

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124676.D
 Acq On : 21 Jul 2021 23:02
 Operator : JU/CG
 Sample : M3057-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-TESTING-BOTTOM

Quant Time: Jul 22 01:31:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

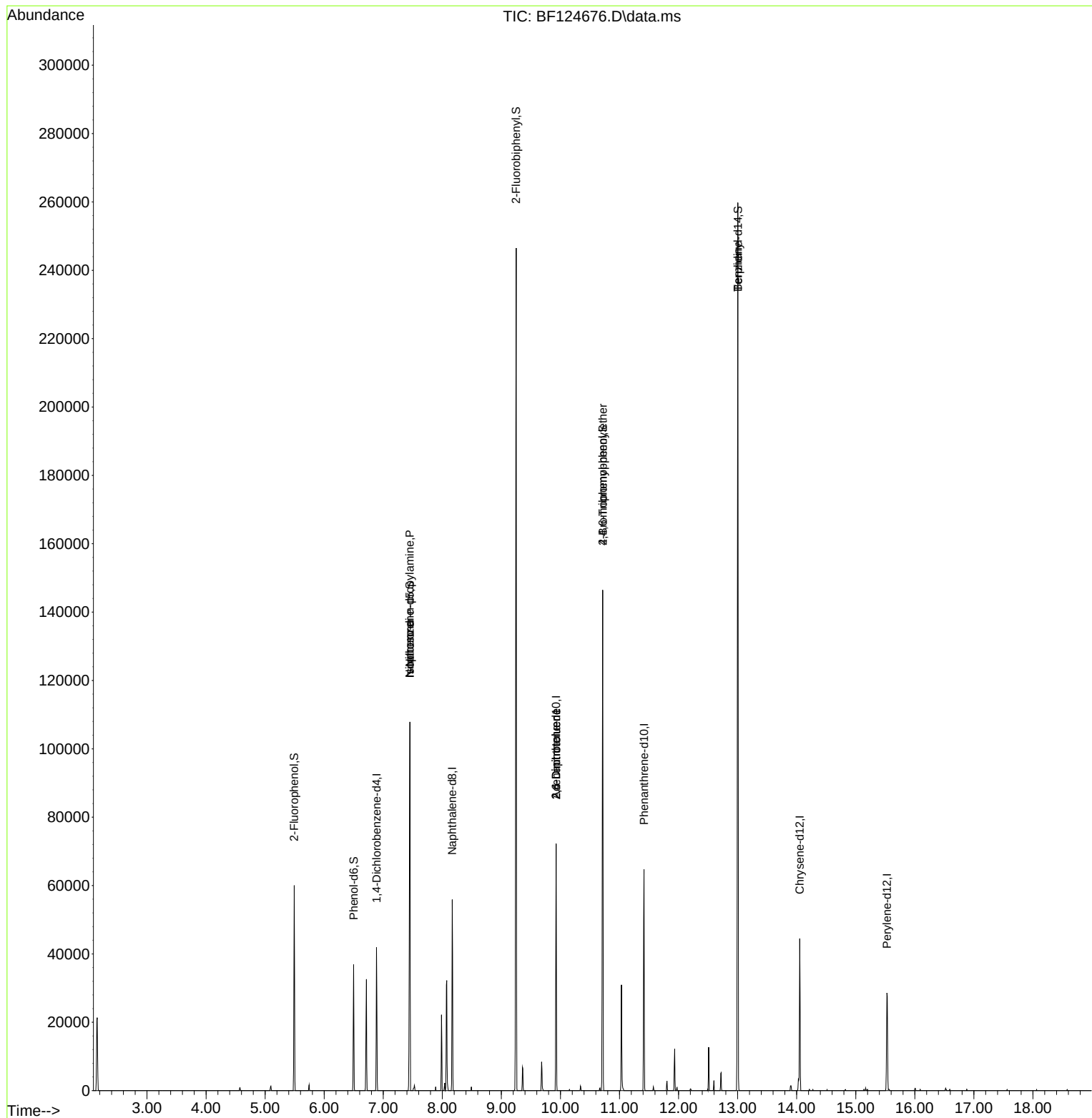
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	6189	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	23621	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	13540	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	23496	20.00	ng	0.00
76) Chrysene-d12	14.051	240	15706	20.00	ng	-0.01
86) Perylene-d12	15.527	264	14850	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	14915	41.75	ng	-0.02
7) Phenol-d6	6.498	99	9512	21.89	ng	-0.02
23) Nitrobenzene-d5	7.451	82	30824	82.38	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	13476	127.90	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	71133	76.61	ng	0.00
79) Terphenyl-d14	13.004	244	82968	88.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	4164	17.04	ng	# 69
25) Isophorone	7.451	82	30823	44.87	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	1637	8.81	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	1637	6.44	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1020	4.20	ng	# 1
77) Benzidine	13.004	184	1365	2.32	ng	# 69

