

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142380.D
 Acq On : 14 May 2025 22:03
 Operator : RC/JU
 Sample : Q2017-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-I

Quant Time: May 15 01:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

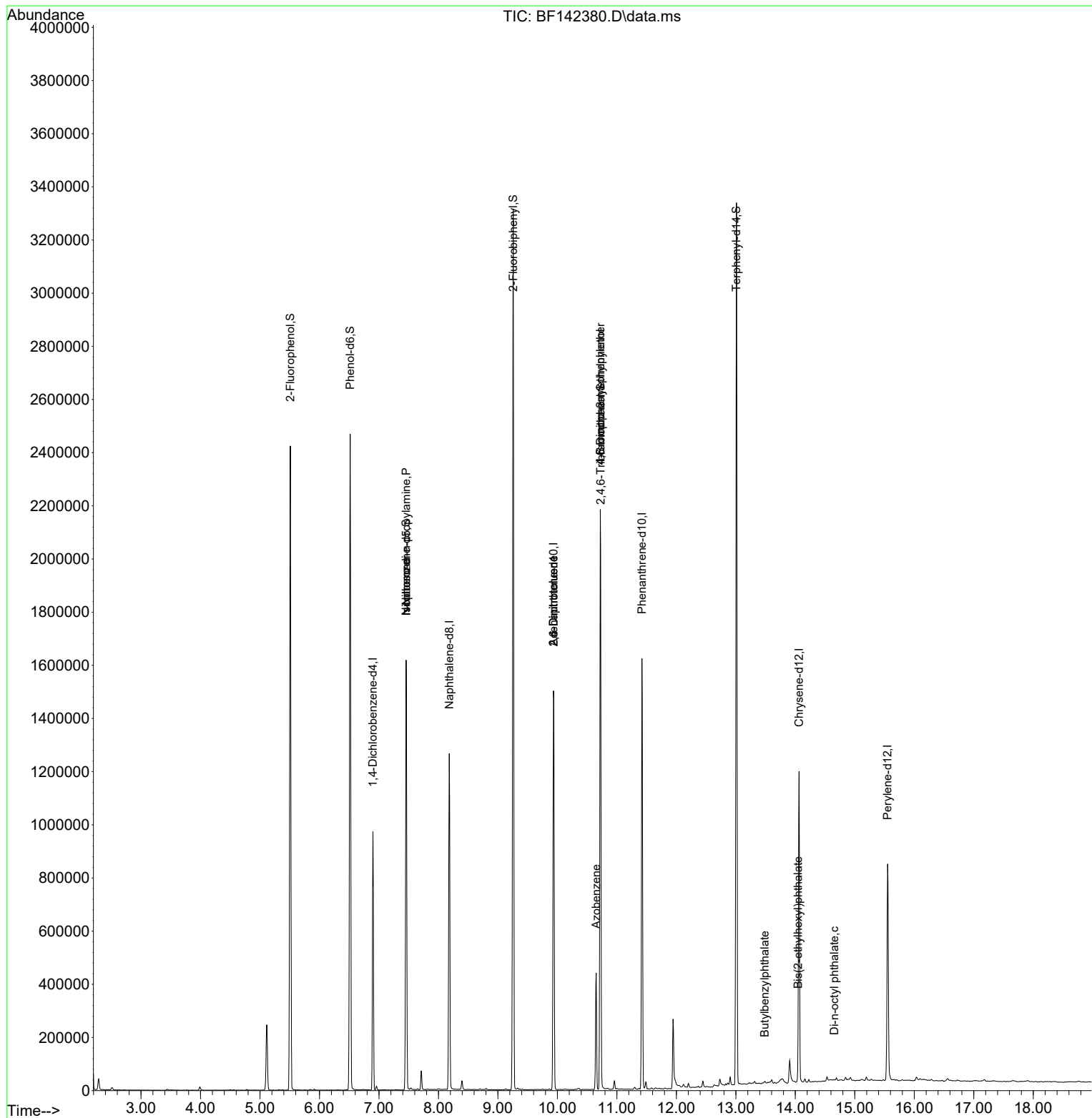
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	206123	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	812562	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	470712	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	837366	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	560731	20.000	ng	0.00
86) Perylene-d12	15.551	264	473950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	935079	77.442	ng	0.00
7) Phenol-d6	6.516	99	1198484	80.701	ng	0.00
23) Nitrobenzene-d5	7.457	82	686143	51.499	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	406294	89.401	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1500500	45.453	ng	0.00
79) Terphenyl-d14	13.010	244	1611522	42.538	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	91801	9.993	ng	# 77
25) Isophorone	7.457	82	677189	26.841	ng	# 62
51) 2,6-Dinitrotoluene	9.933	165	61098	10.799	ng	# 23
57) 2,4-Dinitrotoluene	9.933	165	61098	8.419	ng	# 25
63) Azobenzene	10.651	77	104984	3.640	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	759	7.350	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	24338	2.565	ng	# 1
80) Butylbenzylphthalate	13.486	149	698	3.703	ng	# 49
84) Bis(2-ethylhexyl)phtha...	14.045	149	7770	4.610	ng	# 99
85) Di-n-octyl phthalate	14.657	149	454	7.851	ng	# 73

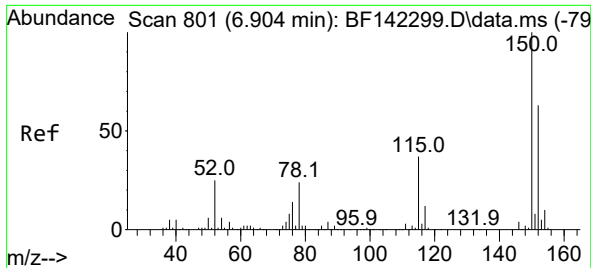
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
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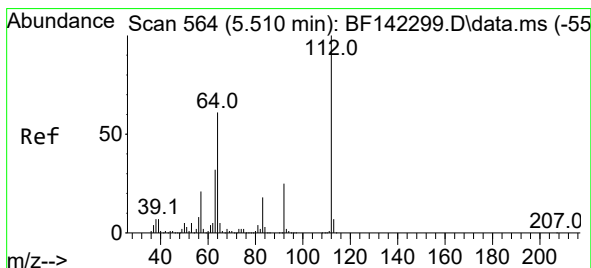
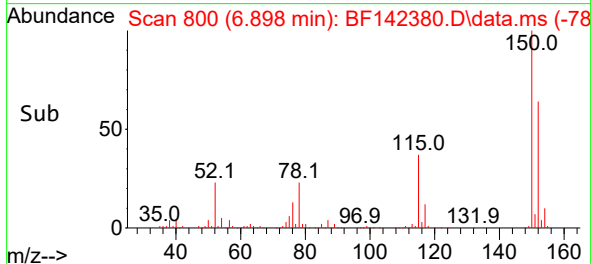
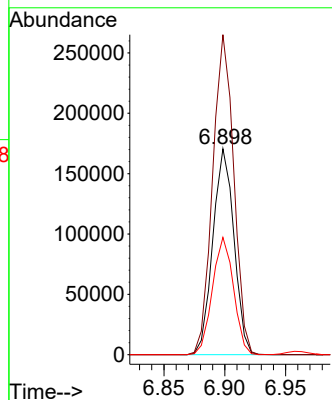
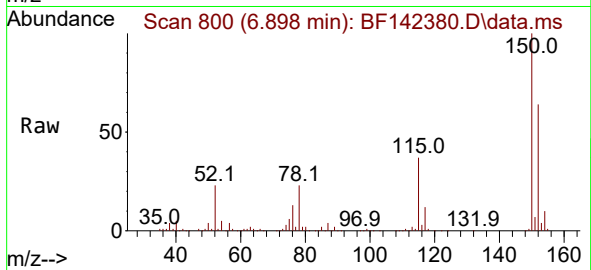




