

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143128.D
 Acq On : 17 Jul 2025 01:05
 Operator : RC/JU
 Sample : Q2605-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB15061

Quant Time: Jul 17 03:48:13 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)

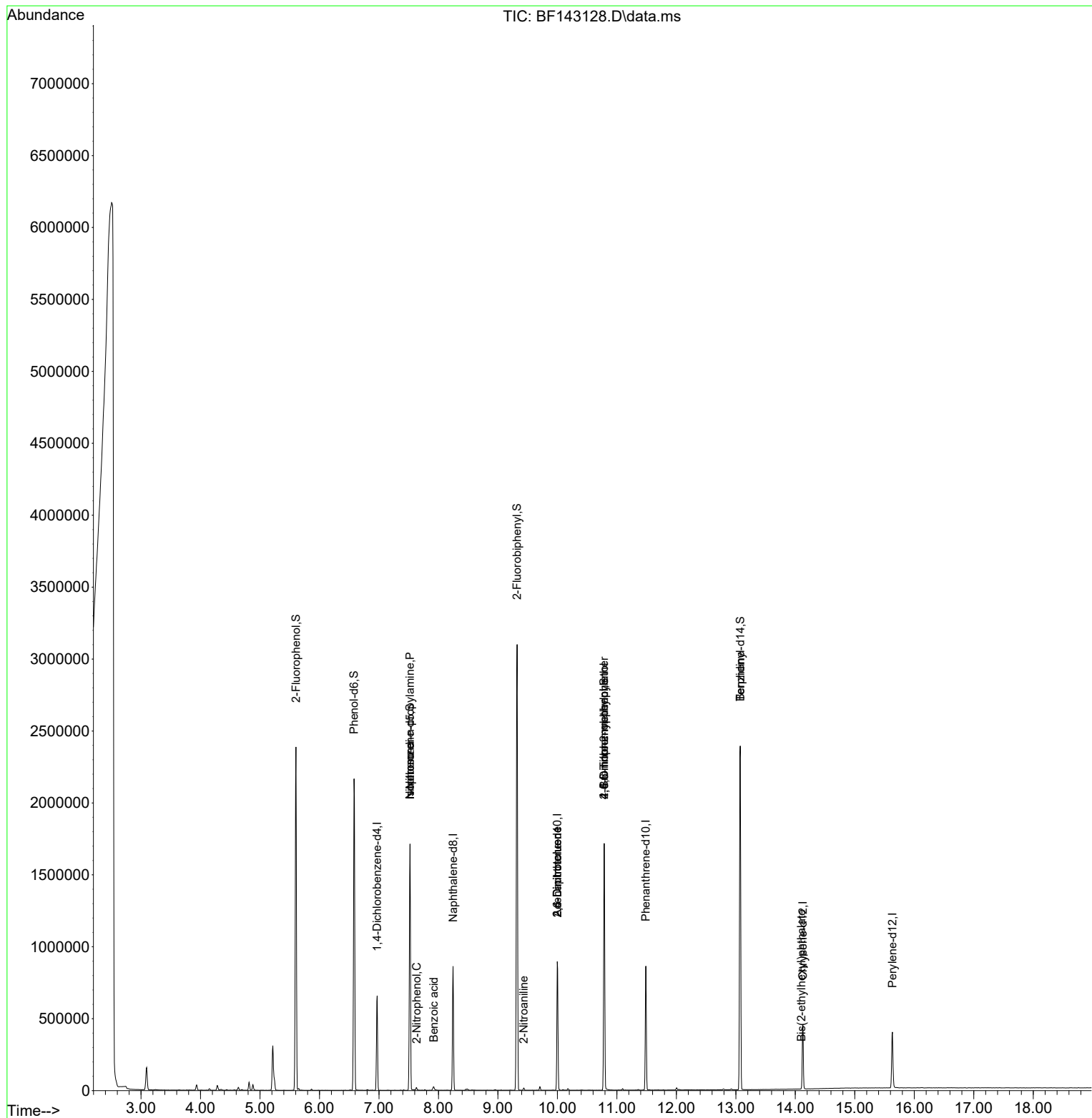
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	136482	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	512647	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	259429	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	420277	20.000	ng	0.00
76) Chrysene-d12	14.127	240	222515	20.000	ng	0.00
86) Perylene-d12	15.633	264	225964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	885328	102.487	ng	0.02
7) Phenol-d6	6.581	99	1029486	94.809	ng	0.00
23) Nitrobenzene-d5	7.522	82	742012	81.197	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	291528	126.028	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1396788	71.570	ng	0.00
79) Terphenyl-d14	13.074	244	1169731	76.845	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.522	70	102299	15.378	ng	# 79
25) Isophorone	7.522	82	739439	41.863	ng	# 65
26) 2-Nitrophenol	7.634	139	232	3.991	ng	# 32
32) Benzoic acid	7.922	122	8881	8.400	ng	# 94
48) 2-Nitroaniline	9.433	65	240	3.225	ng	# 8
51) 2,6-Dinitrotoluene	9.998	165	34058	12.741	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	34058	11.257	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	377	5.712	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	18359	3.841	ng	# 1
77) Benzidine	13.074	184	15519	2.047	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.104	149	211	3.442	ng	# 53

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

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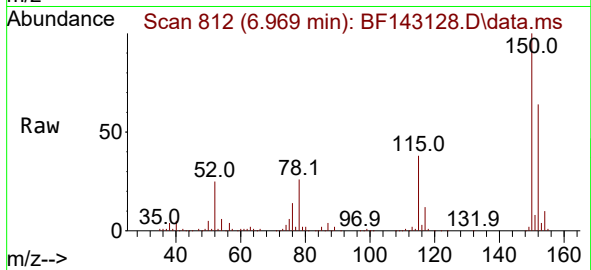
Quant Time: Jul 17 03:48:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
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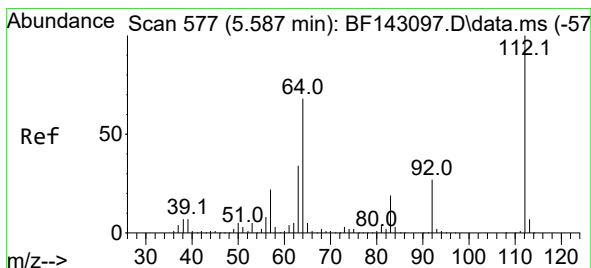
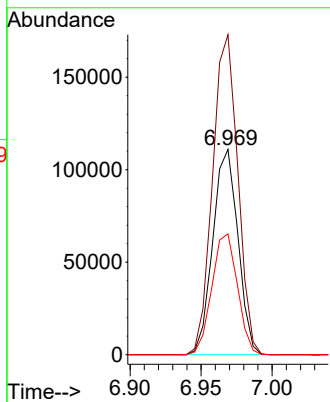
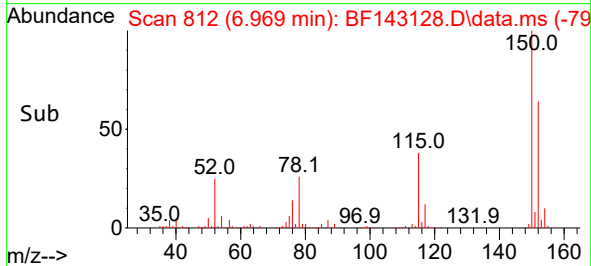


