

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)

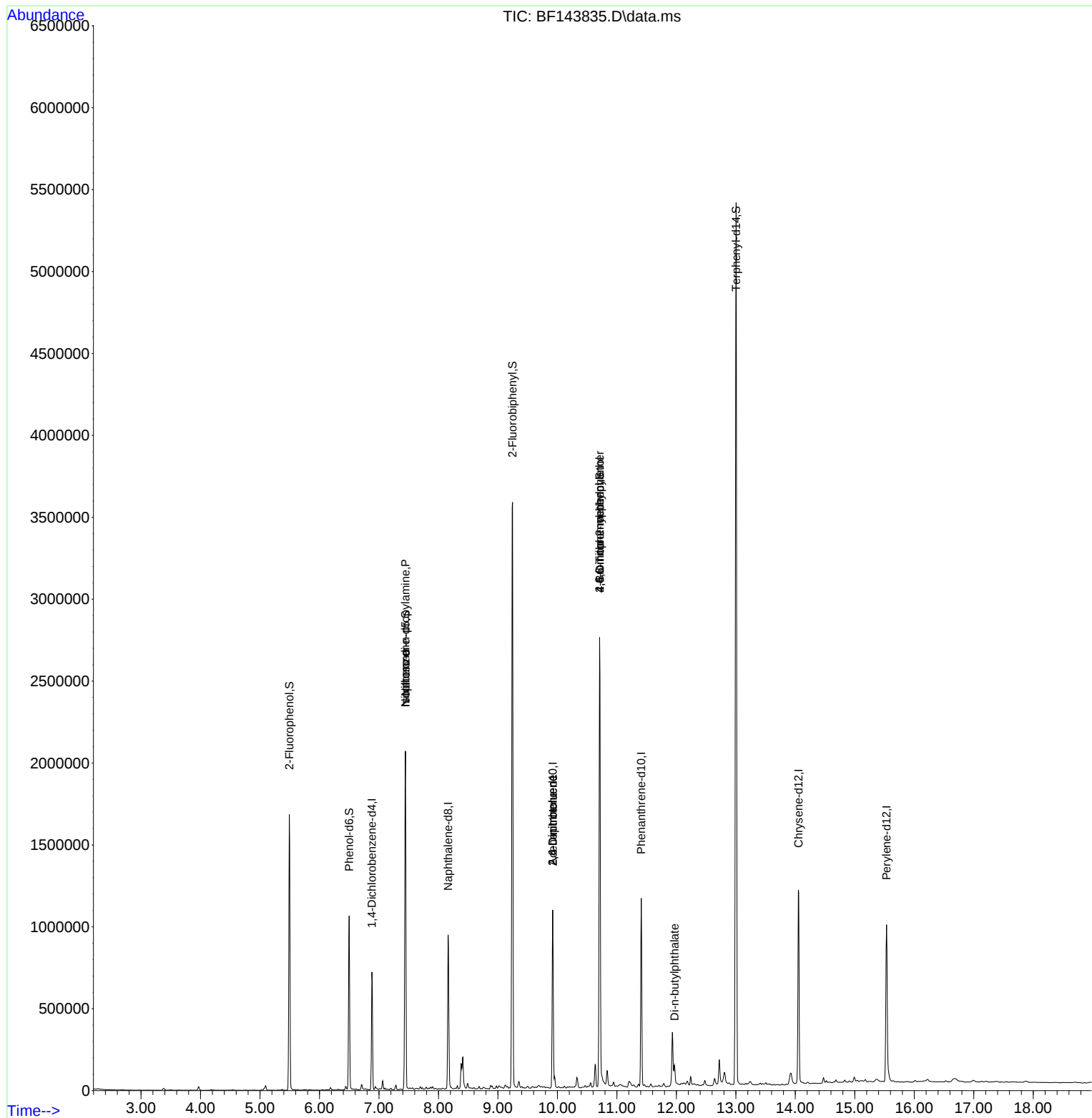
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	147604	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	574615	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	323392	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	592553	20.000	ng	0.00
76) Chrysene-d12	14.057	240	701213	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	127005	18.815	ng	# 68
25) Isophorone	7.445	82	873489	47.750	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	42511	13.127	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	42629	11.249	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1059	4.715	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	48028	4.756	ng	# 1
74) Di-n-butylphthalate	11.969	149	74821	2.438	ng	100

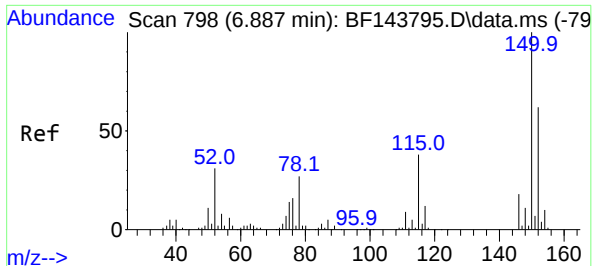
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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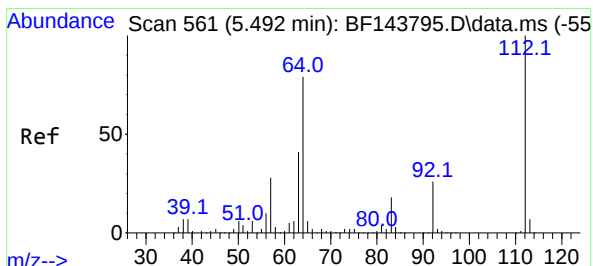
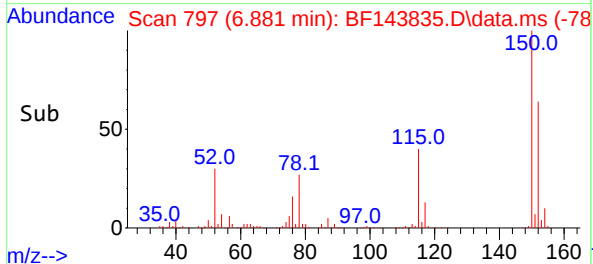
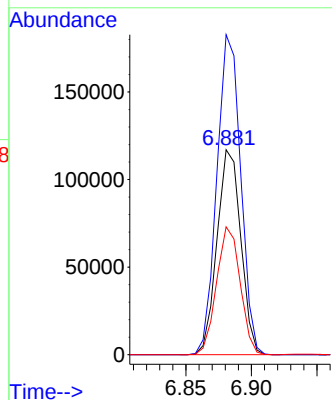
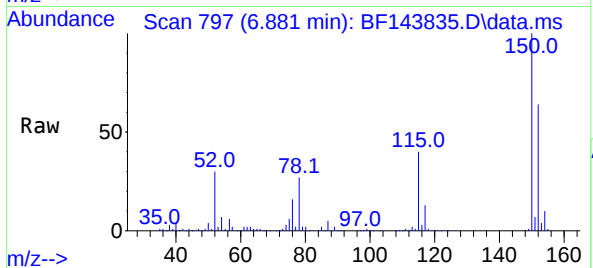




