

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143127.D
 Acq On : 17 Jul 2025 00:37
 Operator : RC/JU
 Sample : Q2614-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-MCN-COMP-01

Quant Time: Jul 17 03:47:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

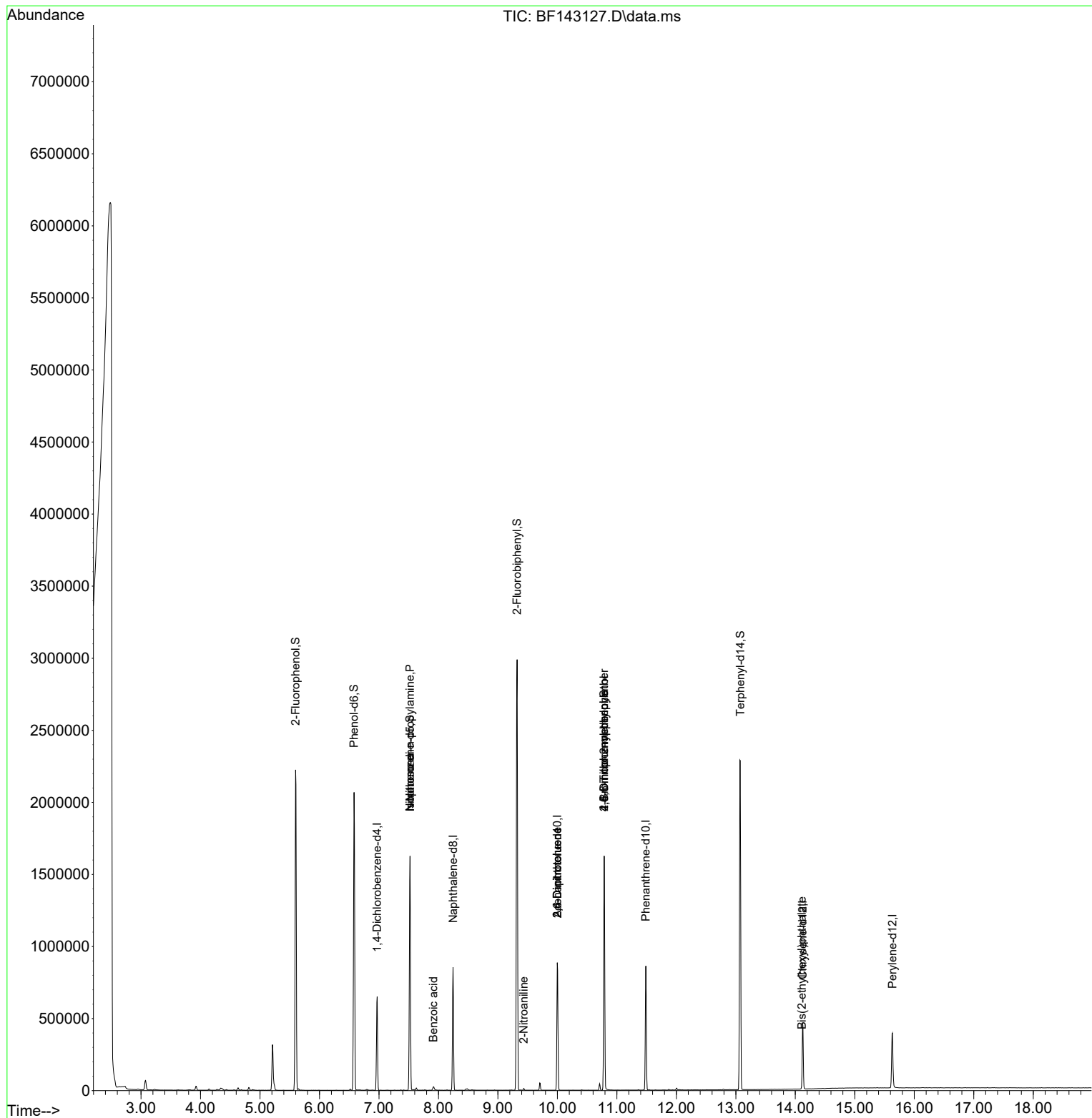
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	133879	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	507038	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	260806	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	420324	20.000	ng	0.00
76) Chrysene-d12	14.121	240	221792	20.000	ng	0.00
86) Perylene-d12	15.633	264	225764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	819443	96.704	ng	0.01
7) Phenol-d6	6.581	99	958300	89.969	ng	0.00
23) Nitrobenzene-d5	7.522	82	698847	77.320	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	271480	116.741	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1337815	68.186	ng	0.00
79) Terphenyl-d14	13.074	244	1146499	75.565	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.522	70	96497	14.788	ng	# 79
25) Isophorone	7.522	82	697273	39.913	ng	# 65
32) Benzoic acid	7.916	122	8309	8.298	ng	99
48) 2-Nitroaniline	9.433	65	195	3.215	ng	# 8
51) 2,6-Dinitrotoluene	9.998	165	32484	12.231	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	32484	10.854	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	606	5.867	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16480	3.448	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.110	149	321	3.459	ng	# 53

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

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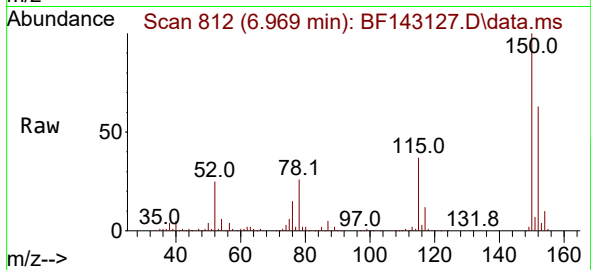
Quant Time: Jul 17 03:47:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
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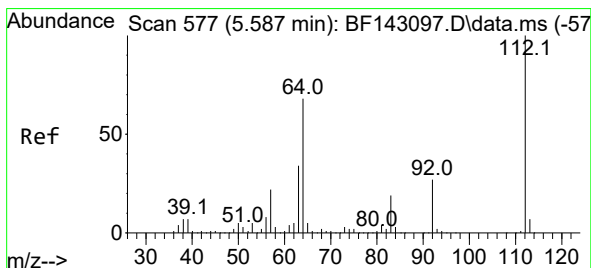
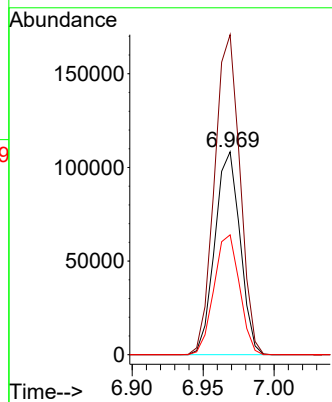
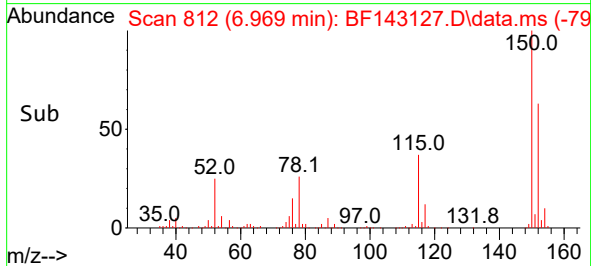


