

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124865.D
 Acq On : 29 Jul 2021 22:46
 Operator : JU/CG
 Sample : M3216-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210593-AMENDED-COM-7

Quant Time: Jul 30 02:55:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

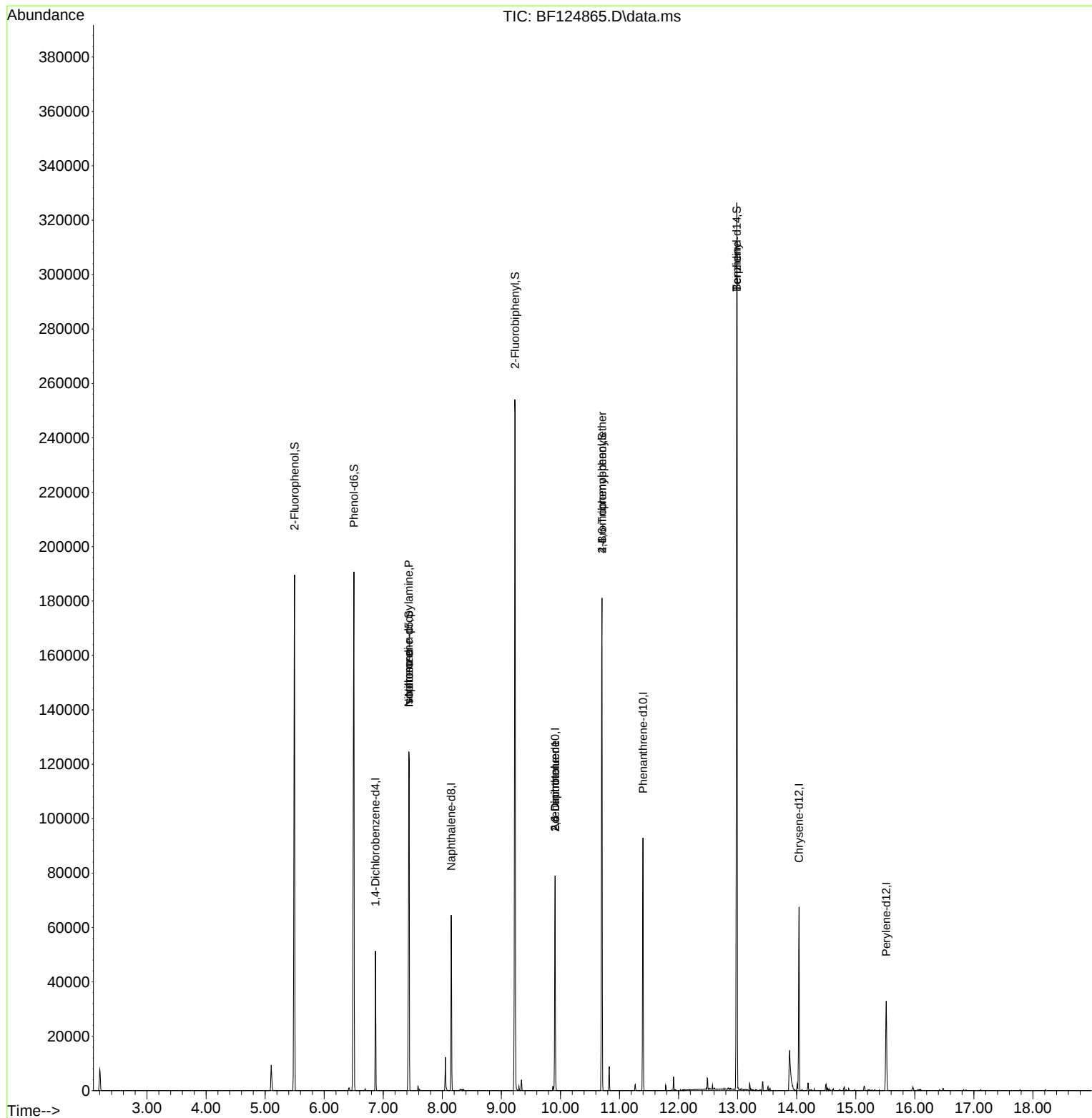
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6818	20.00	ng	# 0.00
21) Naphthalene-d8	8.151	136	27617	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16016	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	32790	20.00	ng	0.00
76) Chrysene-d12	14.039	240	24222	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	17360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	52481	130.33	ng	0.02
7) Phenol-d6	6.504	99	67606	133.92	ng	0.00
23) Nitrobenzene-d5	7.434	82	44009	94.84	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	18978	138.01	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	88424	81.09	ng	0.00
79) Terphenyl-d14	12.986	244	120105	85.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	6315	23.43	ng	# 64
25) Isophorone	7.434	82	44008	53.64	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2075	8.52	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2075	6.28	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1487	4.28	ng	# 1
77) Benzidine	12.986	184	1765	2.58	ng	# 81

