

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124912.D
 Acq On : 2 Aug 2021 17:30
 Operator : JU/CG
 Sample : M3235-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-457-COMP

Quant Time: Aug 02 18:32:36 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)

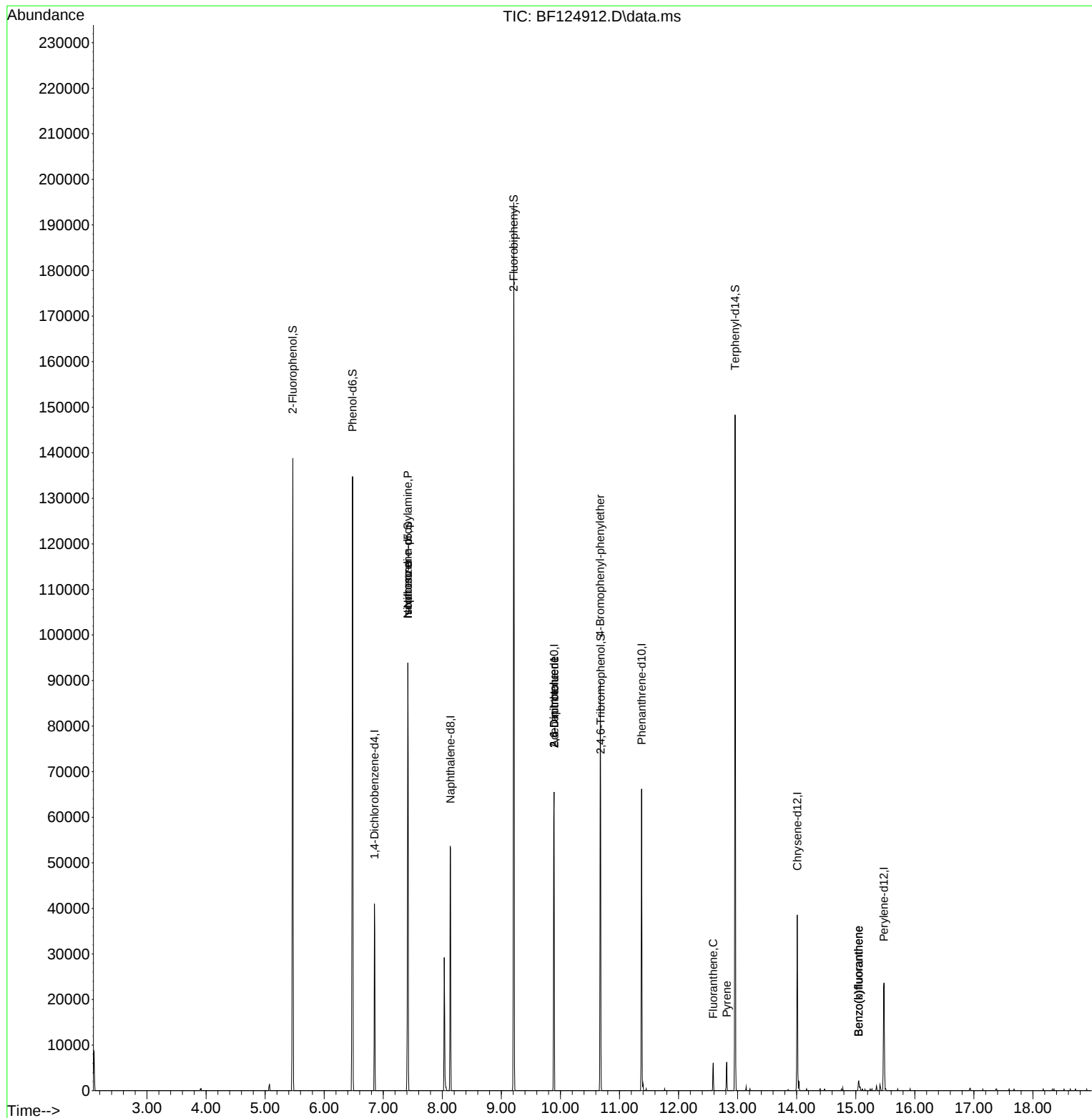
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	6187	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	24884	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	13448	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	22648	20.000	ng	0.00
76) Chrysene-d12	14.010	240	13174	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	12945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	34521	94.472	ng	0.00
7) Phenol-d6	6.481	99	42950	93.757	ng	0.00
23) Nitrobenzene-d5	7.416	82	28320	67.736	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	9166	79.384	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	53979	58.954	ng	0.00
79) Terphenyl-d14	12.957	244	46276	60.212	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	3734	15.265	ng	# 66
25) Isophorone	7.416	82	28319	38.306	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1849	9.038	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1849	6.660	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	596	2.481	ng	# 1
75) Fluoranthene	12.586	202	2920	2.349	ng	96
78) Pyrene	12.816	202	3013	2.889	ng	97
88) Benzo(b)fluoranthene	15.051	252	2709	2.972	ng	# 85
89) Benzo(k)fluoranthene	15.051	252	2709	3.253	ng	# 91

