

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120597.D
 Acq On : 11 Jun 2020 10:51
 Operator : JU/CG
 Sample : PB129455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Quant Time: Jun 11 12:32:41 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

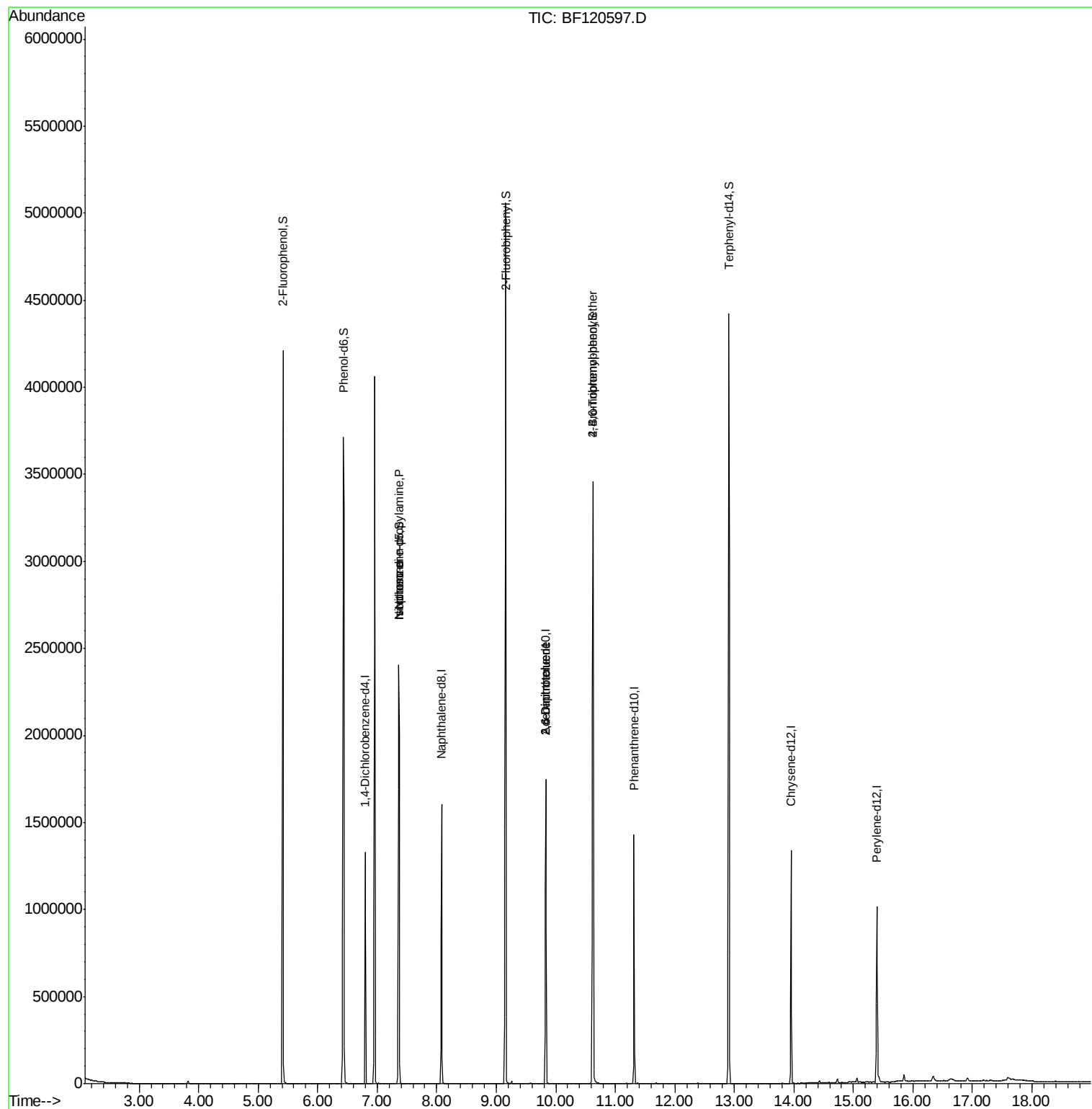
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	191710	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	691874	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	343053	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	521667	20.00	ng	0.00
76) Chrysene-d12	13.96	240	470463	20.00	ng	0.00
86) Perylene-d12	15.40	264	475075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1316271	117.71	ng	0.00
7) Phenol-d6	6.43	99	1660037	119.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	918835	74.23	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	556169	139.44	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1830931	81.66	ng	0.00
79) Terphenyl-d14	12.91	244	1904371	89.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	121752	15.071	ng	# 78
25) Isophorone	7.36	82	918594	38.098	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	43683	7.802	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	43683	5.879	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	32737	5.529	ng	# 1

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

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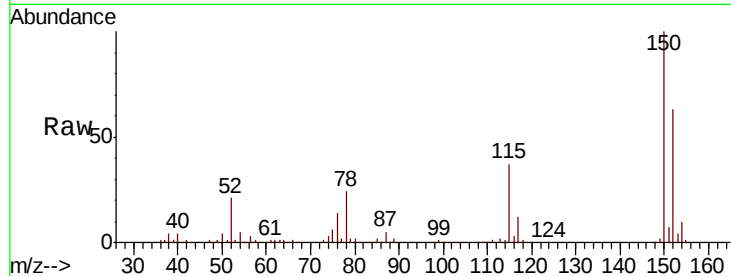


