

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124481.D
 Acq On : 28 Jun 2021 22:03
 Operator : JU/CG
 Sample : M2856-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Jun 29 05:13:00 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)

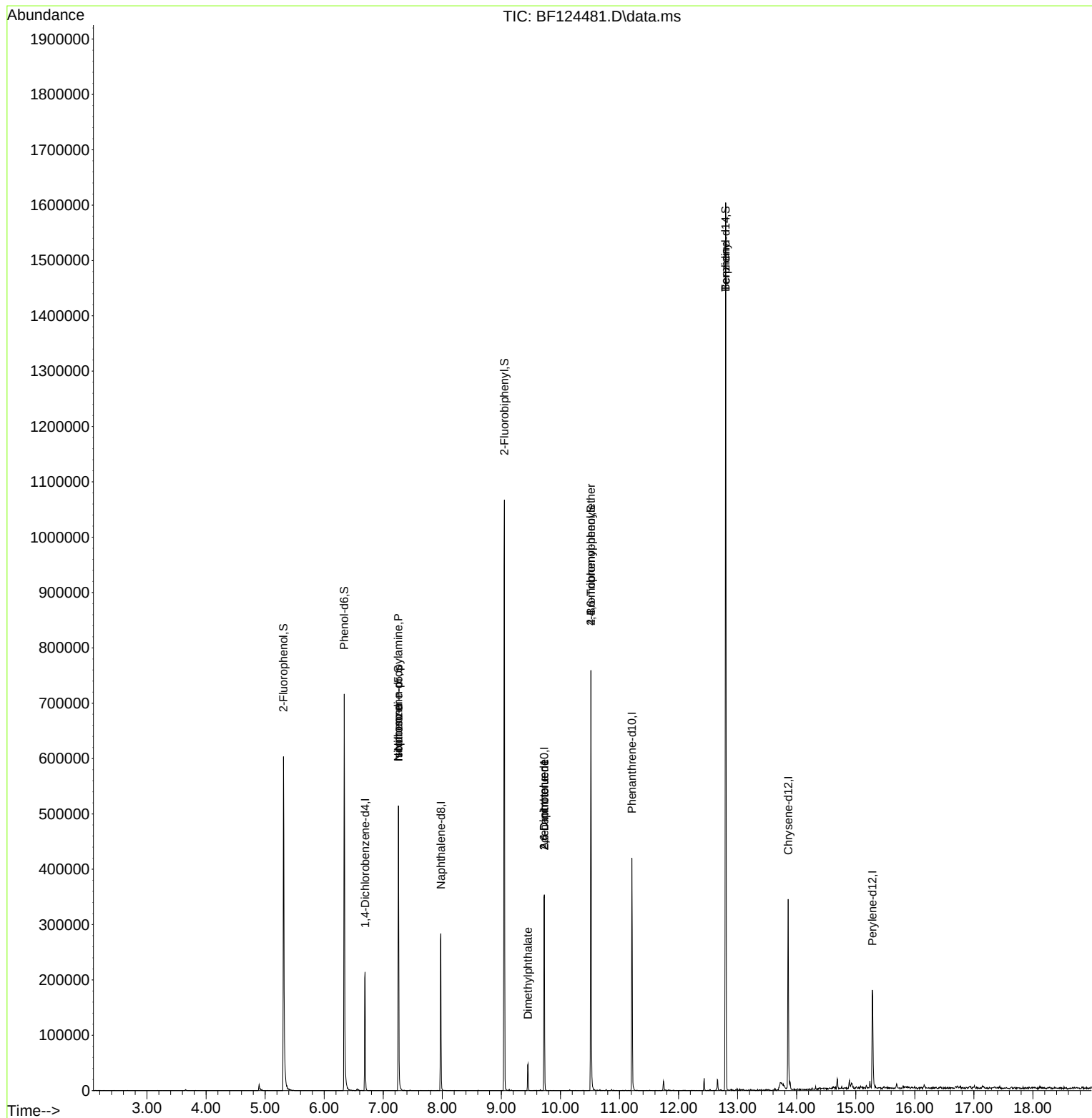
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	30989	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	123211	20.00	ng	#-0.01
39) Acenaphthene-d10	9.727	164	74574	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	141708	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	106879	20.00	ng	#-0.01
86) Perylene-d12	15.280	264	75458	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	154885	78.60	ng	-0.02
7) Phenol-d6	6.339	99	199739	77.63	ng	-0.02
23) Nitrobenzene-d5	7.257	82	148846	50.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	76783	86.18	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	308411	50.66	ng	-0.02
79) Terphenyl-d14	12.798	244	483481	67.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.257	70	21679	12.53	ng	# 64
25) Isophorone	7.257	82	148844	29.13	ng	# 69
50) Dimethylphthalate	9.451	163	20220	3.44	ng	# 94
51) 2,6-Dinitrotoluene	9.727	165	9857	7.26	ng	# 10
57) 2,4-Dinitrotoluene	9.727	165	9857	5.48	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	4611	2.42	ng	# 1
77) Benzidine	12.798	184	7750	3.62	ng	# 93

