

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128197.D
 Acq On : 11 May 2022 16:23
 Operator : CG\JU
 Sample : N2761-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP05

Quant Time: May 12 06:00:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

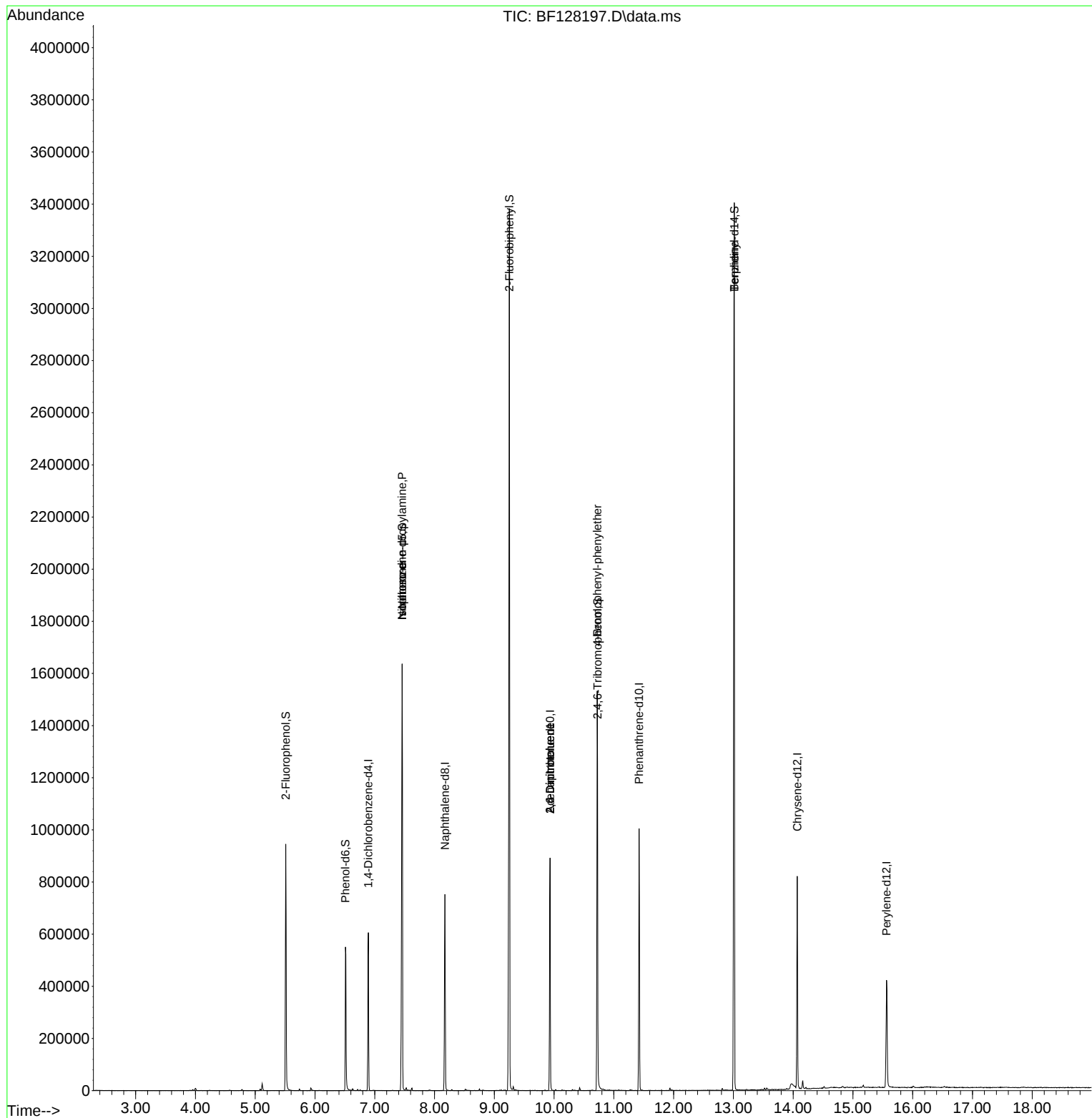
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	81804	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	318876	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	186536	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	353425	20.000	ng	0.00
76) Chrysene-d12	14.068	240	270373	20.000	ng	-0.01
86) Perylene-d12	15.562	264	200503	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	221378	43.140	ng	0.00
7) Phenol-d6	6.510	99	176219	25.963	ng	-0.02
23) Nitrobenzene-d5	7.457	82	627896	88.602	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	189863	88.748	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1035899	86.893	ng	0.00
79) Terphenyl-d14	13.016	244	1249434	86.712	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	124	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	85070	20.353	ng	# 79
25) Isophorone	7.457	82	626603	56.399	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	24282	9.196	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	24282	6.877	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	11284	2.968	ng	# 1
77) Benizidine	13.016	184	18329	3.130	ng	# 92

