

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127949.D
 Acq On : 27 Apr 2022 17:05
 Operator : CG\JU
 Sample : N2572-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-14S

Quant Time: Apr 27 17:33:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

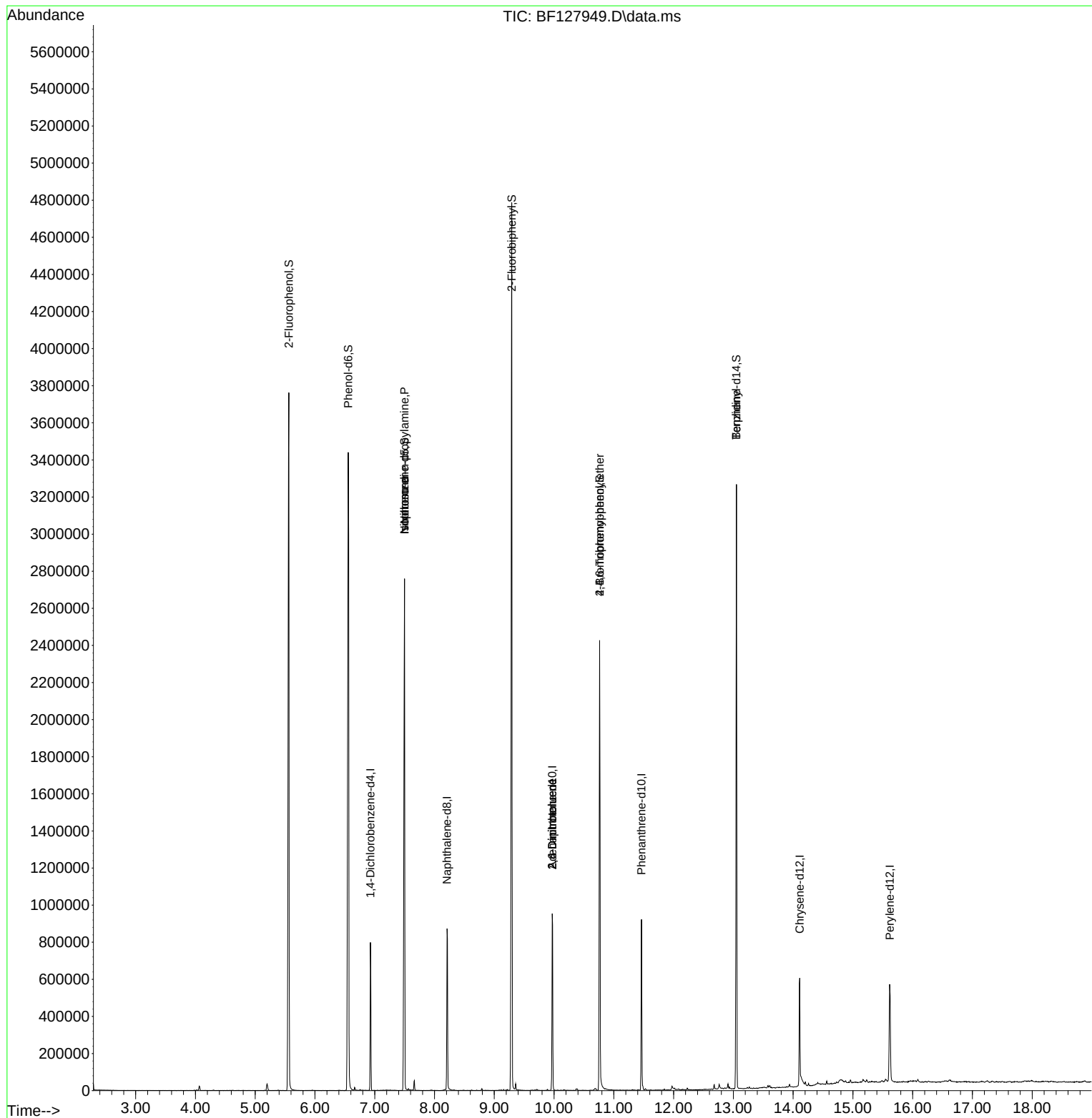
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107282	20.000	ng	-0.02
21) Naphthalene-d8	8.210	136	401987	20.000	ng	-0.02
39) Acenaphthene-d10	9.969	164	210376	20.000	ng	-0.02
64) Phenanthrene-d10	11.463	188	314482	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	197370	20.000	ng	-0.02
86) Perylene-d12	15.615	264	253070	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1080784	160.461	ng	0.00
7) Phenol-d6	6.557	99	1415305	161.938	ng	-0.01
23) Nitrobenzene-d5	7.498	82	1026549	120.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	273301	129.050	ng	-0.02
45) 2-Fluorobiphenyl	9.292	172	1516040	121.913	ng	-0.01
79) Terphenyl-d14	13.051	244	1061051	98.303	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	140416	26.246	ng	# 79
25) Isophorone	7.498	82	1026524	71.347	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	26766	8.762	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	26766	6.615	ng	# 27
67) 4-Bromophenyl-phenylether	10.763	248	17038	4.887	ng	# 1
77) Benizidine	13.051	184	15539	4.161	ng	# 92