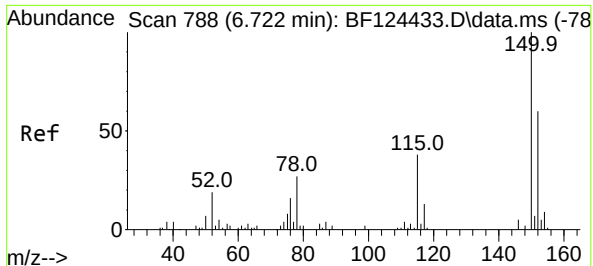
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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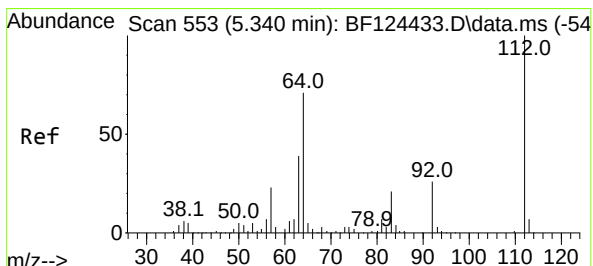
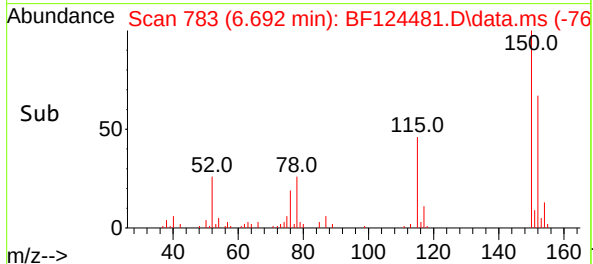
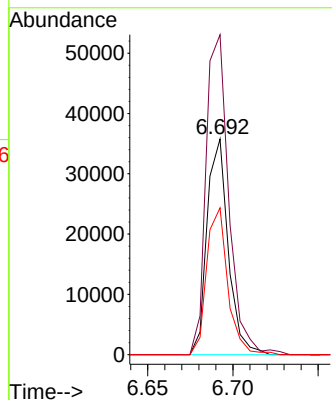
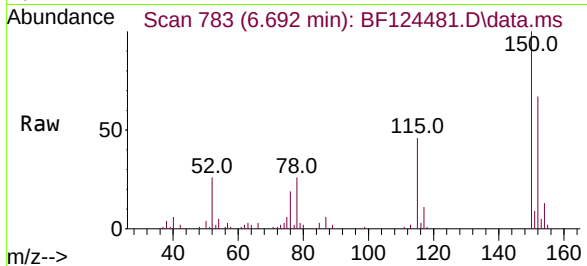




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

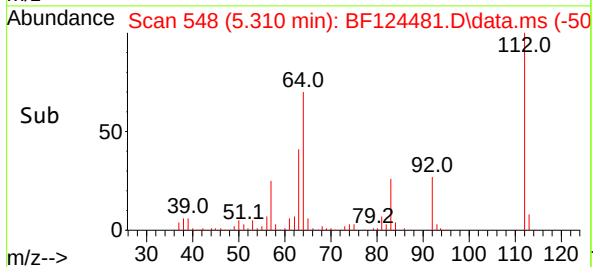
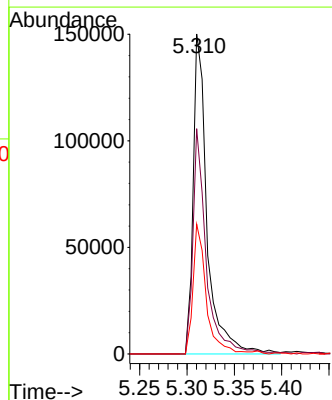
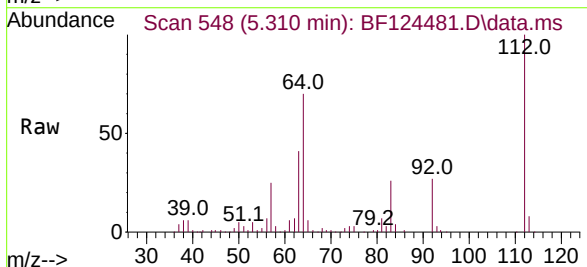
Instrument :
BNA_F
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SB-08-COMP

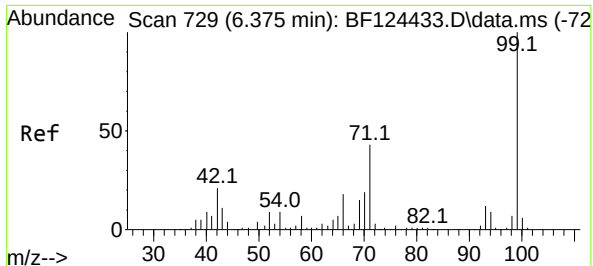
Tgt Ion:152 Resp: 30989
Ion Ratio Lower Upper
152 100
150 148.3 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 78.60 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion:112 Resp: 154885
Ion Ratio Lower Upper
112 100
64 70.4 61.4 92.0
63 40.5 33.0 49.4

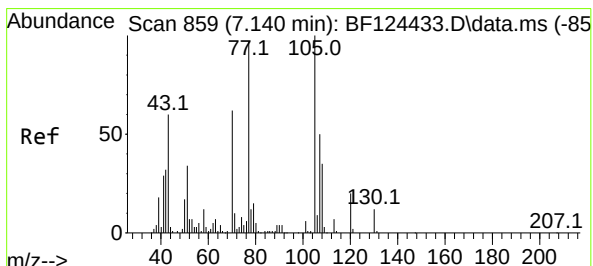
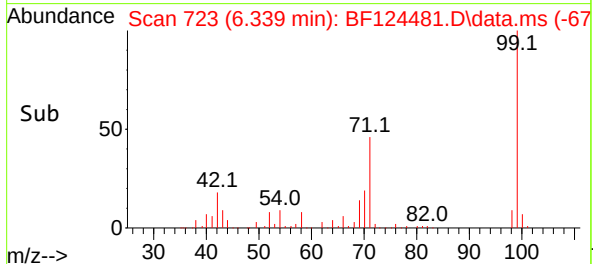
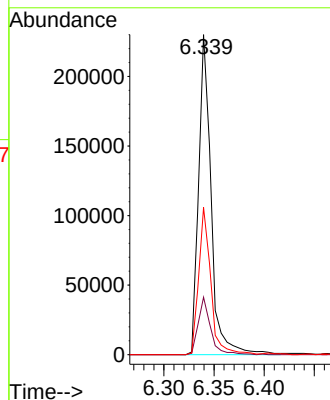
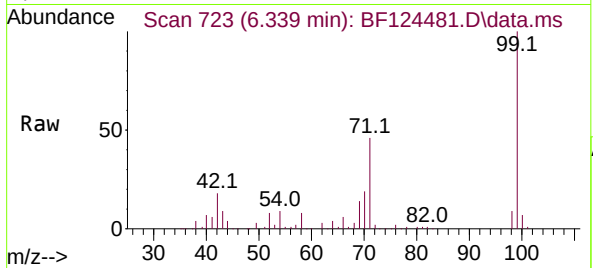