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

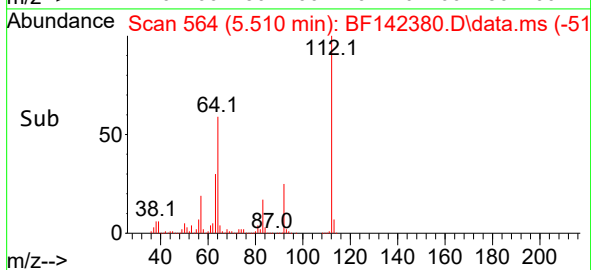
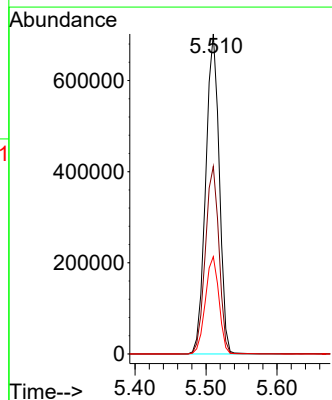
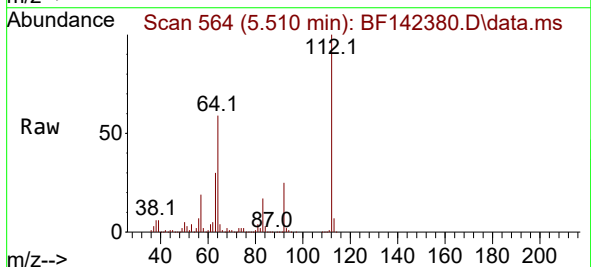
Instrument :
BNA_F
ClientSampleId :
MH-I

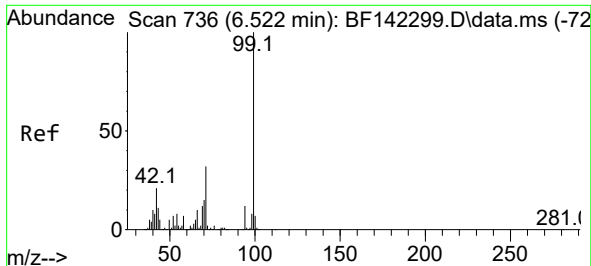
Tgt Ion:152 Resp: 206123
Ion Ratio Lower Upper
152 100
150 155.4 126.6 190.0
115 56.9 47.3 70.9



#5
2-Fluorophenol
Concen: 77.442 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:112 Resp: 935079
Ion Ratio Lower Upper
112 100
64 58.6 48.9 73.3
63 30.4 25.6 38.4

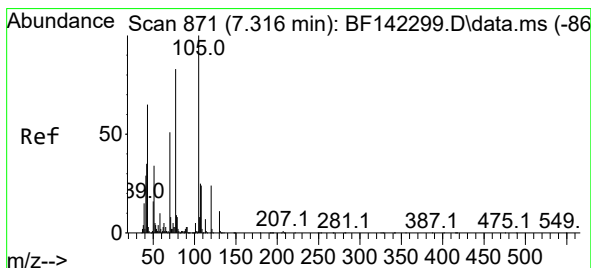
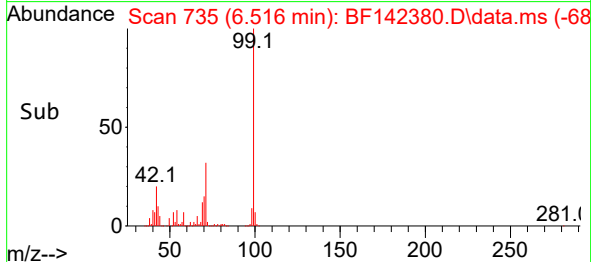
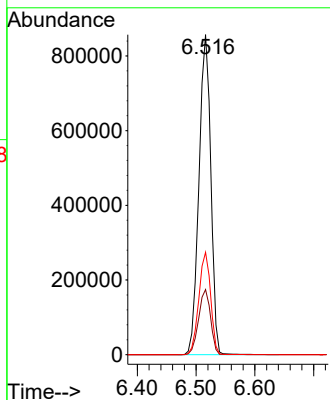
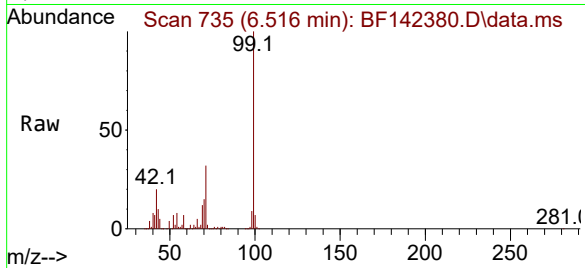




#7
Phenol-d6
Concen: 80.701 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

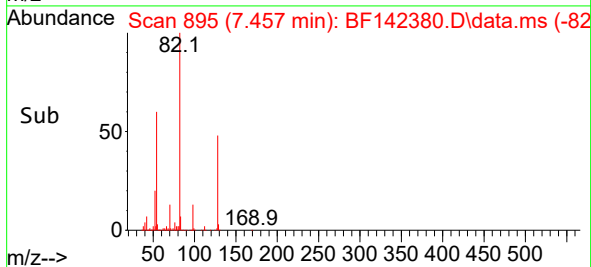
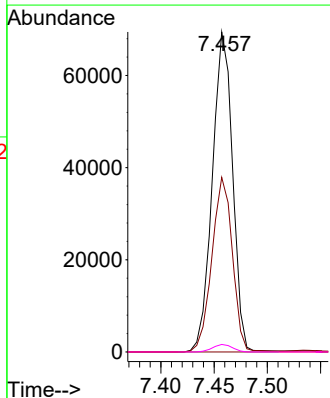
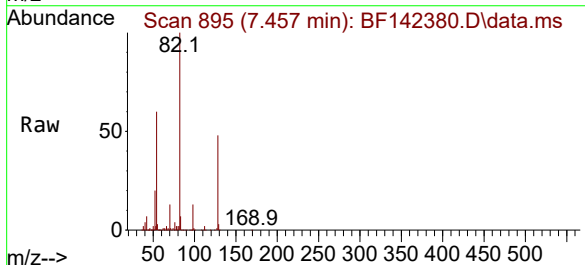
Instrument :
BNA_F
ClientSampleId :
MH-I