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

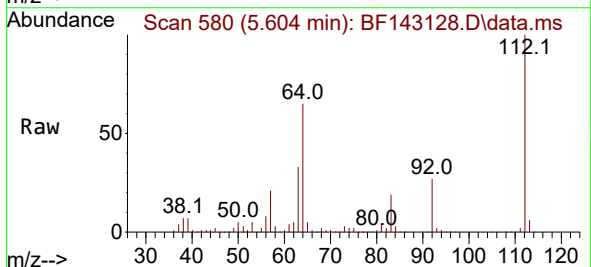
Instrument :
BNA_F
ClientSampleId :
VB15061



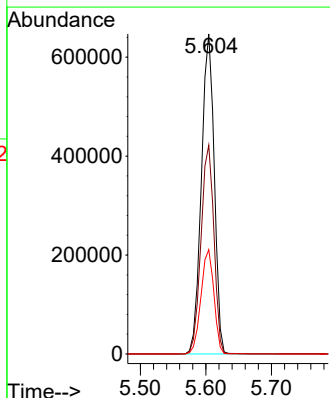
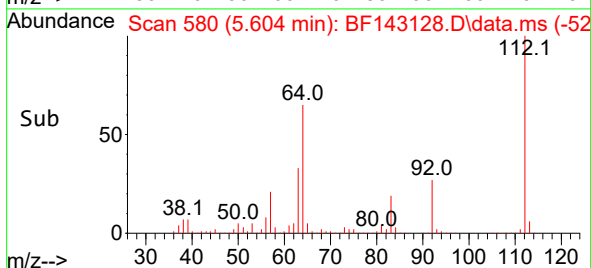
Tgt Ion:152 Resp: 136482
Ion Ratio Lower Upper
152 100
150 155.9 126.5 189.7
115 58.8 47.0 70.6

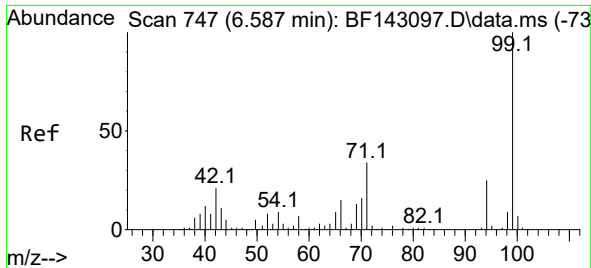


#5
2-Fluorophenol
Concen: 102.487 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05



Tgt Ion:112 Resp: 885328
Ion Ratio Lower Upper
112 100
64 65.2 54.6 82.0
63 32.6 27.3 40.9

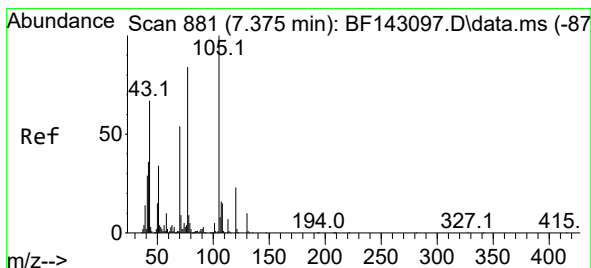
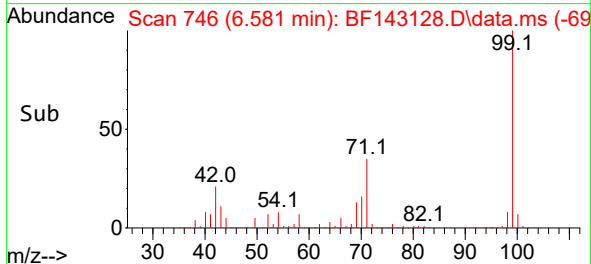
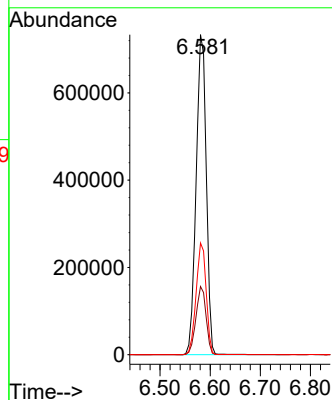
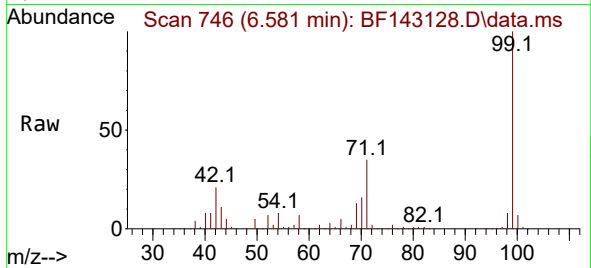




#7
Phenol-d6
Concen: 94.809 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

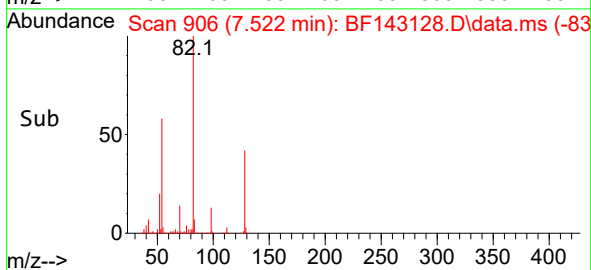
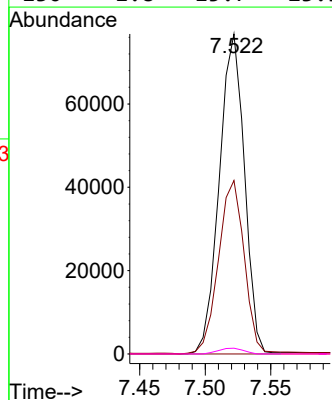
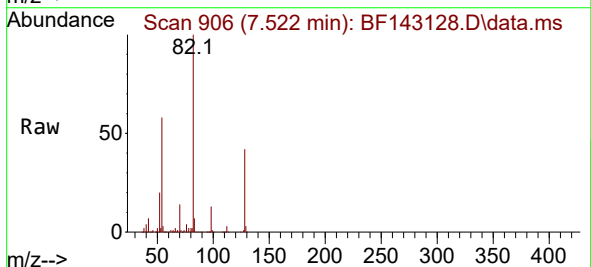
Instrument :
BNA_F
ClientSampleId :
VB15061

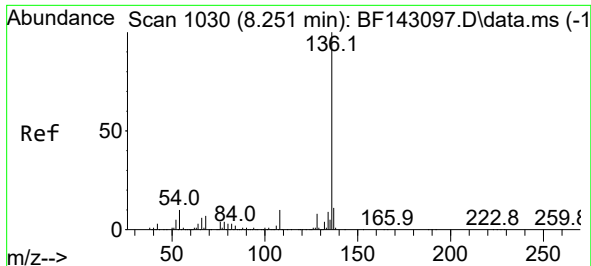
Tgt Ion: 99 Resp: 1029486
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 34.9 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.378 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion: 70 Resp: 102299
Ion Ratio Lower Upper
70 100
42 54.2 53.2 79.8
101 0.0 7.5 11.3#
130 1.8 15.7 23.5#



