

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124483.D
 Acq On : 28 Jun 2021 23:11
 Operator : JU/CG
 Sample : M2856-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jun 29 05:13:18 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)

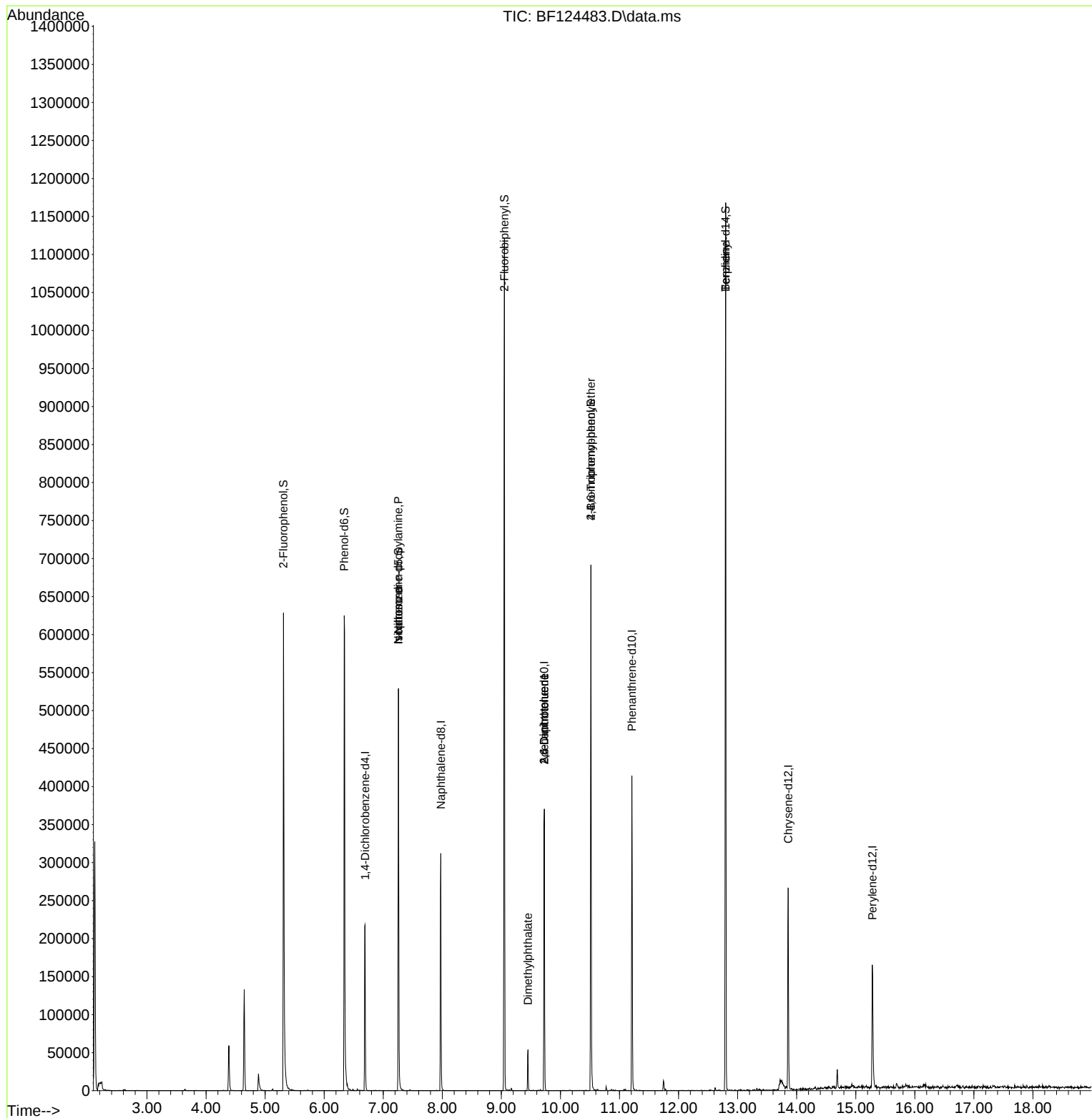
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	33023	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	126652	20.00	ng	#-0.01
39) Acenaphthene-d10	9.727	164	73896	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	139972	20.00	ng	#-0.02
76) Chrysene-d12	13.857	240	87250	20.00	ng	#-0.01
86) Perylene-d12	15.280	264	69032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	154414	73.54	ng	-0.02
7) Phenol-d6	6.339	99	194601	70.98	ng	-0.02
23) Nitrobenzene-d5	7.257	82	141894	46.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	66702	75.55	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	300975	49.89	ng	-0.02
79) Terphenyl-d14	12.798	244	342942	58.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.257	70	21922	11.89	ng	# 61
25) Isophorone	7.257	82	141890	27.02	ng	# 69
50) Dimethylphthalate	9.451	163	21341	3.66	ng	# 95
51) 2,6-Dinitrotoluene	9.727	165	10076	7.49	ng	# 10
57) 2,4-Dinitrotoluene	9.727	165	10076	5.65	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	4856	2.58	ng	# 1
77) Benzidine	12.798	184	5884	3.36	ng	99

