

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124910.D
 Acq On : 2 Aug 2021 16:24
 Operator : JU/CG
 Sample : M3253-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-COMP

Quant Time: Aug 02 17:31:34 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)

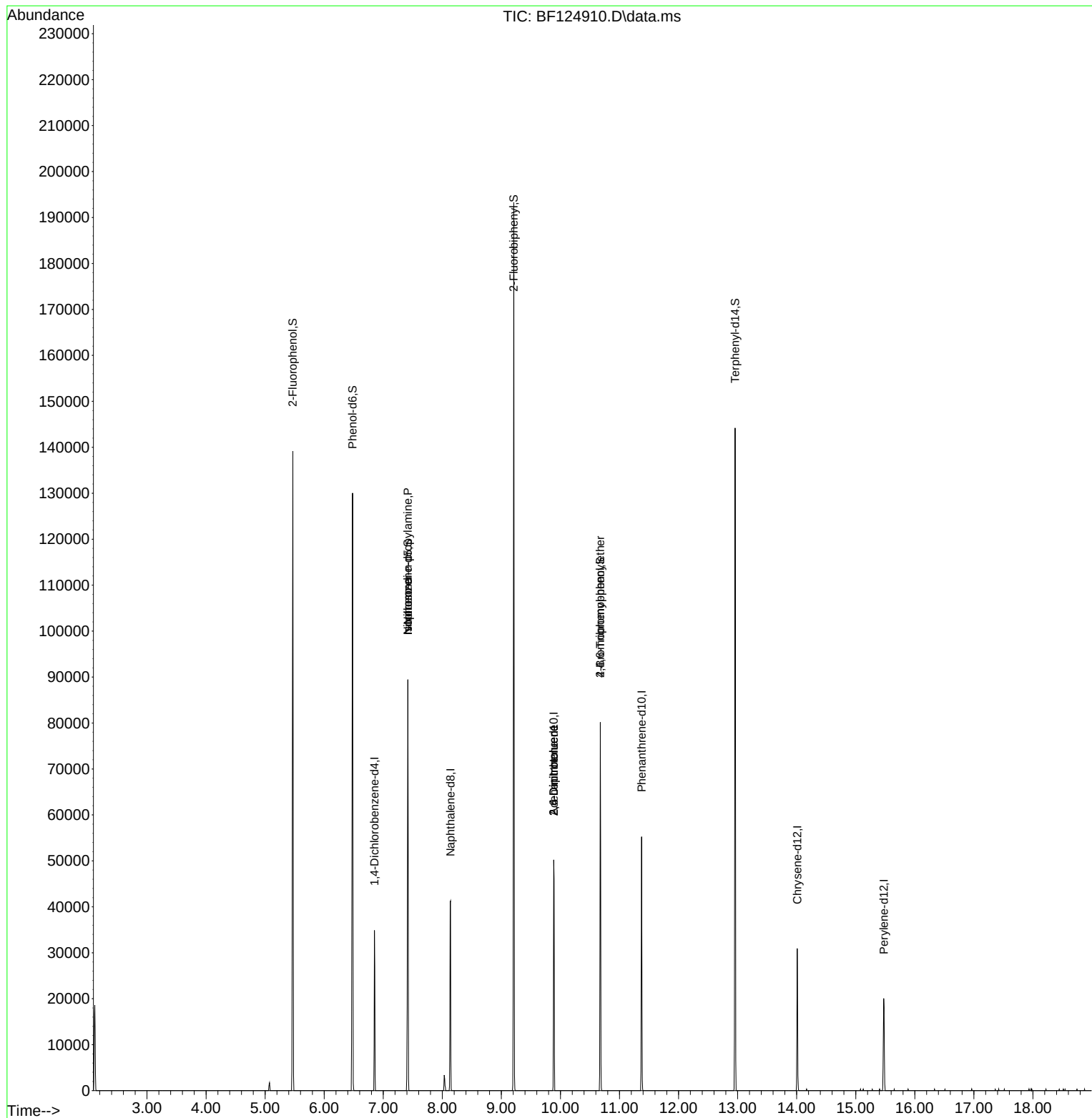
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5097	20.000	ng	# 0.00
21) Naphthalene-d8	8.139	136	19894	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	10833	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	19397	20.000	ng	0.00
76) Chrysene-d12	14.009	240	11680	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	11213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	33615	111.665	ng	0.00
7) Phenol-d6	6.481	99	41038	108.741	ng	0.00
23) Nitrobenzene-d5	7.416	82	26286	78.641	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	7724	83.043	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	51476	69.792	ng	0.00
79) Terphenyl-d14	12.957	244	46673	68.497	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	3542	17.576	ng	# 64
25) Isophorone	7.416	82	26286	44.475	ng	# 59
51) 2,6-Dinitrotoluene	9.886	165	1266	7.682	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	1266	5.661	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	625	3.038	ng	# 1

