

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143836.D
 Acq On : 30 Sep 2025 16:37
 Operator : RC/JU
 Sample : Q3177-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS13-01

Quant Time: Sep 30 17:00:38 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)

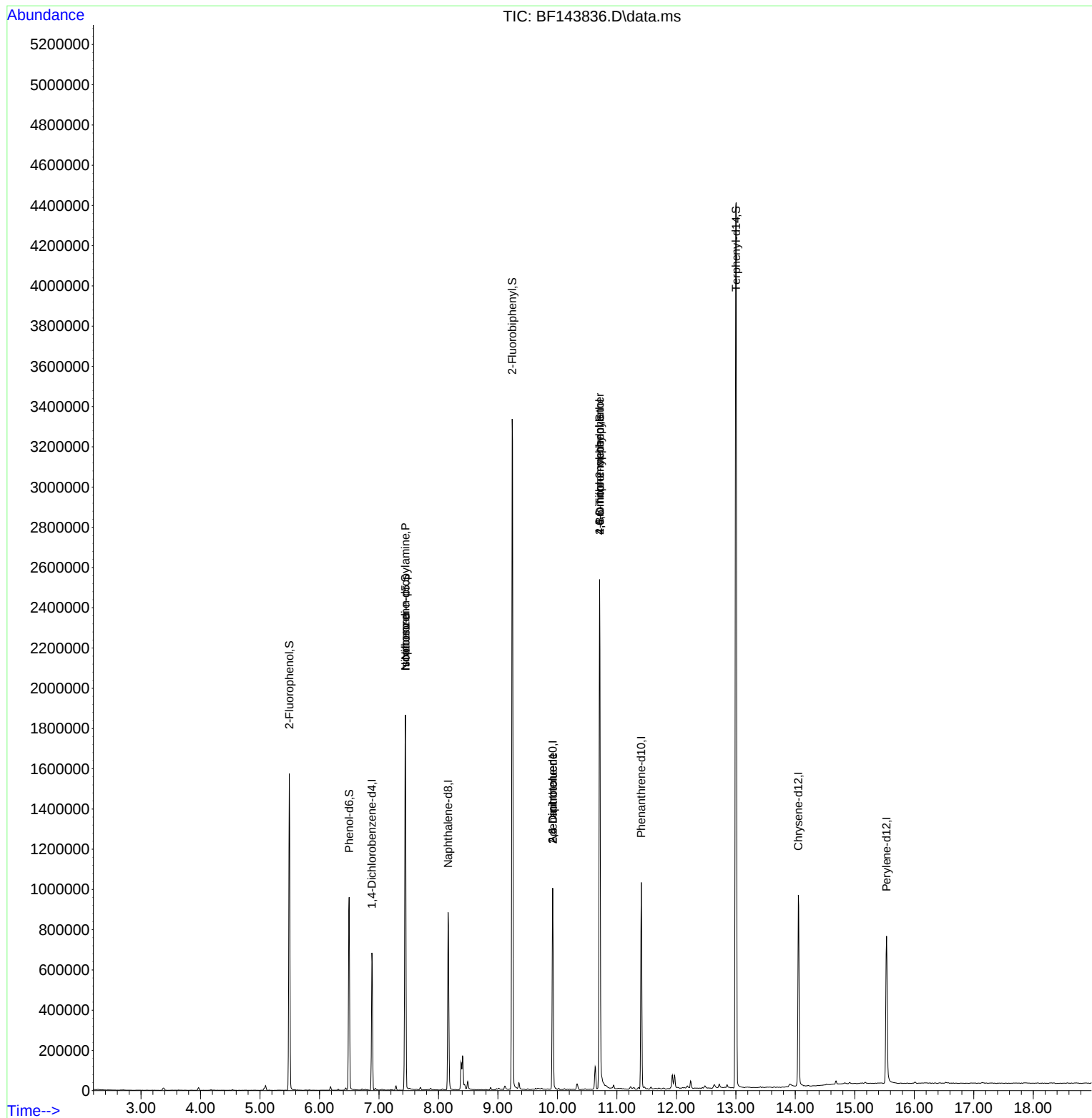
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	140037	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	541403	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	299388	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	527999	20.000	ng	0.00
76) Chrysene-d12	14.051	240	554361	20.000	ng	-0.01
86) Perylene-d12	15.533	264	552796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	527510	61.201	ng	0.00
7) Phenol-d6	6.498	99	420770	42.250	ng	-0.01
23) Nitrobenzene-d5	7.445	82	782689	88.492	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	601520	135.694	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1625076	84.704	ng	0.00
79) Terphenyl-d14	13.004	244	2718536	99.733	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	113249	17.684	ng	# 69
25) Isophorone	7.445	82	773486	44.877	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	38611	12.879	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	38611	11.069	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	738	4.595	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	41026	4.559	ng	# 1

