

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143823.D
 Acq On : 29 Sep 2025 15:45
 Operator : RC/JU
 Sample : Q3230-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1

Quant Time: Sep 29 16:05:53 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)

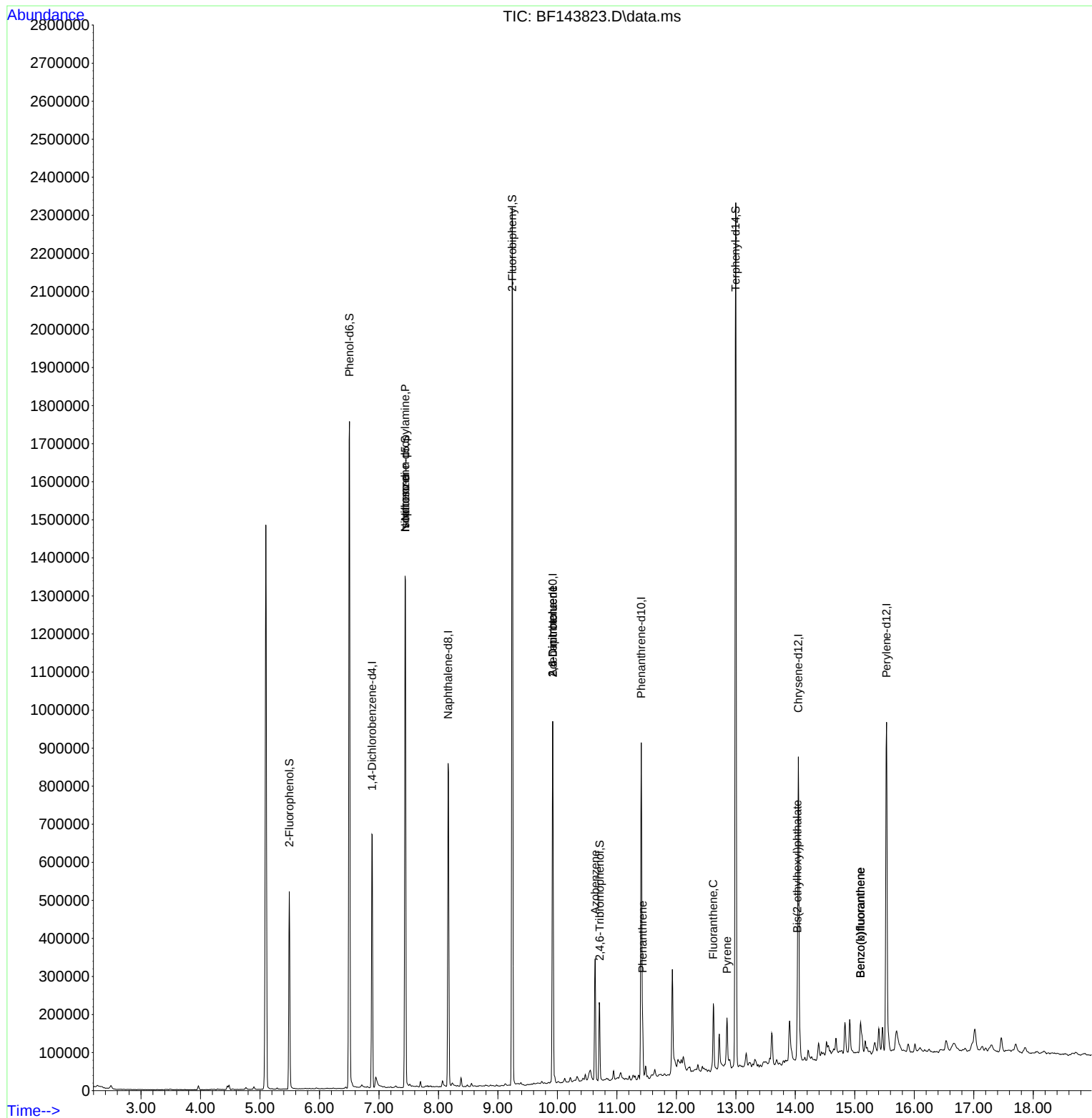
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136798	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	519535	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	275906	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	441632	20.000	ng	0.00
76) Chrysene-d12	14.051	240	403640	20.000	ng	-0.01
86) Perylene-d12	15.533	264	596167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	175874	20.888	ng	0.00
7) Phenol-d6	6.504	99	802535	82.492	ng	0.00
23) Nitrobenzene-d5	7.440	82	553985	65.270	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	44738	10.951	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1038014	58.709	ng	0.00
79) Terphenyl-d14	12.998	244	1264953	63.735	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	78672	12.575	ng	# 72
25) Isophorone	7.440	82	548700	33.175	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	34273	12.405	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	34273	10.769	ng	# 19
63) Azobenzene	10.633	77	78202	4.714	ng	# 1
71) Phenanthrene	11.433	178	76642	3.380	ng	98
75) Fluoranthene	12.622	202	92057	4.037	ng	99
78) Pyrene	12.851	202	74929	3.776	ng	96
84) Bis(2-ethylhexyl)phtha...	14.033	149	42602	4.233	ng	99
88) Benzo(b)fluoranthene	15.098	252	84747	2.791	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	84747	2.778	ng	# 96

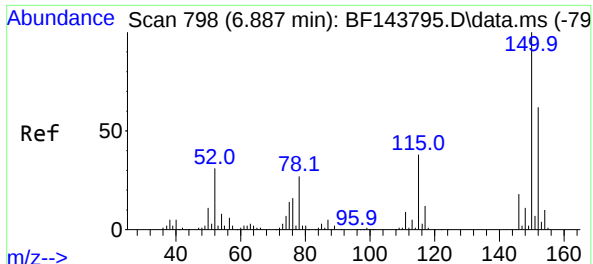
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
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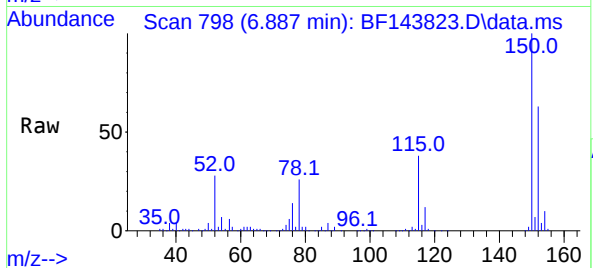
Quant Time: Sep 29 16:05:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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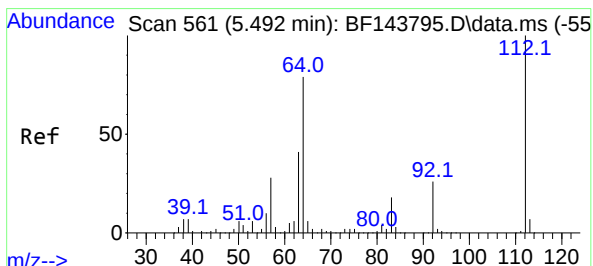
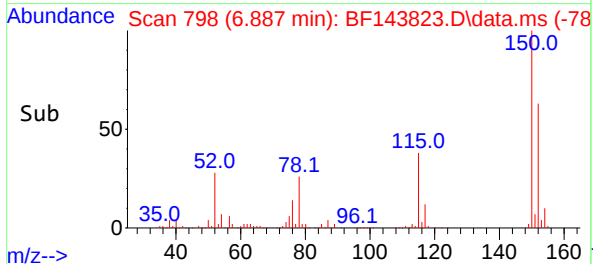
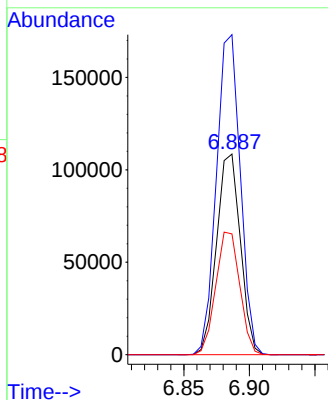


