

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124480.D
 Acq On : 28 Jun 2021 21:28
 Operator : JU/CG
 Sample : M2856-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Jun 29 05:12:51 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)

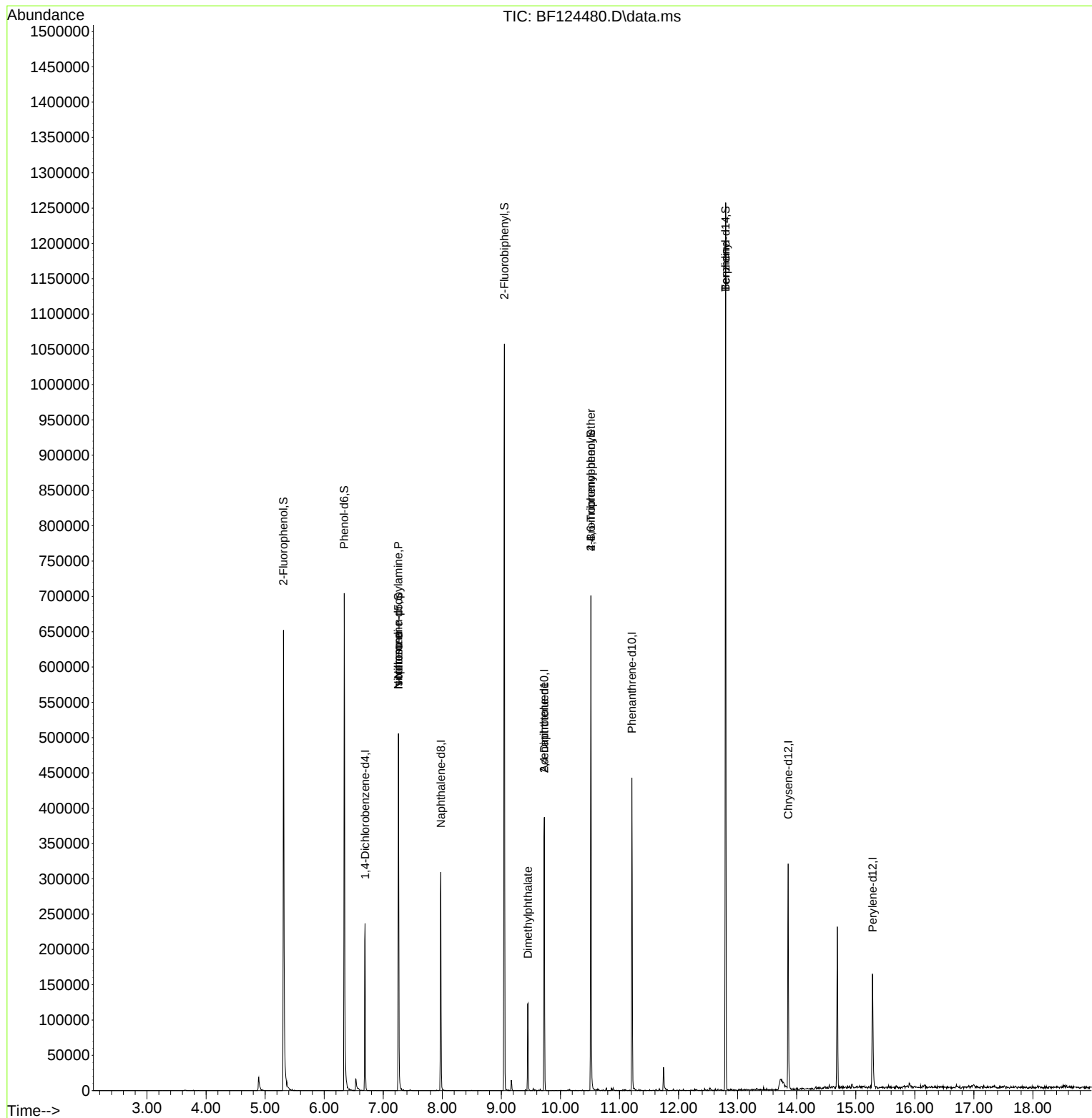
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	33765	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	130214	20.00	ng	#-0.01
39) Acenaphthene-d10	9.727	164	76372	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	143872	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	100253	20.00	ng	-0.01
86) Perylene-d12	15.286	264	72780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	162941	75.89	ng	-0.02
7) Phenol-d6	6.339	99	196488	70.09	ng	-0.02
23) Nitrobenzene-d5	7.257	82	141376	45.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	67283	73.74	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	299136	47.98	ng	-0.02
79) Terphenyl-d14	12.798	244	354578	52.97	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	20482	10.86	ng	# 59
25) Isophorone	7.257	82	141375	26.18	ng	# 69
50) Dimethylphthalate	9.451	163	48278	8.02	ng	96
57) 2,4-Dinitrotoluene	9.727	165	9882	5.36	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	4516	2.33	ng	# 1
77) Benzidine	12.798	184	5962	2.97	ng	# 89

