

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143838.D
 Acq On : 30 Sep 2025 17:36
 Operator : RC/JU
 Sample : Q3179-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01

Quant Time: Sep 30 17:58:19 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	143060	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	546052	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	302570	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	531398	20.000	ng	0.00
76) Chrysene-d12	14.057	240	566979	20.000	ng	0.00
86) Perylene-d12	15.533	264	571887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	513443	58.311	ng	0.00
7) Phenol-d6	6.498	99	391015	38.433	ng	-0.01
23) Nitrobenzene-d5	7.446	82	827470	92.758	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	621128	138.644	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1660843	85.657	ng	0.00
79) Terphenyl-d14	13.004	244	2769182	99.330	ng	0.00

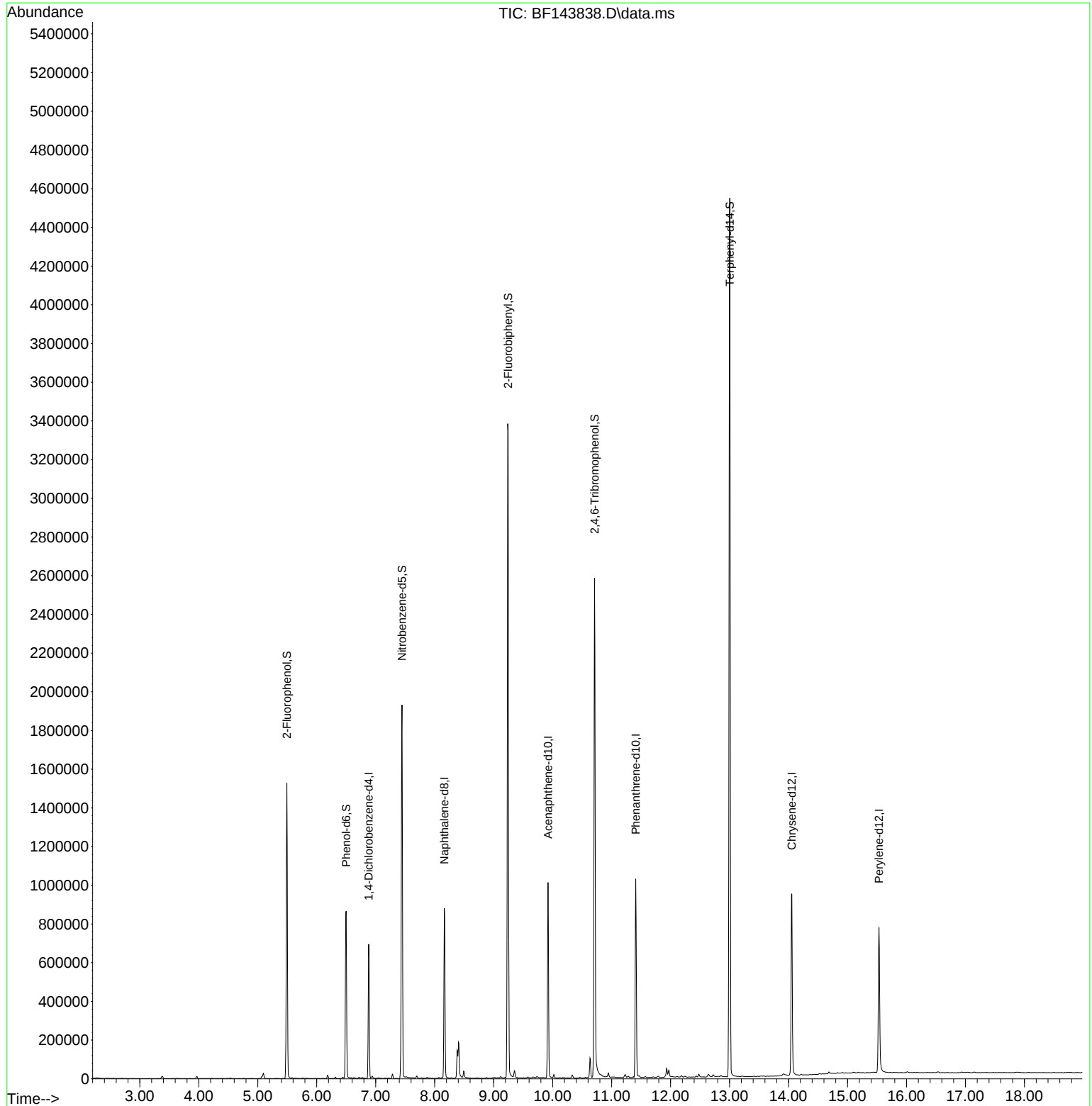
Target Compounds	Qvalue

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

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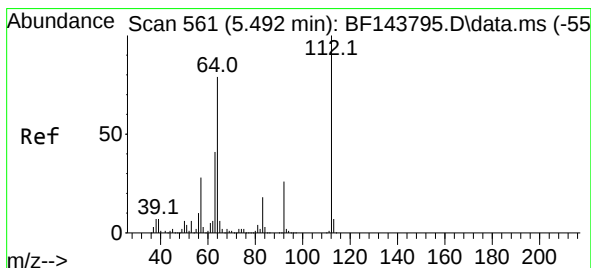
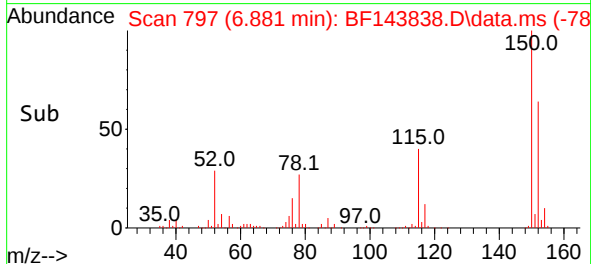
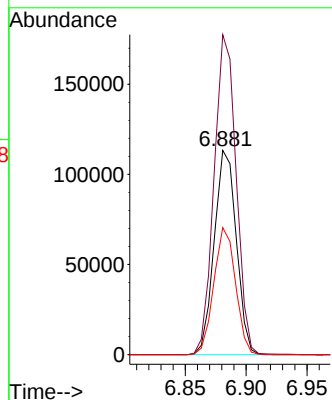
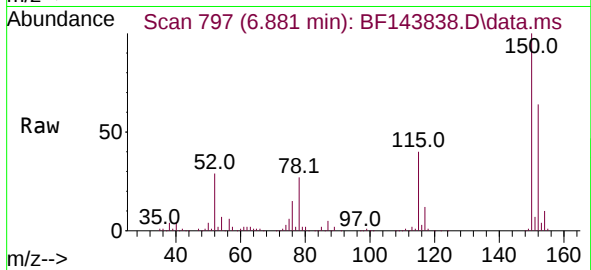




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

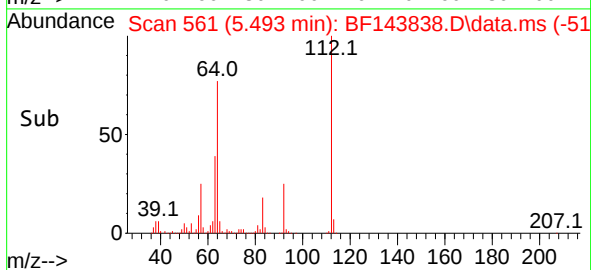
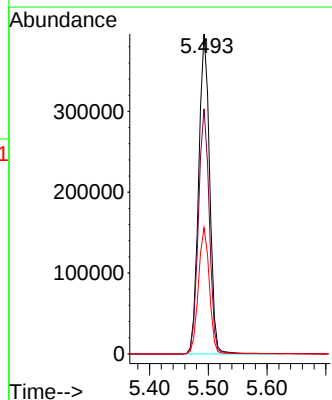
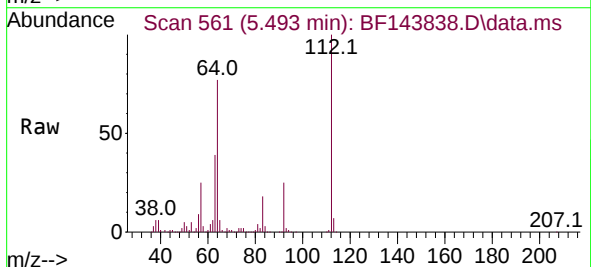
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