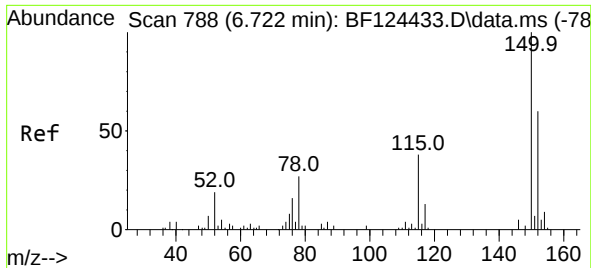
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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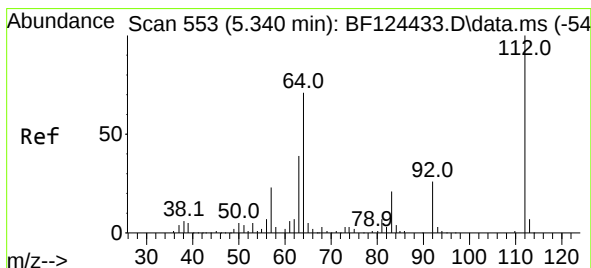
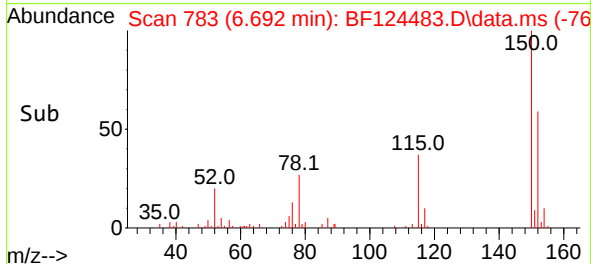
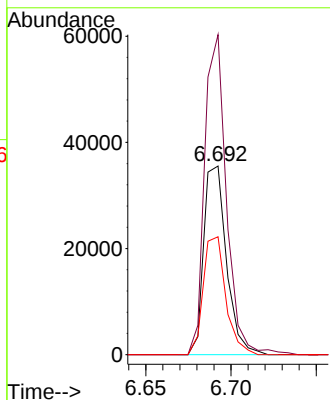
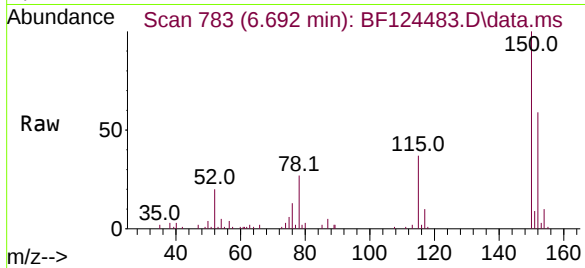




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

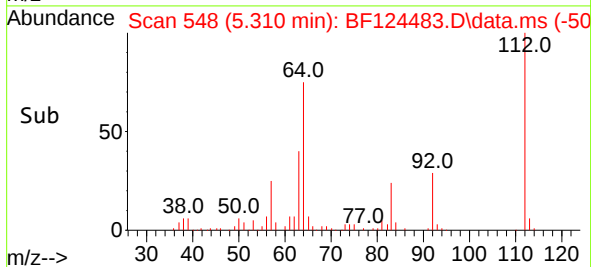
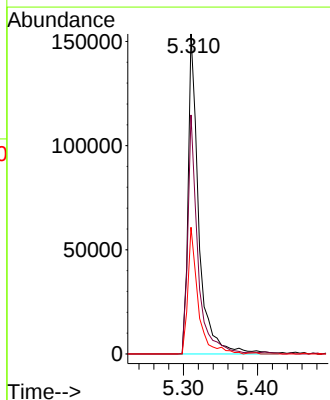
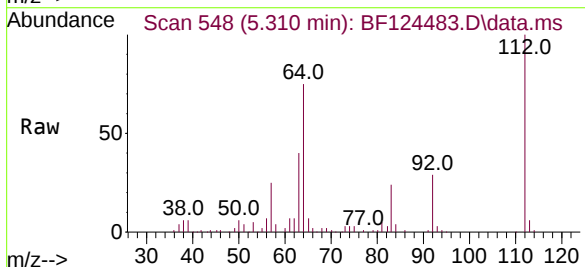
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BNA_F
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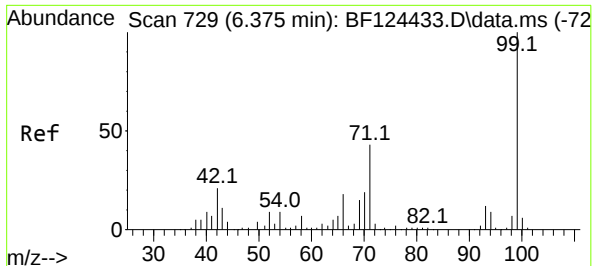
Tgt Ion:152 Resp: 33023
Ion Ratio Lower Upper
152 100
150 169.6 127.0 190.6
115 62.5 54.3 81.5



#5
2-Fluorophenol
Concen: 73.54 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion:112 Resp: 154414
Ion Ratio Lower Upper
112 100
64 74.7 61.4 92.0
63 39.6 33.0 49.4

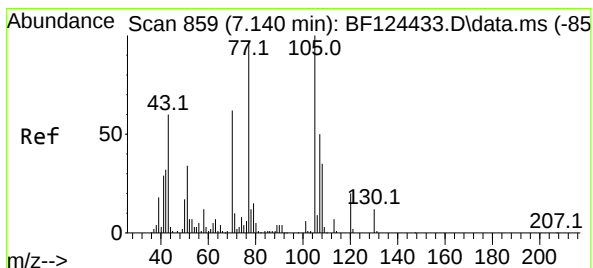
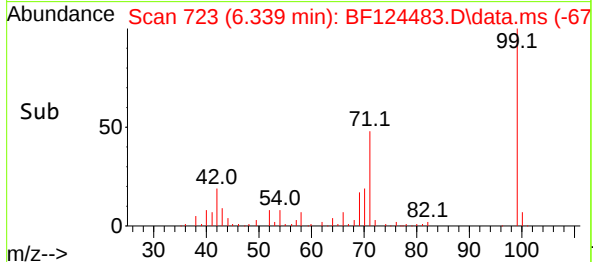
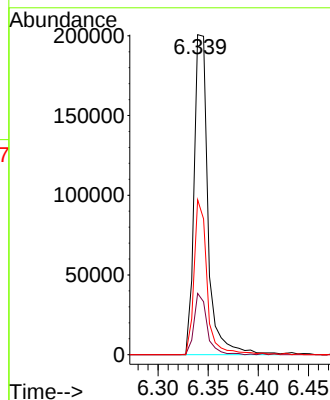
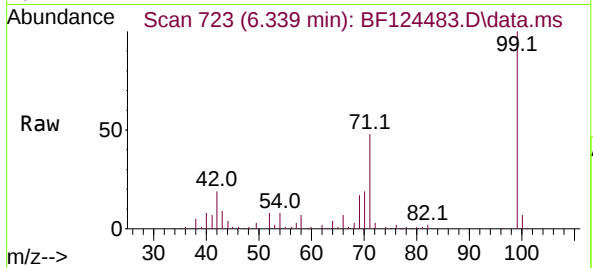




