

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124552.D
 Acq On : 13 Jul 2021 18:36
 Operator : JU/CG
 Sample : PB137646BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137646BL

Quant Time: Jul 13 19:00:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:57:42 2021
 Response via : Initial Calibration

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

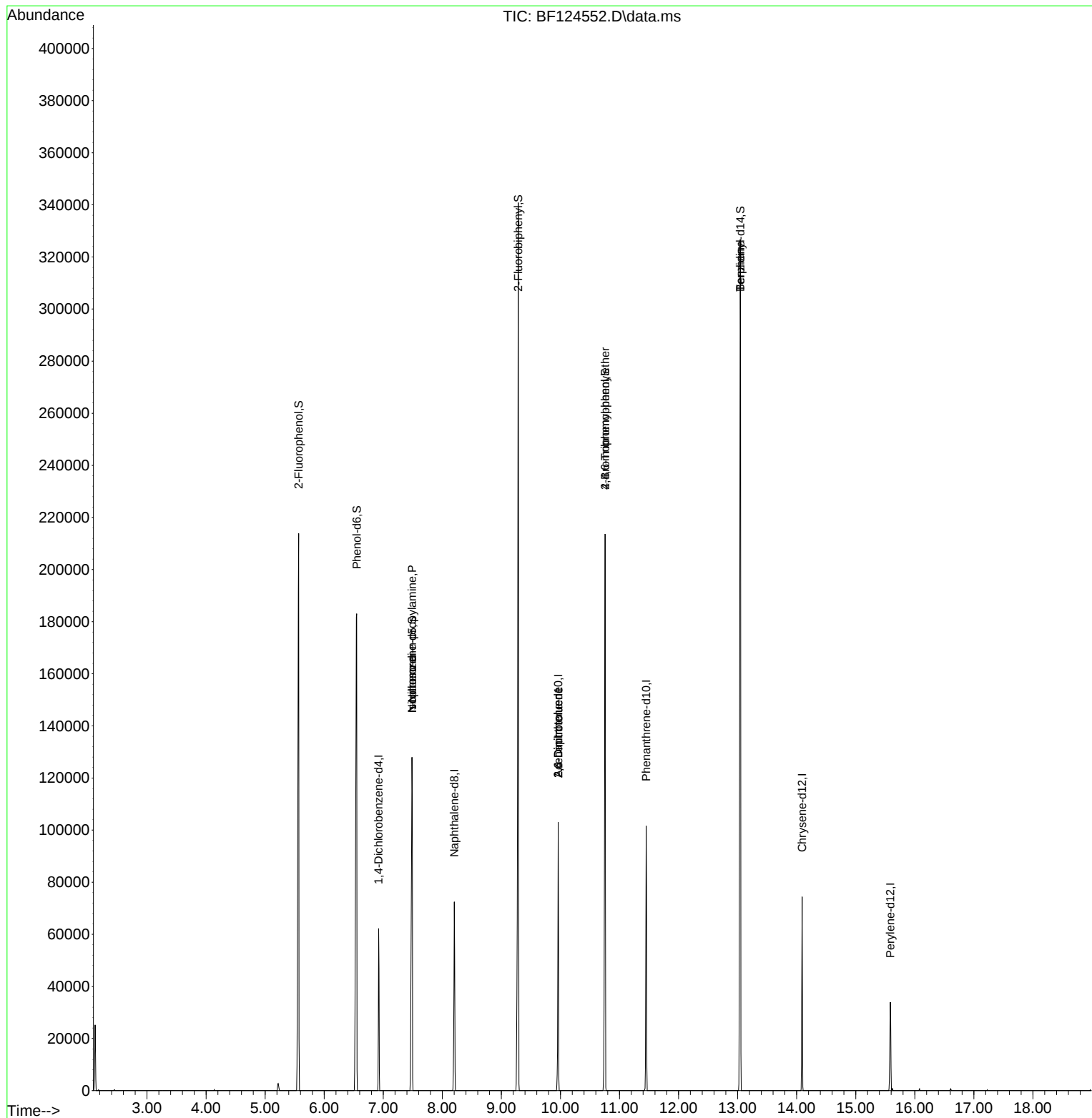
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	9249	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	37753	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	21486	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	37570	20.000	ng	0.00
76) Chrysene-d12	14.092	240	23927	20.000	ng	0.00
86) Perylene-d12	15.586	264	17305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	69866	130.877	ng	0.03
7) Phenol-d6	6.551	99	82393	126.875	ng	0.00
23) Nitrobenzene-d5	7.487	82	51420	85.980	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	20927	125.161	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	122748	83.308	ng	0.00
79) Terphenyl-d14	13.045	244	128148	89.935	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	7059	19.334	ng	# 79
25) Isophorone	7.487	82	50945	46.404	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	2734	9.277	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	2734	6.777	ng	# 18
67) 4-Bromophenyl-phenylether	10.757	248	1794	4.618	ng	# 1
77) Benzidine	13.045	184	2343	2.619	ng	# 69

