

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143837.D
 Acq On : 30 Sep 2025 17:06
 Operator : RC/JU
 Sample : Q3177-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-02

Quant Time: Sep 30 17:27:52 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	6.881	152	142531	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	544465	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	300805	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	522676	20.000	ng	0.00
76) Chrysene-d12	14.051	240	517798	20.000	ng	-0.01
86) Perylene-d12	15.533	264	569467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	541213	61.692	ng	0.00
7) Phenol-d6	6.498	99	417174	41.156	ng	-0.01
23) Nitrobenzene-d5	7.445	82	835720	93.956	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	610367	137.041	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1673851	86.835	ng	0.00
79) Terphenyl-d14	13.004	244	2676610	105.129	ng	0.00

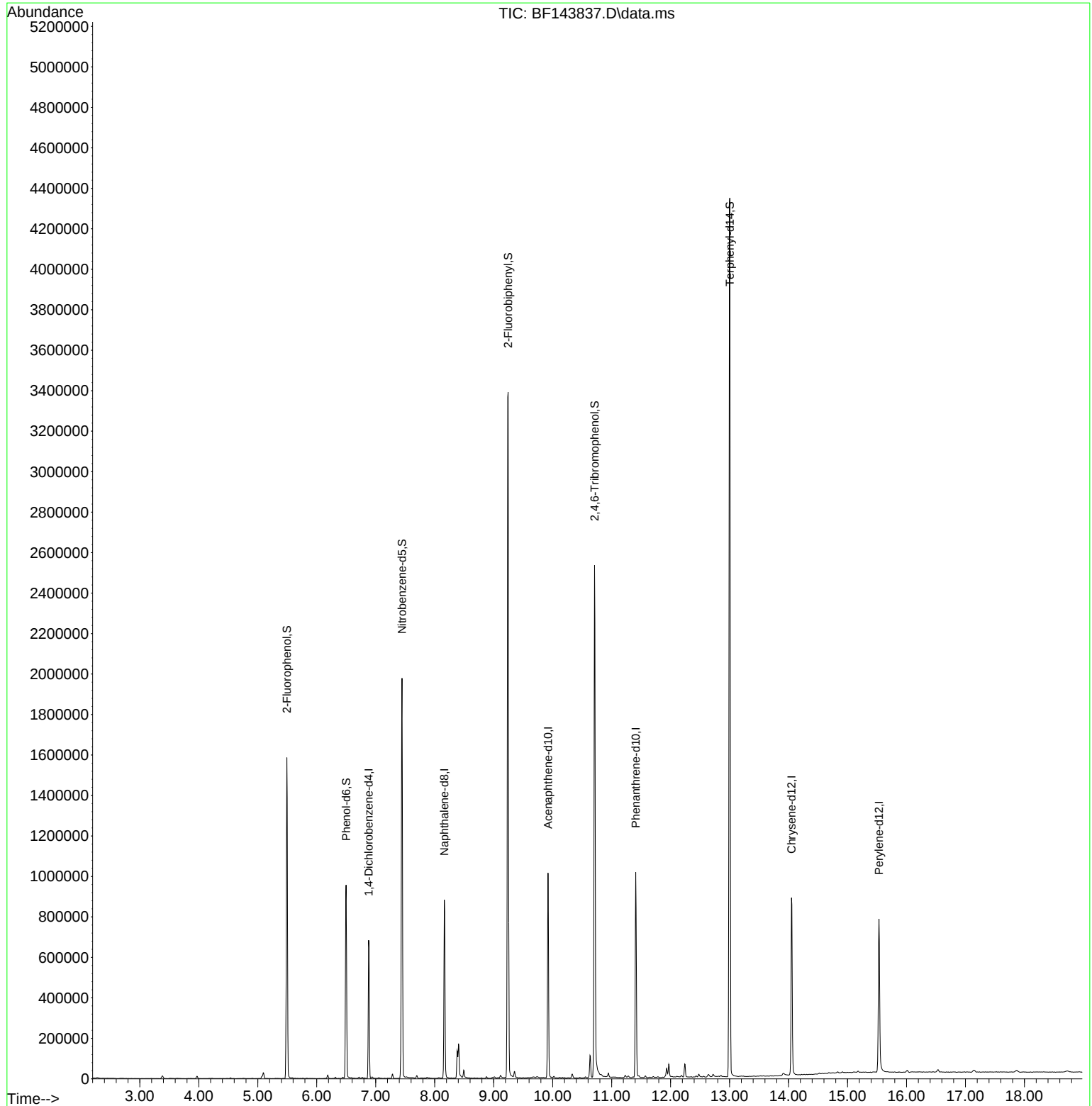
Target Compounds	Qvalue

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

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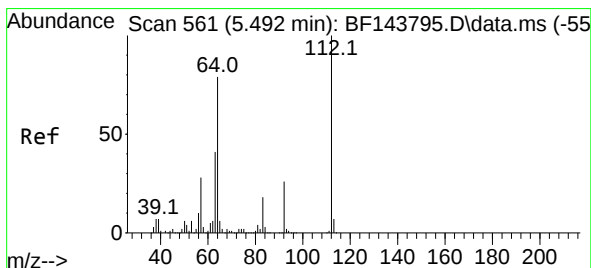
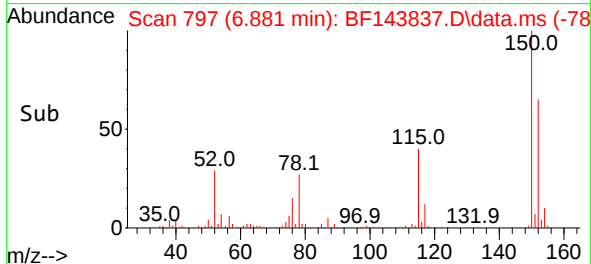
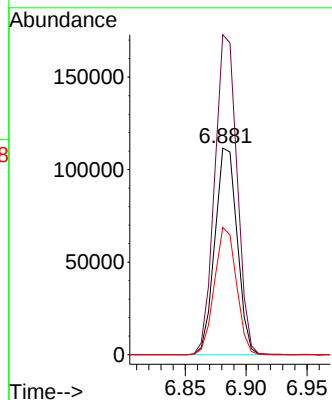
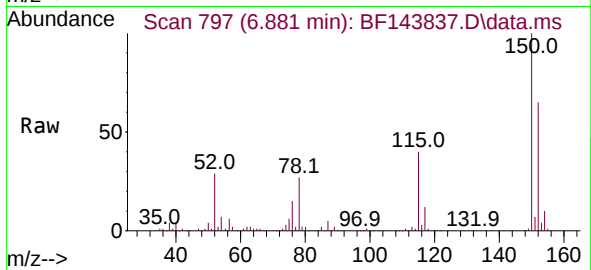




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF143837.D
 Acq: 30 Sep 2025 17:06

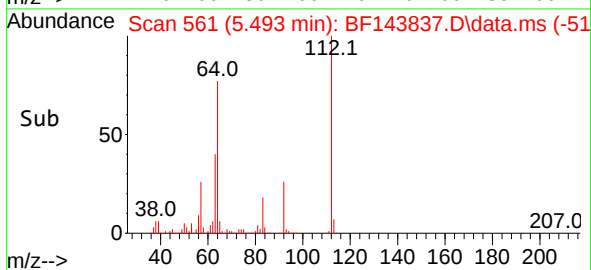
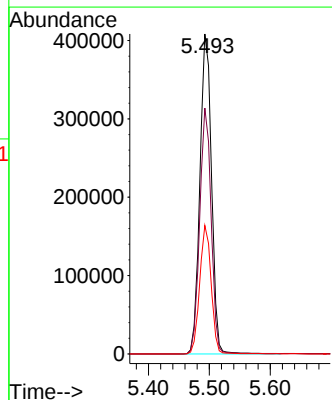
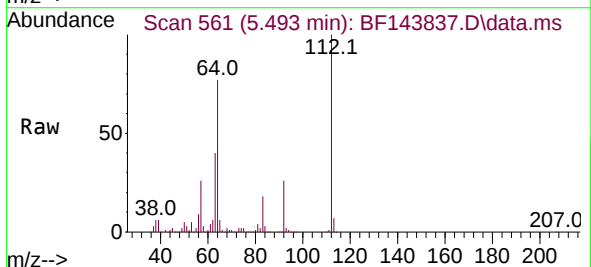
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-02

Tgt Ion:152 Resp: 142531
 Ion Ratio Lower Upper
 152 100
 150 154.9 129.6 194.4
 115 61.5 49.0 73.4



