

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062421\
 Data File : BF124442.D
 Acq On : 24 Jun 2021 14:37
 Operator : JU/CG
 Sample : PB137280BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137280BL

Quant Time: Jun 24 15:26:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 18:48:27 2021
 Response via : Initial Calibration

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

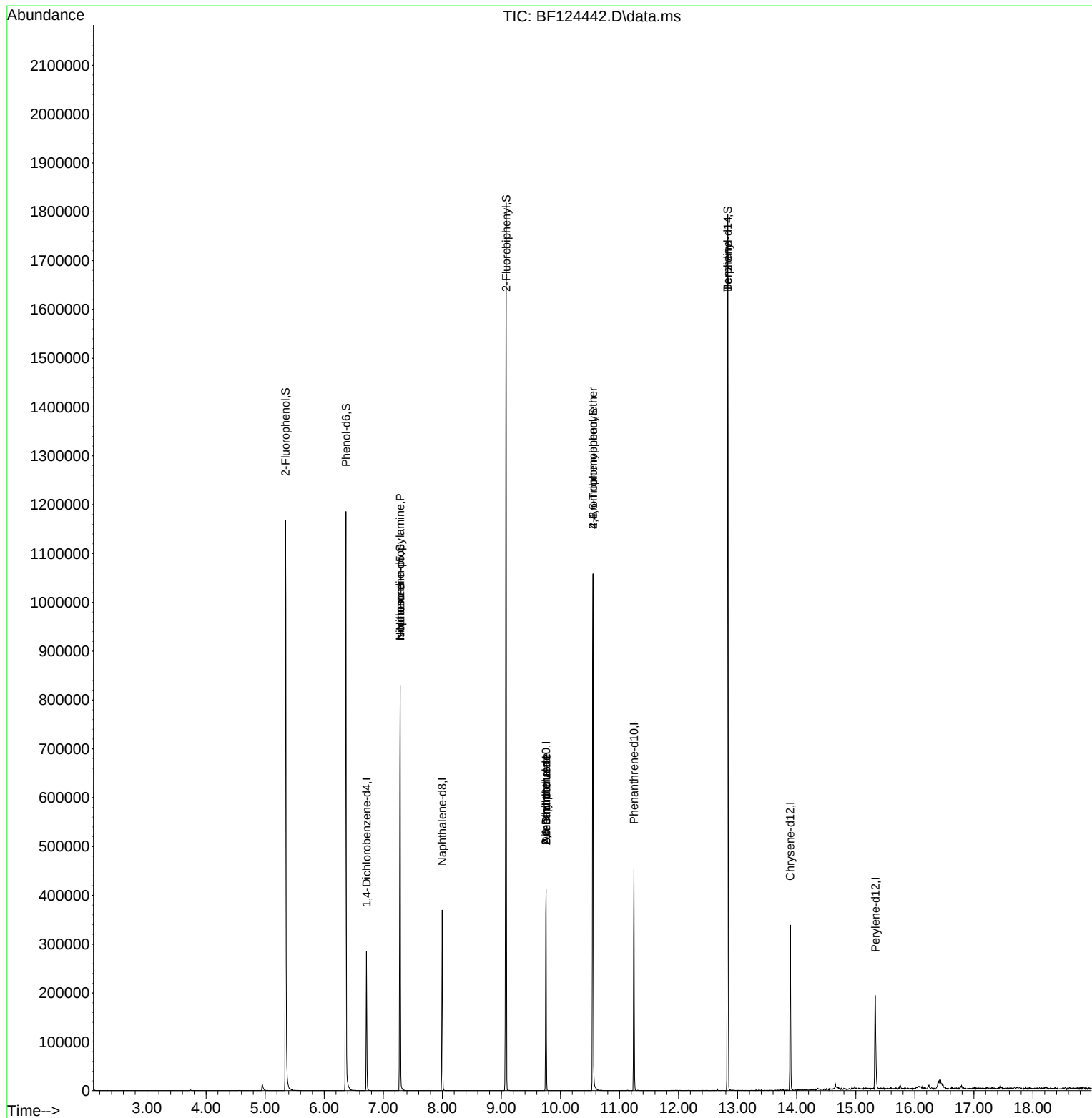
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	37077	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	139906	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	79082	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	145687	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	106770	20.000	ng	0.00
86) Perylene-d12	15.333	264	86845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	281038	119.207	ng	0.00
7) Phenol-d6	6.369	99	335143	108.875	ng	0.00
23) Nitrobenzene-d5	7.286	82	252186	74.738	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	112991	119.590	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	511171	79.181	ng	0.00
79) Terphenyl-d14	12.833	244	570931	80.091	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.286	70	35967	17.374	ng	# 61
25) Isophorone	7.286	82	252186	43.471	ng	# 69
50) Dimethylphthalate	9.757	163	15067	2.417	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	11046	7.669	ng	# 12
57) 2,4-Dinitrotoluene	9.757	165	11046	5.786	ng	# 18
67) 4-Bromophenyl-phenylether	10.551	248	8011	4.087	ng	# 1
77) Benzidine	12.833	184	8930	4.173	ng	96

