

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121386.D
 Acq On : 22 Aug 2020 00:55
 Operator : JU/CG
 Sample : L3506-06 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-082020

Quant Time: Aug 22 02:55:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

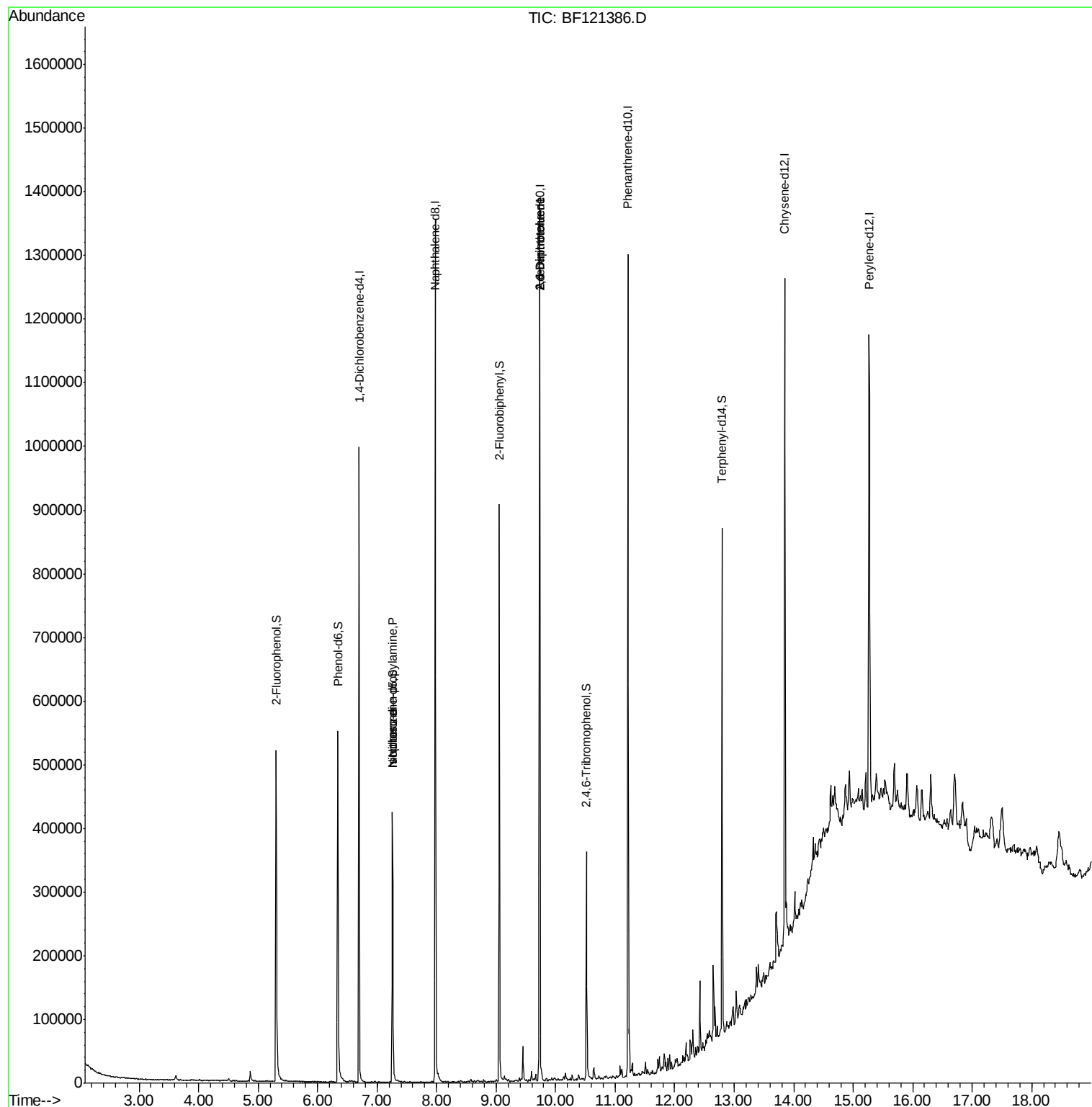
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150942	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	574746	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	278789	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	471319	20.00	ng	0.00
76) Chrysene-d12	13.85	240	335826	20.00	ng	0.00
86) Perylene-d12	15.27	264	349785	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	181211	19.69	ng	0.00
7) Phenol-d6	6.34	99	224618	19.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	133145	13.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	48437	14.91	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	280292	7.52	ng	0.00
79) Terphenyl-d14	12.80	244	225134	13.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	17295	2.737	ng	# 80
25) Isophorone	7.26	82	133143	7.199	ng	# 65
51) 2,6-Dinitrotoluene	9.73	165	35920	8.292	ng	# 29
55) Dibenzofuran	9.94	168	1324	Below Cal		# 86
57) 2,4-Dinitrotoluene	9.73	165	35920	6.797	ng	# 25
58) Fluorene	10.28	166	3222	Below Cal		94

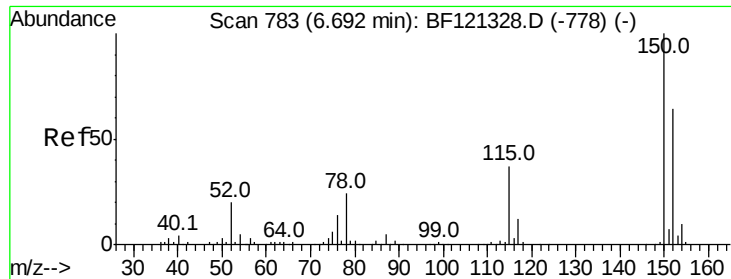
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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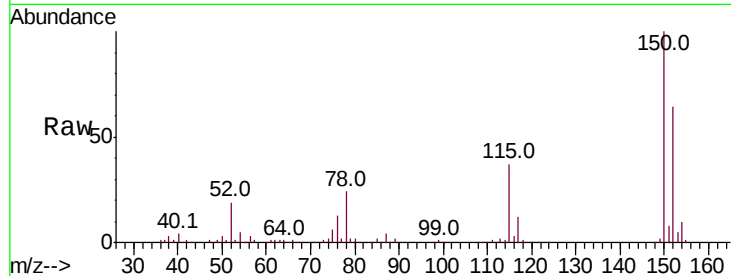


