

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143814.D
 Acq On : 25 Sep 2025 20:21
 Operator : RC/JU
 Sample : Q3176-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS13-01

Quant Time: Sep 25 23:25:12 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)

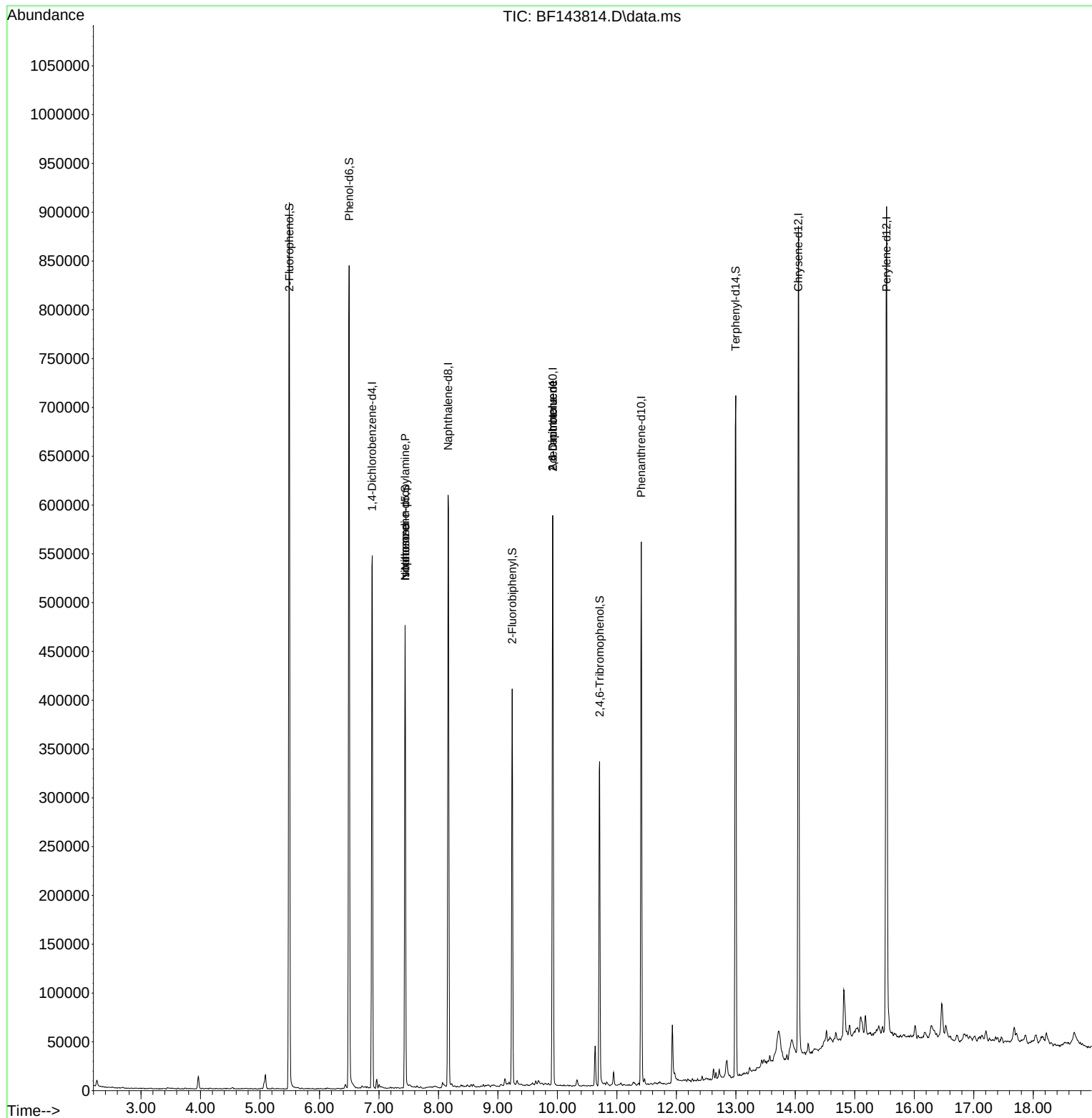
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	373168	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	167509	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277433	20.000	ng	0.00
76) Chrysene-d12	14.051	240	463745	20.000	ng	-0.01
86) Perylene-d12	15.533	264	573813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	309356	44.797	ng	0.00
7) Phenol-d6	6.498	99	357400	44.792	ng	-0.01
23) Nitrobenzene-d5	7.439	82	175900	28.853	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	75892	30.599	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	173662	16.178	ng	0.00
79) Terphenyl-d14	12.998	244	395487	17.344	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	24378	4.751	ng	# 75
25) Isophorone	7.439	82	173435	14.599	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	21571	12.859	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	21571	11.056	ng	# 19