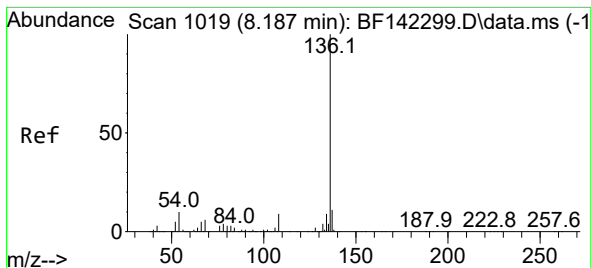
Tgt Ion: 99 Resp: 1198484
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 32.0 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.993 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion: 70 Resp: 91801
Ion Ratio Lower Upper
70 100
42 54.6 54.8 82.2#
101 0.0 7.7 11.5#
130 2.4 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142380.D

Acq: 14 May 2025 22:03

Instrument :

BNA_F

ClientSampleId :

MH-I

Tgt Ion:136 Resp: 812562

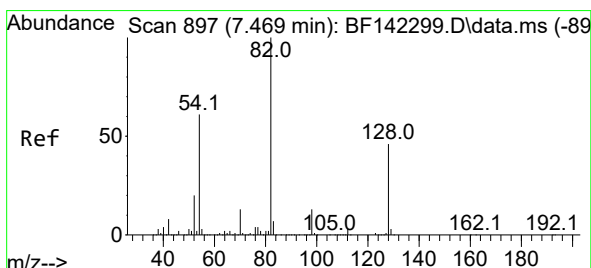
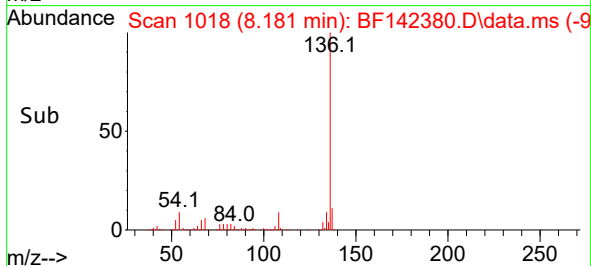
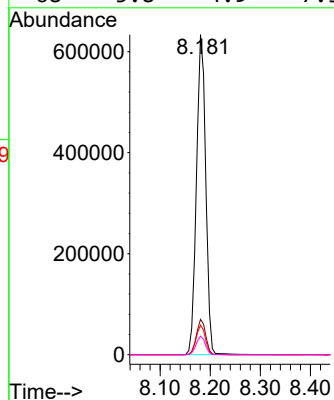
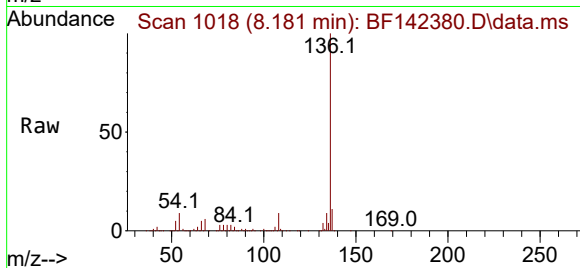
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 7.7 11.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 51.499 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142380.D

Acq: 14 May 2025 22:03

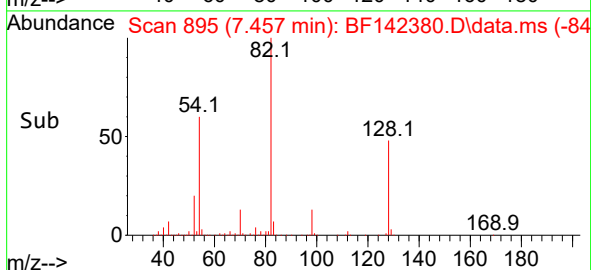
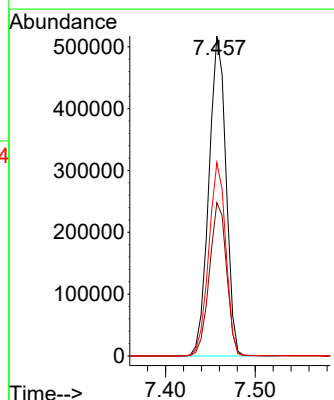
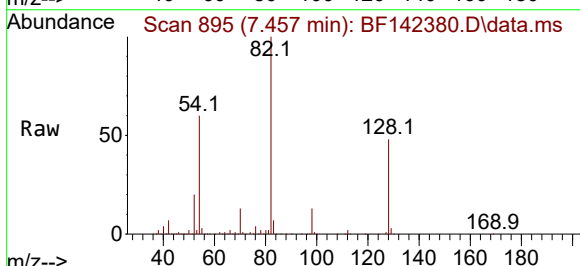
Tgt Ion: 82 Resp: 686143

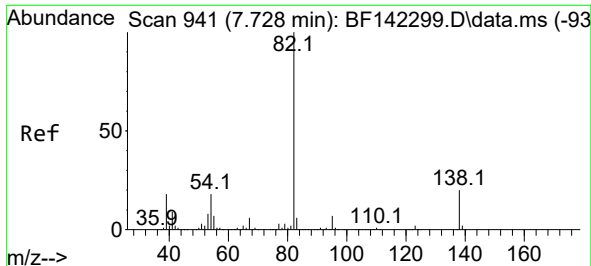
Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 60.4 48.6 73.0