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

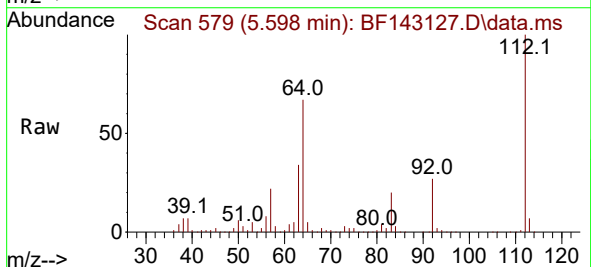
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01



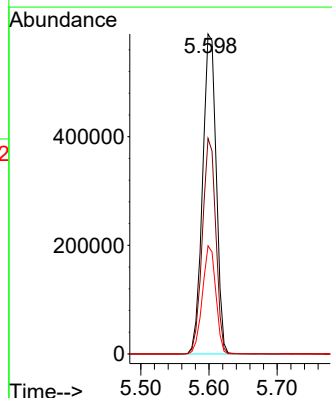
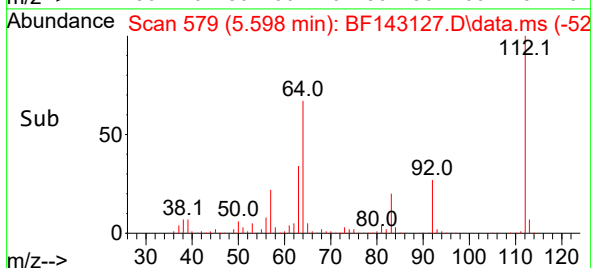
Tgt Ion:152 Resp: 133879
Ion Ratio Lower Upper
152 100
150 157.7 126.5 189.7
115 59.1 47.0 70.6

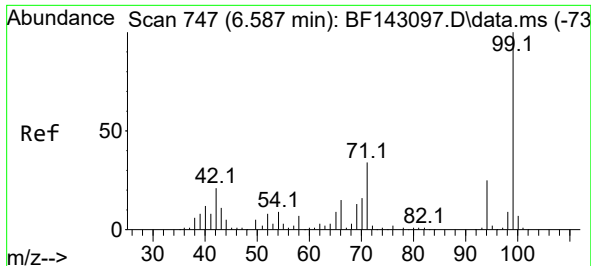


#5
2-Fluorophenol
Concen: 96.704 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37



Tgt Ion:112 Resp: 819443
Ion Ratio Lower Upper
112 100
64 67.4 54.6 82.0
63 33.8 27.3 40.9

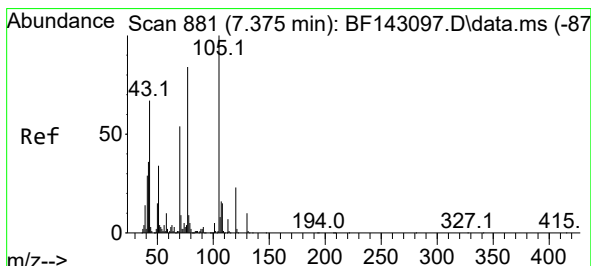
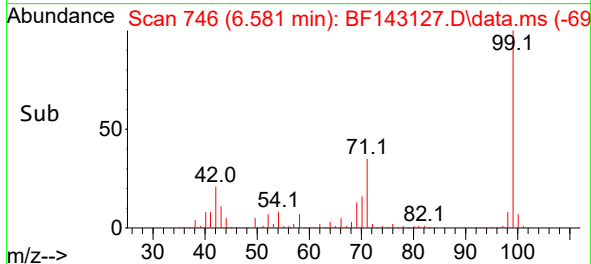
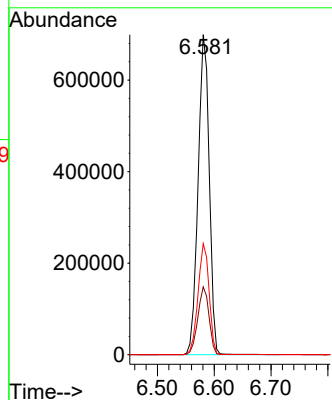
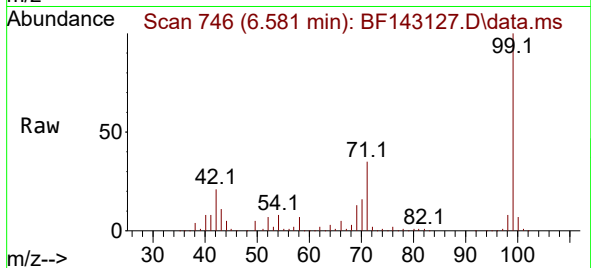




#7
Phenol-d6
Concen: 89.969 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

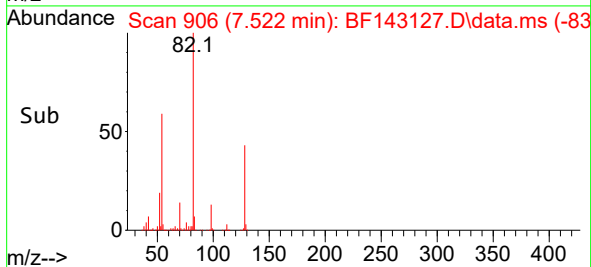
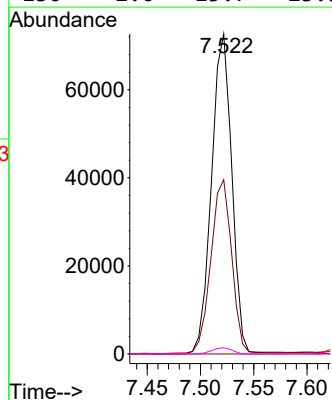
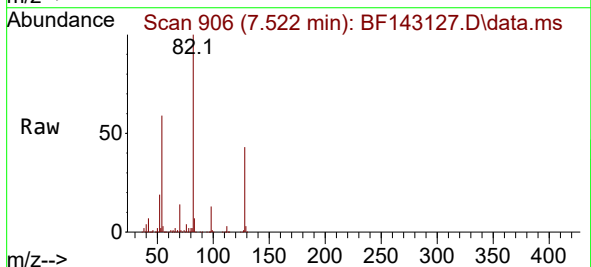
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

