

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124903.D
 Acq On : 2 Aug 2021 12:33
 Operator : JU/CG
 Sample : M3216-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210567-COM-40

Quant Time: Aug 02 13:01:38 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)

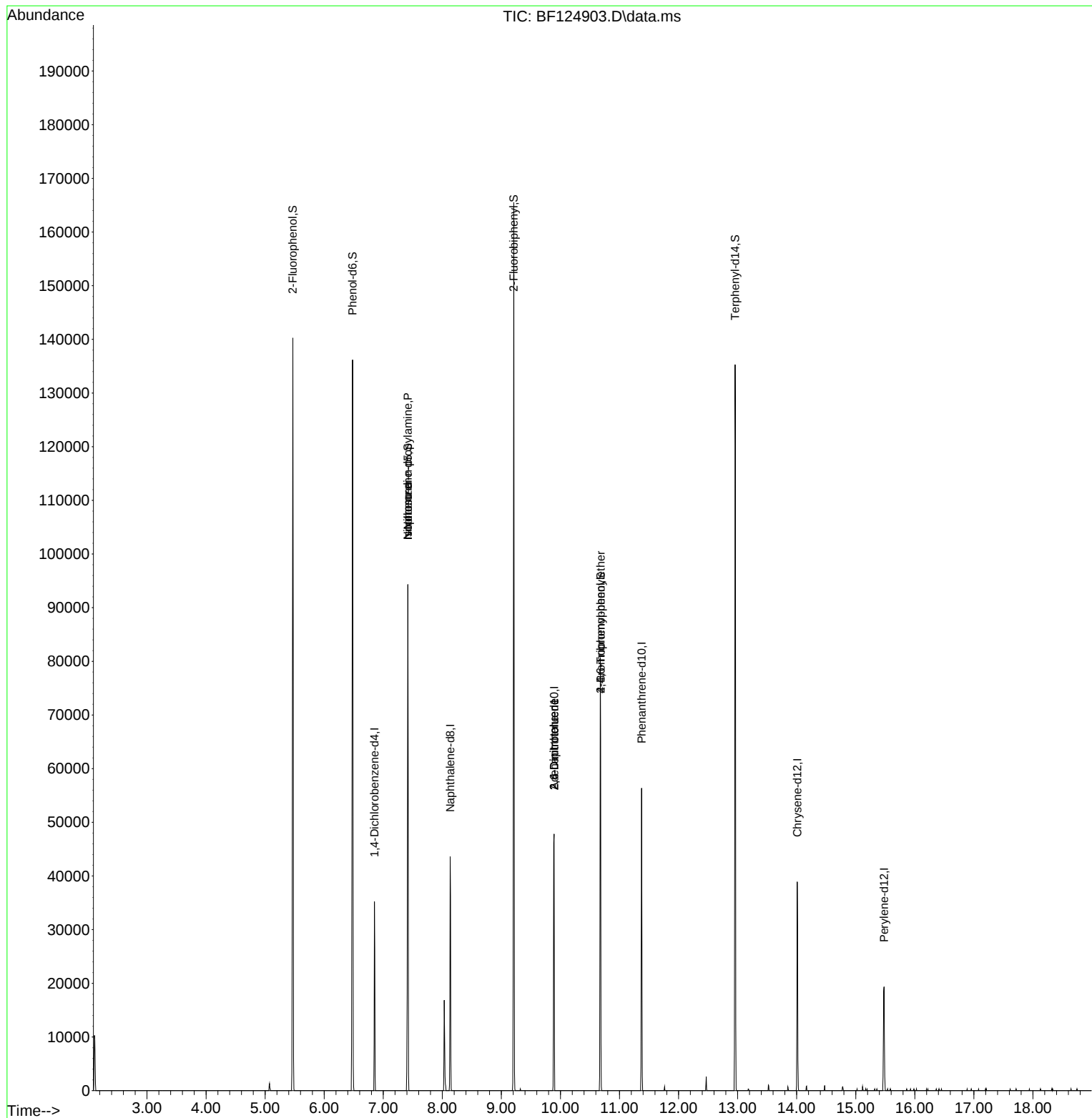
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	4991	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	19314	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	10524	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	19880	20.000	ng	0.00
76) Chrysene-d12	14.009	240	14769	20.000	ng	-0.01
86) Perylene-d12	15.480	264	10406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	35500	120.431	ng	0.00
7) Phenol-d6	6.481	99	44268	119.791	ng	0.00
23) Nitrobenzene-d5	7.416	82	27934	86.081	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	8740	96.726	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	45172	63.043	ng	0.00
79) Terphenyl-d14	12.957	244	45841	53.205	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	3670	18.598	ng	# 65
25) Isophorone	7.416	82	27934	48.682	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1122	7.008	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1122	5.165	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	613	2.907	ng	# 1