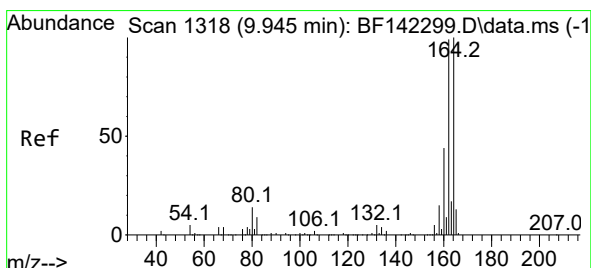
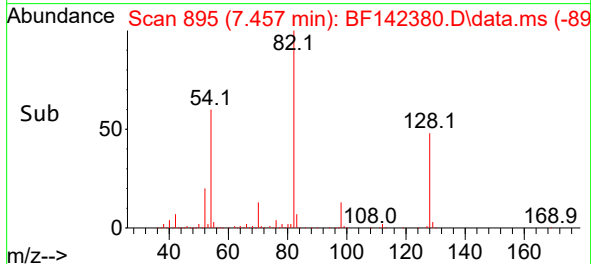
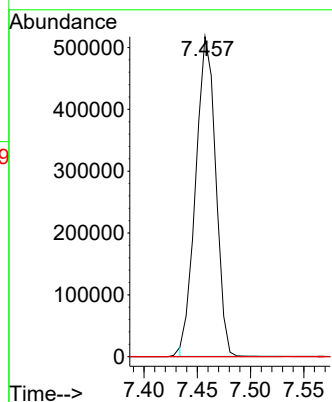
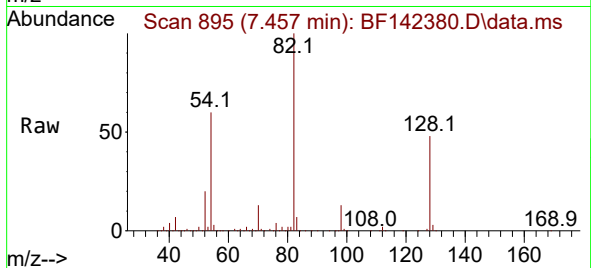




#25
Isophorone
Concen: 26.841 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

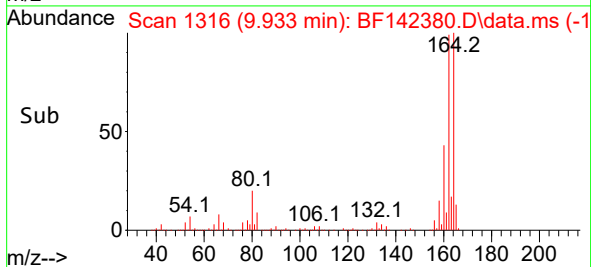
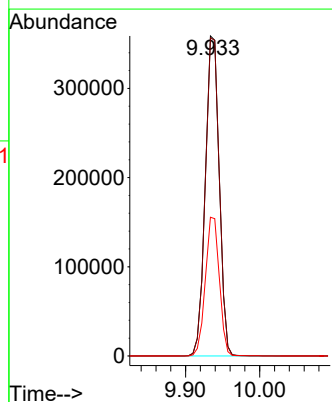
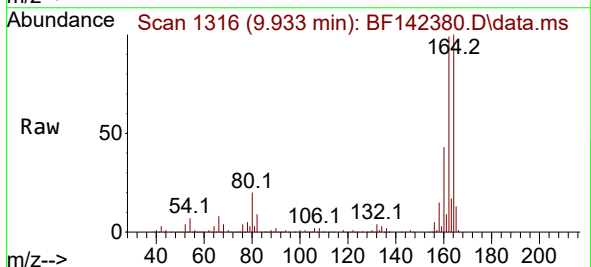
Instrument :
BNA_F
ClientSampleId :
MH-I

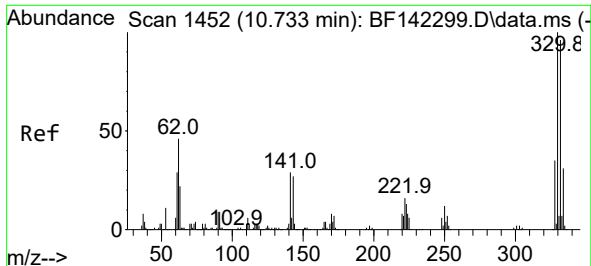
Tgt Ion: 82 Resp: 677189
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:164 Resp: 470712
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 43.4 35.3 52.9

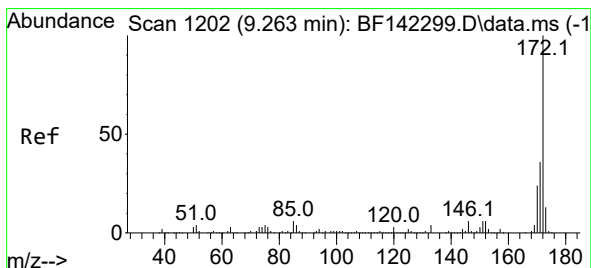
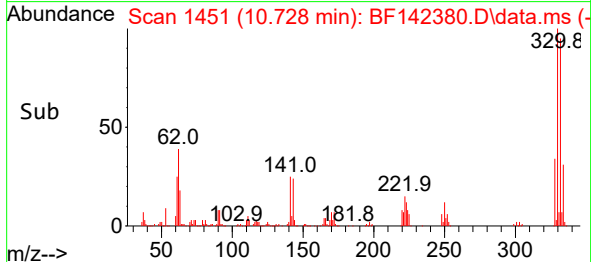
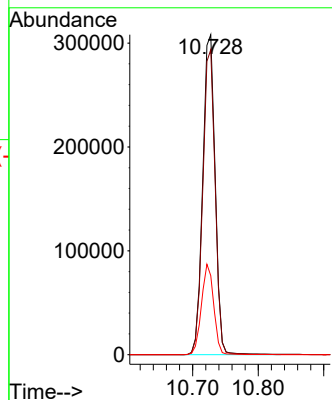
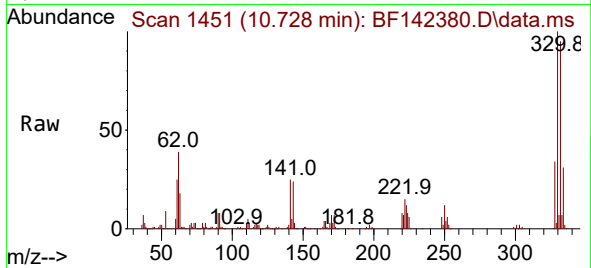




#42
2,4,6-Tribromophenol
Concen: 89.401 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

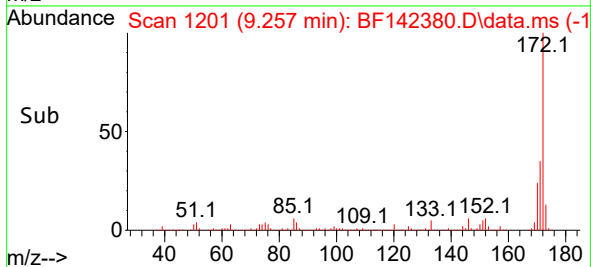
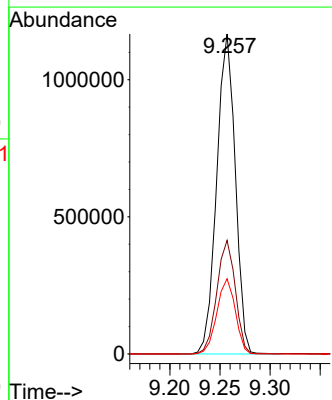
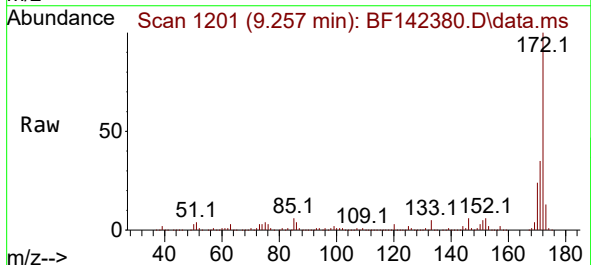
Instrument :
BNA_F
ClientSampleId :
MH-I