#7
Phenol-d6
Concen: 70.98 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.024 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

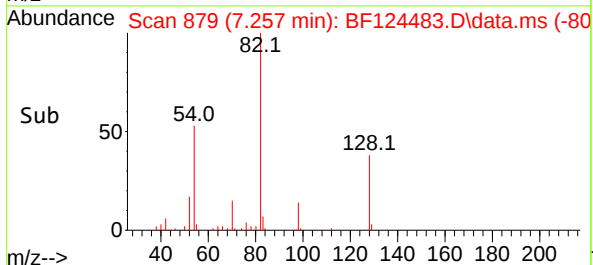
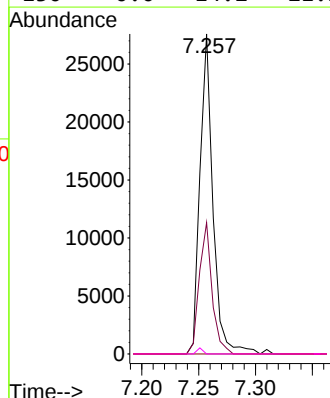
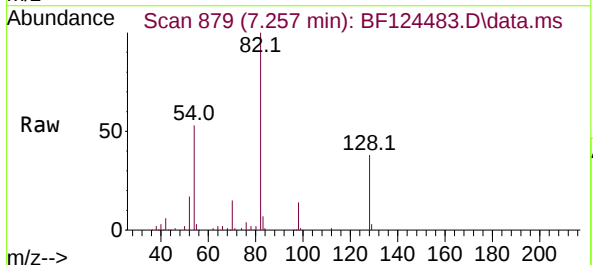
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ClientSampleId :
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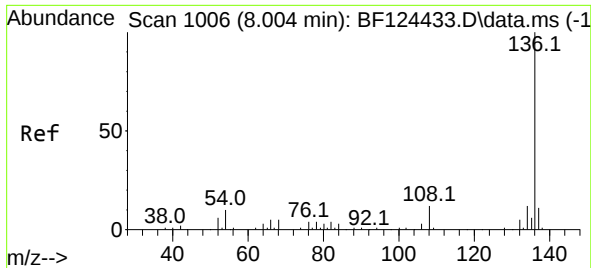
Tgt Ion: 99 Resp: 194601
Ion Ratio Lower Upper
99 100
42 19.1 19.8 29.8#
71 48.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 11.89 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion: 70 Resp: 21922
Ion Ratio Lower Upper
70 100
42 41.0 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

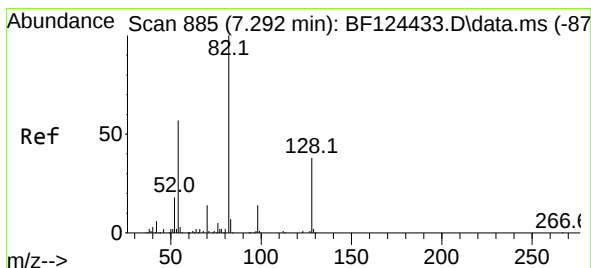
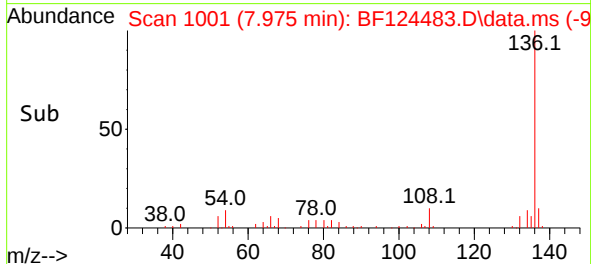
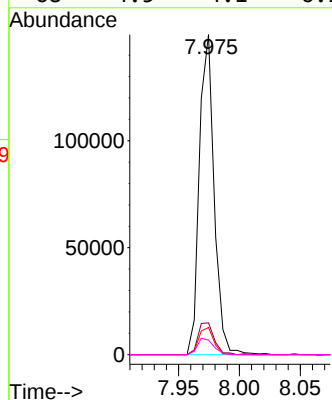
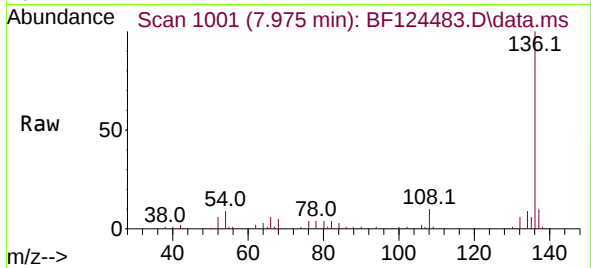




