

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
 Data File : BF124891.D
 Acq On : 31 Jul 2021 14:19
 Operator : JU/CG
 Sample : M3223-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-10

Quant Time: Aug 02 02:34:06 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 02:31:45 2021
 Response via : Initial Calibration

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

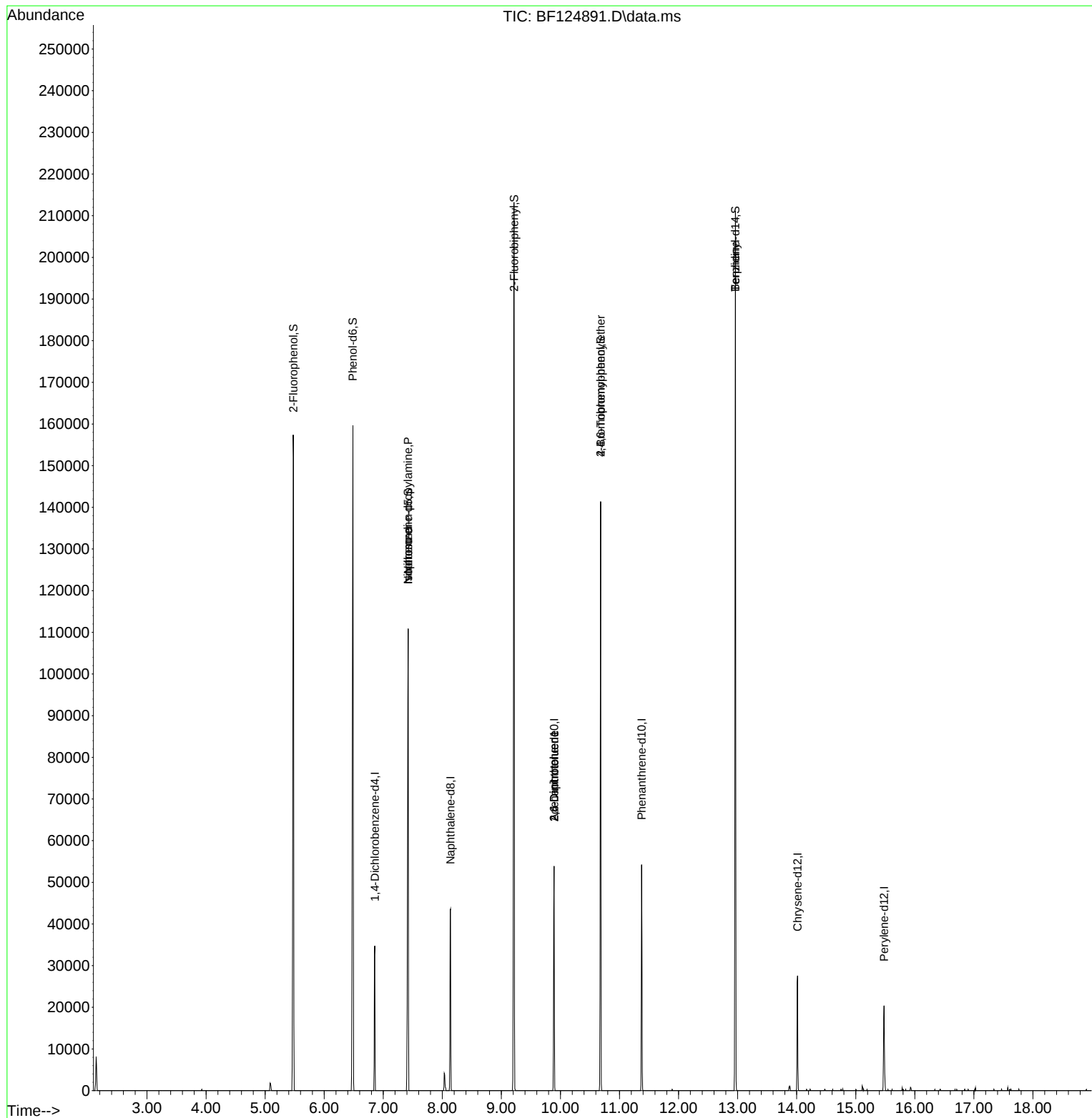
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	5105	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	20897	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	11388	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	19606	20.000	ng	0.00
76) Chrysene-d12	14.015	240	10934	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	10306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	44562	147.797	ng	0.00
7) Phenol-d6	6.487	99	53261	140.908	ng	0.00
23) Nitrobenzene-d5	7.422	82	35959	102.416	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	12686	129.744	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	71137	91.748	ng	0.00
79) Terphenyl-d14	12.963	244	68066	106.709	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	4819	23.875	ng	# 63
25) Isophorone	7.422	82	35395	57.012	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1528	8.820	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1528	6.500	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	890	4.280	ng	# 1
77) Benzidine	12.963	184	1062	3.444	ng	# 69

