

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141088.D
 Acq On : 08 Jan 2025 17:11
 Operator : RC/JU
 Sample : Q1034-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-A

Quant Time: Jan 08 17:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

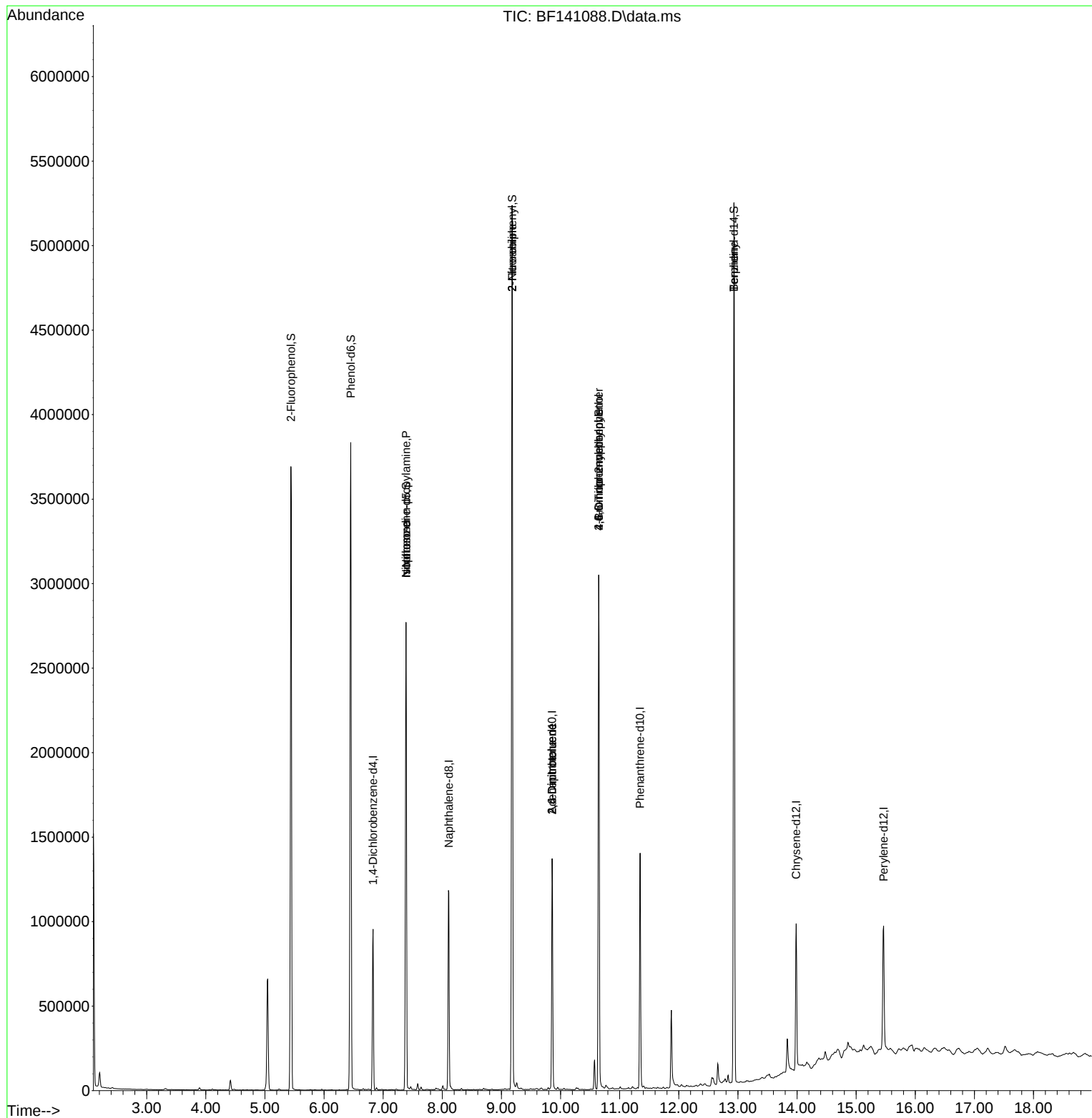
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	195582	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	772688	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	411863	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	688416	20.000	ng	0.00
76) Chrysene-d12	13.986	240	410587	20.000	ng	0.00
86) Perylene-d12	15.463	264	435140	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1474094	113.610	ng	0.00
7) Phenol-d6	6.451	99	1990429	119.084	ng	0.00
23) Nitrobenzene-d5	7.387	82	1279435	105.936	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	568121	141.956	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2365227	91.496	ng	0.00
79) Terphenyl-d14	12.933	244	2610967	105.625	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	119	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.387	70	174157	17.008	ng	# 77
25) Isophorone	7.387	82	1255812	47.784	ng	# 65
48) 2-Nitroaniline	9.181	65	3911	5.196	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	53337	12.574	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	53338	11.650	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1246	9.709	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	34252	4.603	ng	# 1
77) Benzidine	12.933	184	33678	3.881	ng	# 91

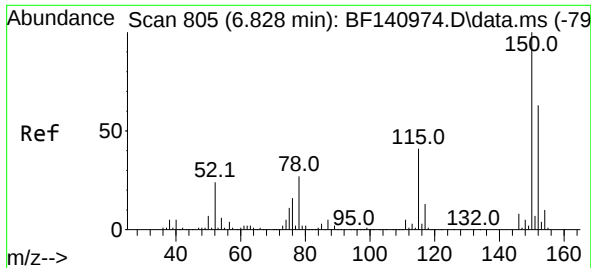
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141088.D
Acq On : 08 Jan 2025 17:11
Operator : RC/JU
Sample : Q1034-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SF-6-A