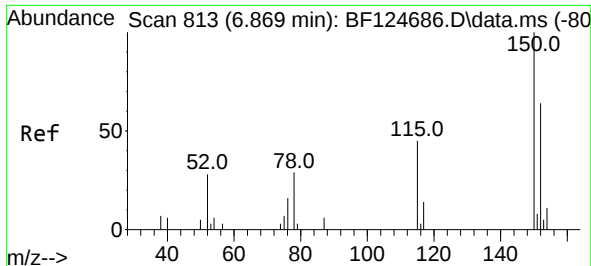
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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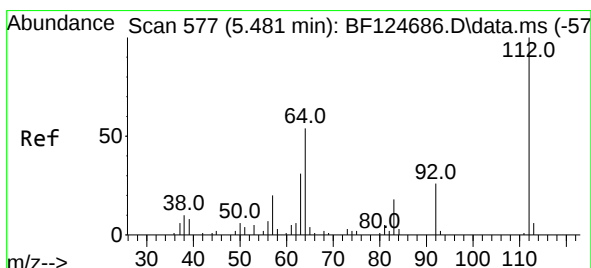
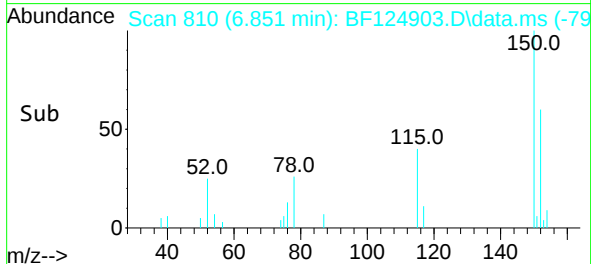
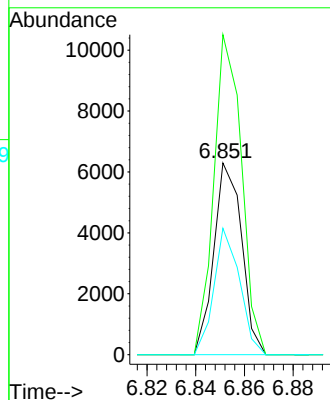
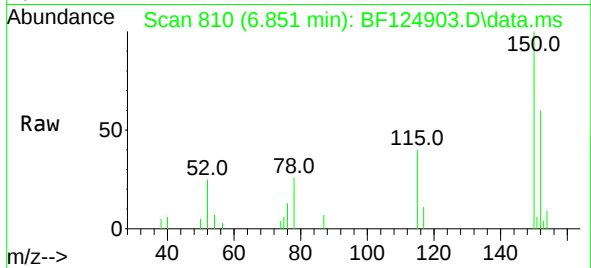




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

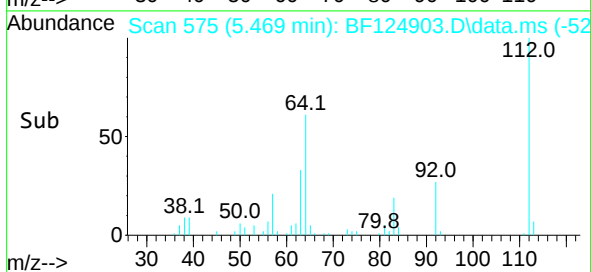
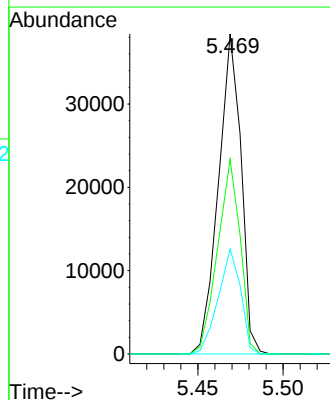
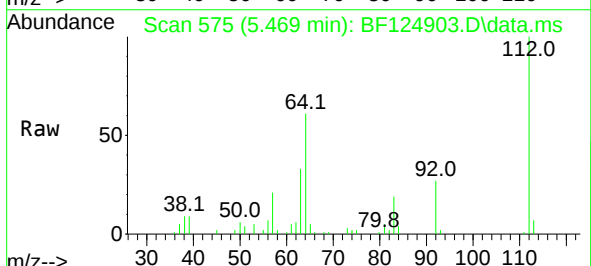
Instrument :
BNA_F
ClientSampleId :
20210567-COM-40

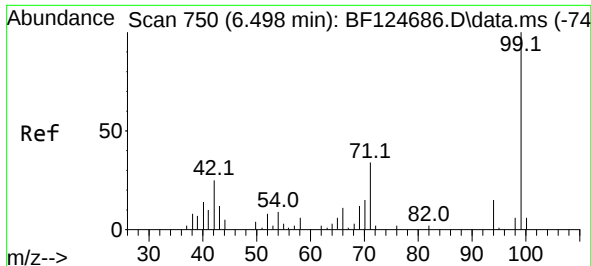
Tgt Ion:152 Resp: 4991
Ion Ratio Lower Upper
152 100
150 167.0 117.6 176.4
115 66.0 47.1 70.7



#5
2-Fluorophenol
Concen: 120.431 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion:112 Resp: 35500
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 32.8 26.2 39.2