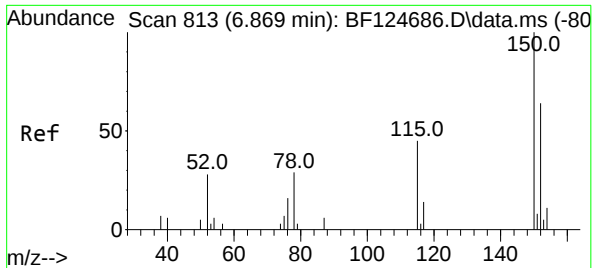
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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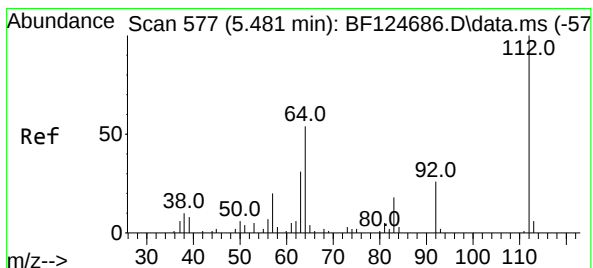
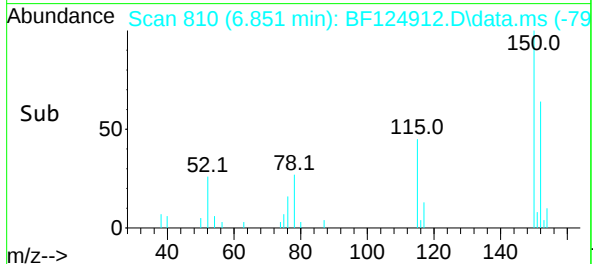
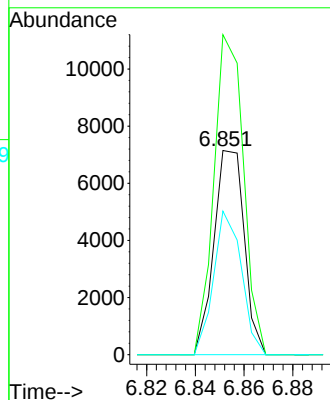
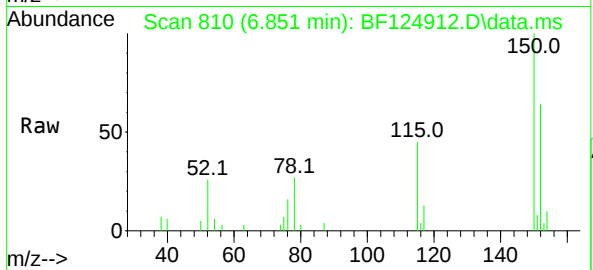




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

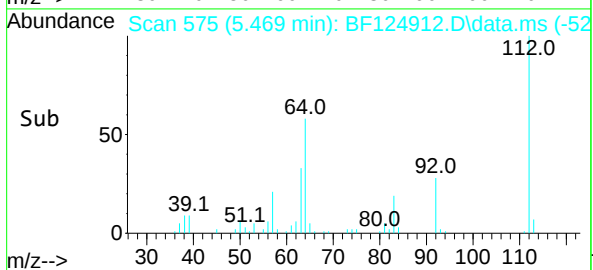
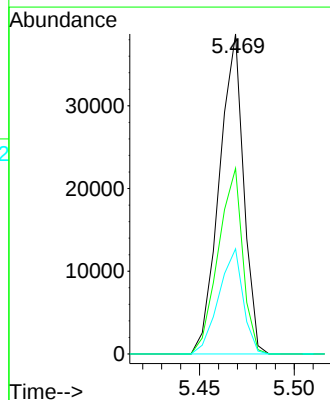
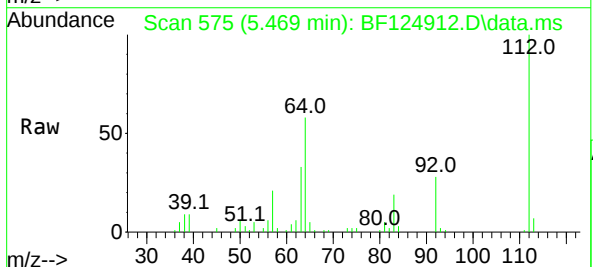
Instrument :
BNA_F
ClientSampleId :
MH-457-COMP

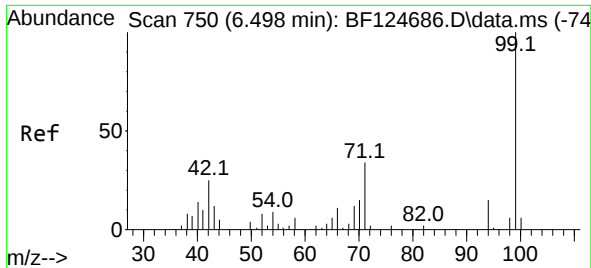
Tgt Ion:152 Resp: 6187
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 70.3 47.1 70.7



#5
2-Fluorophenol
Concen: 94.472 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:112 Resp: 34521
Ion Ratio Lower Upper
112 100
64 58.0 44.2 66.2
63 32.8 26.2 39.2

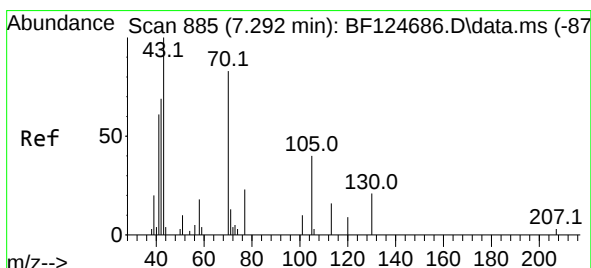
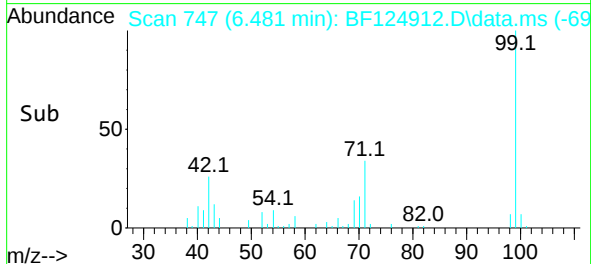
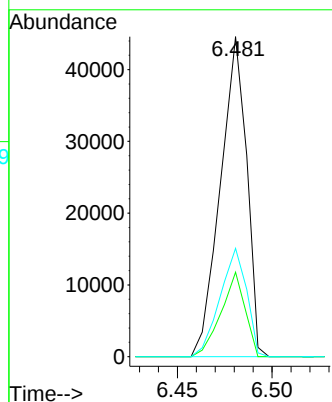
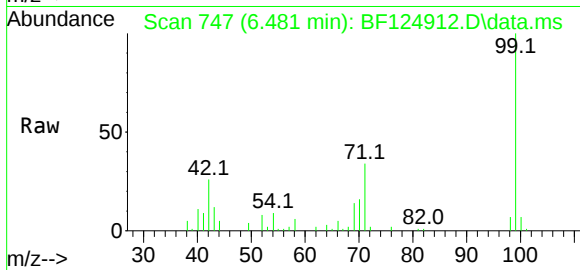




#7
Phenol-d6
Concen: 93.757 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