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

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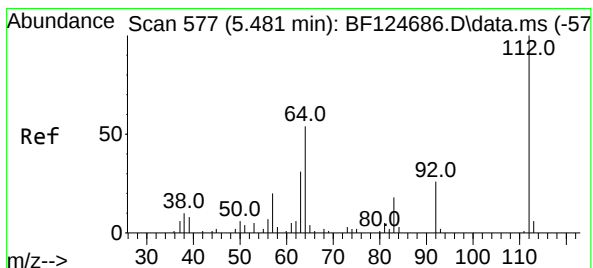
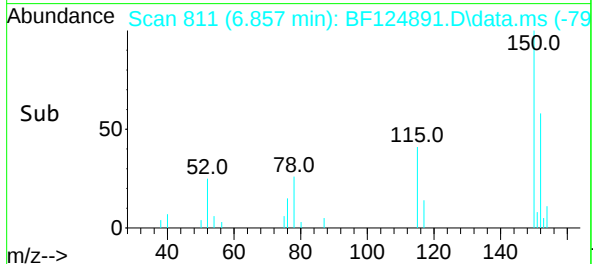
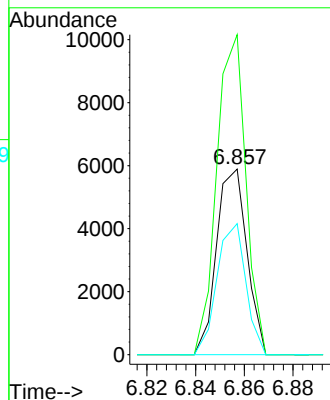
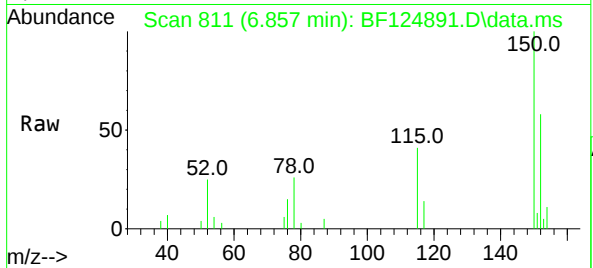




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

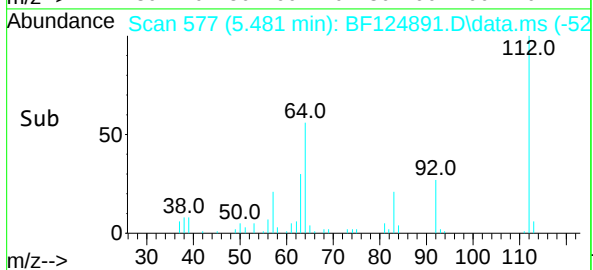
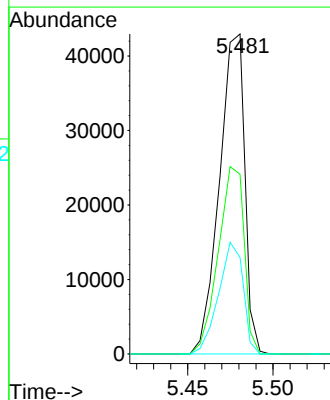
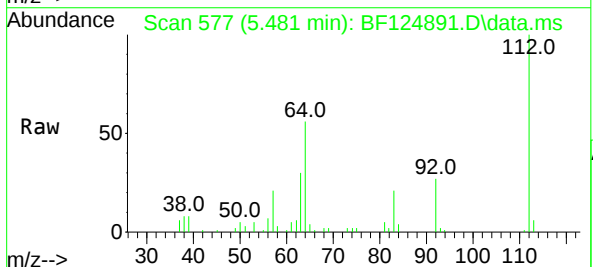
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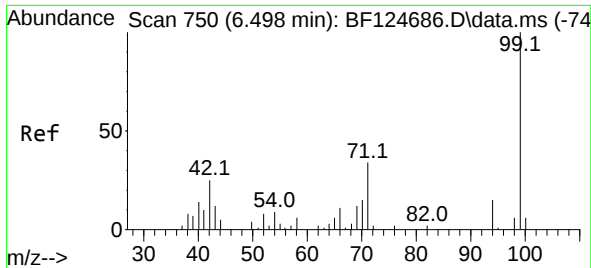
Tgt Ion:152 Resp: 5105
Ion Ratio Lower Upper
152 100
150 172.3 117.6 176.4
115 70.5 47.1 70.7



#5
2-Fluorophenol
Concen: 147.797 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion:112 Resp: 44562
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 30.1 26.2 39.2

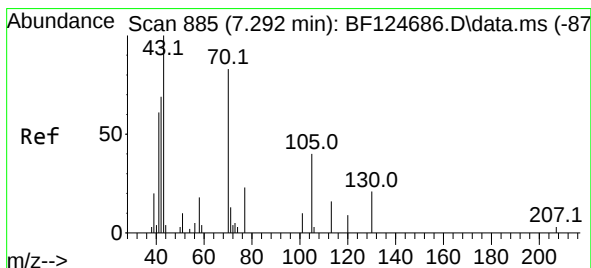
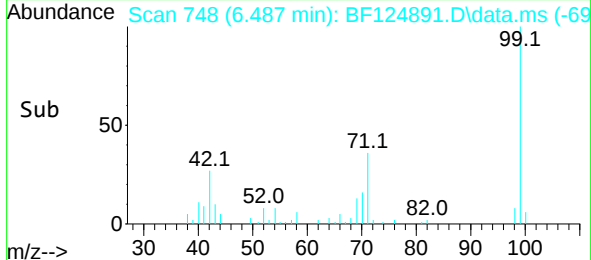
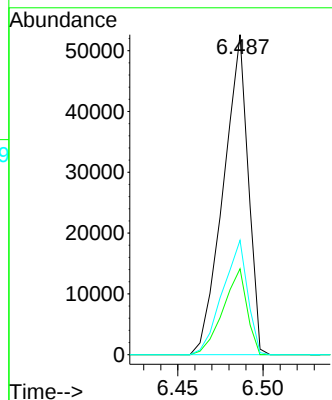
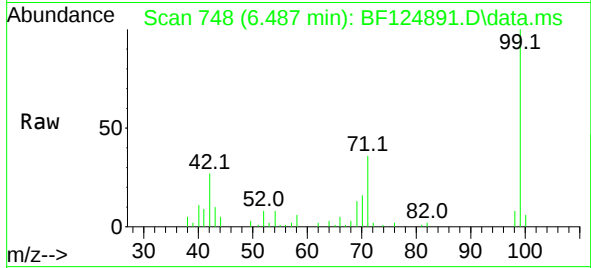