Tgt Ion:152 Resp: 143060
Ion Ratio Lower Upper
152 100
150 156.7 129.6 194.4
115 62.1 49.0 73.4



#5
2-Fluorophenol
Concen: 58.311 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Tgt Ion:112 Resp: 513443
Ion Ratio Lower Upper
112 100
64 76.6 63.0 94.4
63 39.5 32.6 49.0

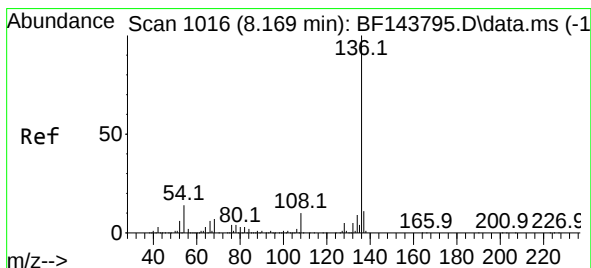
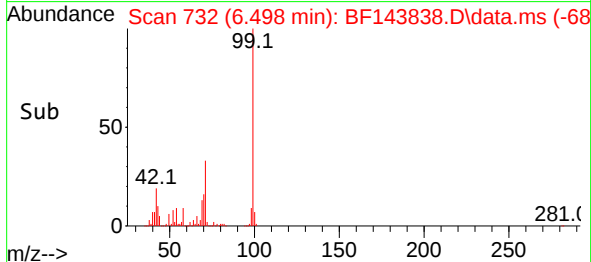
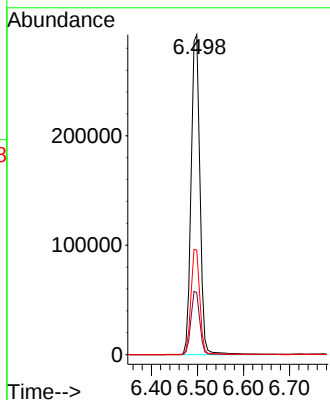
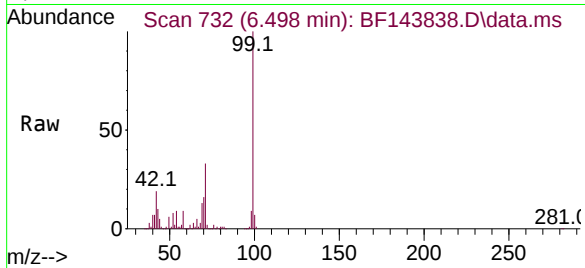




#7
Phenol-d6
Concen: 38.433 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.011 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

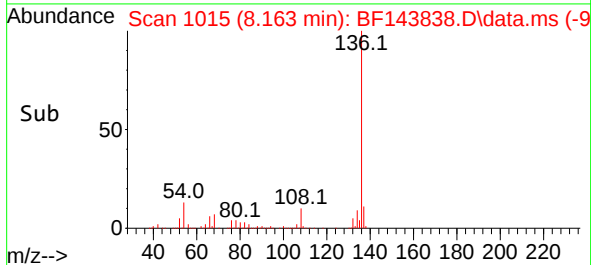
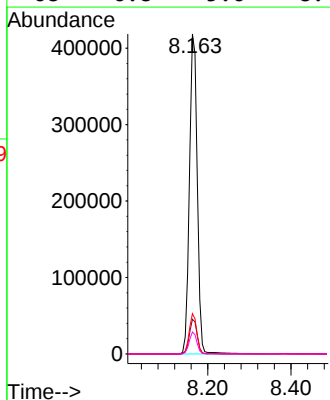
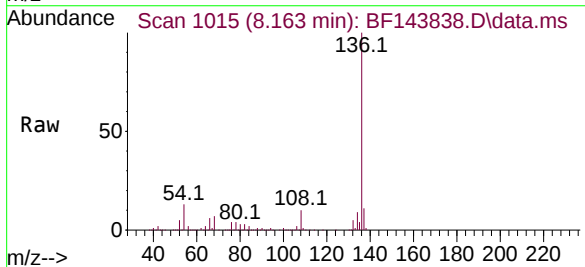
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