Quant Time: Jan 08 17:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

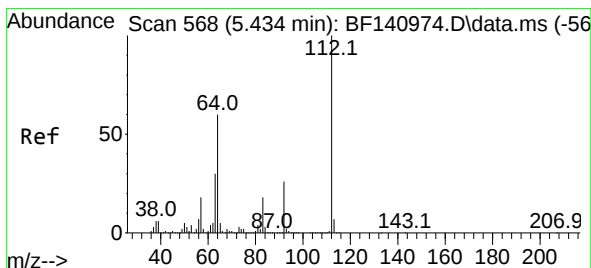
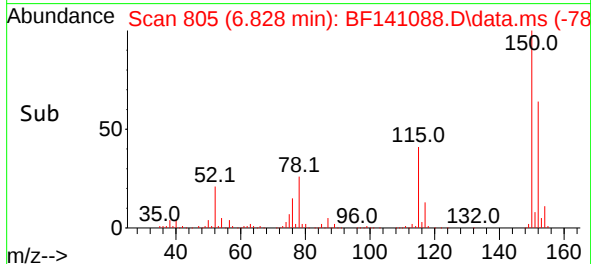
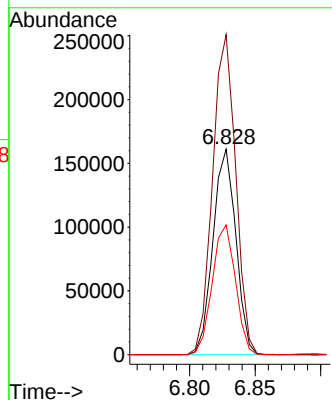
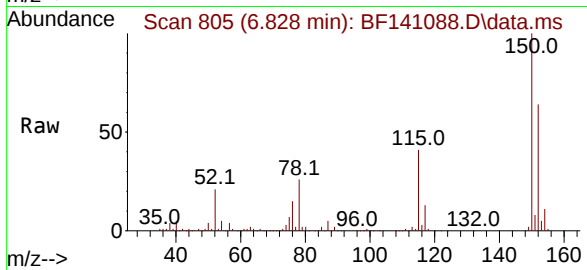




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

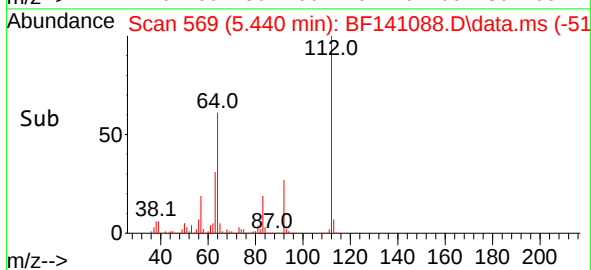
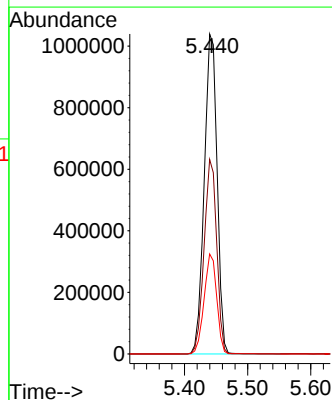
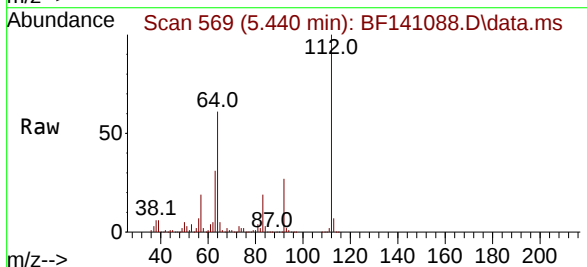
Instrument :
BNA_F
ClientSampleId :
SF-6-A

Tgt Ion:152 Resp: 195582
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 63.2 51.7 77.5



#5
2-Fluorophenol
Concen: 113.610 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion:112 Resp: 1474094
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 31.2 24.2 36.2

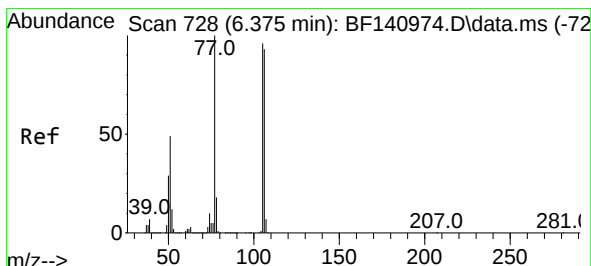
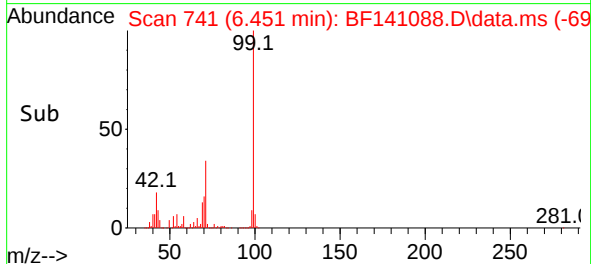
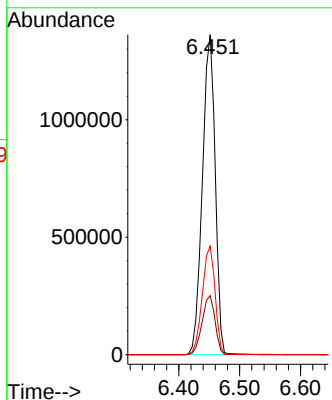
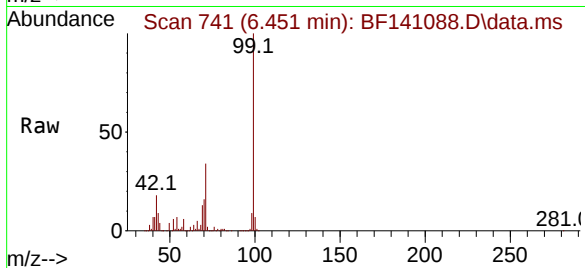




#7
Phenol-d6
Concen: 119.084 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

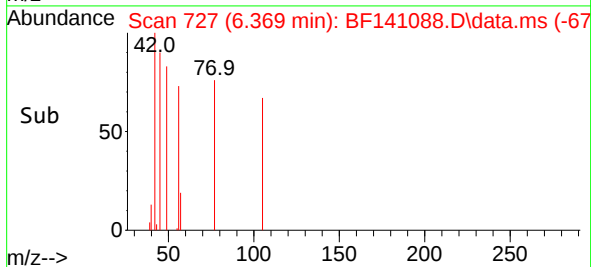
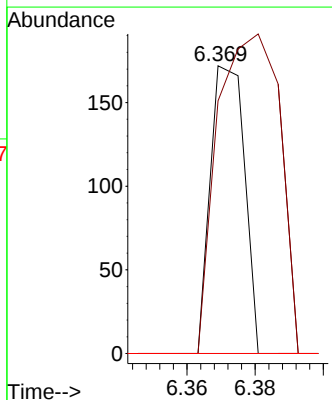
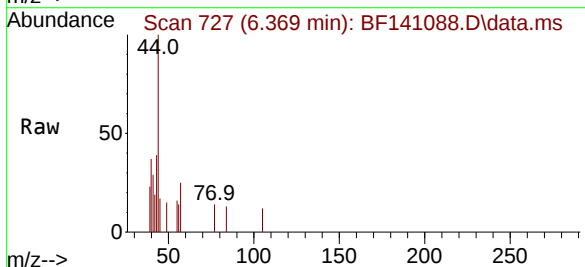
Instrument :
BNA_F
ClientSampleId :
SF-6-A

