

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120619.D
 Acq On : 15 Jun 2020 14:22
 Operator : JU/CG
 Sample : PB129537BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

Quant Time: Jun 15 15:12:33 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

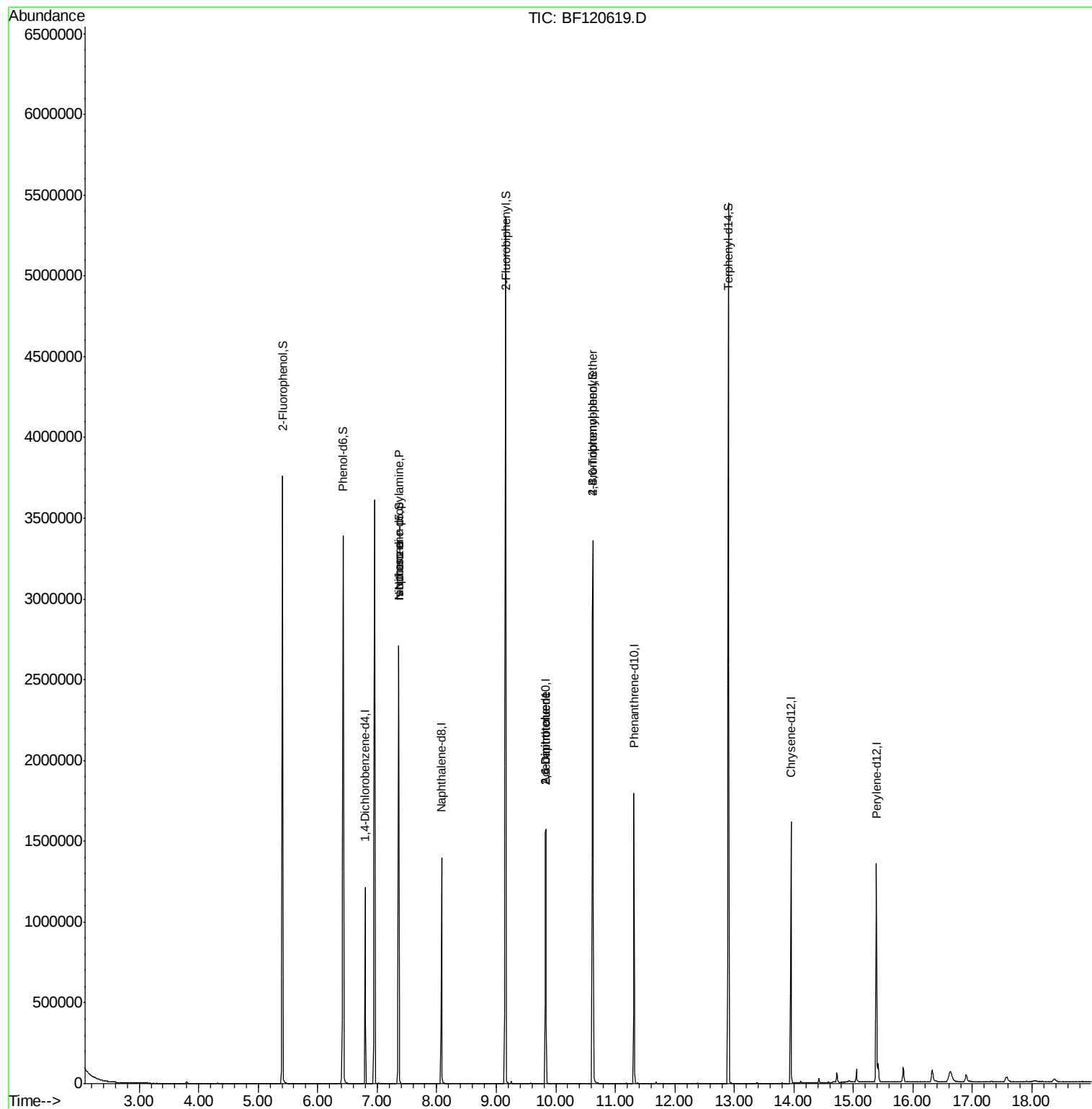
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169297	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	635915	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	336021	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	662654	20.00	ng	0.00
76) Chrysene-d12	13.95	240	573591	20.00	ng	-0.01
86) Perylene-d12	15.39	264	620420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1156427	117.11	ng	0.00
7) Phenol-d6	6.43	99	1460274	118.73	ng	-0.01
23) Nitrobenzene-d5	7.36	82	939147	82.55	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	475628	121.75	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1727600	78.66	ng	0.00
79) Terphenyl-d14	12.90	244	2164496	83.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	123571	17.321	ng	# 76
25) Isophorone	7.36	82	935300	42.205	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	42954	7.832	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	42954	5.902	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	28911	3.844	ng	# 1

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

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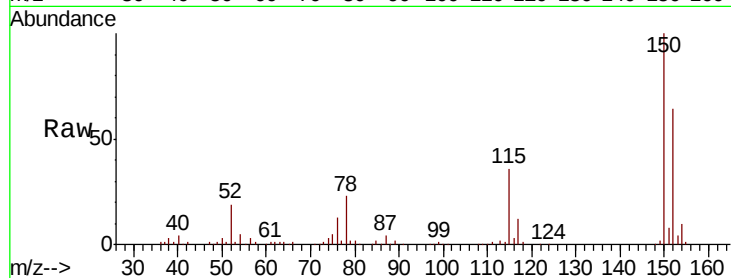