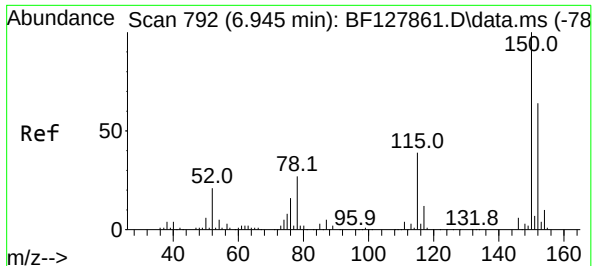
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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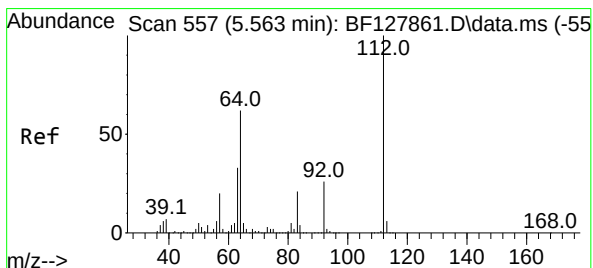
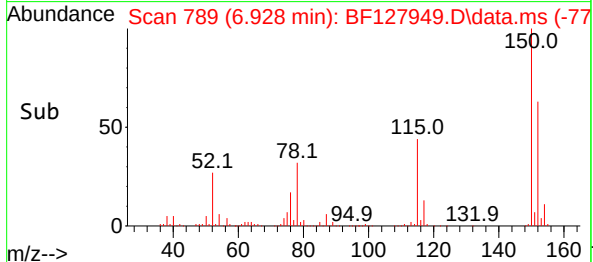
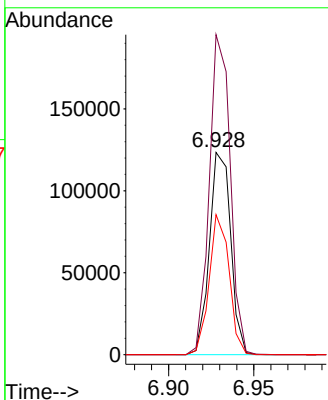
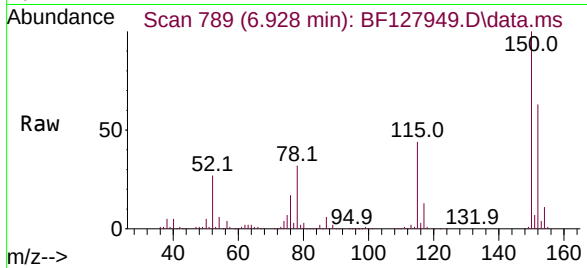




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.017 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

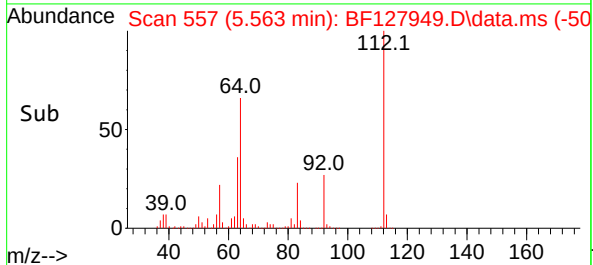
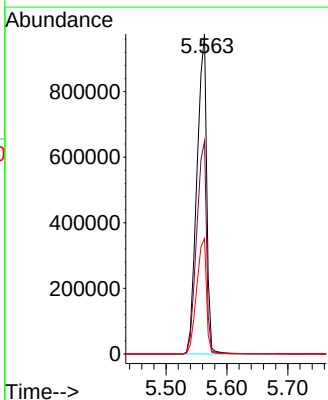
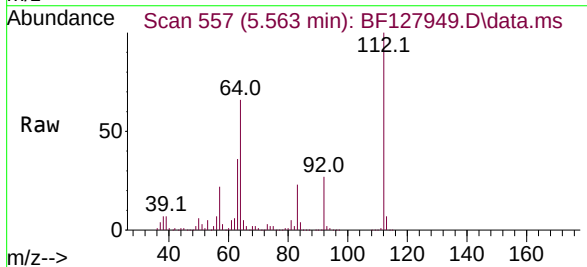
Instrument :
BNA_F
ClientSampleId :
MH-14S

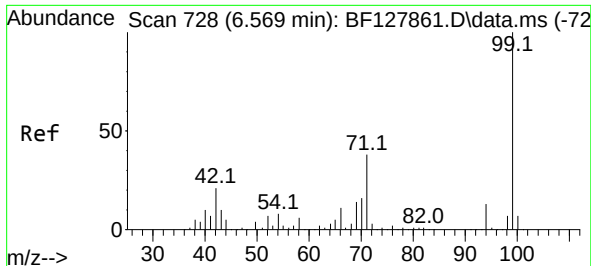
Tgt Ion:152 Resp: 107282
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 69.2 48.8 73.2



#5
2-Fluorophenol
Concen: 160.461 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion:112 Resp: 1080784
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 36.1 26.3 39.5

