

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120715.D
 Acq On : 26 Jun 2020 18:11
 Operator : JU/CG
 Sample : L2815-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-062420

Quant Time: Jun 26 18:51:27 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

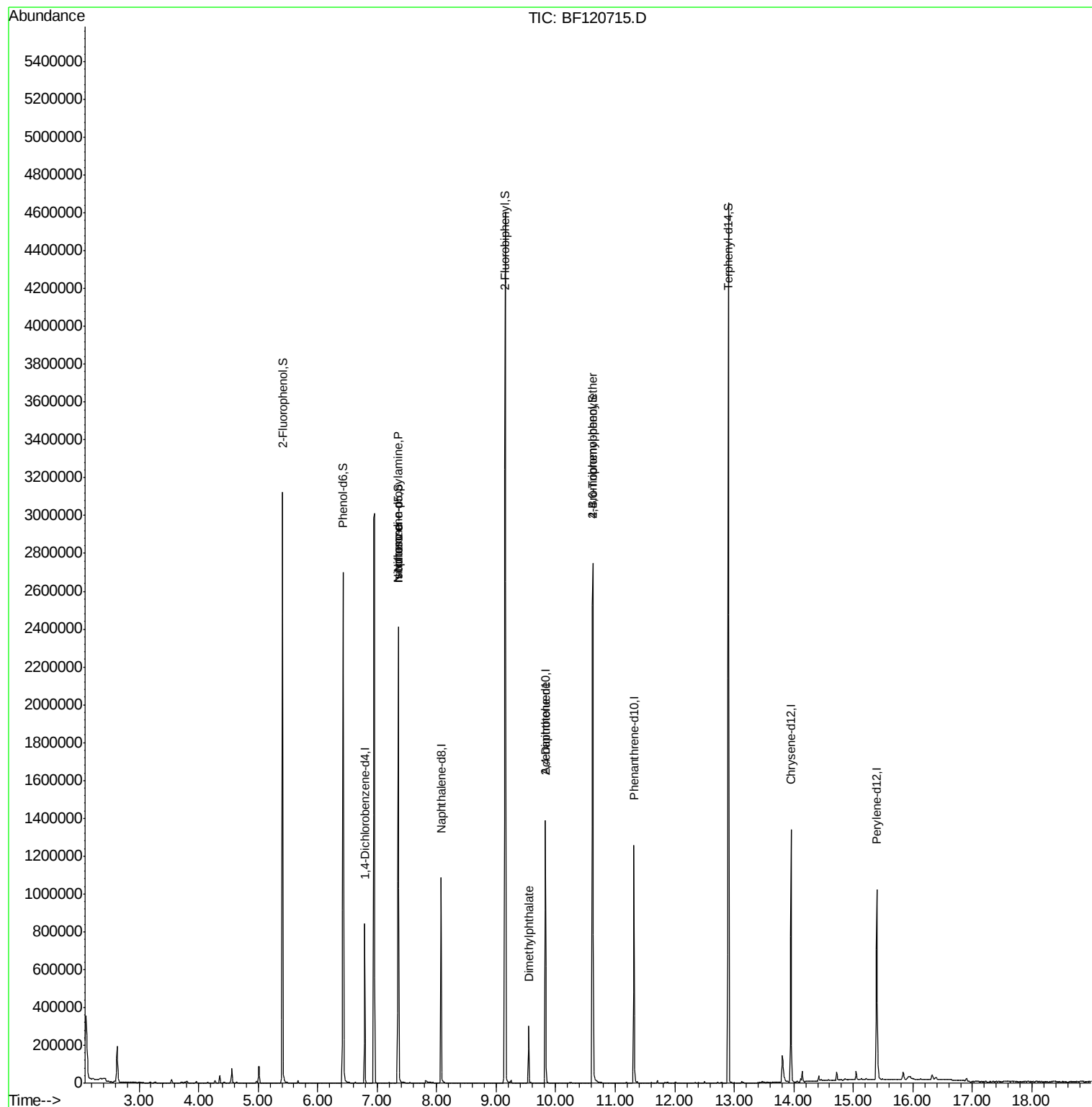
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136371	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	514404	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	270668	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	533193	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	464126	20.00	ng	-0.01
86) Perylene-d12	15.39	264	473229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	941741	118.40	ng	0.00
7) Phenol-d6	6.43	99	1071089	108.12	ng	-0.01
23) Nitrobenzene-d5	7.36	82	834515	90.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	423382	134.54	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1563323	88.37	ng	-0.01
79) Terphenyl-d14	12.90	244	1921479	91.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	109026	18.972	ng	# 77
25) Isophorone	7.36	82	829542	46.274	ng	# 62
50) Dimethylphthalate	9.55	163	123134	6.317	ng	99
57) 2,4-Dinitrotoluene	9.83	165	33418	5.701	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	23781	3.930	ng	# 1

