

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143835.D
 Acq On : 30 Sep 2025 16:07
 Operator : RC/JU
 Sample : Q3177-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS12-01

Quant Time: Sep 30 16:28:05 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)

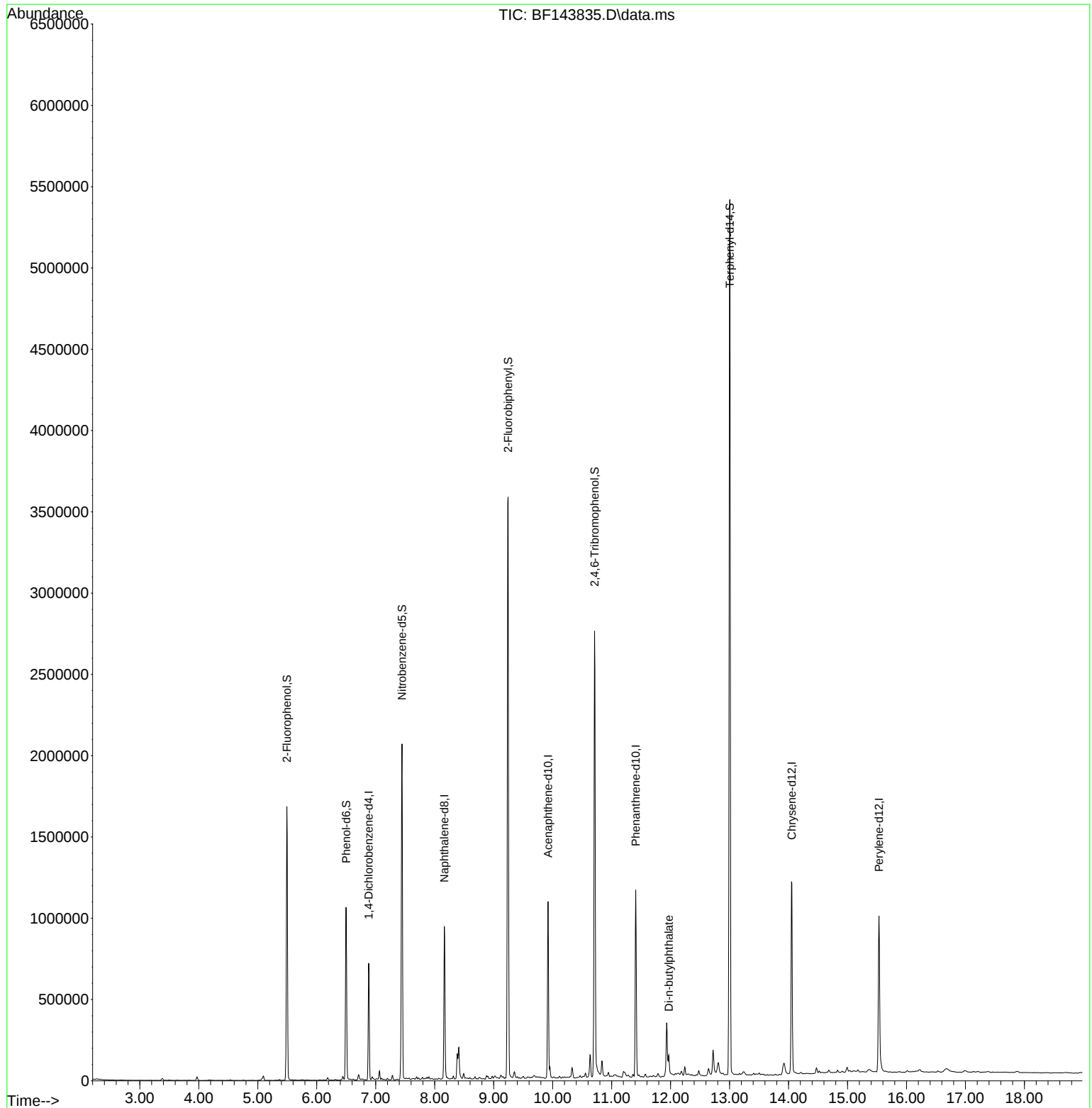
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	147604	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	574615	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	323392	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	592553	20.000	ng	0.00
76) Chrysene-d12	14.057	240	701213	20.000	ng	0.00
86) Perylene-d12	15.533	264	697844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	576514	63.458	ng	0.00
7) Phenol-d6	6.498	99	459016	43.728	ng	-0.01
23) Nitrobenzene-d5	7.445	82	882260	93.984	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	649802	135.705	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1774262	85.615	ng	0.00
79) Terphenyl-d14	13.004	244	3196053	92.696	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.969	149	74821	2.438	ng	Qvalue 100