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

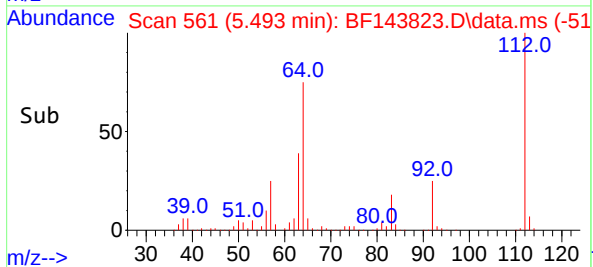
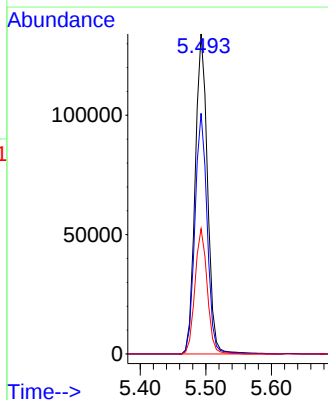
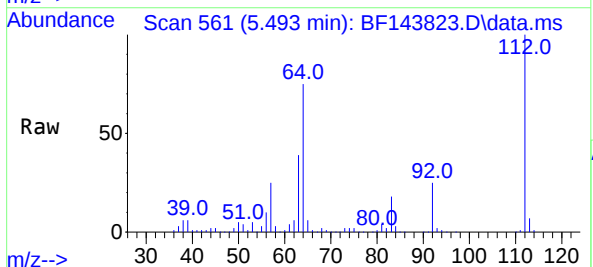


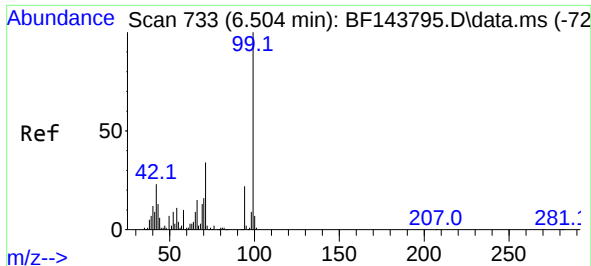
Tgt Ion:152 Resp: 136798
Ion Ratio Lower Upper
152 100
150 159.4 129.6 194.4
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 20.888 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion:112 Resp: 175874
Ion Ratio Lower Upper
112 100
64 75.2 63.0 94.4
63 39.1 32.6 49.0

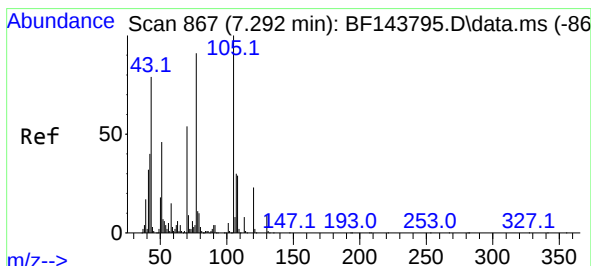
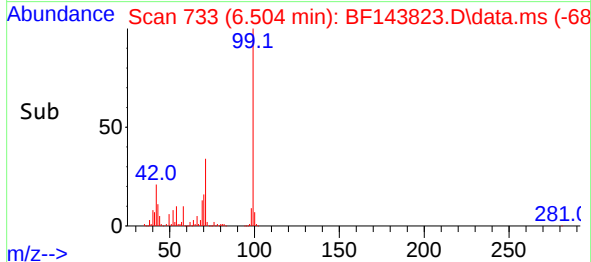
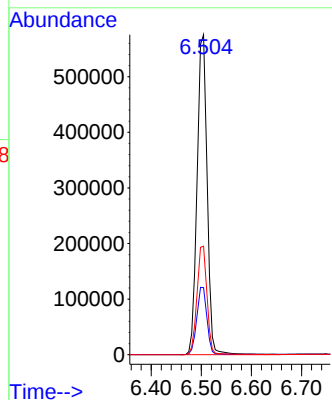
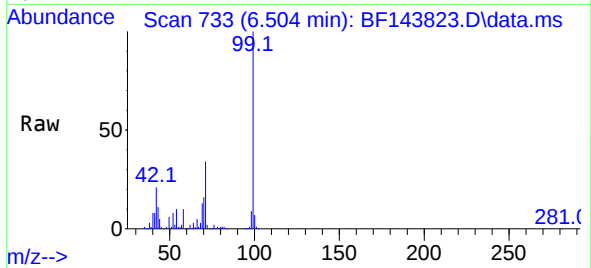




#7
Phenol-d6
Concen: 82.492 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

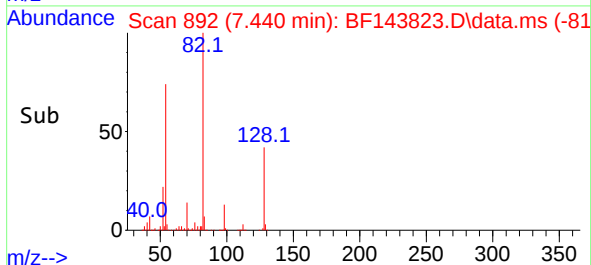
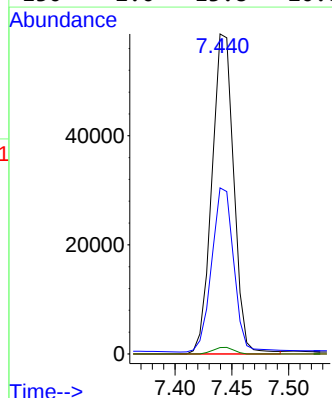
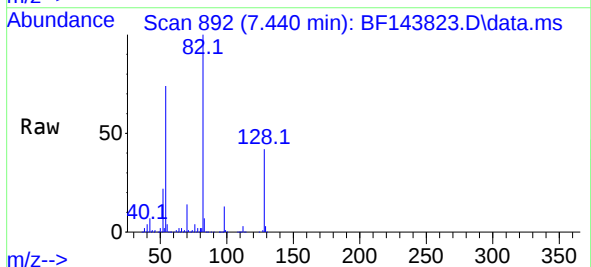
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