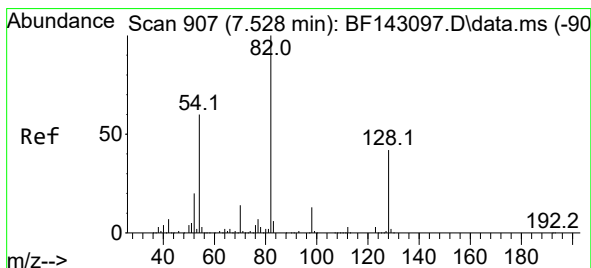
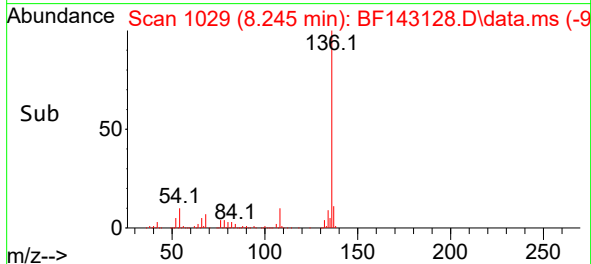
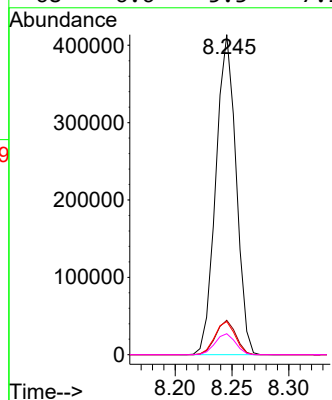
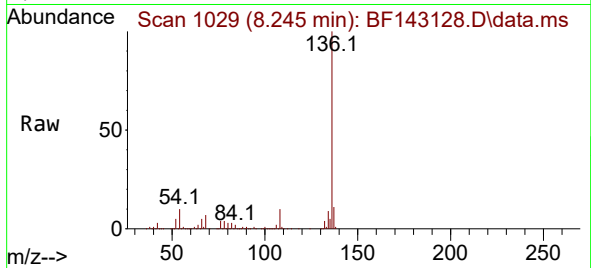


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Instrument :
BNA_F
ClientSampleId :
VB15061

Tgt Ion:136 Resp: 512647

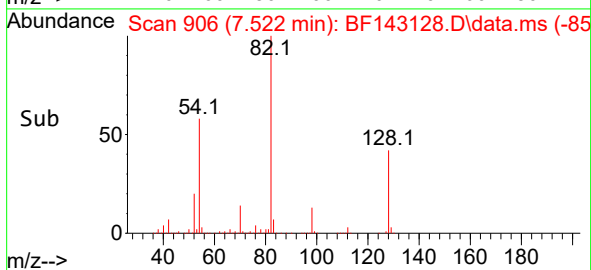
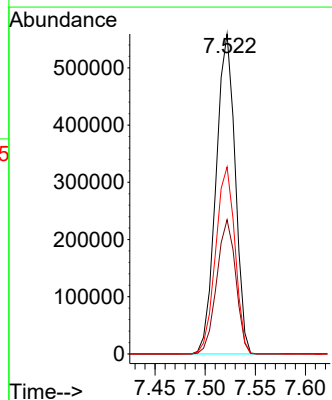
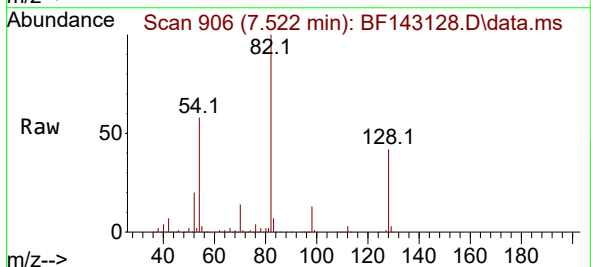
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.3	8.3	12.5
68	6.6	5.3	7.9

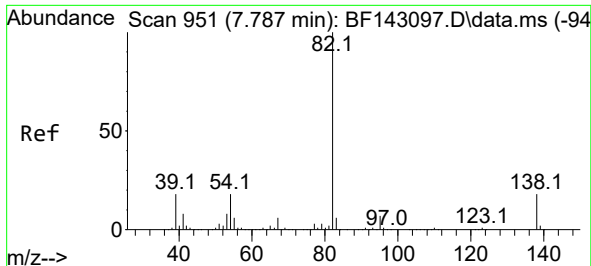


#23
Nitrobenzene-d5
Concen: 81.197 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion: 82 Resp: 742012

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	58.4	47.4	71.2

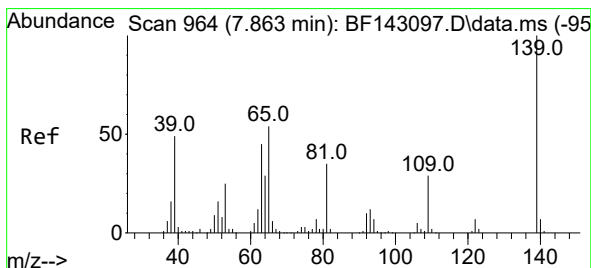
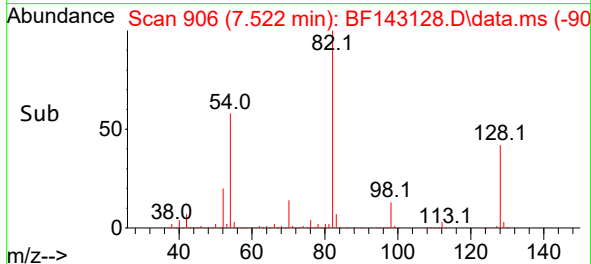
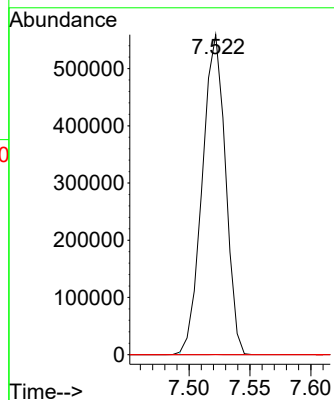
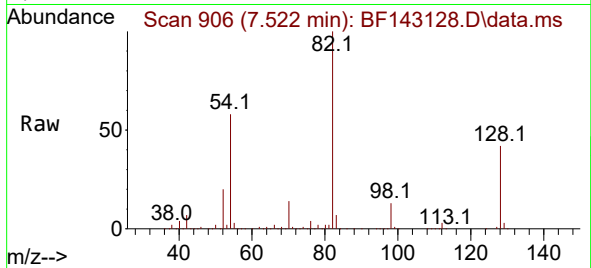




#25
Isophorone
Concen: 41.863 ng
RT: 7.522 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