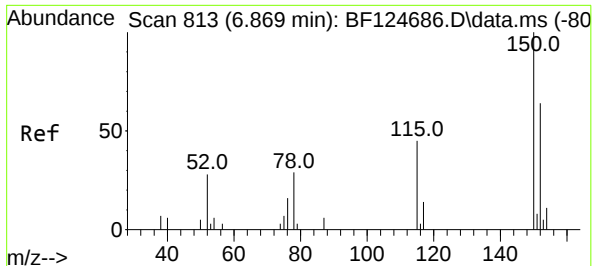
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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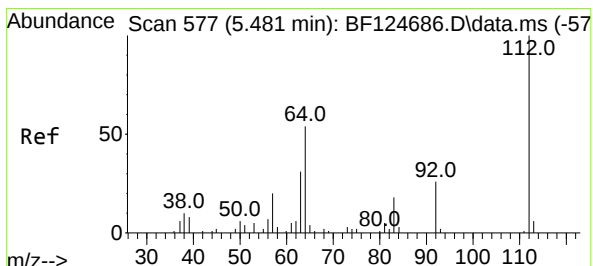
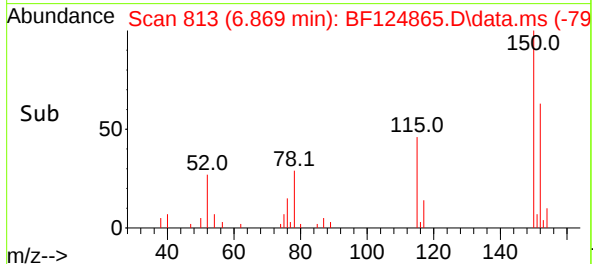
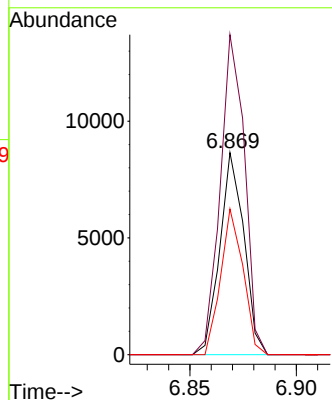
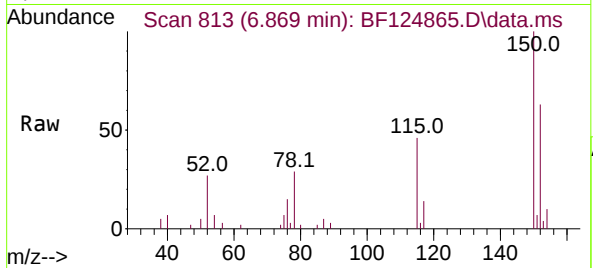




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

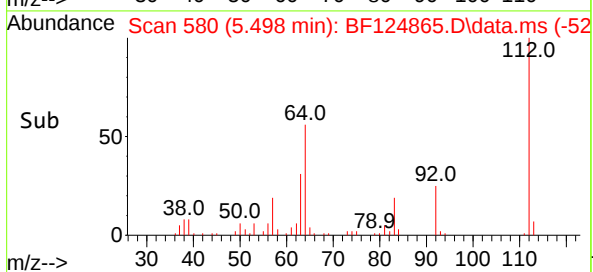
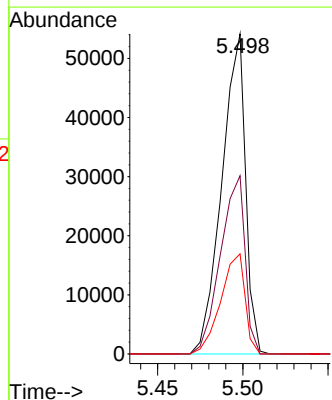
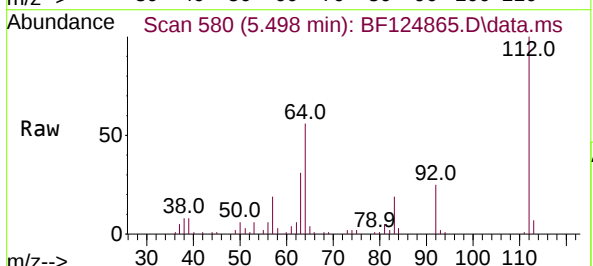
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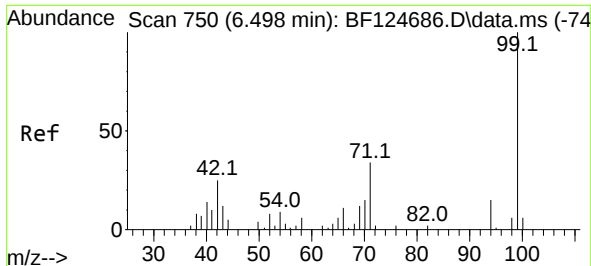
Tgt Ion:152 Resp: 6818
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 72.1 47.1 70.7#



#5
2-Fluorophenol
Concen: 130.33 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:112 Resp: 52481
Ion Ratio Lower Upper
112 100
64 55.7 44.2 66.2
63 31.3 26.2 39.2

