

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)

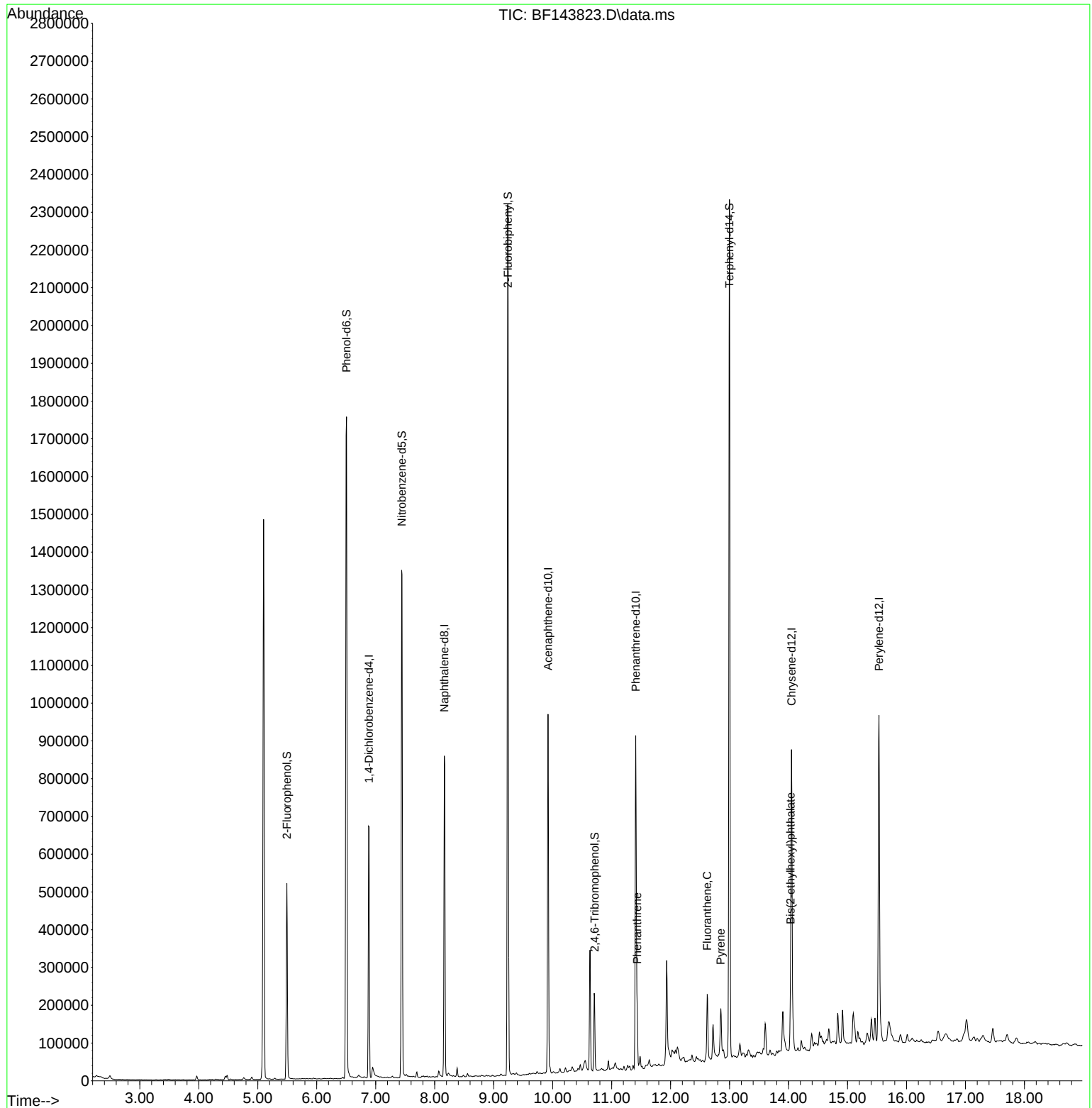
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136798	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	519535	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	275906	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	441632	20.000	ng	0.00
76) Chrysene-d12	14.051	240	403640	20.000	ng	-0.01
86) Perylene-d12	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
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

