

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124904.D
 Acq On : 2 Aug 2021 13:06
 Operator : JU/CG
 Sample : M3228-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210549-COM-22

Quant Time: Aug 02 13:35:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

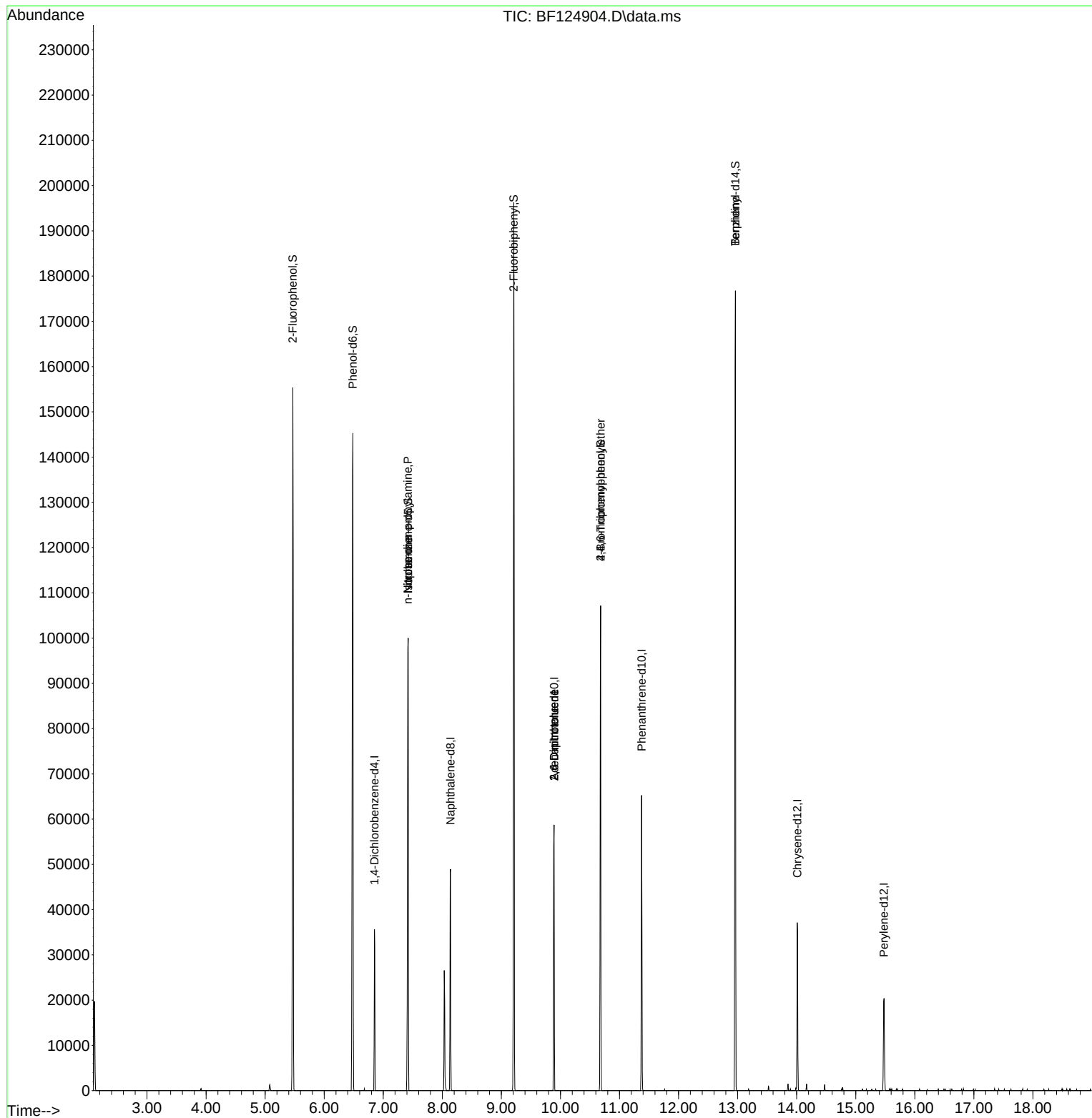
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5571	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	22719	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	12455	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	23079	20.000	ng	0.00
76) Chrysene-d12	14.010	240	14318	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	10968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	41065	124.806	ng	0.00
7) Phenol-d6	6.487	99	51929	125.892	ng	0.00
23) Nitrobenzene-d5	7.422	82	33526	87.829	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	10457	97.785	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	57672	68.009	ng	0.00
79) Terphenyl-d14	12.963	244	61693	73.859	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	4289	19.472	ng	# 71
25) Isophorone	7.422	82	33525	49.670	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1664	8.783	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1664	6.472	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	597	2.439	ng	# 1
77) Benzidine	12.963	184	844	2.090	ng	# 69