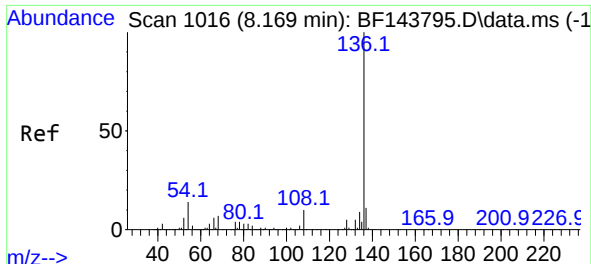
Tgt Ion: 99 Resp: 802535
Ion Ratio Lower Upper
99 100
42 20.9 18.6 28.0
71 33.9 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.575 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion: 70 Resp: 78672
Ion Ratio Lower Upper
70 100
42 51.9 59.4 89.0#
101 0.0 7.1 10.7#
130 2.0 13.8 20.8#



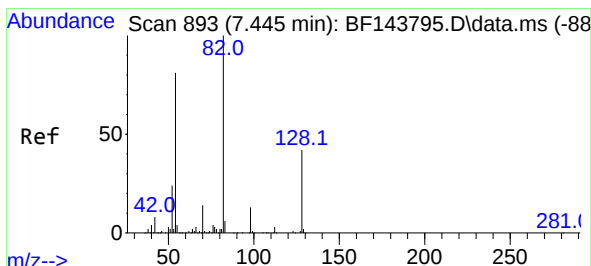
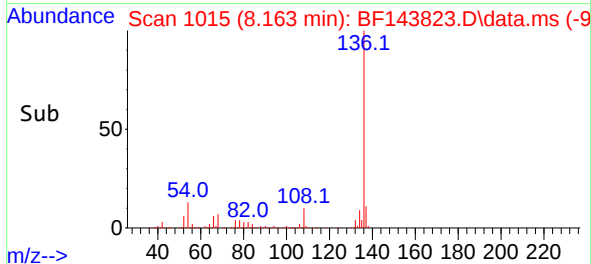
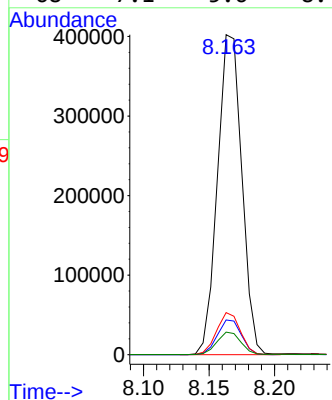
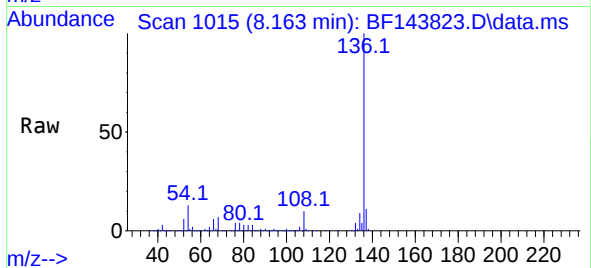


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

Tgt Ion:136 Resp: 519535

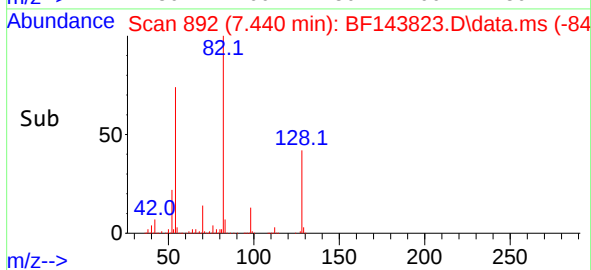
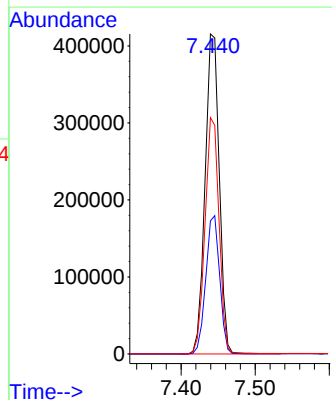
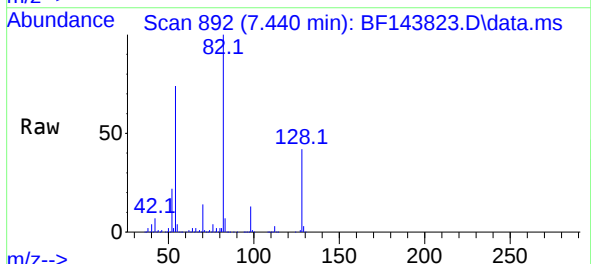
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.2	11.2	16.8
68	7.1	5.6	8.4

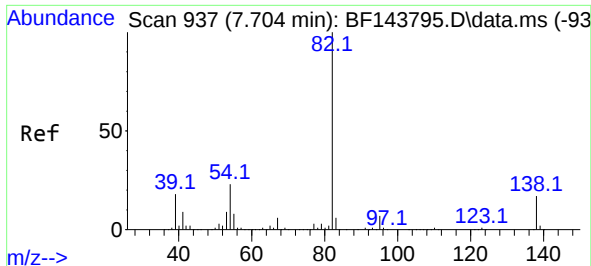


#23
Nitrobenzene-d5
Concen: 65.270 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.011 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion: 82 Resp: 553985

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	73.9	64.2	96.4

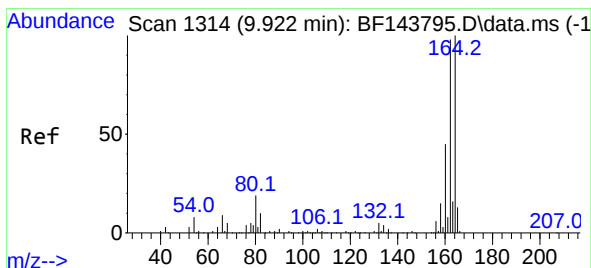
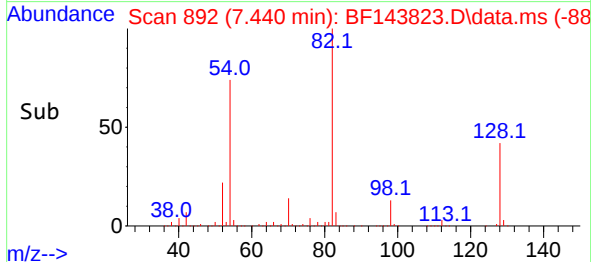
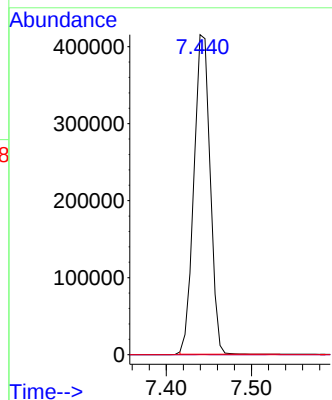
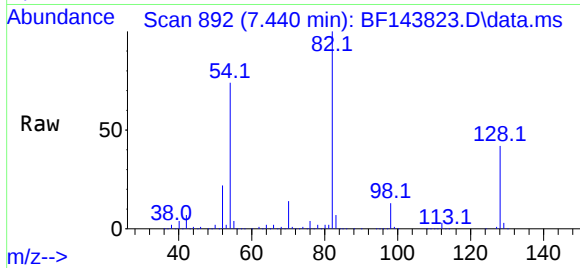