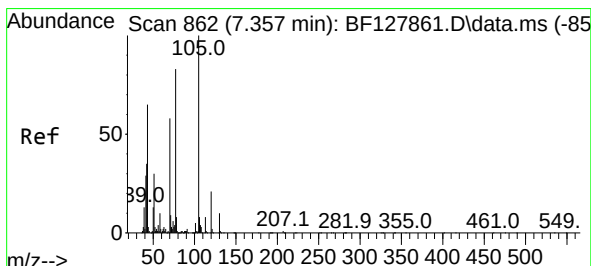
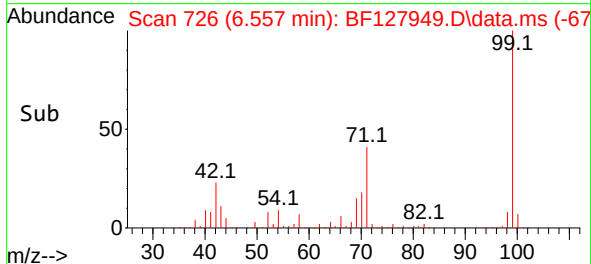
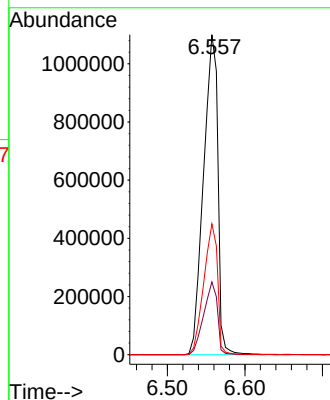
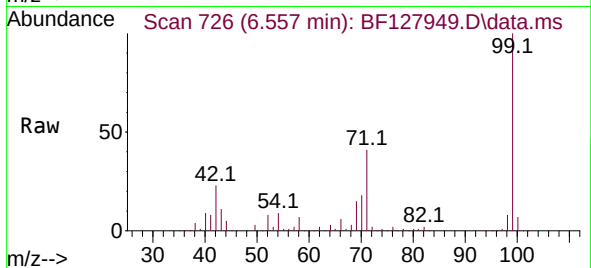




#7
Phenol-d6
Concen: 161.938 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

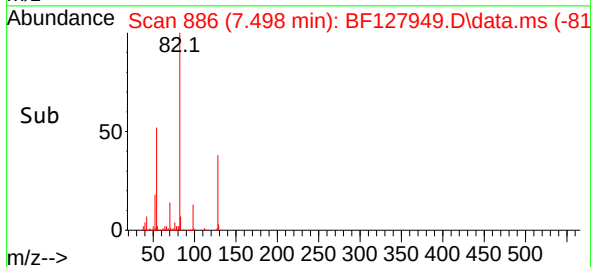
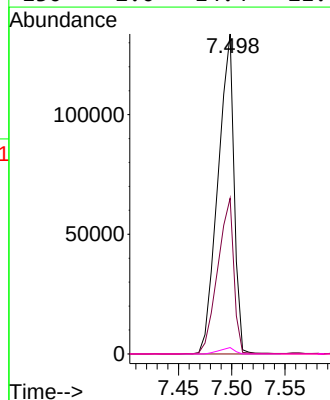
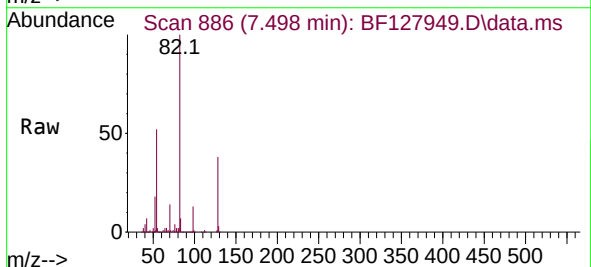
Instrument :
BNA_F
ClientSampleId :
MH-14S

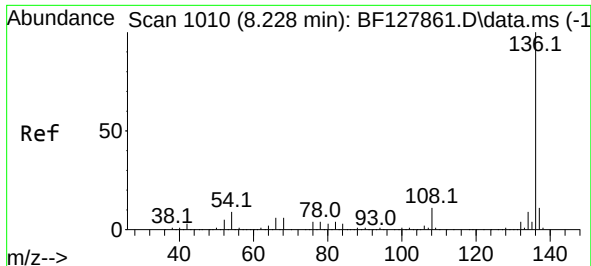
Tgt Ion: 99 Resp: 1415305
Ion Ratio Lower Upper
99 100
42 22.7 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 26.246 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion: 70 Resp: 140416
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#



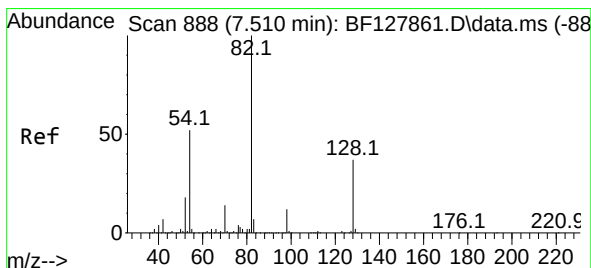
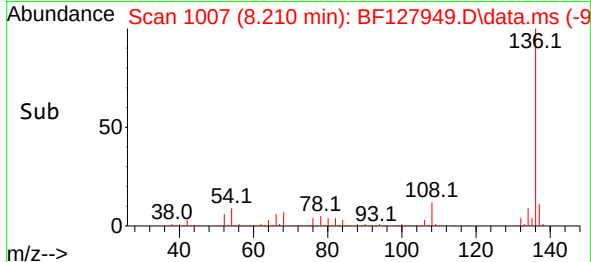
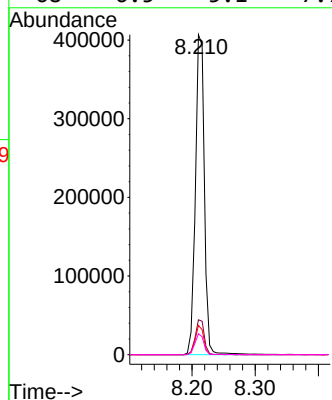
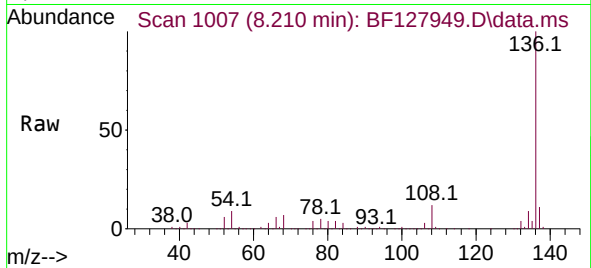