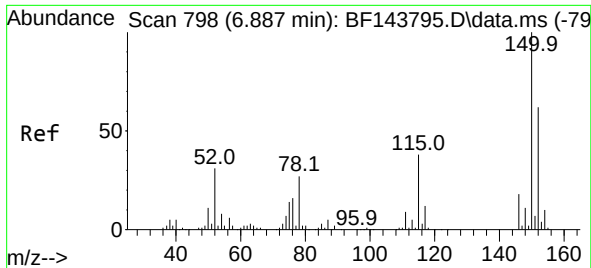
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
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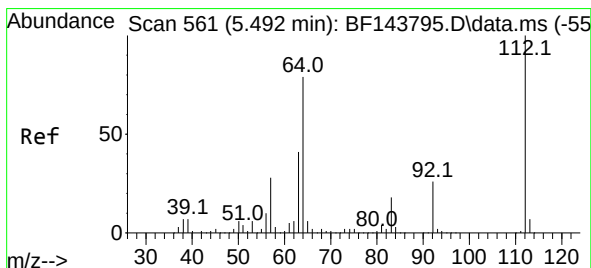
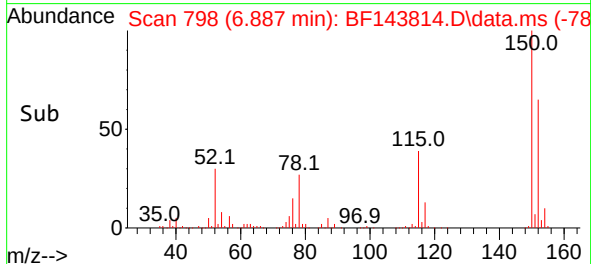
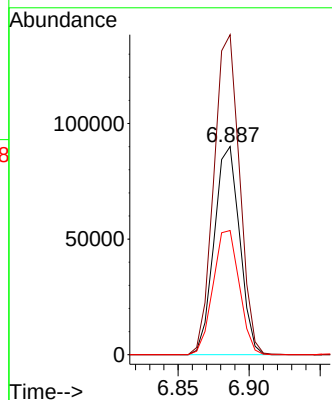
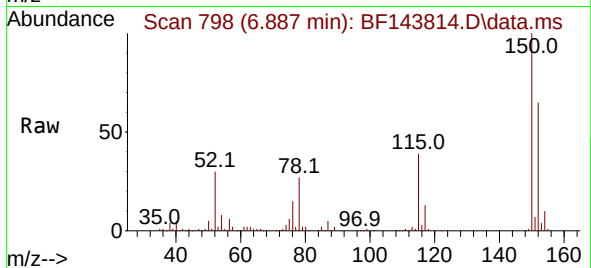




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

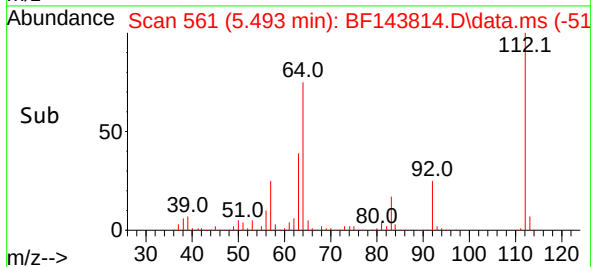
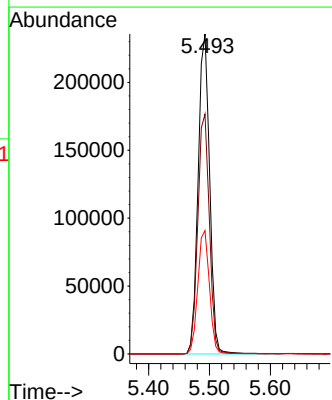
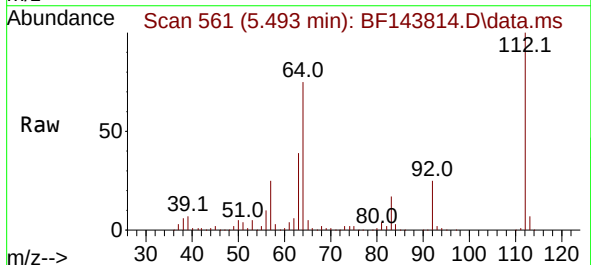
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

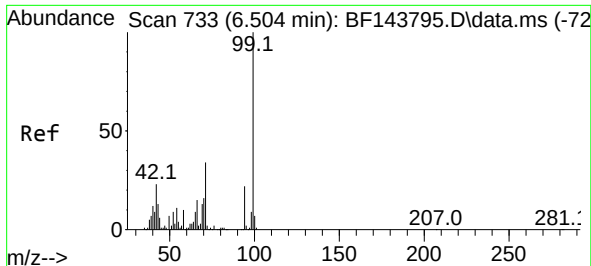
Tgt Ion:152 Resp: 112198
Ion Ratio Lower Upper
152 100
150 153.7 129.6 194.4
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 44.797 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:112 Resp: 309356
Ion Ratio Lower Upper
112 100
64 74.9 63.0 94.4
63 38.5 32.6 49.0

