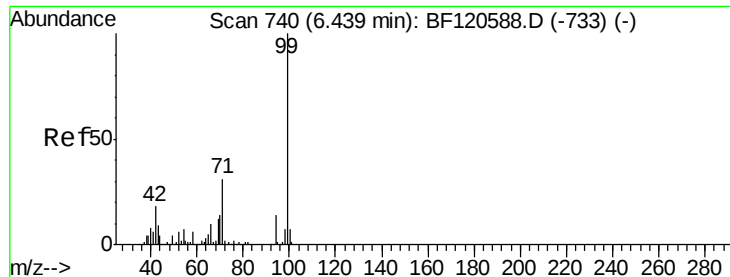
2-Fluorophenol
Concen: 120.706 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120608.D
Acq: 12 Jun 2020 8:54

Tgt Ion:112 Resp: 1138086
Ion Ratio Lower Upper
112 100
64 57.0 46.1 69.1
63 28.9 23.7 35.5



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: 120.877 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120608.D

Acq: 12 Jun 2020 8:54

Instrument :

BNA_F

ClientSampleId :

PB129479BL

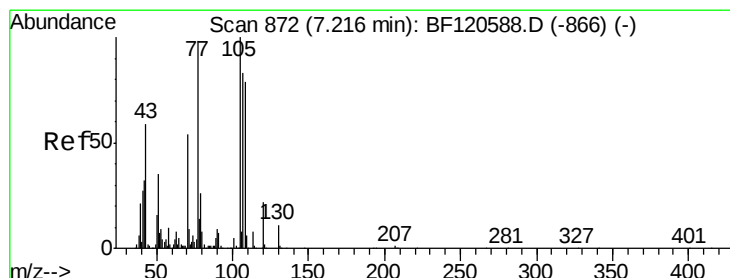
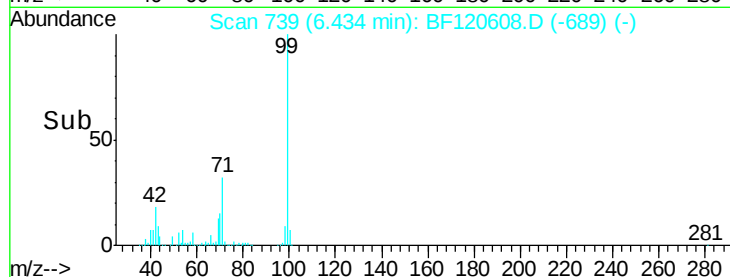
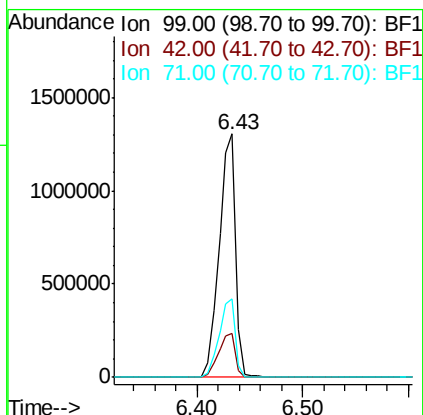
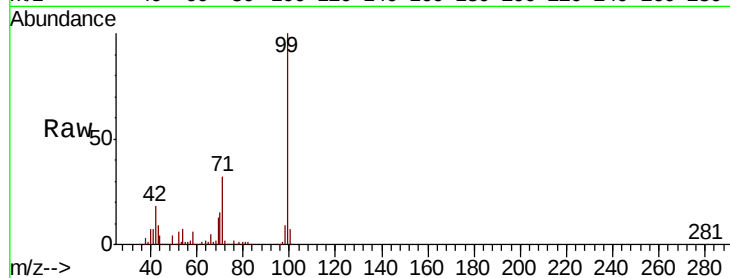
Tot Ion: 99 Resp: 1419499

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

71 32.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.065 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120608.D