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

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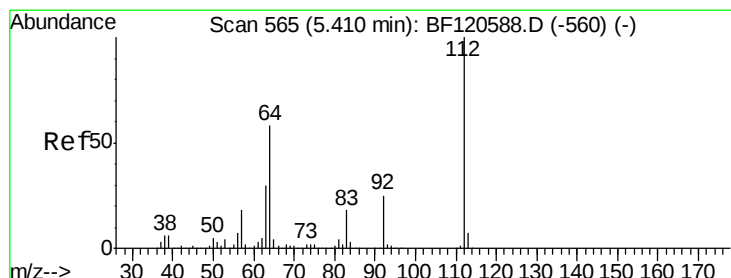
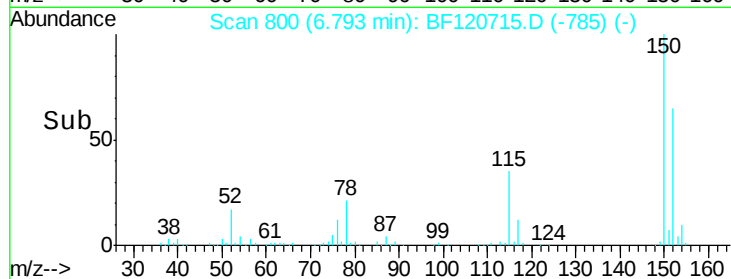
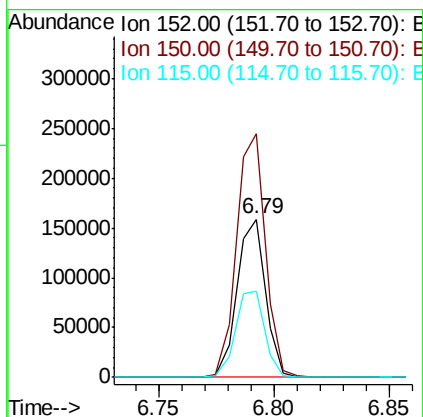
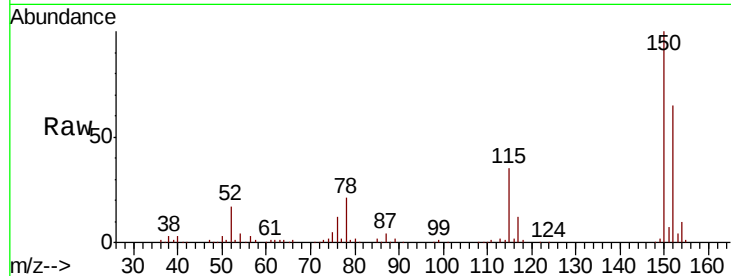




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120715.D
 Acq: 26 Jun 2020 18:11

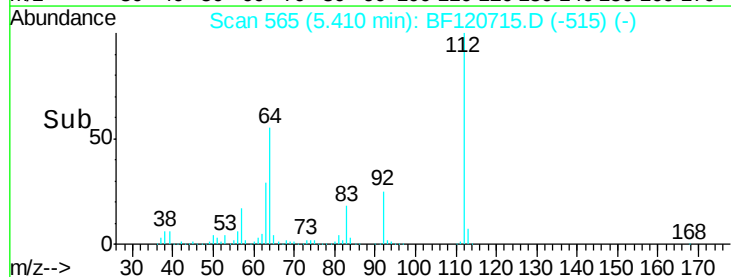
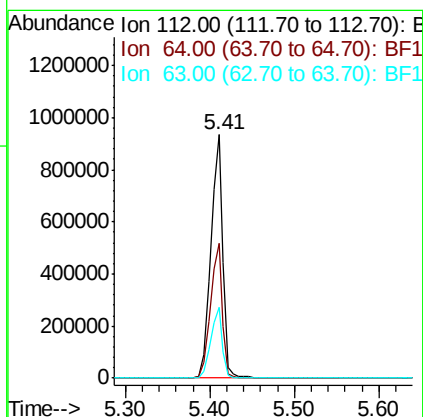
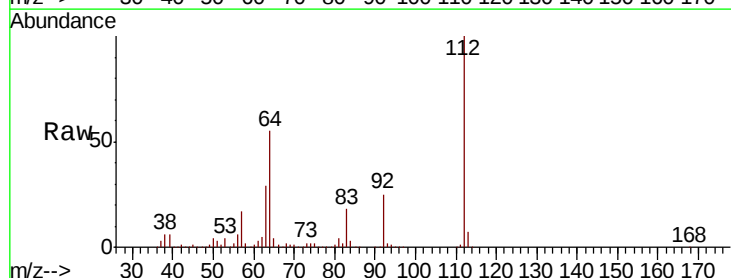
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-062420

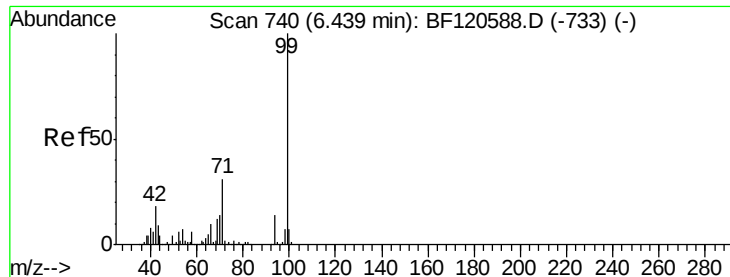
Tot Ion:152 Resp: 136371
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.2 184.8
 115 54.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 118.395 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120715.D
 Acq: 26 Jun 2020 18:11

Tgt Ion:112 Resp: 941741
 Ion Ratio Lower Upper
 112 100
 64 55.4 46.1 69.1
 63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 108.115 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120715.D

Acq: 26 Jun 2020 18:11

Instrument :

BNA_F

ClientSampleId :