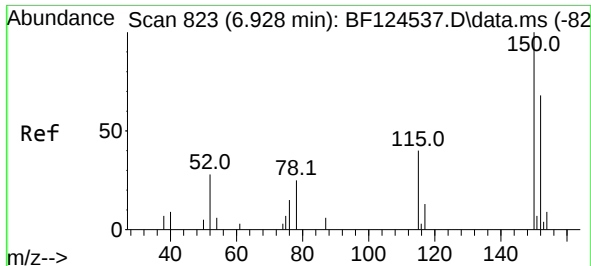
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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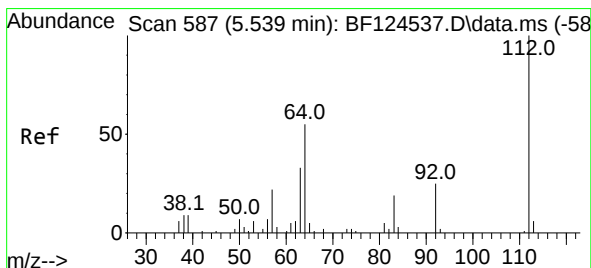
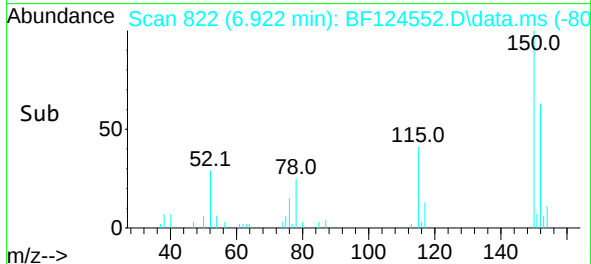
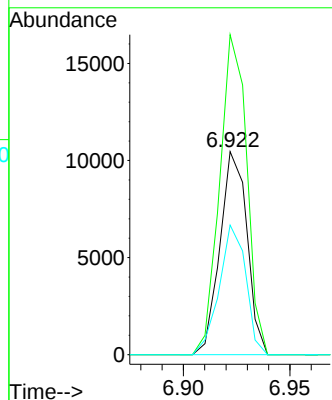
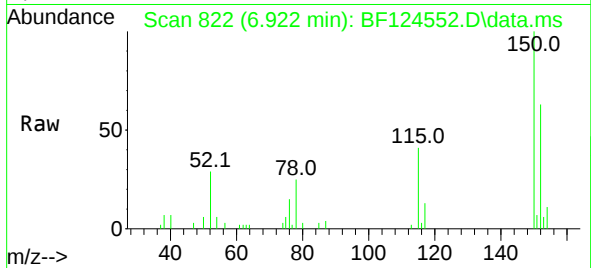




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

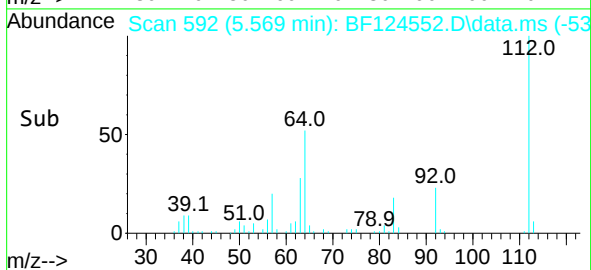
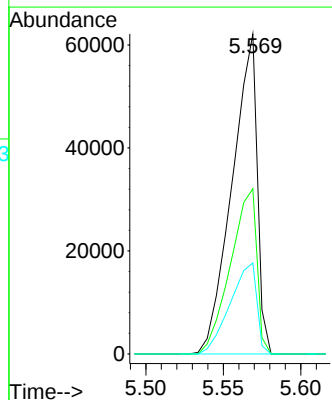
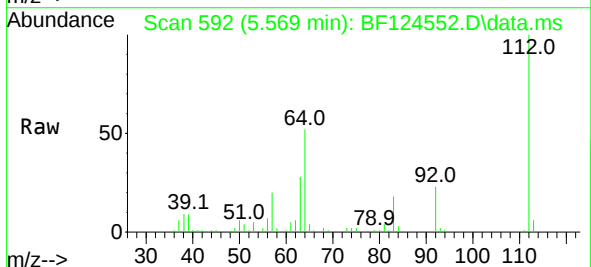
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BNA_F
ClientSampleId :
PB137646BL

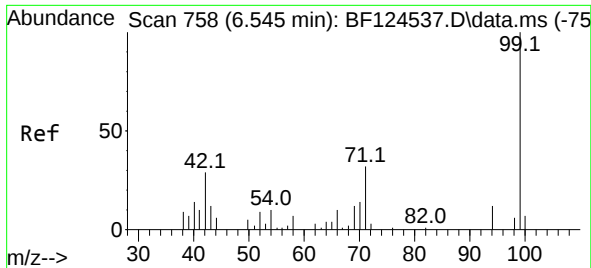
Tgt Ion:152 Resp: 9249
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 63.8 47.1 70.7



#5
2-Fluorophenol
Concen: 130.877 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.030 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion:112 Resp: 69866
Ion Ratio Lower Upper
112 100
64 51.7 44.2 66.2
63 28.4 26.2 39.2

