

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141873.D
 Acq On : 06 Mar 2025 17:29
 Operator : RC/JU
 Sample : Q1484-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-OTR-COMP-01

Quant Time: Mar 06 17:53:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

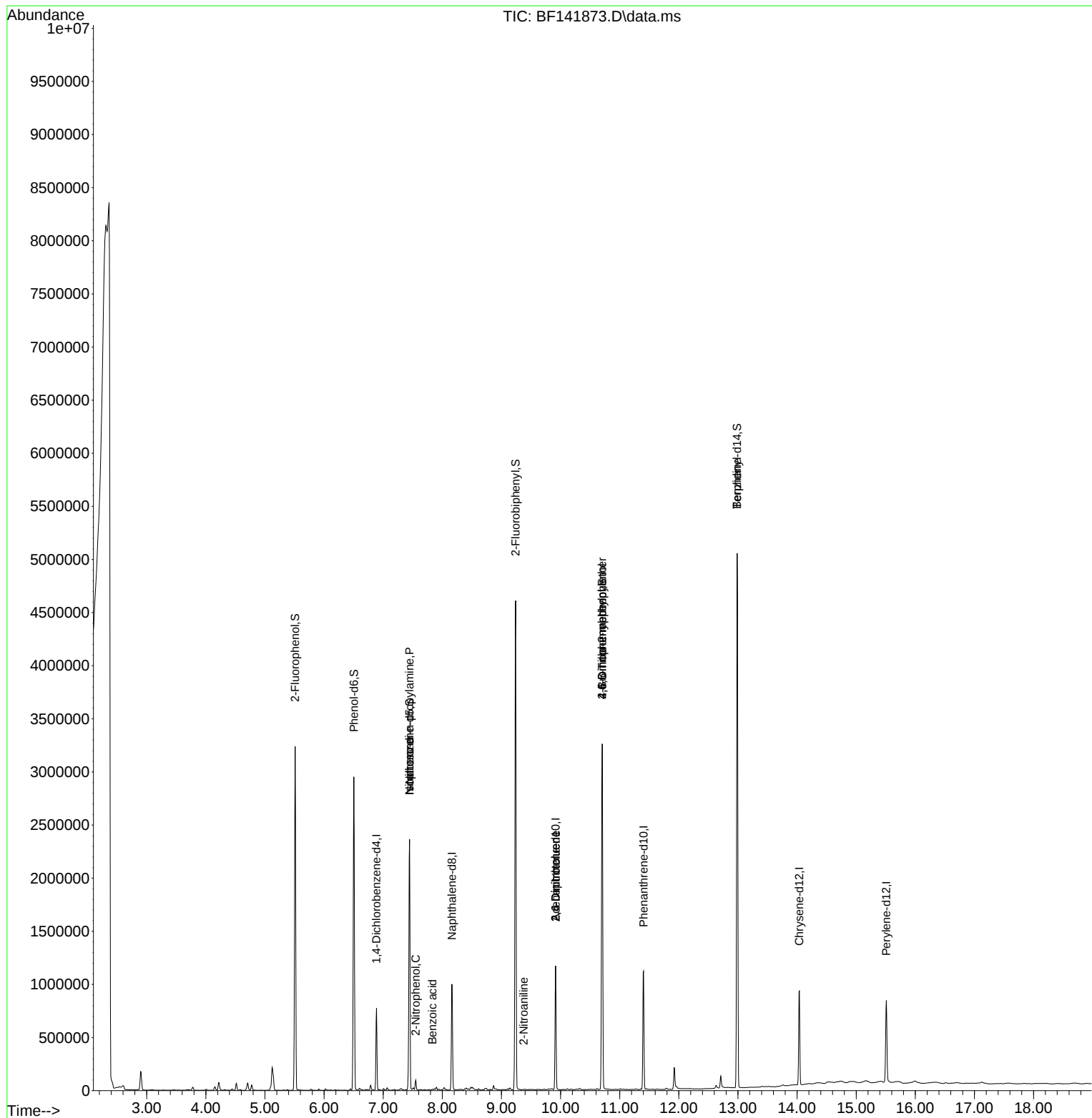
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	155990	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	617843	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	335550	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	580570	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	437348	20.000	ng	-0.01
86) Perylene-d12	15.509	264	445885	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1228658	125.787	ng	0.01
7) Phenol-d6	6.504	99	1404148	110.445	ng	0.00
23) Nitrobenzene-d5	7.445	82	1083032	112.047	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	573470	182.042	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2012745	96.180	ng	0.00
79) Terphenyl-d14	12.986	244	2522220	93.307	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	150068	17.956	ng	# 77
25) Isophorone	7.445	82	1078728	51.947	ng	# 66
26) 2-Nitrophenol	7.551	139	1615	4.866	ng	# 43
32) Benzoic acid	7.833	122	3407	8.140	ng	96
48) 2-Nitroaniline	9.375	65	118	4.360	ng	# 6
51) 2,6-Dinitrotoluene	9.916	165	43880	12.435	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	43880	11.268	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.704	198	1541	8.594	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	37763	5.569	ng	# 1
77) Benzidine	12.986	184	35285	6.410	ng	# 91

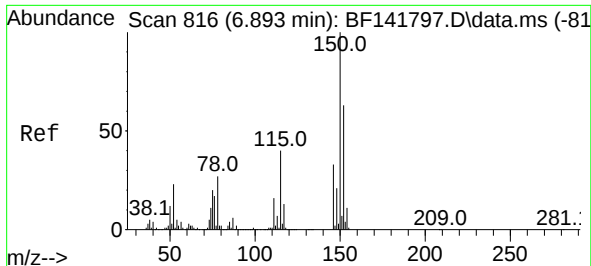
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141873.D
Acq On : 06 Mar 2025 17:29
Operator : RC/JU
Sample : Q1484-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