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

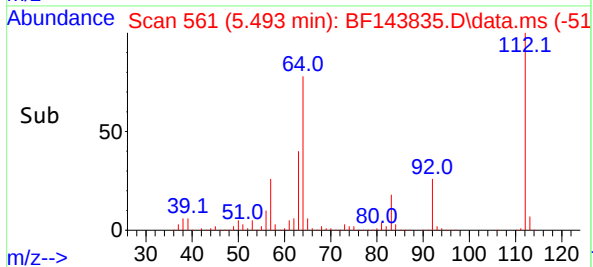
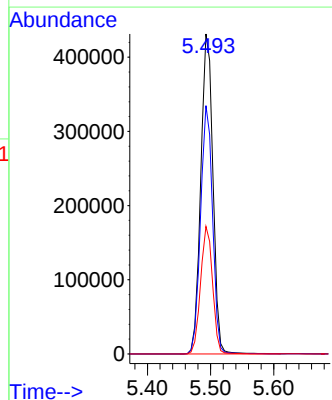
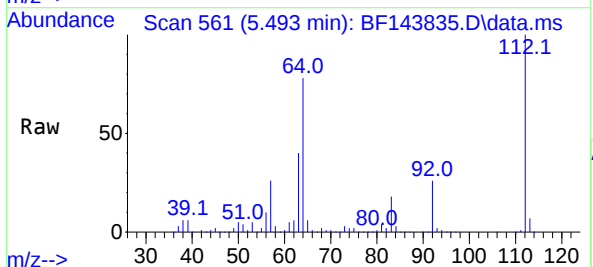
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

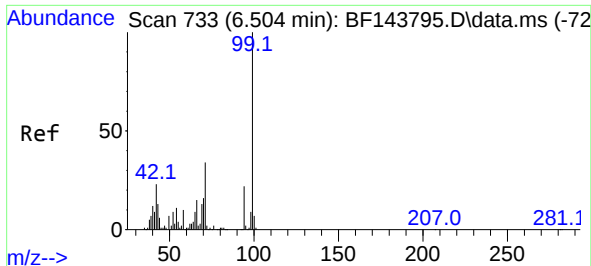
Tgt Ion:152 Resp: 147604
Ion Ratio Lower Upper
152 100
150 156.1 129.6 194.4
115 62.4 49.0 73.4



#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

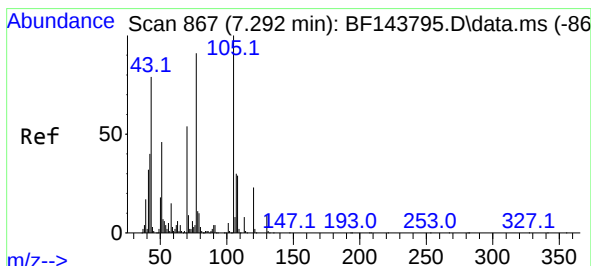
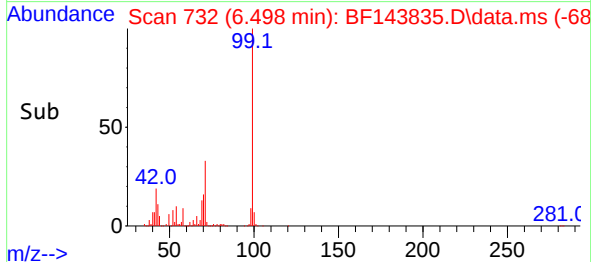
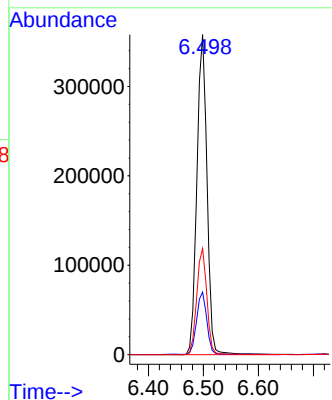
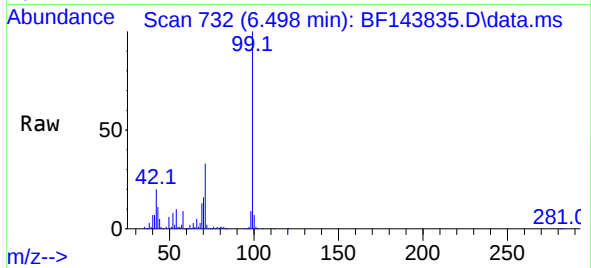