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Instrument :
BNA_F
ClientSampleId :
MH-14S

Tgt Ion:136 Resp: 401987

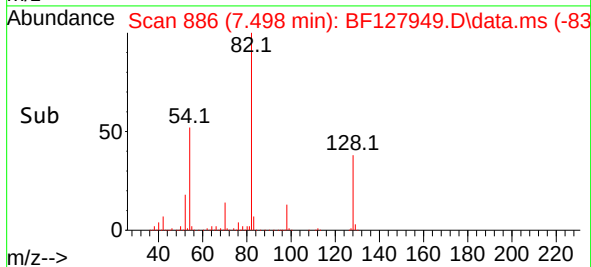
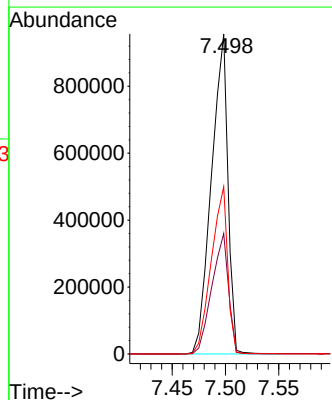
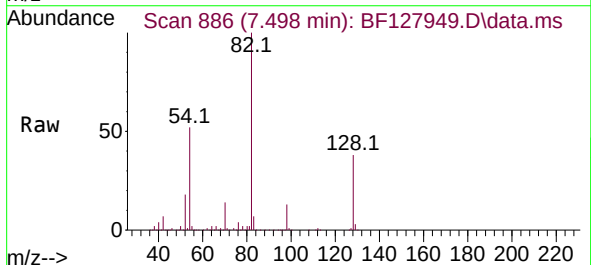
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	6.8	10.2
68	6.5	5.1	7.7

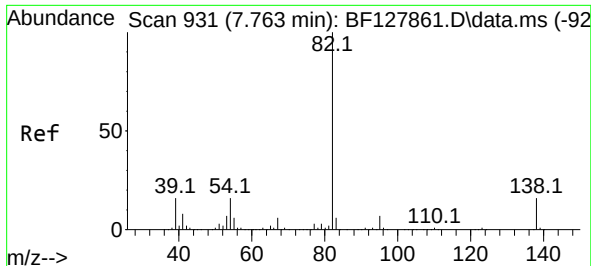


#23
Nitrobenzene-d5
Concen: 120.085 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion: 82 Resp: 1026549

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	52.3	41.3	61.9

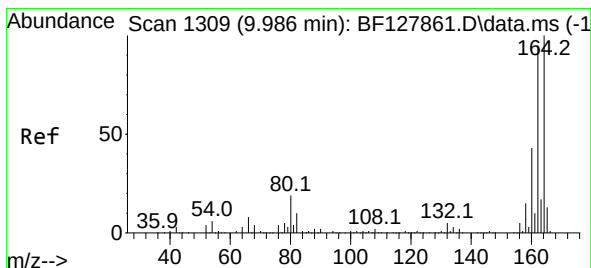
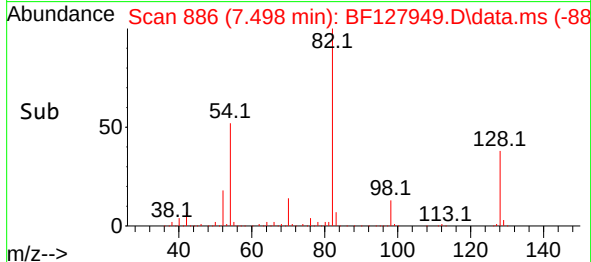
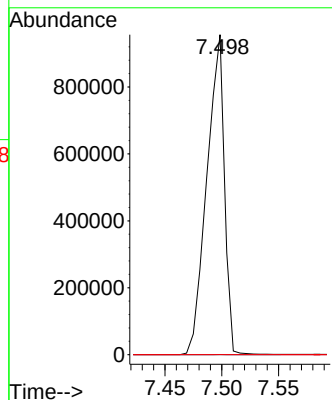
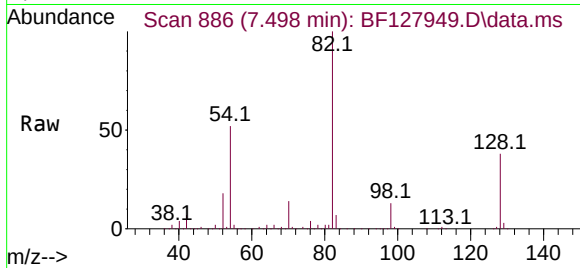




#25
Isophorone
Concen: 71.347 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