#7
Phenol-d6
Concen: 77.63 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.024 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

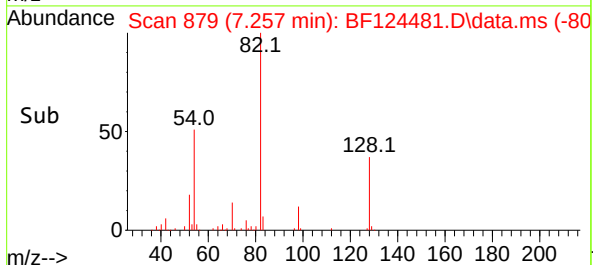
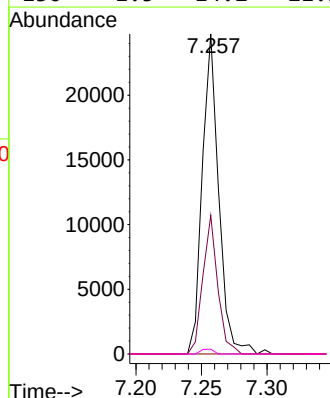
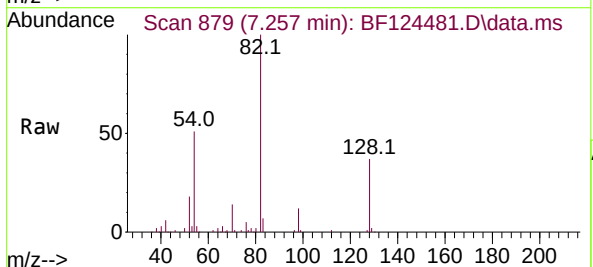
Instrument :
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ClientSampleId :
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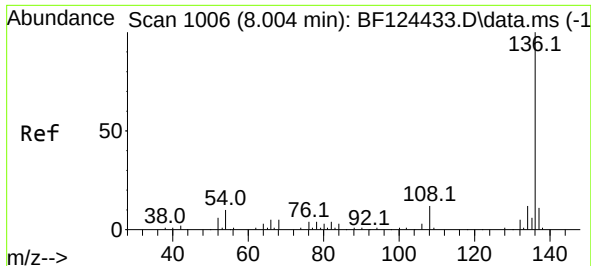
Tgt Ion: 99 Resp: 199739
Ion Ratio Lower Upper
99 100
42 18.0 19.8 29.8#
71 46.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion: 70 Resp: 21679
Ion Ratio Lower Upper
70 100
42 43.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

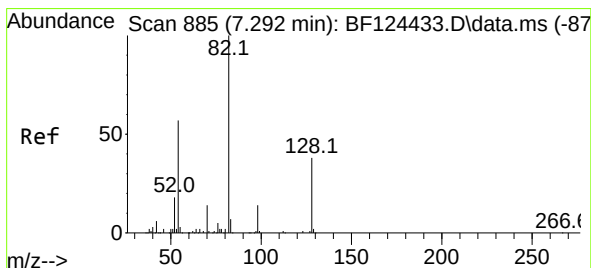
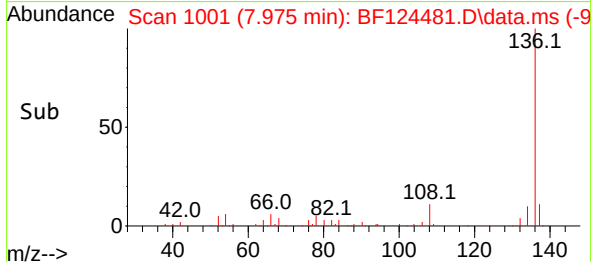
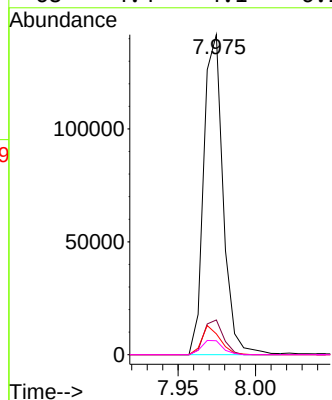
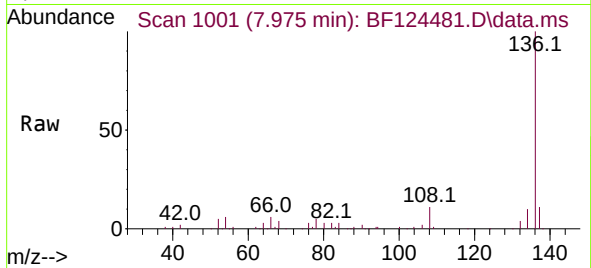