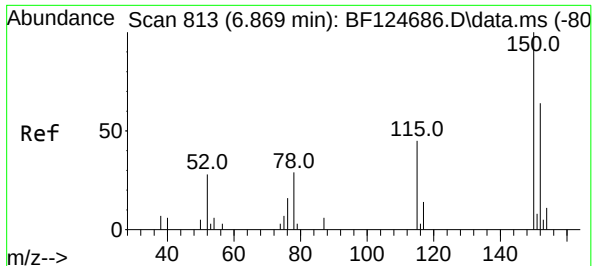
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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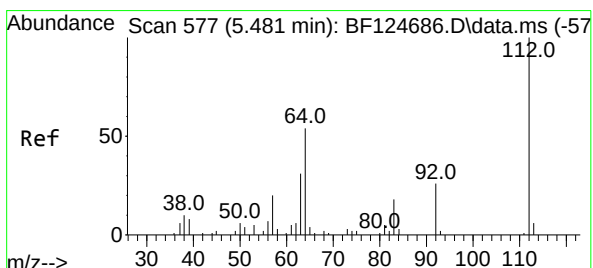
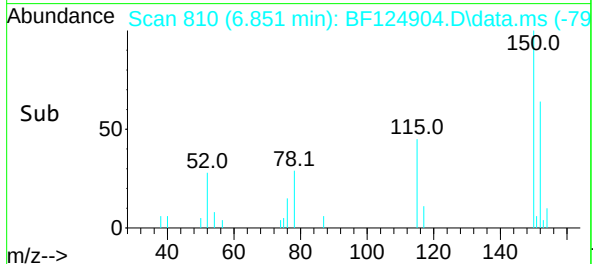
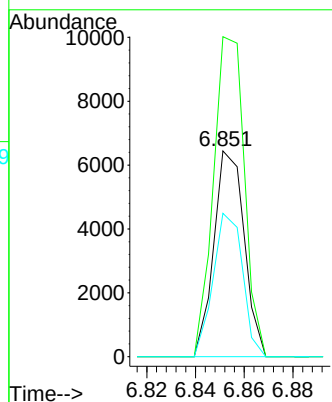
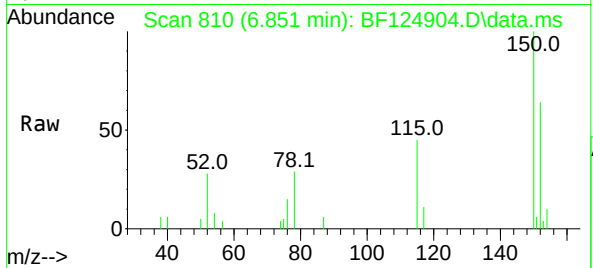




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

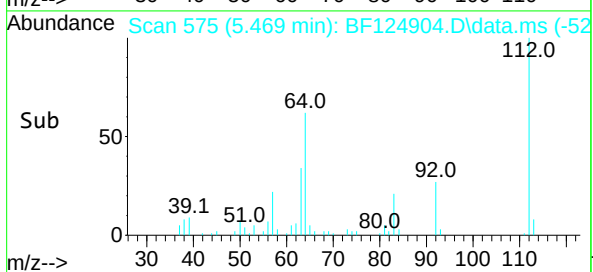
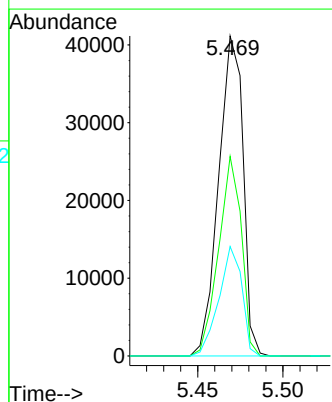
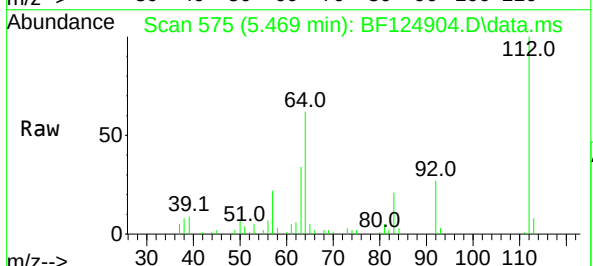
Instrument :
BNA_F
ClientSampleId :
20210549-COM-22

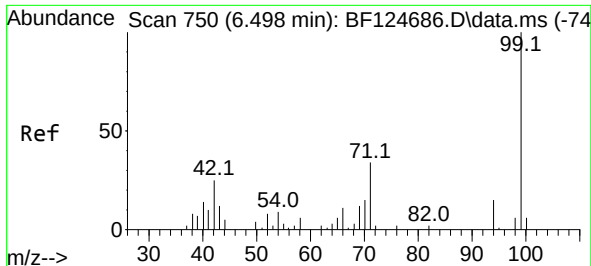
Tgt Ion:152 Resp: 5571
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 69.7 47.1 70.7



#5
2-Fluorophenol
Concen: 124.806 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion:112 Resp: 41065
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.2
63 34.2 26.2 39.2

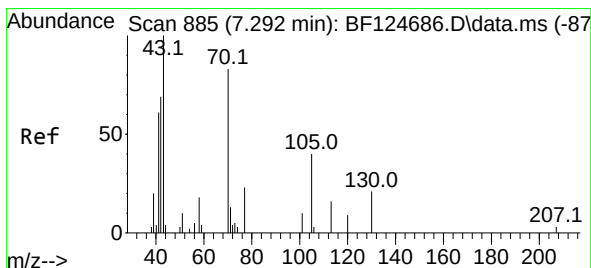
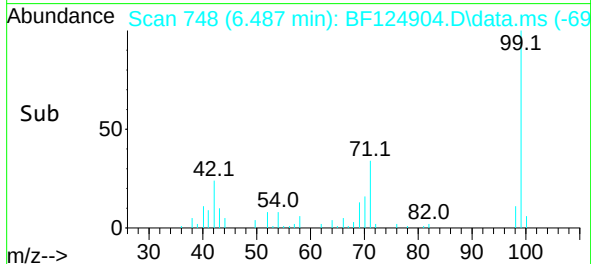
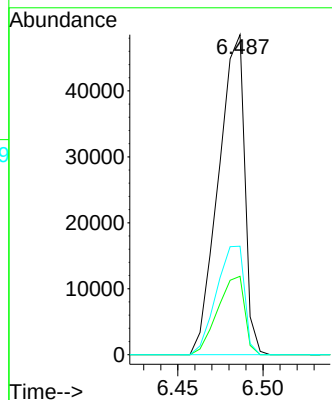
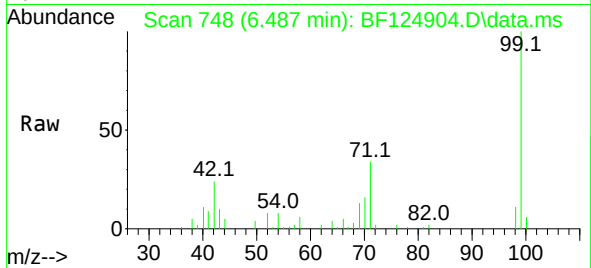




