

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143833.D
 Acq On : 30 Sep 2025 15:04
 Operator : RC/JU
 Sample : PB169880TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169880TB

Quant Time: Sep 30 15:28:08 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	170876	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	648255	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	342269	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	552976	20.000	ng	0.00
76) Chrysene-d12	14.051	240	479351	20.000	ng	-0.01
86) Perylene-d12	15.533	264	680290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1144441	108.814	ng	0.00
7) Phenol-d6	6.504	99	1354312	111.446	ng	0.00
23) Nitrobenzene-d5	7.445	82	869480	82.101	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	577676	113.989	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1738189	79.249	ng	0.00
79) Terphenyl-d14	12.998	244	2229752	94.602	ng	0.00

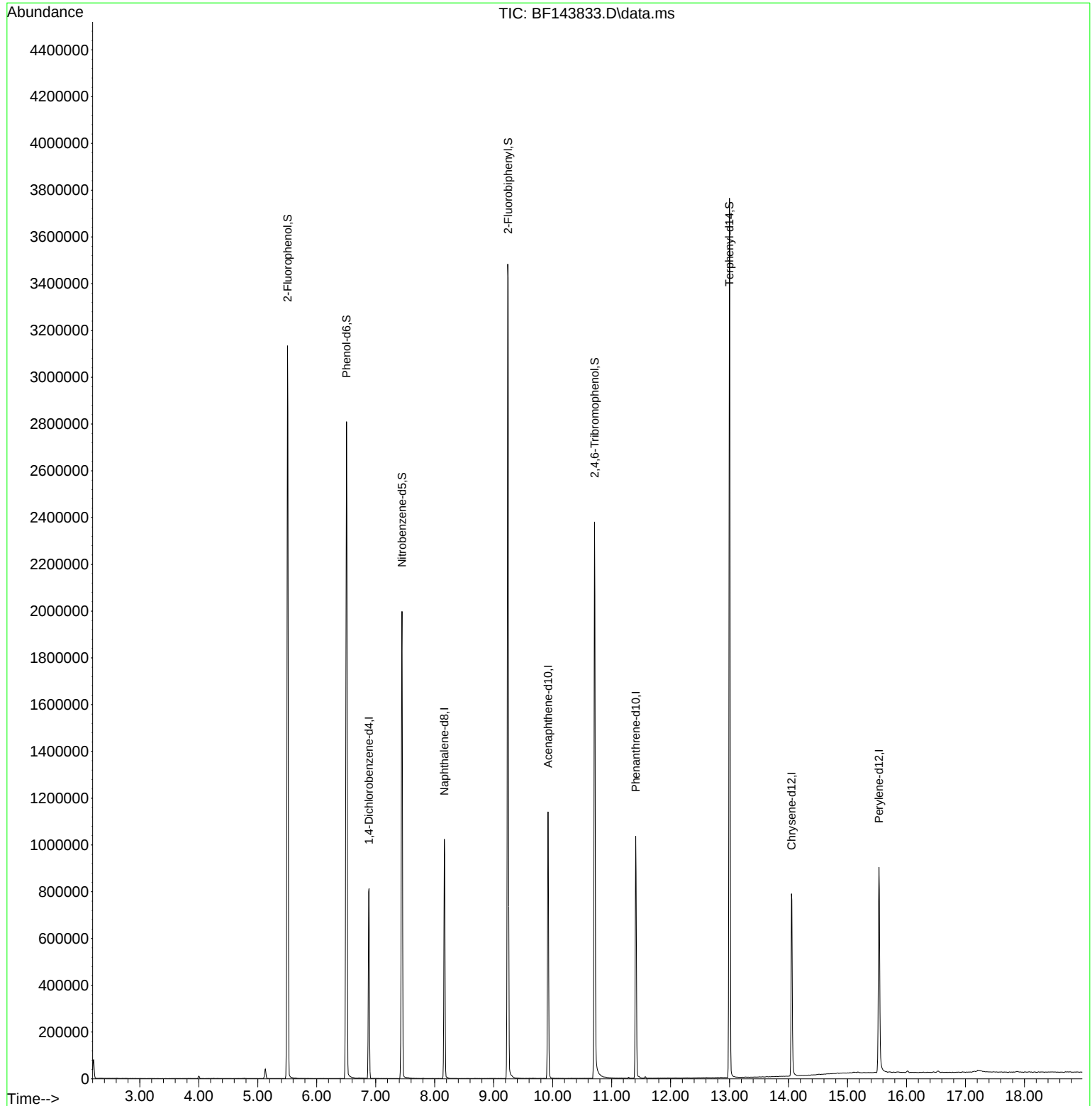
Target Compounds	Qvalue

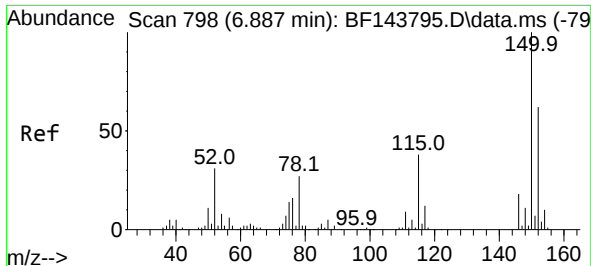
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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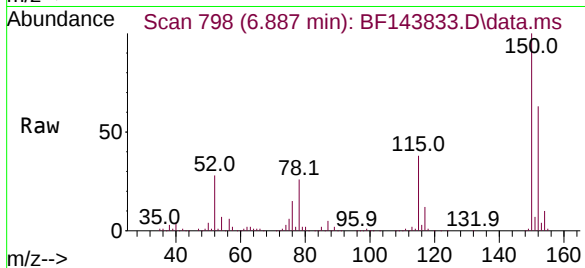
Quant Time: Sep 30 15:28:08 2025
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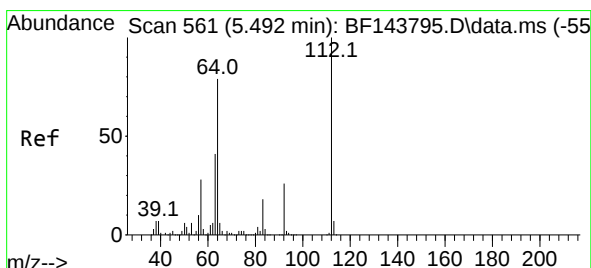
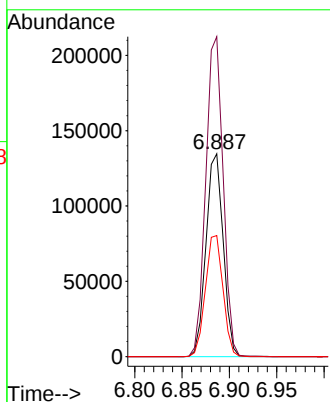
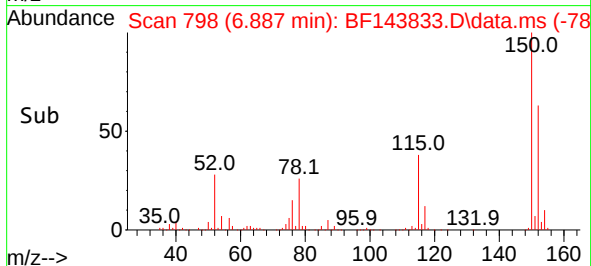


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

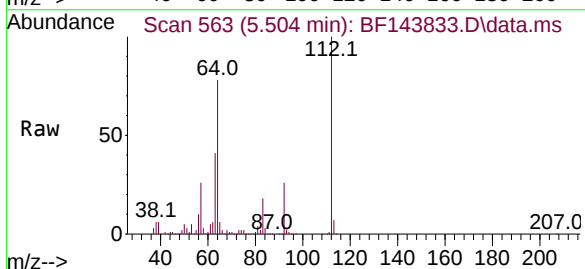
Instrument :
BNA_F
ClientSampleId :
PB169880TB



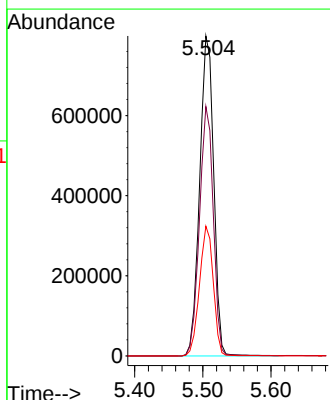
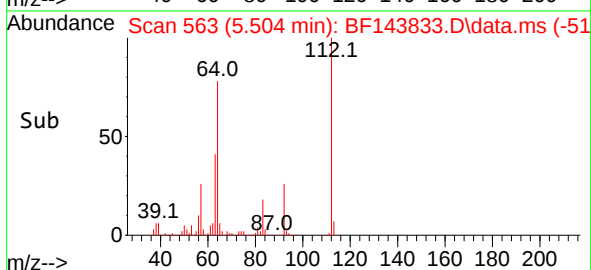
Tgt Ion:152 Resp: 170876
Ion Ratio Lower Upper
152 100
150 157.8 129.6 194.4
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 108.814 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04



