

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120445.D
 Acq On : 29 May 2020 18:01
 Operator : MA/SJ
 Sample : L2746-07DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 00:37:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

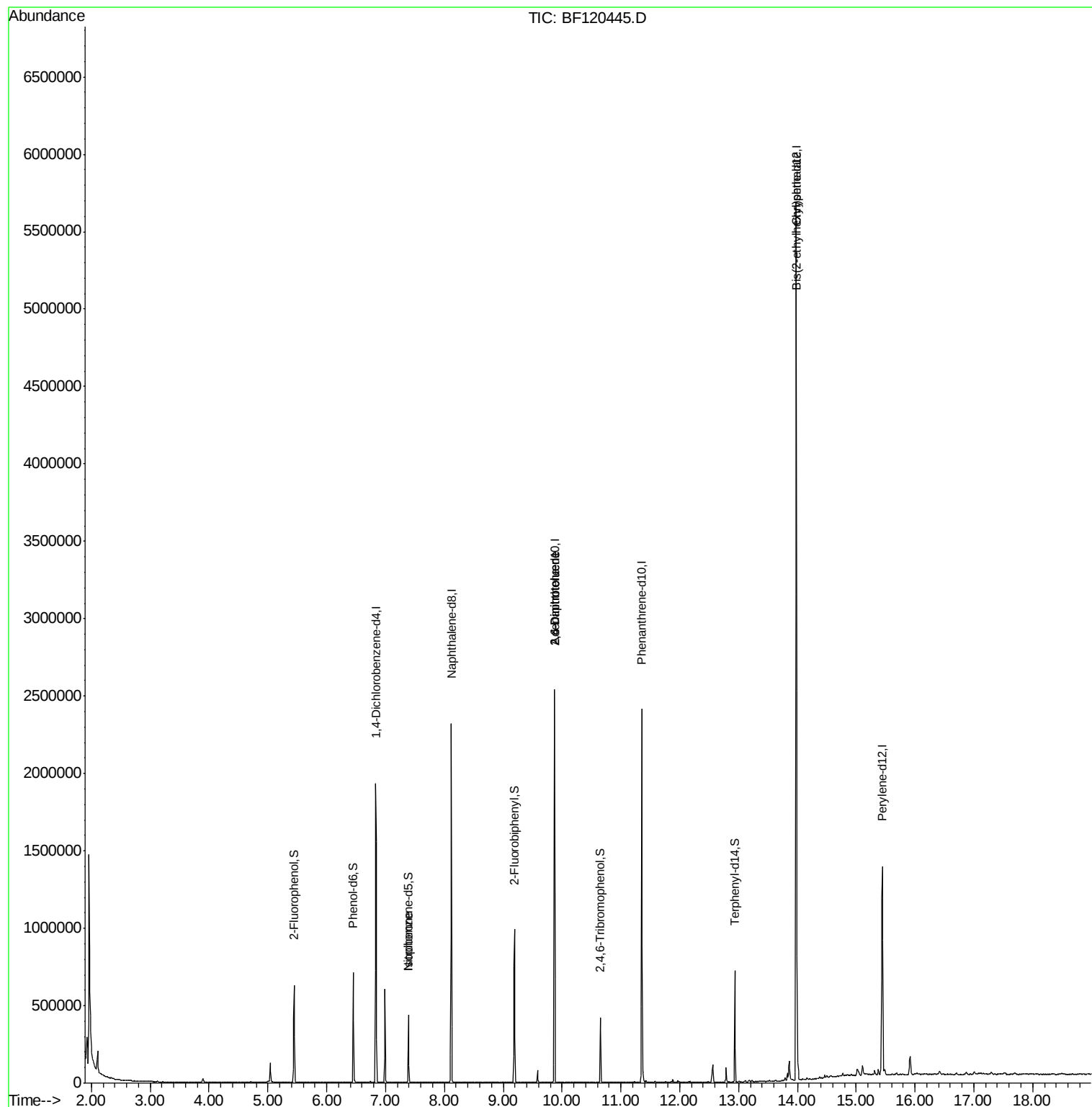
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	283295	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1042609	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	514177	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	852289	20.00	ng	0.00
76) Chrysene-d12	13.99	240	517065	20.00	ng	0.00
86) Perylene-d12	15.44	264	612418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	159642	10.74	ng	0.00
7) Phenol-d6	6.45	99	200897	10.96	ng	-0.02
23) Nitrobenzene-d5	7.39	82	124965	7.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	49840	10.46	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	284107	9.38	ng	0.00
79) Terphenyl-d14	12.94	244	238082	10.25	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	124962	3.901	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	67170	9.403	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	67170	7.347	ng	# 22
84) Bis(2-ethylhexyl)phthalate	13.98	149	1540867	87.440	ng	98