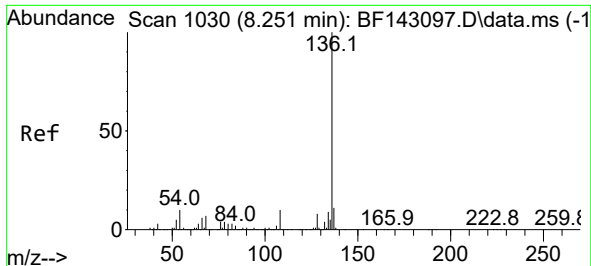
Tgt Ion: 99 Resp: 958300
Ion Ratio Lower Upper
99 100
42 21.2 17.2 25.8
71 34.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.788 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion: 70 Resp: 96497
Ion Ratio Lower Upper
70 100
42 54.5 53.2 79.8
101 0.0 7.5 11.3#
130 2.0 15.7 23.5#



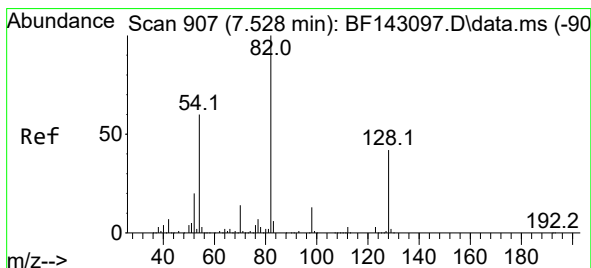
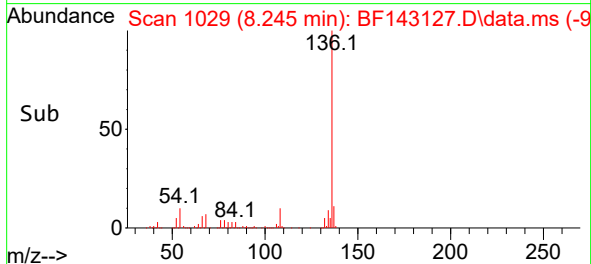
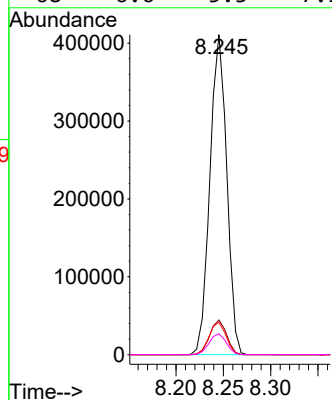
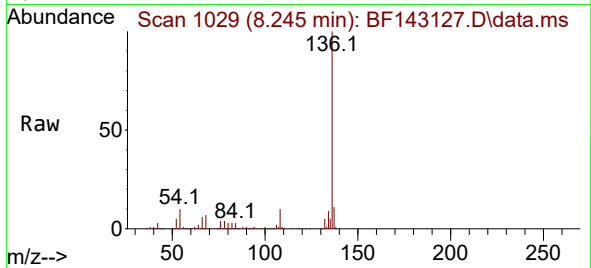


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

Tgt Ion:136 Resp: 507038

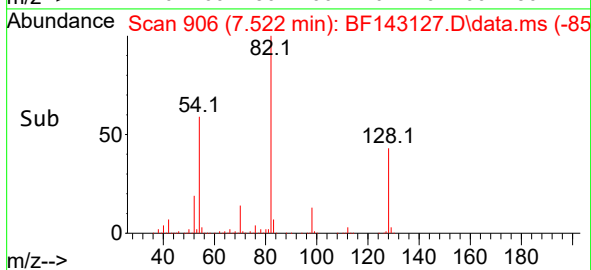
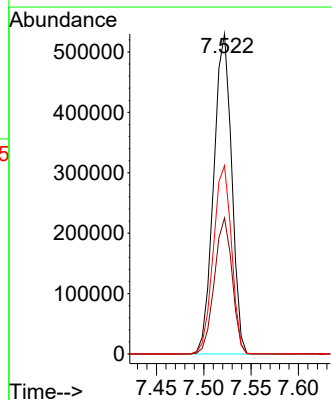
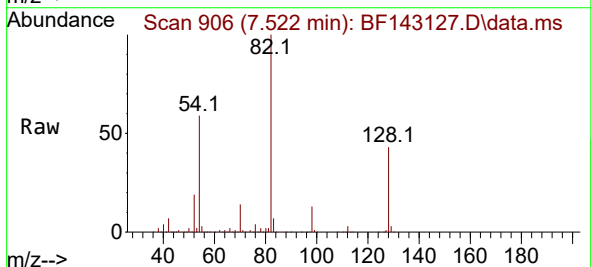
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.2	8.3	12.5
68	6.6	5.3	7.9

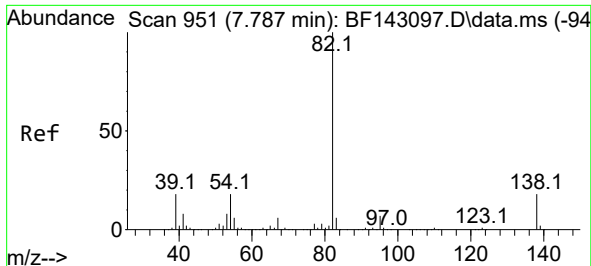


#23
Nitrobenzene-d5
Concen: 77.320 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion: 82 Resp: 698847