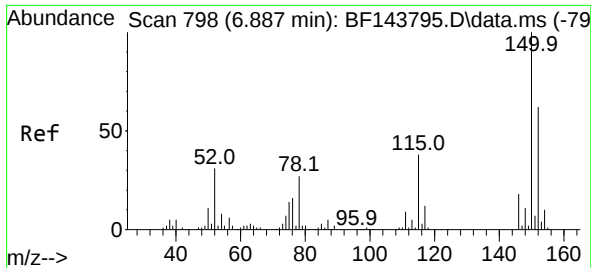
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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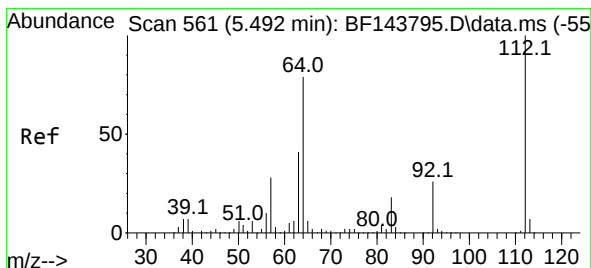
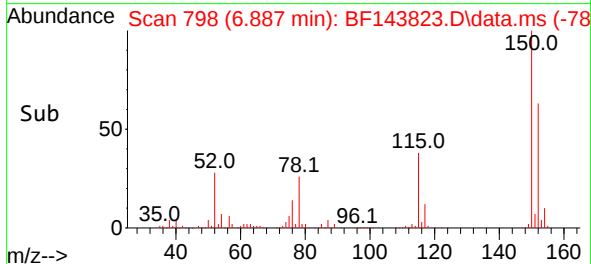
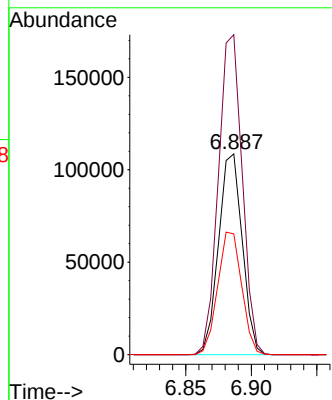
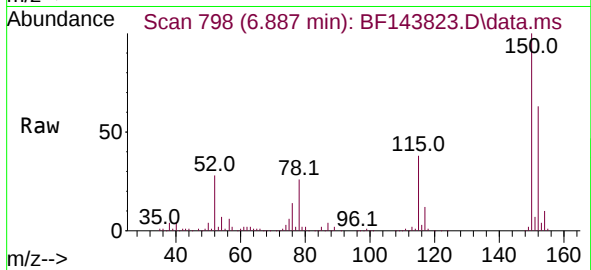




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

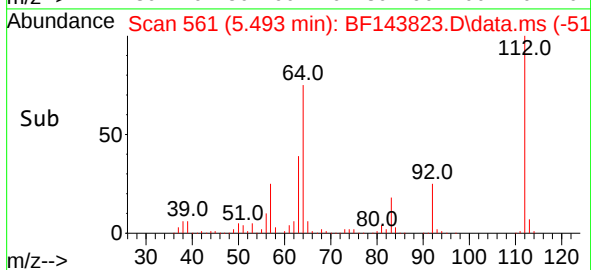
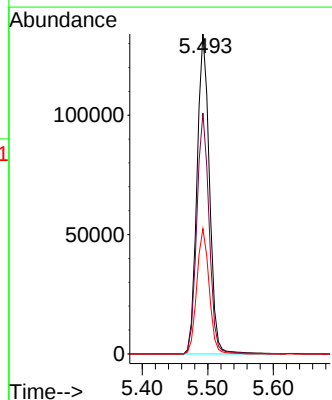
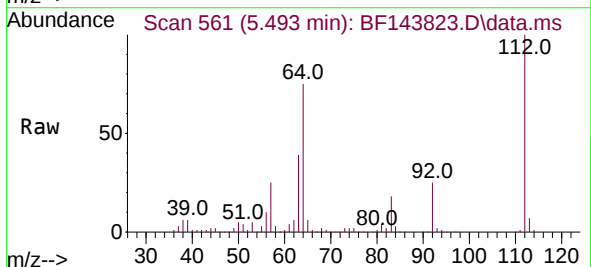
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

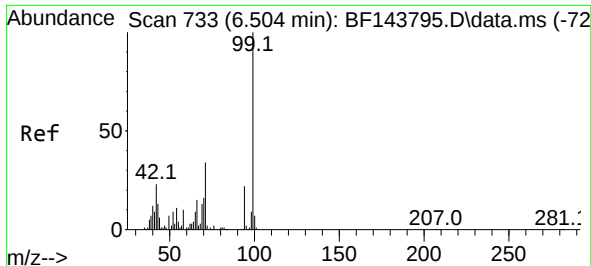
Tgt Ion:152 Resp: 136798
Ion Ratio Lower Upper
152 100
150 159.4 129.6 194.4
115 60.2 49.0 73.4