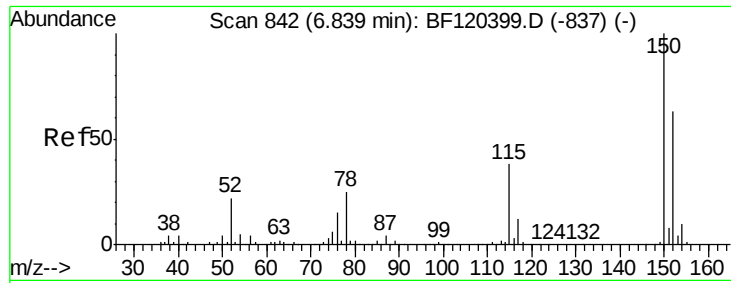
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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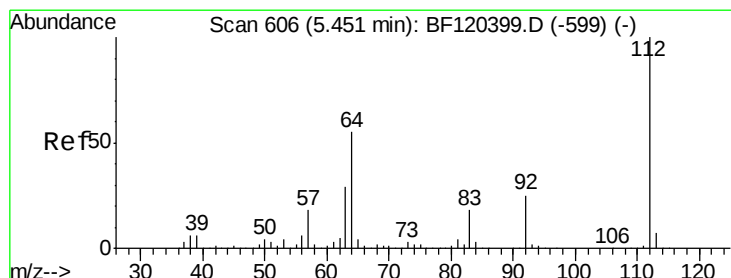
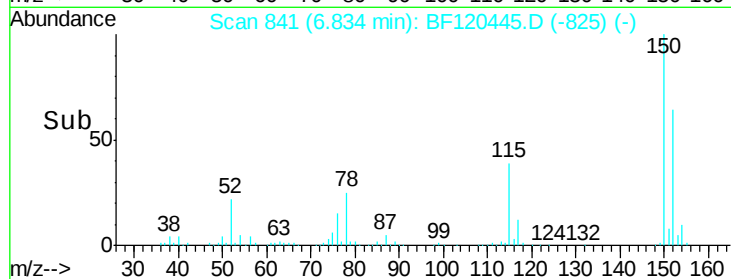
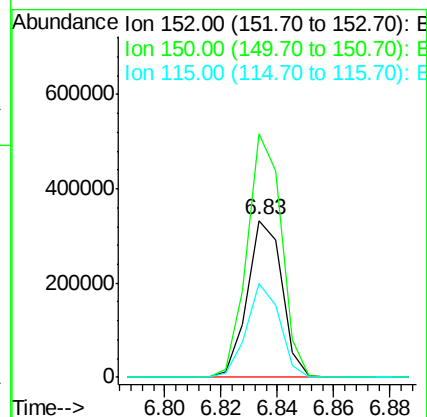
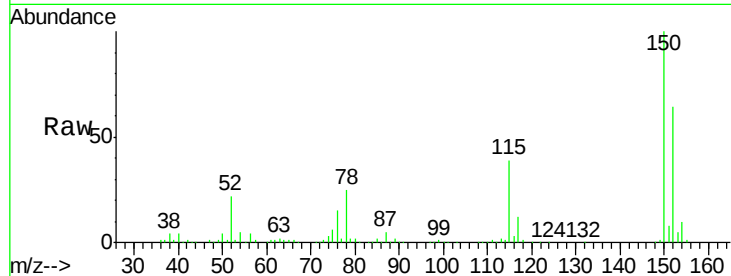


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120445.D
Acq: 29 May 2020 18:01

Instrument :
BNA_F
ClientSampleId :

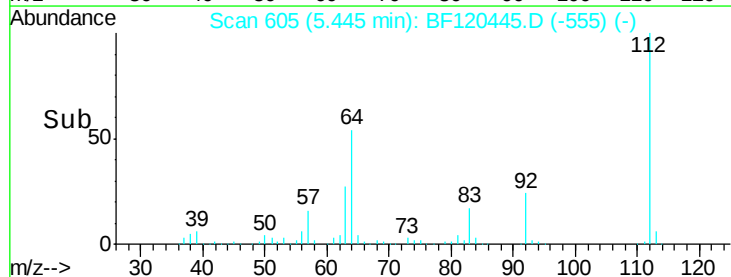
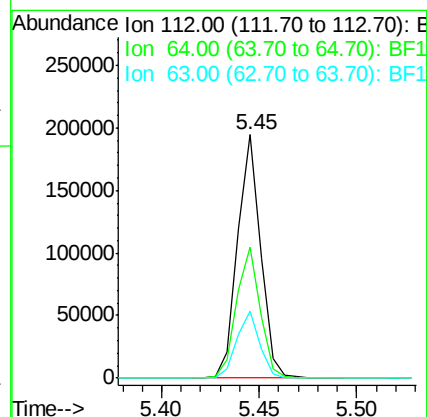
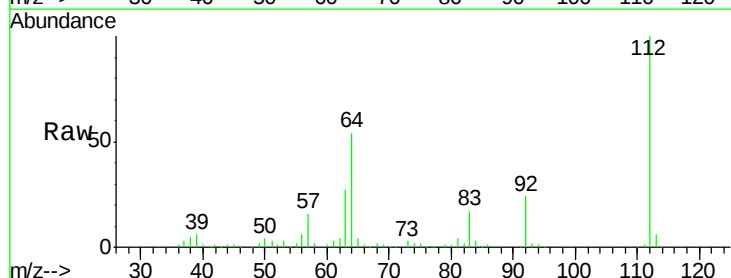
Tot Ion:152 Resp: 283295
Ion Ratio Lower Upper
152 100
150 155.4 126.5 189.7
115 60.3 47.6 71.4



#5

2-Fluorophenol
Concen: 10.739 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120445.D
Acq: 29 May 2020 18:01

Tgt Ion:112 Resp: 159642
Ion Ratio Lower Upper
112 100
64 54.1 44.3 66.5
63 27.3 22.9 34.3





#7

Phenol-d6

Concen: 10.964 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

Instrument :

BNA_F

ClientSampleId :