#7
Phenol-d6
Concen: 140.908 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

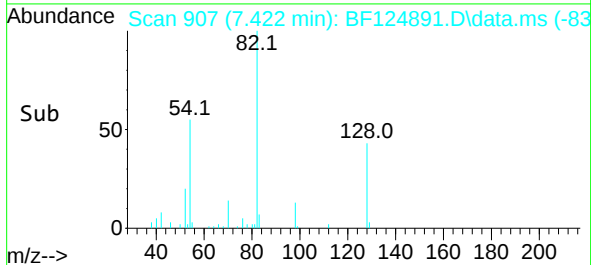
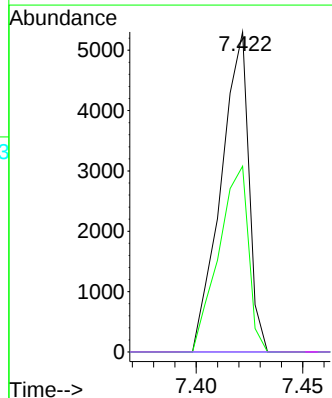
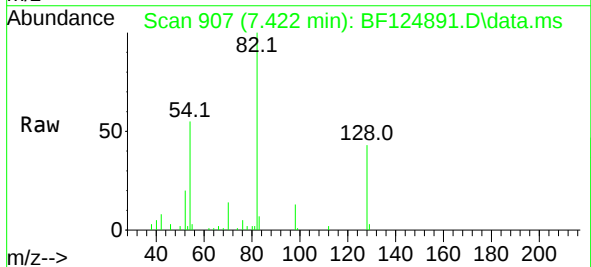
Instrument :
BNA_F
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BACKFILL-ASHCROFT-REAR-10

Tgt Ion:	99	Resp:	53261
Ion	Ratio	Lower	Upper
99	100		
42	26.9	23.5	35.3
71	35.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.875 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion:	70	Resp:	4819
Ion	Ratio	Lower	Upper
70	100		
42	58.0	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

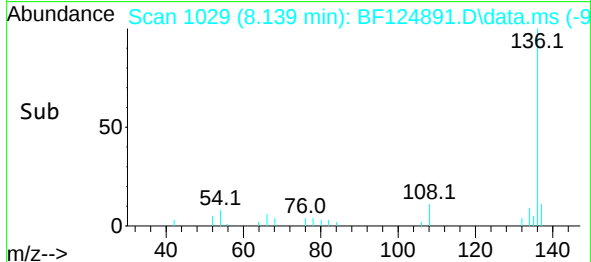
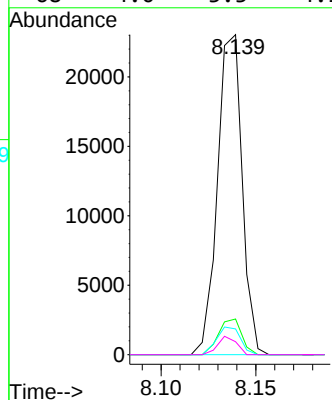
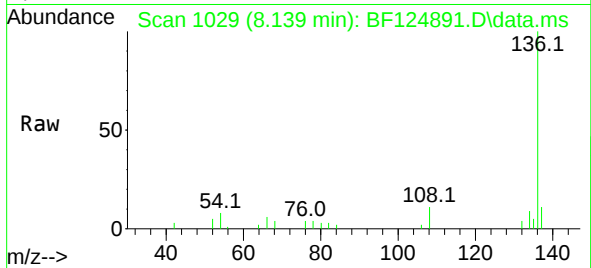