#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

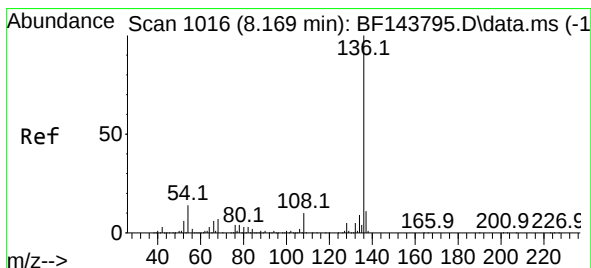
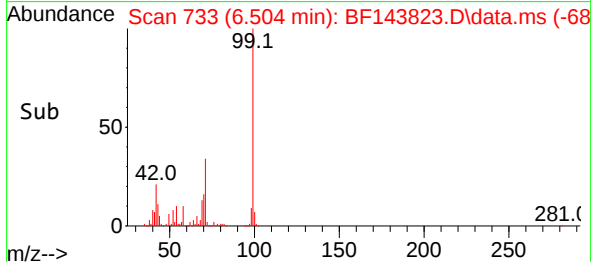
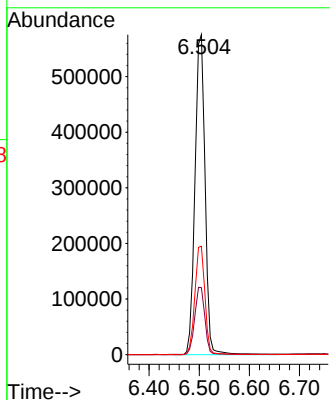
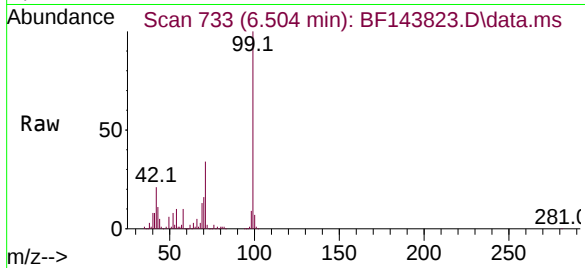




#7
Phenol-d6
Concen: 82.492 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

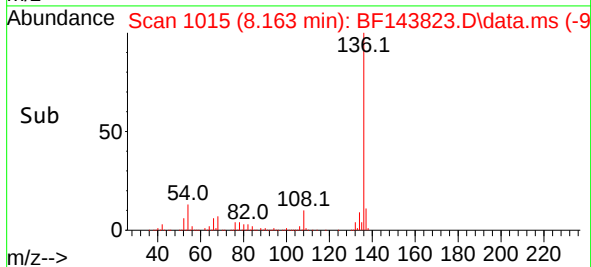
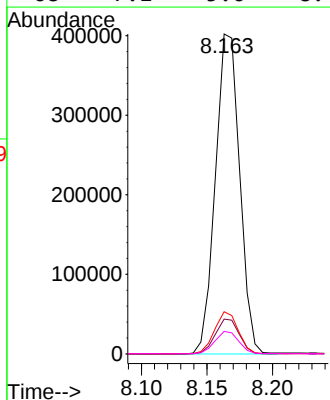
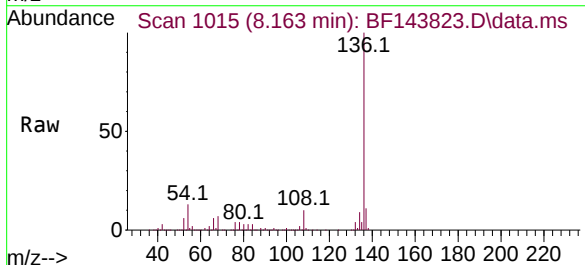
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

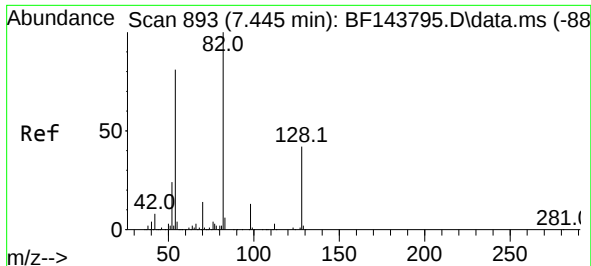
Tgt Ion: 99 Resp: 802535
Ion Ratio Lower Upper
99 100
42 20.9 18.6 28.0
71 33.9 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