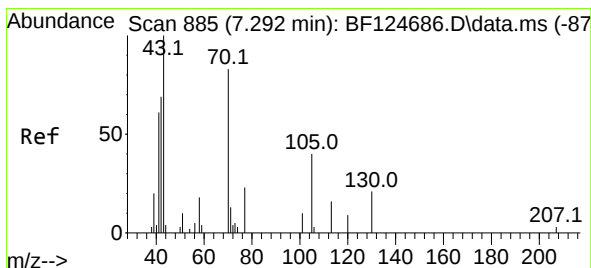
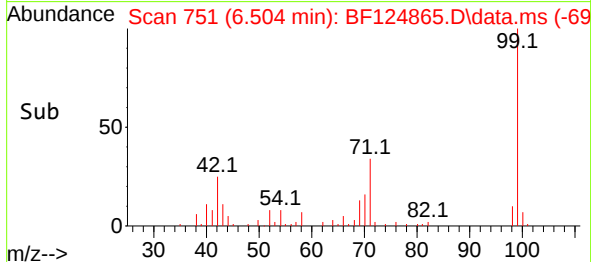
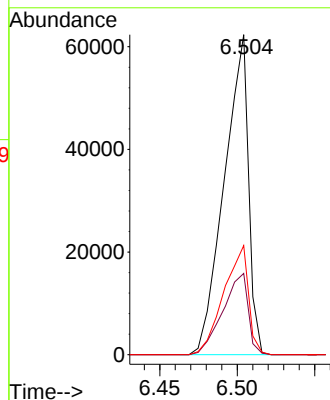
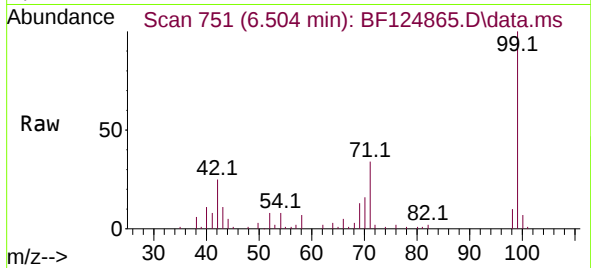




#7
Phenol-d6
Concen: 133.92 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

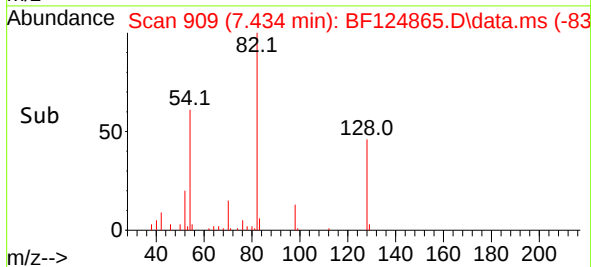
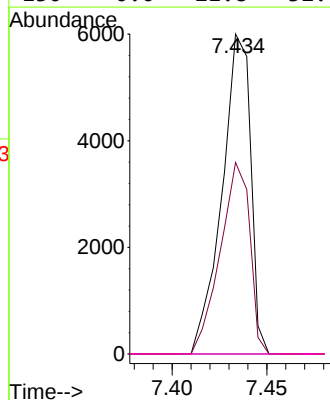
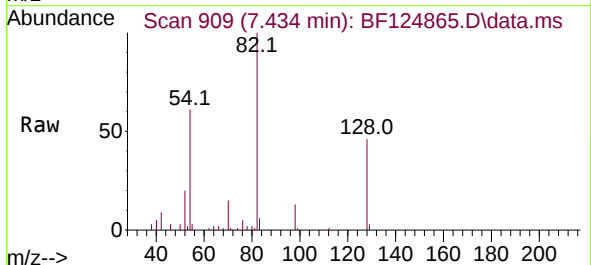
Instrument :
BNA_F
ClientSampleId :
20210593-AMENDED-COM-7

Tgt Ion: 99 Resp: 67606
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 34.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.43 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion: 70 Resp: 6315
Ion Ratio Lower Upper
70 100
42 59.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

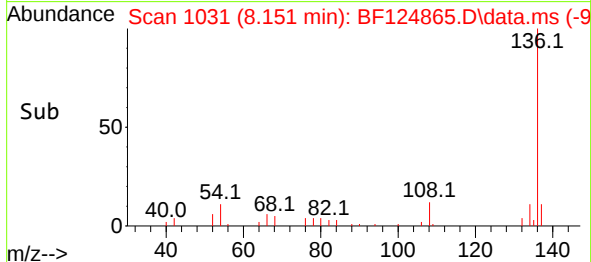
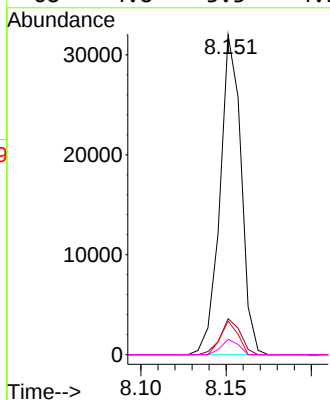
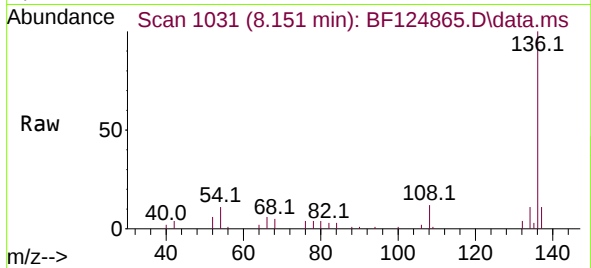