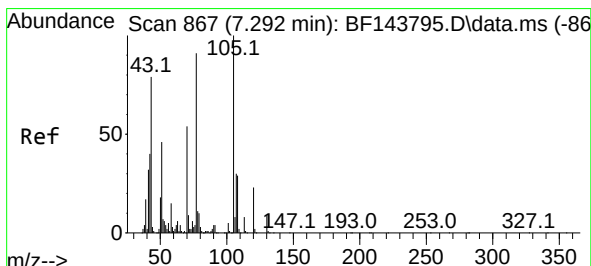
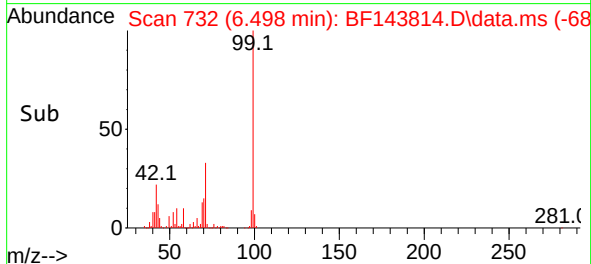
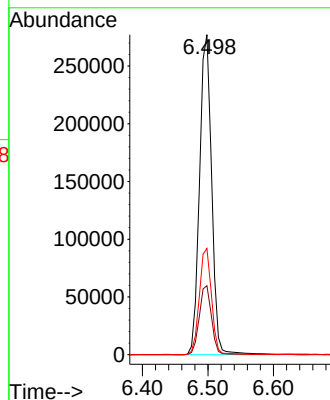
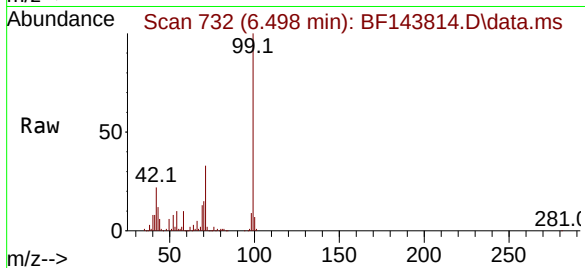




#7
Phenol-d6
Concen: 44.792 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

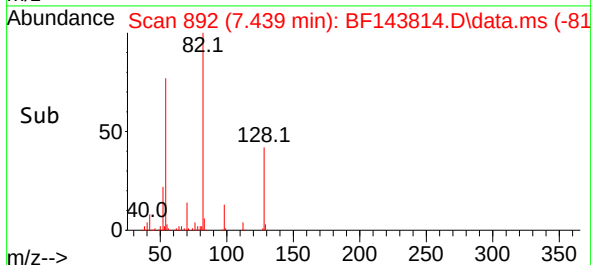
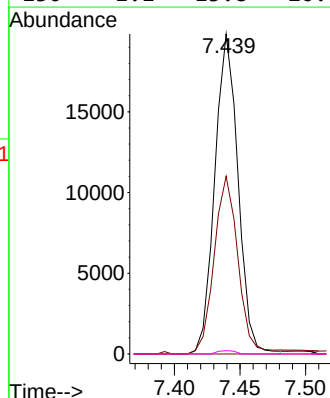
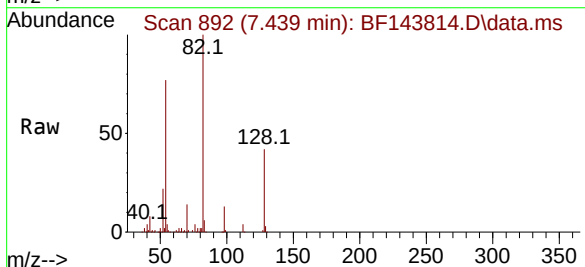
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

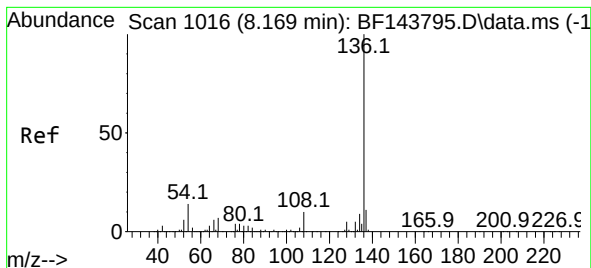
Tgt Ion: 99 Resp: 357400
Ion Ratio Lower Upper
99 100
42 21.6 18.6 28.0
71 33.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.751 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion: 70 Resp: 24378
Ion Ratio Lower Upper
70 100
42 55.5 59.4 89.0#
101 0.0 7.1 10.7#
130 1.1 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143814.D

Acq: 25 Sep 2025 20:21

Instrument :

BNA_F

ClientSampleId :