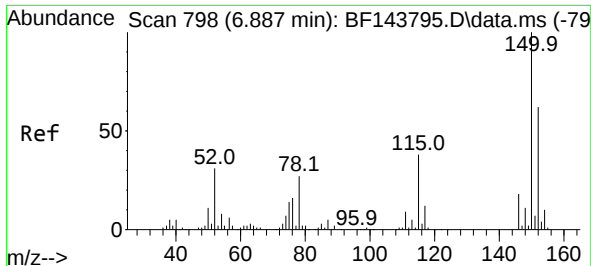
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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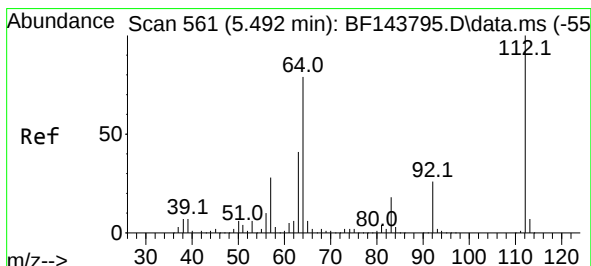
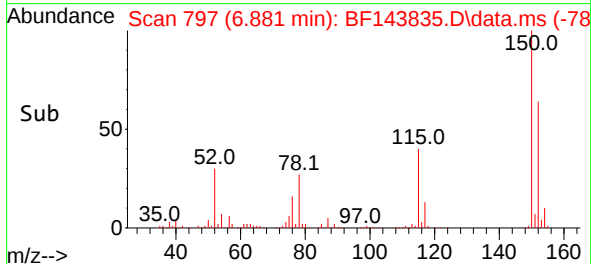
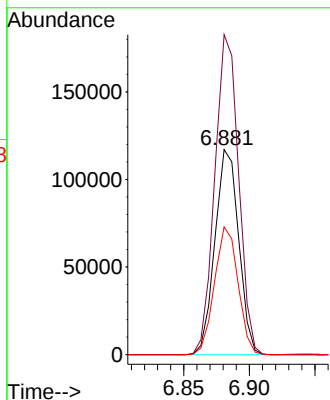
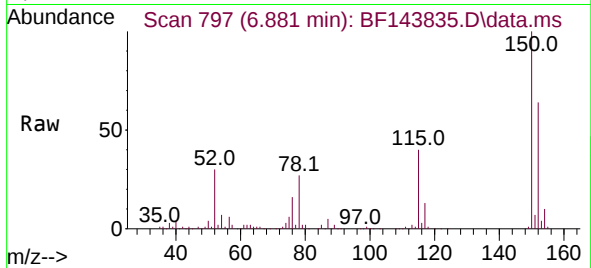




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

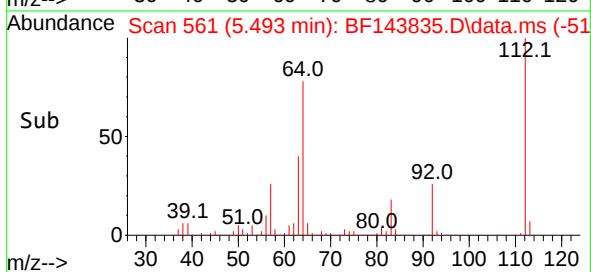
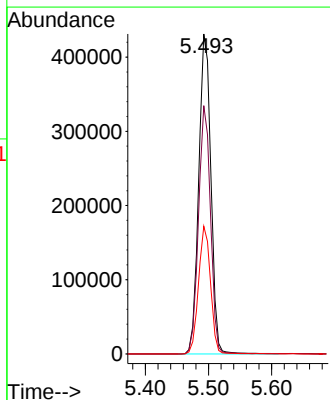
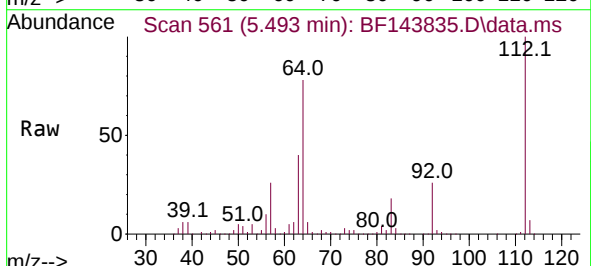
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

