

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143816.D
 Acq On : 25 Sep 2025 21:21
 Operator : RC/JU
 Sample : Q3178-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01

Quant Time: Sep 25 23:25:48 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	191341	40.000	ng	0.00
21) Naphthalene-d8	8.169	136	623340	40.000	ng	0.00
39) Acenaphthene-d10	9.922	164	300615	40.000	ng	0.00
64) Phenanthrene-d10	11.410	188	551506	40.000	ng	0.00
76) Chrysene-d12	14.057	240	873424	40.000	ng	0.00
86) Perylene-d12	15.533	264	916948	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	476690	40.476	ng	0.00
7) Phenol-d6	6.498	99	545797	40.110	ng	-0.01
23) Nitrobenzene-d5	7.439	82	312415	30.679	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	192287	43.200	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	467315	24.258	ng	0.00
79) Terphenyl-d14	12.998	244	952847	22.187	ng	0.00

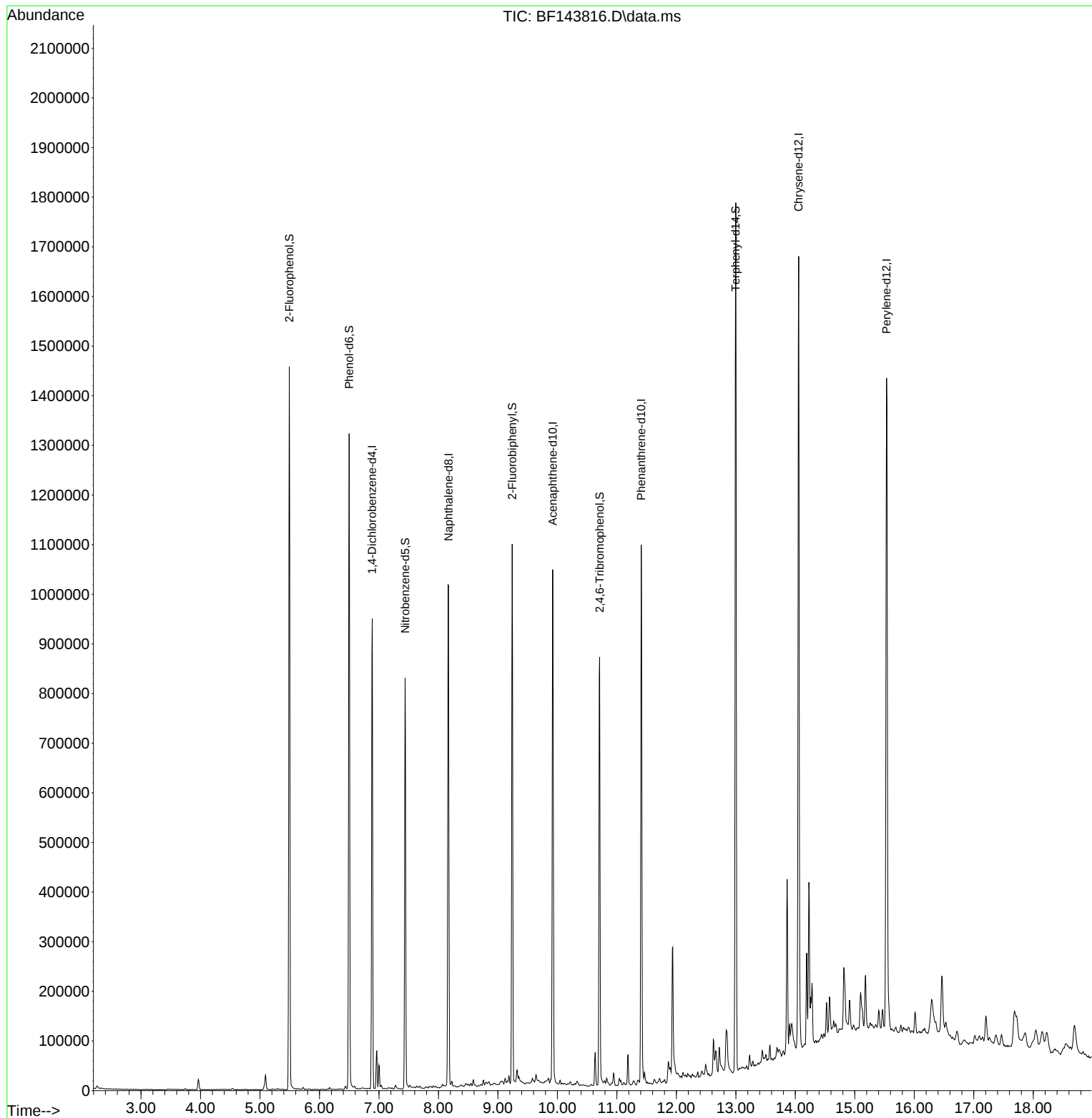
Target Compounds	Qvalue

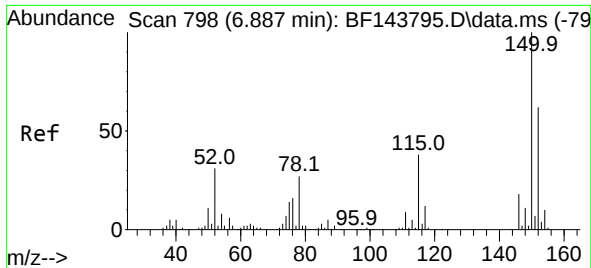
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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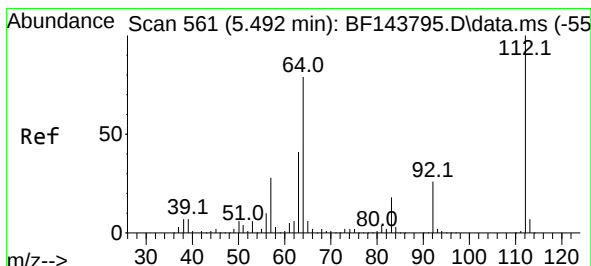
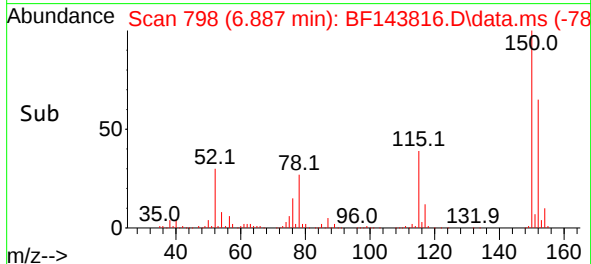
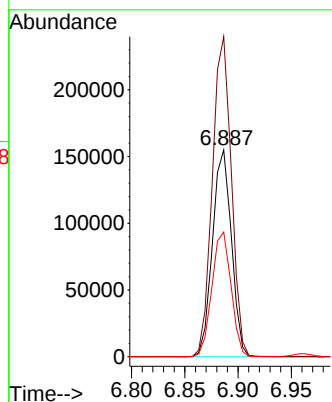
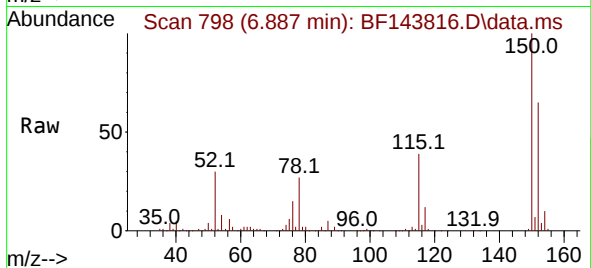




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

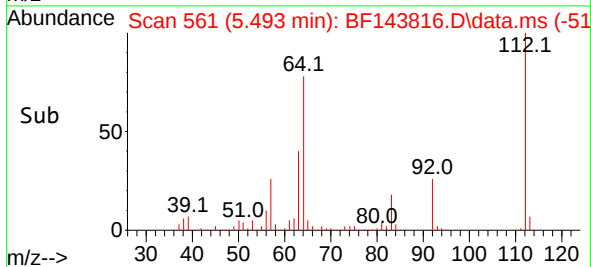
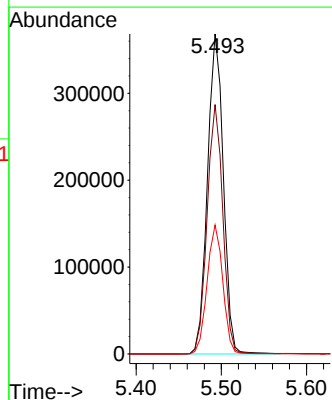
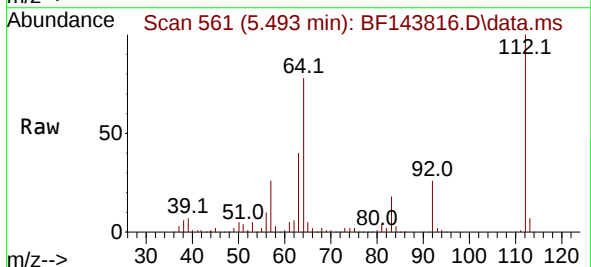
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