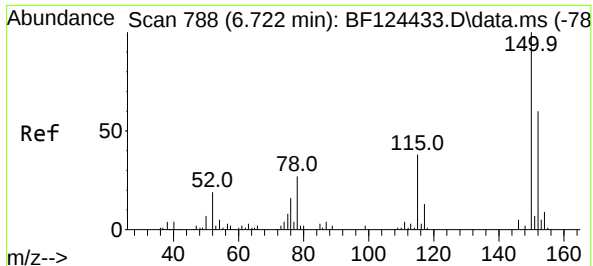
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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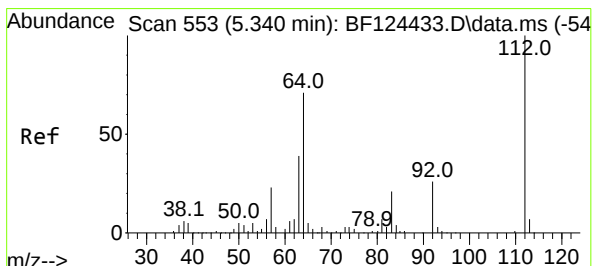
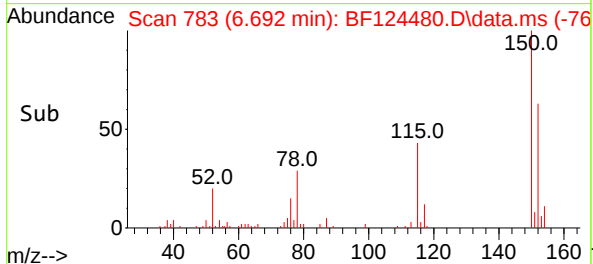
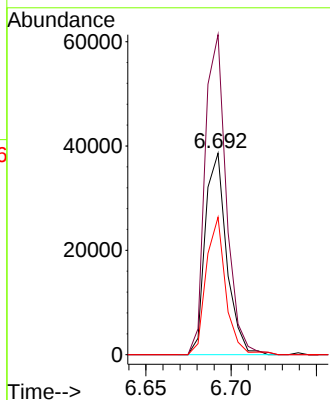
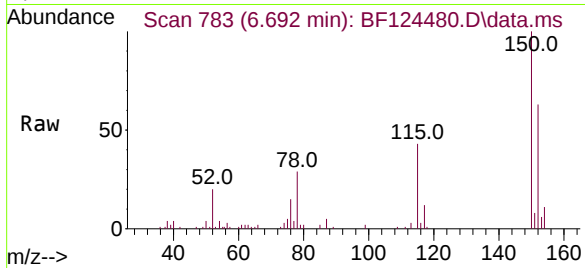




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

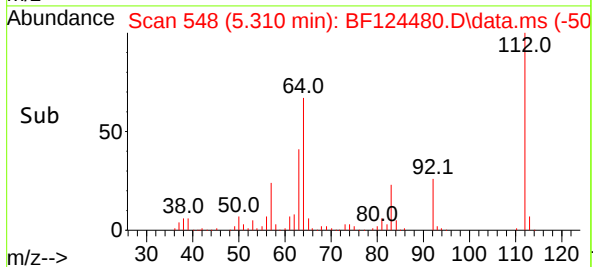
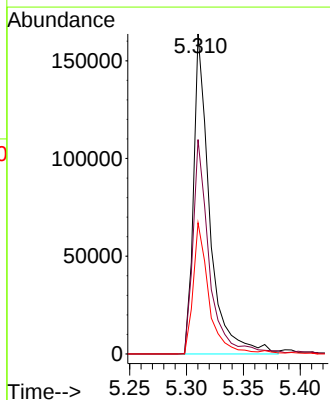
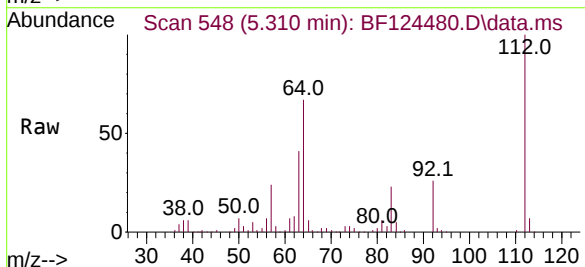
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

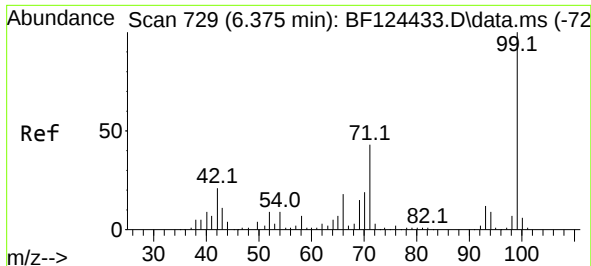
Tgt Ion:152 Resp: 33765
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 68.2 54.3 81.5



#5
2-Fluorophenol
Concen: 75.89 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion:112 Resp: 162941
Ion Ratio Lower Upper
112 100
64 67.0 61.4 92.0
63 41.0 33.0 49.4

