

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123665.D
 Acq On : 21 Apr 2021 14:01
 Operator : JU/CG
 Sample : M2076-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-0-2.0

Quant Time: Apr 21 16:11:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

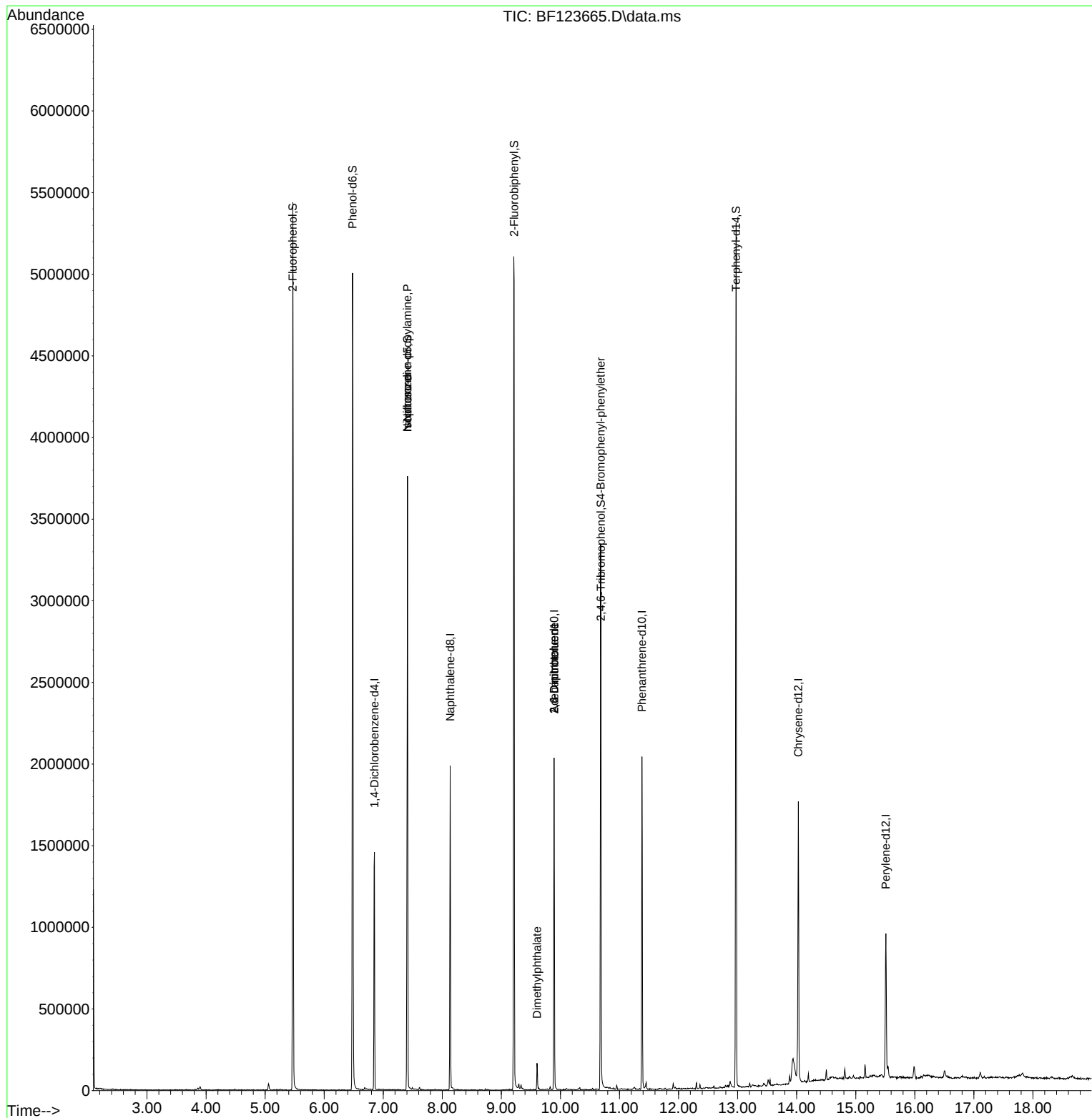
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	199483	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	739778	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	373316	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	702215	20.00	ng	0.00
76) Chrysene-d12	14.027	240	539523	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	415217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1175385	95.23	ng	0.00
7) Phenol-d6	6.481	99	1516643	88.68	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1039021	64.57	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	371034	87.77	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1572372	62.79	ng	0.00
79) Terphenyl-d14	12.974	244	1676068	60.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	134512	11.87	ng	# 78
25) Isophorone	7.410	82	1039003	33.28	ng	# 69
50) Dimethylphthalate	9.604	163	58427	2.27	ng	96
51) 2,6-Dinitrotoluene	9.892	165	47160	8.33	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	47160	6.24	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	21537	2.93	ng	# 1
89) Benzo(k)fluoranthene	15.074	252	6261	Below Cal	#	89
92) Benzo(g,h,i)perylene	17.433	276	2822	Below Cal	#	58