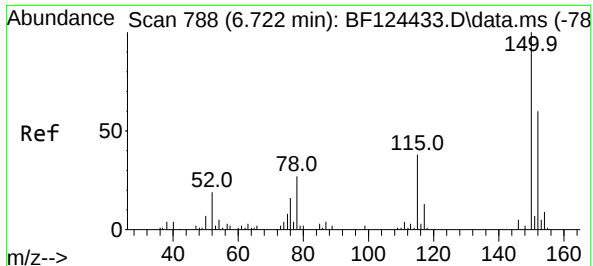
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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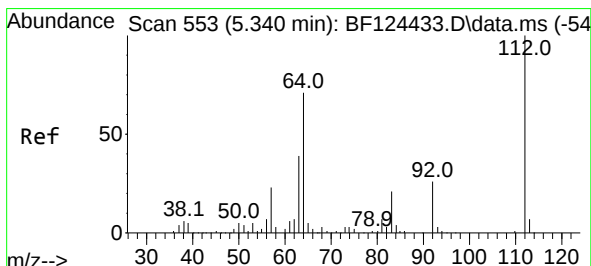
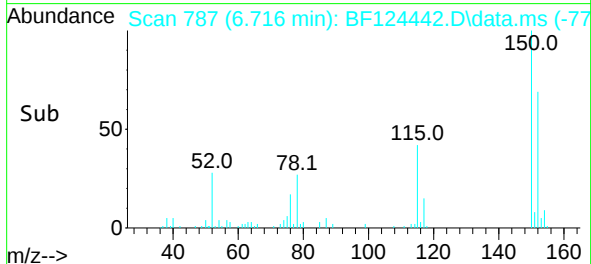
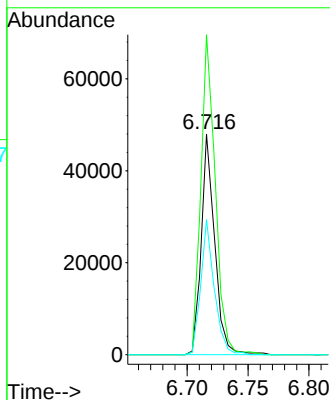
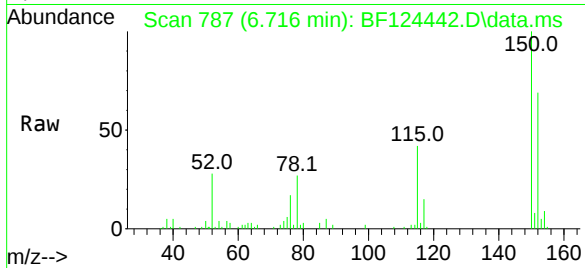




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

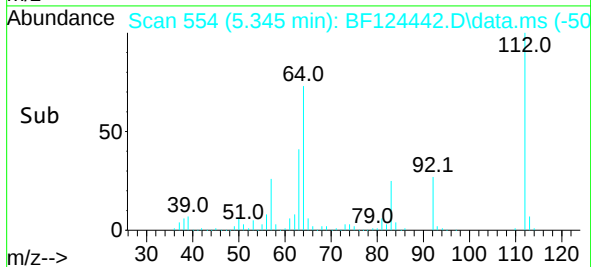
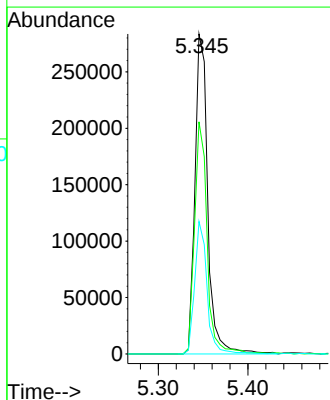
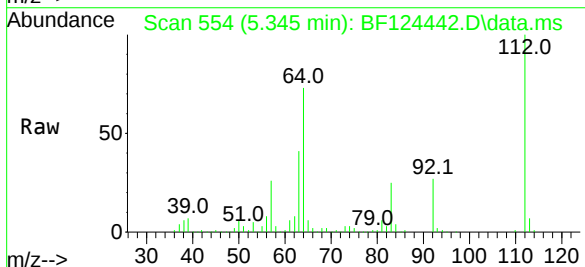
Instrument :
BNA_F
ClientSampleId :
PB137280BL

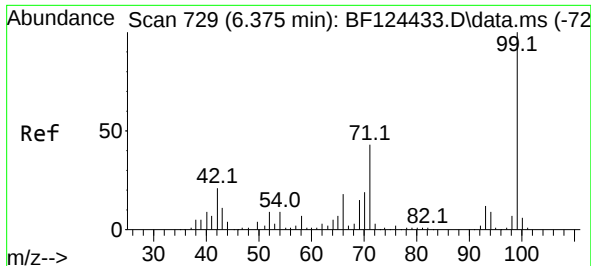
Tgt Ion:152 Resp: 37077
Ion Ratio Lower Upper
152 100
150 145.0 127.0 190.6
115 61.2 54.3 81.5



#5
2-Fluorophenol
Concen: 119.207 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Tgt Ion:112 Resp: 281038
Ion Ratio Lower Upper
112 100
64 72.6 61.4 92.0
63 41.4 33.0 49.4

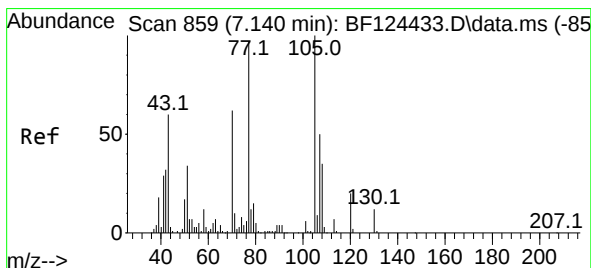
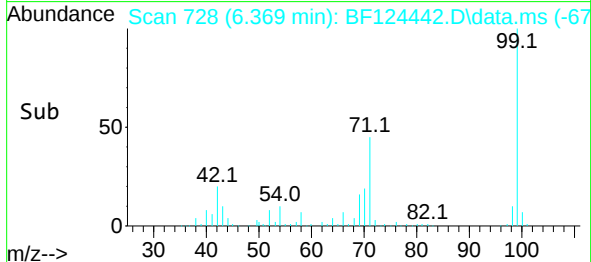
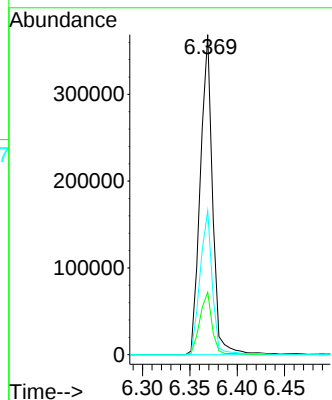
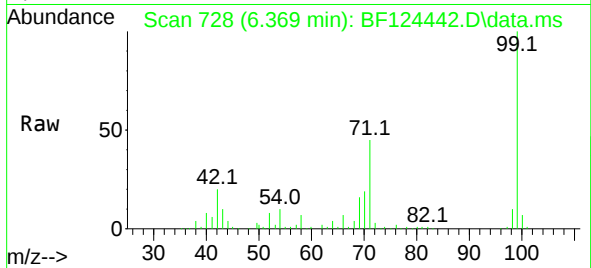




