

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143821.D
 Acq On : 29 Sep 2025 14:42
 Operator : RC/JU
 Sample : PB169890BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169890BL

Quant Time: Sep 29 15:06:29 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	168062	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	649975	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	352419	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	599933	20.000	ng	0.00
76) Chrysene-d12	14.057	240	534791	20.000	ng	0.00
86) Perylene-d12	15.533	264	568781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1250813	120.919	ng	0.00
7) Phenol-d6	6.504	99	1513616	126.641	ng	0.00
23) Nitrobenzene-d5	7.445	82	849589	80.010	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	480044	91.995	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1902938	84.261	ng	0.00
79) Terphenyl-d14	13.004	244	2790617	106.124	ng	0.00

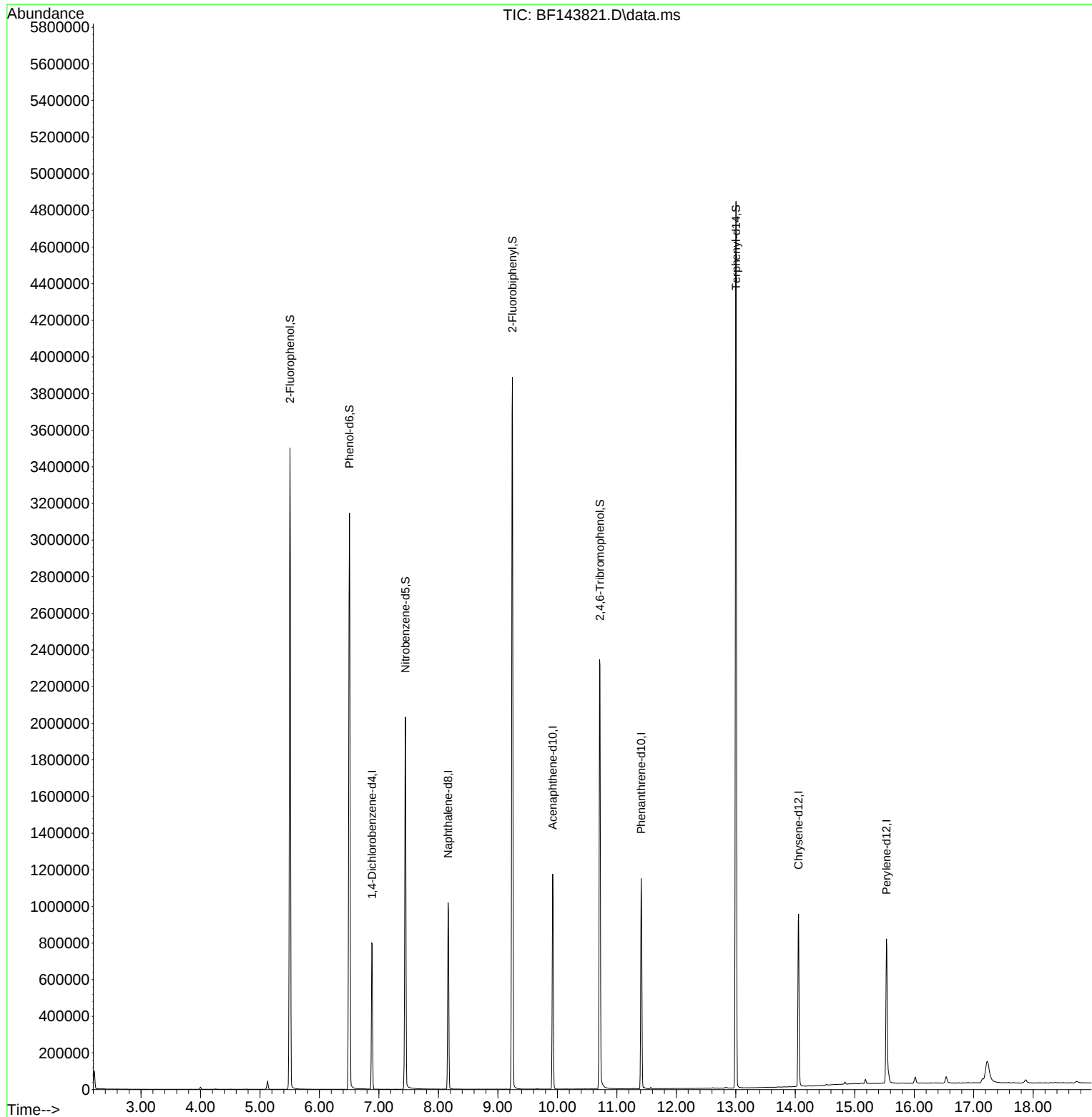
Target Compounds	Qvalue

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

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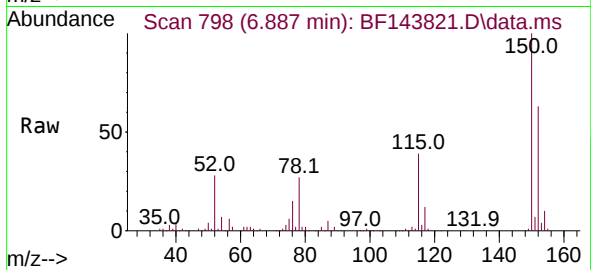
Quant Time: Sep 29 15:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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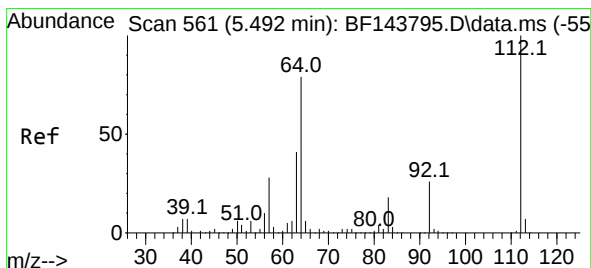
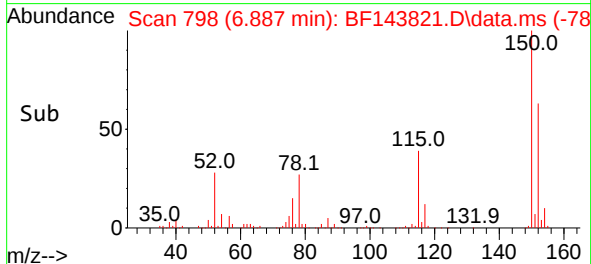
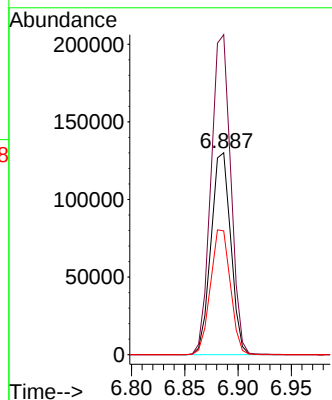


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Instrument :
BNA_F
ClientSampleId :
PB169890BL

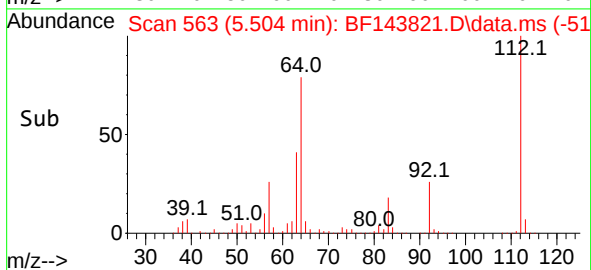
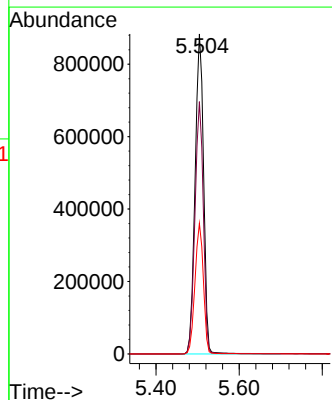
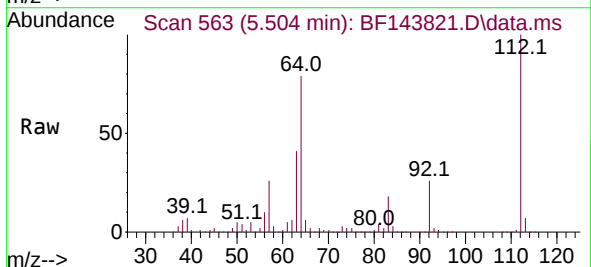