EME-TS13-01

Tgt Ion:136 Resp: 373168

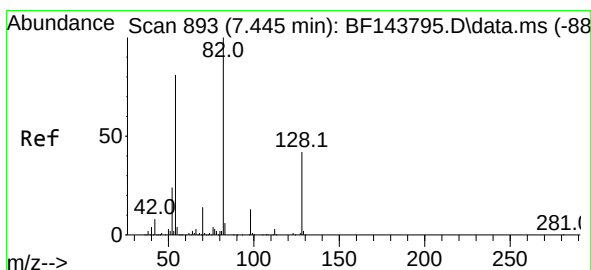
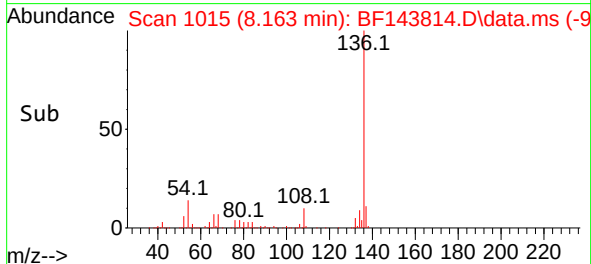
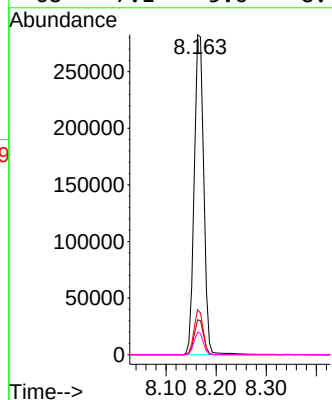
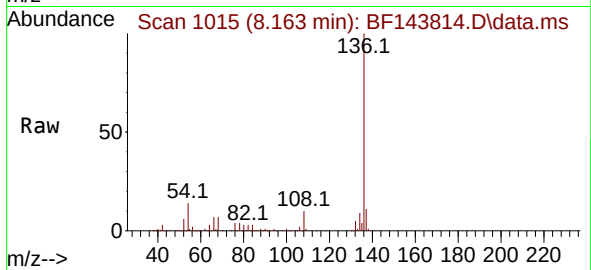
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 14.0 11.2 16.8

68 7.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 28.853 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF143814.D

Acq: 25 Sep 2025 20:21

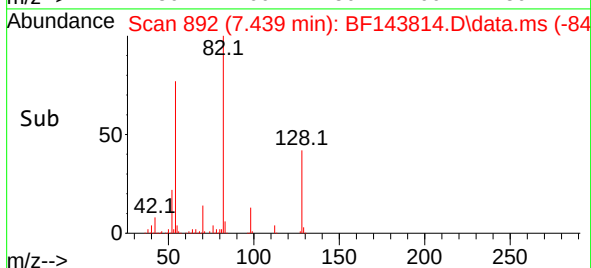
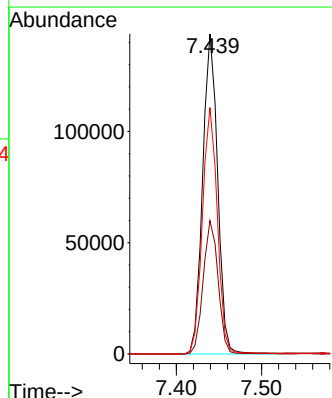
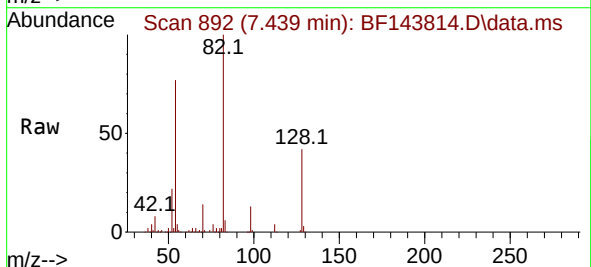
Tgt Ion: 82 Resp: 175900

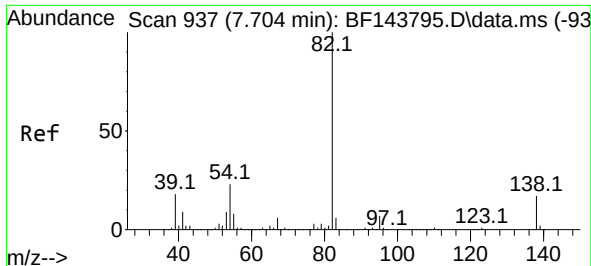
Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

