

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143841.D
 Acq On : 30 Sep 2025 19:04
 Operator : RC/JU
 Sample : Q3231-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 01 02:33:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

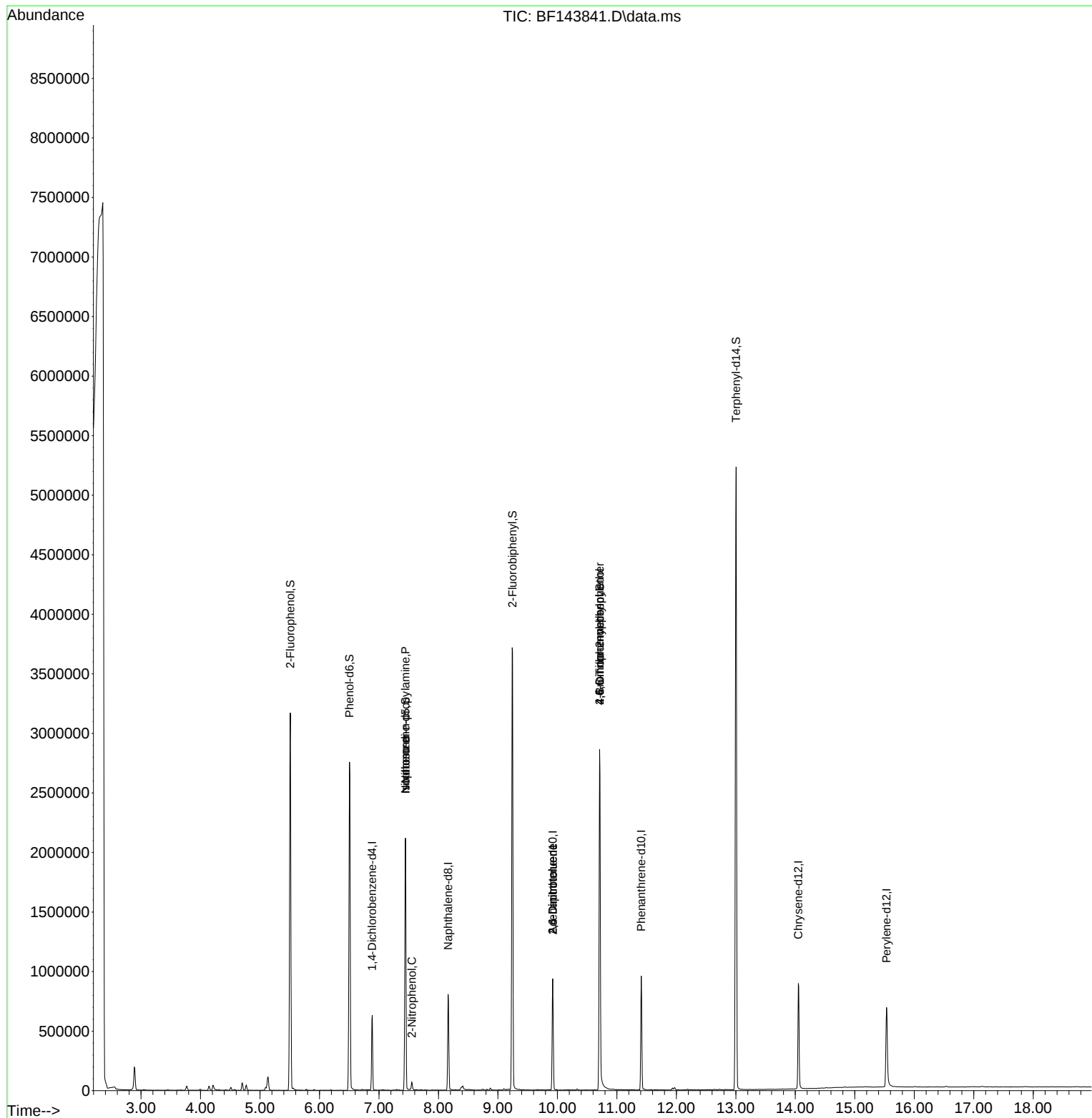
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	130314	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	503073	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	281852	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	500421	20.000	ng	0.00
76) Chrysene-d12	14.051	240	536114	20.000	ng	-0.01
86) Perylene-d12	15.533	264	546872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1186676	147.950	ng	0.01
7) Phenol-d6	6.504	99	1391811	150.182	ng	0.00
23) Nitrobenzene-d5	7.445	82	905025	110.119	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	715876	171.538	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1853757	102.635	ng	0.00
79) Terphenyl-d14	13.004	244	3151717	119.560	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	128313	21.531	ng	# 67
25) Isophorone	7.445	82	896489	55.977	ng	# 66
26) 2-Nitrophenol	7.551	139	427	2.821	ng	# 25
51) 2,6-Dinitrotoluene	9.922	165	36291	12.858	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	36291	11.055	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1019	4.791	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	50809	5.958	ng	# 1