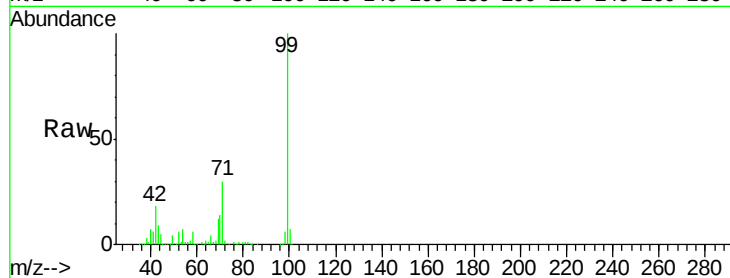
Tot Ion: 99 Resp: 200897

Ion Ratio Lower Upper

99 100

42 18.0 15.2 22.8

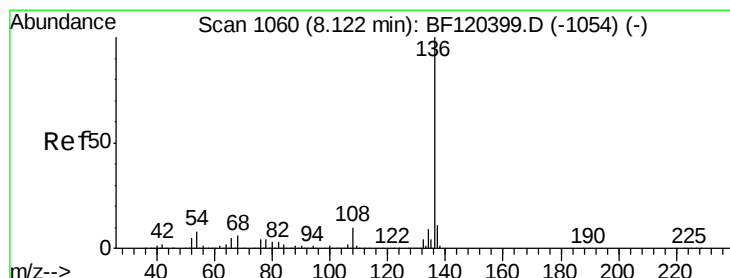
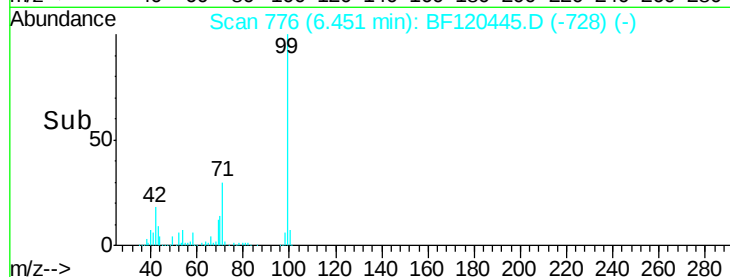
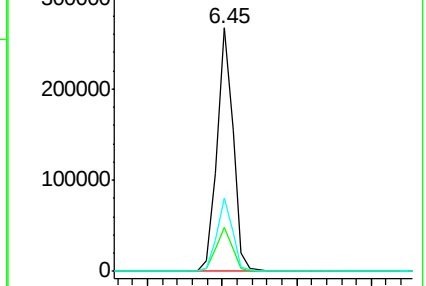
71 30.0 25.6 38.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

Tgt Ion: 136 Resp: 1042609

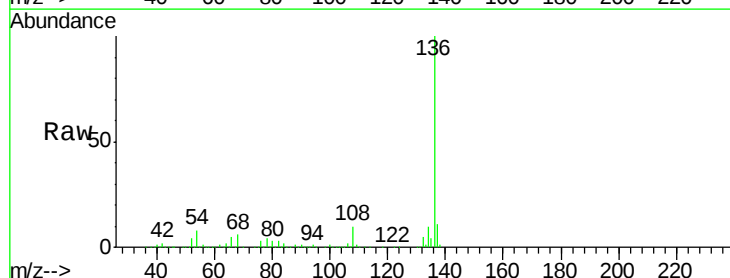
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 6.7 10.1

68 6.4 5.0 7.4

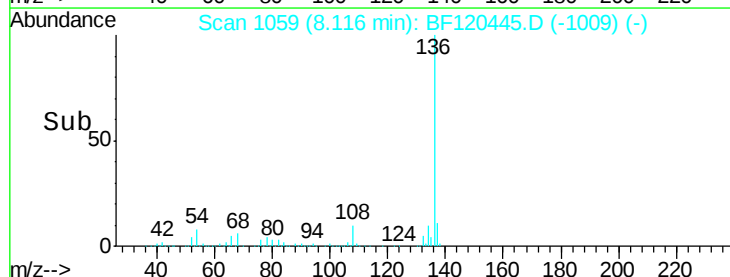
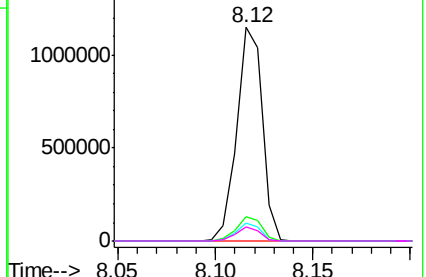


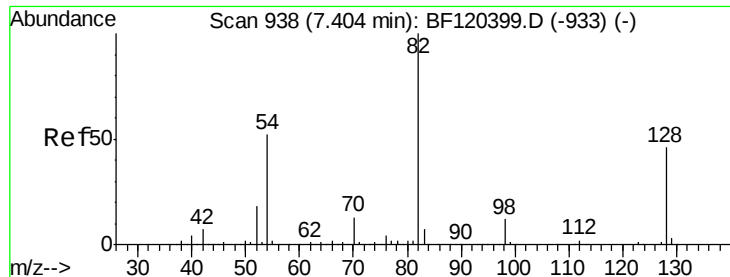
Abundance Ion 136.00 (135.70 to 136.70): E