Tgt Ion:112 Resp: 1144441
Ion Ratio Lower Upper
112 100
64 77.9 63.0 94.4
63 40.5 32.6 49.0



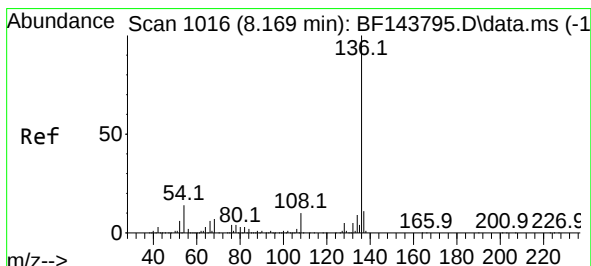
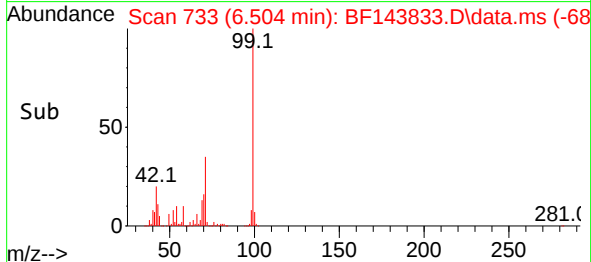
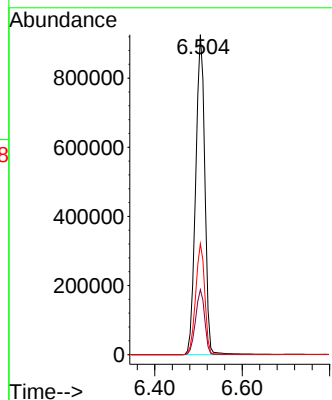
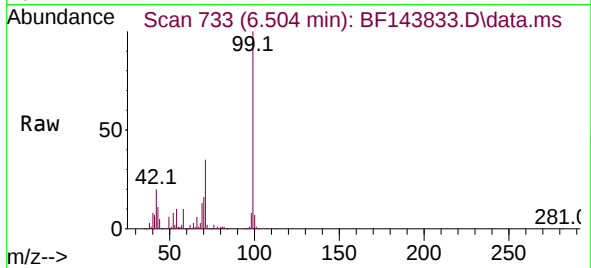


#7
Phenol-d6
Concen: 111.446 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Instrument :
BNA_F
ClientSampleId :
PB169880TB

Tgt Ion: 99 Resp: 1354312

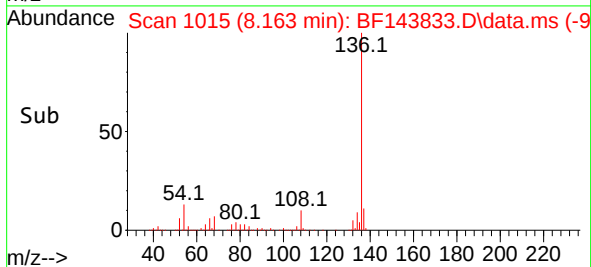
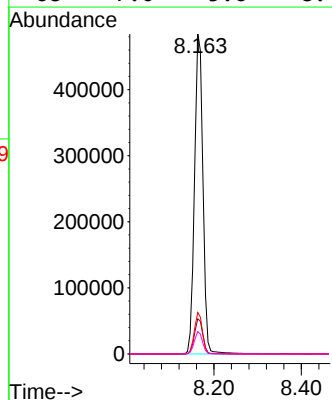
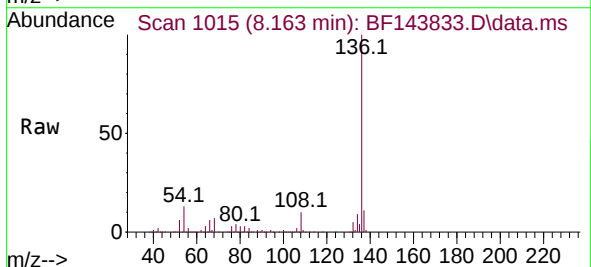
Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.6	28.0
71	34.6	27.0	40.4