#1

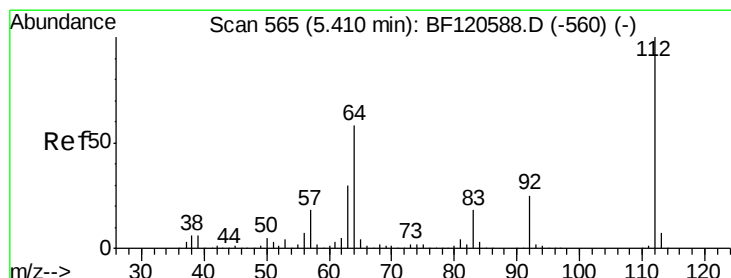
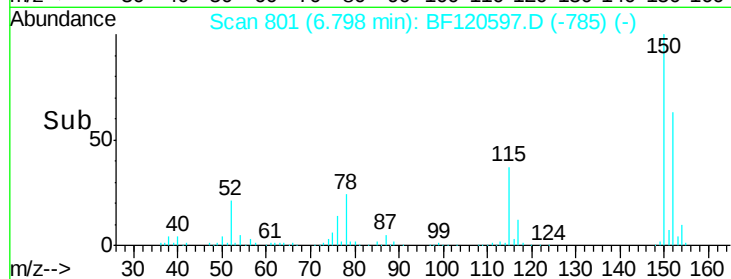
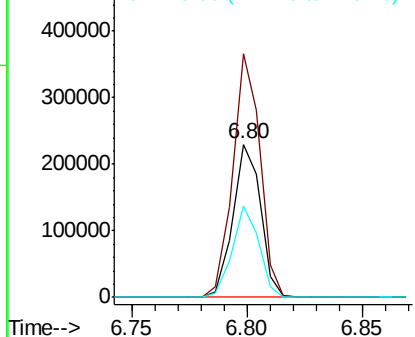
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB129455BL

Tot Ion:152 Resp: 191710
Ion Ratio Lower Upper
152 100
150 159.3 123.2 184.8
115 59.5 43.9 65.9



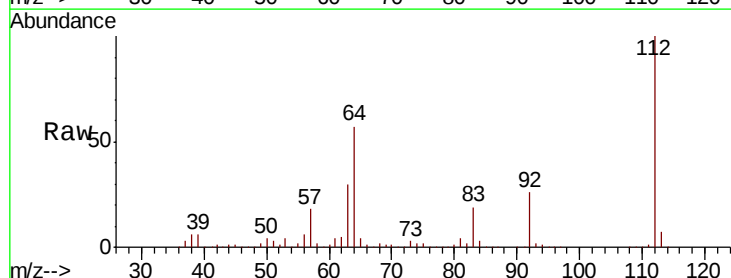
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



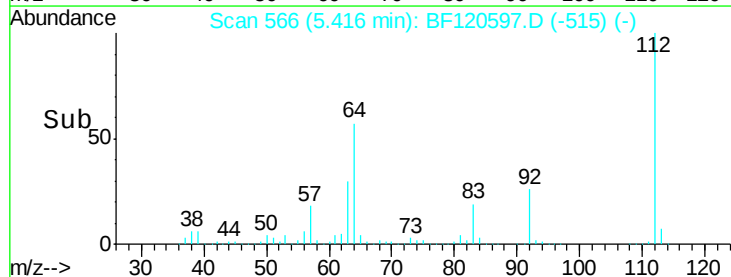
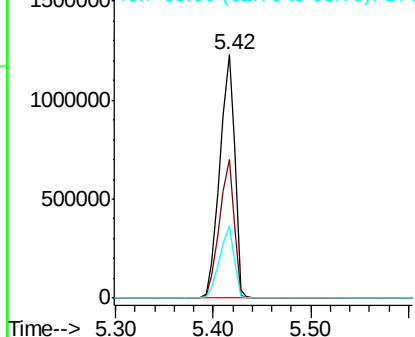
#5

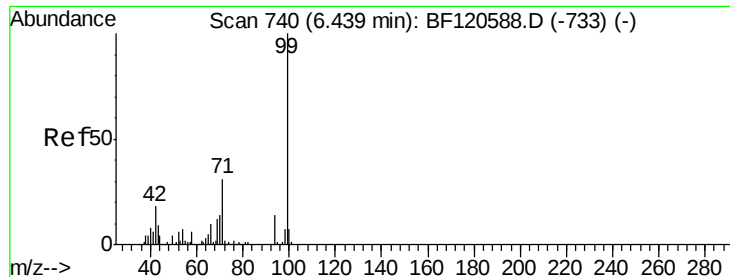
2-Fluorophenol
Concen: 117.713 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Tgt Ion:112 Resp: 1316271
Ion Ratio Lower Upper
112 100
64 57.1 46.1 69.1
63 29.5 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: 119.194 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB129455BL