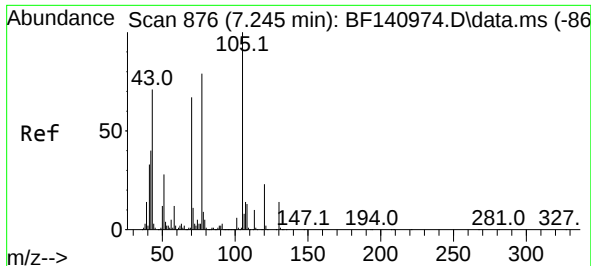
Tgt Ion: 99 Resp: 1990429
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 34.0 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
105 87.8 76.2 116.2
106 0.0 73.4 113.4#

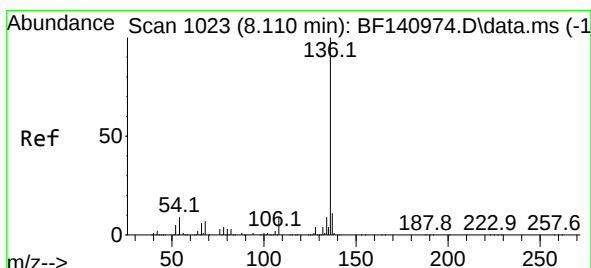
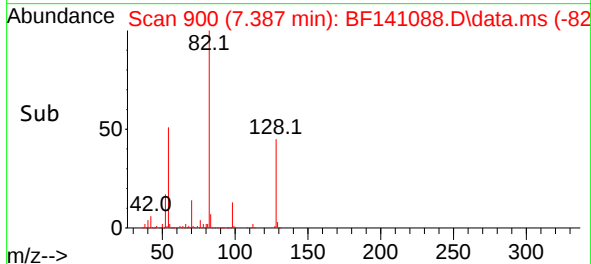
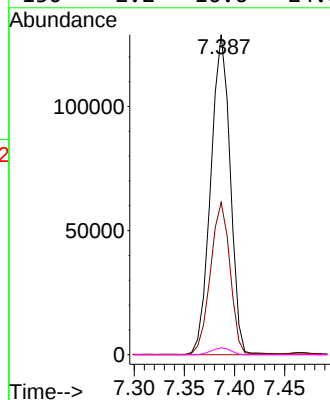
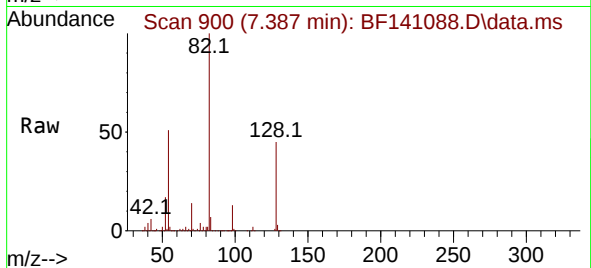




#19
n-Nitroso-di-n-propylamine
Concen: 17.008 ng
RT: 7.387 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

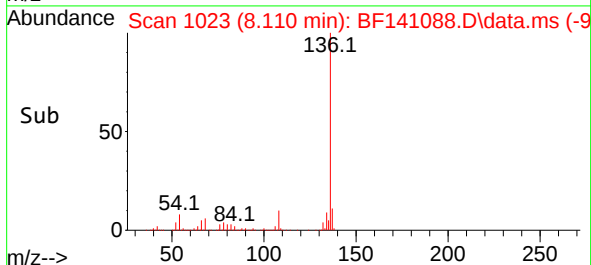
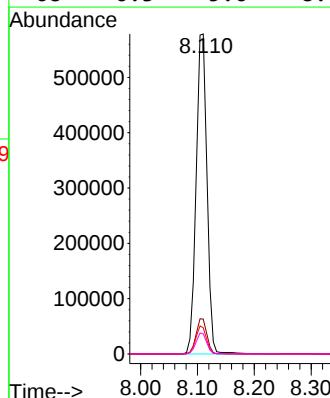
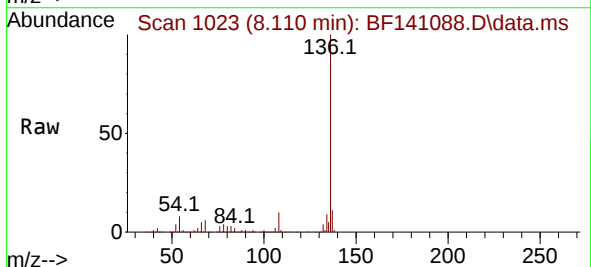
Instrument :
BNA_F
ClientSampleId :
SF-6-A

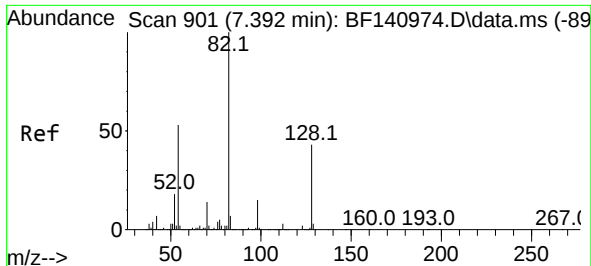
Tgt Ion: 70 Resp: 174157
Ion Ratio Lower Upper
70 100
42 47.6 48.1 72.1#
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion: 136 Resp: 772688
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.6 11.4
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 105.936 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SF-6-A