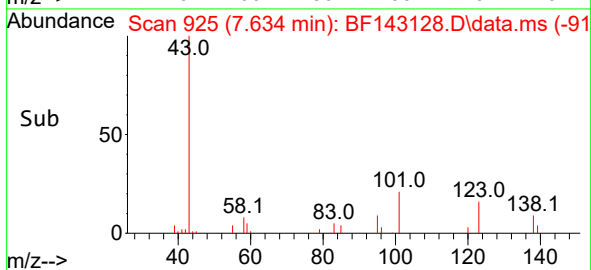
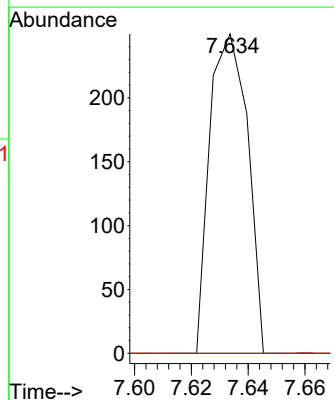
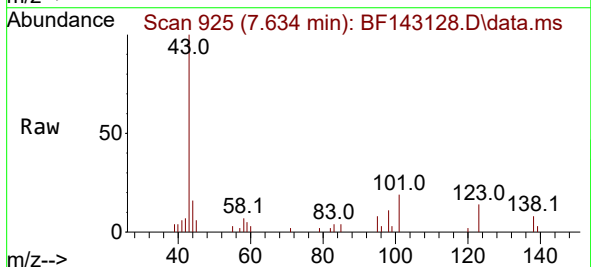
Instrument :
BNA_F
ClientSampleId :
VB15061

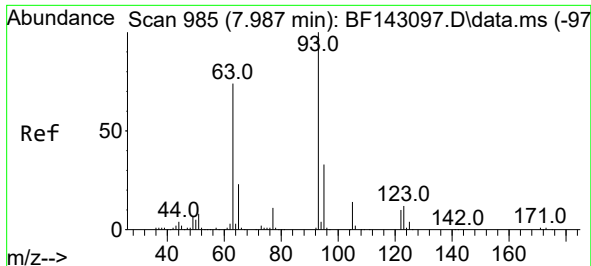
Tgt Ion: 82 Resp: 739439
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#26
2-Nitrophenol
Concen: 3.991 ng
RT: 7.634 min Scan# 925
Delta R.T. -0.229 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion:139 Resp: 232
Ion Ratio Lower Upper
139 100
109 0.0 23.4 35.0#
65 0.0 43.4 65.2#

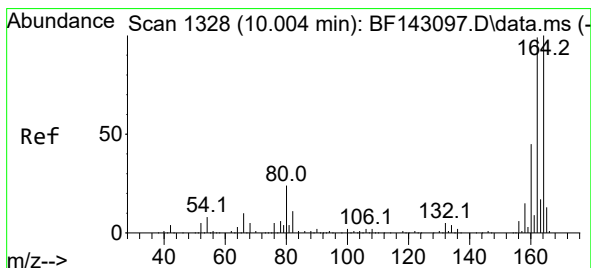
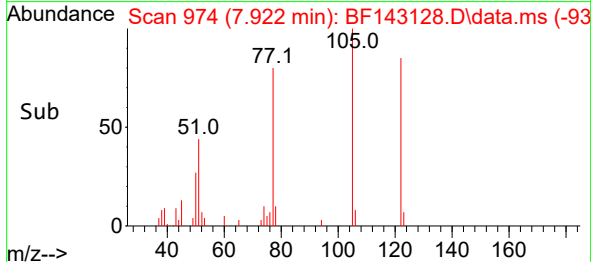
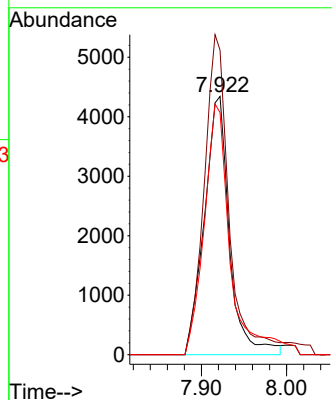
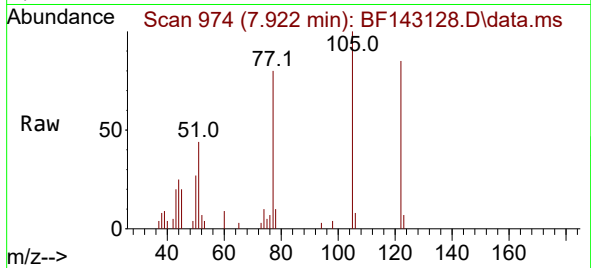




#32
Benzoic acid
Concen: 8.400 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

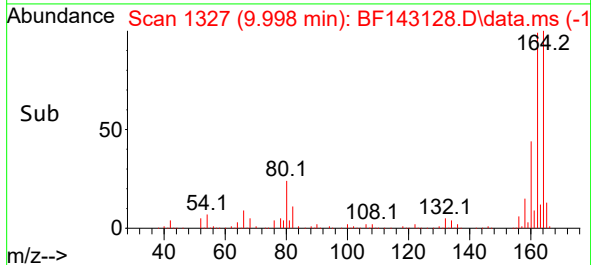
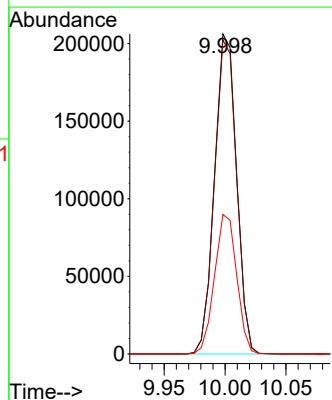
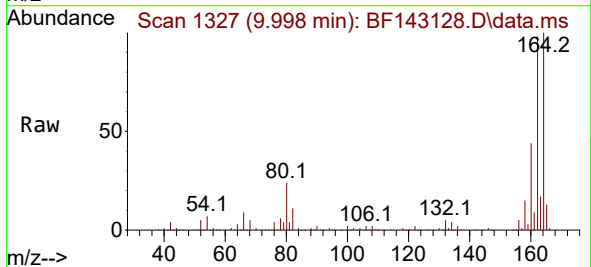
Instrument :
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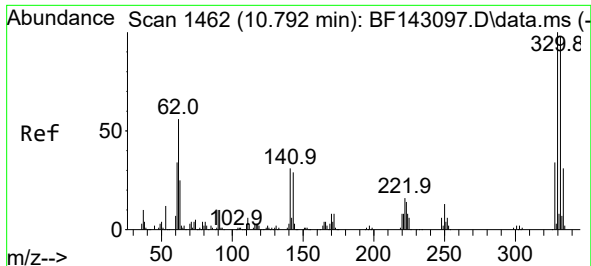
Tgt Ion:122 Resp: 8881
Ion Ratio Lower Upper
122 100
105 117.9 105.4 145.4
77 93.8 78.6 118.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

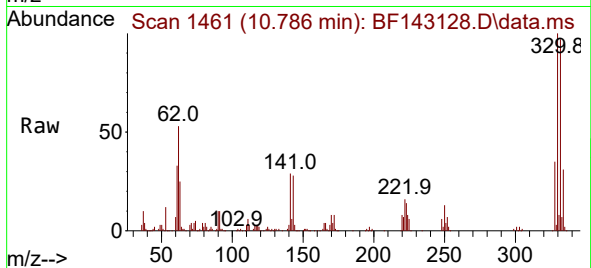
Tgt Ion:164 Resp: 259429
Ion Ratio Lower Upper
164 100
162 98.1 79.0 118.6
160 43.6 35.8 53.6



