

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122153.D
 Acq On : 28 Oct 2020 18:00
 Operator : JU/CG
 Sample : L4527-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26414-26215

Quant Time: Oct 28 18:29:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

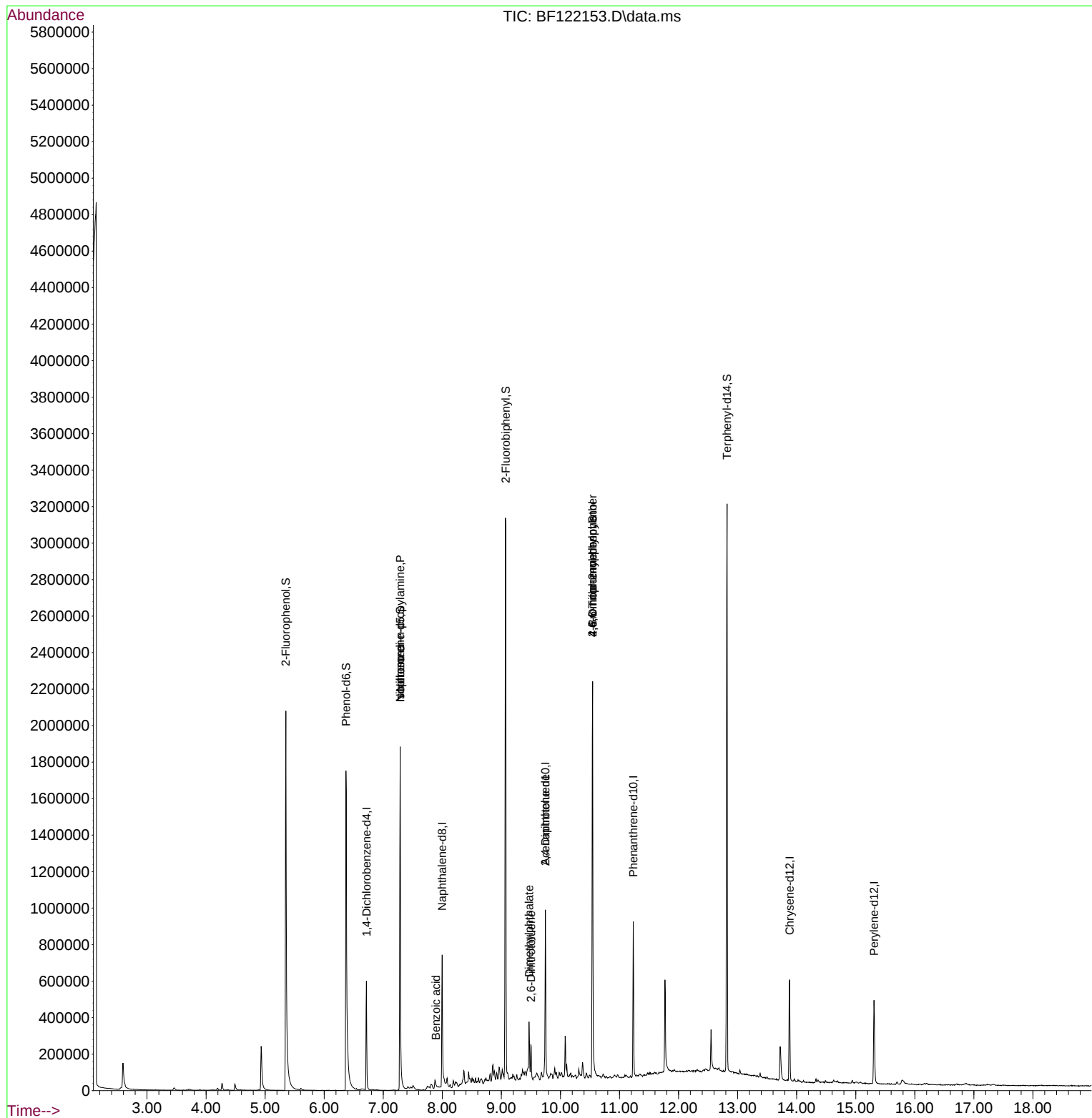
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	87088	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	340743	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	169039	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	288618	20.00	ng	0.00
76) Chrysene-d12	13.880	240	203176	20.00	ng	0.00
86) Perylene-d12	15.310	264	214925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	713784	120.97	ng	0.02
7) Phenol-d6	6.369	99	826947	108.87	ng	0.00
23) Nitrobenzene-d5	7.287	82	631355	95.02	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	303883	145.33	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1087251	94.64	ng	0.00
79) Terphenyl-d14	12.821	244	995095	93.34	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1102	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.287	70	85419	19.75	ng	# 78
25) Isophorone	7.287	82	631348	50.25	ng	# 67
32) Benzoic acid	7.892	122	111	7.71	ng	# 18
50) Dimethylphthalate	9.469	163	108232	8.76	ng	# 99
51) 2,6-Dinitrotoluene	9.504	165	17304	6.38	ng	# 23
57) 2,4-Dinitrotoluene	9.745	165	21957	6.58	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.545	198	602	4.72	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	17961	5.39	ng	# 1