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	58.9	47.4	71.2

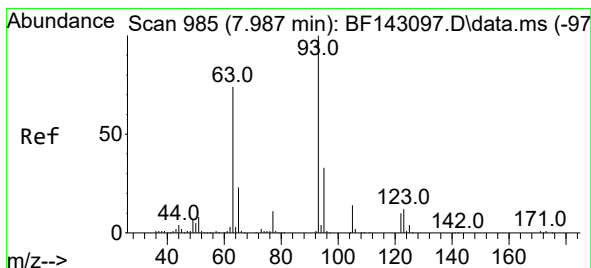
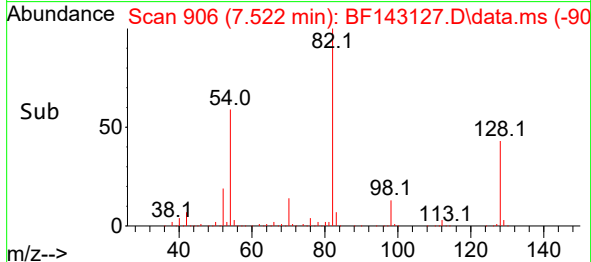
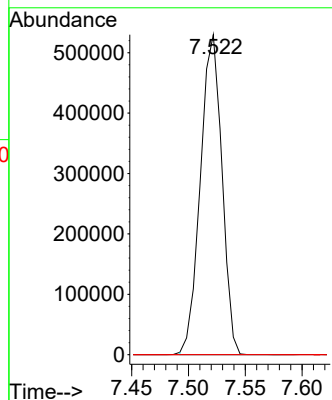
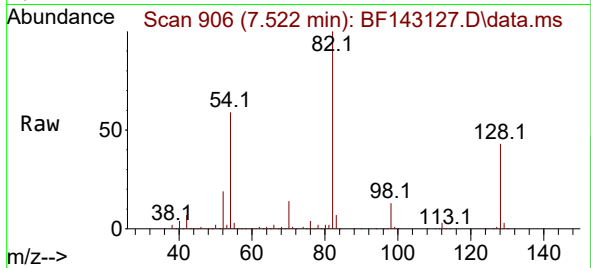




#25
Isophorone
Concen: 39.913 ng
RT: 7.522 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

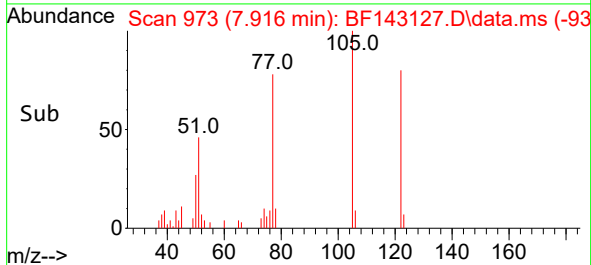
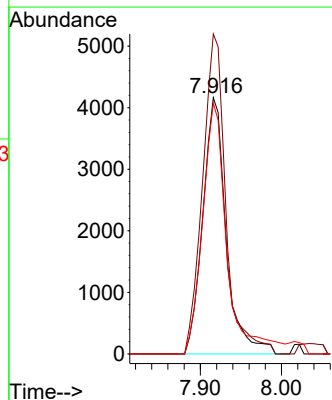
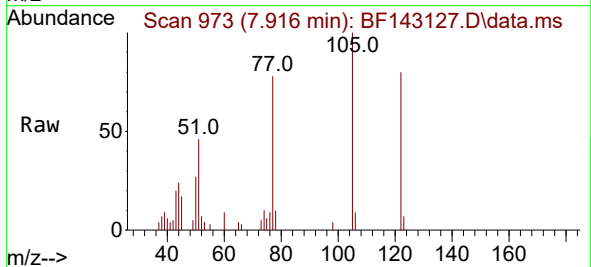
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

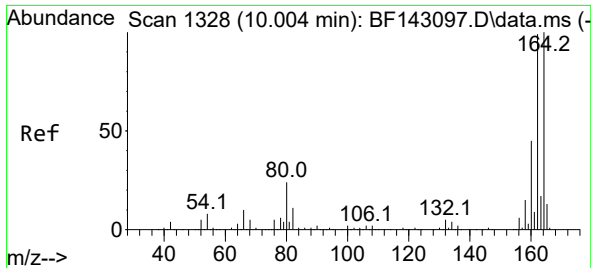
Tgt Ion: 82 Resp: 697273
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#32
Benzoic acid
Concen: 8.298 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.071 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

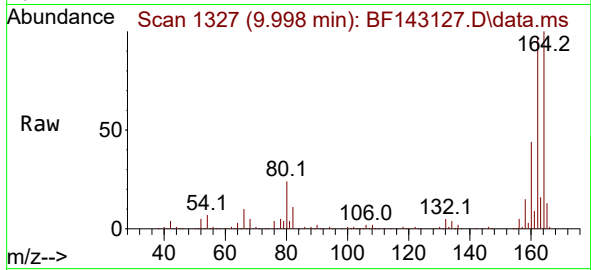
Tgt Ion:122 Resp: 8309
Ion Ratio Lower Upper
122 100
105 124.8 105.4 145.4
77 97.8 78.6 118.6



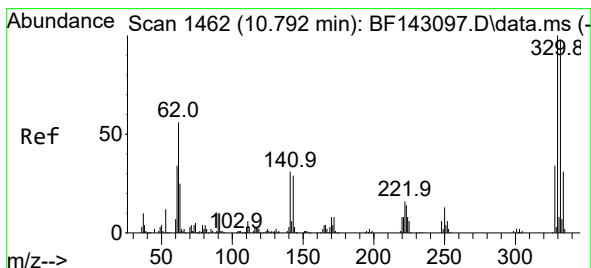
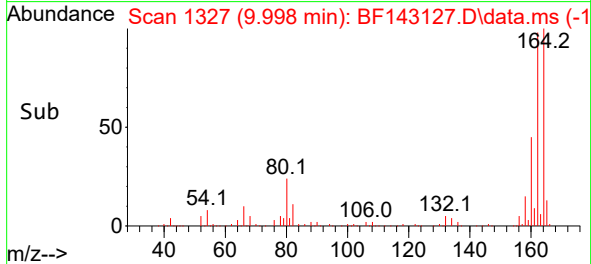
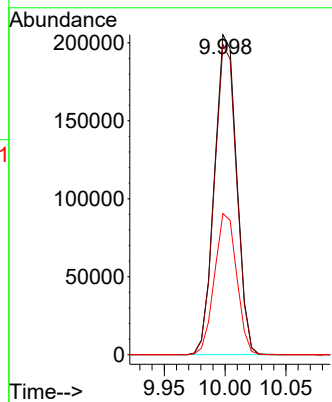