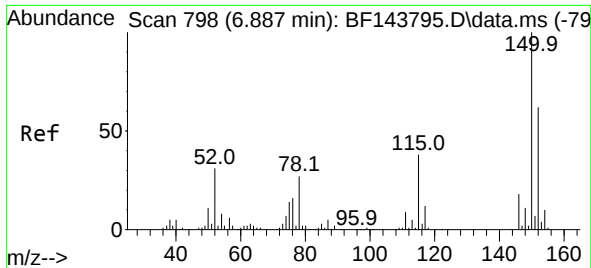
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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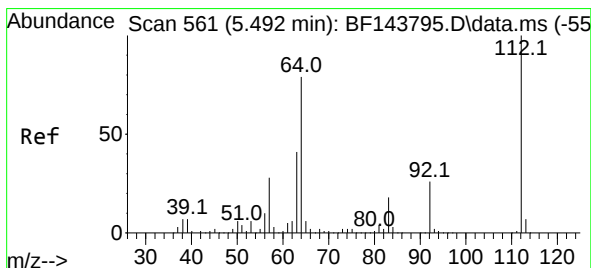
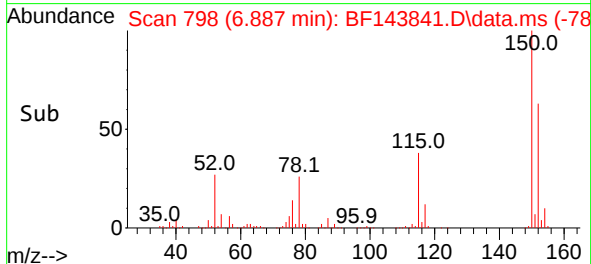
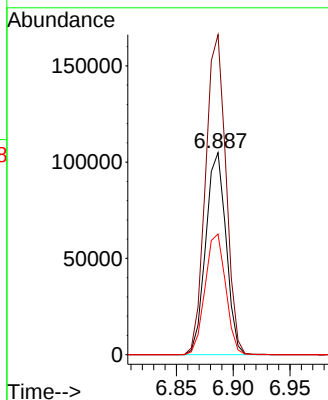
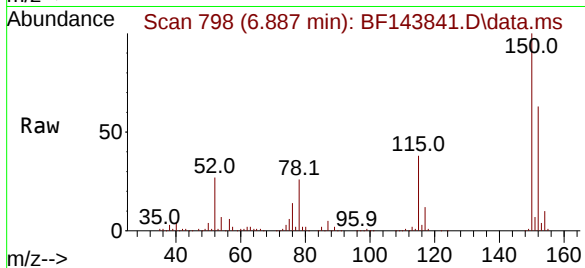




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

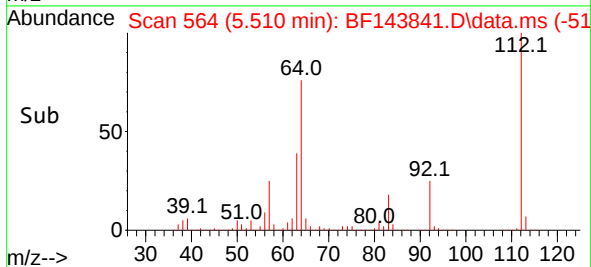
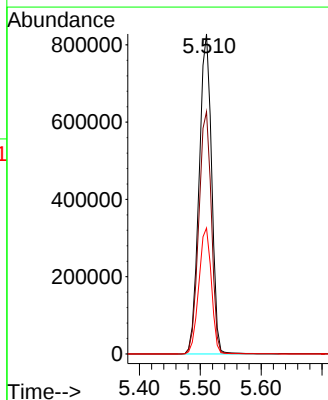
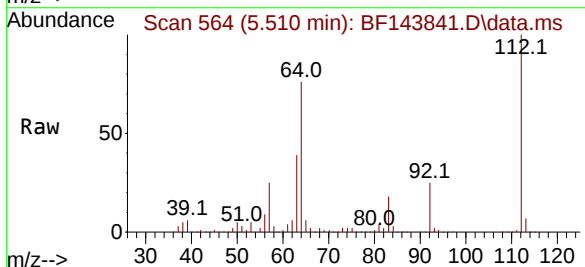
Instrument :
BNA_F
ClientSampleId :
WC-1

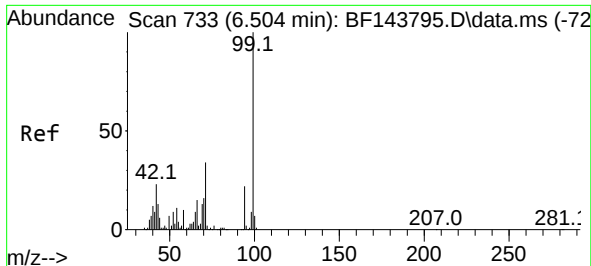
Tgt Ion:152 Resp: 130314
Ion Ratio Lower Upper
152 100
150 158.3 129.6 194.4
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 147.950 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:112 Resp: 1186676
Ion Ratio Lower Upper
112 100
64 75.7 63.0 94.4
63 39.4 32.6 49.0

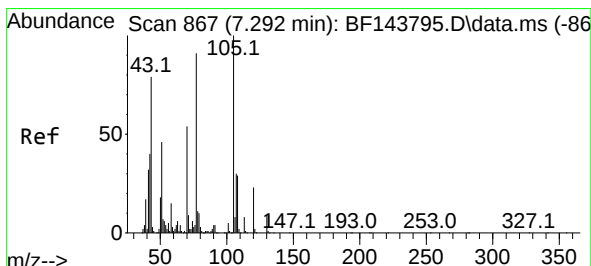
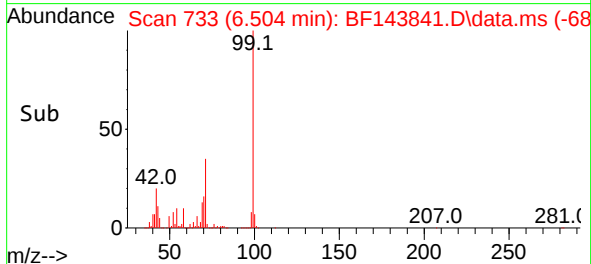
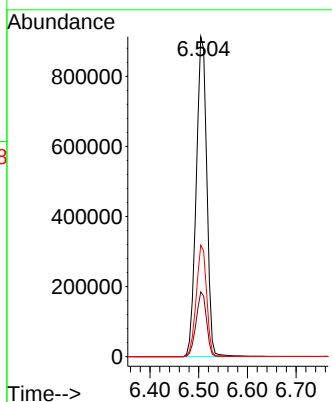
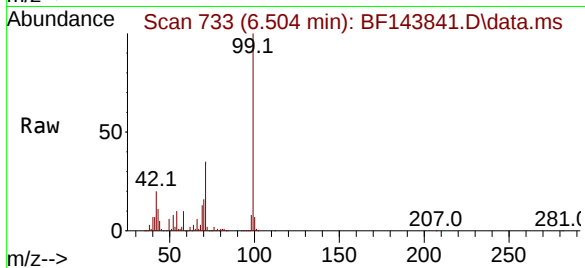