#25
Isophorone
Concen: 33.175 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

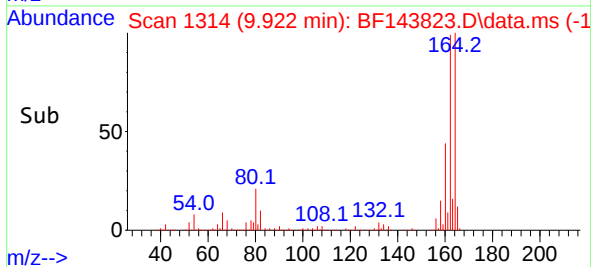
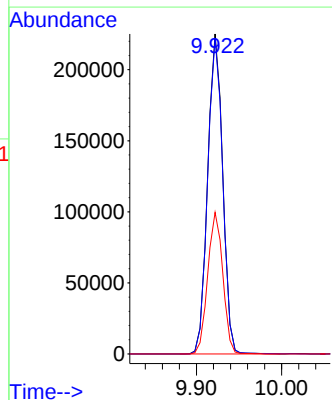
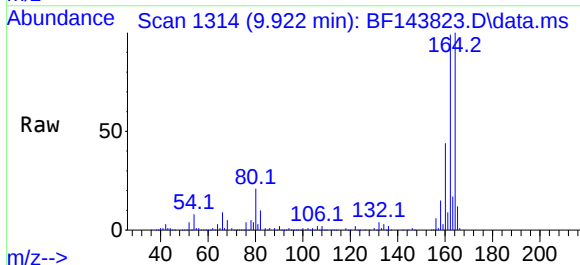
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

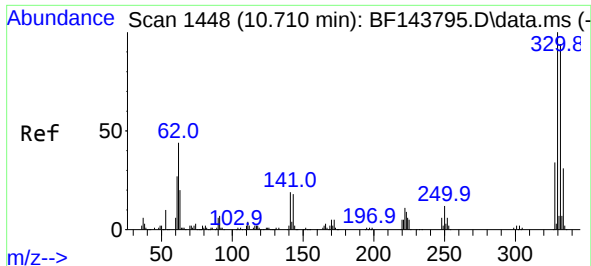
Tgt Ion: 82 Resp: 548700
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion: 164 Resp: 275906
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 10.951 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143823.D

Acq: 29 Sep 2025 15:45

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1

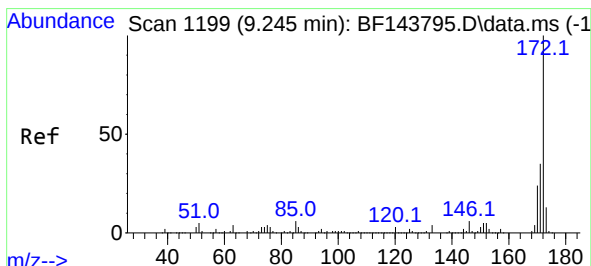
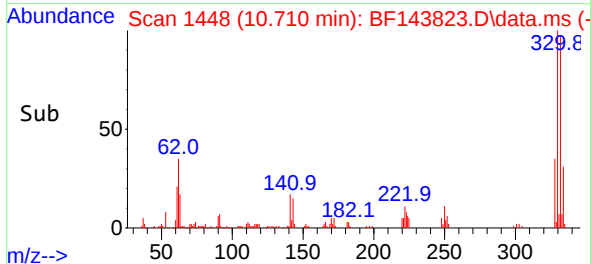
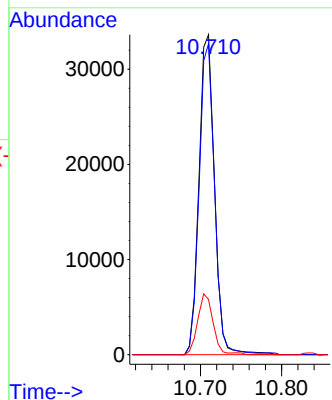
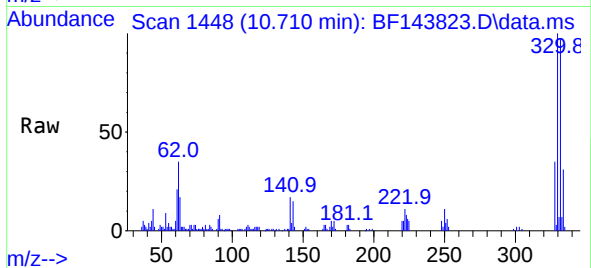
Tgt Ion:330 Resp: 44738

Ion Ratio Lower Upper

330 100

332 96.3 74.7 112.1

141 19.0 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 58.709 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143823.D

Acq: 29 Sep 2025 15:45

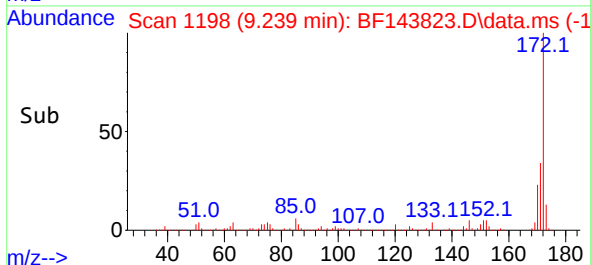
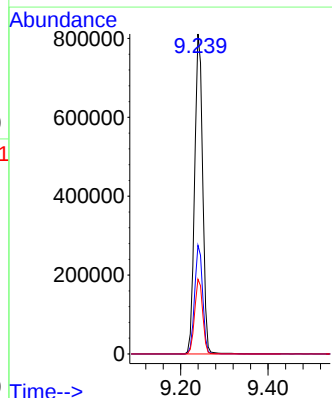
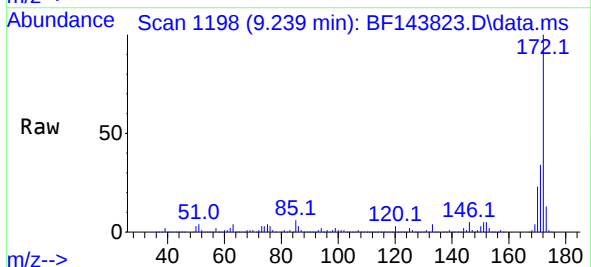
Tgt Ion:172 Resp: 1038014