#7
Phenol-d6
Concen: 108.875 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

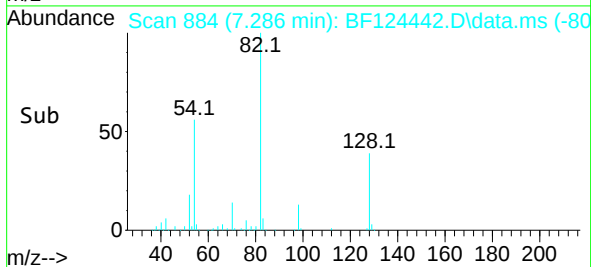
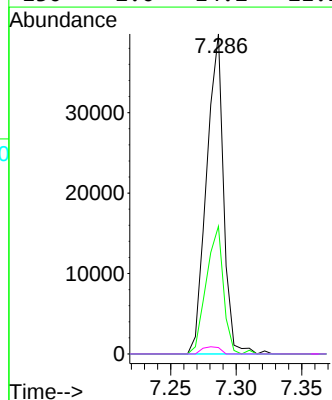
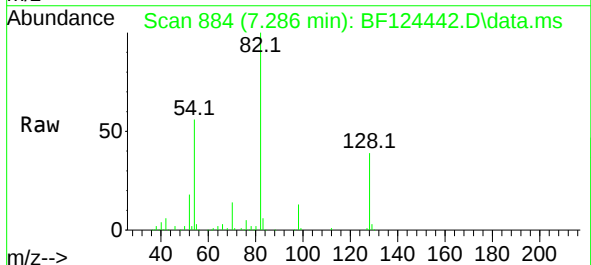
Instrument :
BNA_F
ClientSampleId :
PB137280BL

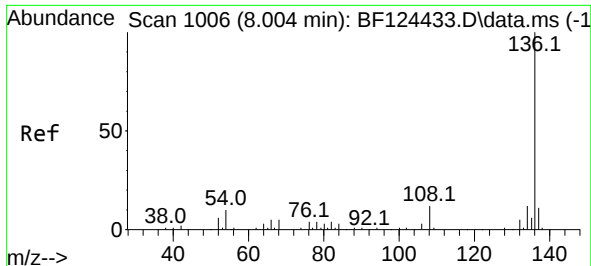
Tgt Ion: 99 Resp: 335143
Ion Ratio Lower Upper
99 100
42 19.6 19.8 29.8#
71 44.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.374 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

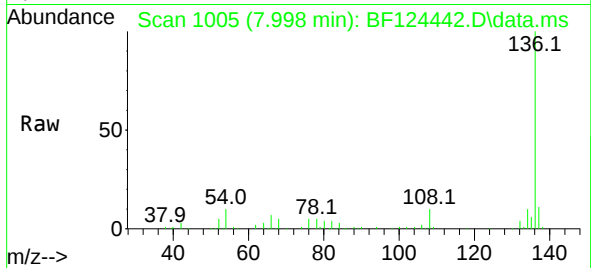
Tgt Ion: 70 Resp: 35967
Ion Ratio Lower Upper
70 100
42 39.9 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



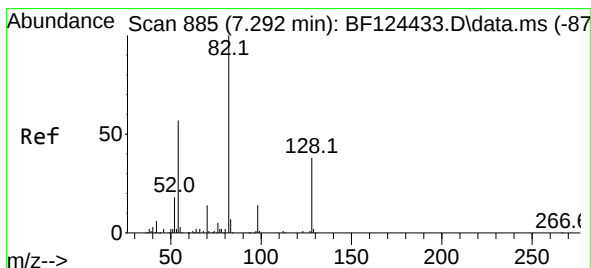
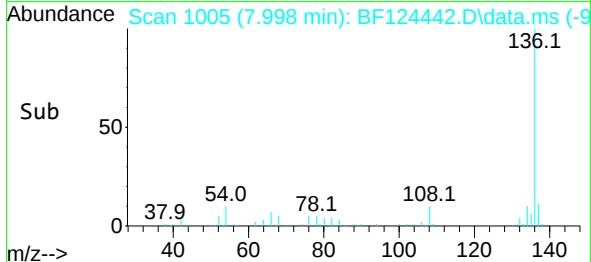
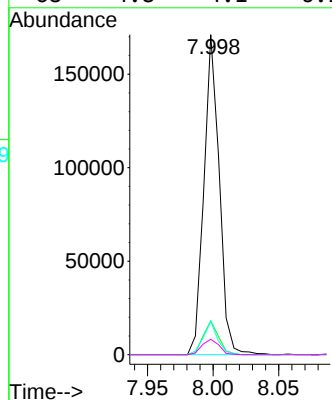


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Instrument :
BNA_F
ClientSampleId :
PB137280BL