#7
Phenol-d6
Concen: 43.728 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

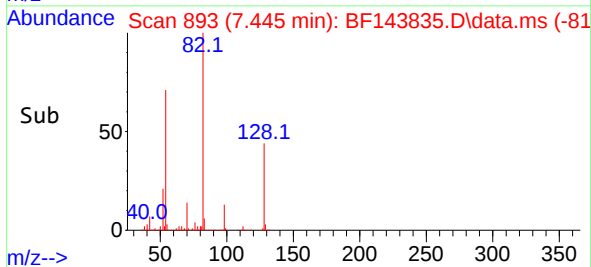
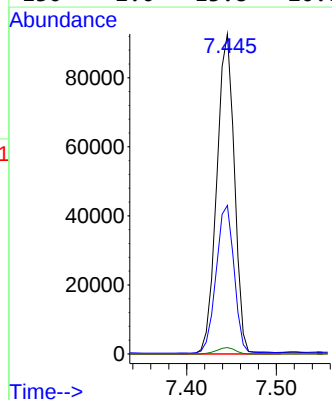
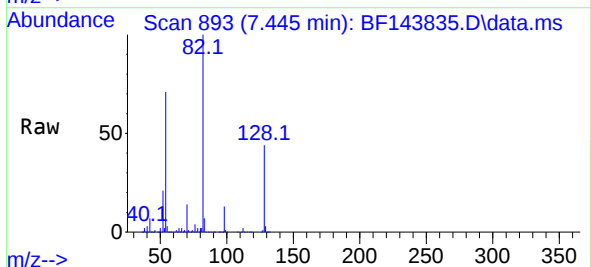
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

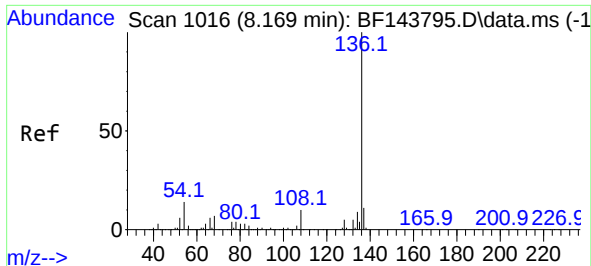
Tgt Ion: 99 Resp: 459016
Ion Ratio Lower Upper
99 100
42 19.6 18.6 28.0
71 33.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.815 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Tgt Ion: 70 Resp: 127005
Ion Ratio Lower Upper
70 100
42 46.4 59.4 89.0#
101 0.0 7.1 10.7#
130 2.0 13.8 20.8#



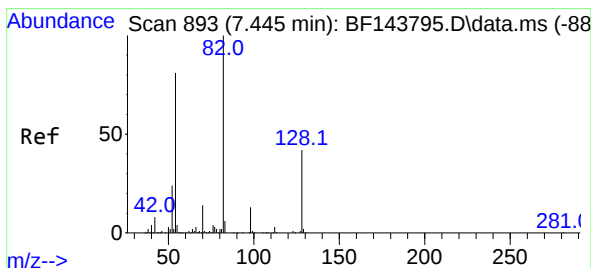
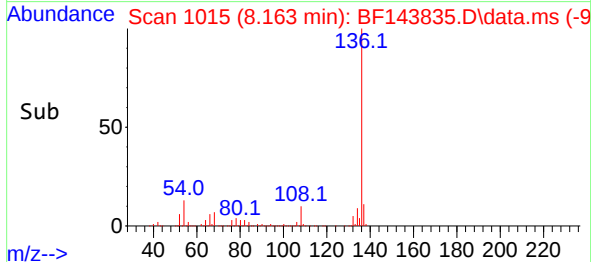
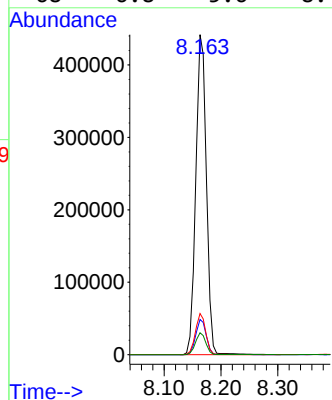
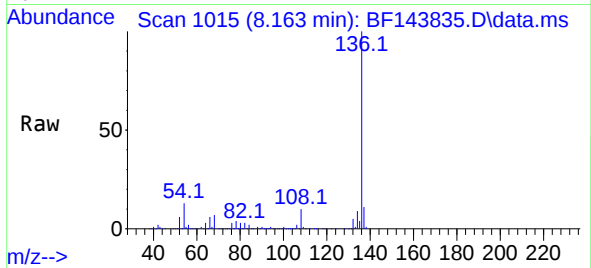


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Tgt Ion:136 Resp: 574615

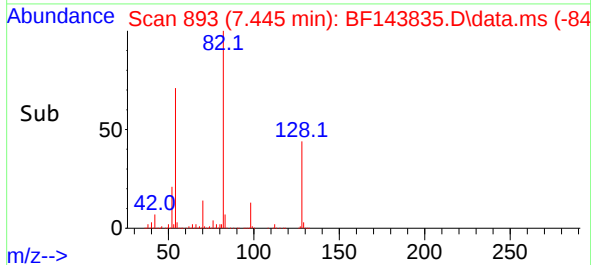
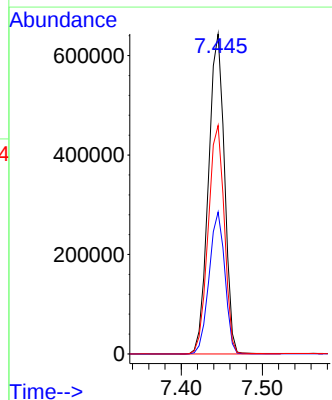
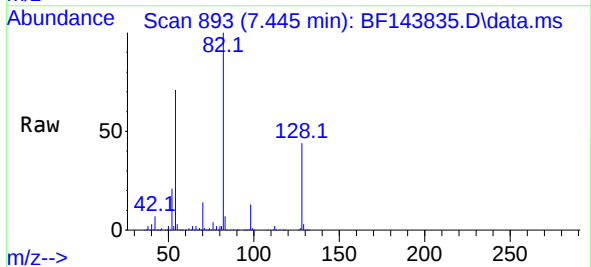
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	12.9	11.2	16.8
68	6.8	5.6	8.4