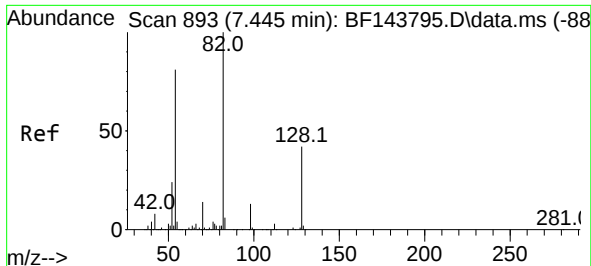
Tgt Ion: 99 Resp: 391015
Ion Ratio Lower Upper
99 100
42 19.4 18.6 28.0
71 32.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Tgt Ion: 136 Resp: 546052
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 12.6 11.2 16.8
68 6.8 5.6 8.4

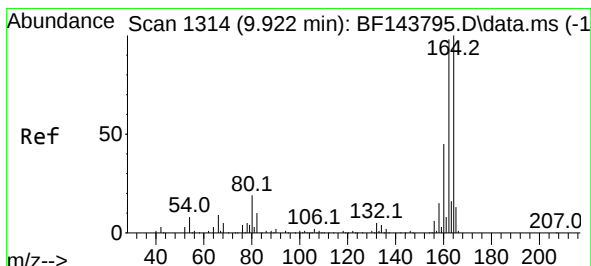
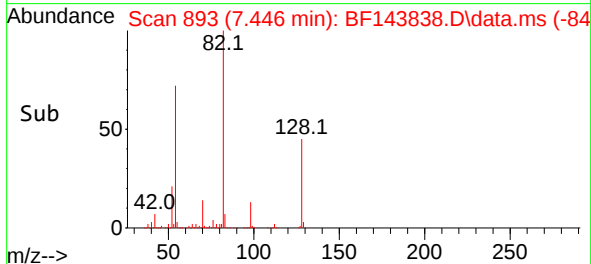
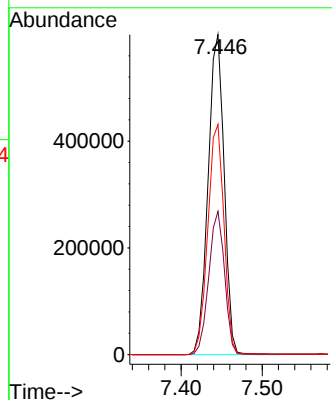
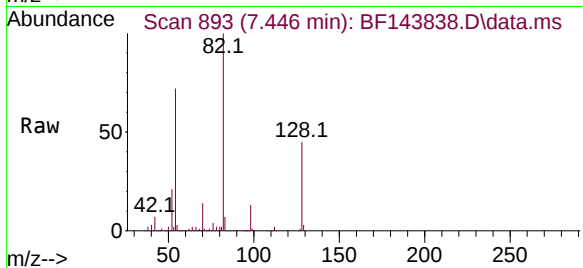




#23
Nitrobenzene-d5
Concen: 92.758 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

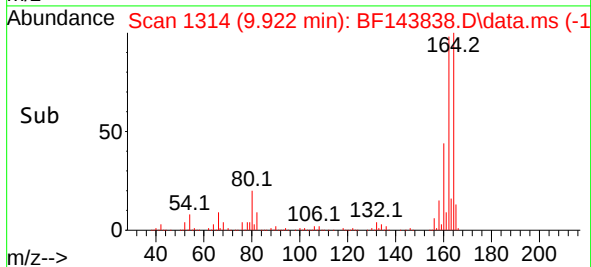
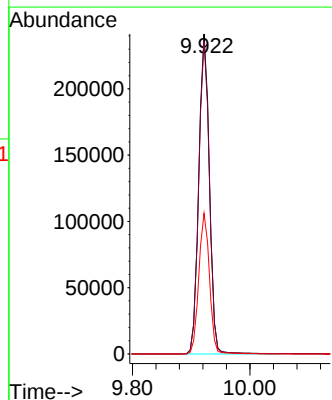
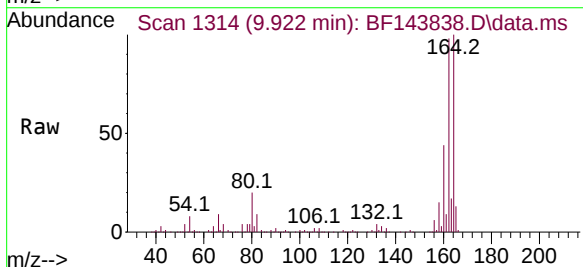
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