OR-02-062420

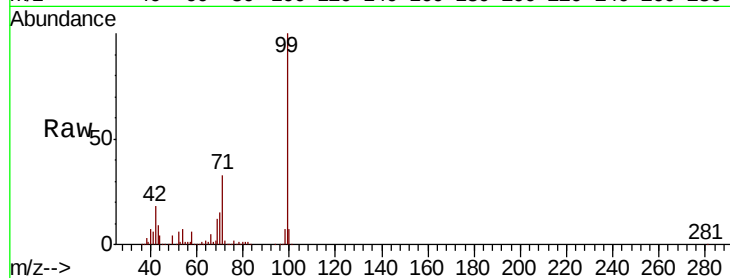
Tot Ion: 99 Resp: 1071089

Ion Ratio Lower Upper

99 100

42 18.1 14.0 21.0

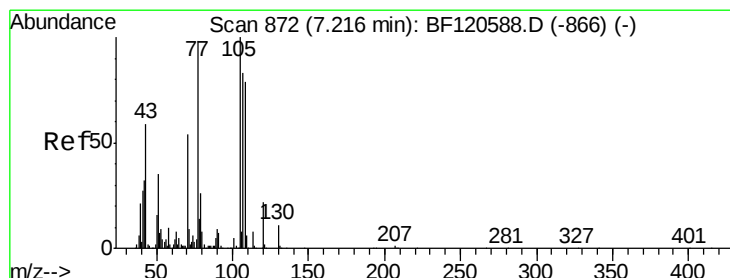
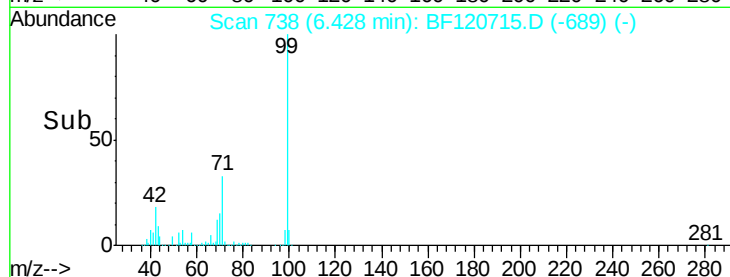
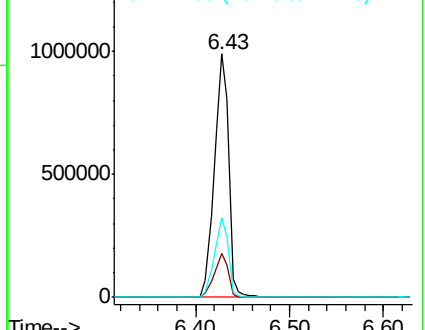
71 32.8 24.9 37.3



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: 18.972 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120715.D

Acq: 26 Jun 2020 18:11

Tgt Ion: 70 Resp: 109026

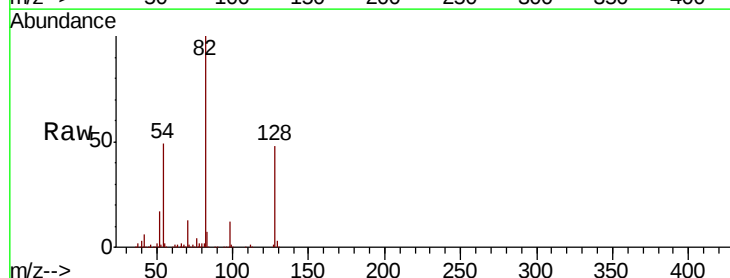
Ion Ratio Lower Upper

70 100

42 46.6 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

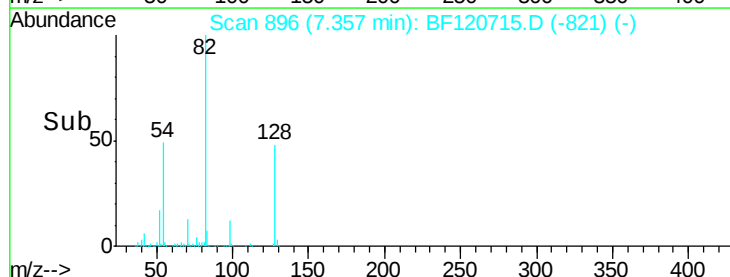
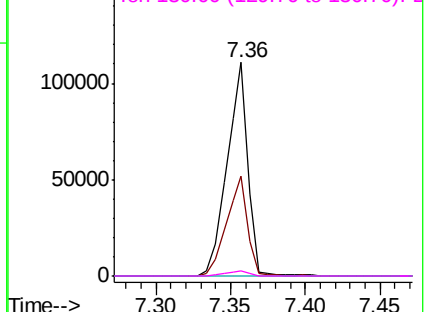


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

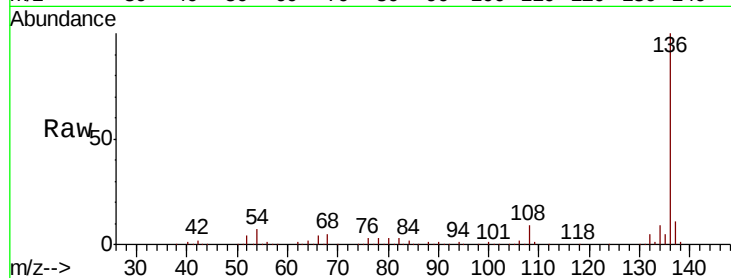




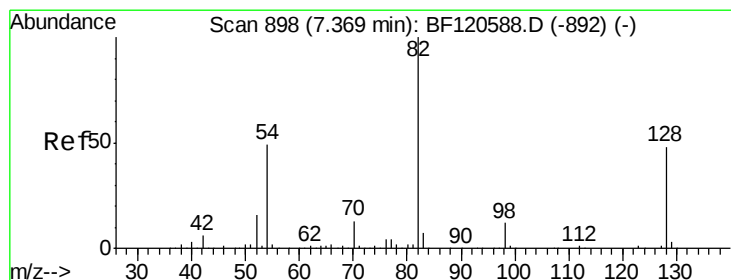
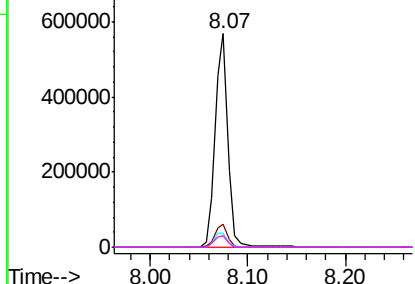
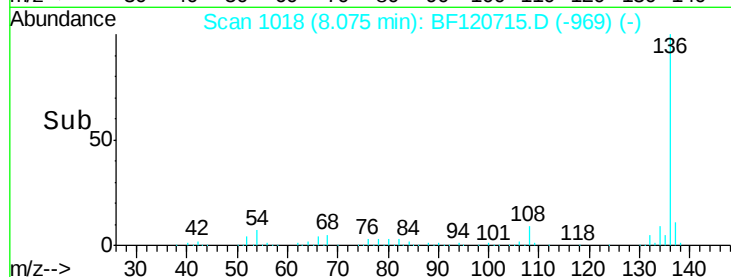
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

Instrument :
BNA_F
ClientSampleId :
OR-02-062420

Tot Ion:136 Resp: 514404
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.7 5.8 8.6
68 5.2 4.4 6.6