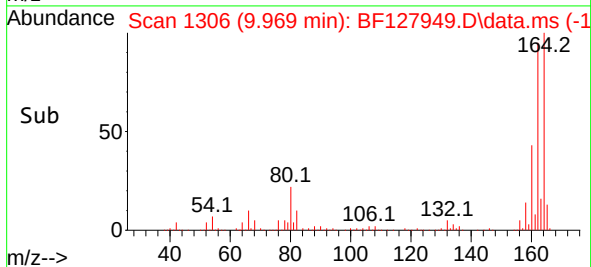
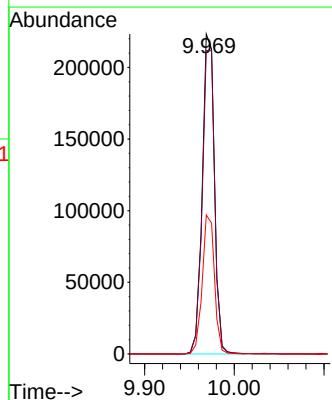
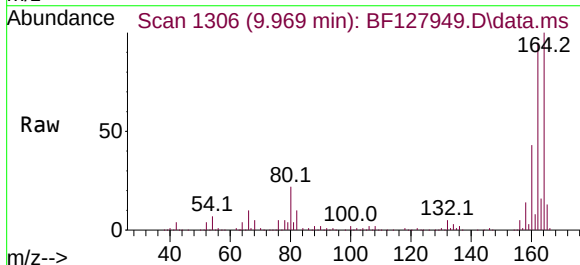
Instrument :
BNA_F
ClientSampleId :
MH-14S

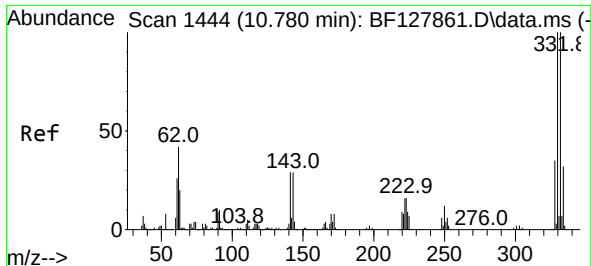
Tgt Ion: 82 Resp: 1026524
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion: 164 Resp: 210376
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 43.5 34.8 52.2

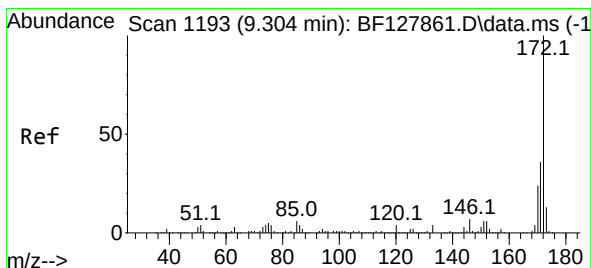
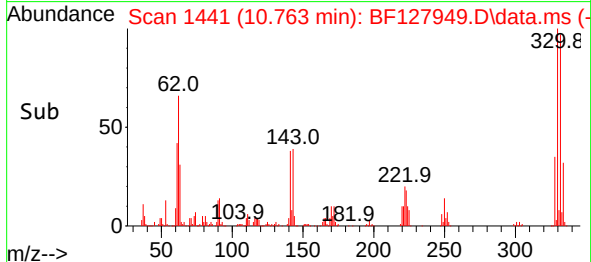
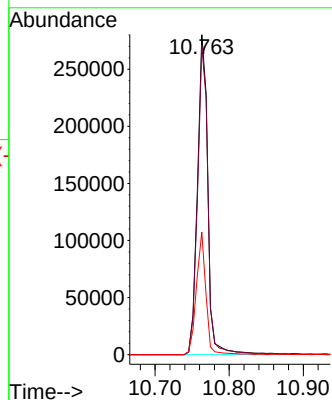
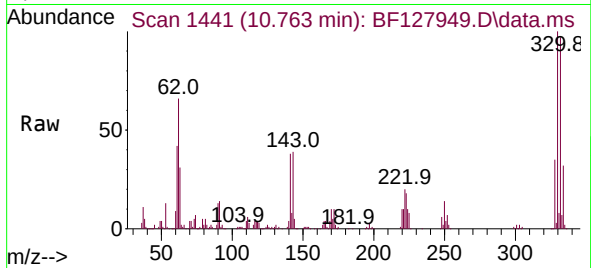




#42
2,4,6-Tribromophenol
Concen: 129.050 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

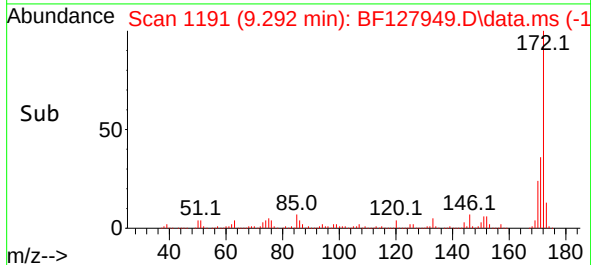
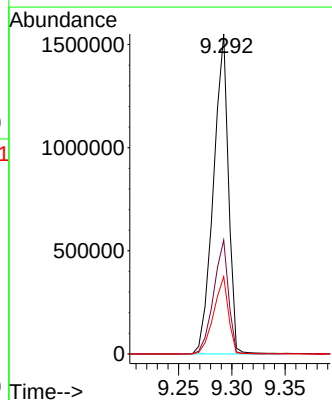
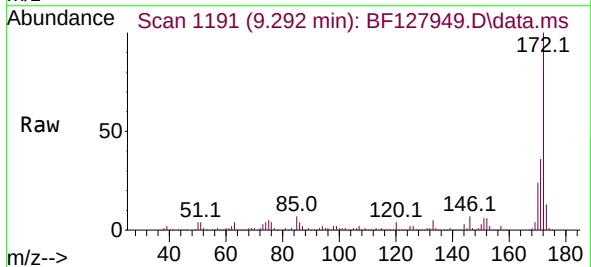
Instrument :
BNA_F
ClientSampleId :
MH-14S