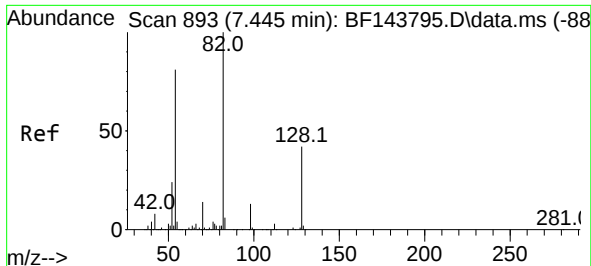


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion: 136 Resp: 648255

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	12.9	11.2	16.8
68	7.0	5.6	8.4

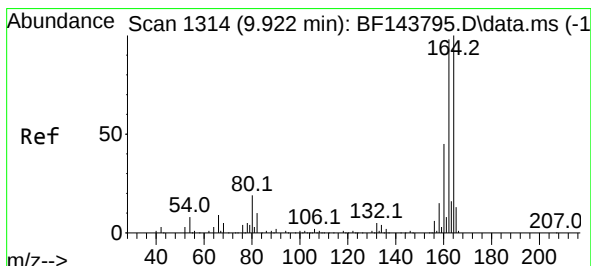
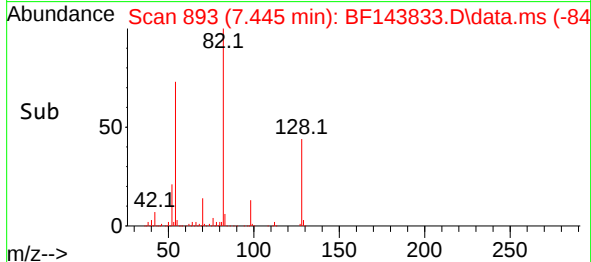
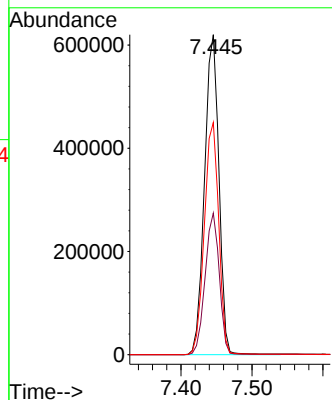
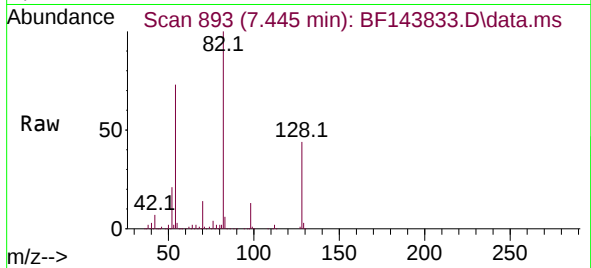




#23
Nitrobenzene-d5
Concen: 82.101 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

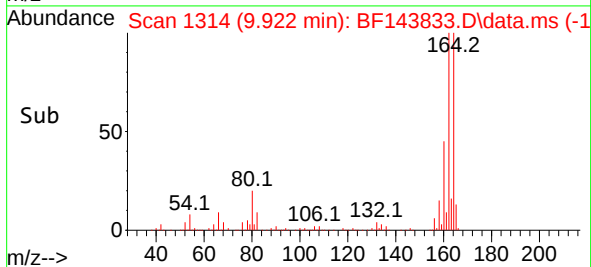
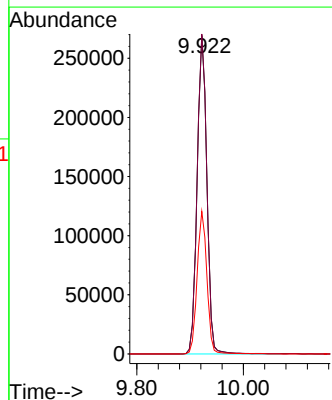
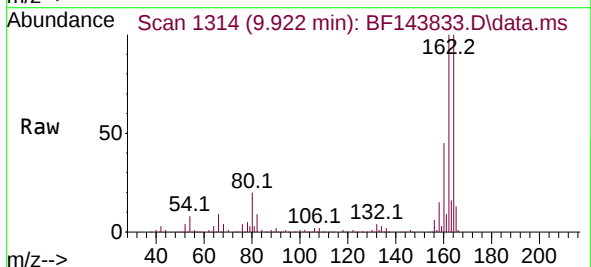
Instrument :
BNA_F
ClientSampleId :
PB169880TB