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# 893

Delta R.T. -0.011 min

Lab File: BF143823.D

Acq: 29 Sep 2025 15:45

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1

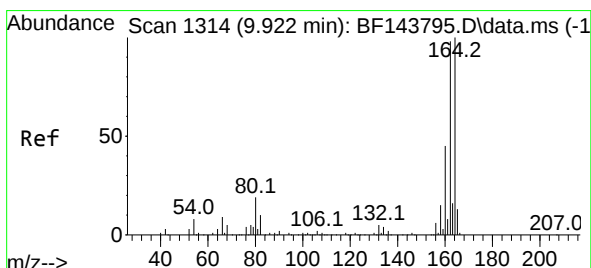
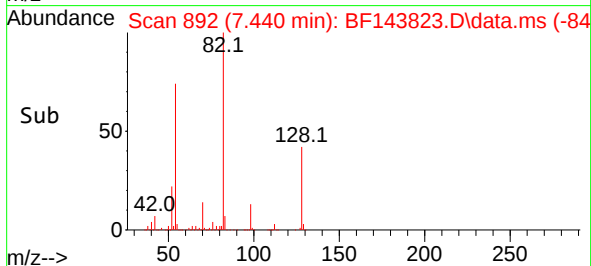
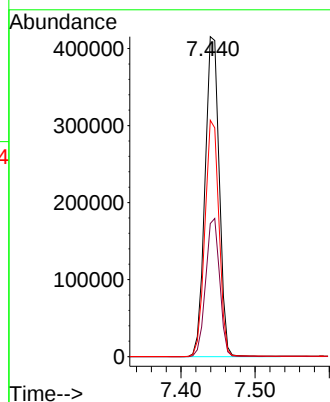
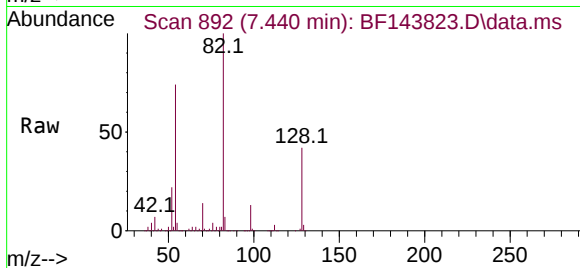
Tgt Ion: 82 Resp: 553985

Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

54 73.9 64.2 96.4



#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

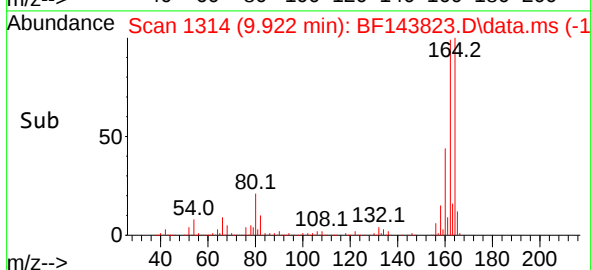
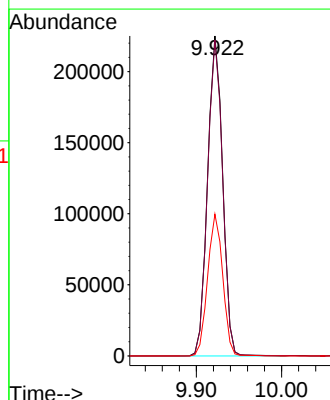
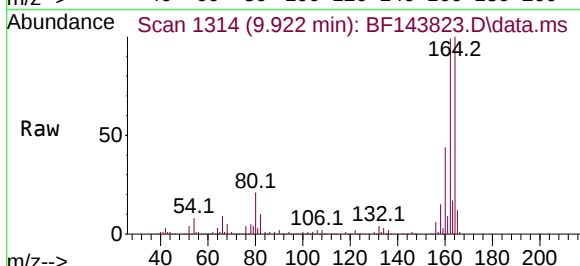
Tgt Ion: 164 Resp: 275906