#7
Phenol-d6
Concen: 125.892 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

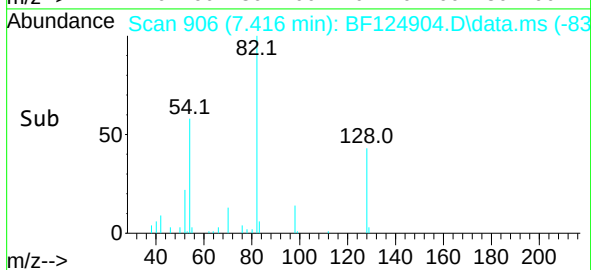
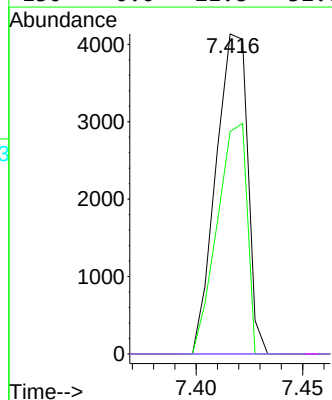
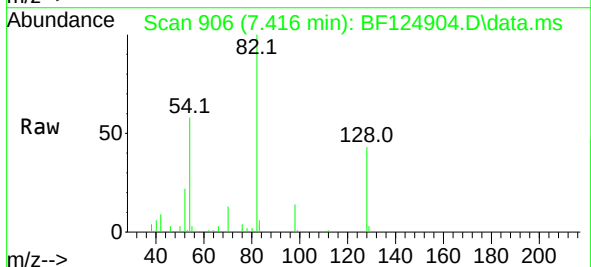
Instrument :
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ClientSampleId :
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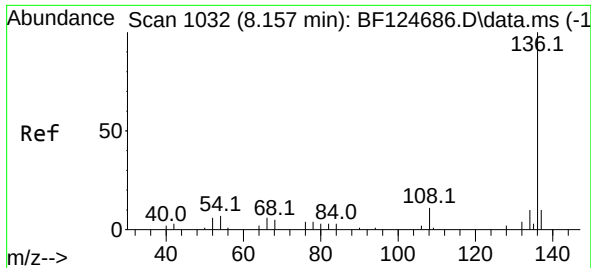
Tgt Ion: 99 Resp: 51929
Ion Ratio Lower Upper
99 100
42 24.5 23.5 35.3
71 33.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.472 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion: 70 Resp: 4289
Ion Ratio Lower Upper
70 100
42 69.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

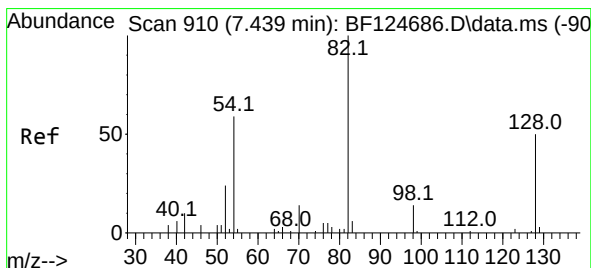
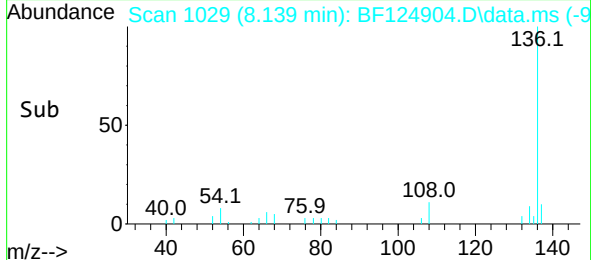
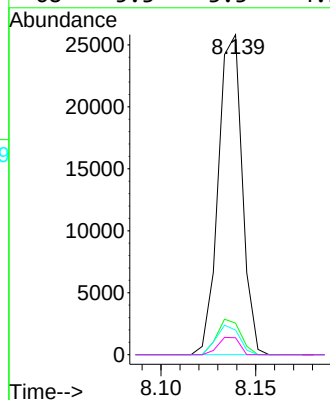
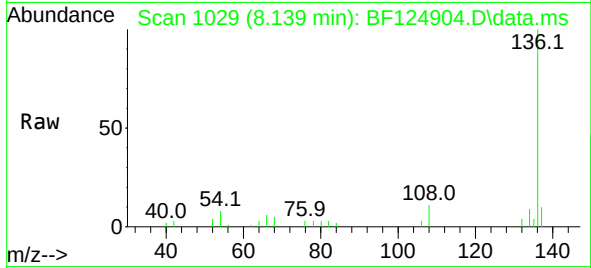