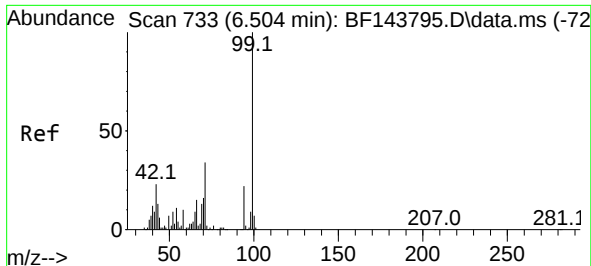
Tgt Ion:152 Resp: 147604
Ion Ratio Lower Upper
152 100
150 156.1 129.6 194.4
115 62.4 49.0 73.4



#5
2-Fluorophenol
Concen: 63.458 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Tgt Ion:112 Resp: 576514
Ion Ratio Lower Upper
112 100
64 77.6 63.0 94.4
63 39.9 32.6 49.0

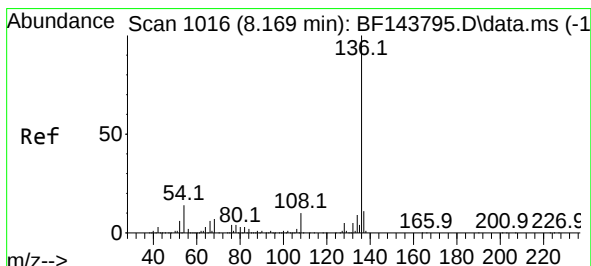
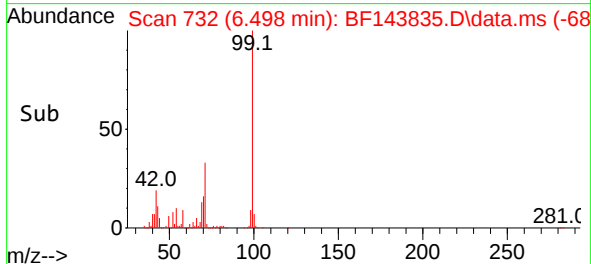
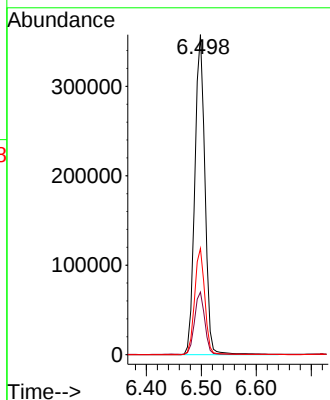
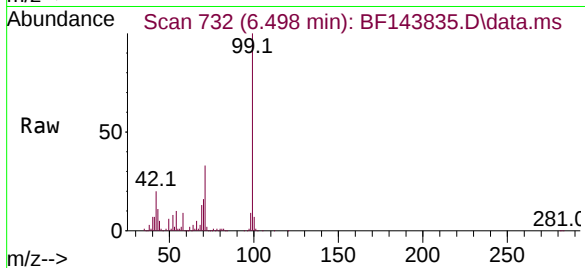




#7
Phenol-d6
Concen: 43.728 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