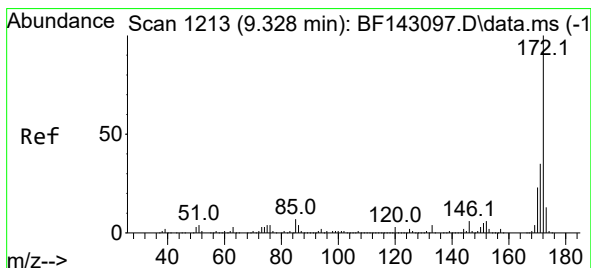
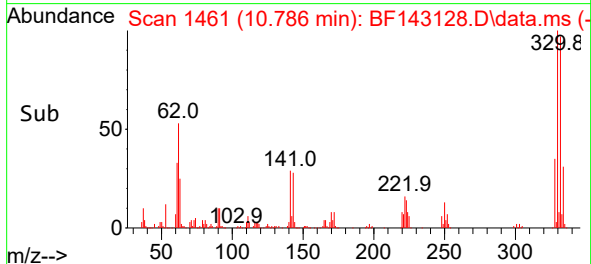
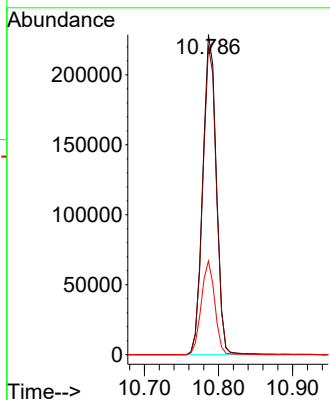


#42
2,4,6-Tribromophenol
Concen: 126.028 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Instrument :
BNA_F
ClientSampleId :
VB15061

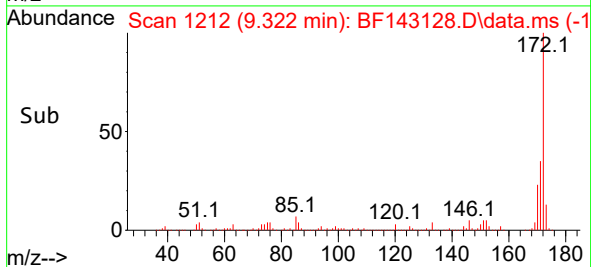
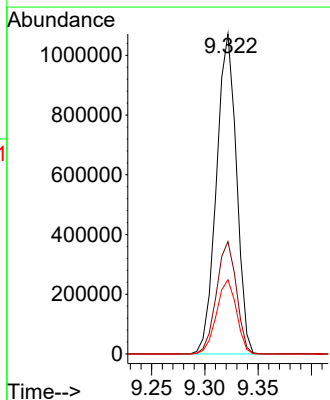
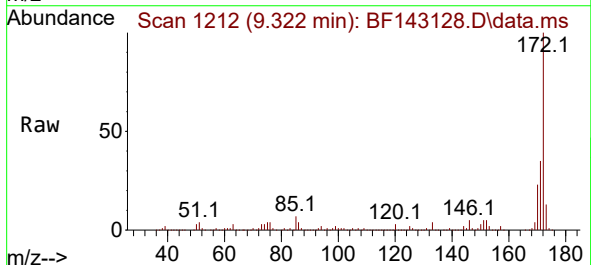


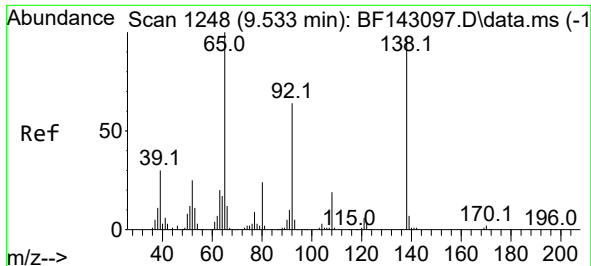
Tgt Ion:330 Resp: 291528
Ion Ratio Lower Upper
330 100
332 96.7 77.9 116.9
141 29.1 25.9 38.9



#45
2-Fluorobiphenyl
Concen: 71.570 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion:172 Resp: 1396788
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.2 18.6 28.0





#48

2-Nitroaniline

Concen: 3.225 ng

RT: 9.433 min Scan# 1

Delta R.T. -0.100 min

Lab File: BF143128.D

Acq: 17 Jul 2025 01:05

Instrument :

BNA_F

ClientSampleId :

VB15061

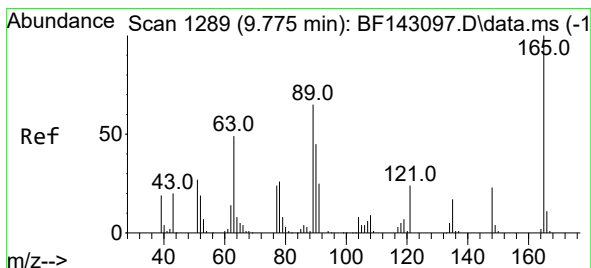
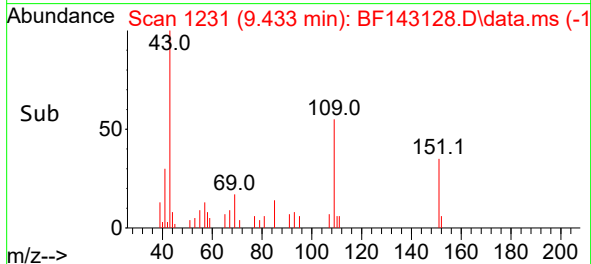
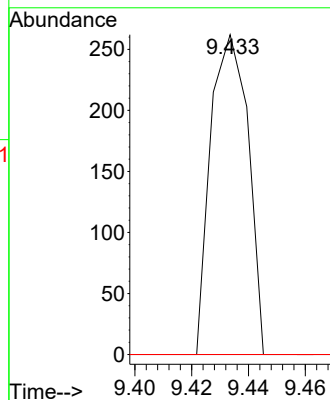
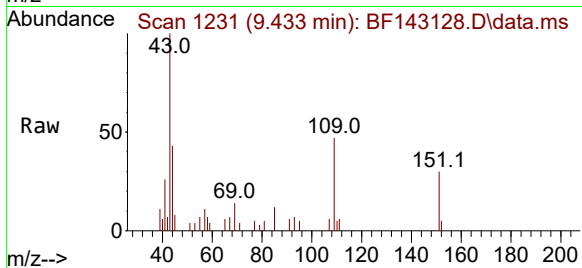
Tgt Ion: 65 Resp: 240

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: 12.741 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.223 min