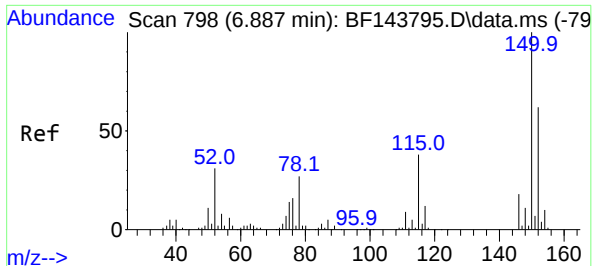
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
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Misc :
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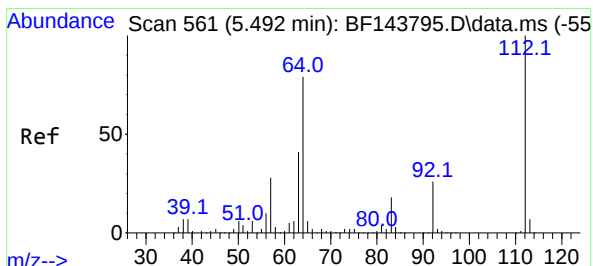
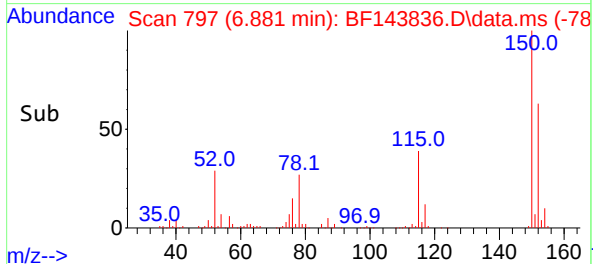
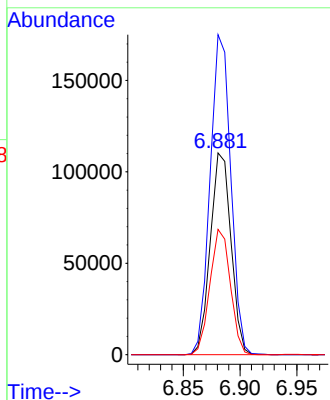
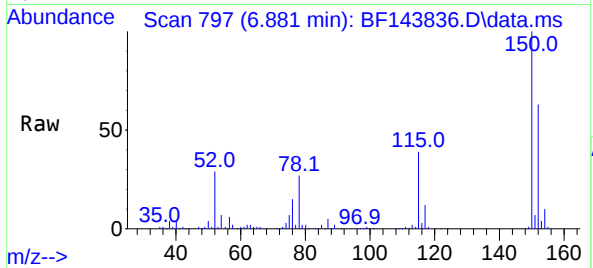




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

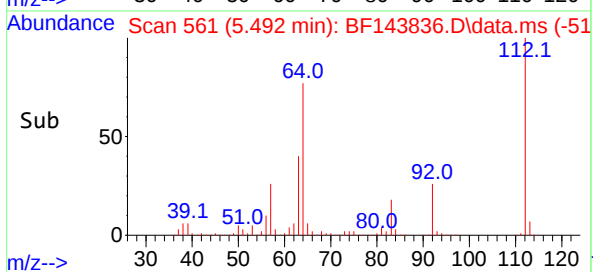
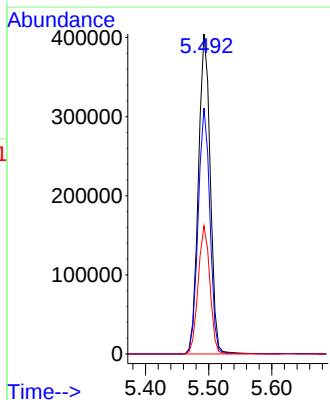
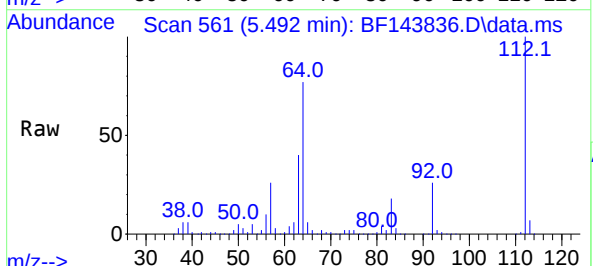
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

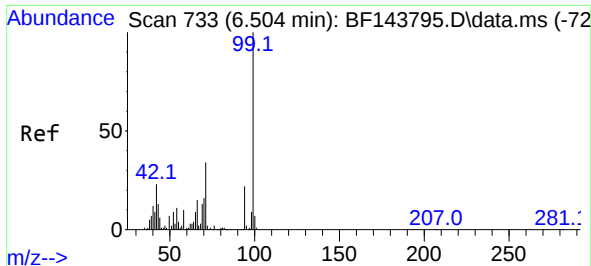
Tgt Ion:152 Resp: 140037
Ion Ratio Lower Upper
152 100
150 158.6 129.6 194.4
115 62.1 49.0 73.4



#5
2-Fluorophenol
Concen: 61.201 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Tgt Ion:112 Resp: 527510
Ion Ratio Lower Upper
112 100
64 76.9 63.0 94.4
63 40.1 32.6 49.0

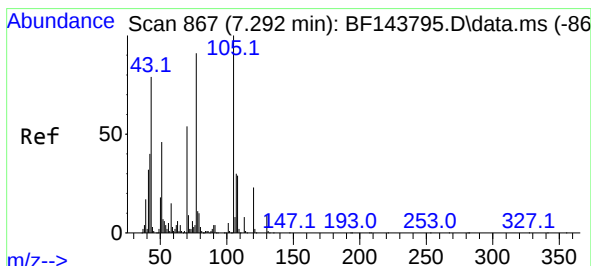
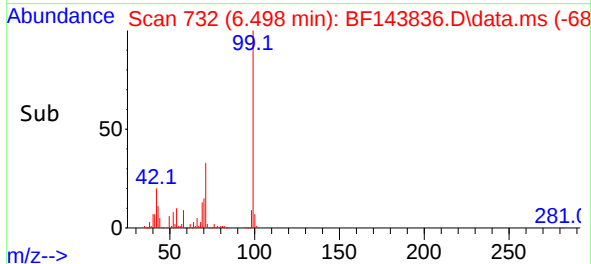
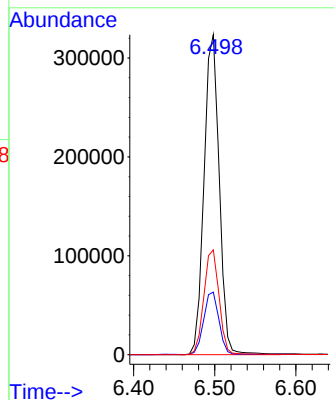
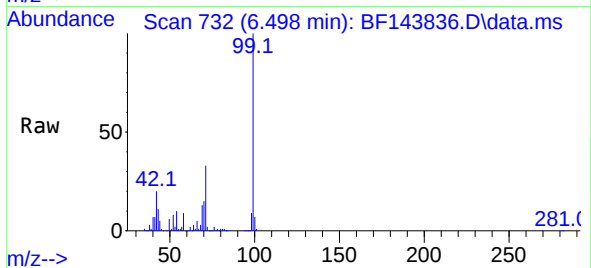