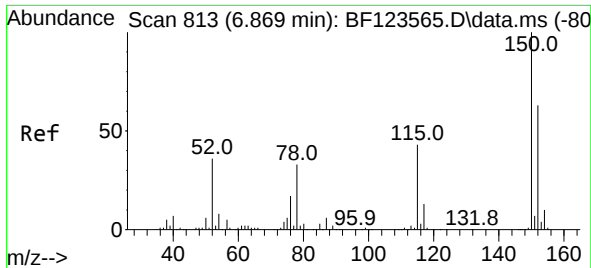
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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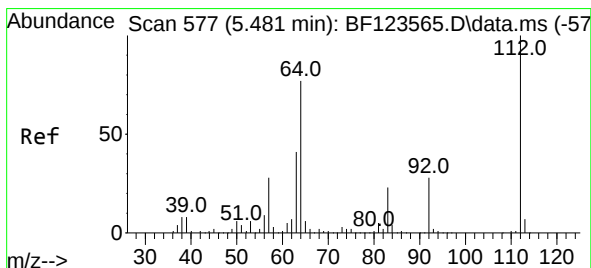
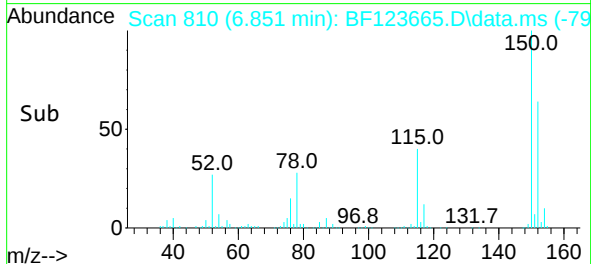
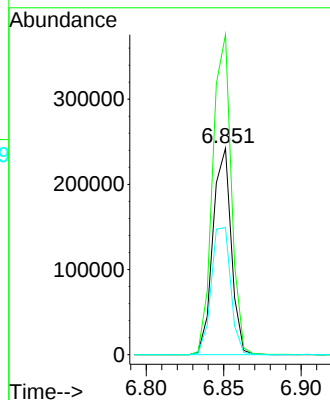
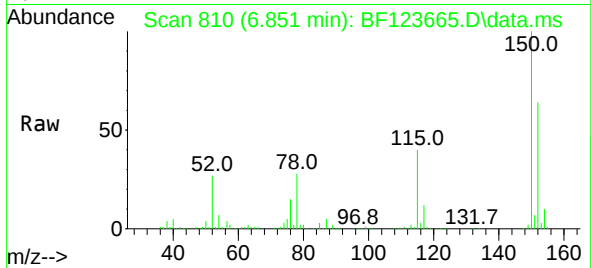




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

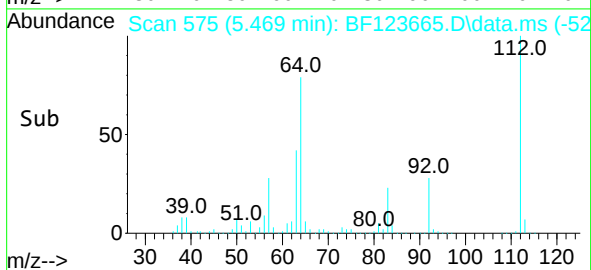
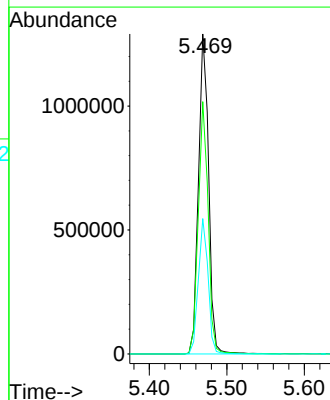
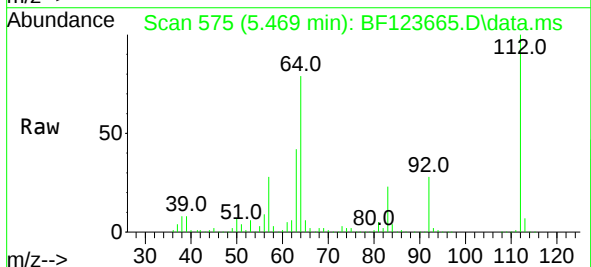
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BNA_F
ClientSampleId :
SB-18-0-2.0

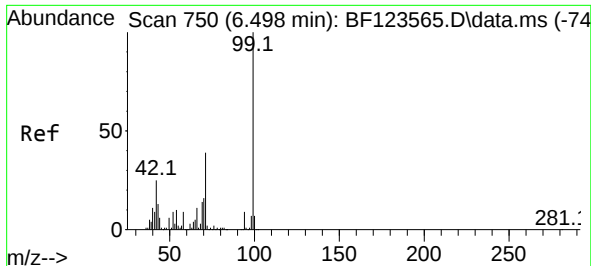
Tgt Ion:152 Resp: 199483
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 61.6 54.3 81.5



#5
2-Fluorophenol
Concen: 95.23 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion:112 Resp: 1175385
Ion Ratio Lower Upper
112 100
64 78.8 61.4 92.0
63 42.3 33.0 49.4