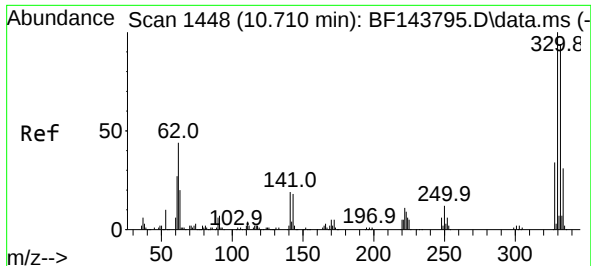
Ion Ratio Lower Upper

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

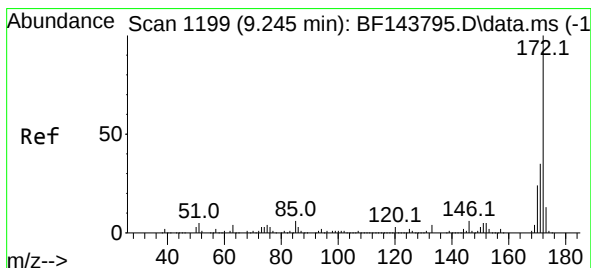
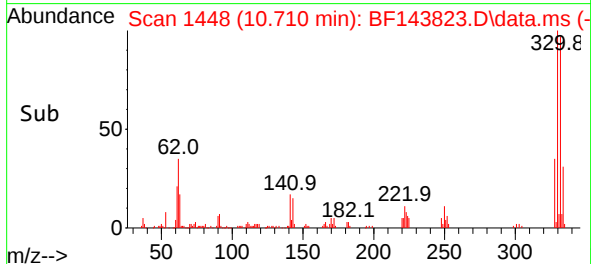
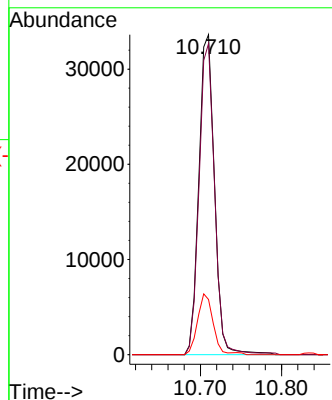
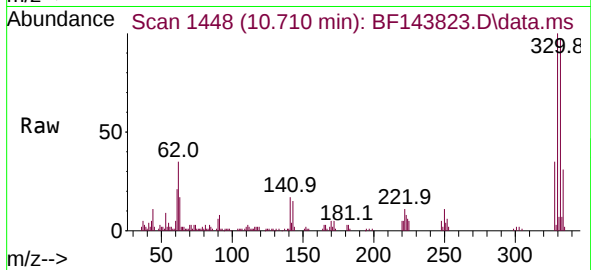
Tgt Ion:330 Resp: 44738

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

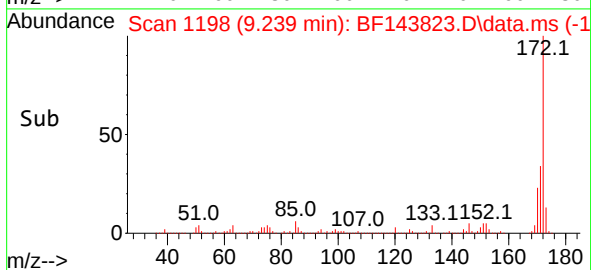
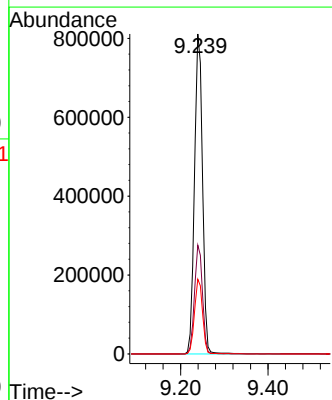
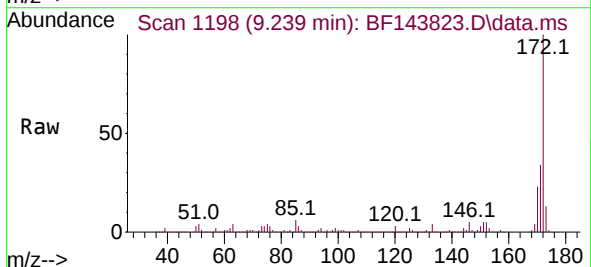
Tgt Ion:172 Resp: 1038014

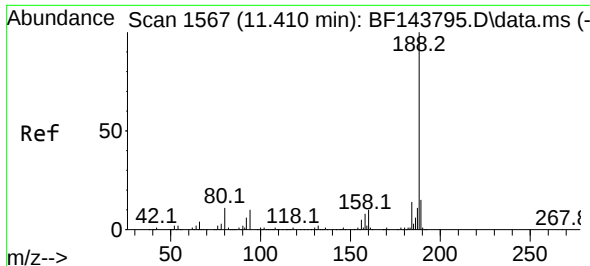
Ion Ratio Lower Upper

172 100

171 34.0 27.9 41.9

170 23.3 19.1 28.7

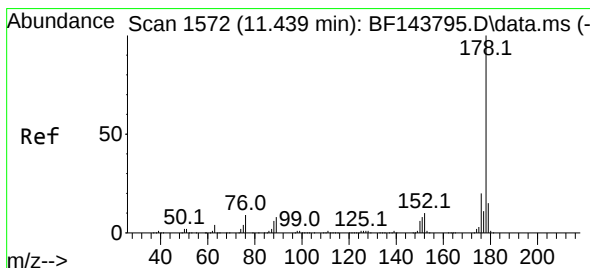
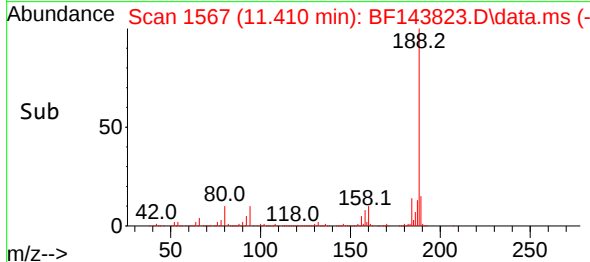
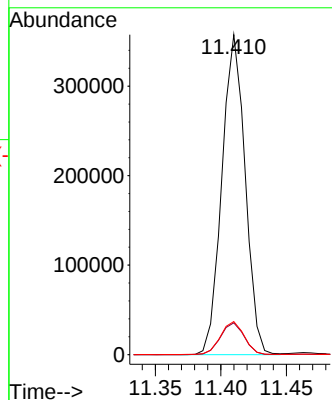
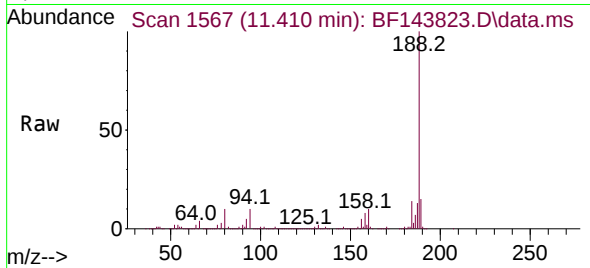