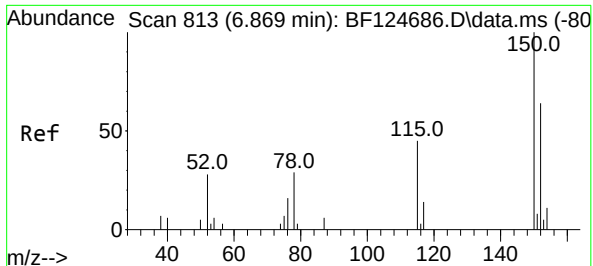
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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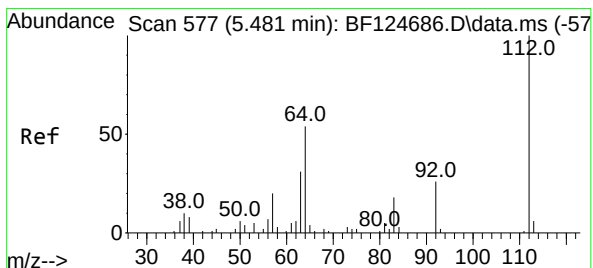
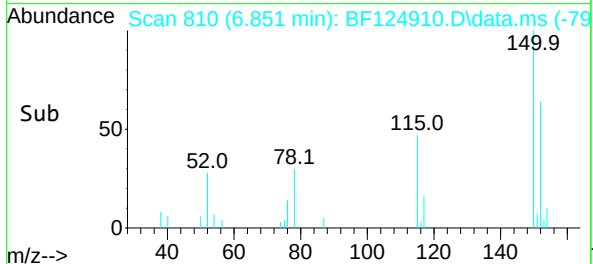
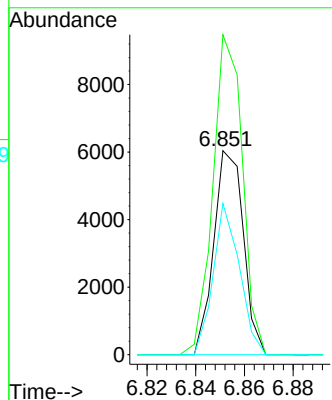
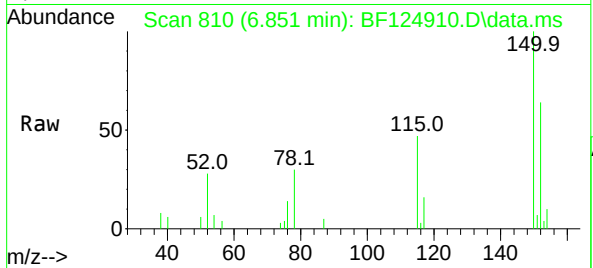




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

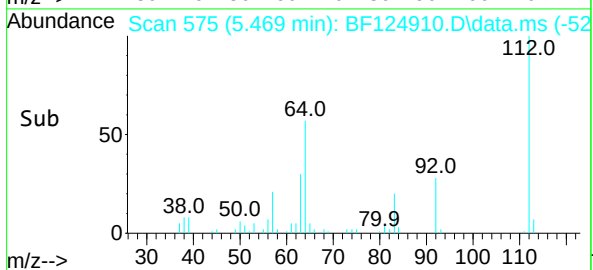
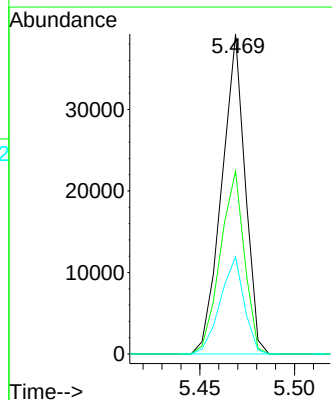
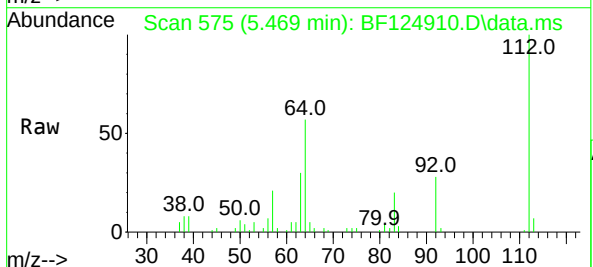
Instrument :
BNA_F
ClientSampleId :
MH-1-COMP

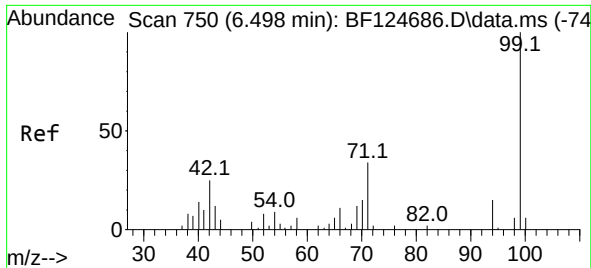
Tgt Ion:152 Resp: 5097
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 74.1 47.1 70.7#



#5
2-Fluorophenol
Concen: 111.665 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Tgt Ion:112 Resp: 33615
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 30.4 26.2 39.2

