

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121748.D
 Acq On : 30 Sep 2020 20:04
 Operator : JU/CG
 Sample : PB132010BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132010BL

Quant Time: Oct 01 00:36:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

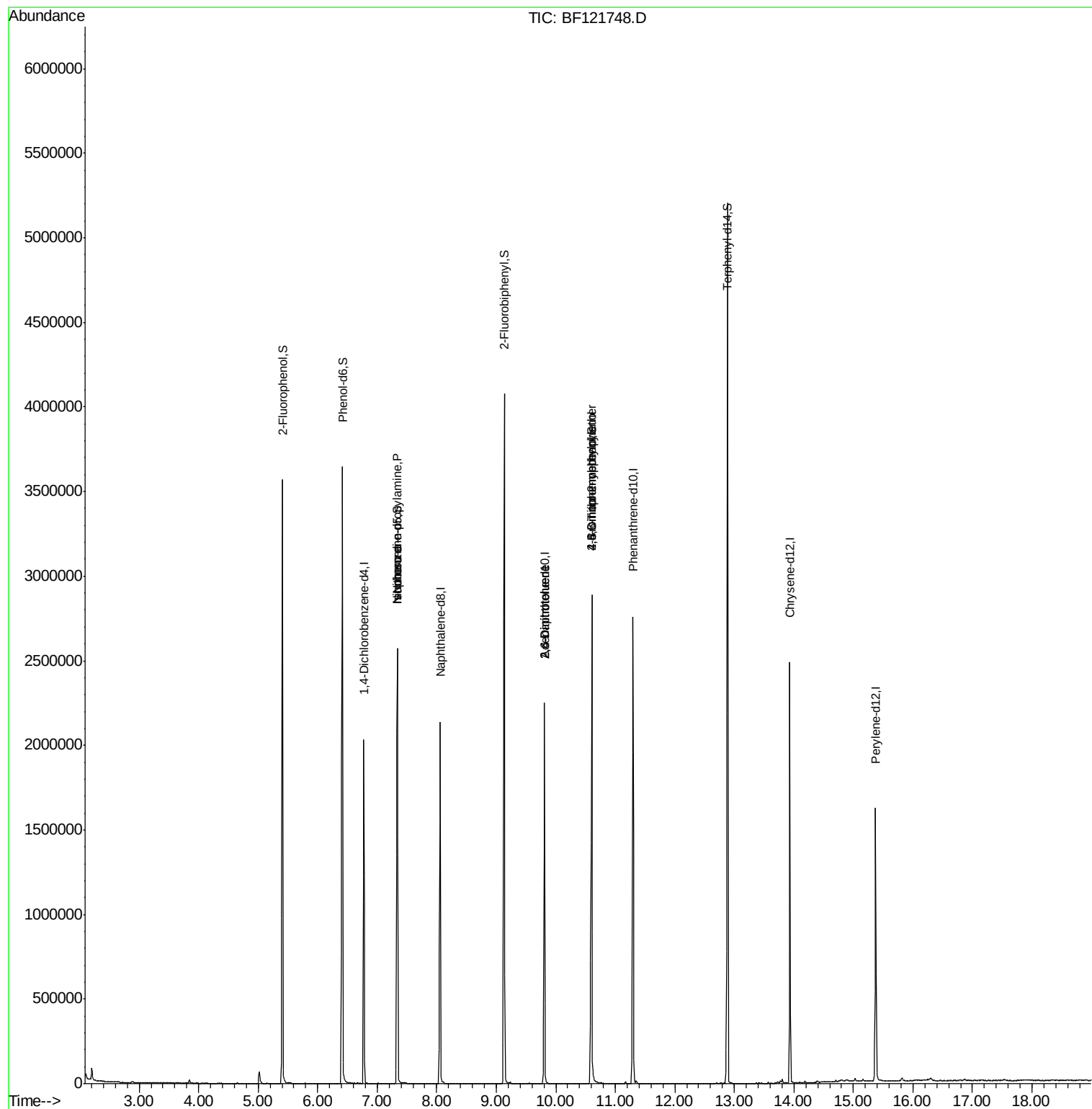
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	276762	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	1083593	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	578631	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	1103876	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	905054	20.00	ng	-0.01
86) Perylene-d12	15.37	264	731298	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1109992	59.60	ng	0.00
7) Phenol-d6	6.42	99	1404947	57.50	ng	-0.01
23) Nitrobenzene-d5	7.34	82	995810	49.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	465109	64.67	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1767981	46.28	ng	-0.02
79) Terphenyl-d14	12.89	244	1979748	44.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	133253	9.463	ng	# 78
25) Isophorone	7.34	82	978649	24.089	ng	# 66
51) 2,6-Dinitrotoluene	9.81	165	73158	8.191	ng	# 26
57) 2,4-Dinitrotoluene	9.81	165	73158	6.511	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	795	6.953	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	27663	2.201	ng	# 1

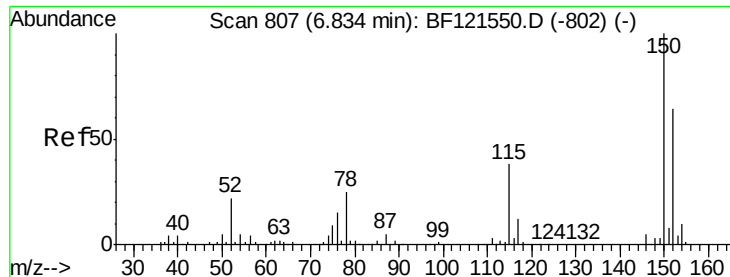
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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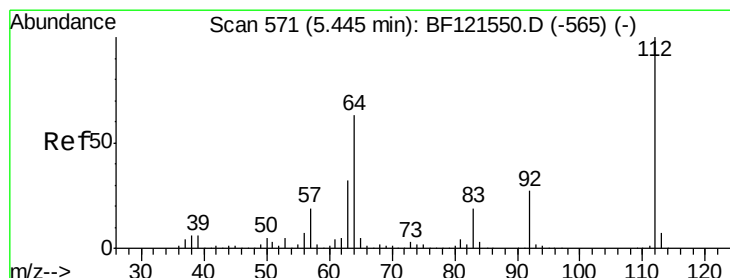
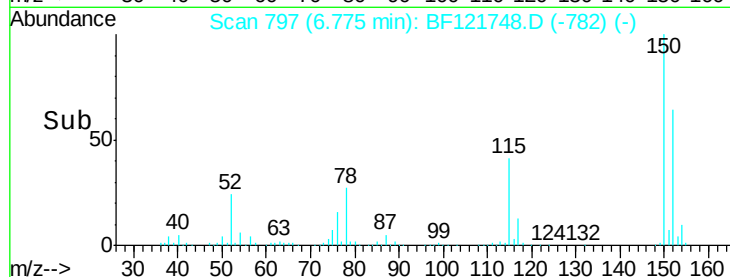
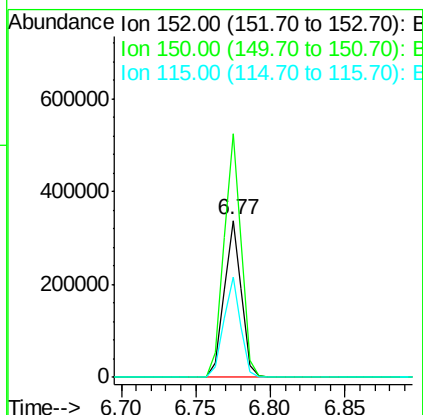
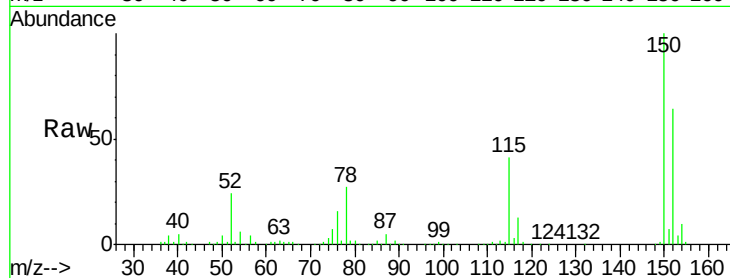