#5
 2-Fluorophenol
 Concen: 61.692 ng
 RT: 5.493 min Scan# 561
 Delta R.T. -0.005 min
 Lab File: BF143837.D
 Acq: 30 Sep 2025 17:06

Tgt Ion:112 Resp: 541213
 Ion Ratio Lower Upper
 112 100
 64 76.8 63.0 94.4
 63 40.1 32.6 49.0

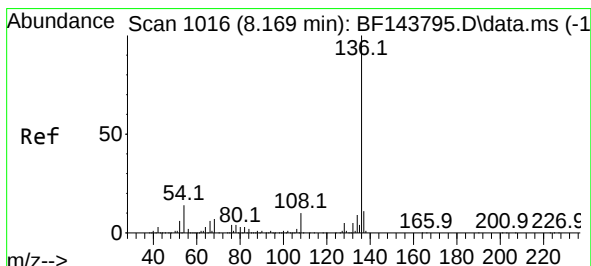
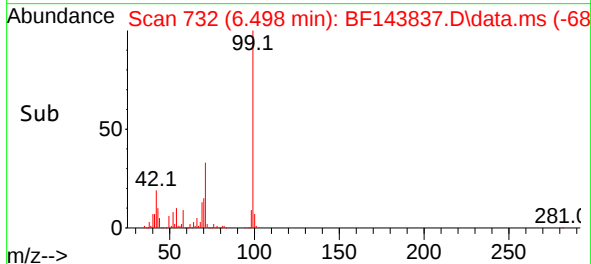
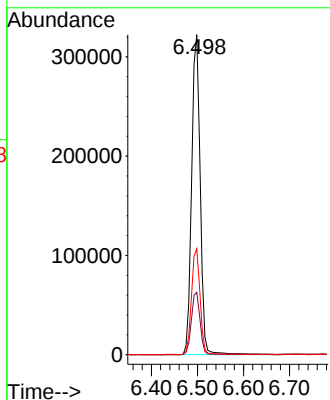
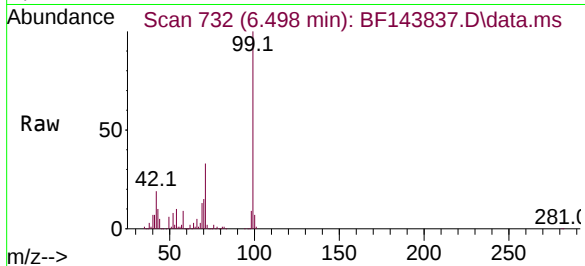




#7
Phenol-d6
Concen: 41.156 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143837.D
Acq: 30 Sep 2025 17:06

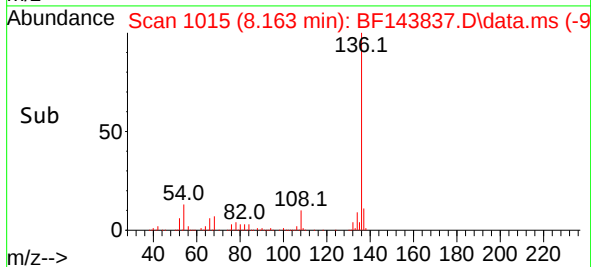
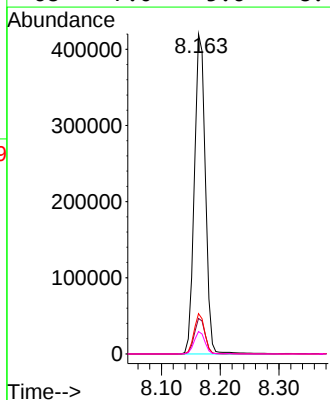
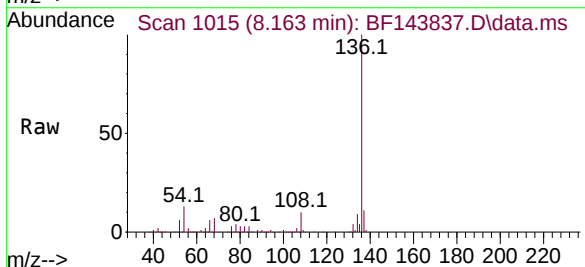
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