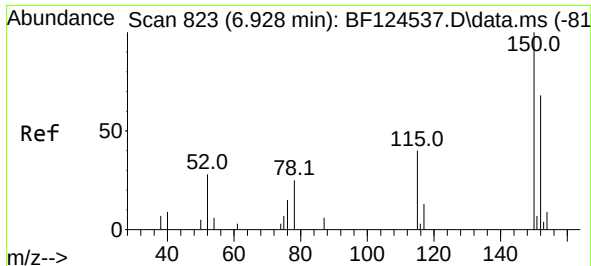
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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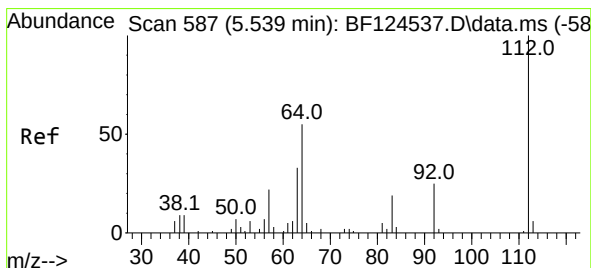
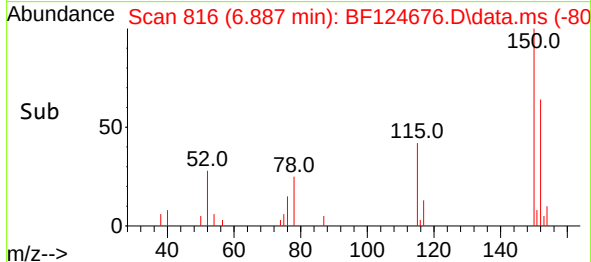
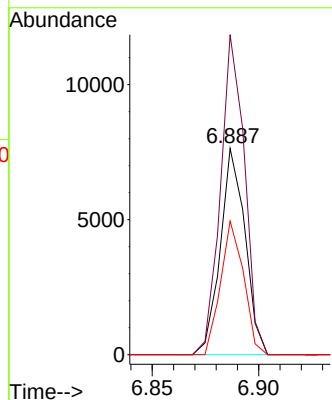
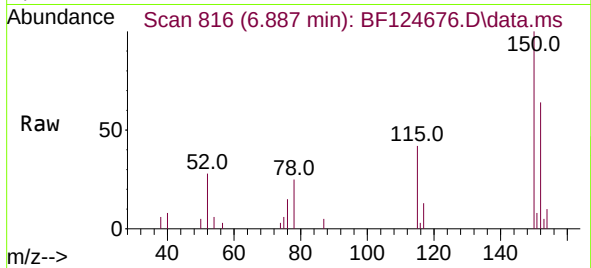




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

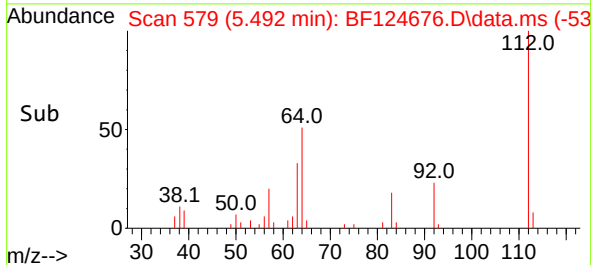
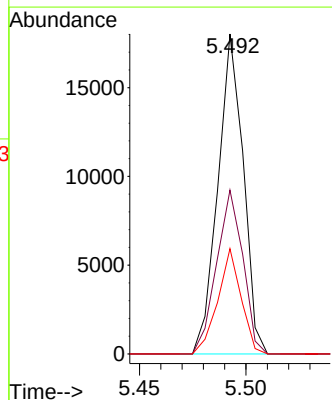
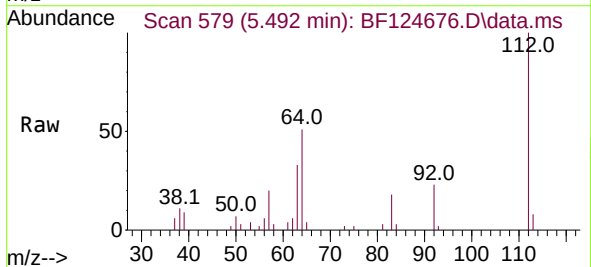
Instrument :
BNA_F
ClientSampleId :
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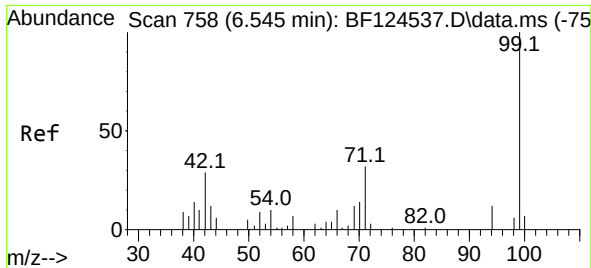
Tgt Ion:152 Resp: 6189
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 41.75 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.018 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion:112 Resp: 14915
Ion Ratio Lower Upper
112 100
64 51.2 44.2 66.2
63 32.9 26.2 39.2