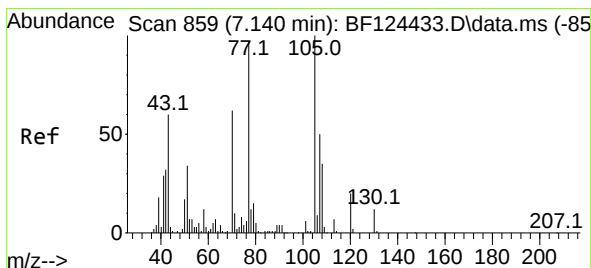
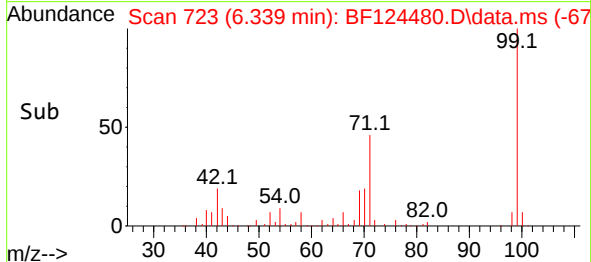
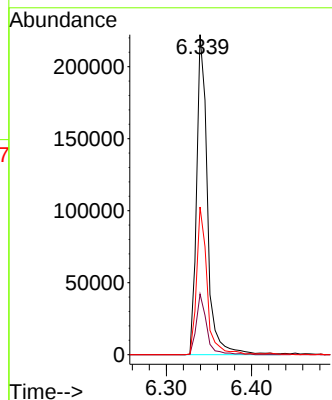
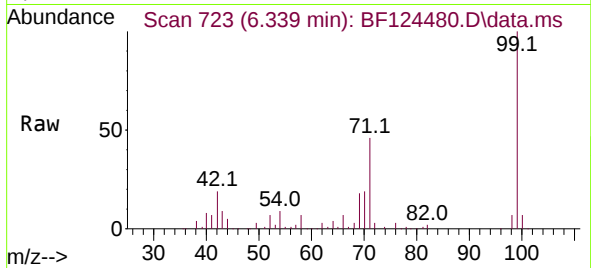




#7
Phenol-d6
Concen: 70.09 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.024 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

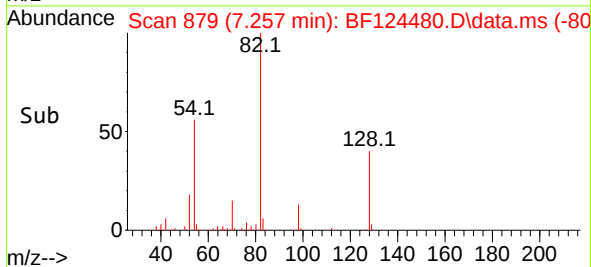
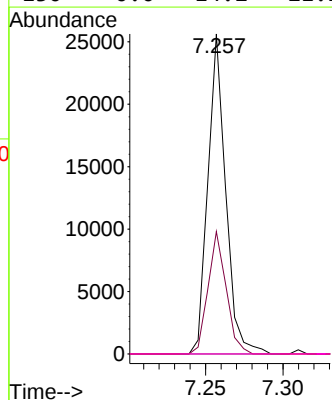
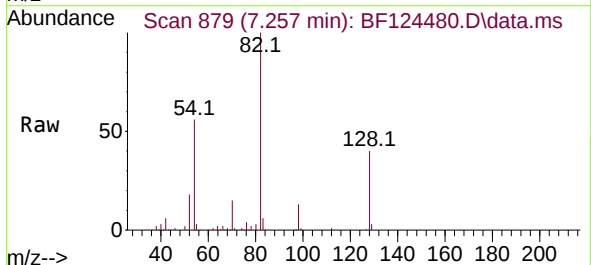
Instrument :
BNA_F
ClientSampleId :
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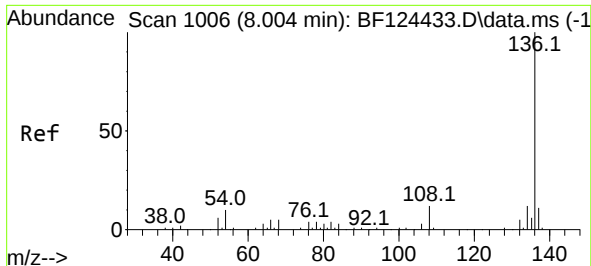
Tgt Ion: 99 Resp: 196488
Ion Ratio Lower Upper
99 100
42 19.0 19.8 29.8#
71 46.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.86 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

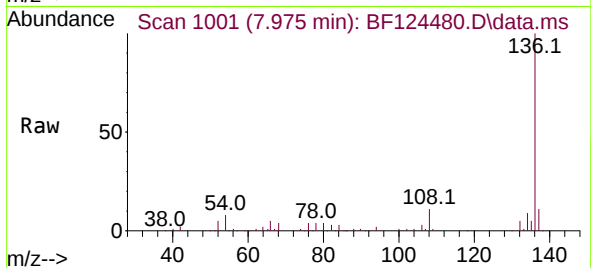
Tgt Ion: 70 Resp: 20482
Ion Ratio Lower Upper
70 100
42 38.2 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



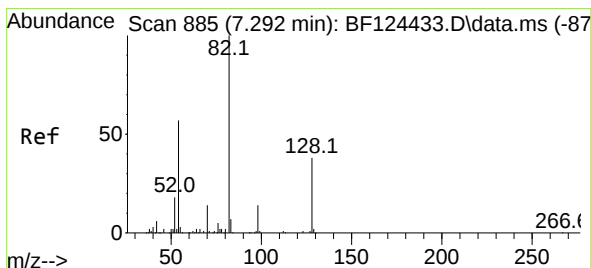
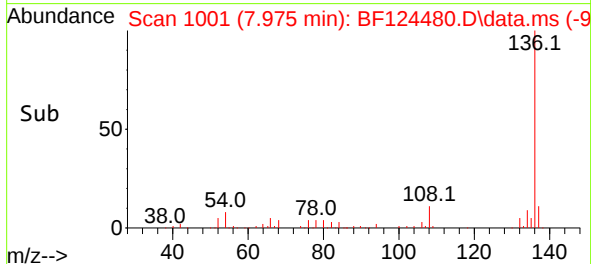
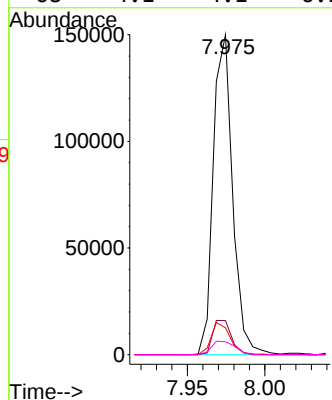


