

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)

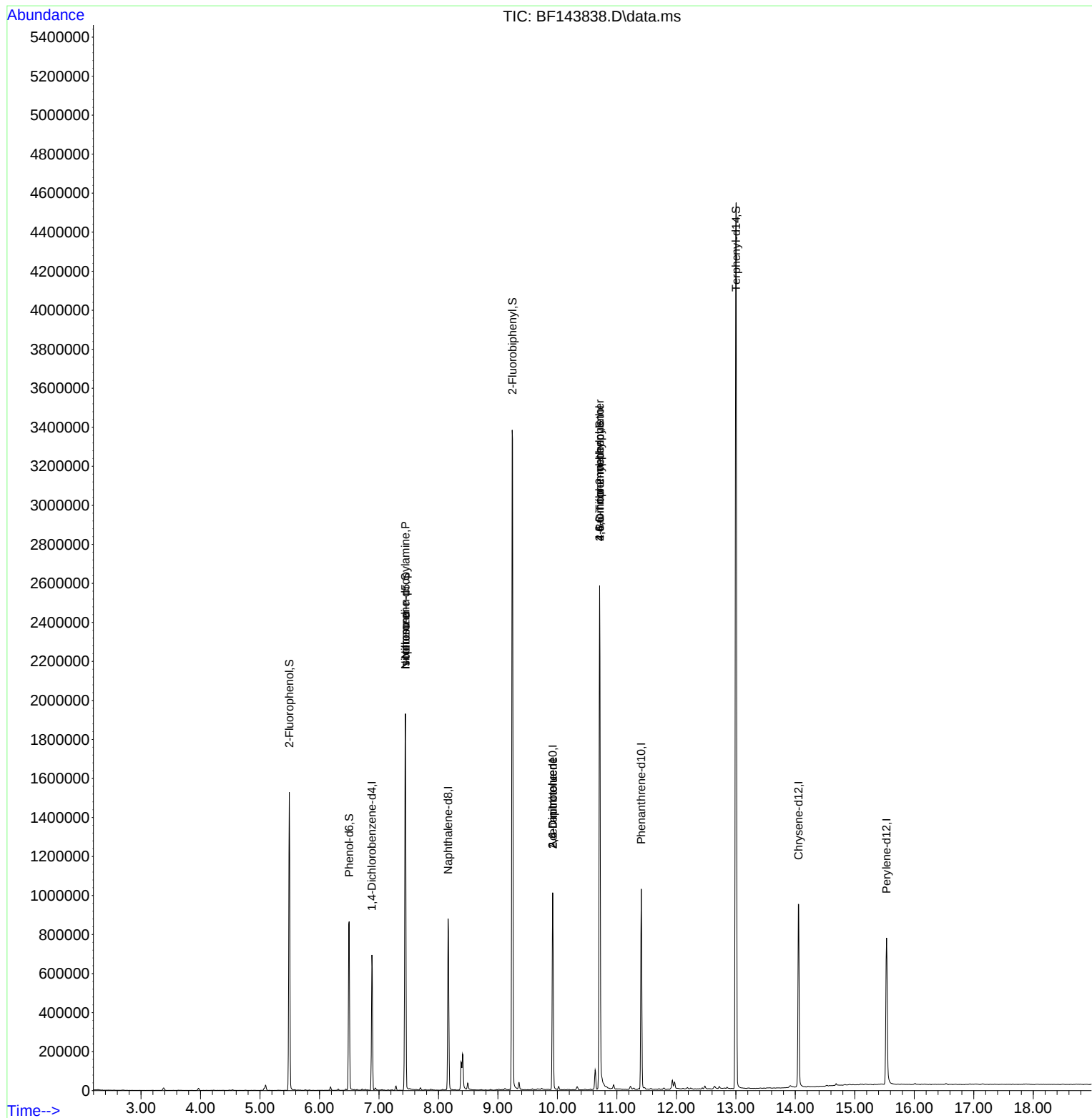
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	143060	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	546052	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	302570	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	531398	20.000	ng	0.00
76) Chrysene-d12	14.057	240	566979	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.446	70	118009	18.038	ng	# 69
25) Isophorone	7.446	82	818485	47.084	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	39331	12.981	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	39324	11.132	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	865	4.666	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	40766	4.502	ng	# 1