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

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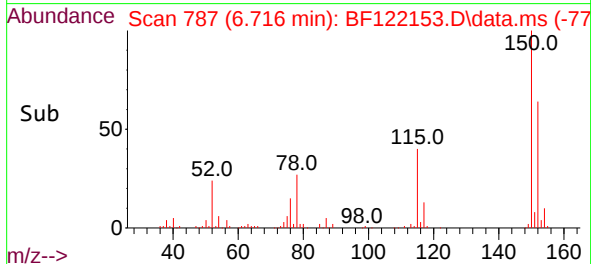
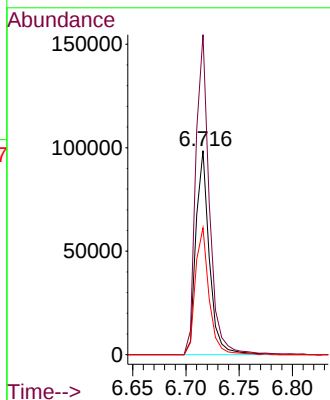
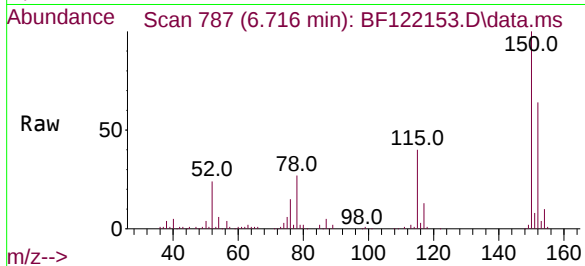




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

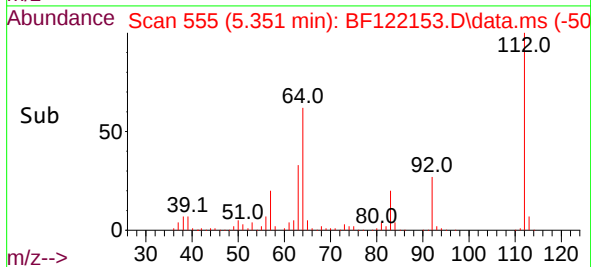
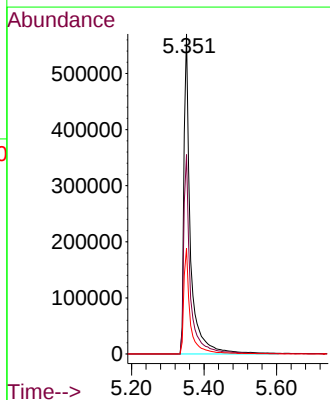
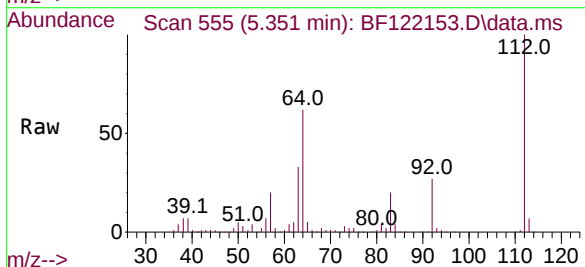
Instrument :
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26414-26215

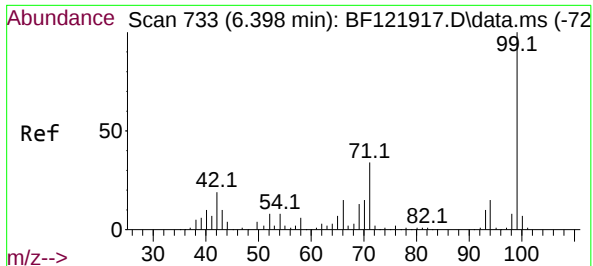
Tgt Ion:152 Resp: 87088
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 62.2 51.9 77.9



#5
2-Fluorophenol
Concen: 120.97 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion:112 Resp: 713784
Ion Ratio Lower Upper
112 100
64 62.3 50.4 75.6
63 33.0 25.8 38.6

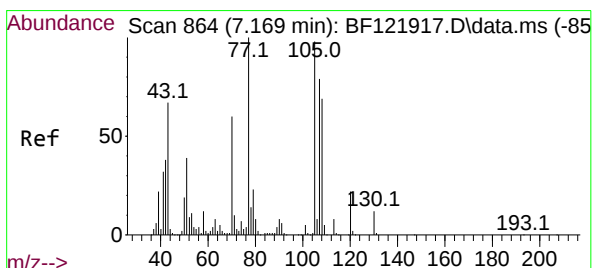
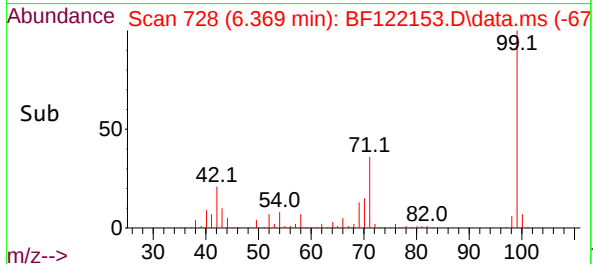
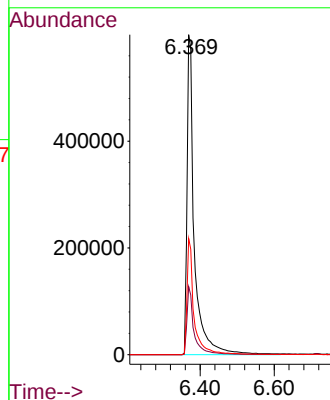
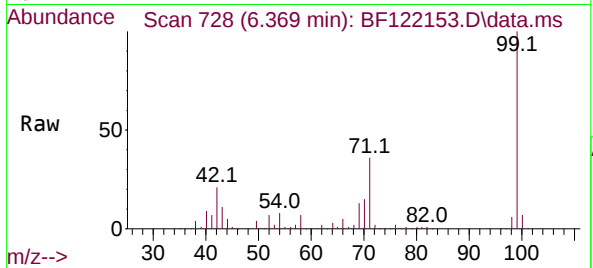




#7
Phenol-d6
Concen: 108.87 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