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

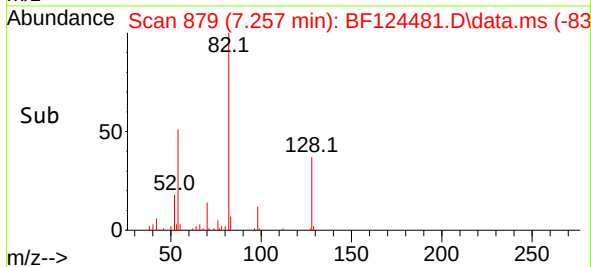
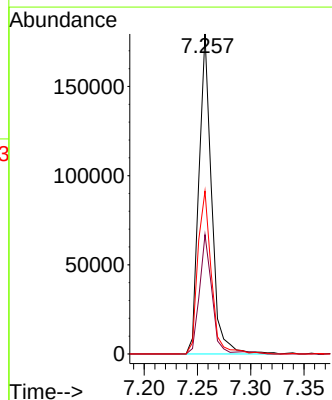
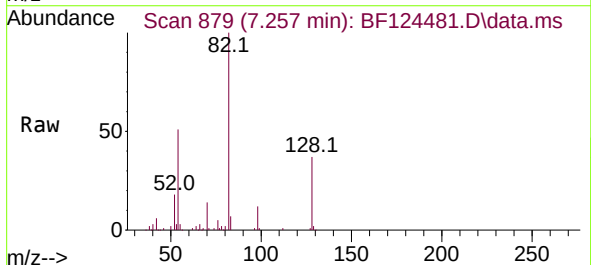
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

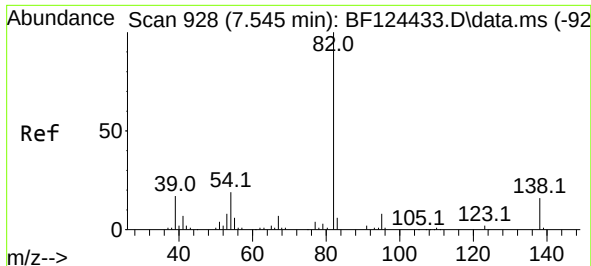
Tgt Ion:136	Resp: 123211
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 6.5	9.8 14.6#
68 4.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 50.09 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion: 82	Resp: 148846
Ion Ratio	Lower Upper
82 100	
128 37.3	29.4 44.2
54 50.9	54.1 81.1#

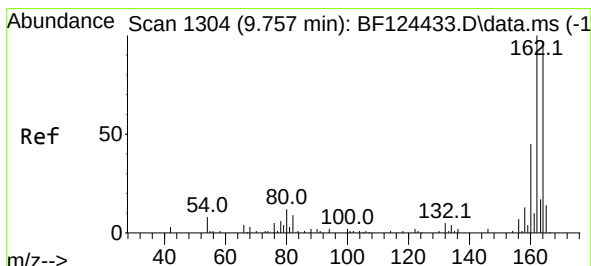
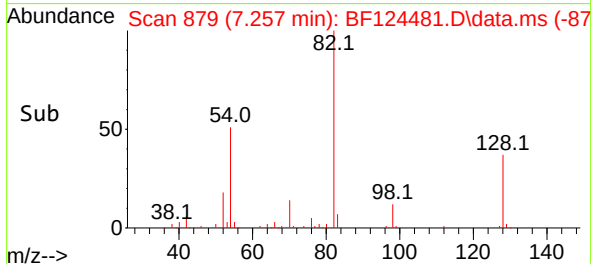
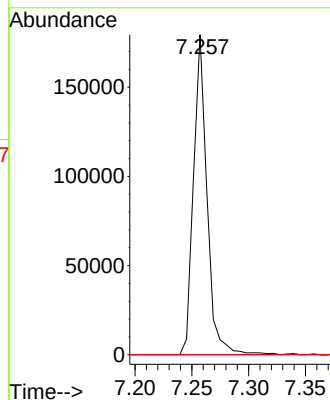
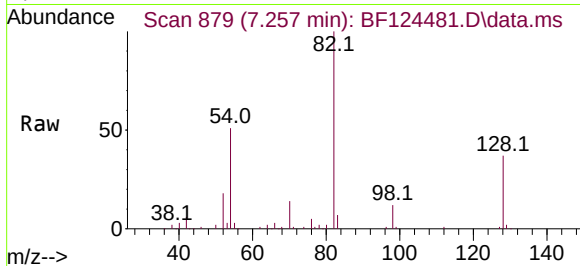




#25
Isophorone
Concen: 29.13 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.276 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

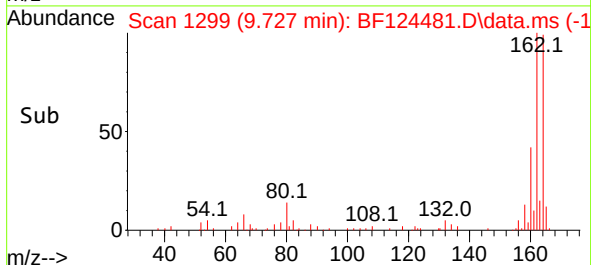
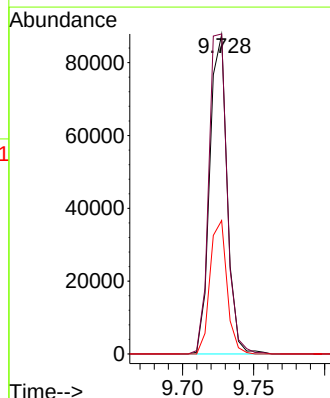
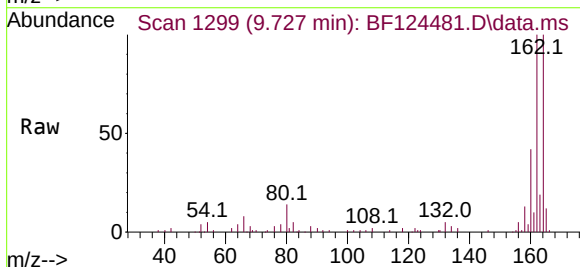
Instrument :
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ClientSampleId :
SB-08-COMP