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

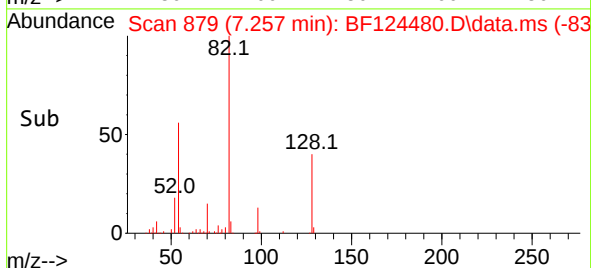
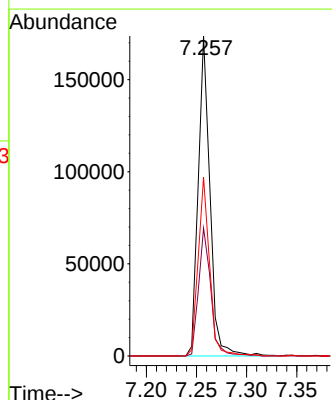
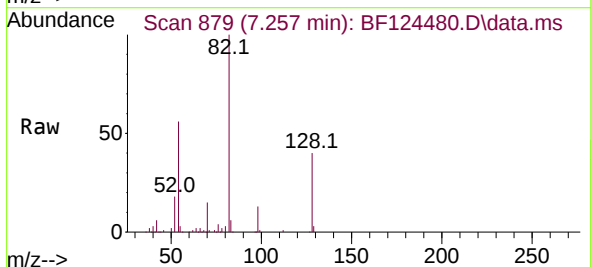


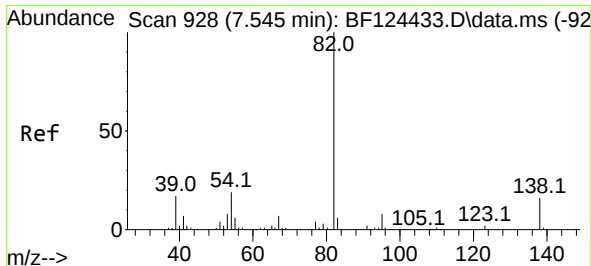
Tgt Ion:136 Resp: 130214
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.4 9.8 14.6#
68 4.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 45.02 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion: 82 Resp: 141376
Ion Ratio Lower Upper
82 100
128 39.9 29.4 44.2
54 55.8 54.1 81.1

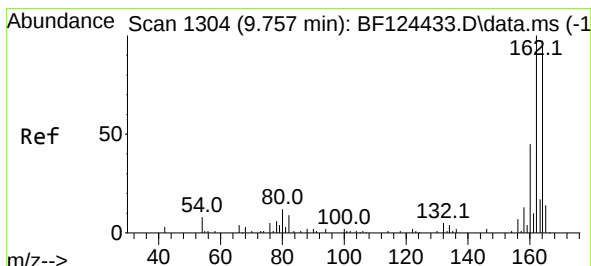
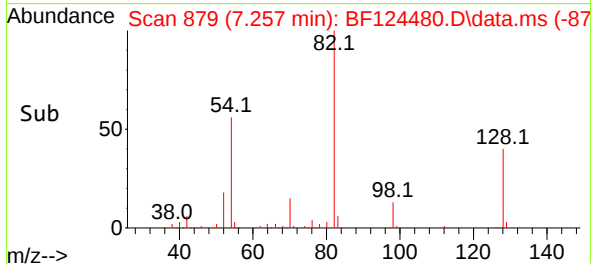
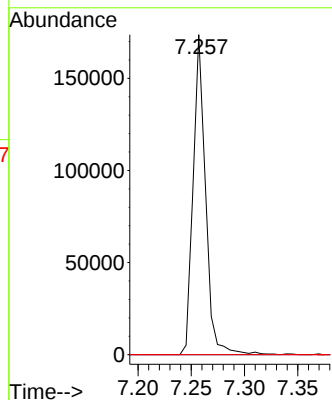
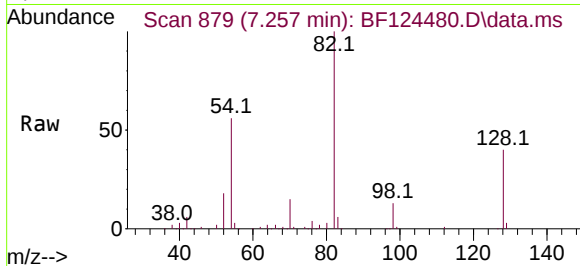




#25
Isophorone
Concen: 26.18 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.277 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