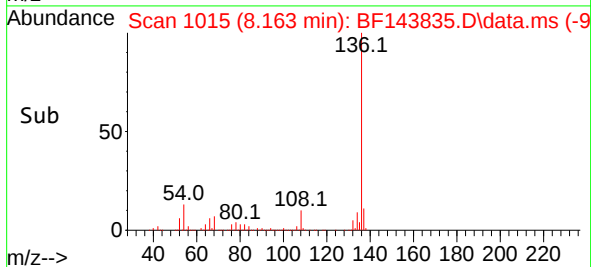
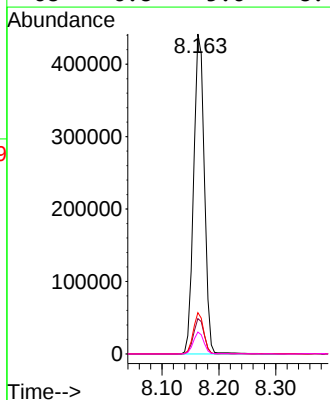
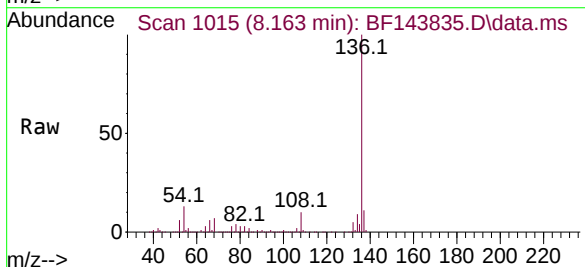
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

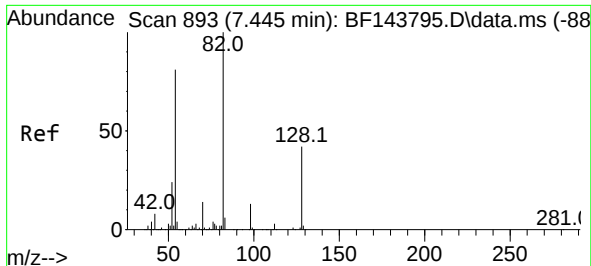
Tgt Ion: 99 Resp: 459016
Ion Ratio Lower Upper
99 100
42 19.6 18.6 28.0
71 33.2 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Tgt Ion: 136 Resp: 574615
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 12.9 11.2 16.8
68 6.8 5.6 8.4

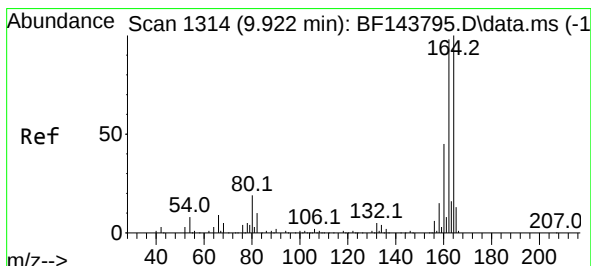
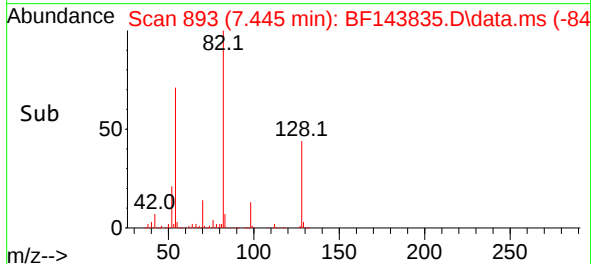
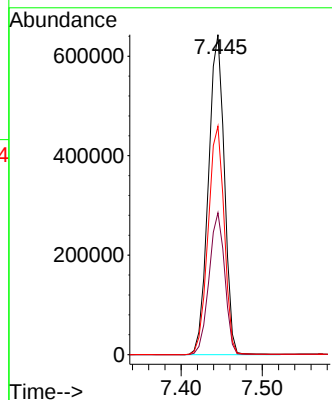
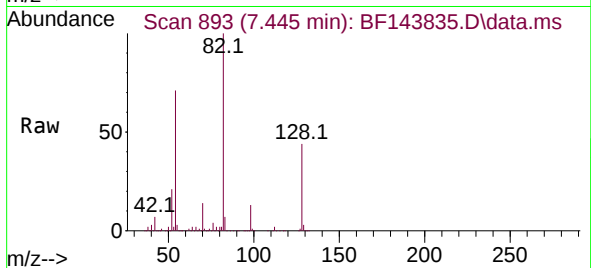




#23
Nitrobenzene-d5
Concen: 93.984 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