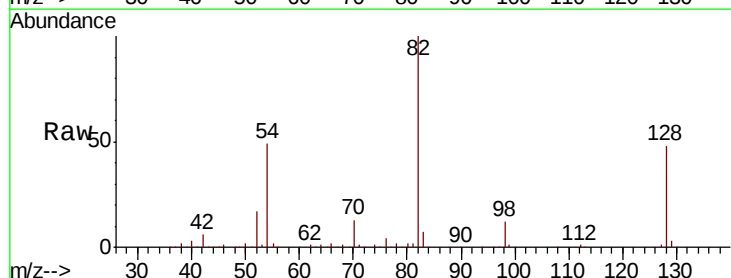


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

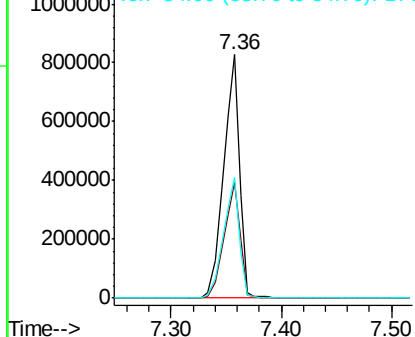
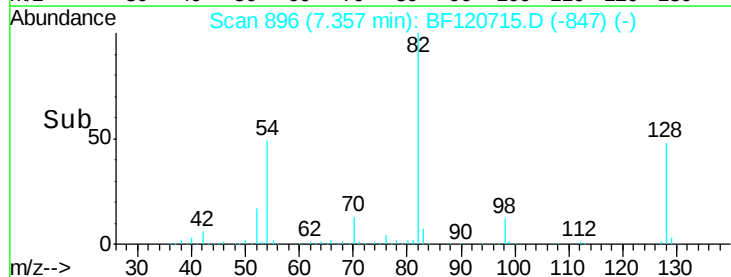


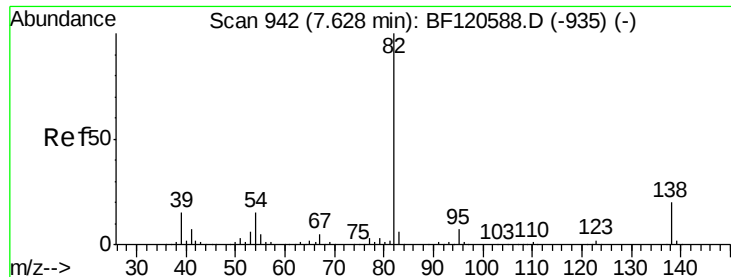
#23
Nitrobenzene-d5
Concen: 90.681 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

Tgt Ion: 82 Resp: 834515
Ion Ratio Lower Upper
82 100
128 47.5 38.0 57.0
54 49.4 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

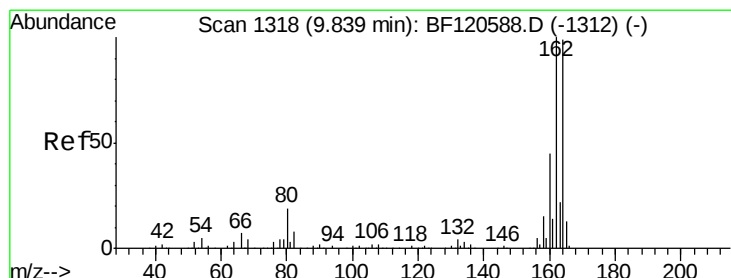
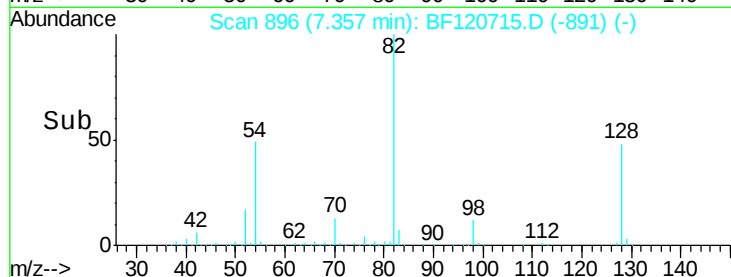
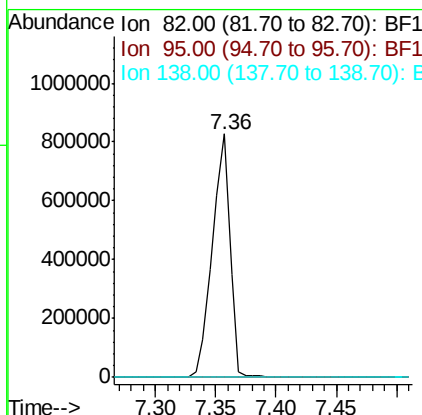
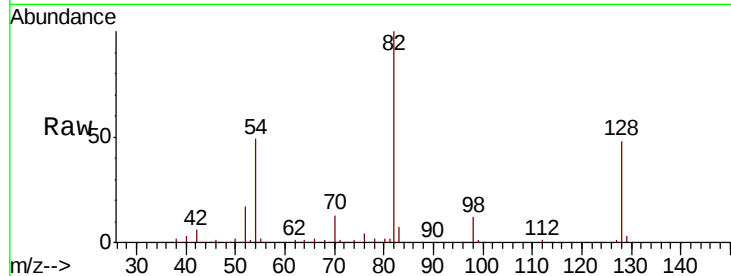




#25
Isophorone
Concen: 46.274 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