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

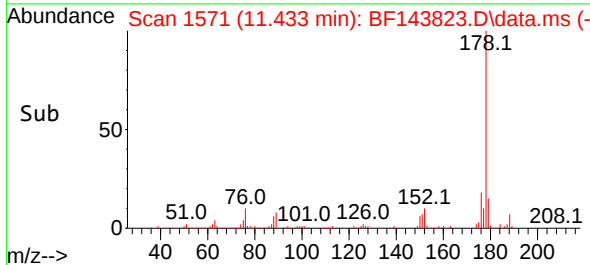
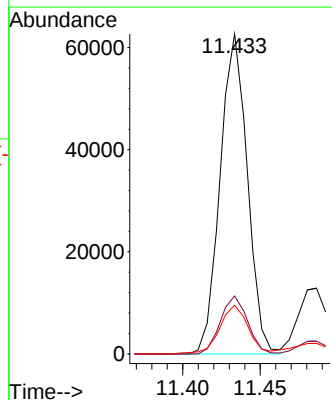
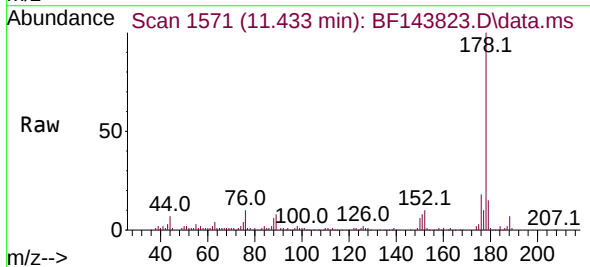
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1

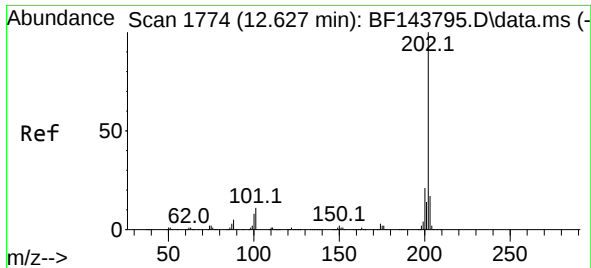
Tgt Ion:188 Resp: 441632
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.3 8.6 12.8



#71
Phenanthrene
Concen: 3.380 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

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

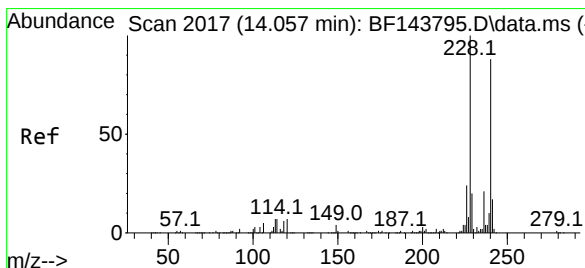
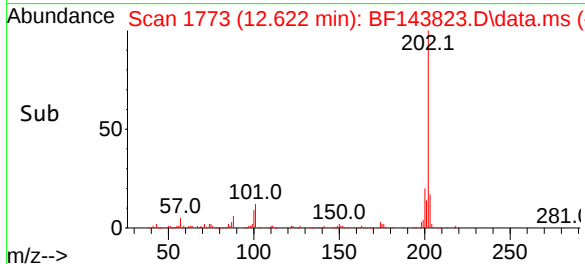
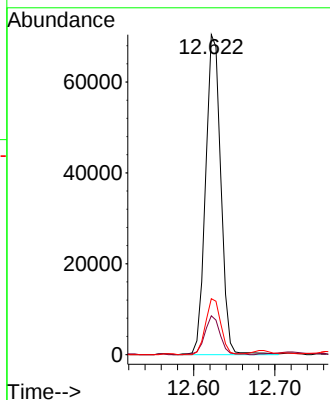
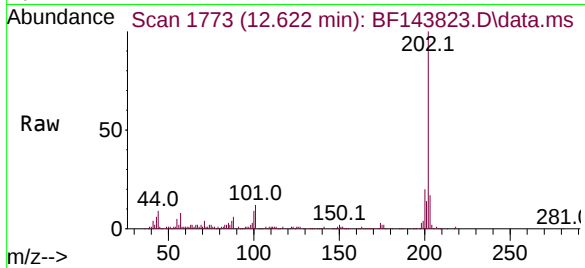