#7
Phenol-d6
Concen: 42.250 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

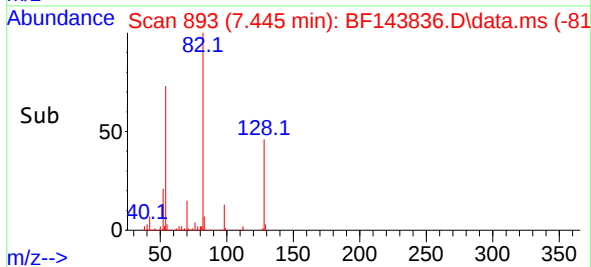
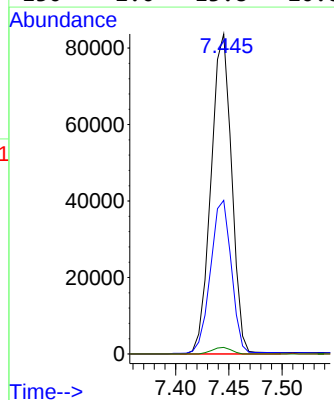
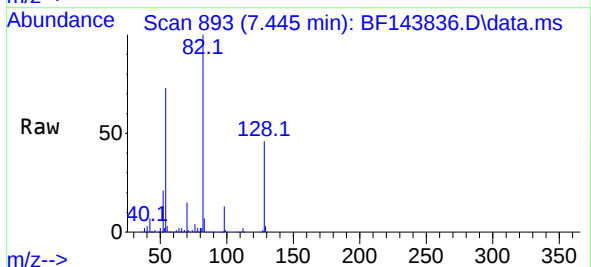
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

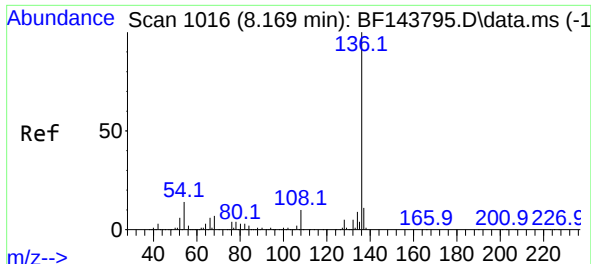
Tgt Ion: 99 Resp: 420770
Ion Ratio Lower Upper
99 100
42 19.6 18.6 28.0
71 32.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.684 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Tgt Ion: 70 Resp: 113249
Ion Ratio Lower Upper
70 100
42 48.0 59.4 89.0#
101 0.0 7.1 10.7#
130 2.0 13.8 20.8#



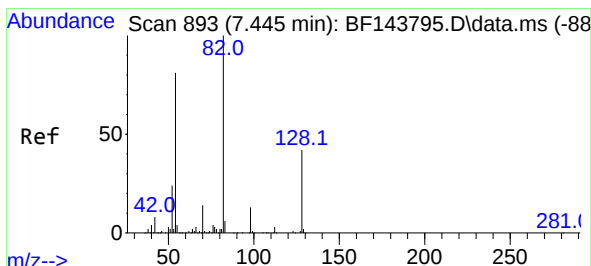
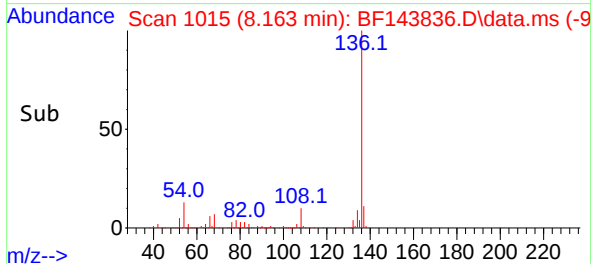
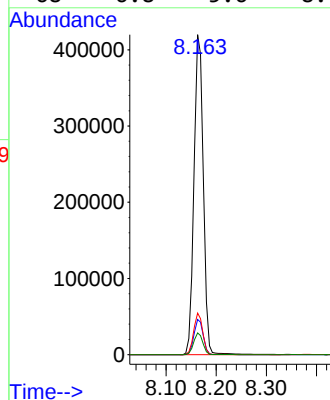
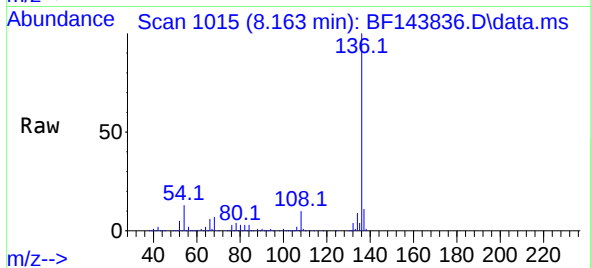