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

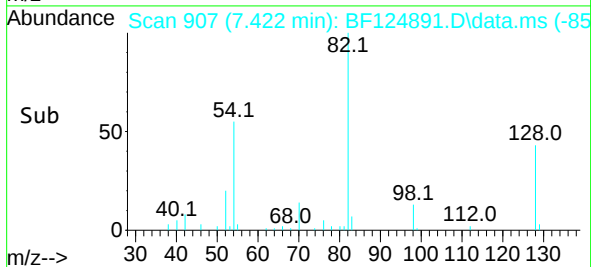
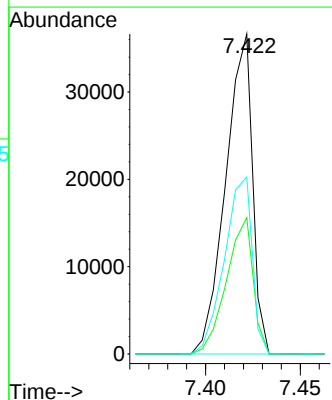
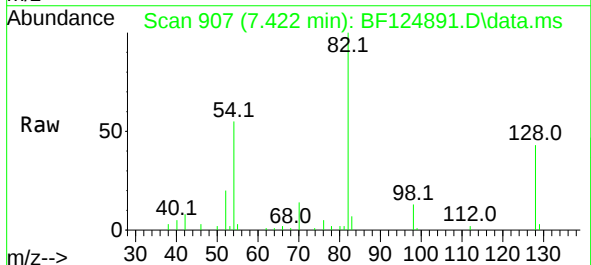
Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-10

Tgt Ion:136 Resp: 20897
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 8.1 6.4 9.6
68 4.0 3.3 4.9



#23
Nitrobenzene-d5
Concen: 102.416 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion: 82 Resp: 35959
Ion Ratio Lower Upper
82 100
128 42.6 40.6 60.8
54 55.3 49.6 74.4

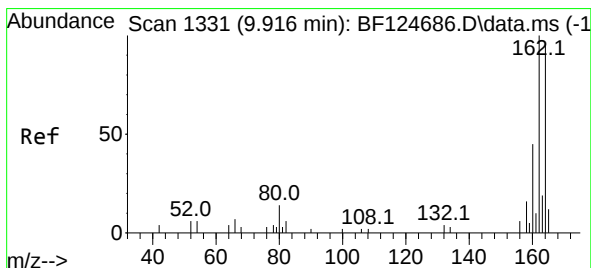
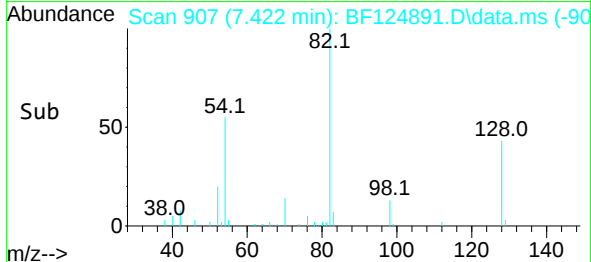
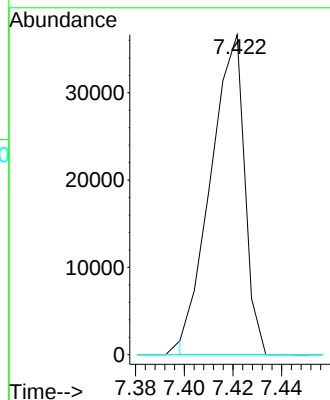
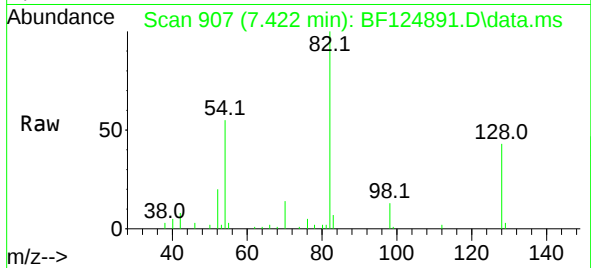




#25
Isophorone
Concen: 57.012 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

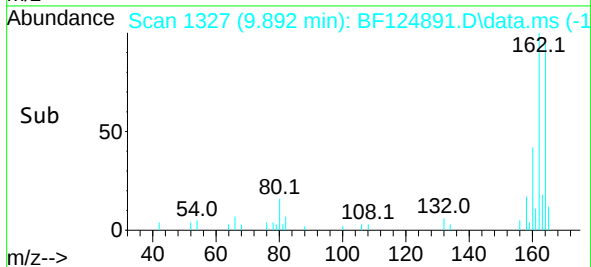
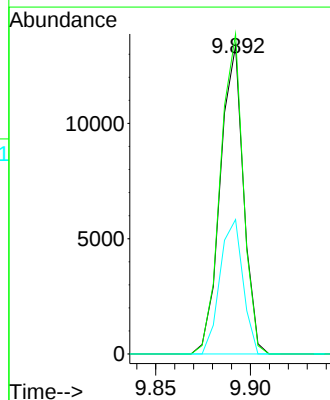
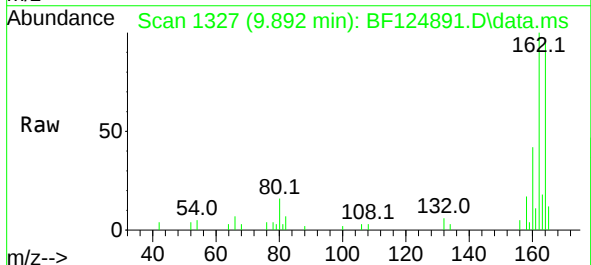
Instrument :
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ClientSampleId :
BACKFILL-ASHCROFT-REAR-10