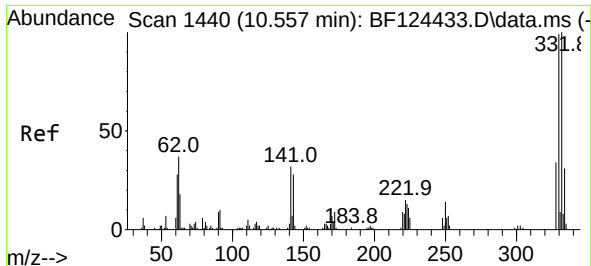
Tgt Ion: 82 Resp: 148844
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion: 164 Resp: 74574
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 41.8 37.3 55.9

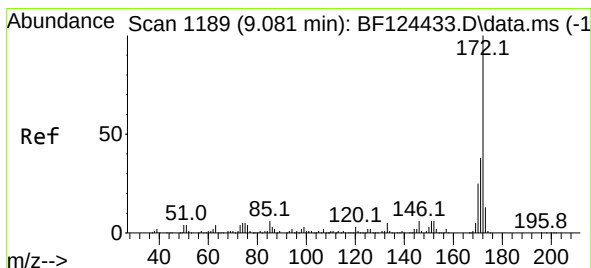
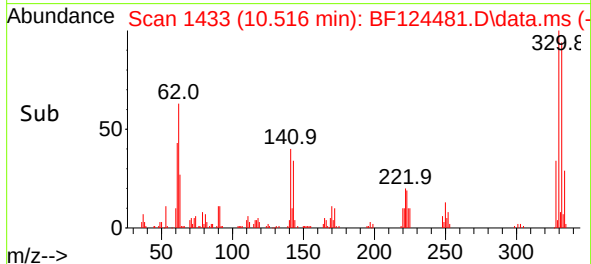
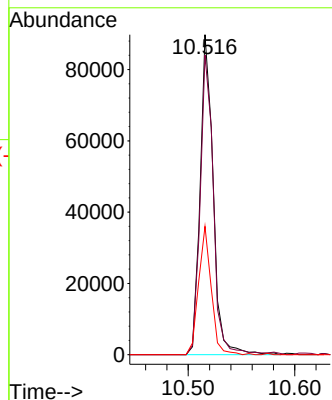
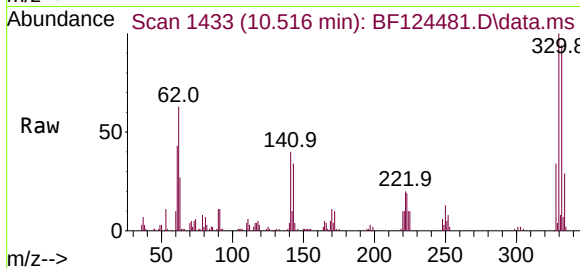




#42
2,4,6-Tribromophenol
Concen: 86.18 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

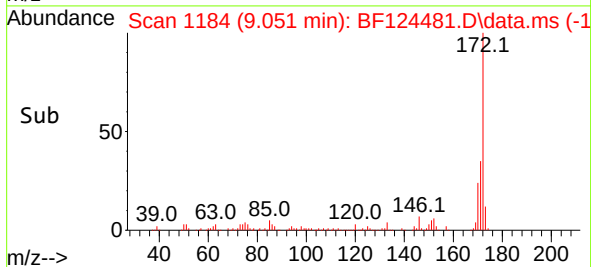
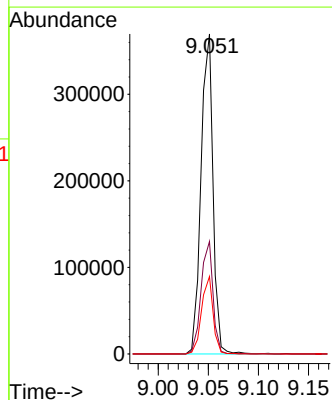
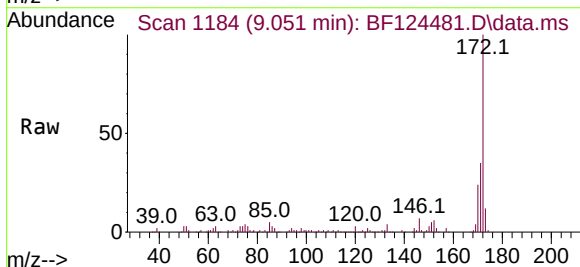
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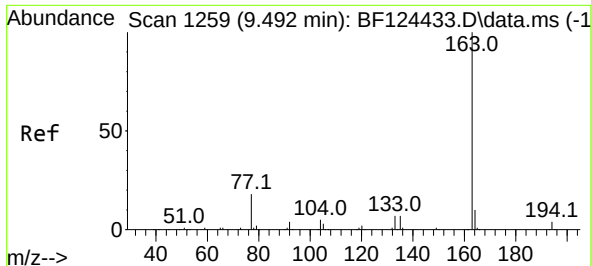
Tgt Ion: 330 Resp: 76783
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 38.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 50.66 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion: 172 Resp: 308411
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 24.2 19.2 28.8