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

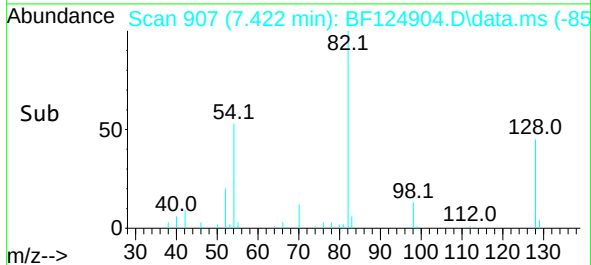
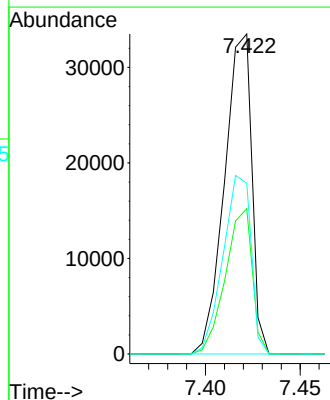
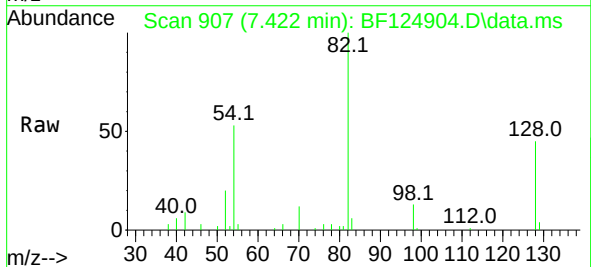
Instrument :
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ClientSampleId :
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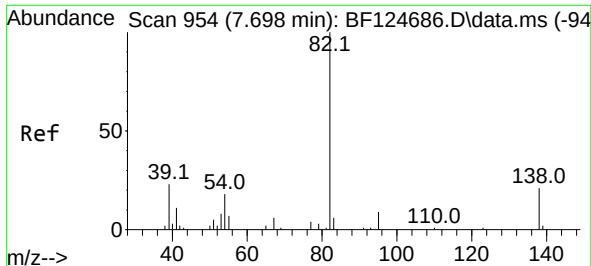
Tgt Ion:136 Resp: 22719
Ion Ratio Lower Upper
136 100
137 9.8 9.8 14.6
54 7.7 6.4 9.6
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 87.829 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion: 82 Resp: 33526
Ion Ratio Lower Upper
82 100
128 45.4 40.6 60.8
54 53.4 49.6 74.4

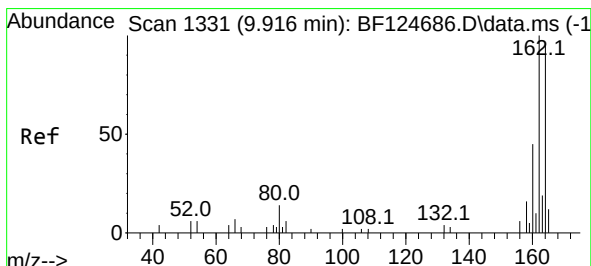
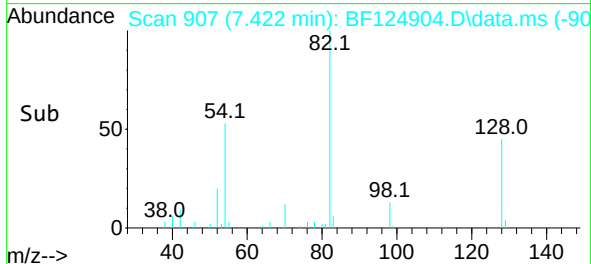
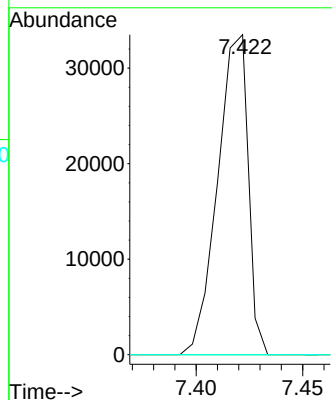
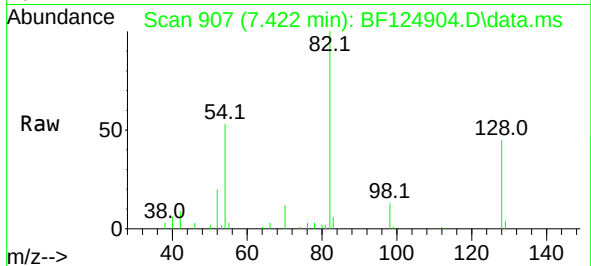




#25
Isophorone
Concen: 49.670 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