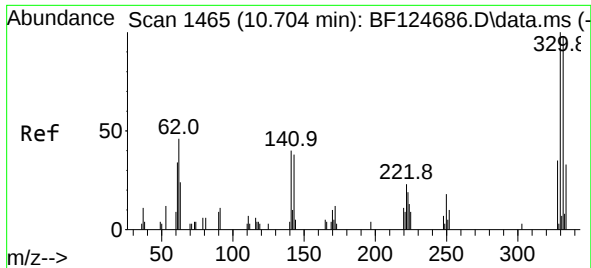
Tgt Ion: 82 Resp: 35395
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion: 164 Resp: 11388
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 43.6 38.0 57.0

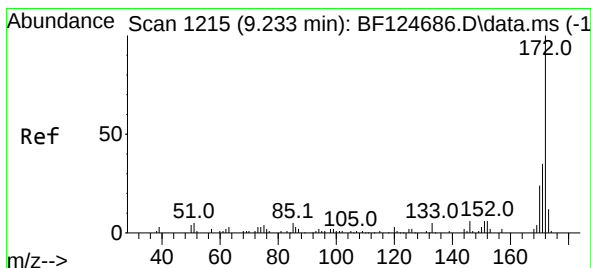
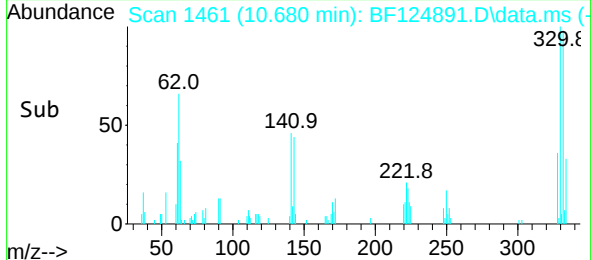
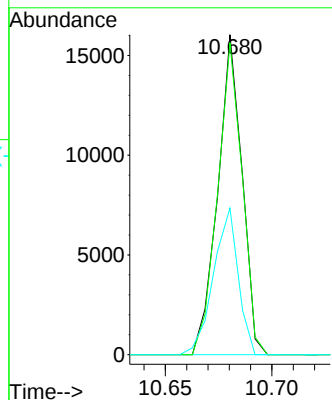
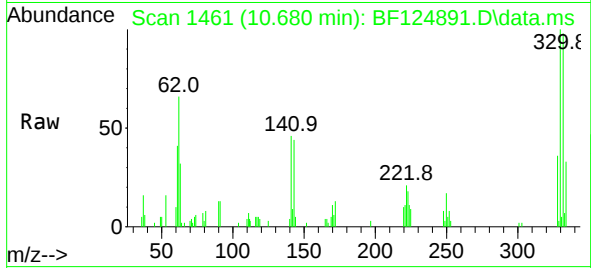




#42
2,4,6-Tribromophenol
Concen: 129.744 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

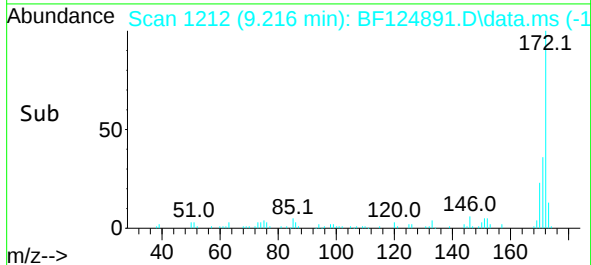
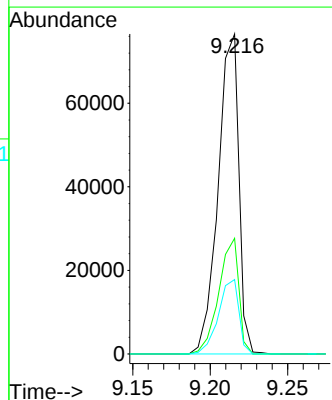
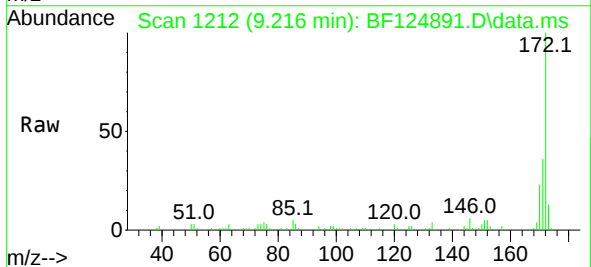
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ClientSampleId :
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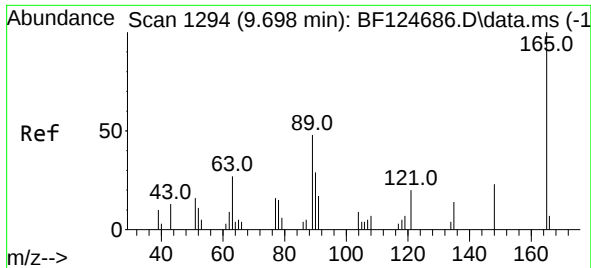
Tgt Ion: 330 Resp: 12686
Ion Ratio Lower Upper
330 100
332 98.5 76.2 114.4
141 46.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 91.748 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion: 172 Resp: 71137
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.2 18.8 28.2