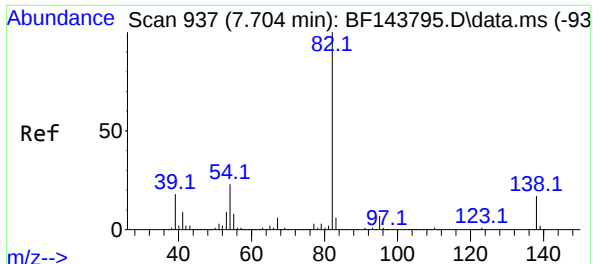


#23
Nitrobenzene-d5
Concen: 93.984 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

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

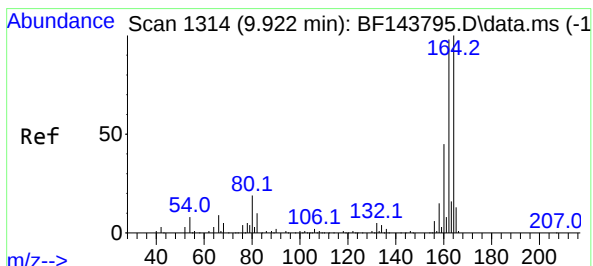
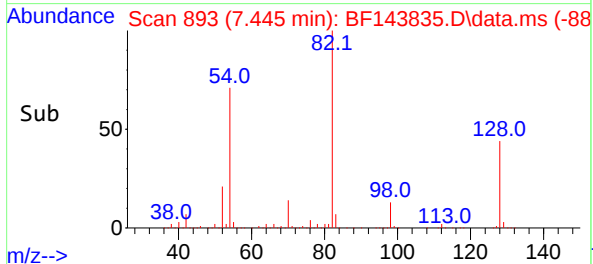
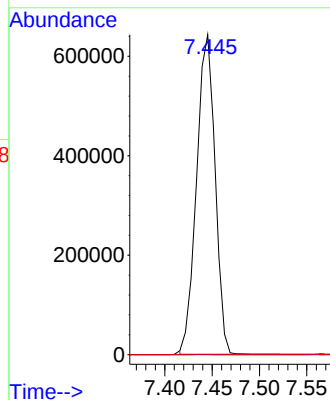
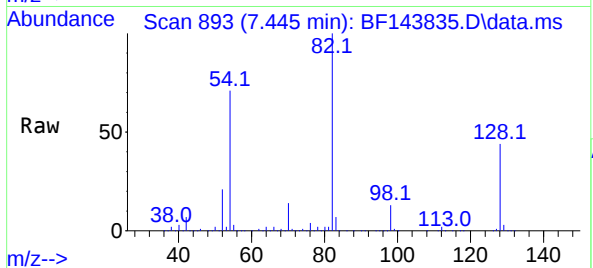




#25
Isophorone
Concen: 47.750 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

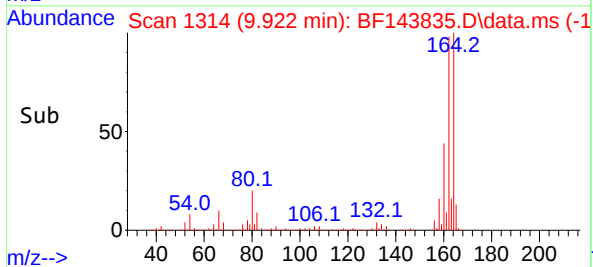
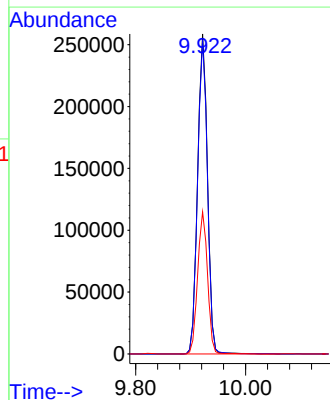
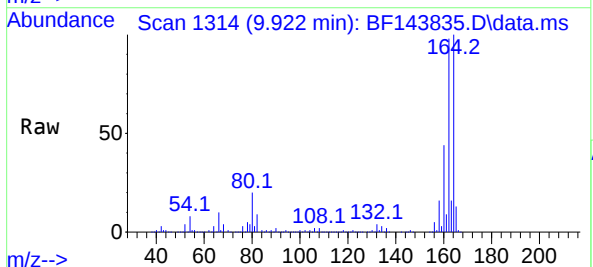
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

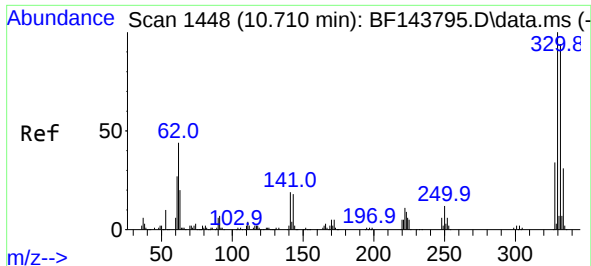
Tgt Ion: 82 Resp: 873489
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