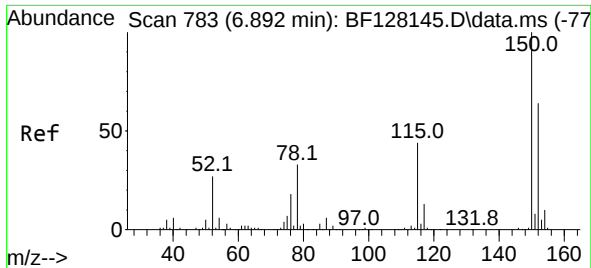
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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QLast Update : Mon May 09 15:30:11 2022
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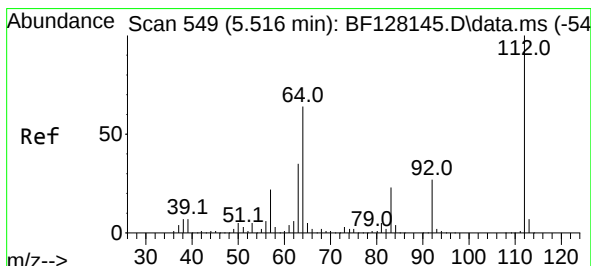
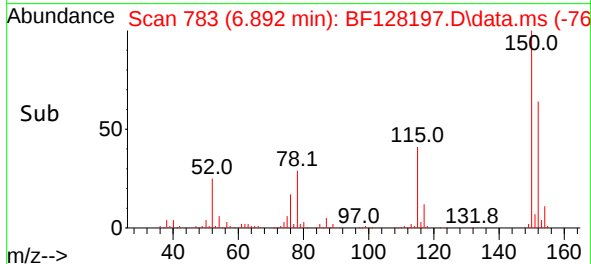
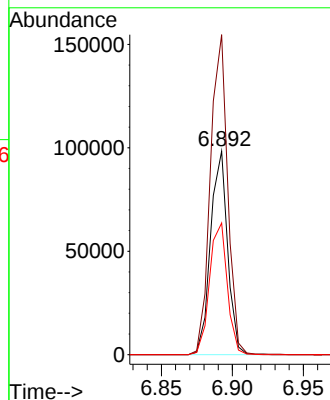
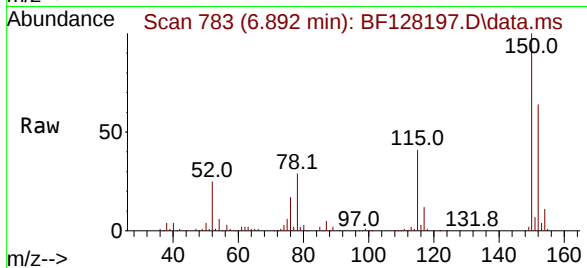




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

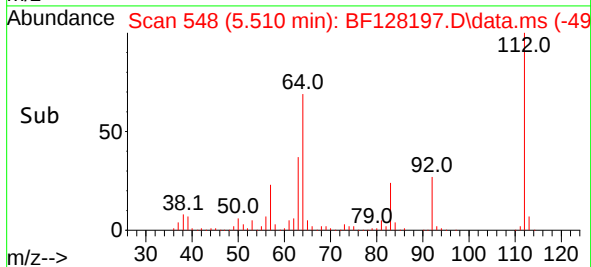
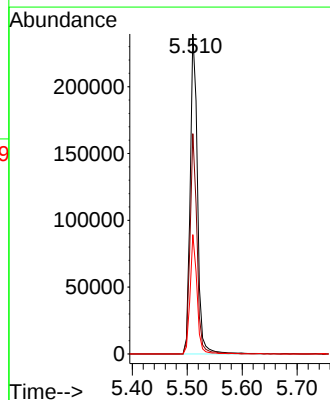
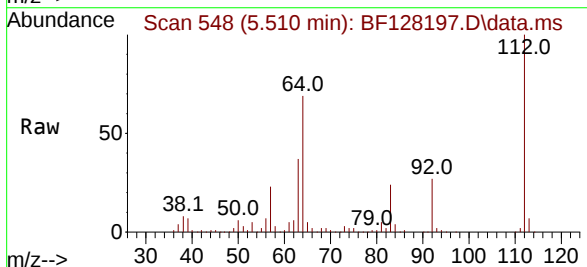
Instrument :
BNA_F
ClientSampleId :
TWP05

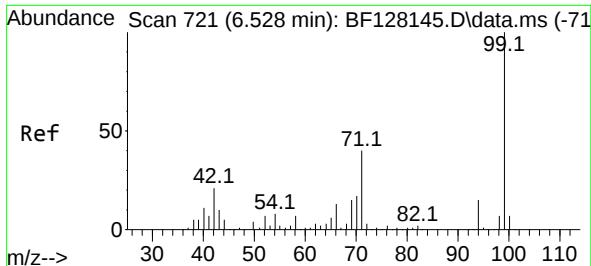
Tgt Ion:152 Resp: 81804
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 64.7 48.8 73.2



#5
2-Fluorophenol
Concen: 43.140 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:112 Resp: 221378
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.3 26.3 39.5