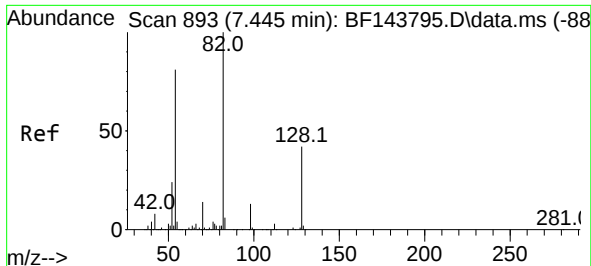
Tgt Ion: 99 Resp: 417174
Ion Ratio Lower Upper
99 100
42 19.5 18.6 28.0
71 33.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143837.D
Acq: 30 Sep 2025 17:06

Tgt Ion: 136 Resp: 544465
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 12.6 11.2 16.8
68 7.0 5.6 8.4

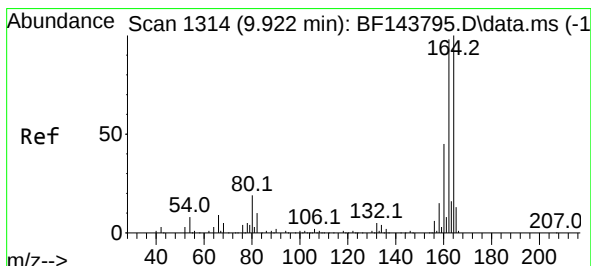
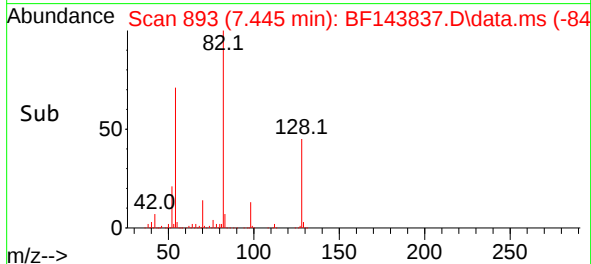
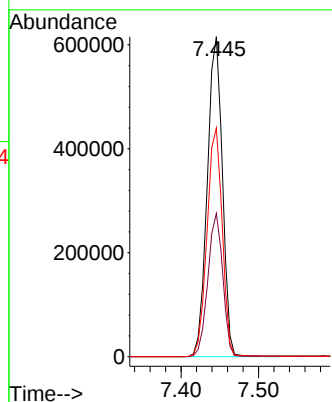
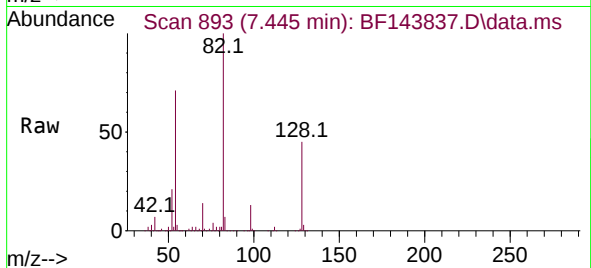




#23
Nitrobenzene-d5
Concen: 93.956 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143837.D
Acq: 30 Sep 2025 17:06

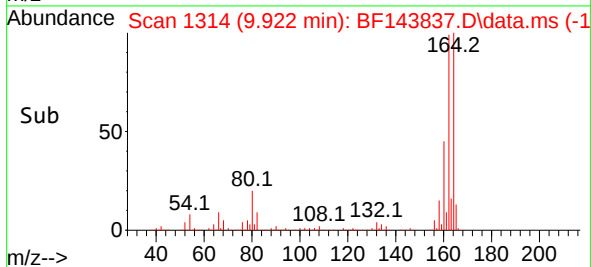
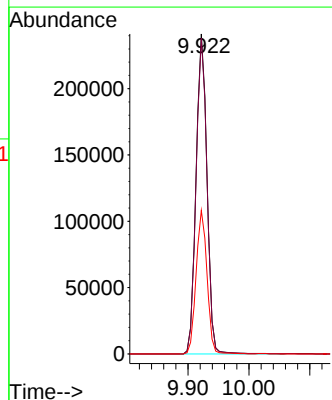
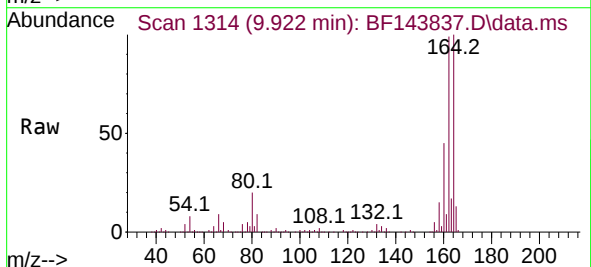
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