Lab File: BF143128.D

Acq: 17 Jul 2025 01:05

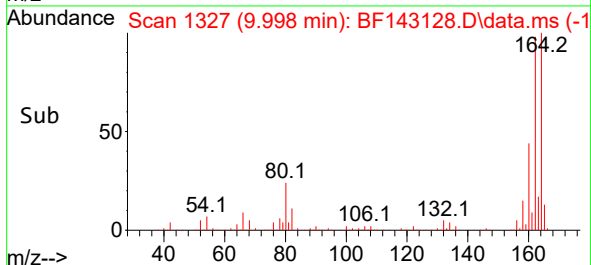
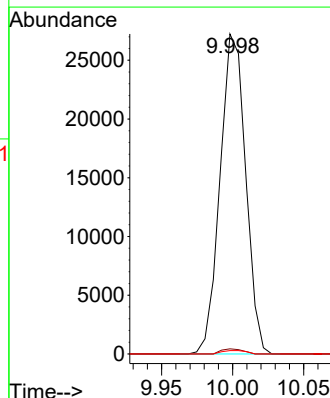
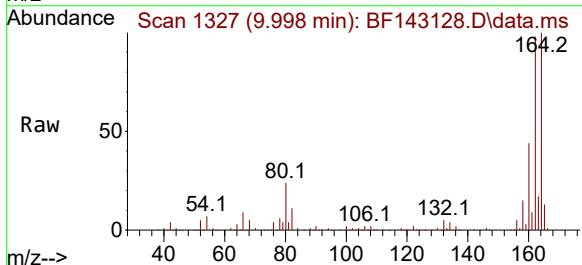
Tgt Ion:165 Resp: 34058

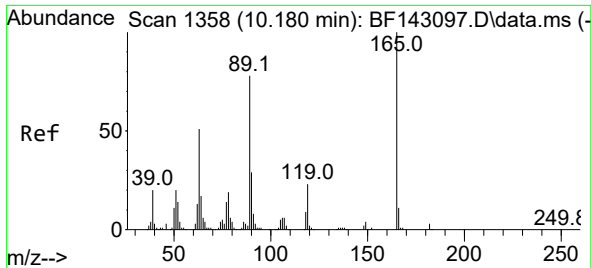
Ion Ratio Lower Upper

165 100

63 1.6 57.4 86.0#

89 1.1 51.8 77.8#

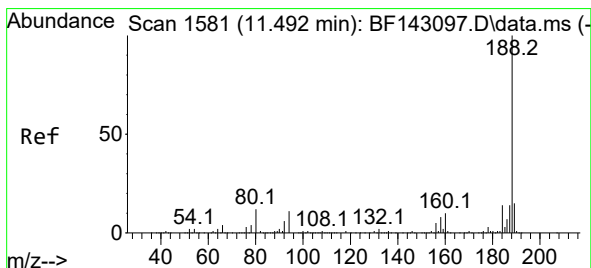
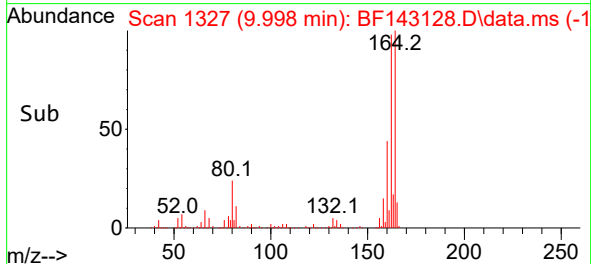
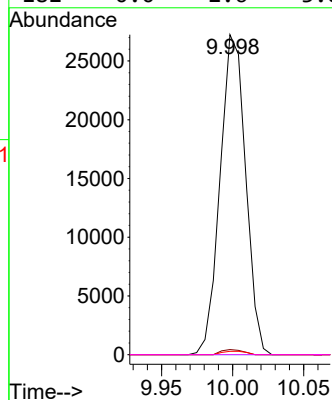
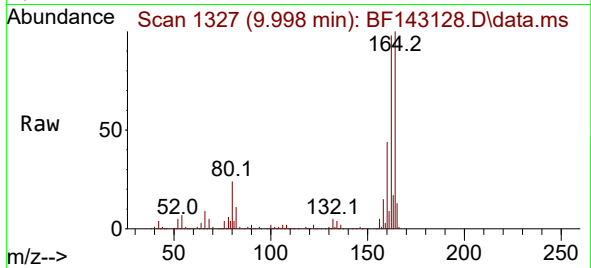




#57
2,4-Dinitrotoluene
Concen: 11.257 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

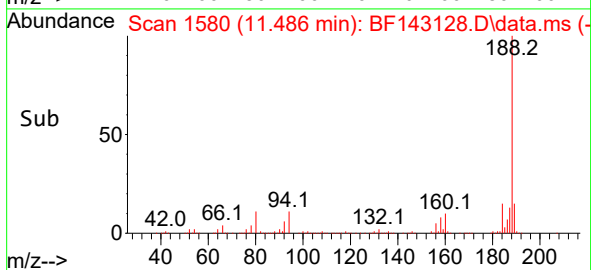
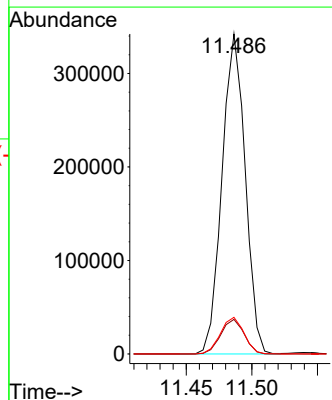
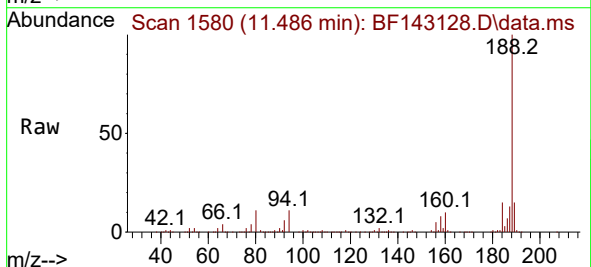
Instrument :
BNA_F
ClientSampleId :
VB15061

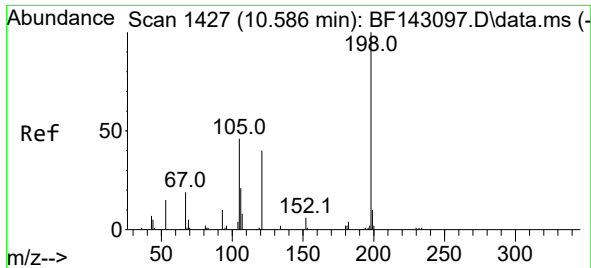
Tgt Ion:165 Resp: 34058
Ion Ratio Lower Upper
165 100
63 1.6 40.6 61.0#
89 1.1 62.3 93.5#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion:188 Resp: 420277
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 11.4 9.3 13.9