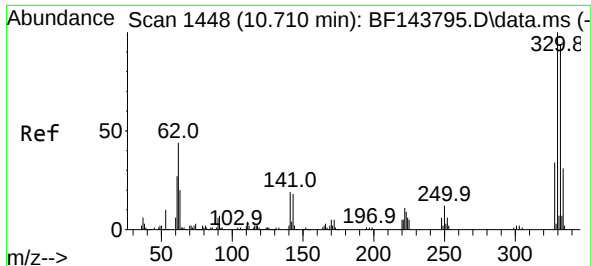
Tgt Ion: 82 Resp: 869480
Ion Ratio Lower Upper
82 100
128 44.2 33.3 49.9
54 72.6 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion: 164 Resp: 342269
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 113.989 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143833.D

Acq: 30 Sep 2025 15:04

Instrument :

BNA_F

ClientSampleId :

PB169880TB

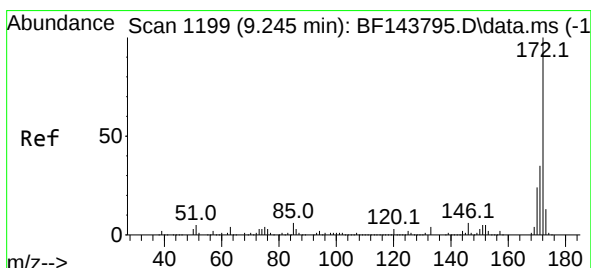
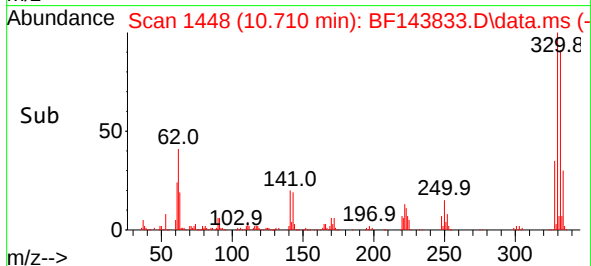
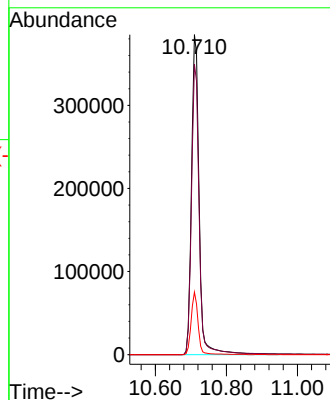
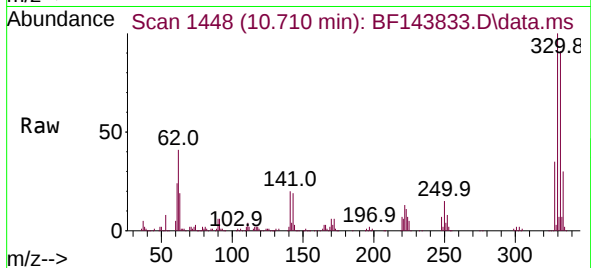
Tgt Ion:330 Resp: 577676

Ion Ratio Lower Upper

330 100

332 92.1 74.7 112.1

141 17.8 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 79.249 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143833.D