54 77.0 64.2 96.4

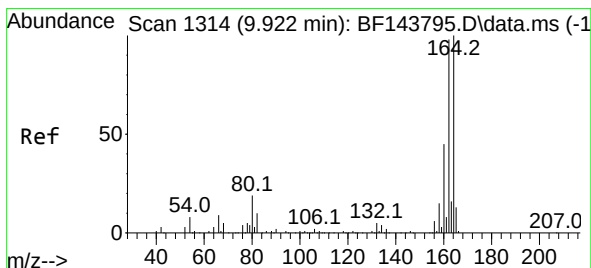
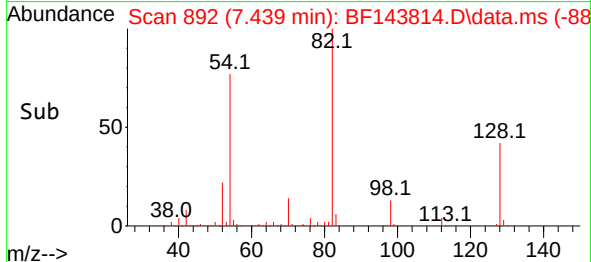
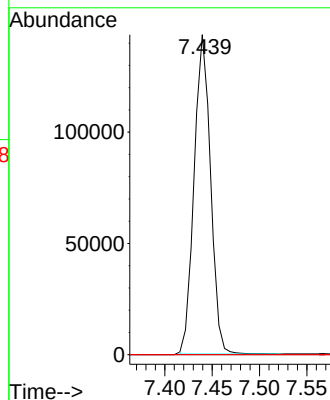
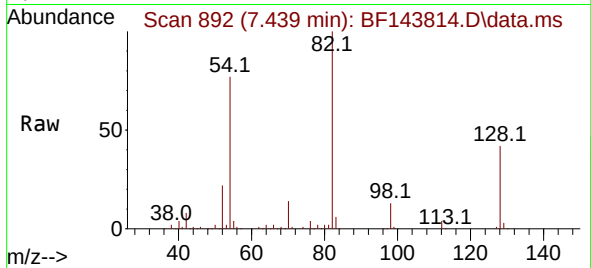




#25
Isophorone
Concen: 14.599 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

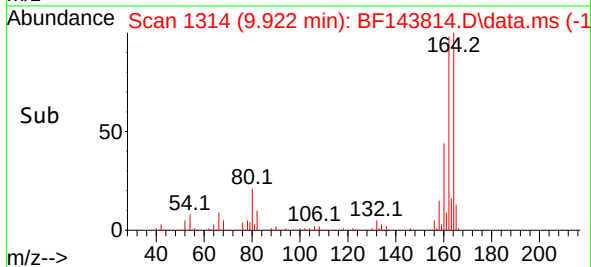
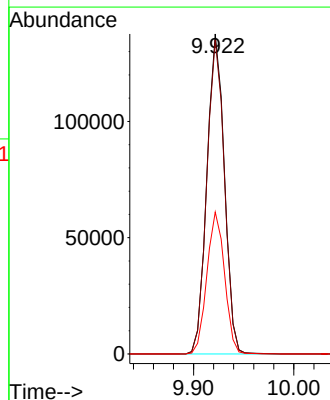
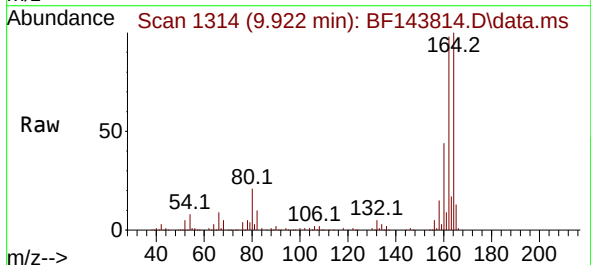
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

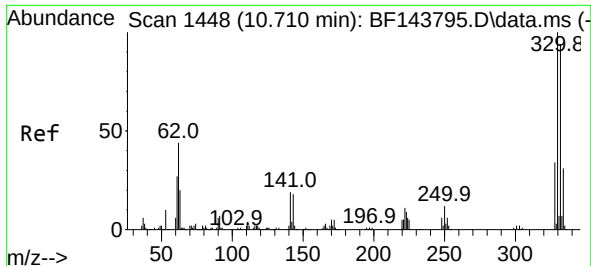
Tgt Ion: 82 Resp: 173435
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:164 Resp: 167509
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: 30.599 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143814.D

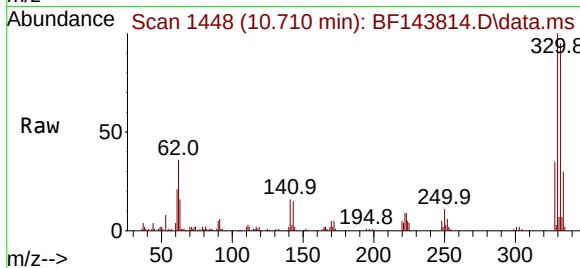
Acq: 25 Sep 2025 20:21

Instrument :

BNA_F

ClientSampleId :

EME-TS13-01



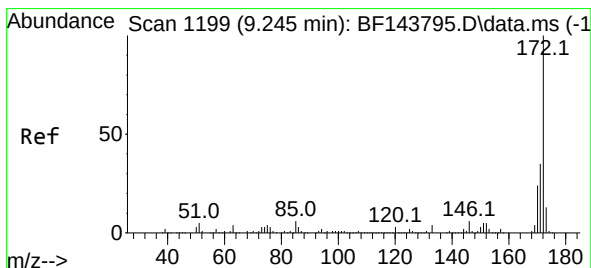
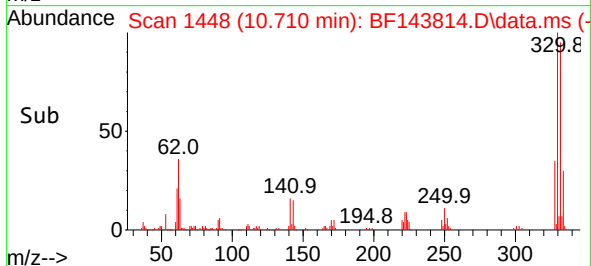
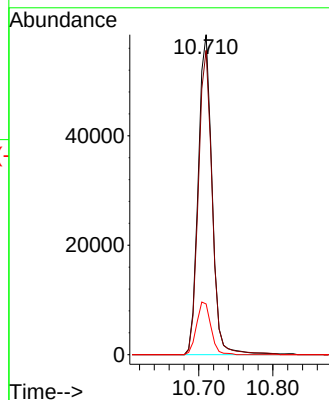
Tgt Ion:330 Resp: 75892