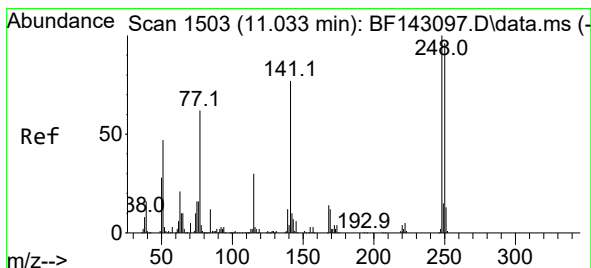
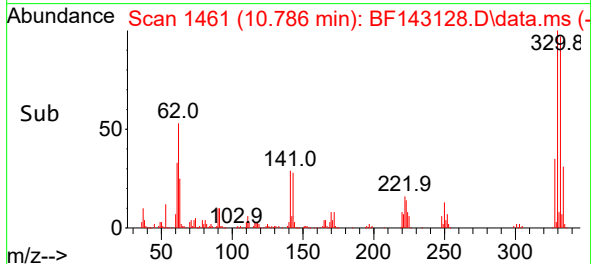
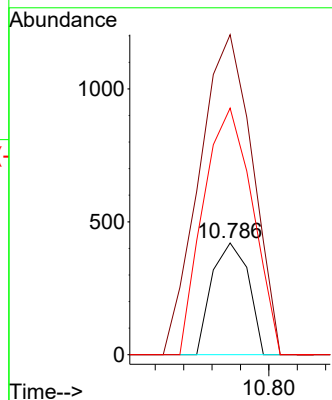
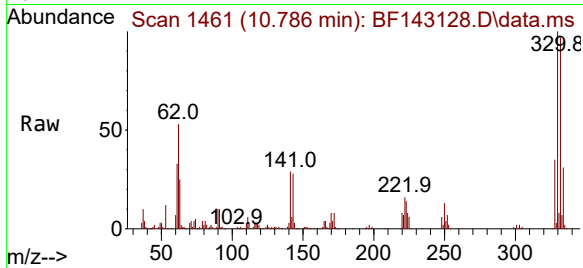




#65
4,6-Dinitro-2-methylphenol
Concen: 5.712 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.200 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

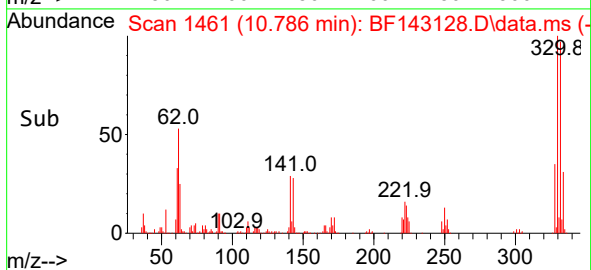
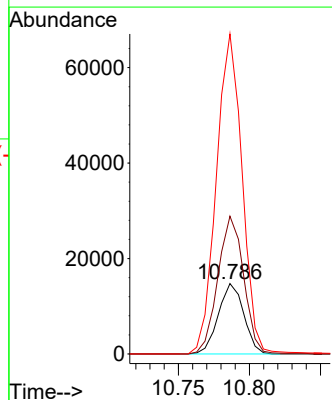
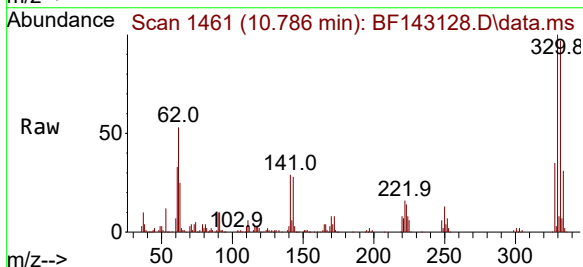
Instrument :
BNA_F
ClientSampleId :
VB15061

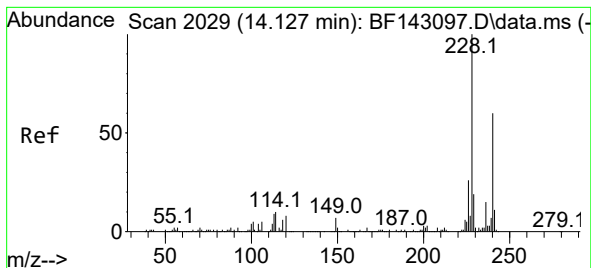
Tgt Ion:198 Resp: 377
Ion Ratio Lower Upper
198 100
51 286.7 44.6 84.6#
105 221.0 29.3 69.3#



#67
4-Bromophenyl-phenylether
Concen: 3.841 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion:248 Resp: 18359
Ion Ratio Lower Upper
248 100
250 195.6 76.7 115.1#
141 454.3 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143128.D

Acq: 17 Jul 2025 01:05

Instrument :

BNA_F

ClientSampleId :

VB15061

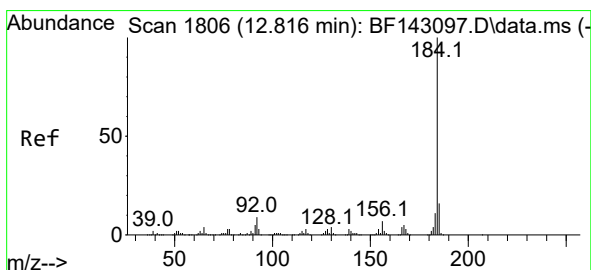
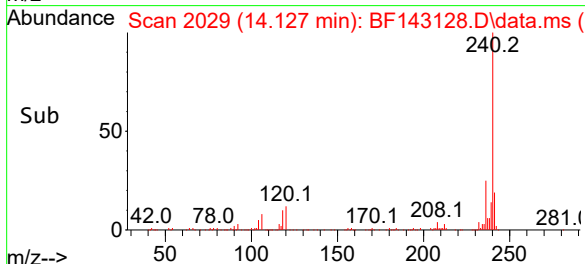
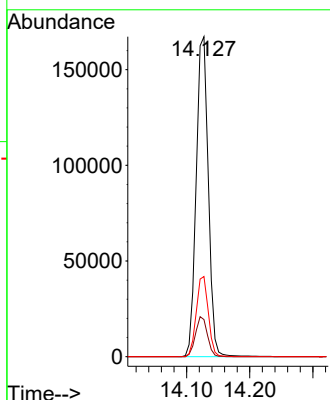
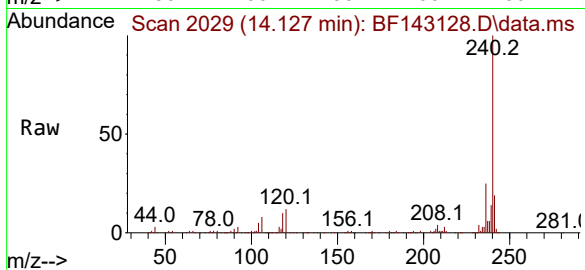
Tgt Ion:240 Resp: 222515