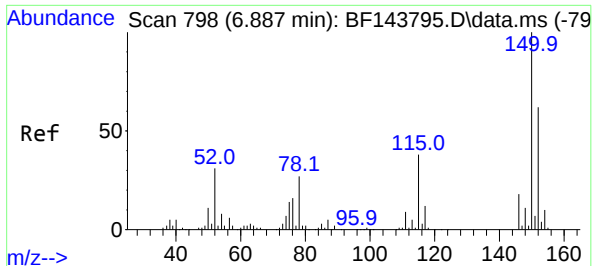
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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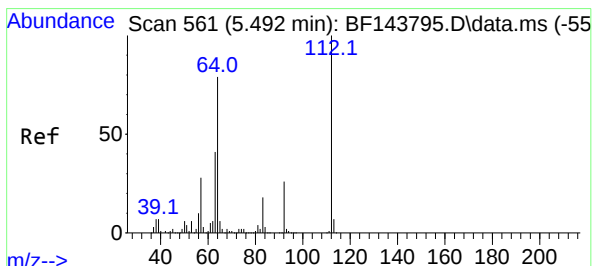
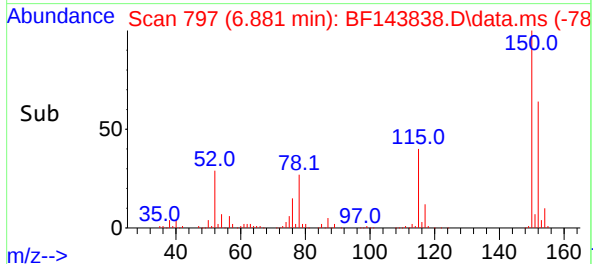
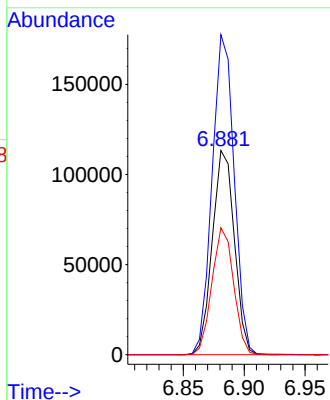
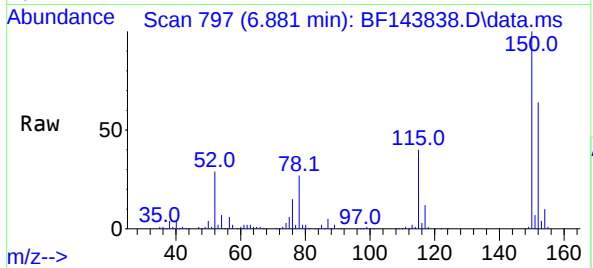




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

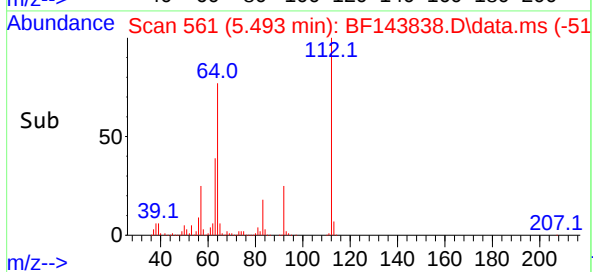
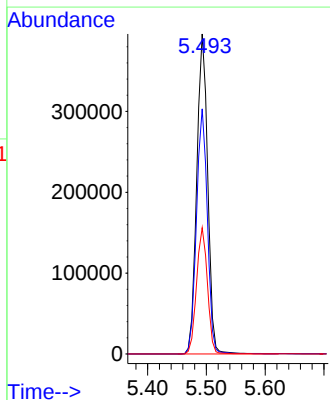
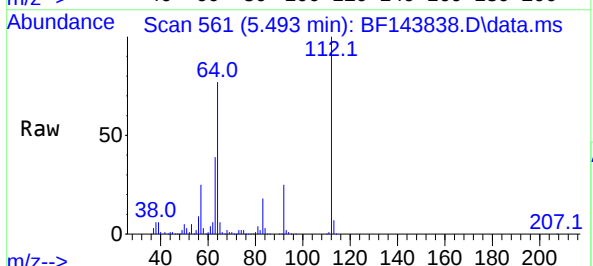
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

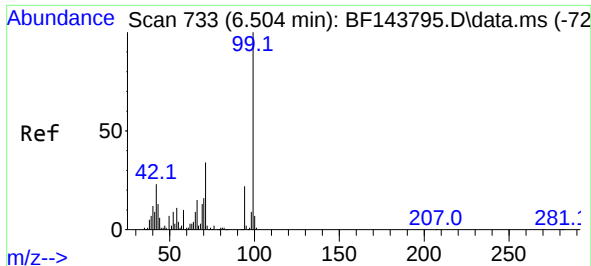
Tgt Ion:152 Resp: 143060
Ion Ratio Lower Upper
152 100
150 156.7 129.6 194.4
115 62.1 49.0 73.4



#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

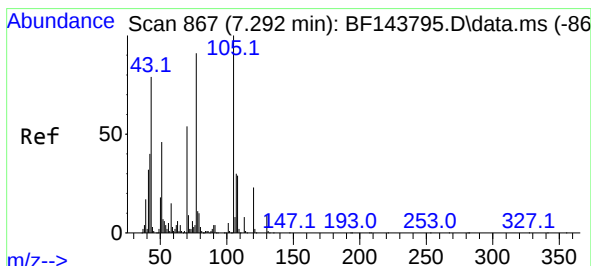
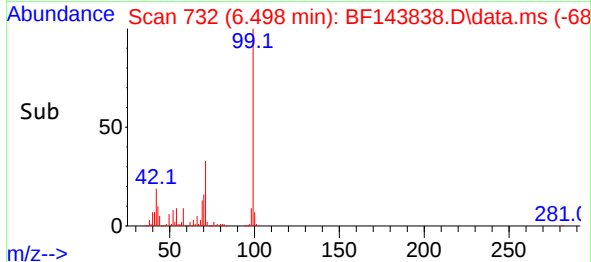
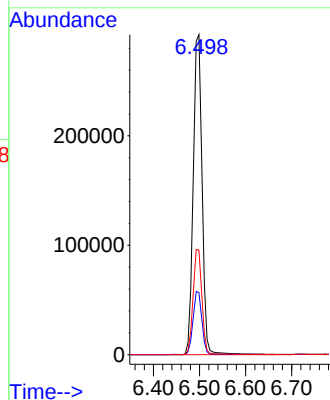
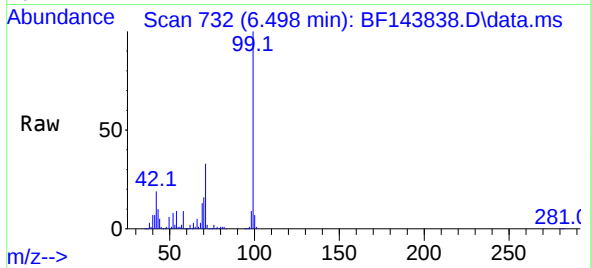