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

Tgt Ion:136 Resp: 541403

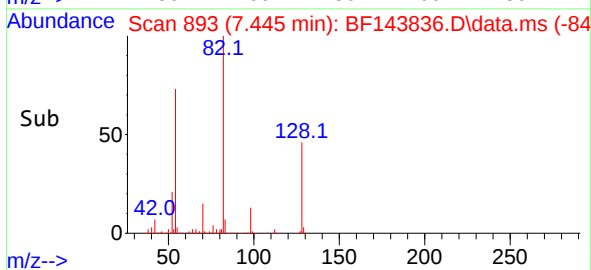
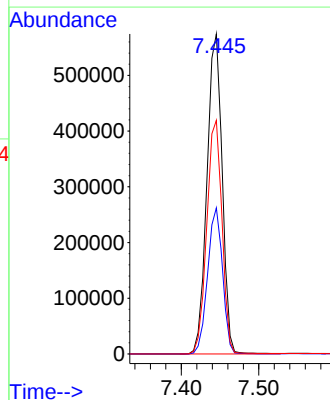
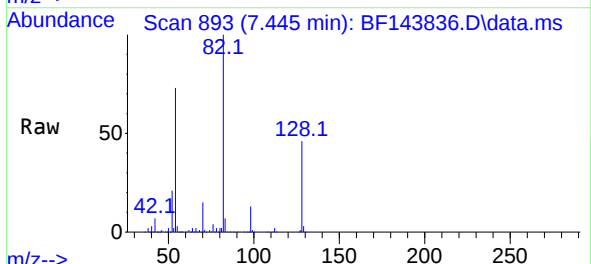
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	13.0	11.2	16.8
68	6.8	5.6	8.4

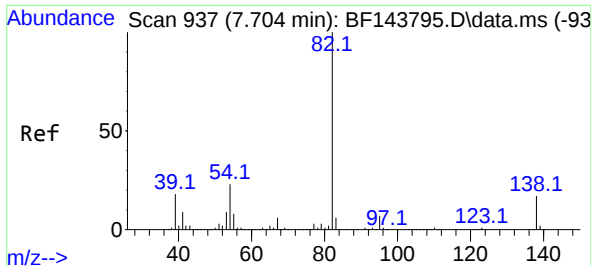


#23
Nitrobenzene-d5
Concen: 88.492 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Tgt Ion: 82 Resp: 782689

Ion	Ratio	Lower	Upper
82	100		
128	45.7	33.3	49.9
54	73.0	64.2	96.4

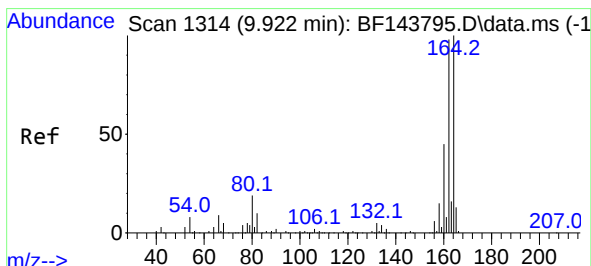
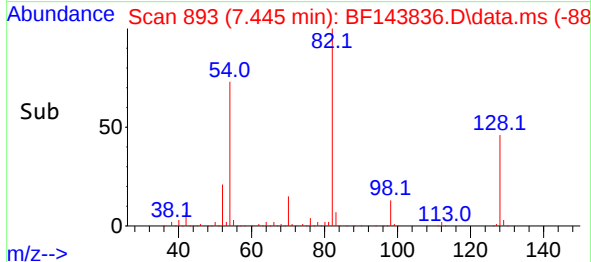
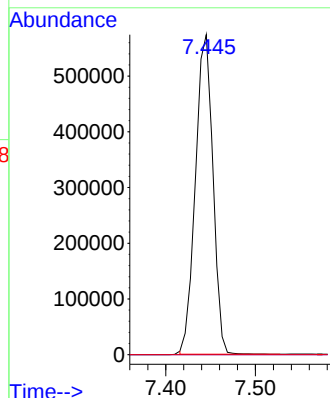
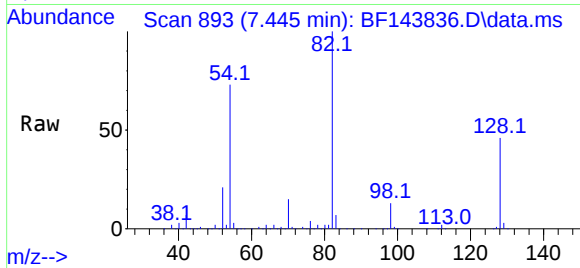




#25
Isophorone
Concen: 44.877 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

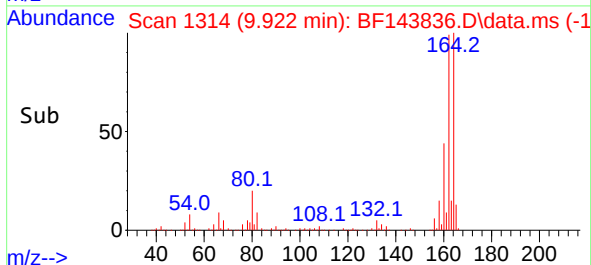
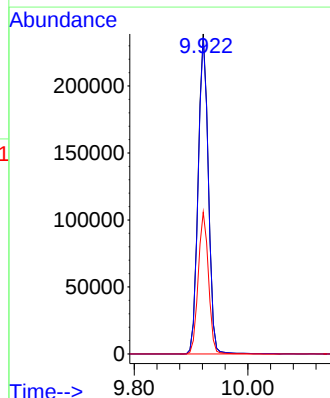
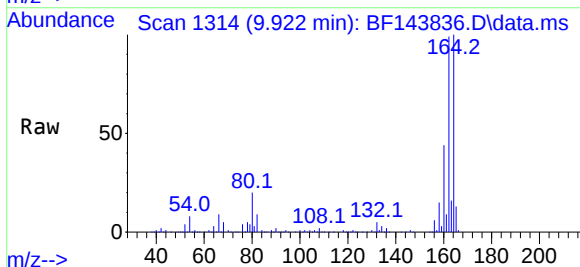
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