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

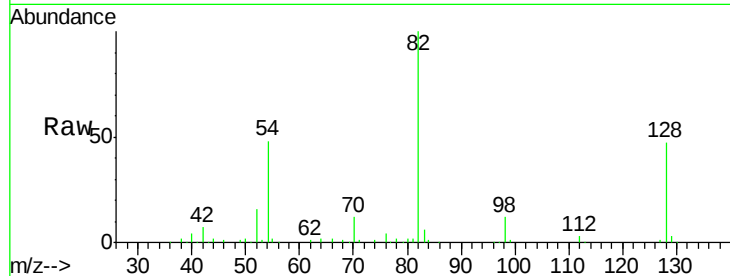




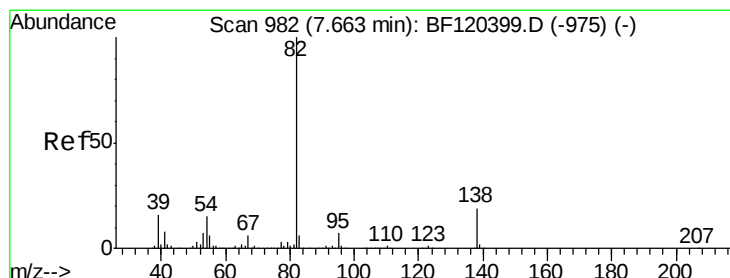
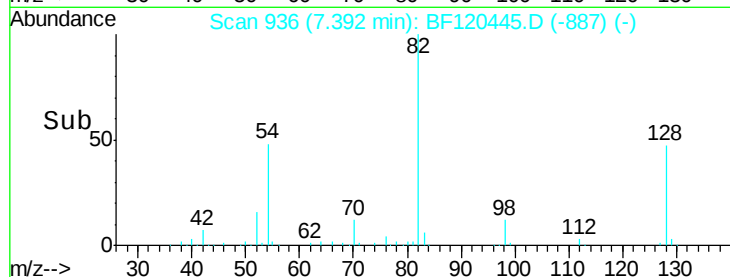
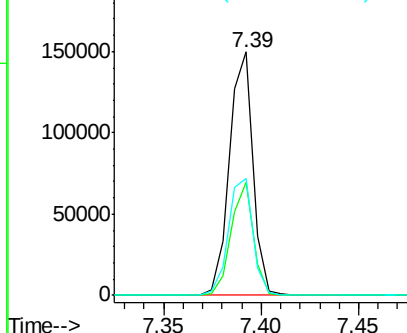
#23
 Nitrobenzene-d5
 Concen: 7.840 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120445.D
 Acq: 29 May 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	124965
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.8	55.2
54	48.1	41.6	62.4

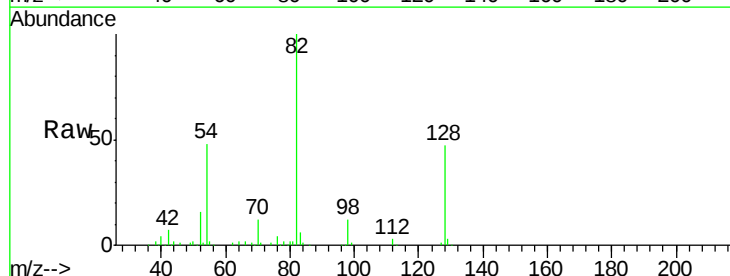


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

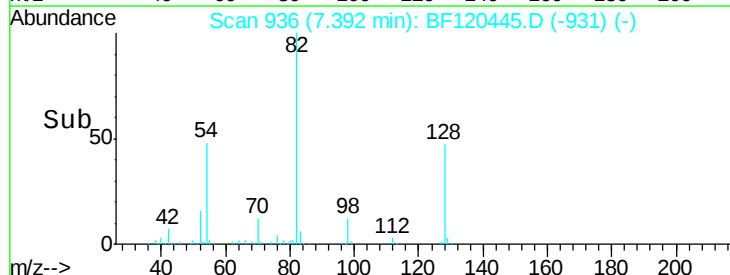
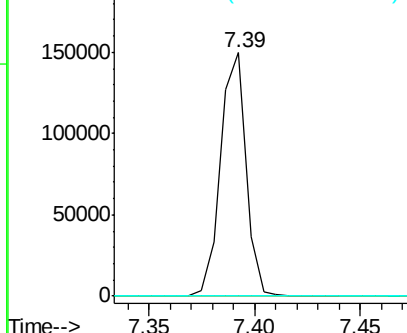


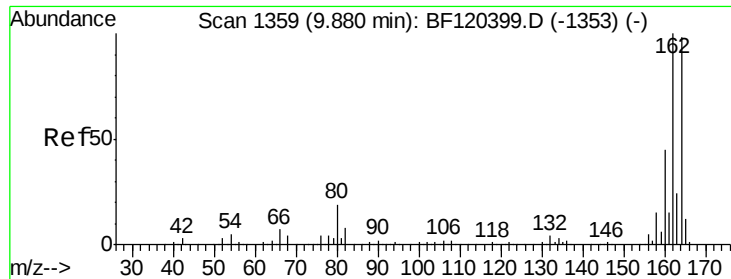
#25
 Isophorone
 Concen: 3.901 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.27 min
 Lab File: BF120445.D
 Acq: 29 May 2020 18:01

Tgt Ion	82	Resp	124962
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	15.0	22.4#



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: 9.87 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

Instrument :

BNA_F

ClientSampleId :

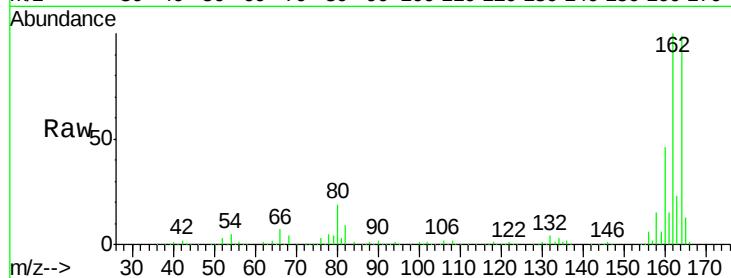
Tot Ion:164 Resp: 514177

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

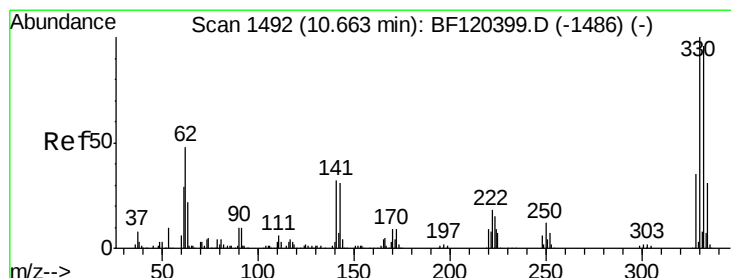
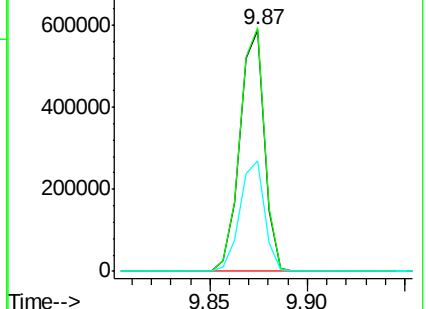
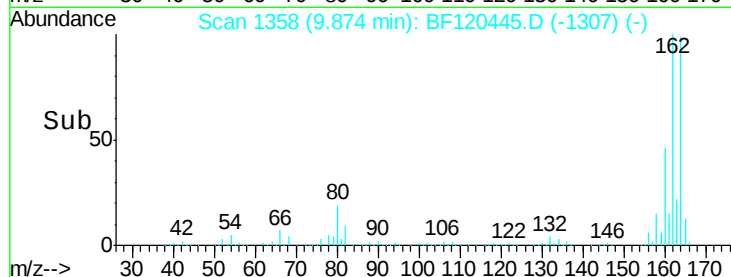
160 46.0 36.9 55.3