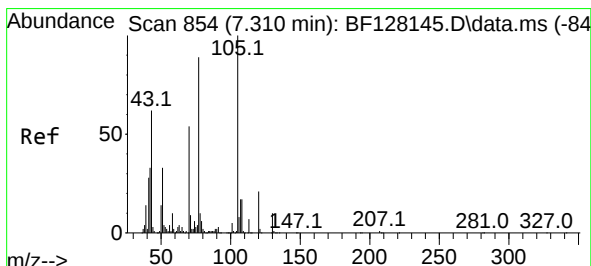
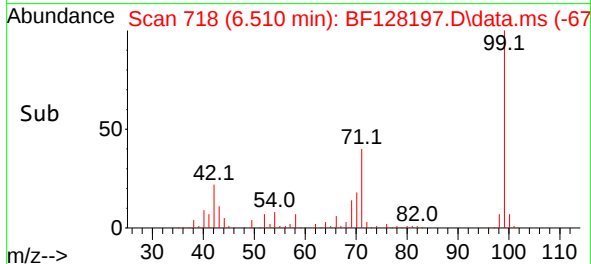
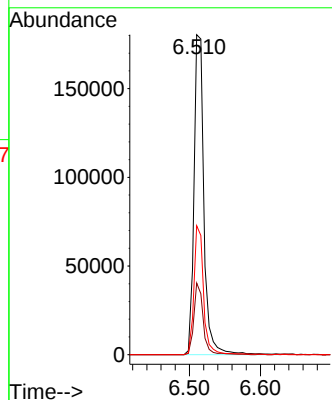
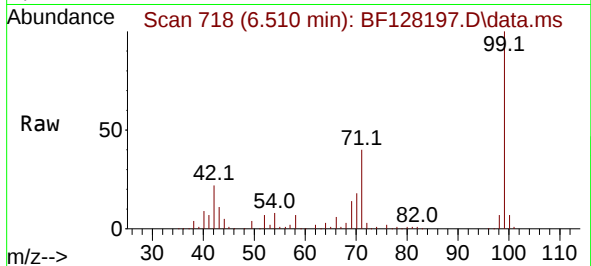




#7
Phenol-d6
Concen: 25.963 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

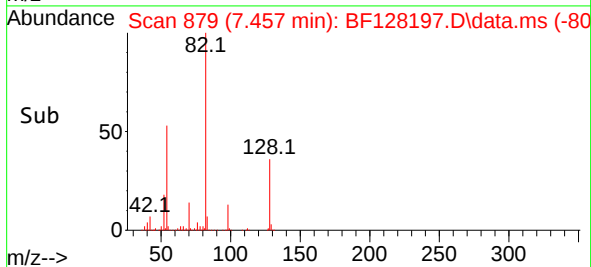
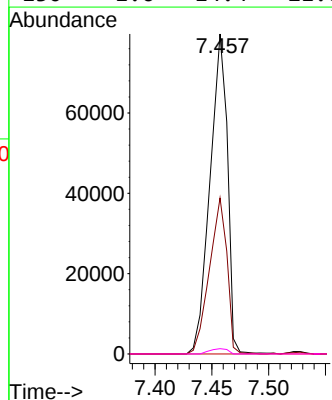
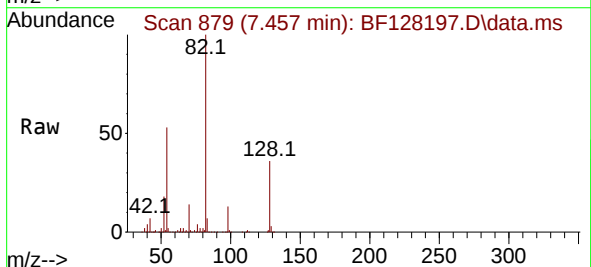
Instrument :
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ClientSampleId :
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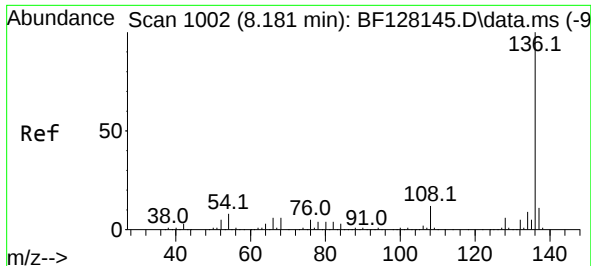
Tgt Ion: 99 Resp: 176219
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.353 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion: 70 Resp: 85070
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

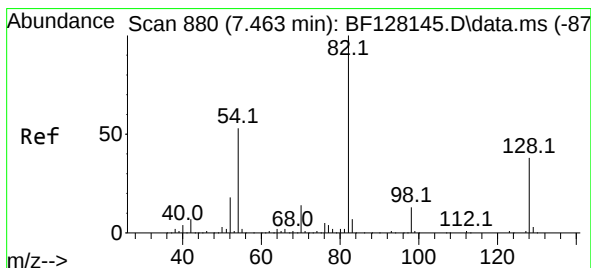
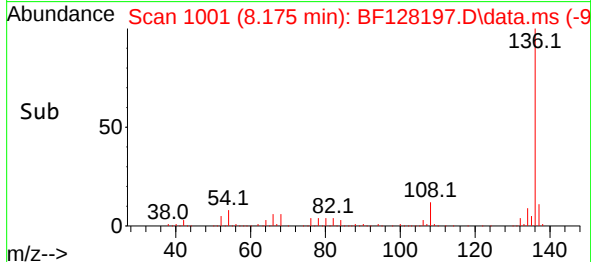
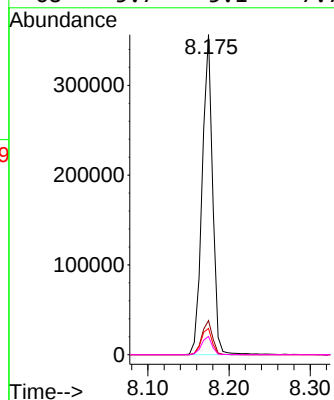
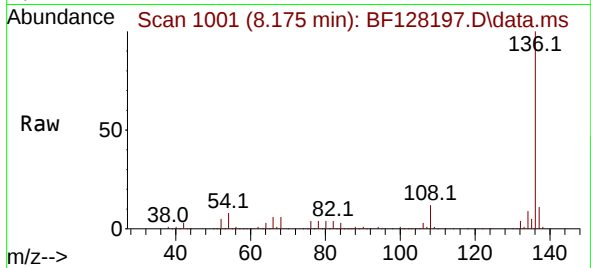