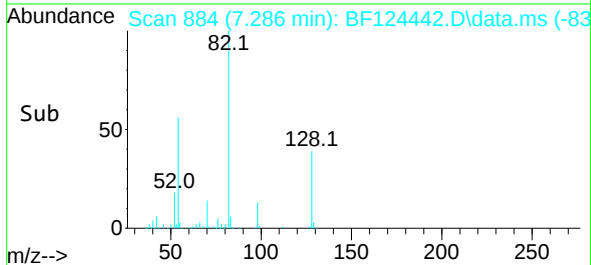
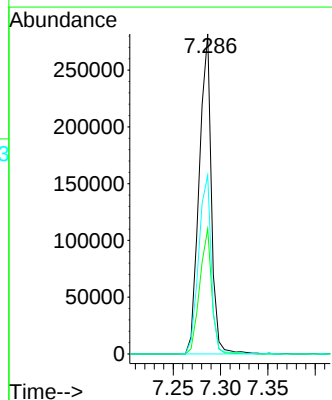
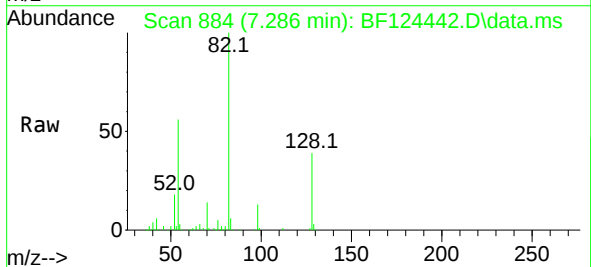


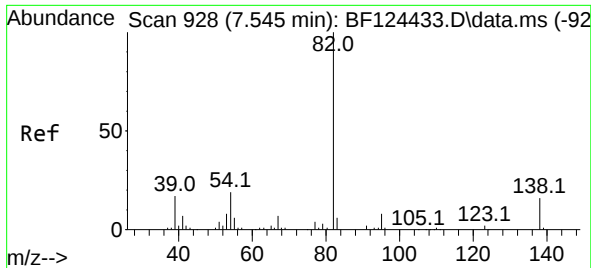
Tgt Ion:136 Resp: 139906
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.4 9.8 14.6
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.738 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Tgt Ion: 82 Resp: 252186
Ion Ratio Lower Upper
82 100
128 39.1 29.4 44.2
54 55.9 54.1 81.1

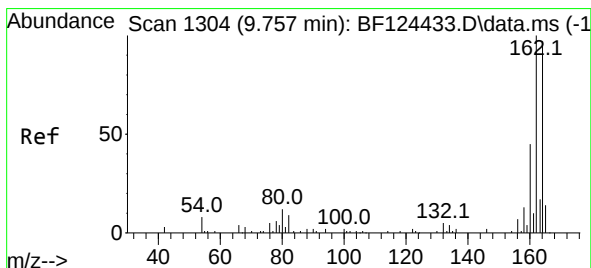
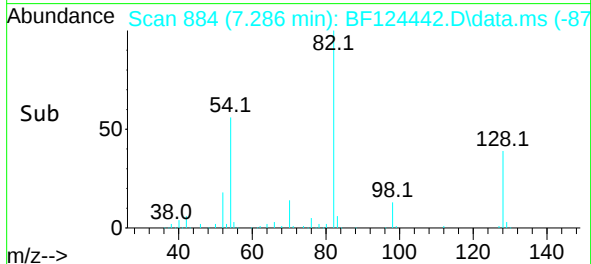
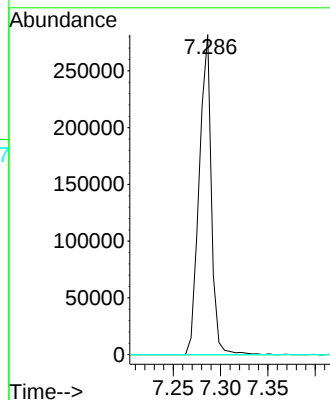
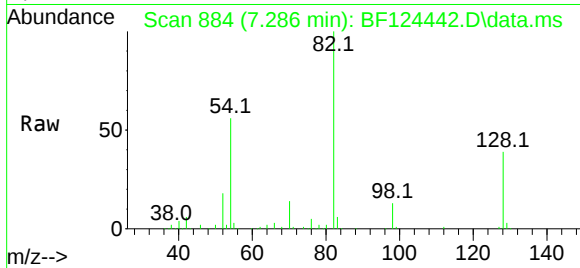




#25
Isophorone
Concen: 43.471 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

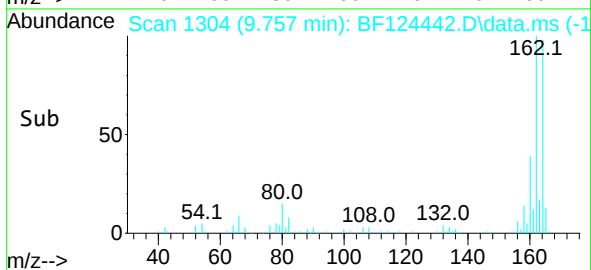
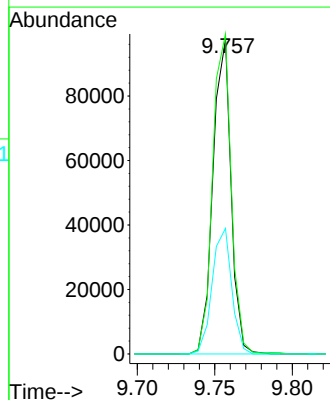
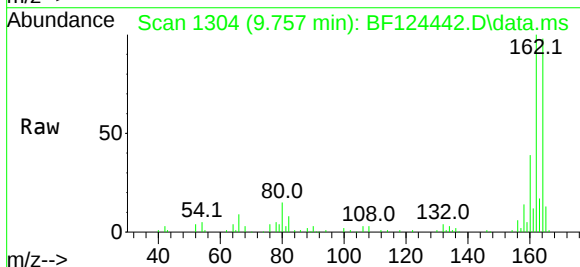
Instrument :
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ClientSampleId :
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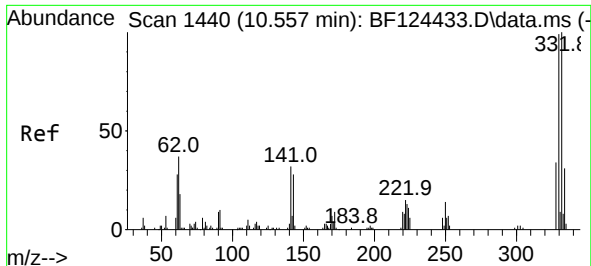
Tgt Ion: 82 Resp: 252186
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Tgt Ion: 164 Resp: 79082
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 39.9 37.3 55.9