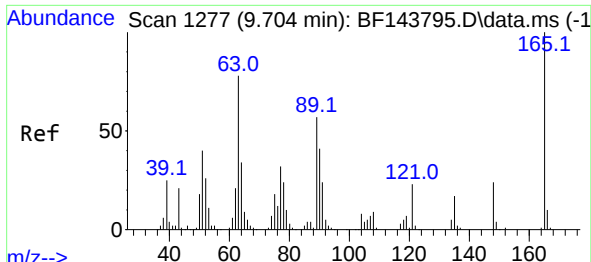
Ion Ratio Lower Upper

172 100

171 34.0 27.9 41.9

170 23.3 19.1 28.7

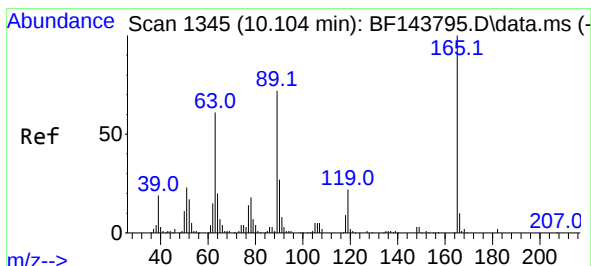
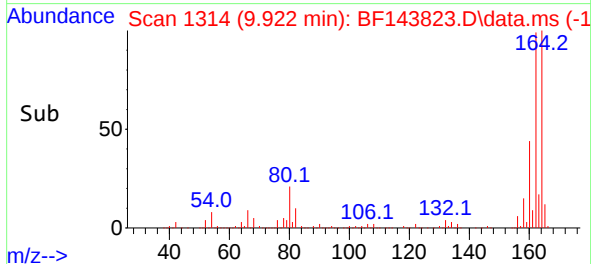
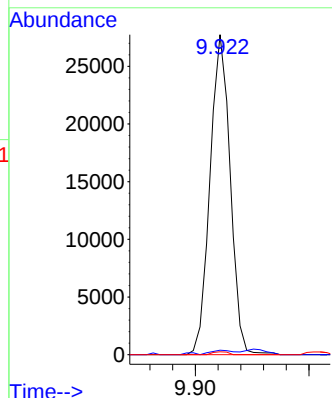
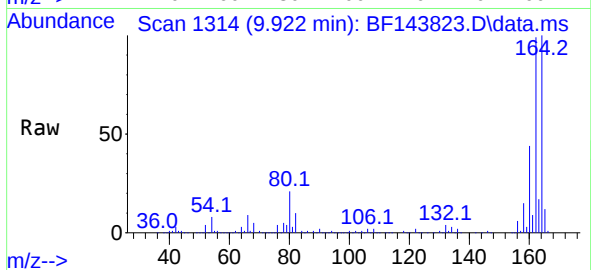




#51
2,6-Dinitrotoluene
Concen: 12.405 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.218 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

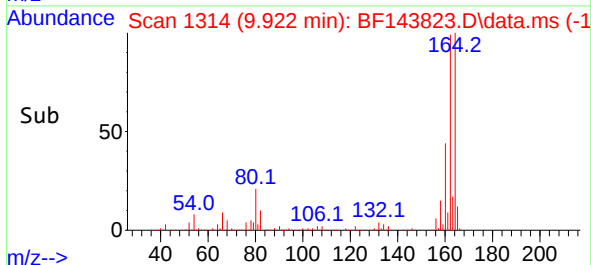
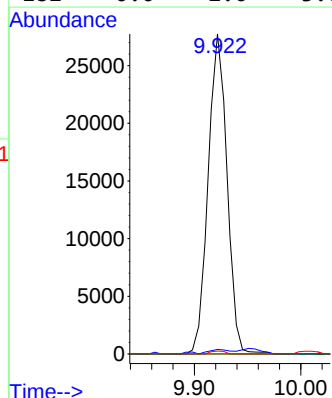
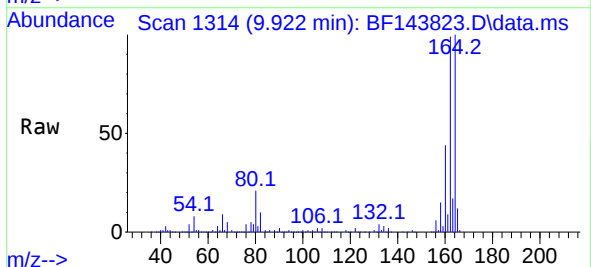
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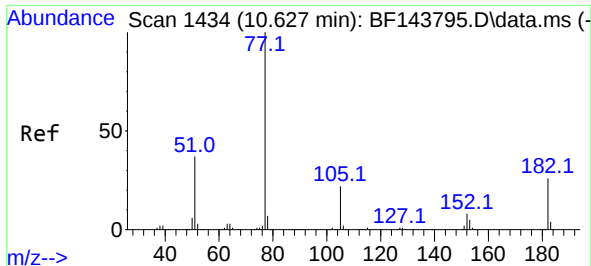
Tgt Ion:165 Resp: 34273
Ion Ratio Lower Upper
165 100
63 1.4 62.6 94.0#
89 0.9 45.2 67.8#



#57
2,4-Dinitrotoluene
Concen: 10.769 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion:165 Resp: 34273
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 0.9 57.5 86.3#
182 0.0 2.0 3.0#

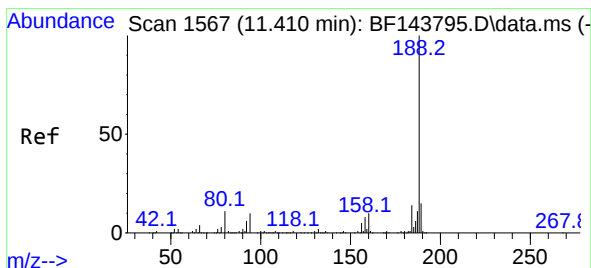
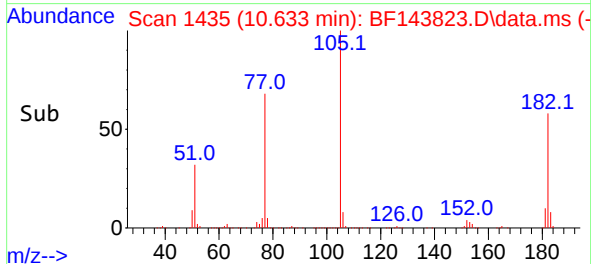
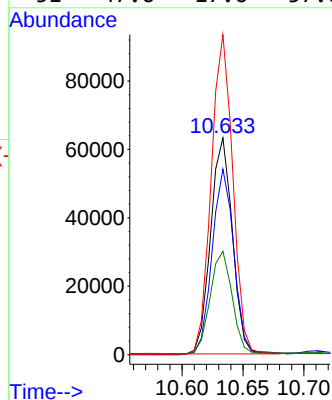
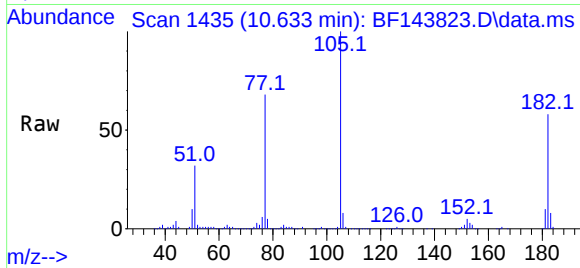




#63
Azobenzene
Concen: 4.714 ng
RT: 10.633 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