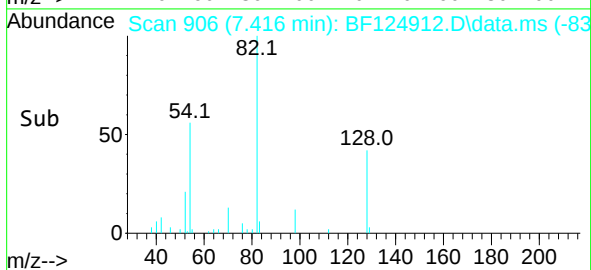
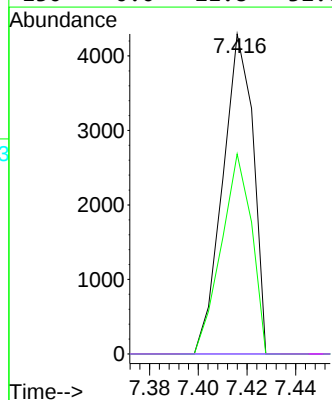
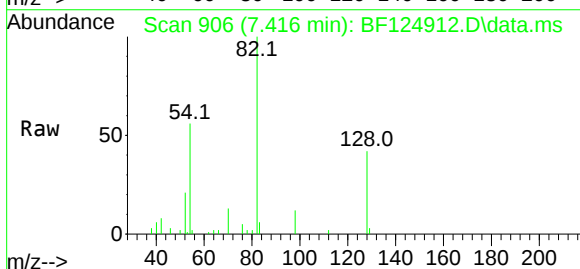
Instrument :
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ClientSampleId :
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Tgt Ion:	99	Resp:	42950
Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.5	35.3
71	33.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.265 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:	70	Resp:	3734
Ion	Ratio	Lower	Upper
70	100		
42	62.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

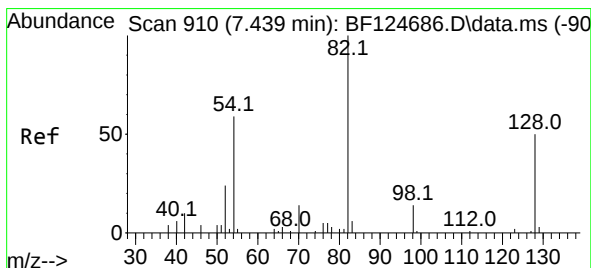
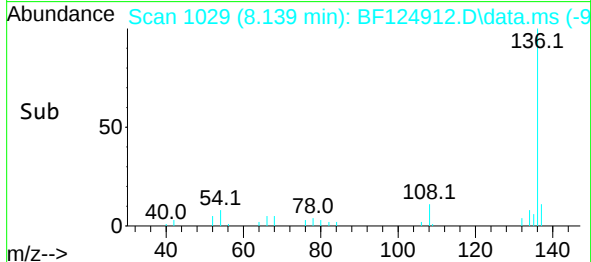
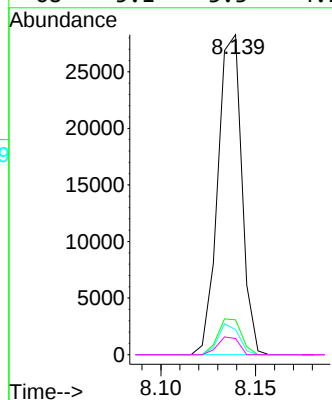
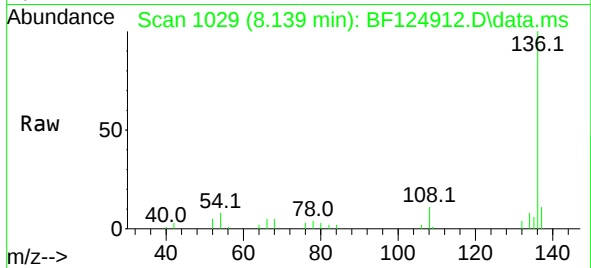




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

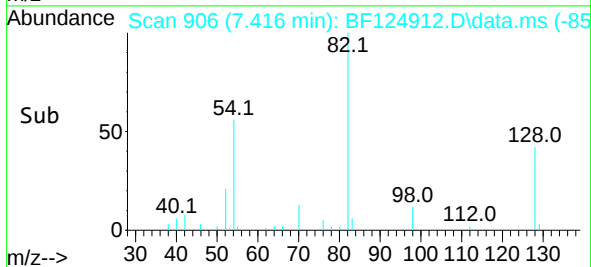
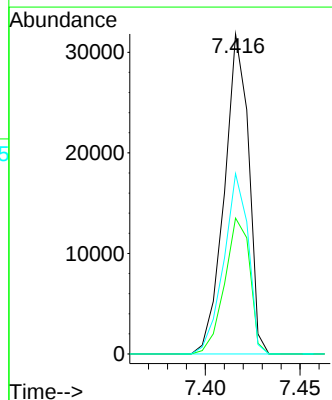
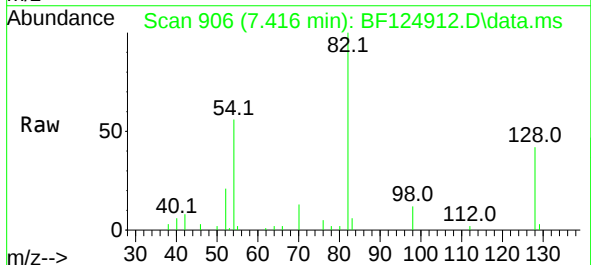
Instrument :
BNA_F
ClientSampleId :
MH-457-COMP

Tgt Ion:136 Resp: 24884
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 7.9 6.4 9.6
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 67.736 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion: 82 Resp: 28320
Ion Ratio Lower Upper
82 100
128 42.4 40.6 60.8
54 56.4 49.6 74.4