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

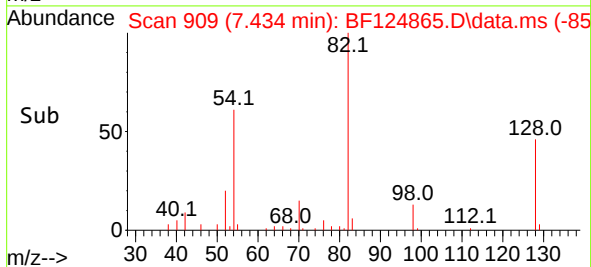
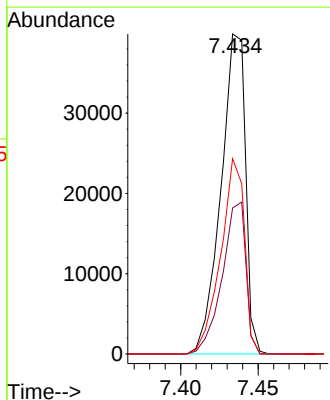
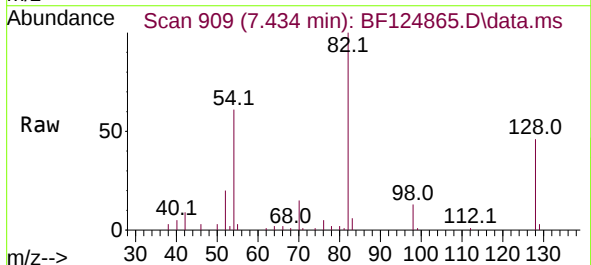
Instrument :
BNA_F
ClientSampleId :
20210593-AMENDED-COM-7

Tgt Ion:136	Resp:	27617
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	10.5	6.4 9.6#
68	4.8	3.3 4.9



#23
Nitrobenzene-d5
Concen: 94.84 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion: 82	Resp:	44009
Ion Ratio	Lower	Upper
82	100	
128	45.6	40.6 60.8
54	61.1	49.6 74.4

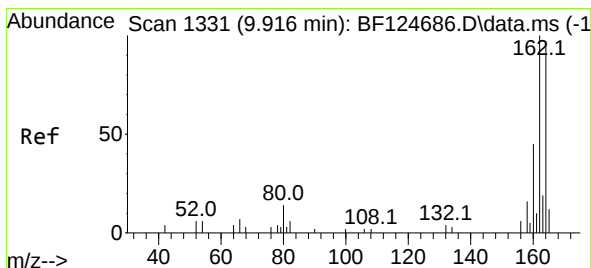
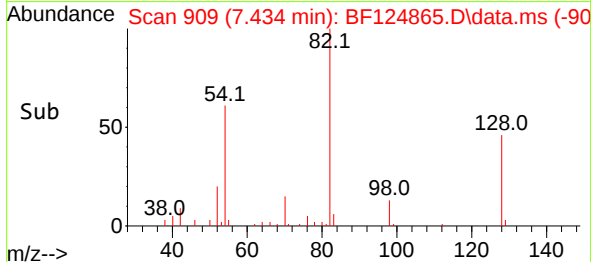
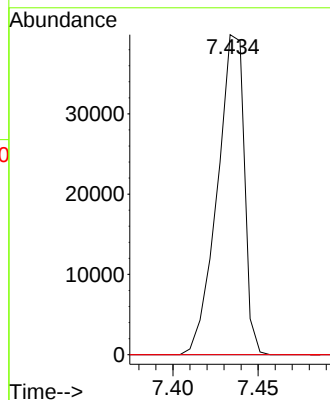
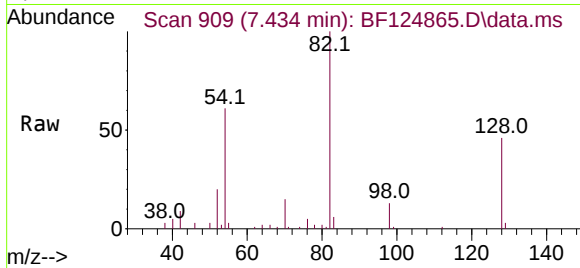




#25
Isophorone
Concen: 53.64 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

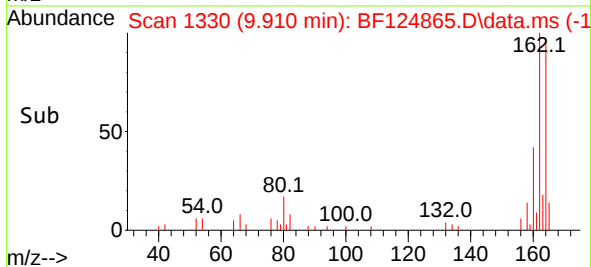
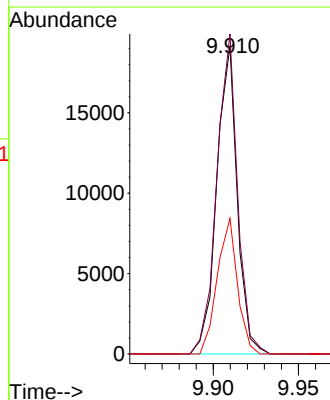
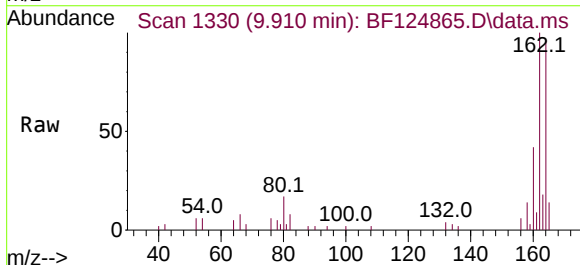
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ClientSampleId :
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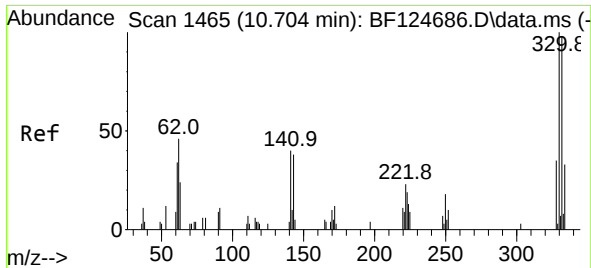
Tgt Ion: 82 Resp: 44008
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion: 164 Resp: 16016
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 44.0 38.0 57.0