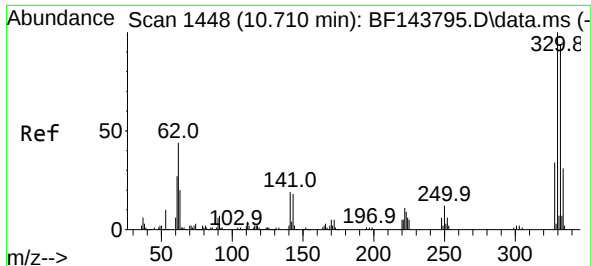
Tgt Ion: 82 Resp: 827470
Ion Ratio Lower Upper
82 100
128 44.8 33.3 49.9
54 71.9 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Tgt Ion:164 Resp: 302570
Ion Ratio Lower Upper
164 100
162 97.7 78.8 118.2
160 43.9 35.8 53.6

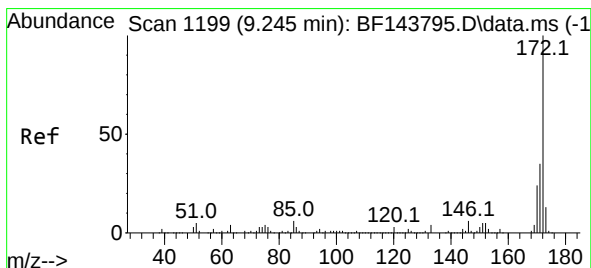
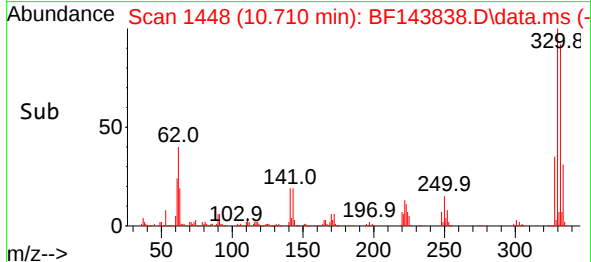
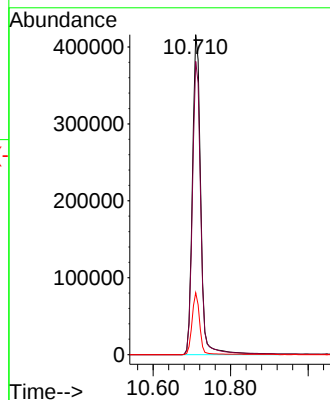
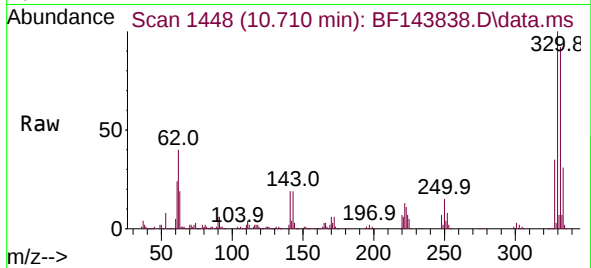




#42
2,4,6-Tribromophenol
Concen: 138.644 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

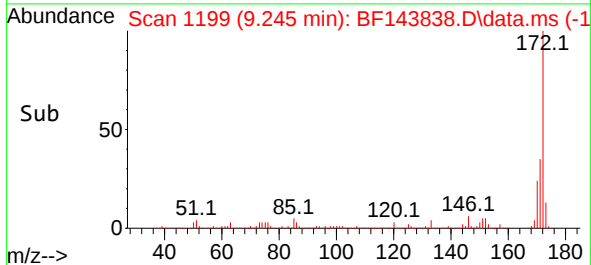
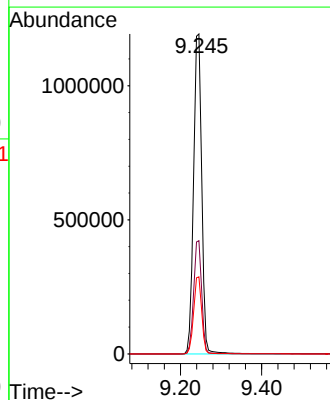
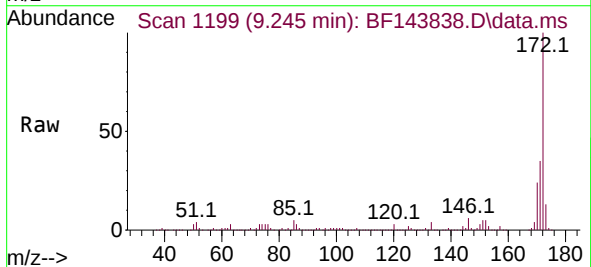
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