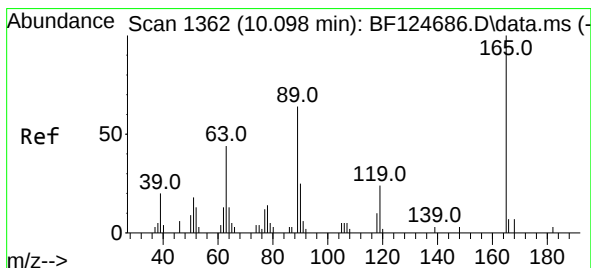
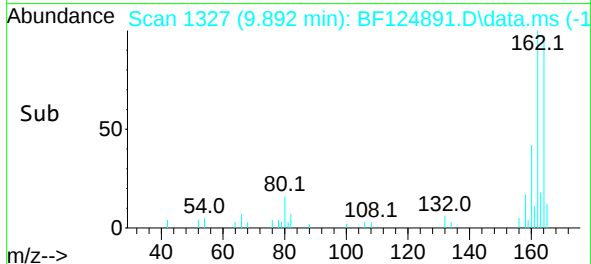
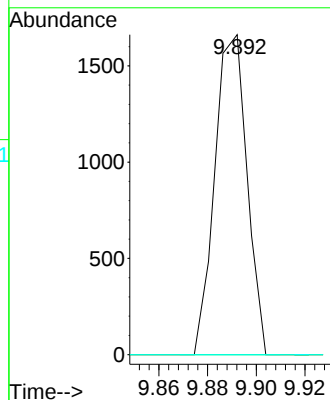
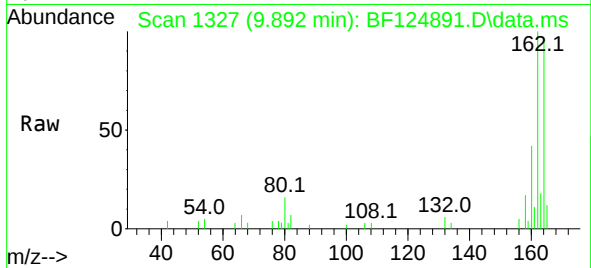




#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

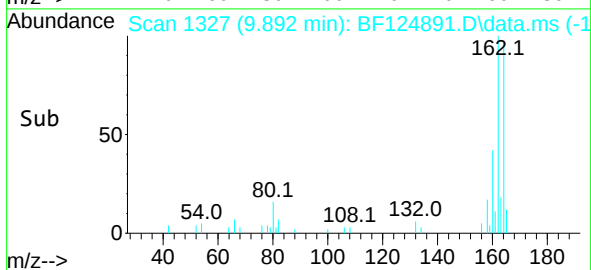
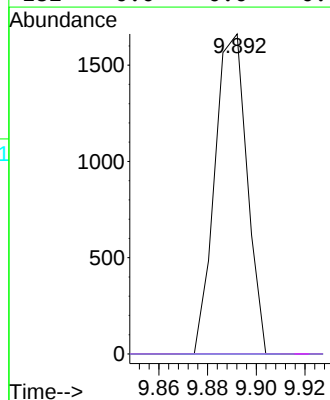
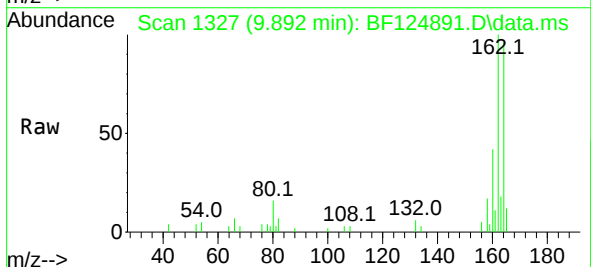
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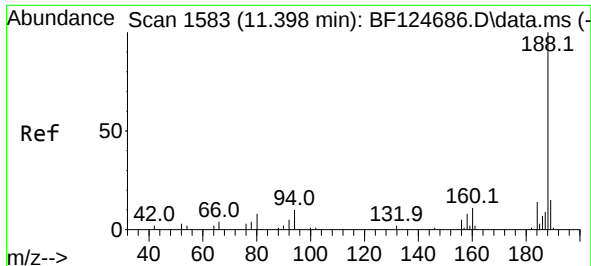
Tgt Ion:165 Resp: 1528
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion:165 Resp: 1528
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

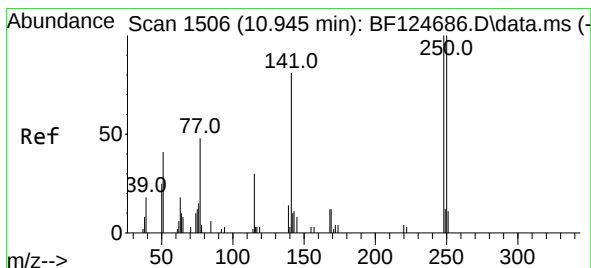
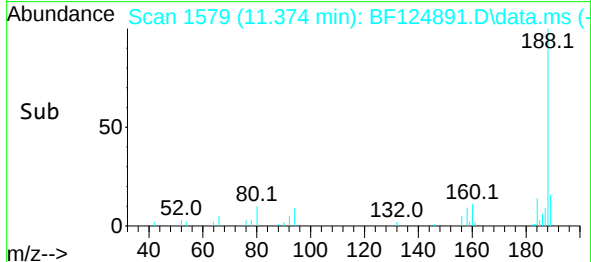
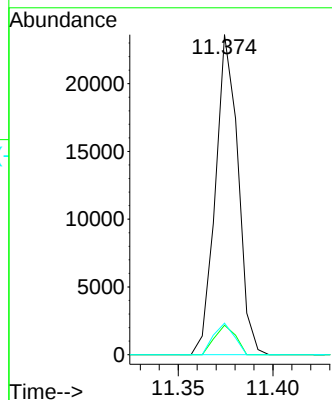
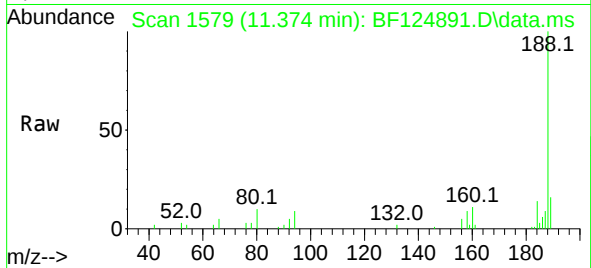