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

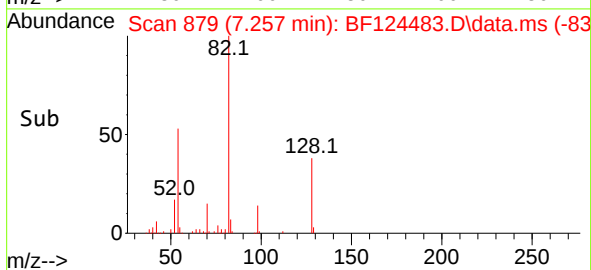
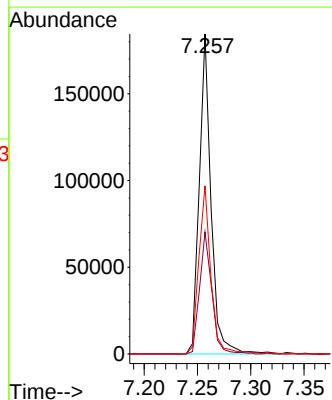
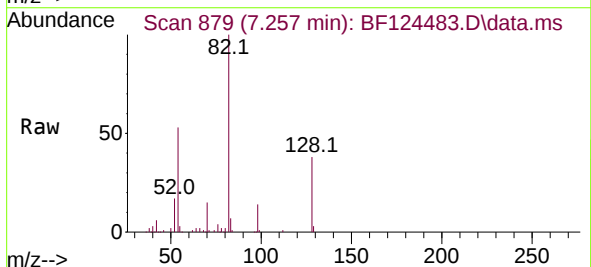
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

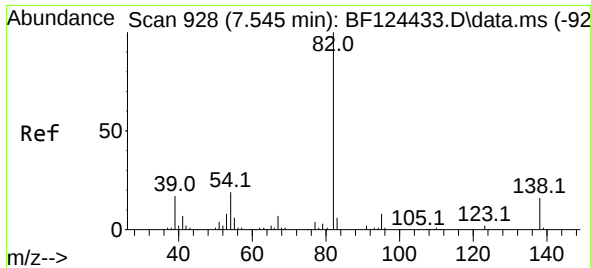
Tgt Ion:136	Resp:	126652
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.7 13.1
54	8.5	9.8 14.6#
68	4.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 46.45 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion: 82	Resp:	141894
Ion Ratio	Lower	Upper
82	100	
128	38.1	29.4 44.2
54	52.6	54.1 81.1#

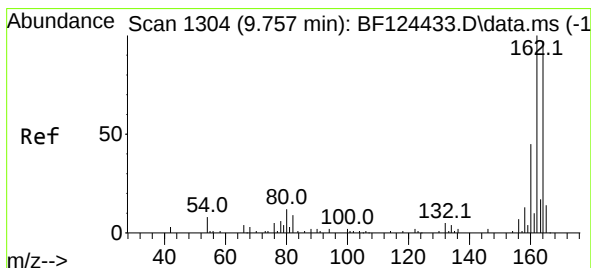
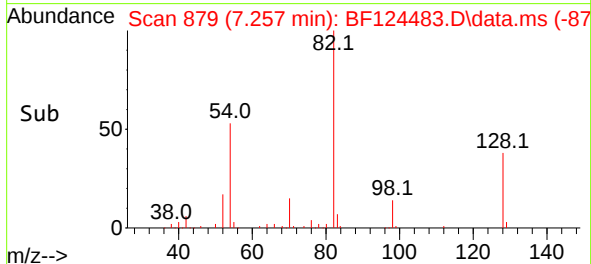
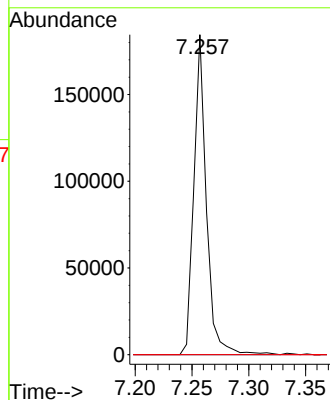
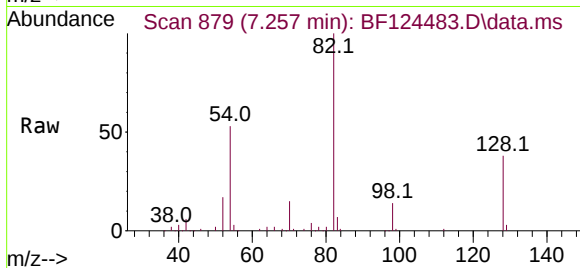




#25
Isophorone
Concen: 27.02 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.277 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

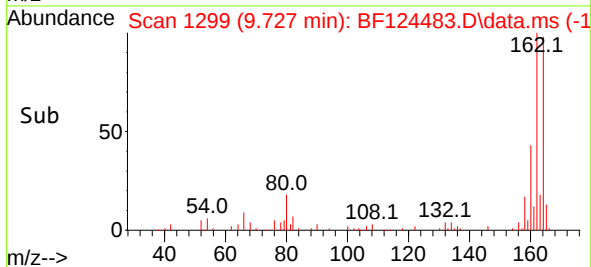
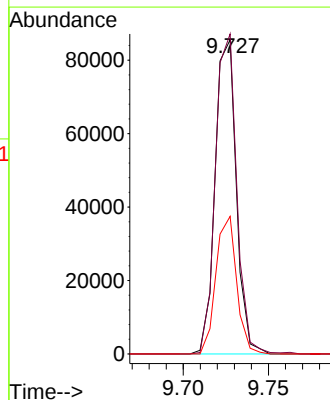
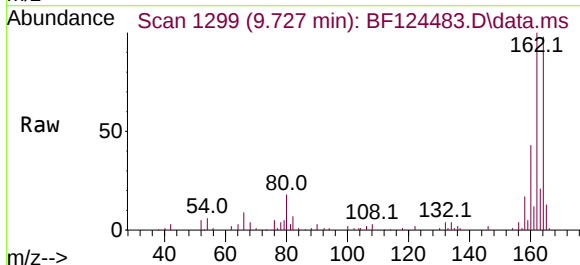
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ClientSampleId :
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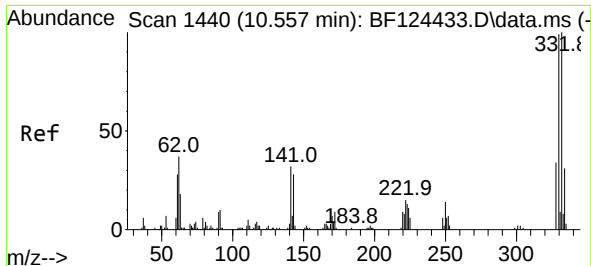
Tgt Ion: 82 Resp: 141890
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion: 164 Resp: 73896
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 43.8 37.3 55.9