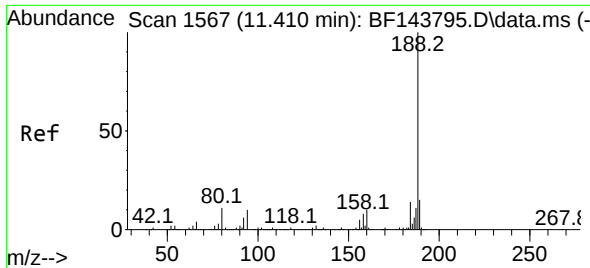
Tgt Ion:330 Resp: 621128
Ion Ratio Lower Upper
330 100
332 92.1 74.7 112.1
141 17.7 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 85.657 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Tgt Ion:172 Resp: 1660843
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.1 19.1 28.7

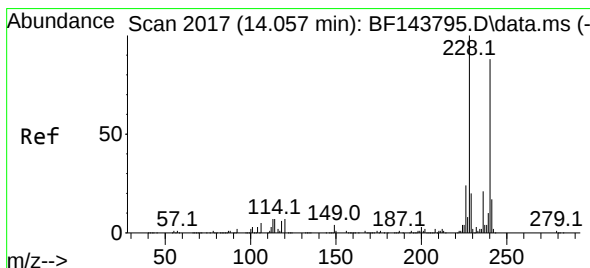
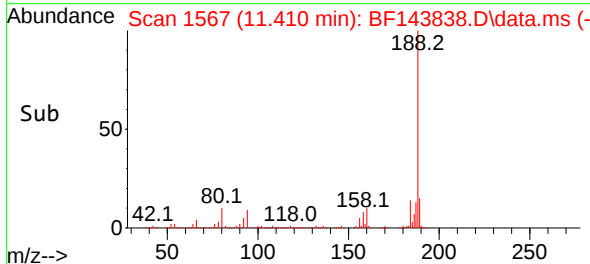
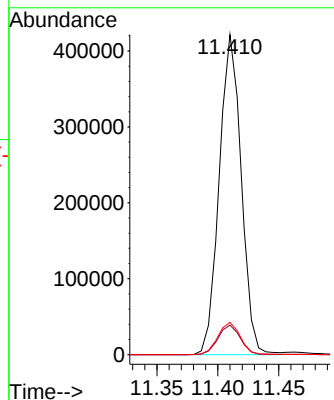
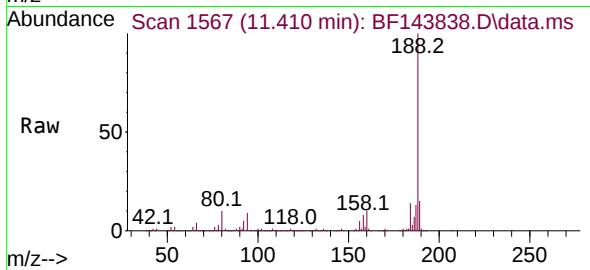