#1

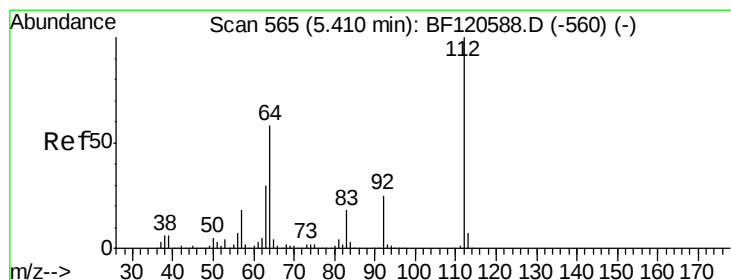
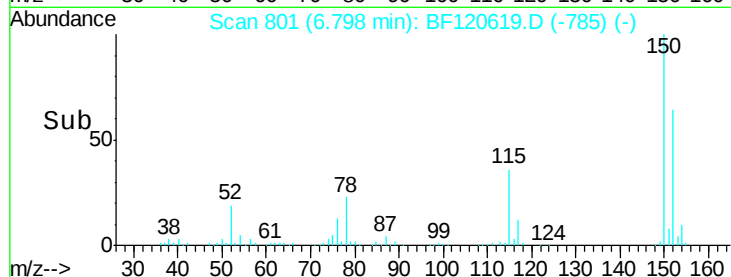
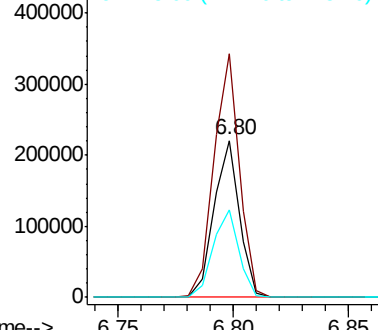
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.2	184.8
115	56.2	43.9	65.9



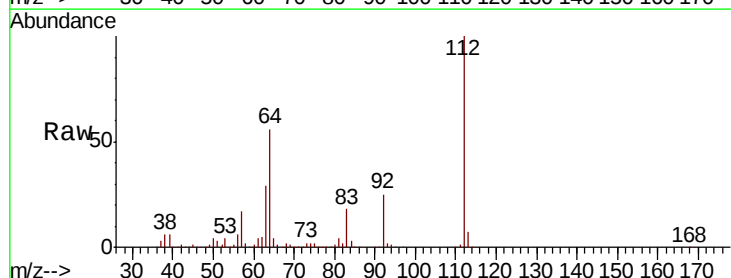
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



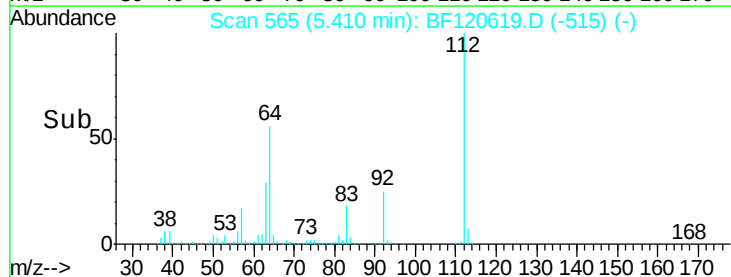
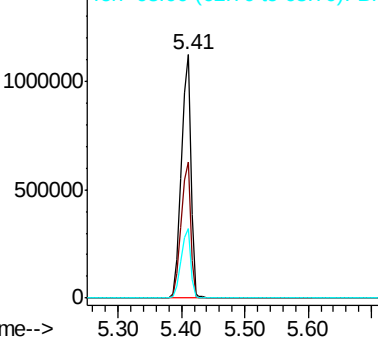
#5

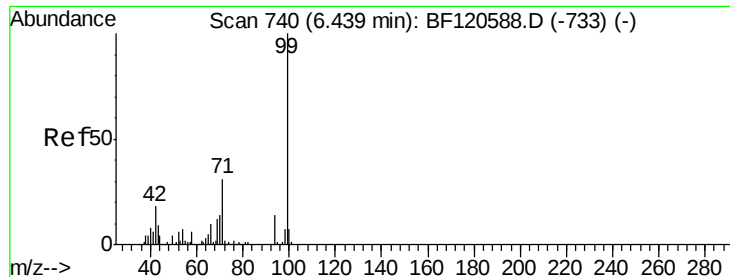
2-Fluorophenol
 Concen: 117.110 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	28.6	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: 118.732 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Instrument :

BNA_F

ClientSampleId :

PB129537BL

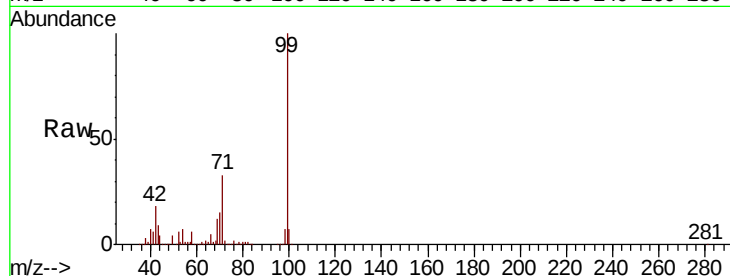
Tot Ion: 99 Resp: 1460274

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

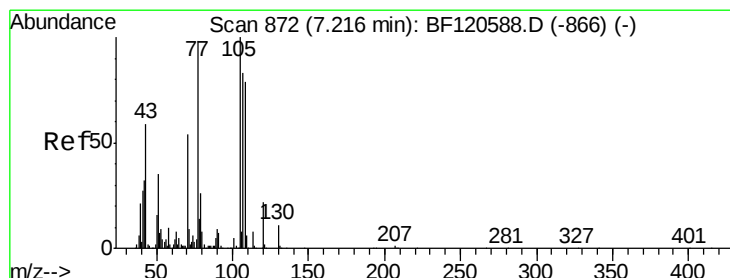
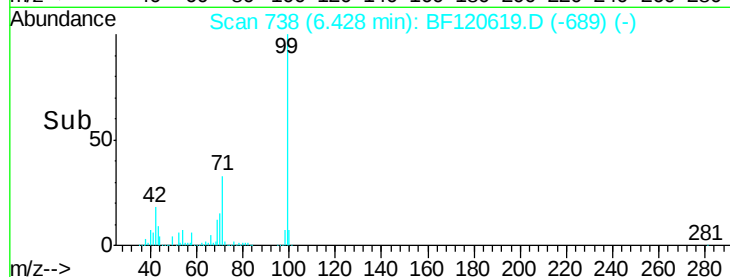
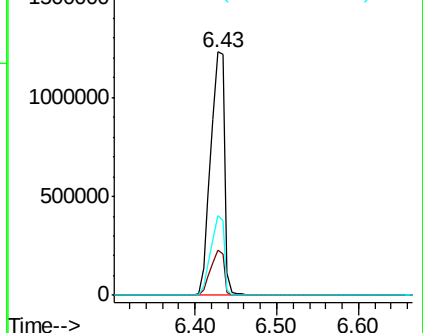
71 32.6 24.9 37.3