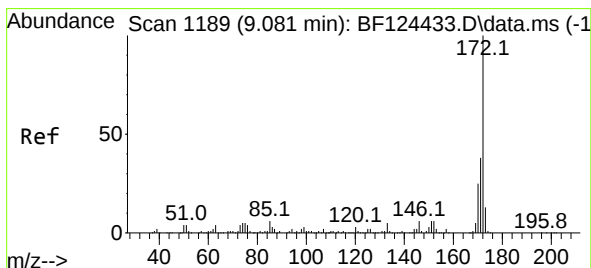
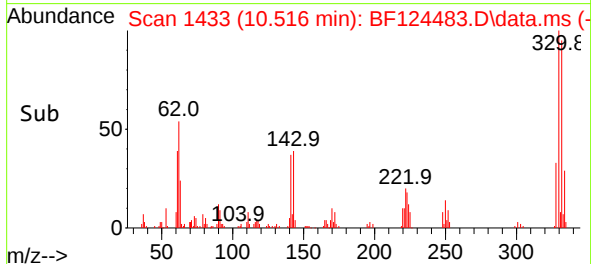
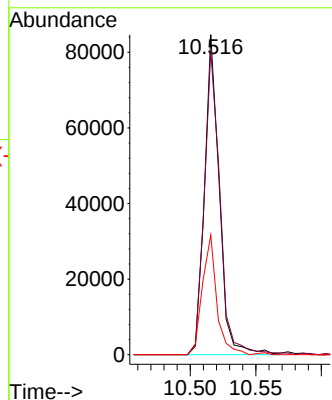
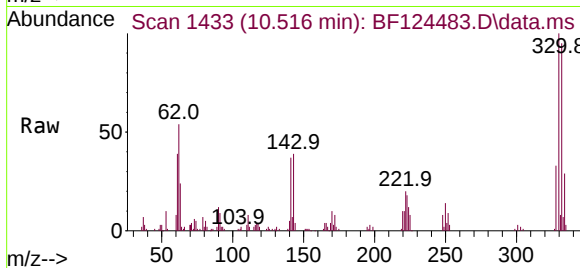




#42
2,4,6-Tribromophenol
Concen: 75.55 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

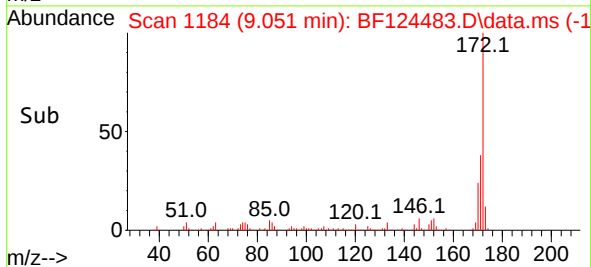
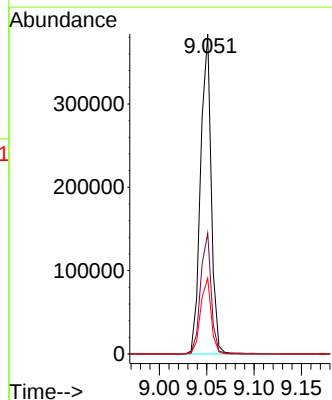
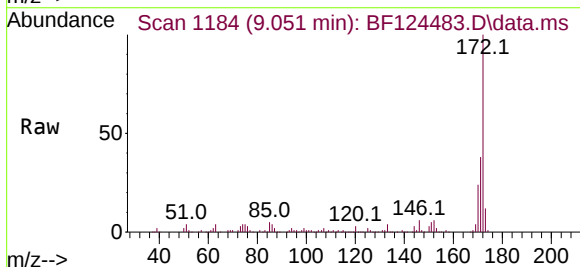
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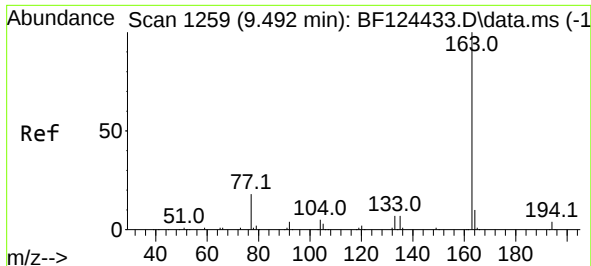
Tgt Ion: 330 Resp: 66702
Ion Ratio Lower Upper
330 100
332 100.4 77.1 115.7
141 36.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 49.89 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion: 172 Resp: 300975
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.6 19.2 28.8