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

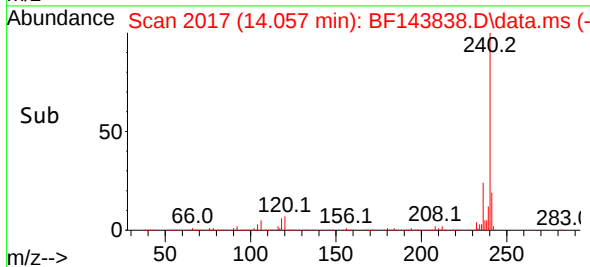
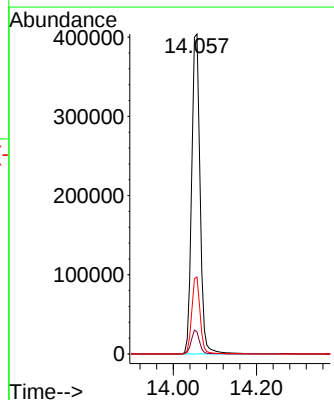
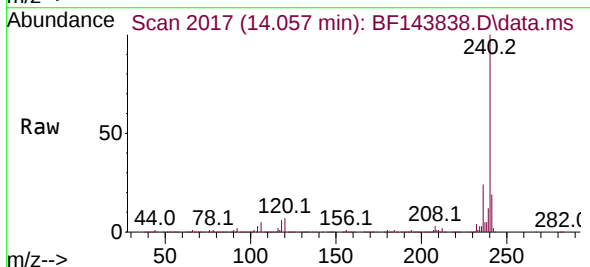
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

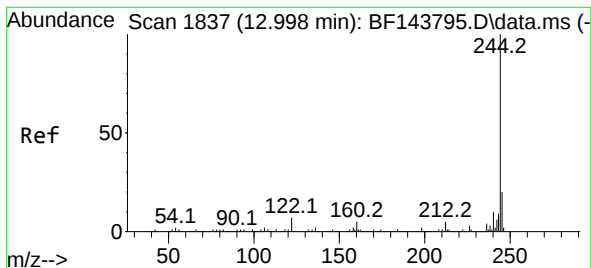
Tgt Ion:188 Resp: 531398
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Tgt Ion:240 Resp: 566979
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.4
236 24.0 19.4 29.2





#79

Terphenyl-d14

Concen: 99.330 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF143838.D

Acq: 30 Sep 2025 17:36

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01

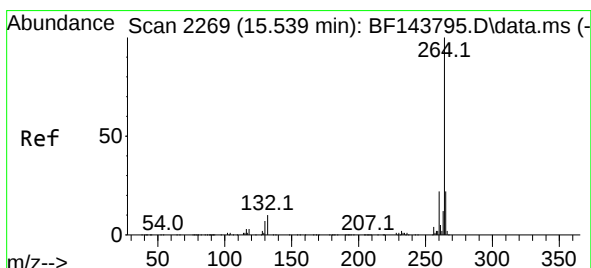
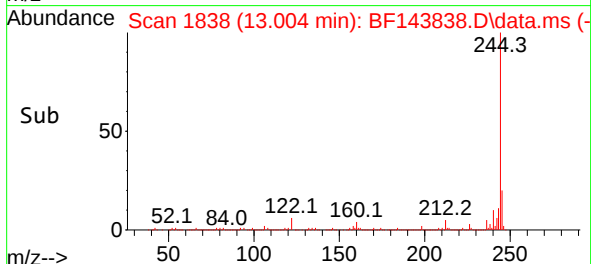
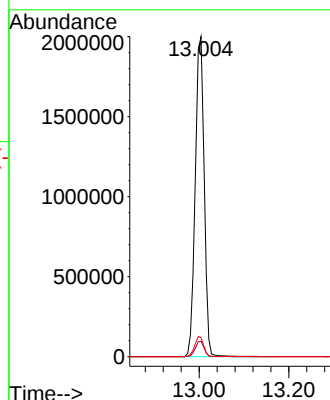
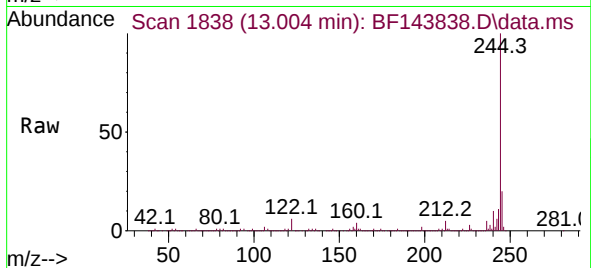
Tgt Ion:244 Resp: 2769182

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: BF143838.D

Acq: 30 Sep 2025 17:36

Tgt Ion:264 Resp: 571887

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 22.6 17.7 26.5