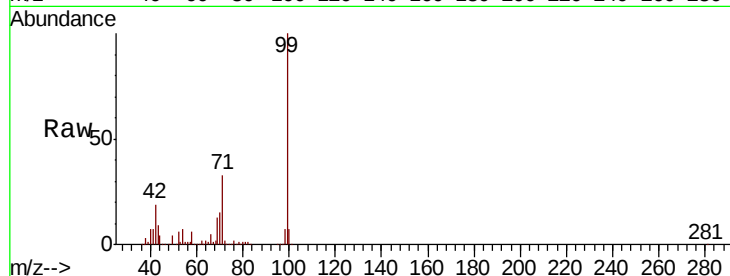
Tot Ion: 99 Resp: 1660037

Ion Ratio Lower Upper

99 100

42 18.8 14.0 21.0

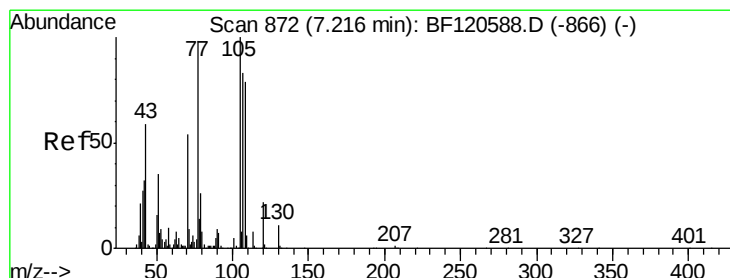
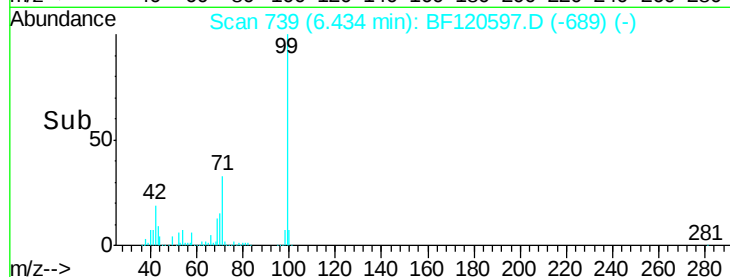
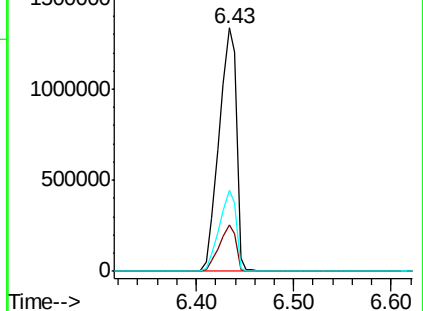
71 33.4 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.071 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Tgt Ion: 70 Resp: 121752

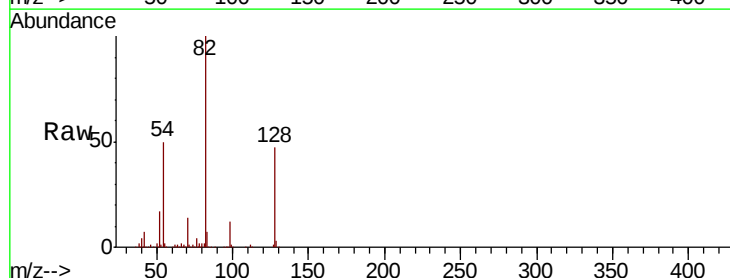
Ion Ratio Lower Upper

70 100

42 48.4 47.7 71.5

101 0.0 7.6 11.4#

130 2.4 16.7 25.1#

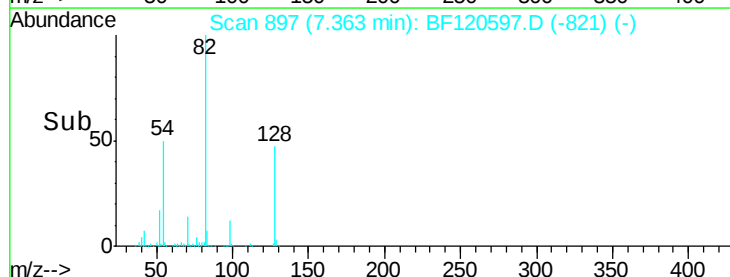
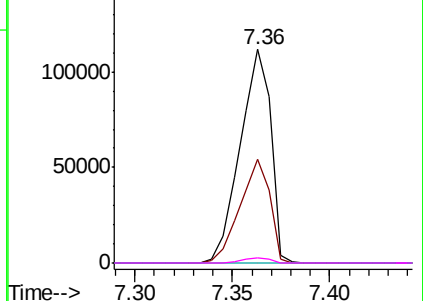


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

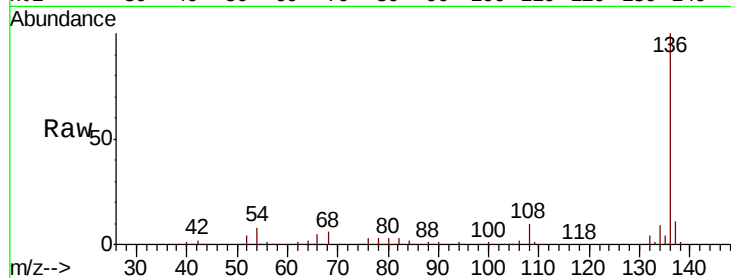




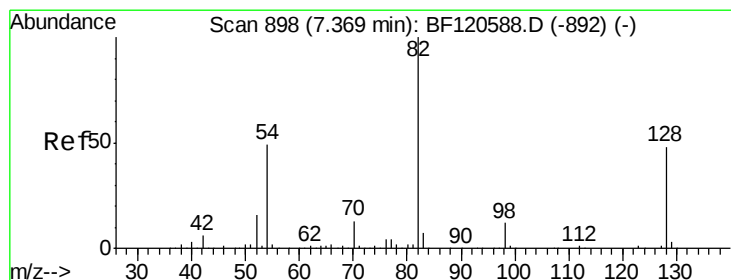
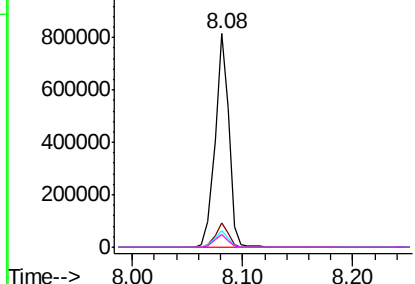
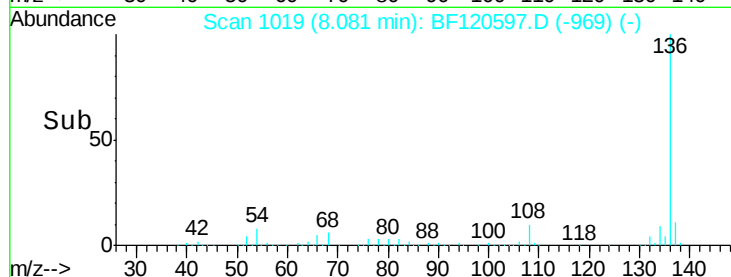
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB129455BL

Tot Ion:136 Resp: 691874
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 7.8 5.8 8.6
68 6.1 4.4 6.6