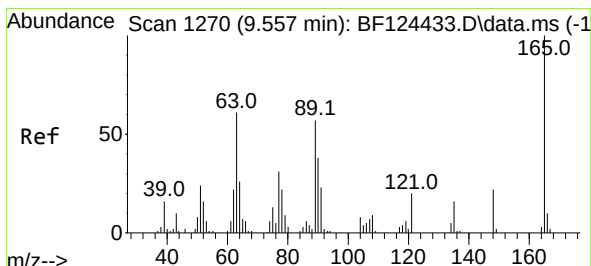
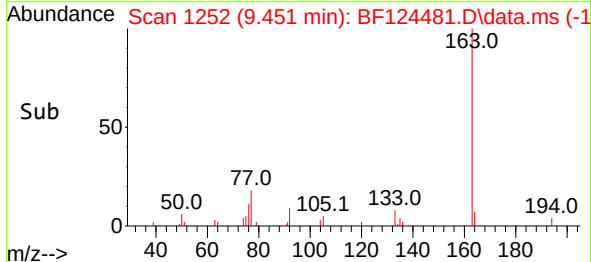
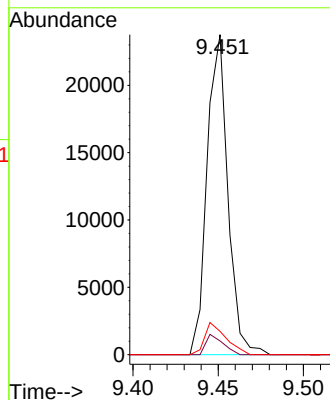
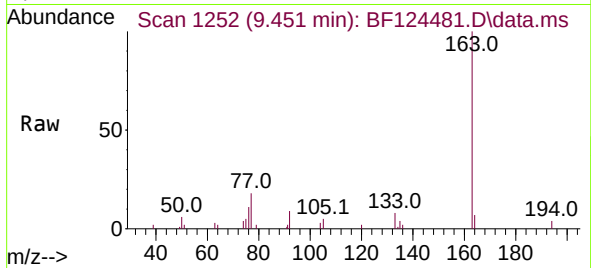




#50
Dimethylphthalate
Concen: 3.44 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.024 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

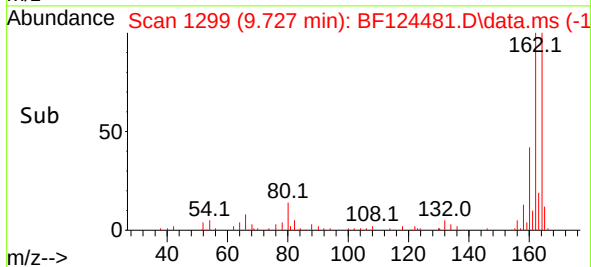
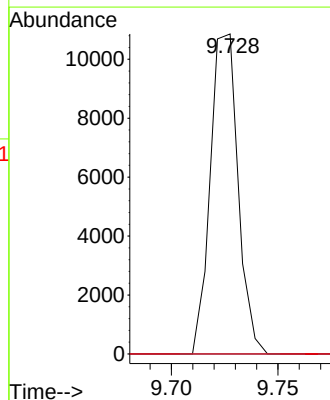
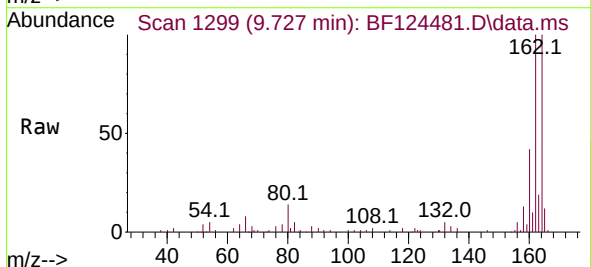
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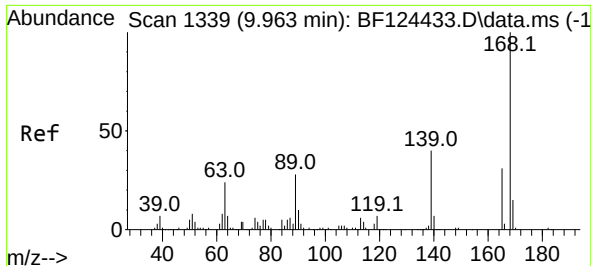
Tgt Ion:163 Resp: 20220
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 7.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.26 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.188 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion:165 Resp: 9857
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

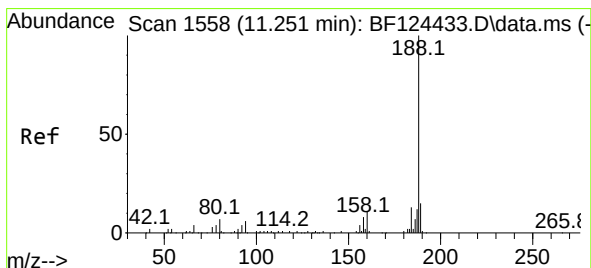
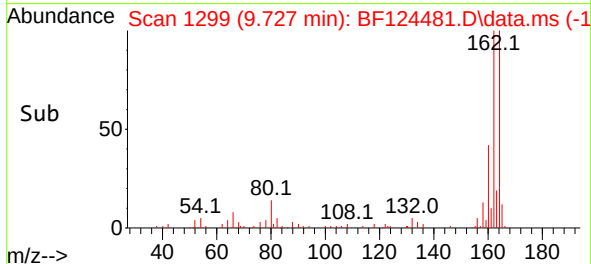
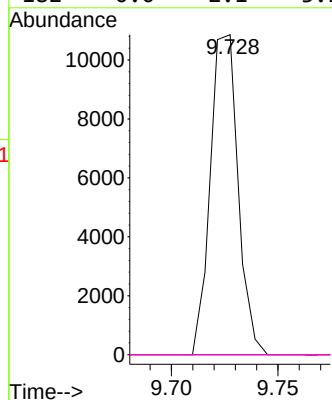
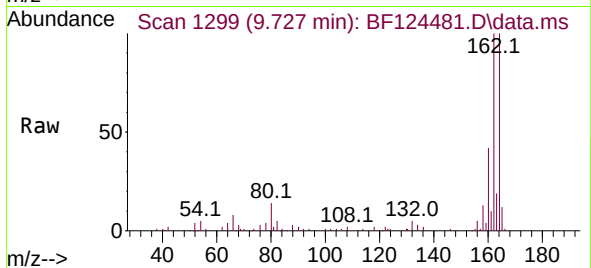




#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.218 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