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Instrument :
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 ClientSampleId :
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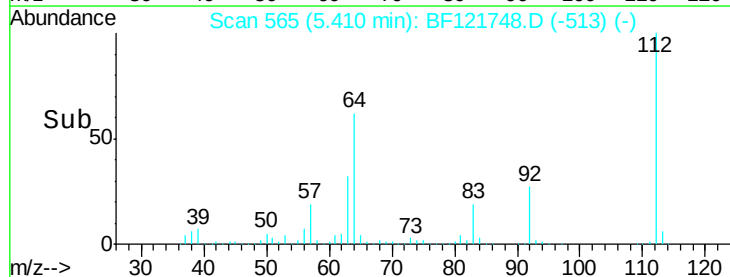
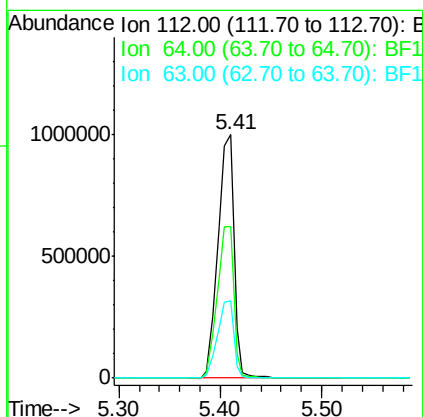
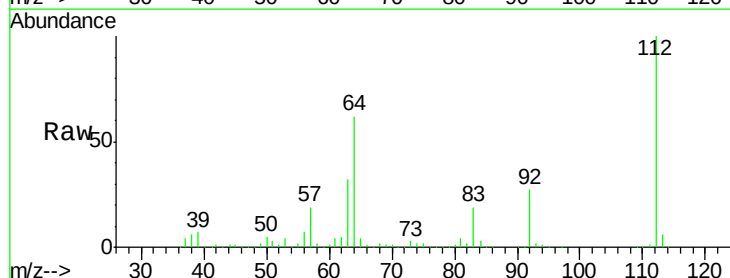
Tot Ion:152 Resp: 276762
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.8 188.8
 115 63.6 49.6 74.4

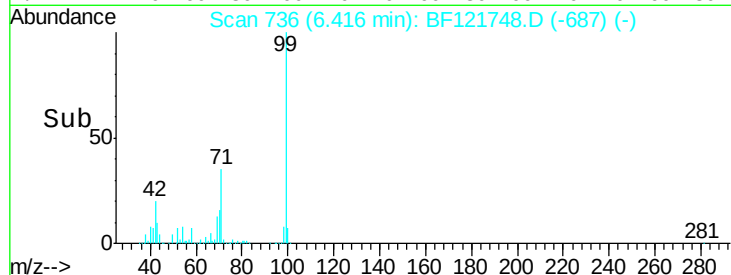
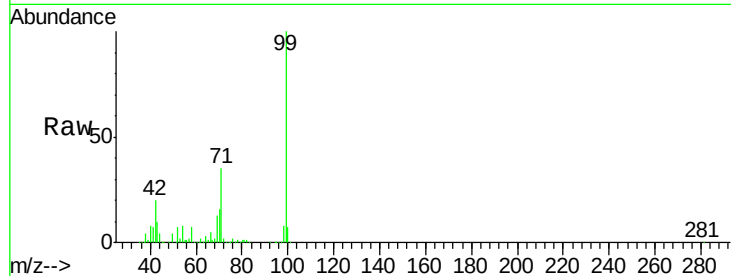
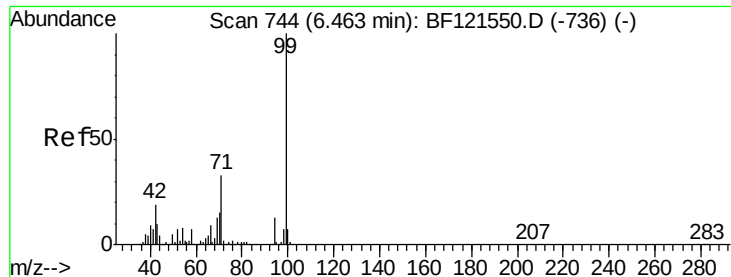


#5

2-Fluorophenol
 Concen: 59.603 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion:112 Resp: 1109992
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.2 76.8
 63 31.6 25.9 38.9