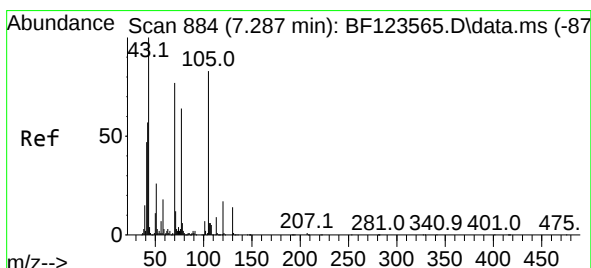
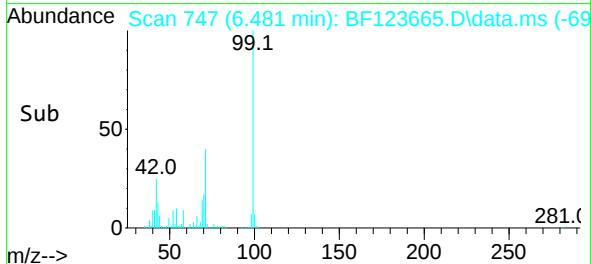
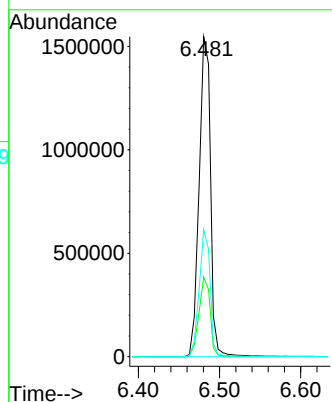
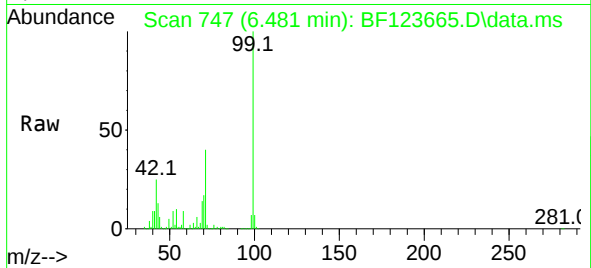




#7
Phenol-d6
Concen: 88.68 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

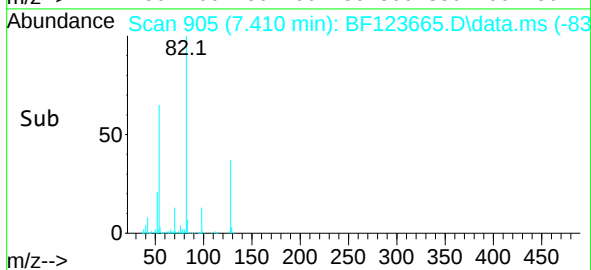
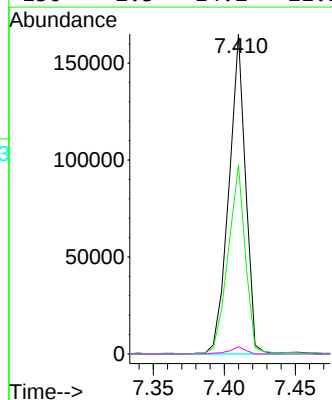
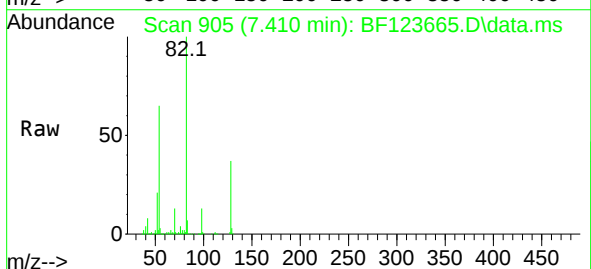
Instrument :
BNA_F
ClientSampleId :
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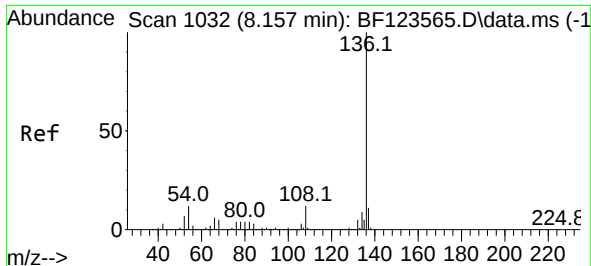
Tgt Ion: 99 Resp: 1516643
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 39.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion: 70 Resp: 134512
Ion Ratio Lower Upper
70 100
42 59.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#

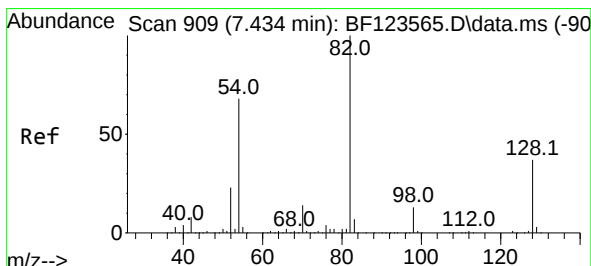
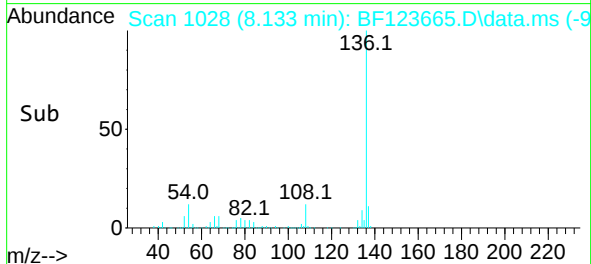
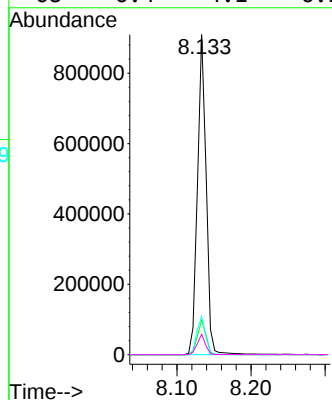
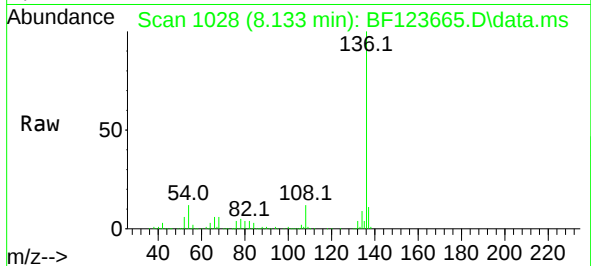