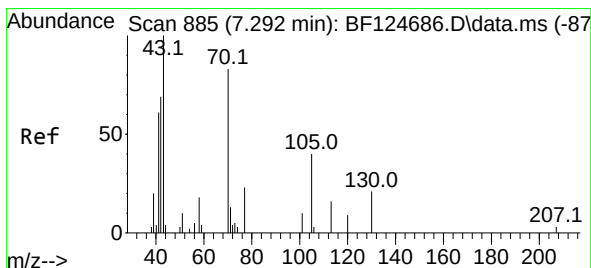
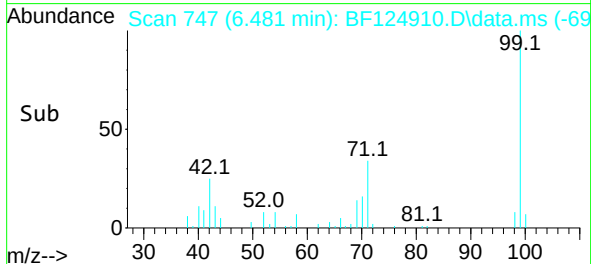
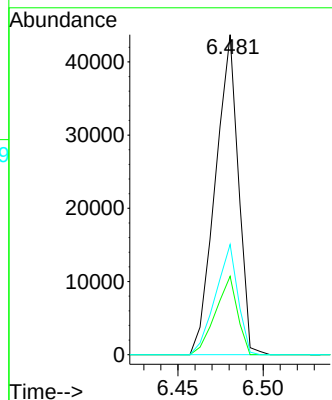
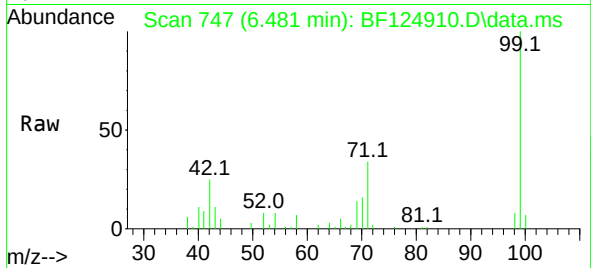




#7
Phenol-d6
Concen: 108.741 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

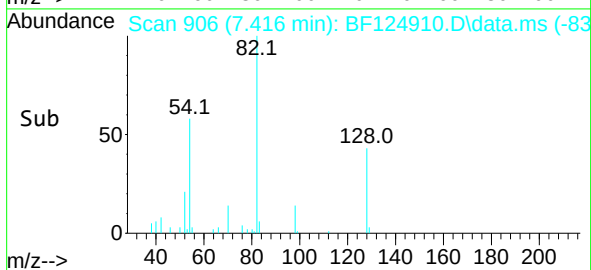
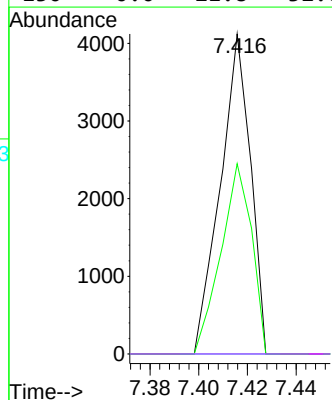
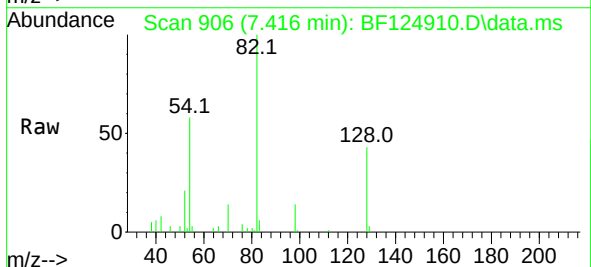
Instrument :
BNA_F
ClientSampleId :
MH-1-COMP

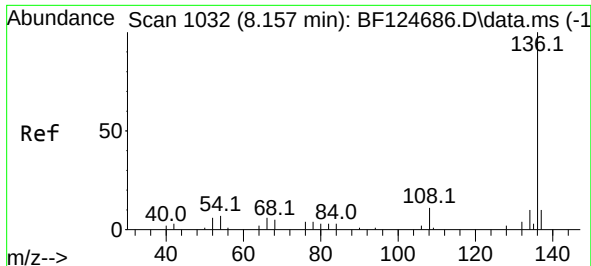
Tgt Ion: 99 Resp: 41038
Ion Ratio Lower Upper
99 100
42 24.5 23.5 35.3
71 34.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.576 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Tgt Ion: 70 Resp: 3542
Ion Ratio Lower Upper
70 100
42 59.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



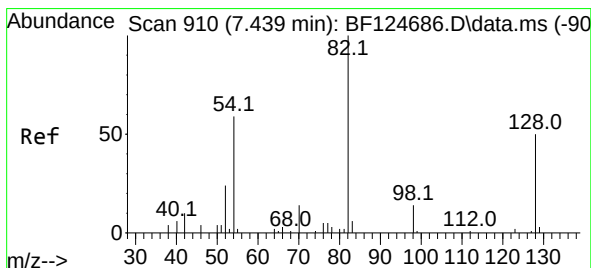
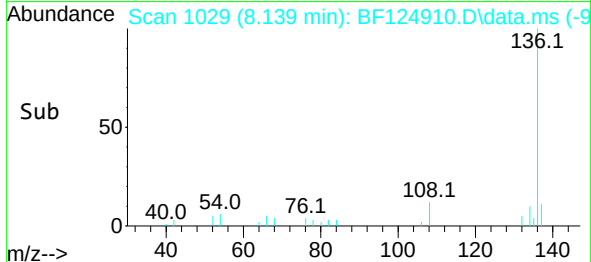
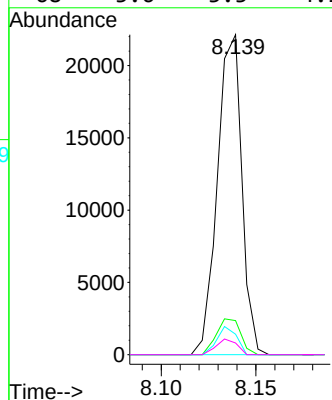
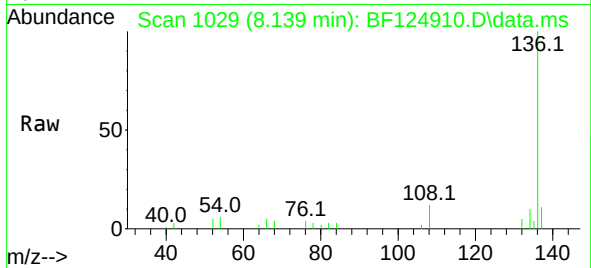