Ion Ratio Lower Upper

330 100

332 95.0 74.7 112.1

141 17.0 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 16.178 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143814.D

Acq: 25 Sep 2025 20:21

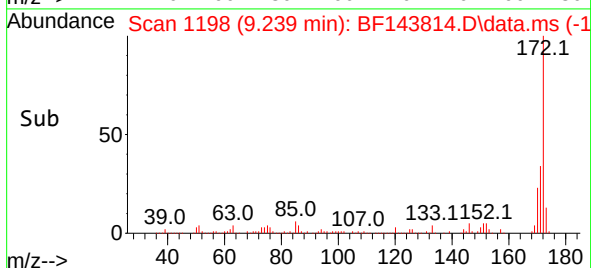
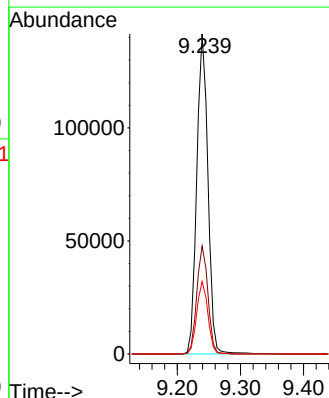
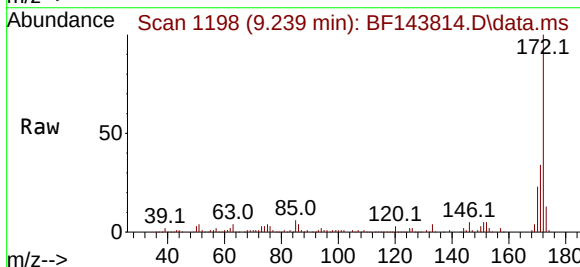
Tgt Ion:172 Resp: 173662

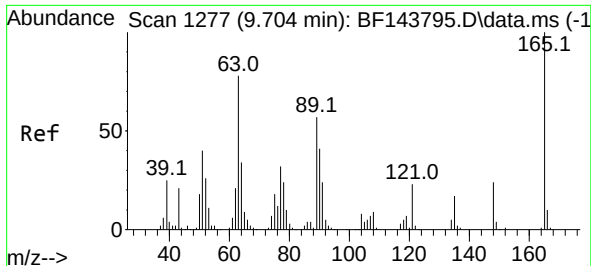
Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

170 22.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 12.859 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.218 min

Lab File: BF143814.D

Acq: 25 Sep 2025 20:21

Instrument :

BNA_F

ClientSampleId :

EME-TS13-01

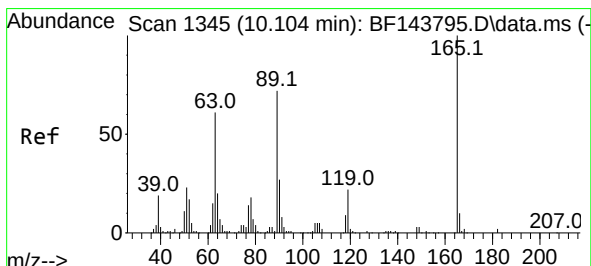
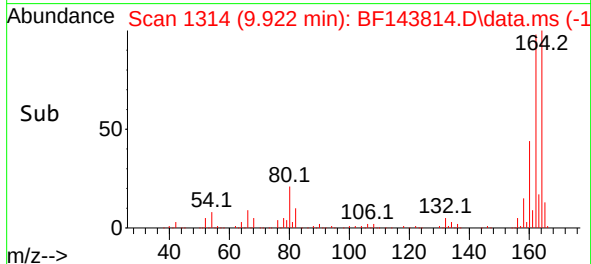
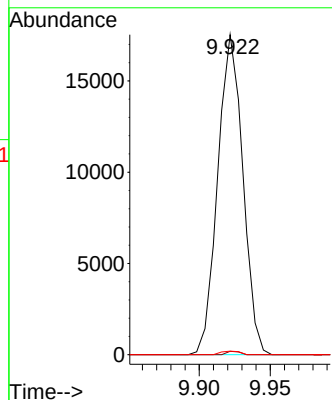
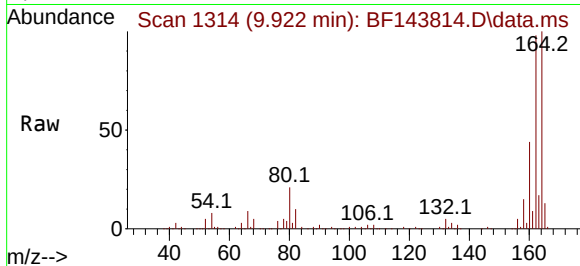
Tgt Ion:165 Resp: 21571