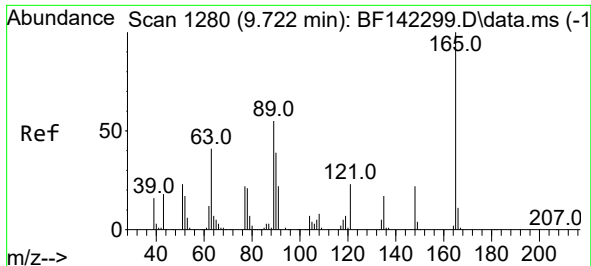
Tgt Ion:330 Resp: 406294
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 28.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 45.453 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:172 Resp: 1500500
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 19.0 28.4

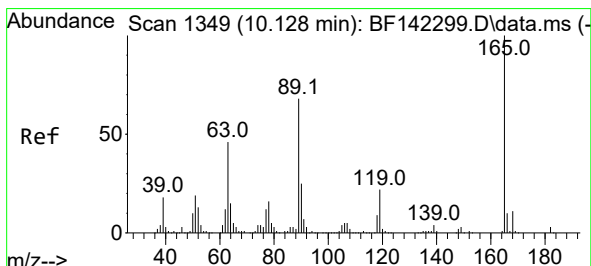
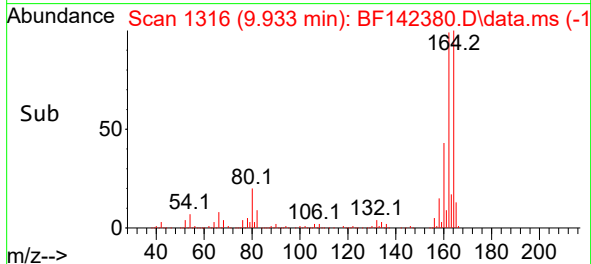
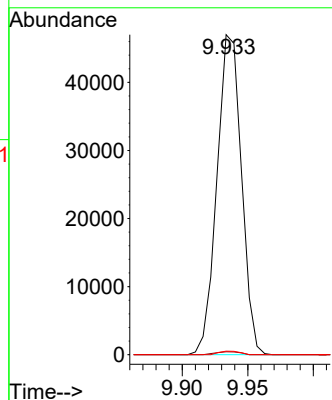
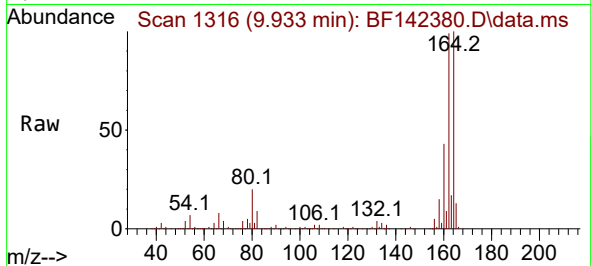




#51
2,6-Dinitrotoluene
Concen: 10.799 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

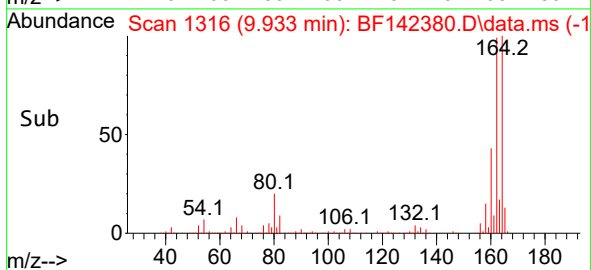
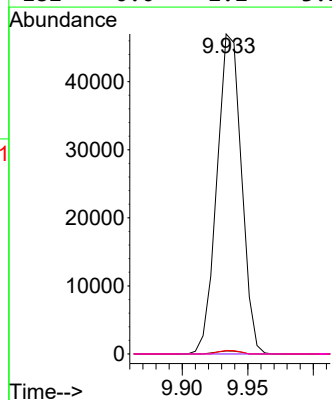
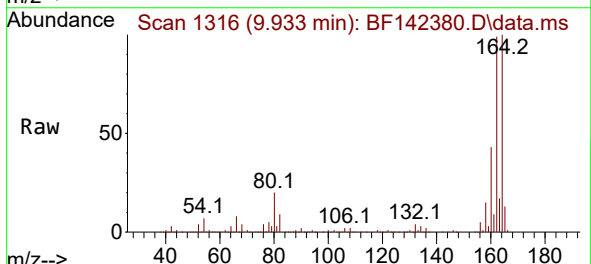
Instrument :
BNA_F
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MH-I

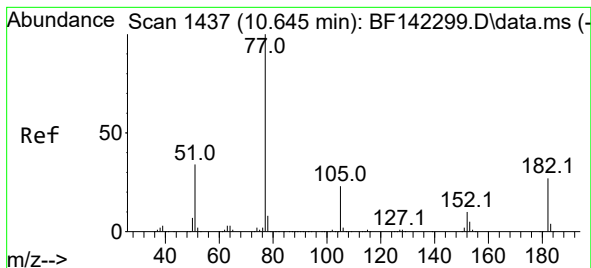
Tgt Ion:165 Resp: 61098
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.1 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.419 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:165 Resp: 61098
Ion Ratio Lower Upper
165 100
63 0.9 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 3.640 ng

RT: 10.651 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF142380.D

Acq: 14 May 2025 22:03

Instrument :

BNA_F

ClientSampleId :