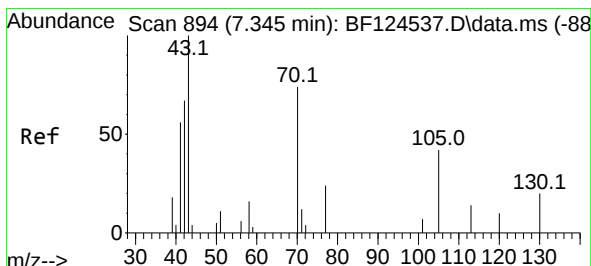
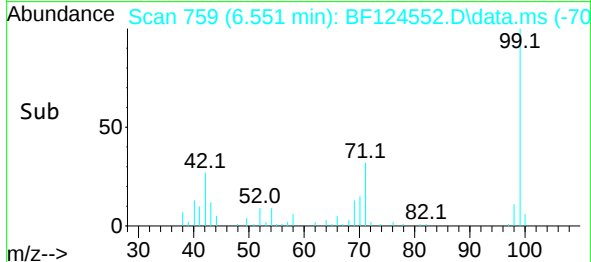
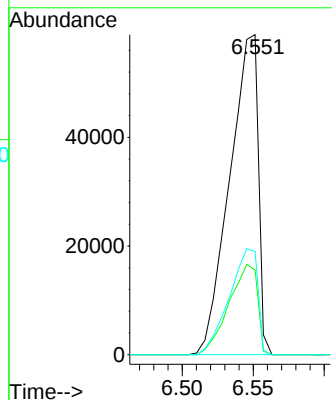
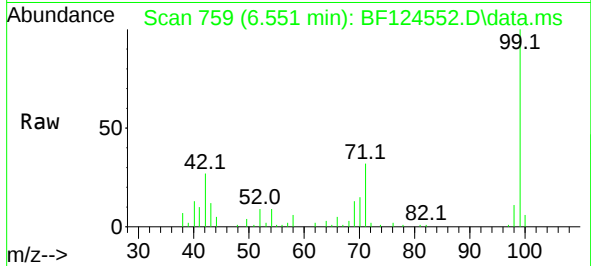




#7
Phenol-d6
Concen: 126.875 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

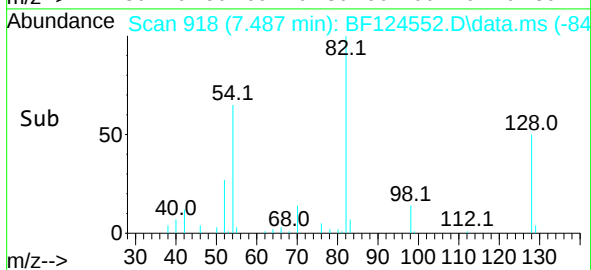
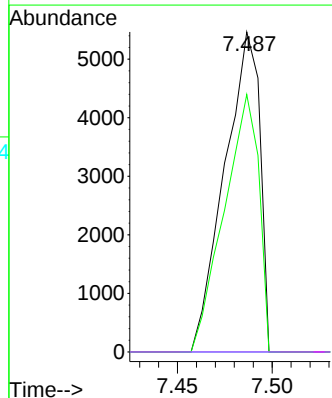
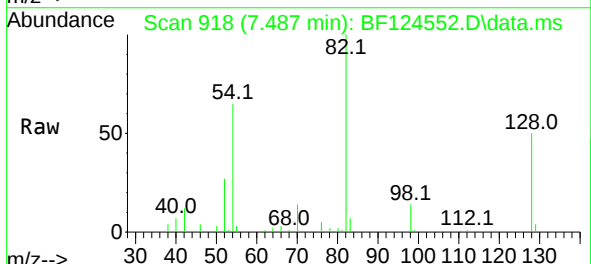
Instrument :
BNA_F
ClientSampleId :
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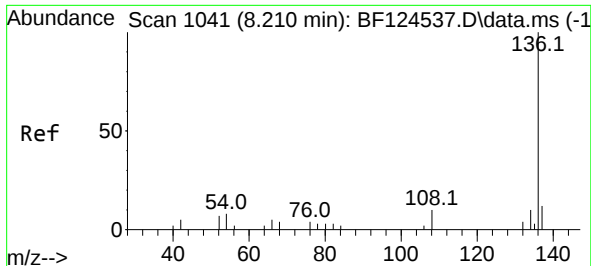
Tgt Ion: 99 Resp: 82393
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.334 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion: 70 Resp: 7059
Ion Ratio Lower Upper
70 100
42 80.4 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

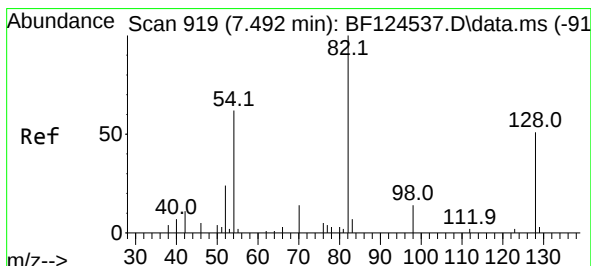
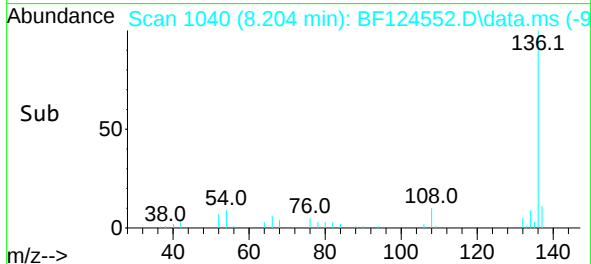
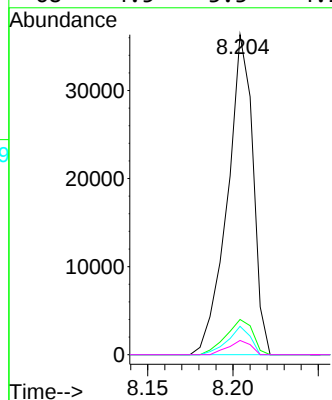
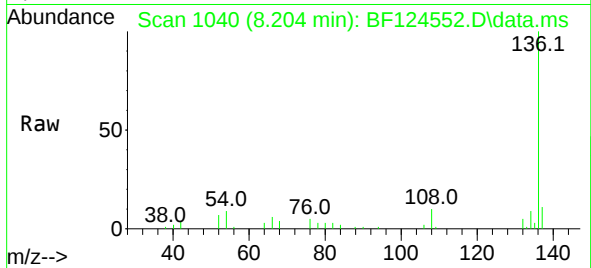