Tgt Ion:152 Resp: 168062
Ion Ratio Lower Upper
152 100
150 158.5 129.6 194.4
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 120.919 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion:112 Resp: 1250813
Ion Ratio Lower Upper
112 100
64 78.8 63.0 94.4
63 40.8 32.6 49.0



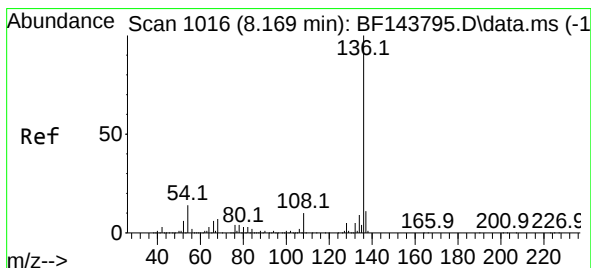
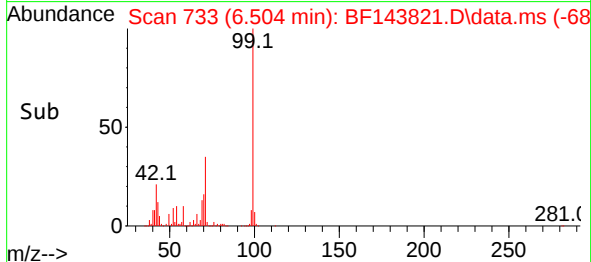
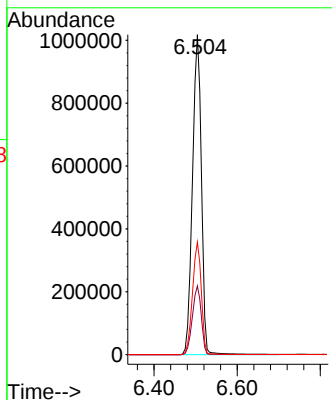
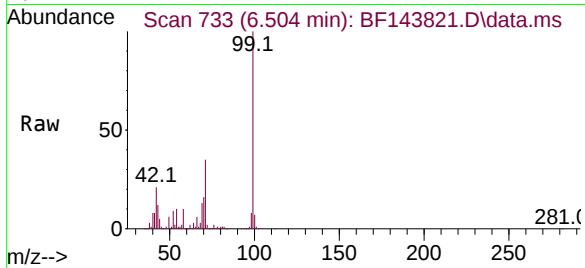


#7
Phenol-d6
Concen: 126.641 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Instrument :
BNA_F
ClientSampleId :
PB169890BL

Tgt Ion: 99 Resp: 1513616

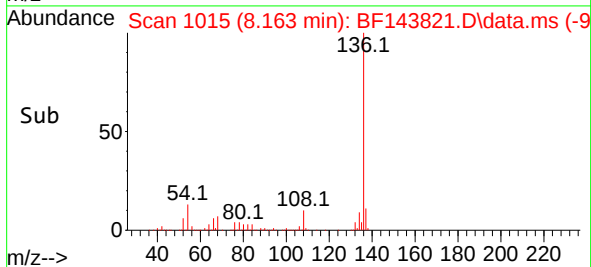
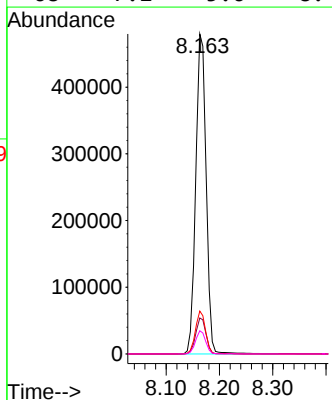
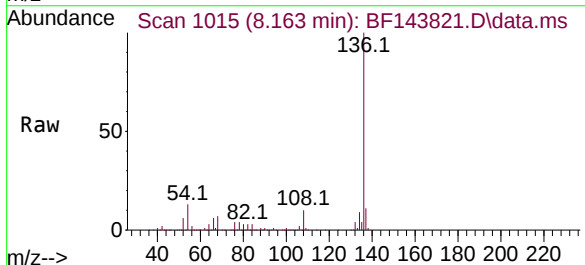
Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.6	28.0
71	35.2	27.0	40.4