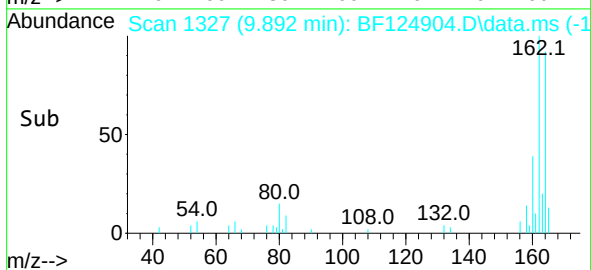
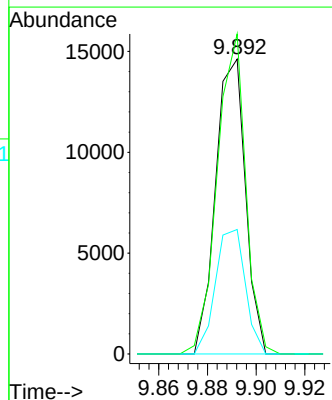
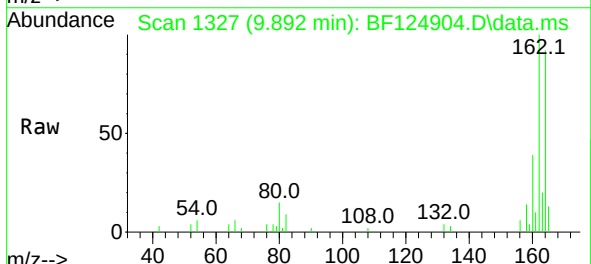
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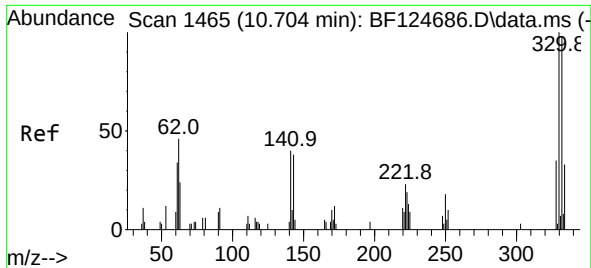
Tgt Ion: 82 Resp: 33525
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion: 164 Resp: 12455
Ion Ratio Lower Upper
164 100
162 108.5 81.3 121.9
160 42.2 38.0 57.0

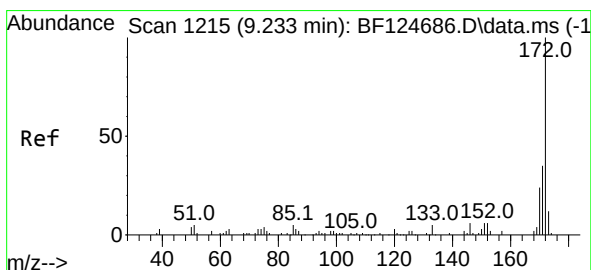
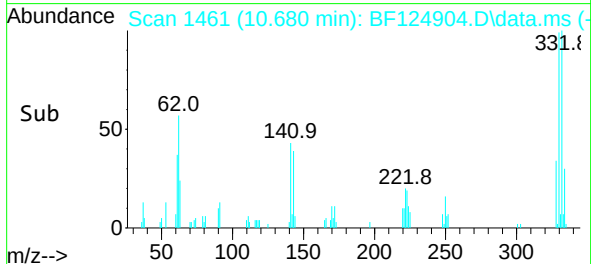
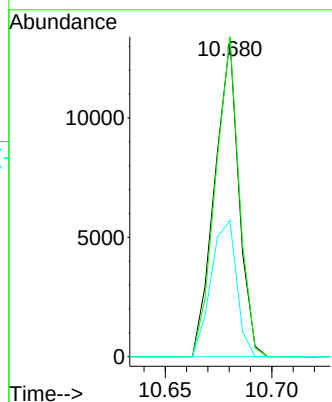
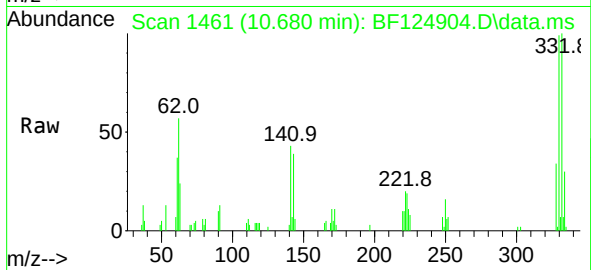




#42
2,4,6-Tribromophenol
Concen: 97.785 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

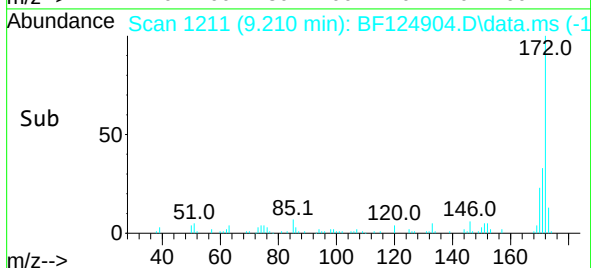
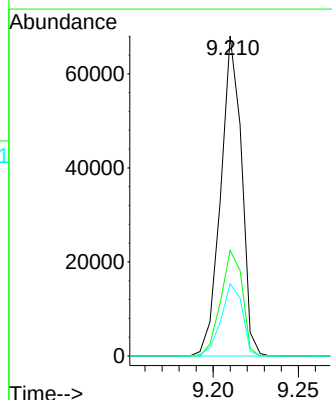
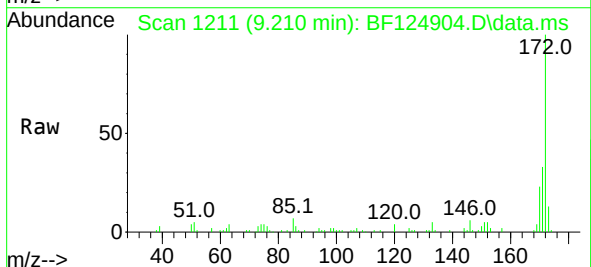
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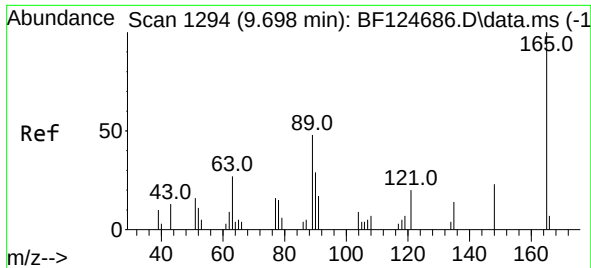
Tgt Ion:330 Resp: 10457
Ion Ratio Lower Upper
330 100
332 98.7 76.2 114.4
141 45.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 68.009 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion:172 Resp: 57672
Ion Ratio Lower Upper
172 100
171 33.0 26.5 39.7
170 22.5 18.8 28.2