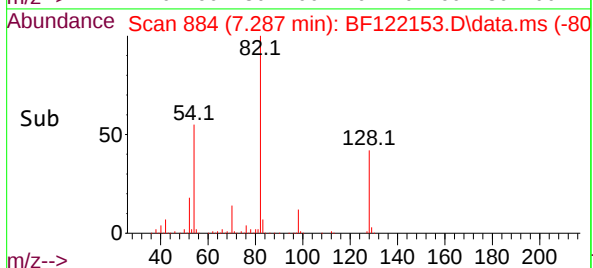
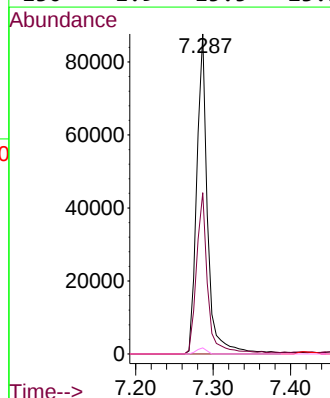
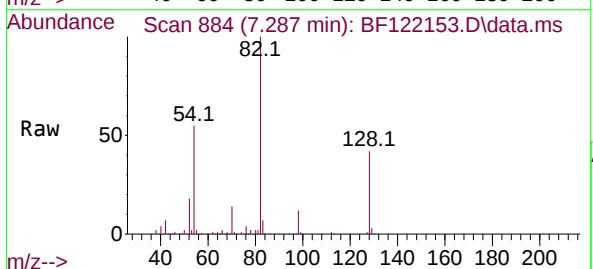
Instrument :
BNA_F
ClientSampleId :
26414-26215

Tgt Ion: 99 Resp: 826947
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 36.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.75 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

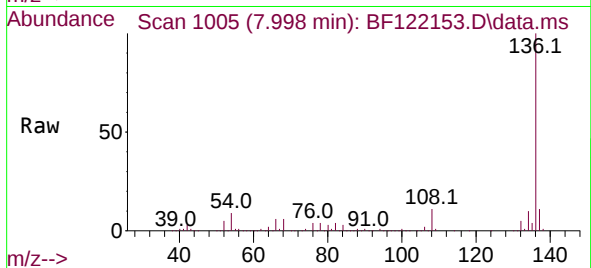
Tgt Ion: 70 Resp: 85419
Ion Ratio Lower Upper
70 100
42 50.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



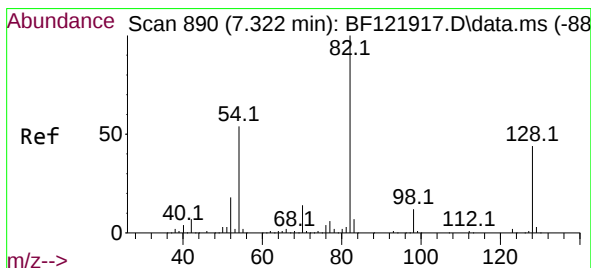
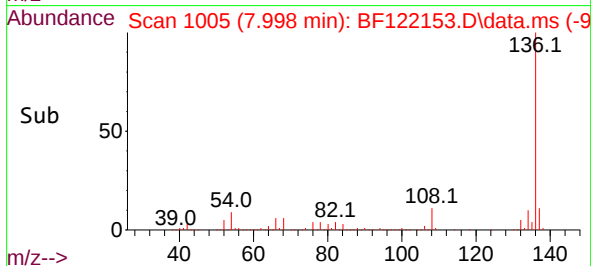
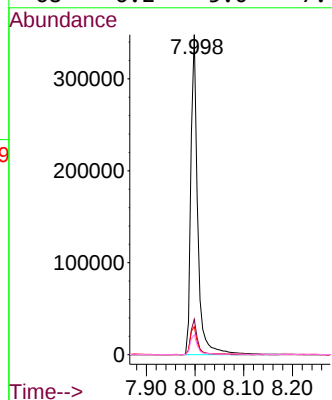


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Instrument :
BNA_F
ClientSampleId :
26414-26215

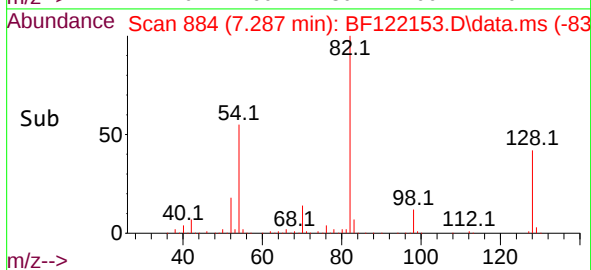
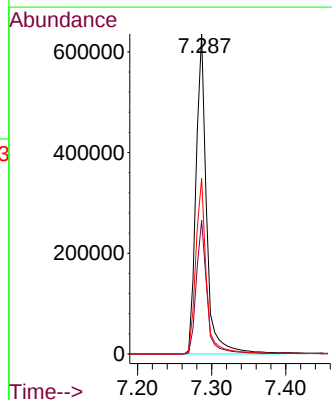
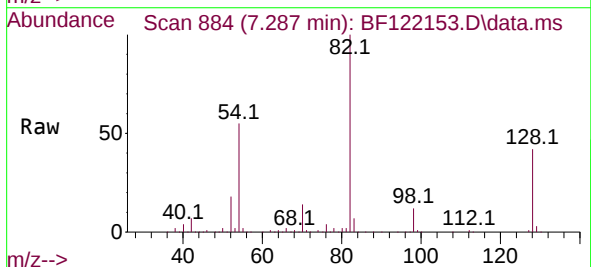


Tgt Ion:136 Resp: 340743
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.1 10.7
68 6.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 95.02 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion: 82 Resp: 631355
Ion Ratio Lower Upper
82 100
128 41.7 35.0 52.4
54 54.8 43.9 65.9