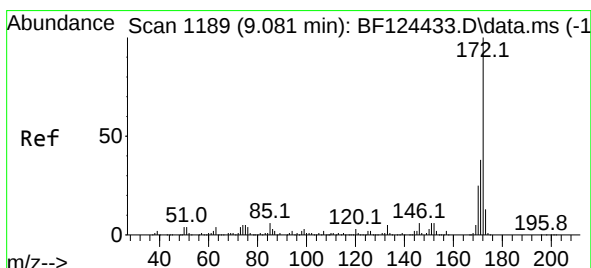
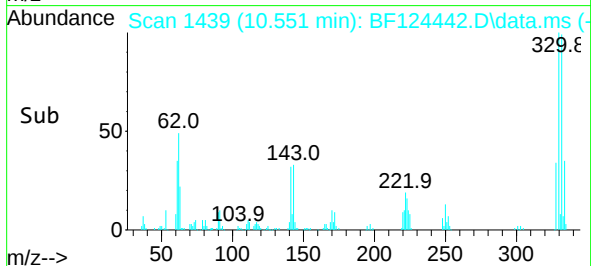
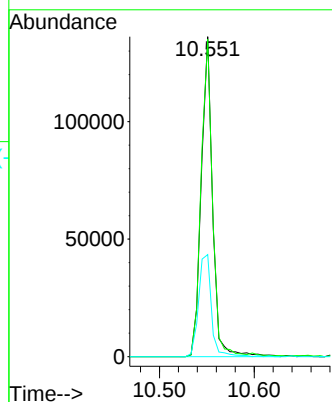
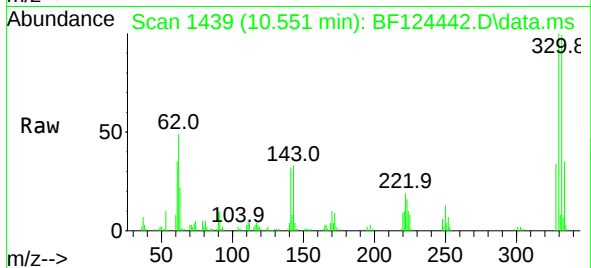




#42
2,4,6-Tribromophenol
Concen: 119.590 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

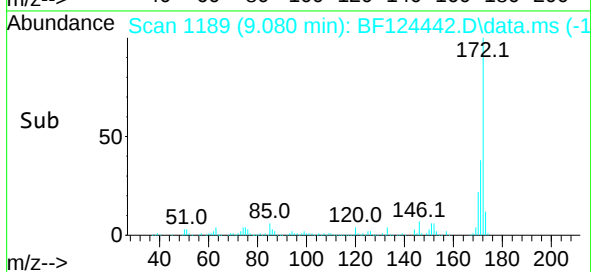
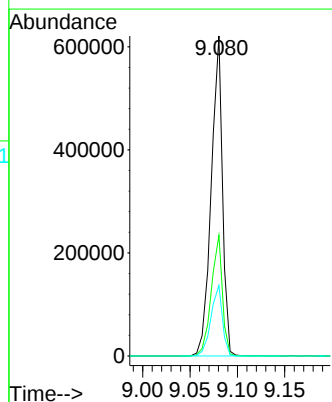
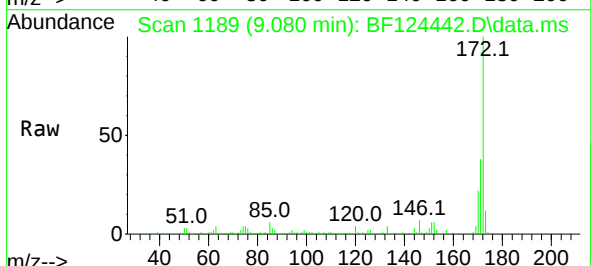
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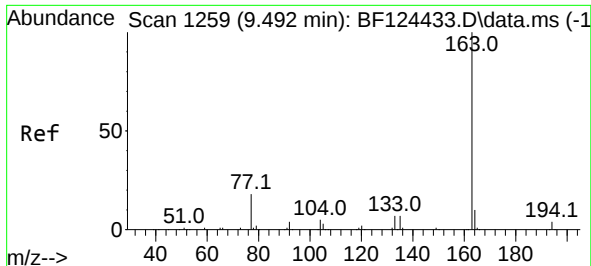
Tgt Ion: 330 Resp: 112991
Ion Ratio Lower Upper
330 100
332 99.5 77.1 115.7
141 36.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 79.181 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Tgt Ion: 172 Resp: 511171
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 22.1 19.2 28.8

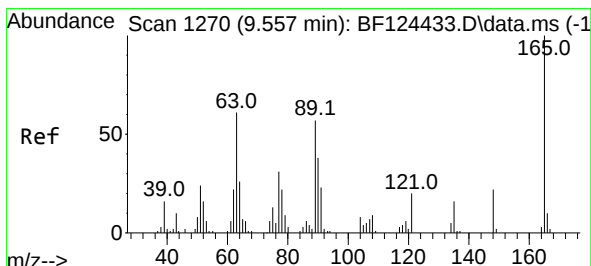
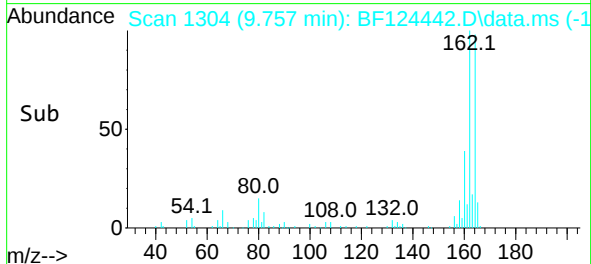
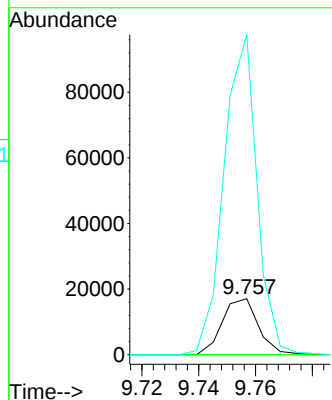
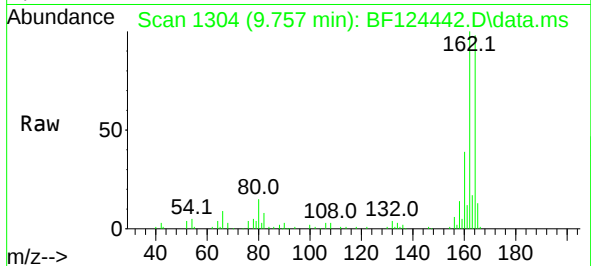




