

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124478.D
 Acq On : 28 Jun 2021 20:19
 Operator : JU/CG
 Sample : M2856-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jun 29 05:12:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

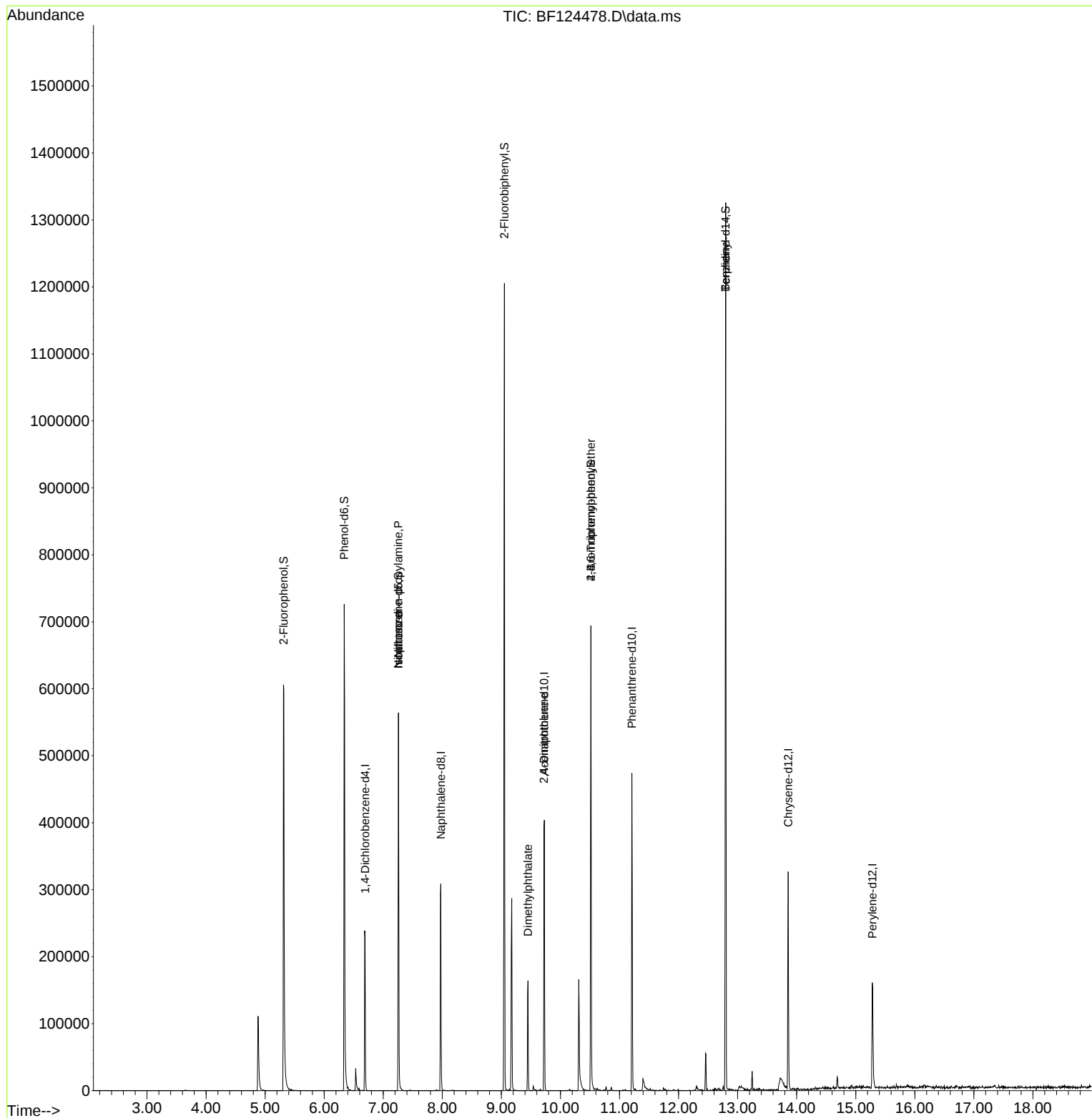
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	36663	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	134458	20.00	ng	#-0.01
39) Acenaphthene-d10	9.727	164	82623	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	155878	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	100219	20.00	ng	-0.01
86) Perylene-d12	15.280	264	71049	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	166449	71.40	ng	-0.01
7) Phenol-d6	6.339	99	210971	69.31	ng	-0.02
23) Nitrobenzene-d5	7.257	82	153704	47.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	67593	68.47	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	323377	47.94	ng	-0.02
79) Terphenyl-d14	12.798	244	384033	57.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.257	70	21926	10.71	ng	# 65
25) Isophorone	7.257	82	153703	27.57	ng	# 69
50) Dimethylphthalate	9.451	163	61010	9.37	ng	# 95
57) 2,4-Dinitrotoluene	9.722	165	10159	5.09	ng	# 17
67) 4-Bromophenyl-phenylether	10.516	248	4266	2.03	ng	# 1
77) Benzidine	12.798	184	6237	3.11	ng	# 87