Ion Ratio Lower Upper

240 100

120 11.6 10.0 15.0

236 25.0 20.0 30.0



#77

Benzidine

Concen: 2.047 ng

RT: 13.074 min Scan# 1850

Delta R.T. 0.259 min

Lab File: BF143128.D

Acq: 17 Jul 2025 01:05

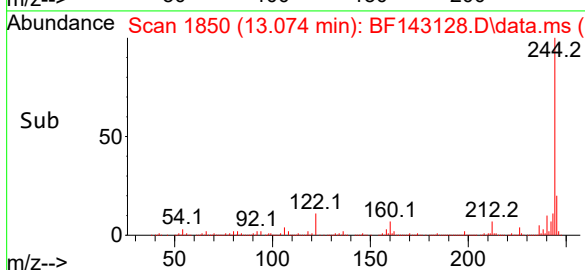
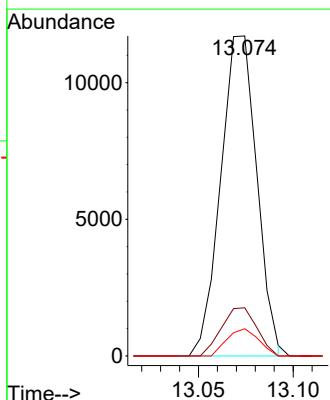
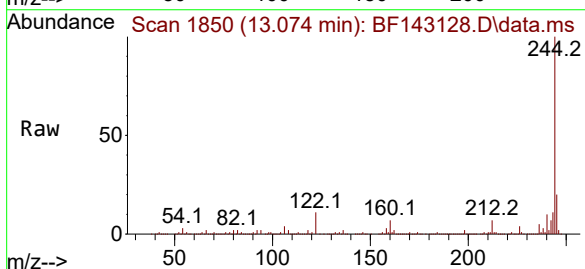
Tgt Ion:184 Resp: 15519

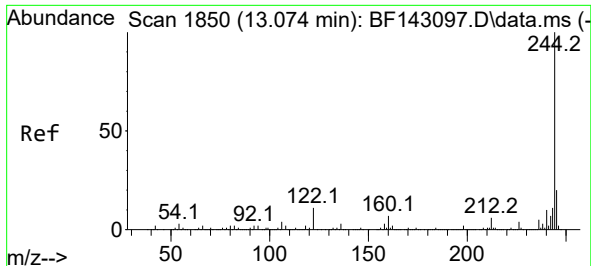
Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

183 8.5 8.6 12.8#

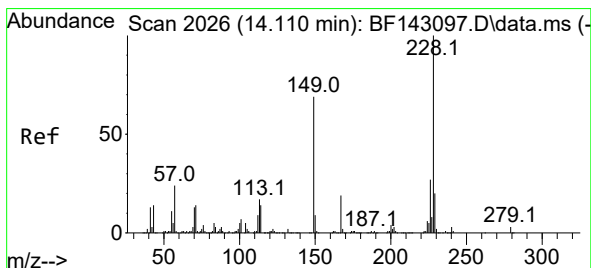
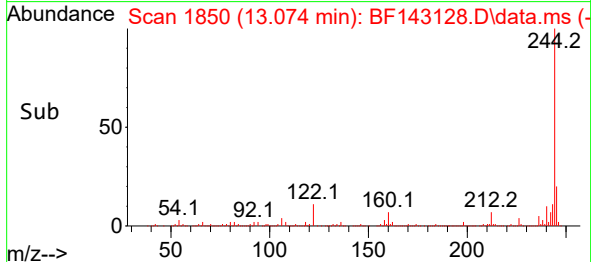
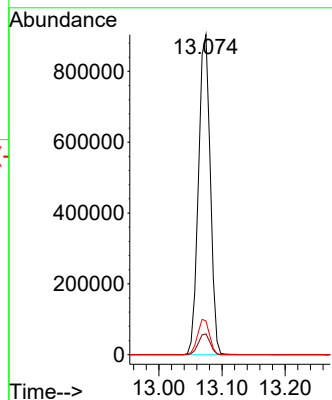
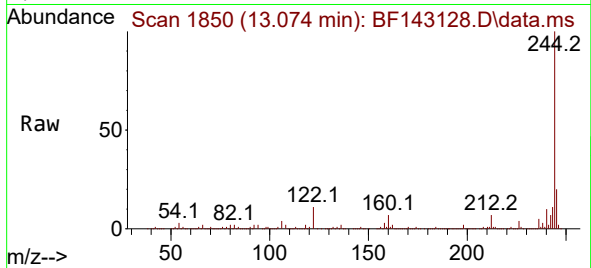




#79
 Terphenyl-d14
 Concen: 76.845 ng
 RT: 13.074 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143128.D
 Acq: 17 Jul 2025 01:05

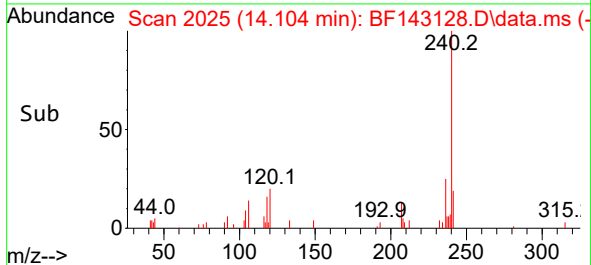
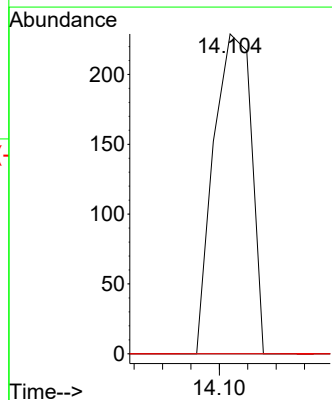
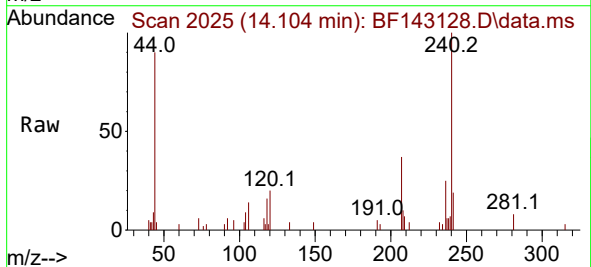
Instrument :
 BNA_F
 ClientSampleId :
 VB15061

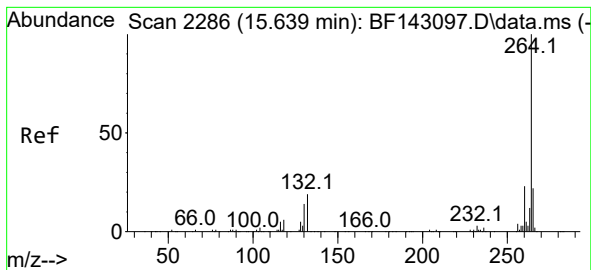
Tgt Ion:244 Resp: 1169731
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.5 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.442 ng
 RT: 14.104 min Scan# 2025
 Delta R.T. -0.006 min
 Lab File: BF143128.D
 Acq: 17 Jul 2025 01:05

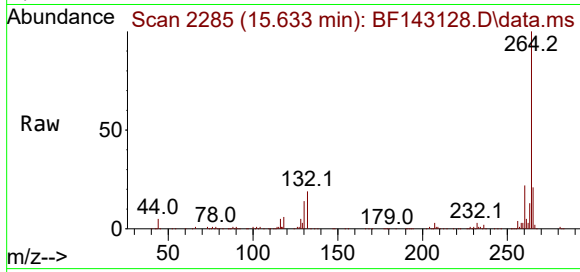
Tgt Ion:149 Resp: 211
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.4 5.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143128.D
 Acq: 17 Jul 2025 01:05

Instrument :
 BNA_F
 ClientSampleId :
 VB15061



Tgt Ion:264 Resp: 225964
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.4 17.5 26.3