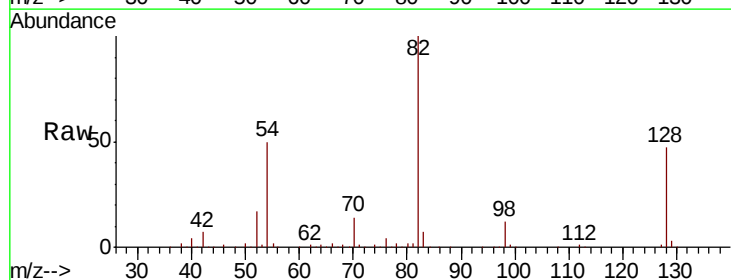


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

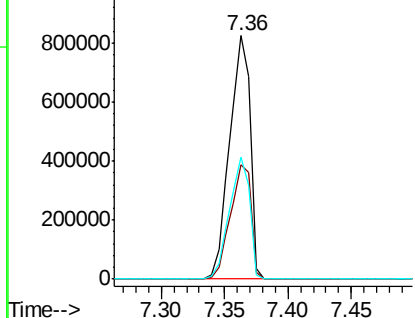
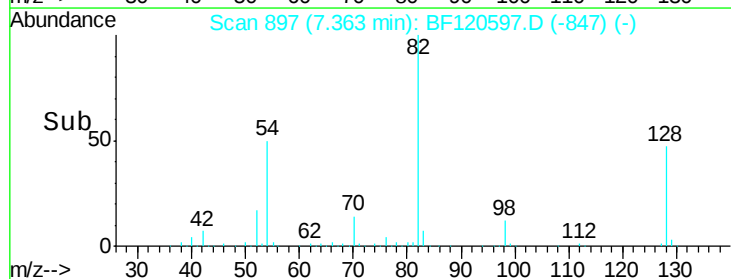


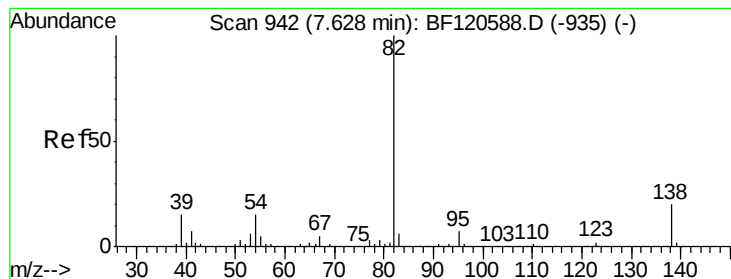
#23
Nitrobenzene-d5
Concen: 74.233 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Tgt Ion: 82 Resp: 918835
Ion Ratio Lower Upper
82 100
128 46.8 38.0 57.0
54 50.3 38.8 58.2



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: 38.098 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB129455BL

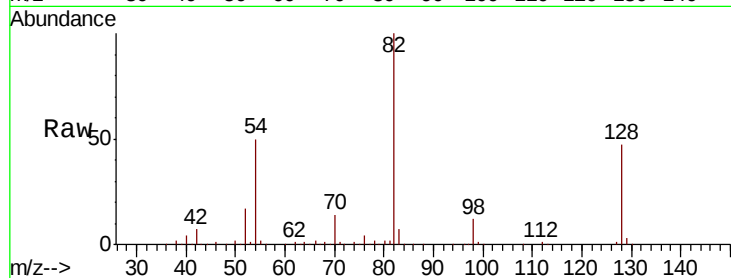
Tot Ion: 82 Resp: 918594

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

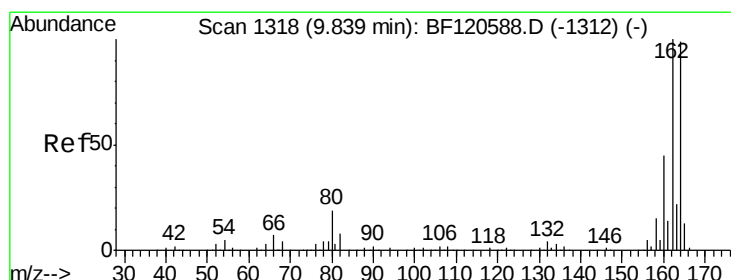
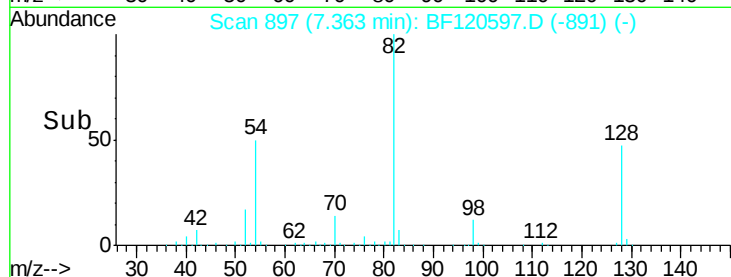
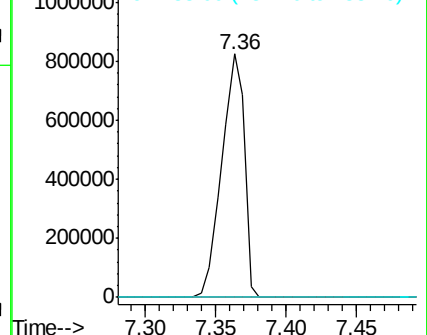
138 0.0 16.2 24.4#