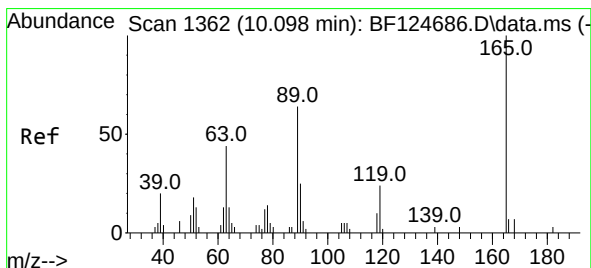
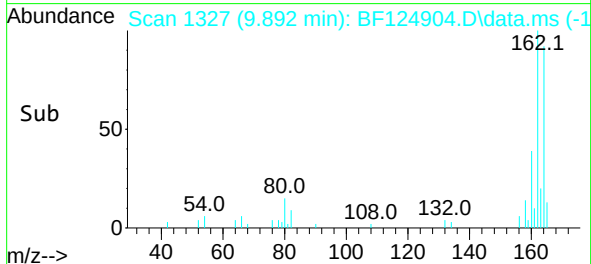
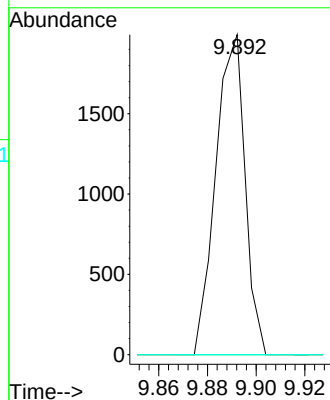
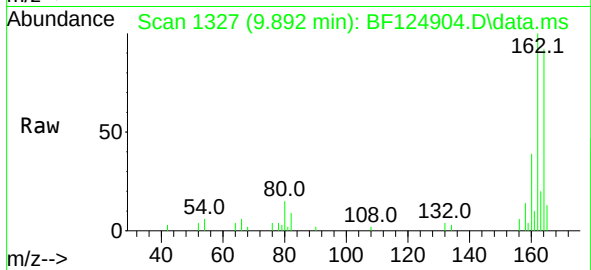




#51
2,6-Dinitrotoluene
Concen: 8.783 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

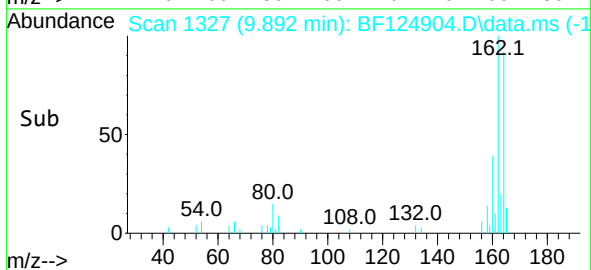
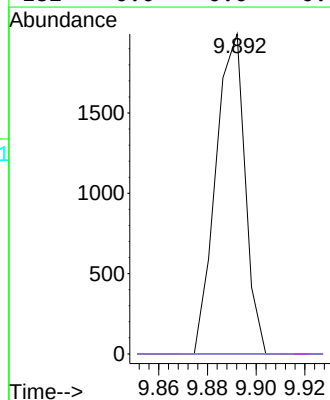
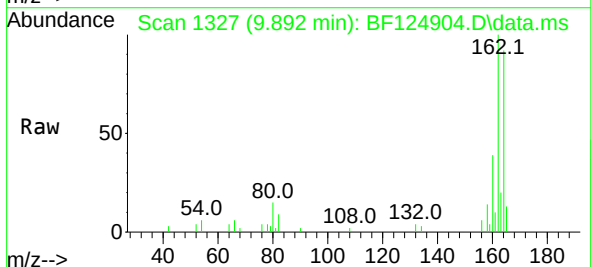
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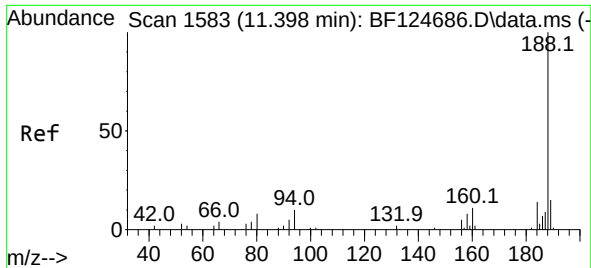
Tgt Ion:165 Resp: 1664
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.472 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion:165 Resp: 1664
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