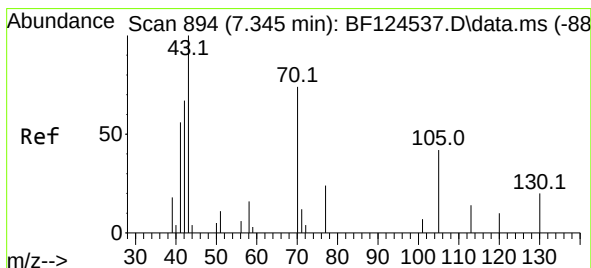
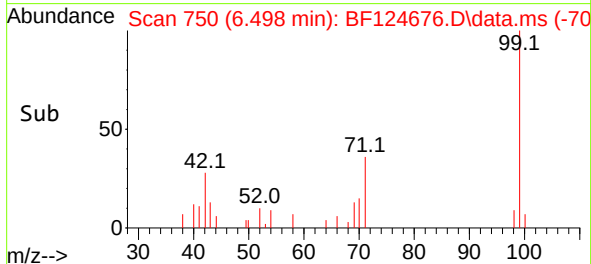
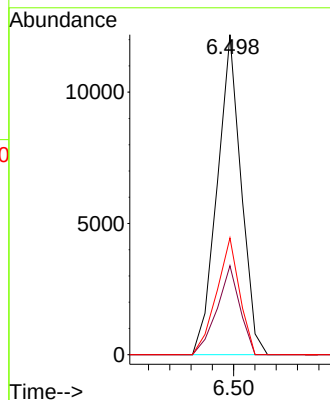
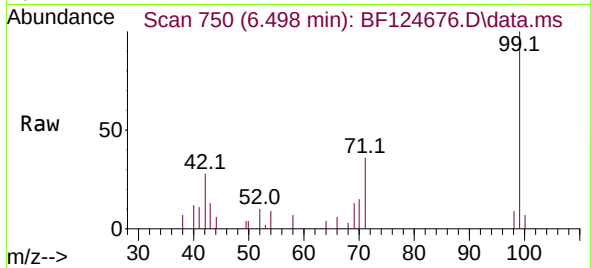




#7
Phenol-d6
Concen: 21.89 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.023 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

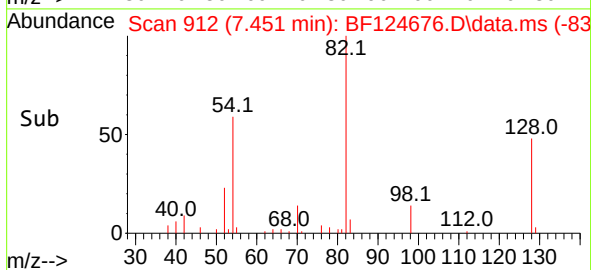
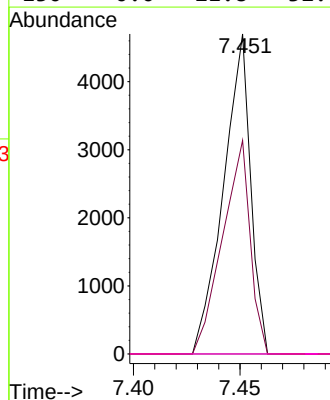
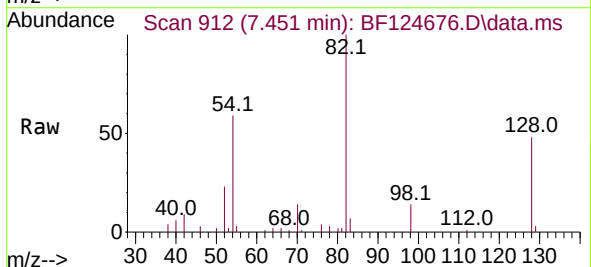
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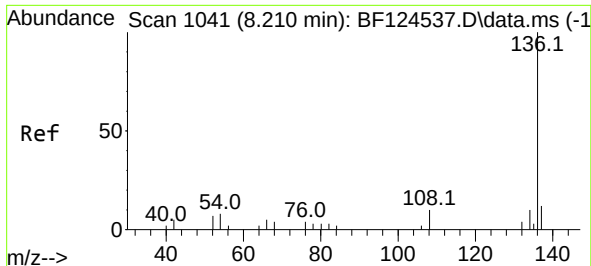
Tgt Ion: 99 Resp: 9512
Ion Ratio Lower Upper
99 100
42 27.8 23.5 35.3
71 36.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion: 70 Resp: 4164
Ion Ratio Lower Upper
70 100
42 66.7 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

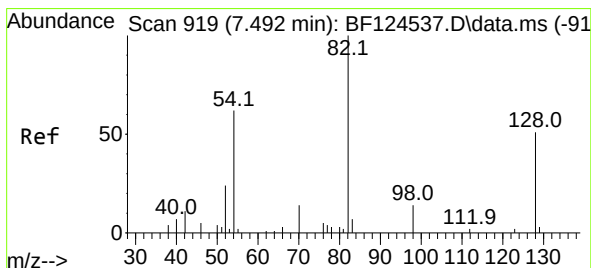
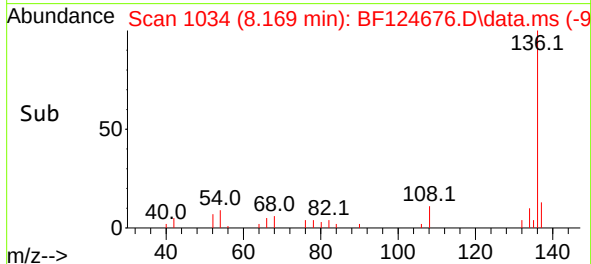
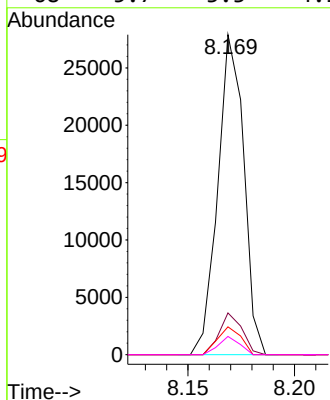
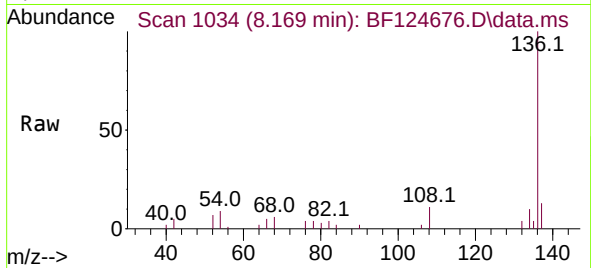