Acq: 12 Jun 2020 8:54

Tgt Ion: 70 Resp: 123058

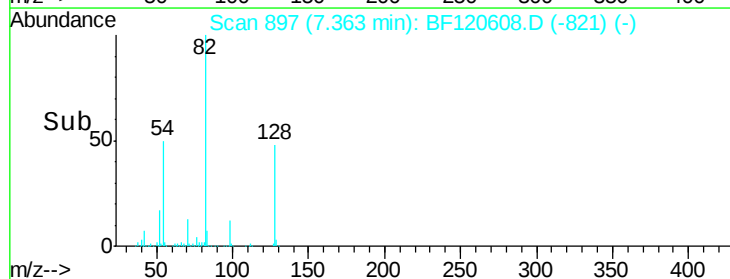
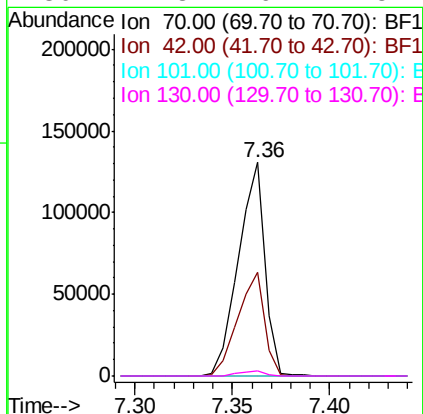
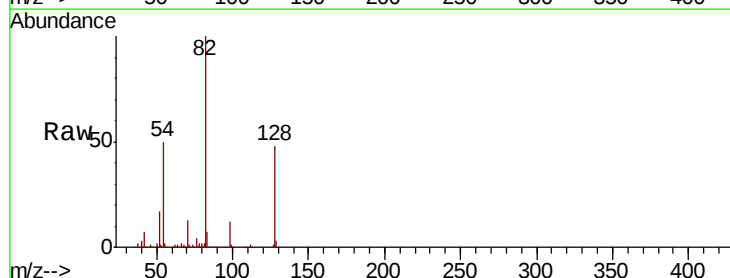
Ion Ratio Lower Upper

70 100

42 48.5 47.7 71.5

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

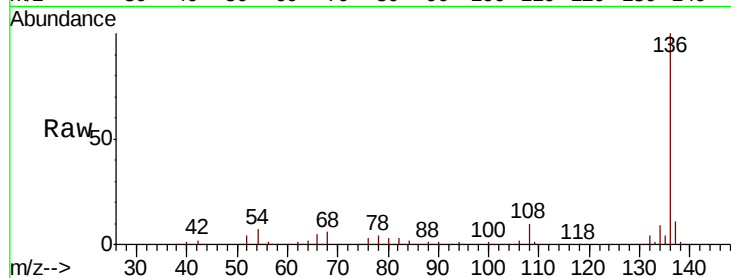




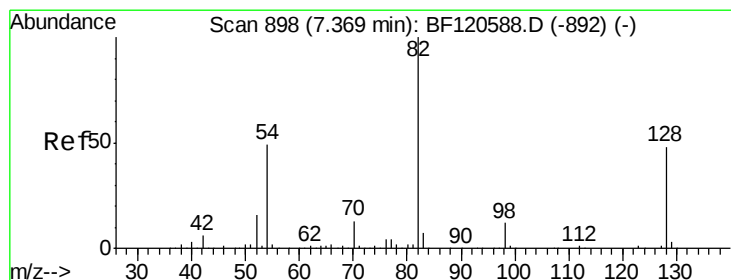
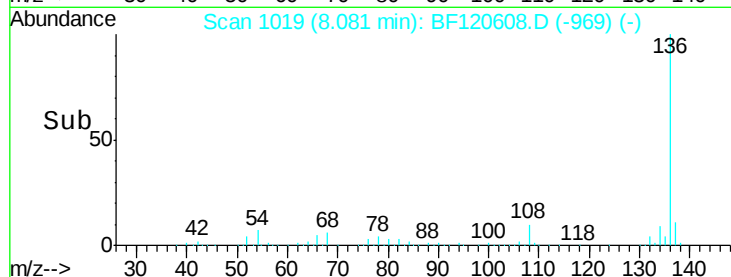
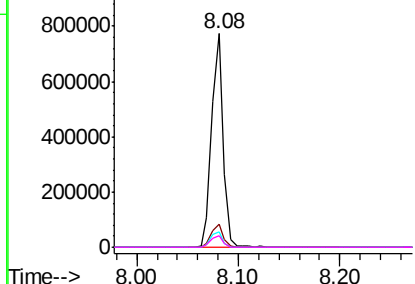
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120608.D
Acq: 12 Jun 2020 8:54

Instrument :
BNA_F
ClientSampleId :
PB129479BL

Tot Ion:136	Resp:	611876
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	7.4	5.8 8.6
68	5.6	4.4 6.6