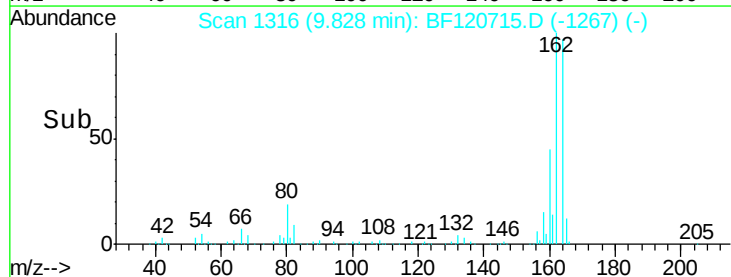
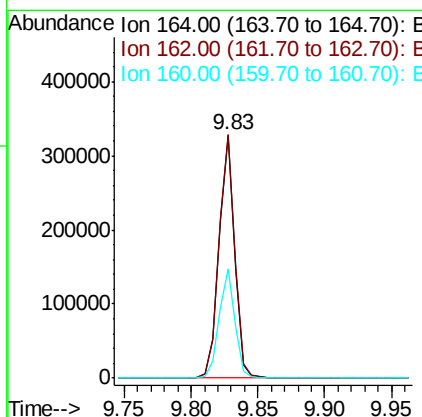
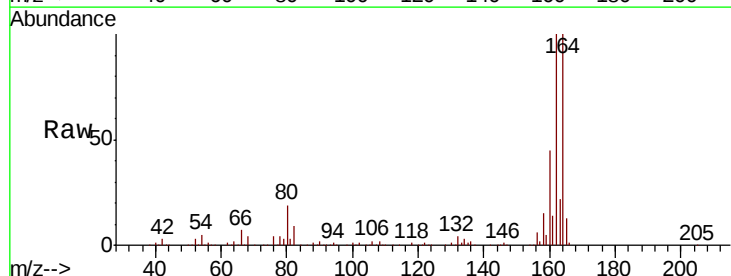
Instrument :
BNA_F
ClientSampleId :
OR-02-062420

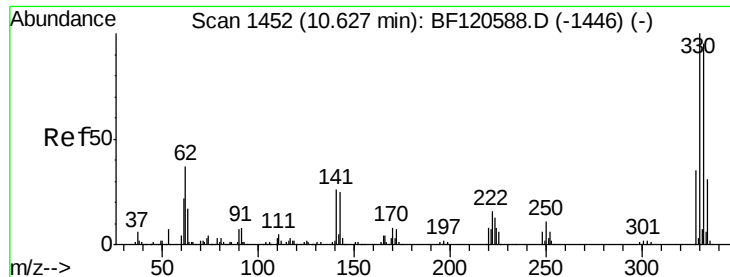
Tot Ion: 82 Resp: 829542
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

Tgt Ion: 164 Resp: 270668
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.2 54.2

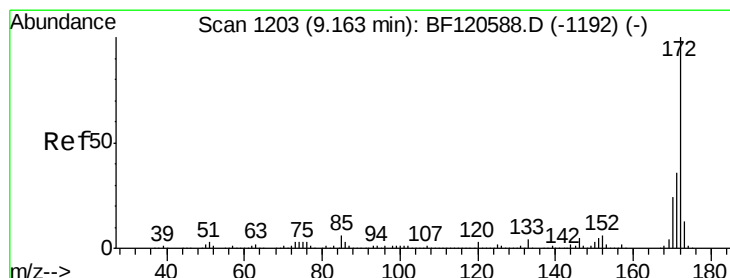
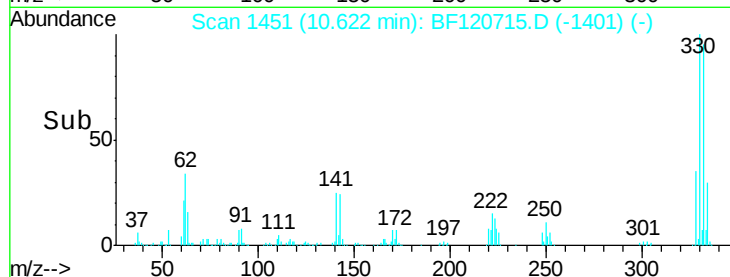
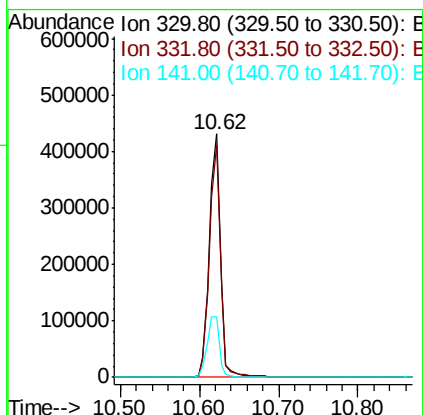
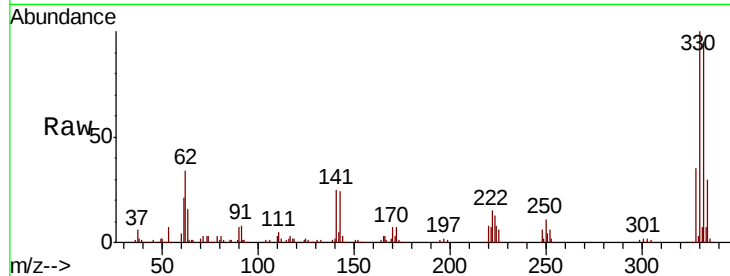




#42
 2,4,6-Tribromophenol
 Concen: 134.540 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120715.D
 Acq: 26 Jun 2020 18:11

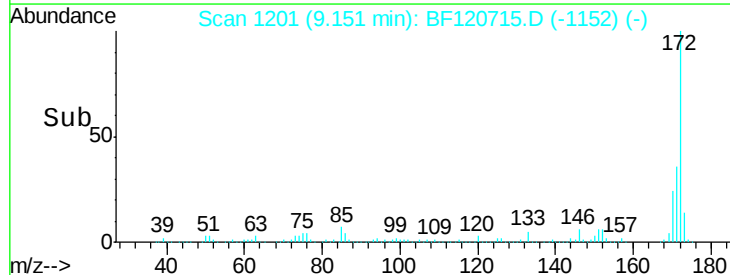
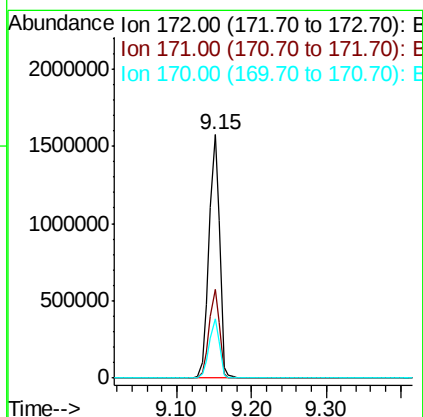
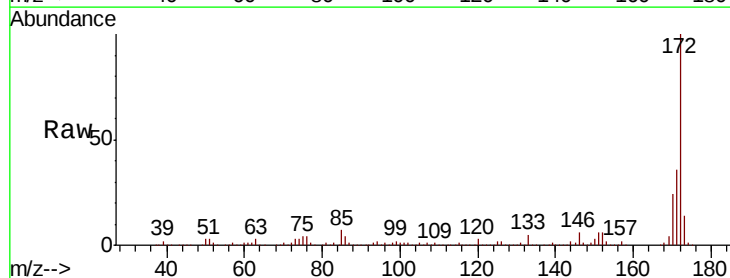
Instrument :
 BNA_F
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 OR-02-062420