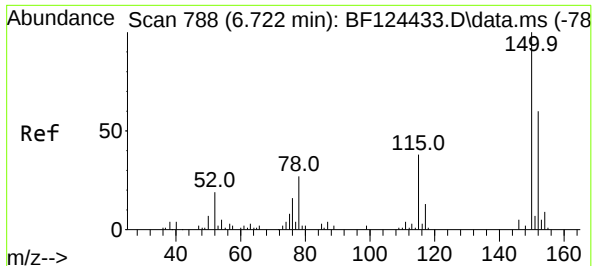
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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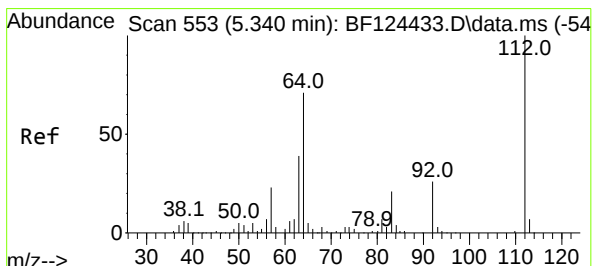
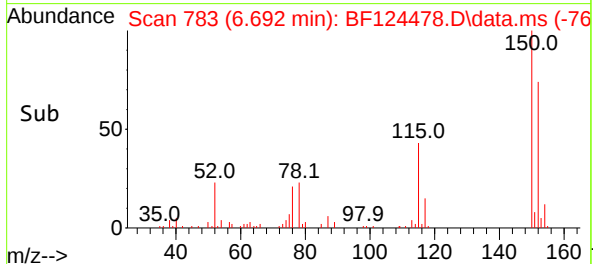
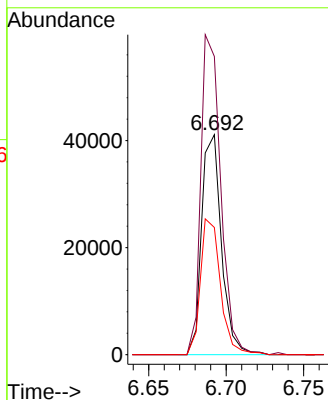
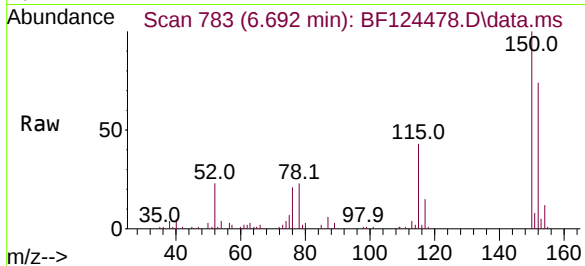




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

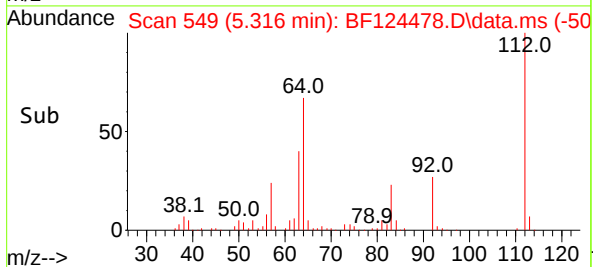
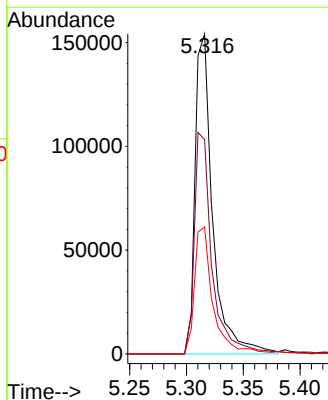
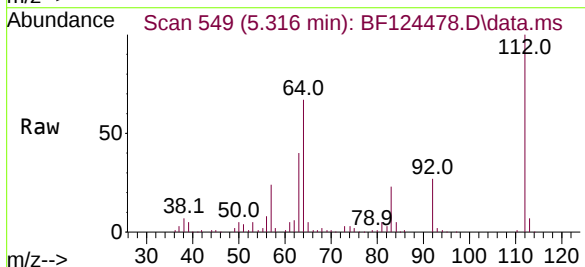
Instrument :
BNA_F
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SB-04-COMP

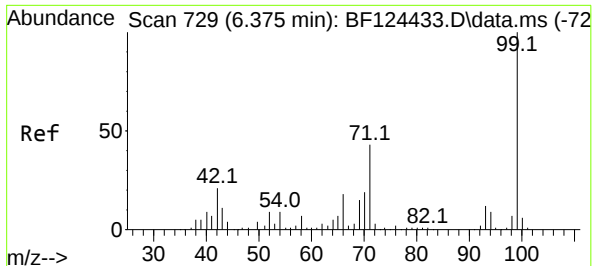
Tgt Ion:152 Resp: 36663
Ion Ratio Lower Upper
152 100
150 135.5 127.0 190.6
115 57.8 54.3 81.5



#5
2-Fluorophenol
Concen: 71.40 ng
RT: 5.316 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion:112 Resp: 166449
Ion Ratio Lower Upper
112 100
64 67.0 61.4 92.0
63 39.6 33.0 49.4