#7
Phenol-d6
Concen: 38.433 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

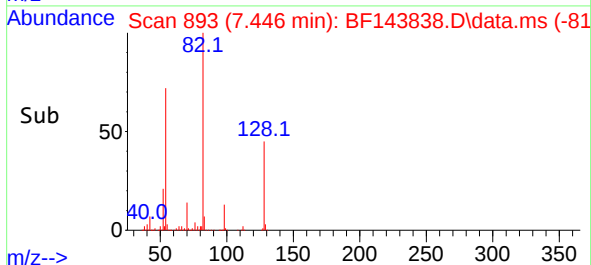
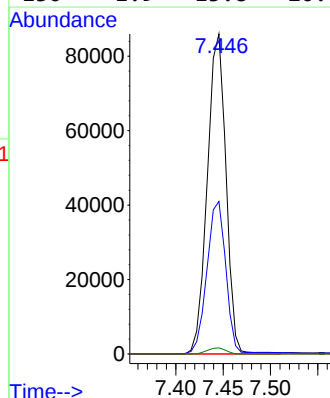
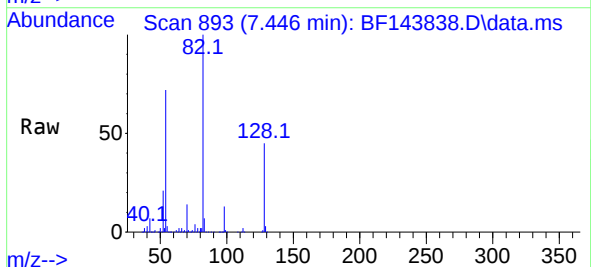
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

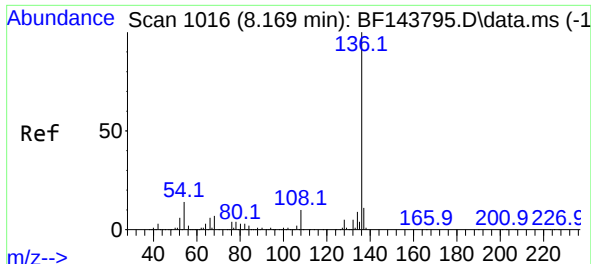
Tgt Ion: 99 Resp: 391015
Ion Ratio Lower Upper
99 100
42 19.4 18.6 28.0
71 32.7 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.038 ng
RT: 7.446 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Tgt Ion: 70 Resp: 118009
Ion Ratio Lower Upper
70 100
42 47.7 59.4 89.0#
101 0.0 7.1 10.7#
130 1.9 13.8 20.8#



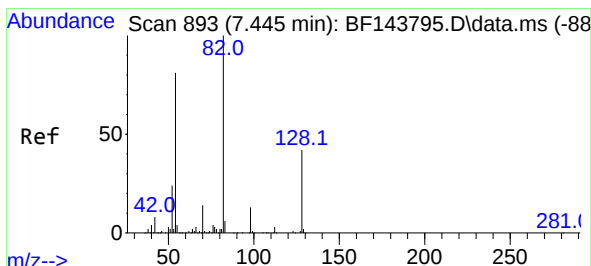
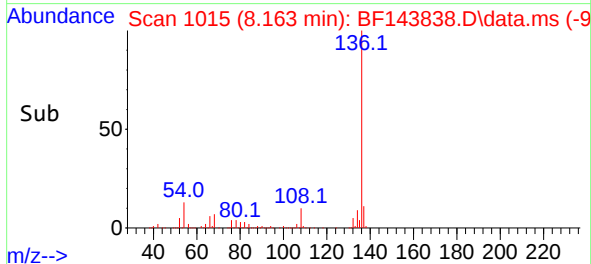
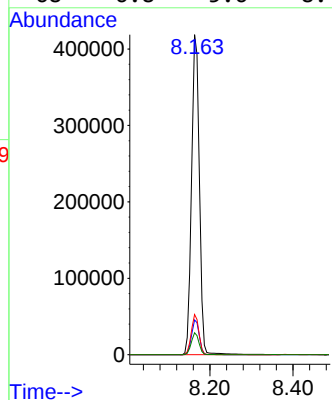
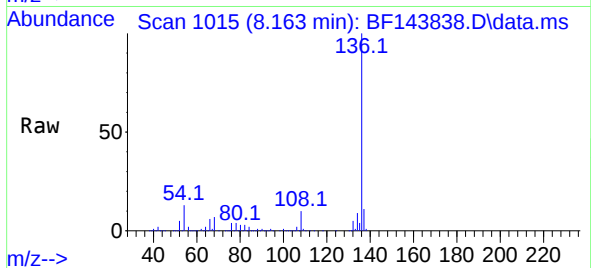