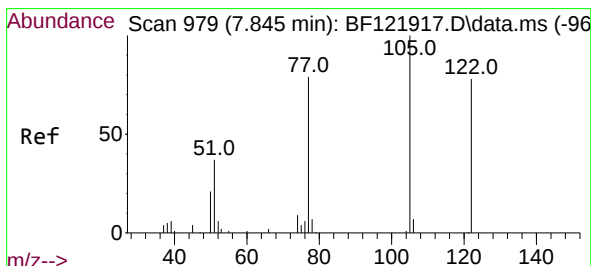
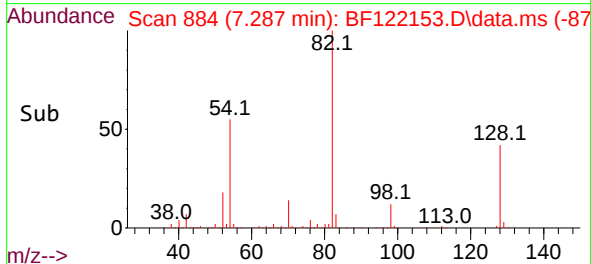
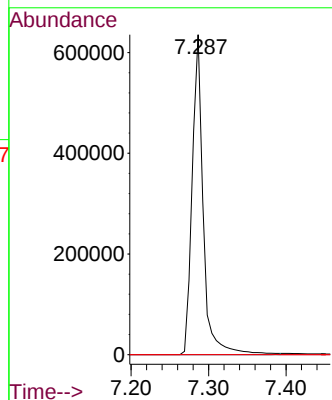
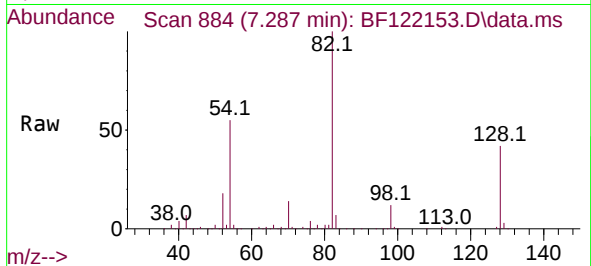




#25
Isophorone
Concen: 50.25 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

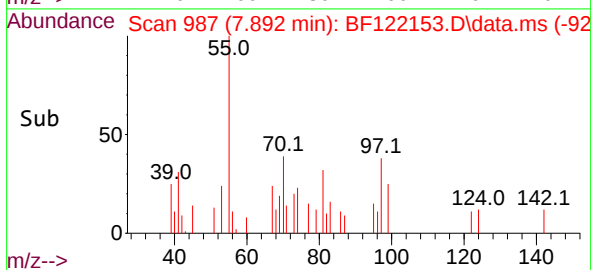
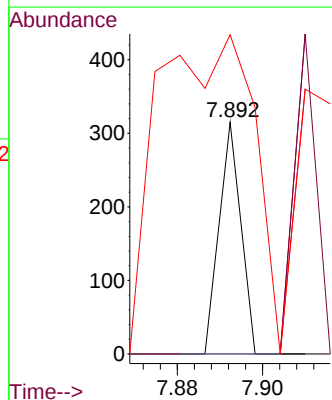
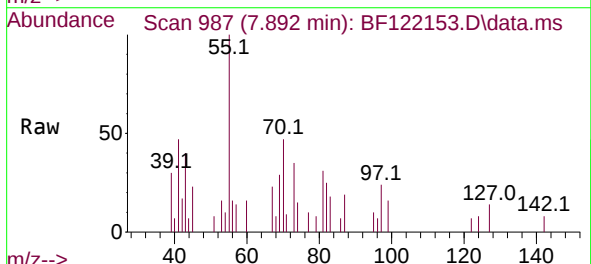
Instrument :
BNA_F
ClientSampleId :
26414-26215

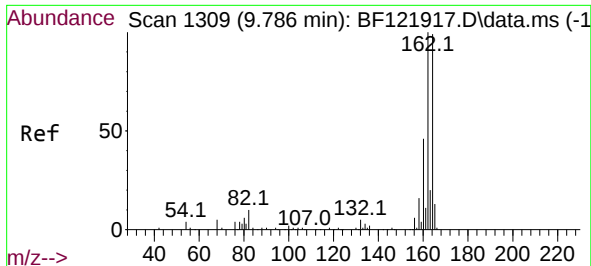
Tgt Ion: 82 Resp: 631348
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.71 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.065 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 137.8 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122153.D

Acq: 28 Oct 2020 18:00

Tgt Ion:164 Resp: 169039

Ion Ratio Lower Upper

164 100

162 102.9 83.2 124.8

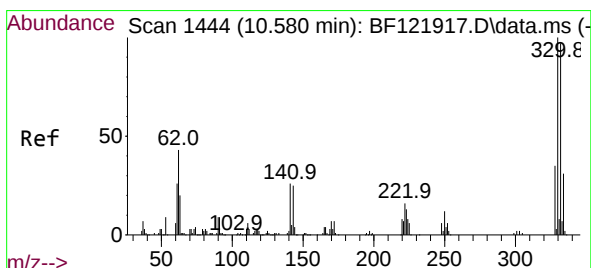
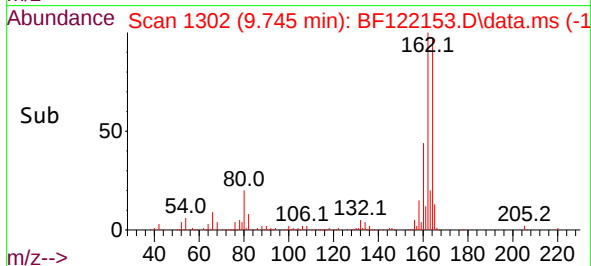
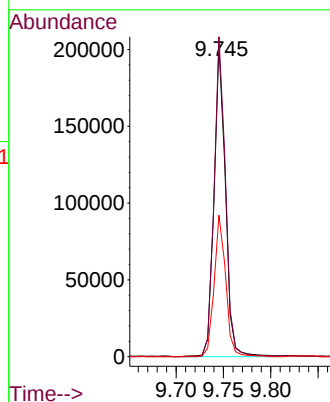
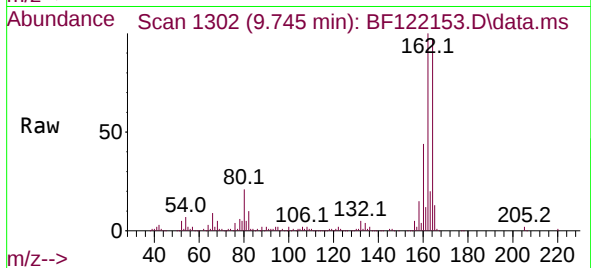
160 45.5 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