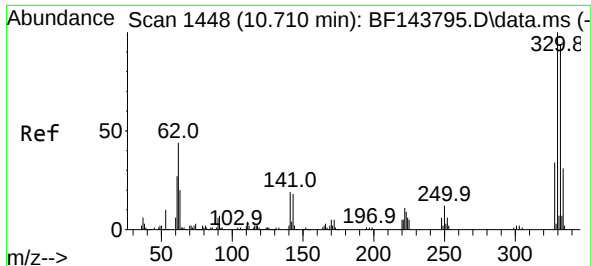
Tgt Ion: 82 Resp: 835720
Ion Ratio Lower Upper
82 100
128 44.8 33.3 49.9
54 71.4 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143837.D
Acq: 30 Sep 2025 17:06

Tgt Ion:164 Resp: 300805
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 137.041 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143837.D

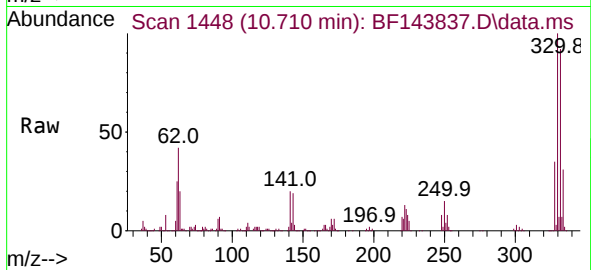
Acq: 30 Sep 2025 17:06

Instrument :

BNA_F

ClientSampleId :

EME-TS14-02



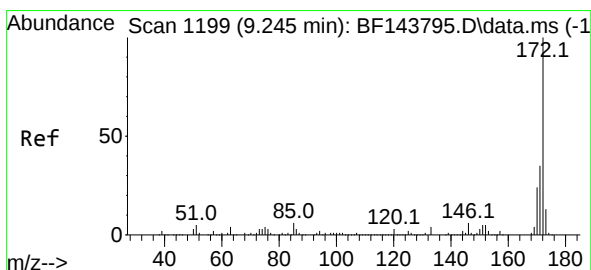
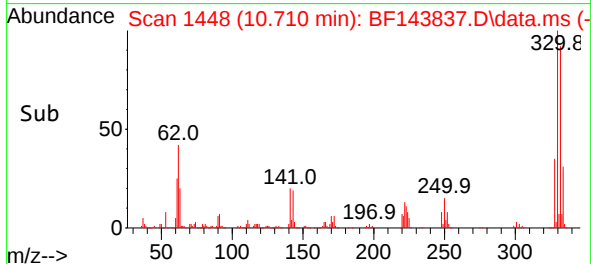
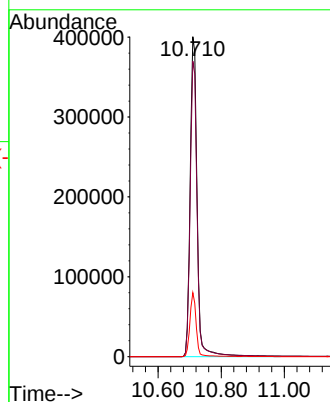
Tgt Ion:330 Resp: 610367

Ion Ratio Lower Upper

330 100

332 93.0 74.7 112.1

141 18.1 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 86.835 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143837.D

Acq: 30 Sep 2025 17:06

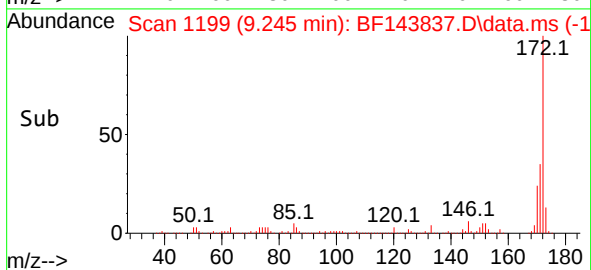
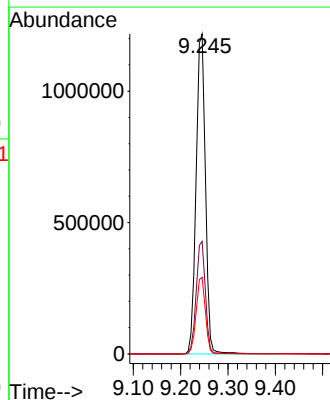
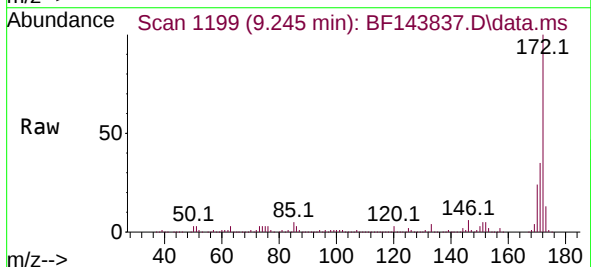
Tgt Ion:172 Resp: 1673851