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Instrument :
BNA_F
ClientSampleId :
MH-1-COMP

Tgt Ion:136 Resp: 19894

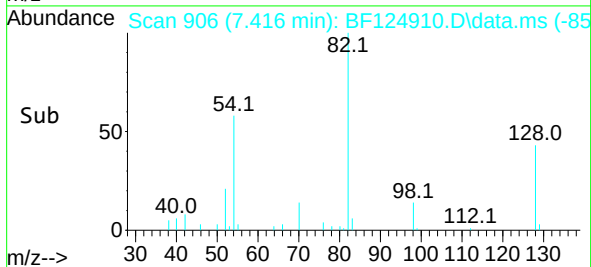
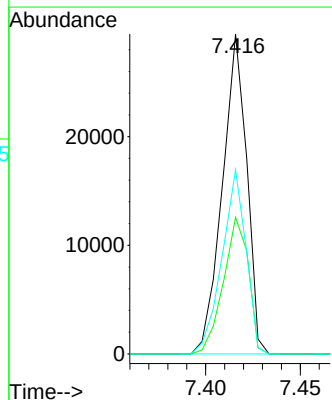
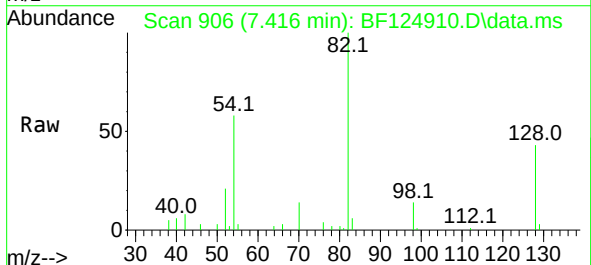
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.4	6.4	9.6#
68	3.6	3.3	4.9

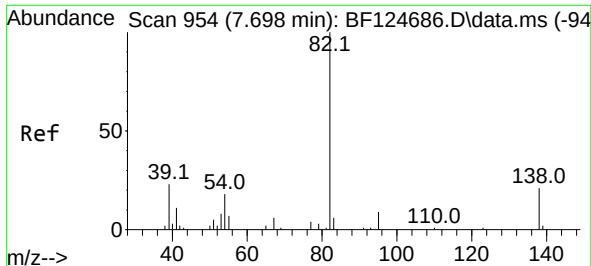


#23
Nitrobenzene-d5
Concen: 78.641 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Tgt Ion: 82 Resp: 26286

Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	60.8
54	57.6	49.6	74.4

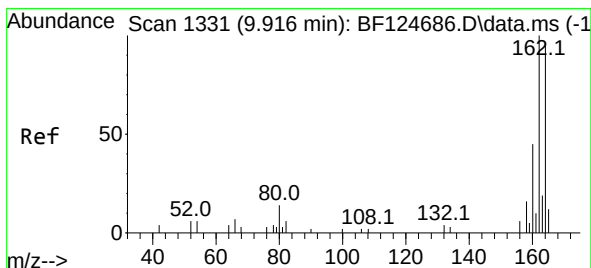
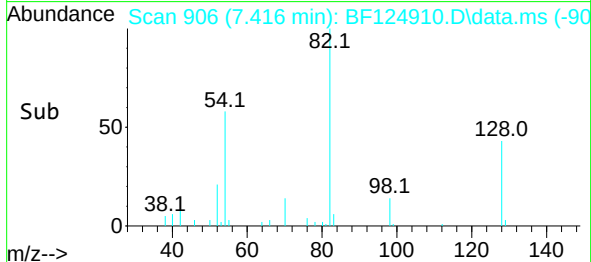
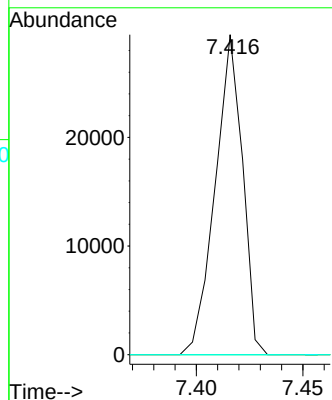
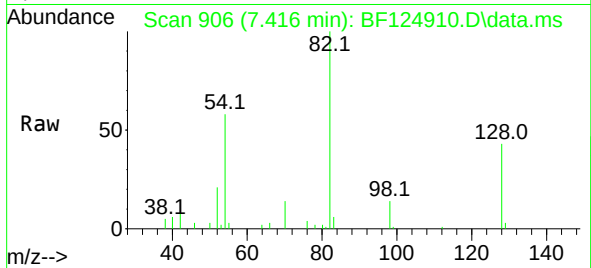