#7
Phenol-d6
Concen: 150.182 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

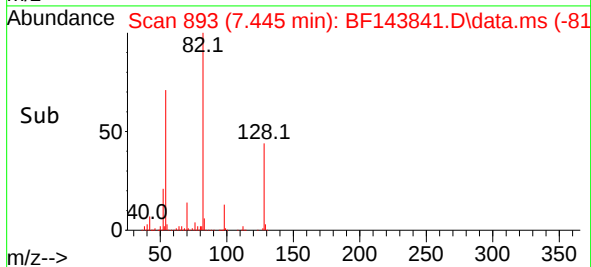
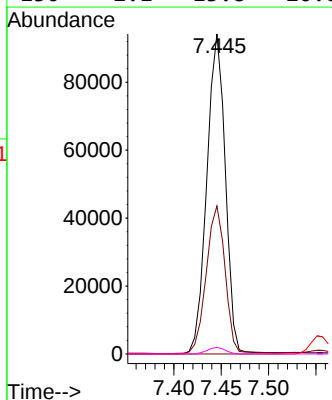
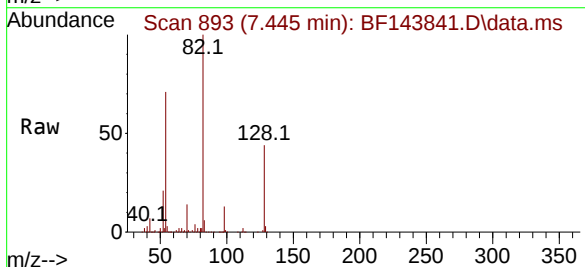
Instrument :
BNA_F
ClientSampleId :
WC-1

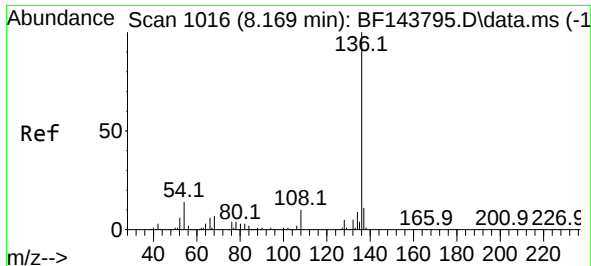
Tgt Ion: 99 Resp: 1391811
Ion Ratio Lower Upper
99 100
42 20.3 18.6 28.0
71 34.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.531 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion: 70 Resp: 128313
Ion Ratio Lower Upper
70 100
42 46.3 59.4 89.0#
101 0.0 7.1 10.7#
130 2.1 13.8 20.8#

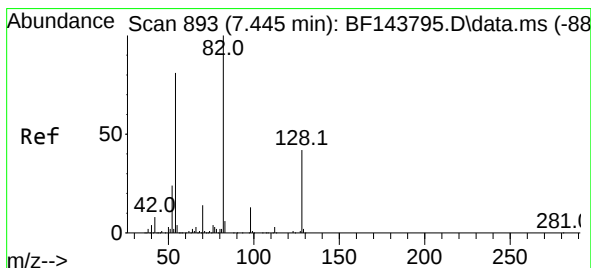
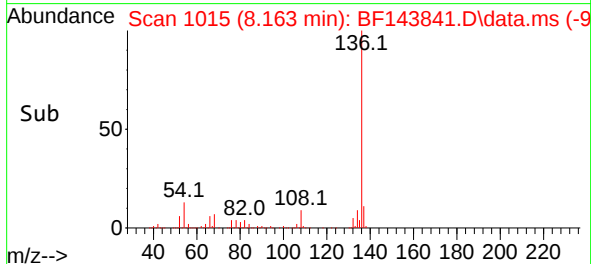
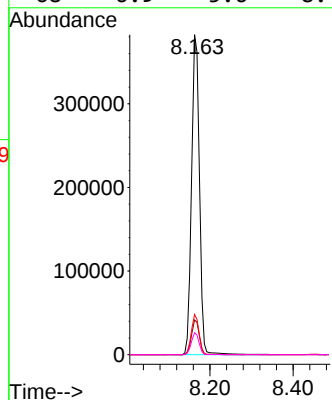
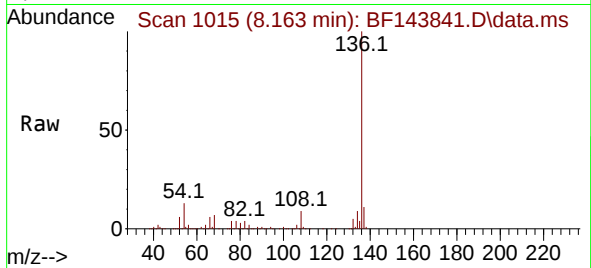




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

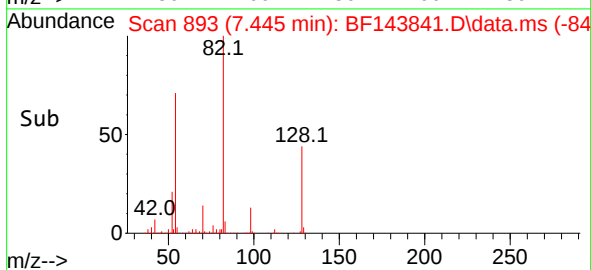
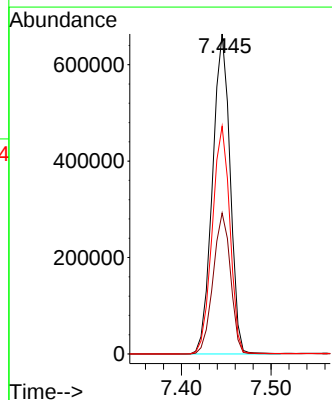
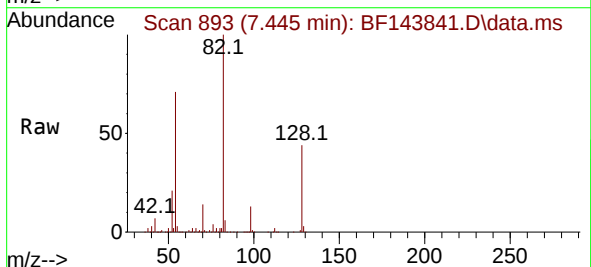
Instrument :
BNA_F
ClientSampleId :
WC-1