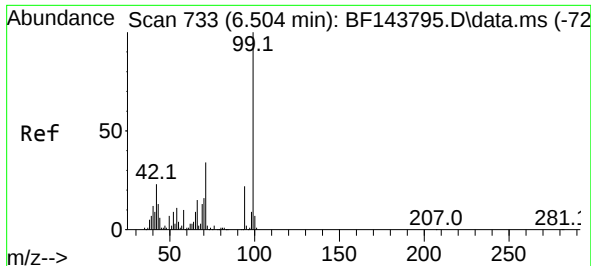
Tgt Ion:152 Resp: 191341
Ion Ratio Lower Upper
152 100
150 154.8 129.6 194.4
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 40.476 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

Tgt Ion:112 Resp: 476690
Ion Ratio Lower Upper
112 100
64 78.0 63.0 94.4
63 40.3 32.6 49.0

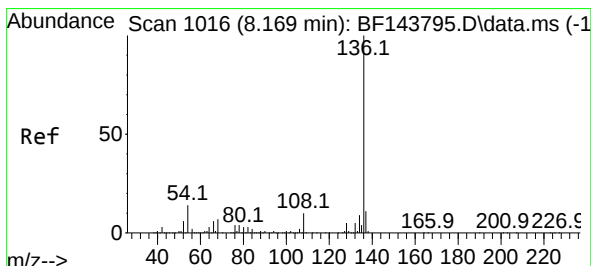
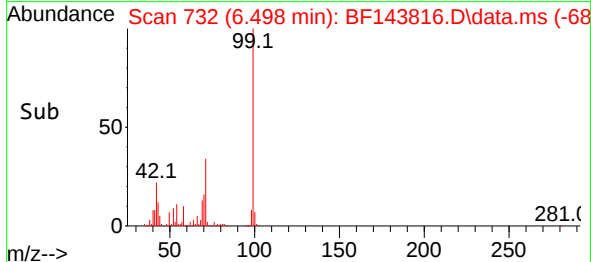
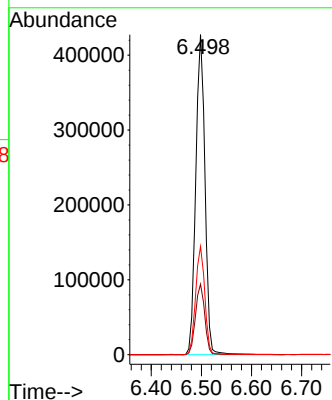
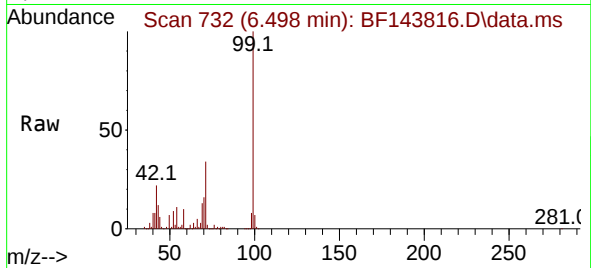




#7
Phenol-d6
Concen: 40.110 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

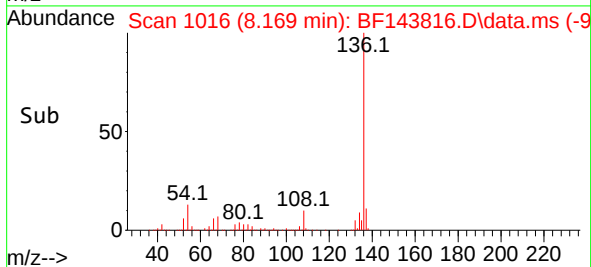
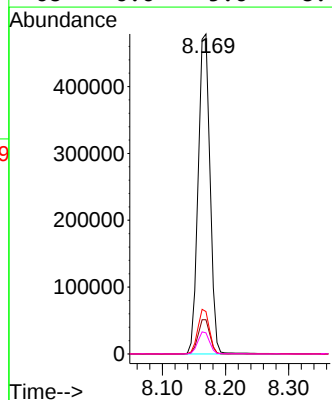
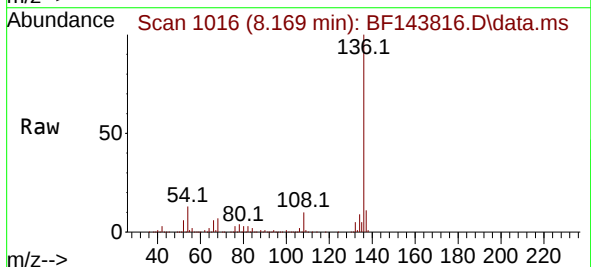
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