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

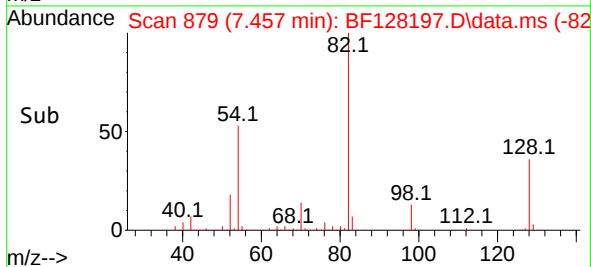
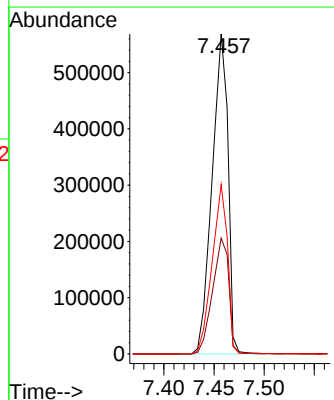
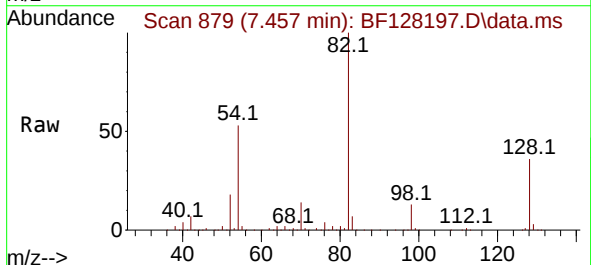
Instrument :
BNA_F
ClientSampleId :
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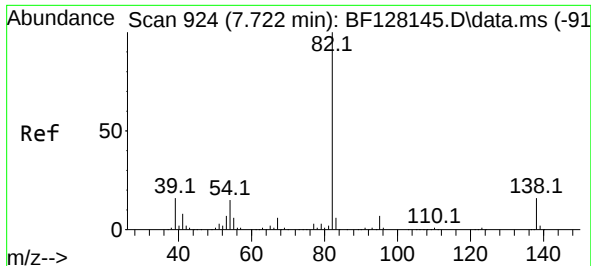
Tgt Ion:	136	Resp:	318876
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	6.8	10.2
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.602 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:	82	Resp:	627896
Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.0	45.0
54	52.9	41.3	61.9

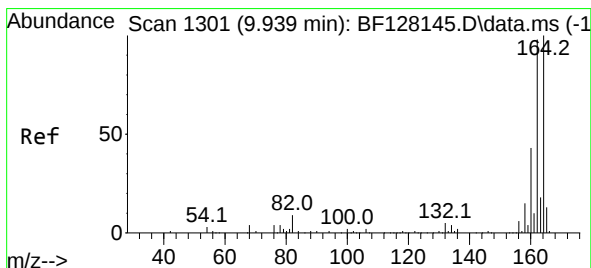
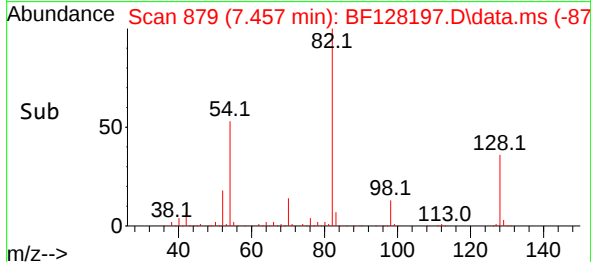
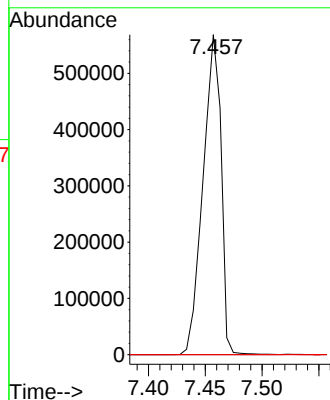
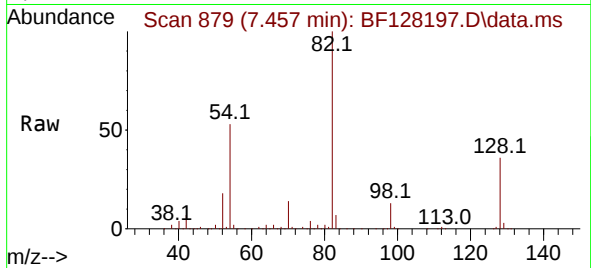




#25
Isophorone
Concen: 56.399 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

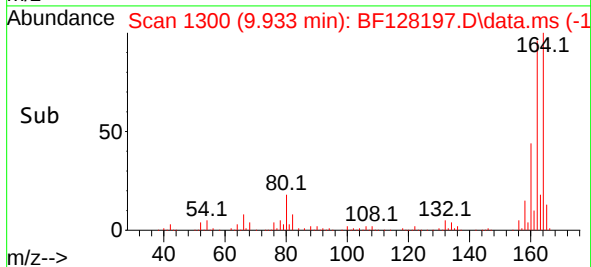
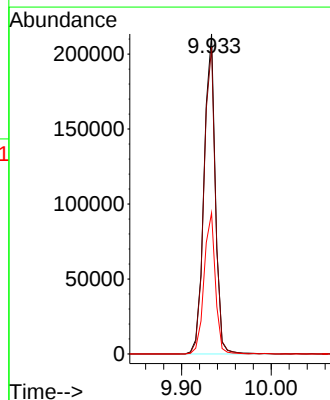
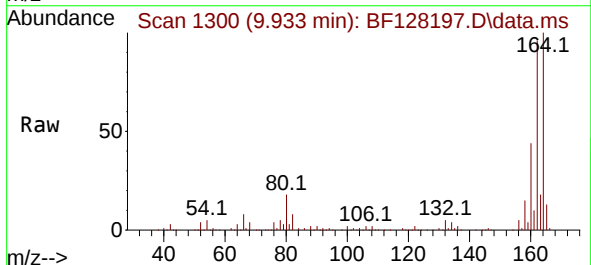
Instrument :
BNA_F
ClientSampleId :
TWP05