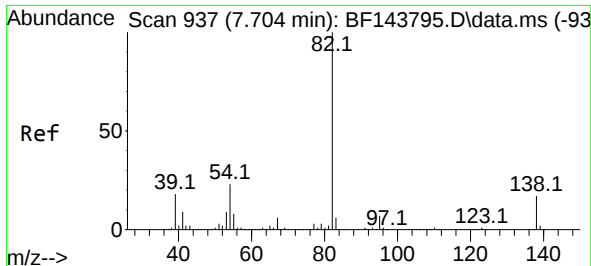
Tgt Ion:	136	Resp:	503073
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	12.6	11.2	16.8
68	6.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 110.119 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:	82	Resp:	905025
Ion Ratio	Lower	Upper	
82	100		
128	44.0	33.3	49.9
54	71.1	64.2	96.4

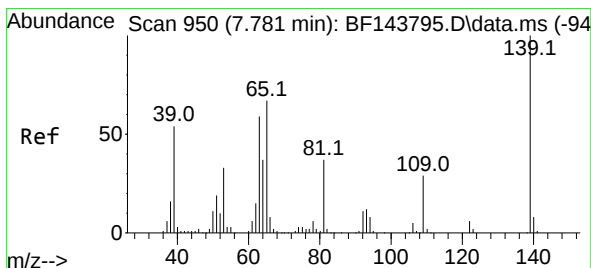
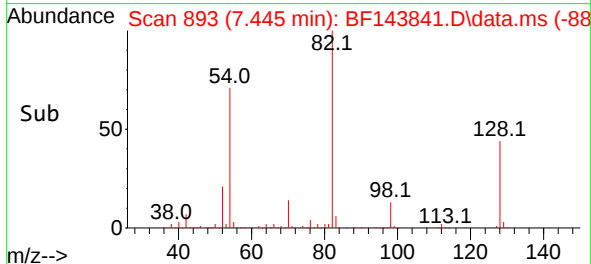
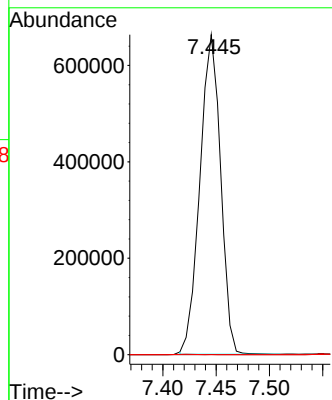
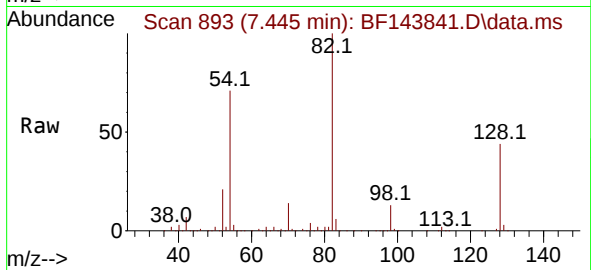




#25
Isophorone
Concen: 55.977 ng
RT: 7.445 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

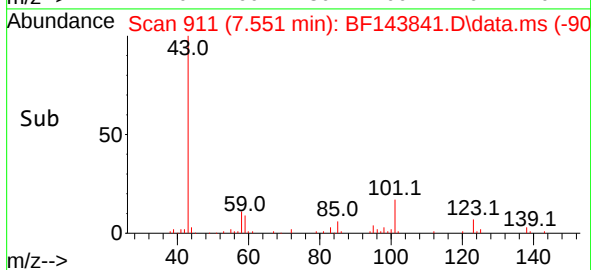
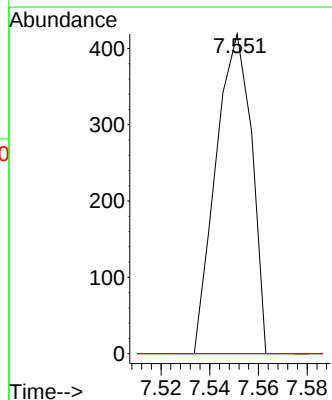
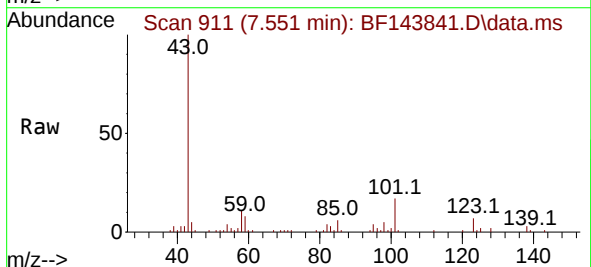
Instrument :
BNA_F
ClientSampleId :
WC-1

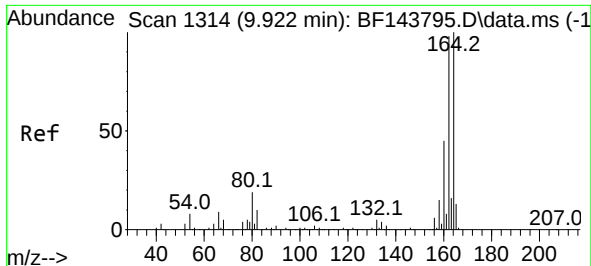
Tgt Ion: 82 Resp: 896489
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#26
2-Nitrophenol
Concen: 2.821 ng
RT: 7.551 min Scan# 911
Delta R.T. -0.235 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:139 Resp: 427
Ion Ratio Lower Upper
139 100
109 0.0 23.3 34.9#
65 0.0 53.8 80.6#