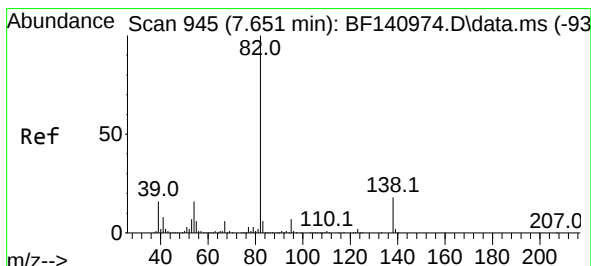
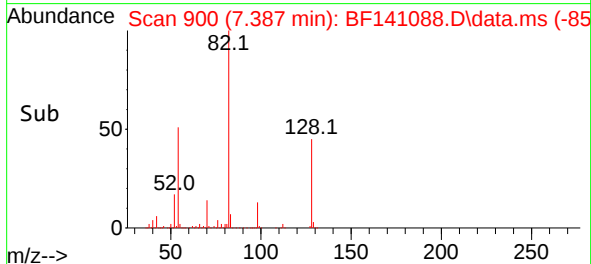
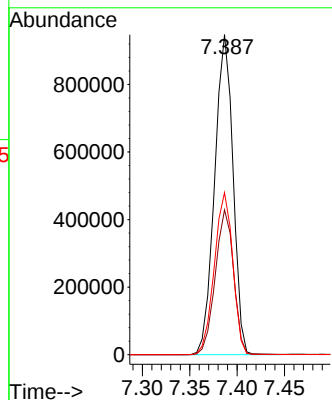
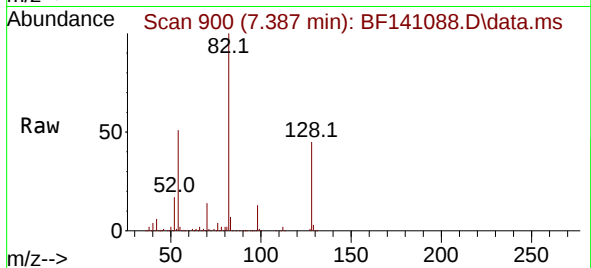
Tgt Ion: 82 Resp: 1279435

Ion Ratio Lower Upper

82 100

128 45.3 34.4 51.6

54 50.6 42.4 63.6



#25

Isophorone

Concen: 47.784 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.265 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

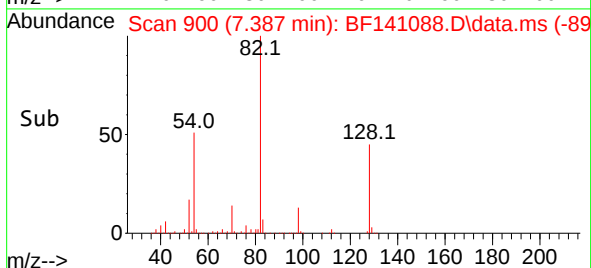
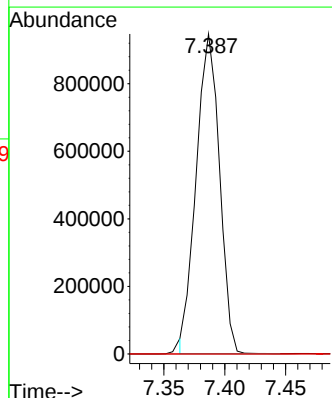
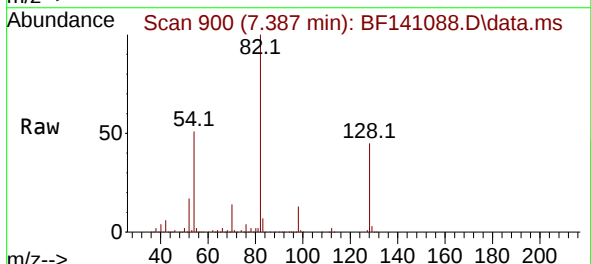
Tgt Ion: 82 Resp: 1255812

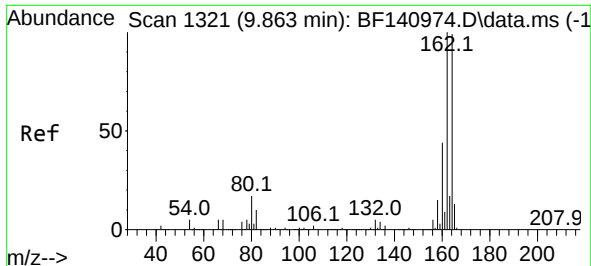
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 21.8#

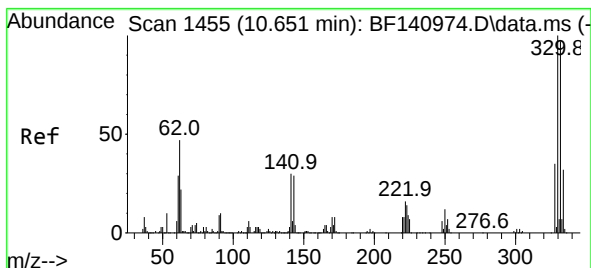
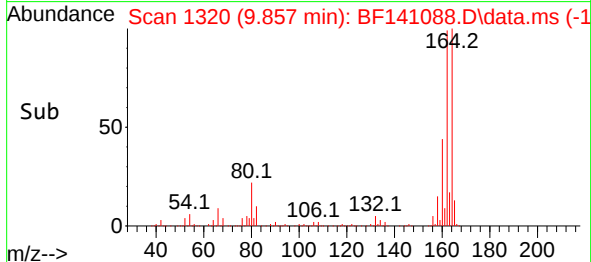
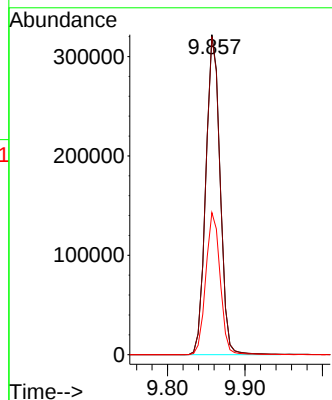
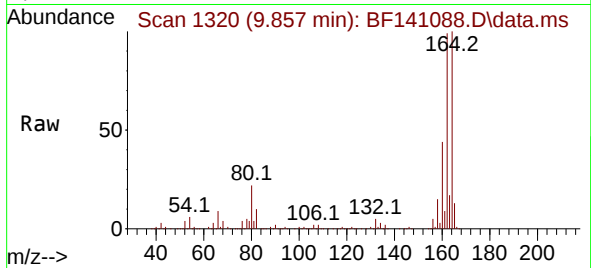