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: 10.462 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

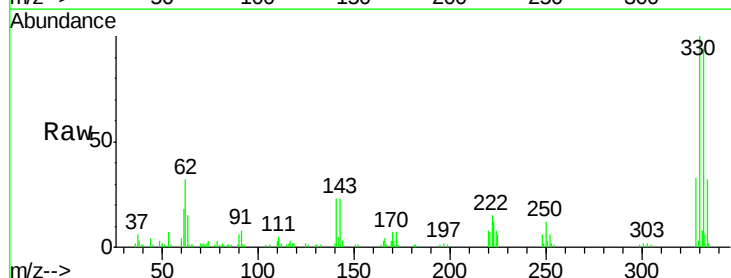
Tgt Ion:330 Resp: 49840

Ion Ratio Lower Upper

330 100

332 92.3 77.0 115.6

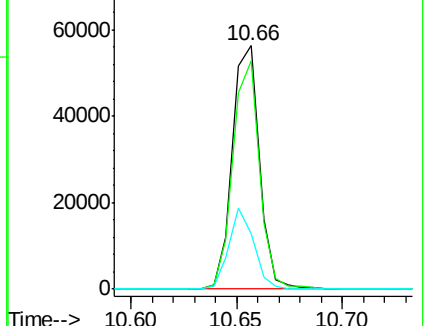
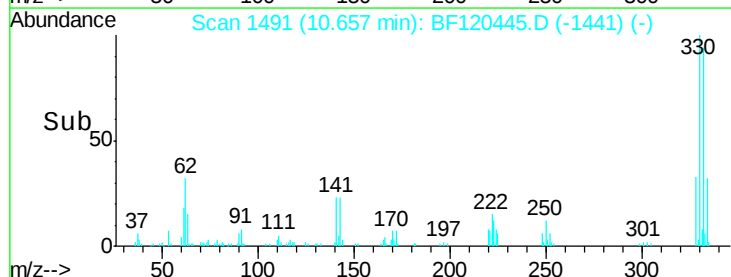
141 30.5 25.3 37.9

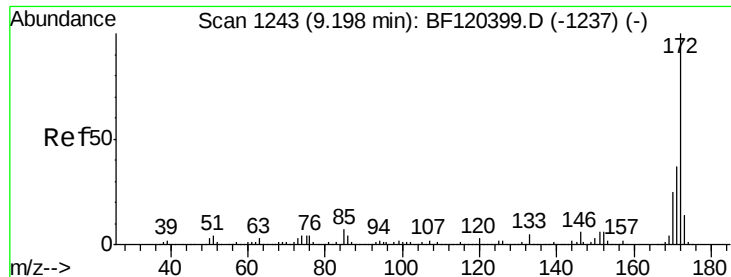


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

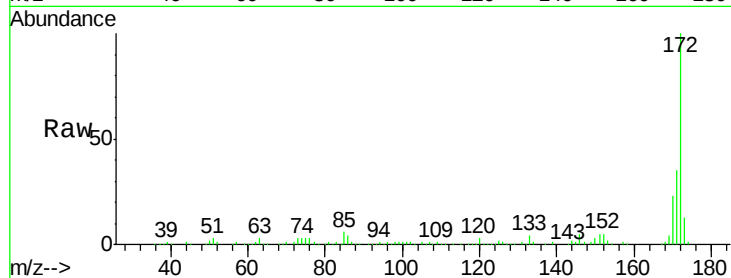




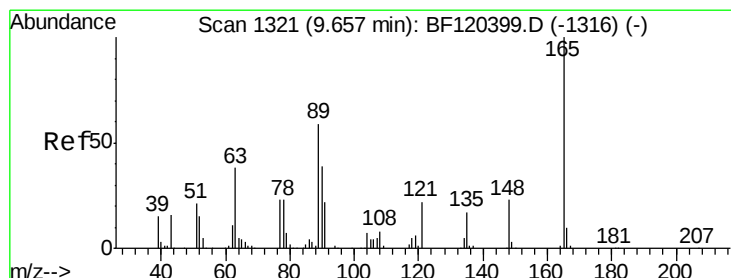
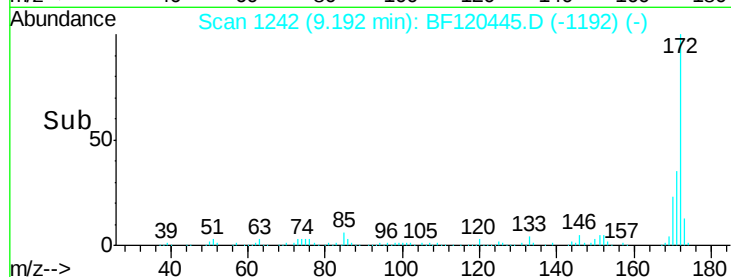
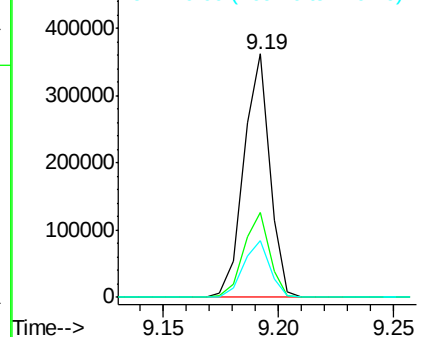
#45
 2-Fluorobiphenyl
 Concen: 9.375 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120445.D
 Acq: 29 May 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.3	19.9	29.9