Ion Ratio Lower Upper

165 100

63 1.0 62.6 94.0#

89 1.1 45.2 67.8#



#57

2,4-Dinitrotoluene

Concen: 11.056 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.188 min

Lab File: BF143814.D

Acq: 25 Sep 2025 20:21

Tgt Ion:165 Resp: 21571

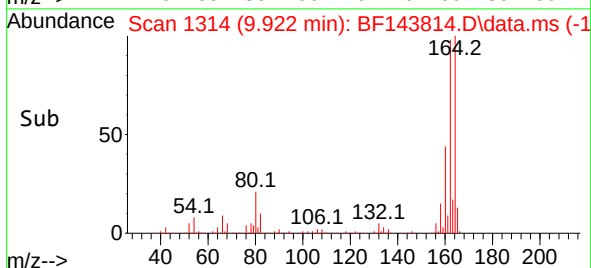
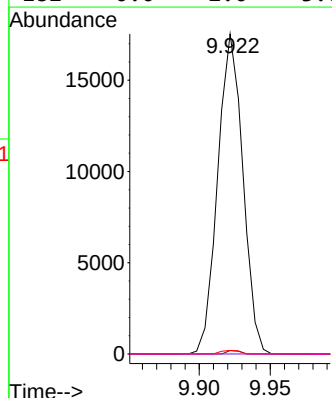
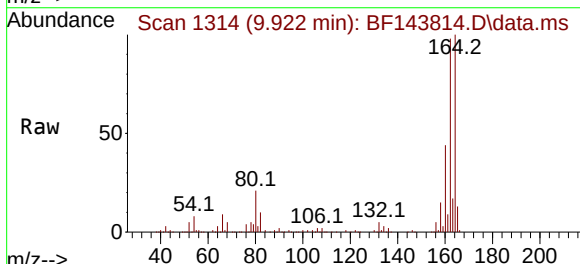
Ion Ratio Lower Upper

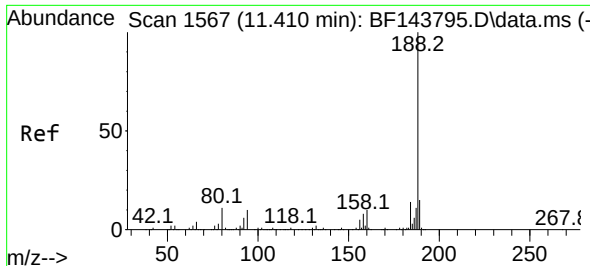
165 100

63 1.0 48.9 73.3#

89 1.1 57.5 86.3#

182 0.0 2.0 3.0#

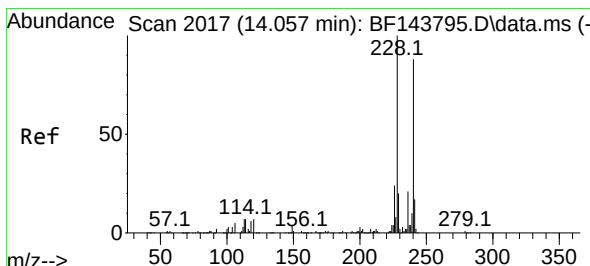
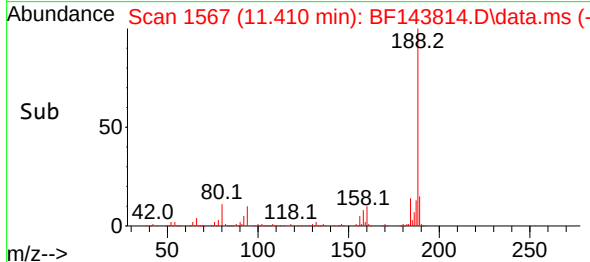
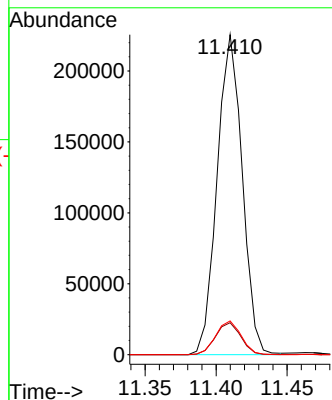
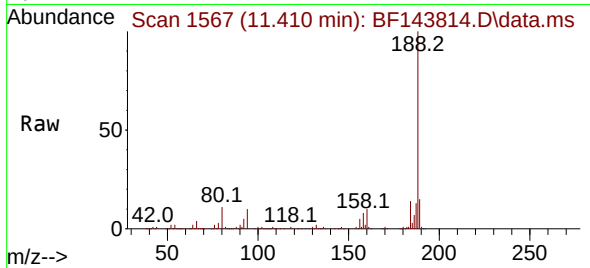