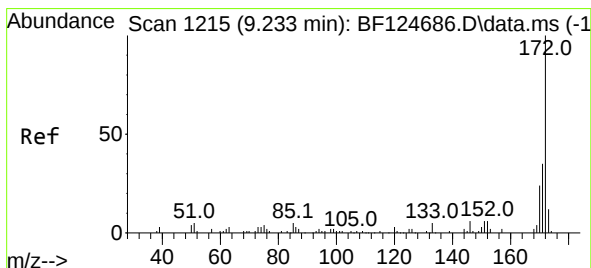
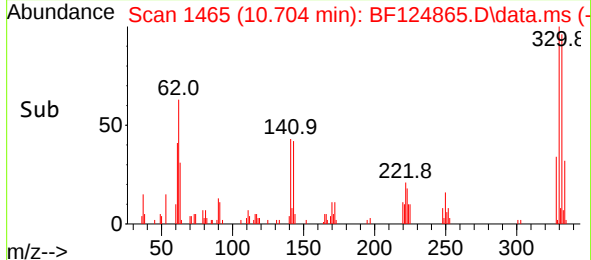
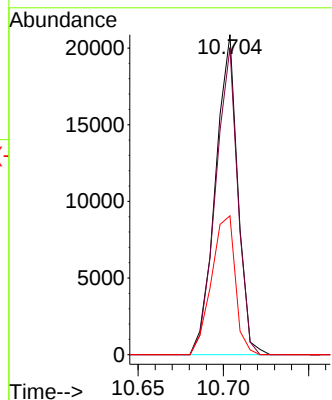
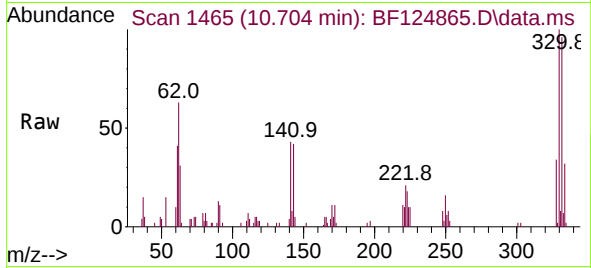




#42
2,4,6-Tribromophenol
Concen: 138.01 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

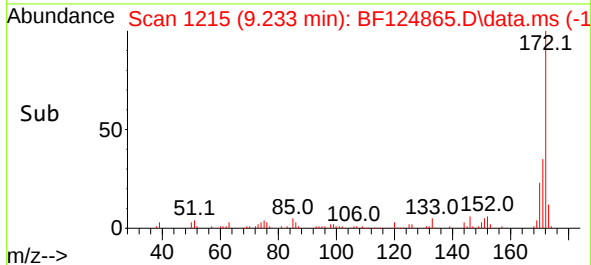
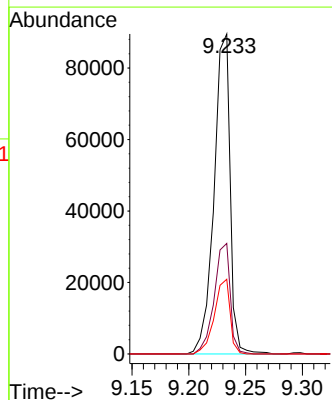
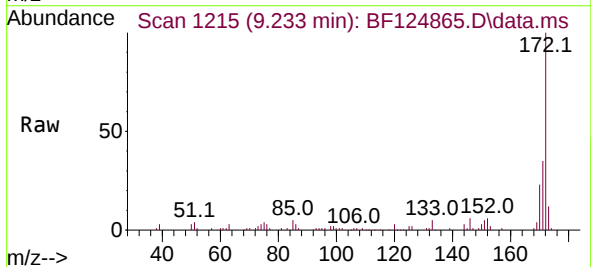
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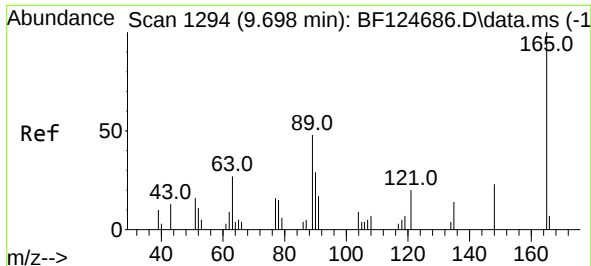
Tgt Ion: 330 Resp: 18978
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 46.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 81.09 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion: 172 Resp: 88424
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.4 18.8 28.2