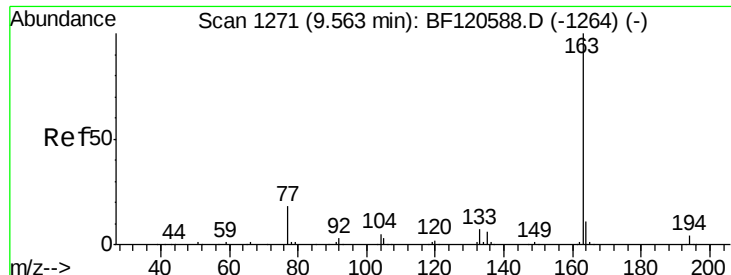
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	27.9	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 88.369 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120715.D
 Acq: 26 Jun 2020 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	19.4	29.2

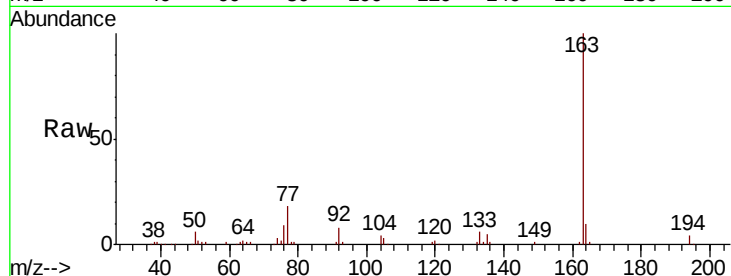




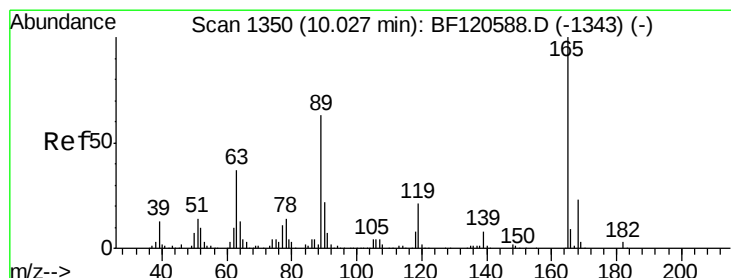
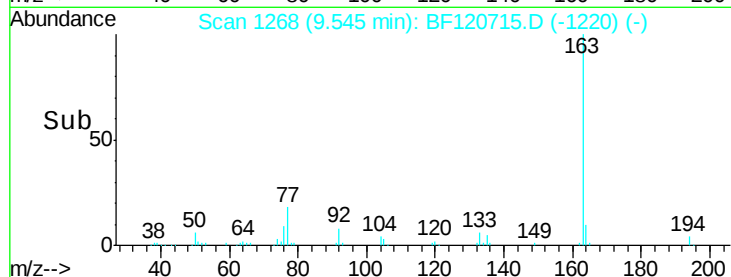
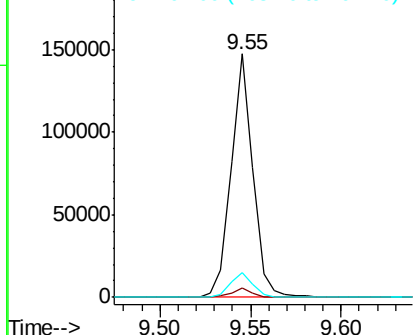
#50
Dimethylphthalate
Concen: 6.317 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

Instrument :
BNA_F
ClientSampleId :
OR-02-062420

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	8.5	12.7



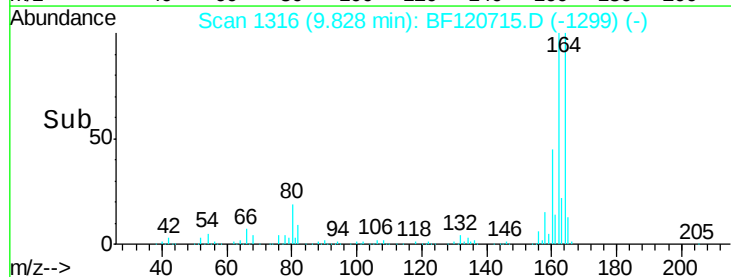
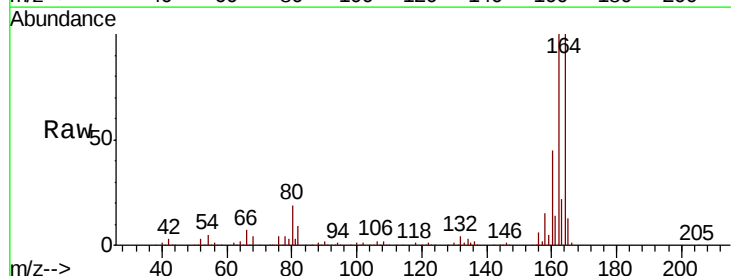
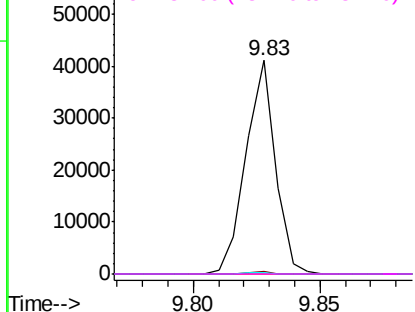
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