#50
Dimethylphthalate
Concen: 2.417 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

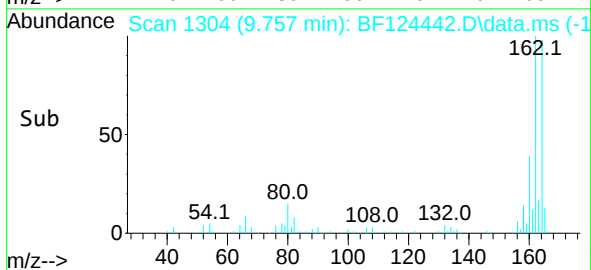
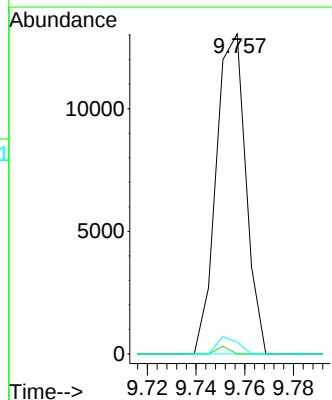
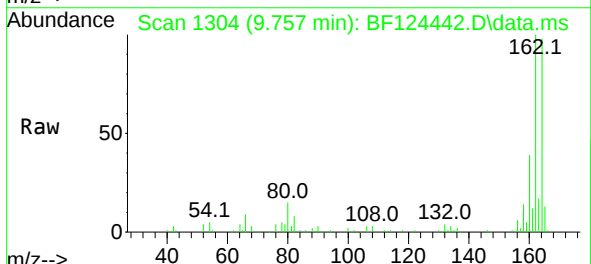
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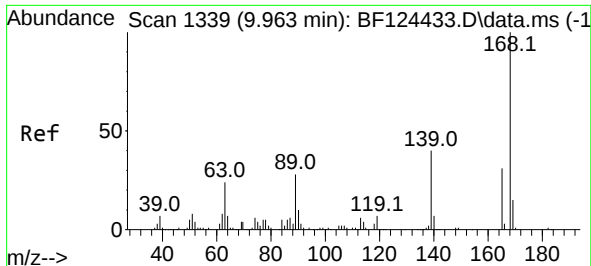
Tgt Ion:163 Resp: 15067
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 571.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.669 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.200 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

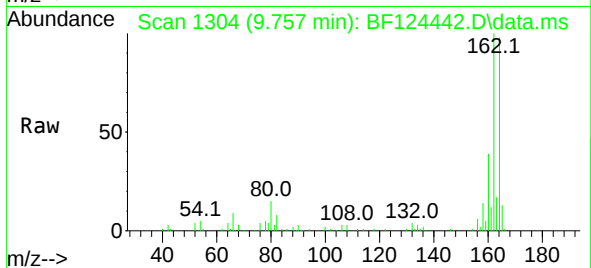
Tgt Ion:165 Resp: 11046
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.7 58.8 88.2#



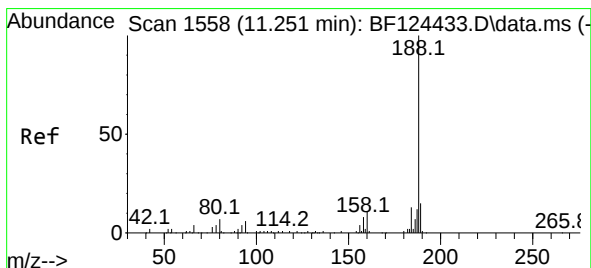
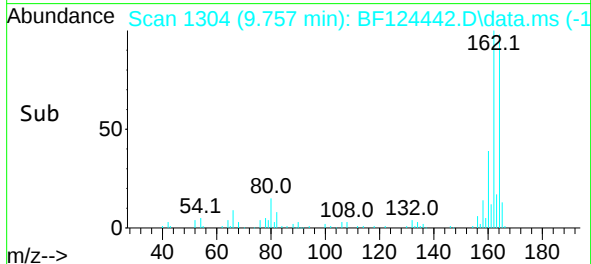
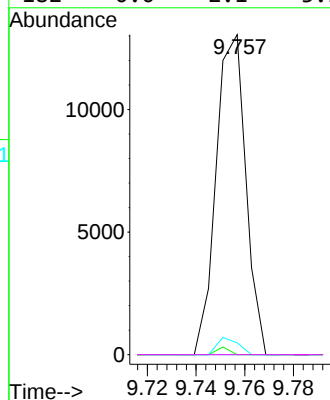


#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.206 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Instrument :
BNA_F
ClientSampleId :
PB137280BL