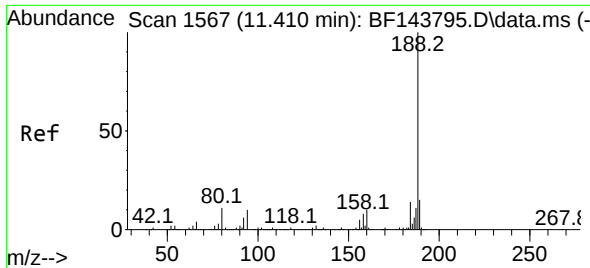
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 24.0 19.1 28.7

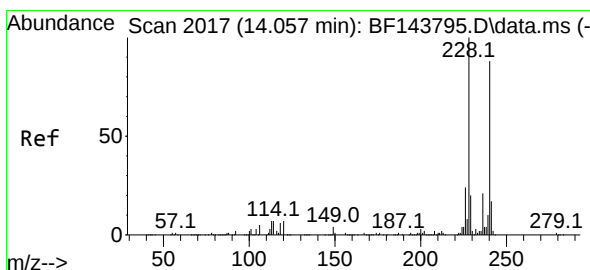
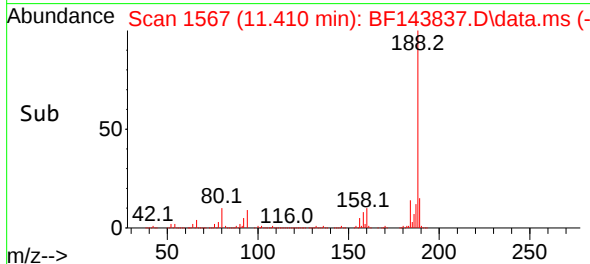
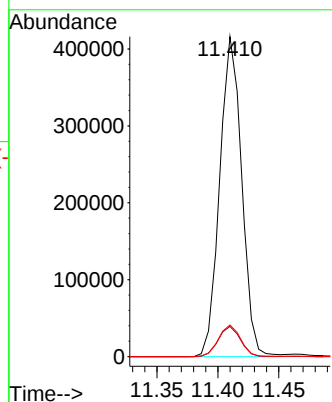
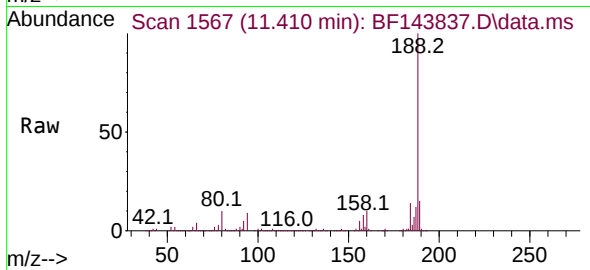




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143837.D
Acq: 30 Sep 2025 17:06