#25
Isophorone
Concen: 44.475 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

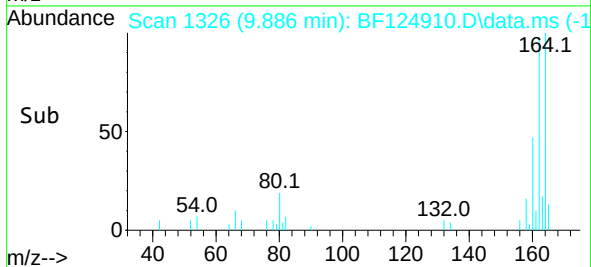
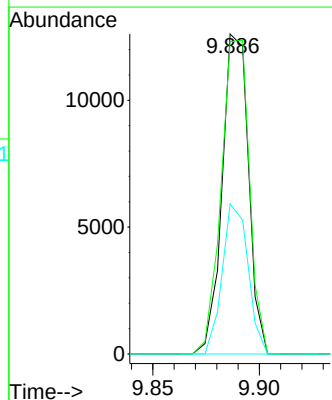
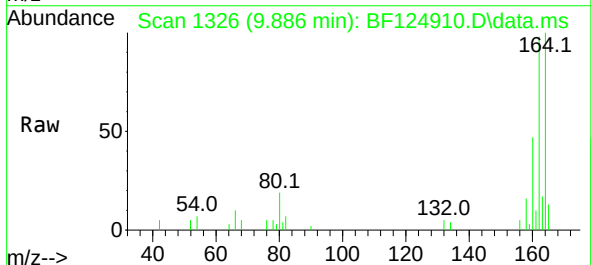
Instrument :
BNA_F
ClientSampleId :
MH-1-COMP

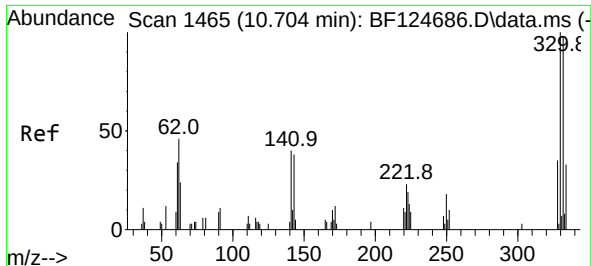
Tgt Ion: 82 Resp: 26286
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

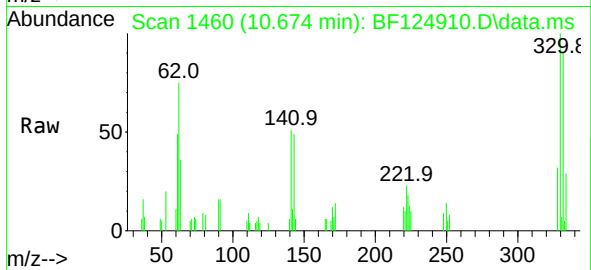
Tgt Ion:164 Resp: 10833
Ion Ratio Lower Upper
164 100
162 97.6 81.3 121.9
160 46.9 38.0 57.0



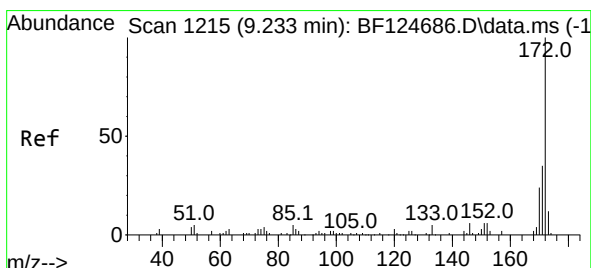
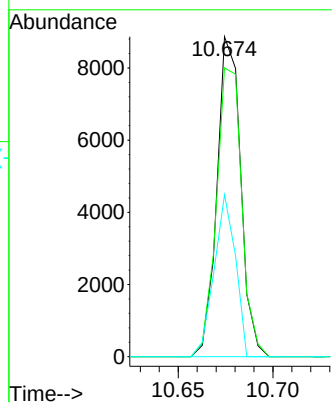
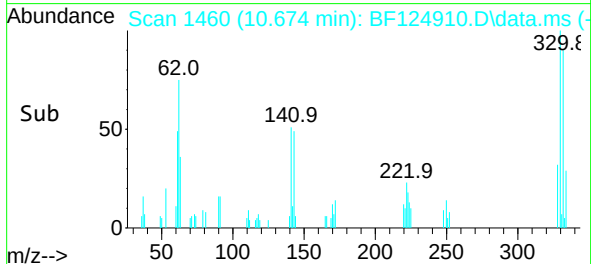


#42
2,4,6-Tribromophenol
Concen: 83.043 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

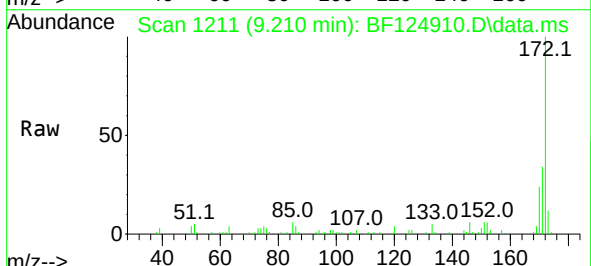
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ClientSampleId :
MH-1-COMP