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

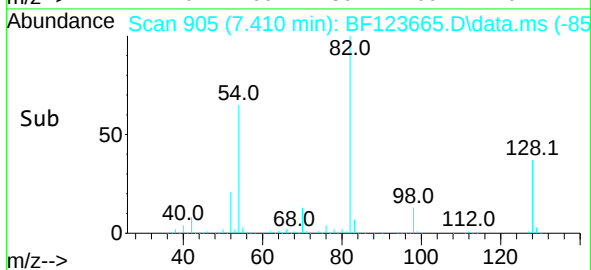
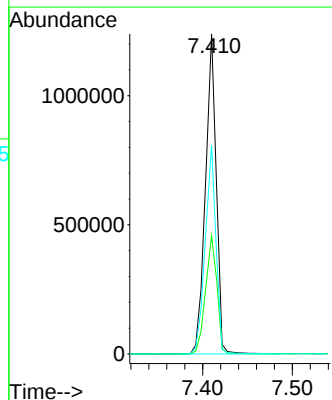
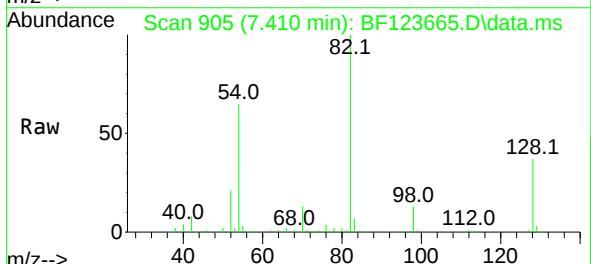
Instrument :
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ClientSampleId :
SB-18-0-2.0

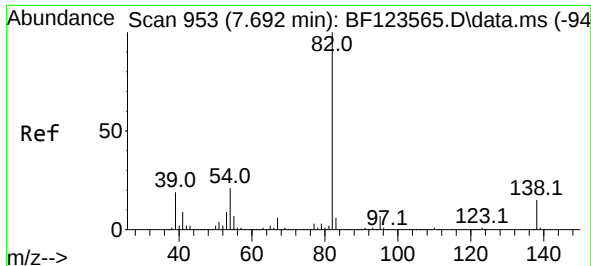
Tgt Ion:	136	Resp:	739778
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.9	9.8	14.6
68	6.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 64.57 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion:	82	Resp:	1039021
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	65.2	54.1	81.1

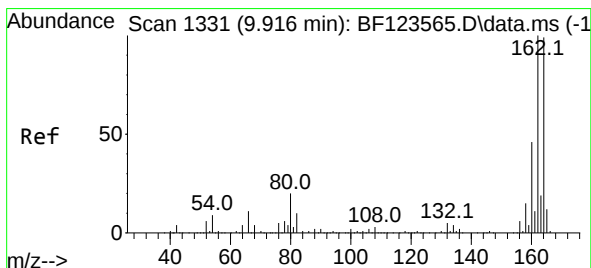
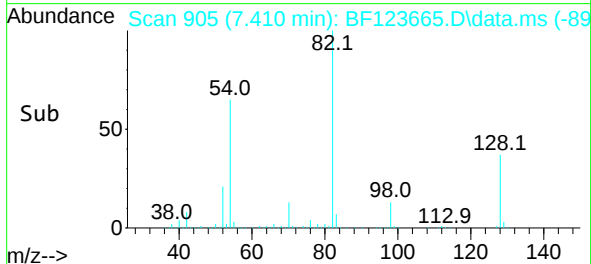
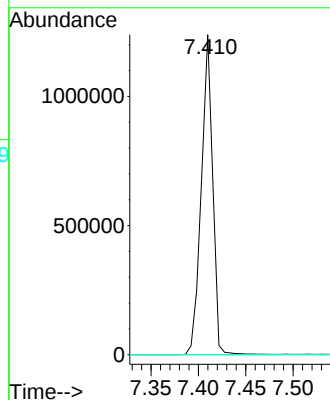
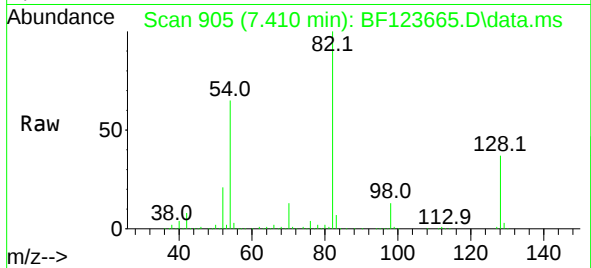




#25
Isophorone
Concen: 33.28 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