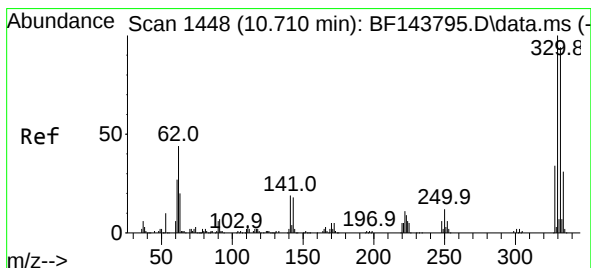
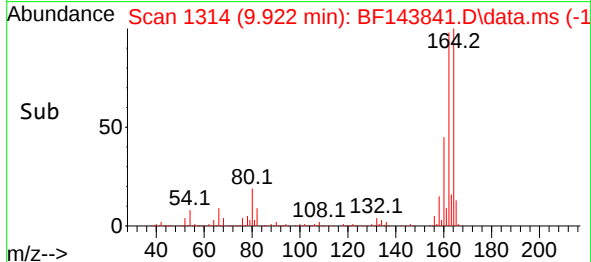
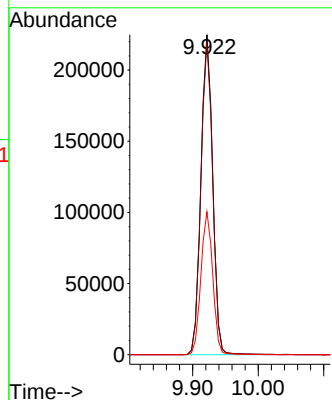
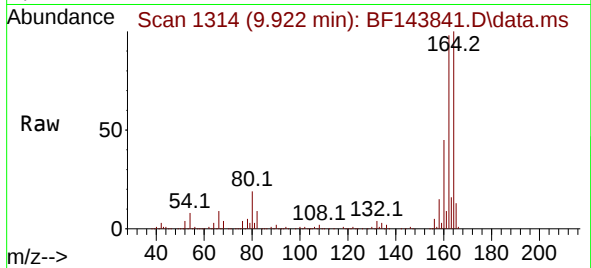




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

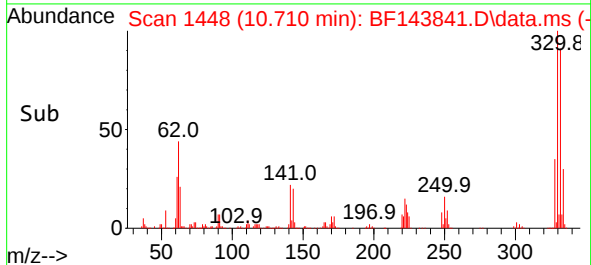
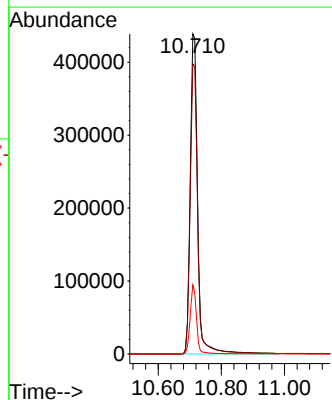
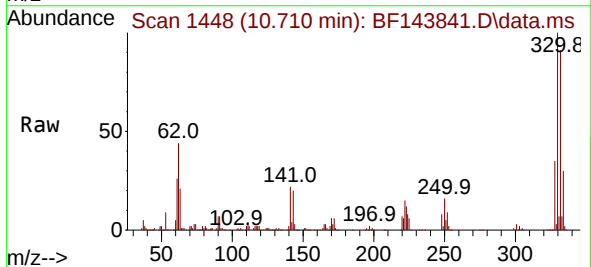
Instrument :
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ClientSampleId :
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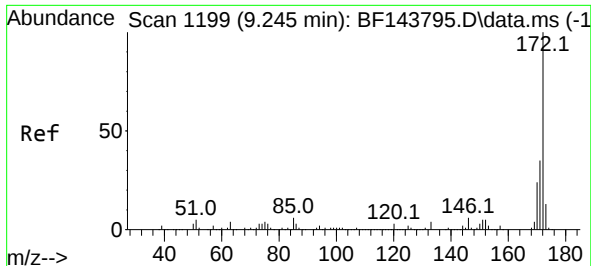
Tgt Ion:164 Resp: 281852
Ion Ratio Lower Upper
164 100
162 97.6 78.8 118.2
160 44.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 171.538 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:330 Resp: 715876
Ion Ratio Lower Upper
330 100
332 91.5 74.7 112.1
141 18.7 14.3 21.5

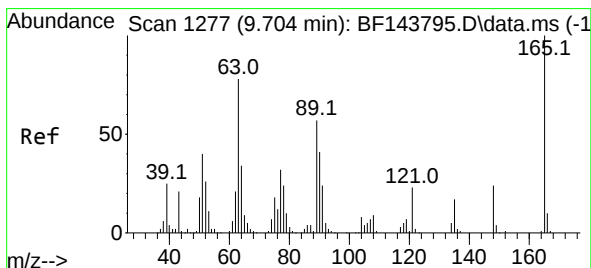
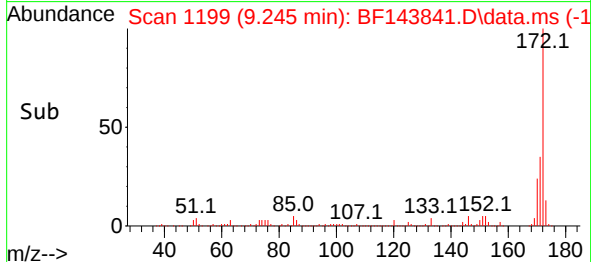
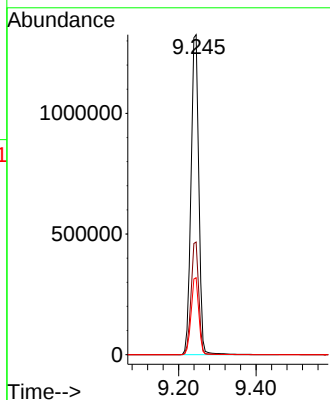
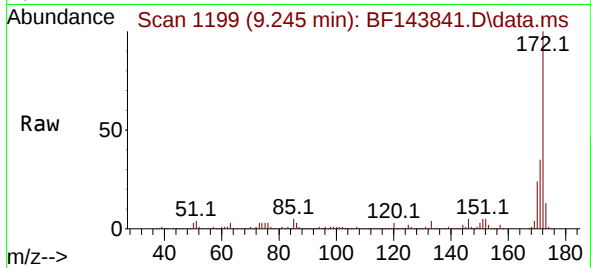