26414-26215



#42

2,4,6-Tribromophenol

Concen: 145.33 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF122153.D

Acq: 28 Oct 2020 18:00

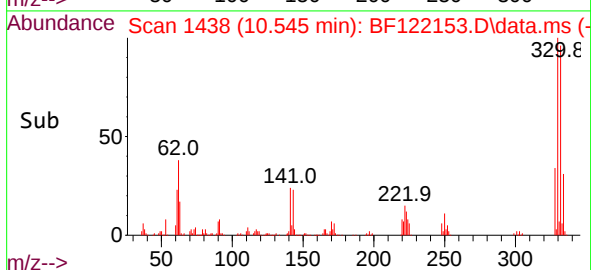
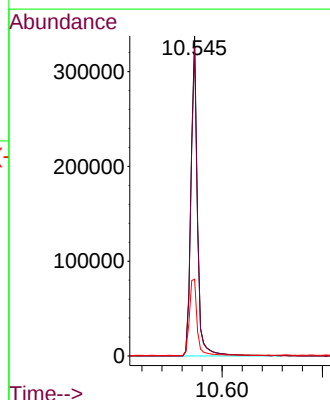
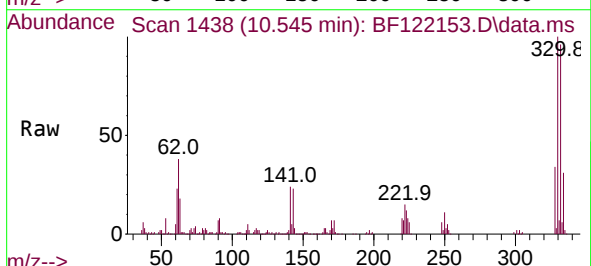
Tgt Ion:330 Resp: 303883

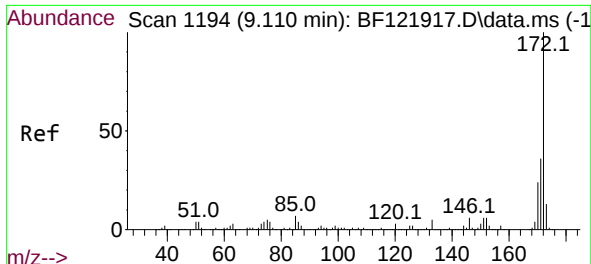
Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 28.2 22.3 33.5

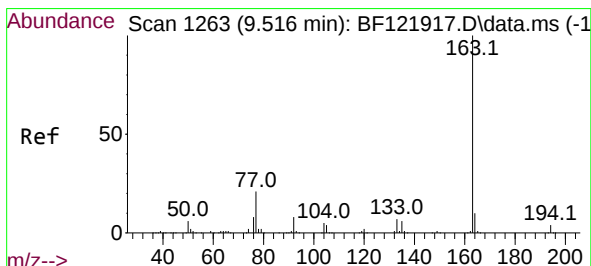
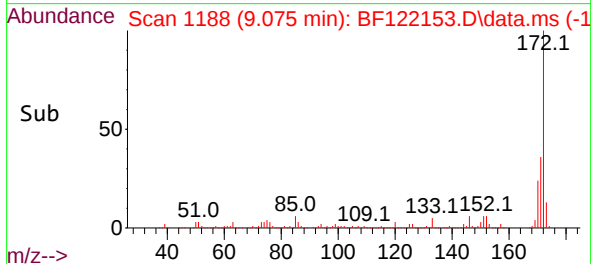
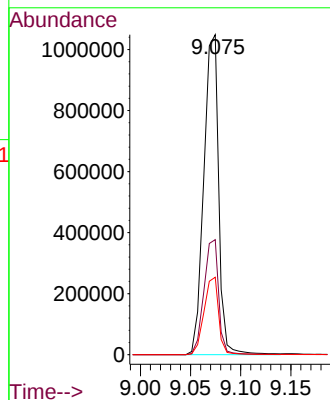
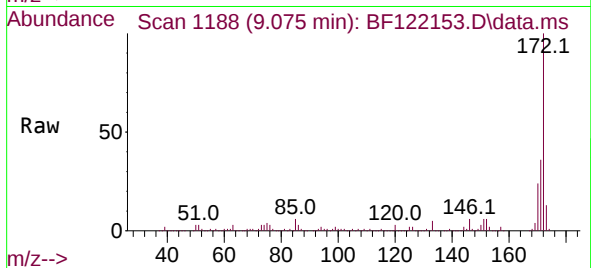




#45
2-Fluorobiphenyl
Concen: 94.64 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