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

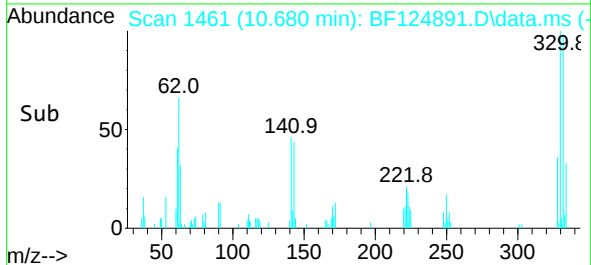
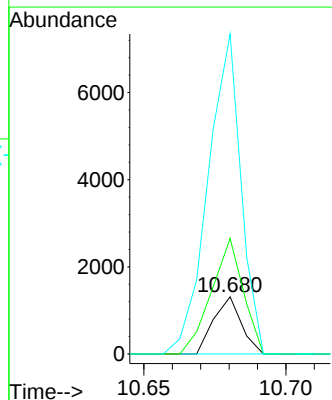
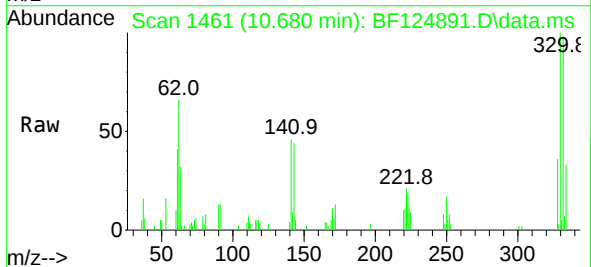
Instrument :
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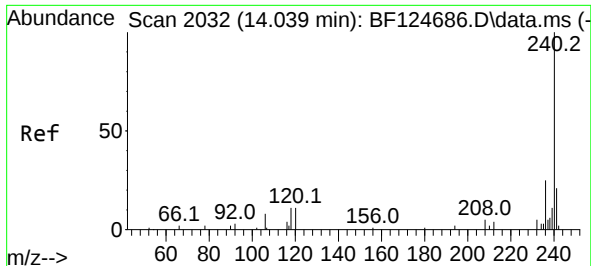
Tgt Ion:188 Resp: 19606
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.280 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

Tgt Ion:248 Resp: 890
Ion Ratio Lower Upper
248 100
250 202.1 74.2 111.4#
141 559.4 60.4 90.6#

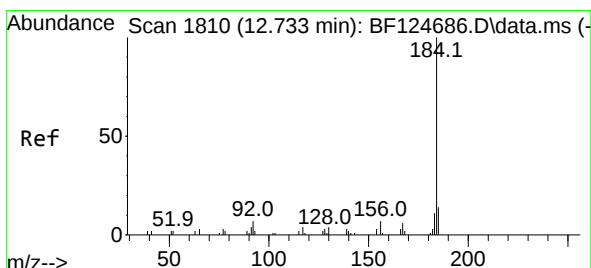
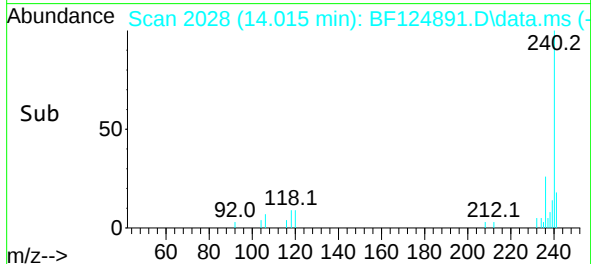
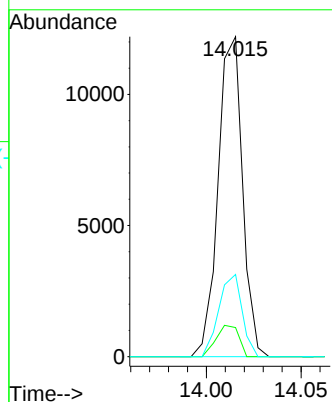
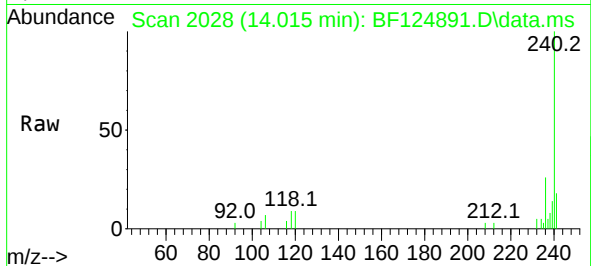