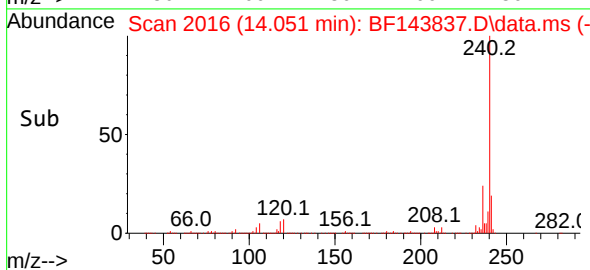
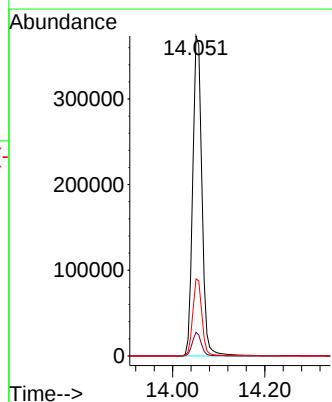
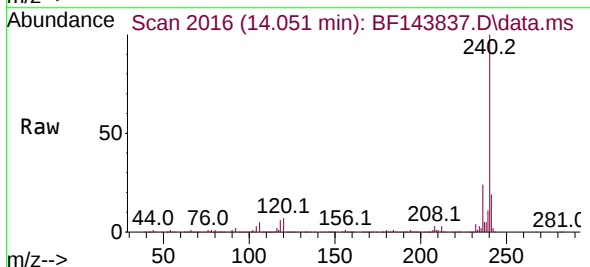
Instrument :
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EME-TS14-02

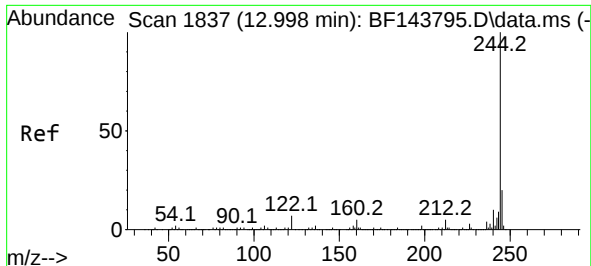
Tgt Ion:188	Resp: 522676
Ion Ratio	Lower Upper
188	100
94	9.4 8.2 12.2
80	9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143837.D
Acq: 30 Sep 2025 17:06

Tgt Ion:240	Resp: 517798
Ion Ratio	Lower Upper
240	100
120	7.4 6.2 9.4
236	24.1 19.4 29.2

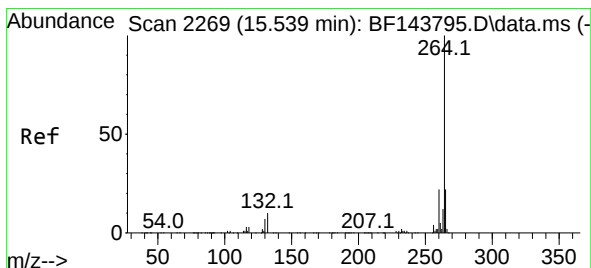
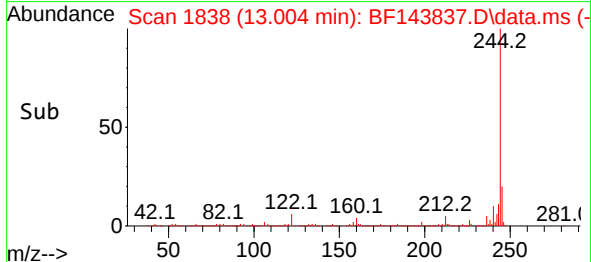
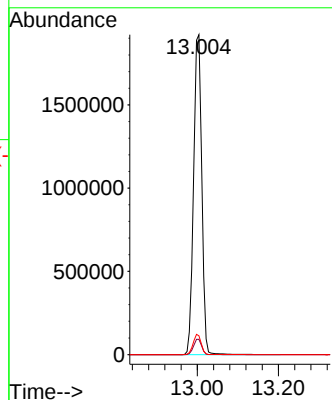
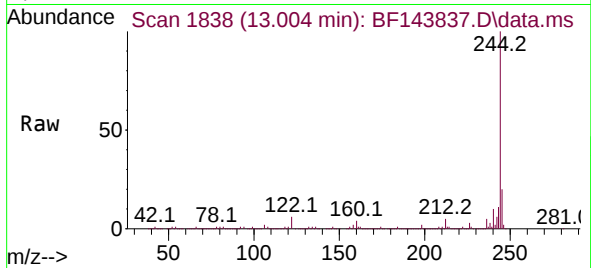




#79
 Terphenyl-d14
 Concen: 105.129 ng
 RT: 13.004 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF143837.D
 Acq: 30 Sep 2025 17:06

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2676610
 Ion Ratio Lower Upper
 244 100
 212 4.8 3.9 5.9
 122 5.9 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: BF143837.D
 Acq: 30 Sep 2025 17:06

Tgt Ion:264 Resp: 569467
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.9 26.9
 265 22.7 17.7 26.5