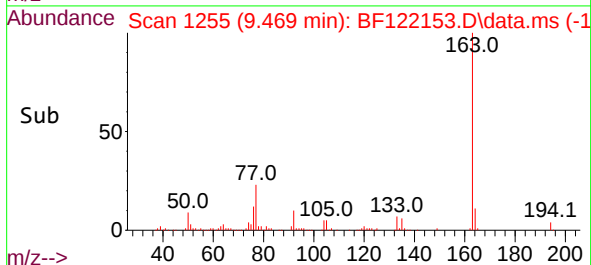
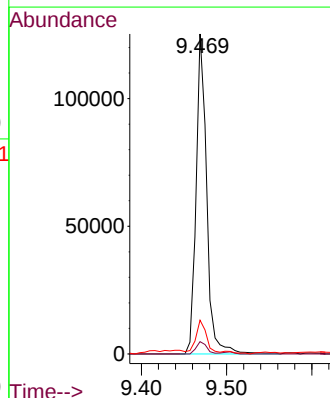
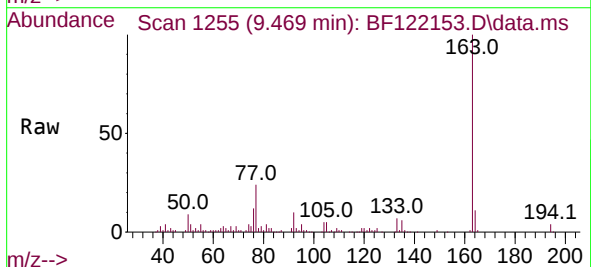
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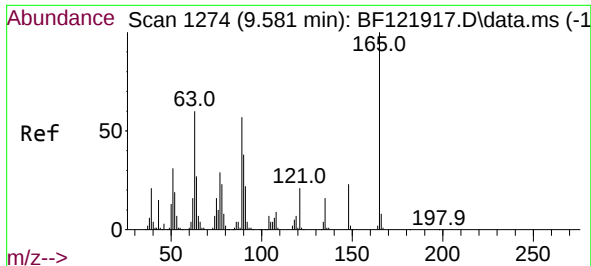
Tgt Ion:172 Resp: 1087251
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.2 19.8 29.6



#50
Dimethylphthalate
Concen: 8.76 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion:163 Resp: 108232
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 8.2 12.4

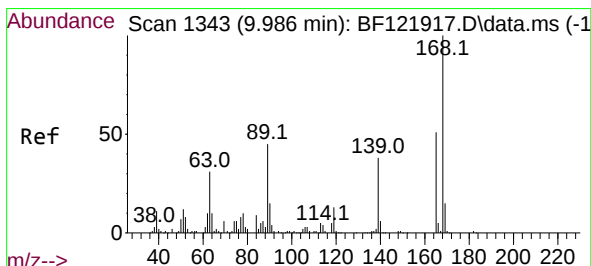
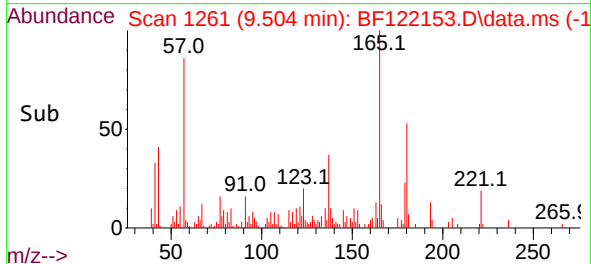
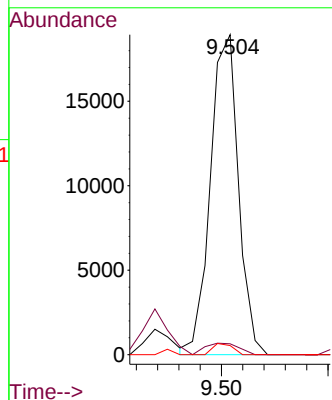
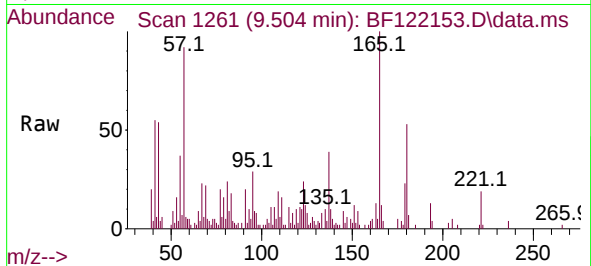




#51
2,6-Dinitrotoluene
Concen: 6.38 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.047 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

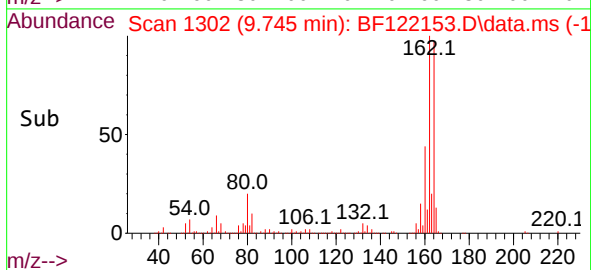
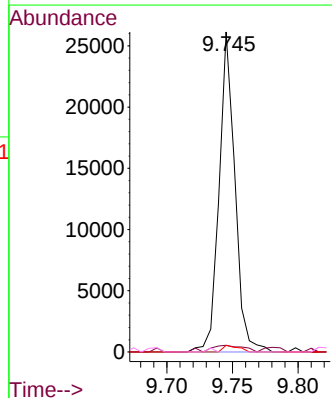
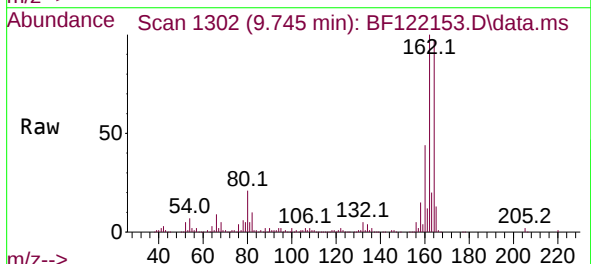
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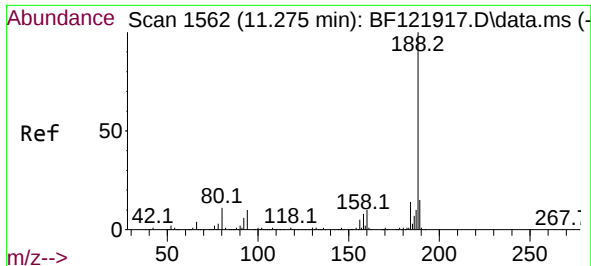
Tgt Ion:165 Resp: 17304
Ion Ratio Lower Upper
165 100
63 3.4 51.8 77.6#
89 2.9 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion:165 Resp: 21957
Ion Ratio Lower Upper
165 100
63 2.1 41.3 61.9#
89 2.1 61.8 92.8#
182 0.0 2.1 3.1#