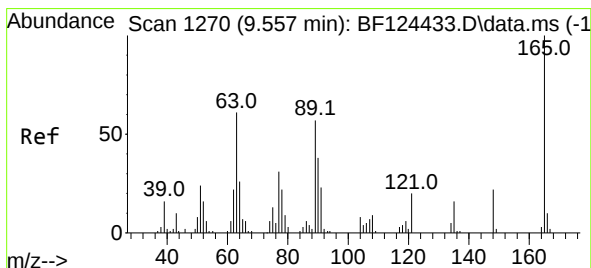
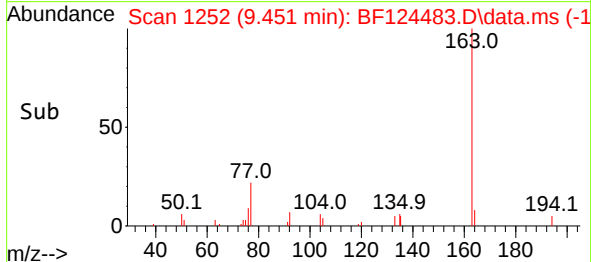
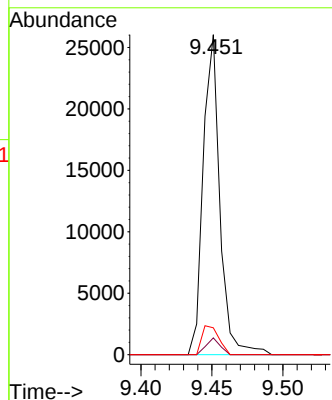
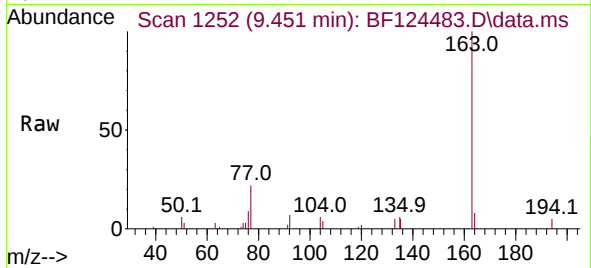




#50
Dimethylphthalate
Concen: 3.66 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.024 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

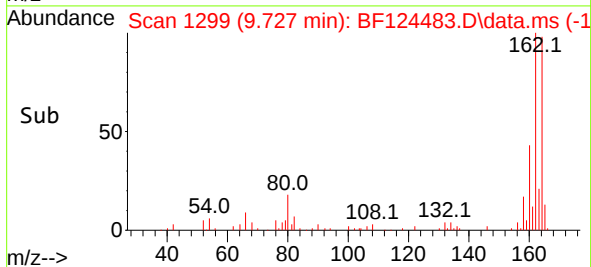
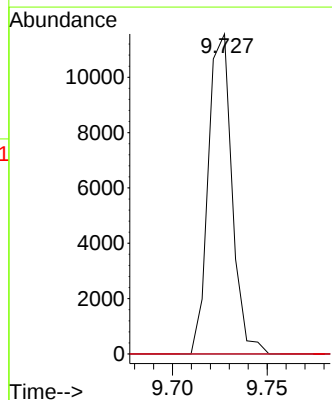
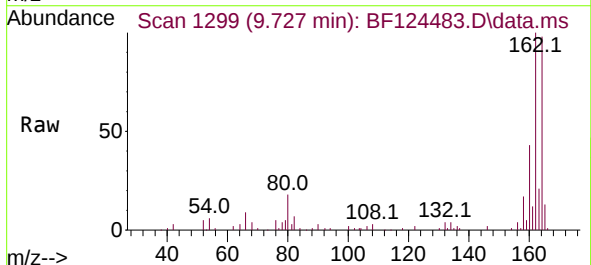
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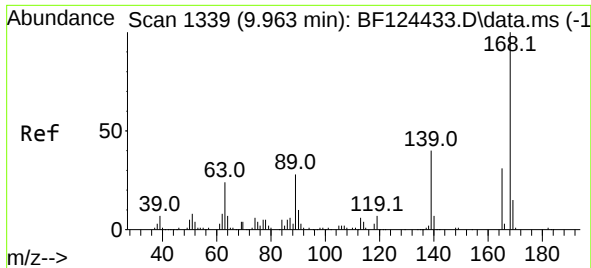
Tgt Ion:163 Resp: 21341
Ion Ratio Lower Upper
163 100
194 5.2 3.1 4.7#
164 8.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.188 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion:165 Resp: 10076
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

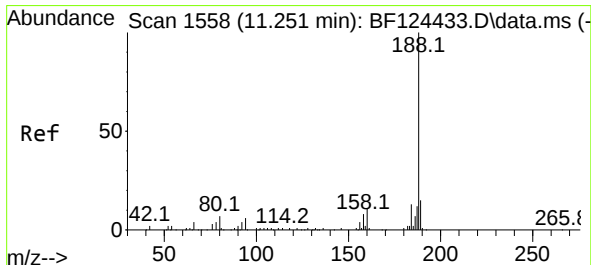
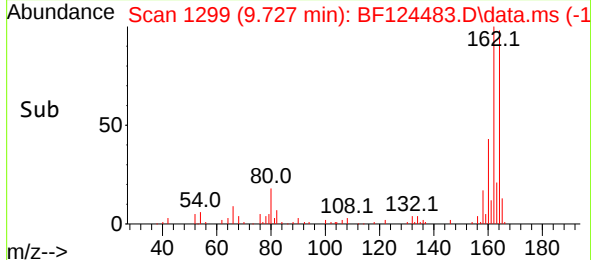
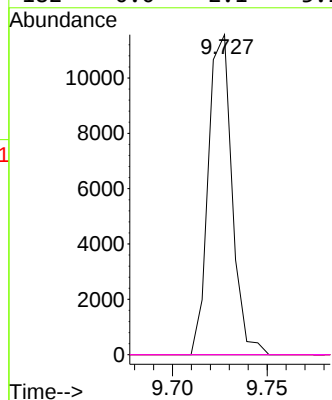
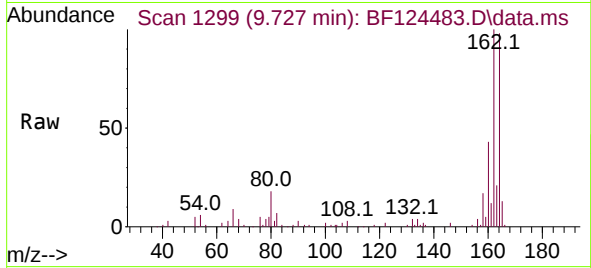