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

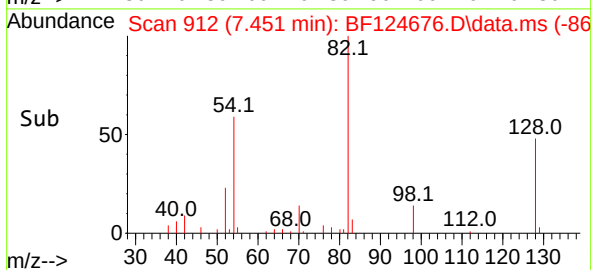
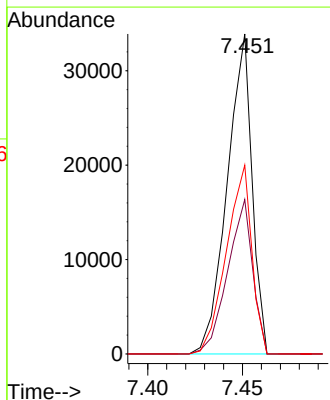
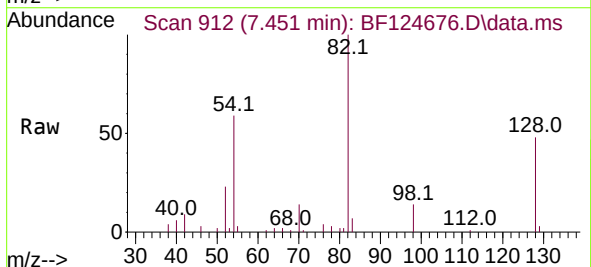
Instrument :
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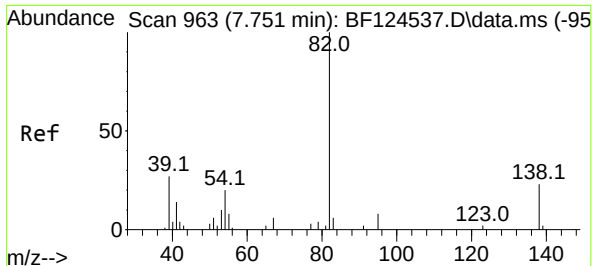
Tgt Ion:136	Resp:	23621
Ion Ratio	Lower	Upper
136	100	
137	13.0	9.8 14.6
54	8.7	6.4 9.6
68	5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 82.38 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion: 82	Resp:	30824
Ion Ratio	Lower	Upper
82	100	
128	48.3	40.6 60.8
54	59.0	49.6 74.4

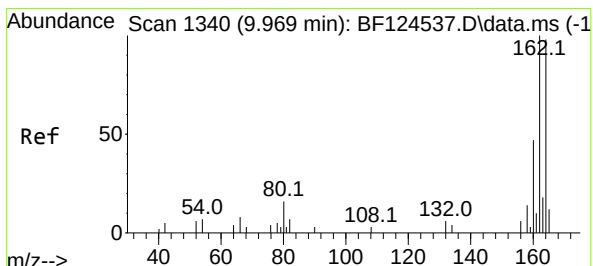
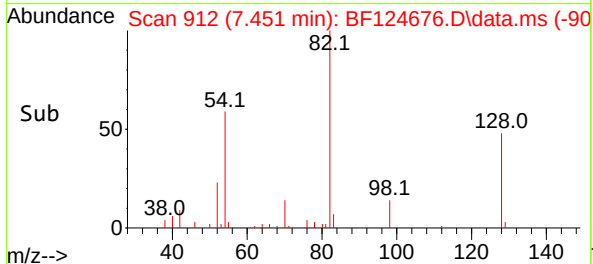
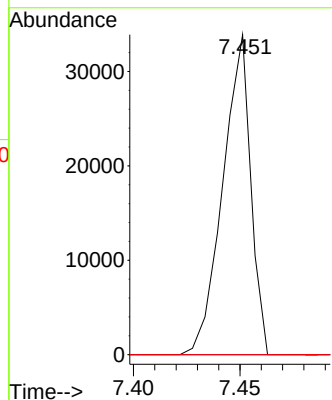
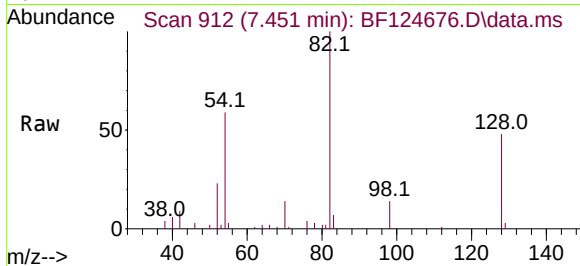




#25
Isophorone
Concen: 44.87 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