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

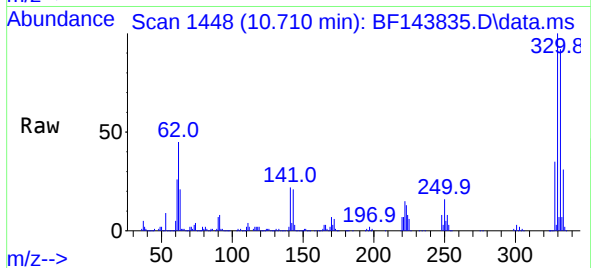
Tgt Ion:164 Resp: 323392
Ion Ratio Lower Upper
164 100
162 98.1 78.8 118.2
160 44.4 35.8 53.6



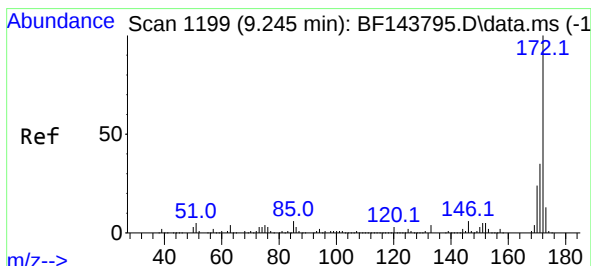
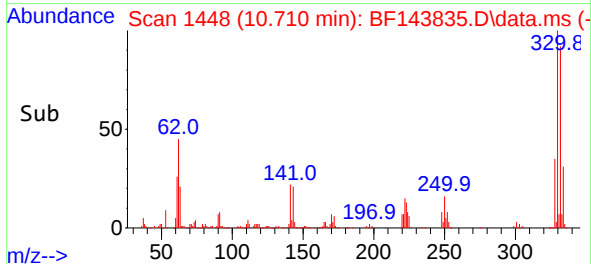
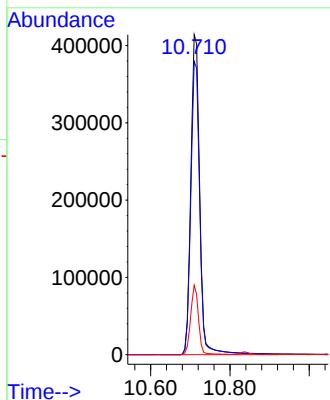


#42
2,4,6-Tribromophenol
Concen: 135.705 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

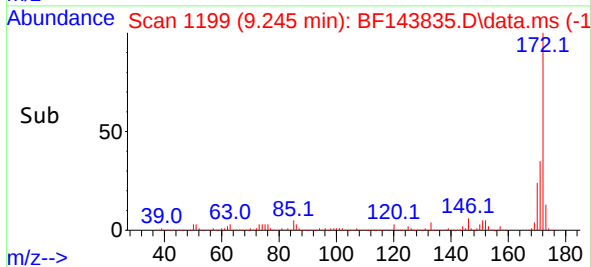
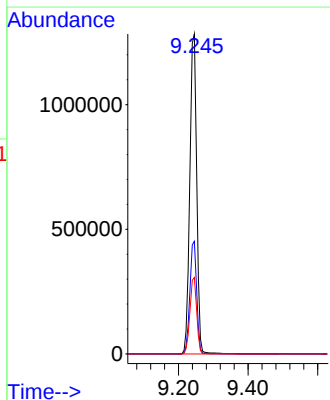
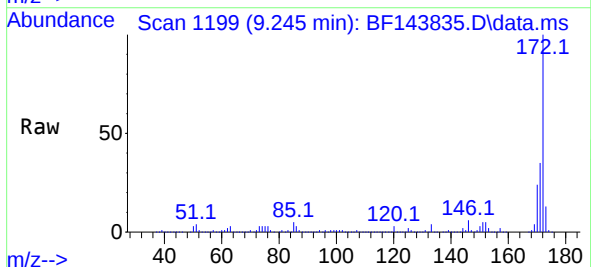


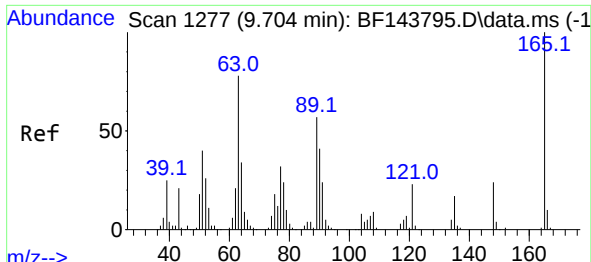
Tgt Ion:330 Resp: 649802
Ion Ratio Lower Upper
330 100
332 92.5 74.7 112.1
141 19.1 14.3 21.5



#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

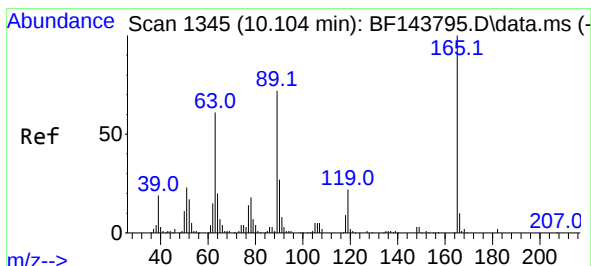
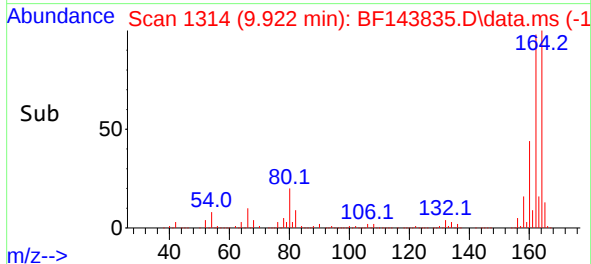
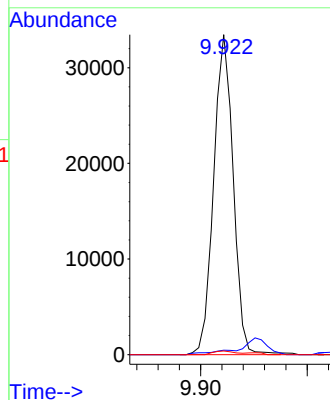
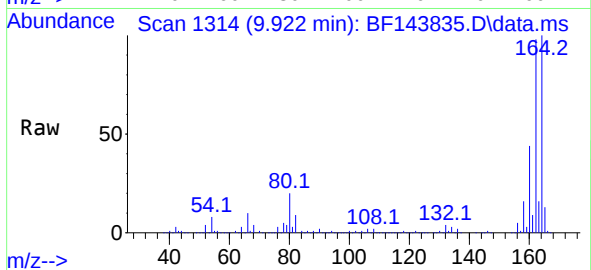