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

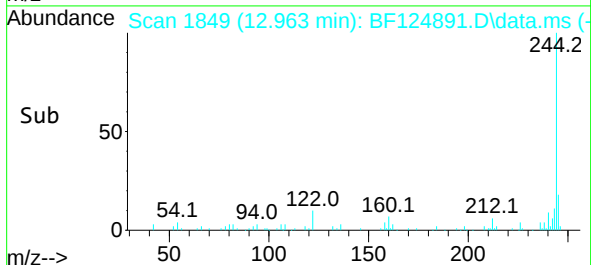
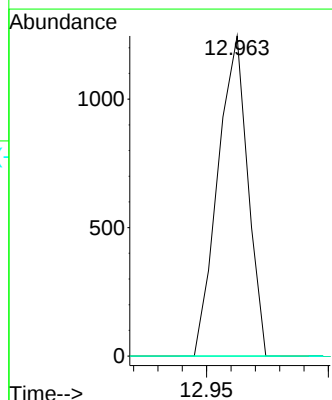
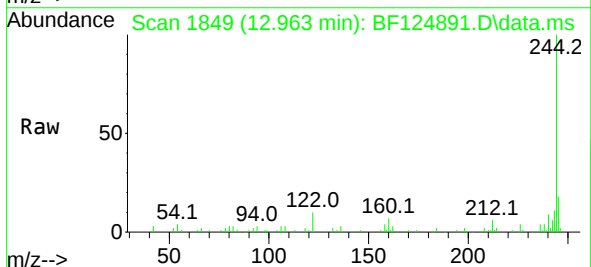
Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-10

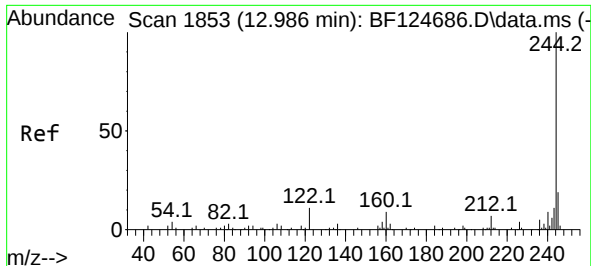
Tgt Ion:240	Resp:	10934
Ion Ratio	Lower	Upper
240	100	
120	9.1	10.8 16.2#
236	25.7	21.6 32.4



#77
Benzidine
Concen: 3.444 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.247 min
Lab File: BF124891.D
Acq: 31 Jul 2021 14:19

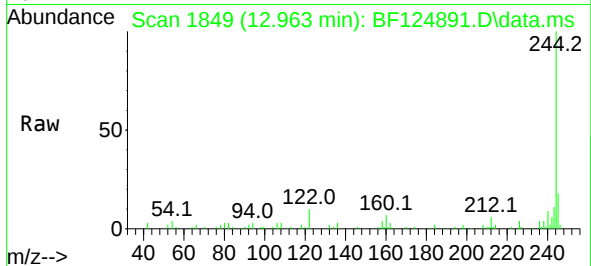
Tgt Ion:184	Resp:	1062
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#



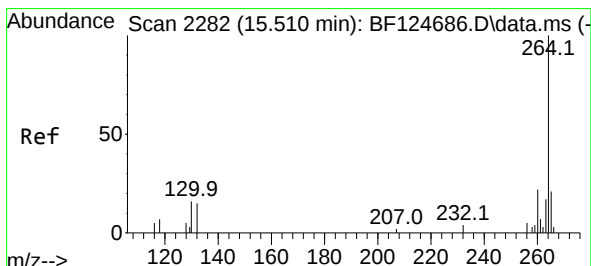
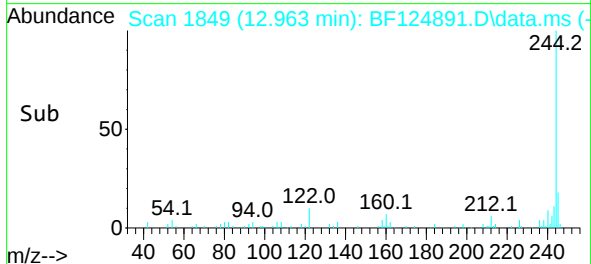
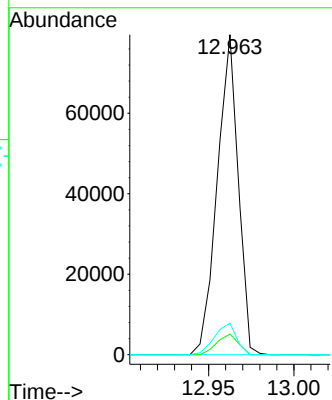


#79
 Terphenyl-d14
 Concen: 106.709 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF124891.D
 Acq: 31 Jul 2021 14:19

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-10



Tgt Ion:244 Resp: 68066
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 9.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF124891.D
 Acq: 31 Jul 2021 14:19

Tgt Ion:264 Resp: 10306
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.6 29.4
 265 21.0 17.2 25.8