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

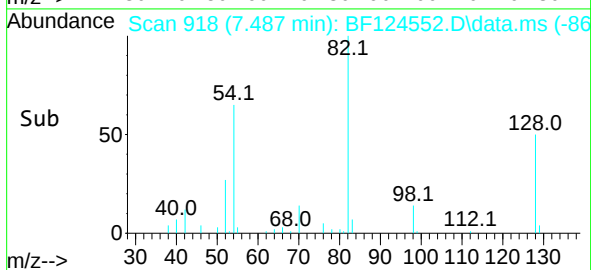
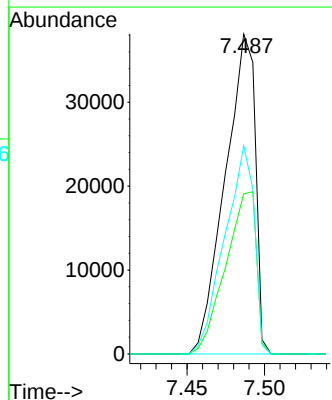
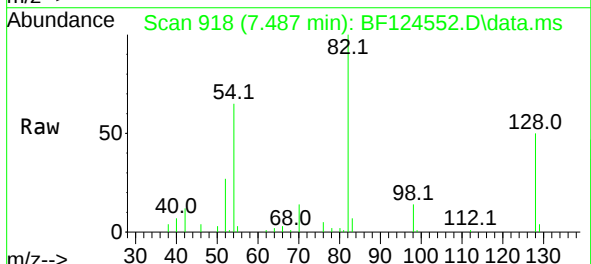
Instrument :
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ClientSampleId :
PB137646BL

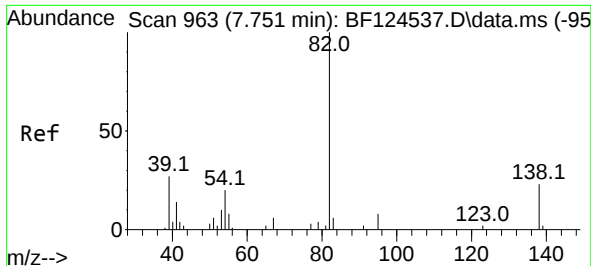
Tgt Ion:	136	Resp:	37753
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	8.9	6.4	9.6
68	4.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 85.980 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion:	82	Resp:	51420
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.6	60.8
54	65.1	49.6	74.4

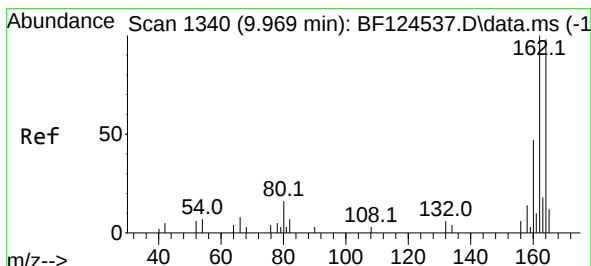
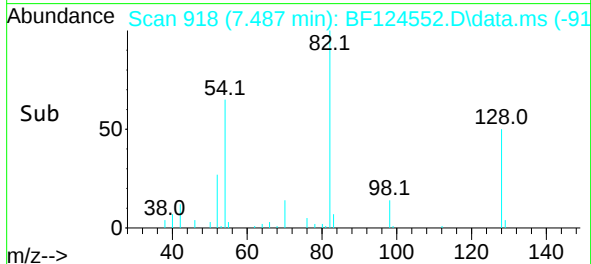
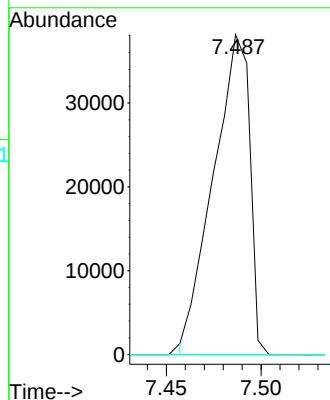
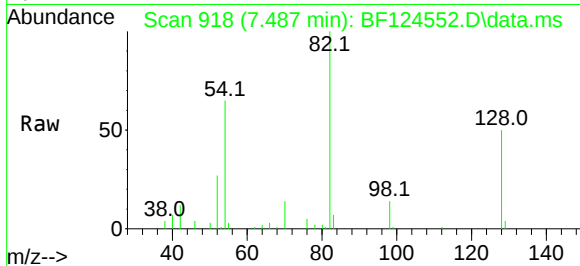




#25
Isophorone
Concen: 46.404 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