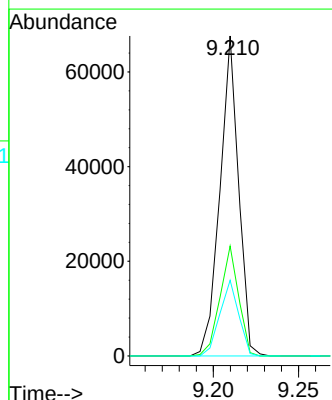
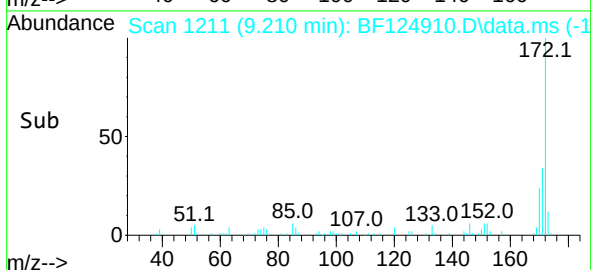
Tgt Ion:330 Resp: 7724
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 45.4 44.6 66.8

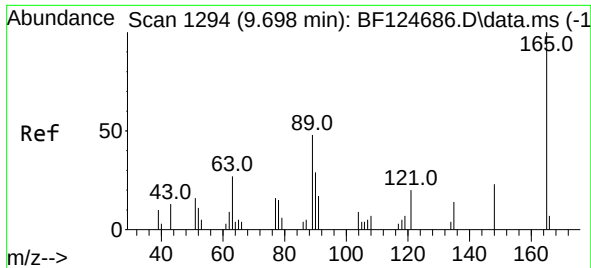


#45
2-Fluorobiphenyl
Concen: 69.792 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24



Tgt Ion:172 Resp: 51476
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.6 18.8 28.2

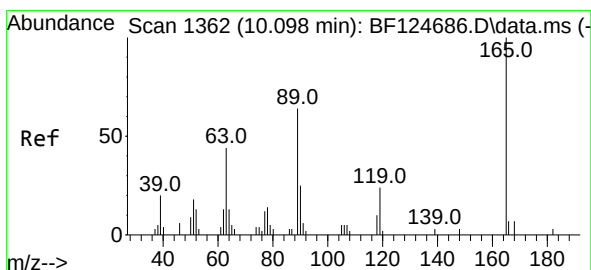
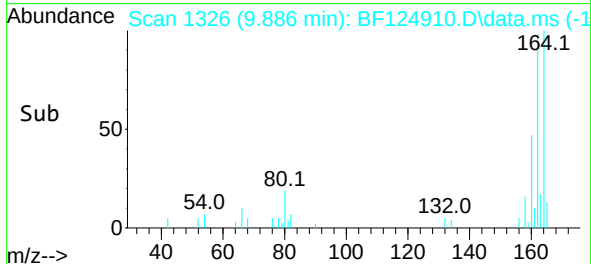
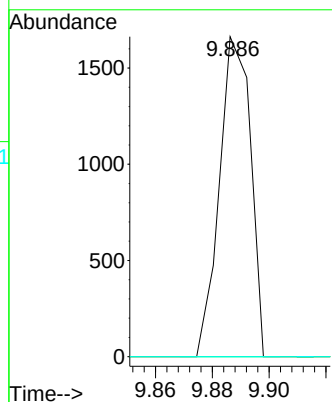
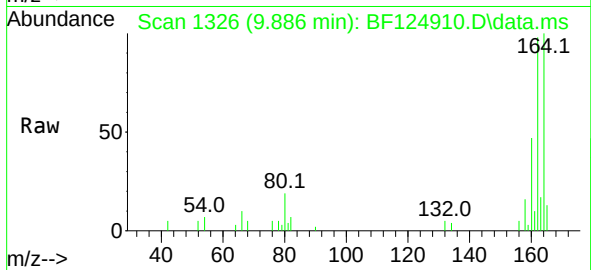




#51
2,6-Dinitrotoluene
Concen: 7.682 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

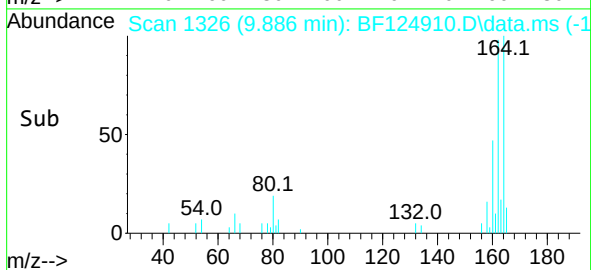
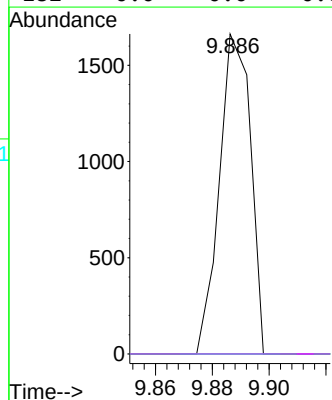
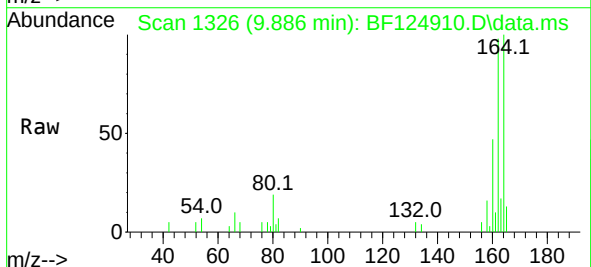
Instrument :
BNA_F
ClientSampleId :
MH-1-COMP