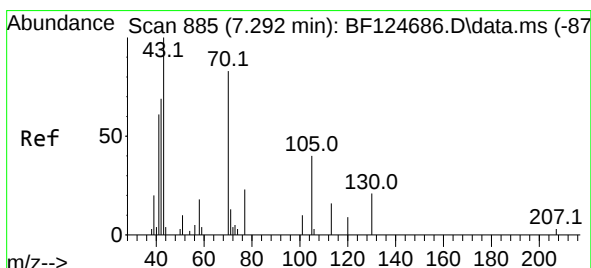
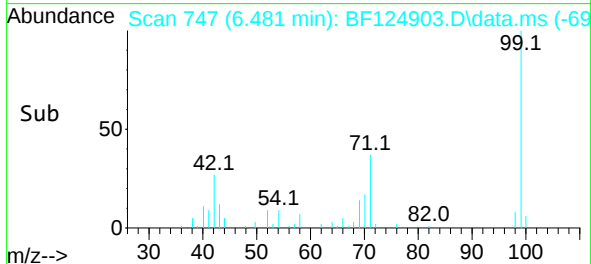
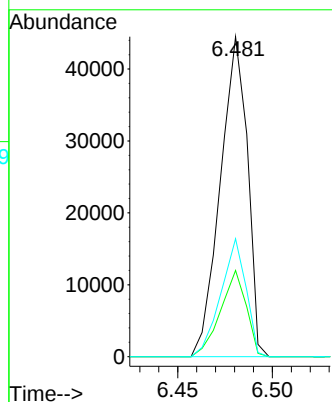
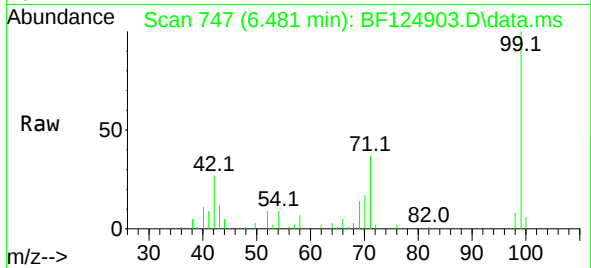




#7
Phenol-d6
Concen: 119.791 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

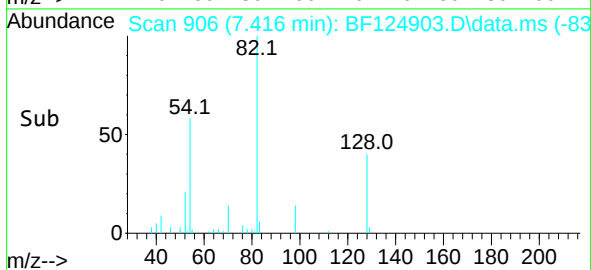
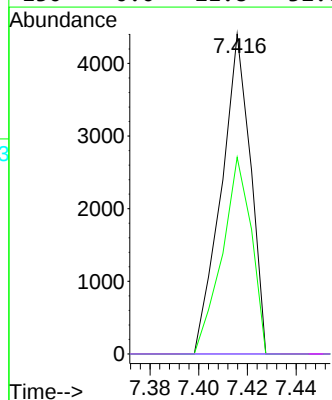
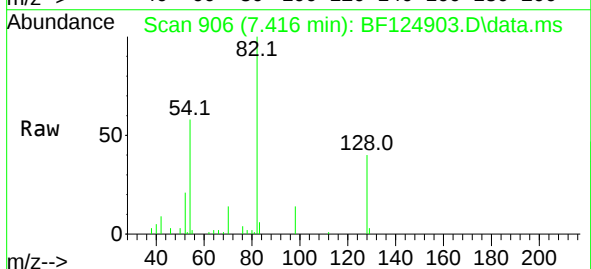
Instrument :
BNA_F
ClientSampleId :
20210567-COM-40

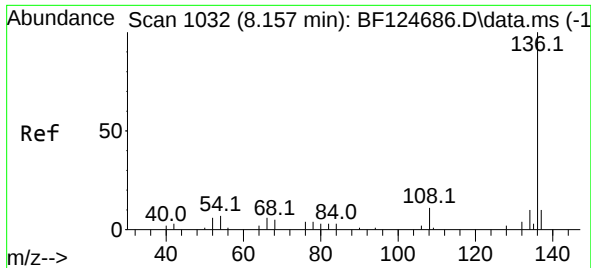
Tgt Ion: 99 Resp: 44268
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 36.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.598 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion: 70 Resp: 3670
Ion Ratio Lower Upper
70 100
42 61.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

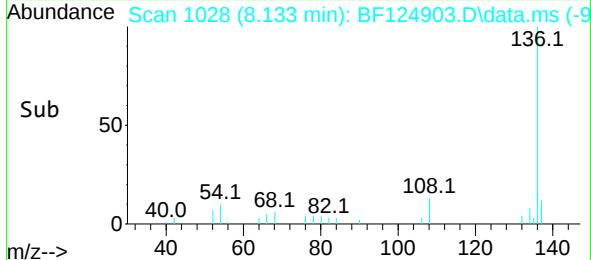
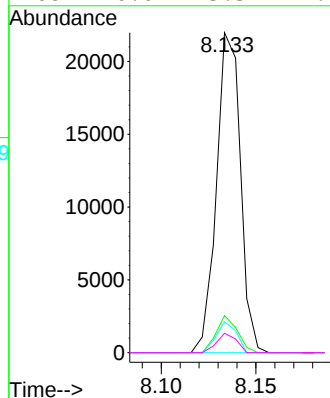
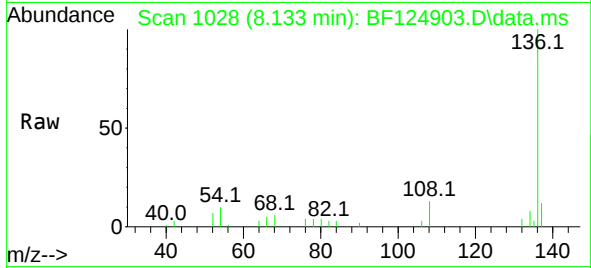