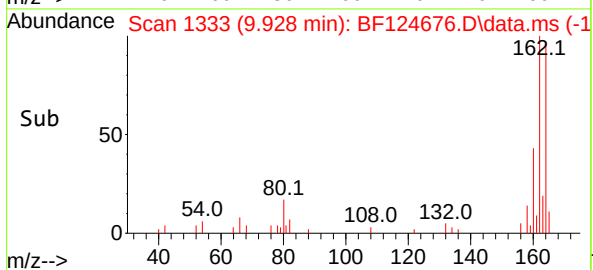
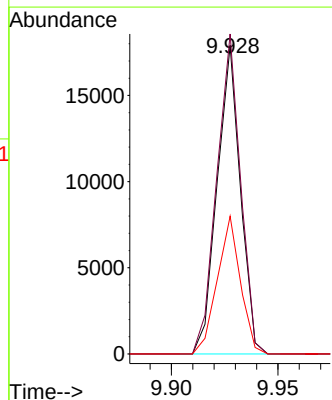
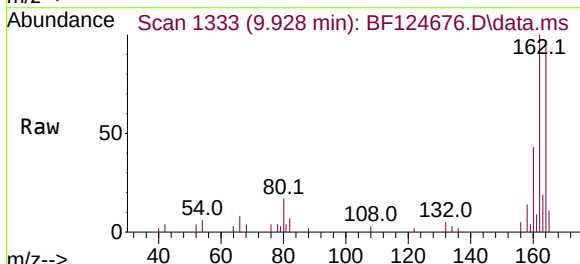
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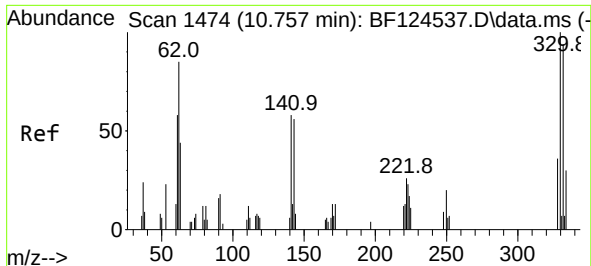
Tgt Ion: 82 Resp: 30823
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion: 164 Resp: 13540
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 44.7 38.0 57.0

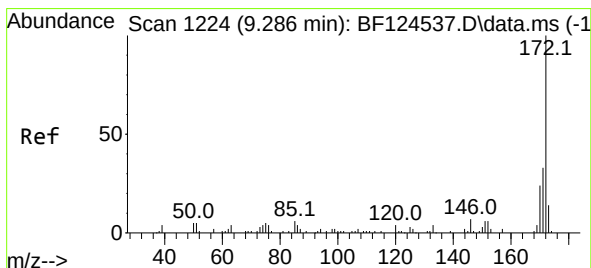
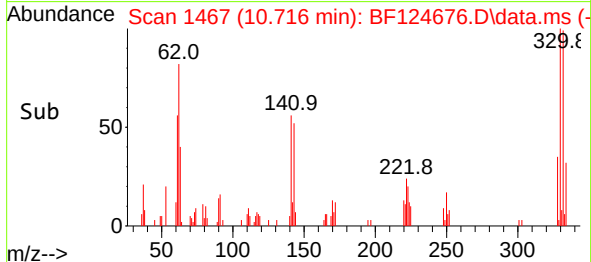
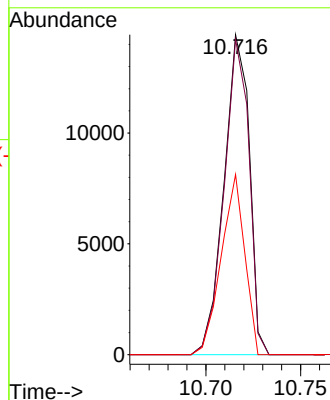
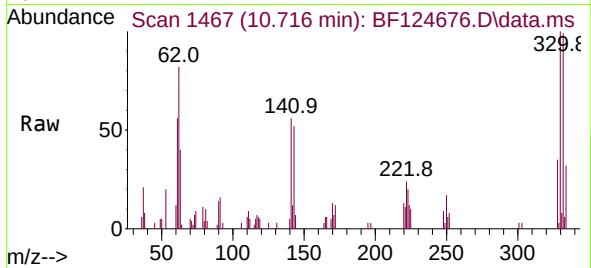




#42
2,4,6-Tribromophenol
Concen: 127.90 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

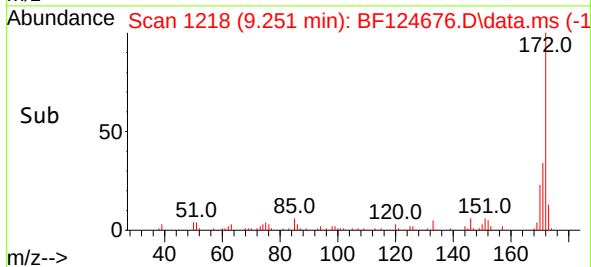
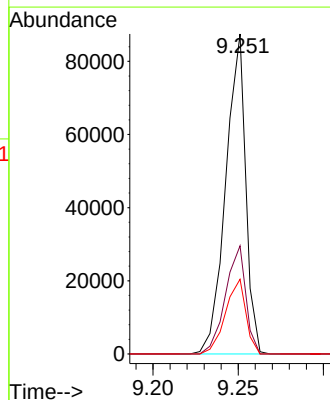
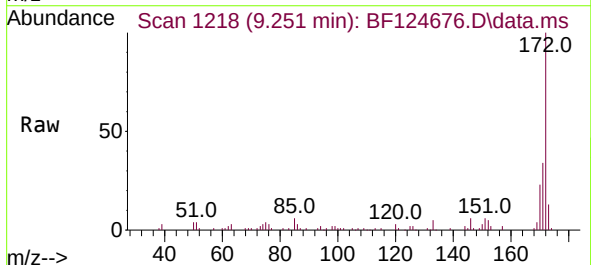
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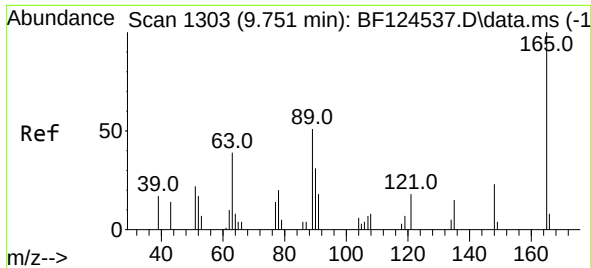
Tgt Ion:330 Resp: 13476
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 52.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 76.61 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion:172 Resp: 71133
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 23.4 18.8 28.2