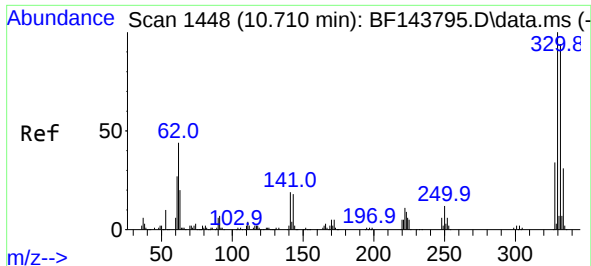
Tgt Ion: 82 Resp: 773486
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.007 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Tgt Ion:164 Resp: 299388
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 135.694 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143836.D

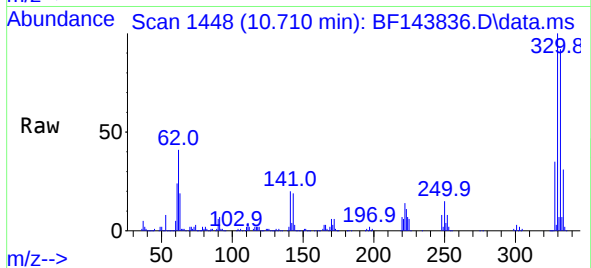
Acq: 30 Sep 2025 16:37

Instrument :

BNA_F

ClientSampleId :

EME-TS13-01



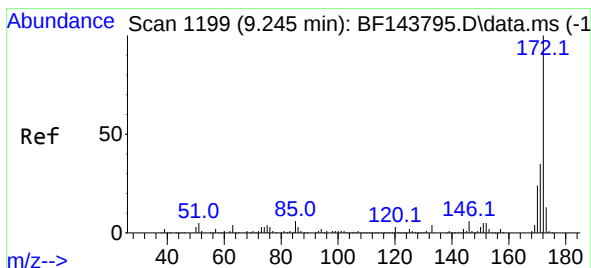
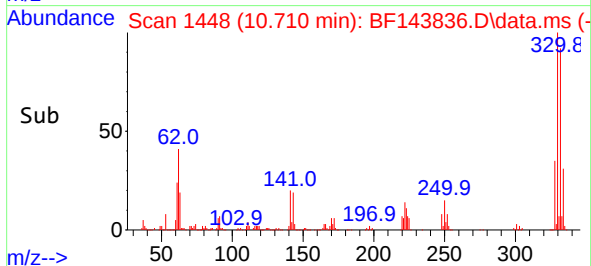
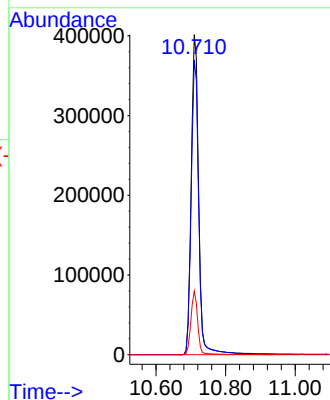
Tgt Ion:330 Resp: 601520

Ion Ratio Lower Upper

330 100

332 92.9 74.7 112.1

141 18.1 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 84.704 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143836.D

Acq: 30 Sep 2025 16:37

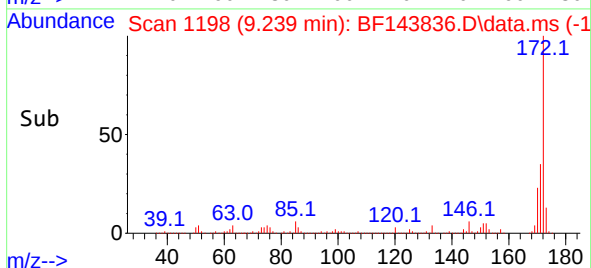
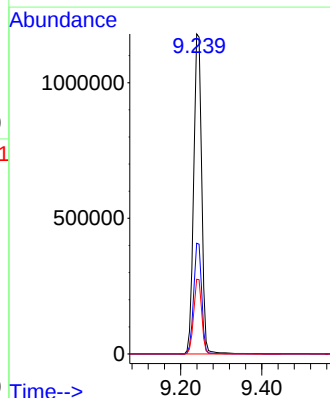
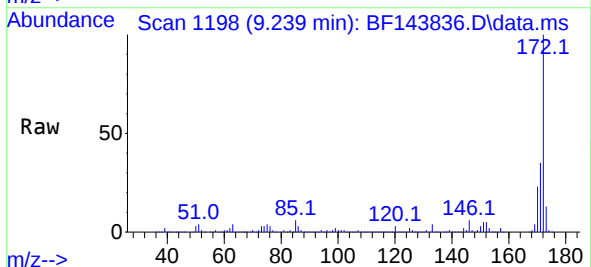
Tgt Ion:172 Resp: 1625076