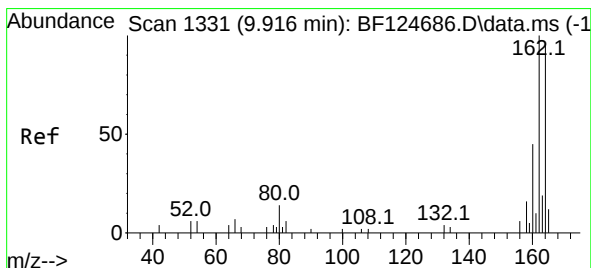
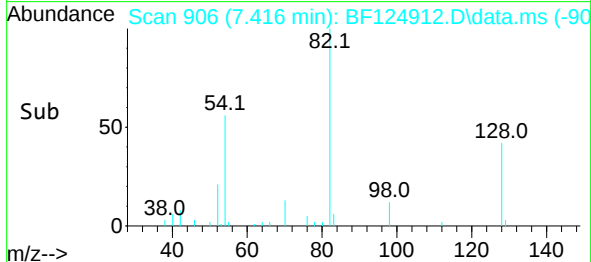
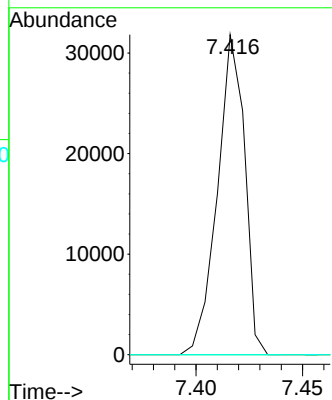
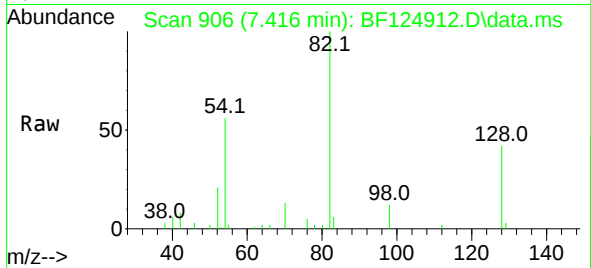




#25
Isophorone
Concen: 38.306 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

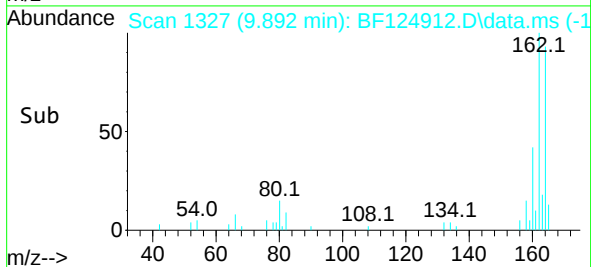
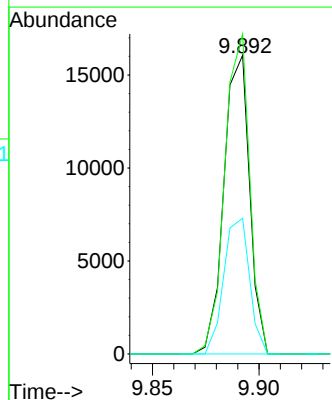
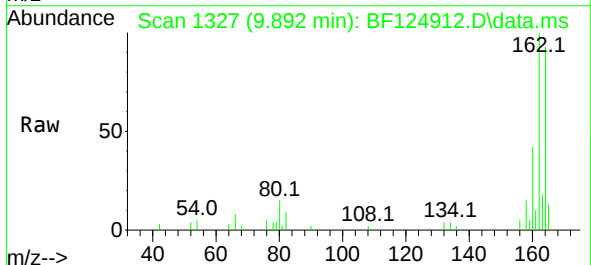
Instrument :
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ClientSampleId :
MH-457-COMP

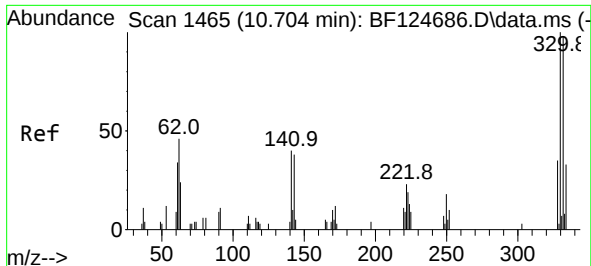
Tgt Ion: 82 Resp: 28319
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:164 Resp: 13448
Ion Ratio Lower Upper
164 100
162 107.1 81.3 121.9
160 45.5 38.0 57.0

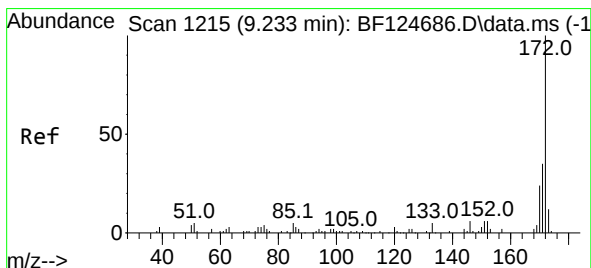
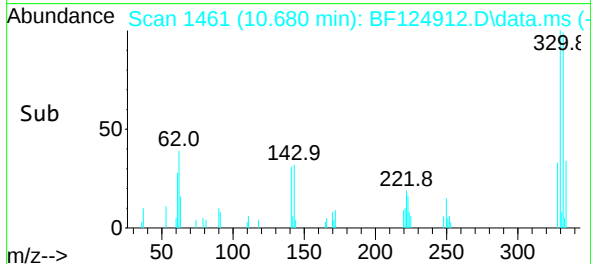
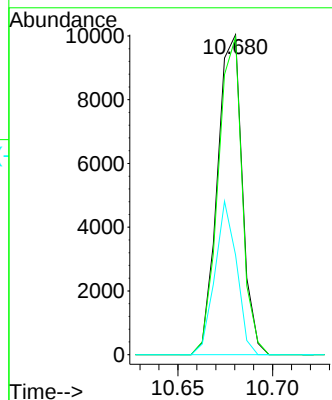
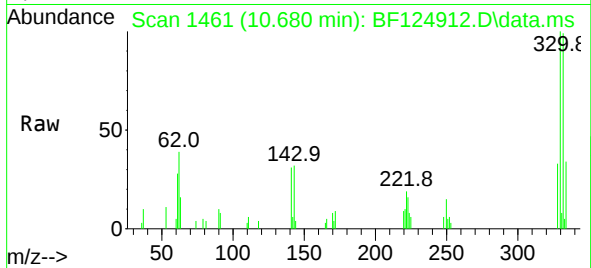




#42
2,4,6-Tribromophenol
Concen: 79.384 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