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: 17.321 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Tgt Ion: 70 Resp: 123571

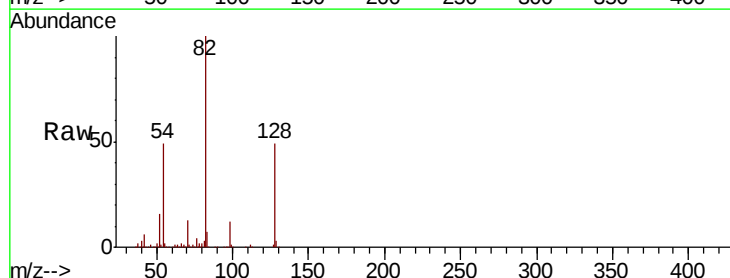
Ion Ratio Lower Upper

70 100

42 45.9 47.7 71.5#

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#

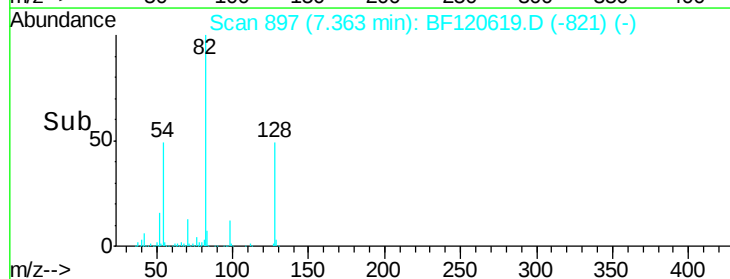
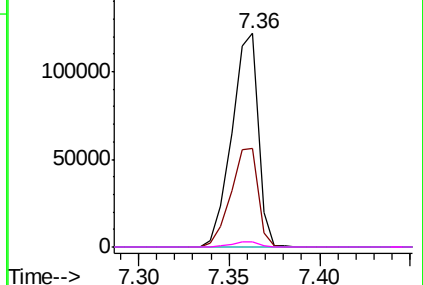


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

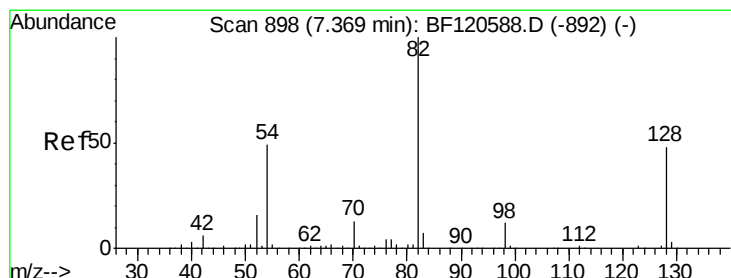
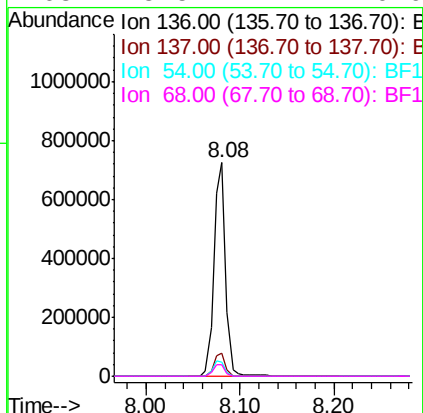
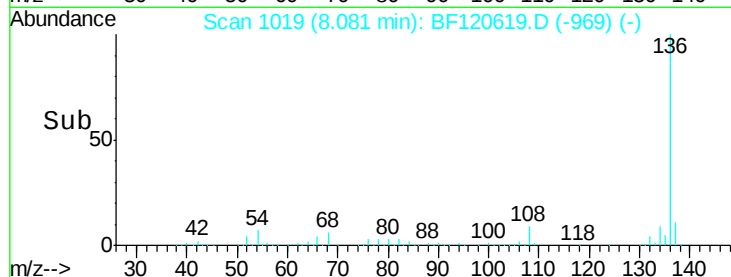
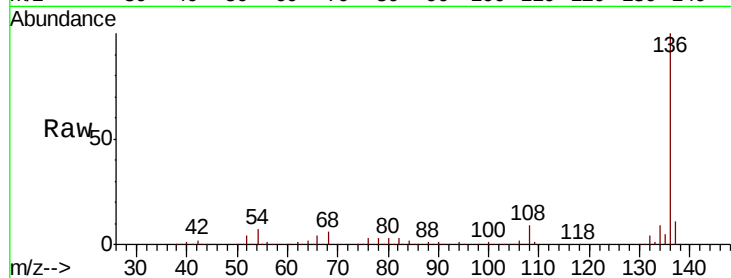




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120619.D
Acq: 15 Jun 2020 14:22