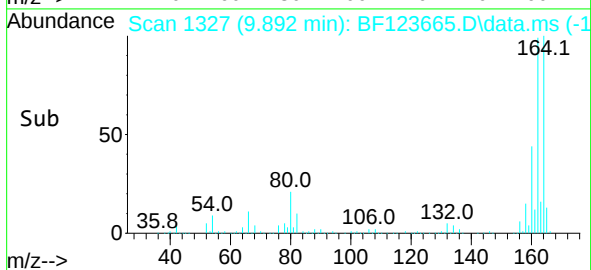
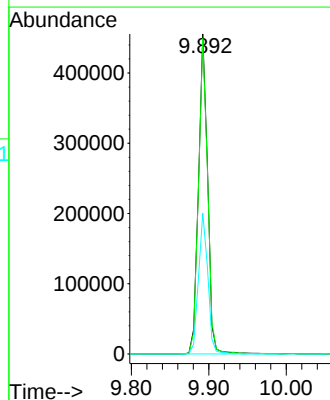
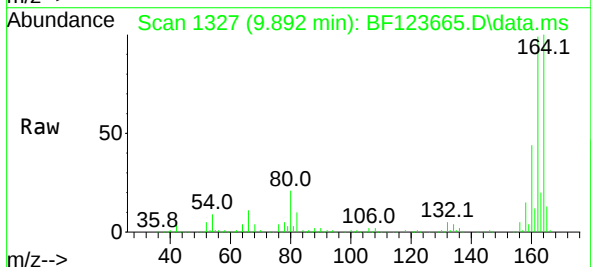
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ClientSampleId :
SB-18-0-2.0

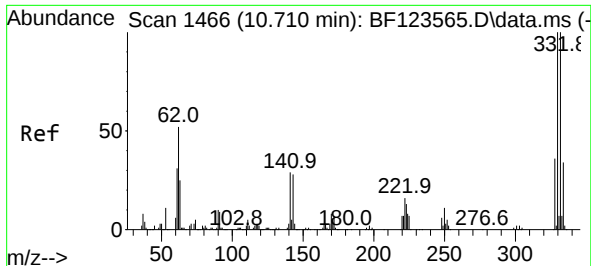
Tgt Ion: 82 Resp: 1039003
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion: 164 Resp: 373316
Ion Ratio Lower Upper
164 100
162 98.6 80.7 121.1
160 44.1 37.3 55.9

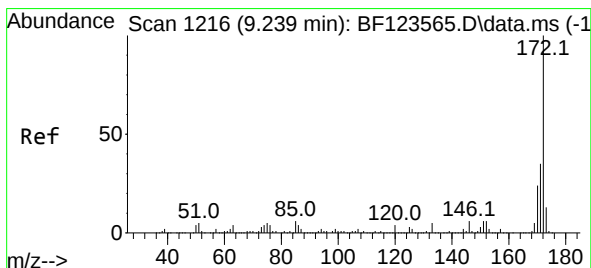
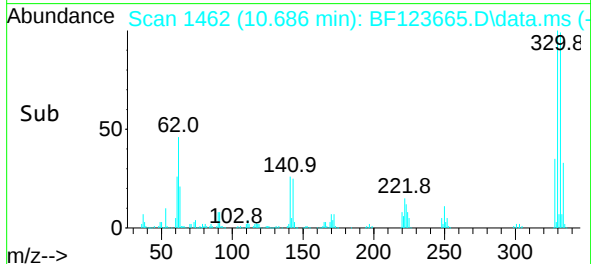
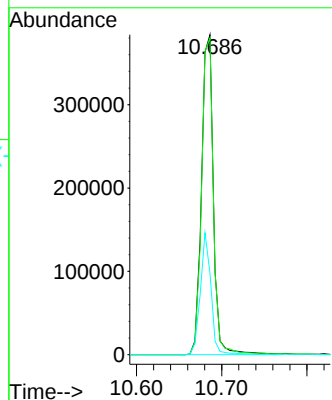
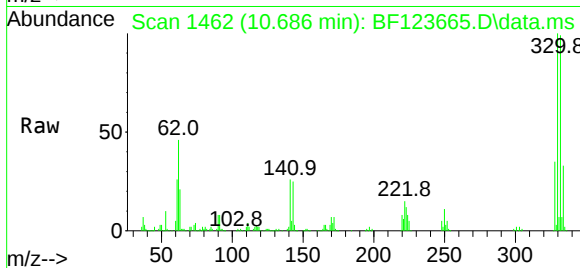




#42
2,4,6-Tribromophenol
Concen: 87.77 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

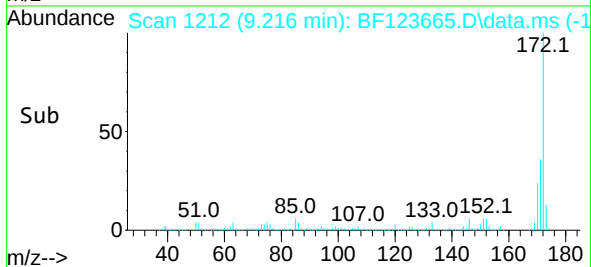
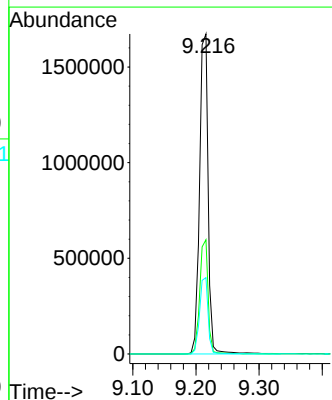
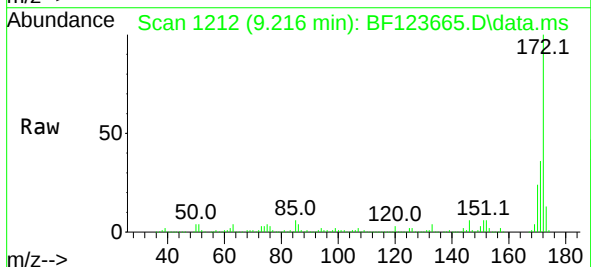
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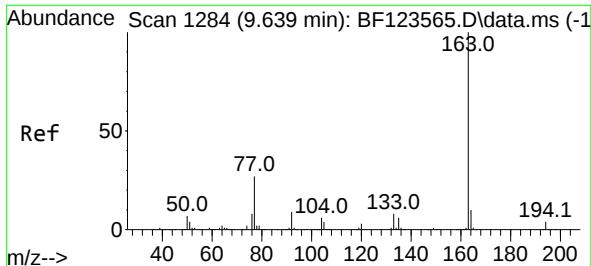
Tgt Ion: 330 Resp: 371034
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 34.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.79 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion: 172 Resp: 1572372
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 19.2 28.8