MH-I

Tgt Ion: 77 Resp: 104984

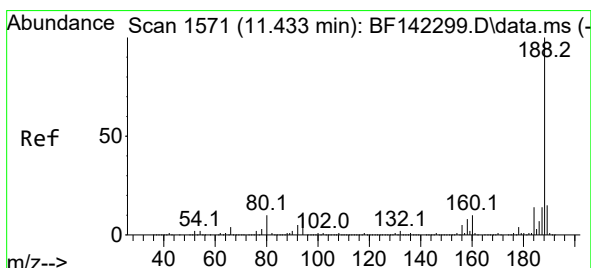
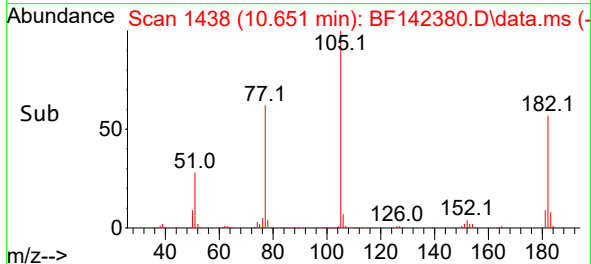
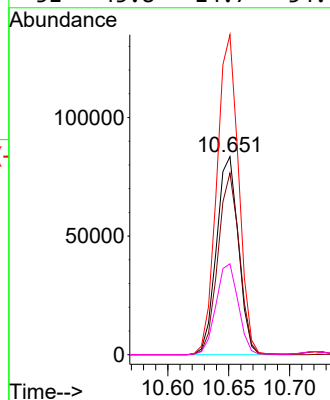
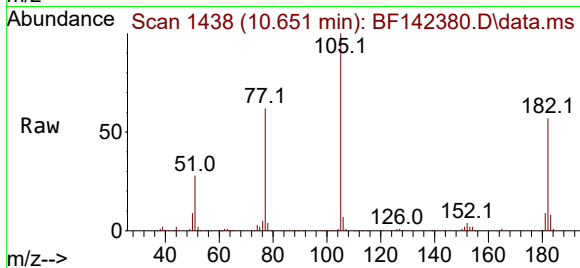
Ion Ratio Lower Upper

77 100

182 91.6 6.9 46.9#

105 161.5 2.7 42.7#

51 45.8 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142380.D

Acq: 14 May 2025 22:03

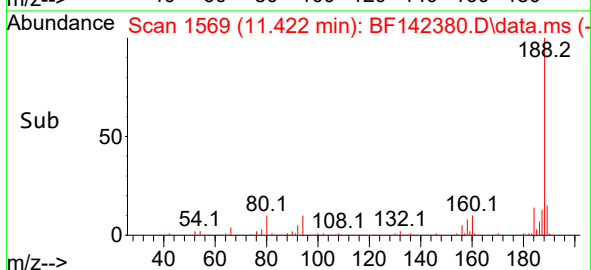
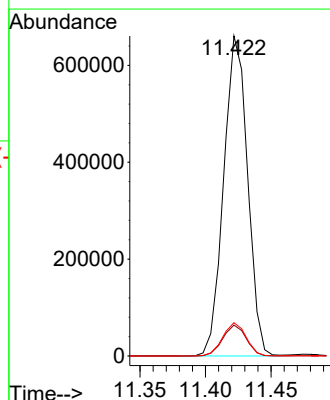
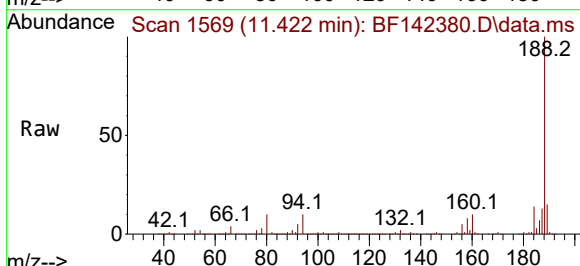
Tgt Ion:188 Resp: 837366

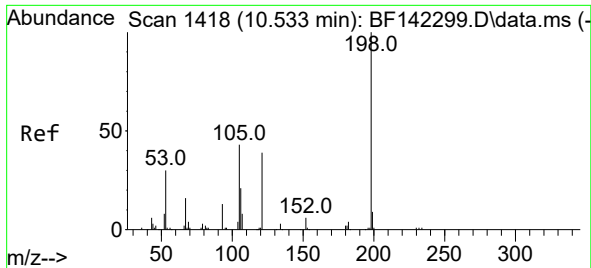
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.4 7.9 11.9

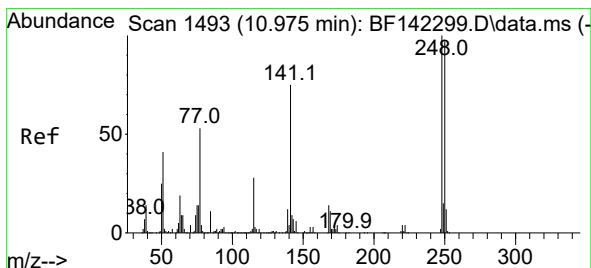
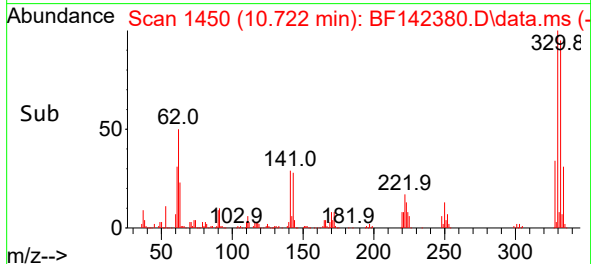
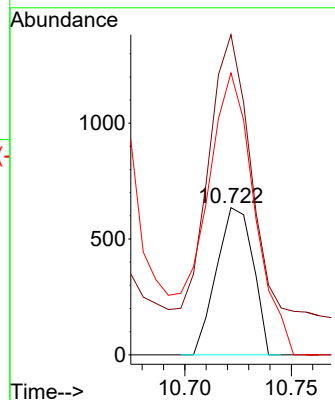
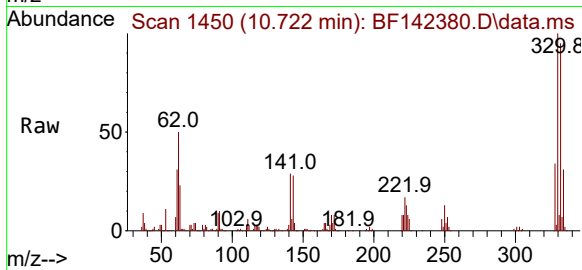




#65
4,6-Dinitro-2-methylphenol
Concen: 7.350 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