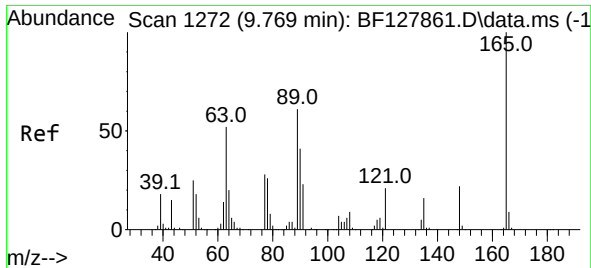
Tgt Ion:330 Resp: 273301
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 35.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 121.913 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion:172 Resp: 1516040
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.1 19.1 28.7

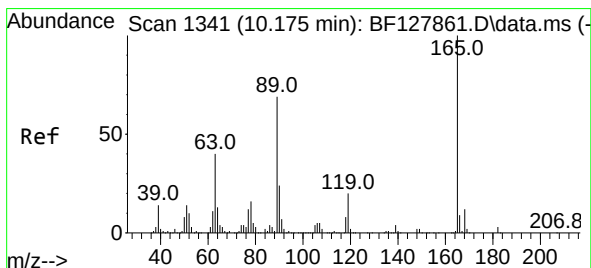
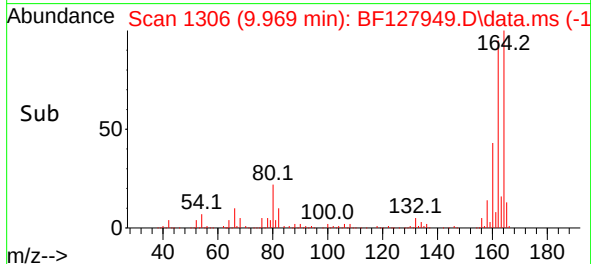
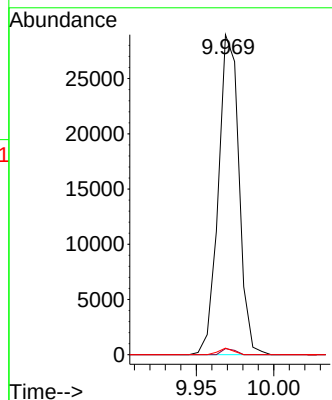
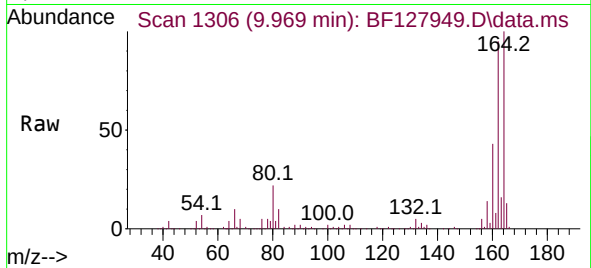




#51
2,6-Dinitrotoluene
Concen: 8.762 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

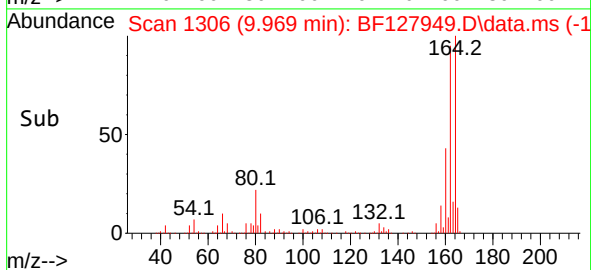
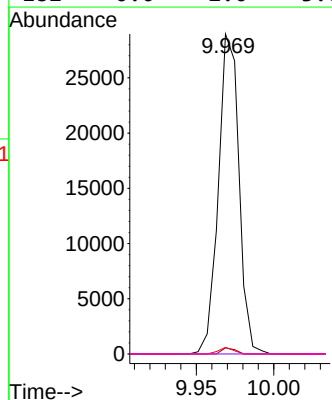
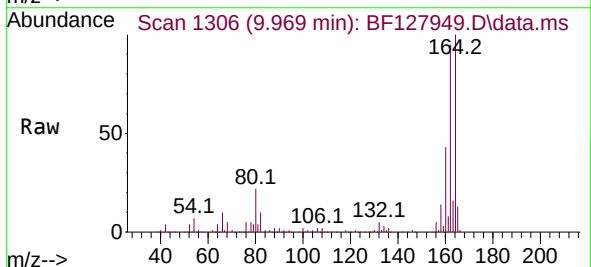
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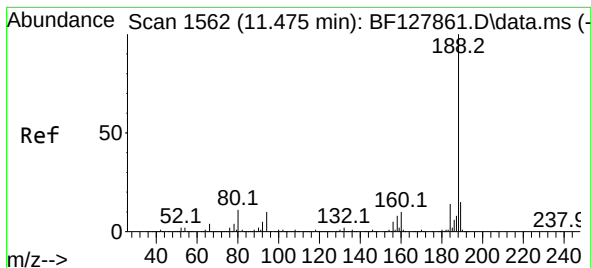
Tgt Ion:165 Resp: 26766
Ion Ratio Lower Upper
165 100
63 1.9 49.5 74.3#
89 2.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.615 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.206 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion:165 Resp: 26766
Ion Ratio Lower Upper
165 100
63 1.9 32.6 49.0#
89 2.0 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127949.D

Acq: 27 Apr 2022 17:05

Instrument :

BNA_F

ClientSampleId :