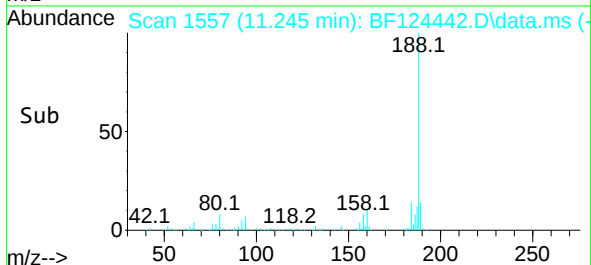
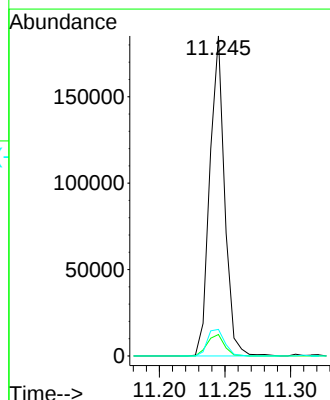
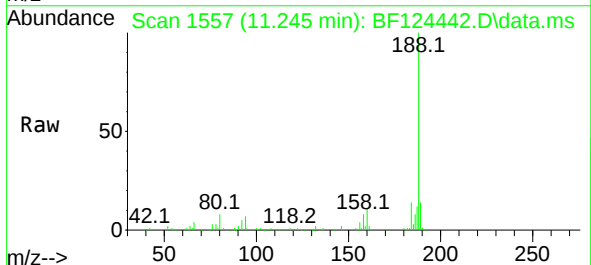


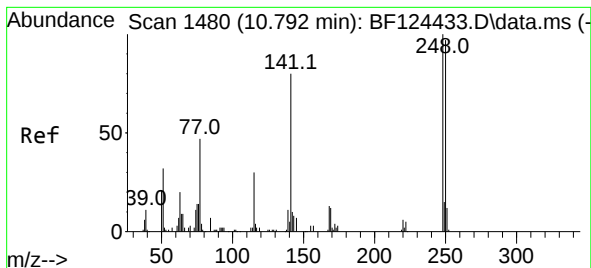
Tgt Ion:165 Resp: 11046
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Tgt Ion:188 Resp: 145687
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.3 8.2 12.2

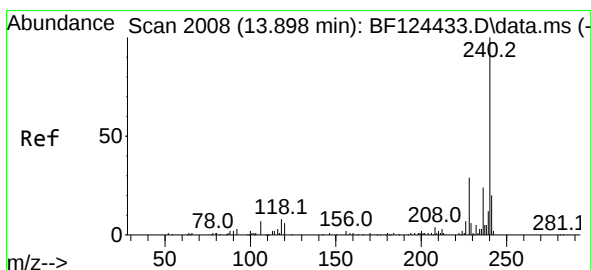
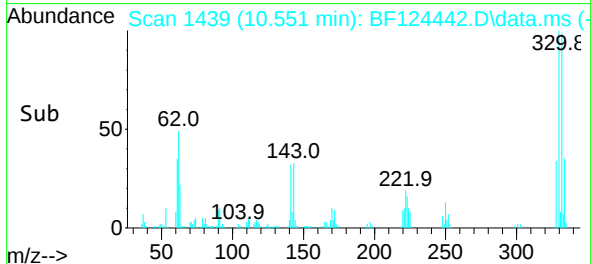
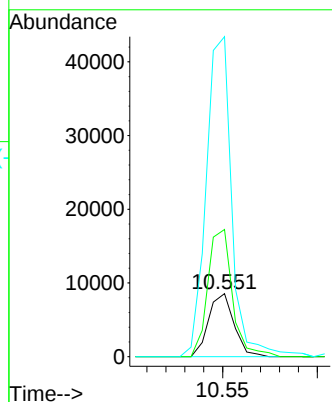
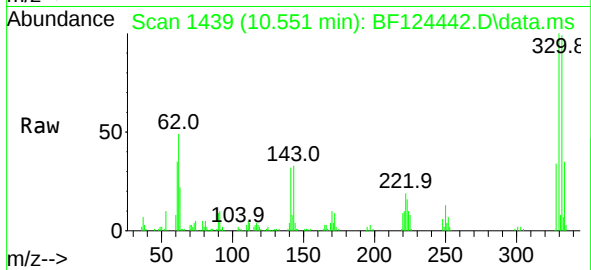




#67
4-Bromophenyl-phenylether
Concen: 4.087 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

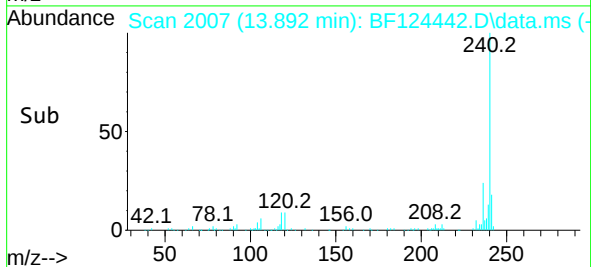
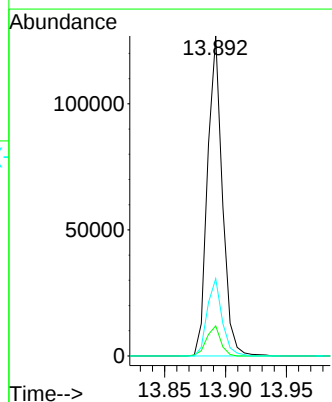
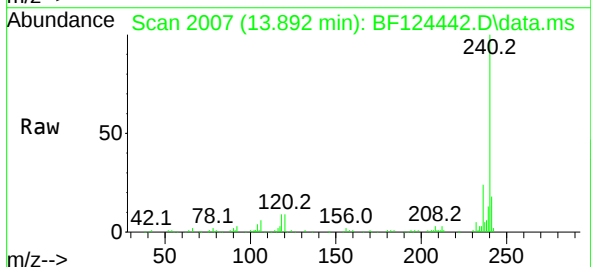
Instrument :
BNA_F
ClientSampleId :
PB137280BL