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

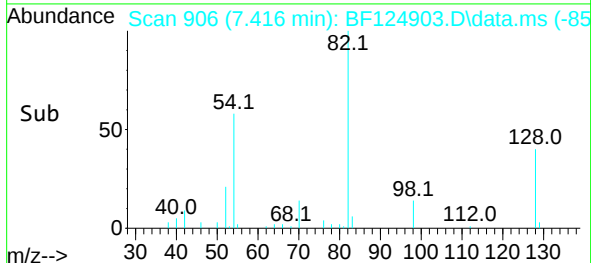
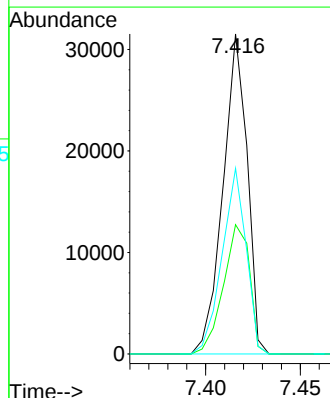
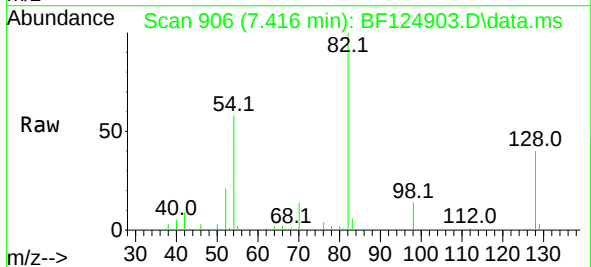
Instrument :
BNA_F
ClientSampleId :
20210567-COM-40

Tgt Ion:136	Resp:	19314
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.8 14.6
54	9.7	6.4 9.6#
68	6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.081 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion: 82	Resp:	27934
Ion Ratio	Lower	Upper
82	100	
128	40.4	40.6 60.8#
54	58.0	49.6 74.4

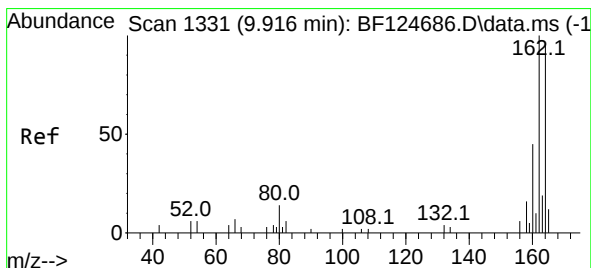
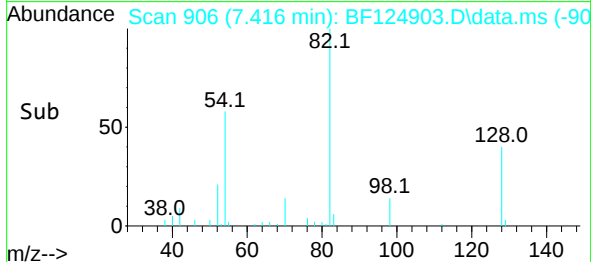
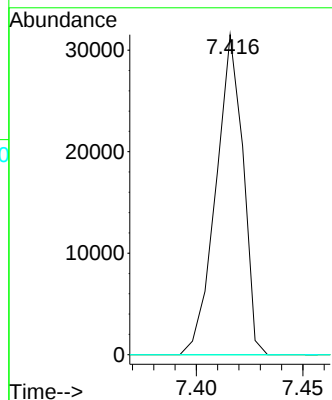
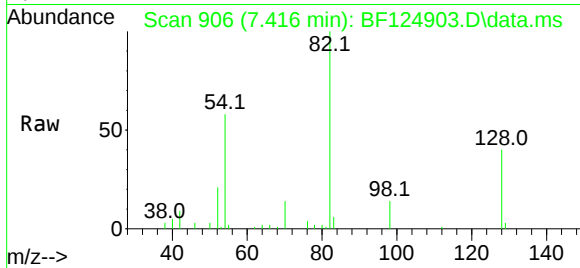




#25
Isophorone
Concen: 48.682 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