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: BF120597.D

Acq: 11 Jun 2020 10:51

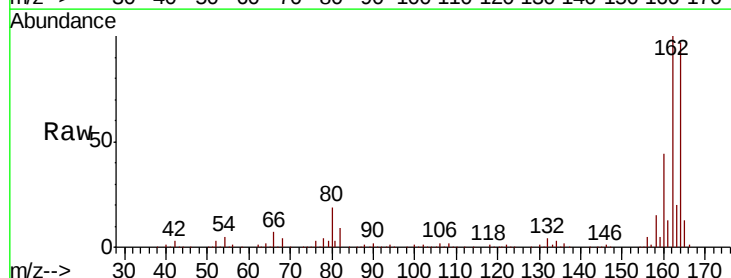
Tgt Ion: 164 Resp: 343053

Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

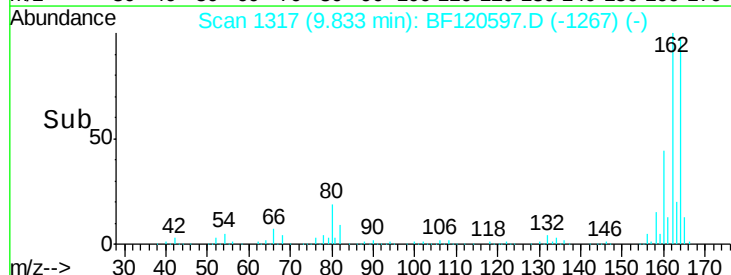
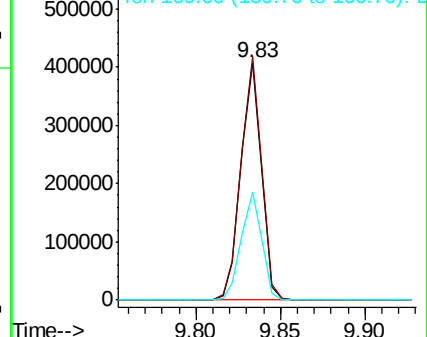
160 45.5 36.2 54.2

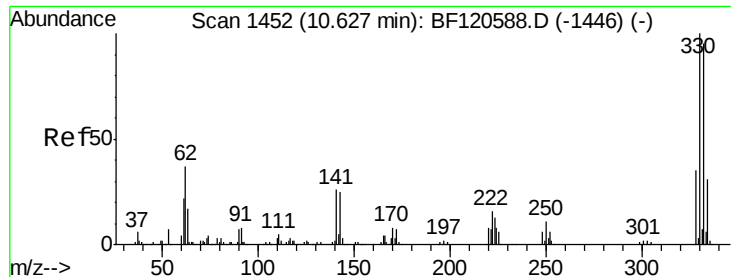


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

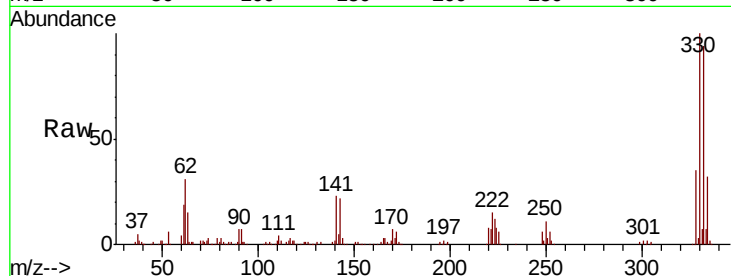




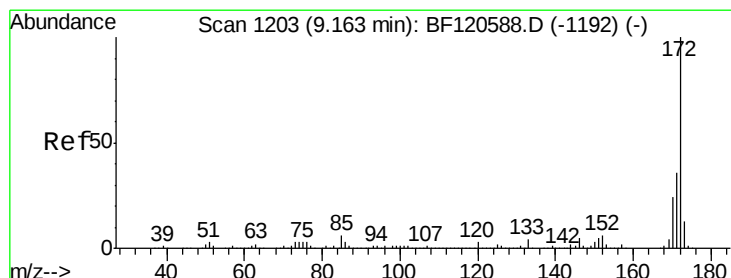
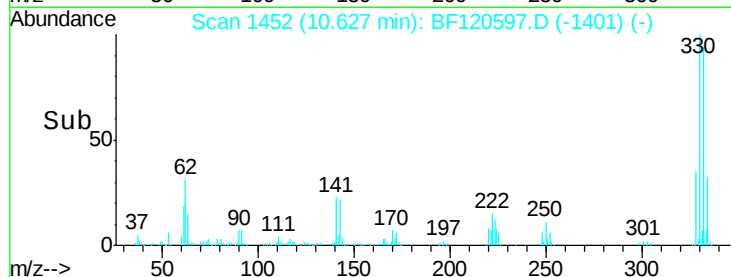
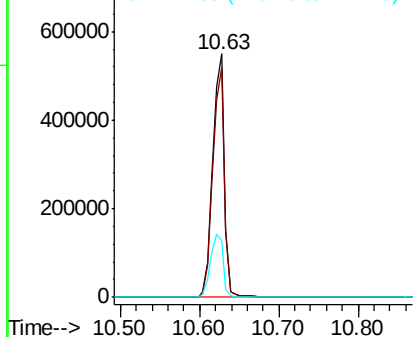
#42
 2,4,6-Tribromophenol
 Concen: 139.444 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	28.4	23.2	34.8

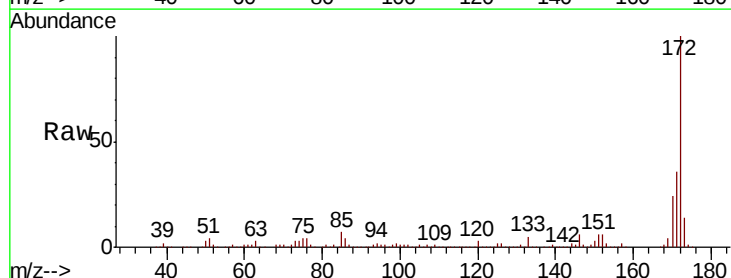


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

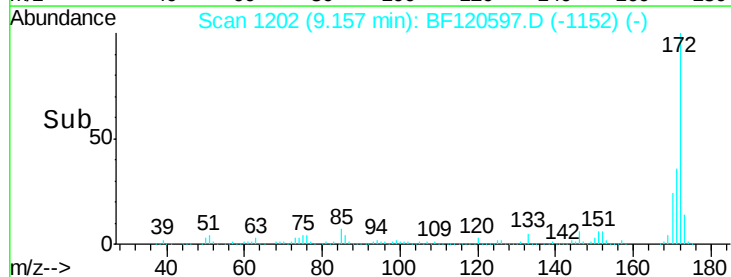
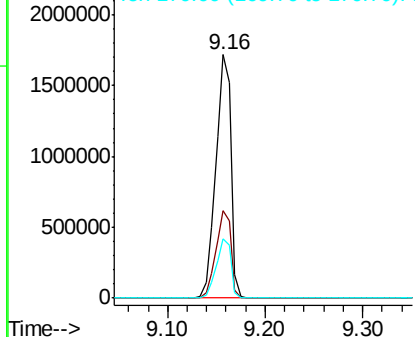