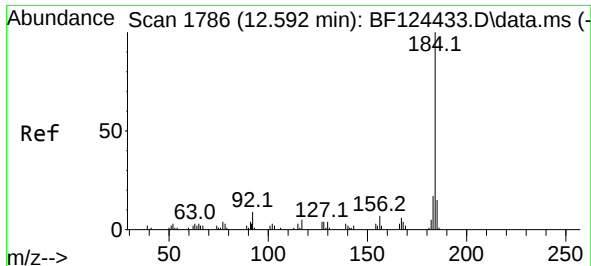
Tgt Ion:248 Resp: 8011
Ion Ratio Lower Upper
248 100
250 201.6 77.4 116.2#
141 507.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

Tgt Ion:240 Resp: 106770
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 24.2 19.0 28.4

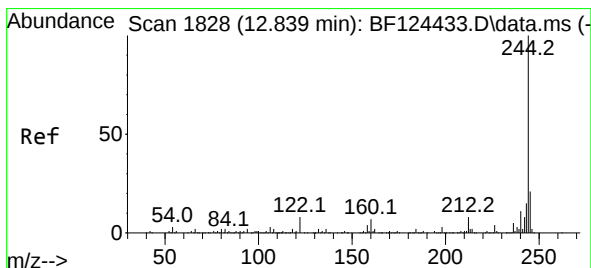
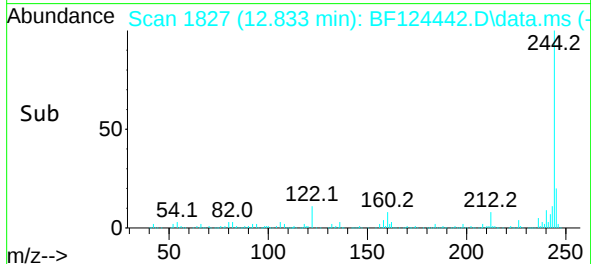
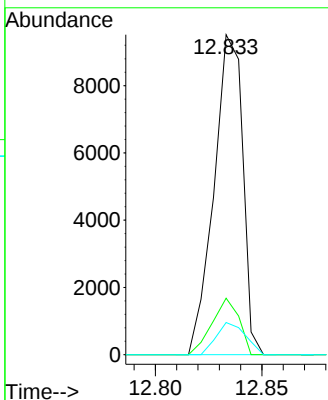
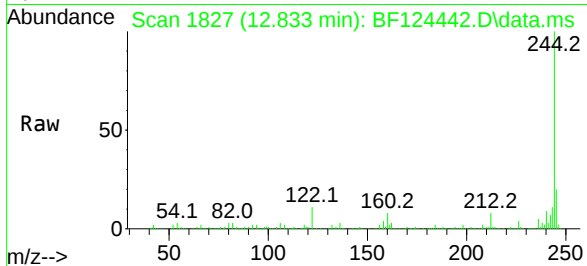




#77
Benzidine
Concen: 4.173 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

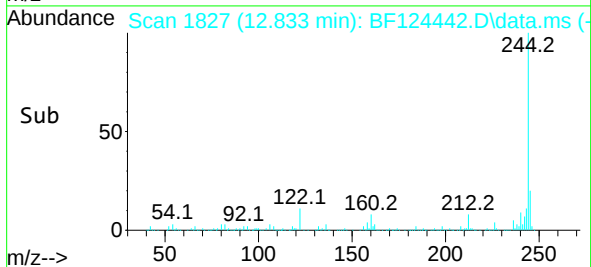
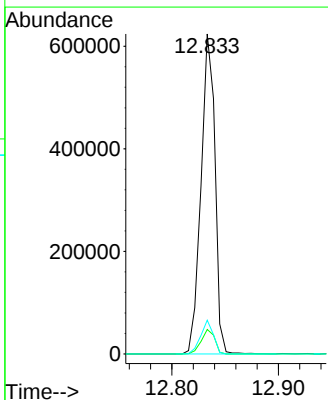
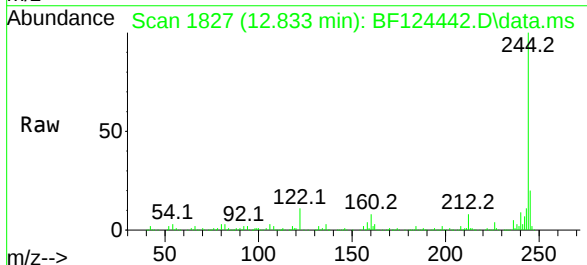
Instrument :
BNA_F
ClientSampleId :
PB137280BL

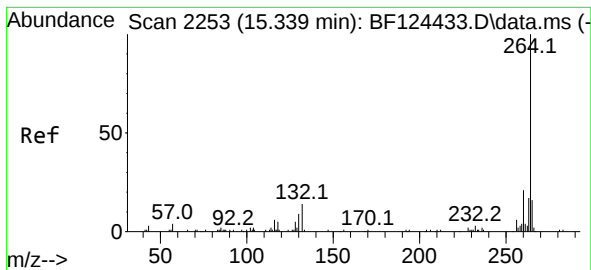
Tgt Ion:184 Resp: 8930
Ion Ratio Lower Upper
184 100
185 17.7 12.1 18.1
183 10.0 7.8 11.8



#79
Terphenyl-d14
Concen: 80.091 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124442.D
Acq: 24 Jun 2021 14:37

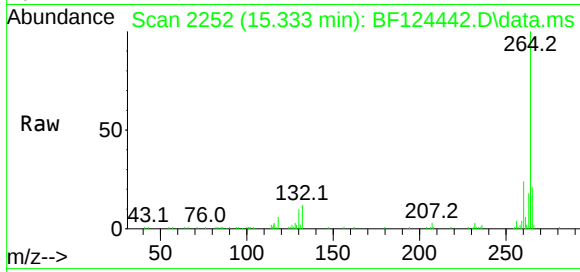
Tgt Ion:244 Resp: 570931
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 10.6 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. -0.006 min
 Lab File: BF124442.D
 Acq: 24 Jun 2021 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB137280BL



Tgt Ion:264	Resp:	86845
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.7 28.1
265	20.9	17.8 26.8