#1

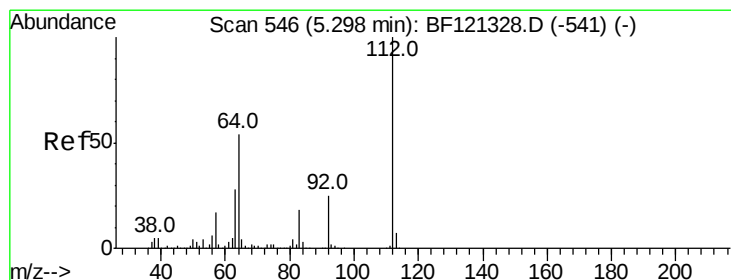
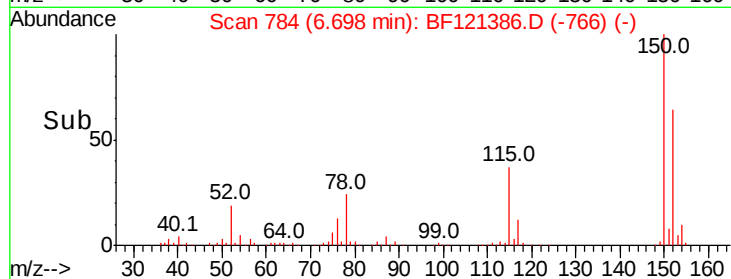
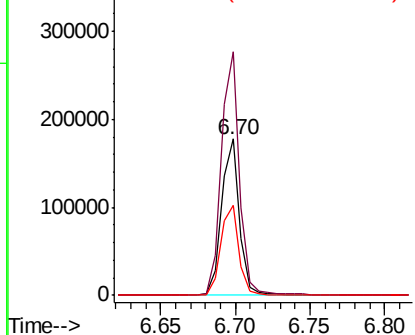
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-082020

Tot Ion:152 Resp: 150942
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.8 187.2
 115 57.3 46.1 69.1



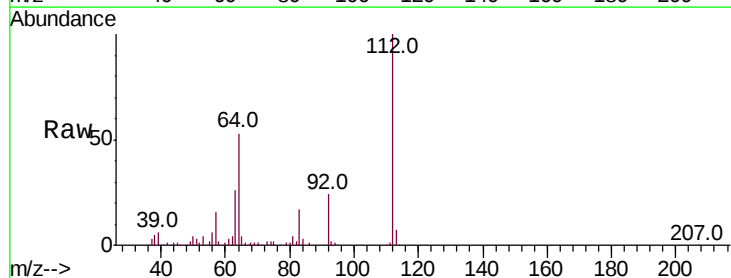
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



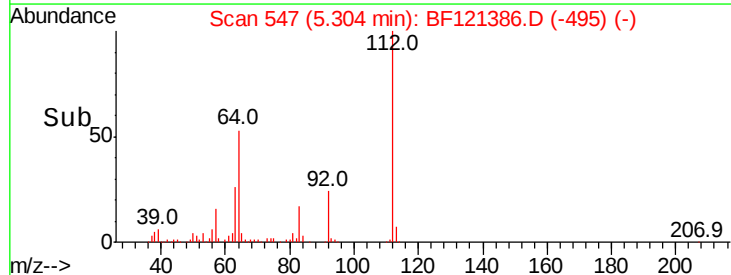
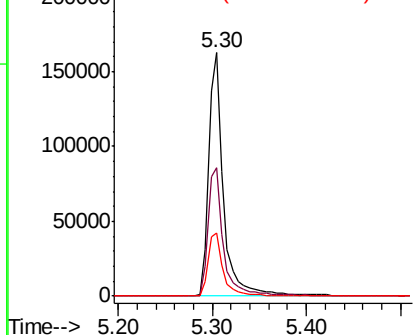
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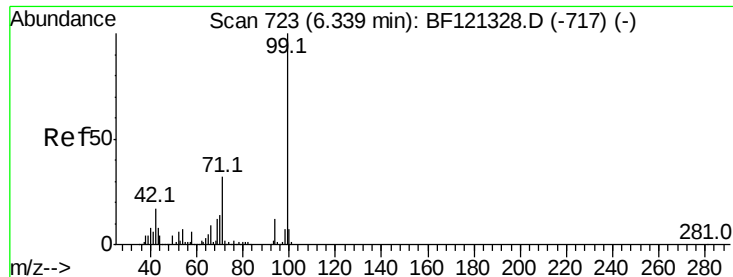
2-Fluorophenol
 Concen: 19.686 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

Tgt Ion:112 Resp: 181211
 Ion Ratio Lower Upper
 112 100
 64 53.0 43.5 65.3
 63 26.0 22.0 33.0



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: 19.114 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

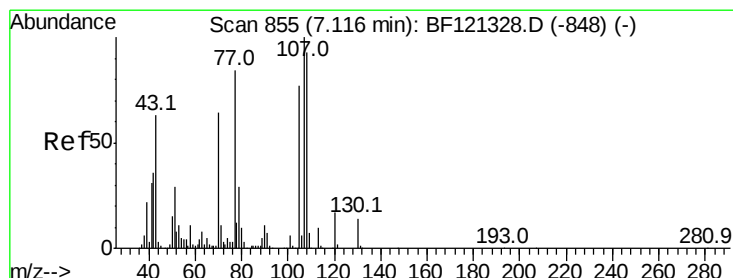
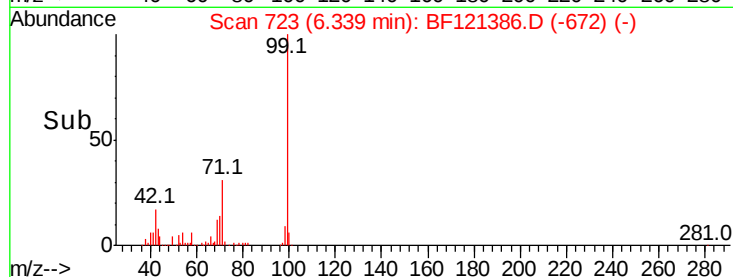
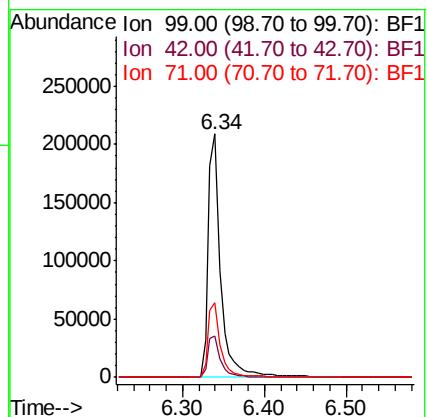
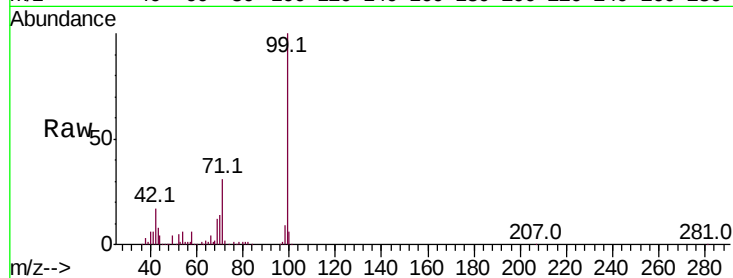
Tot Ion: 99 Resp: 224618