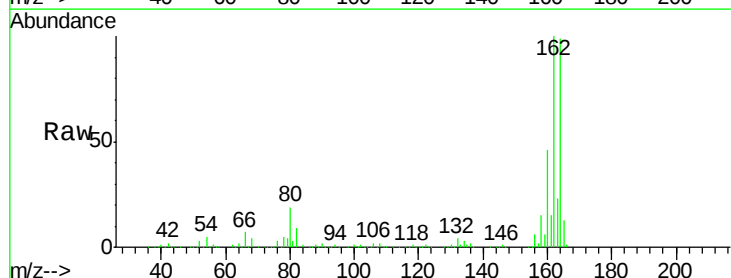


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

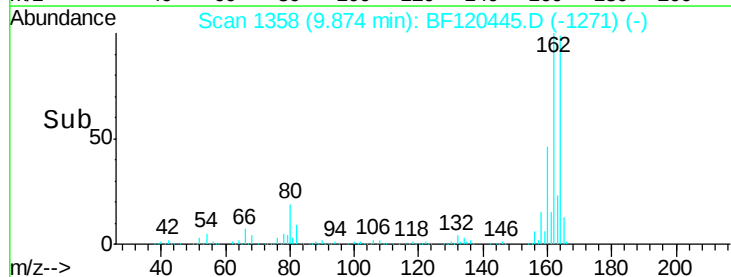
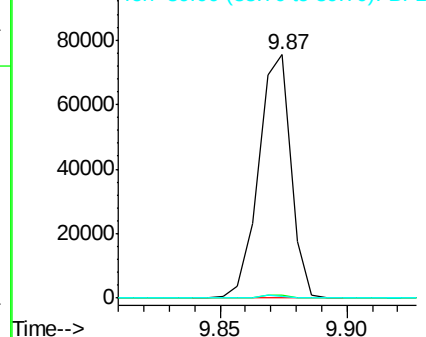


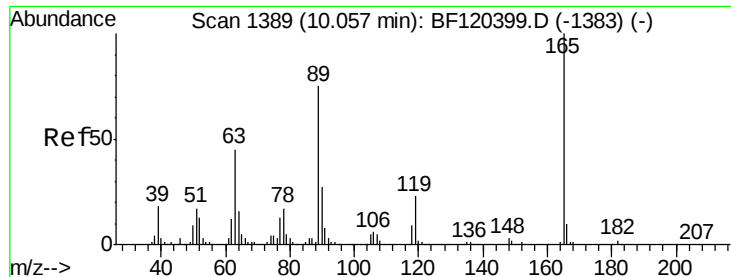
#51
 2,6-Dinitrotoluene
 Concen: 9.403 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.21 min
 Lab File: BF120445.D
 Acq: 29 May 2020 18:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.9	70.3#
89	0.9	47.5	71.3#



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

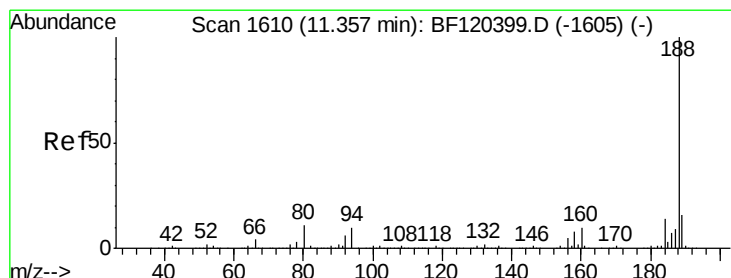
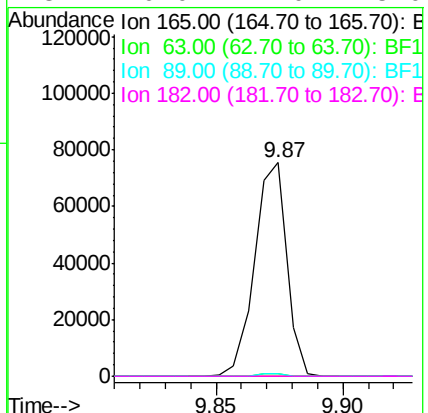
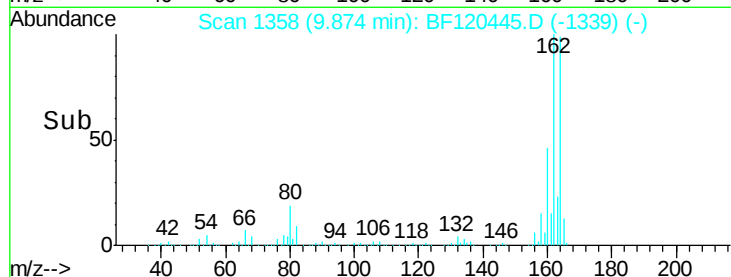
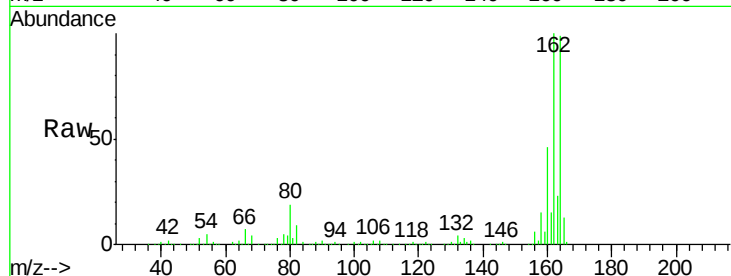




#57
 2,4-Dinitrotoluene
 Concen: 7.347 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.19 min
 Lab File: BF120445.D
 Acq: 29 May 2020 18:01