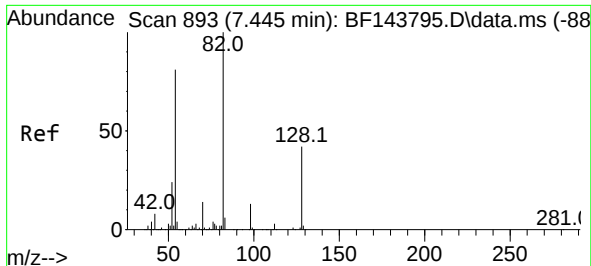


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion: 136 Resp: 649975

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	13.4	11.2	16.8
68	7.2	5.6	8.4

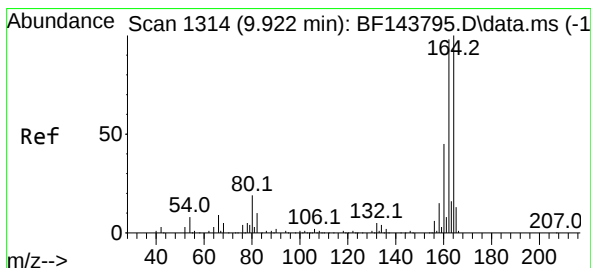
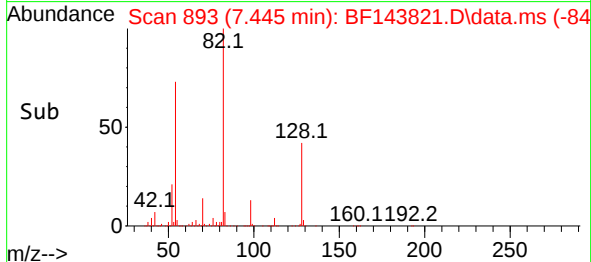
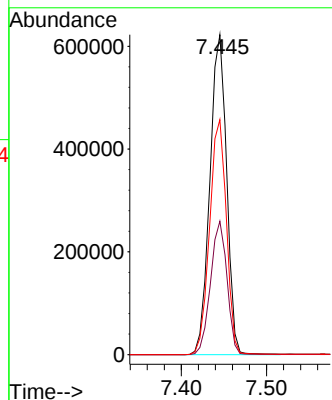
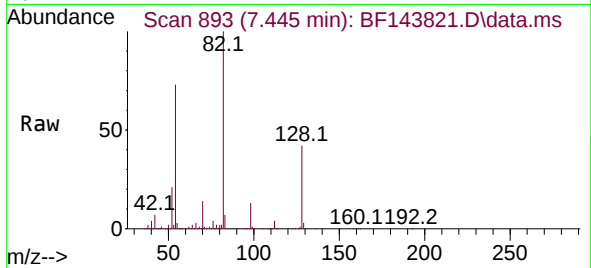




#23
Nitrobenzene-d5
Concen: 80.010 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

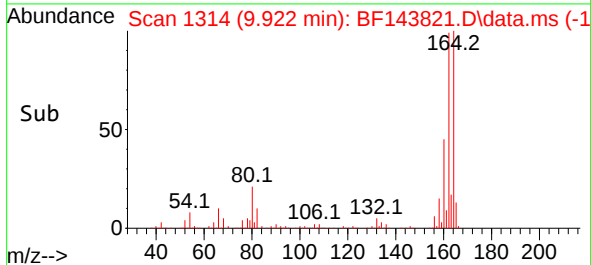
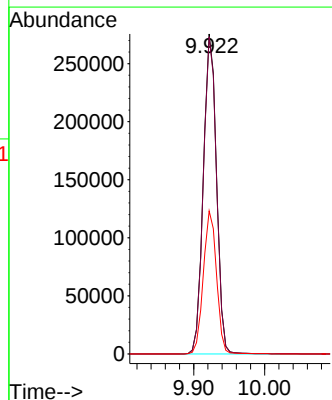
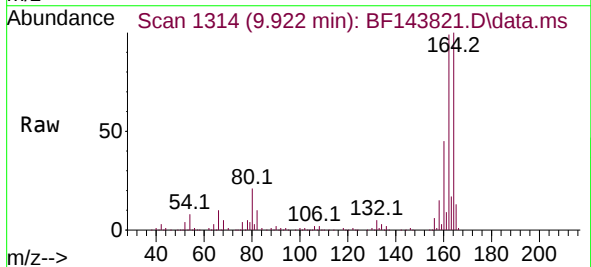
Instrument :
BNA_F
ClientSampleId :
PB169890BL