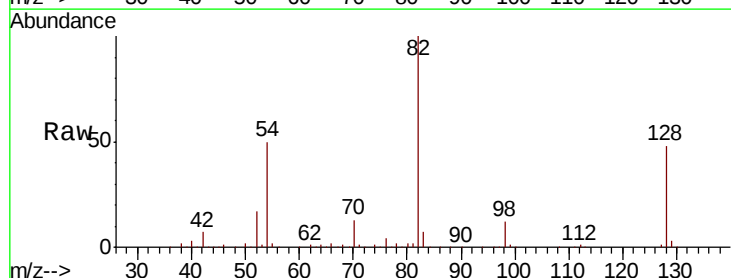


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

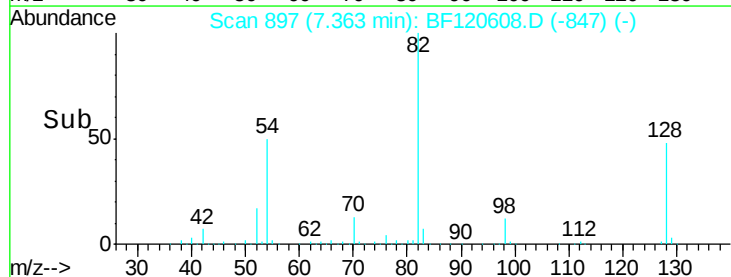
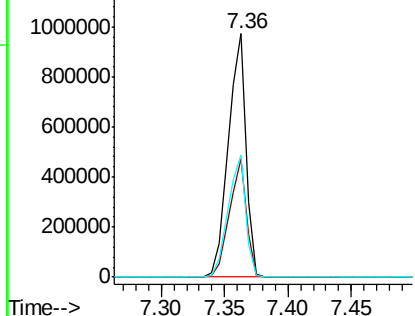


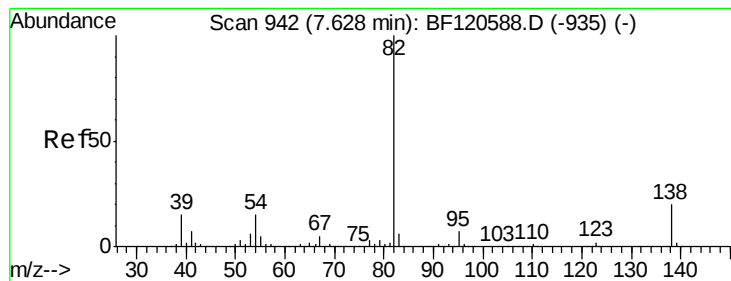
#23
Nitrobenzene-d5
Concen: 84.697 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120608.D
Acq: 12 Jun 2020 8:54

Tgt Ion: 82	Resp:	927142
Ion	Ratio	Lower Upper
82	100	
128	48.4	38.0 57.0
54	50.1	38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
600000
400000
200000
0





#25

Isophorone

Concen: 43.323 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120608.D

Acq: 12 Jun 2020 8:54

Instrument :

BNA_F

ClientSampleId :

PB129479BL

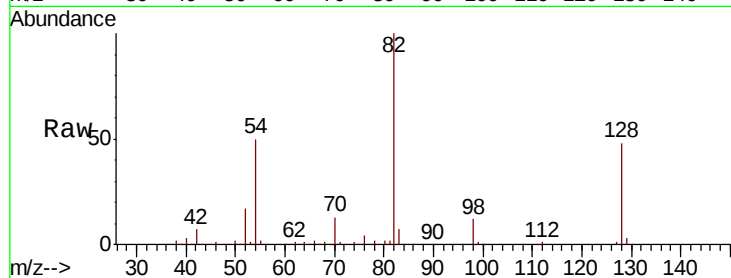
Tot Ion: 82 Resp: 923800

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

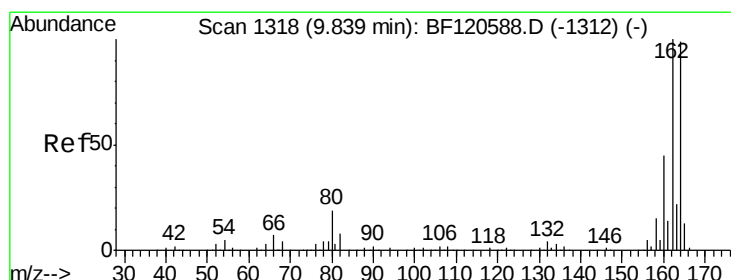
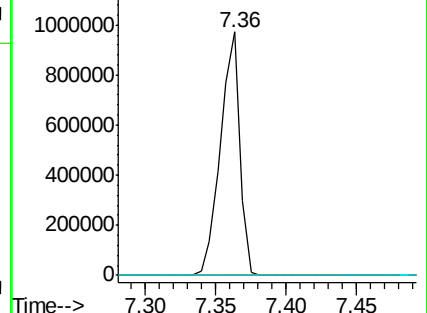
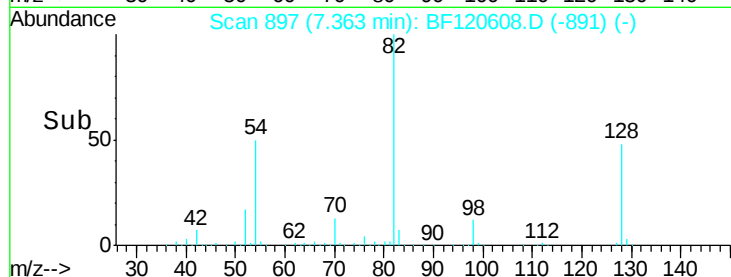
138 0.0 16.2 24.4#