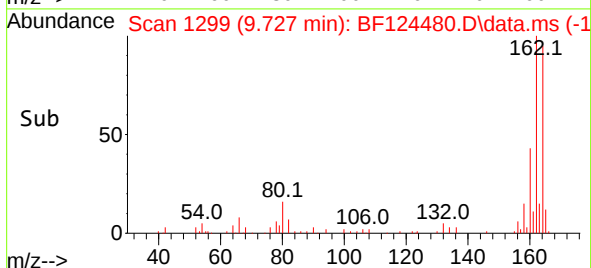
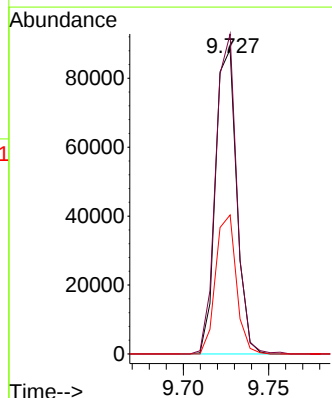
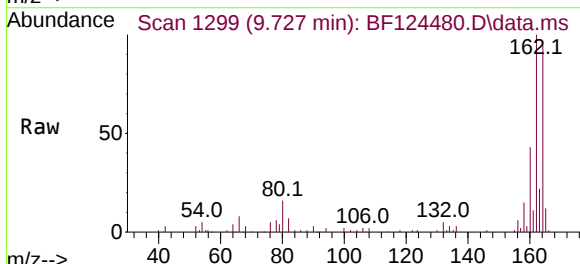
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ClientSampleId :
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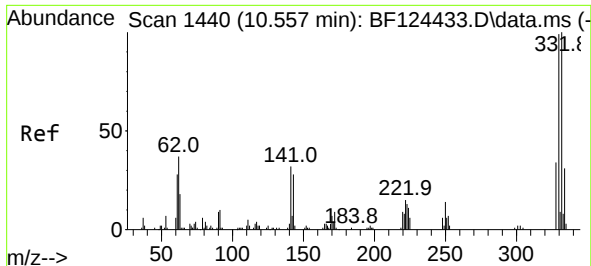
Tgt Ion: 82 Resp: 141375
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion: 164 Resp: 76372
Ion Ratio Lower Upper
164 100
162 105.1 80.7 121.1
160 45.7 37.3 55.9

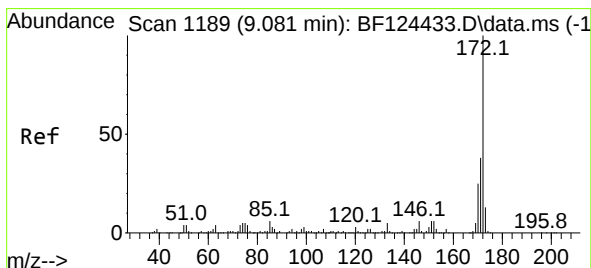
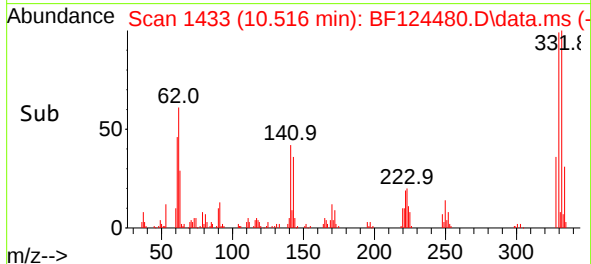
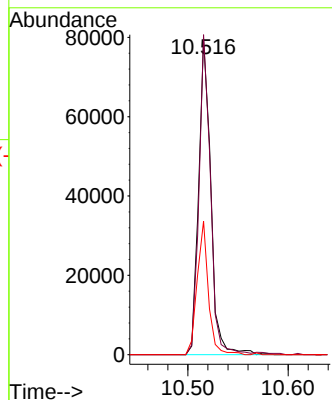
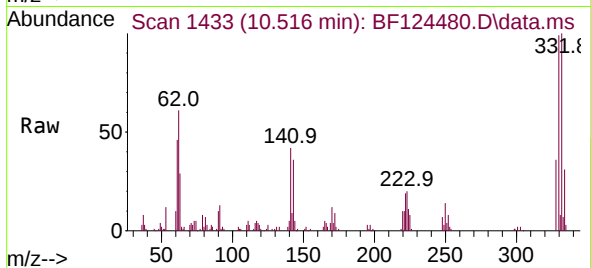




#42
2,4,6-Tribromophenol
Concen: 73.74 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

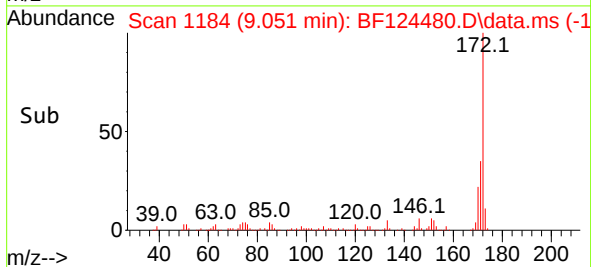
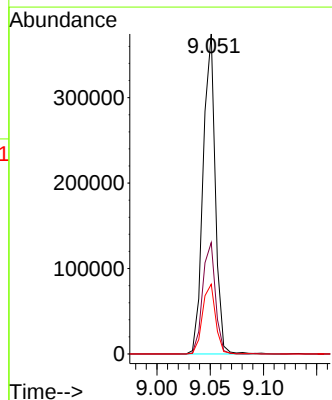
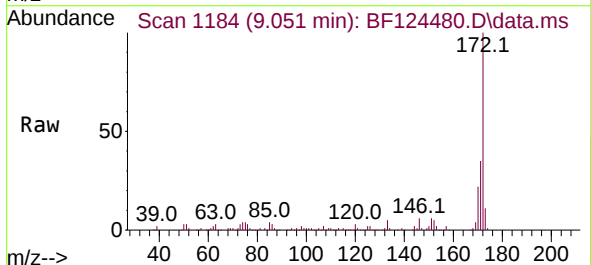
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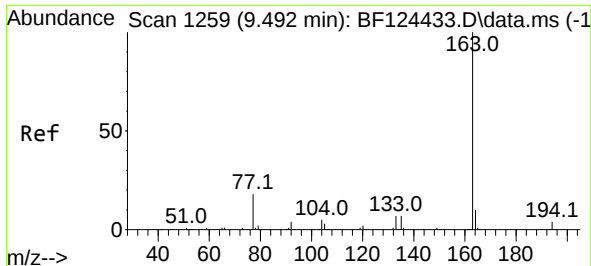
Tgt Ion: 330 Resp: 67283
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 38.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 47.98 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion: 172 Resp: 299136
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 21.8 19.2 28.8