#75
Fluoranthene
Concen: 4.037 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

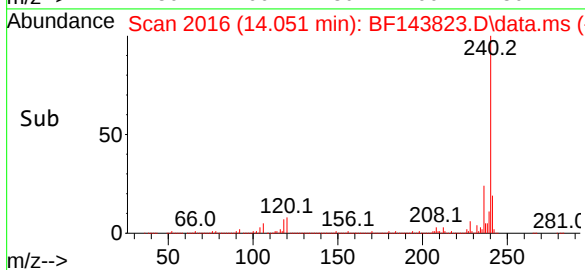
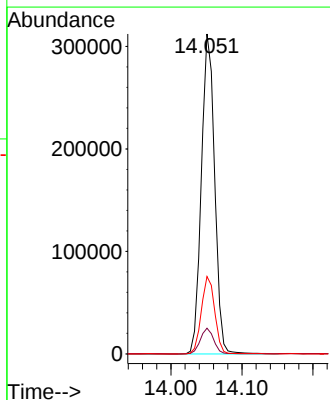
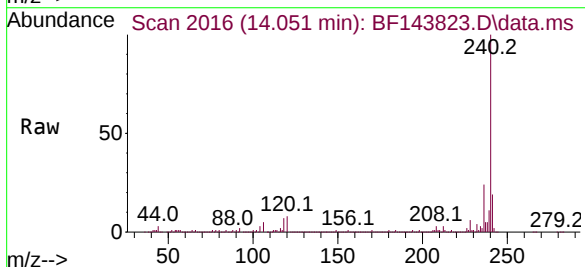
Instrument : BNA_F
ClientSampleId : WALL-PROBE-BRICK-1

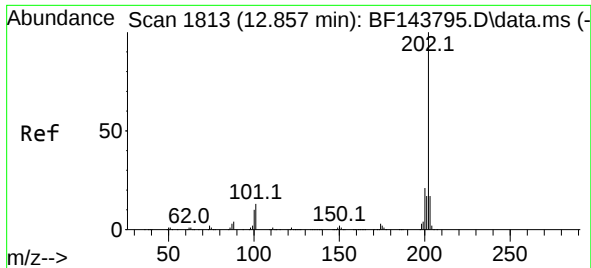
Tgt Ion:	202	Resp:	92057
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	31.1
203	17.5	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

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

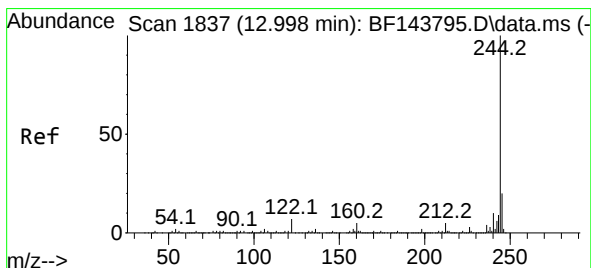
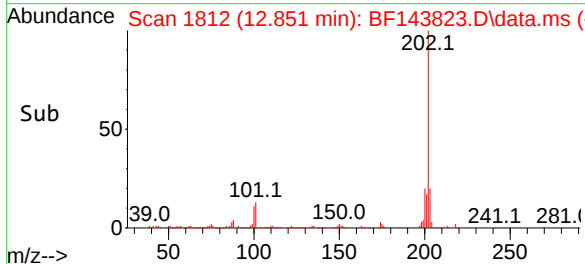
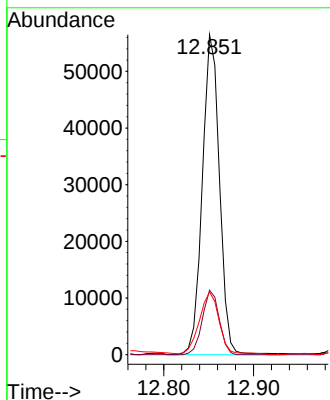
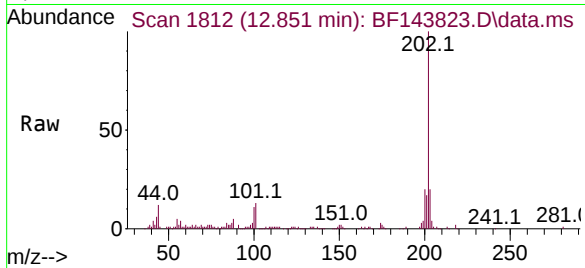