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: BF120608.D

Acq: 12 Jun 2020 8:54

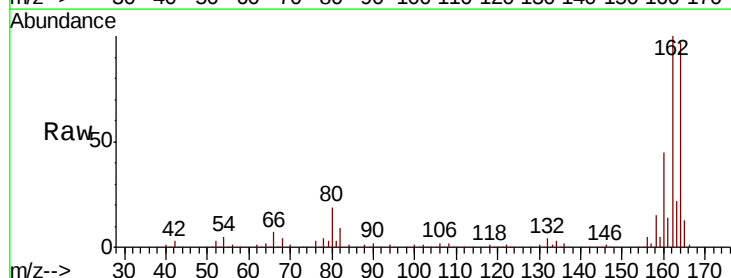
Tgt Ion: 164 Resp: 325101

Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

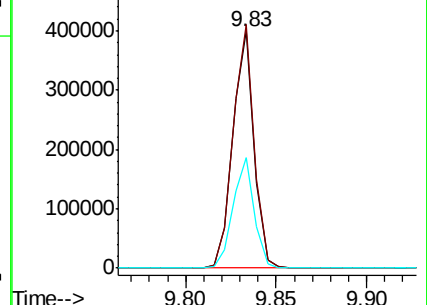
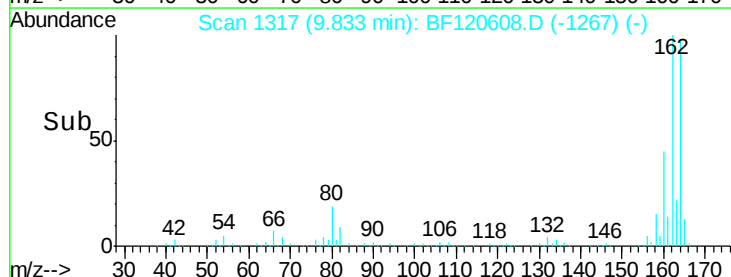
160 46.5 36.2 54.2

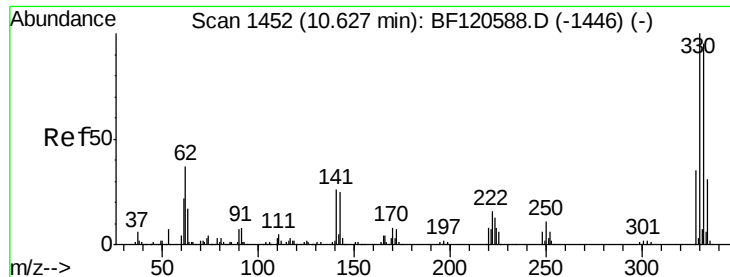


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

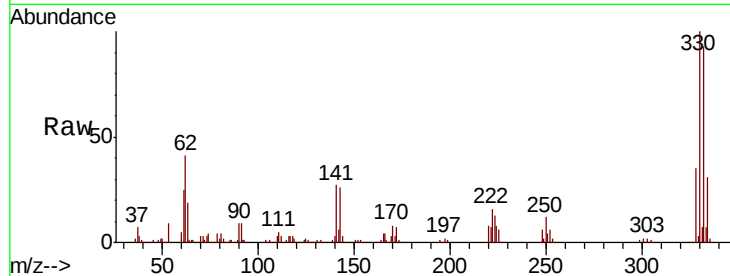




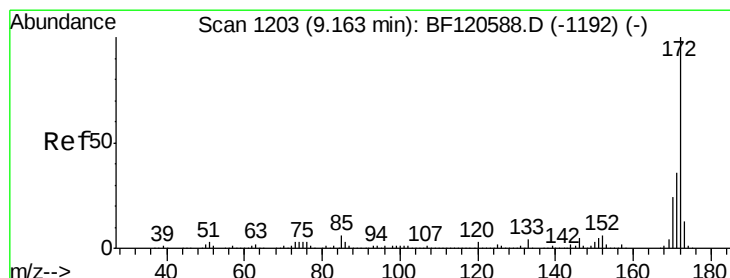
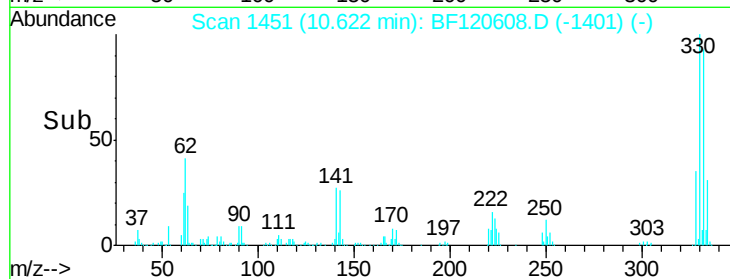
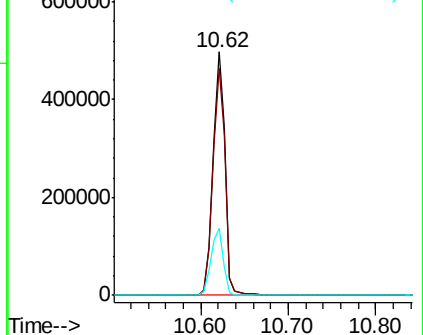
#42
 2,4,6-Tribromophenol
 Concen: 126.071 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120608.D
 Acq: 12 Jun 2020 8:54