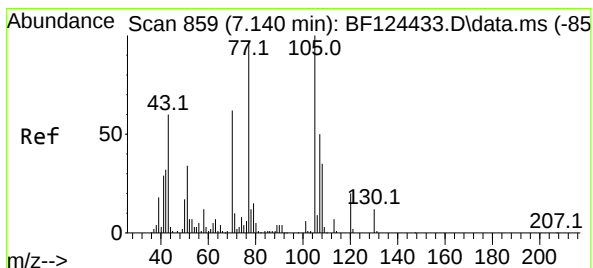
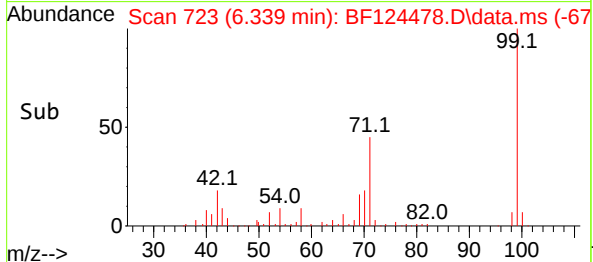
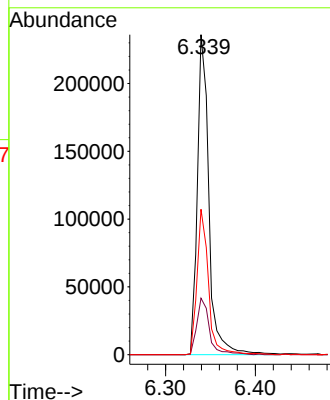
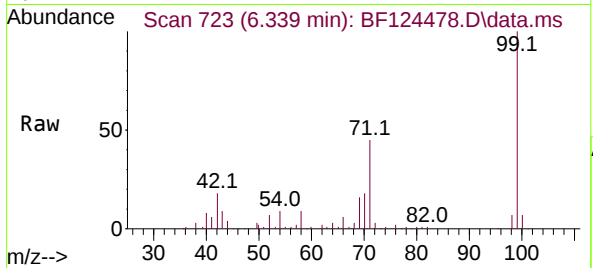




#7
Phenol-d6
Concen: 69.31 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.024 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

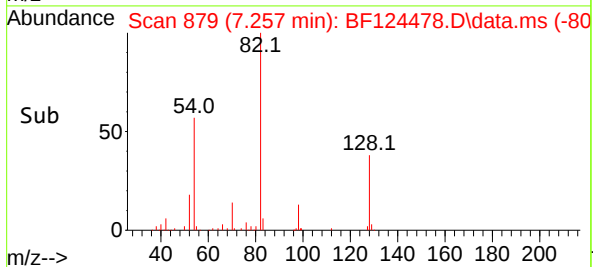
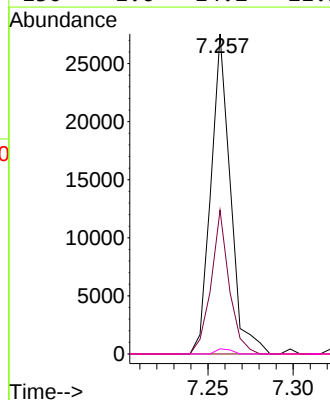
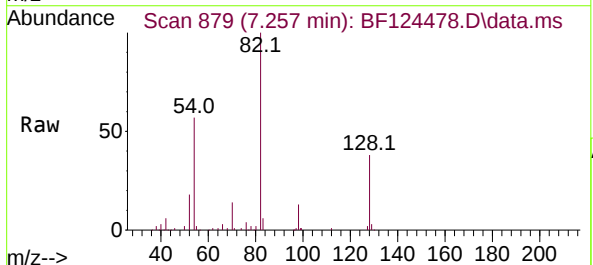
Instrument :
BNA_F
ClientSampleId :
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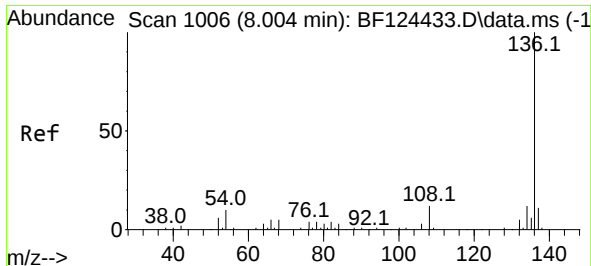
Tgt Ion: 99 Resp: 210971
Ion Ratio Lower Upper
99 100
42 17.7 19.8 29.8#
71 45.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.71 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion: 70 Resp: 21926
Ion Ratio Lower Upper
70 100
42 44.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

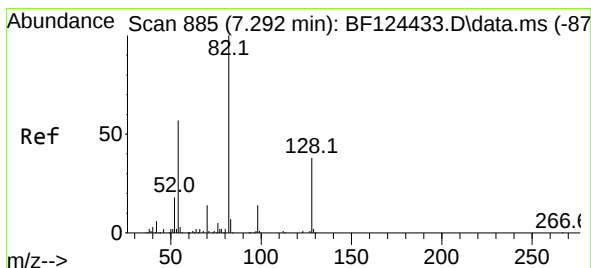
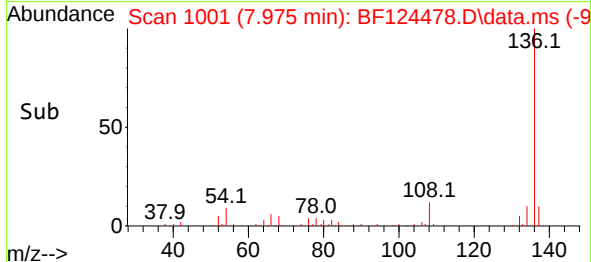
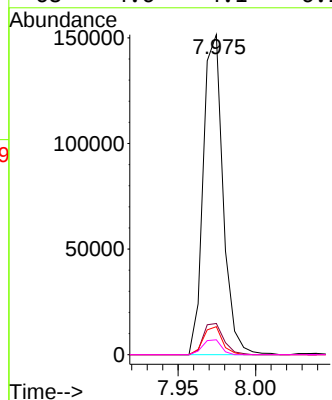
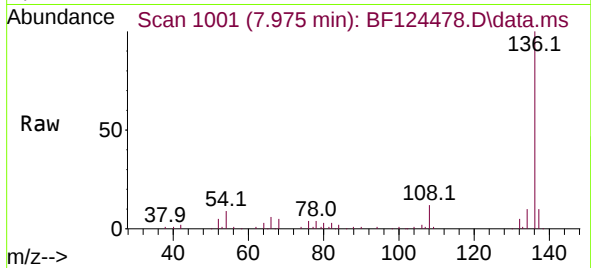