Quant Time: Mar 06 17:53:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

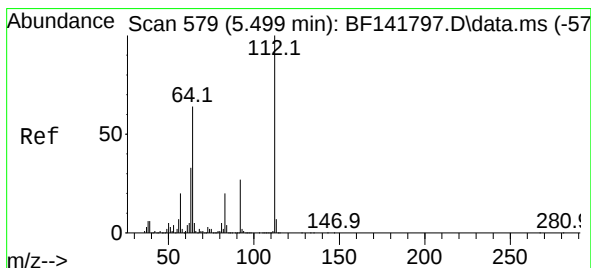
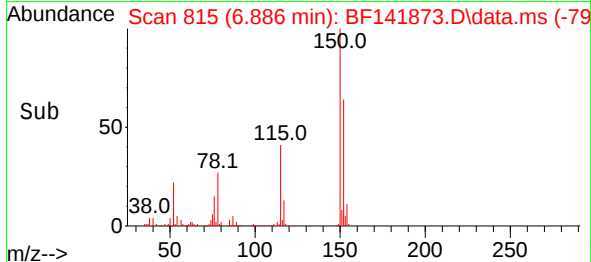
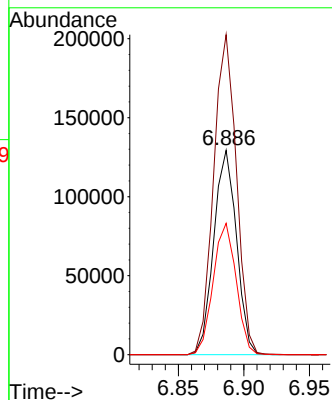
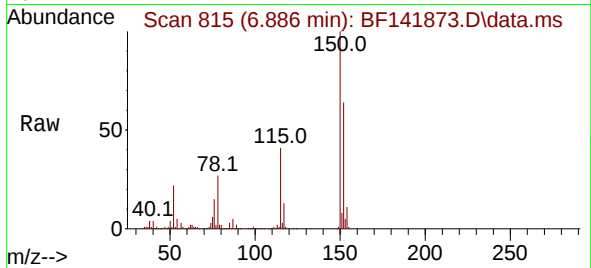




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

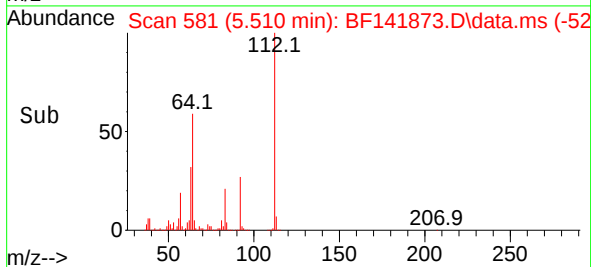
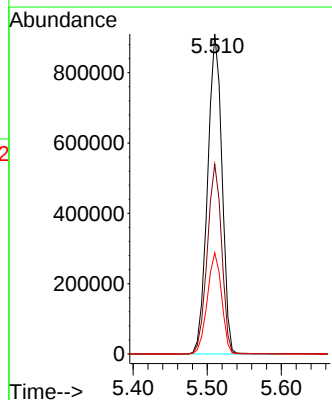
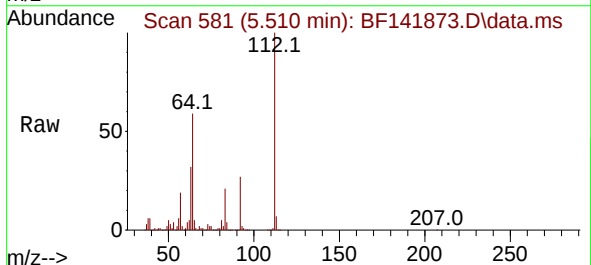
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

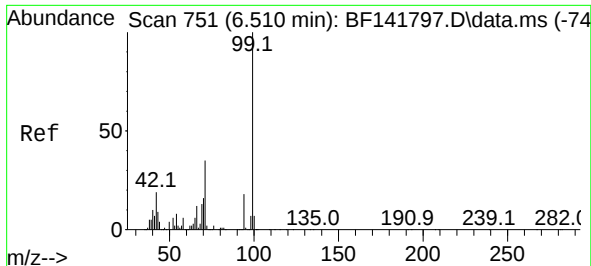
Tgt Ion:152 Resp: 155990
Ion Ratio Lower Upper
152 100
150 156.6 127.5 191.3
115 64.3 51.4 77.2



#5
2-Fluorophenol
Concen: 125.787 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:112 Resp: 1228658
Ion Ratio Lower Upper
112 100
64 59.3 51.3 76.9
63 31.6 26.2 39.4

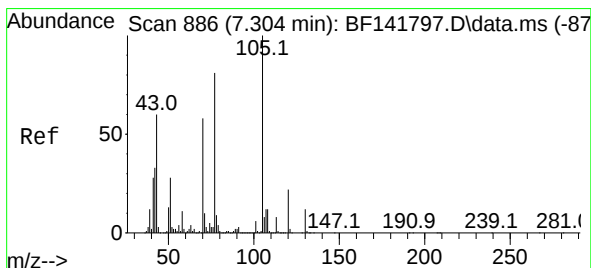
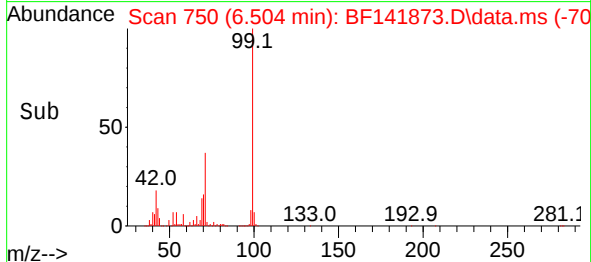
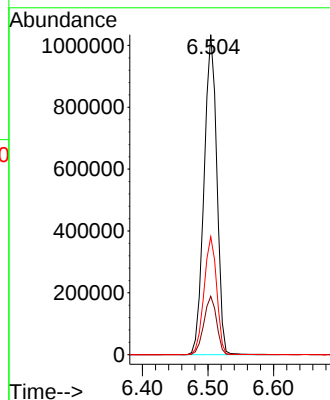
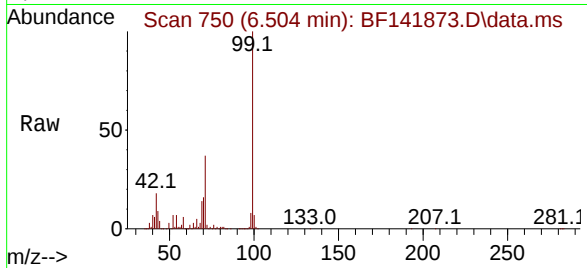




#7
Phenol-d6
Concen: 110.445 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

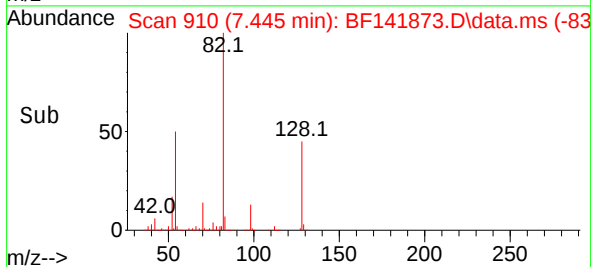
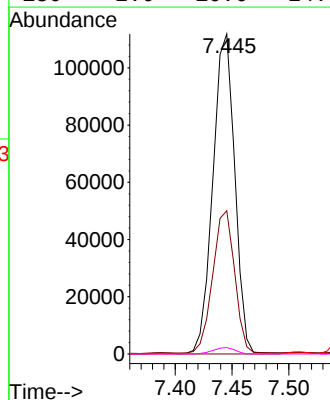
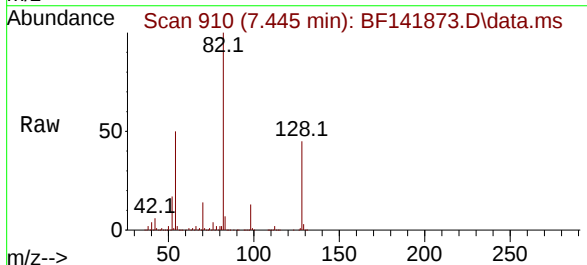
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