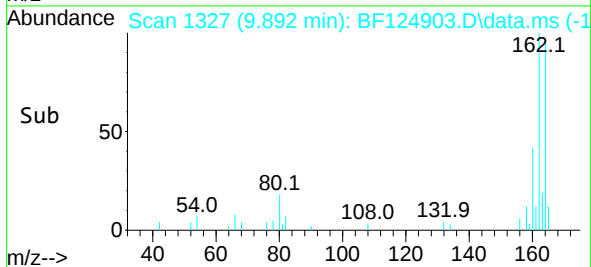
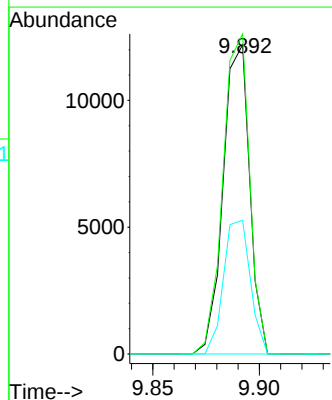
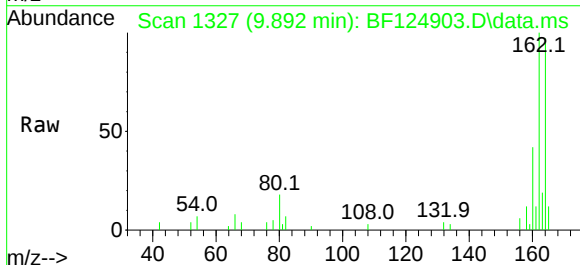
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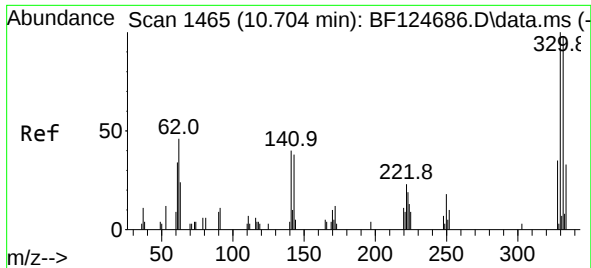
Tgt Ion: 82 Resp: 27934
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion:164 Resp: 10524
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 43.3 38.0 57.0

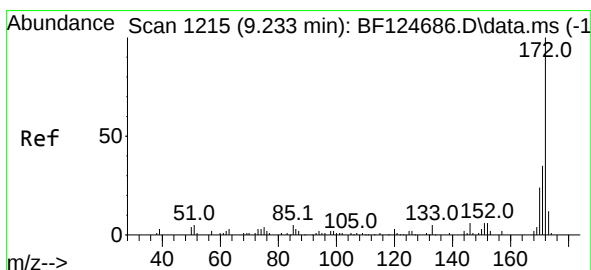
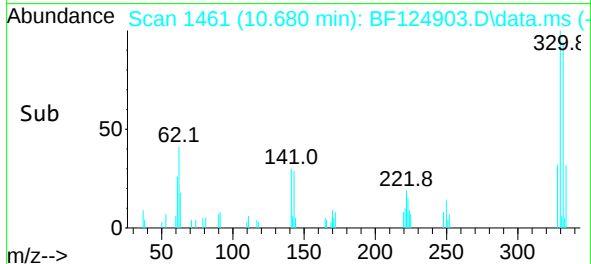
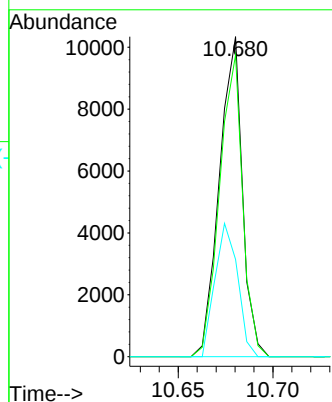
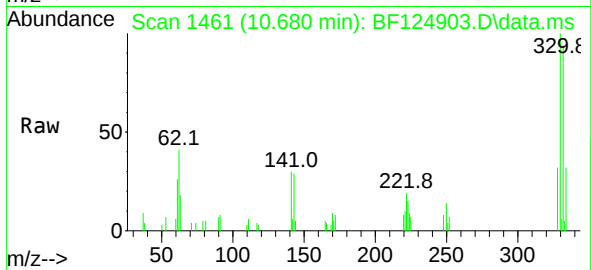




#42
2,4,6-Tribromophenol
Concen: 96.726 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

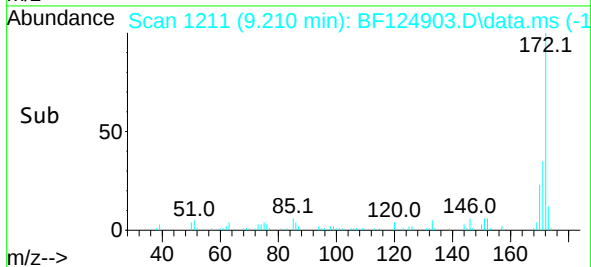
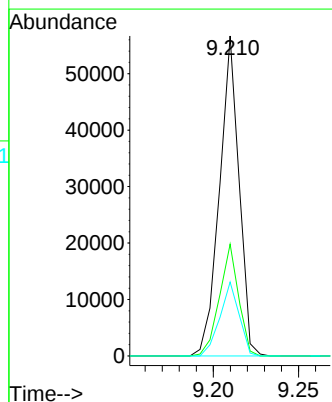
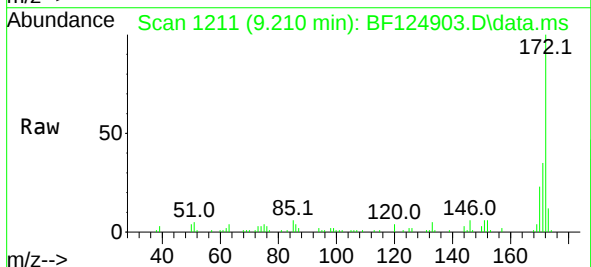
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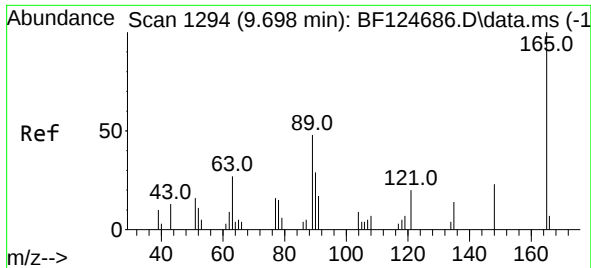
Tgt Ion:330 Resp: 8740
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 41.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.043 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion:172 Resp: 45172
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.1 18.8 28.2