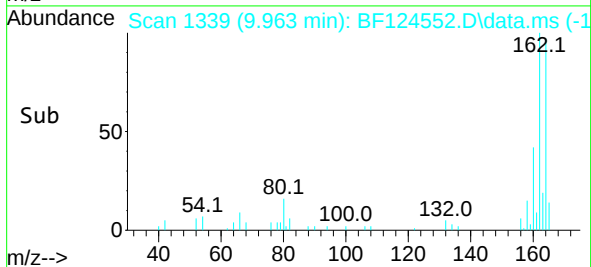
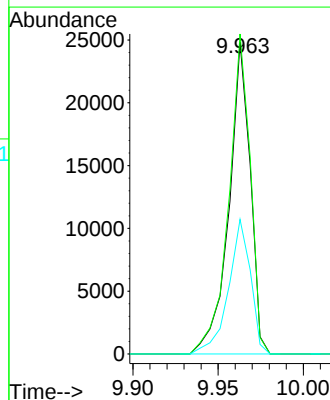
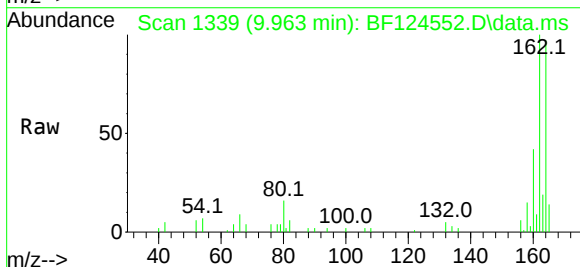
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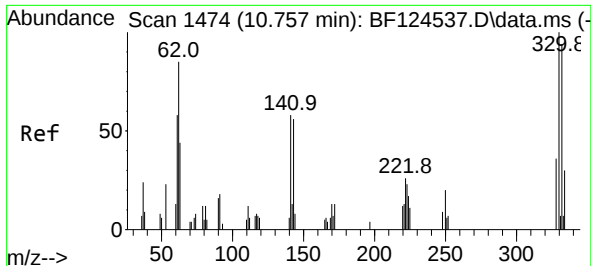
Tgt Ion: 82 Resp: 50945
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion: 164 Resp: 21486
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 43.1 38.0 57.0

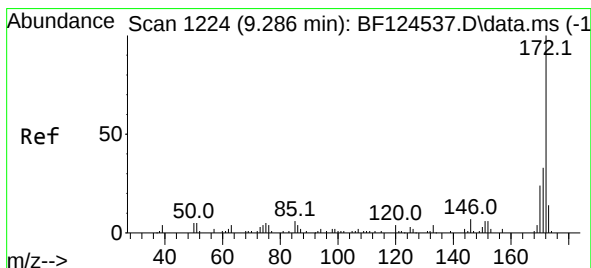
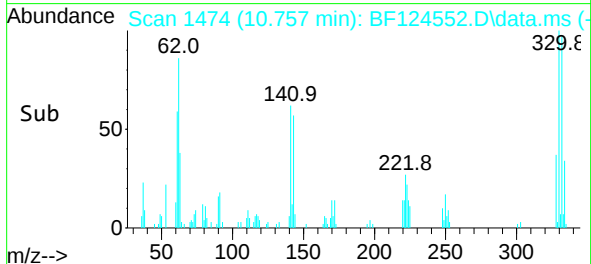
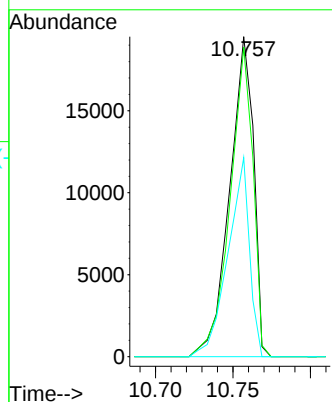
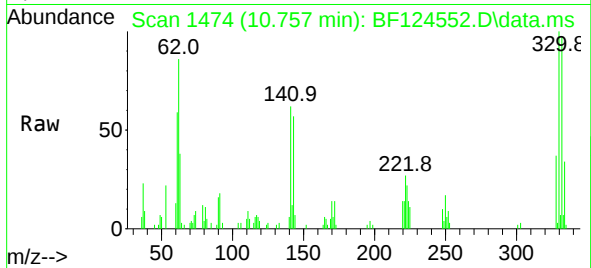




#42
2,4,6-Tribromophenol
Concen: 125.161 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

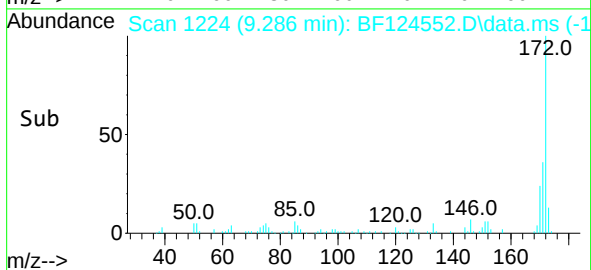
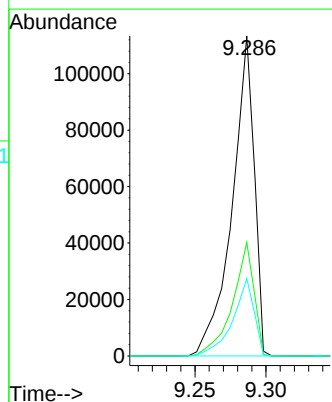
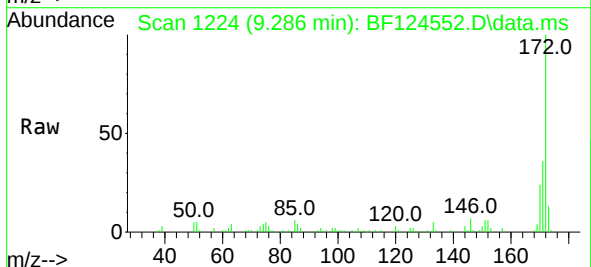
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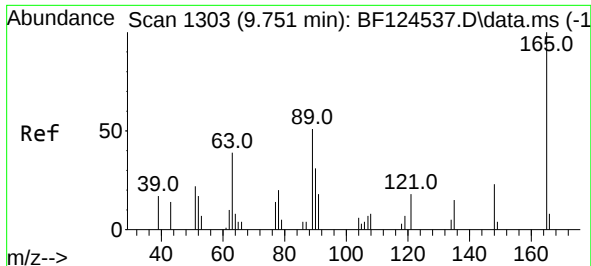
Tgt Ion:330 Resp: 20927
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 56.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 83.308 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion:172 Resp: 122748
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.2 18.8 28.2