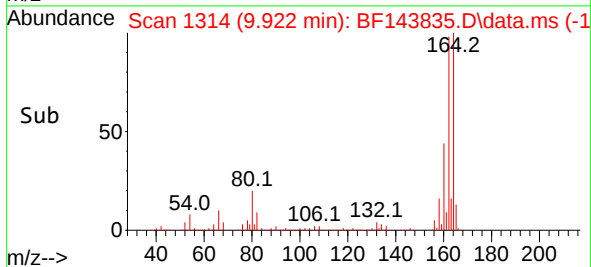
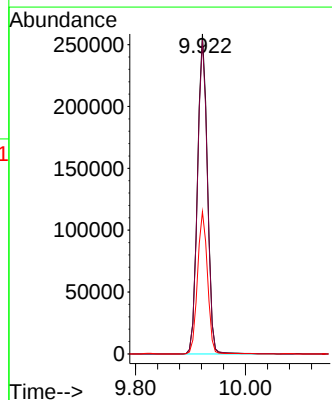
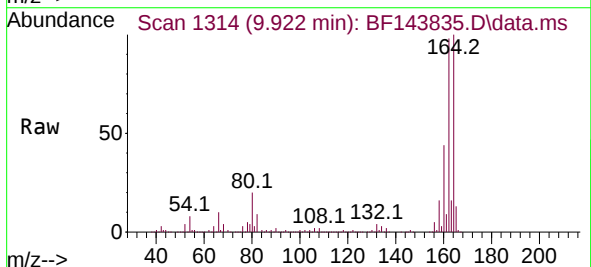
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

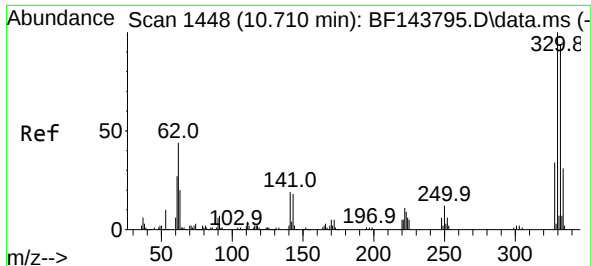
Tgt Ion: 82 Resp: 882260
Ion Ratio Lower Upper
82 100
128 44.3 33.3 49.9
54 71.4 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Tgt Ion: 164 Resp: 323392
Ion Ratio Lower Upper
164 100
162 98.1 78.8 118.2
160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 135.705 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143835.D

Acq: 30 Sep 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EME-TS12-01

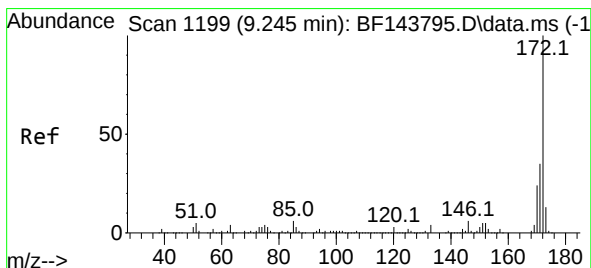
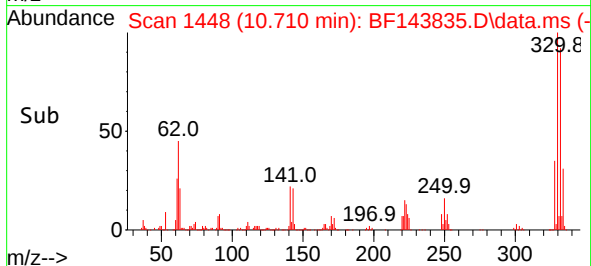
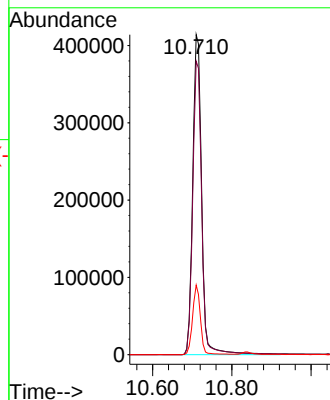
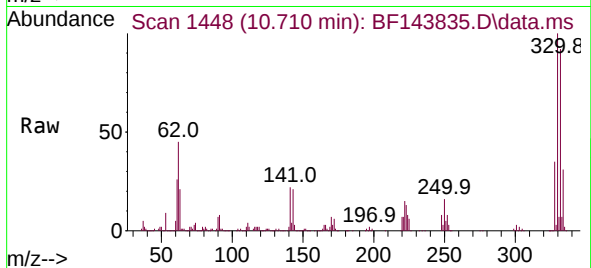
Tgt Ion:330 Resp: 649802