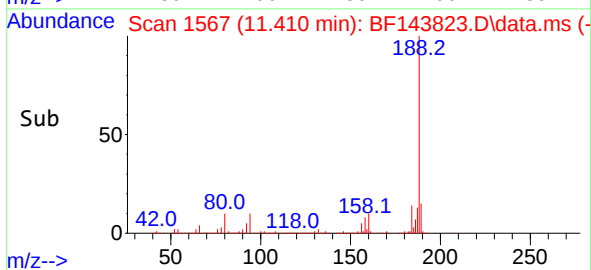
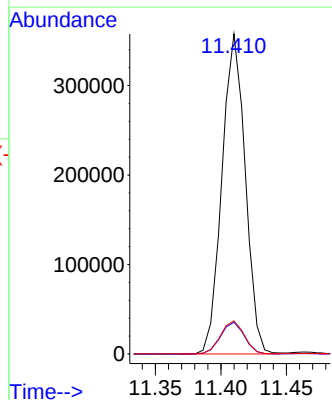
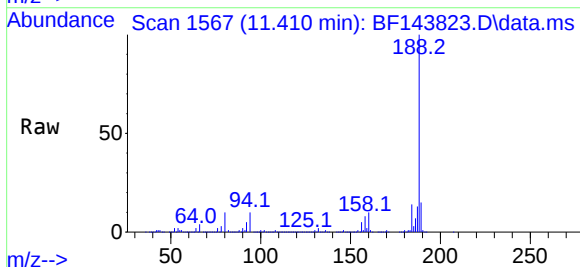
Instrument :
BNA_F
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WALL-PROBE-BRICK-1

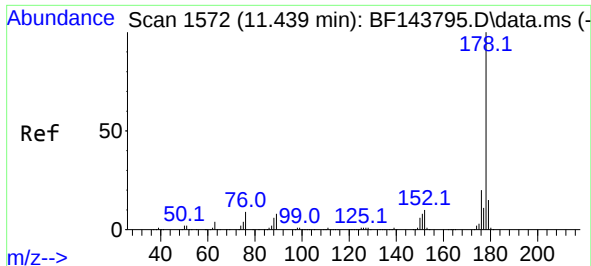
Tgt Ion: 77 Resp: 78202
Ion Ratio Lower Upper
77 100
182 85.5 5.9 45.9#
105 147.5 2.3 42.3#
51 47.6 17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion: 188 Resp: 441632
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.3 8.6 12.8

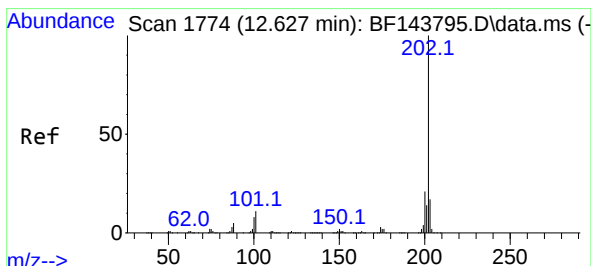
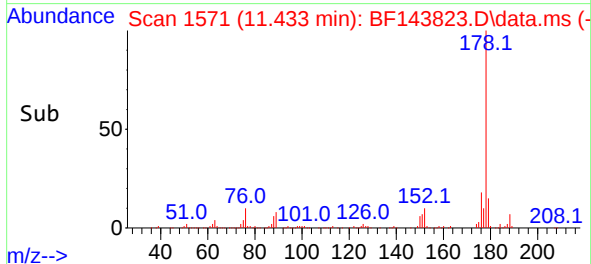
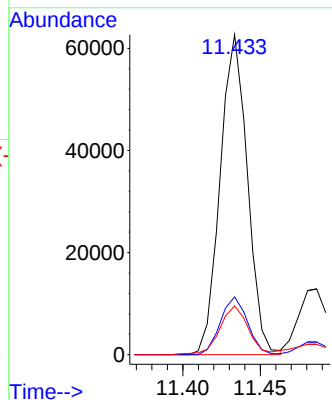
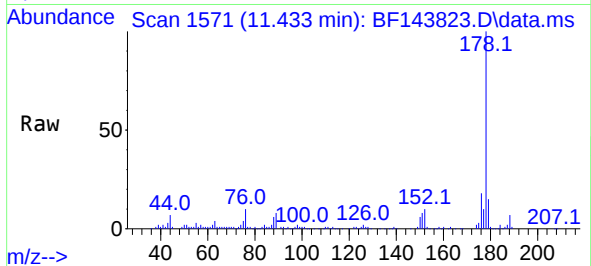




#71
Phenanthrene
Concen: 3.380 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

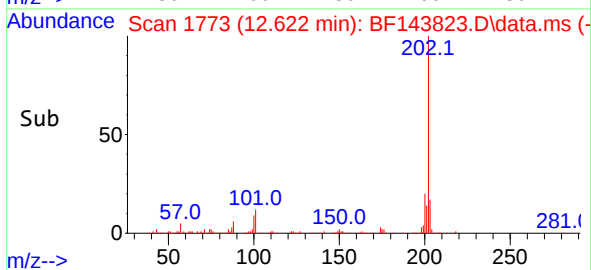
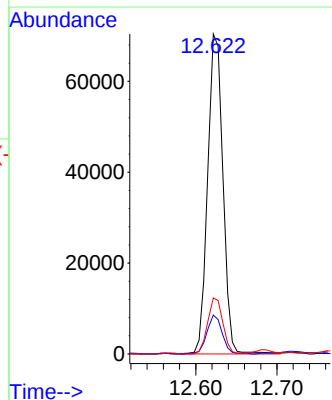
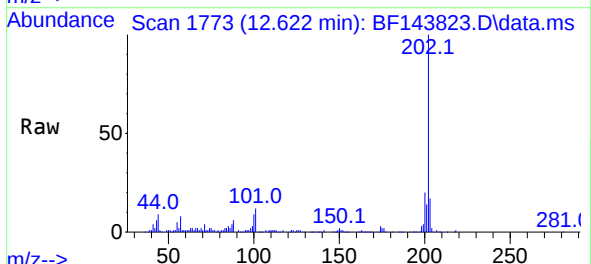
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

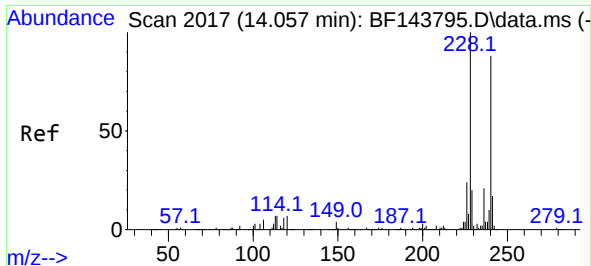
Tgt Ion:178 Resp: 76642
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 15.3 12.2 18.4



#75
Fluoranthene
Concen: 4.037 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

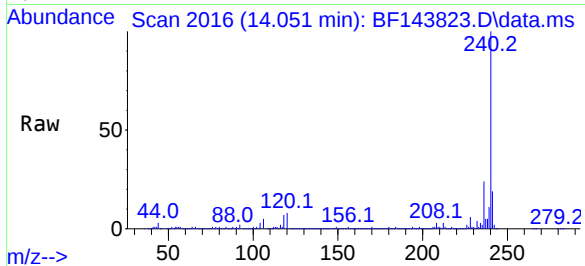
Tgt Ion:202 Resp: 92057
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.1
203 17.5 0.0 37.4