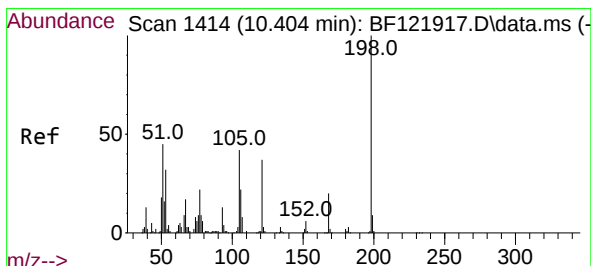
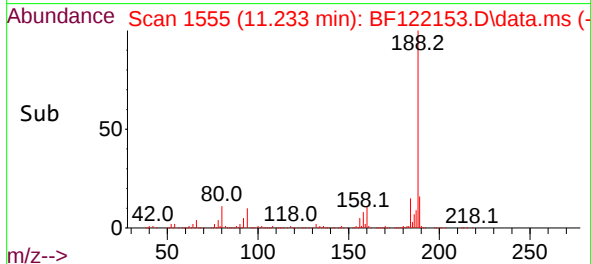
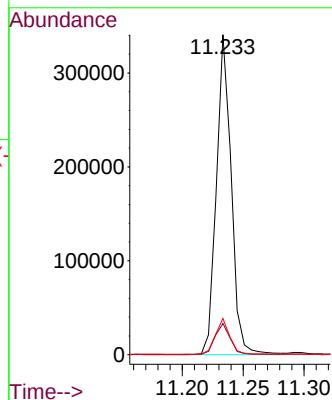
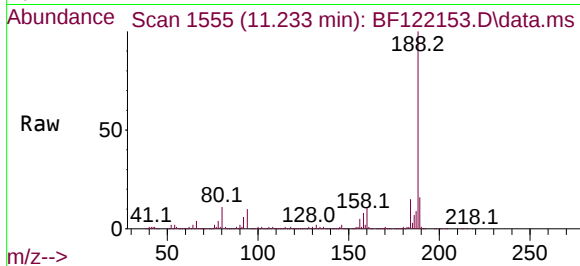




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

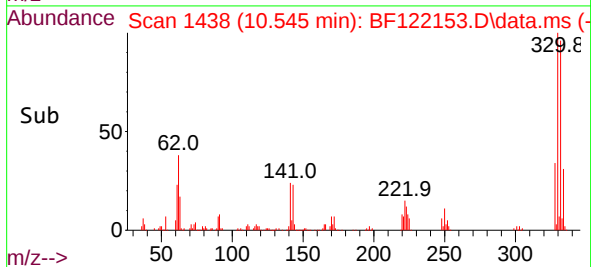
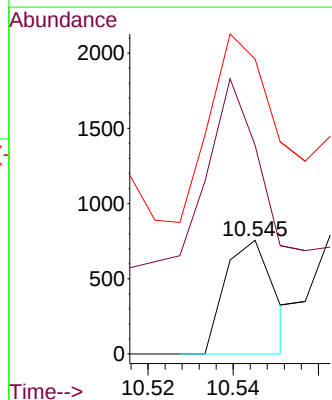
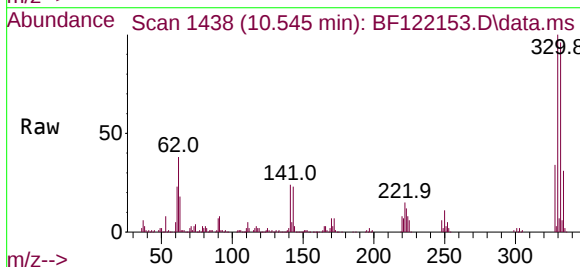
Instrument :
BNA_F
ClientSampleId :
26414-26215

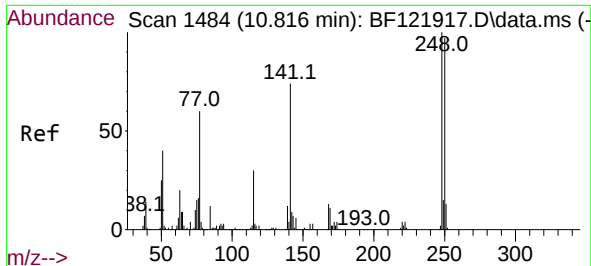
Tgt Ion:188 Resp: 288618
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.72 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.171 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion:198 Resp: 602
Ion Ratio Lower Upper
198 100
51 183.8 29.6 69.6#
105 259.7 24.4 64.4#

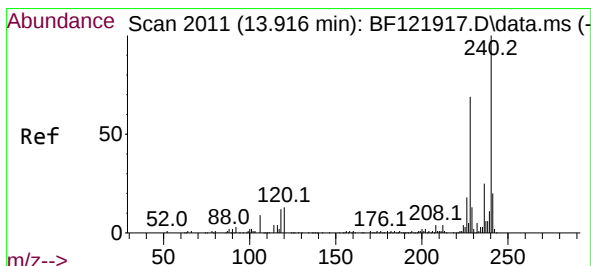
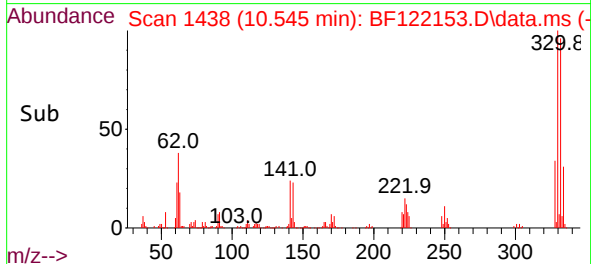
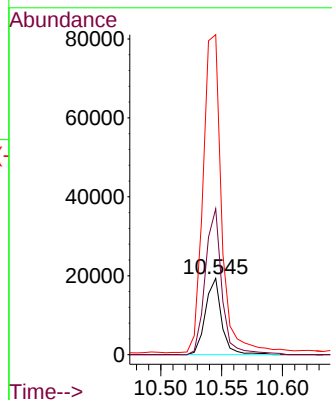
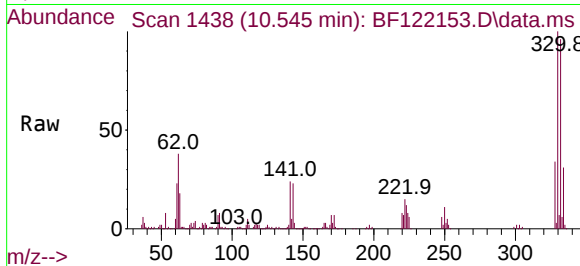