#7

Phenol-d6

Concen: 57.504 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB132010BL

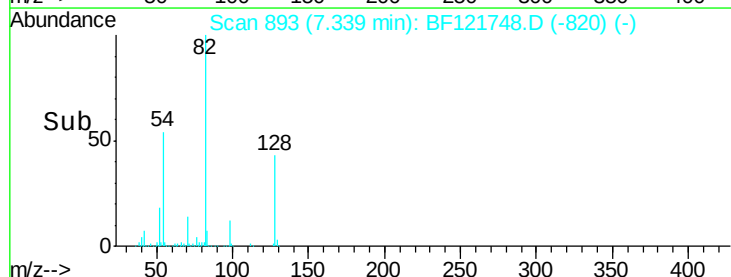
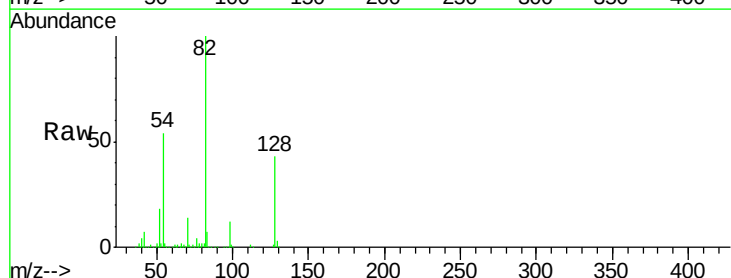
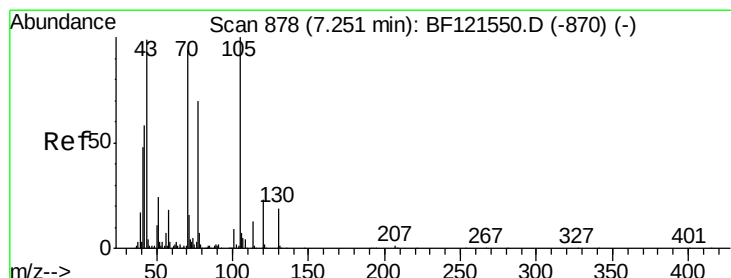
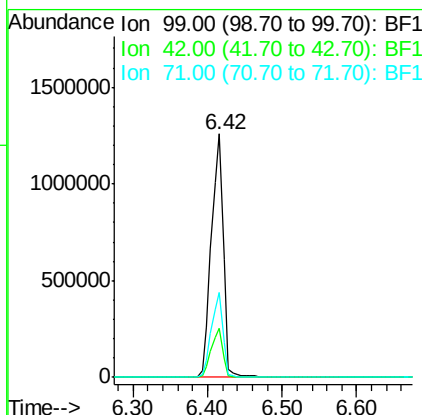
Tot Ion: 99 Resp: 1404947

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

71 34.9 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.463 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.13 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Tgt Ion: 70 Resp: 133253

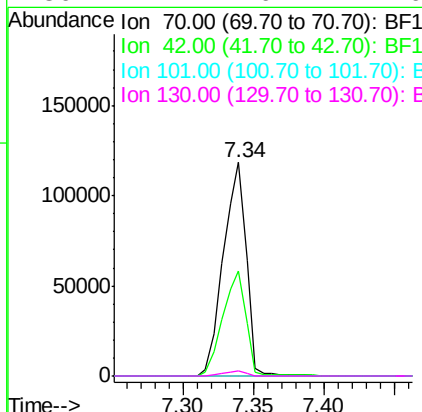
Ion Ratio Lower Upper

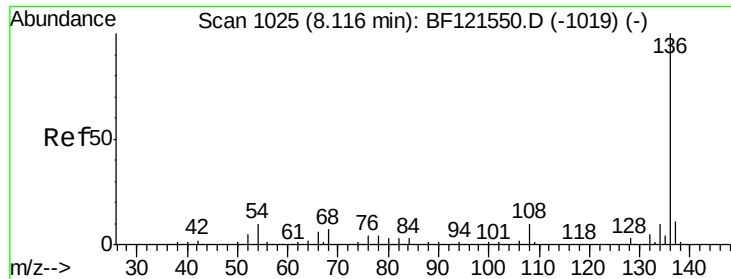
70 100

42 49.1 48.6 73.0

101 0.0 7.5 11.3#

130 2.1 16.4 24.6#

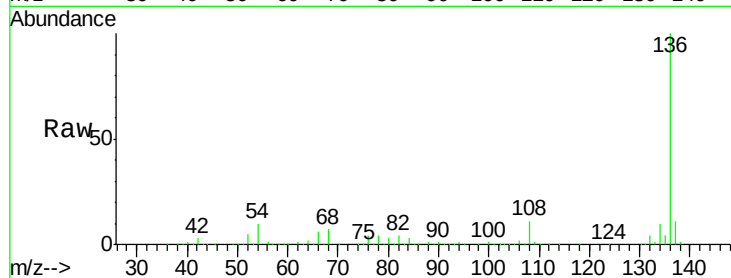




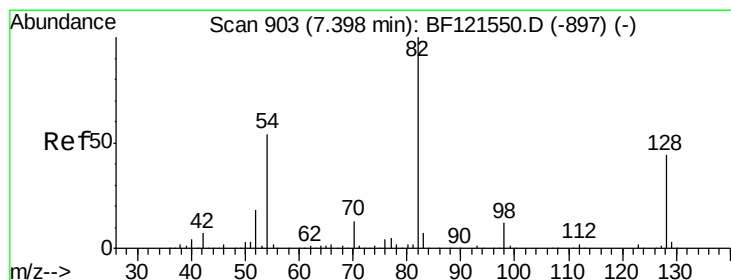
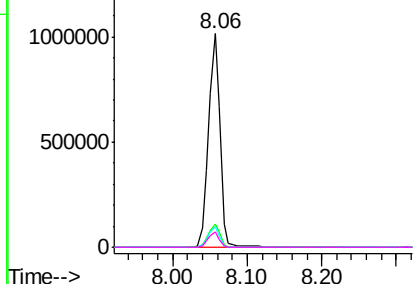
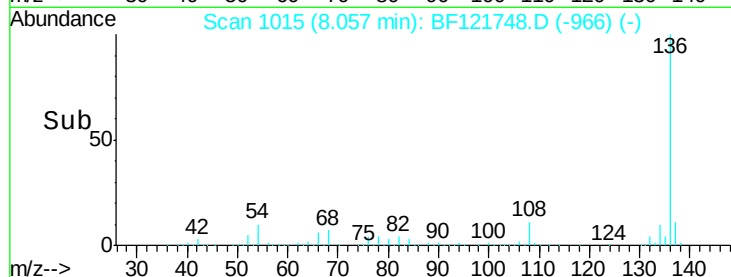
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121748.D
Acq: 30 Sep 2020 20:04

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Tot Ion:136 Resp: 1083593
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.8 7.8 11.8
68 7.1 5.6 8.4