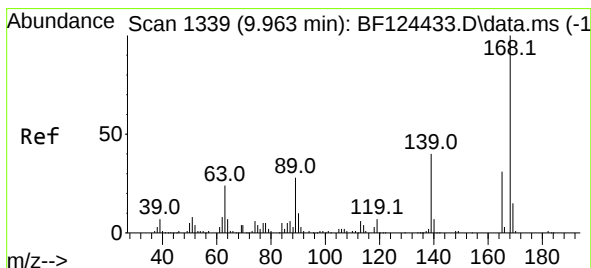
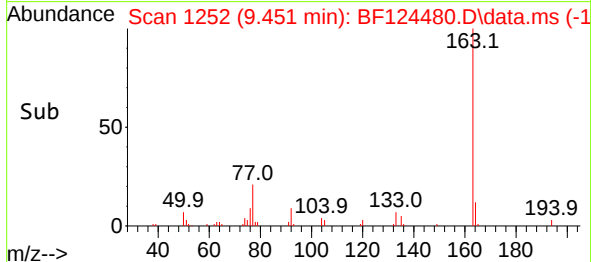
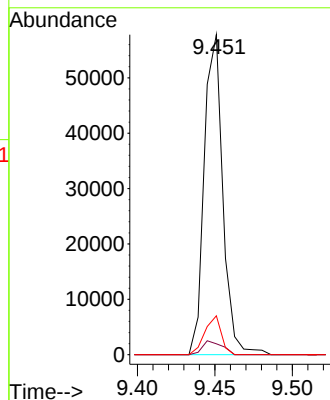
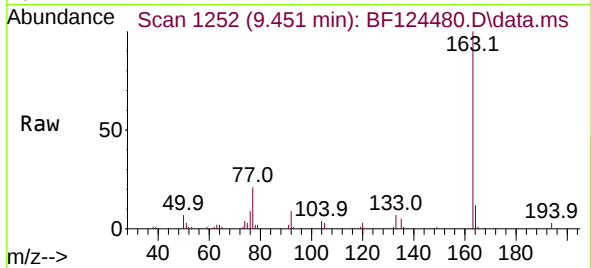




#50
Dimethylphthalate
Concen: 8.02 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.024 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

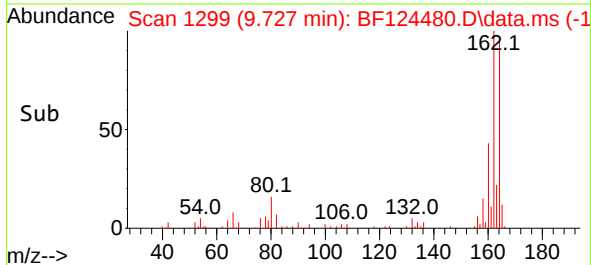
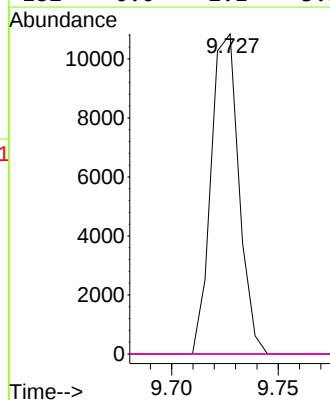
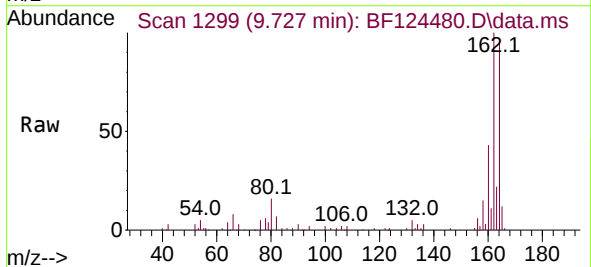
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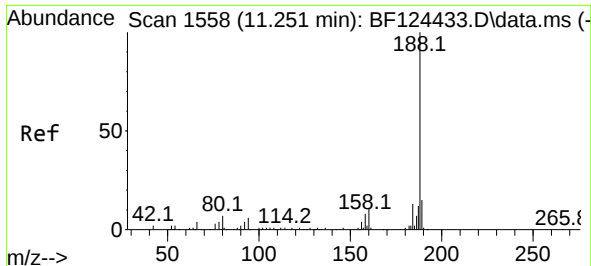
Tgt Ion:163 Resp: 48278
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 12.2 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.218 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion:165 Resp: 9882
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