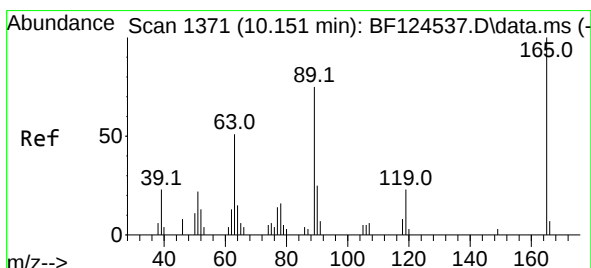
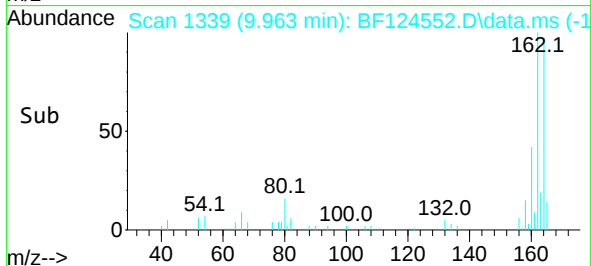
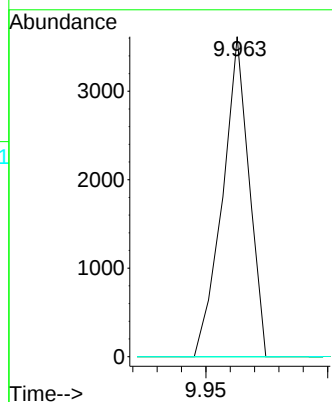
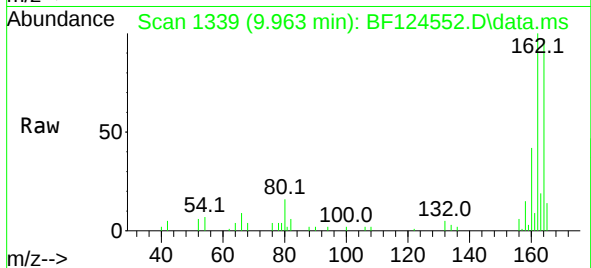




#51
2,6-Dinitrotoluene
Concen: 9.277 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

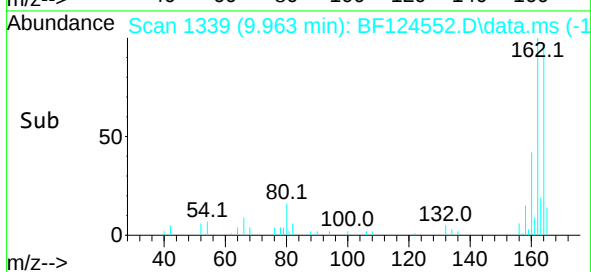
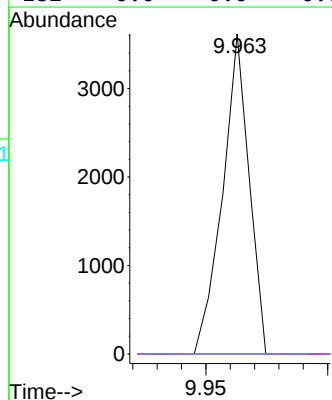
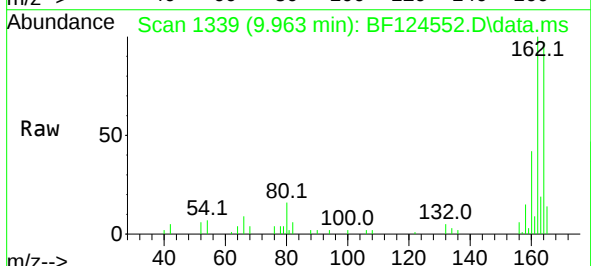
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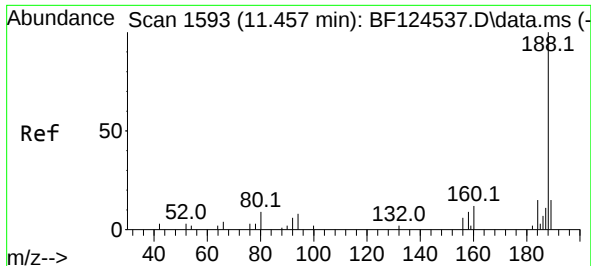
Tgt Ion:165 Resp: 2734
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion:165 Resp: 2734
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