#51
2,6-Dinitrotoluene
Concen: 13.127 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.218 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

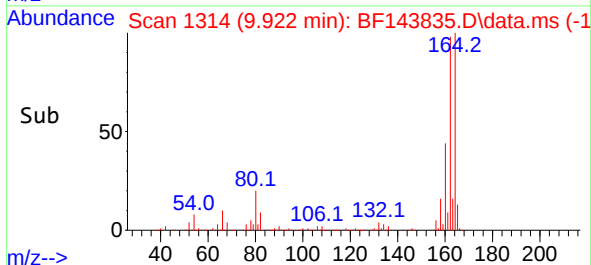
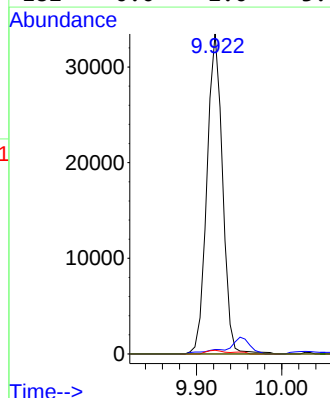
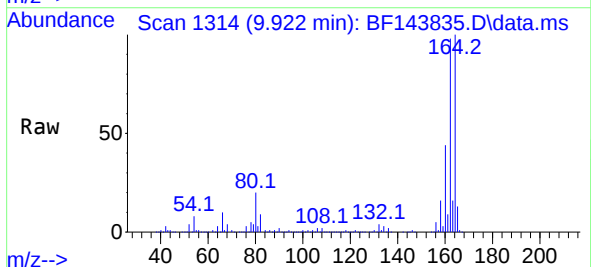
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BNA_F
ClientSampleId :
EME-TS12-01

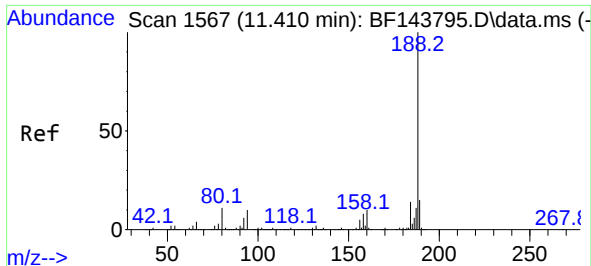
Tgt Ion:165 Resp: 42511
Ion Ratio Lower Upper
165 100
63 1.4 62.6 94.0#
89 1.2 45.2 67.8#



#57
2,4-Dinitrotoluene
Concen: 11.249 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Tgt Ion:165 Resp: 42629
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 57.5 86.3#
182 0.0 2.0 3.0#

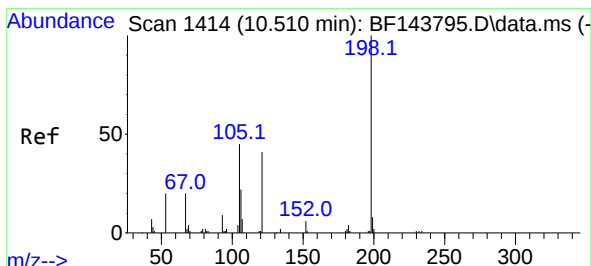
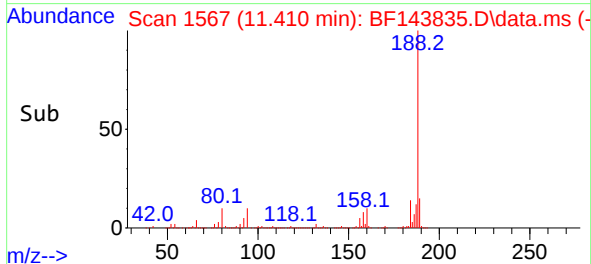
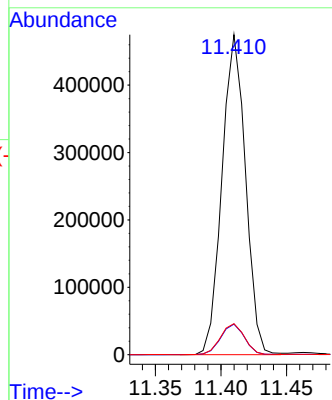
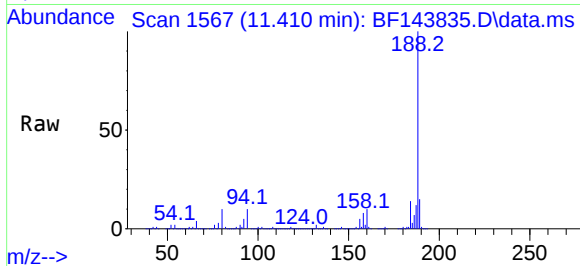