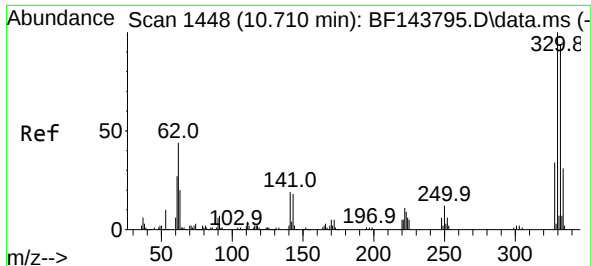
Tgt Ion: 82 Resp: 849589
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 73.4 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion: 164 Resp: 352419
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 91.995 ng

RT: 10.716 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF143821.D

Acq: 29 Sep 2025 14:42

Instrument :

BNA_F

ClientSampleId :

PB169890BL

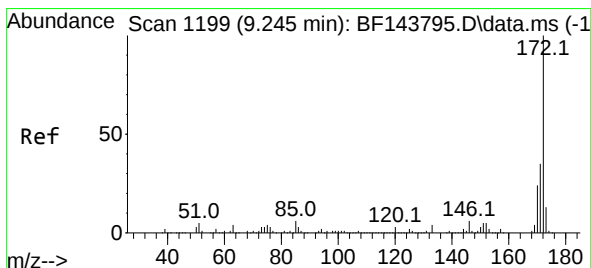
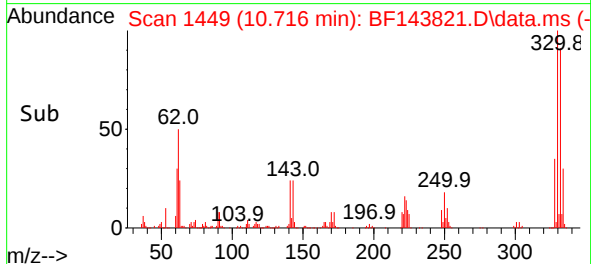
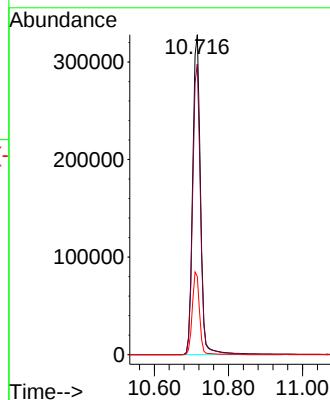
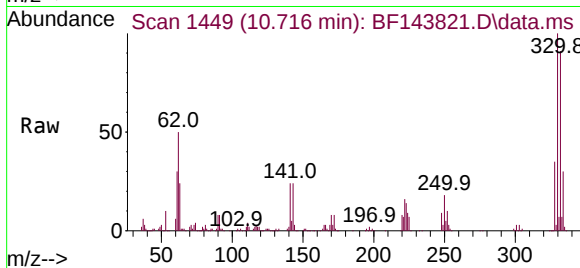
Tgt Ion:330 Resp: 480044

Ion Ratio Lower Upper

330 100

332 91.4 74.7 112.1

141 23.8 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 84.261 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143821.D