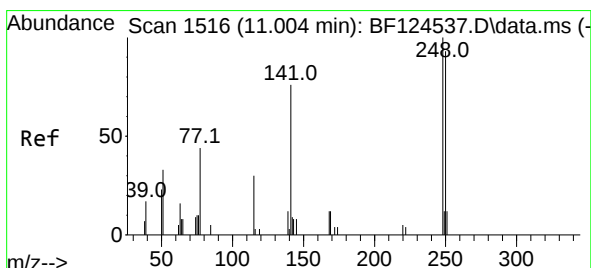
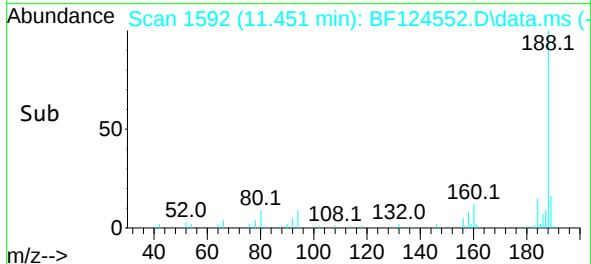
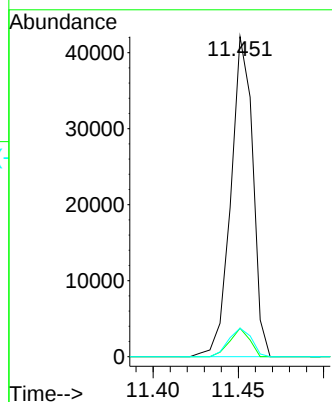
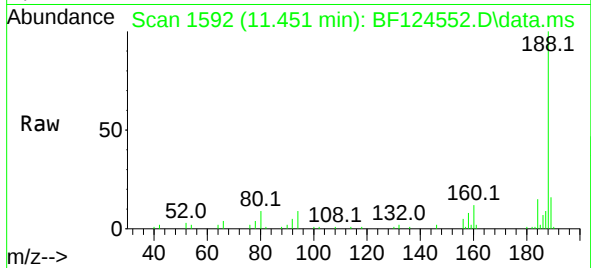




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

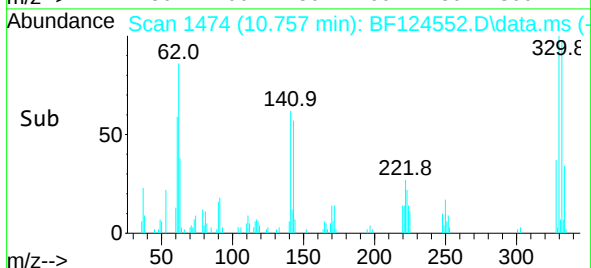
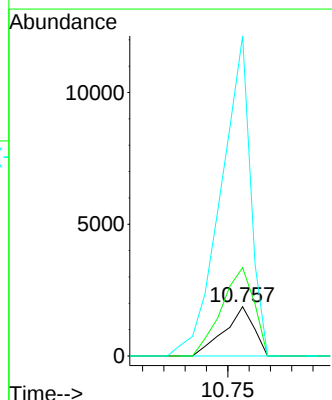
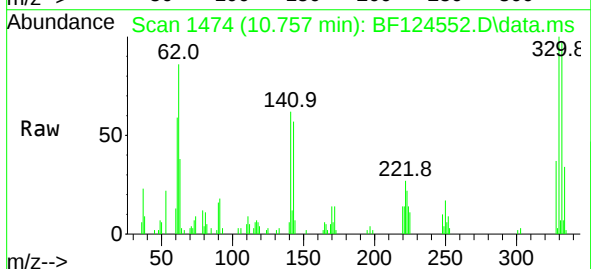
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ClientSampleId :
PB137646BL

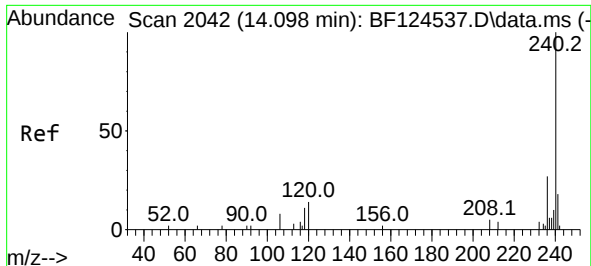
Tgt Ion:188 Resp: 37570
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.618 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion:248 Resp: 1794
Ion Ratio Lower Upper
248 100
250 179.1 74.2 111.4#
141 648.4 60.4 90.6#

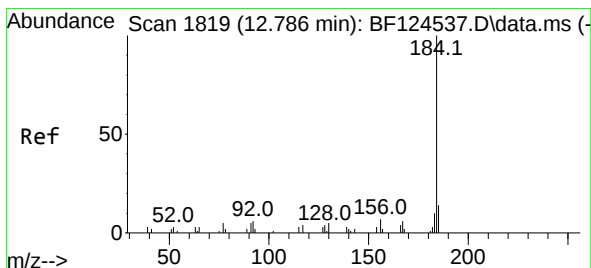
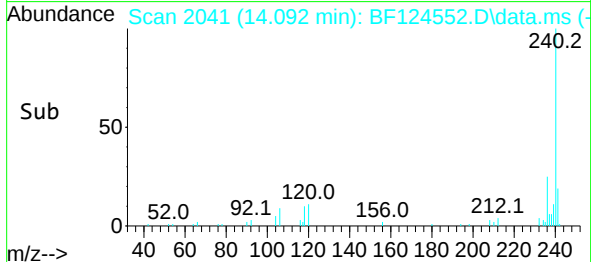
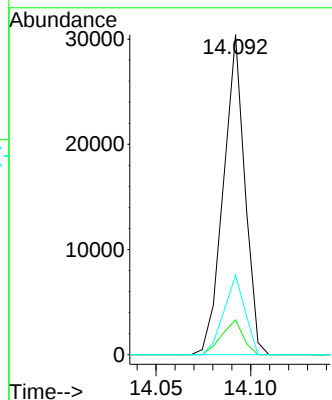
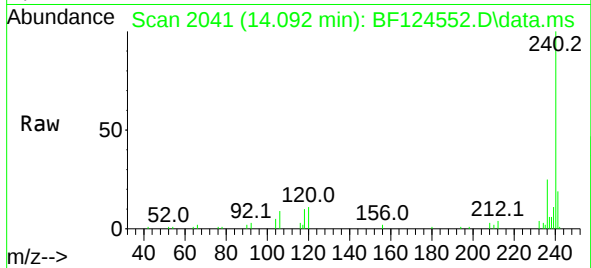