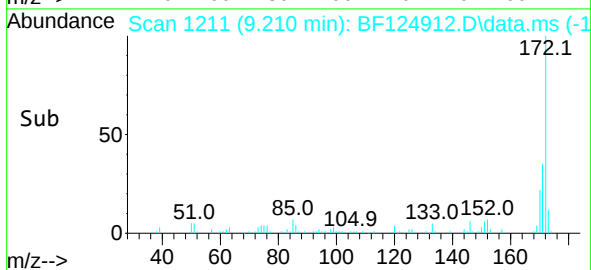
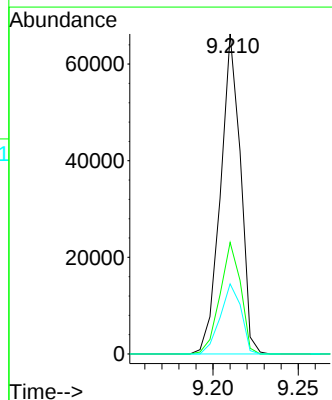
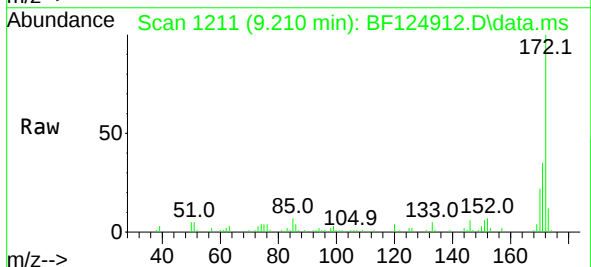
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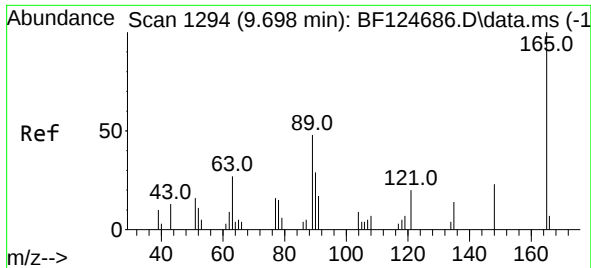
Tgt Ion:330 Resp: 9166
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 42.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.954 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:172 Resp: 53979
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 21.9 18.8 28.2

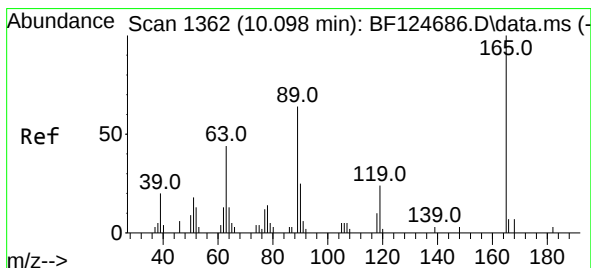
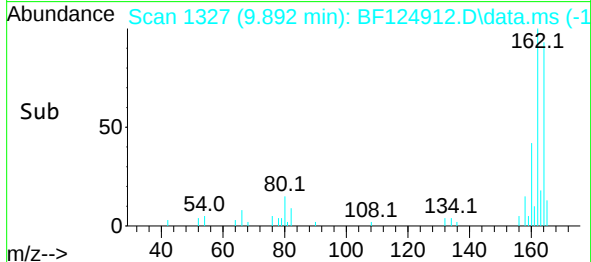
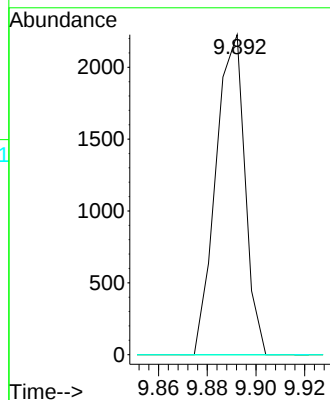
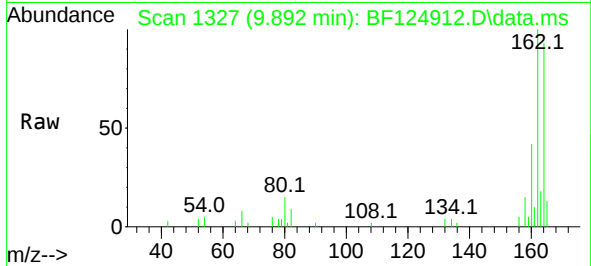




#51
2,6-Dinitrotoluene
Concen: 9.038 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

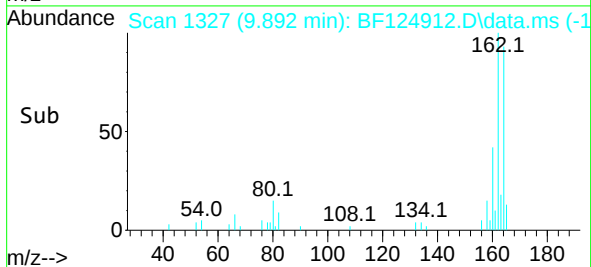
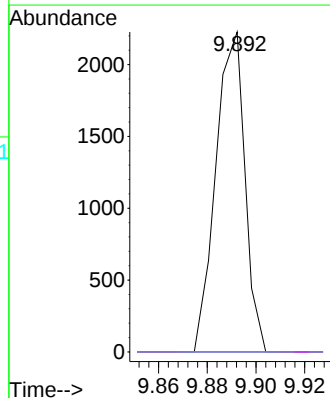
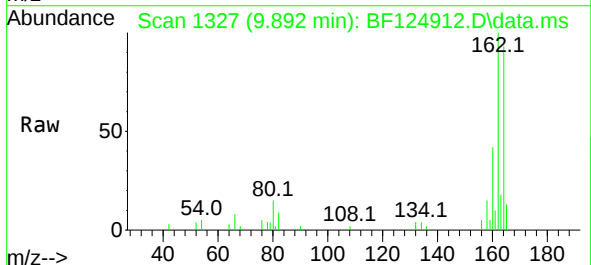
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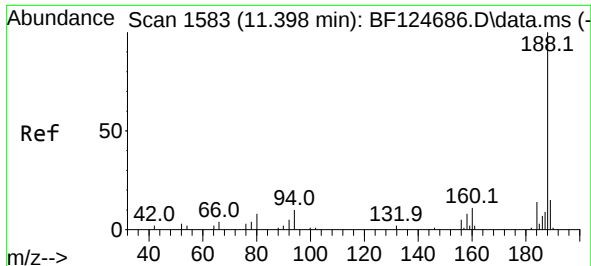
Tgt Ion:165 Resp: 1849
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.660 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:165 Resp: 1849
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