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

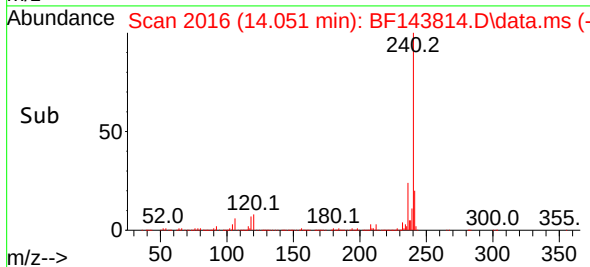
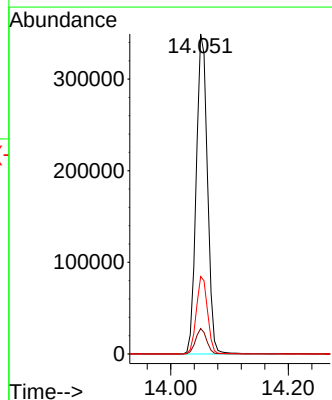
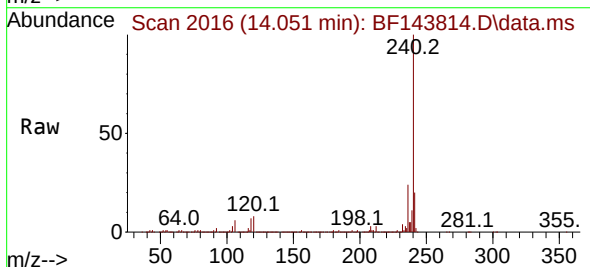
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

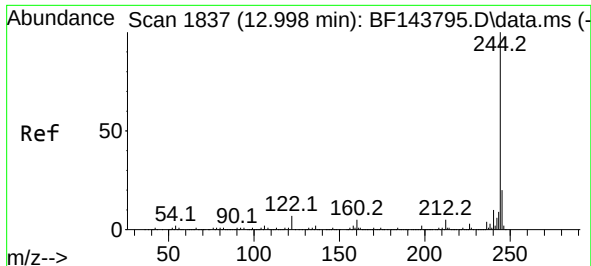
Tgt Ion:188 Resp: 277433
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:240 Resp: 463745
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 24.2 19.4 29.2

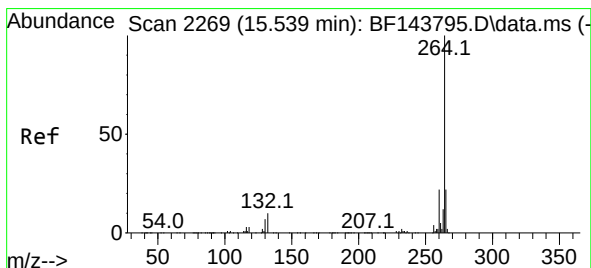
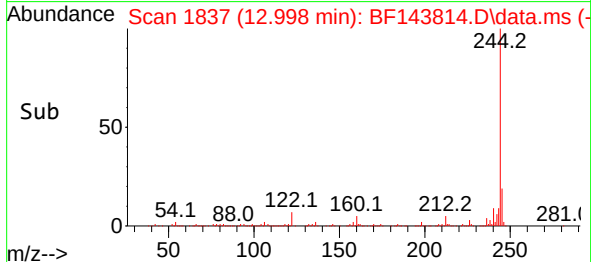
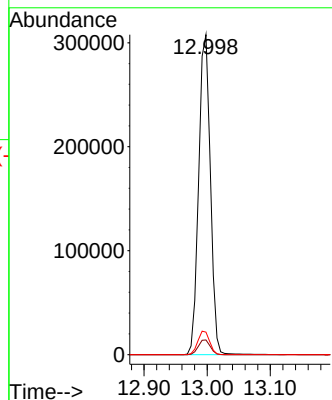
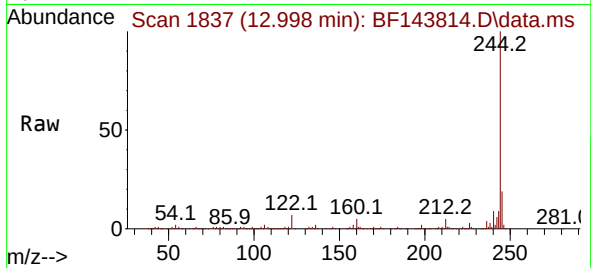




#79
 Terphenyl-d14
 Concen: 17.344 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143814.D
 Acq: 25 Sep 2025 20:21

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS13-01

Tgt Ion:244 Resp: 395487
 Ion Ratio Lower Upper
 244 100
 212 4.6 3.9 5.9
 122 7.1 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: BF143814.D
 Acq: 25 Sep 2025 20:21

Tgt Ion:264 Resp: 573813
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.9 26.9
 265 22.2 17.7 26.5