Acq: 29 Sep 2025 14:42

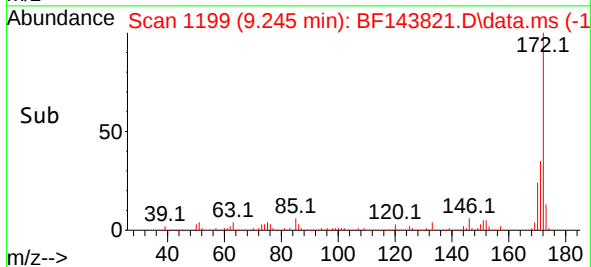
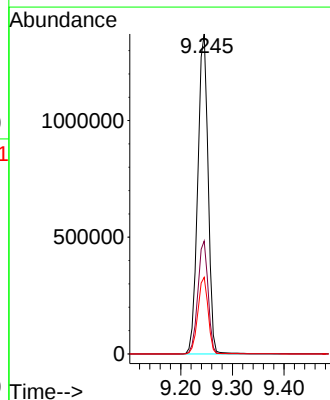
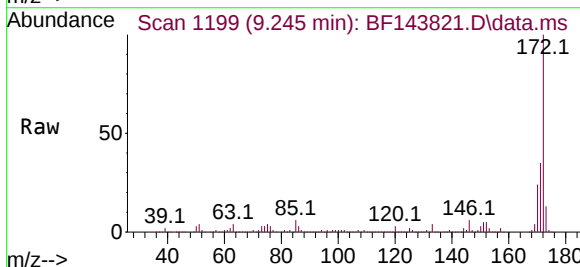
Tgt Ion:172 Resp: 1902938

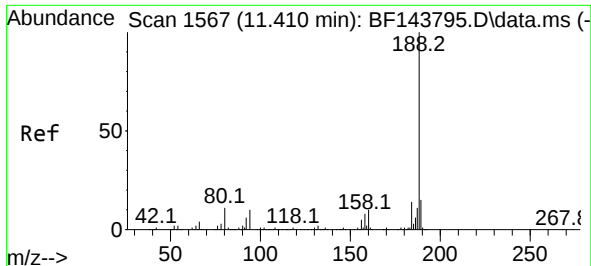
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 24.0 19.1 28.7

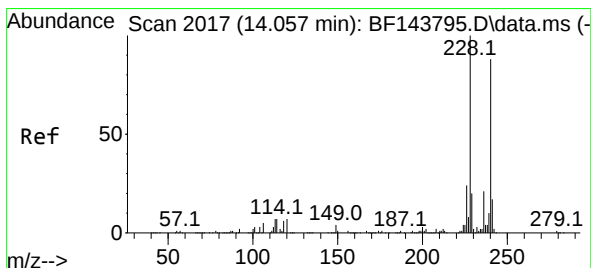
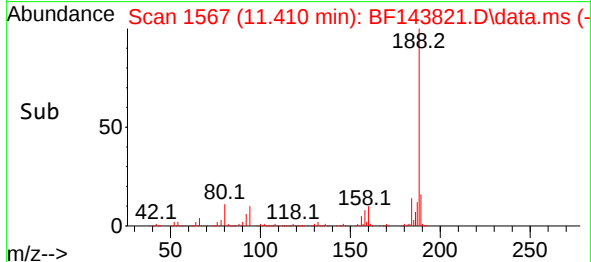
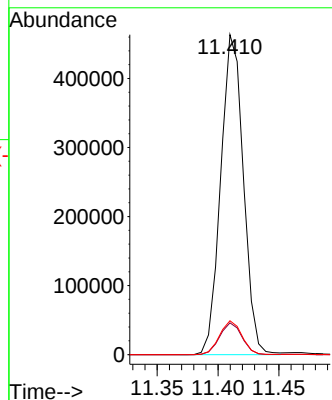
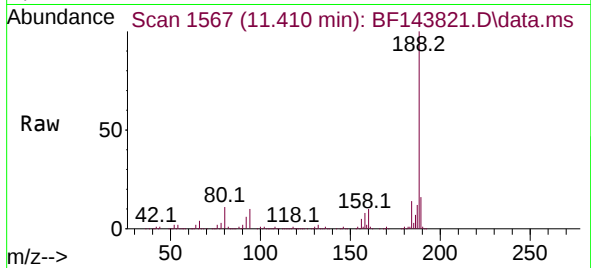