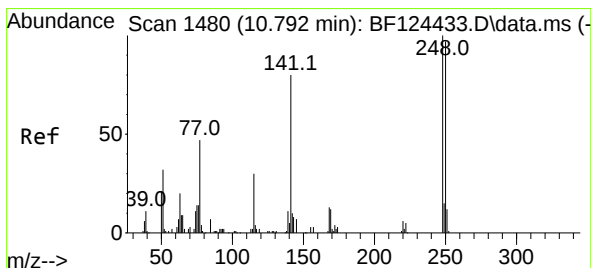
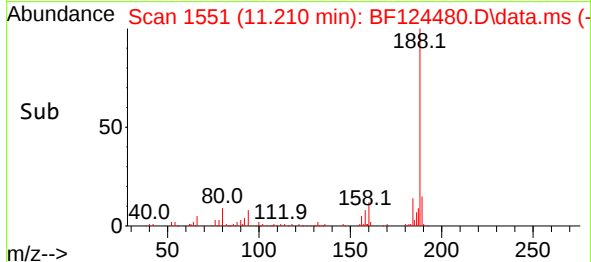
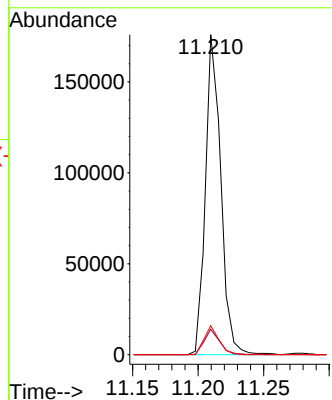
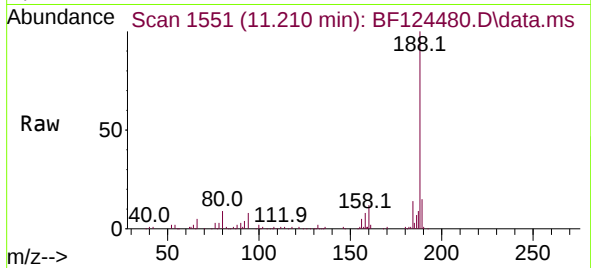




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

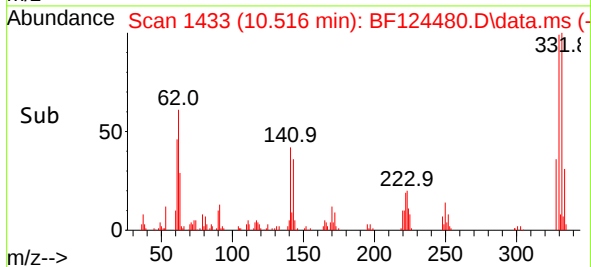
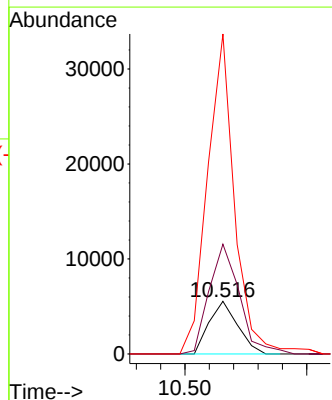
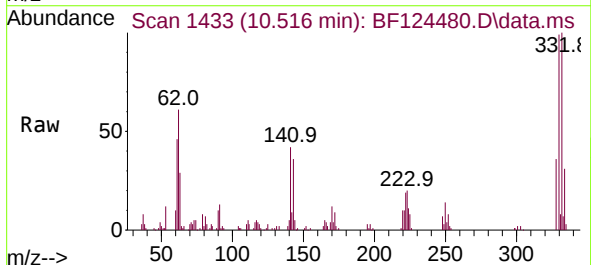
Instrument :
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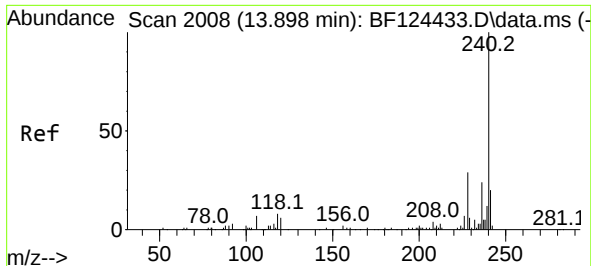
Tgt Ion:188 Resp: 143872
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.33 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion:248 Resp: 4516
Ion Ratio Lower Upper
248 100
250 208.6 77.4 116.2#
141 608.2 63.7 95.5#

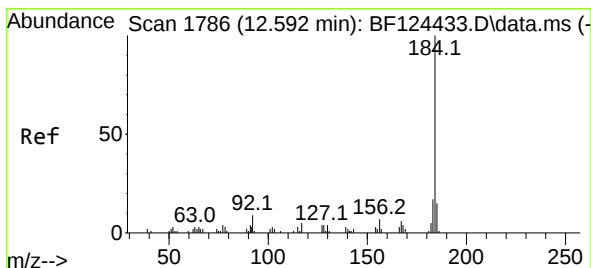
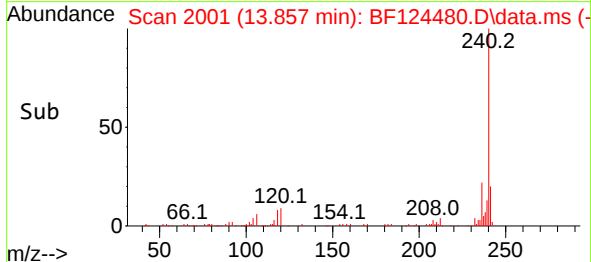
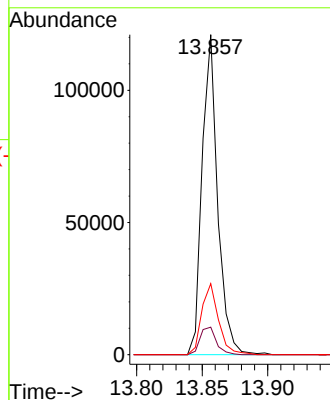
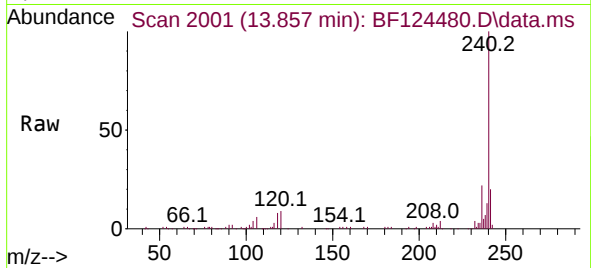