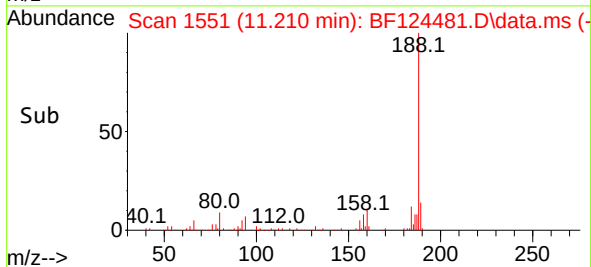
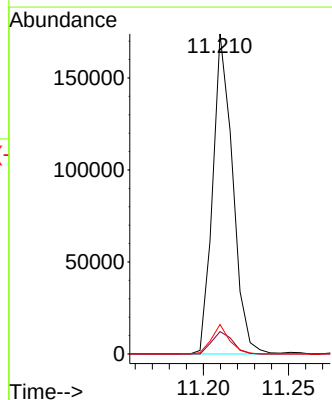
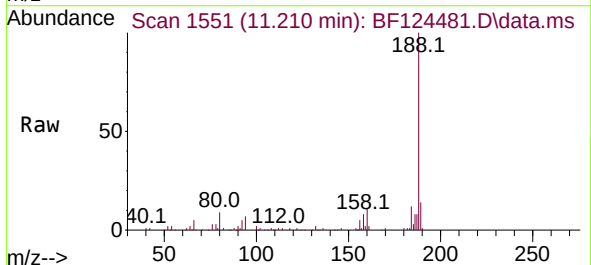
Instrument :
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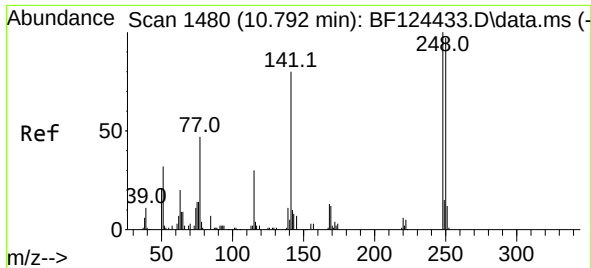
Tgt Ion:165 Resp: 9857
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion:188 Resp: 141708
Ion Ratio Lower Upper
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94 7.0 6.9 10.3
80 9.2 8.2 12.2

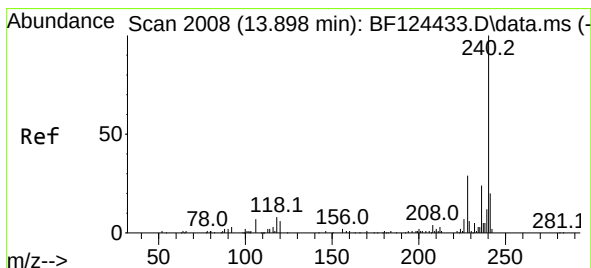
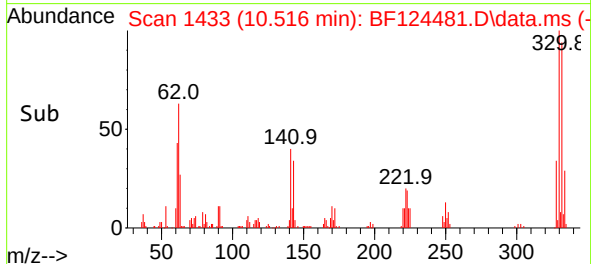
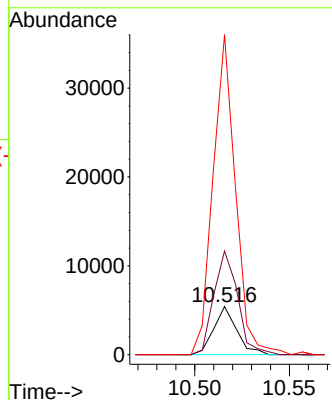
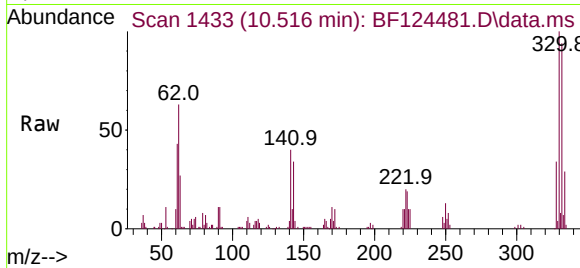




#67
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

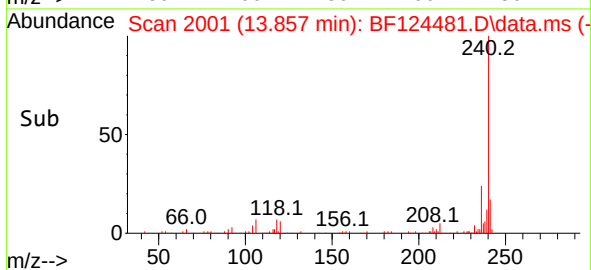
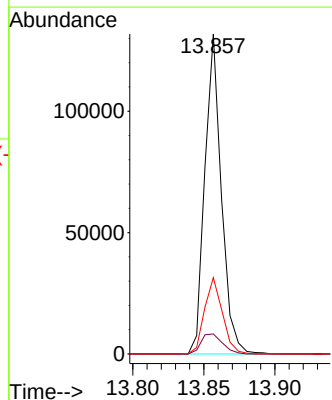
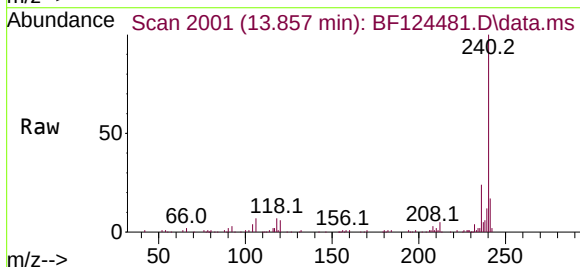
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