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

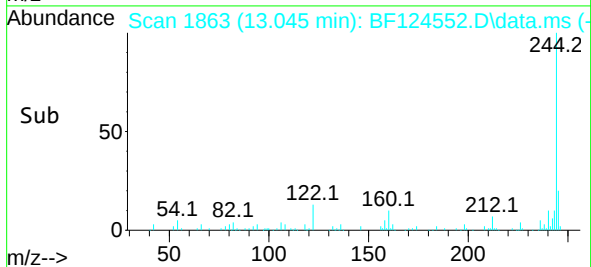
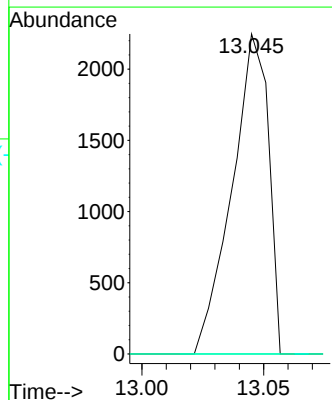
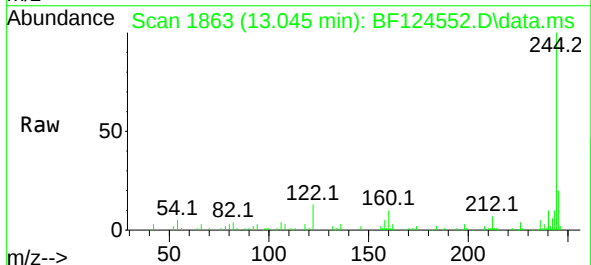
Instrument :
BNA_F
ClientSampleId :
PB137646BL

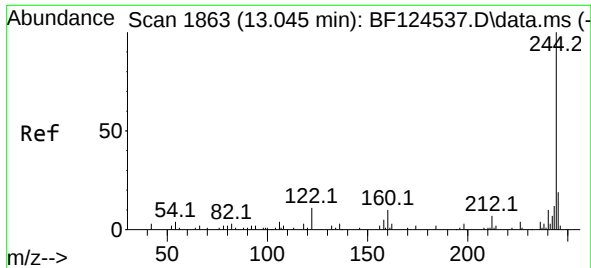
Tgt Ion:240	Resp:	23927
Ion Ratio	Lower	Upper
240	100	
120	10.9	10.8 16.2
236	24.9	21.6 32.4



#77
Benzidine
Concen: 2.619 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124552.D
Acq: 13 Jul 2021 18:36

Tgt Ion:184	Resp:	2343
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

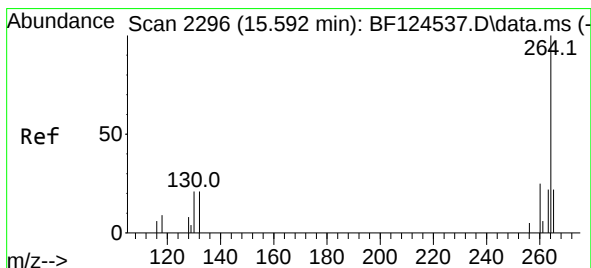
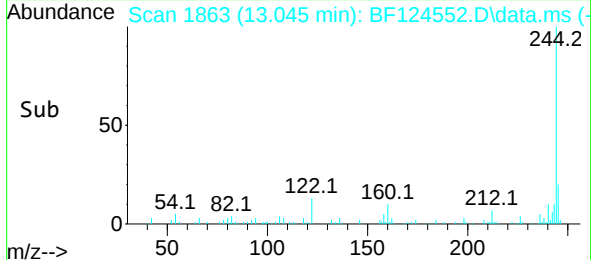
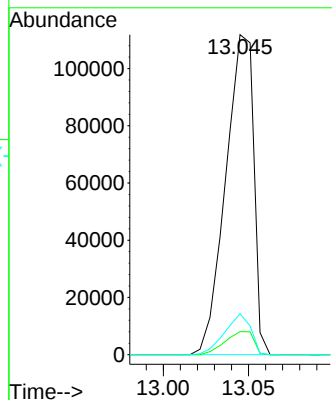
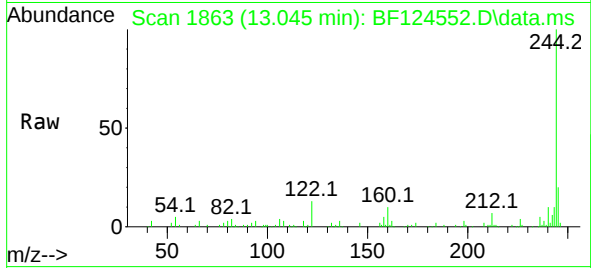




#79
 Terphenyl-d14
 Concen: 89.935 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF124552.D
 Acq: 13 Jul 2021 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB137646BL

Tgt Ion:244 Resp: 128148
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124552.D
 Acq: 13 Jul 2021 18:36

Tgt Ion:264 Resp: 17305
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.6 29.4
 265 22.3 17.2 25.8