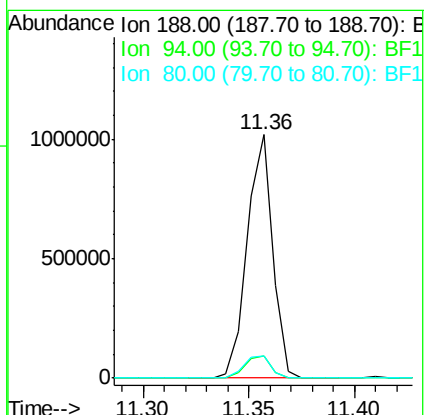
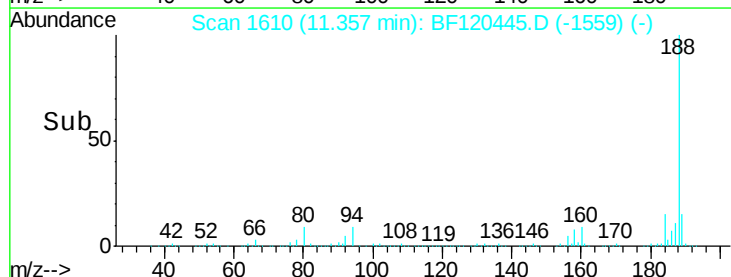
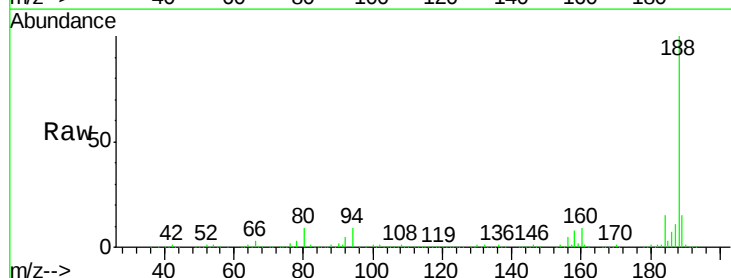
Instrument :
 BNA_F
 ClientSampleId :

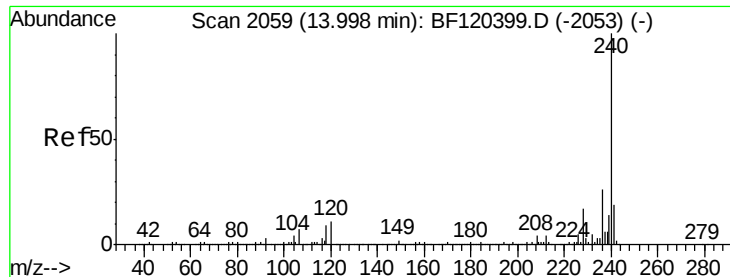
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.9	53.9#
89	0.9	60.0	90.0#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF120445.D
 Acq: 29 May 2020 18:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.3	8.6	13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

Instrument :

BNA_F

ClientSampleId :

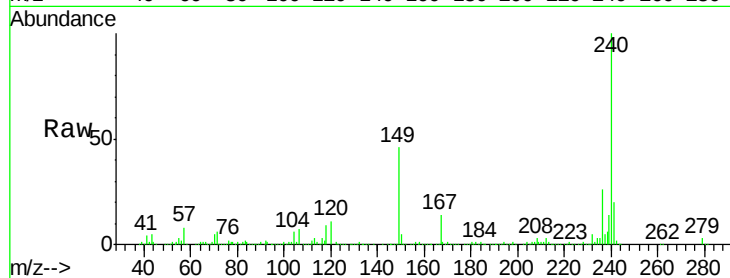
Tot Ion:240 Resp: 517065

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

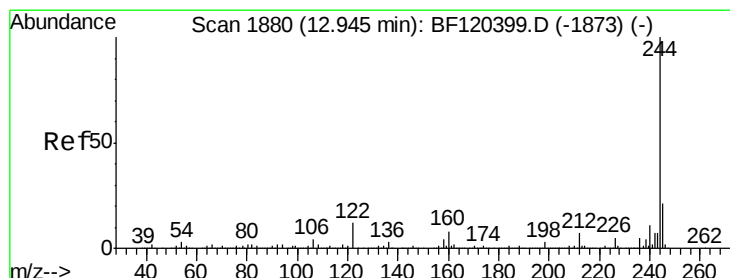
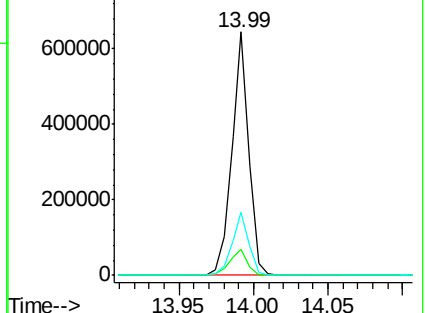
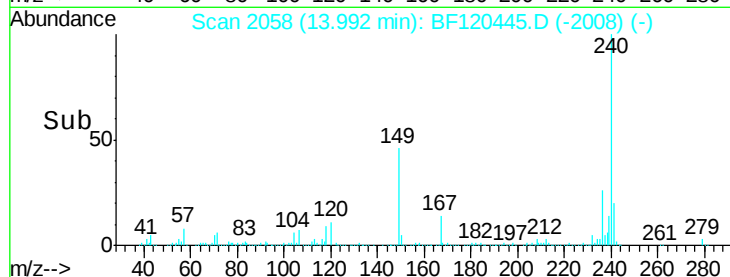
236 26.1 21.0 31.4



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: 10.246 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