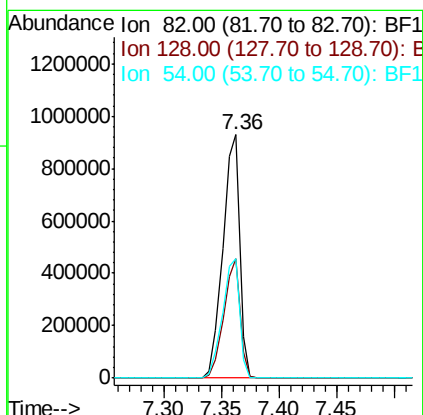
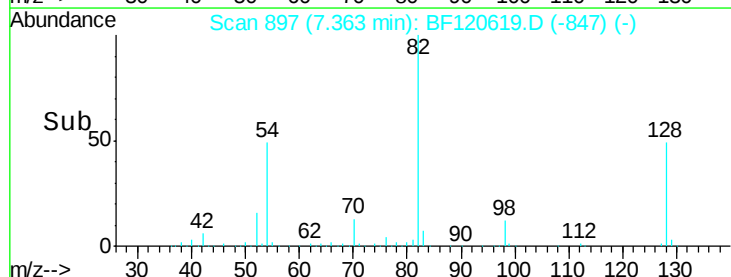
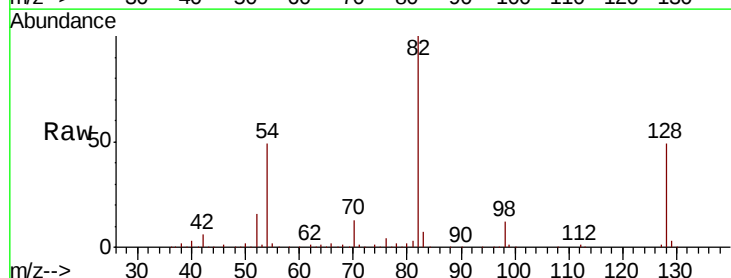
Instrument :
BNA_F
ClientSampleId :
PB129537BL

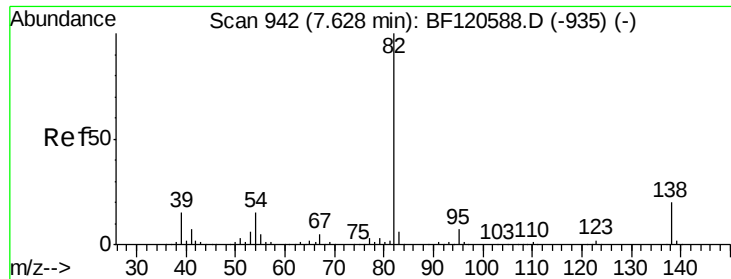
Tot Ion:136	Resp:	635915	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	13.0	
54 6.8	5.8	8.6	
68 5.5	4.4	6.6	



#23
Nitrobenzene-d5
Concen: 82.551 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120619.D
Acq: 15 Jun 2020 14:22

Tgt	Ion: 82	Resp:	939147
Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.0	57.0
54	48.9	38.8	58.2





#25

Isophorone

Concen: 42.205 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Instrument :

BNA_F

ClientSampleId :

PB129537BL

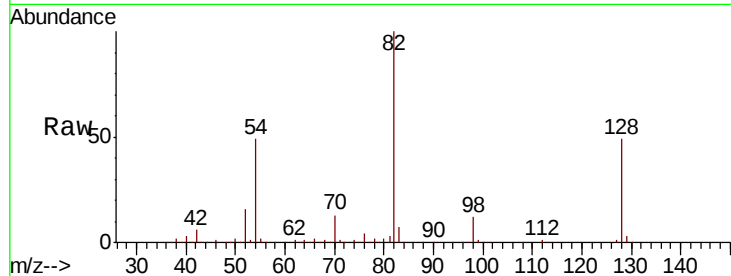
Tot Ion: 82 Resp: 935300

Ion Ratio Lower Upper

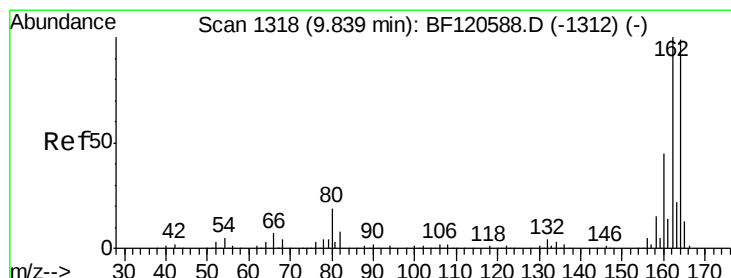
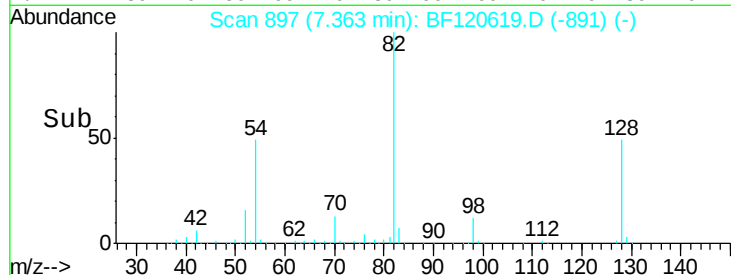
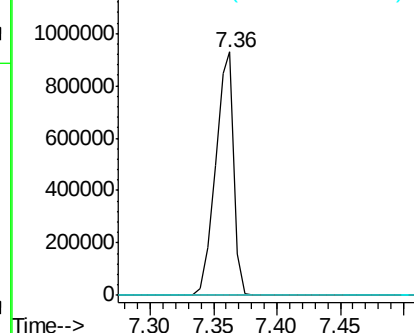
82 100