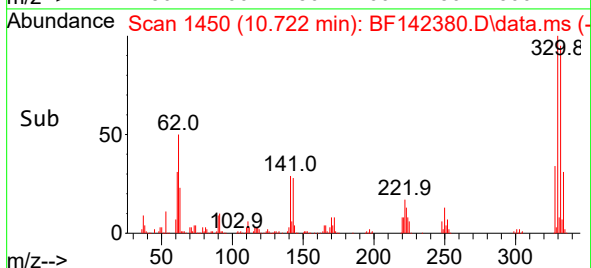
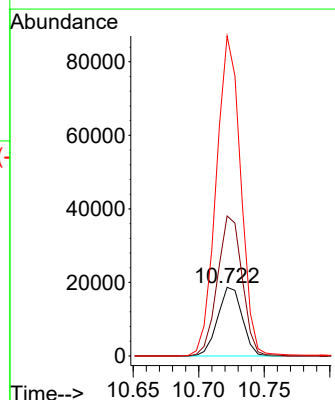
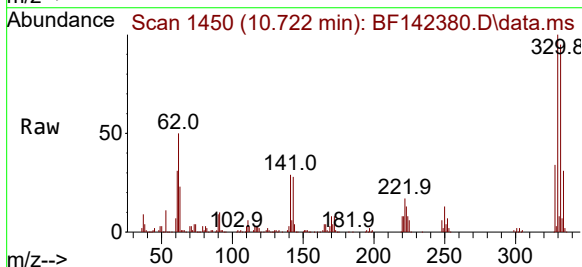
Instrument :
BNA_F
ClientSampleId :
MH-I

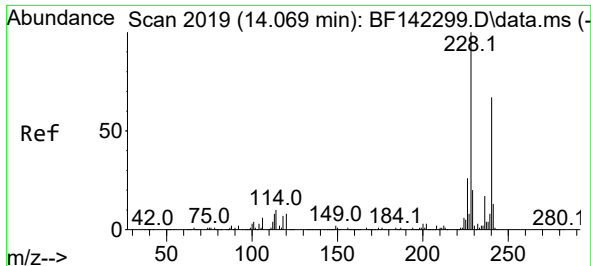
Tgt Ion:198 Resp: 759
Ion Ratio Lower Upper
198 100
51 217.6 32.9 72.9#
105 191.7 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.565 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:248 Resp: 24338
Ion Ratio Lower Upper
248 100
250 204.0 77.9 116.9#
141 466.3 59.8 89.8#

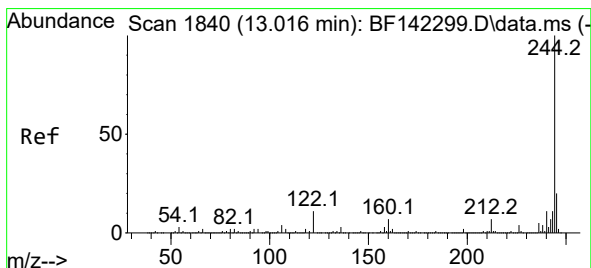
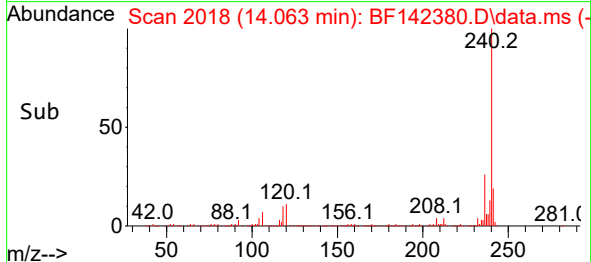
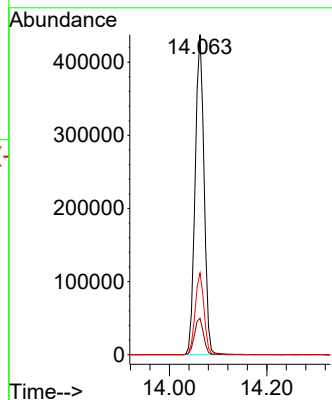
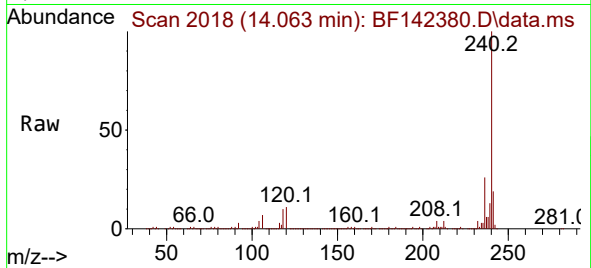




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

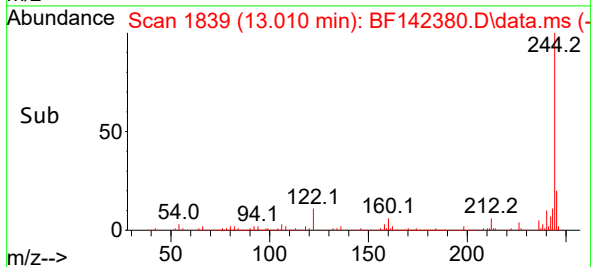
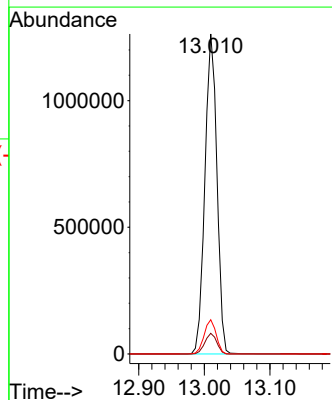
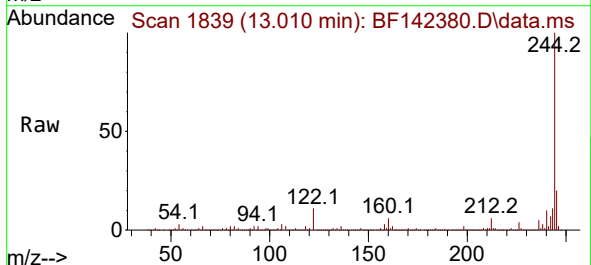
Instrument :
BNA_F
ClientSampleId :
MH-I

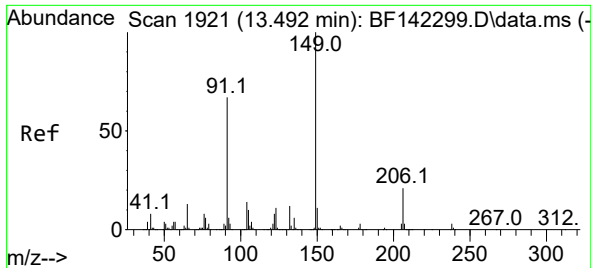
Tgt Ion:240 Resp: 560731
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.5 20.0 30.0



#79
Terphenyl-d14
Concen: 42.538 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:244 Resp: 1611522
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 10.7 9.0 13.4