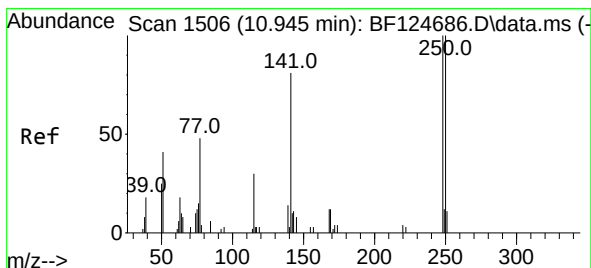
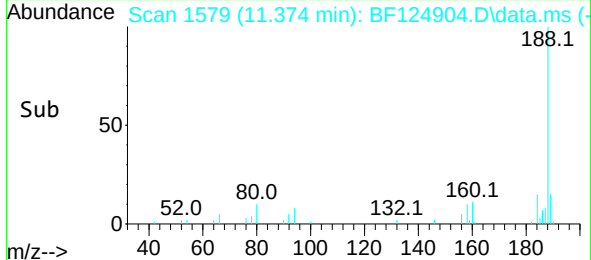
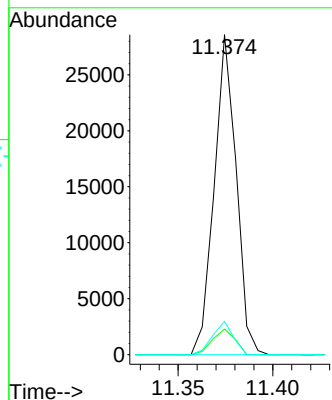
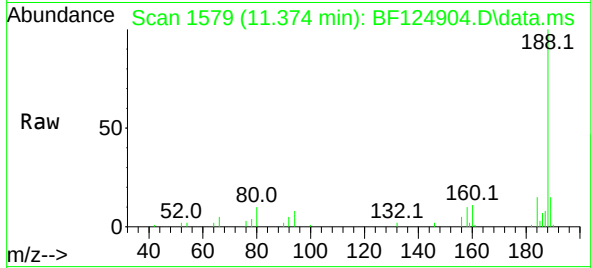




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

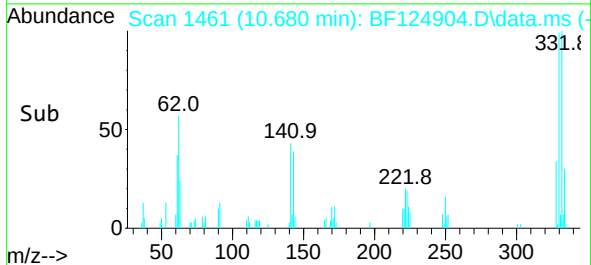
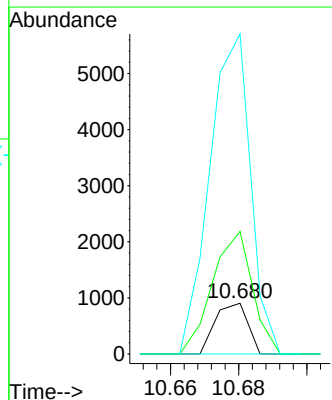
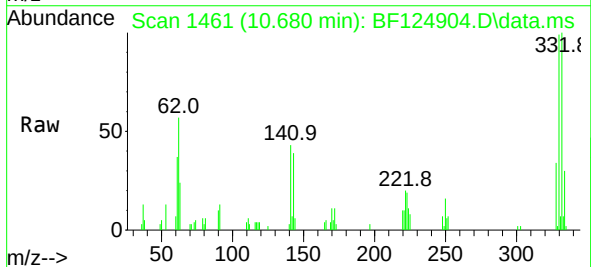
Instrument :
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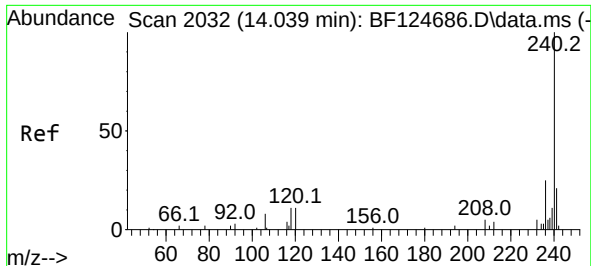
Tgt Ion:188 Resp: 23079
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.439 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

Tgt Ion:248 Resp: 597
Ion Ratio Lower Upper
248 100
250 241.4 74.2 111.4#
141 629.8 60.4 90.6#

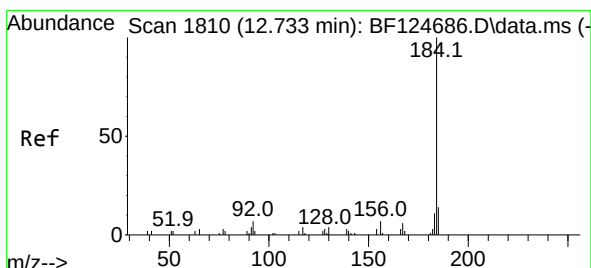
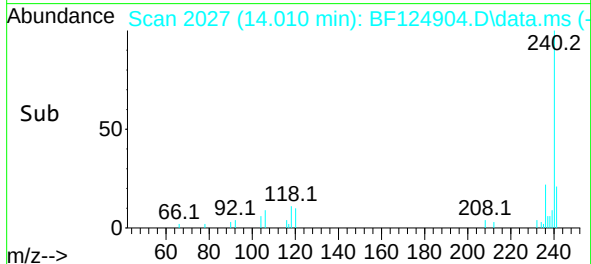
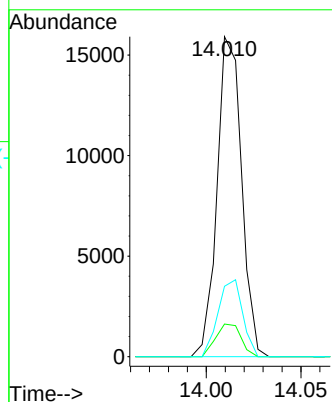
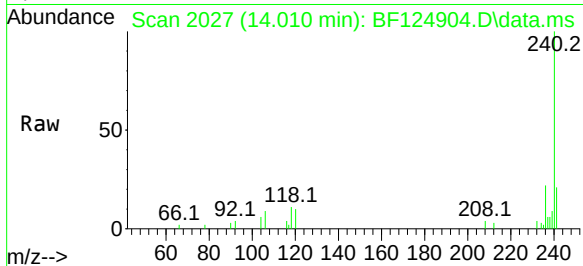