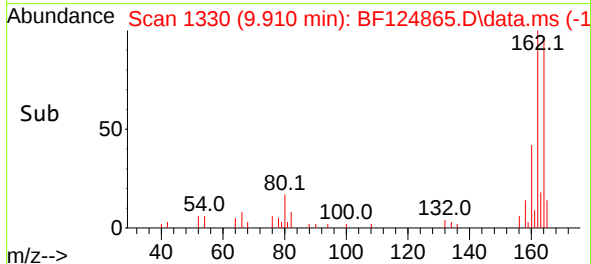
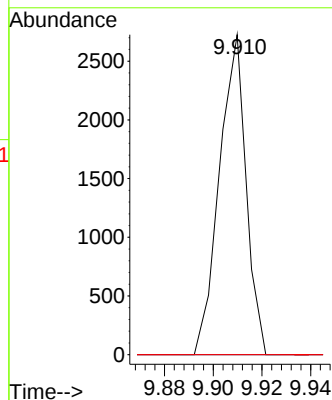
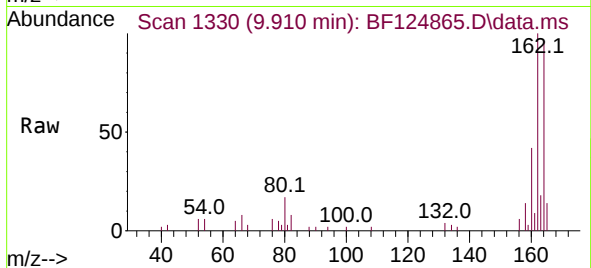




#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

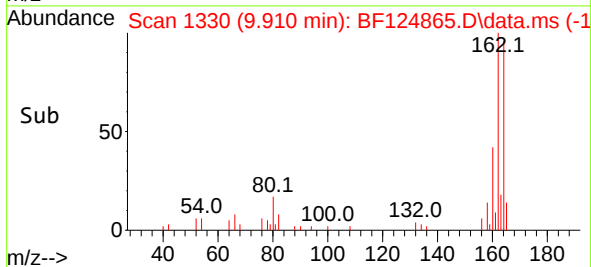
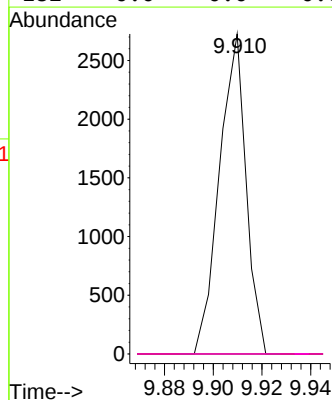
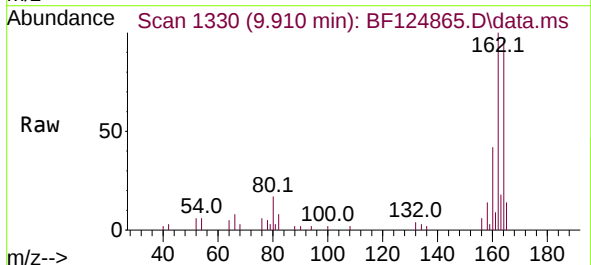
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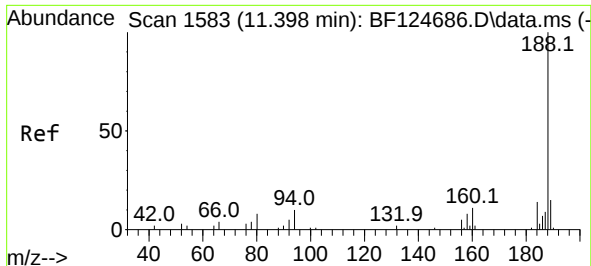
Tgt Ion:165 Resp: 2075
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:165 Resp: 2075
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

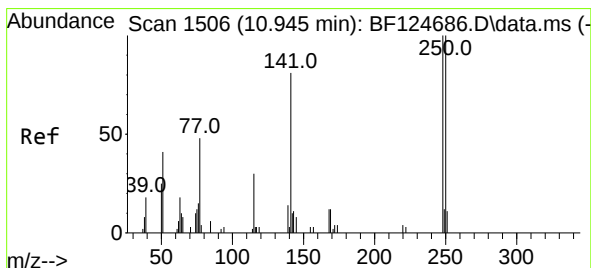
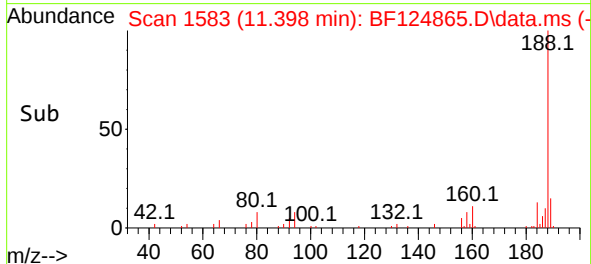
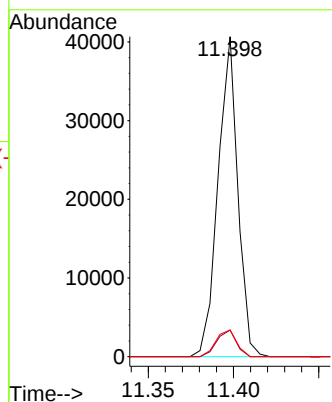
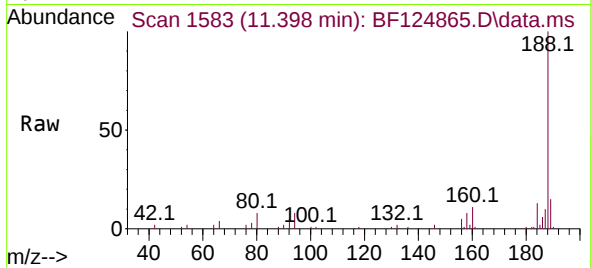