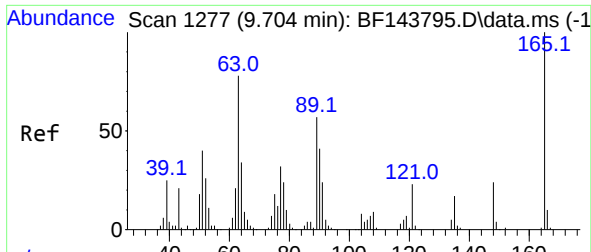
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 12.879 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.217 min

Lab File: BF143836.D

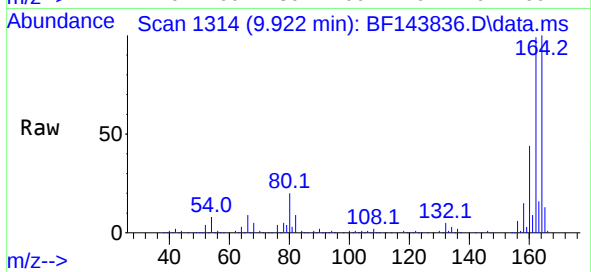
Acq: 30 Sep 2025 16:37

Instrument :

BNA_F

ClientSampleId :

EME-TS13-01



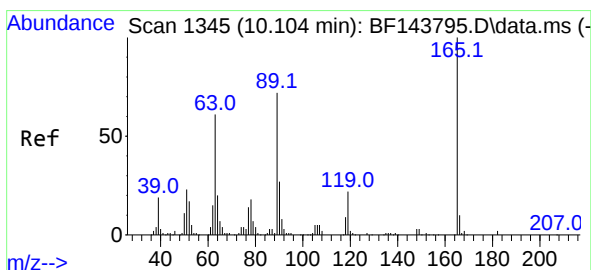
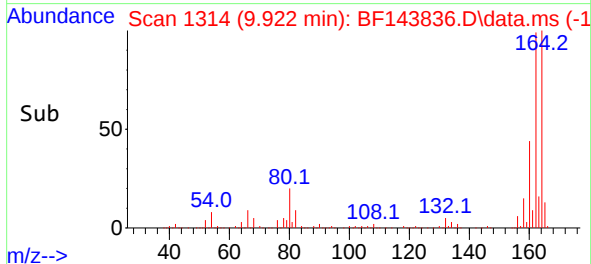
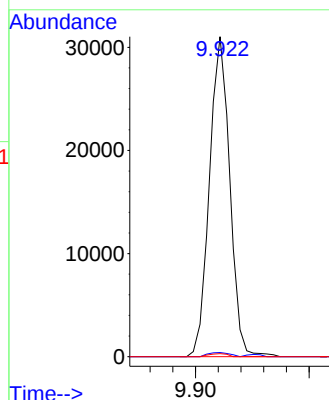
Tgt Ion:165 Resp: 38611

Ion Ratio Lower Upper

165 100

63 1.3 62.6 94.0#

89 1.0 45.2 67.8#



#57

2,4-Dinitrotoluene

Concen: 11.069 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.188 min

Lab File: BF143836.D

Acq: 30 Sep 2025 16:37

Tgt Ion:165 Resp: 38611

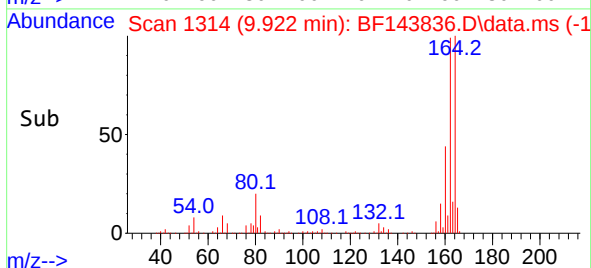
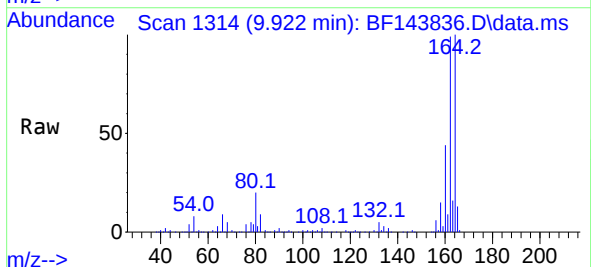
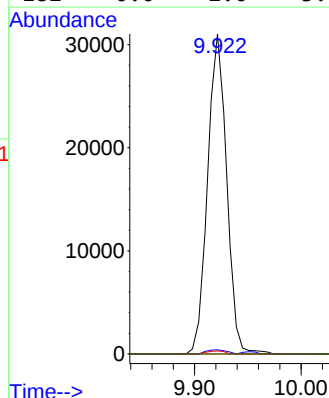
Ion Ratio Lower Upper