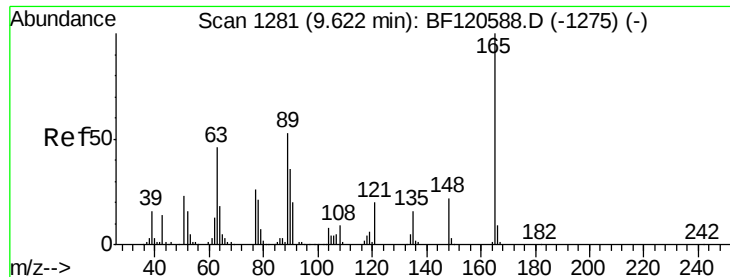
#45
 2-Fluorobiphenyl
 Concen: 81.658 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 7.802 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB129455BL

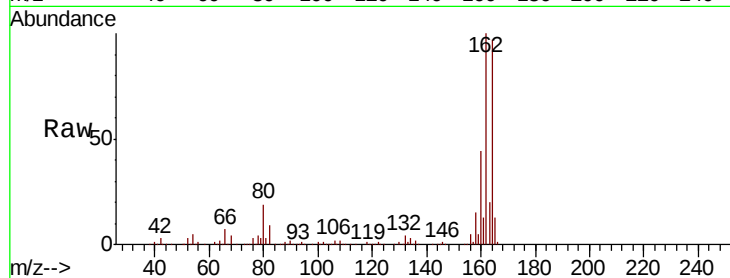
Tot Ion:165 Resp: 43683

Ion Ratio Lower Upper

165 100

63 0.9 41.7 62.5#

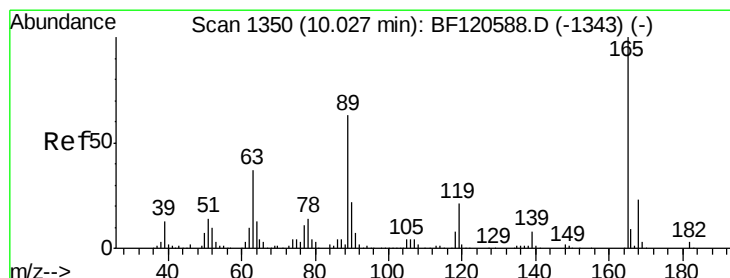
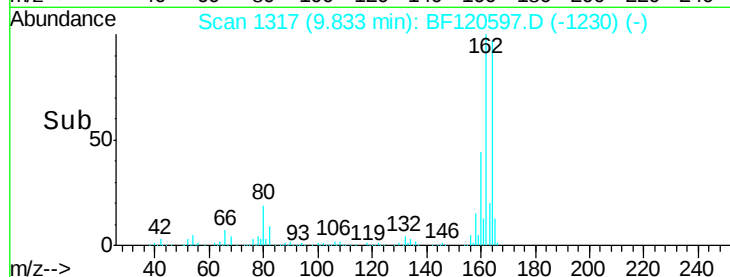
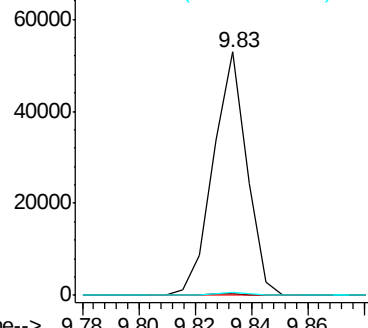
89 1.1 42.6 64.0#



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: 5.879 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Tgt Ion:165 Resp: 43683

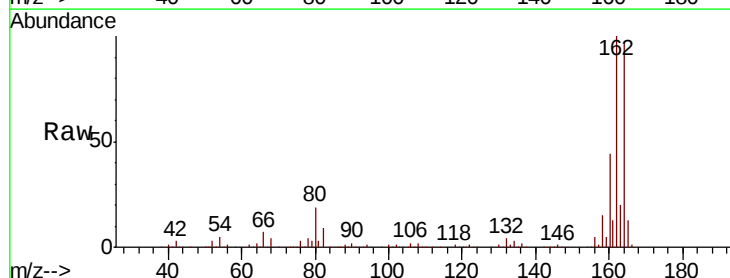
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.8#

89 1.1 50.4 75.6#

182 0.0 2.1 3.1#

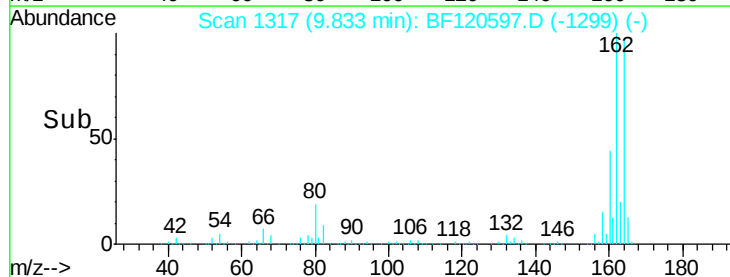
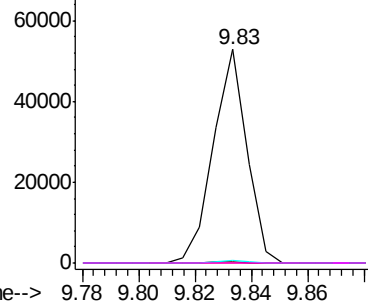