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

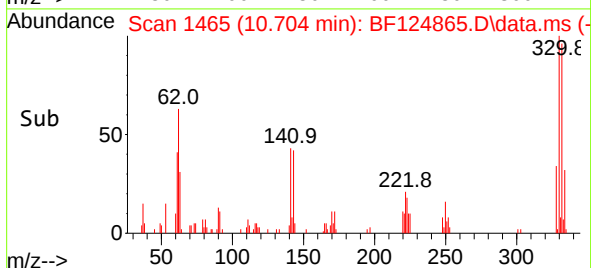
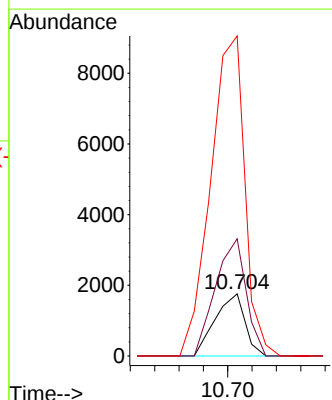
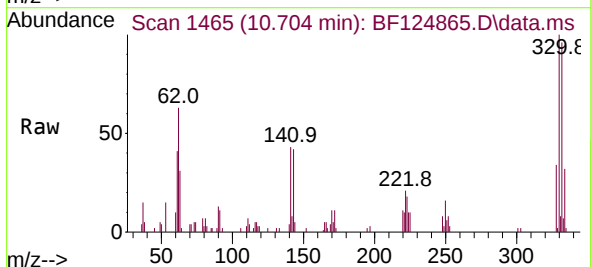
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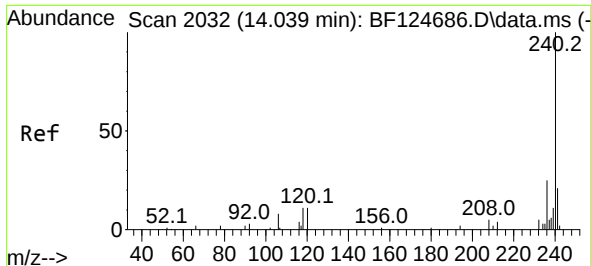
Tgt Ion:188 Resp: 32790
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:248 Resp: 1487
Ion Ratio Lower Upper
248 100
250 188.8 74.2 111.4#
141 516.0 60.4 90.6#

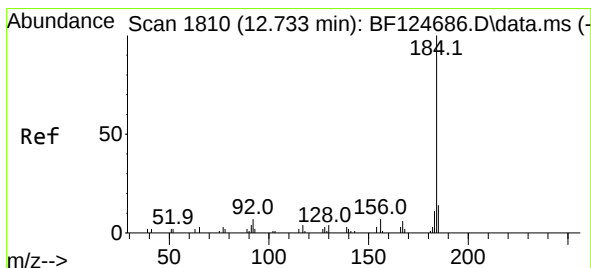
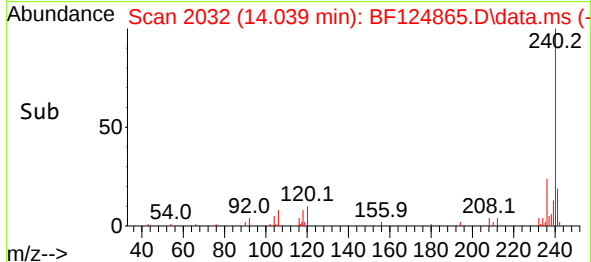
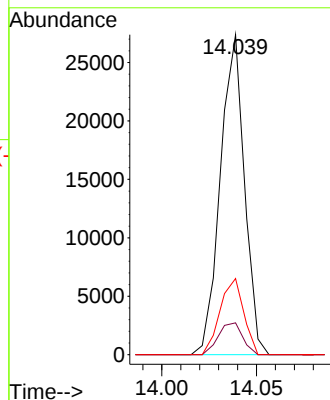
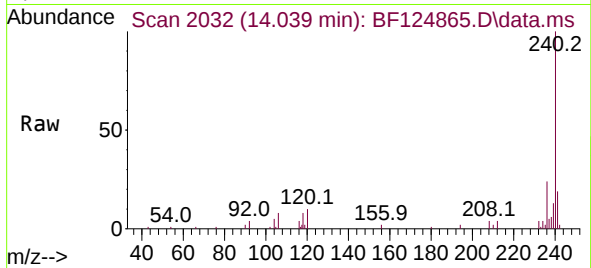