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

Tgt Ion:136 Resp: 546052

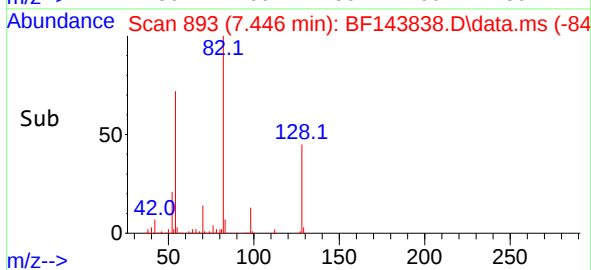
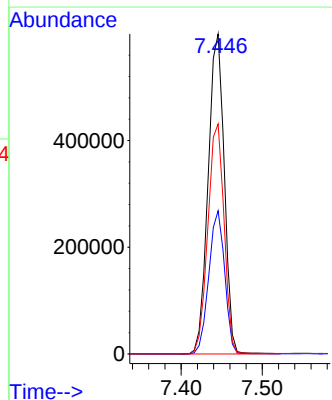
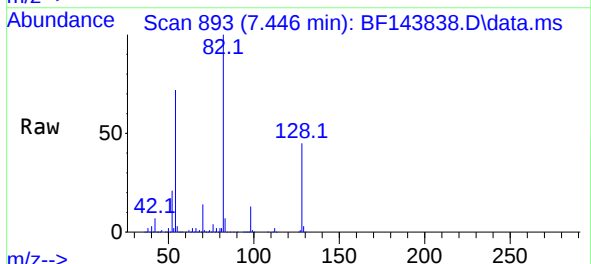
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	12.6	11.2	16.8
68	6.8	5.6	8.4

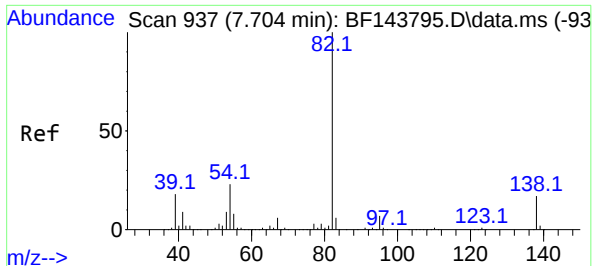


#23
Nitrobenzene-d5
Concen: 92.758 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

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

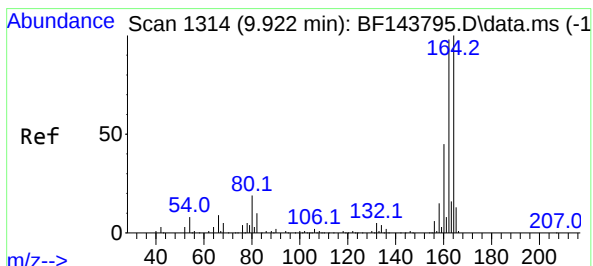
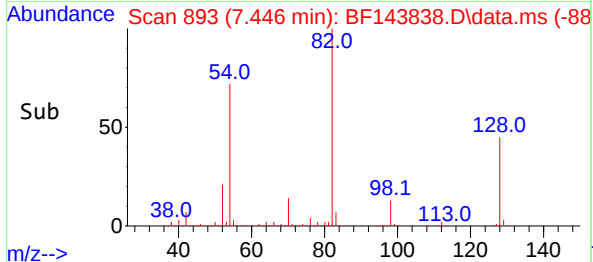
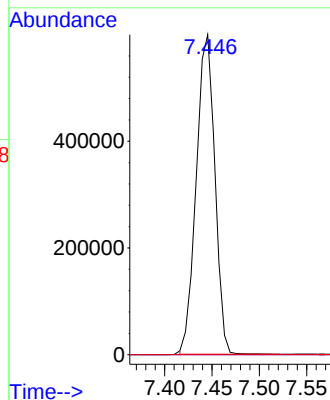
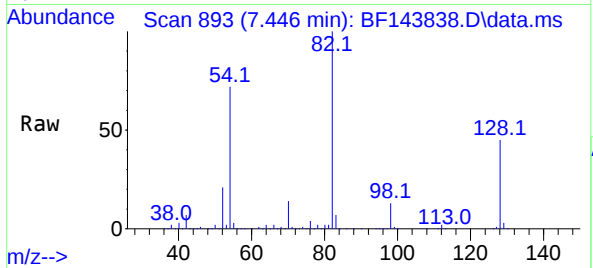




#25
Isophorone
Concen: 47.084 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.264 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

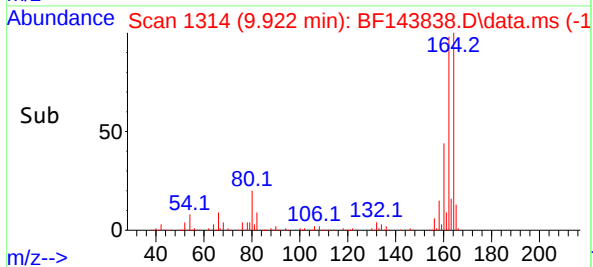
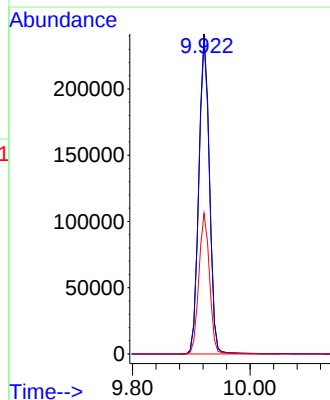
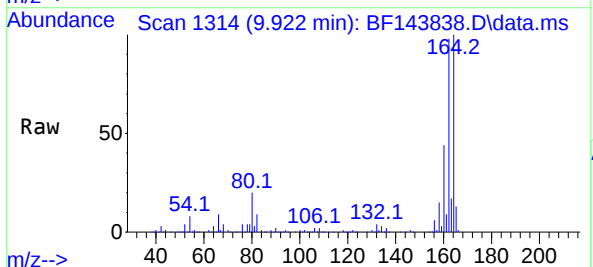
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