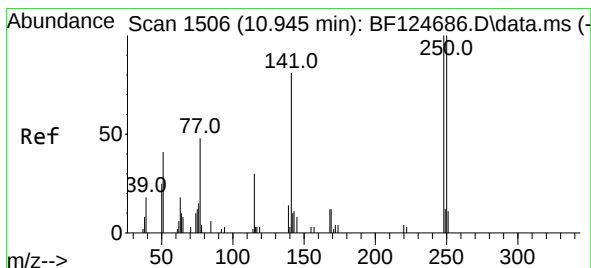
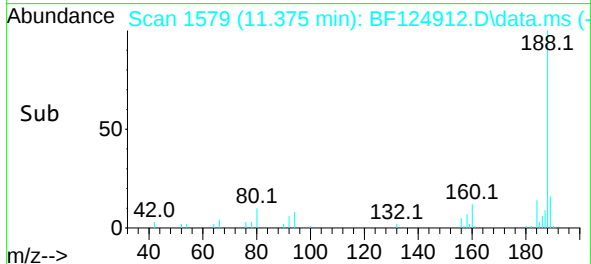
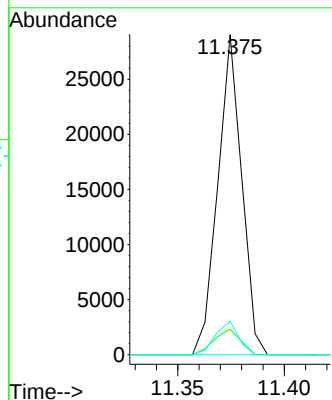
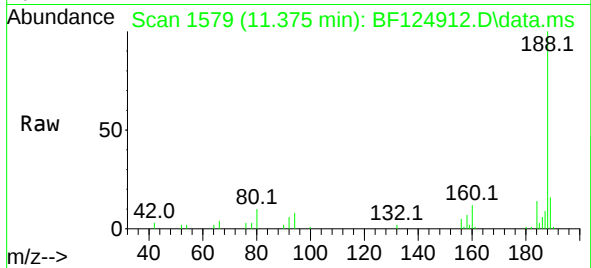




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

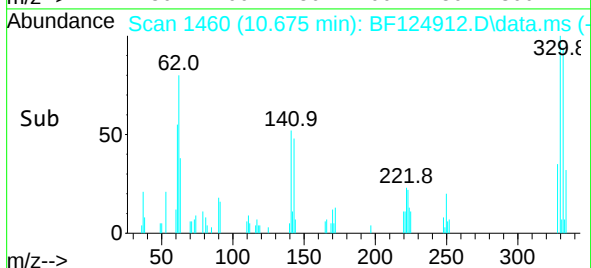
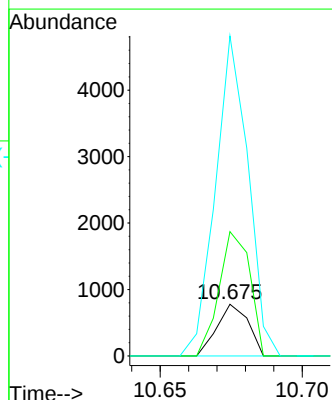
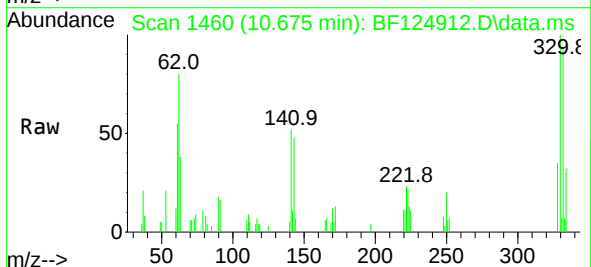
Instrument :
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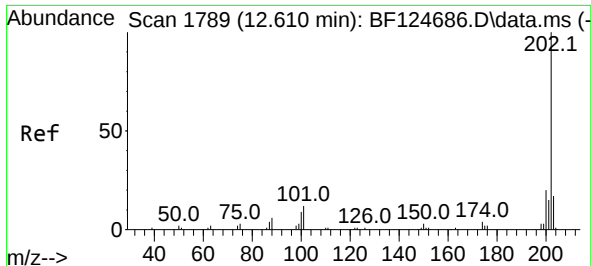
Tgt Ion:188 Resp: 22648
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.481 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:248 Resp: 596
Ion Ratio Lower Upper
248 100
250 312.7 74.2 111.4#
141 618.1 60.4 90.6#

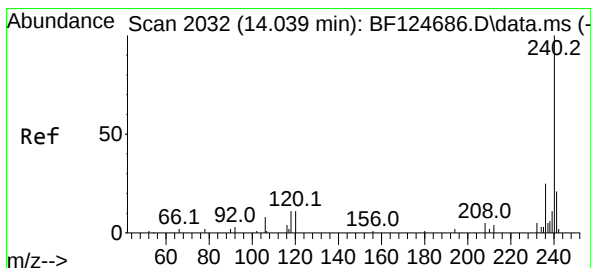
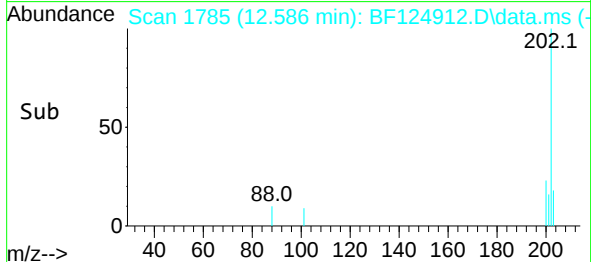
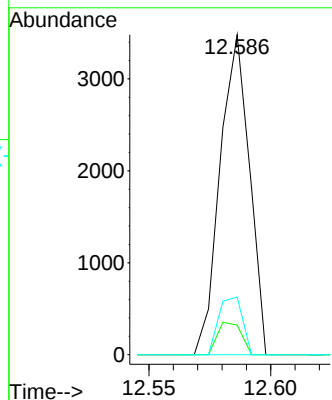
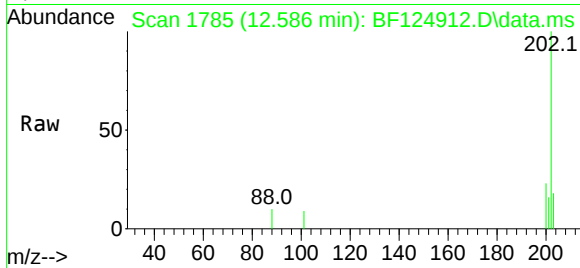