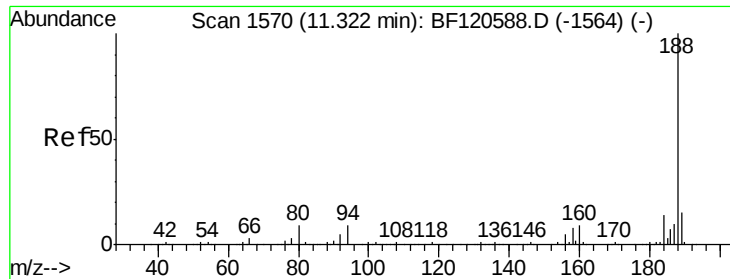


#57
2,4-Dinitrotoluene
Concen: 5.701 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.20 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	0.9	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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF120715.D

Acq: 26 Jun 2020 18:11

Instrument :

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ClientSampleId :

OR-02-062420

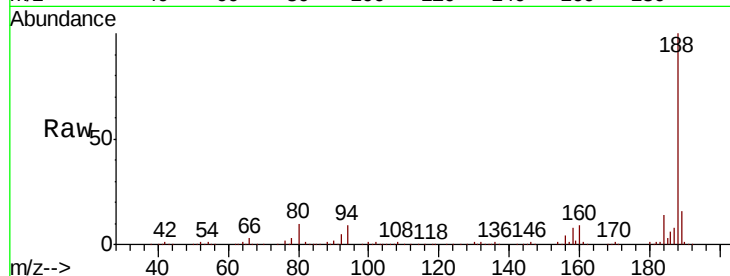
Tot Ion:188 Resp: 533193

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

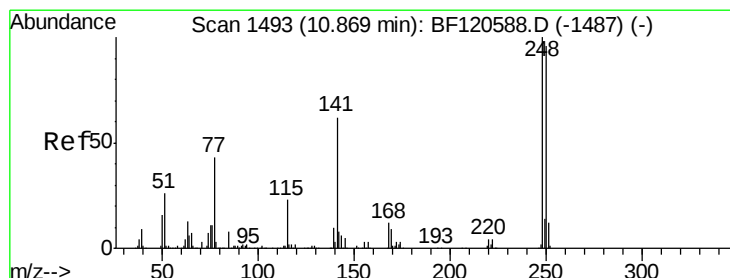
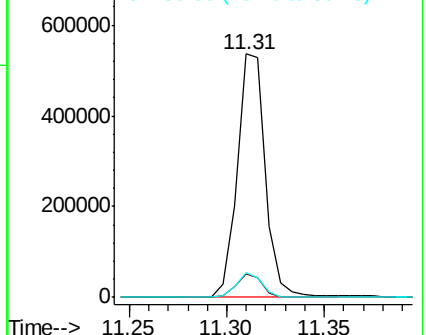
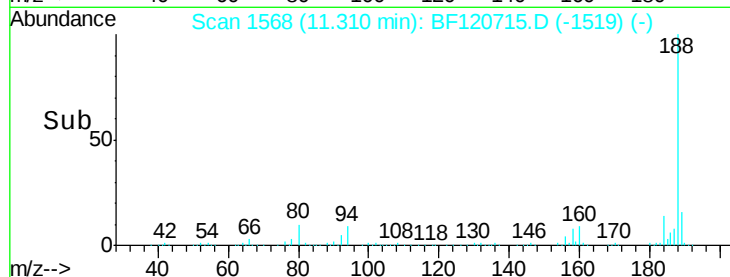
80 10.3 7.4 11.2



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: 3.930 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120715.D

Acq: 26 Jun 2020 18:11

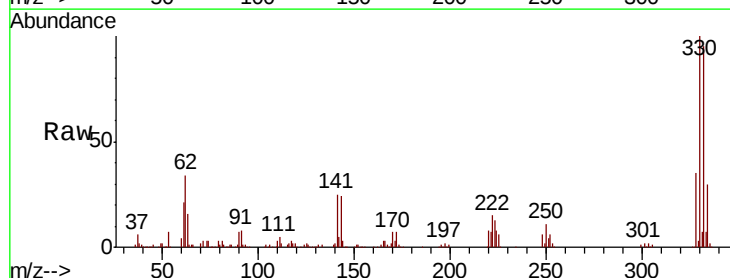
Tgt Ion:248 Resp: 23781

Ion Ratio Lower Upper

248 100

250 203.9 76.7 115.1#

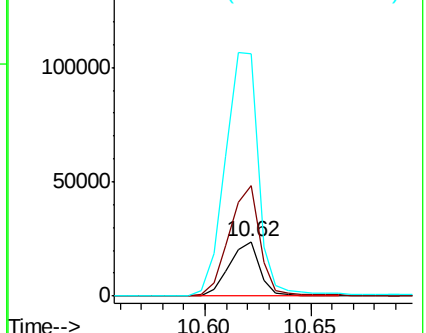
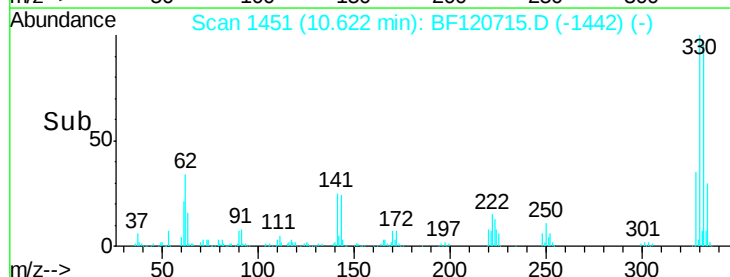
141 447.9 49.4 74.0#

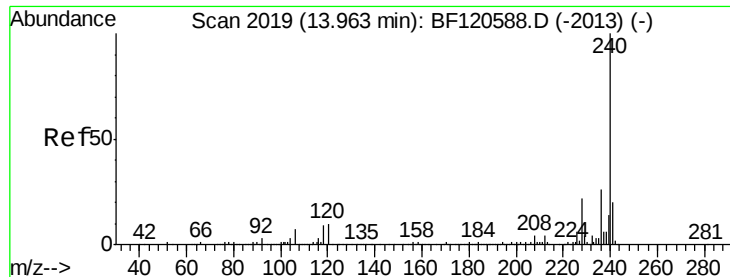


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF120715.D

Acq: 26 Jun 2020 18:11

Instrument :

BNA_F

ClientSampleId :