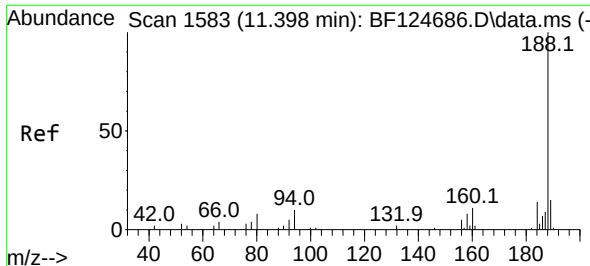
Tgt Ion:165 Resp: 1266
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.661 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Tgt Ion:165 Resp: 1266
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

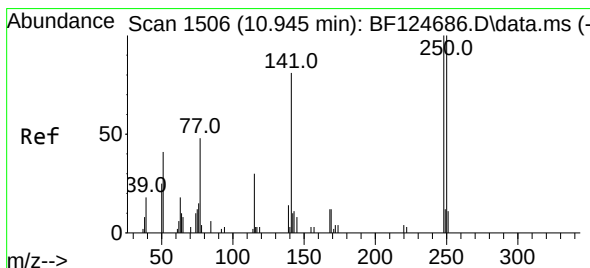
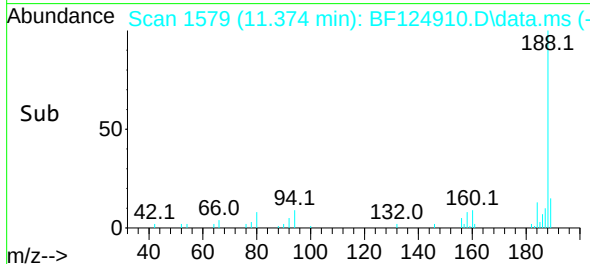
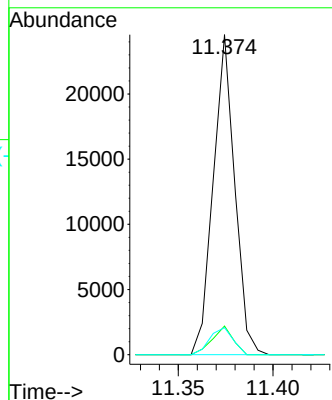
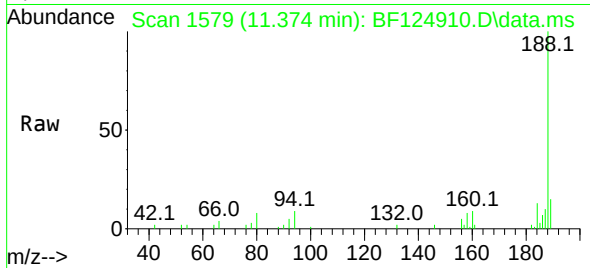




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

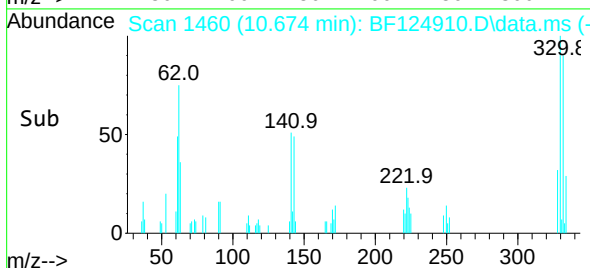
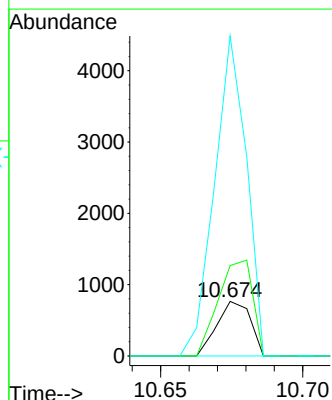
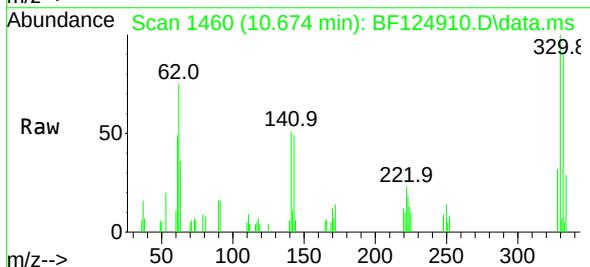
Instrument :
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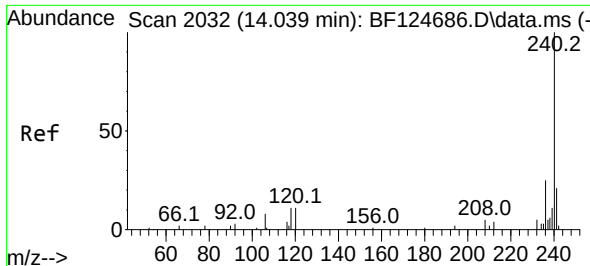
Tgt Ion:188 Resp: 19397
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.038 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Tgt Ion:248 Resp: 625
Ion Ratio Lower Upper
248 100
250 224.5 74.2 111.4#
141 587.4 60.4 90.6#