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 30.6 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.737 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Tgt Ion: 70 Resp: 17295

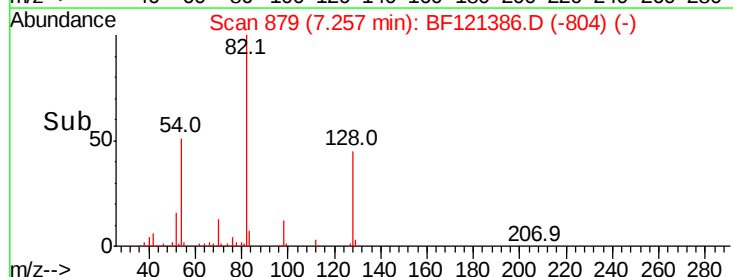
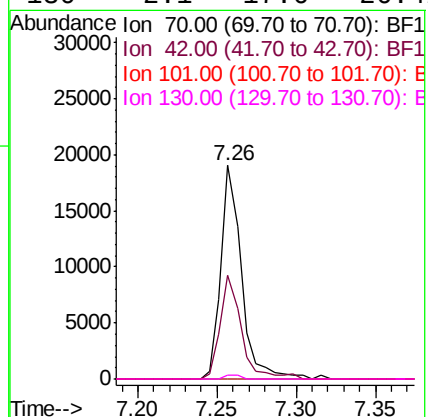
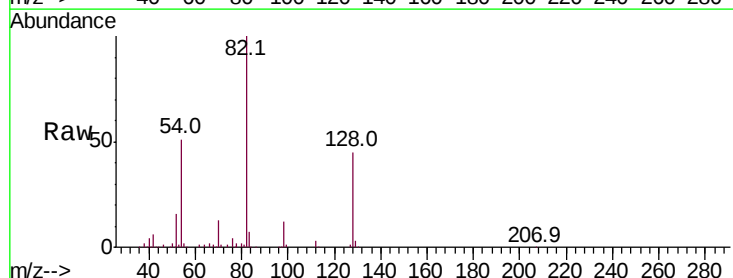
Ion Ratio Lower Upper

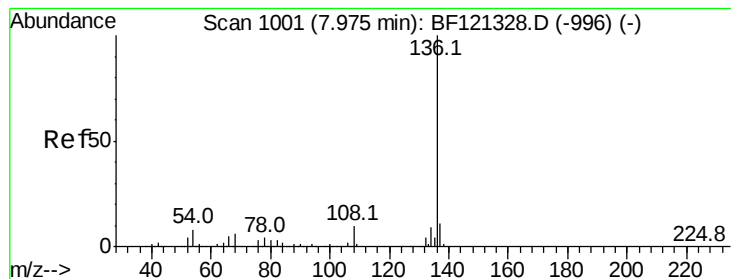
70 100

42 48.9 45.2 67.8

101 0.0 7.7 11.5#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

Tot Ion:136 Resp: 574746

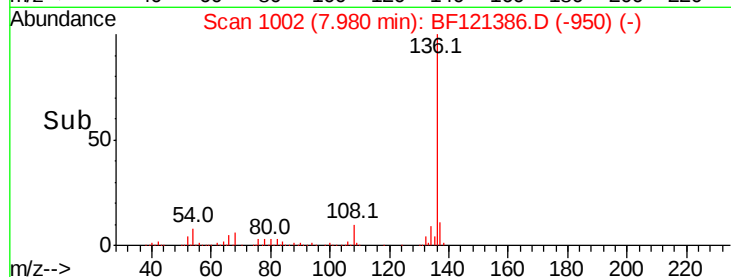
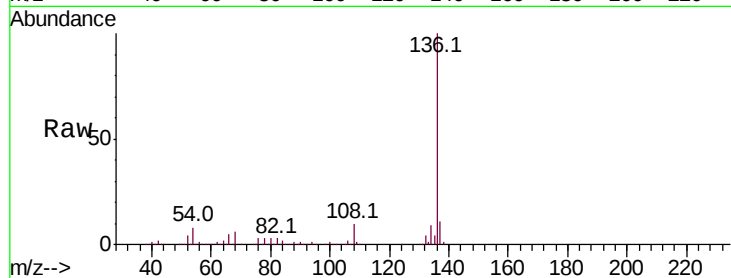
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.1 9.1

68 6.1 5.0 7.4

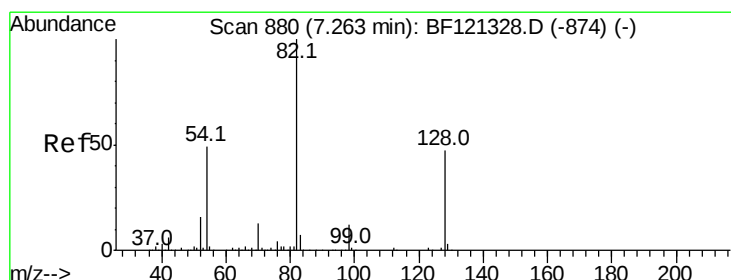
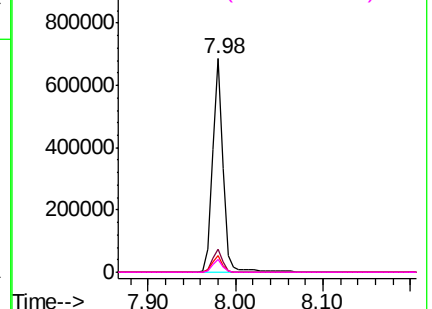


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.102 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

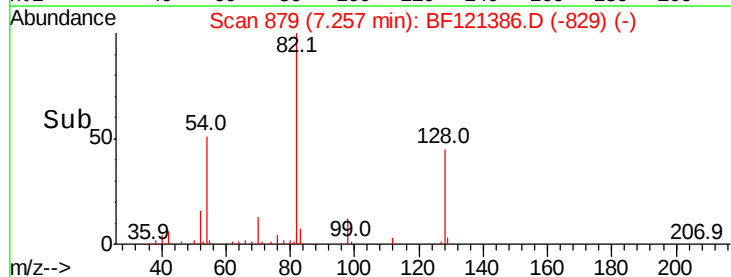
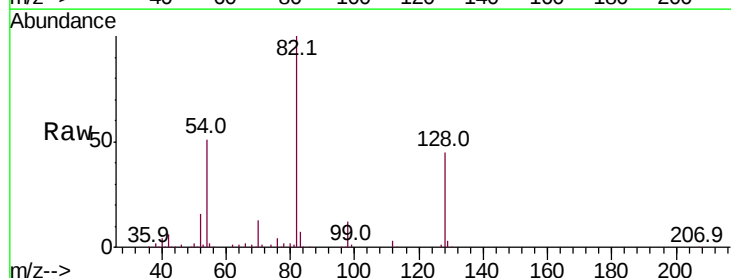
Tgt Ion: 82 Resp: 133145