#45
 2-Fluorobiphenyl
 Concen: 102.635 ng
 RT: 9.245 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: BF143841.D
 Acq: 30 Sep 2025 19:04

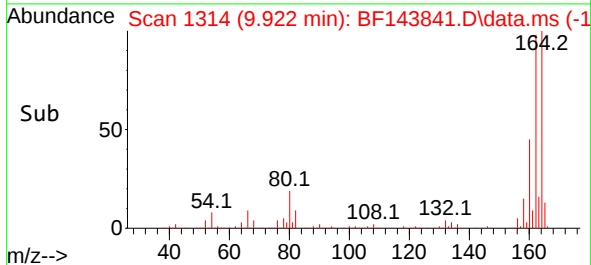
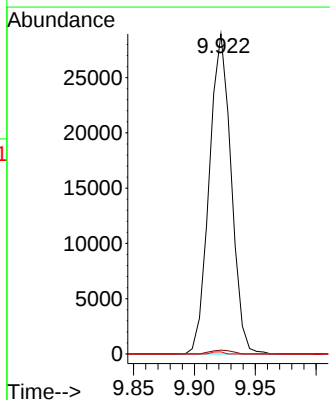
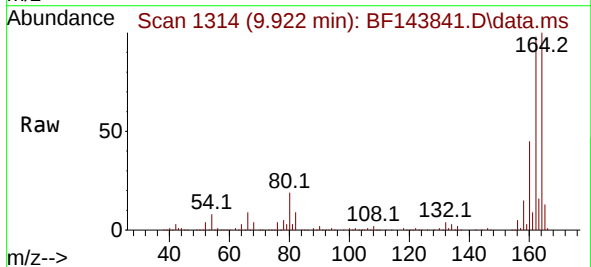
Instrument :
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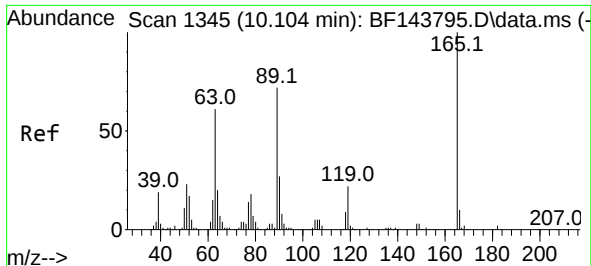
Tgt Ion:172 Resp: 1853757
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.9 41.9
 170 24.0 19.1 28.7



#51
 2,6-Dinitrotoluene
 Concen: 12.858 ng
 RT: 9.922 min Scan# 1314
 Delta R.T. 0.218 min
 Lab File: BF143841.D
 Acq: 30 Sep 2025 19:04

Tgt Ion:165 Resp: 36291
 Ion Ratio Lower Upper
 165 100
 63 1.2 62.6 94.0#
 89 0.7 45.2 67.8#

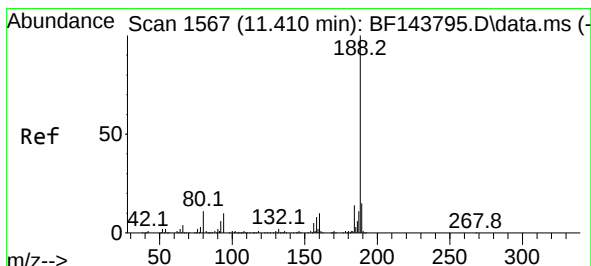
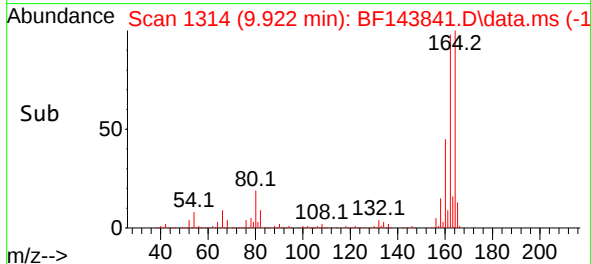
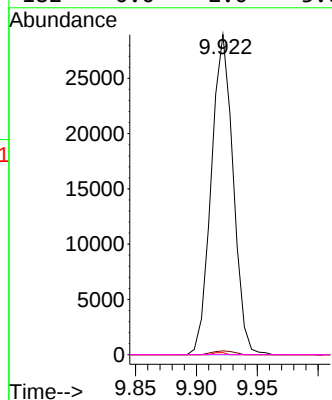
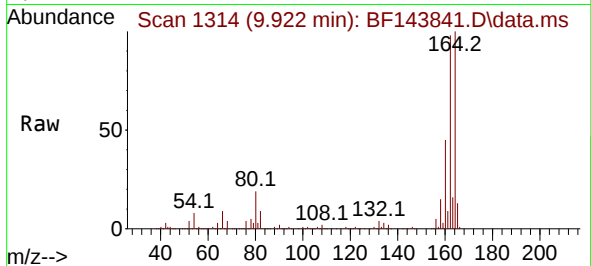




#57
2,4-Dinitrotoluene
Concen: 11.055 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