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

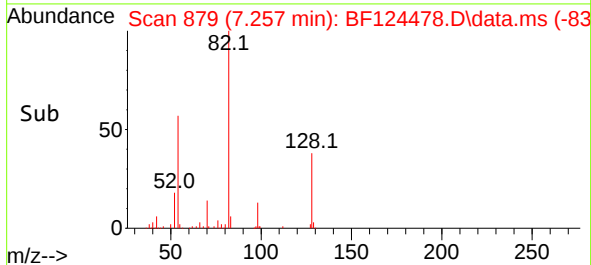
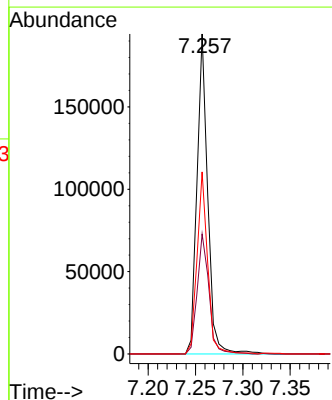
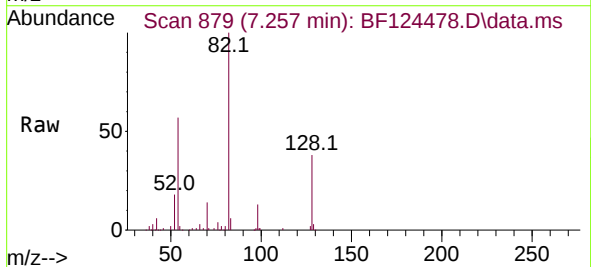
Instrument :
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ClientSampleId :
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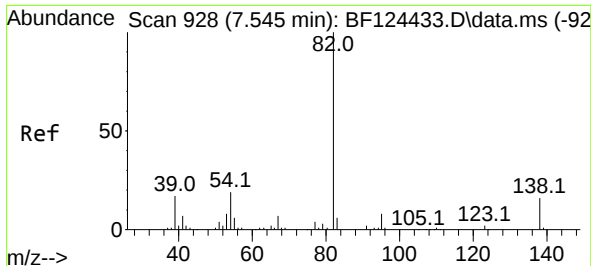
Tgt Ion:136	Resp:	134458
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.7 13.1
54	8.8	9.8 14.6#
68	4.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 47.40 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion: 82	Resp:	153704
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.4 44.2
54	56.9	54.1 81.1

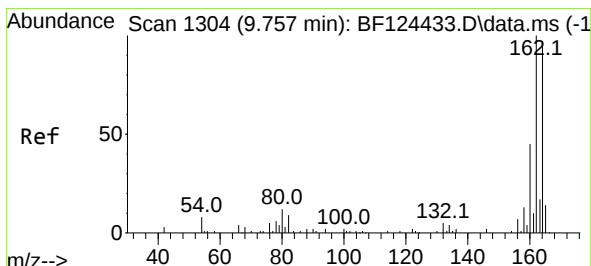
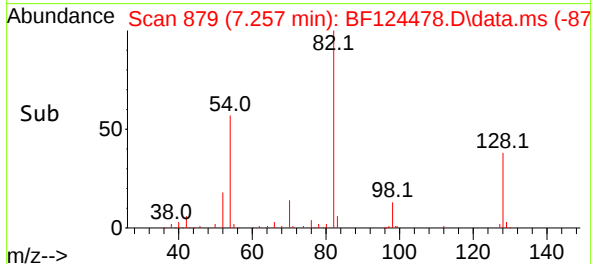
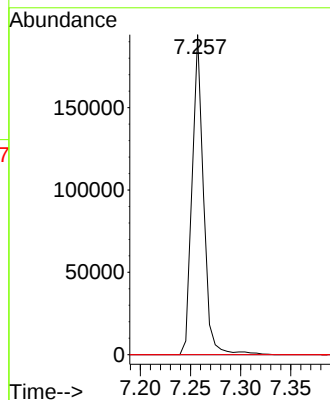
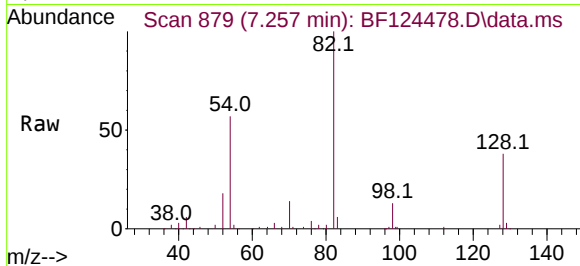




#25
Isophorone
Concen: 27.57 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.276 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