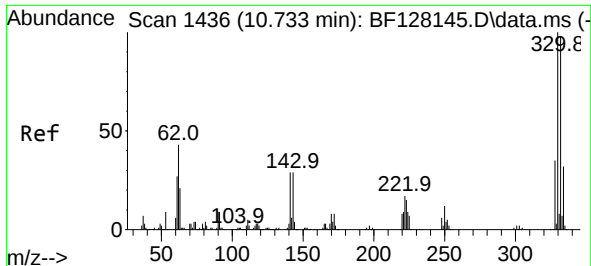
Tgt Ion: 82 Resp: 626603
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:164 Resp: 186536
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 44.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 88.748 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128197.D

Acq: 11 May 2022 16:23

Instrument :

BNA_F

ClientSampleId :

TWP05

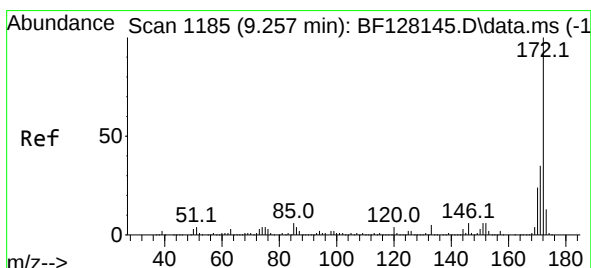
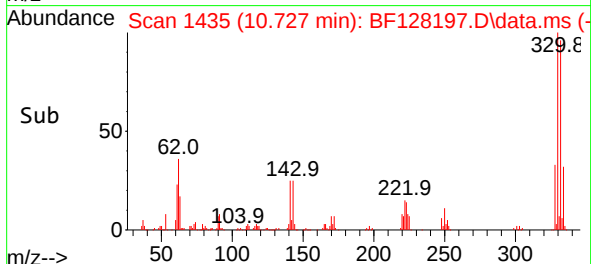
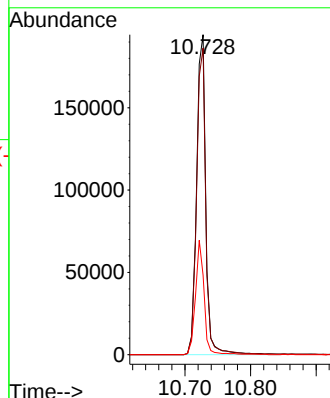
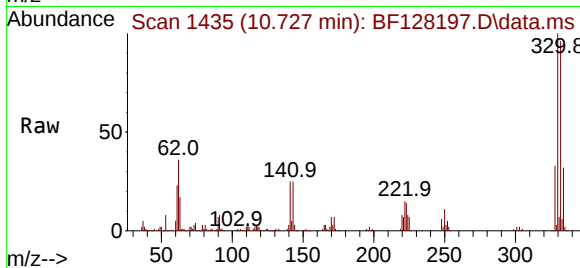
Tgt Ion:330 Resp: 189863

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 86.893 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128197.D

Acq: 11 May 2022 16:23

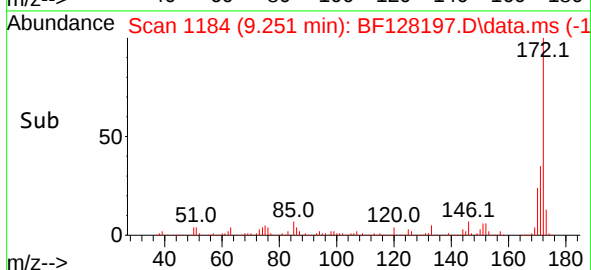
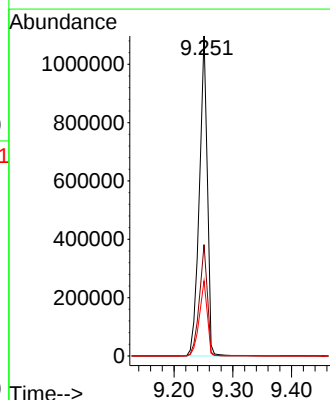
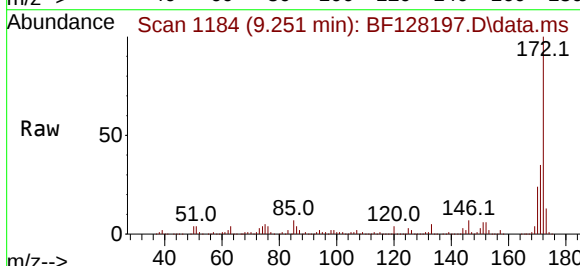
Tgt Ion:172 Resp: 1035899