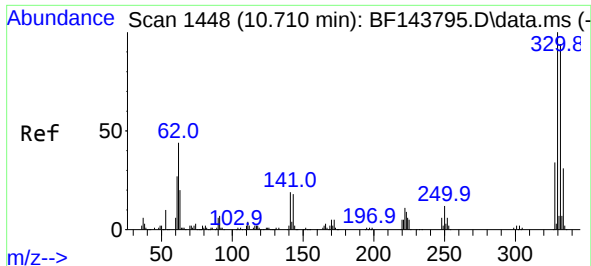
Tgt Ion: 82 Resp: 818485
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



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

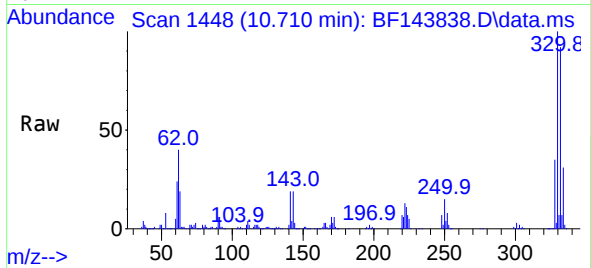
Tgt Ion:164 Resp: 302570
Ion Ratio Lower Upper
164 100
162 97.7 78.8 118.2
160 43.9 35.8 53.6



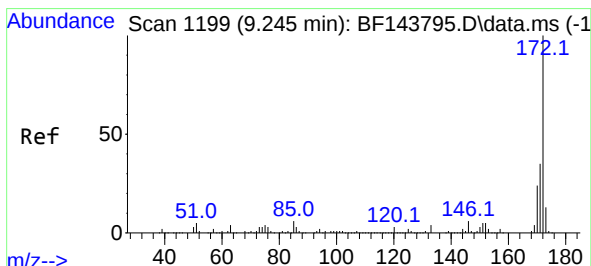
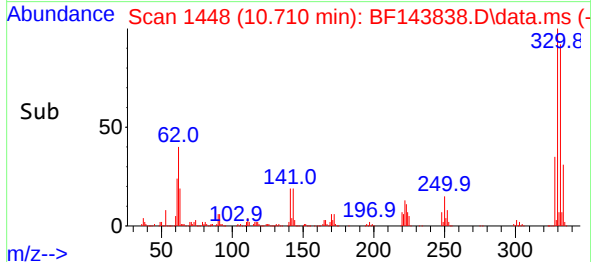
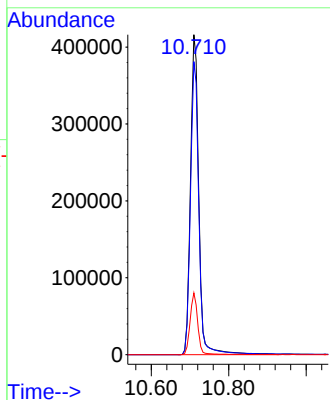


#42
2,4,6-Tribromophenol
Concen: 138.644 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

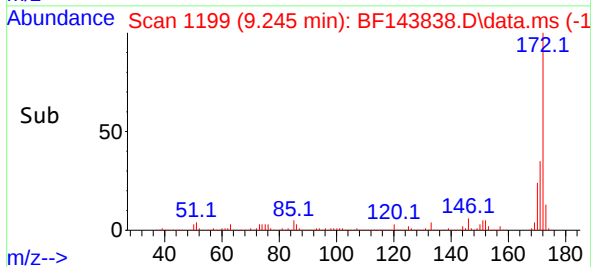
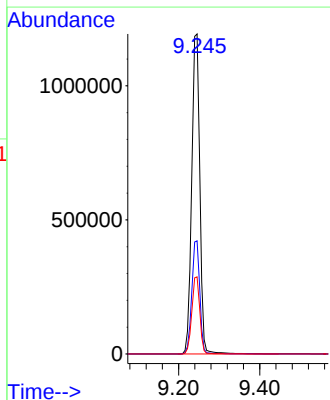
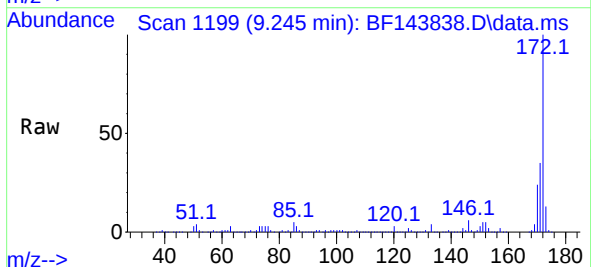


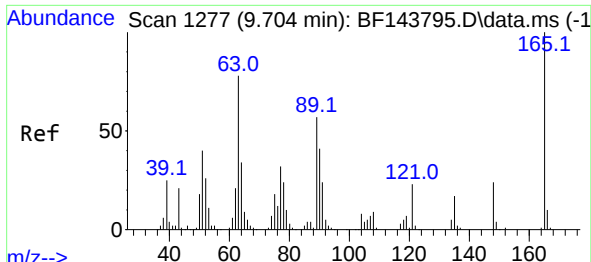
Tgt Ion:330 Resp: 621128
Ion Ratio Lower Upper
330 100
332 92.1 74.7 112.1
141 17.7 14.3 21.5