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: BF120619.D

Acq: 15 Jun 2020 14:22

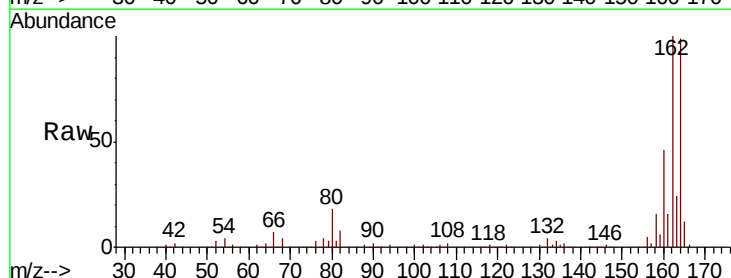
Tgt Ion: 164 Resp: 336021

Ion Ratio Lower Upper

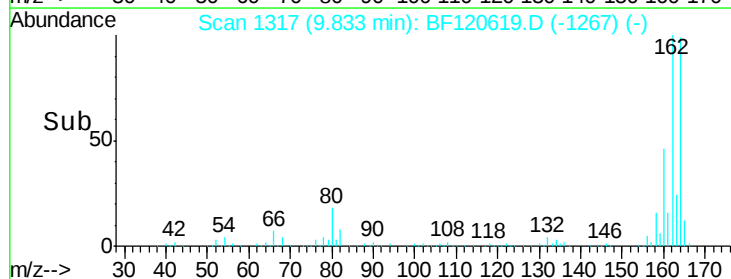
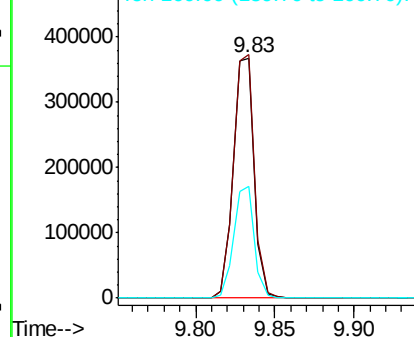
164 100

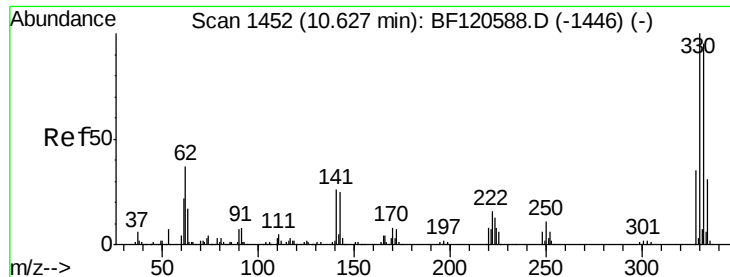
162 101.4 80.6 120.8

160 46.4 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

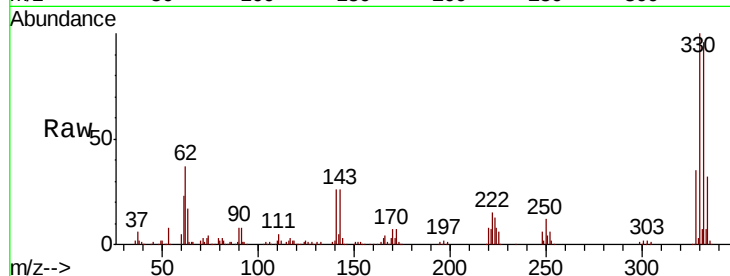




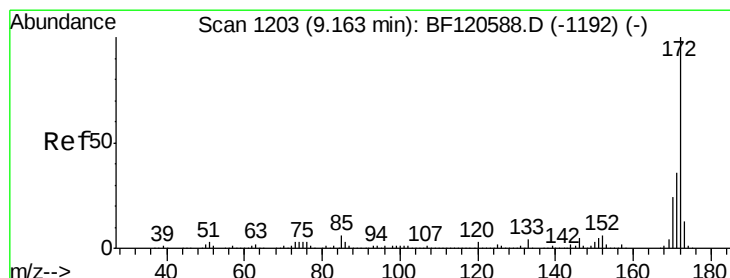
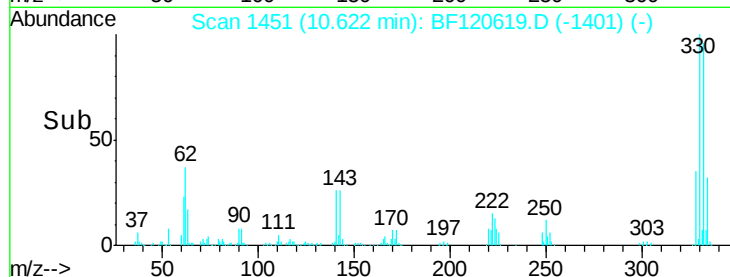
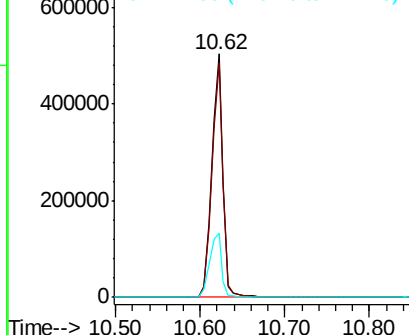
#42
 2,4,6-Tribromophenol
 Concen: 121.746 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	28.5	23.2	34.8

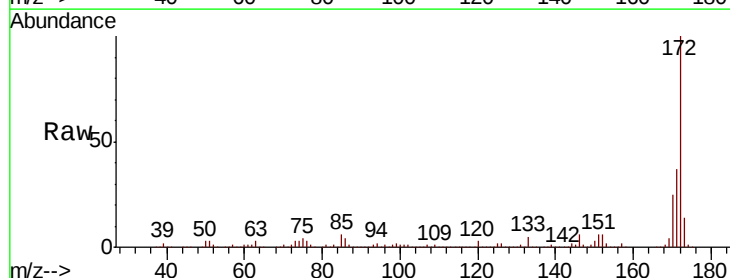


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

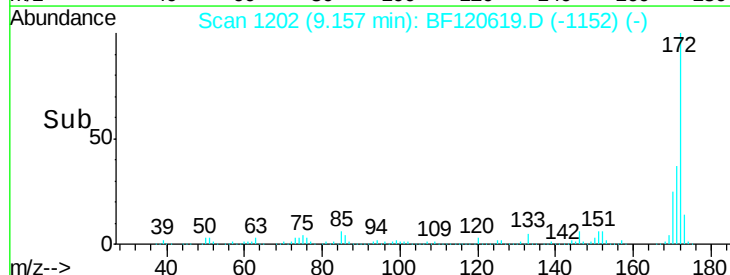
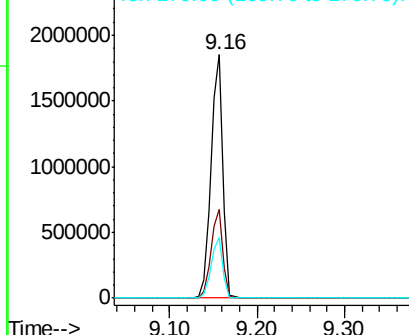