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

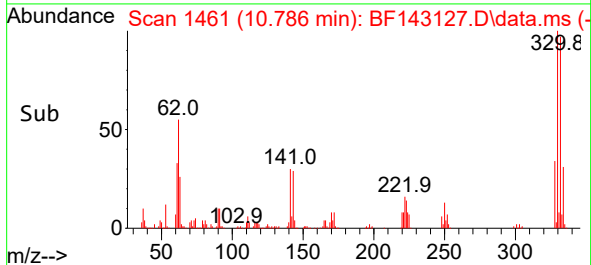
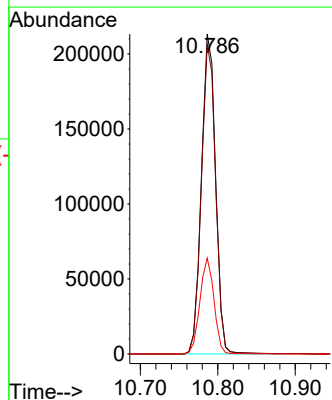
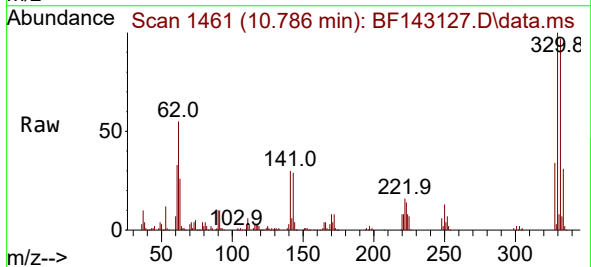


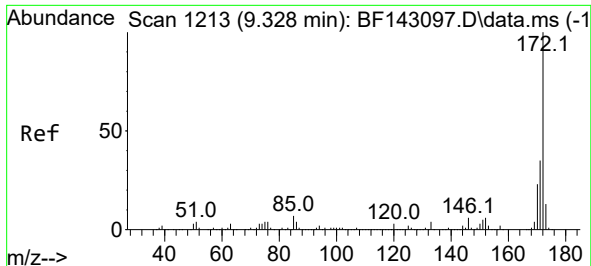
Tgt Ion:164 Resp: 260806
Ion Ratio Lower Upper
164 100
162 97.0 79.0 118.6
160 44.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 116.741 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion:330 Resp: 271480
Ion Ratio Lower Upper
330 100
332 96.8 77.9 116.9
141 29.7 25.9 38.9

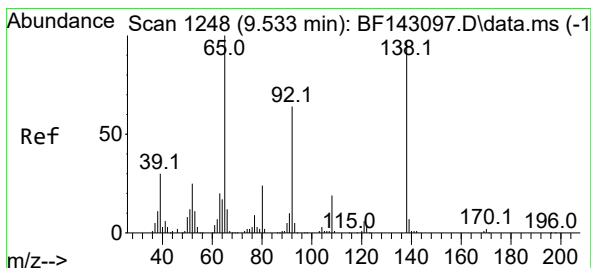
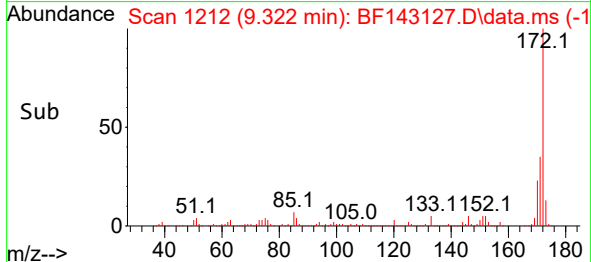
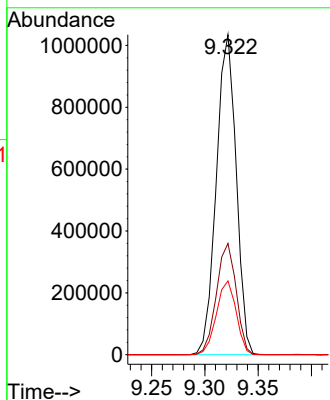
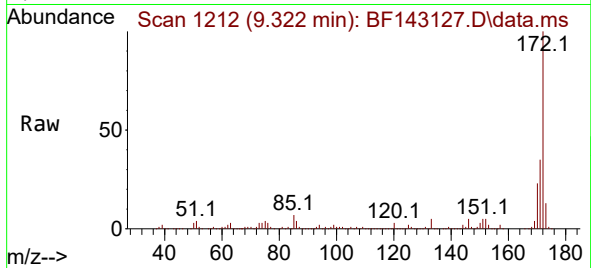




#45
2-Fluorobiphenyl
Concen: 68.186 ng
RT: 9.322 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

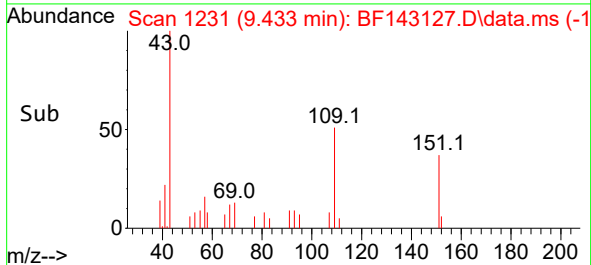
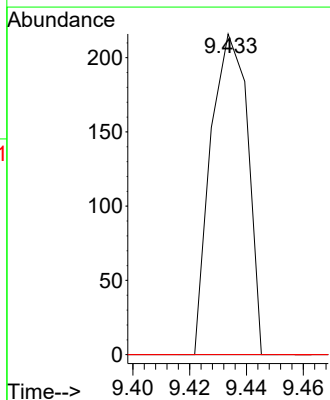
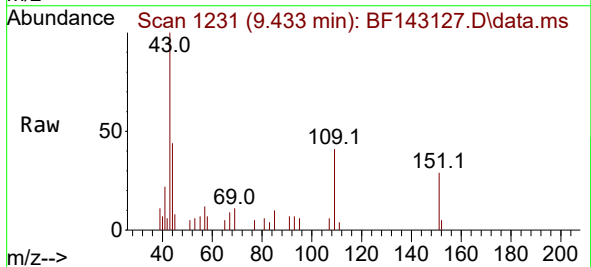
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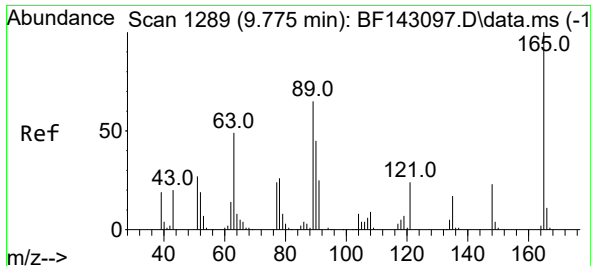
Tgt Ion:172 Resp: 1337815
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.1 18.6 28.0