Ion Ratio Lower Upper

82 100

128 44.8 37.9 56.9

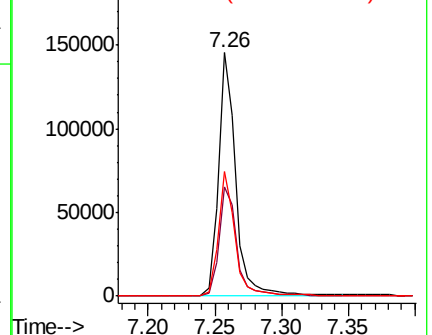
54 51.3 39.0 58.4

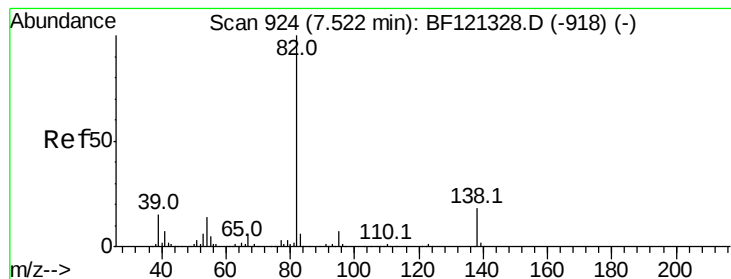


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.199 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

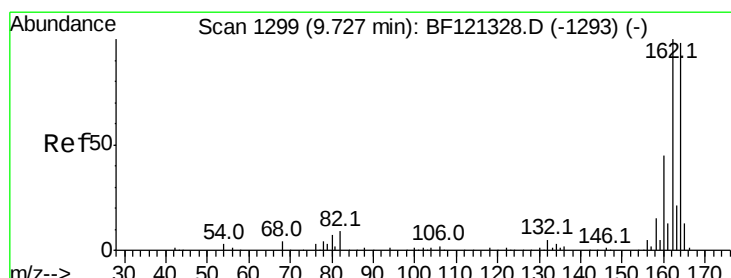
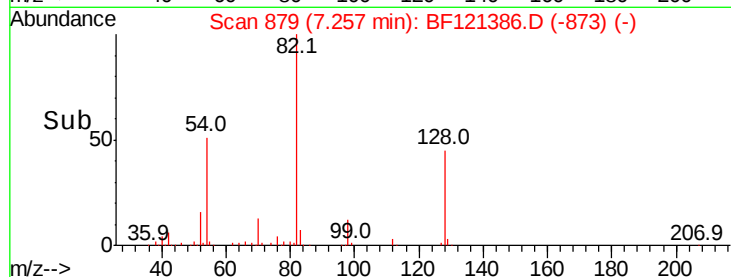
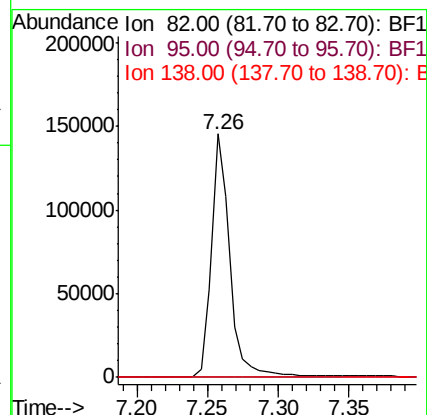
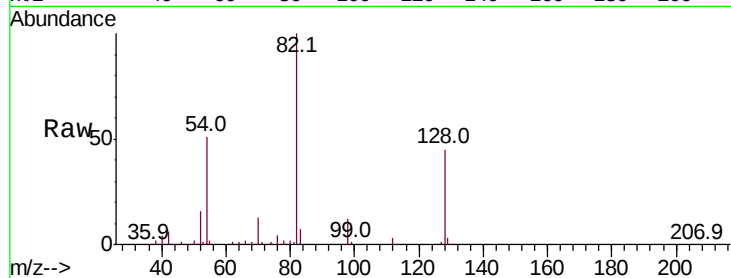
Tot Ion: 82 Resp: 133143

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

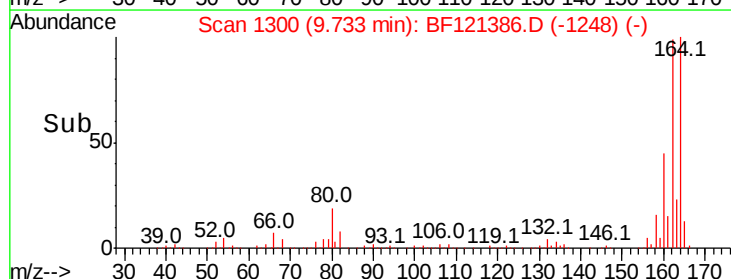
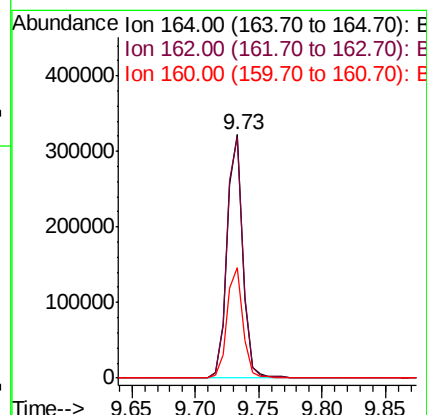
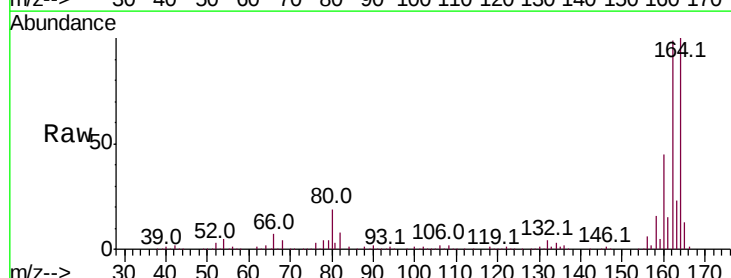
Tgt Ion:164 Resp: 278789