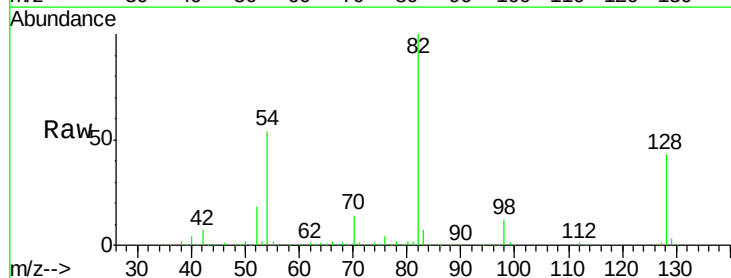


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

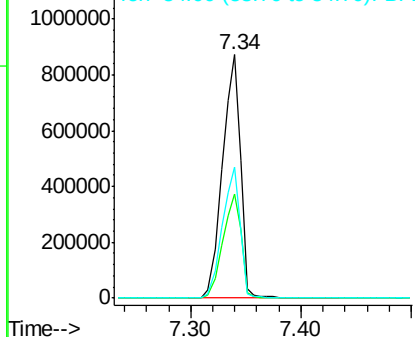
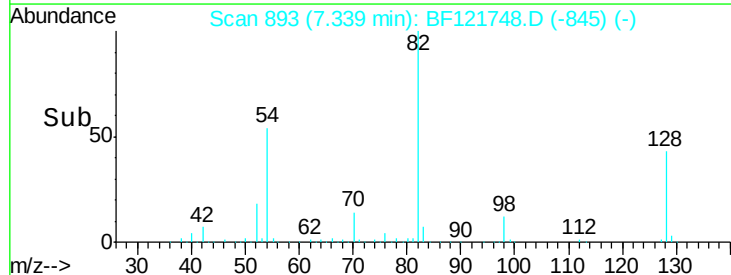


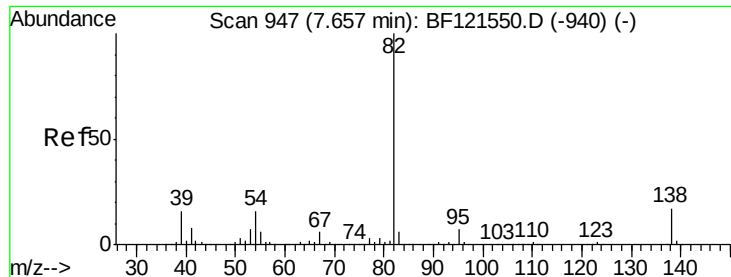
#23
Nitrobenzene-d5
Concen: 49.342 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121748.D
Acq: 30 Sep 2020 20:04

Tgt Ion: 82 Resp: 995810
Ion Ratio Lower Upper
82 100
128 43.0 35.0 52.4
54 54.0 42.5 63.7



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

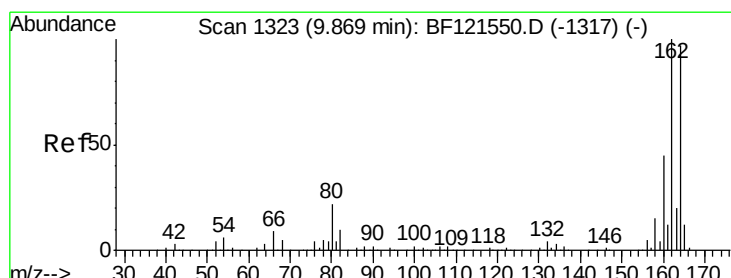
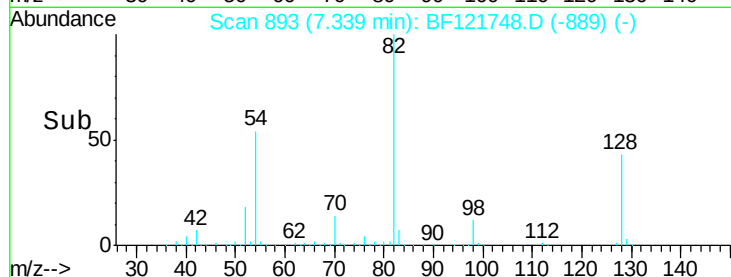
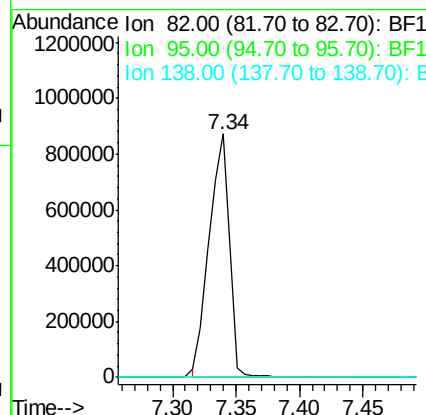
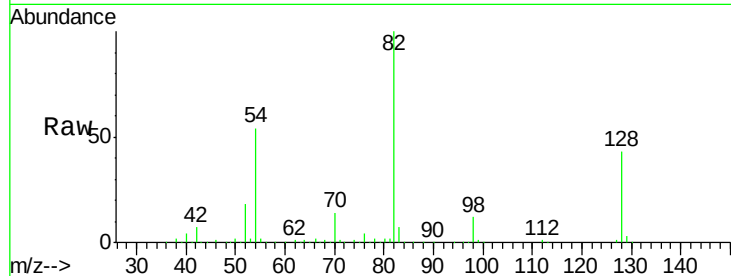




#25
Isophorone
Concen: 24.089 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.28 min
Lab File: BF121748.D
Acq: 30 Sep 2020 20:04

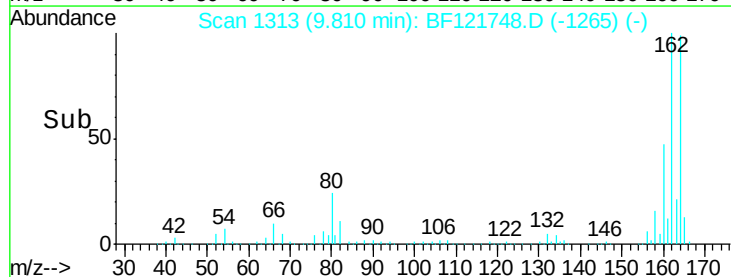
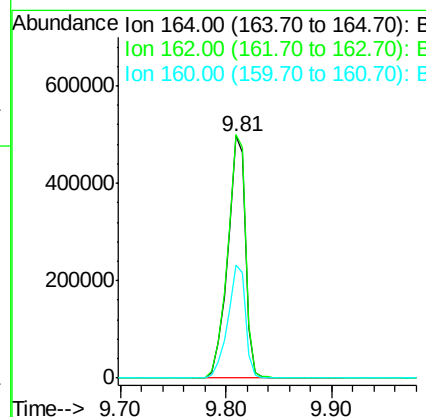
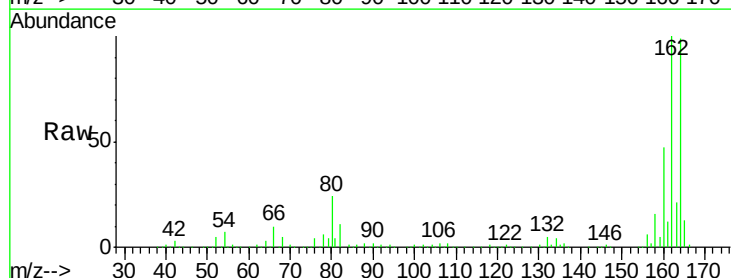
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ClientSampleId :
PB132010BL