#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





#51

2,6-Dinitrotoluene

Concen: 12.981 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.218 min

Lab File: BF143838.D

Acq: 30 Sep 2025 17:36

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01

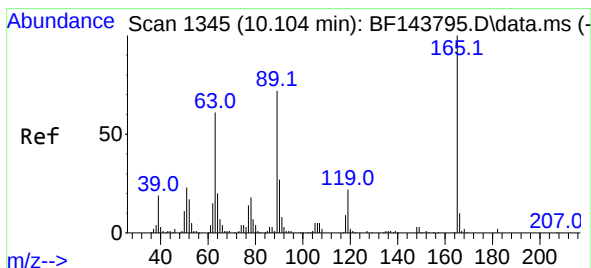
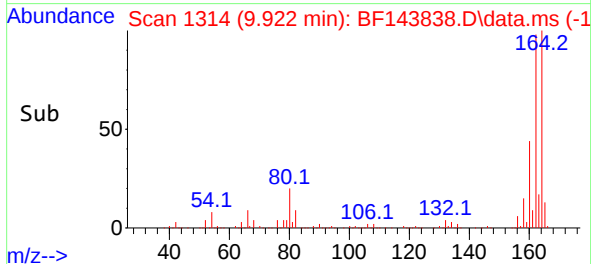
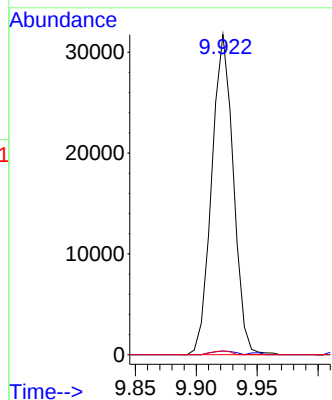
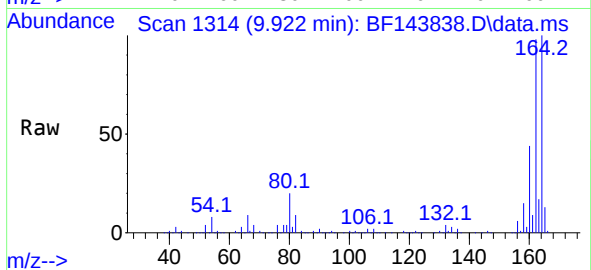
Tgt Ion:165 Resp: 39331

Ion Ratio Lower Upper

165 100

63 1.1 62.6 94.0#

89 1.2 45.2 67.8#



#57

2,4-Dinitrotoluene

Concen: 11.132 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.188 min

Lab File: BF143838.D

Acq: 30 Sep 2025 17:36

Tgt Ion:165 Resp: 39324

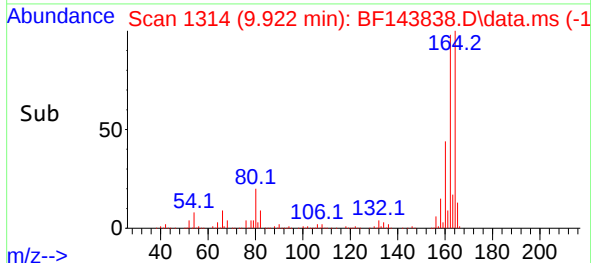
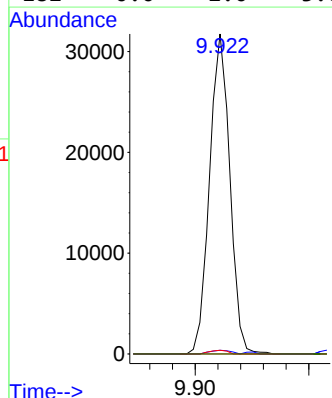
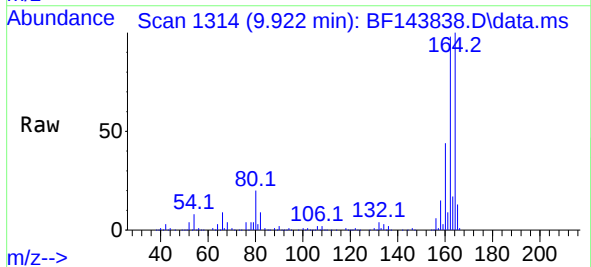
Ion Ratio Lower Upper