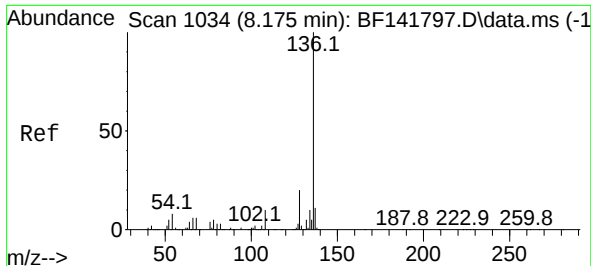
Tgt Ion: 99 Resp: 1404148
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 36.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.956 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion: 70 Resp: 150068
Ion Ratio Lower Upper
70 100
42 44.7 45.4 68.0#
101 0.0 7.8 11.8#
130 2.0 16.6 24.8#



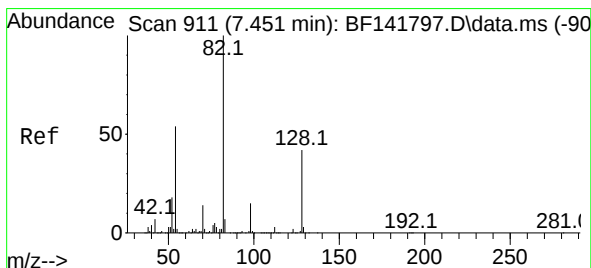
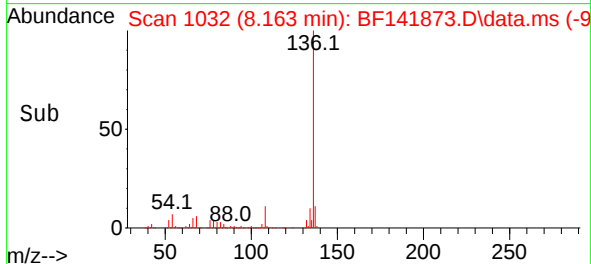
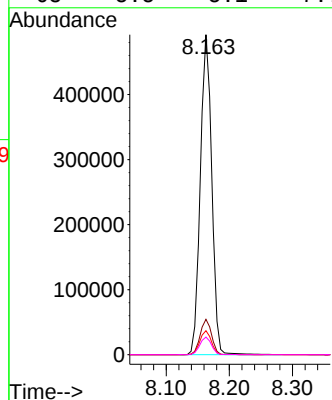
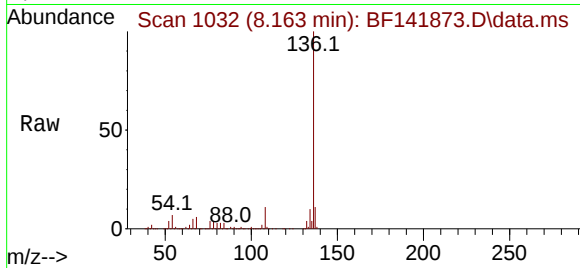


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

Tgt Ion:136 Resp: 617843

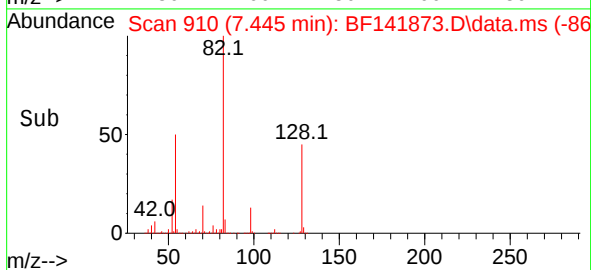
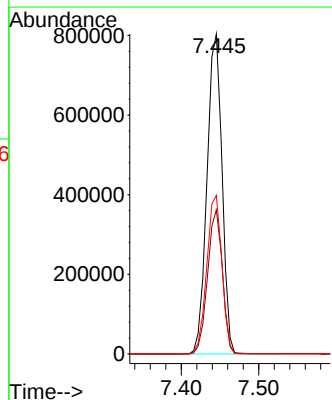
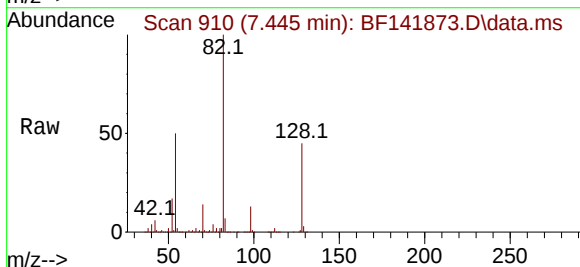
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.9	10.3
68	5.5	5.1	7.7

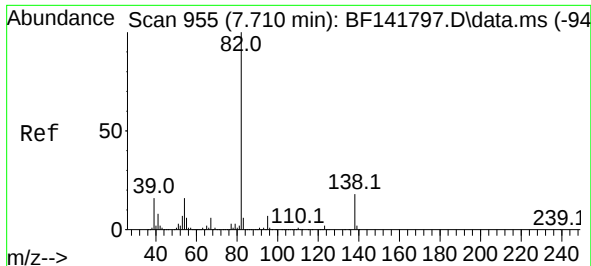


#23
Nitrobenzene-d5
Concen: 112.047 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion: 82 Resp: 1083032

Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.5	50.3
54	49.6	42.7	64.1

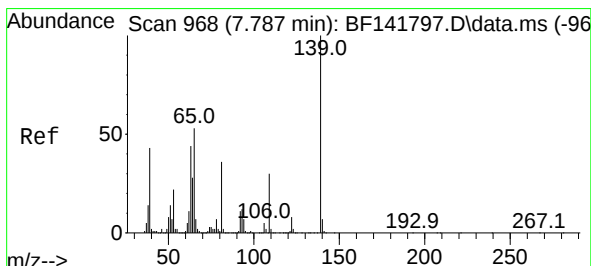
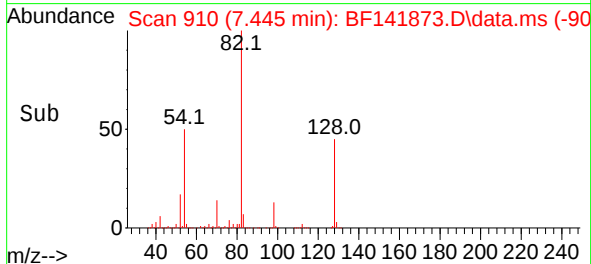
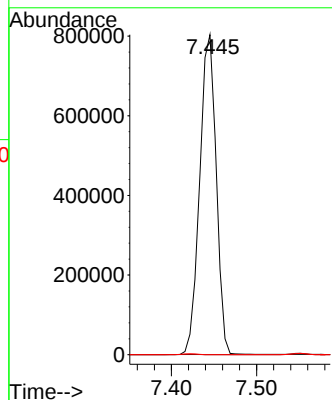
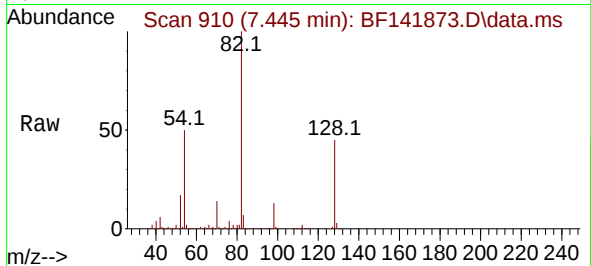




#25
Isophorone
Concen: 51.947 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

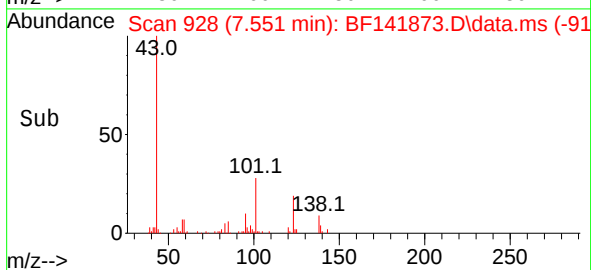
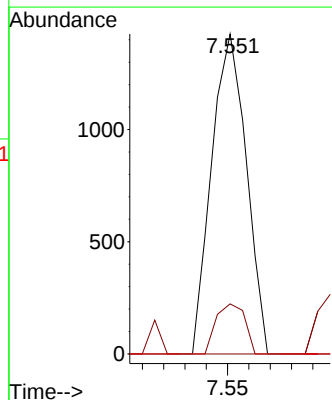
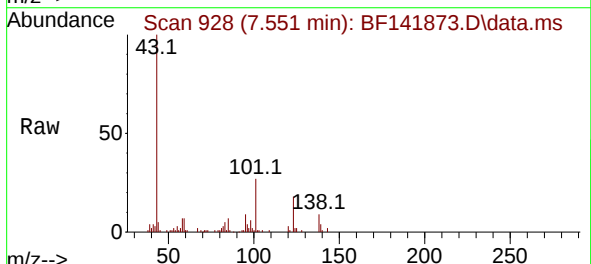
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

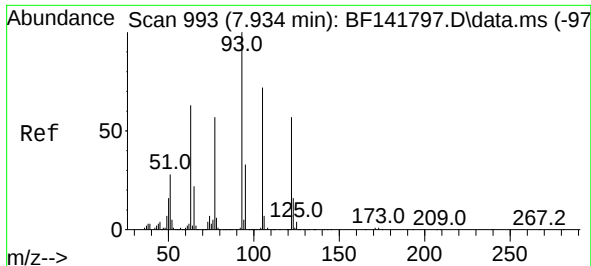
Tgt Ion: 82 Resp: 1078728
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.0 21.0#



#26
2-Nitrophenol
Concen: 4.866 ng
RT: 7.551 min Scan# 928
Delta R.T. -0.236 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:139 Resp: 1615
Ion Ratio Lower Upper
139 100
109 15.6 24.1 36.1#
65 0.0 42.3 63.5#

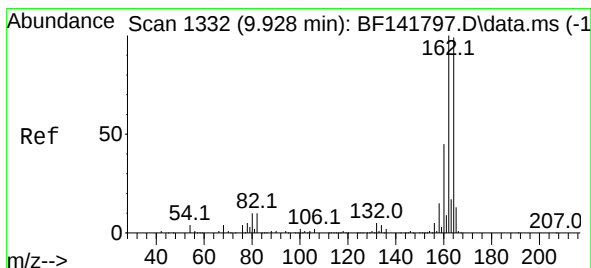
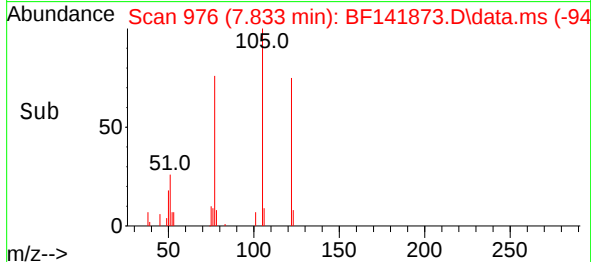
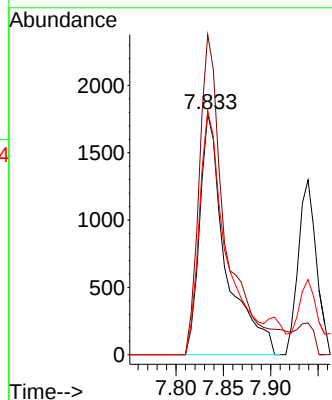
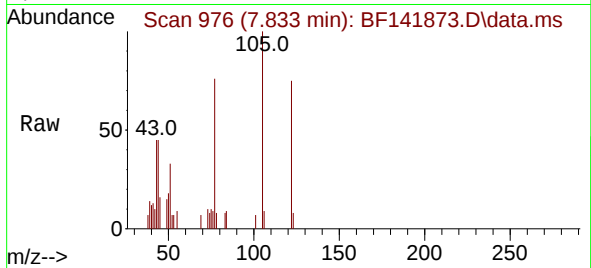




#32
Benzoic acid
Concen: 8.140 ng
RT: 7.833 min Scan# 91
Delta R.T. -0.101 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