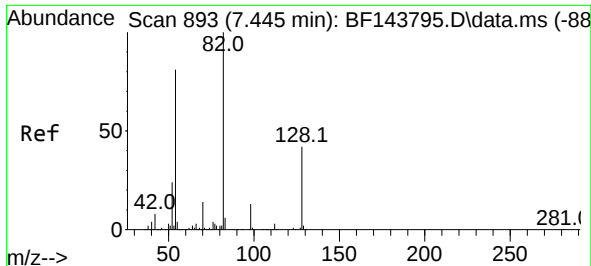
Tgt Ion: 99 Resp: 545797
Ion Ratio Lower Upper
99 100
42 22.1 18.6 28.0
71 33.8 27.0 40.4



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

Tgt Ion: 136 Resp: 623340
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 13.3 11.2 16.8
68 6.6 5.6 8.4

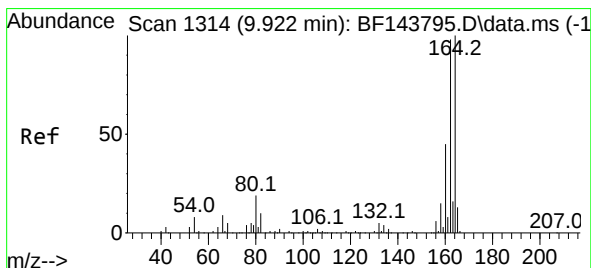
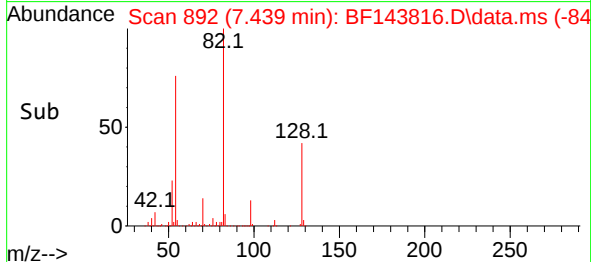
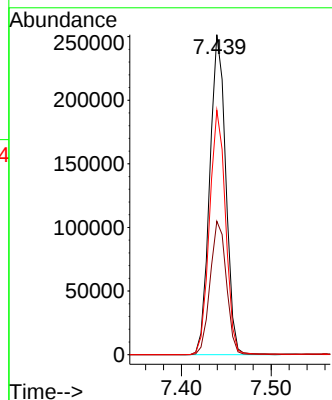
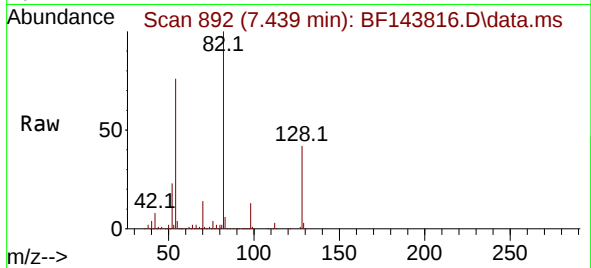




#23
Nitrobenzene-d5
Concen: 30.679 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