#78
 Pyrene
 Concen: 3.776 ng
 RT: 12.851 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF143823.D
 Acq: 29 Sep 2025 15:45

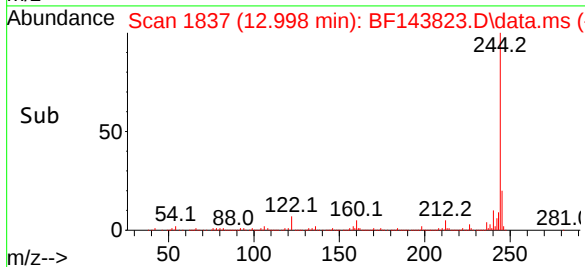
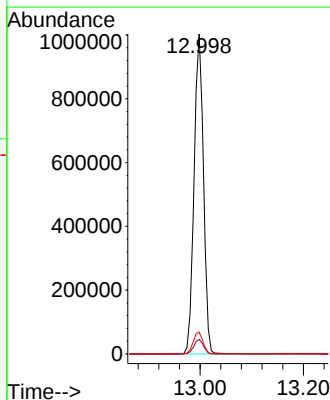
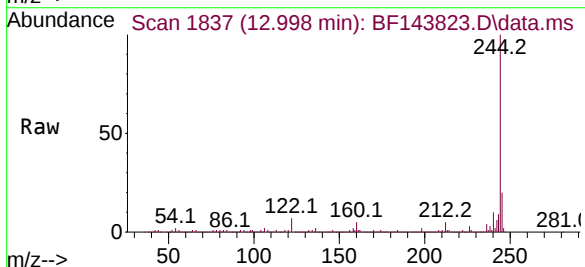
Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1

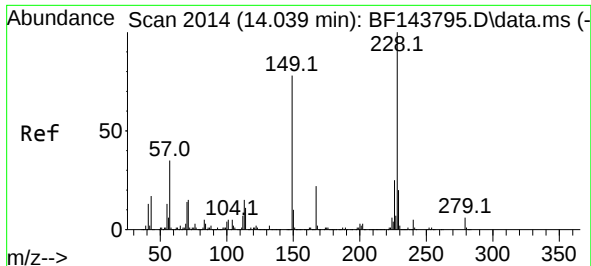
Tgt Ion:202 Resp: 74929
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.0 25.4
 203 19.6 13.9 20.9



#79
 Terphenyl-d14
 Concen: 63.735 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143823.D
 Acq: 29 Sep 2025 15:45

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

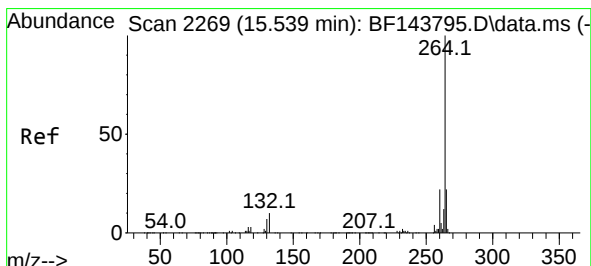
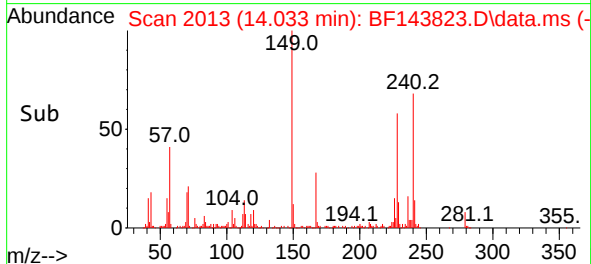
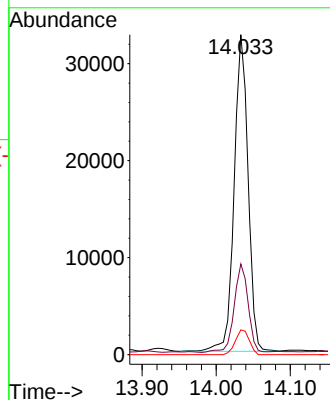
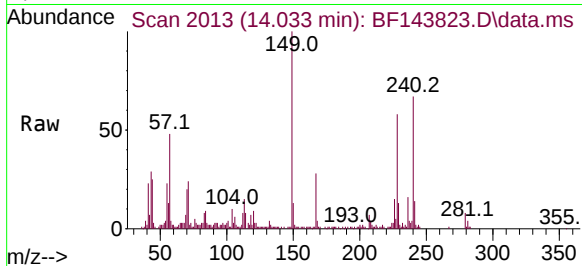




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.233 ng
RT: 14.033 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

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

Tgt Ion: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# 2268
Delta R.T. -0.006 min
Lab File: BF143823.D
Acq: 29 Sep 2025 15:45

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