Ion Ratio Lower Upper

330 100

332 92.5 74.7 112.1

141 19.1 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 85.615 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143835.D

Acq: 30 Sep 2025 16:07

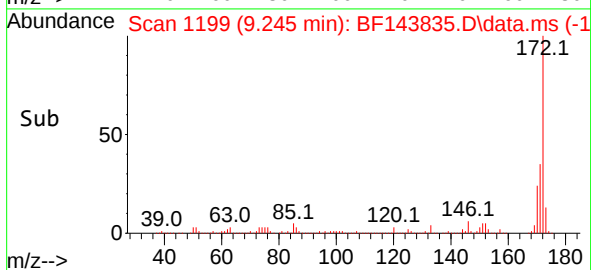
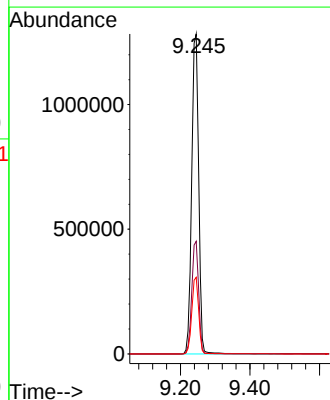
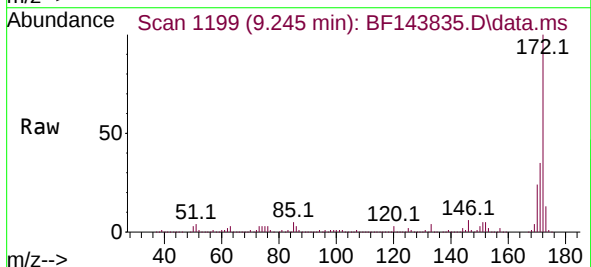
Tgt Ion:172 Resp: 1774262

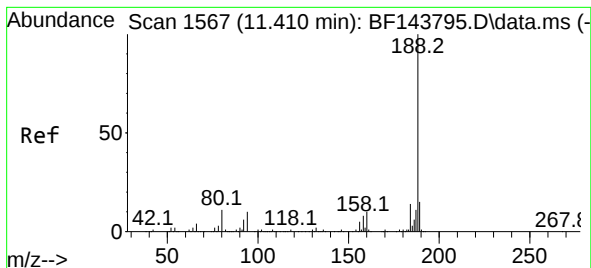
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.9 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: BF143835.D

Acq: 30 Sep 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EME-TS12-01

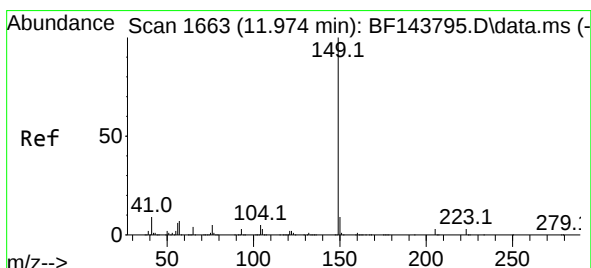
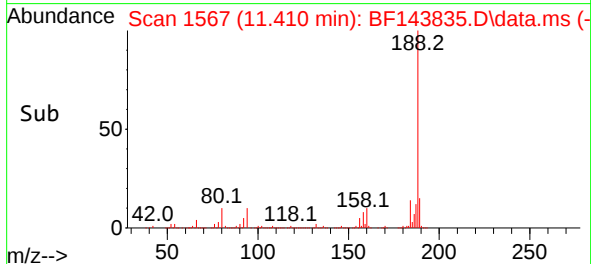
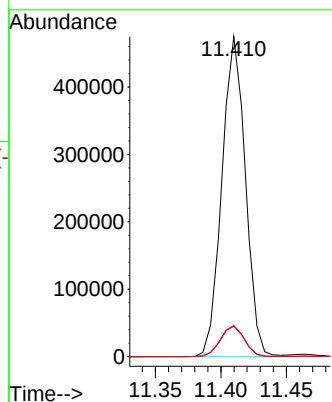
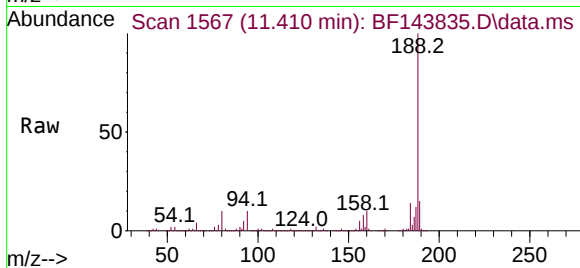
Tgt Ion:188 Resp: 592553