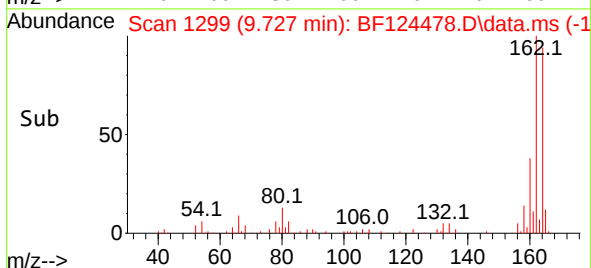
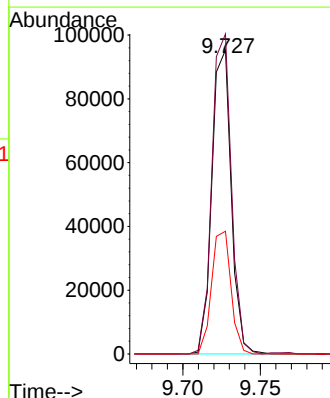
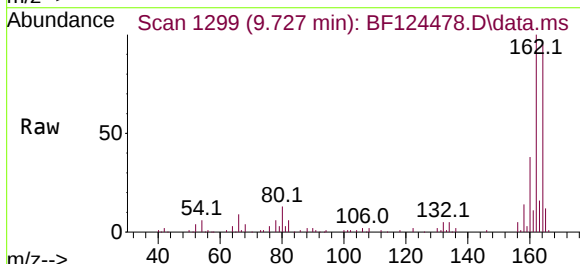
Instrument :
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ClientSampleId :
SB-04-COMP

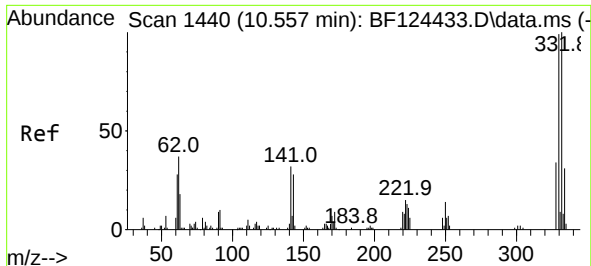
Tgt Ion: 82 Resp: 153703
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion: 164 Resp: 82623
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 40.4 37.3 55.9

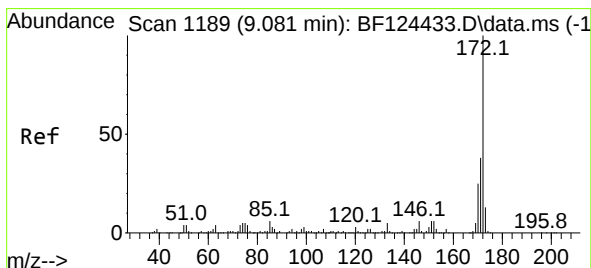
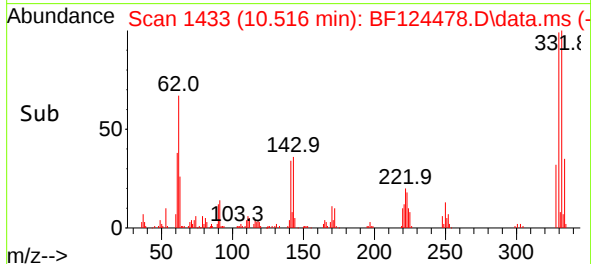
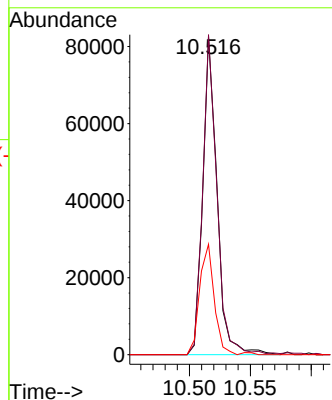
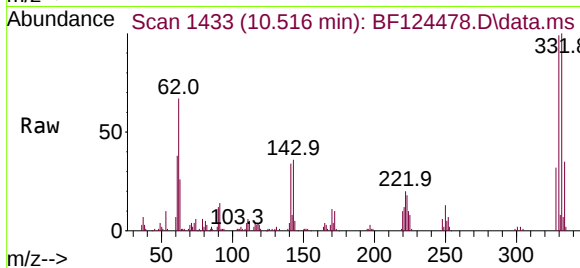




#42
2,4,6-Tribromophenol
Concen: 68.47 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

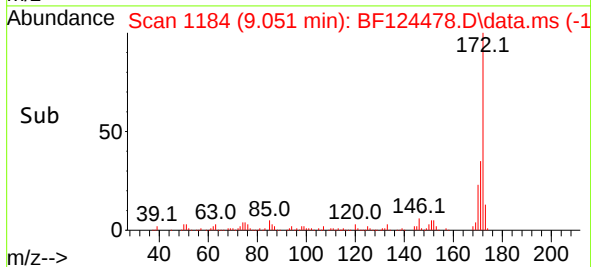
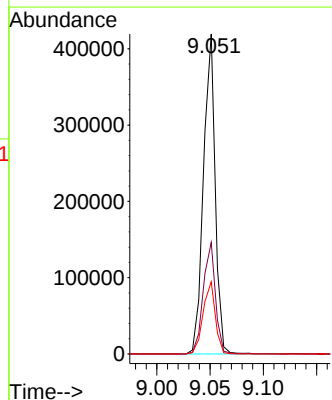
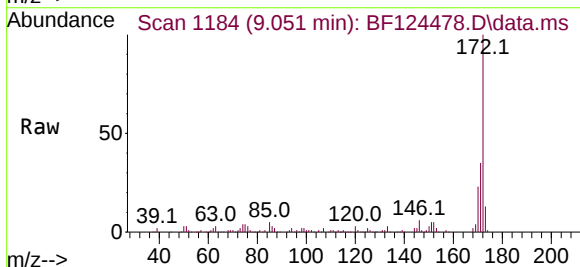
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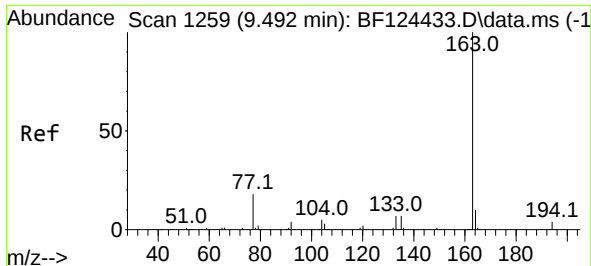
Tgt Ion: 330 Resp: 67593
Ion Ratio Lower Upper
330 100
332 100.2 77.1 115.7
141 35.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 47.94 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion: 172 Resp: 323377
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.6 19.2 28.8