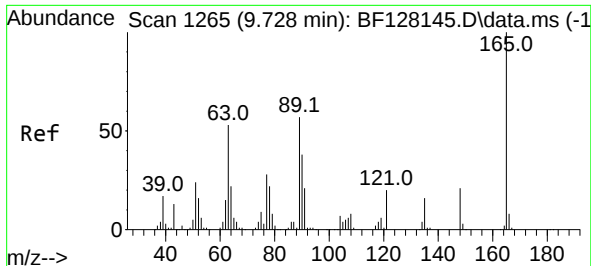
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.5 19.1 28.7

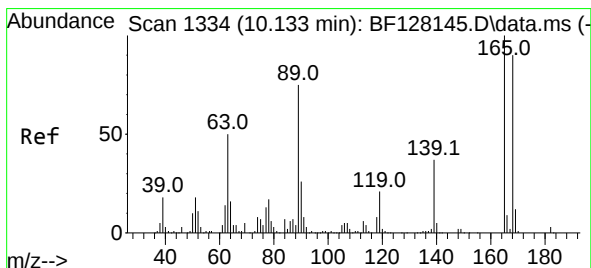
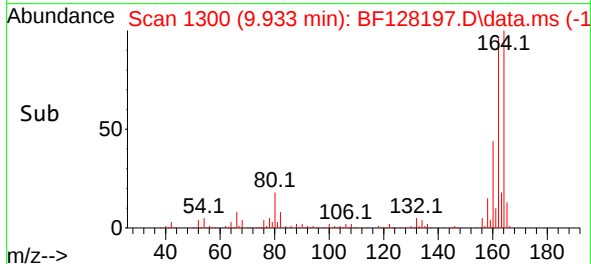
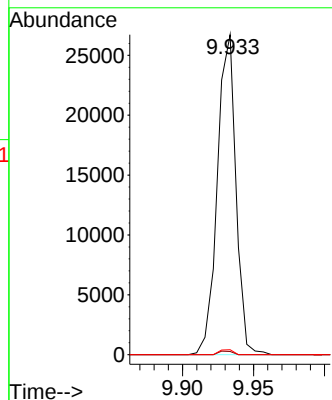
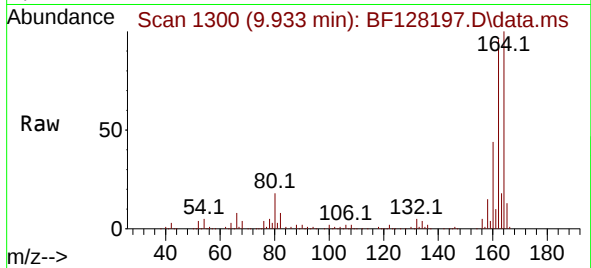




#51
2,6-Dinitrotoluene
Concen: 9.196 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

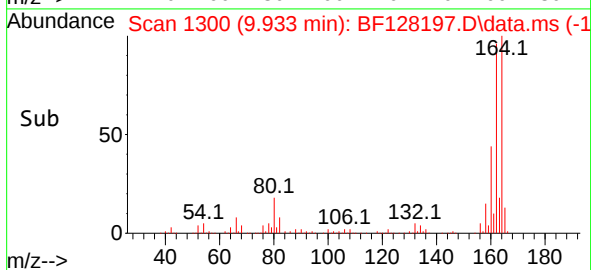
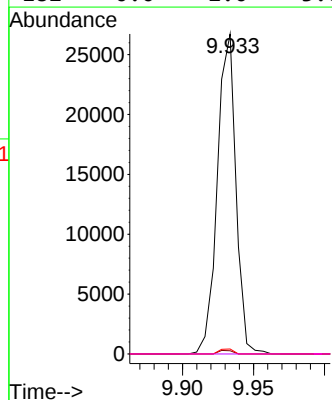
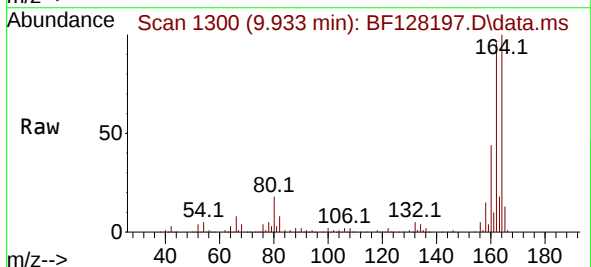
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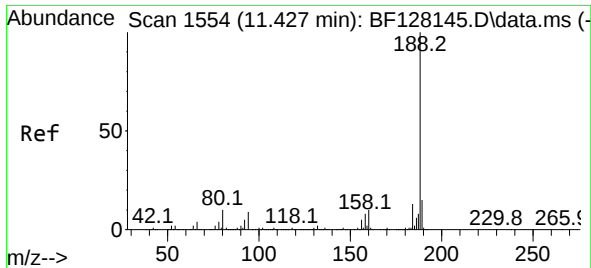
Tgt Ion:165 Resp: 24282
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:165 Resp: 24282
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