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 9.7 8.6 12.8



#74

Di-n-butylphthalate

Concen: 2.438 ng

RT: 11.969 min Scan# 1662

Delta R.T. -0.006 min

Lab File: BF143835.D

Acq: 30 Sep 2025 16:07

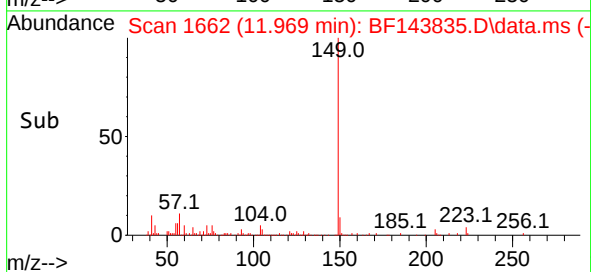
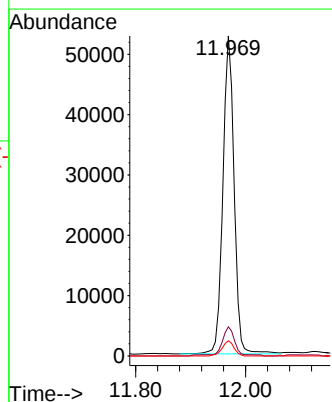
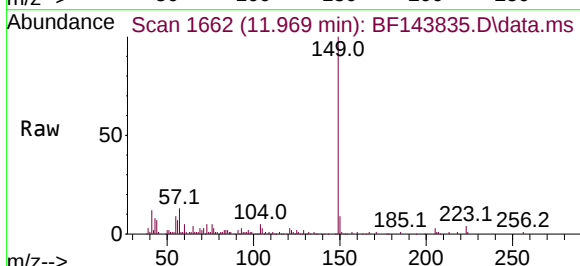
Tgt Ion:149 Resp: 74821

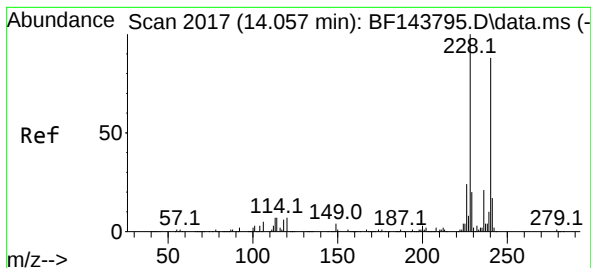
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.7 3.6 5.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143835.D