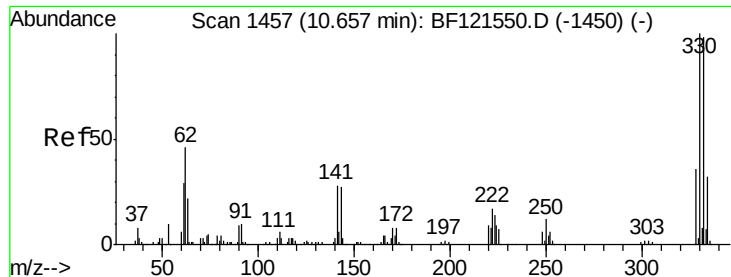
Tot Ion: 82 Resp: 978649
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121748.D
Acq: 30 Sep 2020 20:04

Tgt Ion: 164 Resp: 578631
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 46.8 36.9 55.3

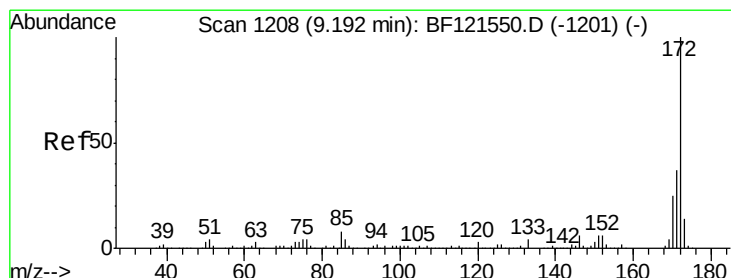
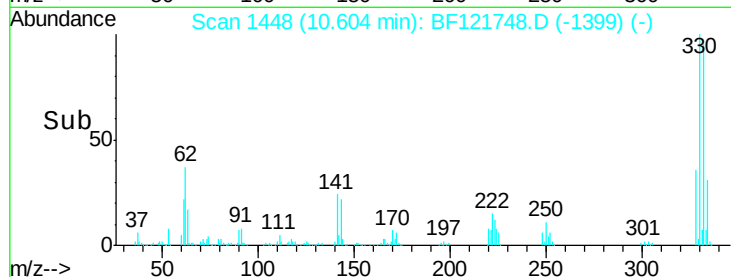
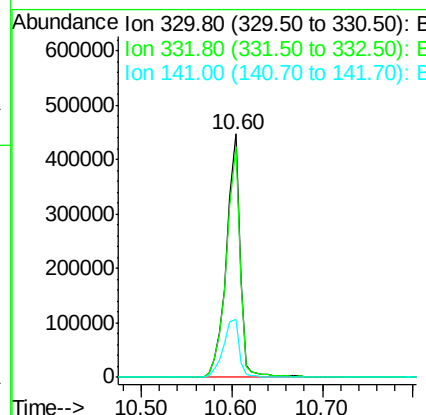
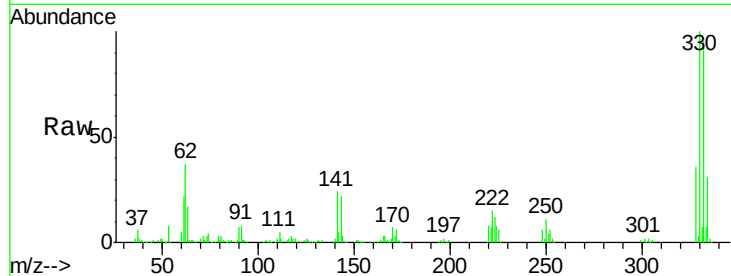




#42
 2,4,6-Tribromophenol
 Concen: 64.674 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

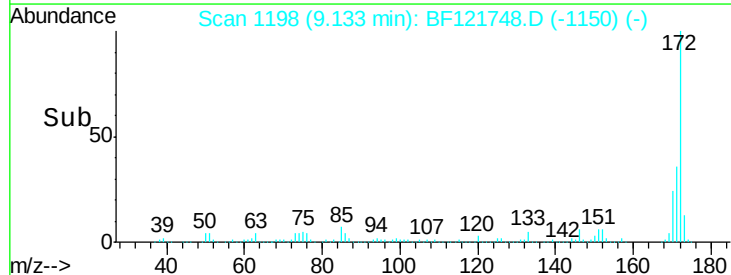
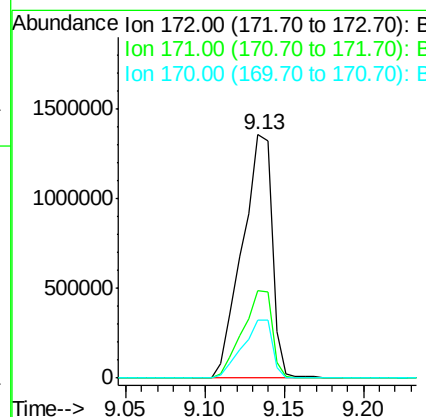
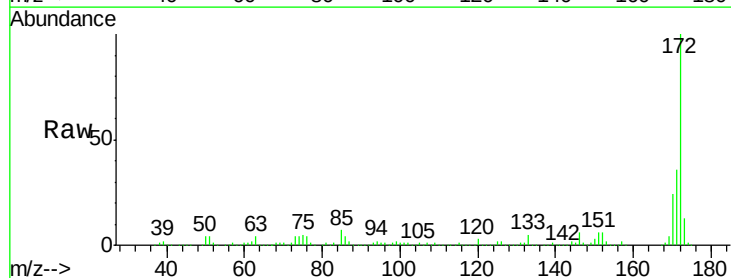
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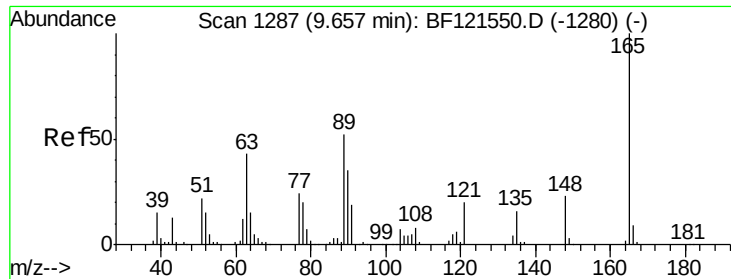
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	27.8	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 46.276 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.0	19.7	29.5