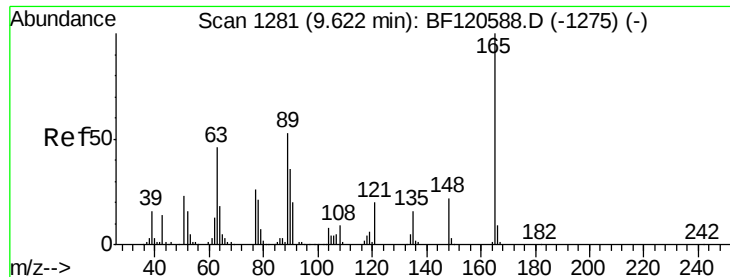
#45
 2-Fluorobiphenyl
 Concen: 78.662 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.6	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

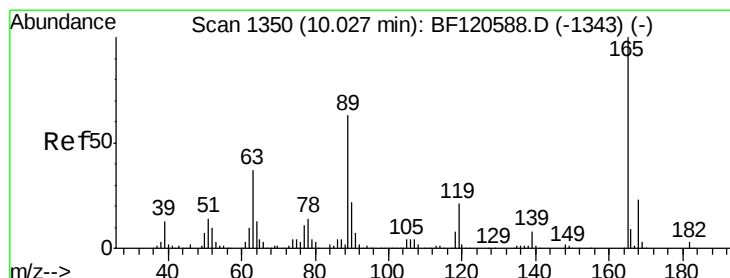
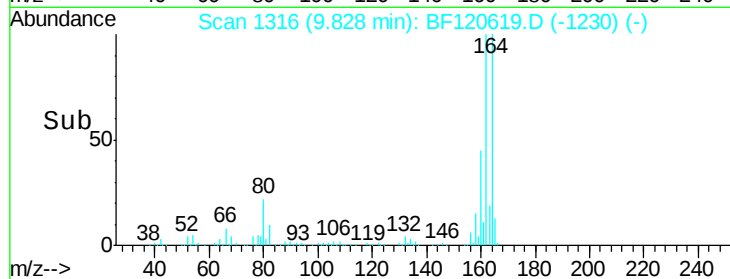
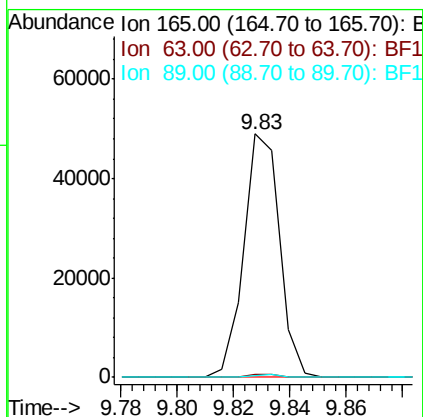
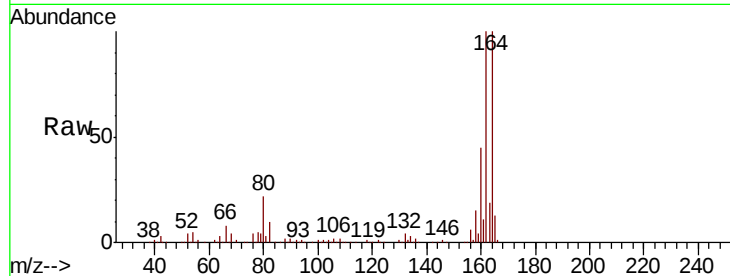




#51
 2,6-Dinitrotoluene
 Concen: 7.832 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

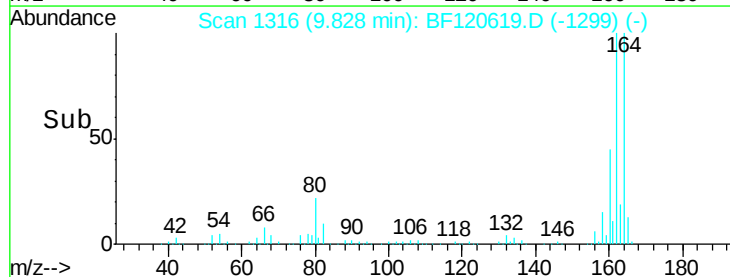
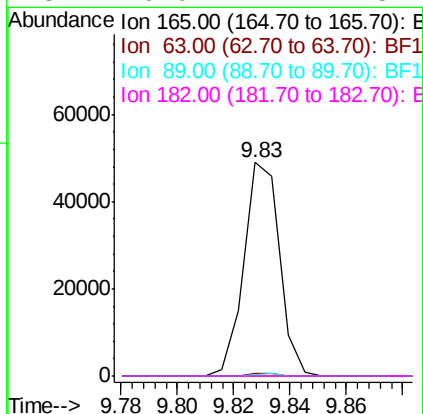
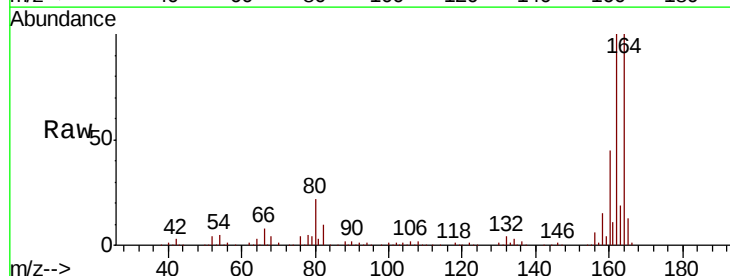
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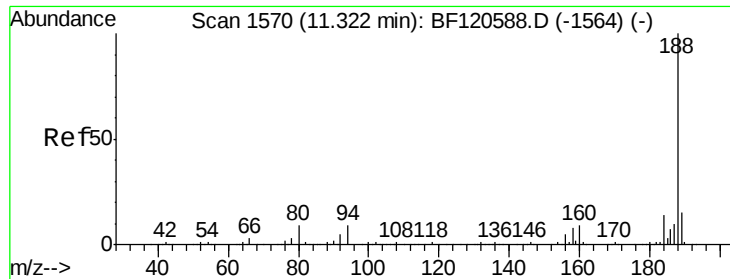
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	0.9	42.6	64.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.902 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.20 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	0.9	50.4	75.6#
182	0.0	2.1	3.1#