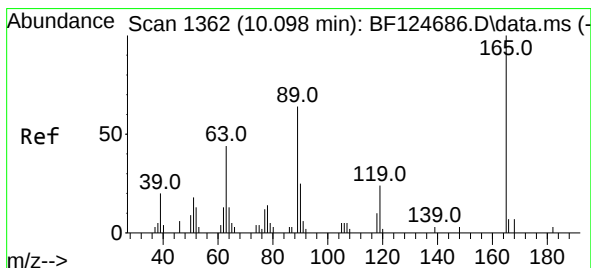
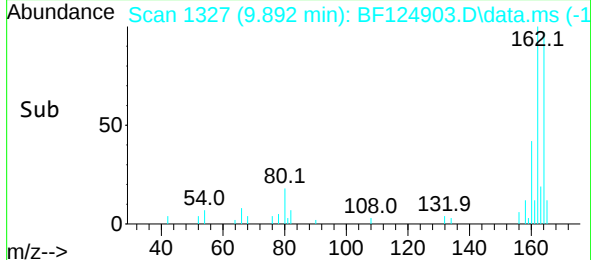
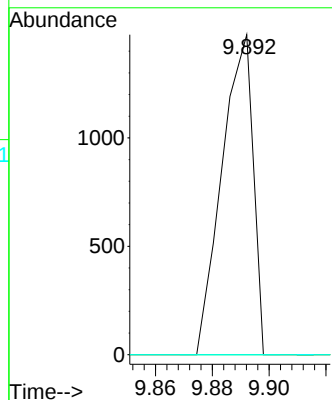
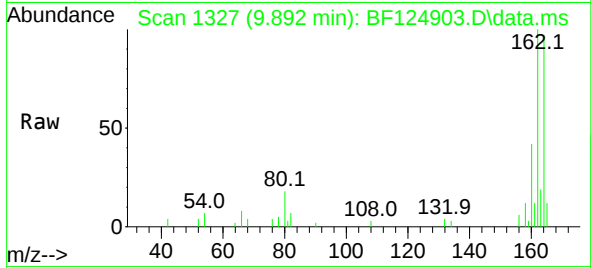




#51
2,6-Dinitrotoluene
Concen: 7.008 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

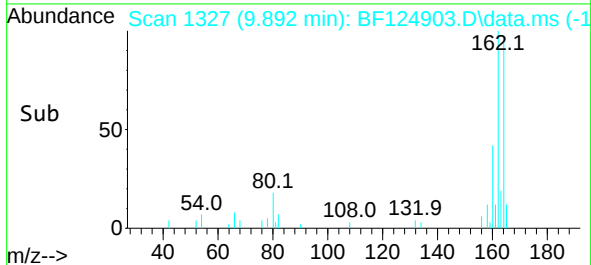
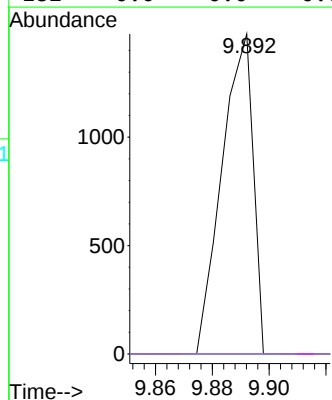
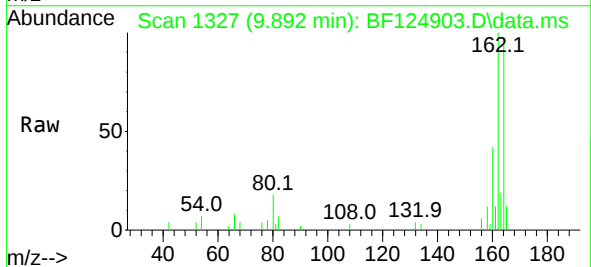
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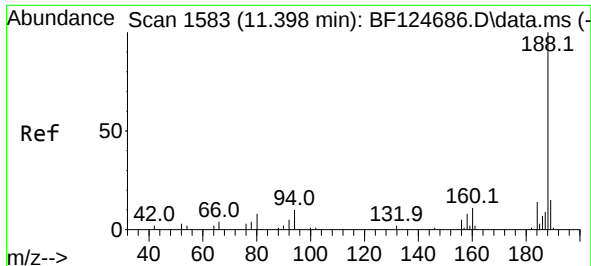
Tgt Ion:165 Resp: 1122
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.165 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion:165 Resp: 1122
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