Instrument :
 BNA_F
 ClientSampleId :
 PB129479BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	28.3	23.2	34.8

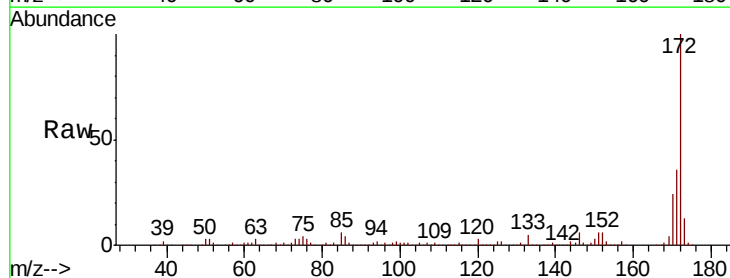


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

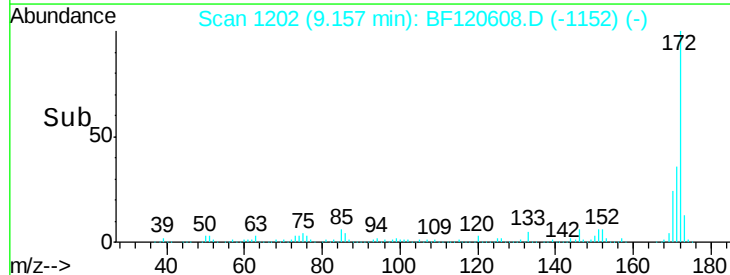
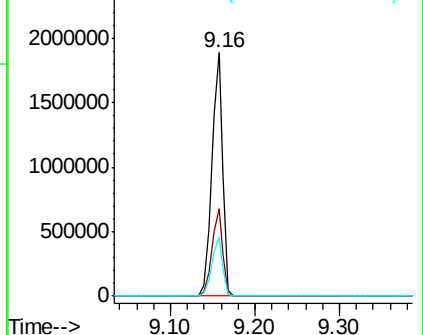


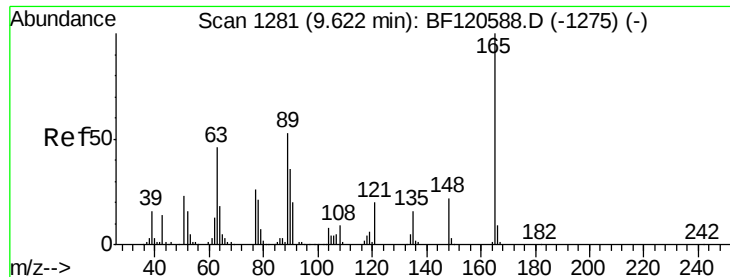
#45
 2-Fluorobiphenyl
 Concen: 81.313 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120608.D
 Acq: 12 Jun 2020 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	19.4	29.2



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

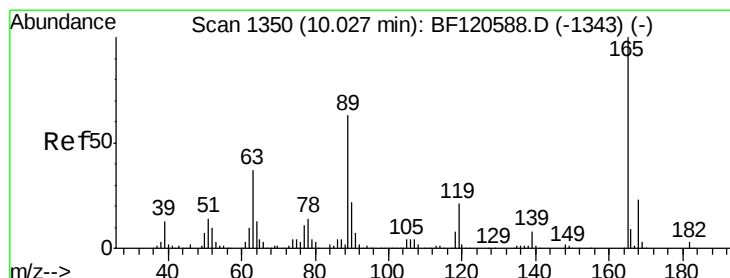
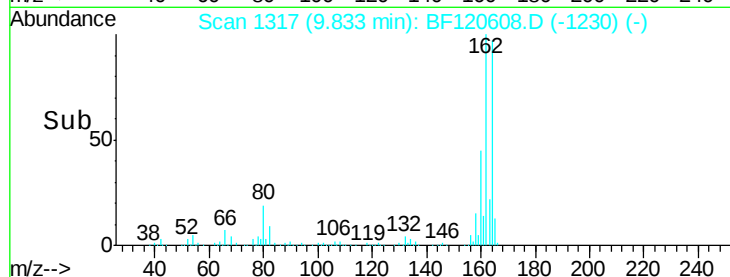
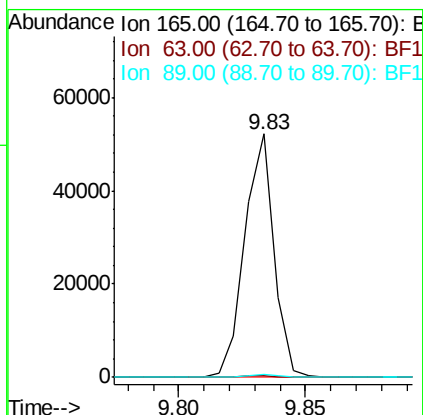
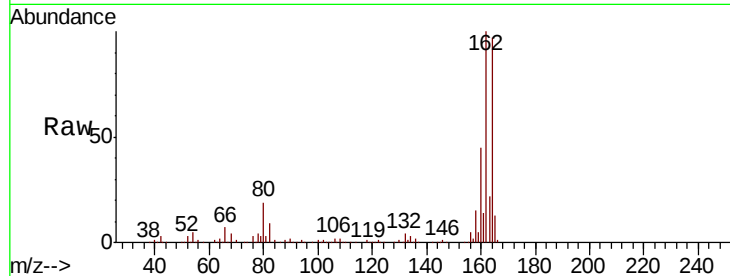