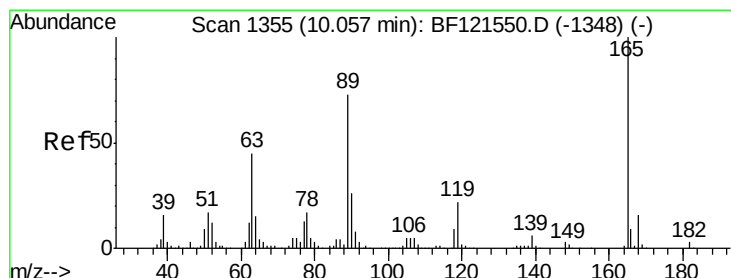
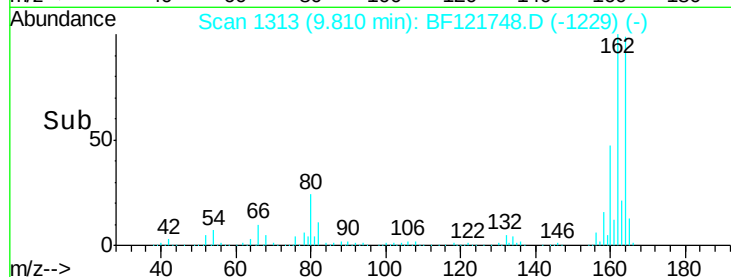
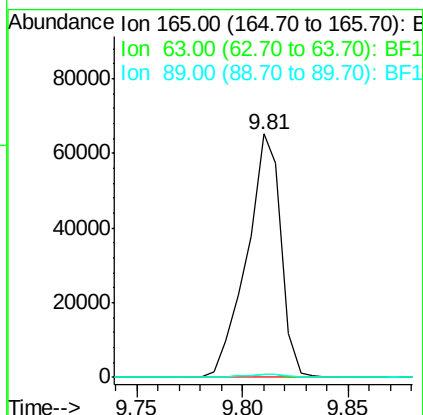
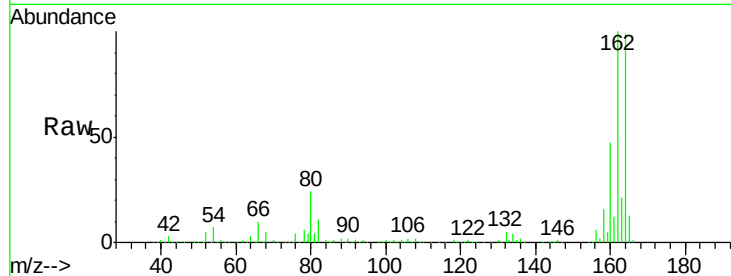




#51
 2,6-Dinitrotoluene
 Concen: 8.191 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.19 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

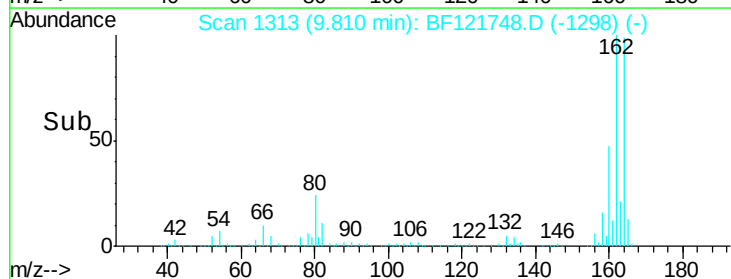
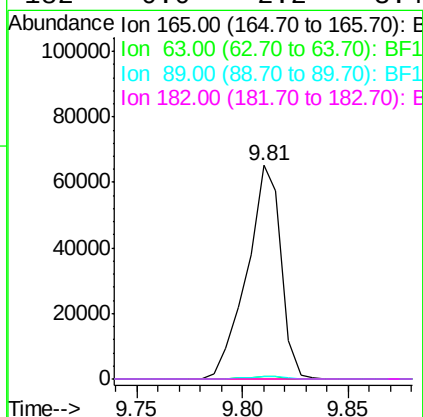
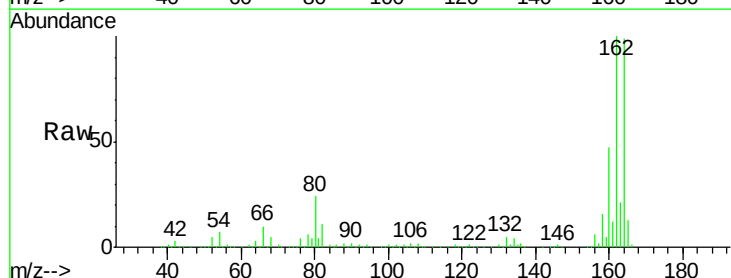
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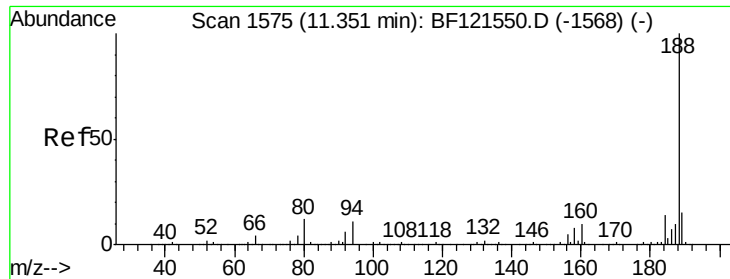
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.8	65.6#
89	1.2	43.0	64.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.511 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.21 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.0	58.6#
89	1.2	57.5	86.3#
182	0.0	2.2	3.4#