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

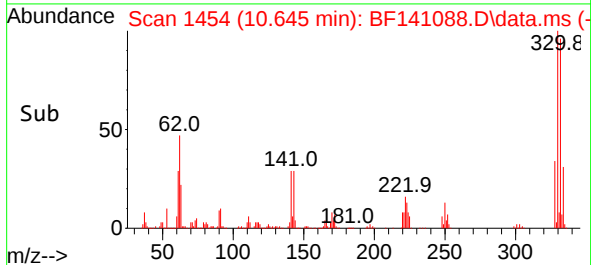
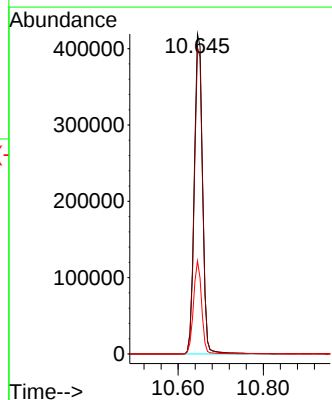
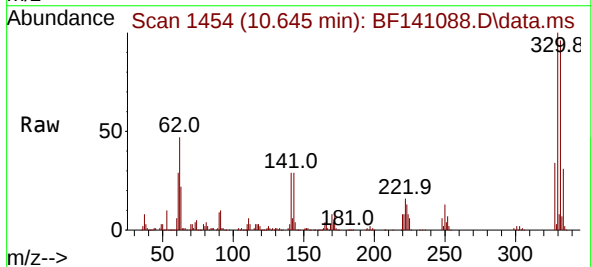
Instrument :
BNA_F
ClientSampleId :
SF-6-A

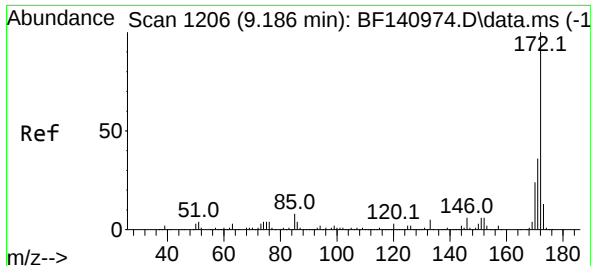
Tgt Ion:164 Resp: 411863
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 44.4 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 141.956 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion:330 Resp: 568121
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 28.4 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 91.496 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SF-6-A

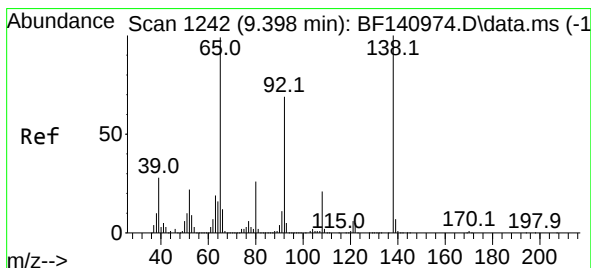
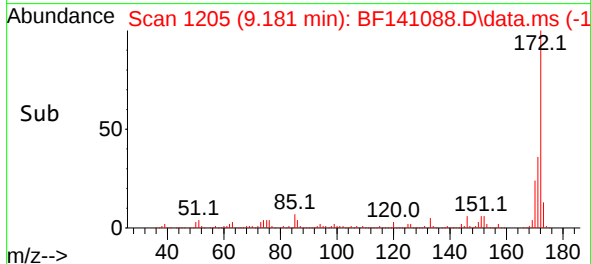
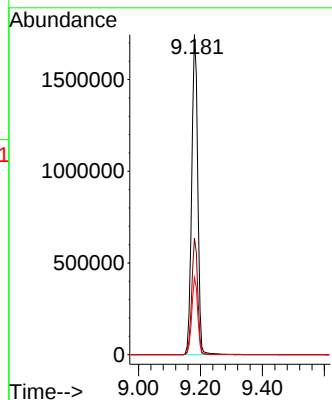
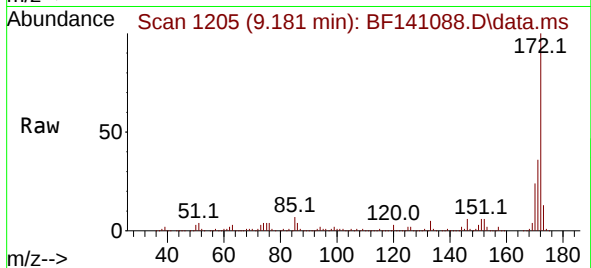
Tgt Ion:172 Resp: 2365227

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.1 19.6 29.4



#48

2-Nitroaniline

Concen: 5.196 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.217 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

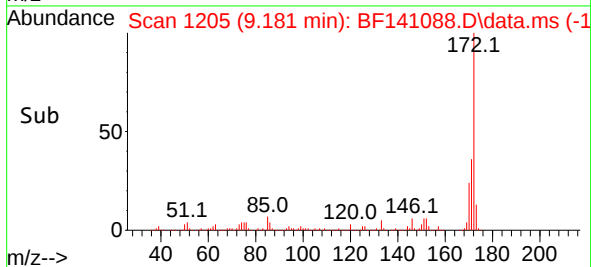
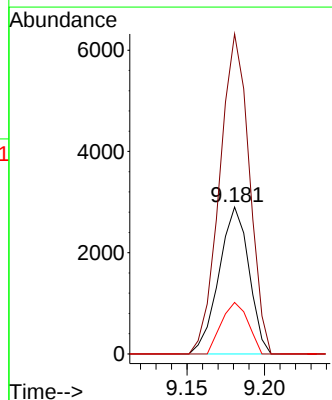
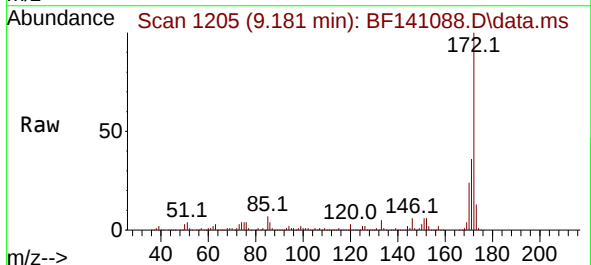
Tgt Ion: 65 Resp: 3911