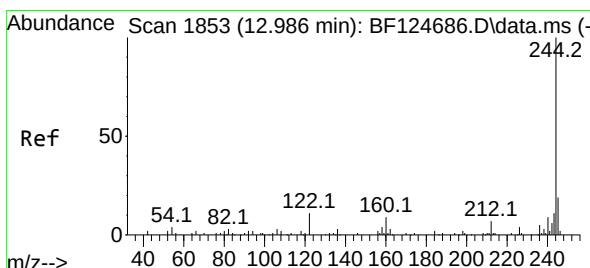
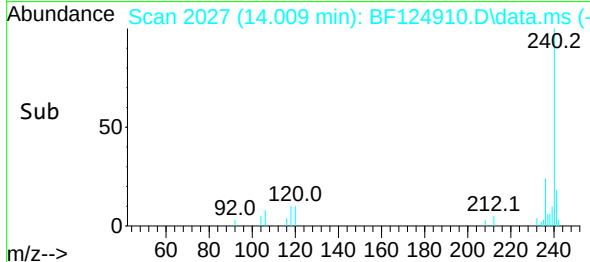
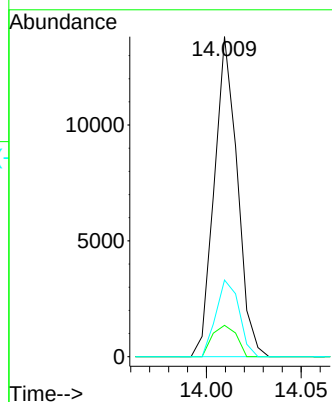
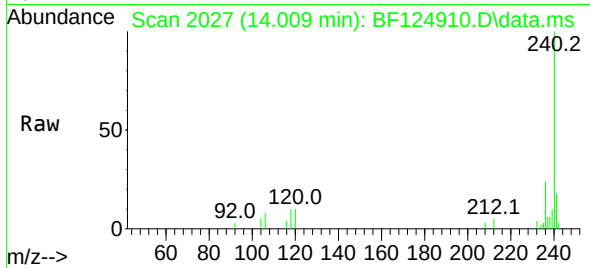




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

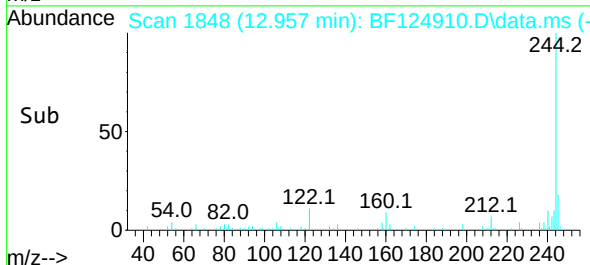
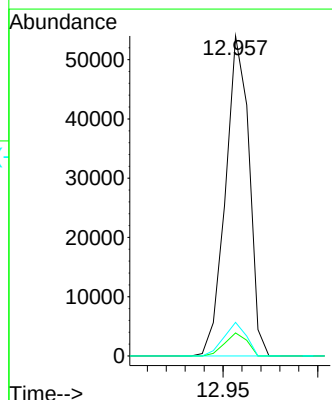
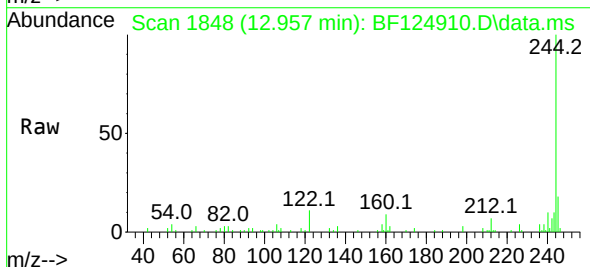
Instrument :
BNA_F
ClientSampleId :
MH-1-COMP

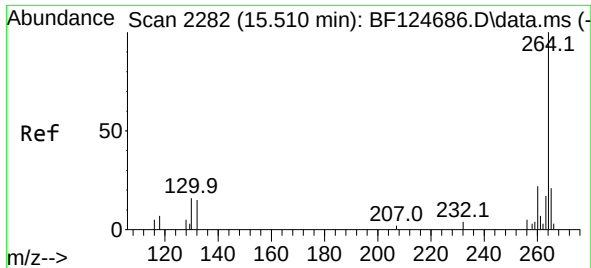
Tgt Ion:240 Resp: 11680
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 23.9 21.6 32.4



#79
Terphenyl-d14
Concen: 68.497 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124910.D
Acq: 2 Aug 2021 16:24

Tgt Ion:244 Resp: 46673
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.5 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: BF124910.D
 Acq: 2 Aug 2021 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-COMP

Tgt Ion:264	Resp:	11213
Ion Ratio	Lower	Upper
264	100	
260	20.7	19.6 29.4
265	18.2	17.2 25.8