MH-14S

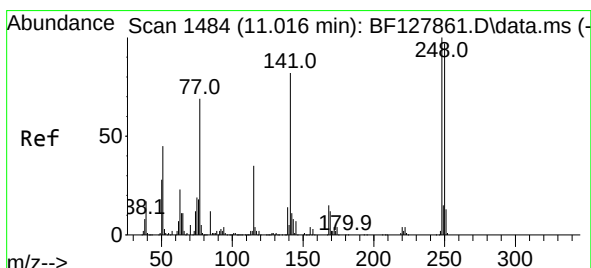
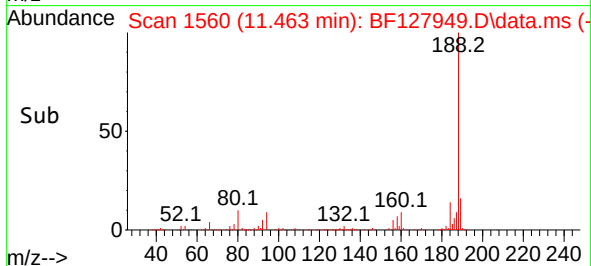
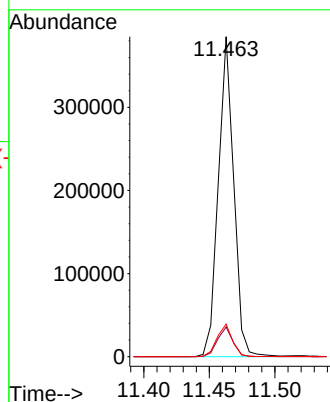
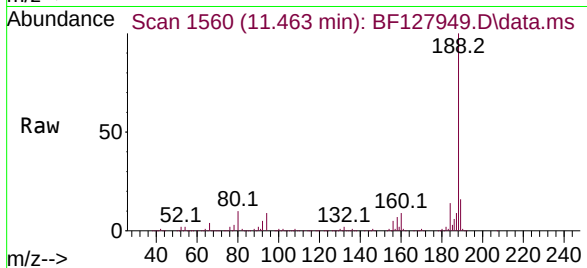
Tgt Ion:188 Resp: 314482

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 10.1 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.887 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.253 min

Lab File: BF127949.D

Acq: 27 Apr 2022 17:05

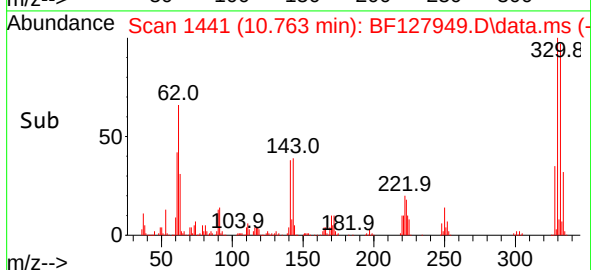
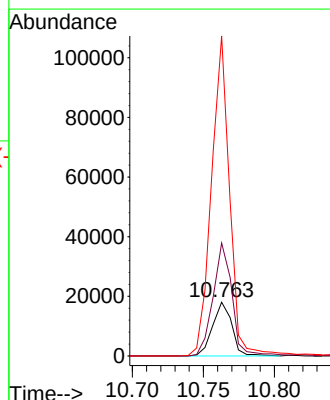
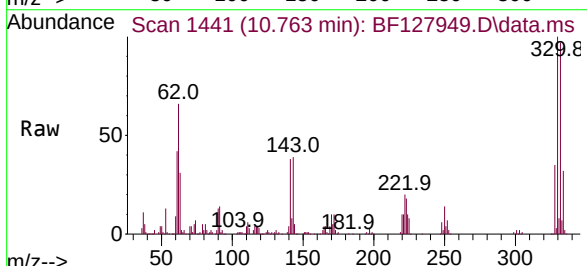
Tgt Ion:248 Resp: 17038

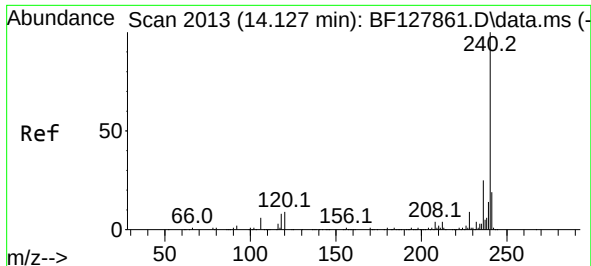
Ion Ratio Lower Upper

248 100

250 209.9 77.7 116.5#

141 594.9 65.6 98.4#

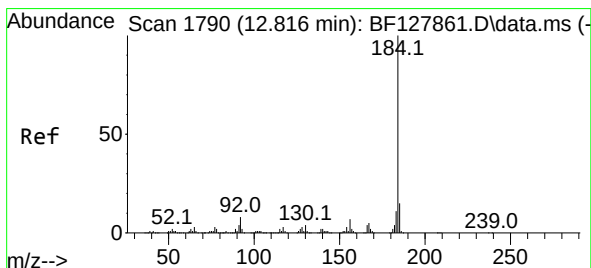
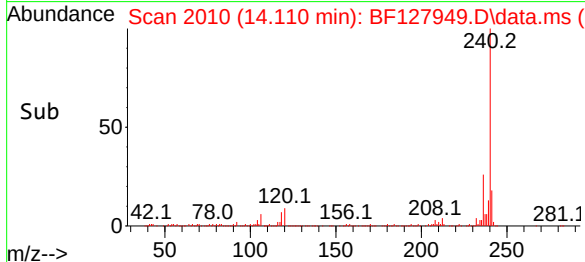
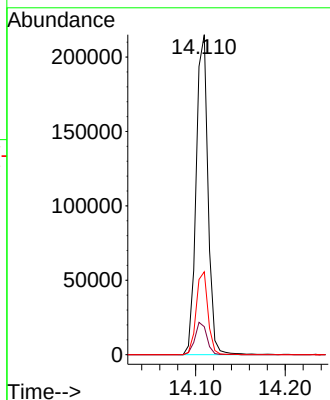
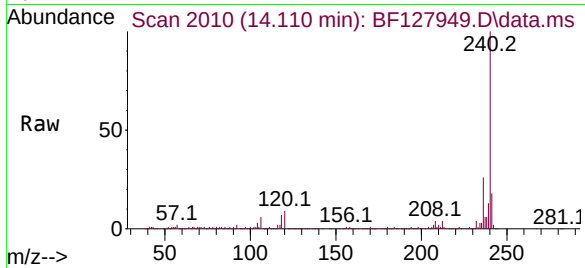