#48
2-Nitroaniline
Concen: 3.215 ng
RT: 9.433 min Scan# 1231
Delta R.T. -0.100 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion: 65 Resp: 195
Ion Ratio Lower Upper
65 100
92 0.0 51.3 76.9#
138 0.0 77.8 116.6#

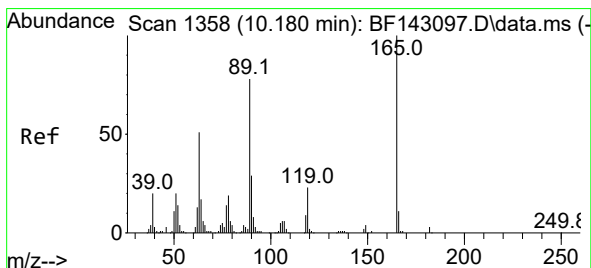
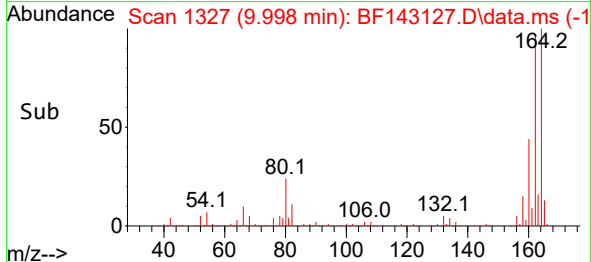
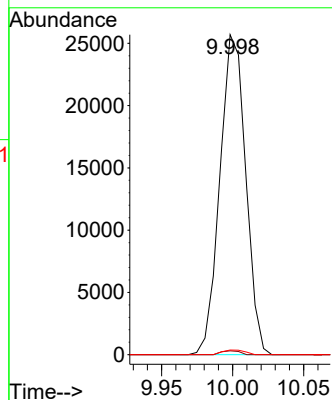
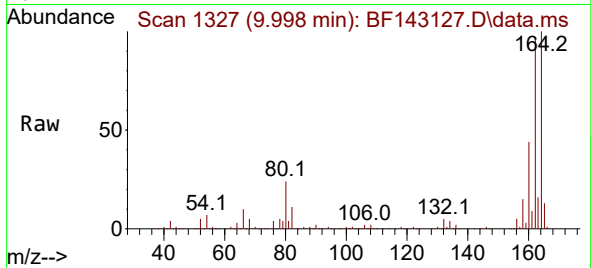




#51
2,6-Dinitrotoluene
Concen: 12.231 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

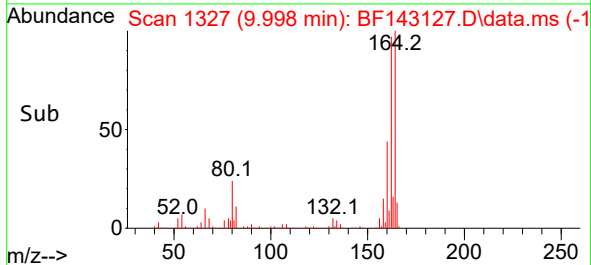
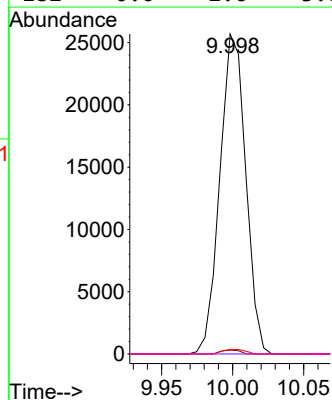
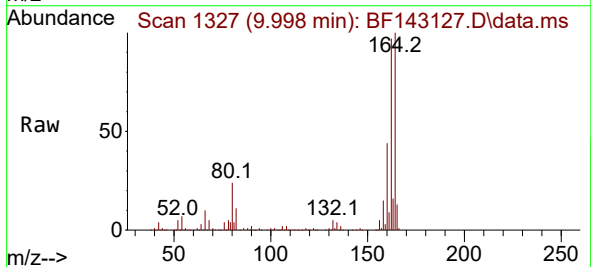
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

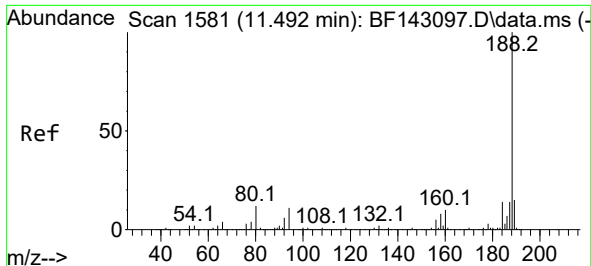
Tgt Ion:165 Resp: 32484
Ion Ratio Lower Upper
165 100
63 1.2 57.4 86.0#
89 1.4 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.854 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.182 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion:165 Resp: 32484
Ion Ratio Lower Upper
165 100
63 1.2 40.6 61.0#
89 1.4 62.3 93.5#
182 0.0 2.6 3.8#

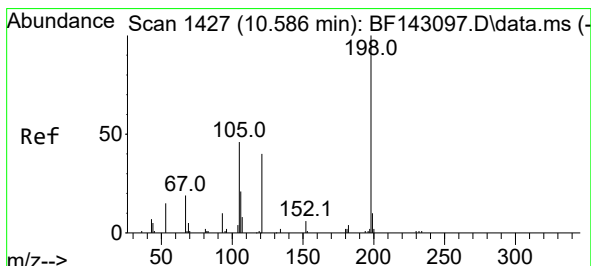
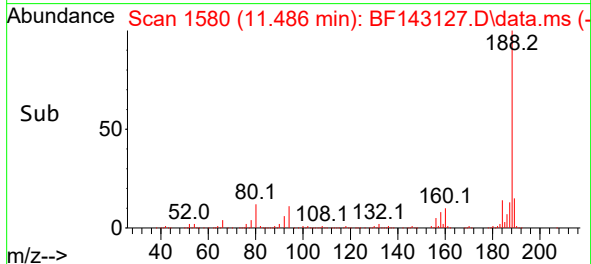
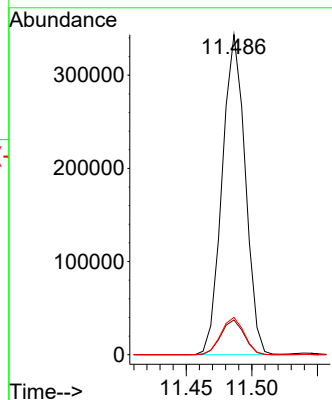
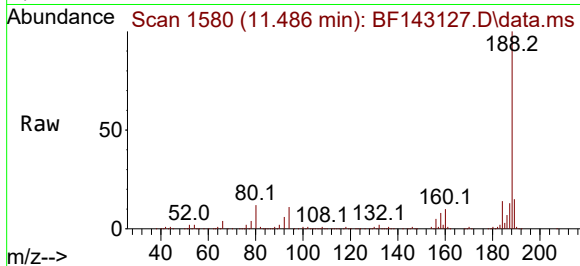