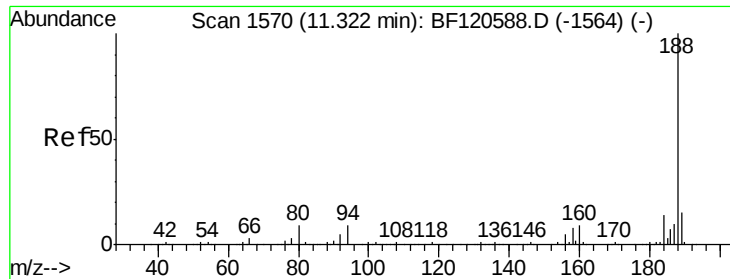
Abundance Ion 165.00 (164.70 to 165.70): E

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

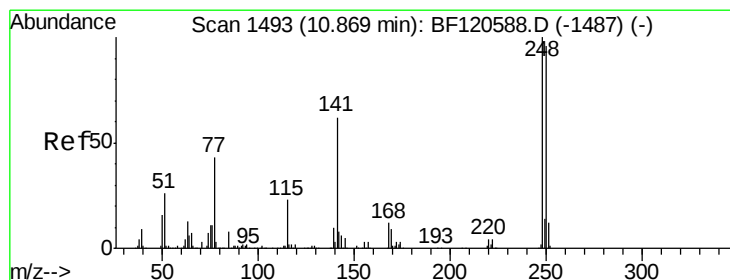
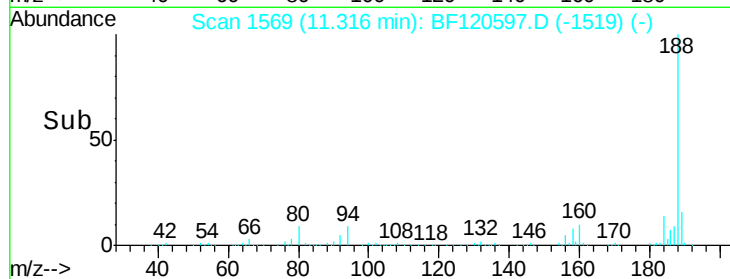
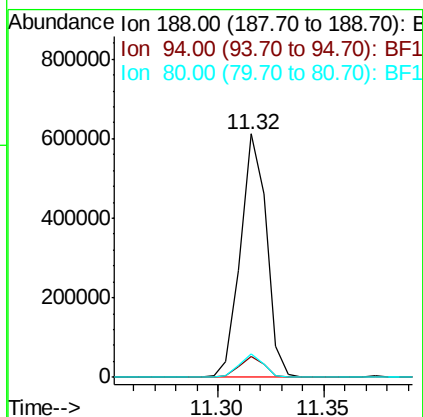
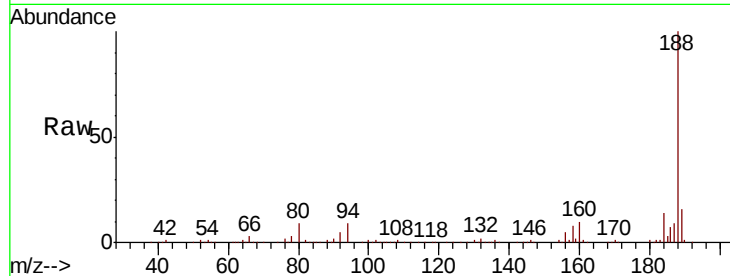




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

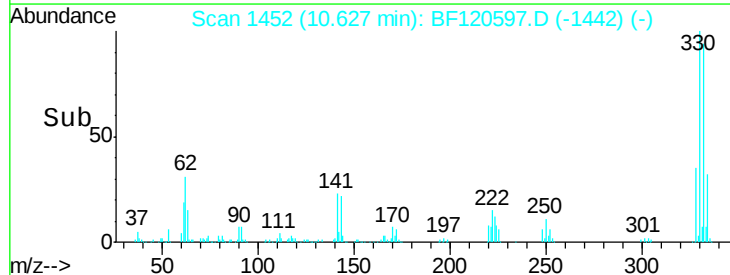
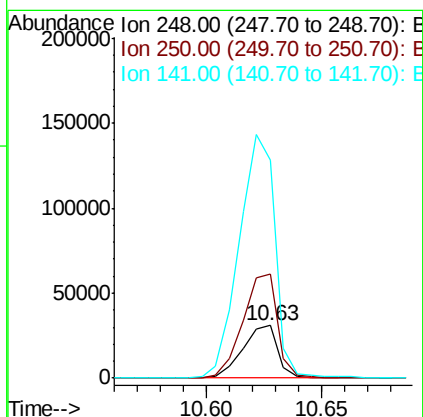
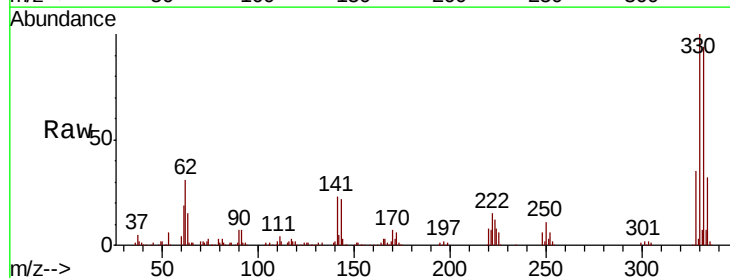
Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

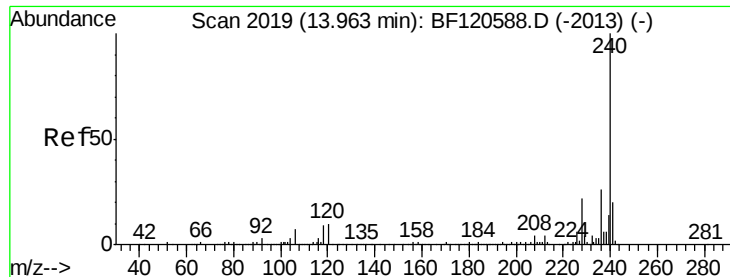
Tot Ion:188 Resp: 521667
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 9.5 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 5.529 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Tgt Ion:248 Resp: 32737
 Ion Ratio Lower Upper
 248 100
 250 196.5 76.7 115.1#
 141 414.4 49.4 74.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB129455BL