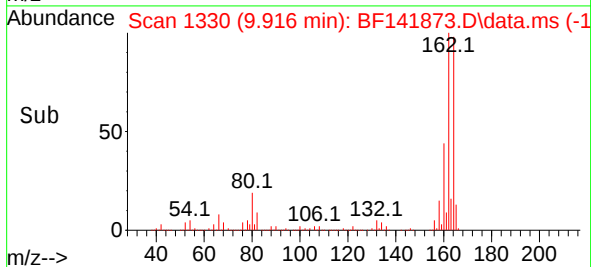
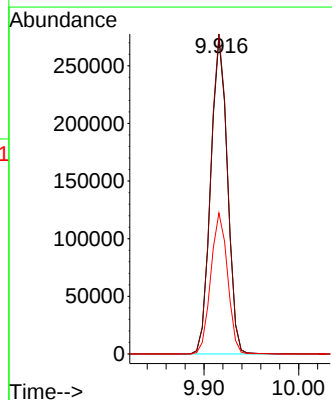
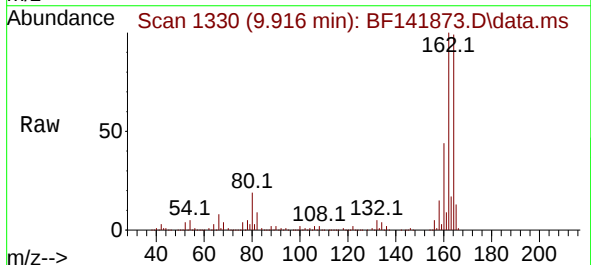
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

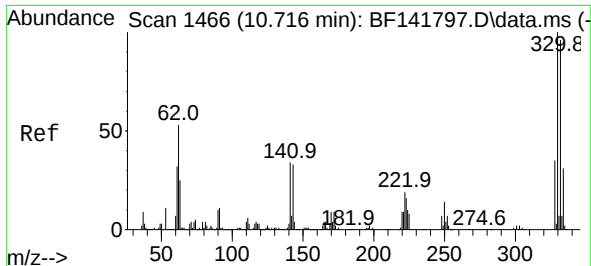
Tgt Ion:122 Resp: 3407
Ion Ratio Lower Upper
122 100
105 132.8 105.8 145.8
77 101.2 79.9 119.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:164 Resp: 335550
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 182.042 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

Instrument :

BNA_F

ClientSampleId :

TR-OTR-COMP-01

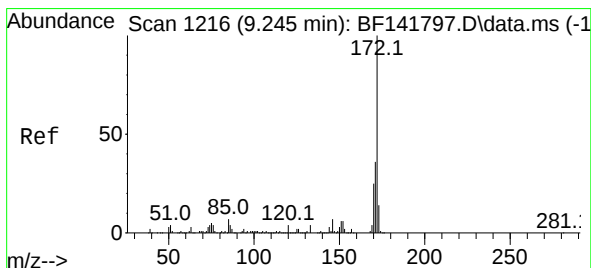
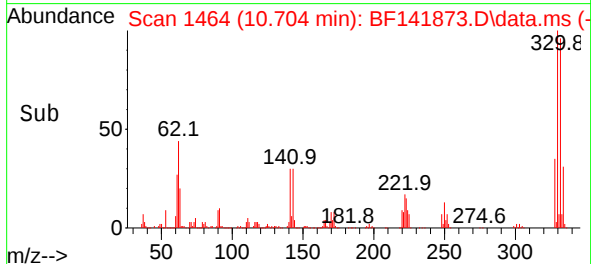
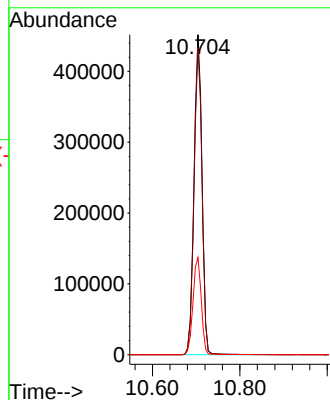
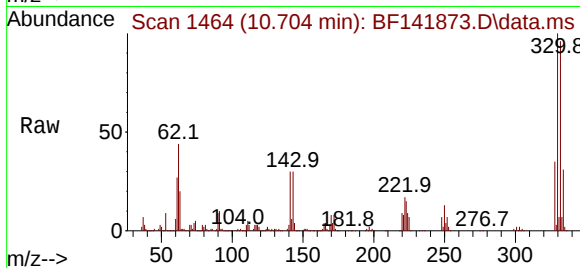
Tgt Ion:330 Resp: 573470

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 31.5 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 96.180 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

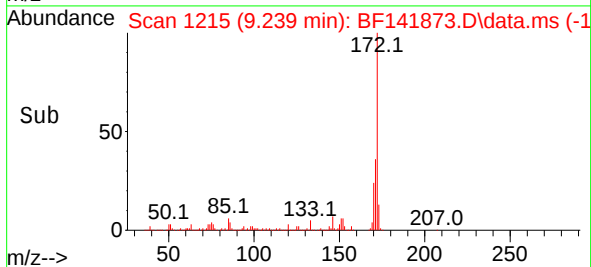
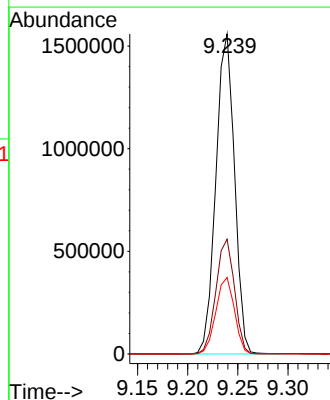
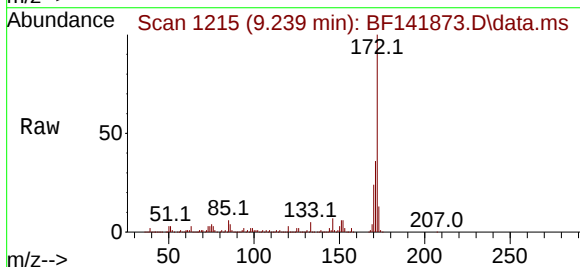
Tgt Ion:172 Resp: 2012745

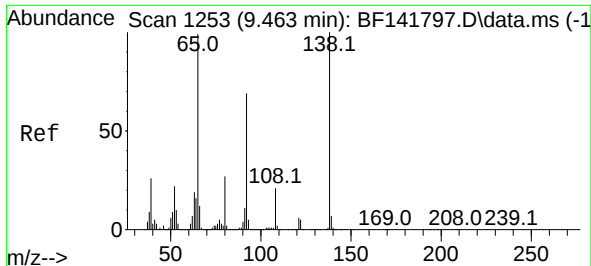
Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 23.9 19.7 29.5





#48

2-Nitroaniline

Concen: 4.360 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.088 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

Instrument :

BNA_F

ClientSampleId :