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

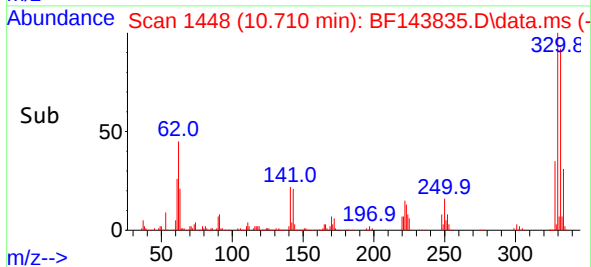
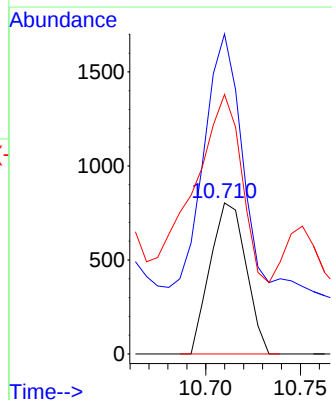
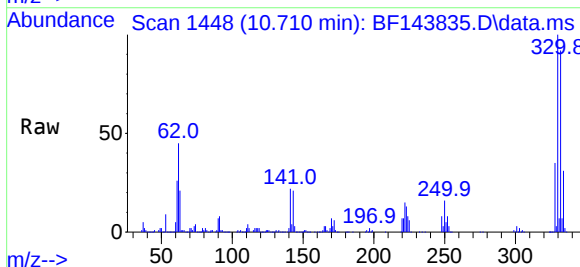
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

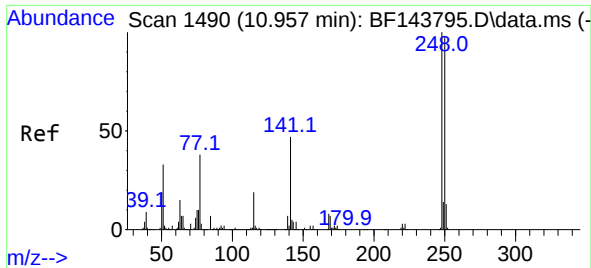
Tgt Ion:188 Resp: 592553
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.7 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.715 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

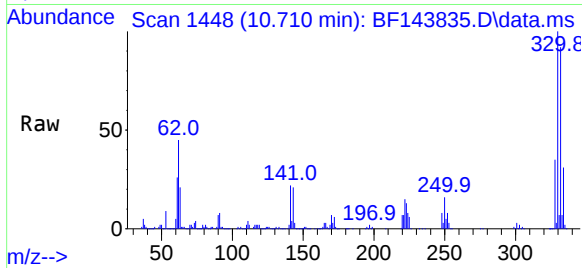
Tgt Ion:198 Resp: 1059
Ion Ratio Lower Upper
198 100
51 212.0 52.0 92.0#
105 171.9 27.5 67.5#



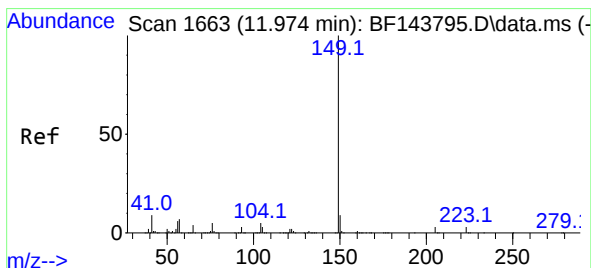
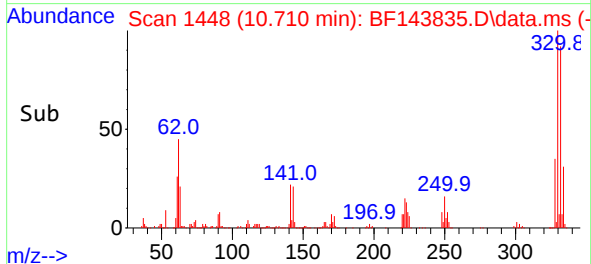
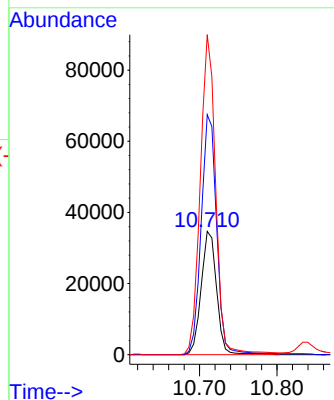


#67
4-Bromophenyl-phenylether
Concen: 4.756 ng
RT: 10.710 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

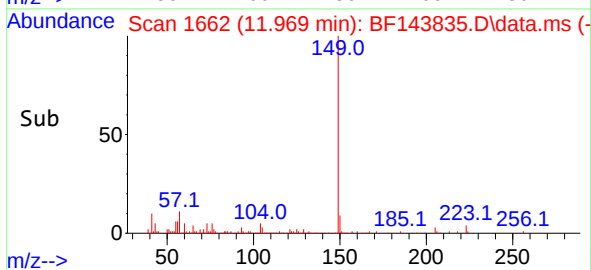
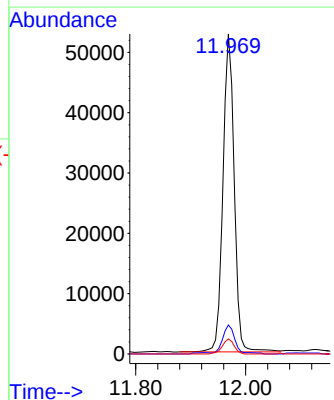
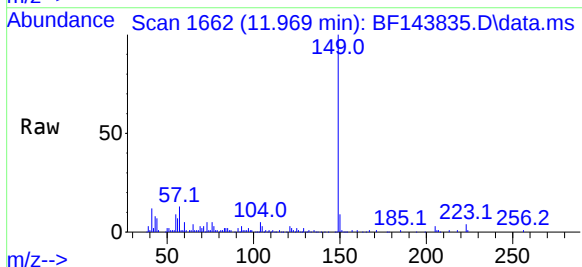