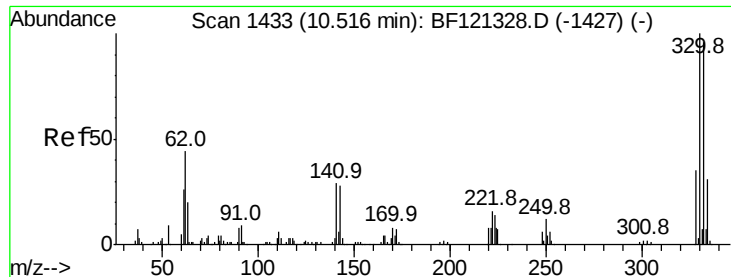
Ion Ratio Lower Upper

164 100

162 99.1 81.7 122.5

160 45.4 37.0 55.4

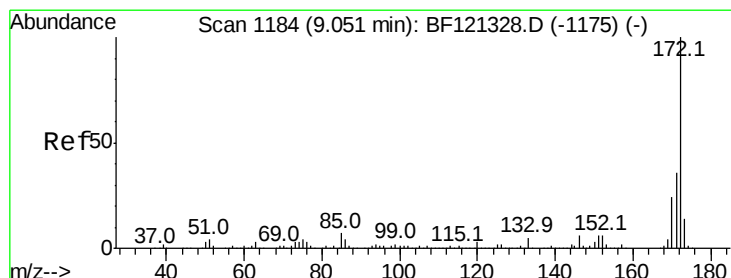
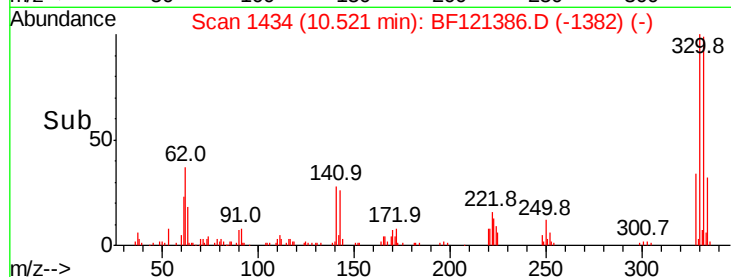
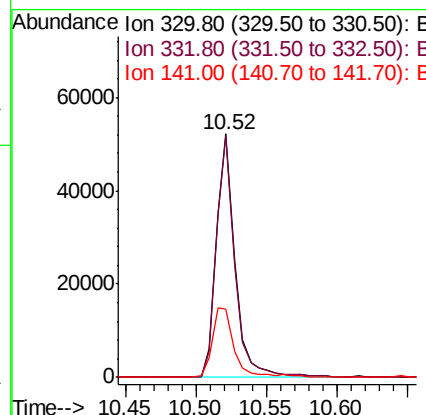
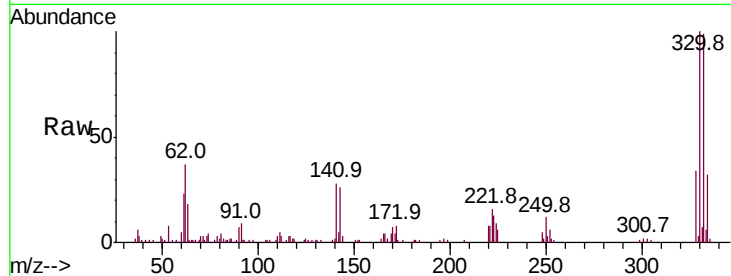




#42
 2,4,6-Tribromophenol
 Concen: 14.909 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

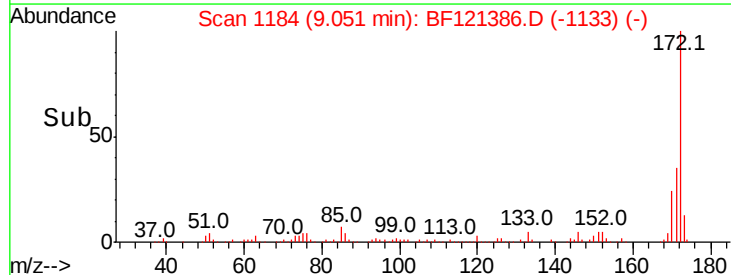
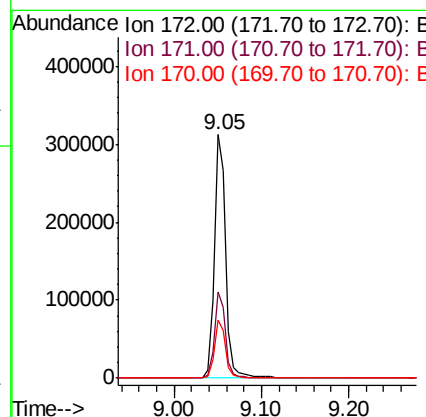
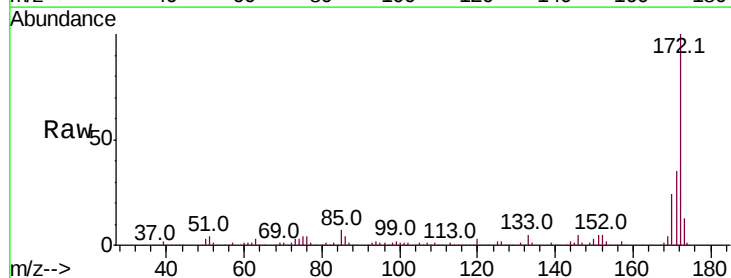
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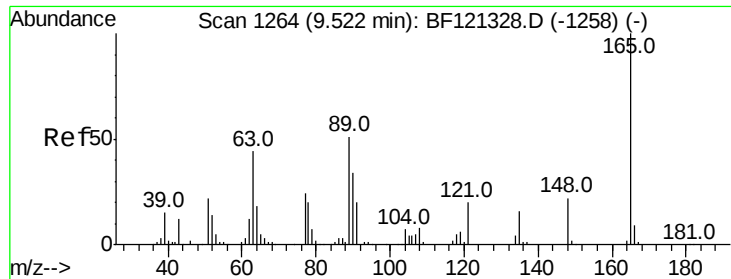
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.9	115.3
141	33.3	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 7.516 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.9	19.4	29.2