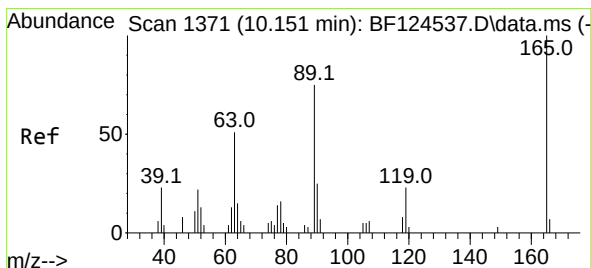
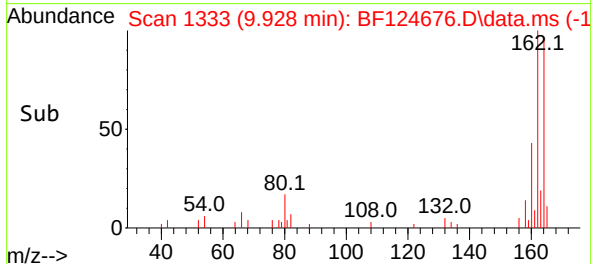
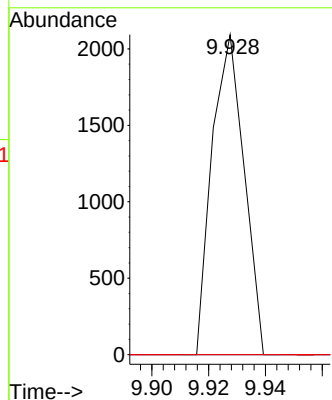
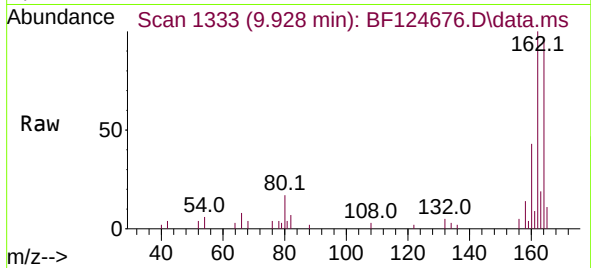




#51
2,6-Dinitrotoluene
Concen: 8.81 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

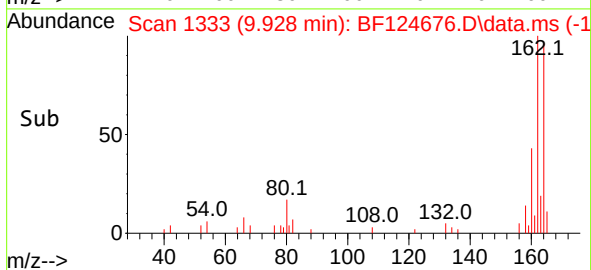
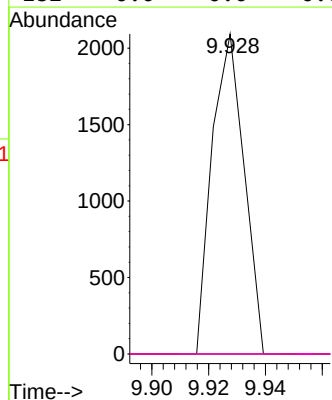
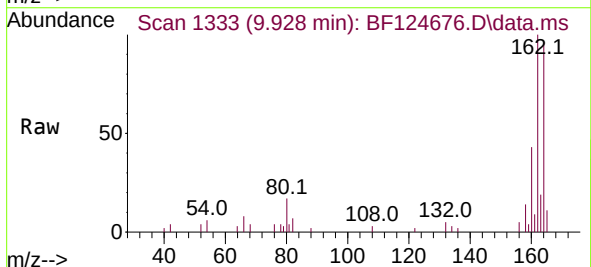
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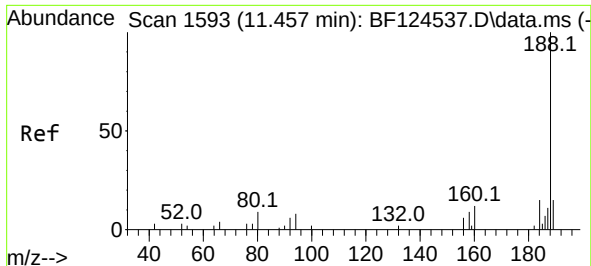
Tgt Ion:165 Resp: 1637
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion:165 Resp: 1637
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