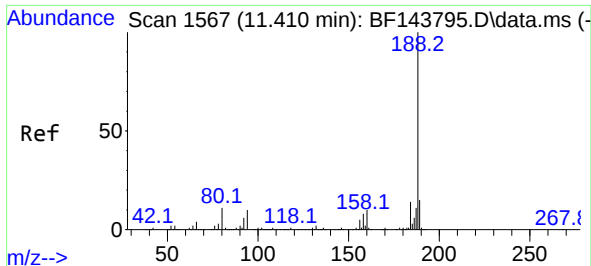
165 100

63 1.1 48.9 73.3#

89 1.2 57.5 86.3#

182 0.0 2.0 3.0#

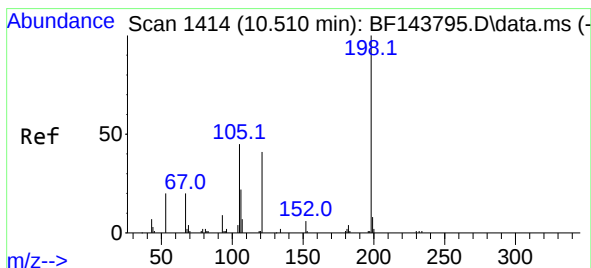
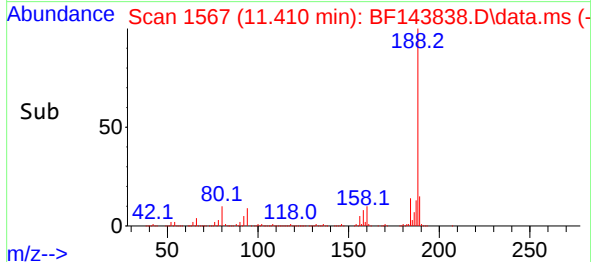
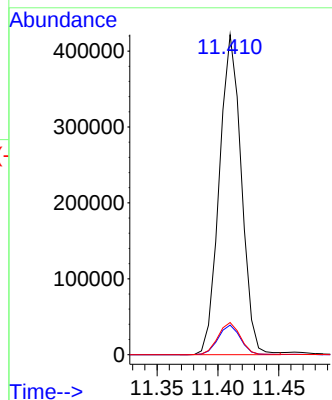
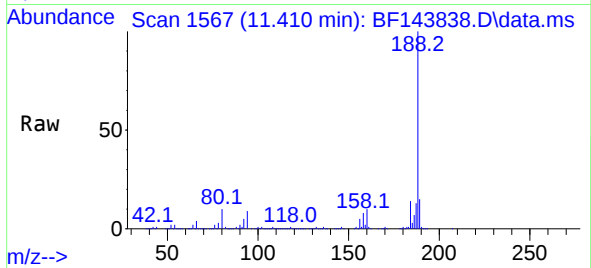




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

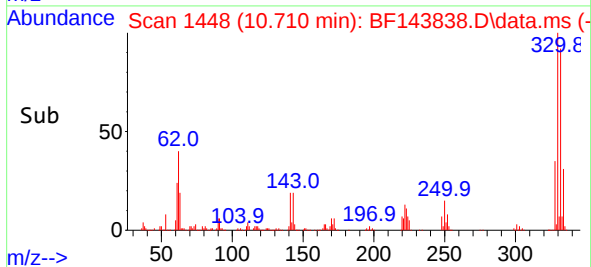
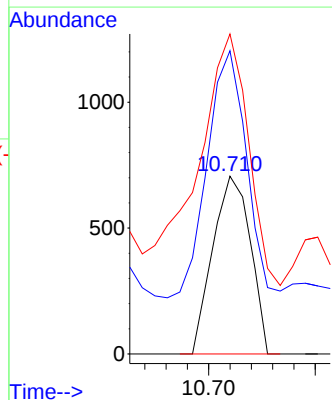
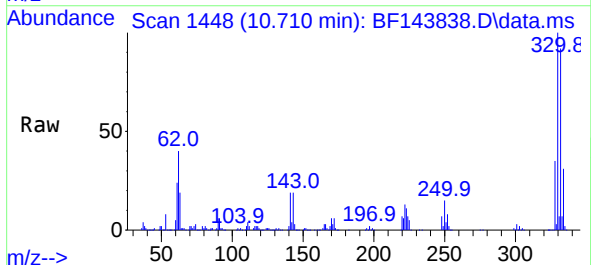
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01

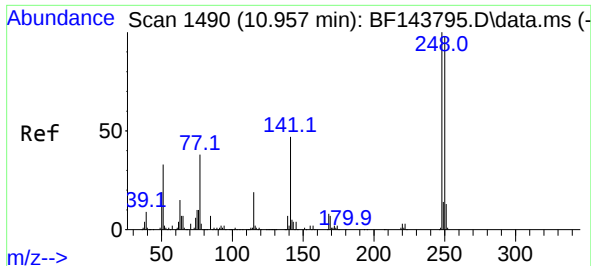
Tgt Ion:188 Resp: 531398
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.1 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.666 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

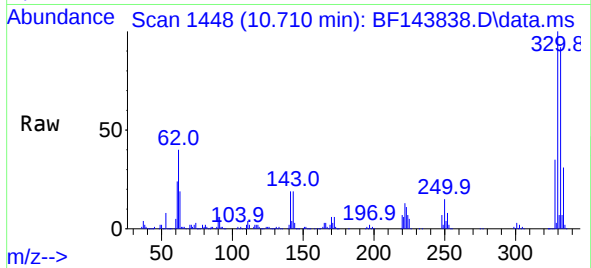
Tgt Ion:198 Resp: 865
Ion Ratio Lower Upper
198 100
51 170.5 52.0 92.0#
105 180.0 27.5 67.5#



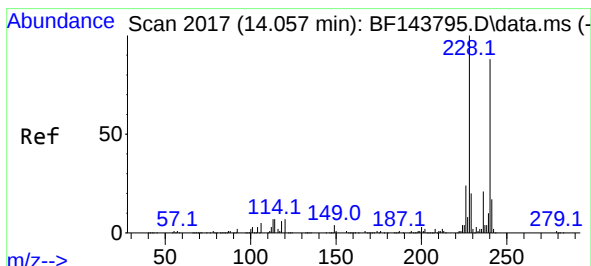
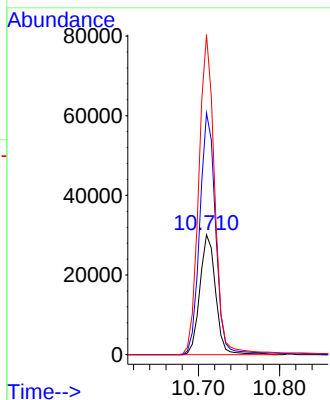
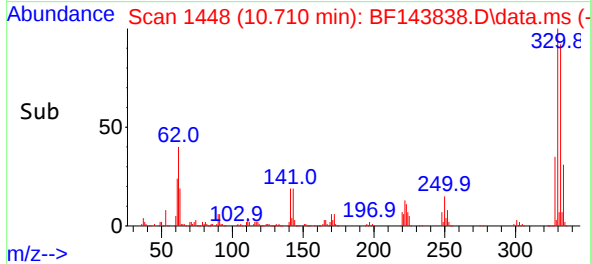