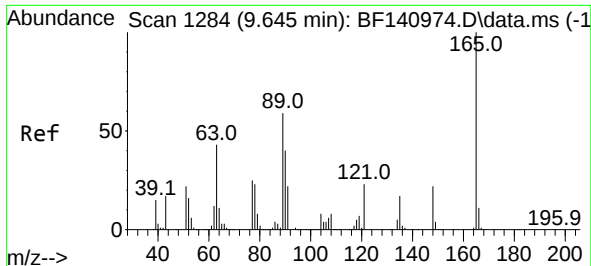
Ion Ratio Lower Upper

65 100

92 218.0 55.6 83.4#

138 35.1 80.5 120.7#

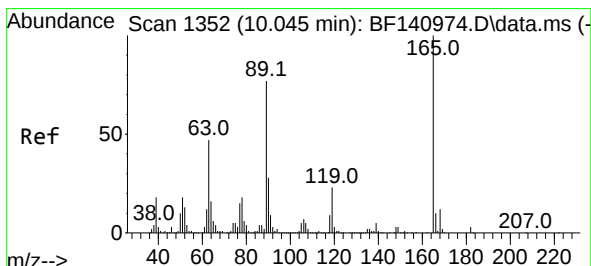
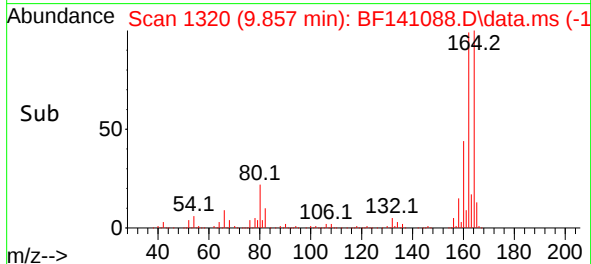
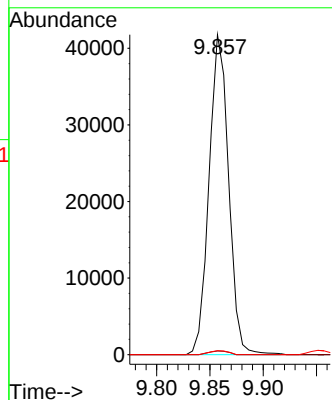
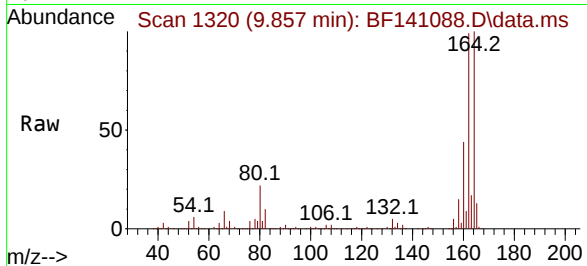




#51
2,6-Dinitrotoluene
Concen: 12.574 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

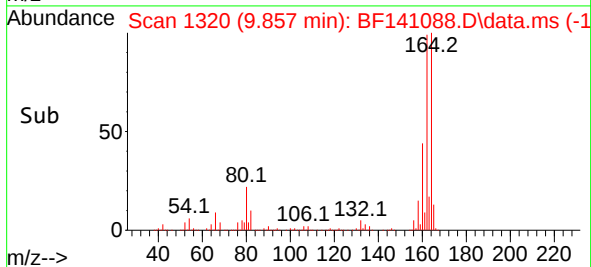
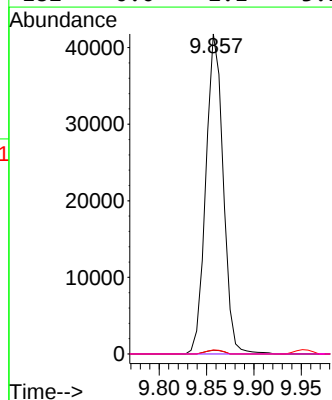
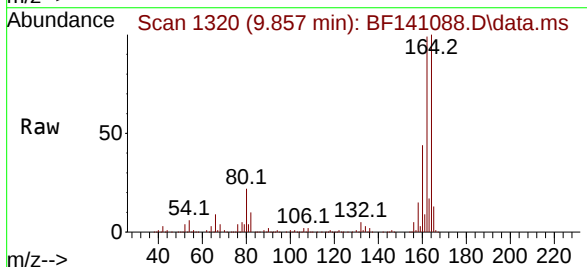
Instrument :
BNA_F
ClientSampleId :
SF-6-A

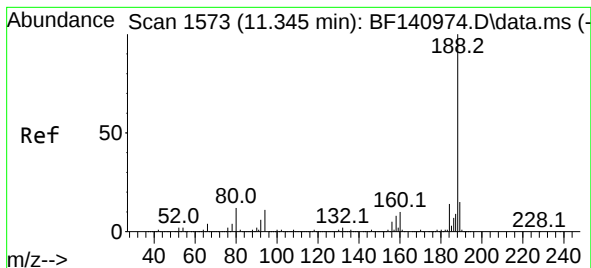
Tgt Ion:165 Resp: 53337
Ion Ratio Lower Upper
165 100
63 1.1 47.1 70.7#
89 1.3 47.0 70.4#



#57
2,4-Dinitrotoluene
Concen: 11.650 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion:165 Resp: 53338
Ion Ratio Lower Upper
165 100
63 1.1 38.1 57.1#
89 1.3 61.4 92.2#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SF-6-A

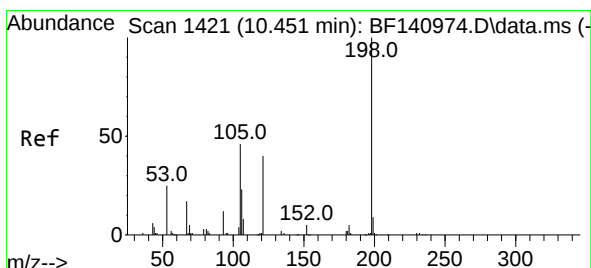
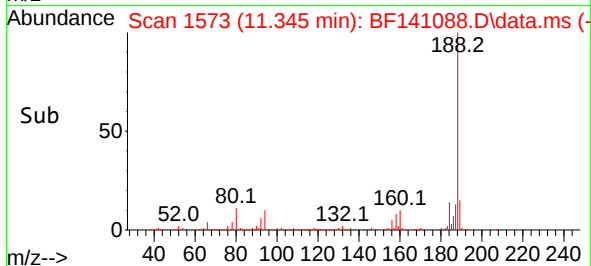
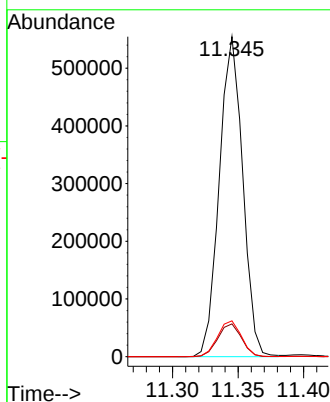
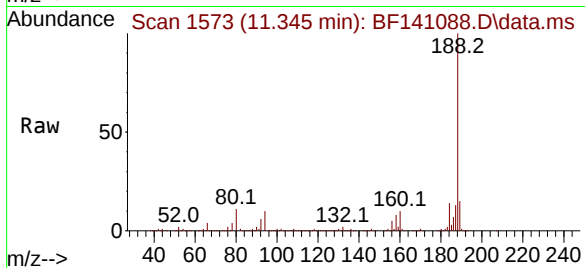
Tgt Ion:188 Resp: 688416