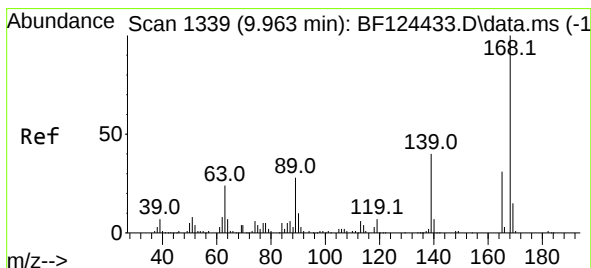
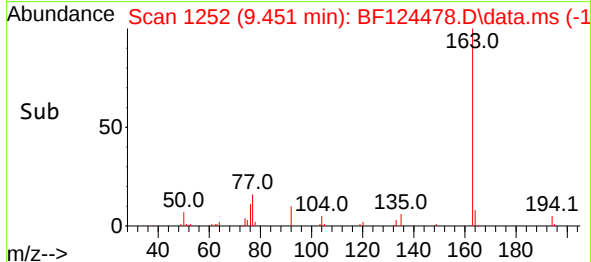
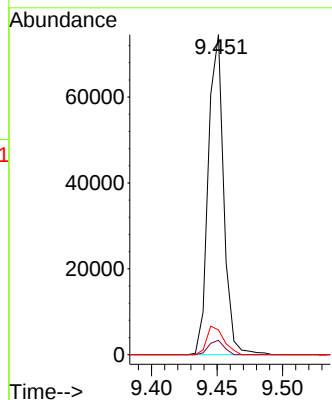
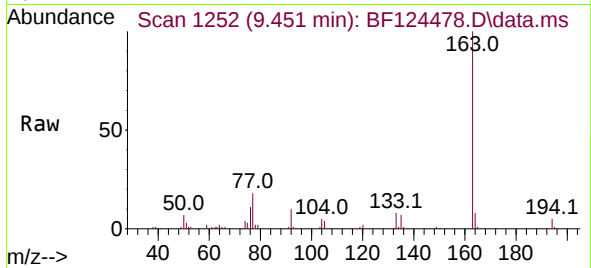




#50
Dimethylphthalate
Concen: 9.37 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.024 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

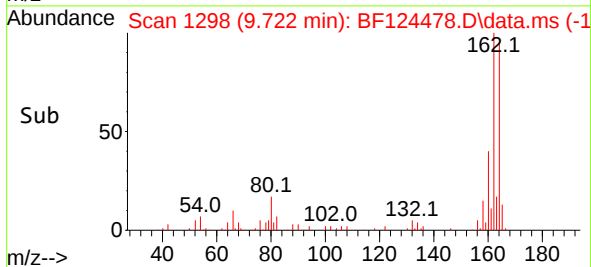
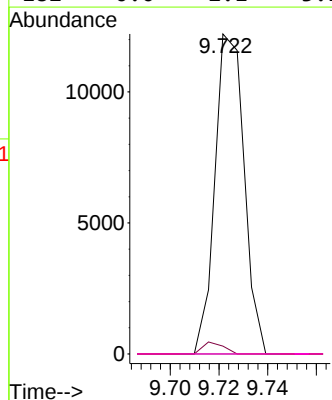
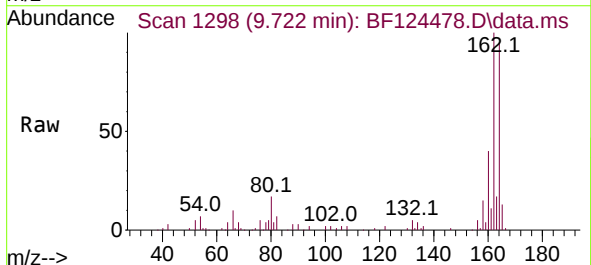
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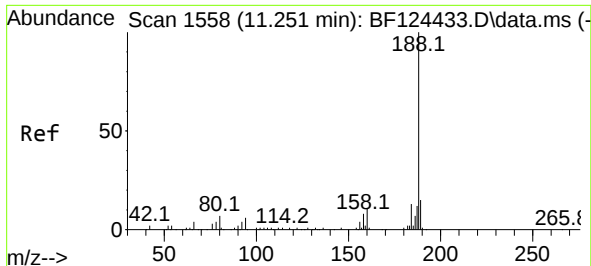
Tgt Ion:163 Resp: 61010
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 7.8 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 5.09 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.224 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion:165 Resp: 10159
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