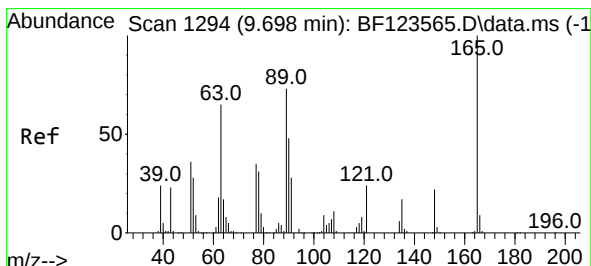
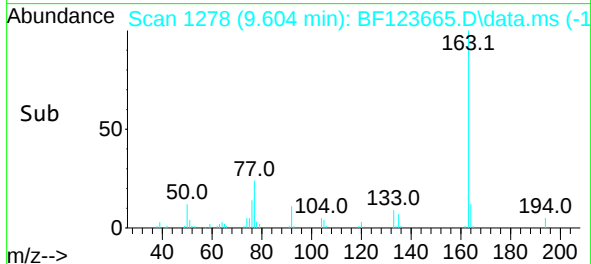
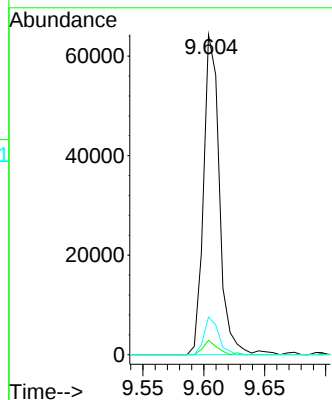
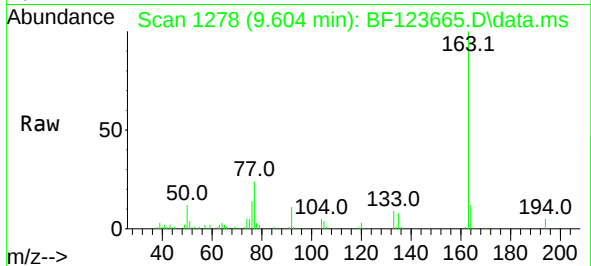




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

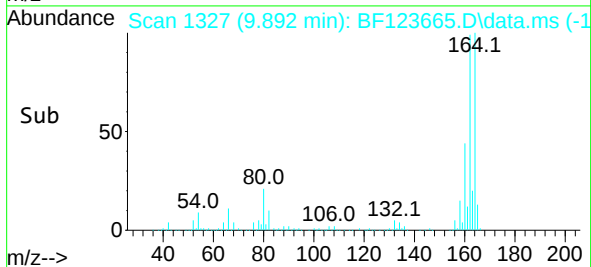
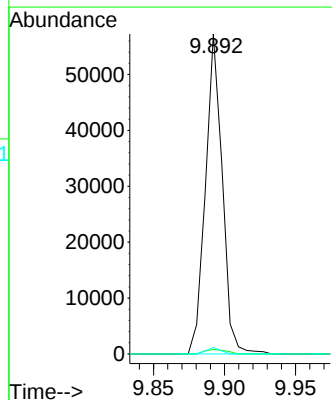
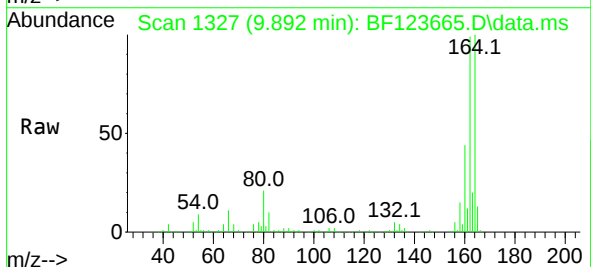
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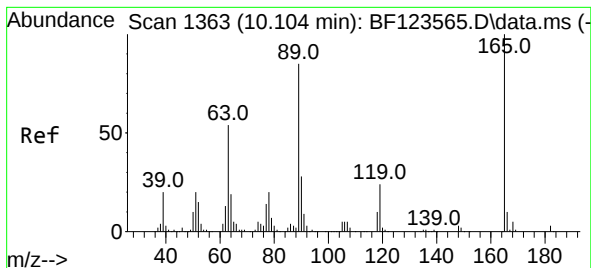
Tgt Ion:163 Resp: 58427
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 11.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion:165 Resp: 47160
Ion Ratio Lower Upper
165 100
63 1.4 67.7 101.5#
89 2.1 58.8 88.2#