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

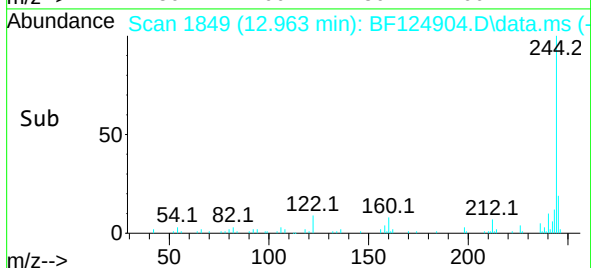
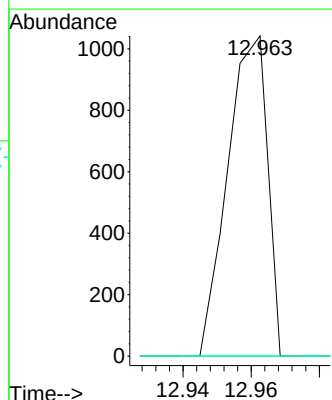
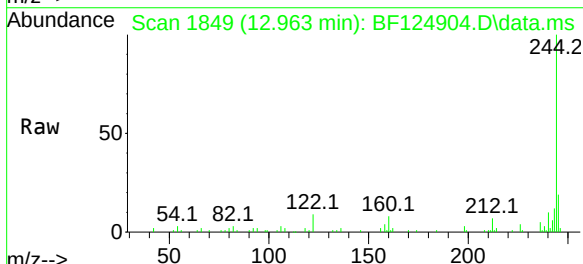
Instrument :
BNA_F
ClientSampleId :
20210549-COM-22

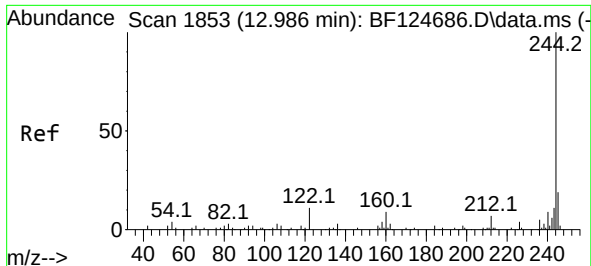
Tgt Ion:240 Resp: 14318
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 22.0 21.6 32.4



#77
Benzidine
Concen: 2.090 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124904.D
Acq: 2 Aug 2021 13:06

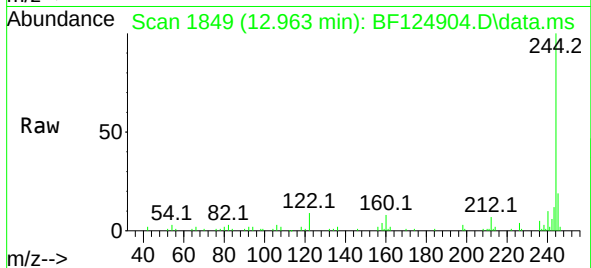
Tgt Ion:184 Resp: 844
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



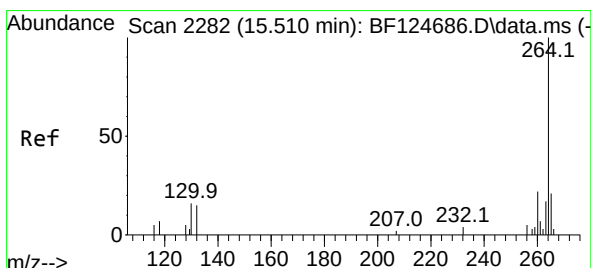
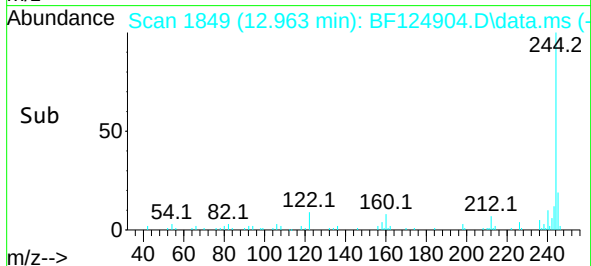
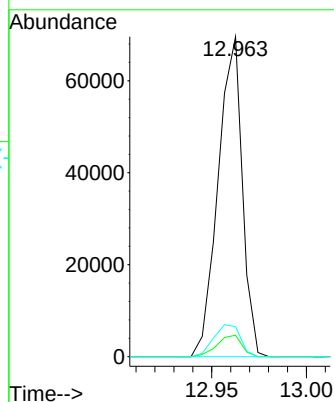


#79
 Terphenyl-d14
 Concen: 73.859 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF124904.D
 Acq: 2 Aug 2021 13:06

Instrument :
 BNA_F
 ClientSampleId :
 20210549-COM-22



Tgt Ion:244 Resp: 61693
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF124904.D
 Acq: 2 Aug 2021 13:06

Tgt Ion:264 Resp: 10968
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 19.1 17.2 25.8