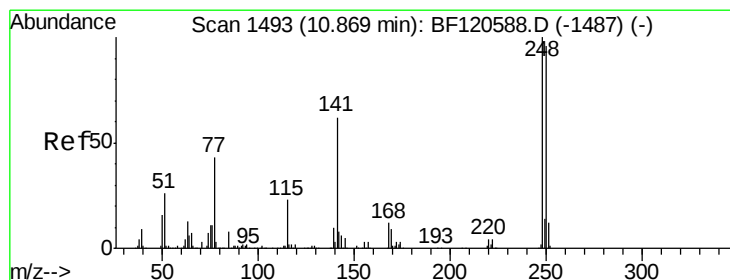
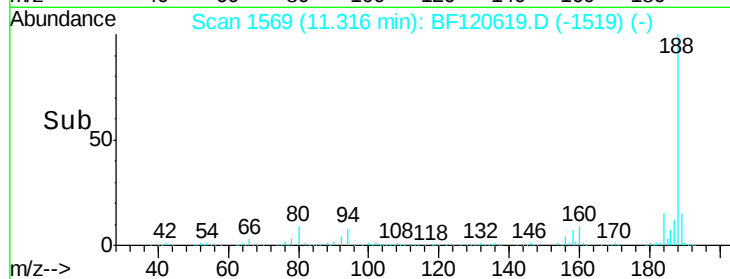
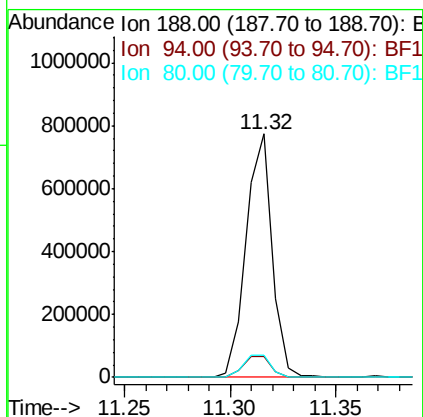
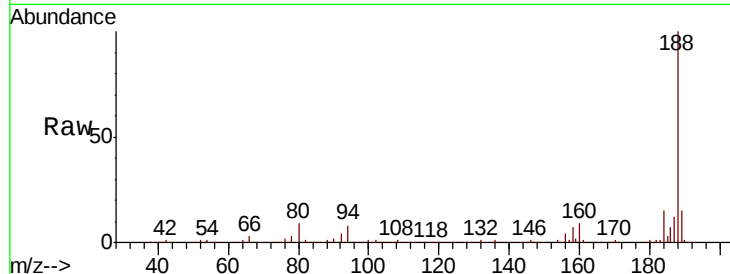




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

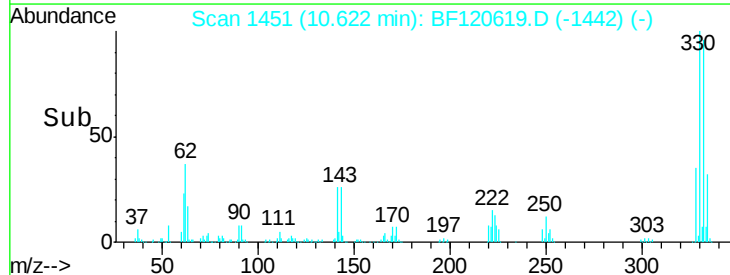
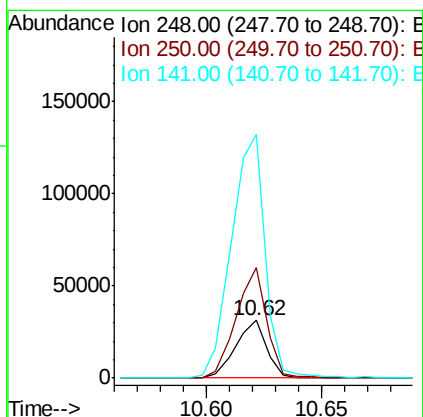
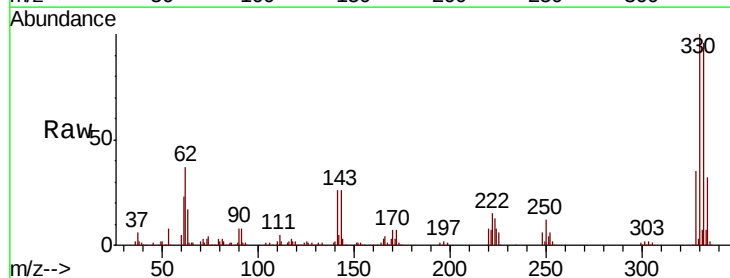
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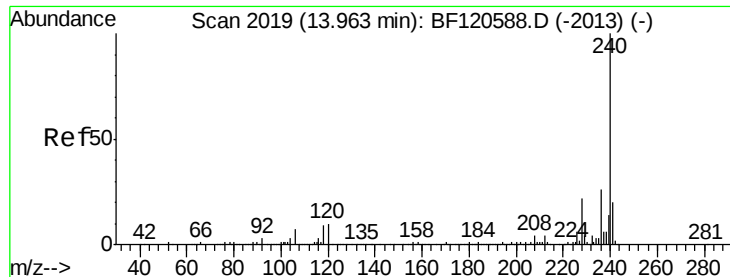
Tot Ion:188 Resp: 662654
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.2 10.8
 80 8.9 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.844 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion:248 Resp: 28911
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.7 115.1#
 141 423.7 49.4 74.0#