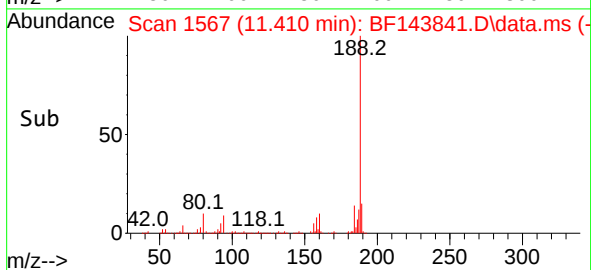
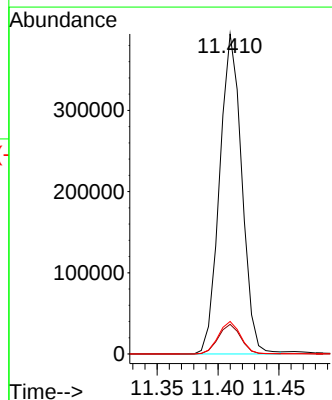
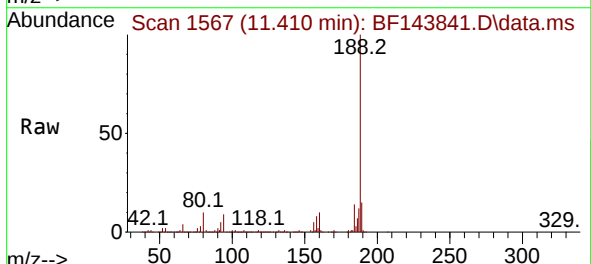
Instrument :
BNA_F
ClientSampleId :
WC-1

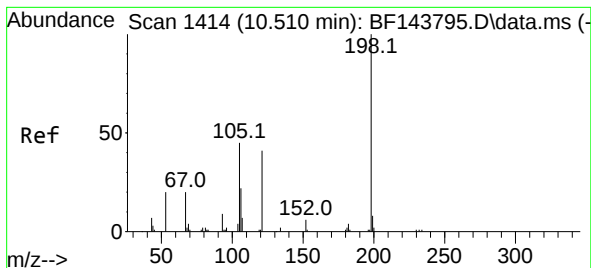
Tgt Ion:165 Resp: 36291
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 0.7 57.5 86.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:188 Resp: 500421
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.2 8.6 12.8

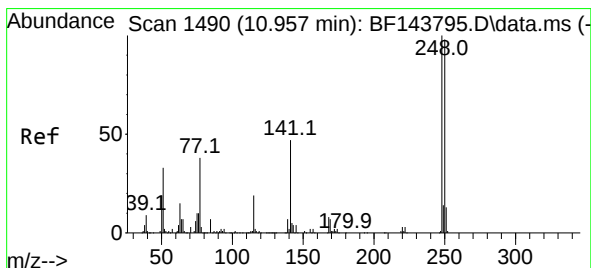
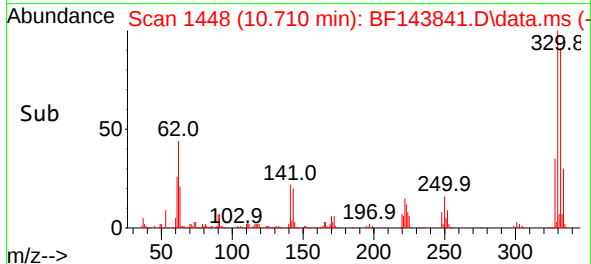
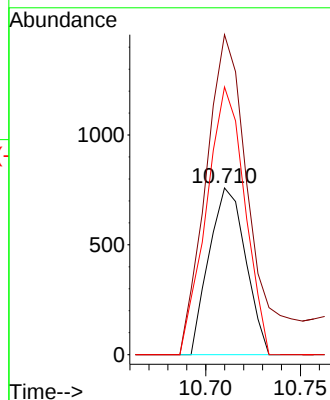
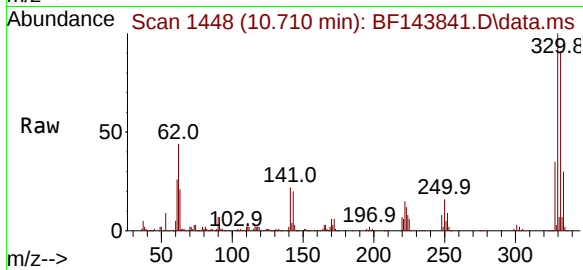




#65
4,6-Dinitro-2-methylphenol
Concen: 4.791 ng
RT: 10.710 min Scan# 1414
Delta R.T. 0.194 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

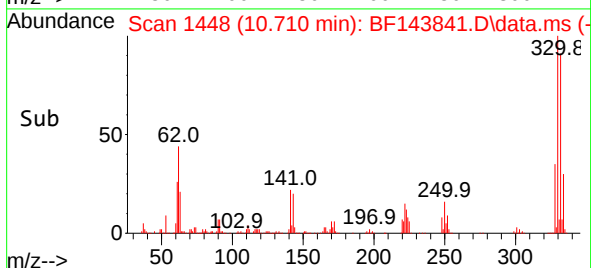
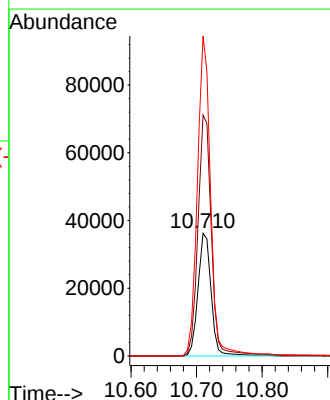
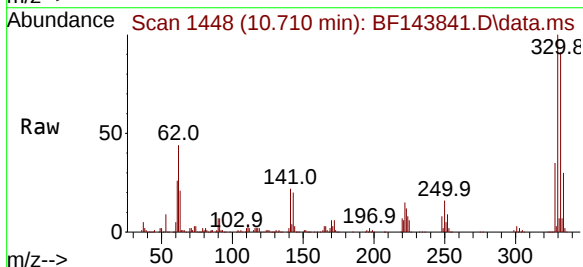
Instrument :
BNA_F
ClientSampleId :
WC-1