TR-OTR-COMP-01

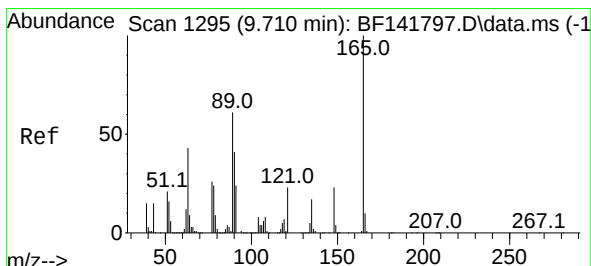
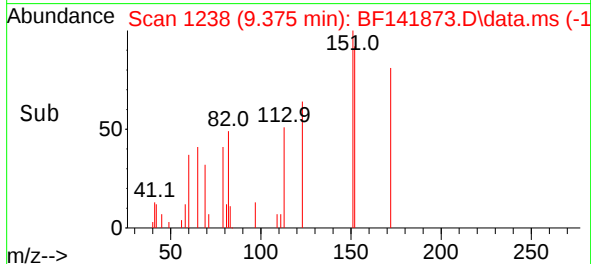
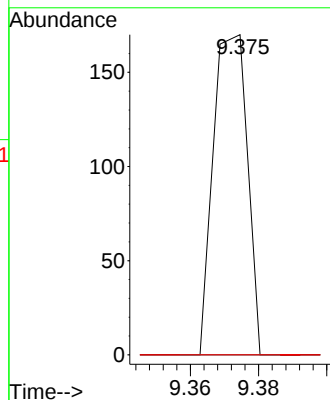
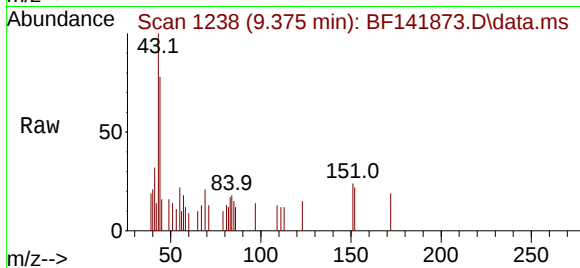
Tgt Ion: 65 Resp: 118

Ion Ratio Lower Upper

65 100

92 0.0 55.7 83.5#

138 0.0 80.6 121.0#



#51

2,6-Dinitrotoluene

Concen: 12.435 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.206 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

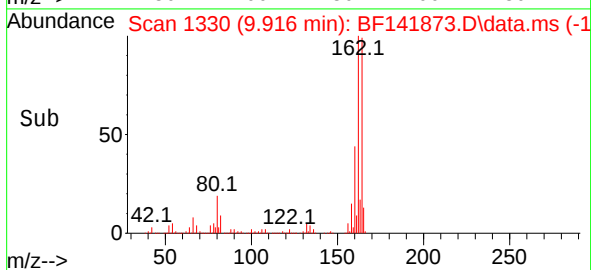
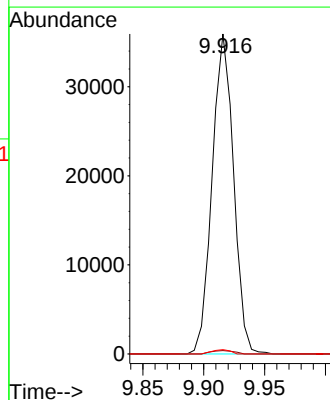
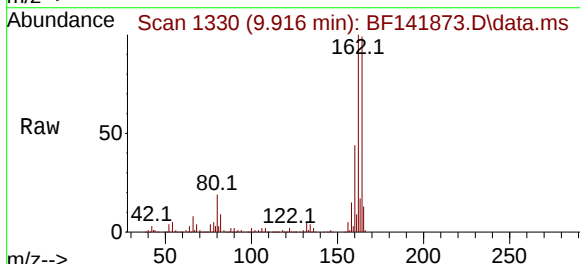
Tgt Ion: 165 Resp: 43880

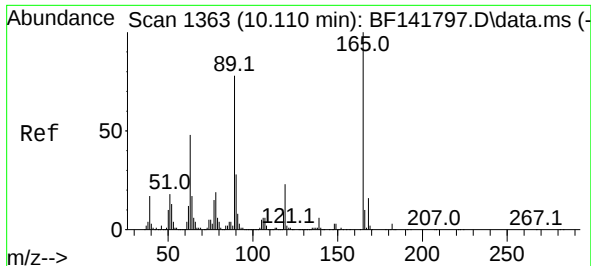
Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.4 49.0 73.4#

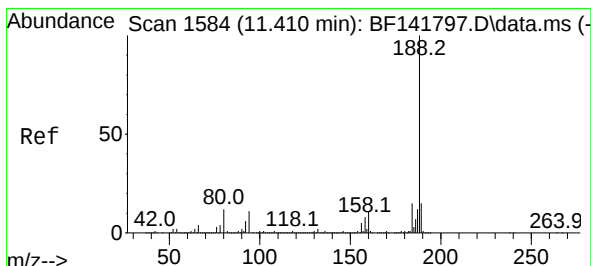
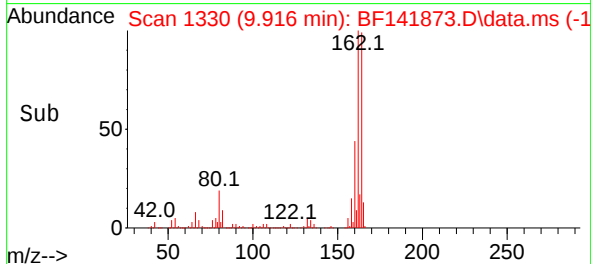
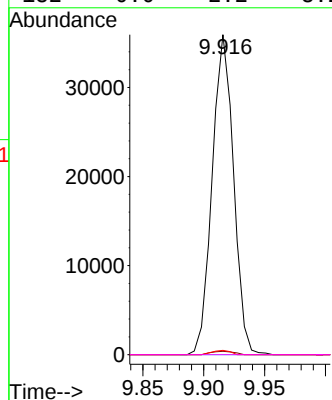
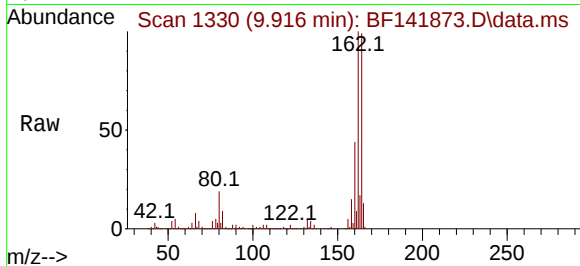




#57
2,4-Dinitrotoluene
Concen: 11.268 ng
RT: 9.916 min Scan# 14
Delta R.T. -0.194 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