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

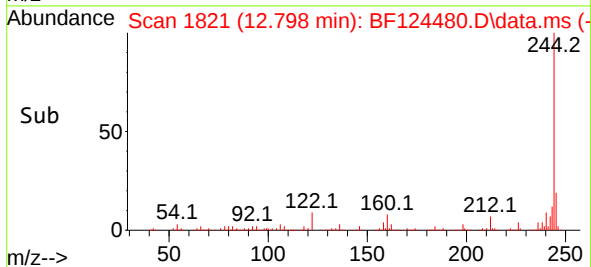
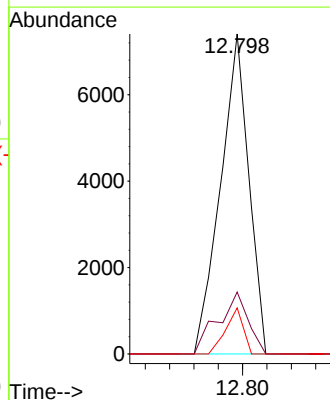
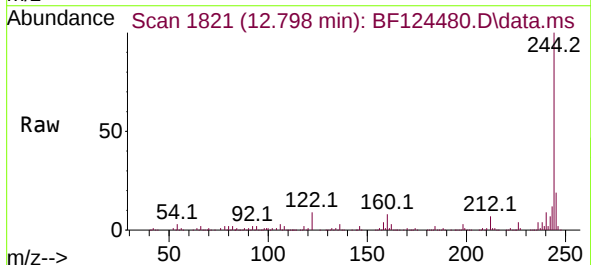
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

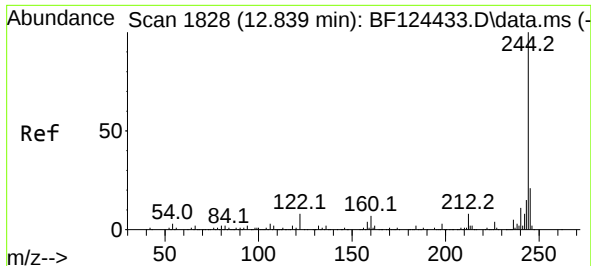
Tgt Ion:240 Resp: 100253
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.2 19.0 28.4



#77
Benzidine
Concen: 2.97 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124480.D
Acq: 28 Jun 2021 21:28

Tgt Ion:184 Resp: 5962
Ion Ratio Lower Upper
184 100
185 19.4 12.1 18.1#
183 14.4 7.8 11.8#

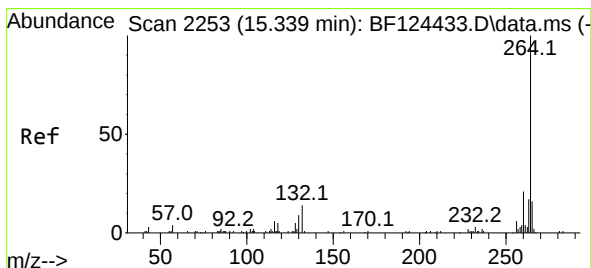
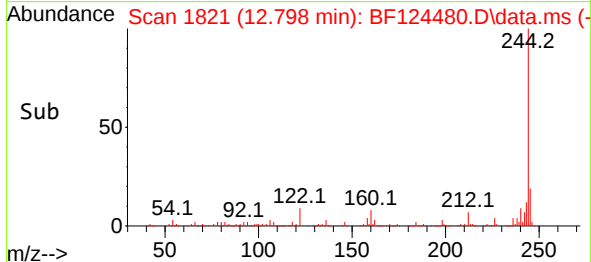
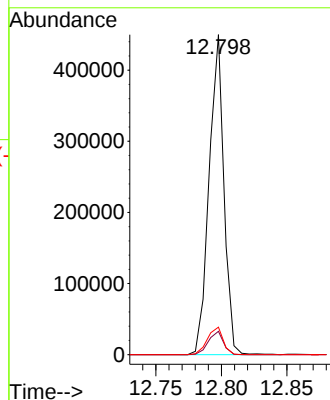
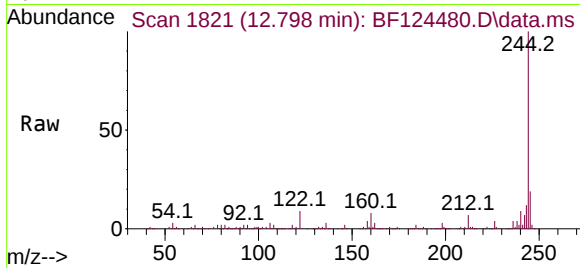




#79
 Terphenyl-d14
 Concen: 52.97 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF124480.D
 Acq: 28 Jun 2021 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:244 Resp: 354578
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.6 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124480.D
 Acq: 28 Jun 2021 21:28

Tgt Ion:264 Resp: 72780
 Ion Ratio Lower Upper
 264 100
 260 20.4 18.7 28.1
 265 24.3 17.8 26.8