Acq: 30 Sep 2025 15:04

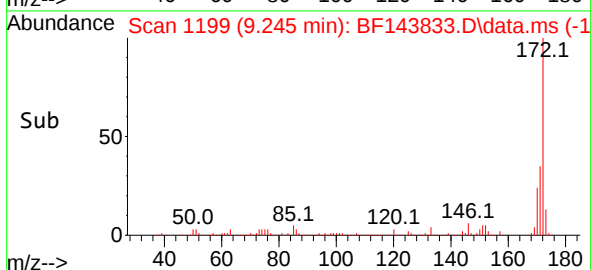
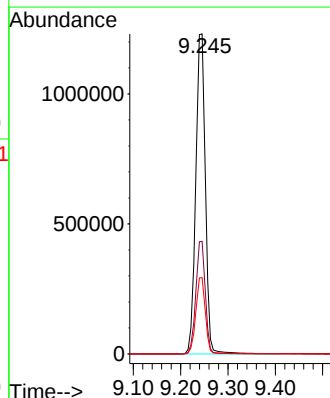
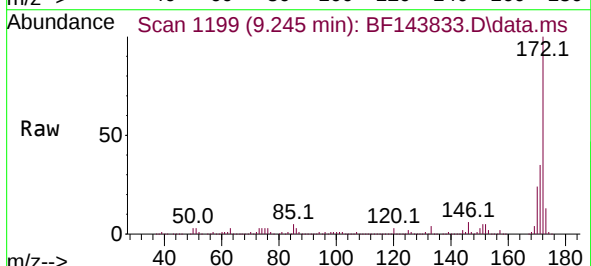
Tgt Ion:172 Resp: 1738189

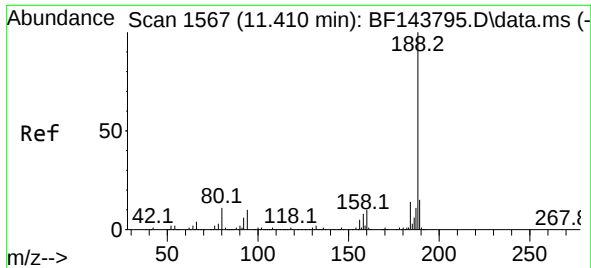
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 19.1 28.7

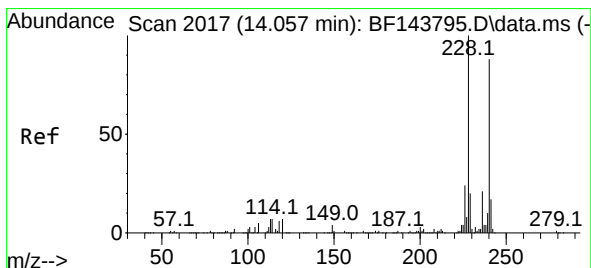
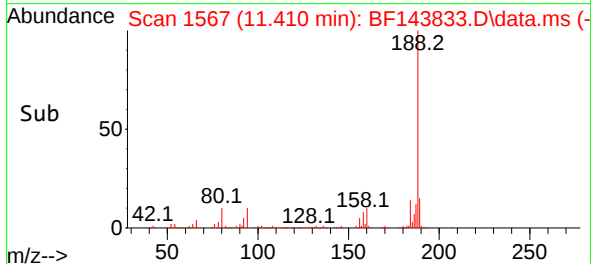
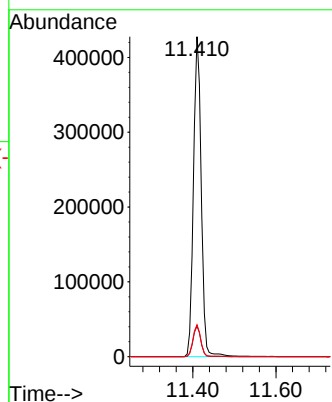
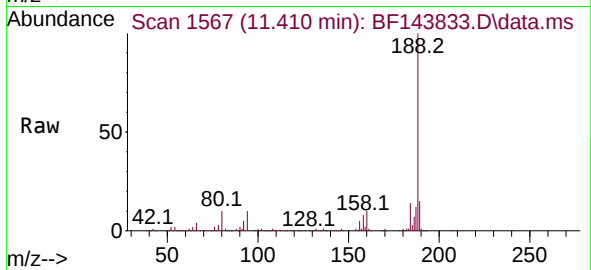