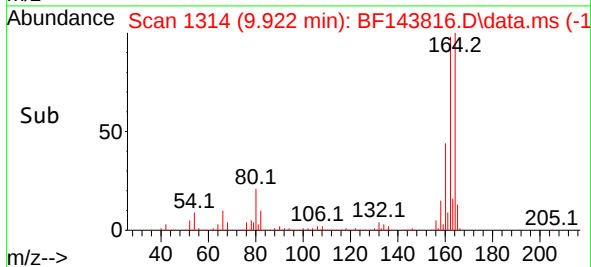
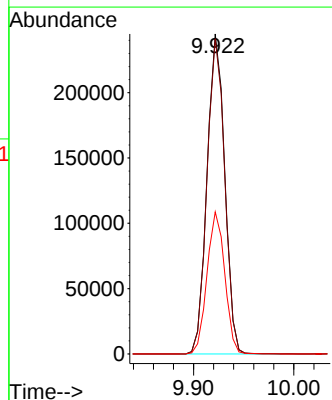
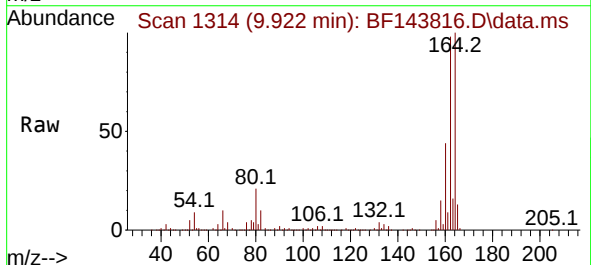
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

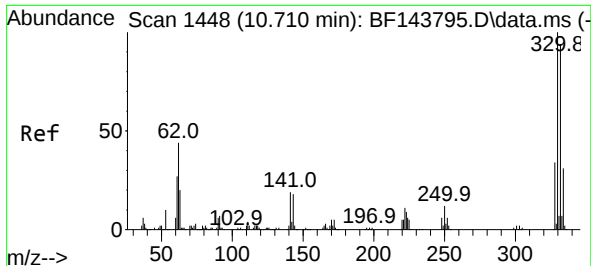
Tgt Ion: 82 Resp: 312415
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 76.4 64.2 96.4



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

Tgt Ion:164 Resp: 300615
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 43.200 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143816.D

Acq: 25 Sep 2025 21:21

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01

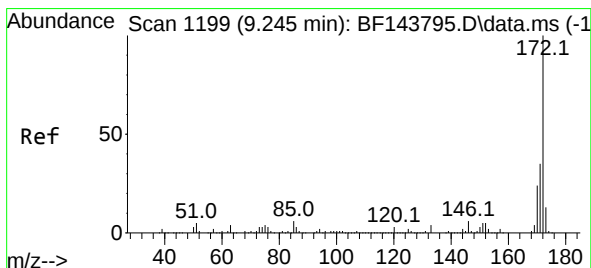
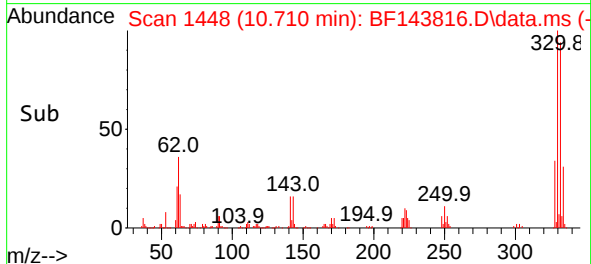
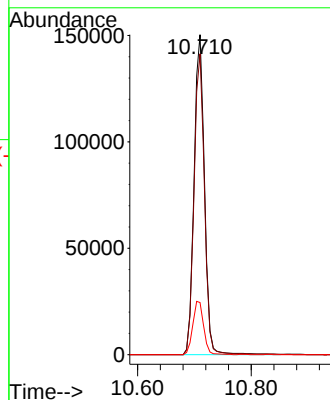
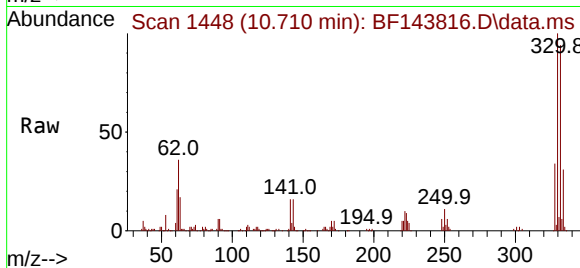
Tgt Ion:330 Resp: 192287

Ion Ratio Lower Upper

330 100

332 94.0 74.7 112.1

141 17.3 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 24.258 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143816.D