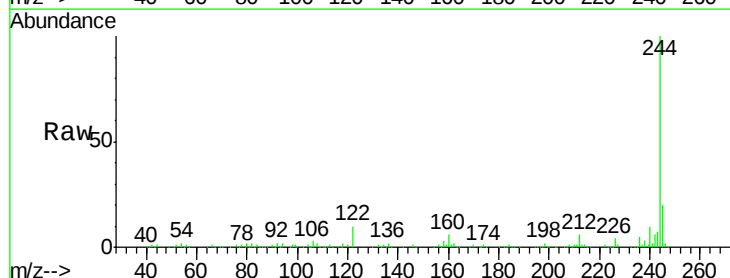
Tgt Ion:244 Resp: 238082

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

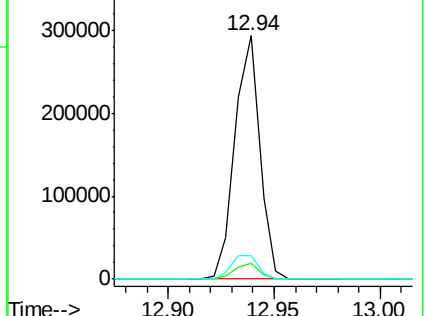
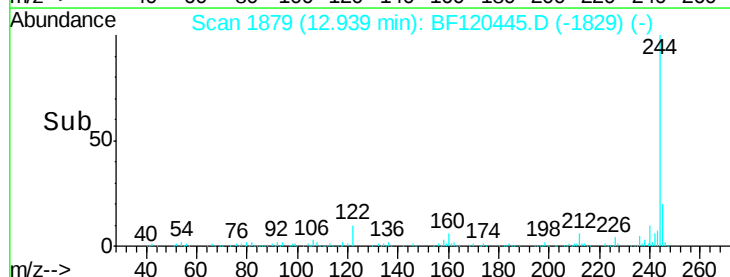
122 9.7 9.2 13.8

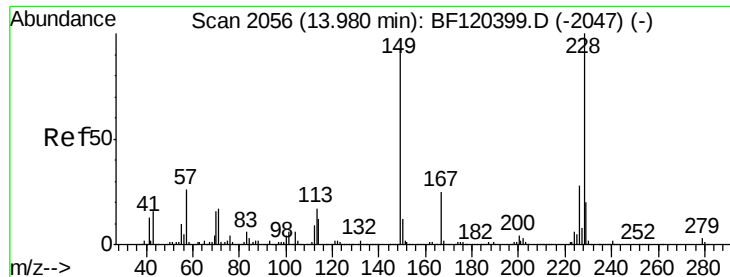


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 87.440 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF120445.D

Acq: 29 May 2020 18:01

Instrument :

BNA_F

ClientSampleId :

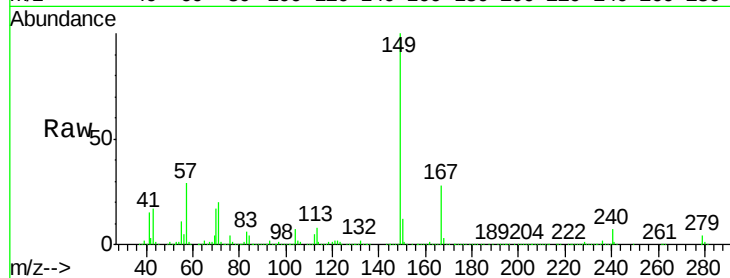
Tot Ion:149 Resp: 1540867

Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

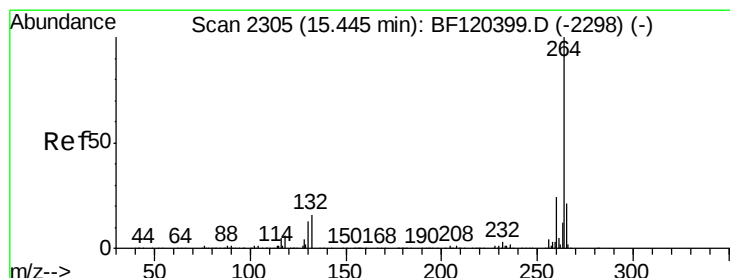
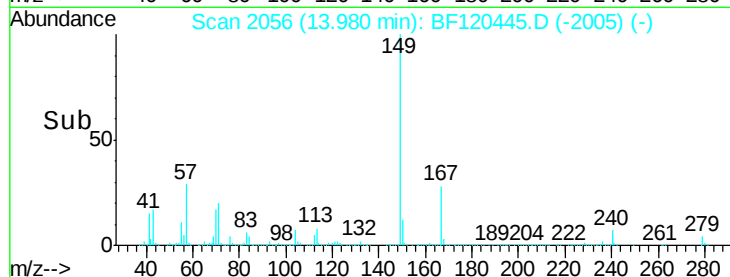
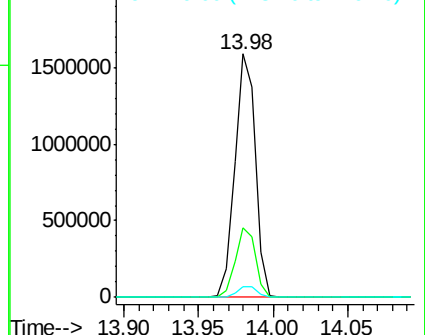
279 4.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

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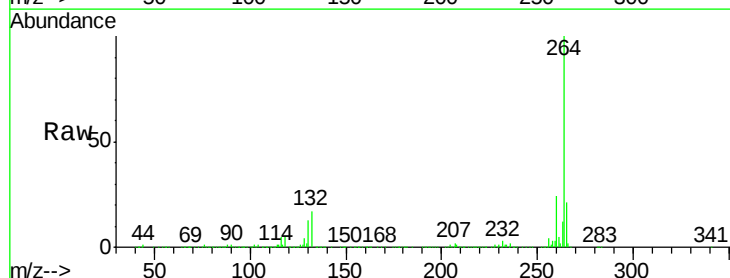
Tgt Ion:264 Resp: 612418

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 16.9 25.3



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