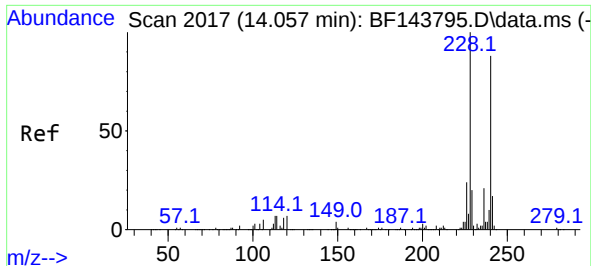
Tgt Ion:248 Resp: 48028
Ion Ratio Lower Upper
248 100
250 194.6 78.7 118.1#
141 259.4 37.9 56.9#



#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

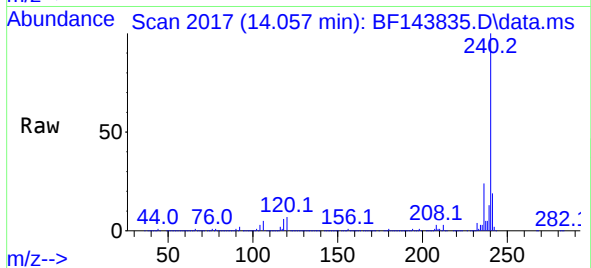
Tgt Ion:149 Resp: 74821
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.6 5.4



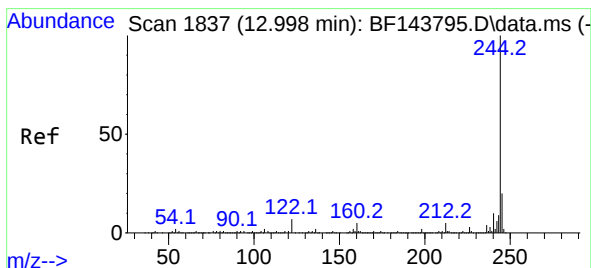
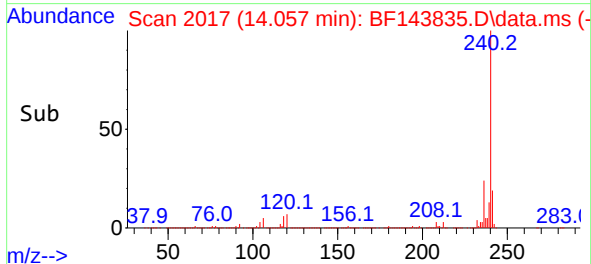
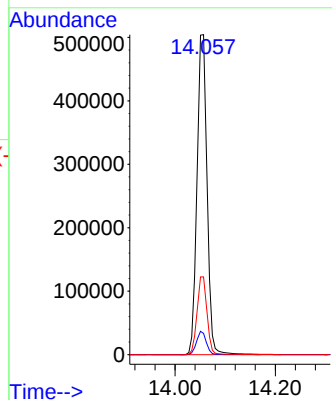


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143835.D
Acq: 30 Sep 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

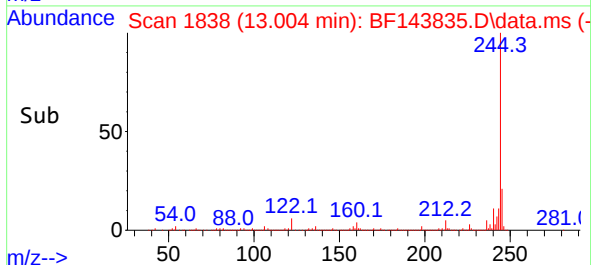
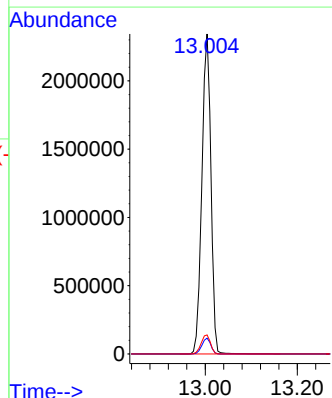
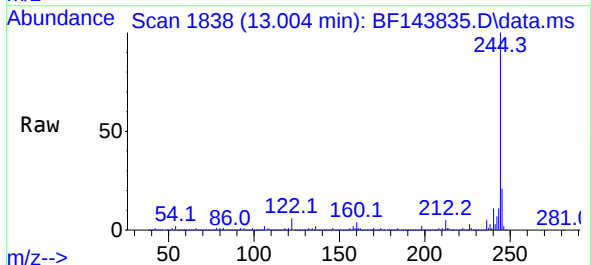


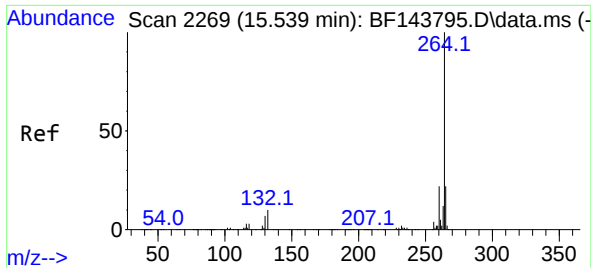
Tgt Ion:240 Resp: 701213
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.4
236 24.3 19.4 29.2



#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 :
 BNA_F
 ClientSampleId :
 EME-TS12-01

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