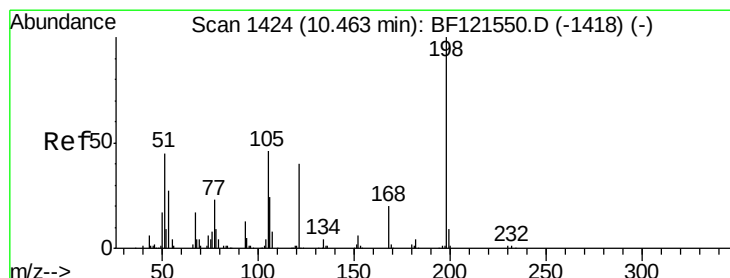
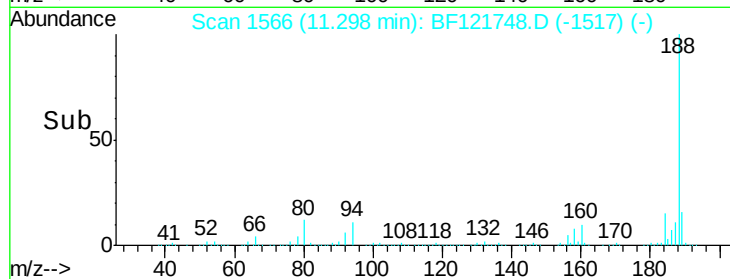
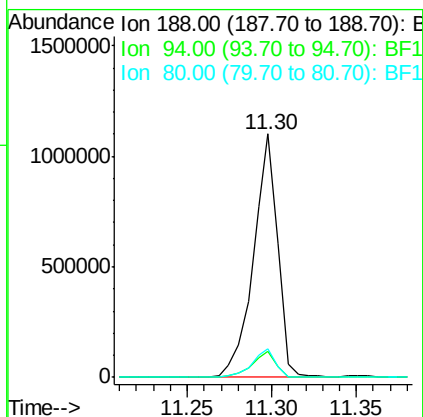
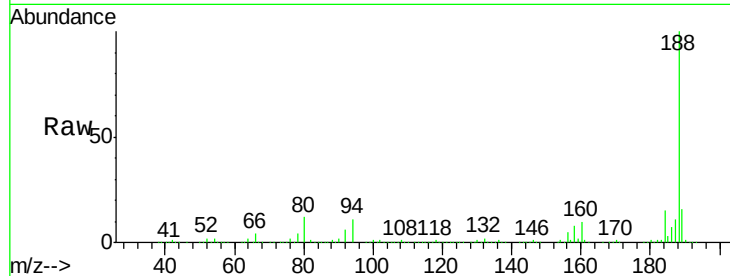




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

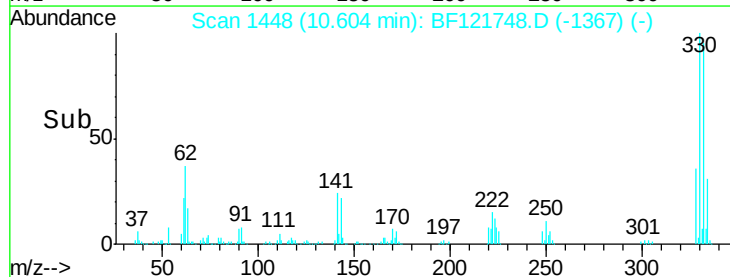
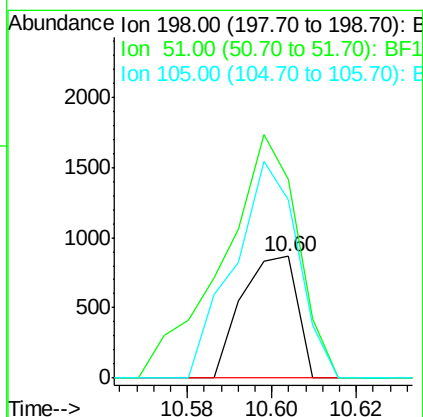
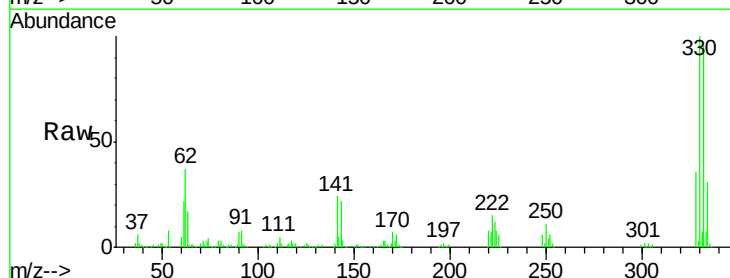
Instrument :
 BNA_F
 ClientSampled :
 PB132010BL

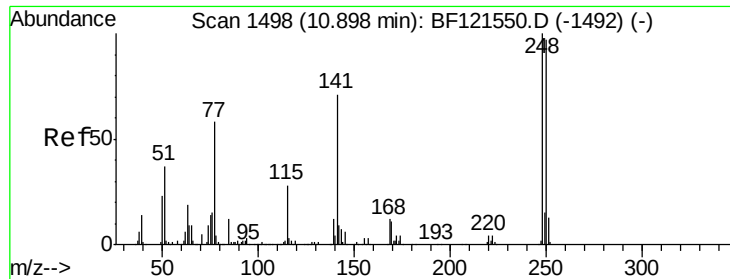
Tot Ion:188 Resp: 1103876
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.2 12.2
 80 11.6 8.9 13.3



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.953 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.18 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion:198 Resp: 795
 Ion Ratio Lower Upper
 198 100
 51 163.6 34.7 74.7#
 105 146.3 27.8 67.8#