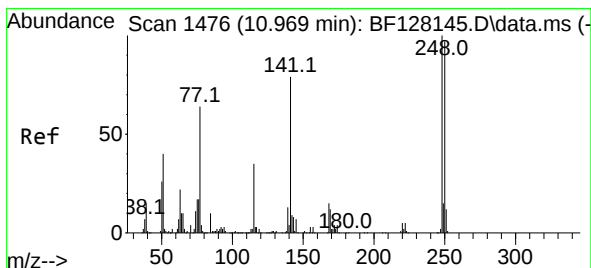
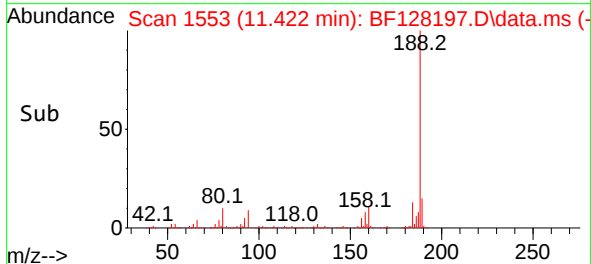
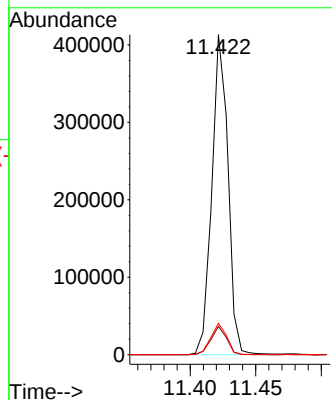
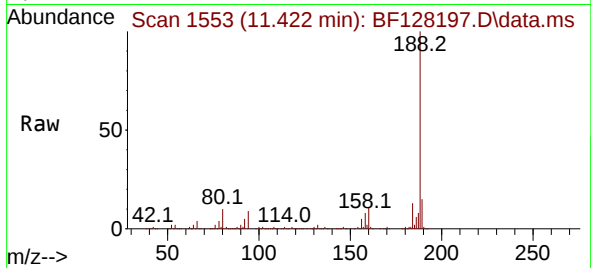




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

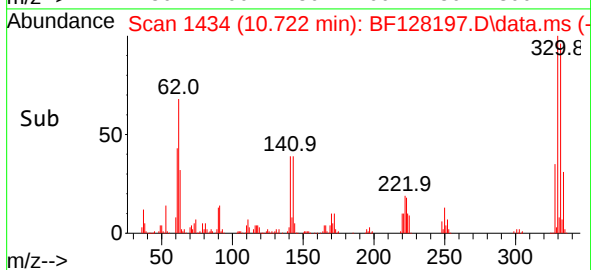
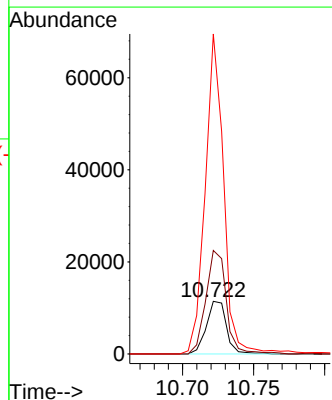
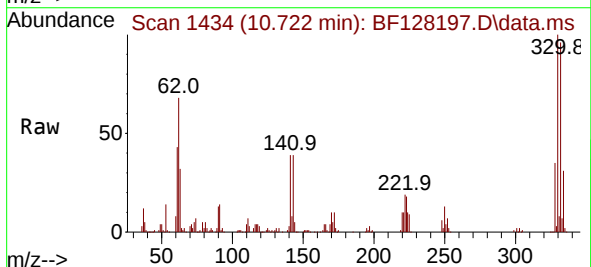
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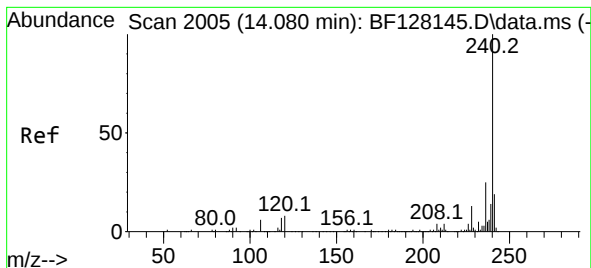
Tgt Ion:188 Resp: 353425
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.968 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:248 Resp: 11284
Ion Ratio Lower Upper
248 100
250 196.8 77.7 116.5#
141 608.2 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF128197.D

Acq: 11 May 2022 16:23

Instrument :

BNA_F

ClientSampleId :

TWP05

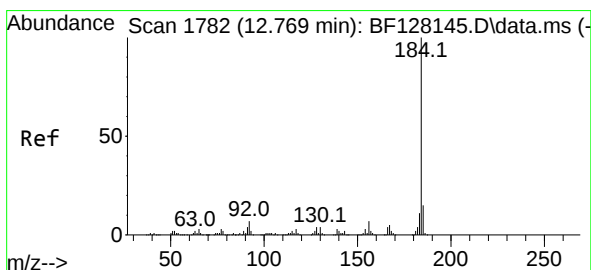
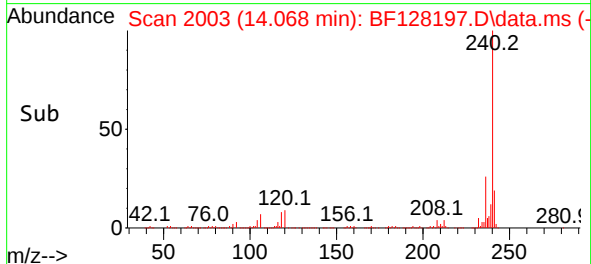
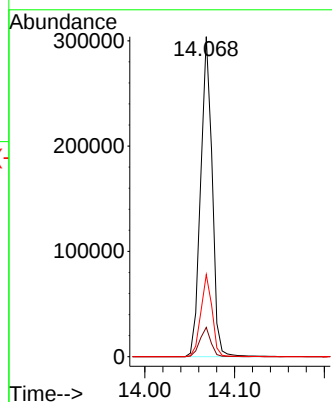
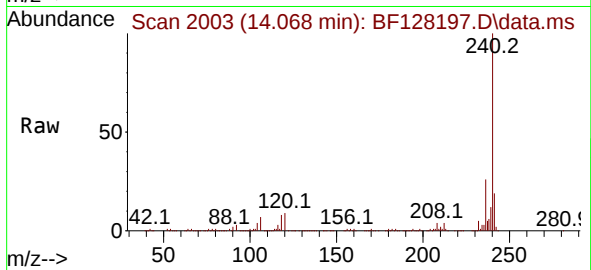
Tgt Ion:240 Resp: 270373