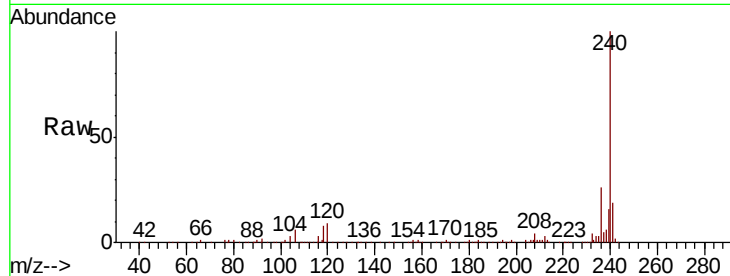
Tot Ion:240 Resp: 470463

Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

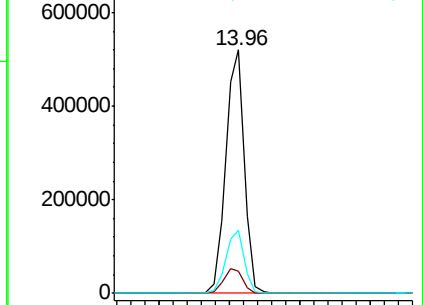
236 25.9 21.0 31.4



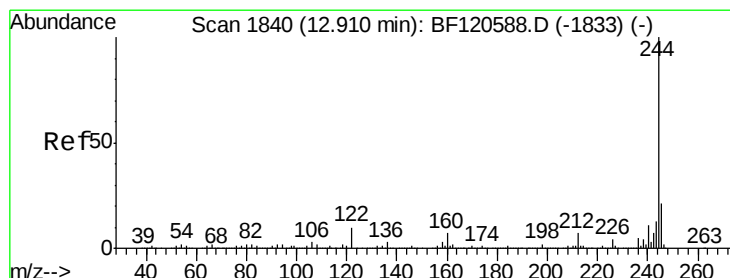
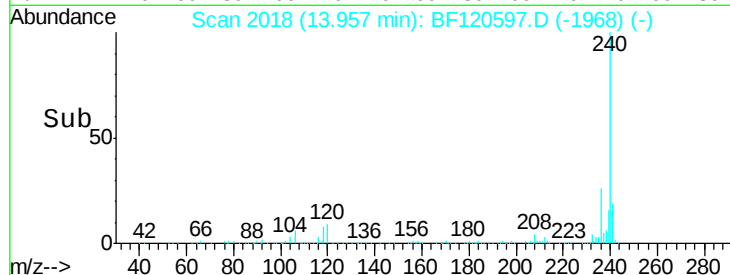
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 89.413 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

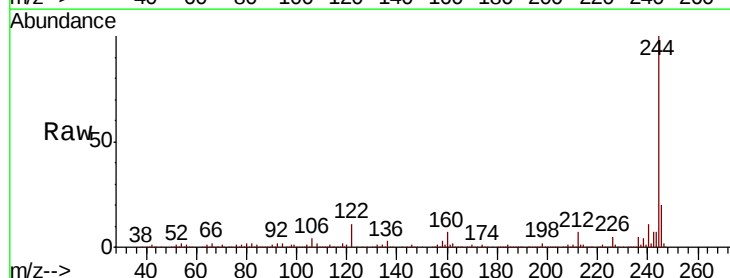
Tgt Ion:244 Resp: 1904371

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

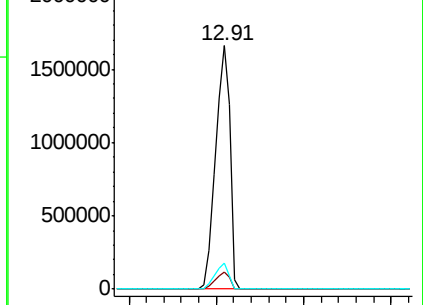
122 10.8 8.3 12.5



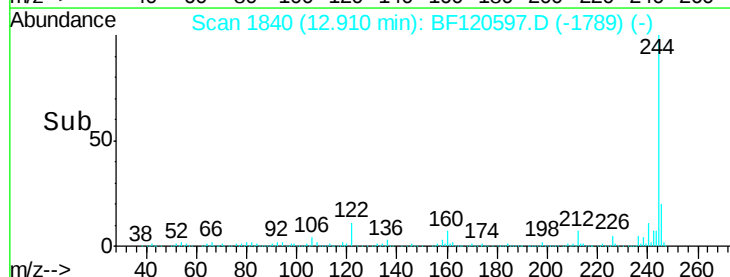
Abundance Ion 244.00 (243.70 to 244.70): E

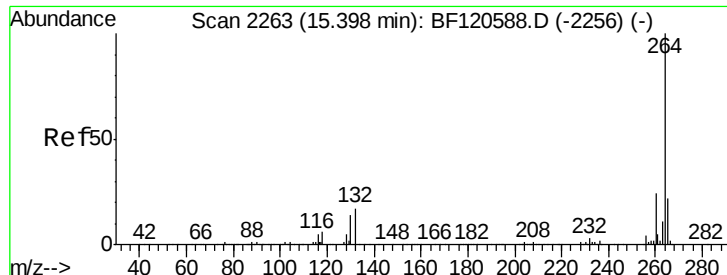
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

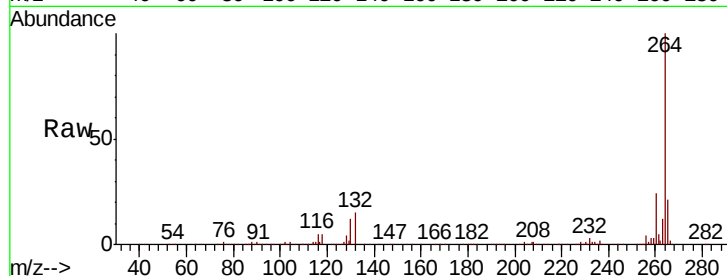




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.4	17.8	26.8



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