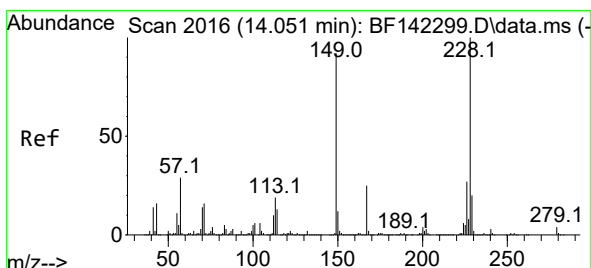
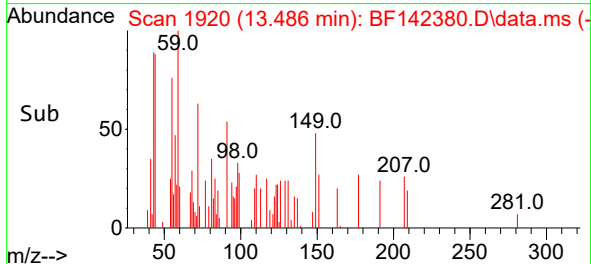
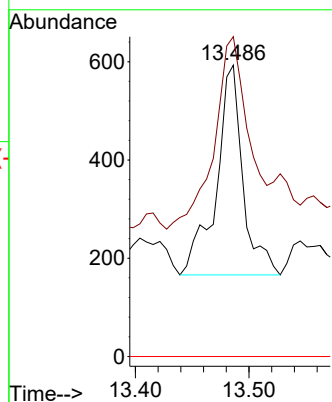
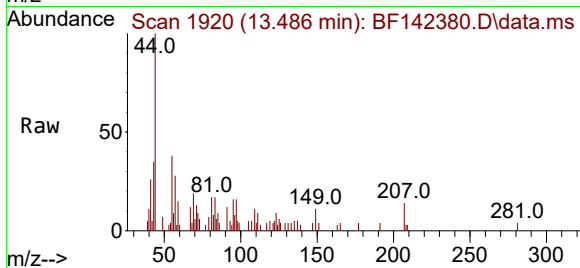




#80
 Butylbenzylphthalate
 Concen: 3.703 ng
 RT: 13.486 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF142380.D
 Acq: 14 May 2025 22:03

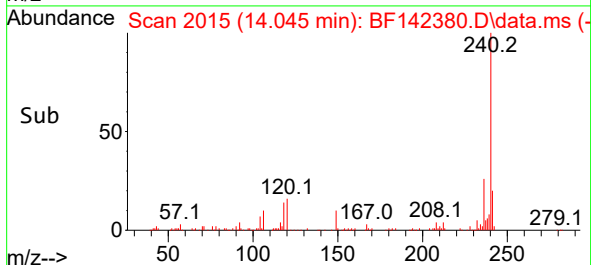
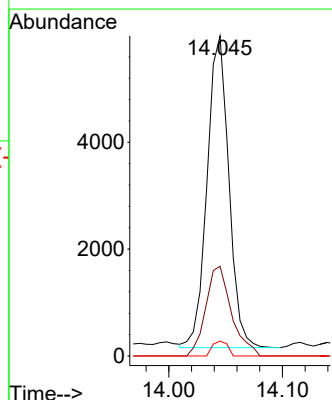
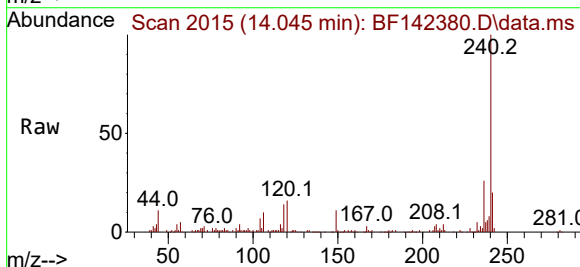
Instrument :
 BNA_F
 ClientSampleId :
 MH-I

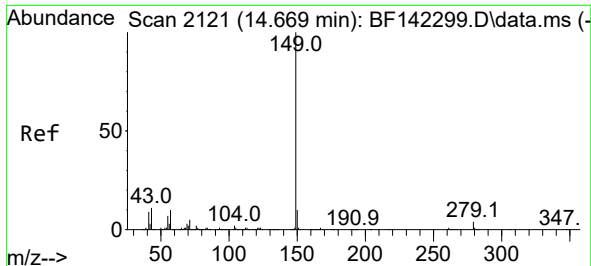
Tgt Ion:149	Resp:	698
Ion Ratio	Lower	Upper
149	100	
91	109.8	53.8 80.6#
206	0.0	16.6 24.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.610 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142380.D
 Acq: 14 May 2025 22:03

Tgt Ion:149	Resp:	7770
Ion Ratio	Lower	Upper
149	100	
167	28.1	22.0 33.0
279	4.6	3.0 4.6#

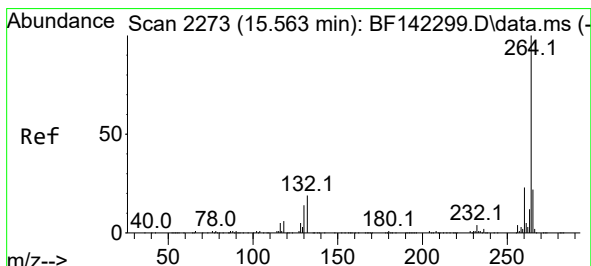
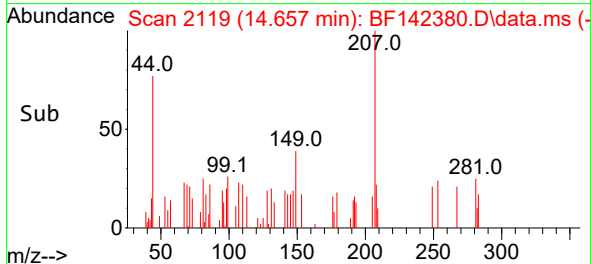
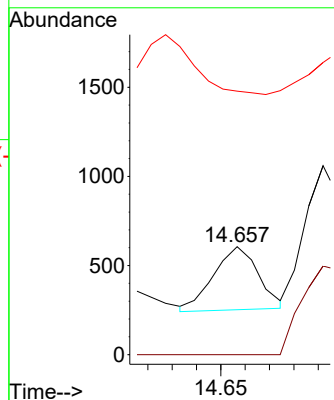
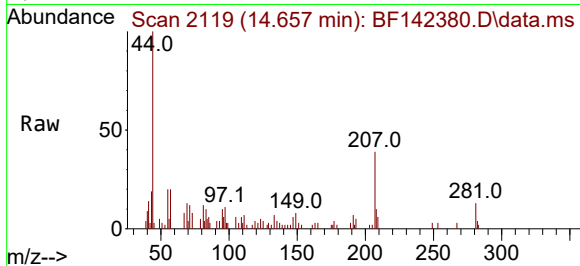




#85
Di-n-octyl phthalate
Concen: 7.851 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Instrument :
BNA_F
ClientSampleId :
MH-I

Tgt Ion:149 Resp: 454
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142380.D
Acq: 14 May 2025 22:03

Tgt Ion:264 Resp: 473950
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 22.2 17.5 26.3