#75
Fluoranthene
Concen: 2.349 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

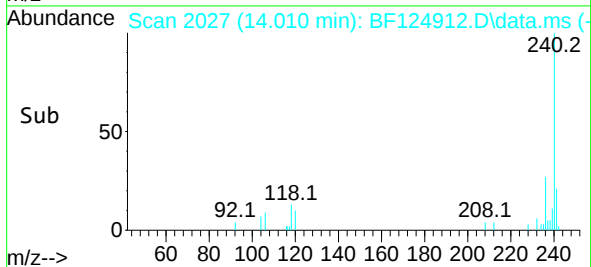
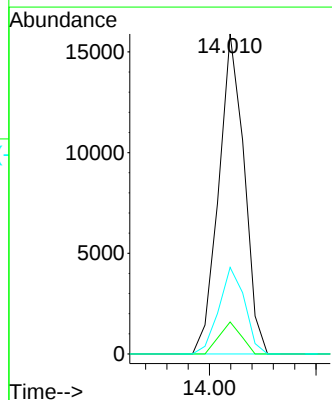
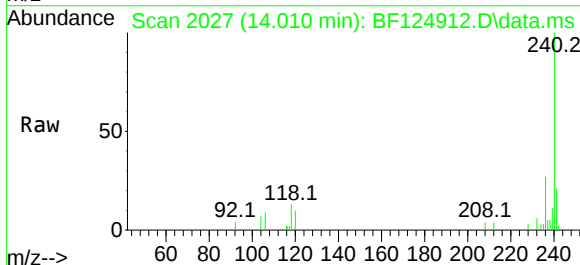
Instrument :
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ClientSampleId :
MH-457-COMP

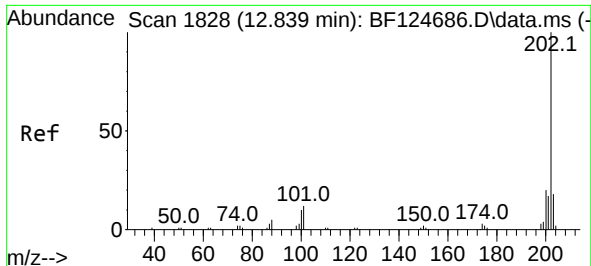
Tgt Ion:202 Resp: 2920
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 18.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:240 Resp: 13174
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 27.0 21.6 32.4

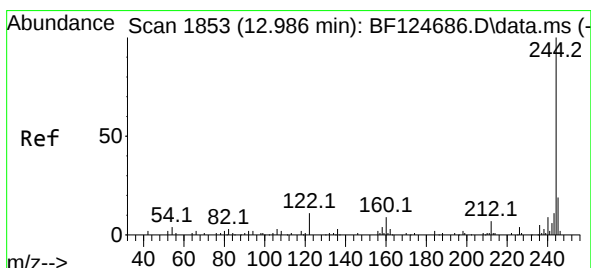
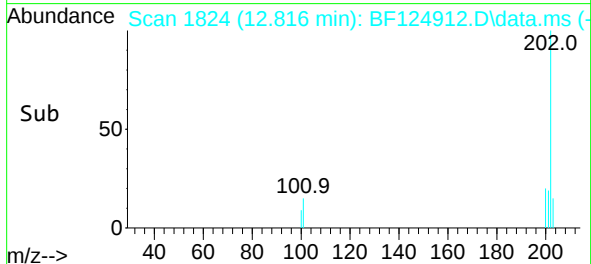
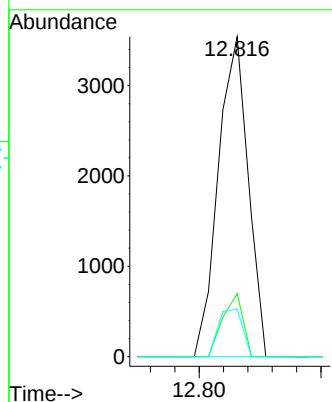
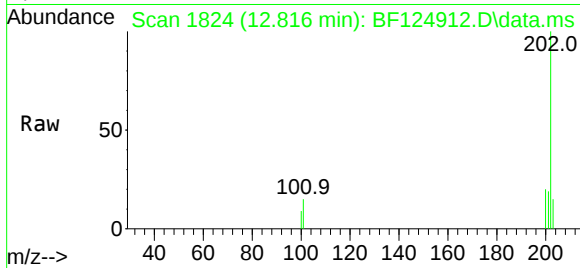




#78
Pyrene
Concen: 2.889 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

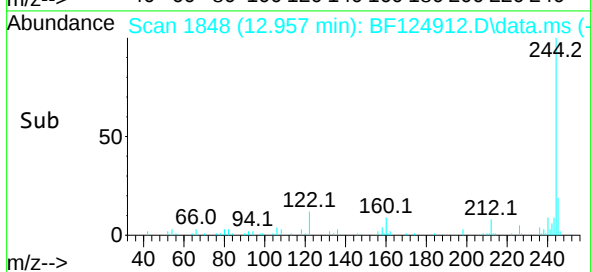
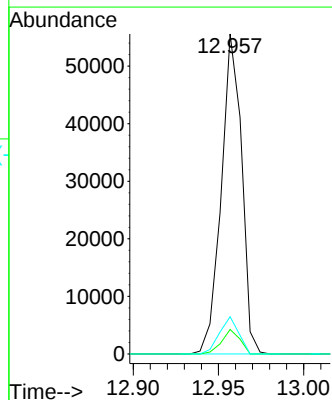
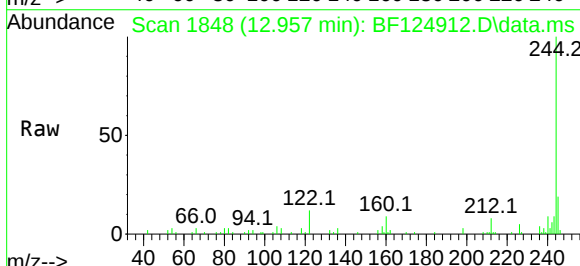
Instrument :
BNA_F
ClientSampleId :
MH-457-COMP