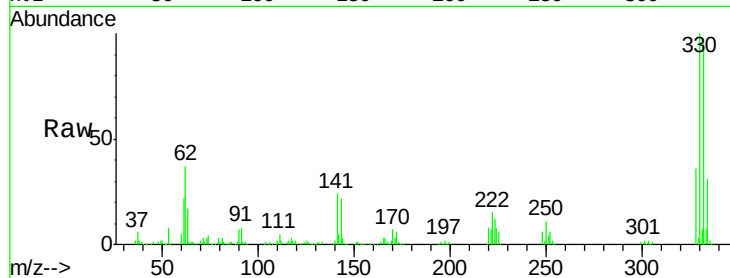




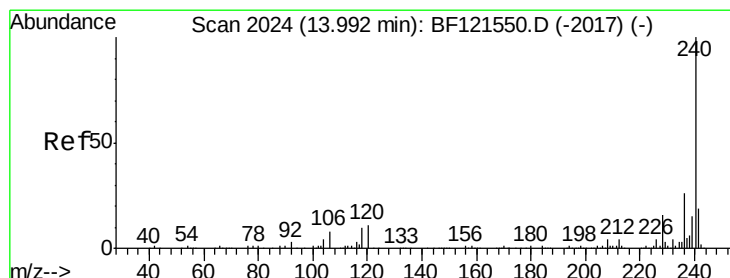
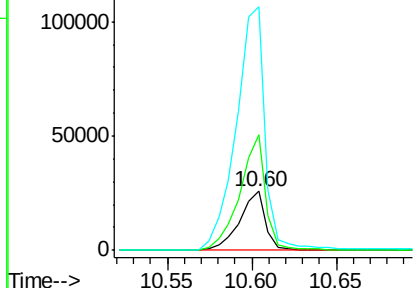
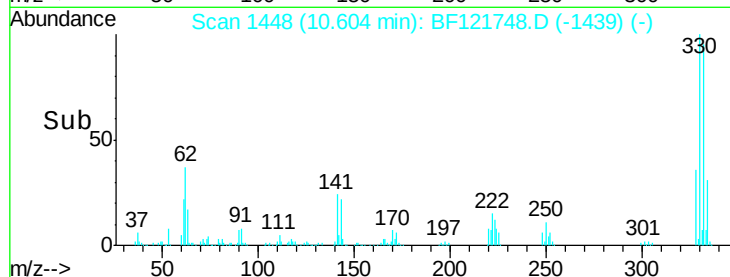
#67
 4-Bromophenyl-phenylether
 Concen: 2.201 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132010BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.7	78.6	118.0#
141	412.6	60.0	90.0#

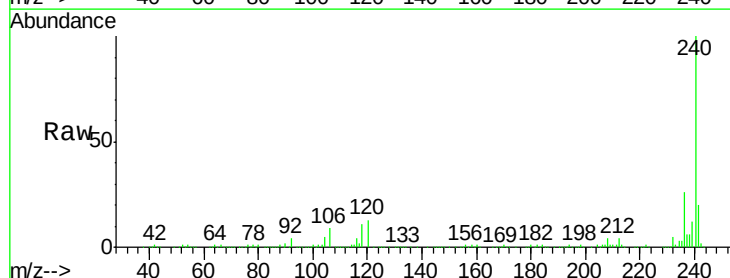


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

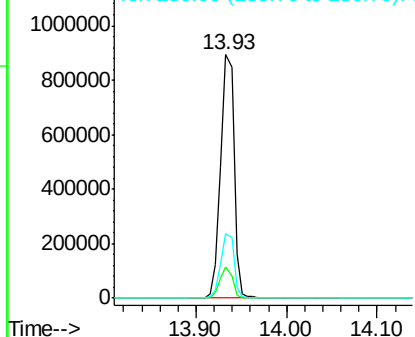
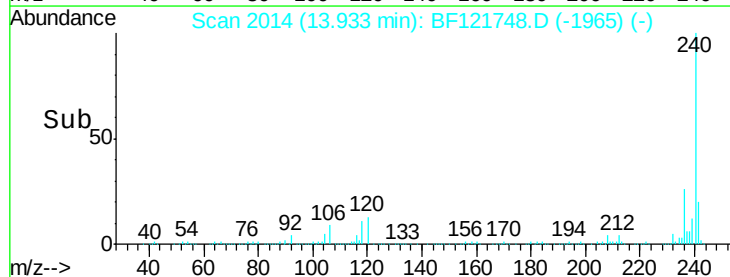


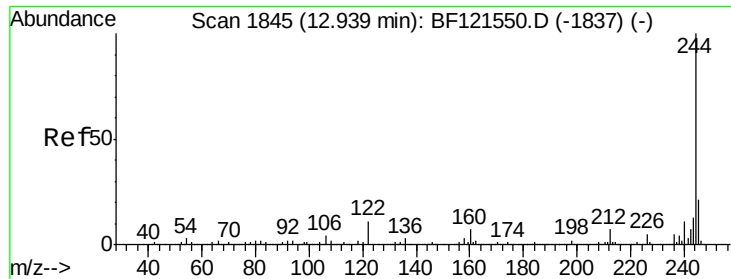
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121748.D
 Acq: 30 Sep 2020 20:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.4
236	26.4	20.4	30.6



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: 44.315 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB132010BL

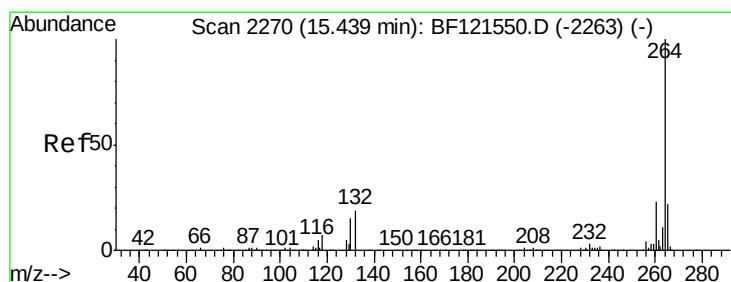
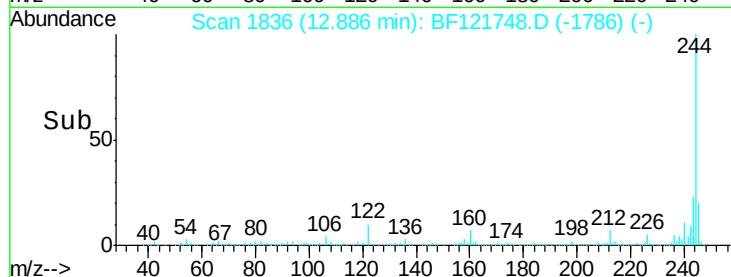
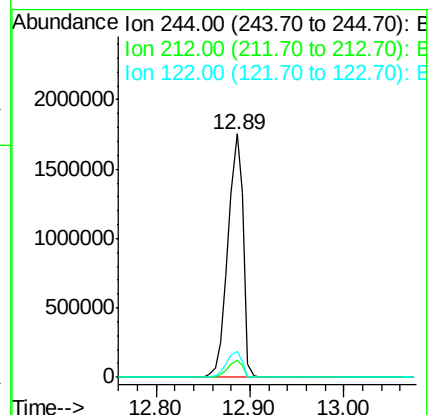
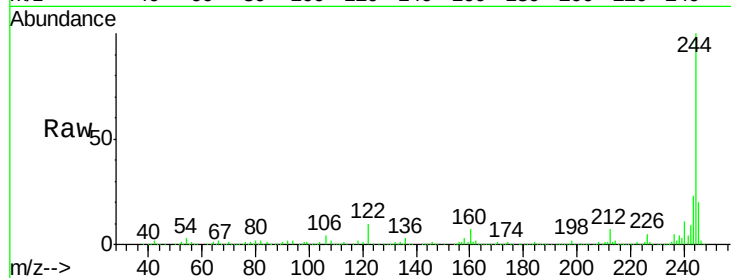
Tot Ion:244 Resp: 1979748

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF121748.D

Acq: 30 Sep 2020 20:04

Tgt Ion:264 Resp: 731298

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.2 17.3 25.9