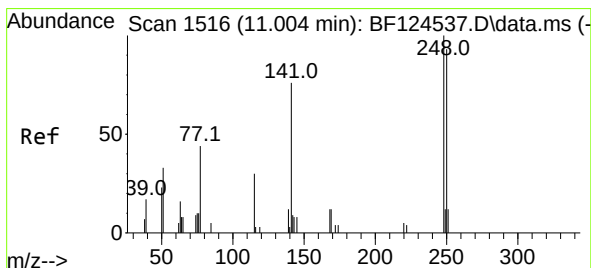
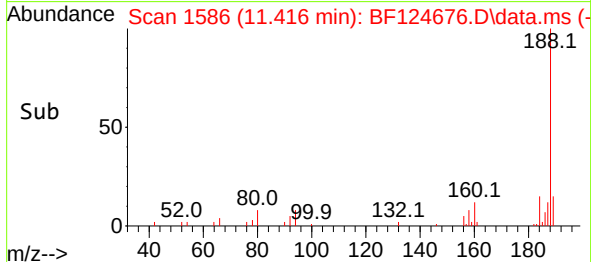
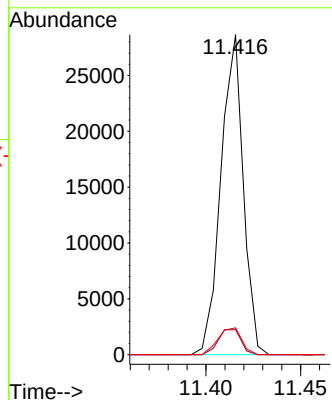
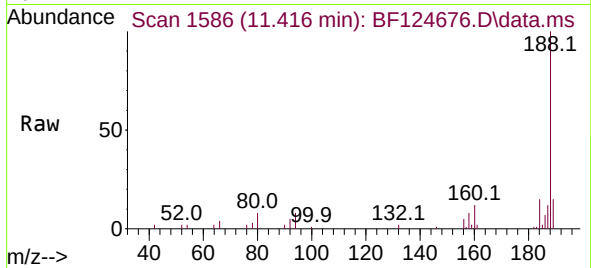




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

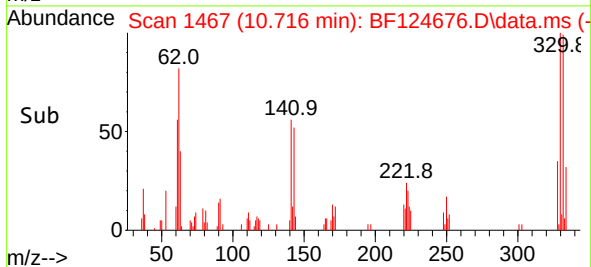
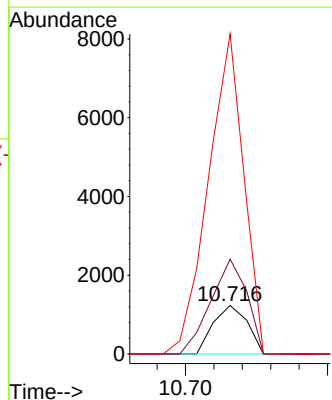
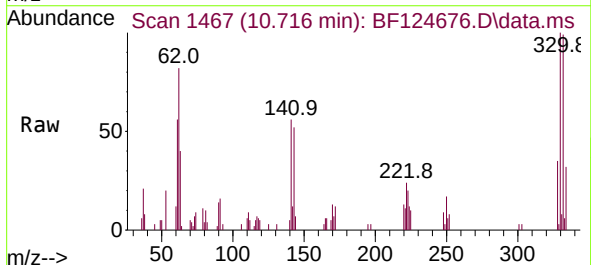
Instrument :
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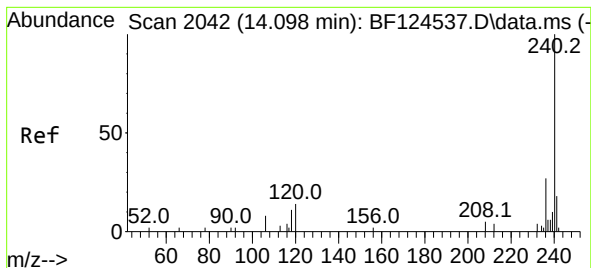
Tgt Ion:188 Resp: 23496
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion:248 Resp: 1020
Ion Ratio Lower Upper
248 100
250 195.8 74.2 111.4#
141 660.7 60.4 90.6#

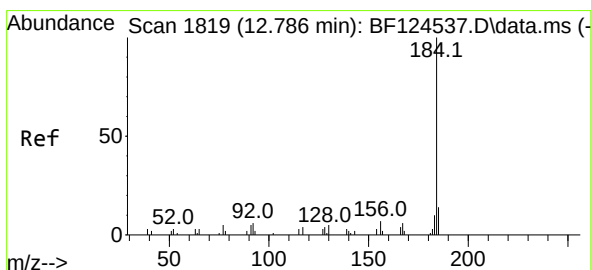
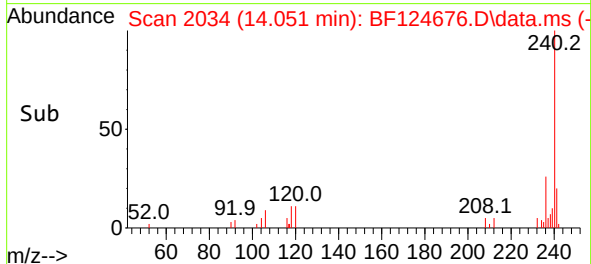
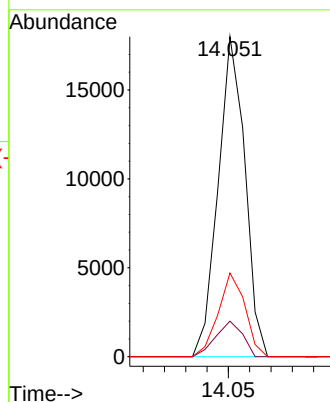
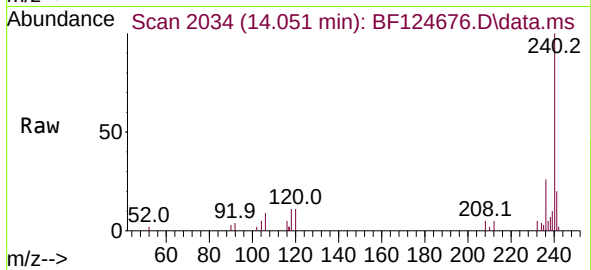