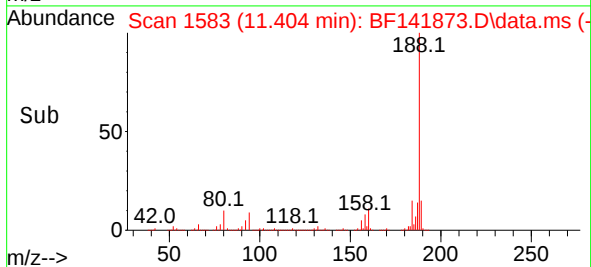
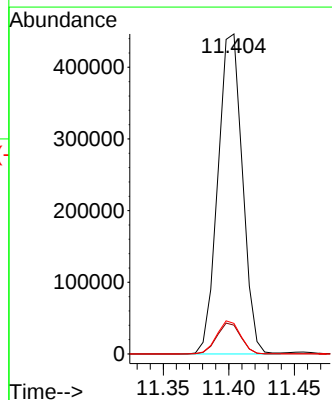
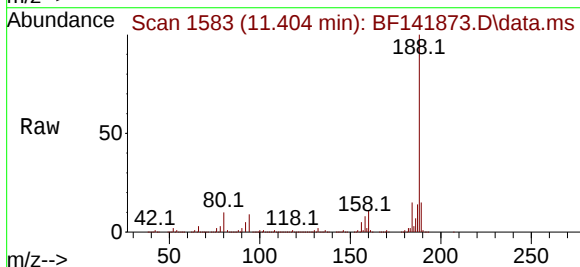
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

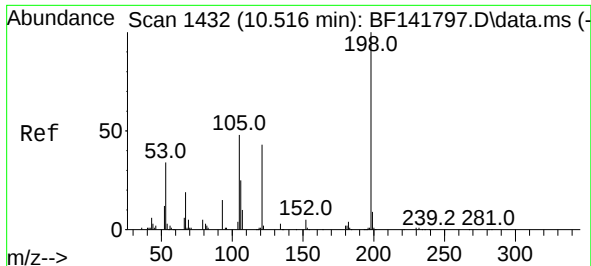
Tgt Ion:165 Resp: 43880
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 1.4 62.6 94.0#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:188 Resp: 580570
Ion Ratio Lower Upper
188 100
94 9.0 8.9 13.3
80 9.5 9.7 14.5#

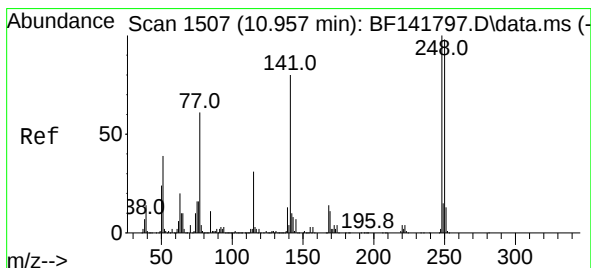
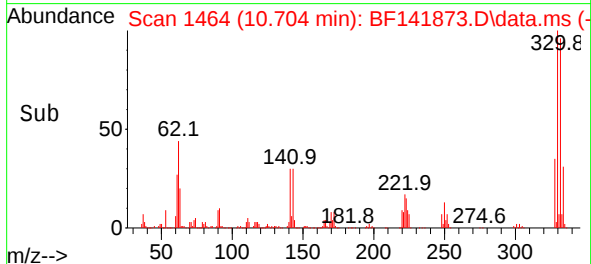
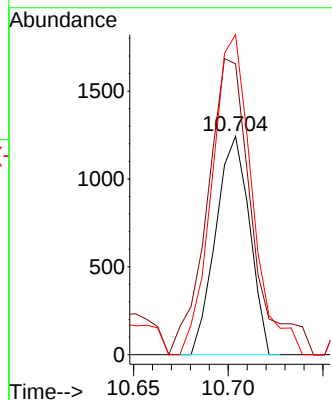
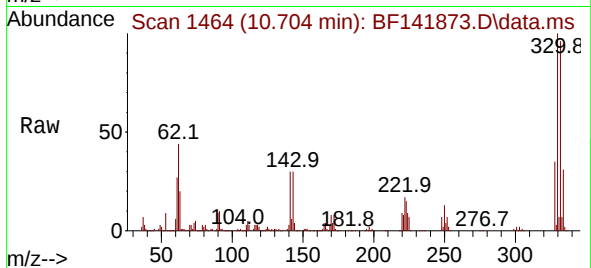




#65
4,6-Dinitro-2-methylphenol
Concen: 8.594 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

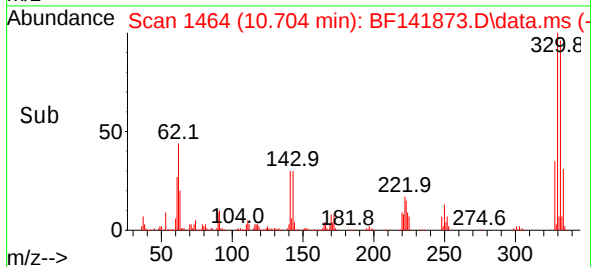
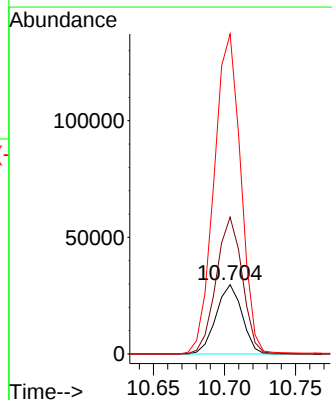
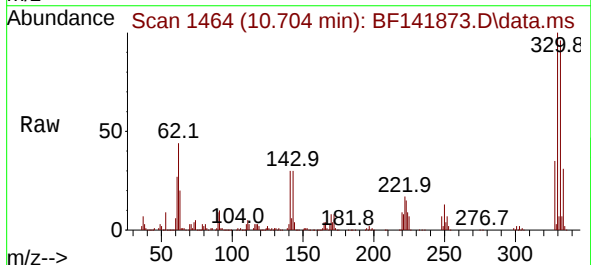
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

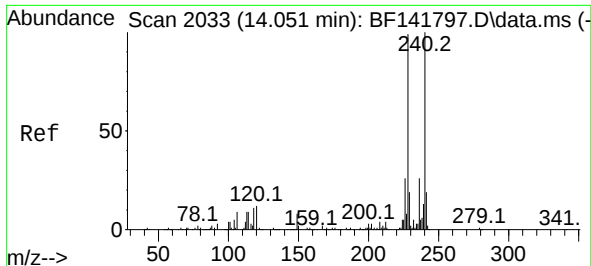
Tgt Ion:198 Resp: 1541
Ion Ratio Lower Upper
198 100
51 133.1 32.1 72.1#
105 146.5 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 5.569 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:248 Resp: 37763
Ion Ratio Lower Upper
248 100
250 197.4 78.1 117.1#
141 461.6 64.3 96.5#