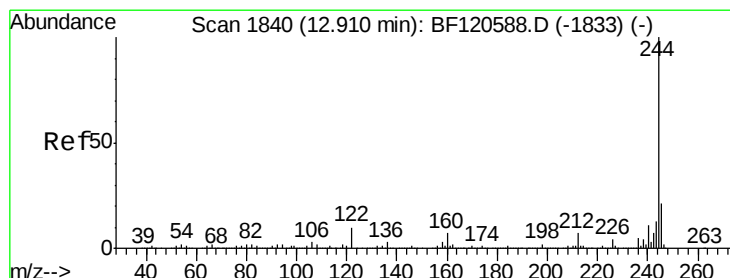
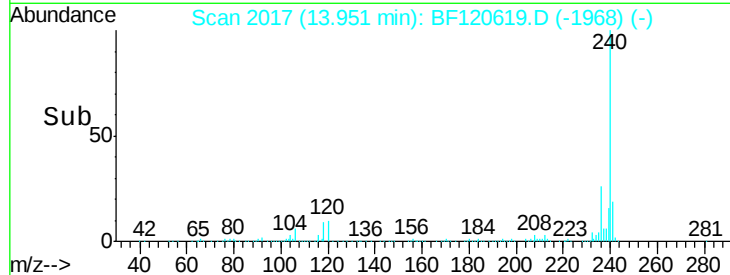
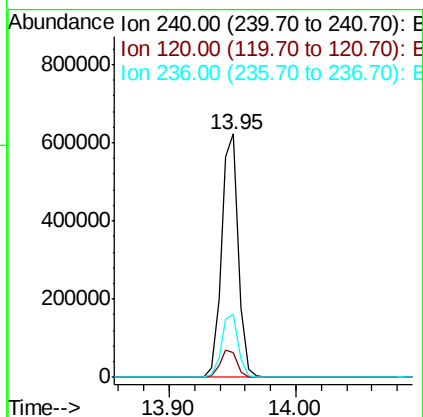
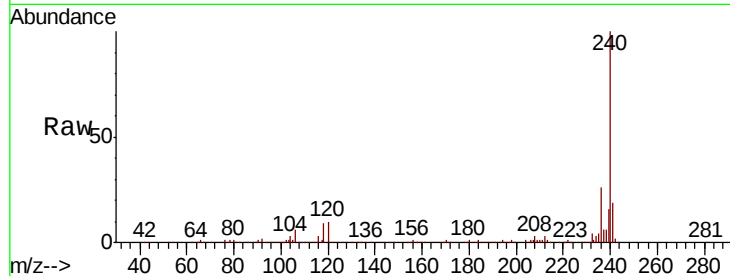




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

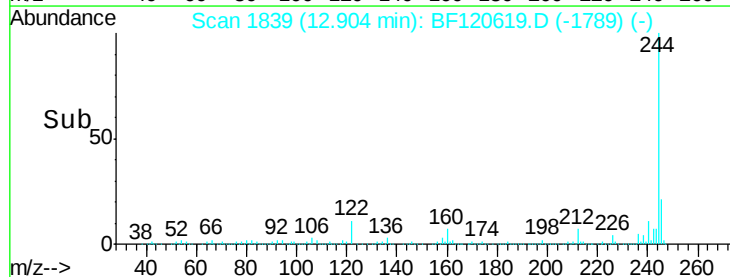
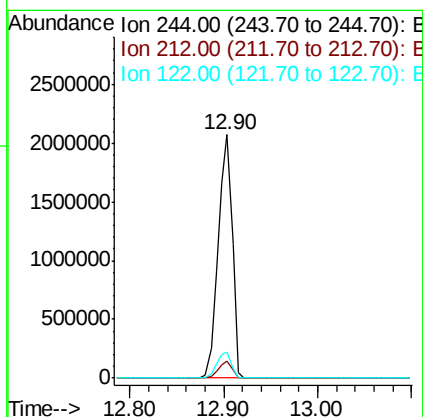
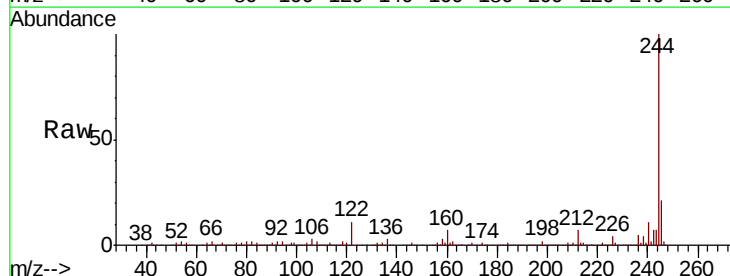
Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

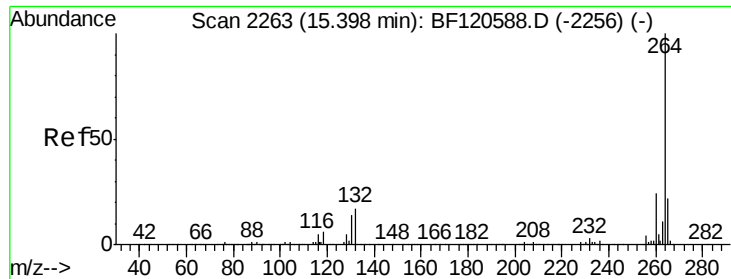
Tot Ion:240 Resp: 573591
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.3 12.5
 236 26.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 83.354 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion:244 Resp: 2164496
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.6 8.3 12.5

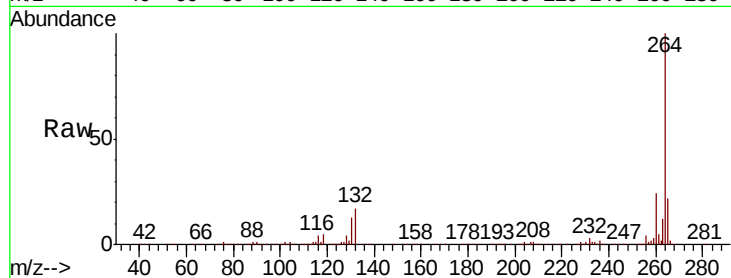




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120619.D
Acq: 15 Jun 2020 14:22

Instrument :
BNA_F
ClientSampleId :
PB129537BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.7	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