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

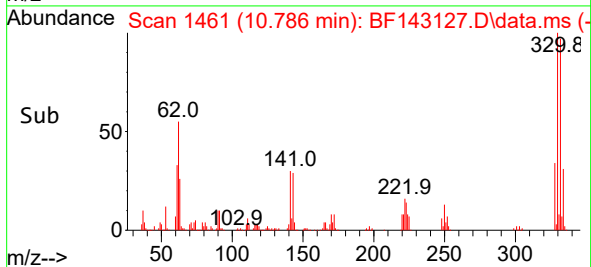
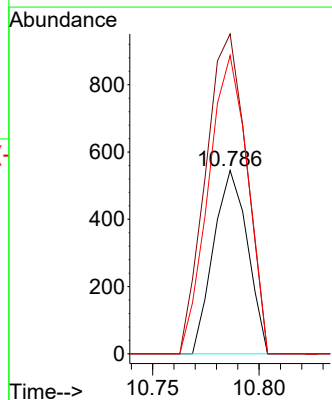
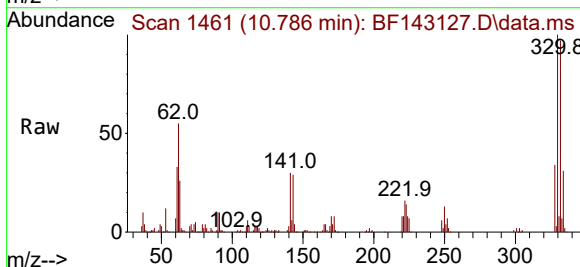
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

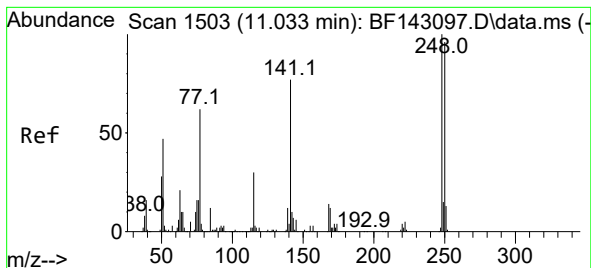
Tgt Ion:188 Resp: 420324
Ion Ratio Lower Upper
188 100
94 10.9 8.6 13.0
80 11.6 9.3 13.9



#65
4,6-Dinitro-2-methylphenol
Concen: 5.867 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.200 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion:198 Resp: 606
Ion Ratio Lower Upper
198 100
51 174.5 44.6 84.6#
105 162.8 29.3 69.3#

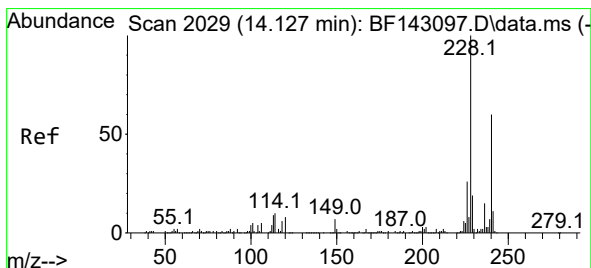
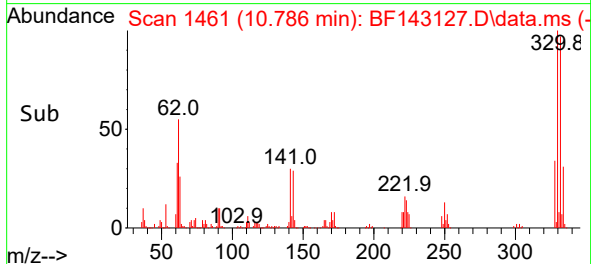
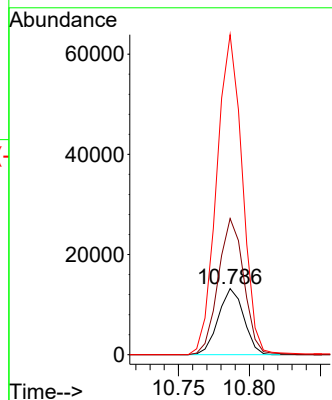
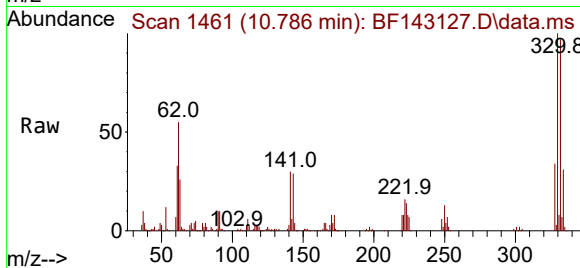




#67
4-Bromophenyl-phenylether
Concen: 3.448 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

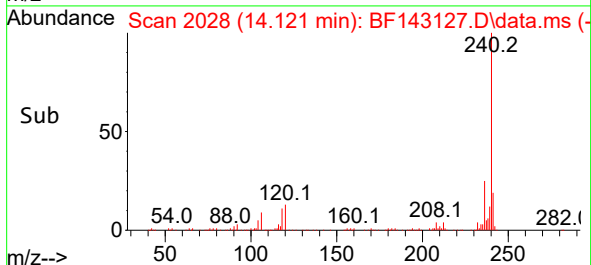
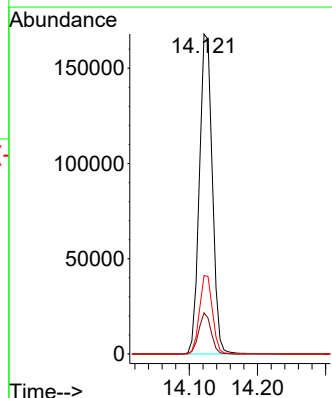
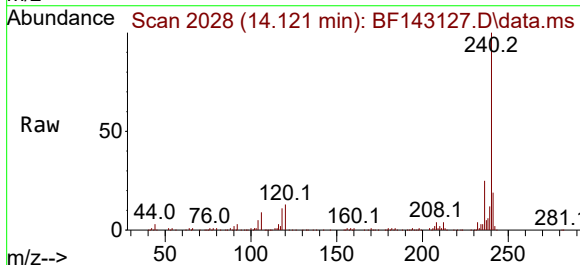
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