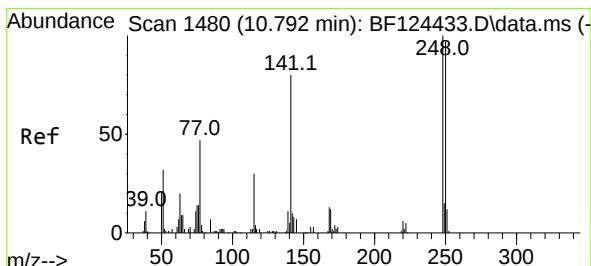
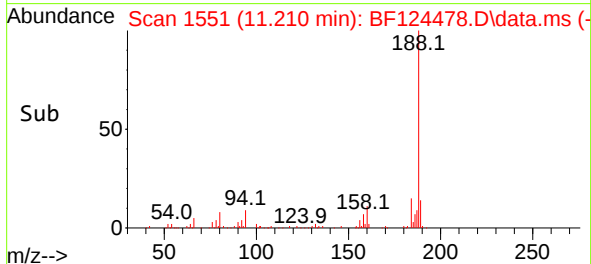
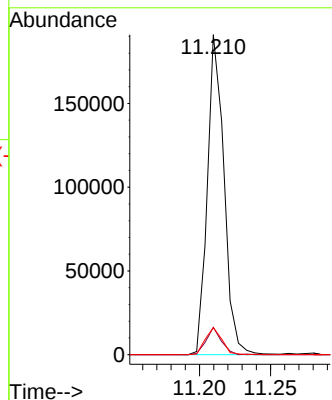
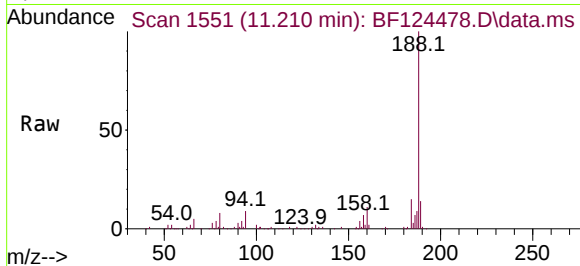




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

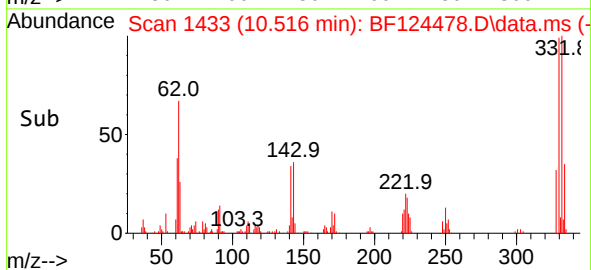
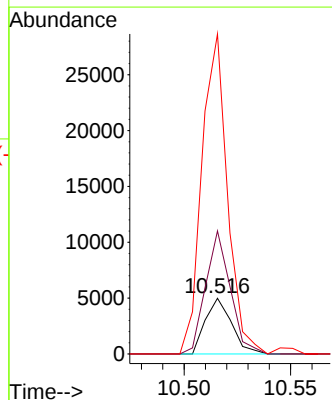
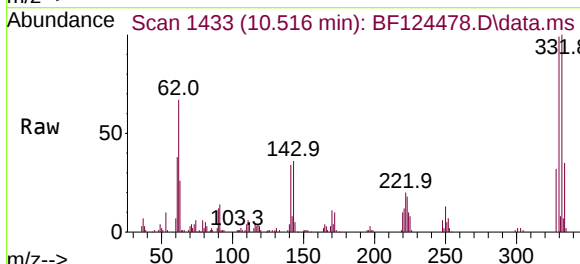
Instrument :
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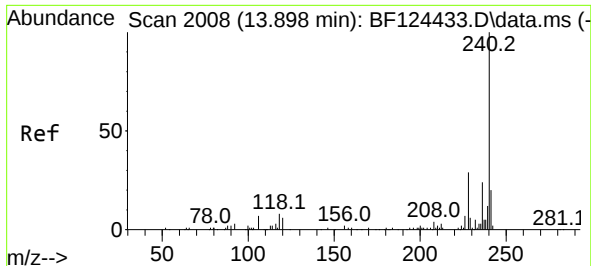
Tgt Ion:188	Resp:	155878
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.9 10.3
80	8.5	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.03 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion:248	Resp:	4266
Ion Ratio	Lower	Upper
248	100	
250	221.1	77.4 116.2#
141	574.9	63.7 95.5#

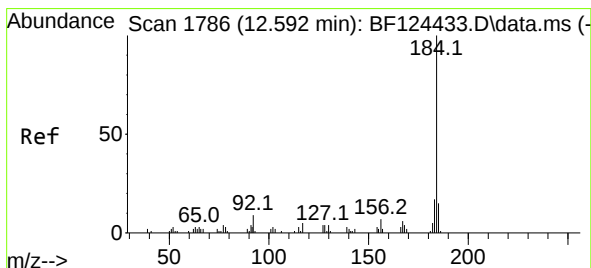
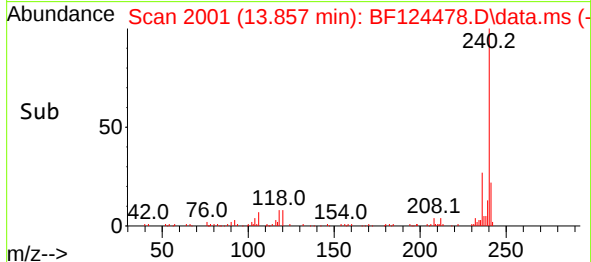
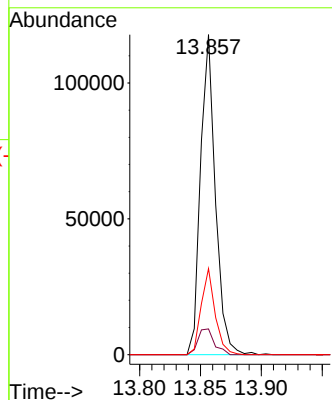
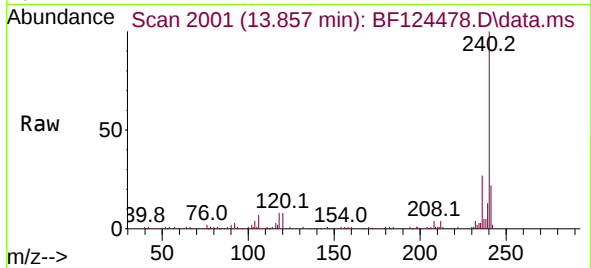