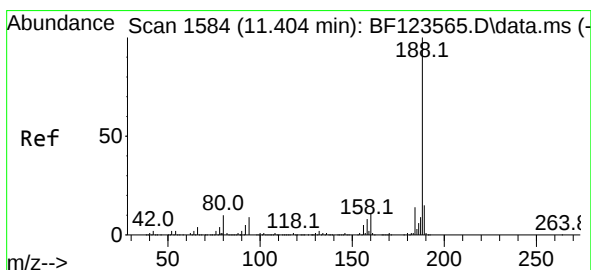
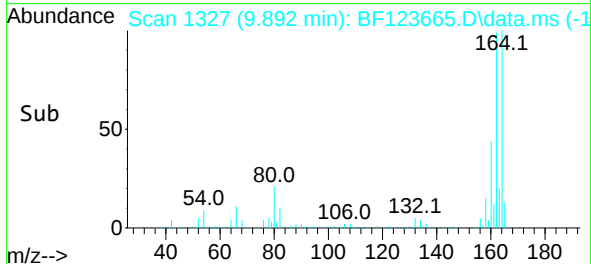
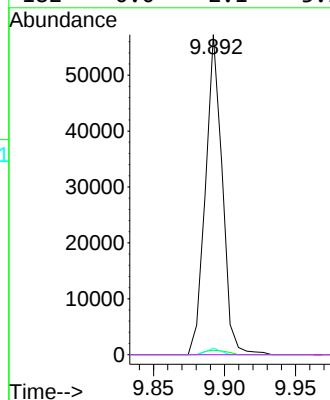
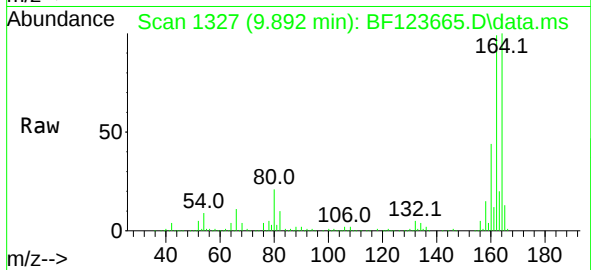




#57
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

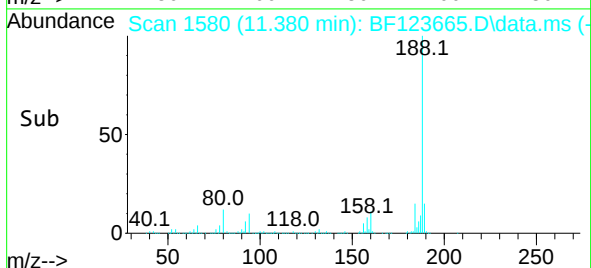
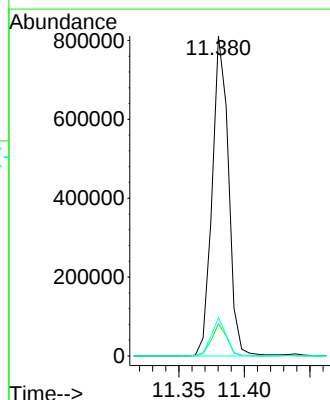
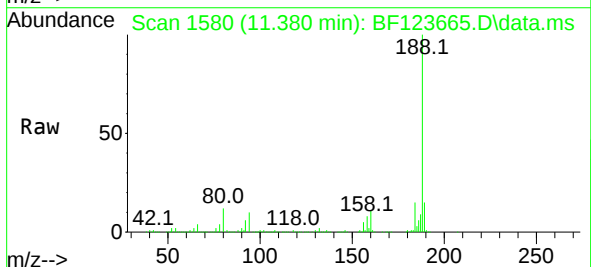
Instrument :
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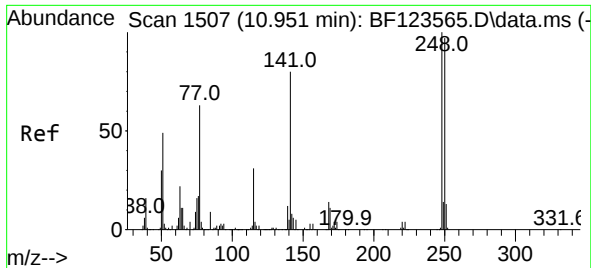
Tgt Ion:165 Resp: 47160
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion:188 Resp: 702215
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 12.0 8.2 12.2

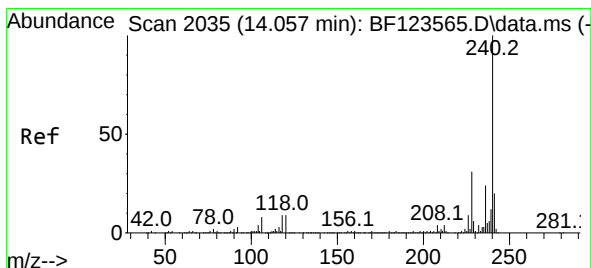
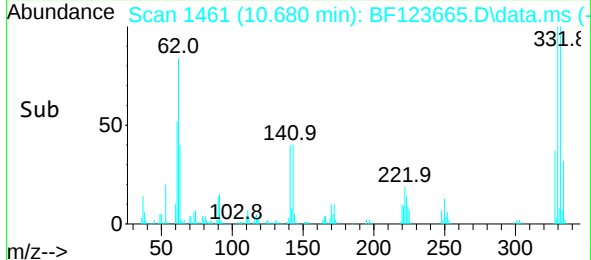
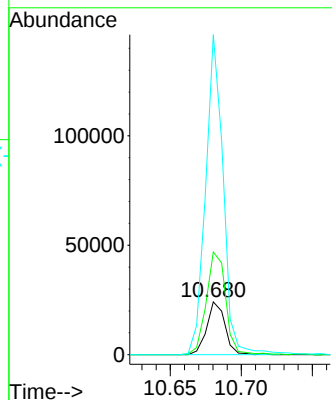
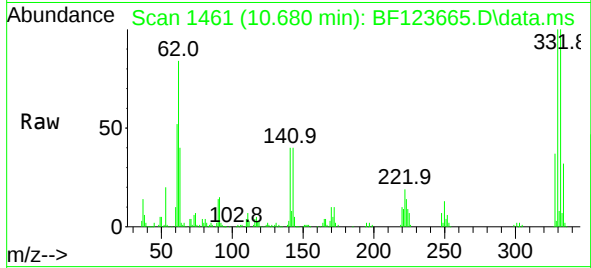