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.6

80 11.2 9.8 14.6



#65

4,6-Dinitro-2-methylphenol

Concen: 9.709 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.194 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

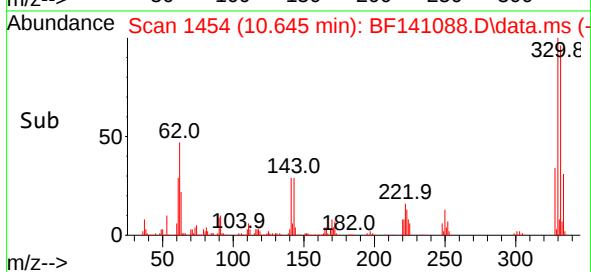
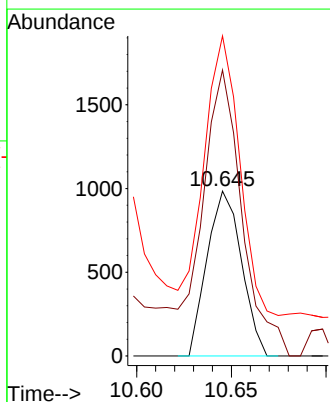
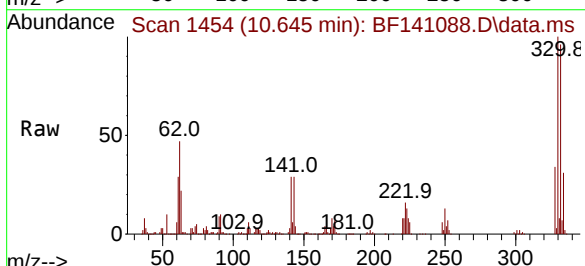
Tgt Ion:198 Resp: 1246

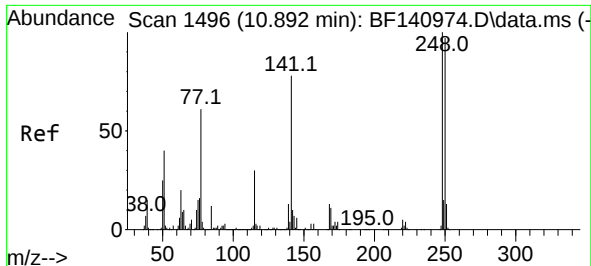
Ion Ratio Lower Upper

198 100

51 173.6 32.3 72.3#

105 194.2 28.4 68.4#

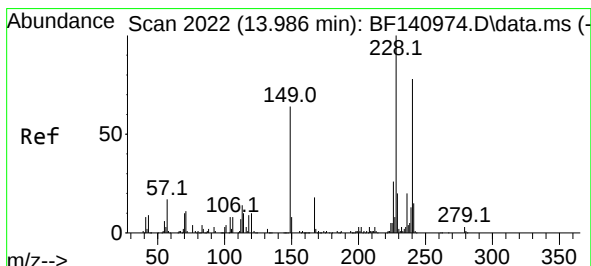
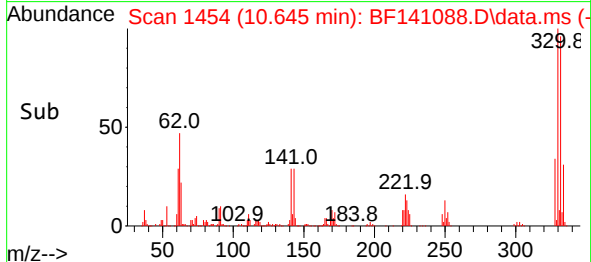
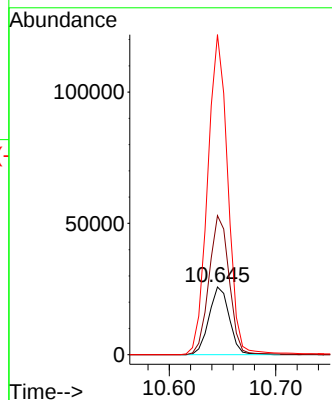
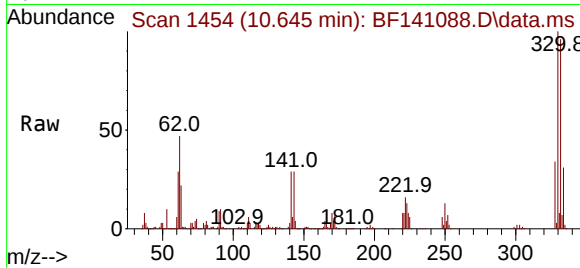




#67
4-Bromophenyl-phenylether
Concen: 4.603 ng
RT: 10.645 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

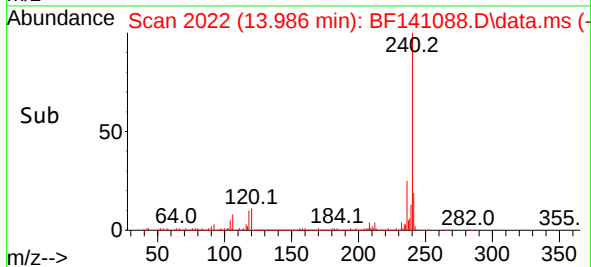
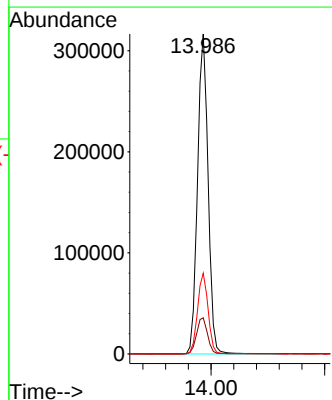
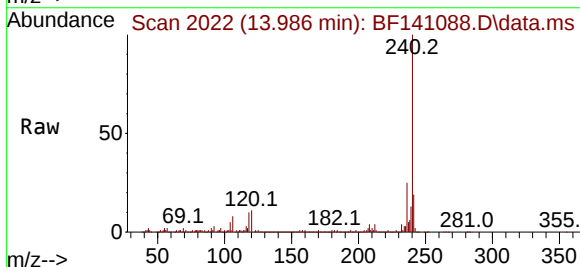
Instrument :
BNA_F
ClientSampleId :
SF-6-A