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

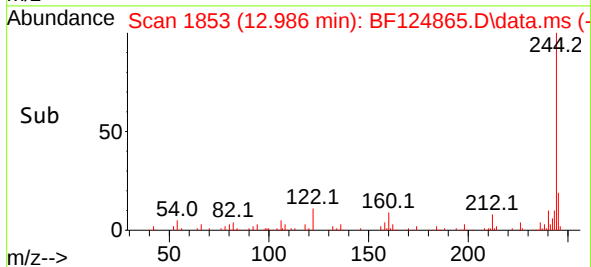
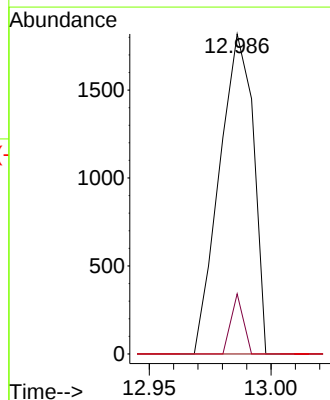
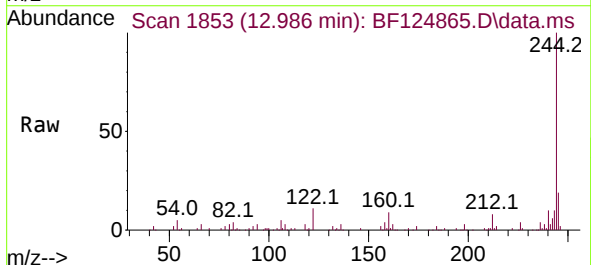
Instrument :
BNA_F
ClientSampleId :
20210593-AMENDED-COM-7

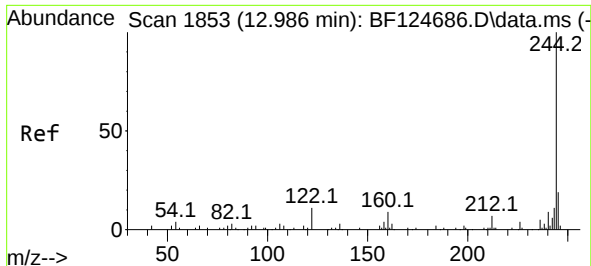
Tgt Ion:240 Resp: 24222
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 23.8 21.6 32.4



#77
Benzidine
Concen: 2.58 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124865.D
Acq: 29 Jul 2021 22:46

Tgt Ion:184 Resp: 1765
Ion Ratio Lower Upper
184 100
185 18.8 10.8 16.2#
183 0.0 8.1 12.1#

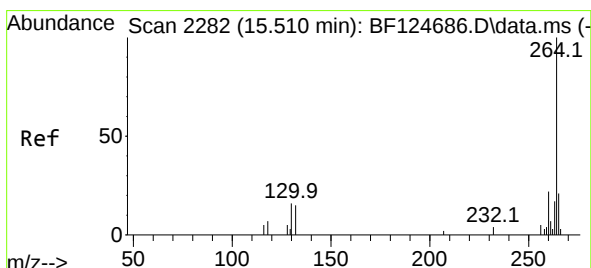
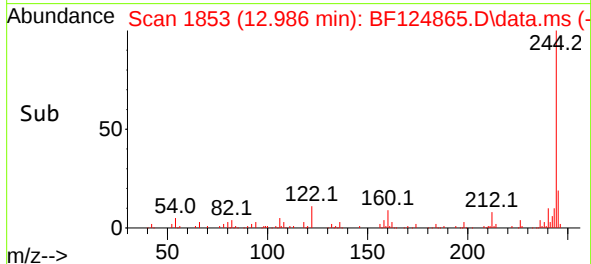
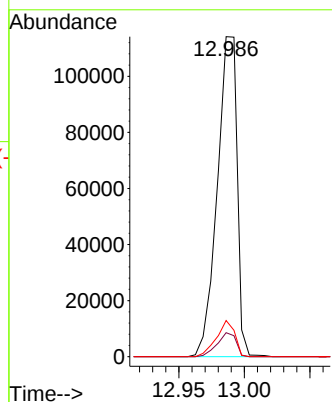
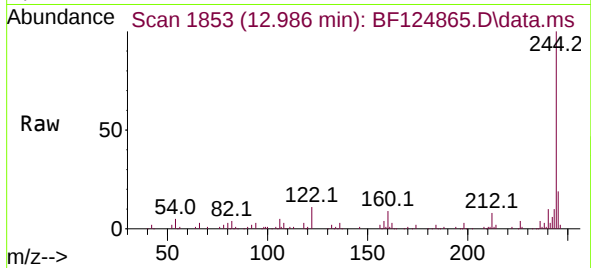




#79
 Terphenyl-d14
 Concen: 85.00 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124865.D
 Acq: 29 Jul 2021 22:46

Instrument :
 BNA_F
 ClientSampleId :
 20210593-AMENDED-COM-7

Tgt Ion:244 Resp: 120105
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124865.D
 Acq: 29 Jul 2021 22:46

Tgt Ion:264 Resp: 17360
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 19.6 17.2 25.8