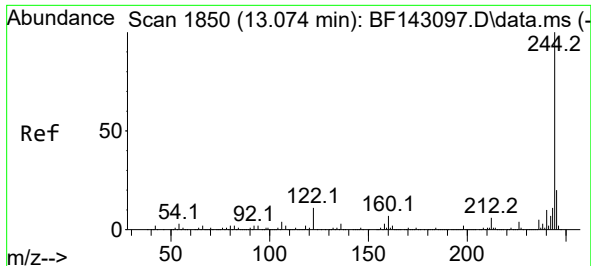
Tgt Ion:248 Resp: 16480
Ion Ratio Lower Upper
248 100
250 206.0 76.7 115.1#
141 483.9 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion:240 Resp: 221792
Ion Ratio Lower Upper
240 100
120 12.9 10.0 15.0
236 24.5 20.0 30.0

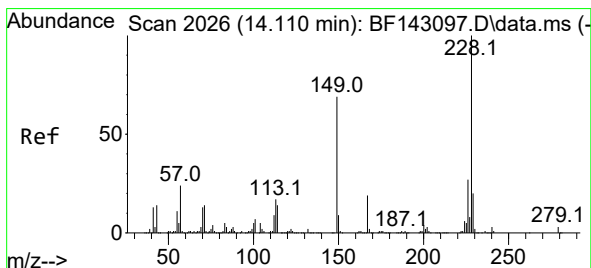
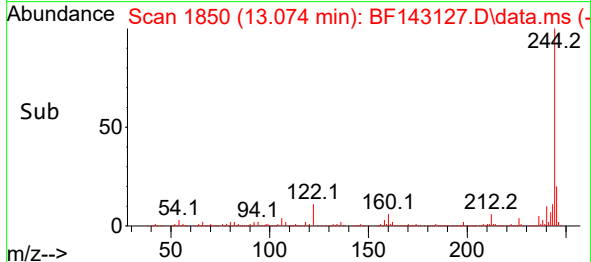
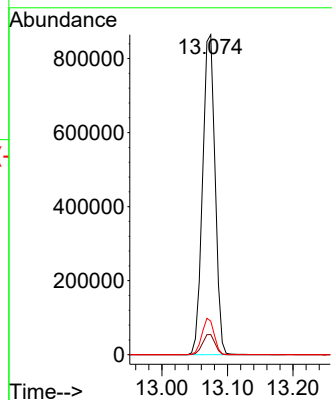
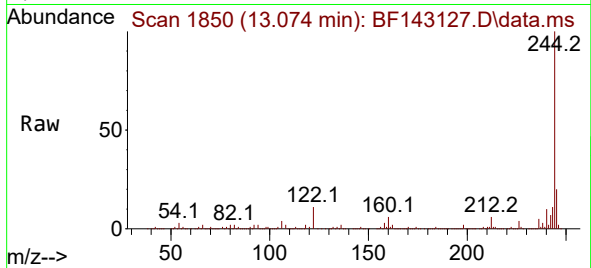




#79
 Terphenyl-d14
 Concen: 75.565 ng
 RT: 13.074 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: BF143127.D
 Acq: 17 Jul 2025 00:37

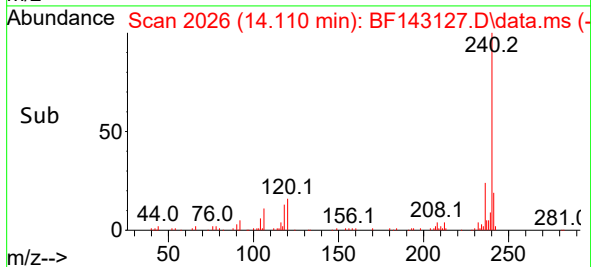
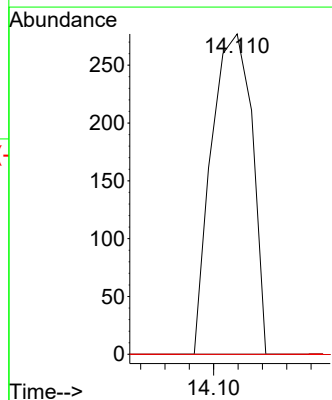
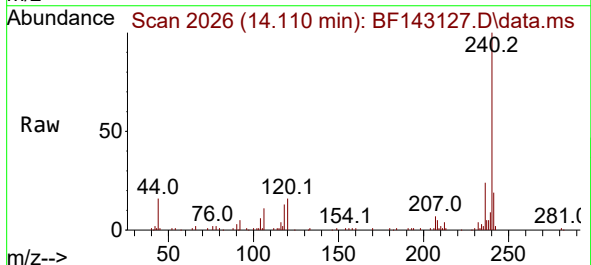
Instrument :
 BNA_F
 ClientSampleId :
 HR-MCN-COMP-01

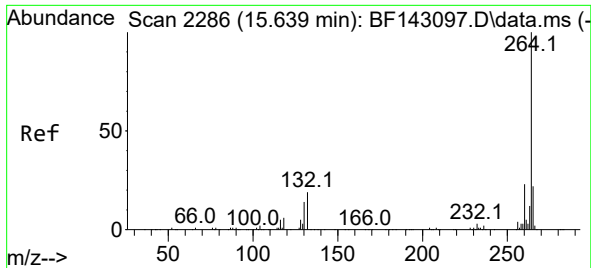
Tgt Ion:244 Resp: 1146499
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 10.5 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.459 ng
 RT: 14.110 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF143127.D
 Acq: 17 Jul 2025 00:37

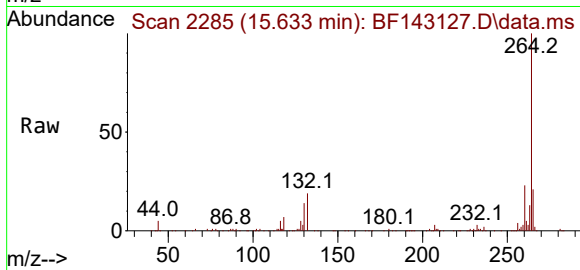
Tgt Ion:149 Resp: 321
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.4 5.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143127.D
 Acq: 17 Jul 2025 00:37

Instrument :
 BNA_F
 ClientSampleId :
 HR-MCN-COMP-01



Tgt Ion:264 Resp: 225764
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 20.9 17.5 26.3