Acq: 25 Sep 2025 21:21

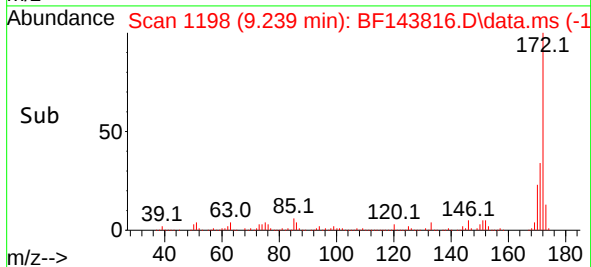
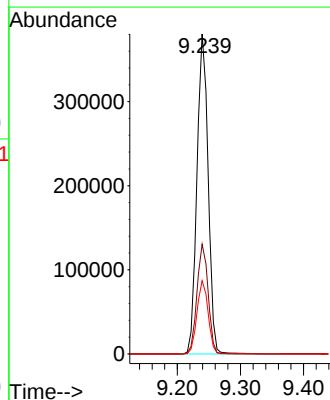
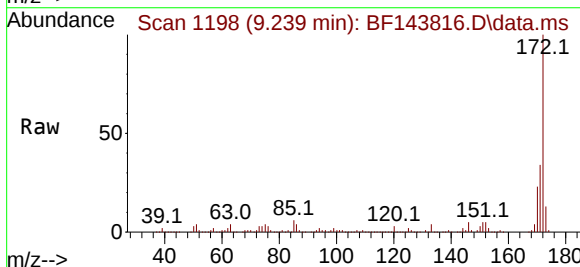
Tgt Ion:172 Resp: 467315

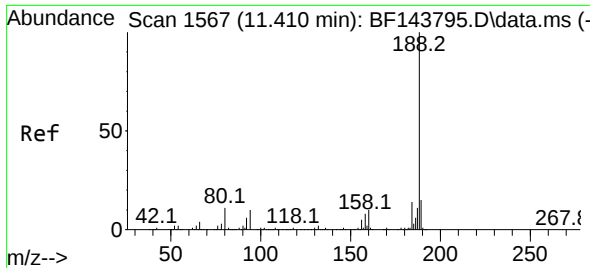
Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.9 19.1 28.7

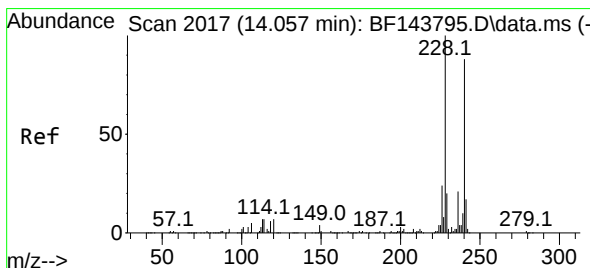
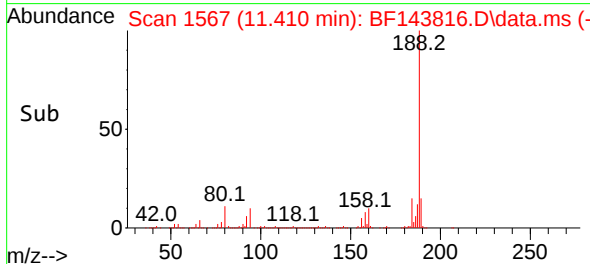
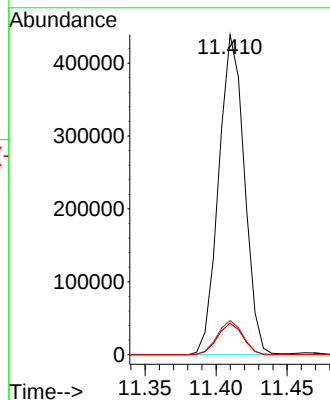
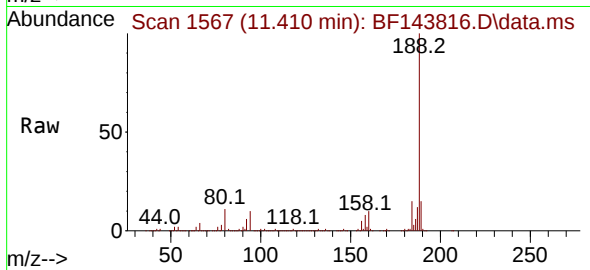