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

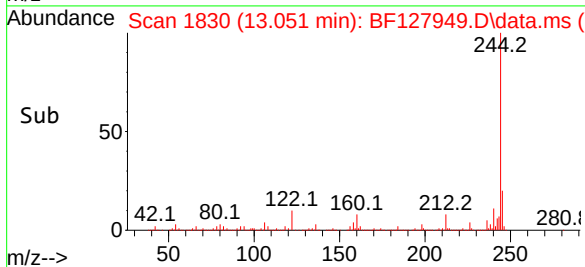
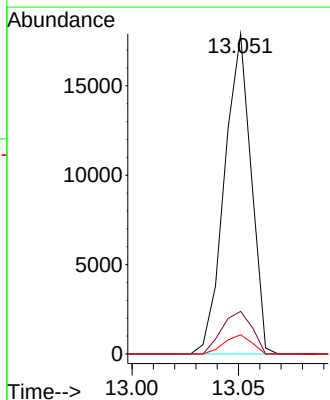
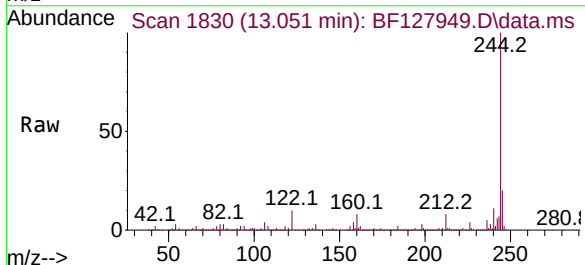
Instrument :
BNA_F
ClientSampleId :
MH-14S

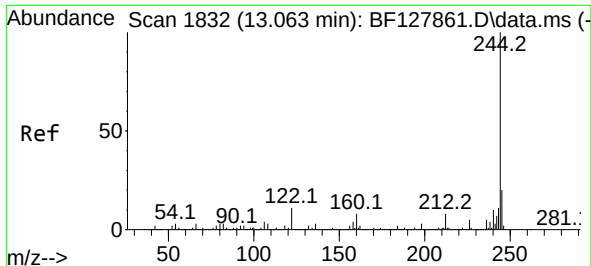
Tgt Ion:240 Resp: 197370
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 4.161 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.235 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion:184 Resp: 15539
Ion Ratio Lower Upper
184 100
185 13.3 12.1 18.1
183 6.0 9.0 13.4#

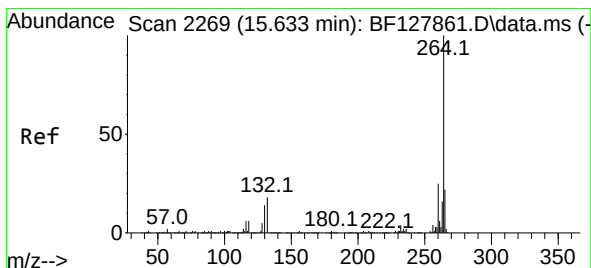
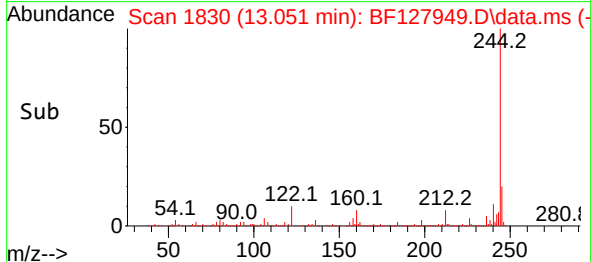
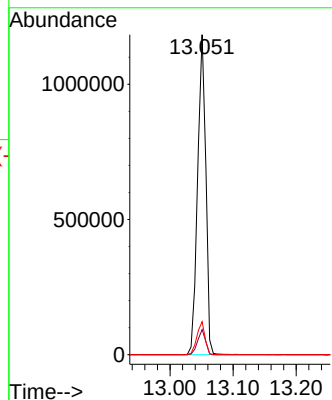
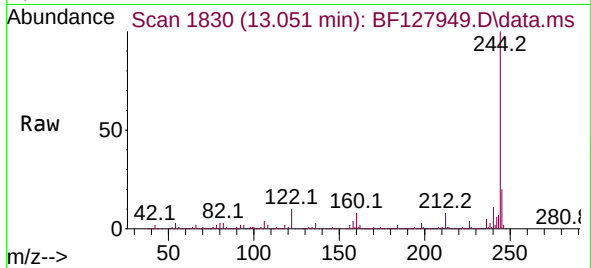




#79
 Terphenyl-d14
 Concen: 98.303 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF127949.D
 Acq: 27 Apr 2022 17:05

Instrument :
 BNA_F
 ClientSampleId :
 MH-14S

Tgt Ion:244 Resp: 1061051
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF127949.D
 Acq: 27 Apr 2022 17:05

Tgt Ion:264 Resp: 253070
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.7 17.5 26.3