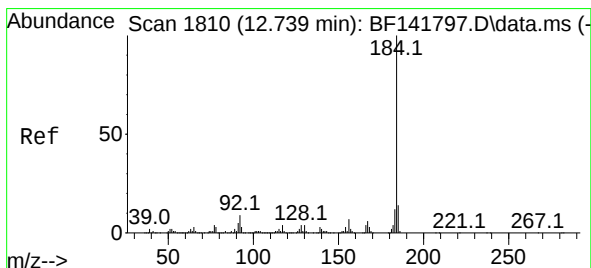
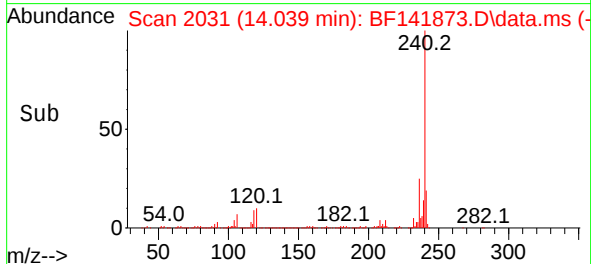
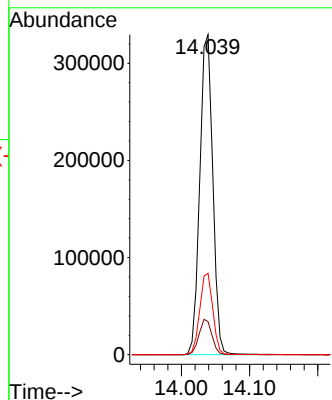
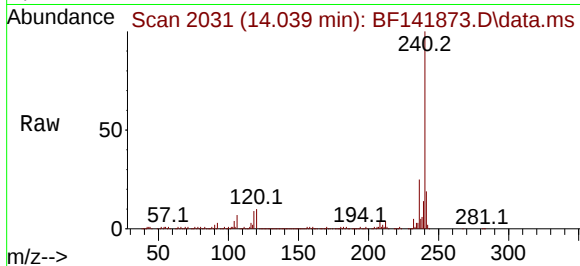




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

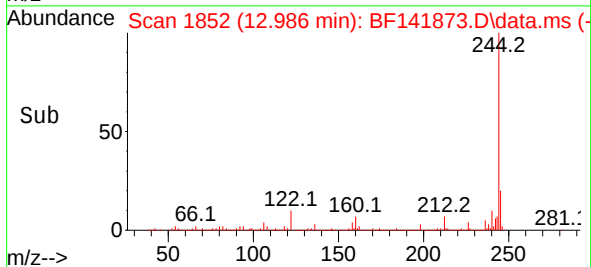
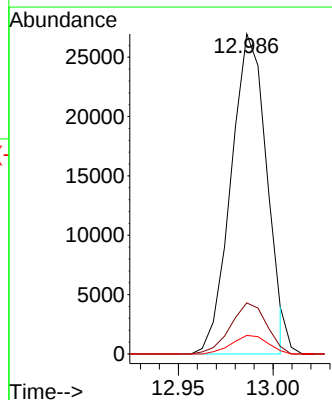
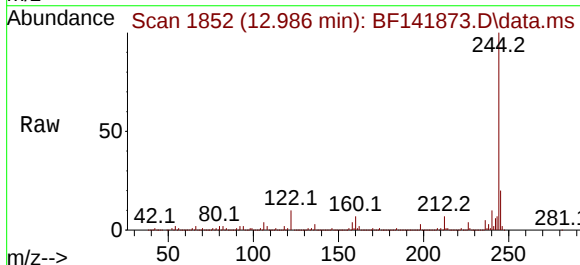
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

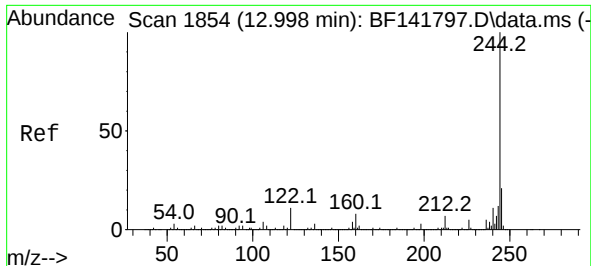
Tgt Ion:240 Resp: 437348
Ion Ratio Lower Upper
240 100
120 10.4 9.7 14.5
236 25.4 21.0 31.4



#77
Benzidine
Concen: 6.410 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:184 Resp: 35285
Ion Ratio Lower Upper
184 100
185 15.9 11.6 17.4
183 5.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 93.307 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

Instrument :

BNA_F

ClientSampleId :

TR-OTR-COMP-01

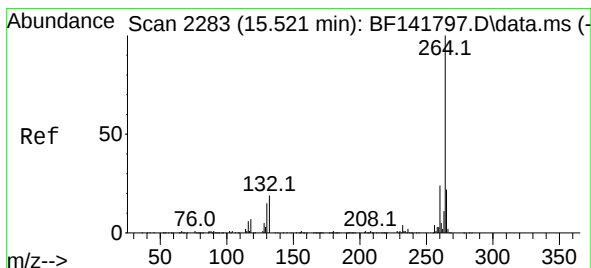
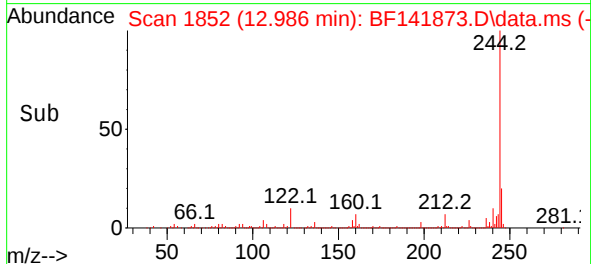
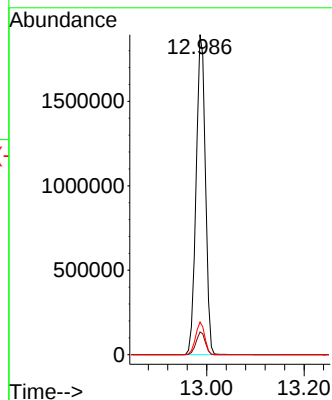
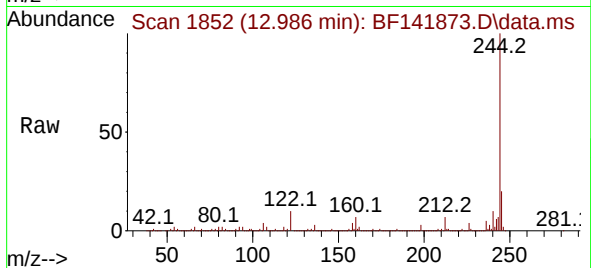
Tgt Ion:244 Resp: 2522220

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

Tgt Ion:264 Resp: 445885

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0