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

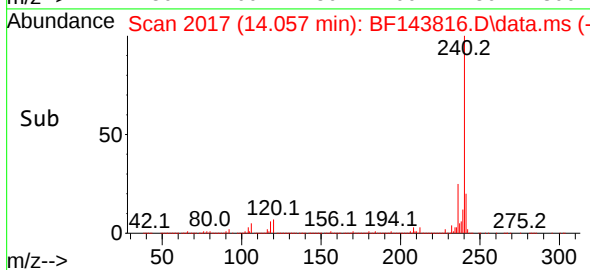
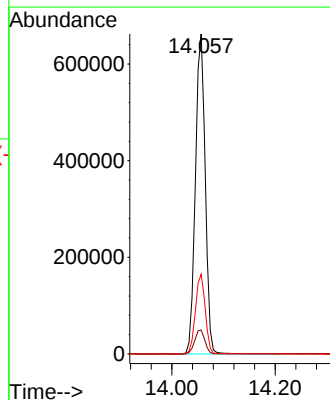
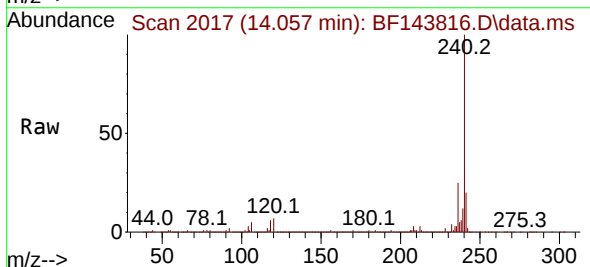
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

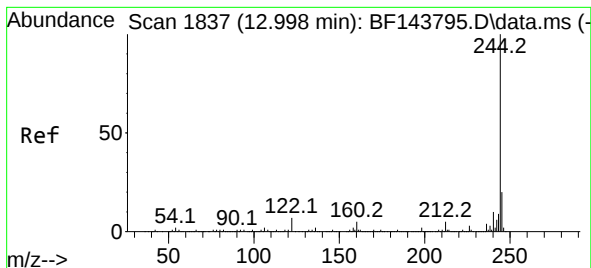
Tgt Ion:188 Resp: 551506
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 40.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143816.D
Acq: 25 Sep 2025 21:21

Tgt Ion:240 Resp: 873424
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 24.9 19.4 29.2





#79

Terphenyl-d14

Concen: 22.187 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143816.D

Acq: 25 Sep 2025 21:21

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01

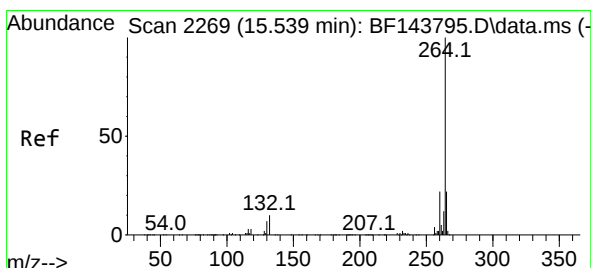
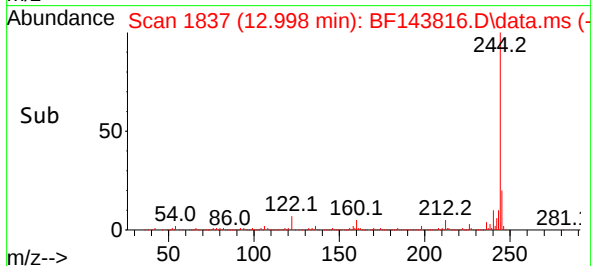
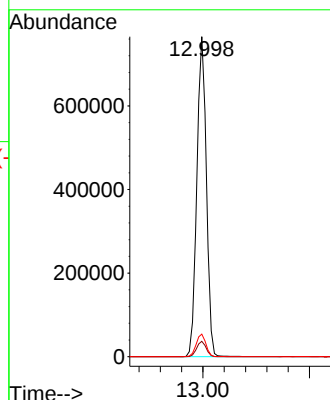
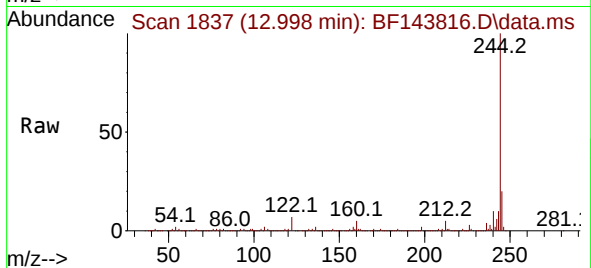
Tgt Ion:244 Resp: 952847

Ion Ratio Lower Upper

244 100

212 4.8 3.9 5.9

122 7.0 5.6 8.4



#86

Perylene-d12

Concen: 40.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143816.D

Acq: 25 Sep 2025 21:21

Tgt Ion:264 Resp: 916948

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 22.7 17.7 26.5