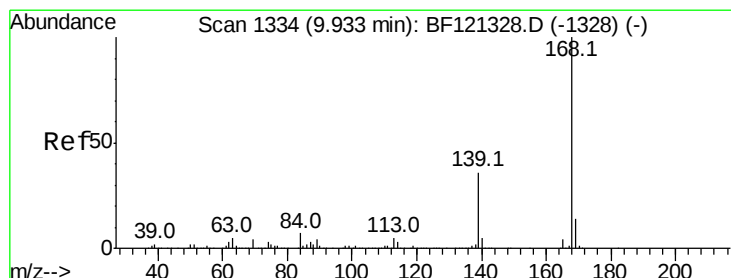
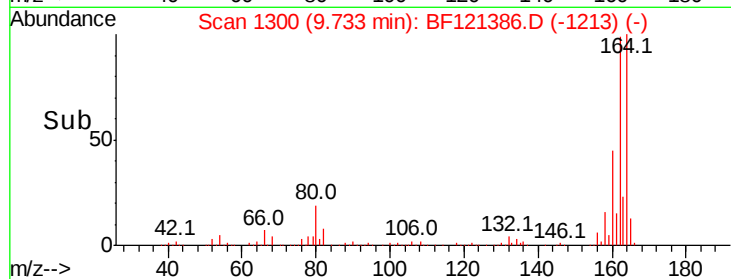
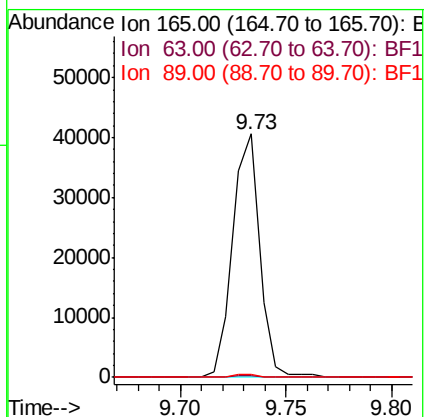
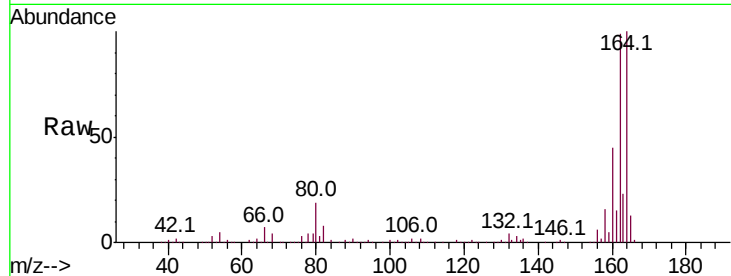




#51
 2,6-Dinitrotoluene
 Concen: 8.292 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

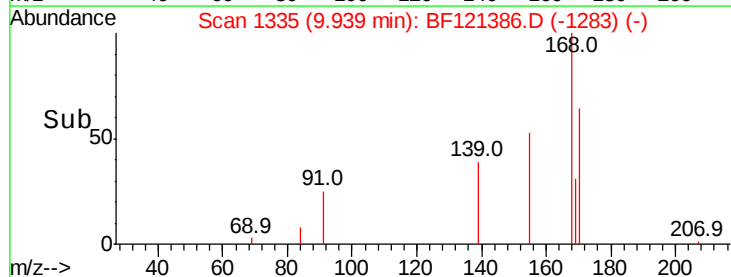
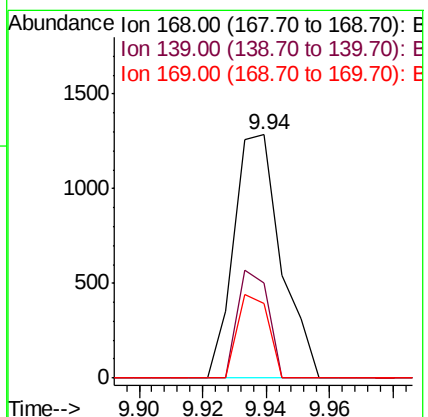
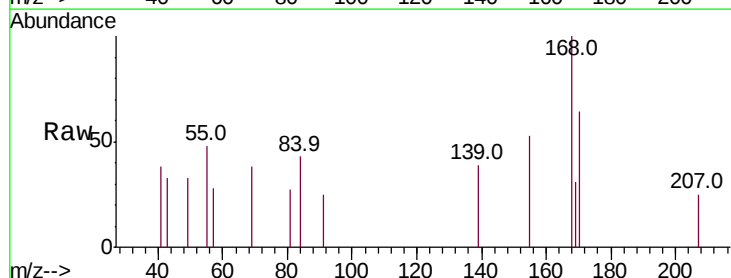
Instrument :
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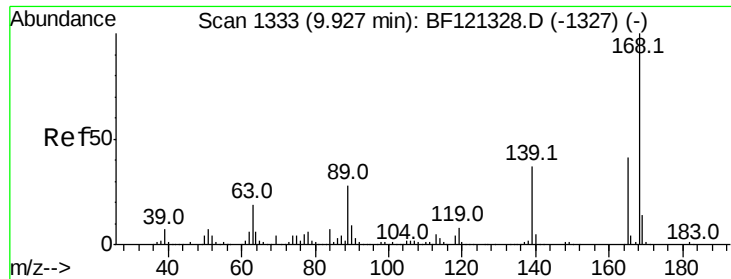
Tot Ion:165 Resp: 35920
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.5 57.7#
 89 1.5 41.2 61.8#



#55
 Dibenzofuran
 Concen: Below Cal
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

Tgt Ion:168 Resp: 1324
 Ion Ratio Lower Upper
 168 100
 139 38.9 29.1 43.7
 169 30.6 11.0 16.6#

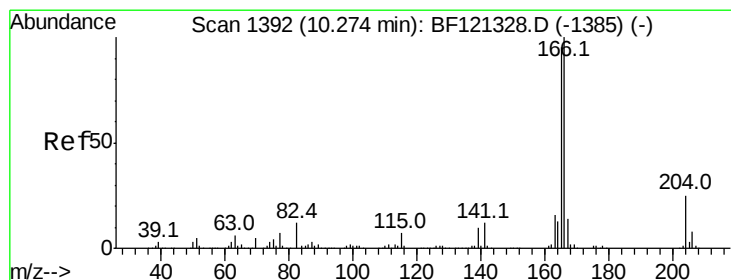
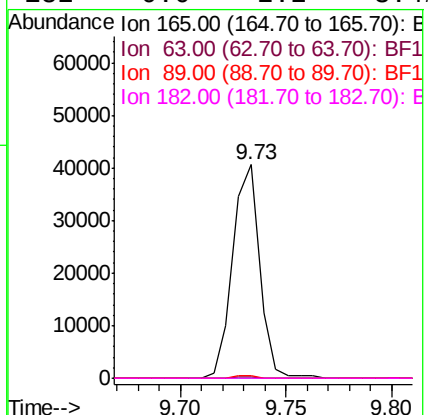
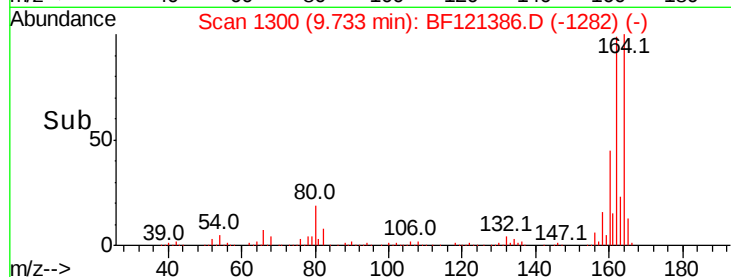
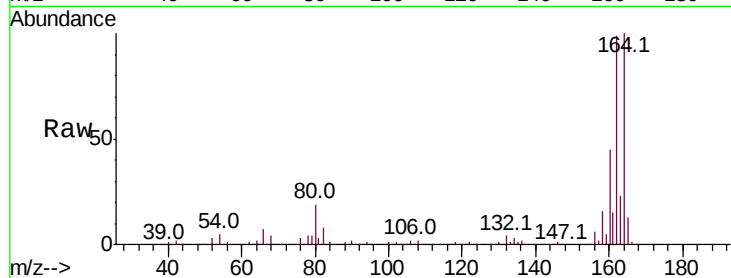