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

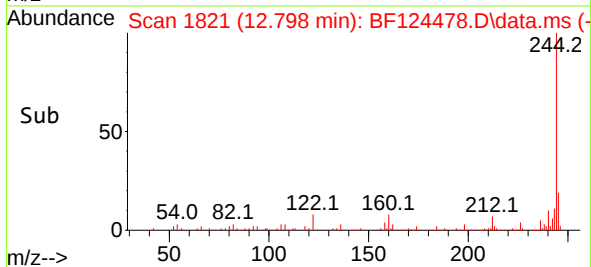
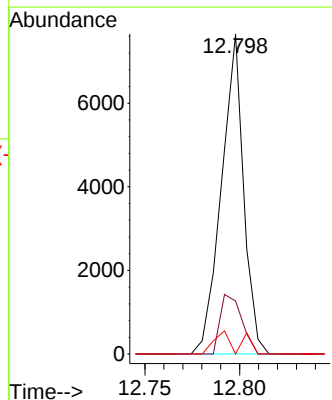
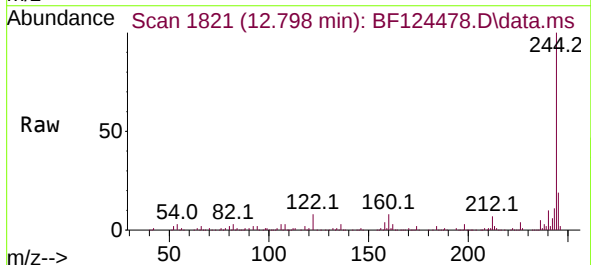
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

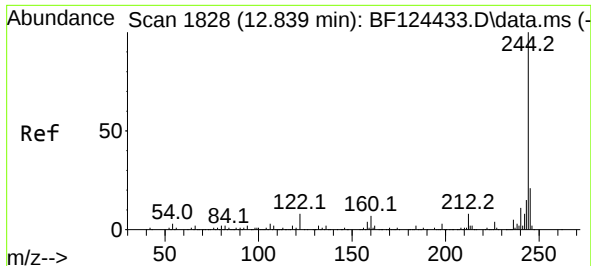
Tgt Ion:240 Resp: 100219
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 26.9 19.0 28.4



#77
Benzidine
Concen: 3.11 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124478.D
Acq: 28 Jun 2021 20:19

Tgt Ion:184 Resp: 6237
Ion Ratio Lower Upper
184 100
185 16.6 12.1 18.1
183 0.0 7.8 11.8#

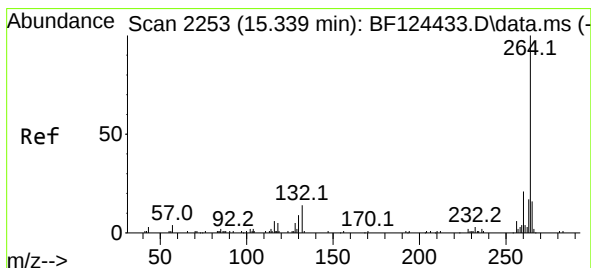
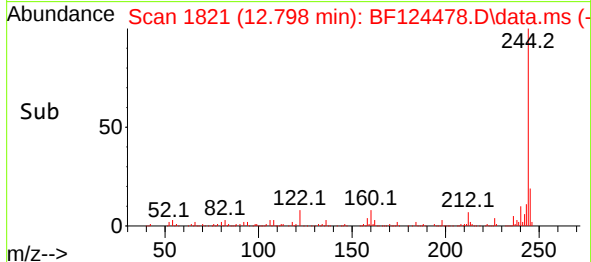
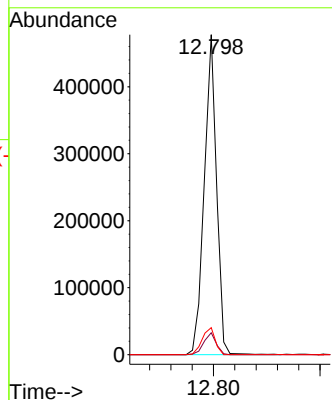
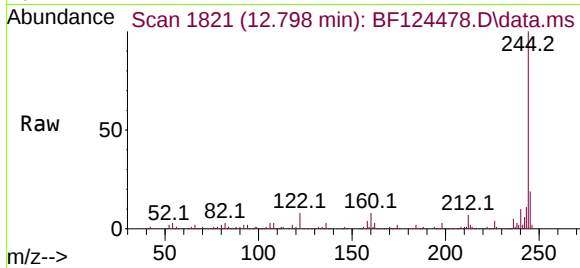




#79
 Terphenyl-d14
 Concen: 57.39 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF124478.D
 Acq: 28 Jun 2021 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:244 Resp: 384033
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.5 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.280 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF124478.D
 Acq: 28 Jun 2021 20:19

Tgt Ion:264 Resp: 71049
 Ion Ratio Lower Upper
 264 100
 260 20.2 18.7 28.1
 265 24.1 17.8 26.8