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

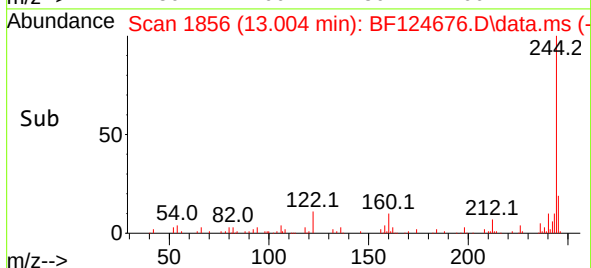
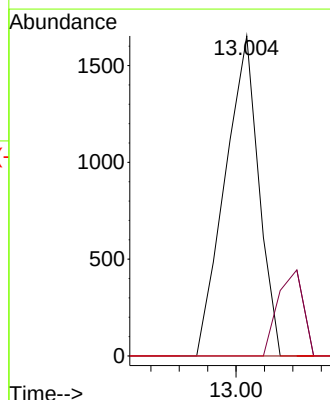
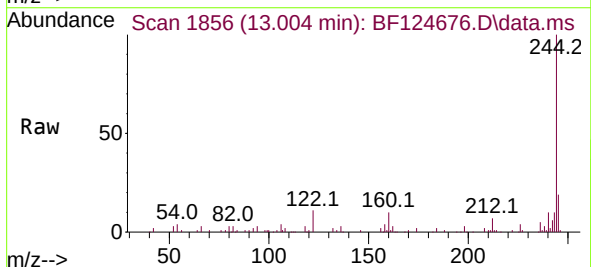
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-TESTING-BOTTOM

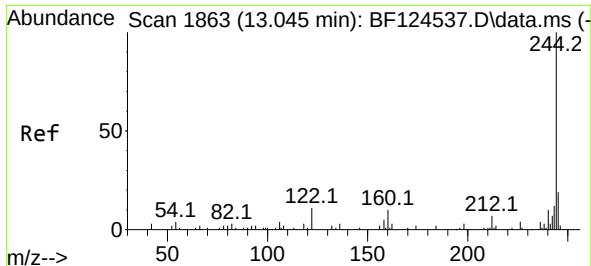
Tgt Ion:240 Resp: 15706
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.1 21.6 32.4



#77
Benzidine
Concen: 2.32 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.253 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion:184 Resp: 1365
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

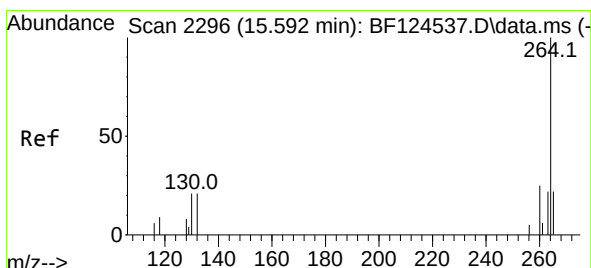
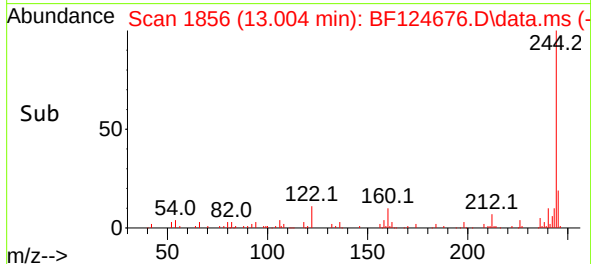
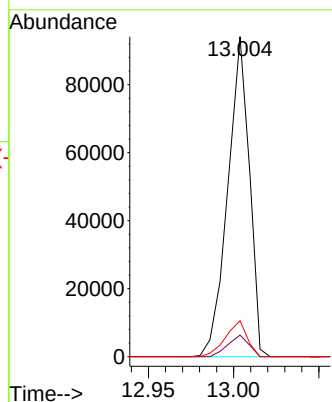
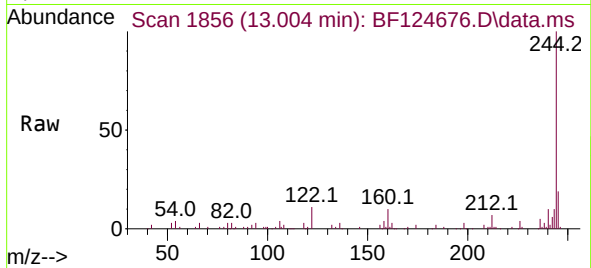




#79
Terphenyl-d14
Concen: 88.71 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Instrument :
BNA_F
ClientSampleId :
EQ-TANK-TESTING-BOTTOM

Tgt Ion:244 Resp: 82968
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF124676.D
Acq: 21 Jul 2021 23:02

Tgt Ion:264 Resp: 14850
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 22.3 17.2 25.8