#57
2,4-Dinitrotoluene
Concen: 6.797 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.19 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

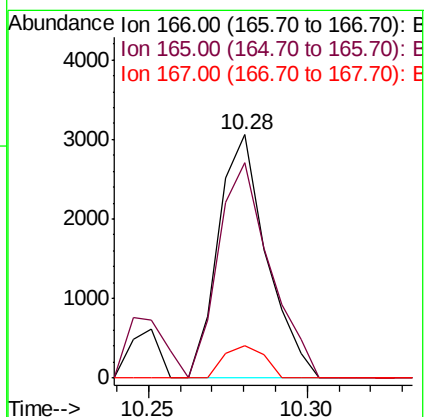
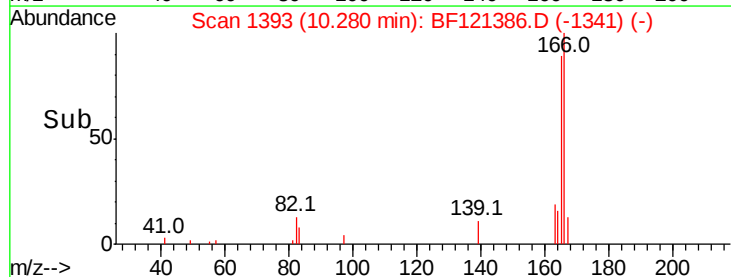
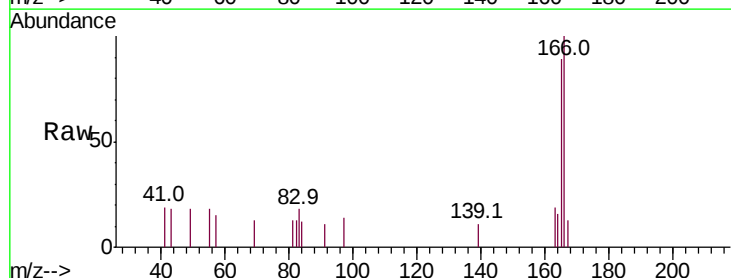
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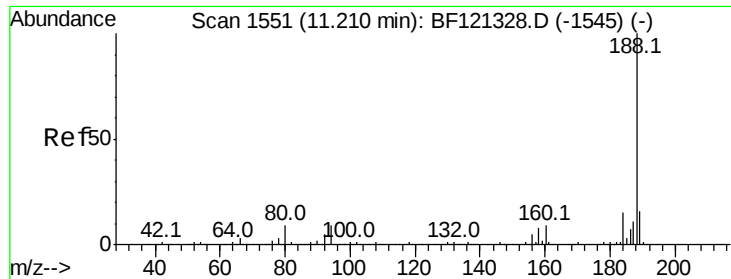
Tot Ion:165 Resp: 35920
Ion Ratio Lower Upper
165 100
63 0.9 37.5 56.3#
89 1.5 54.2 81.4#
182 0.0 2.2 3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

Tgt Ion:166 Resp: 3222
Ion Ratio Lower Upper
166 100
165 88.6 75.8 113.8
167 13.4 11.0 16.4

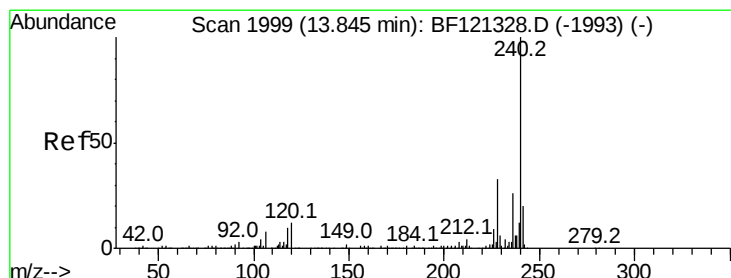
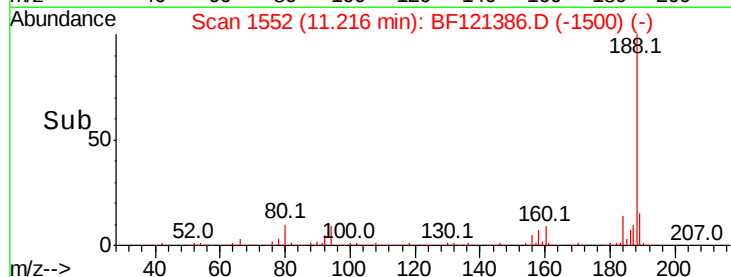
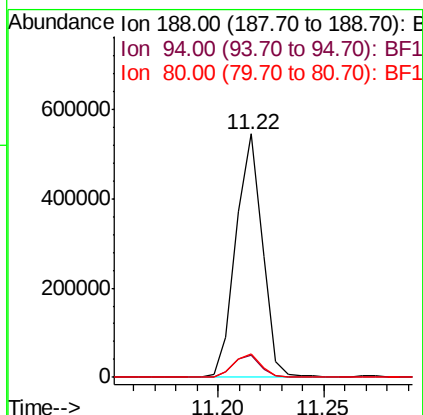
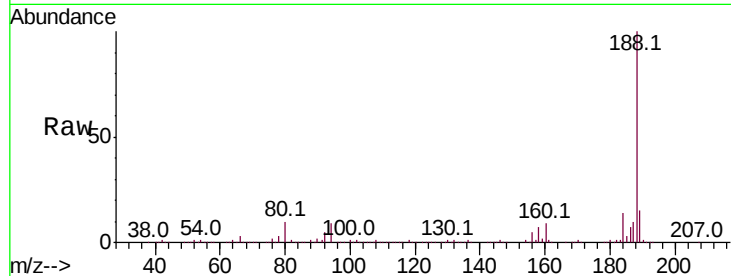