Acq: 30 Sep 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EME-TS12-01

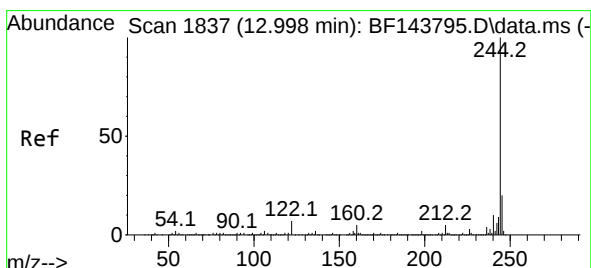
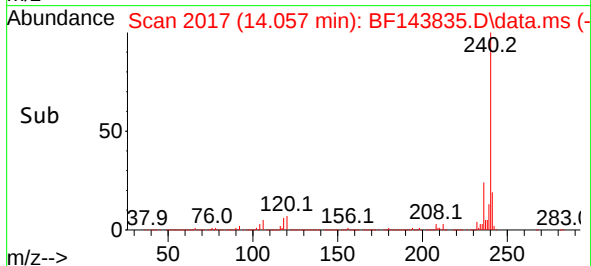
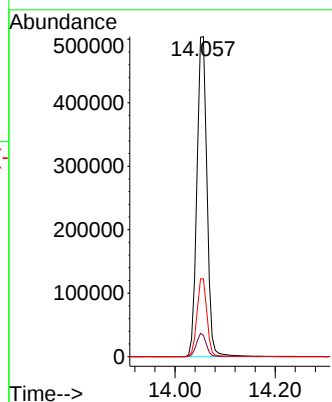
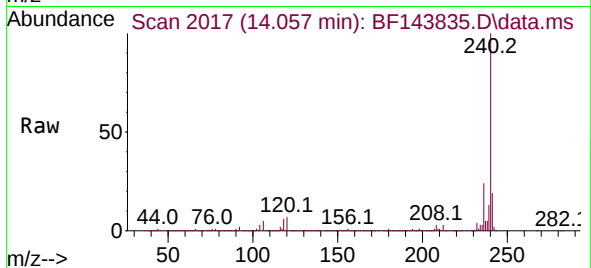
Tgt Ion:240 Resp: 701213

Ion Ratio Lower Upper

240 100

120 6.6 6.2 9.4

236 24.3 19.4 29.2



#79

Terphenyl-d14

Concen: 92.696 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF143835.D

Acq: 30 Sep 2025 16:07

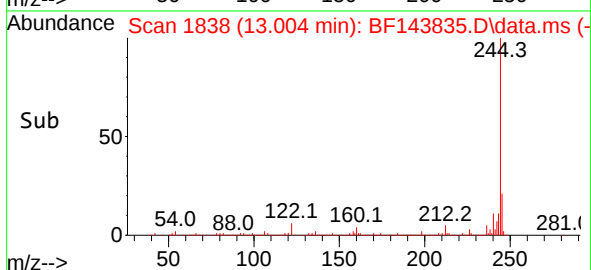
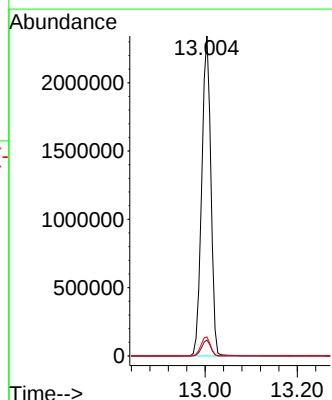
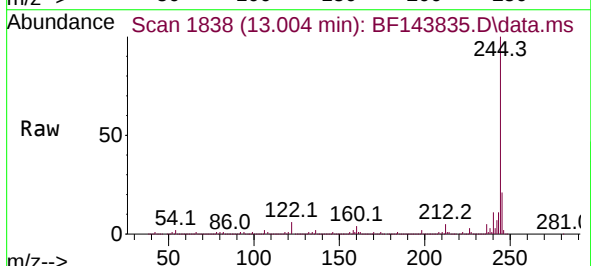
Tgt Ion:244 Resp: 3196053

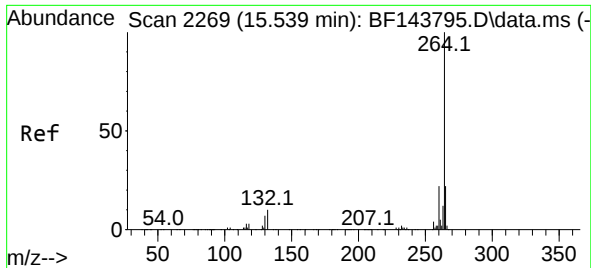
Ion Ratio Lower Upper

244 100

212 4.9 3.9 5.9

122 5.9 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143835.D
 Acq: 30 Sep 2025 16:07

Instrument :
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Tgt Ion:264 Resp: 697844
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.9 26.9
 265 22.5 17.7 26.5