#67
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

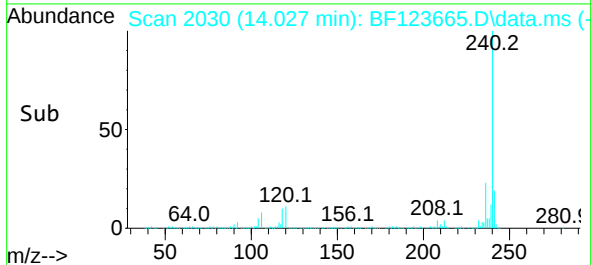
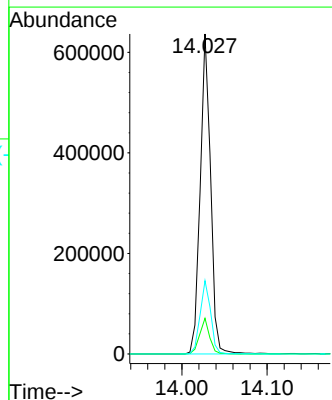
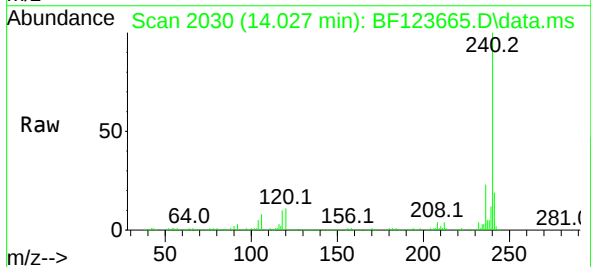
Instrument :
BNA_F
ClientSampleId :
SB-18-0-2.0

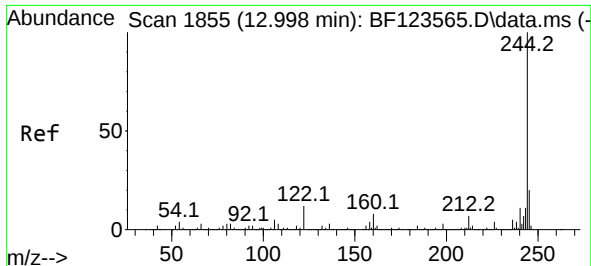
Tgt Ion:248 Resp: 21537
Ion Ratio Lower Upper
248 100
250 194.6 77.4 116.2#
141 606.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion:240 Resp: 539523
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 22.9 19.0 28.4

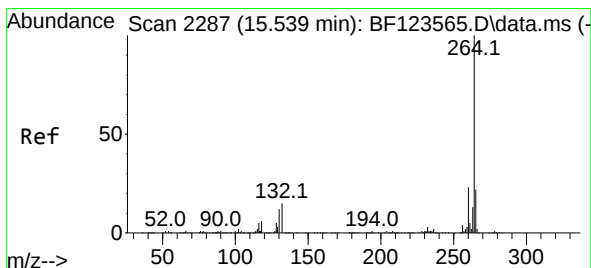
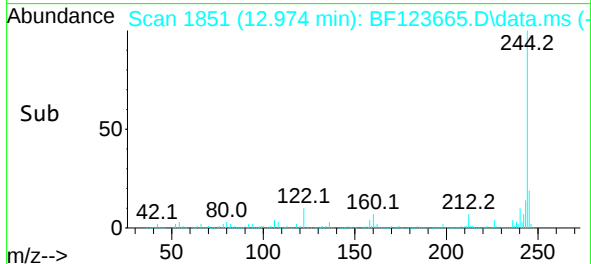
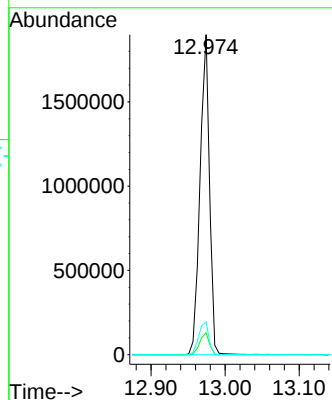
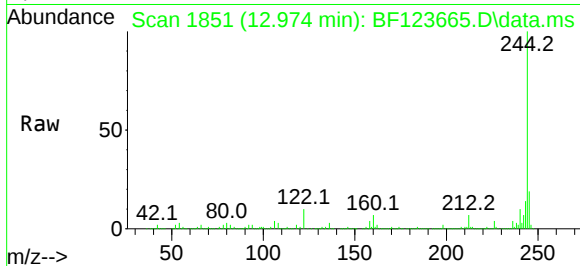




#79
Terphenyl-d14
Concen: 60.38 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Instrument :
BNA_F
ClientSampleId :
SB-18-0-2.0

Tgt Ion:244 Resp: 1676068
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.3 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF123665.D
Acq: 21 Apr 2021 14:01

Tgt Ion:264 Resp: 415217
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 21.3 17.8 26.8