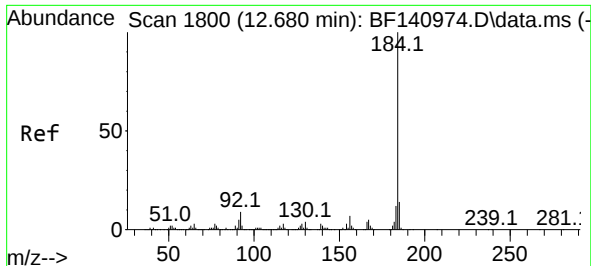
Tgt Ion:248 Resp: 34252
Ion Ratio Lower Upper
248 100
250 205.3 77.7 116.5#
141 472.5 62.1 93.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion:240 Resp: 410587
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 25.2 20.6 31.0

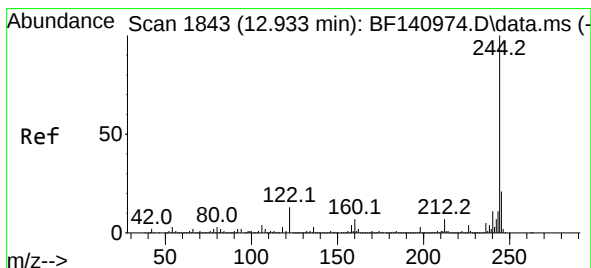
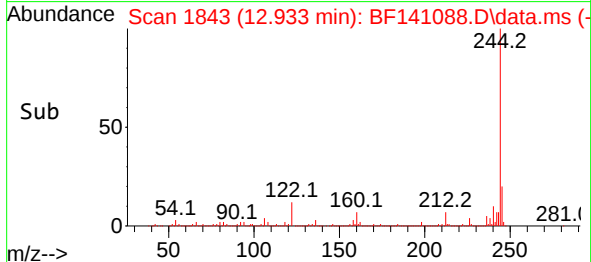
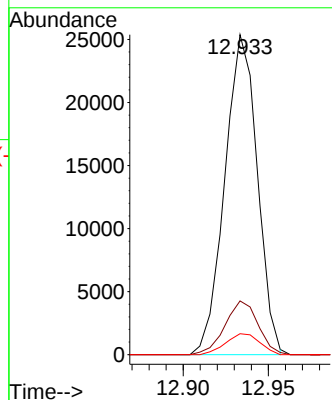
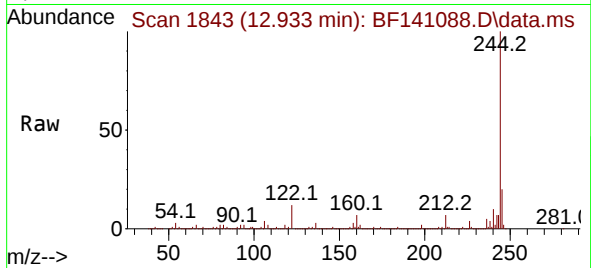




#77
Benzidine
Concen: 3.881 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.253 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

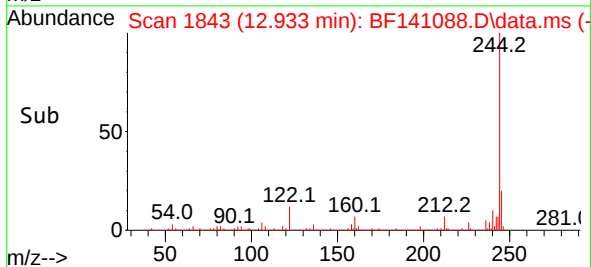
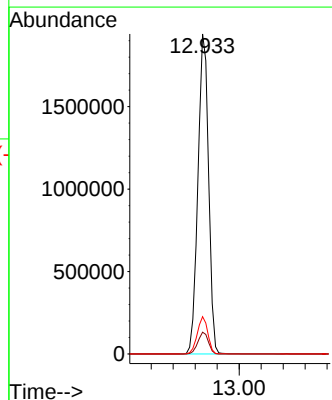
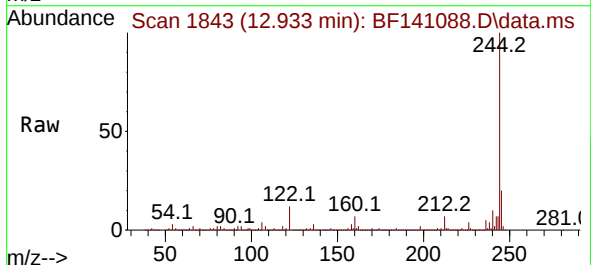
Instrument :
BNA_F
ClientSampleId :
SF-6-A

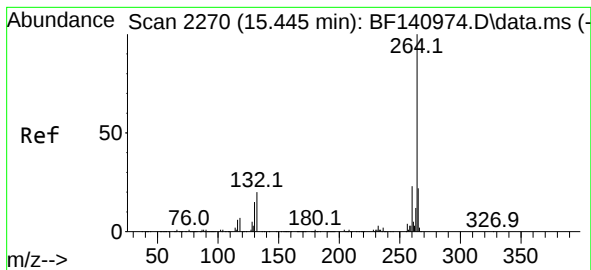
Tgt Ion:184 Resp: 33678
Ion Ratio Lower Upper
184 100
185 16.8 11.4 17.2
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 105.625 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

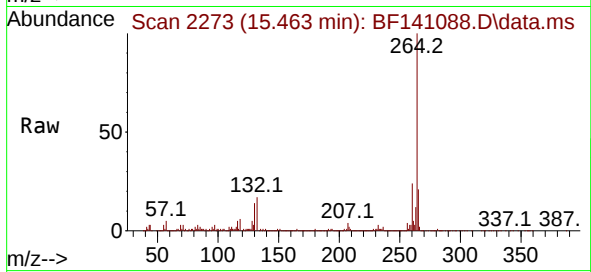
Tgt Ion:244 Resp: 2610967
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.6 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Instrument :
BNA_F
ClientSampleId :
SF-6-A



Tgt Ion:264 Resp: 435140

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.4	17.4	26.2