#67
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

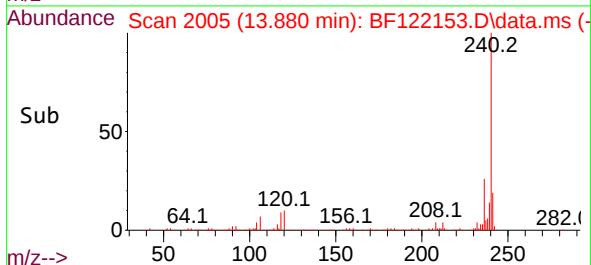
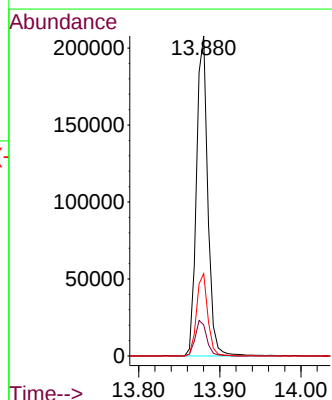
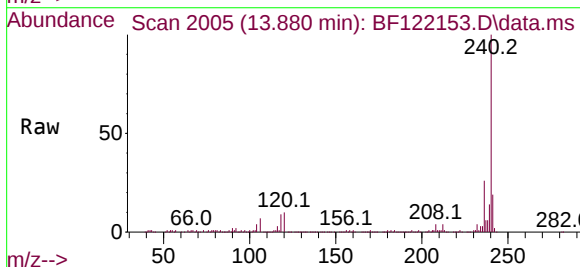
Instrument :
BNA_F
ClientSampleId :
26414-26215

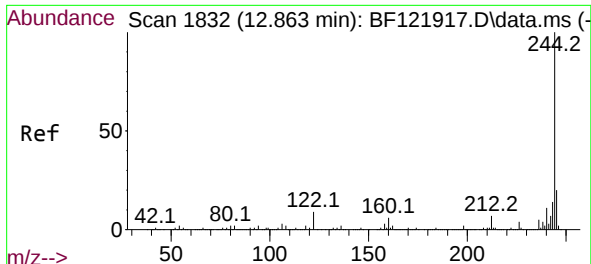
Tgt Ion:248 Resp: 17961
Ion Ratio Lower Upper
248 100
250 191.3 77.0 115.6#
141 419.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

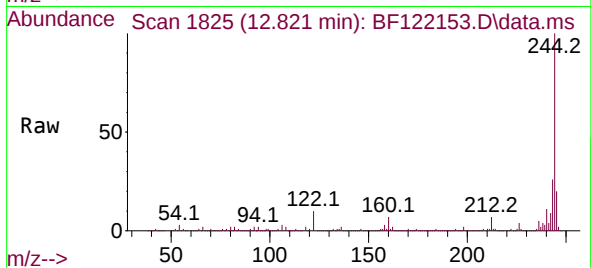
Tgt Ion:240 Resp: 203176
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.7 20.9 31.3



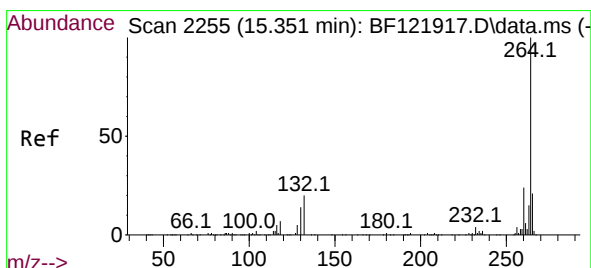
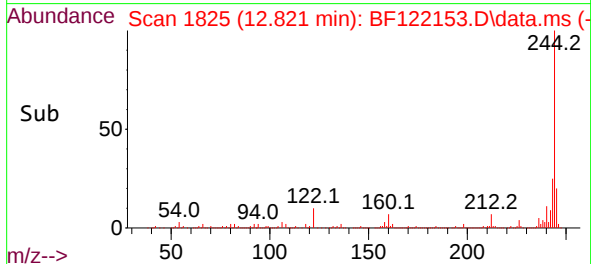
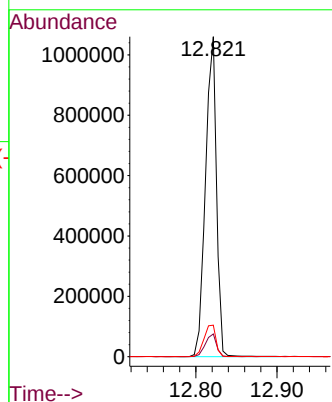


#79
Terphenyl-d14
Concen: 93.34 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Instrument :
BNA_F
ClientSampleId :
26414-26215



Tgt Ion:244 Resp: 995095
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.8 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.310 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122153.D
Acq: 28 Oct 2020 18:00

Tgt Ion:264 Resp: 214925
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.7 17.3 25.9