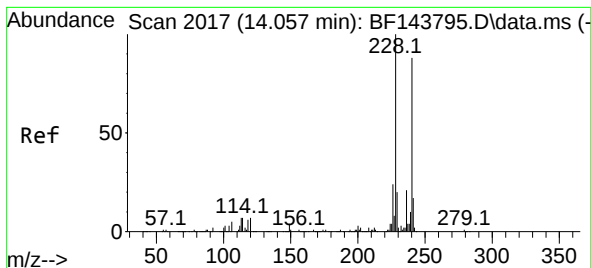
Tgt Ion:198 Resp: 1019
Ion Ratio Lower Upper
198 100
51 192.0 52.0 92.0#
105 160.6 27.5 67.5#



#67
4-Bromophenyl-phenylether
Concen: 5.958 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:248 Resp: 50809
Ion Ratio Lower Upper
248 100
250 196.5 78.7 118.1#
141 260.9 37.9 56.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

Instrument :

BNA_F

ClientSampleId :

WC-1

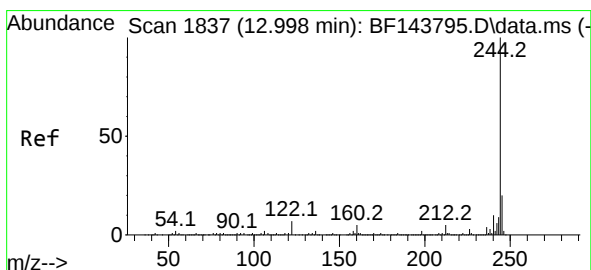
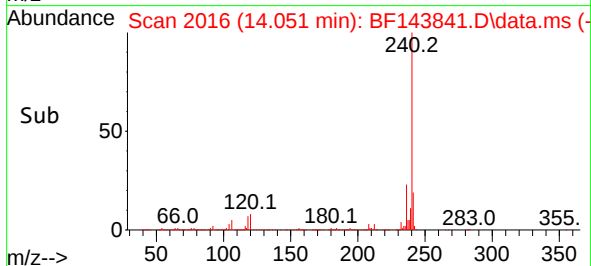
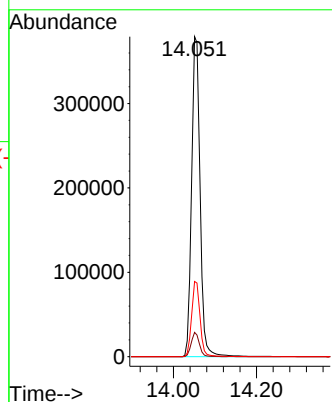
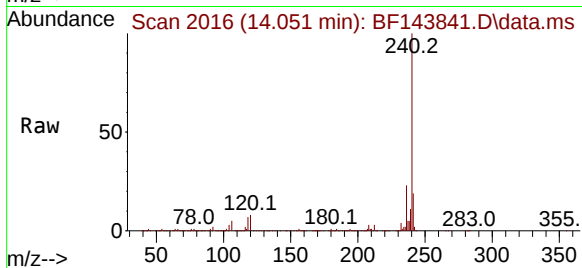
Tgt Ion:240 Resp: 536114

Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.4

236 23.5 19.4 29.2



#79

Terphenyl-d14

Concen: 119.560 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

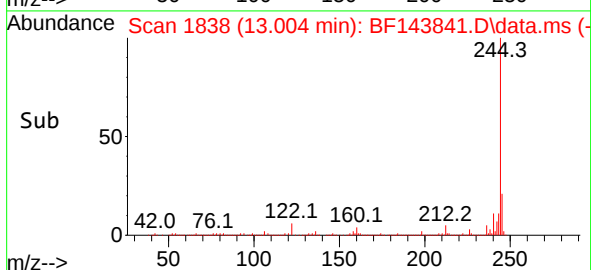
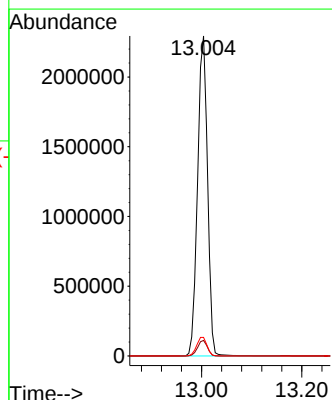
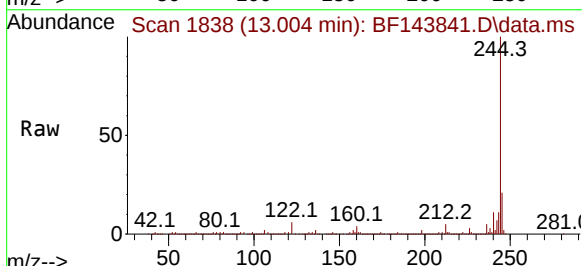
Tgt Ion:244 Resp: 3151717

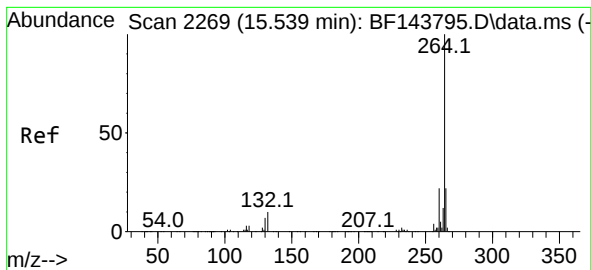
Ion Ratio Lower Upper

244 100

212 4.9 3.9 5.9

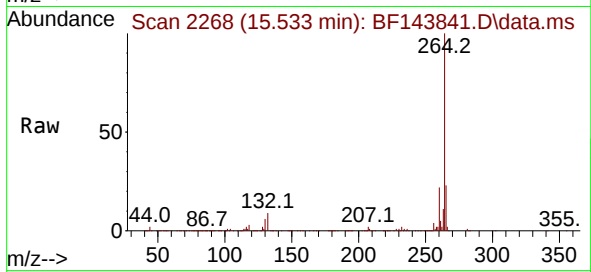
122 5.8 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143841.D
 Acq: 30 Sep 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:264 Resp: 546872
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.9 26.9
 265 22.5 17.7 26.5