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

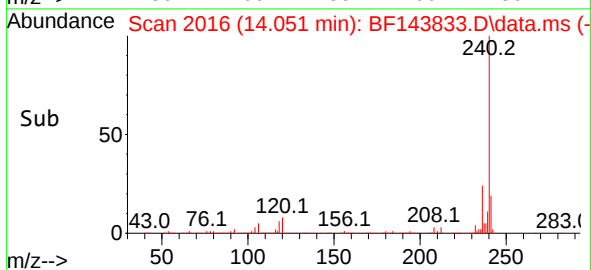
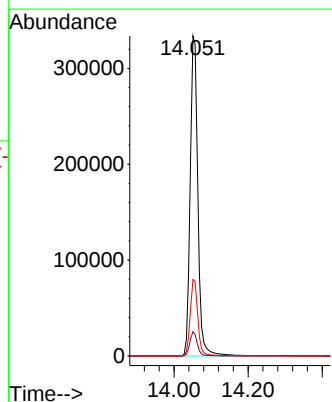
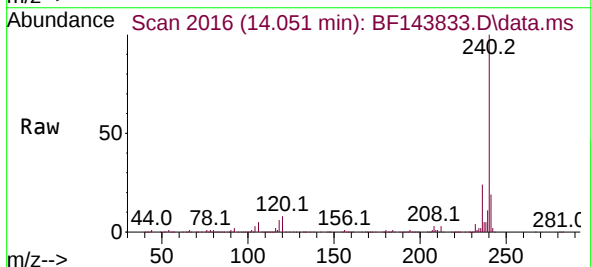
Instrument :
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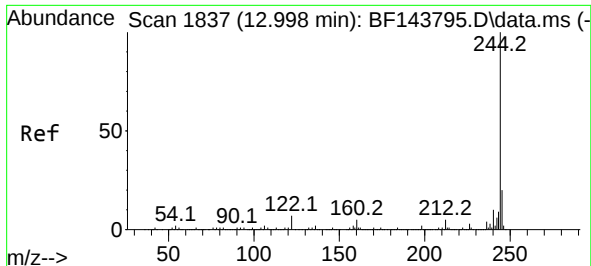
Tgt Ion:188 Resp: 552976
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion:240 Resp: 479351
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 23.9 19.4 29.2

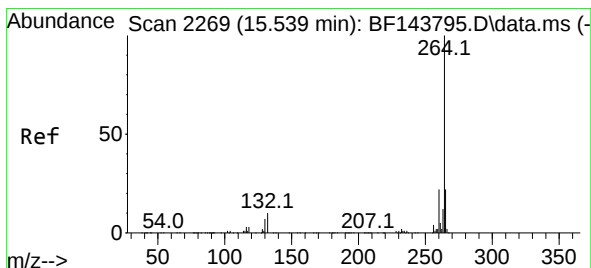
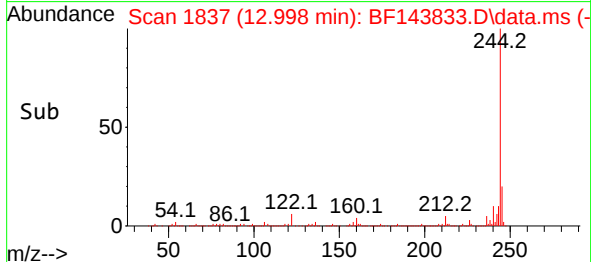
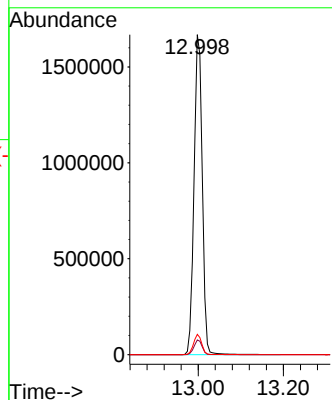
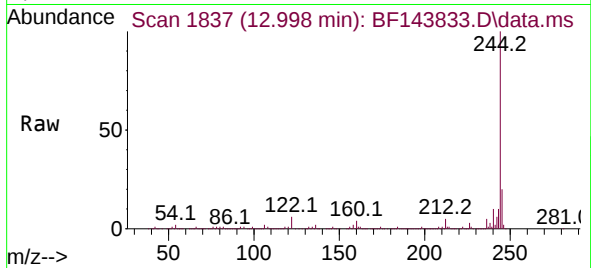




#79
 Terphenyl-d14
 Concen: 94.602 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143833.D
 Acq: 30 Sep 2025 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB169880TB

Tgt Ion:244 Resp: 2229752
 Ion Ratio Lower Upper
 244 100
 212 4.6 3.9 5.9
 122 6.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143833.D
 Acq: 30 Sep 2025 15:04

Tgt Ion:264 Resp: 680290
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.9 26.9
 265 22.7 17.7 26.5