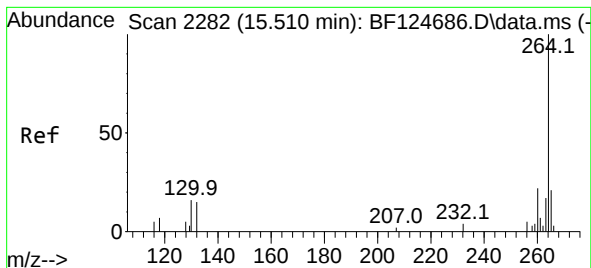
Tgt Ion:	202	Resp:	3013
Ion Ratio	Lower	Upper	
202	100		
200	19.7	15.3	22.9
203	14.9	13.4	20.0



#79
Terphenyl-d14
Concen: 60.212 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:	244	Resp:	46276
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.9	8.9
122	11.7	9.0	13.4

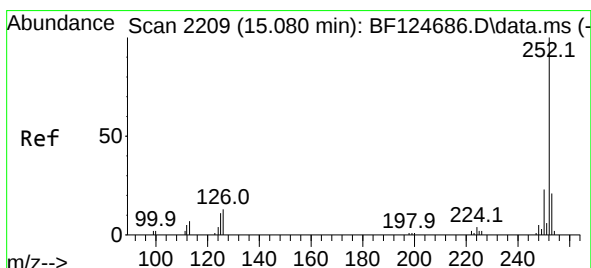
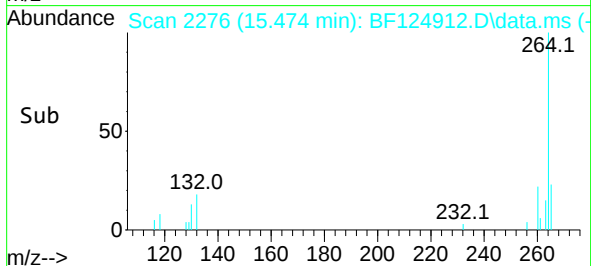
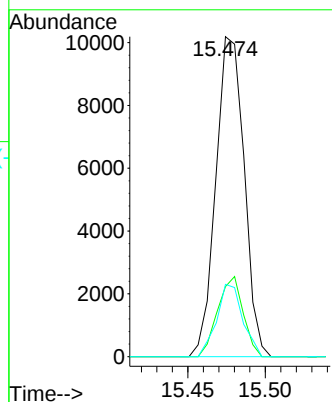
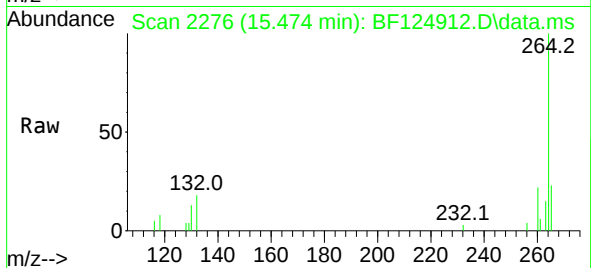




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

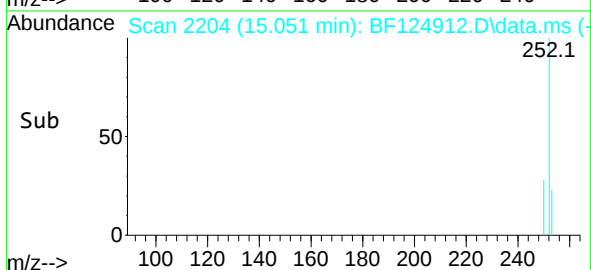
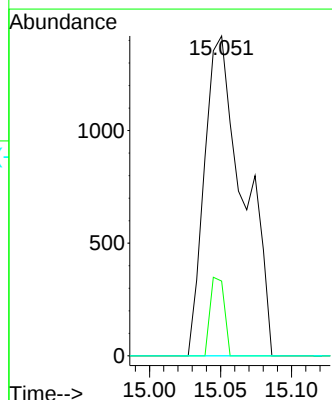
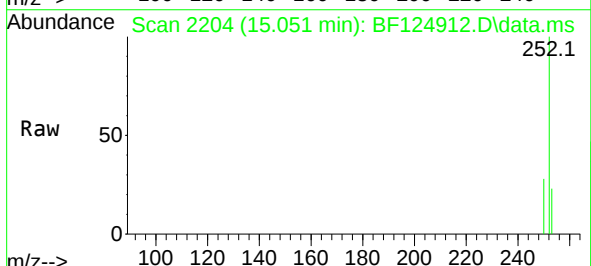
Instrument :
BNA_F
ClientSampleId :
MH-457-COMP

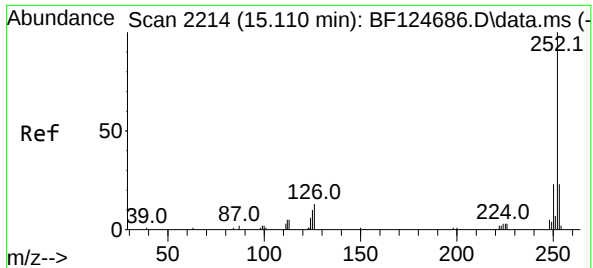
Tgt Ion:264 Resp: 12945
Ion Ratio Lower Upper
264 100
260 21.9 19.6 29.4
265 22.6 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.972 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:252 Resp: 2709
Ion Ratio Lower Upper
252 100
253 23.4 16.8 25.2
125 0.0 9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 3.253 ng
 RT: 15.051 min Scan# 2204
 Delta R.T. -0.035 min
 Lab File: BF124912.D
 Acq: 2 Aug 2021 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-457-COMP

Tgt Ion:252	Resp:	2709
Ion Ratio	Lower	Upper
252	100	
253	23.4	17.8 26.8
125	0.0	7.2 10.8#