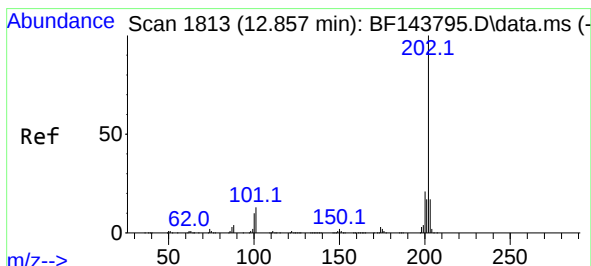
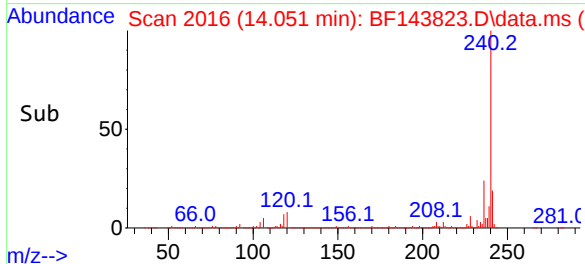
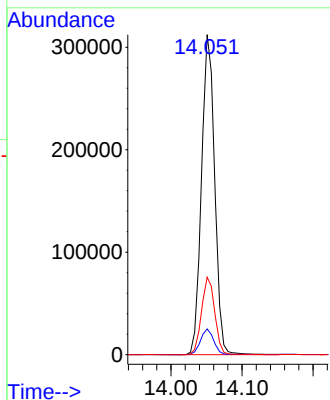


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

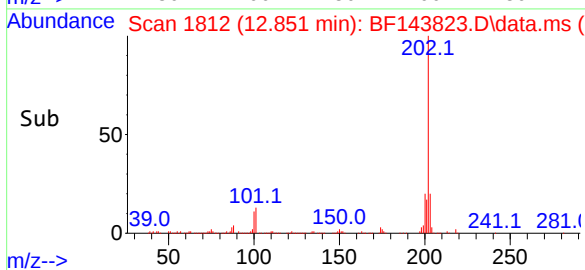
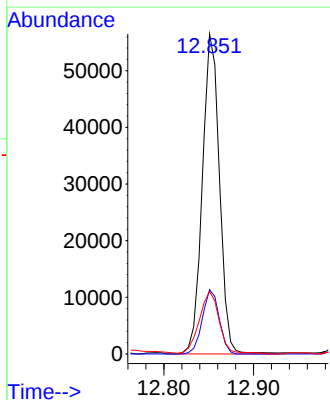
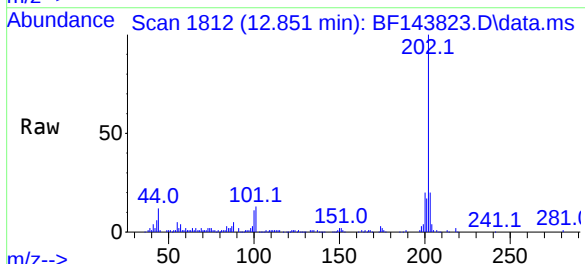


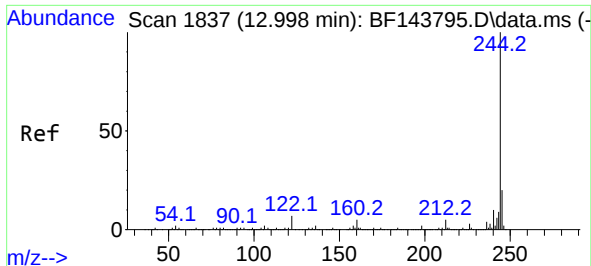
Tgt Ion:240 Resp: 403640
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 24.2 19.4 29.2



#78
Pyrene
Concen: 3.776 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

Tgt Ion:202 Resp: 74929
Ion Ratio Lower Upper
202 100
200 20.1 17.0 25.4
203 19.6 13.9 20.9

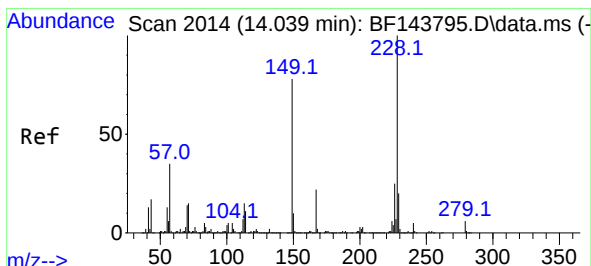
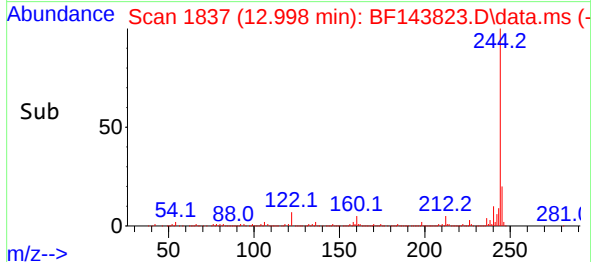
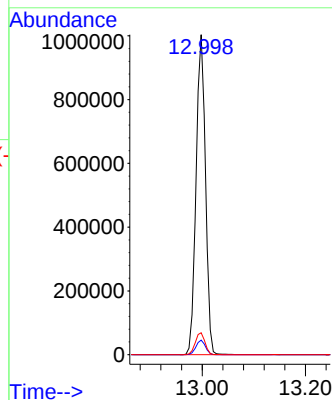
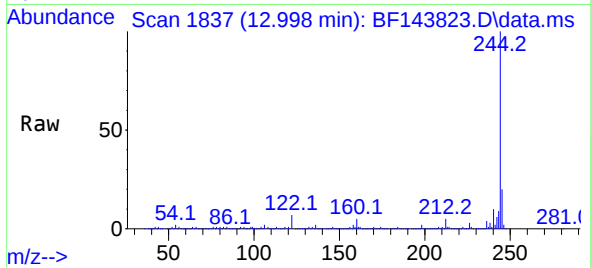




#79
 Terphenyl-d14
 Concen: 63.735 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143823.D
 Acq: 29 Sep 2025 15:45