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

236 25.7 20.3 30.5



#77

Benidine

Concen: 3.130 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.247 min

Lab File: BF128197.D

Acq: 11 May 2022 16:23

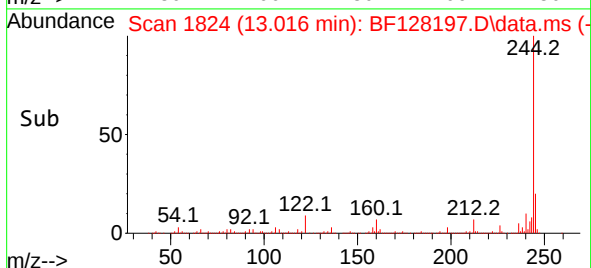
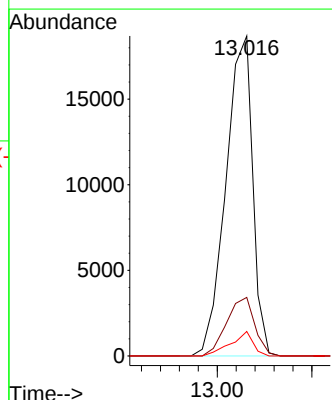
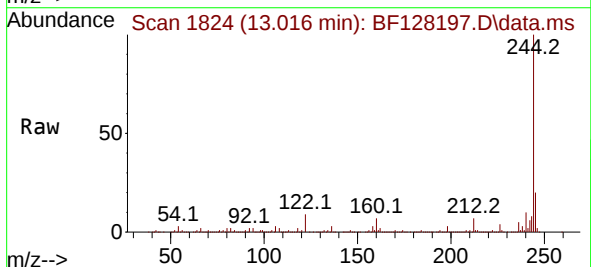
Tgt Ion:184 Resp: 18329

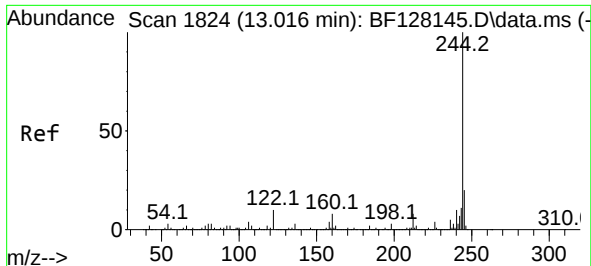
Ion Ratio Lower Upper

184 100

185 18.3 12.1 18.1#

183 7.6 9.0 13.4#

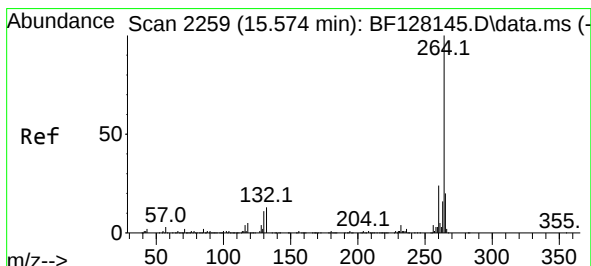
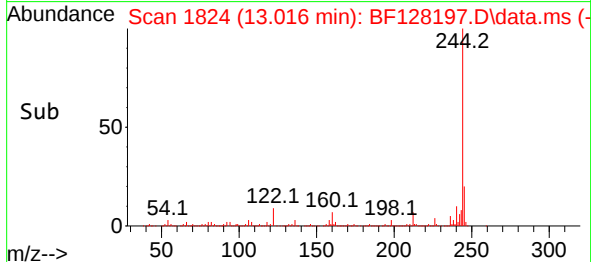
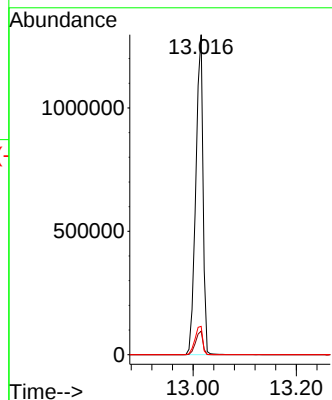
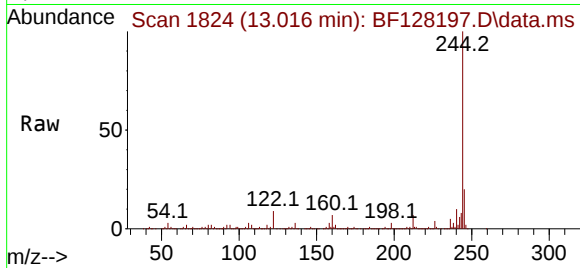




#79
 Terphenyl-d14
 Concen: 86.712 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128197.D
 Acq: 11 May 2022 16:23

Instrument :
 BNA_F
 ClientSampleId :
 TWP05

Tgt Ion:244 Resp: 1249434
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128197.D
 Acq: 11 May 2022 16:23

Tgt Ion:264 Resp: 200503
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.5 17.5 26.3