#51
 2,6-Dinitrotoluene
 Concen: 7.885 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF120608.D
 Acq: 12 Jun 2020 8:54

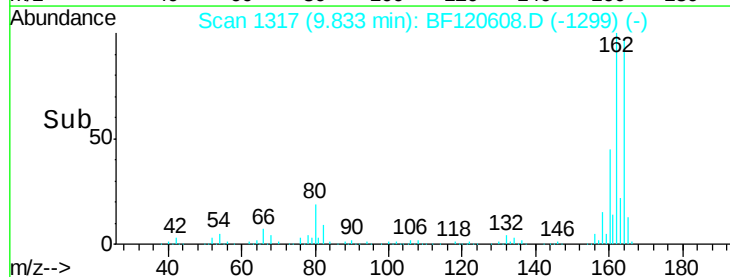
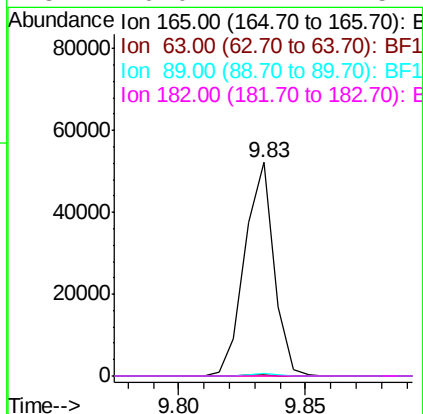
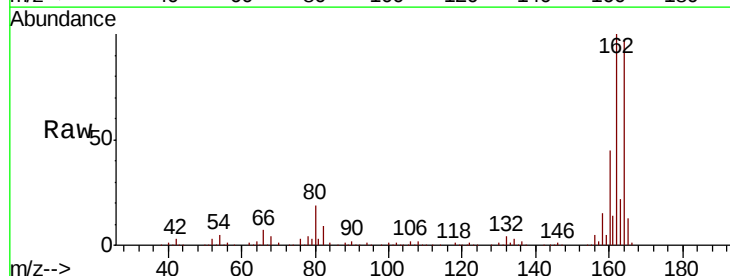
Instrument :
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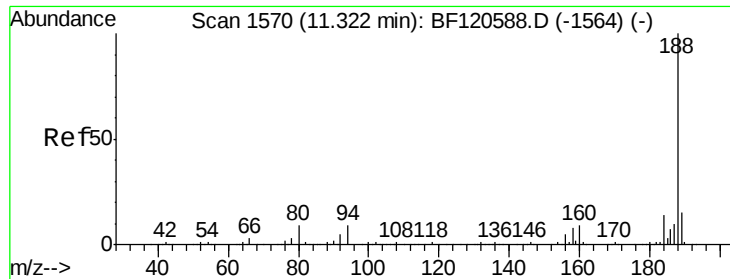
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.7	62.5#
89	1.4	42.6	64.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.943 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120608.D
 Acq: 12 Jun 2020 8:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.4	50.4	75.6#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120608.D

Acq: 12 Jun 2020 8:54

Instrument :

BNA_F

ClientSampleId :