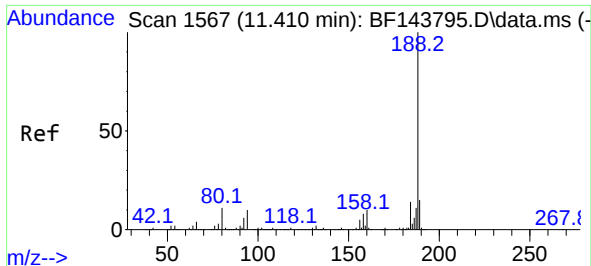
165 100

63 1.3 48.9 73.3#

89 1.0 57.5 86.3#

182 0.0 2.0 3.0#

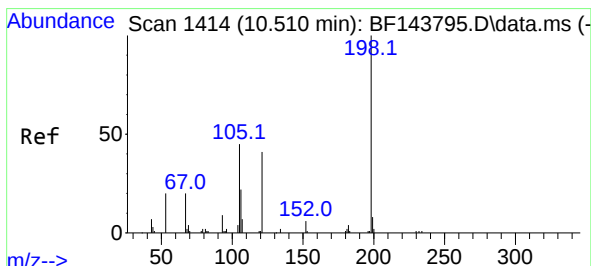
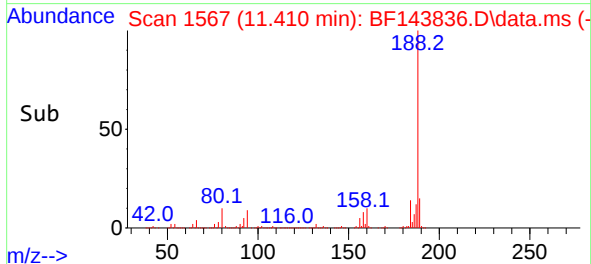
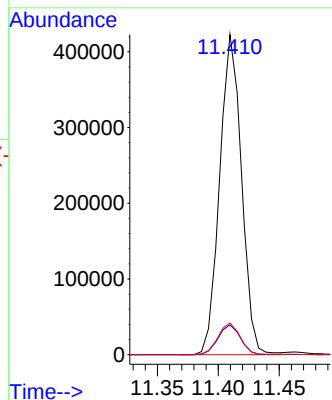
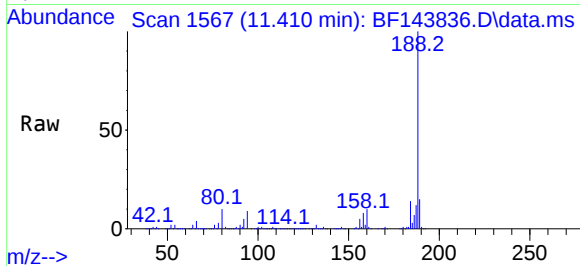




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

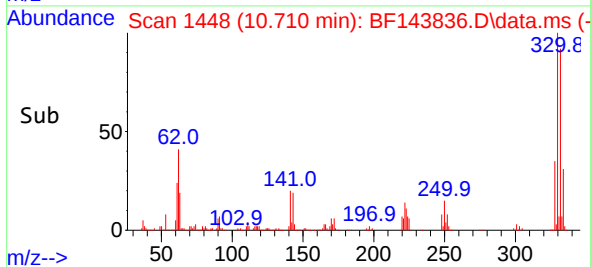
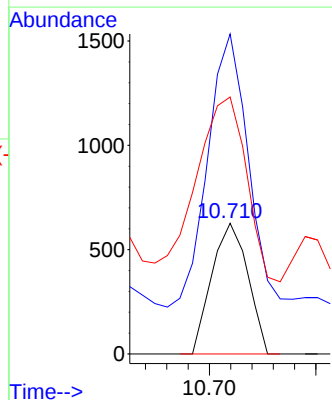
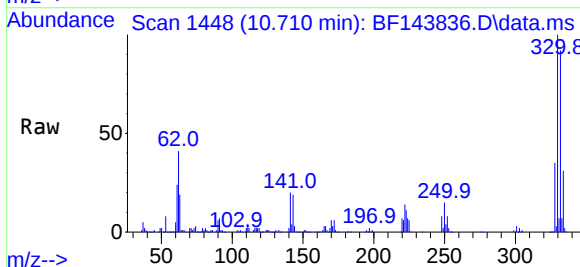
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

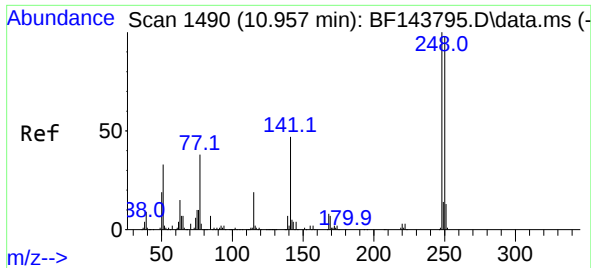
Tgt Ion:188 Resp: 527999
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.9 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.595 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Tgt Ion:198 Resp: 738
Ion Ratio Lower Upper
198 100
51 244.7 52.0 92.0#
105 196.5 27.5 67.5#

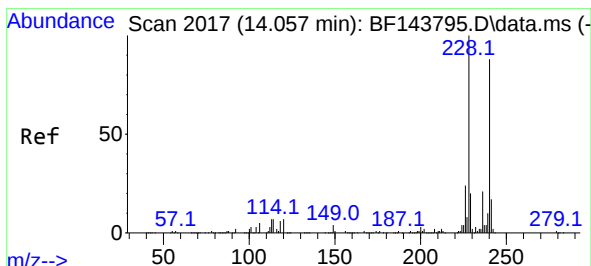
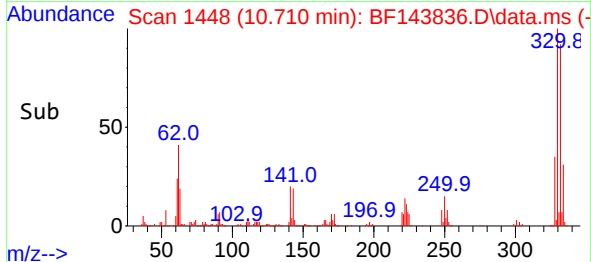
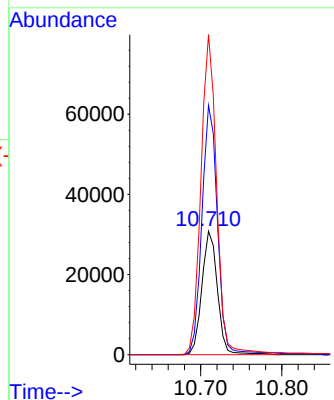
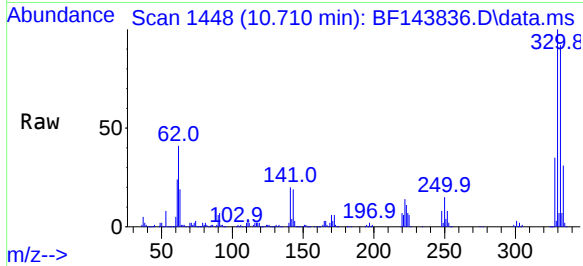