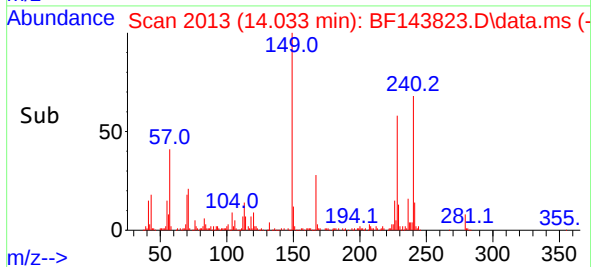
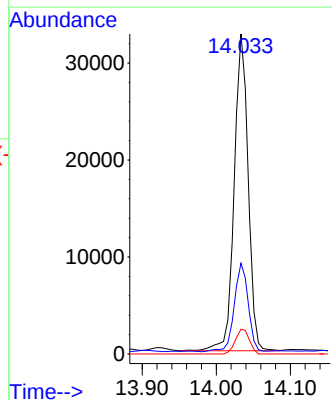
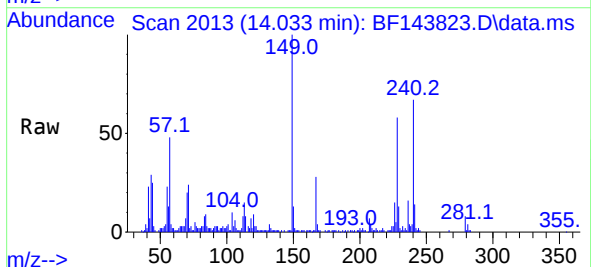
Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1

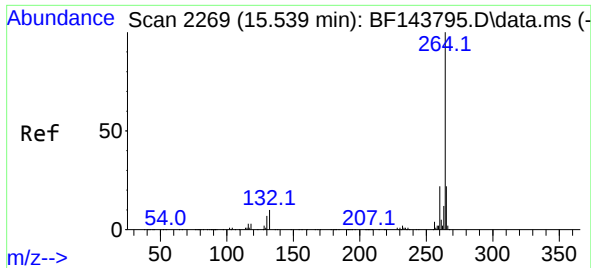
Tgt Ion:244 Resp: 1264953
 Ion Ratio Lower Upper
 244 100
 212 4.5 3.9 5.9
 122 6.8 5.6 8.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.233 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF143823.D
 Acq: 29 Sep 2025 15:45

Tgt Ion:149 Resp: 42602
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.2 33.2
 279 7.8 6.0 9.0

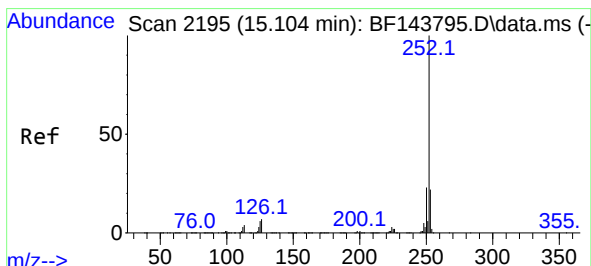
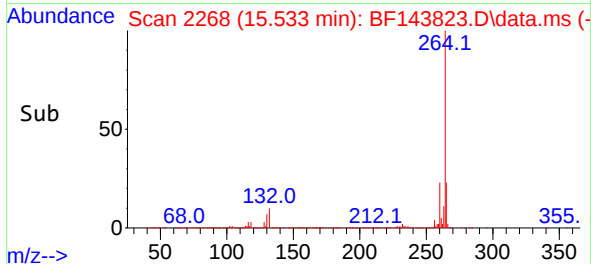
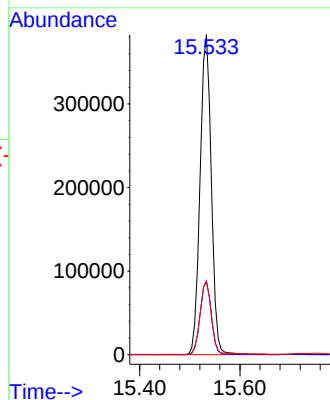
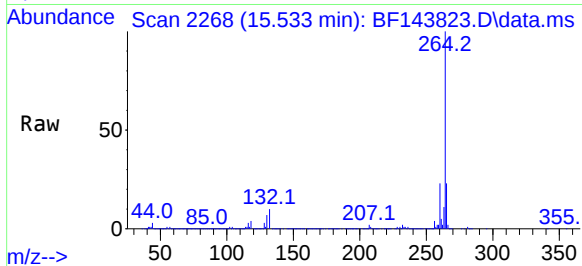




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF143823.D
 Acq: 29 Sep 2025 15:45

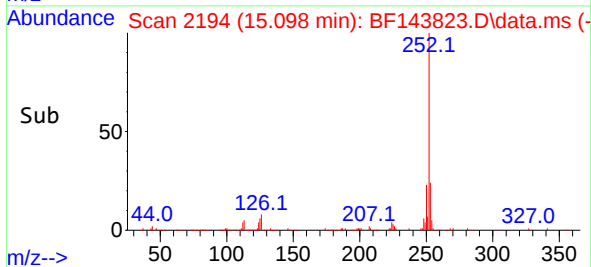
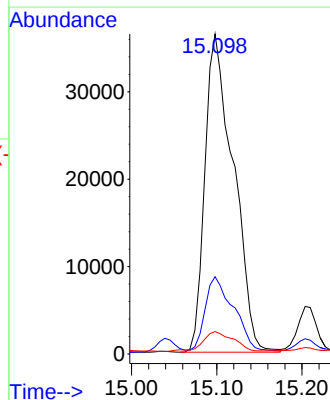
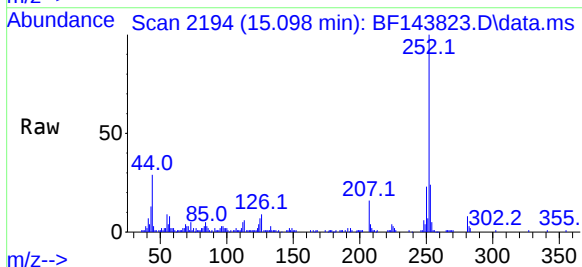
Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1

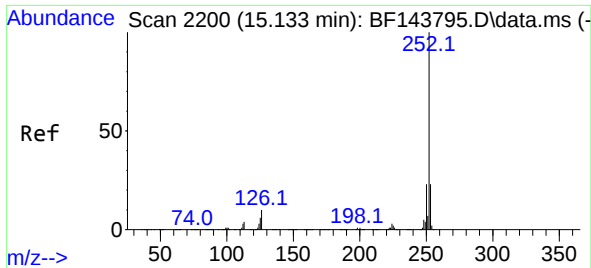
Tgt Ion:264 Resp: 596167
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 22.8 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 2.791 ng
 RT: 15.098 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF143823.D
 Acq: 29 Sep 2025 15:45

Tgt Ion:252 Resp: 84747
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.8 26.8
 125 7.0 4.4 6.6#





#89

Benzo(k)fluoranthene

Concen: 2.778 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF143823.D

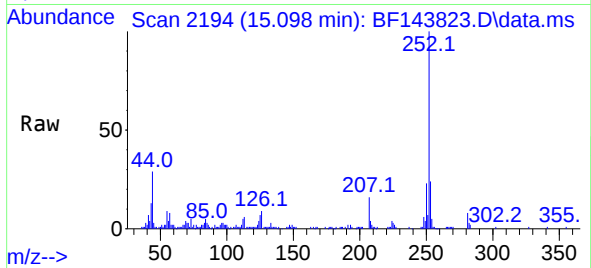
Acq: 29 Sep 2025 15:45

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1



Tgt Ion:252 Resp: 84747

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

125 7.0 4.6 6.8#