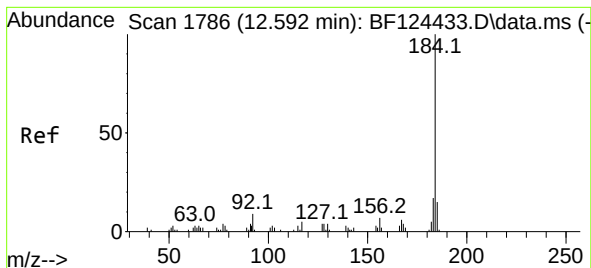
Tgt Ion:248 Resp: 4611
Ion Ratio Lower Upper
248 100
250 215.5 77.4 116.2#
141 664.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124481.D
Acq: 28 Jun 2021 22:03

Tgt Ion:240 Resp: 106879
Ion Ratio Lower Upper
240 100
120 6.2 7.2 10.8#
236 23.9 19.0 28.4





#77

Benzidine

Concen: 3.62 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.235 min

Lab File: BF124481.D

Acq: 28 Jun 2021 22:03

Tgt Ion:184 Resp: 7750

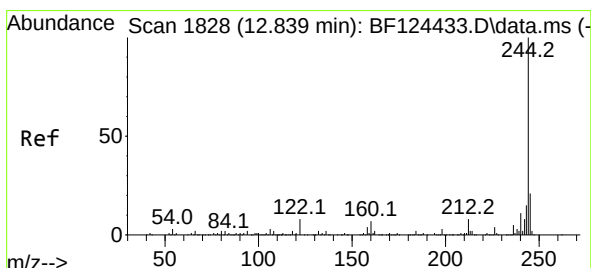
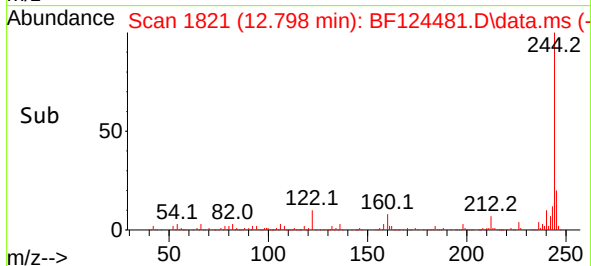
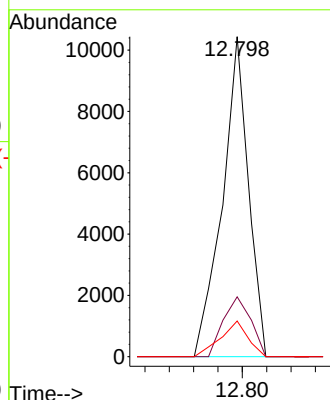
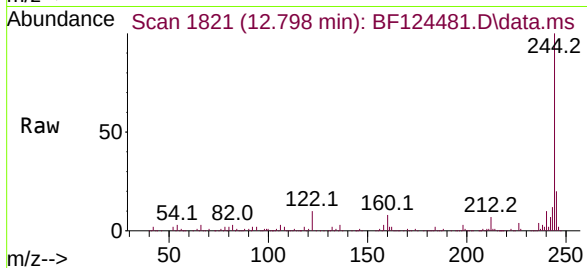
Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.1	18.1#
183	11.2	7.8	11.8

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP



#79

Terphenyl-d14

Concen: 67.75 ng

RT: 12.798 min Scan# 1821

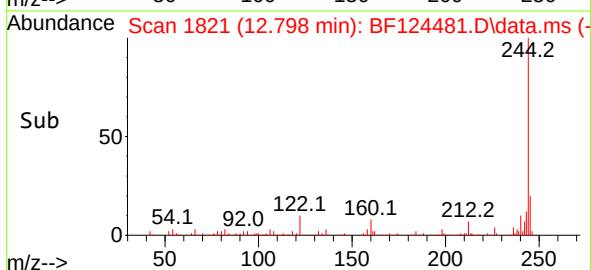
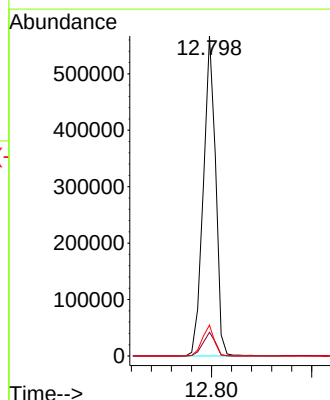
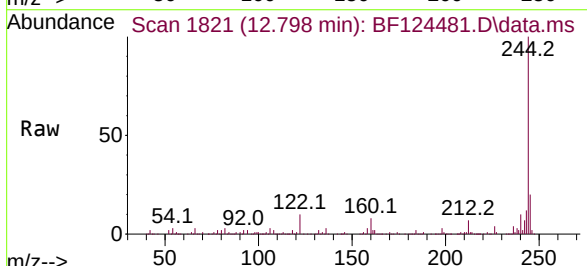
Delta R.T. -0.012 min

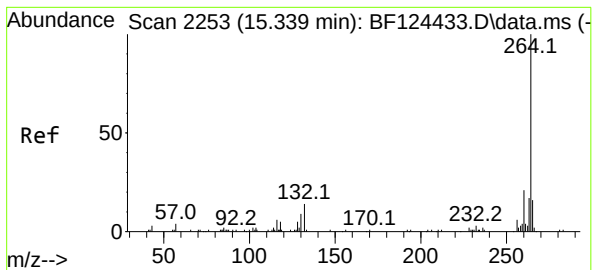
Lab File: BF124481.D

Acq: 28 Jun 2021 22:03

Tgt Ion:244 Resp: 483481

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.6	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: BF124481.D
 Acq: 28 Jun 2021 22:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion:264	Resp:	75458
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.7 28.1
265	22.7	17.8 26.8