#57
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.218 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

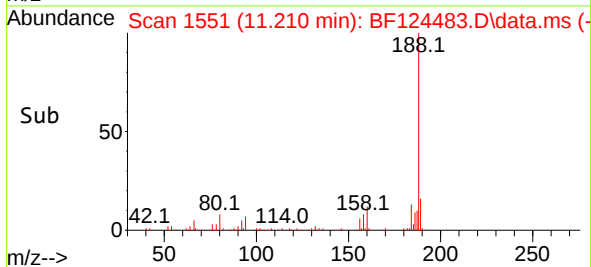
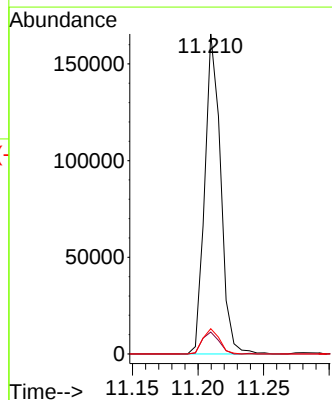
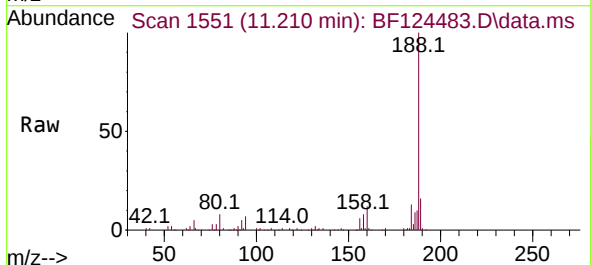
Instrument :
BNA_F
ClientSampleId :
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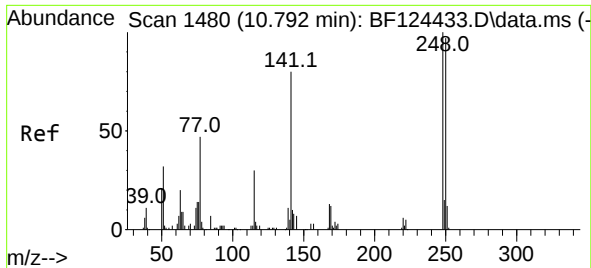
Tgt Ion:165	Resp:	10076
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion:188	Resp:	139972
Ion Ratio	Lower	Upper
188	100	
94	6.9	6.9 10.3#
80	7.9	8.2 12.2#

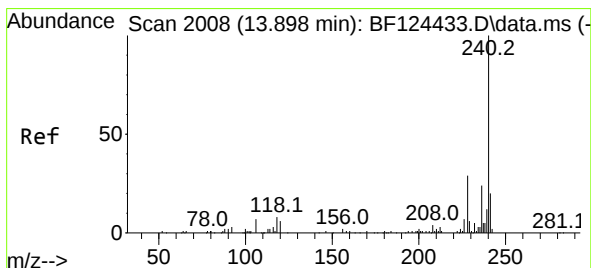
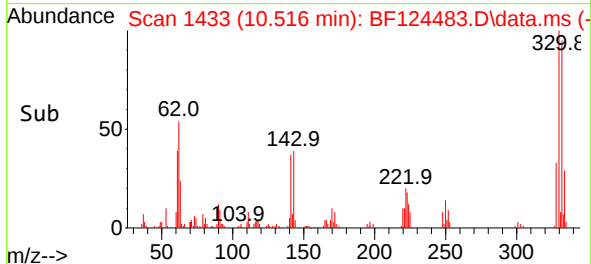
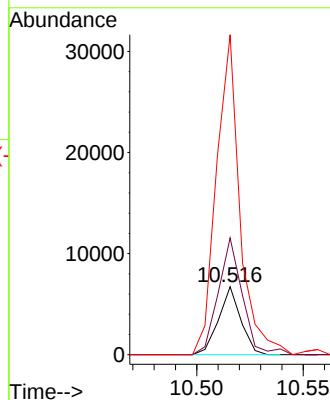
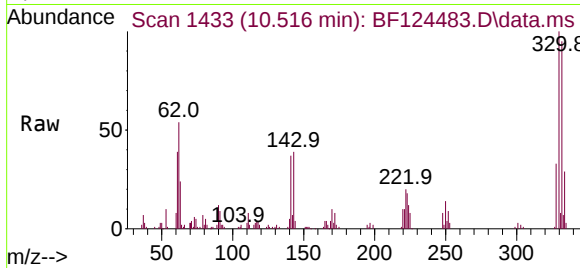




#67
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

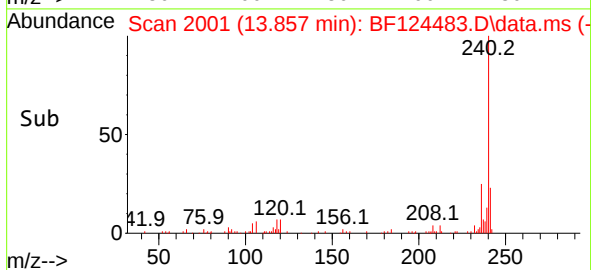
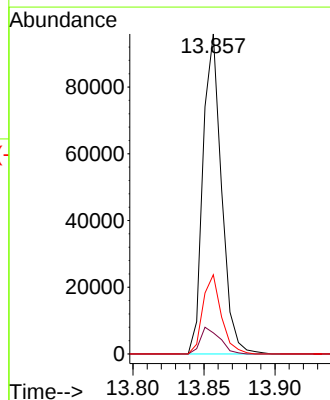
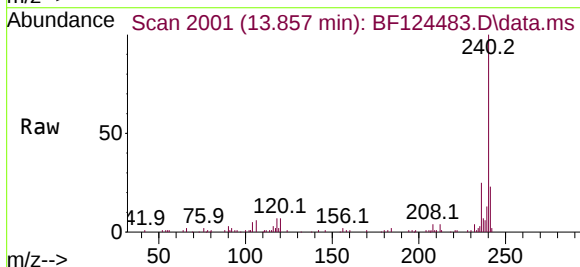
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