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

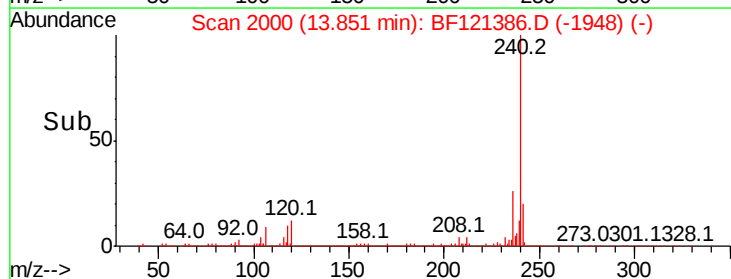
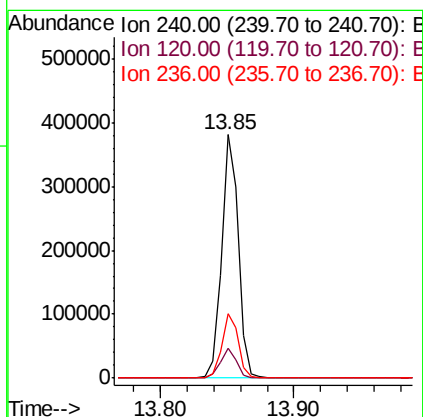
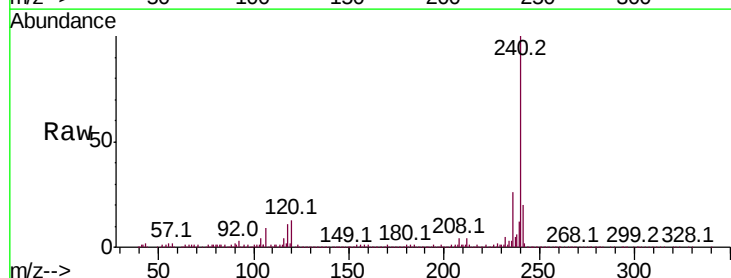
Instrument :
BNA_F
ClientSampleId :
OR-03-082020

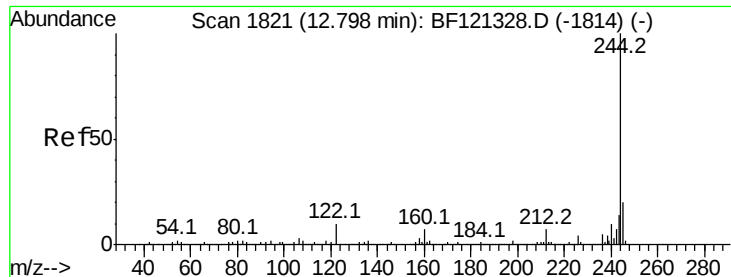
Tot Ion:188 Resp: 471319
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

Tgt Ion:240 Resp: 335826
Ion Ratio Lower Upper
240 100
120 12.5 9.6 14.4
236 26.4 20.6 31.0





#79

Terphenyl-d14

Concen: 13.100 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

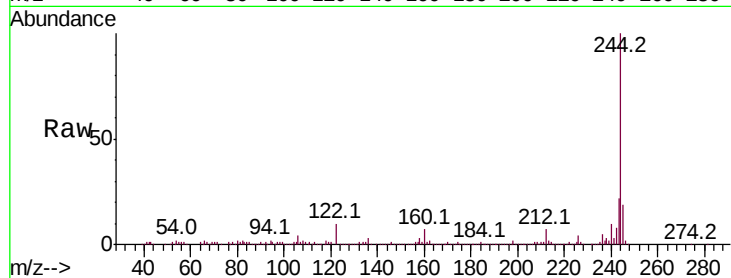
Tot Ion:244 Resp: 225134

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

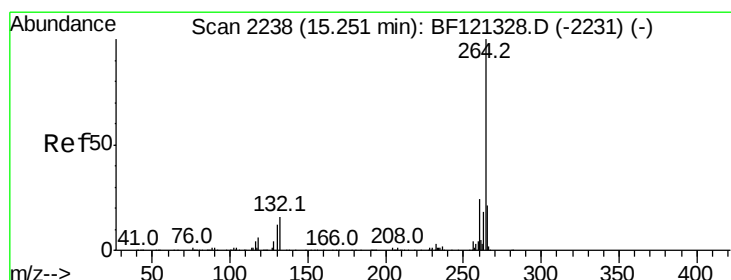
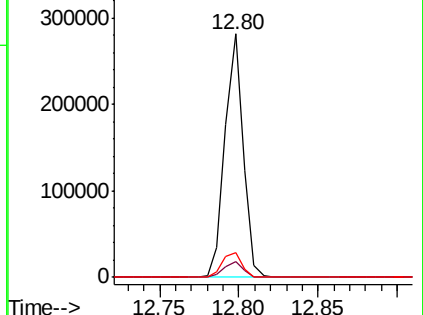
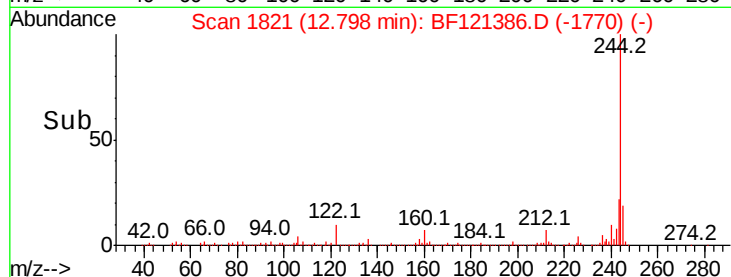
122 10.2 7.8 11.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

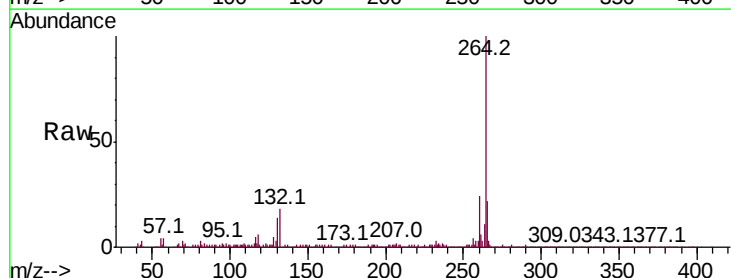
Tgt Ion:264 Resp: 349785

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.5 17.1 25.7



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