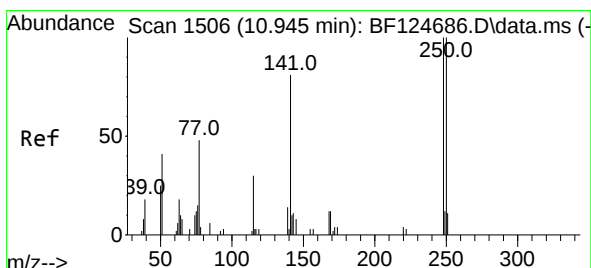
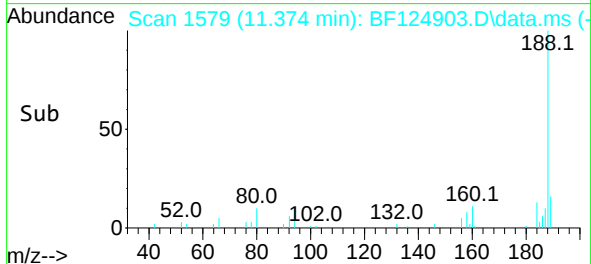
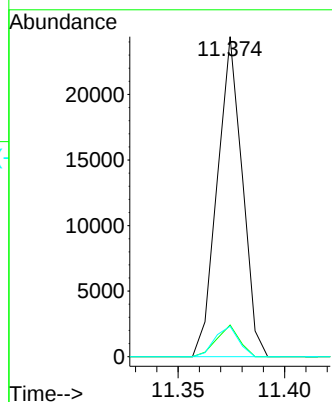
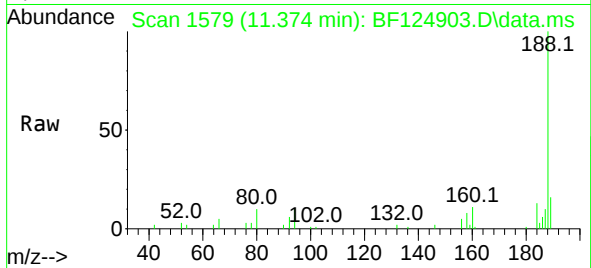




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

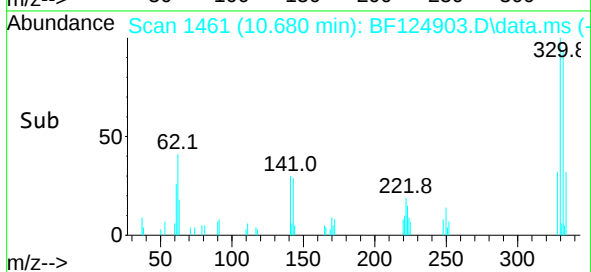
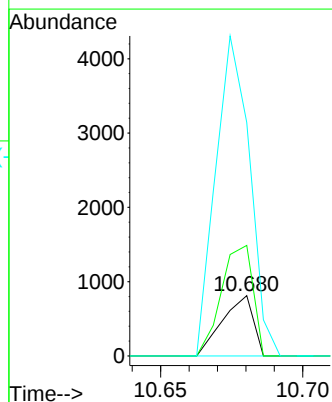
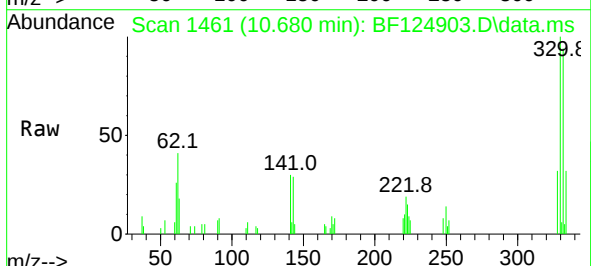
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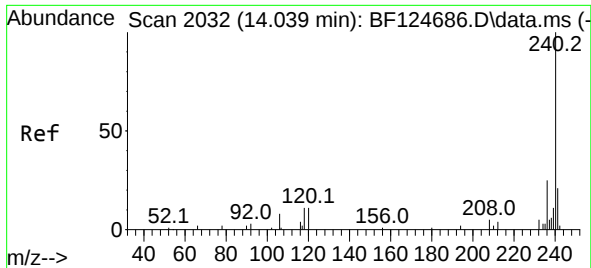
Tgt Ion:188 Resp: 19880
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

Tgt Ion:248 Resp: 613
Ion Ratio Lower Upper
248 100
250 183.3 74.2 111.4#
141 387.1 60.4 90.6#