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

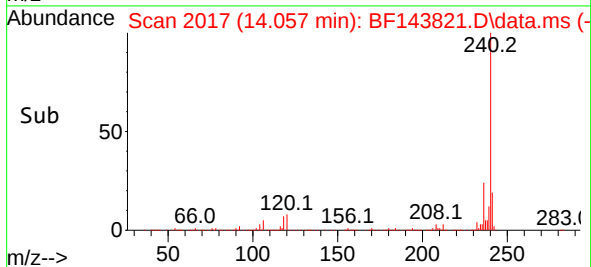
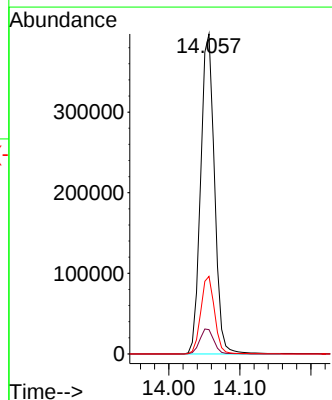
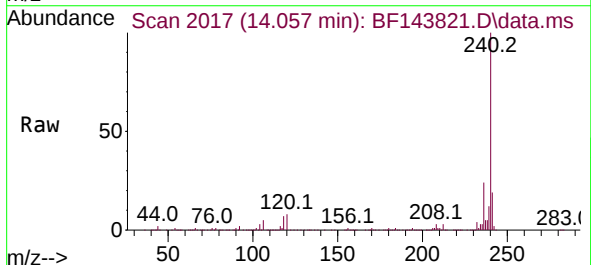
Instrument :
BNA_F
ClientSampleId :
PB169890BL

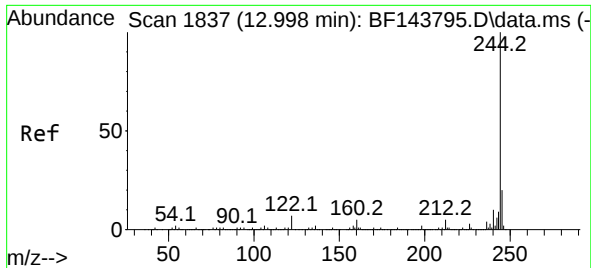
Tgt Ion:188 Resp: 599933
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion:240 Resp: 534791
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.3 19.4 29.2

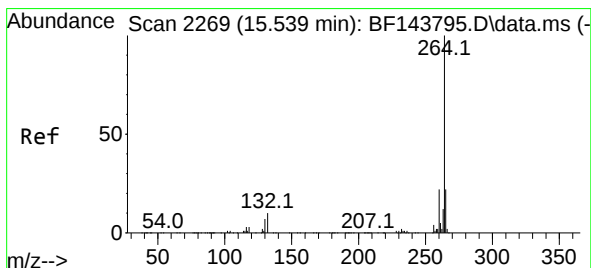
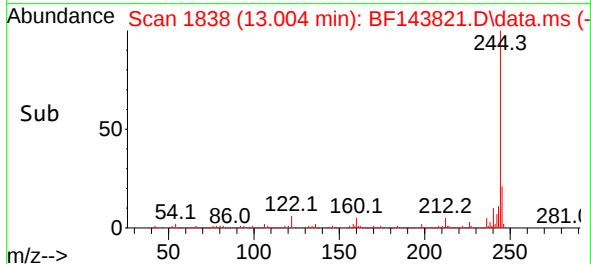
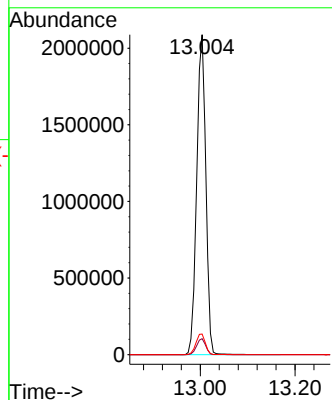
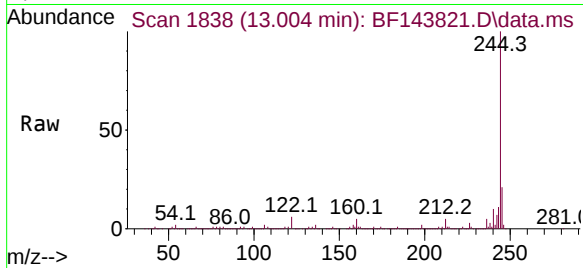




#79
 Terphenyl-d14
 Concen: 106.124 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF143821.D
 Acq: 29 Sep 2025 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB169890BL

Tgt Ion:244 Resp: 2790617
 Ion Ratio Lower Upper
 244 100
 212 5.0 3.9 5.9
 122 6.4 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: BF143821.D
 Acq: 29 Sep 2025 14:42

Tgt Ion:264 Resp: 568781
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.9 26.9
 265 22.7 17.7 26.5