#67
4-Bromophenyl-phenylether
Concen: 4.502 ng
RT: 10.710 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36

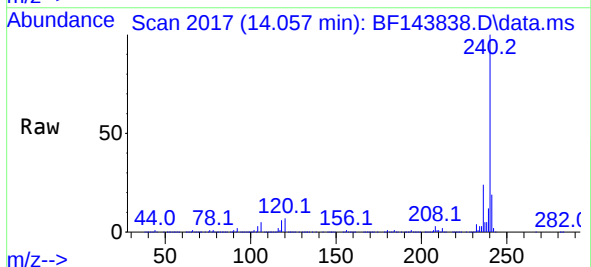
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01



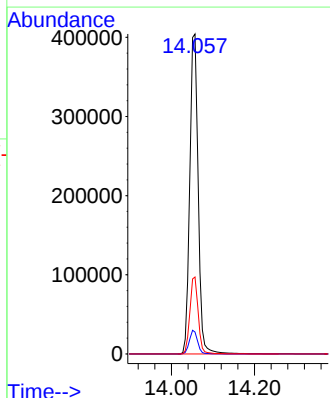
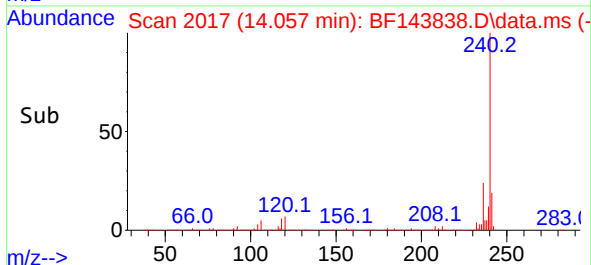
Tgt Ion:248 Resp: 40766
Ion Ratio Lower Upper
248 100
250 201.3 78.7 118.1#
141 266.5 37.9 56.9#

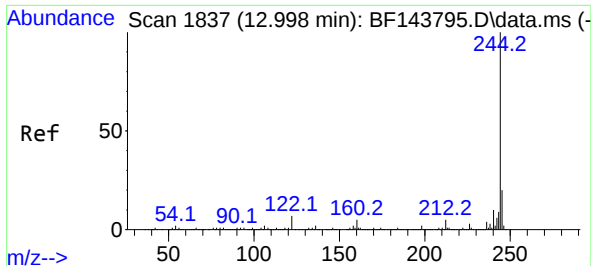


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143838.D
Acq: 30 Sep 2025 17:36



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

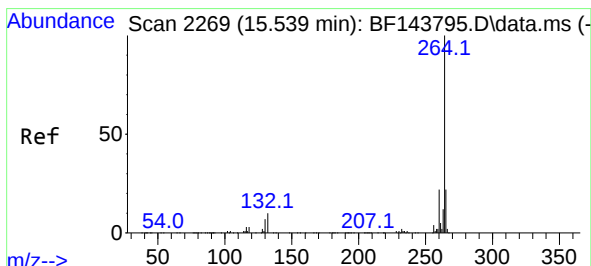
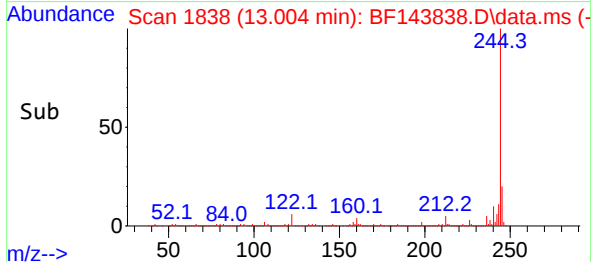
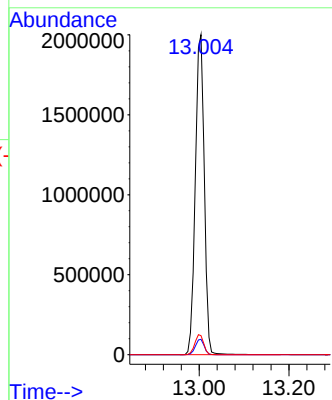
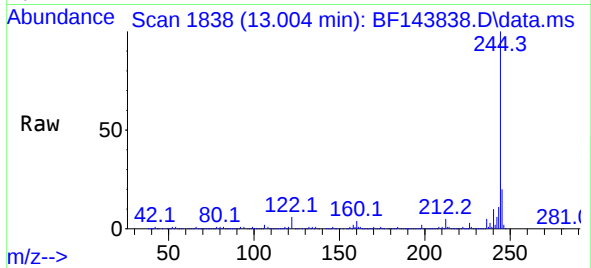




#79
 Terphenyl-d14
 Concen: 99.330 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF143838.D
 Acq: 30 Sep 2025 17:36

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