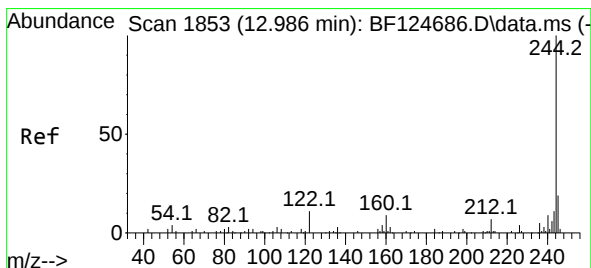
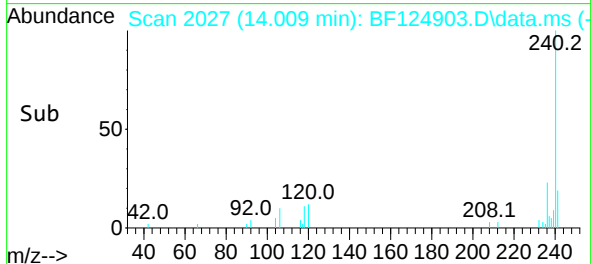
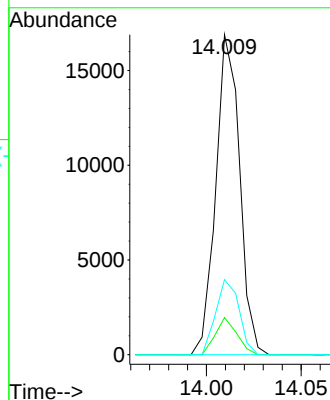
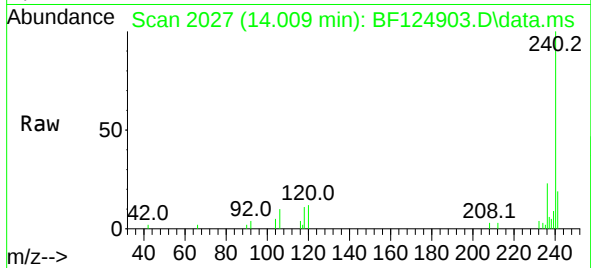




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

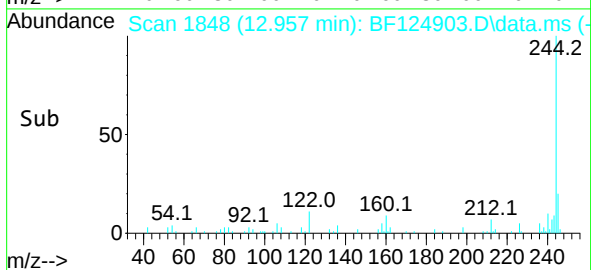
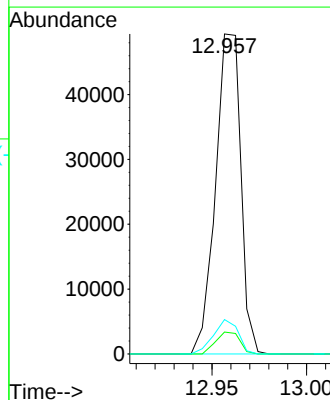
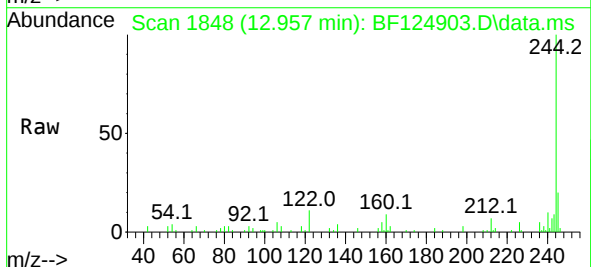
Instrument :
BNA_F
ClientSampleId :
20210567-COM-40

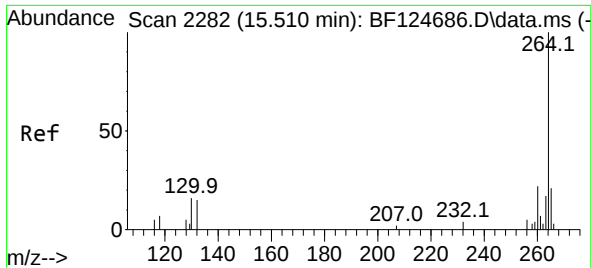
Tgt Ion:240 Resp: 14769
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 23.5 21.6 32.4



#79
Terphenyl-d14
Concen: 53.205 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124903.D
Acq: 2 Aug 2021 12:33

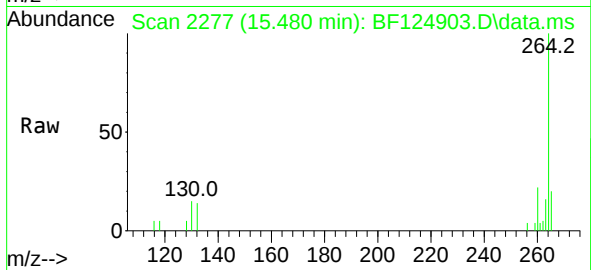
Tgt Ion:244 Resp: 45841
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF124903.D
 Acq: 2 Aug 2021 12:33

Instrument :
 BNA_F
 ClientSampleId :
 20210567-COM-40



Tgt Ion:	264	Resp:	10406
Ion Ratio	Lower	Upper	
264	100		
260	21.6	19.6	29.4
265	20.1	17.2	25.8