PB129479BL

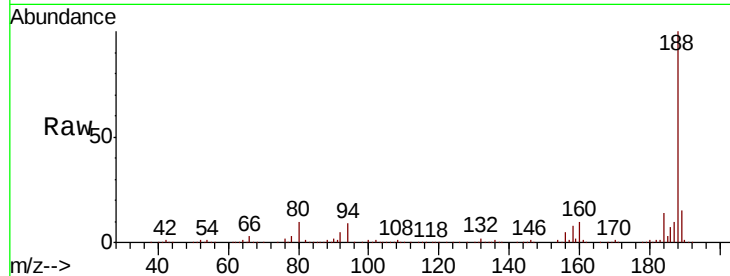
Tot Ion:188 Resp: 648455

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

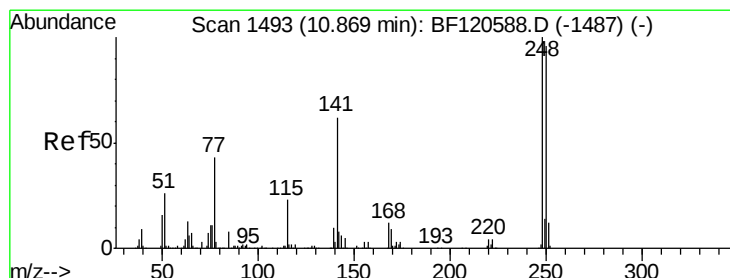
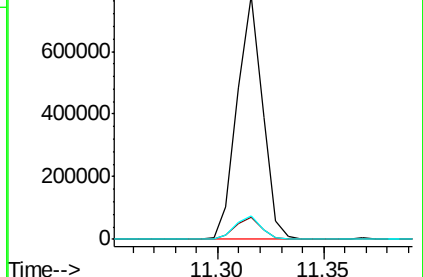
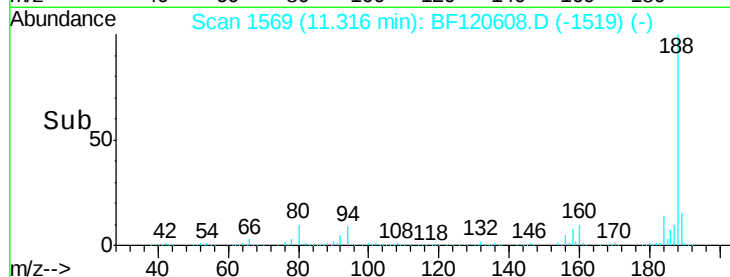
80 9.6 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 3.704 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120608.D

Acq: 12 Jun 2020 8:54

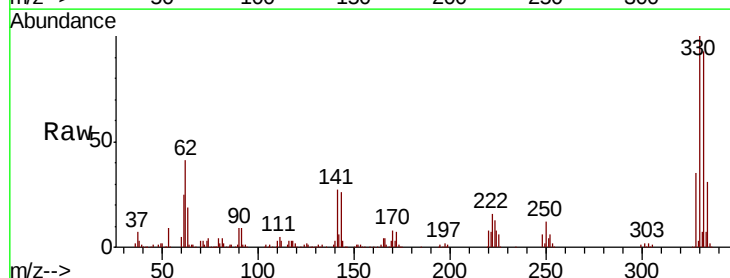
Tgt Ion:248 Resp: 27260

Ion Ratio Lower Upper

248 100

250 197.1 76.7 115.1#

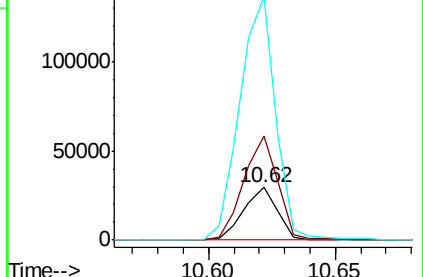
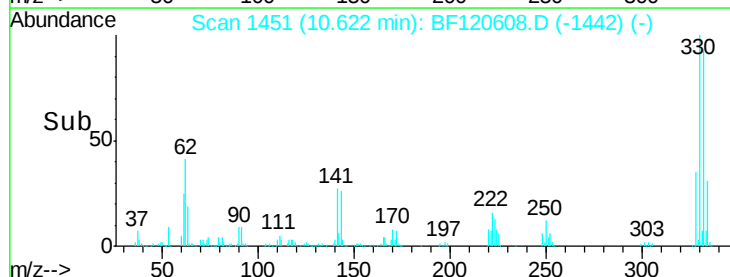
141 463.3 49.4 74.0#