#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

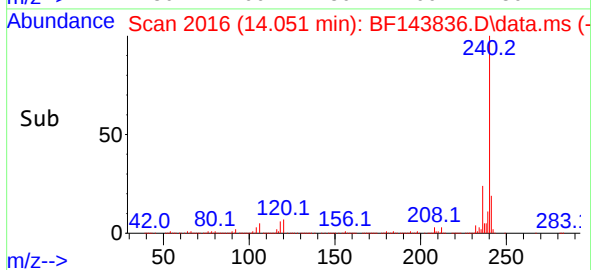
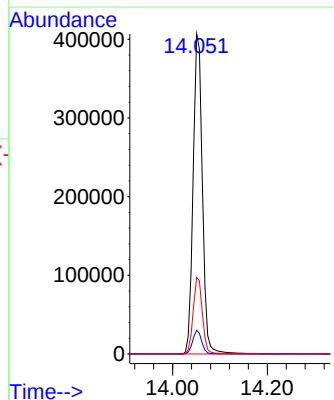
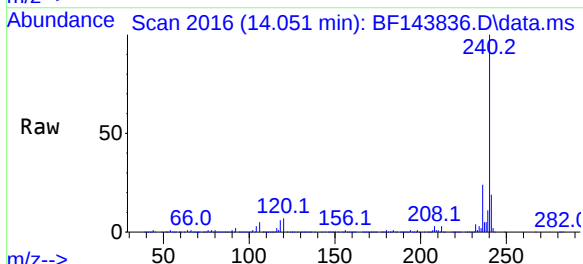
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

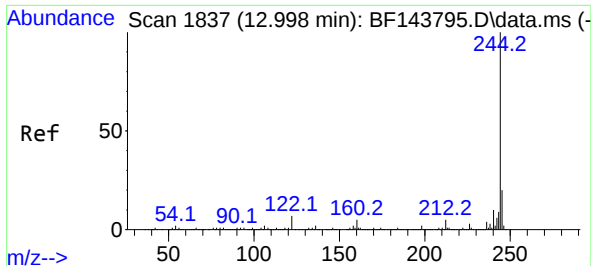
Tgt Ion:248 Resp: 41026
Ion Ratio Lower Upper
248 100
250 201.9 78.7 118.1#
141 259.1 37.9 56.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143836.D
Acq: 30 Sep 2025 16:37

Tgt Ion:240 Resp: 554361
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 23.9 19.4 29.2

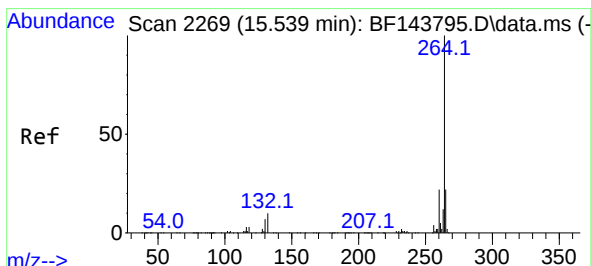
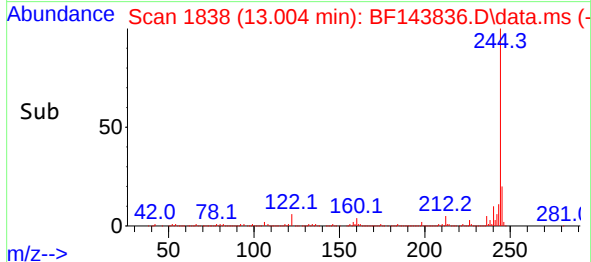
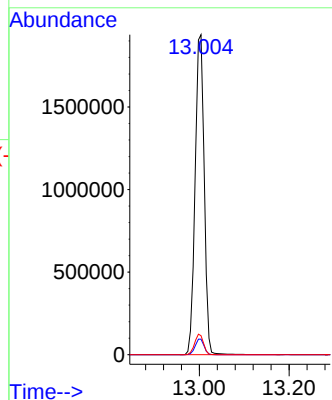
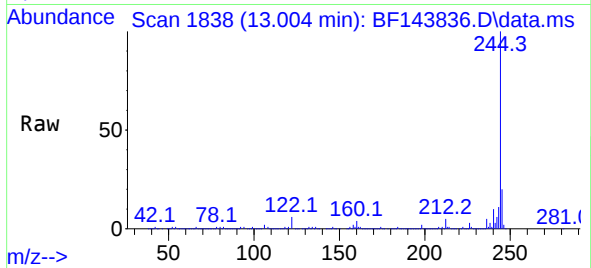




#79
 Terphenyl-d14
 Concen: 99.733 ng
 RT: 13.004 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF143836.D
 Acq: 30 Sep 2025 16:37

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS13-01

Tgt Ion:244 Resp: 2718536
 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: BF143836.D
 Acq: 30 Sep 2025 16:37

Tgt Ion:264 Resp: 552796
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 22.5 17.7 26.5