OR-02-062420

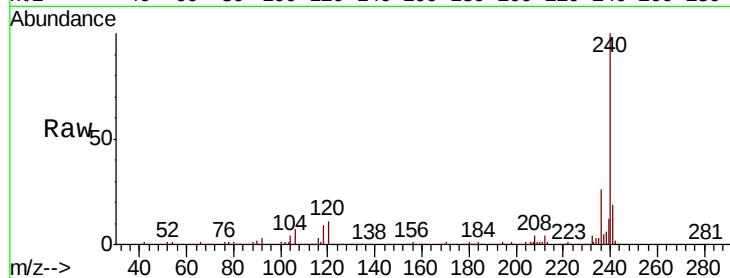
Tot Ion:240 Resp: 464126

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

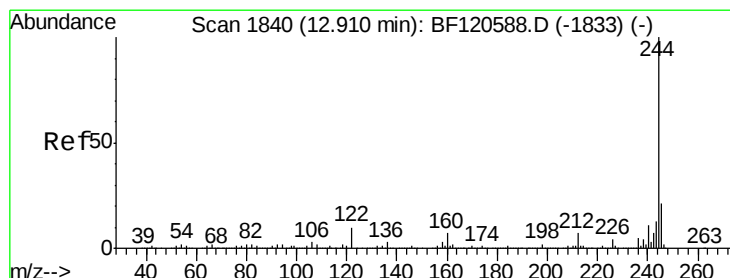
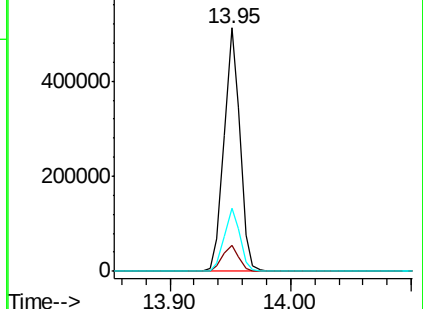
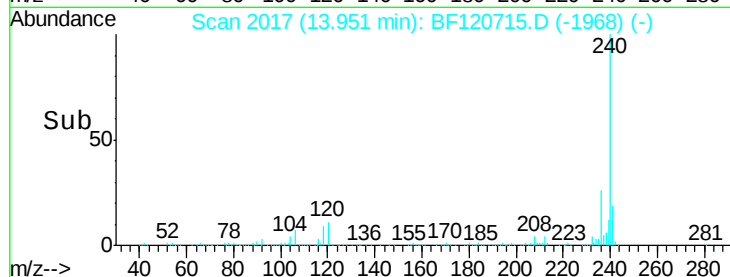
236 25.8 21.0 31.4



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: 91.448 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120715.D

Acq: 26 Jun 2020 18:11

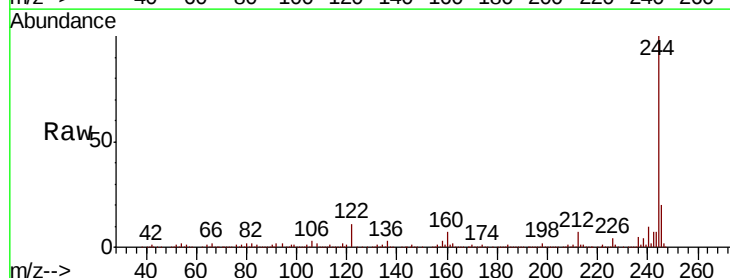
Tgt Ion:244 Resp: 1921479

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

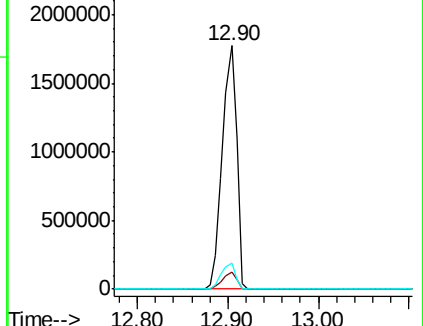
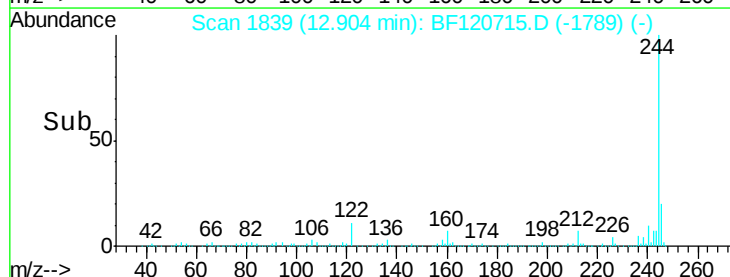
122 10.7 8.3 12.5

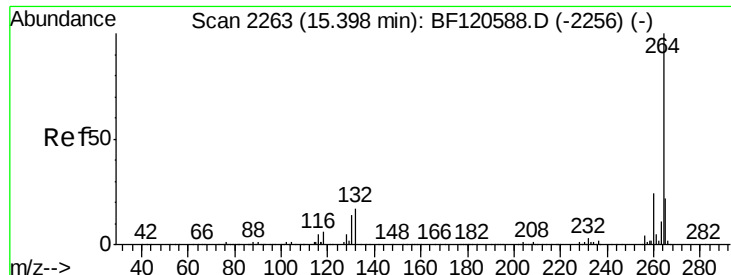


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

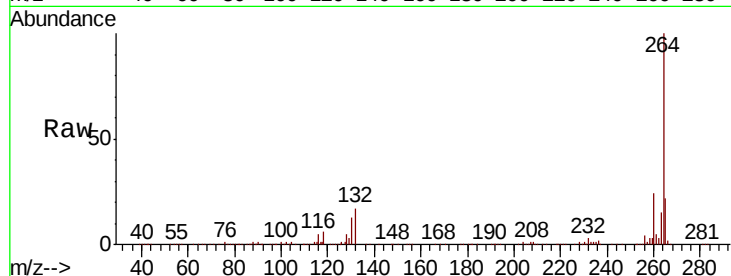




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120715.D
Acq: 26 Jun 2020 18:11

Instrument :
BNA_F
ClientSampleId :
OR-02-062420

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.0	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