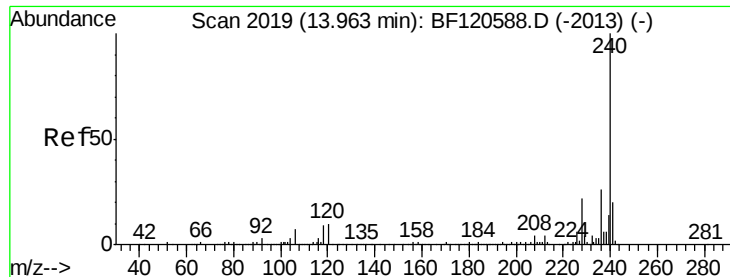


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

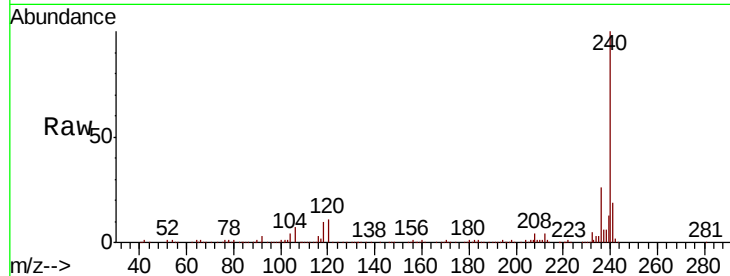




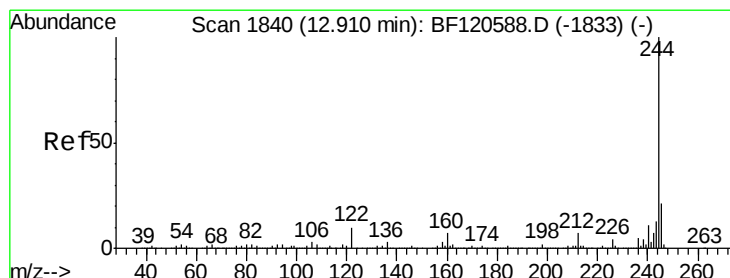
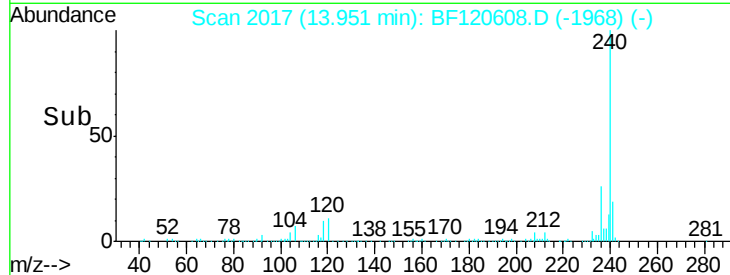
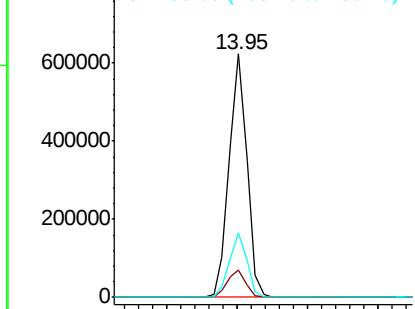
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120608.D
Acq: 12 Jun 2020 8:54

Instrument :
BNA_F
ClientSampleId :
PB129479BL

Tot Ion:240 Resp: 550339
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 26.4 21.0 31.4

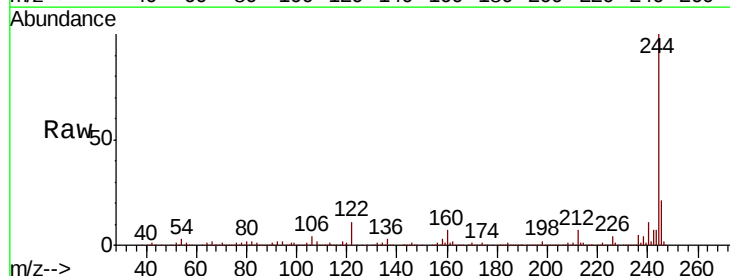


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

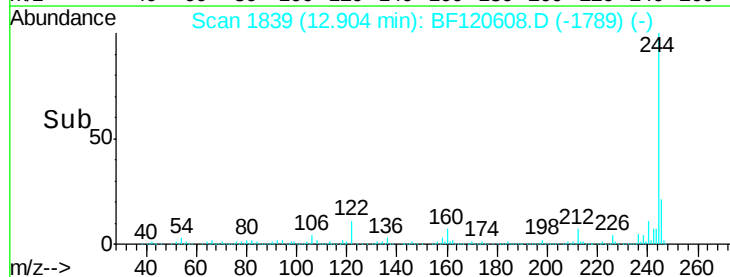
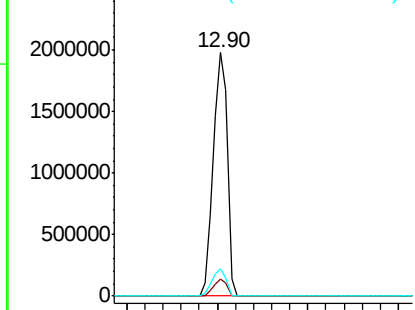


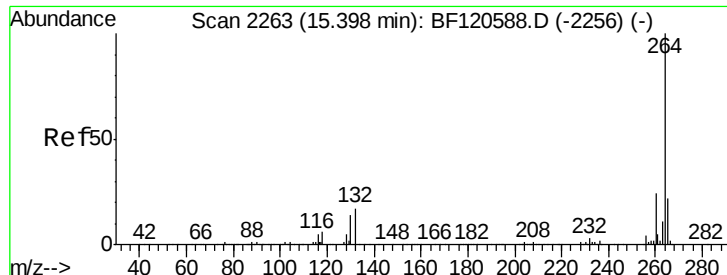
#79
Terphenyl-d14
Concen: 85.969 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF120608.D
Acq: 12 Jun 2020 8:54

Tgt Ion:244 Resp: 2141908
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.2 8.3 12.5



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





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF120608.D
 Acq: 12 Jun 2020 8:54

Instrument :
 BNA_F
 ClientSampleId :
 PB129479BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.7	17.8	26.8