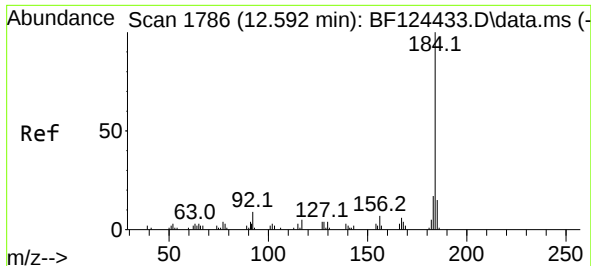
Tgt Ion:248 Resp: 4856
Ion Ratio Lower Upper
248 100
250 172.0 77.4 116.2#
141 470.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion:240 Resp: 87250
Ion Ratio Lower Upper
240 100
120 6.6 7.2 10.8#
236 24.8 19.0 28.4

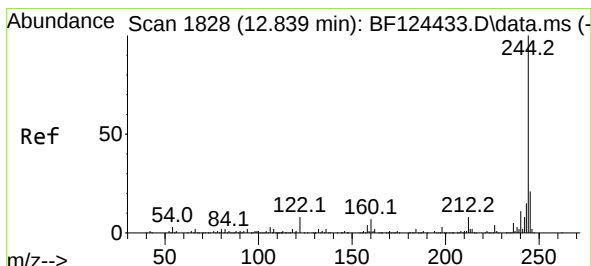
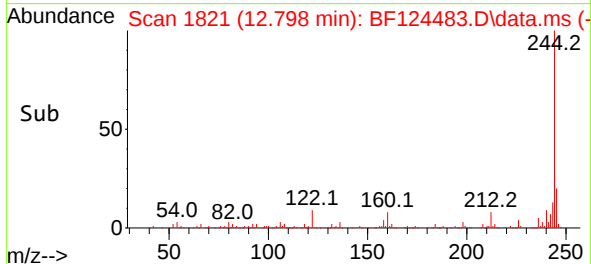
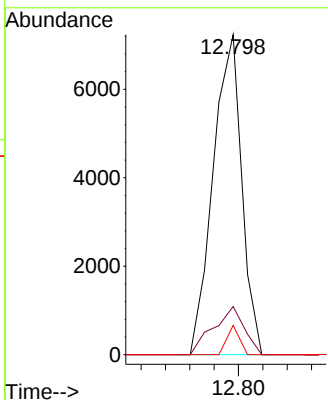
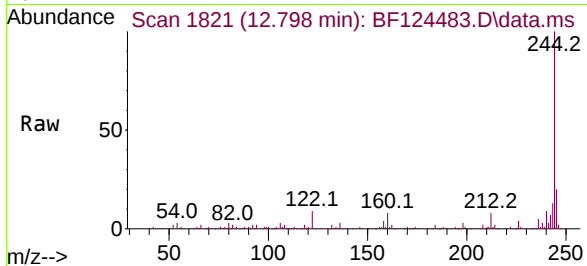




#77
Benzidine
Concen: 3.36 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

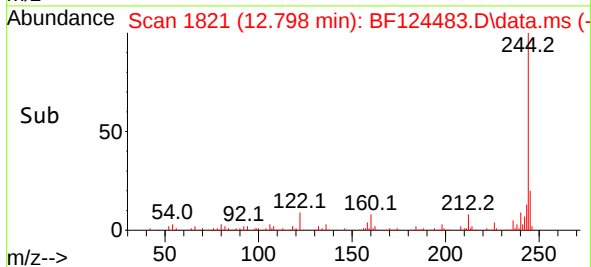
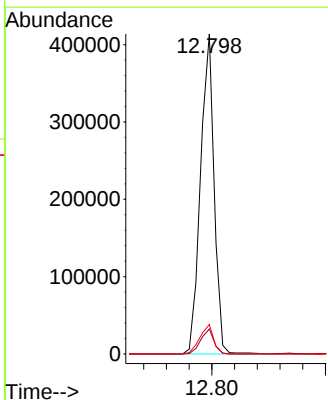
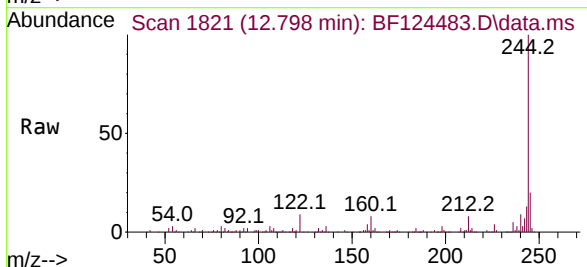
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

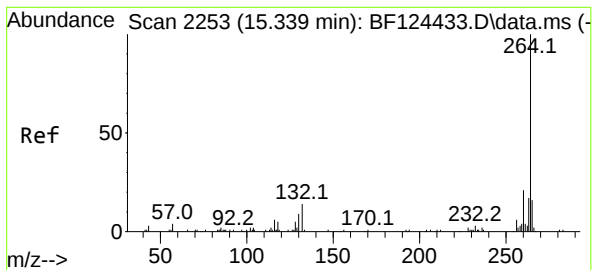
Tgt Ion:184 Resp: 5884
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 9.2 7.8 11.8



#79
Terphenyl-d14
Concen: 58.87 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF124483.D
Acq: 28 Jun 2021 23:11

Tgt Ion:244 Resp: 342942
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.2 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: BF124483.D
 Acq: 28 Jun 2021 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:264 Resp: 69032

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	18.7	17.8	26.8

