

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144278.D
 Acq On : 19 Nov 2025 14:26
 Operator : RC/JU
 Sample : Q3618-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILLMS

Quant Time: Nov 19 15:00:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

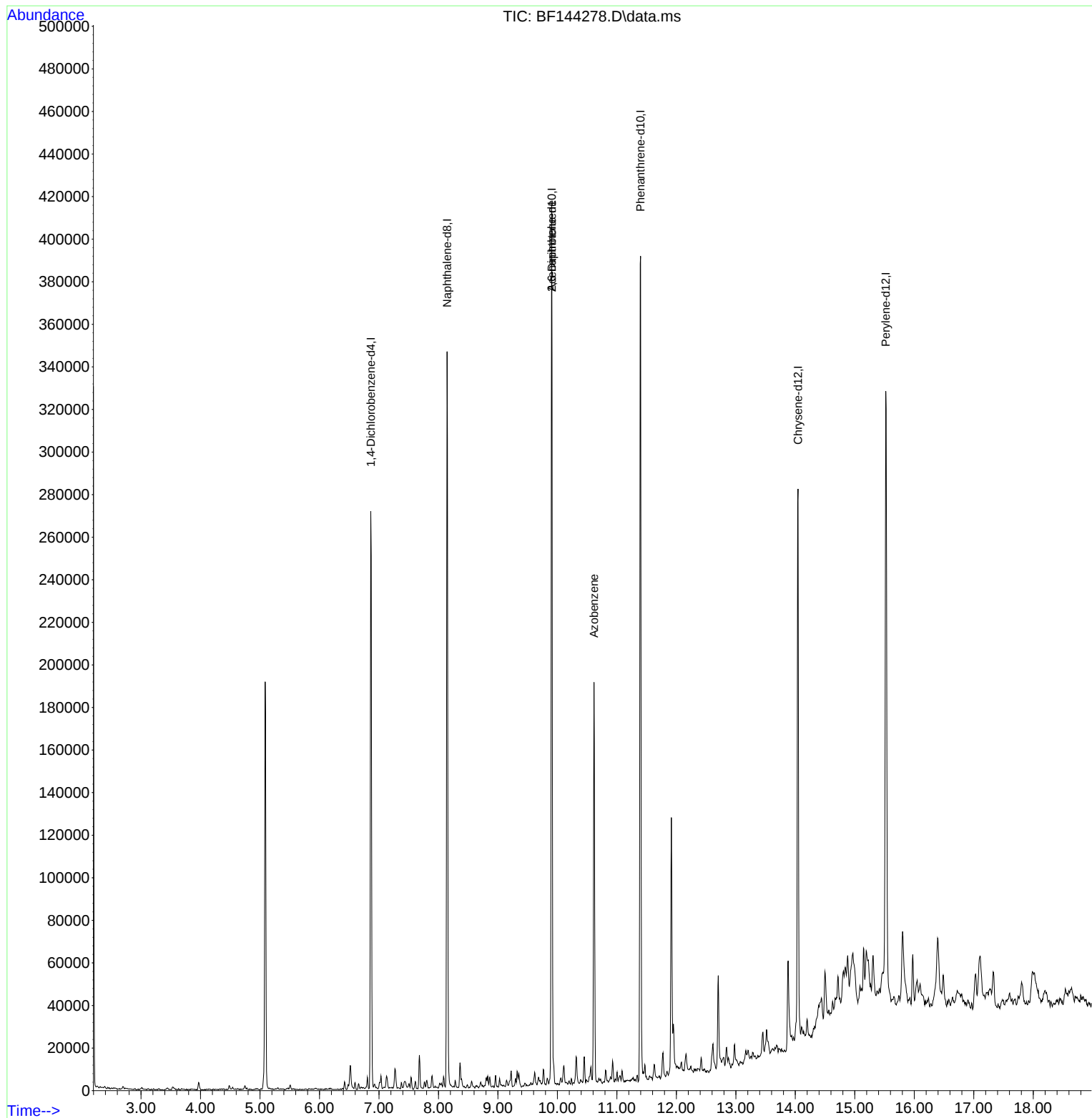
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58522	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	227691	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128111	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	221165	20.000	ng	0.00
76) Chrysene-d12	14.045	240	132804	20.000	ng	0.00
86) Perylene-d12	15.521	264	173128	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1117	0.299	ng	0.02
7) Phenol-d6	6.504	99	1195	0.282	ng	0.00
23) Nitrobenzene-d5	7.428	82	1128	0.286	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	255	0.159	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3762	0.434	ng	0.00
79) Terphenyl-d14	12.980	244	4661	0.557	ng	-0.01
Target Compounds						
					Qvalue	
51) 2,6-Dinitrotoluene	9.904	165	16887	9.829	ng	# 27
63) Azobenzene	10.616	77	47576	6.534	ng	# 1

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

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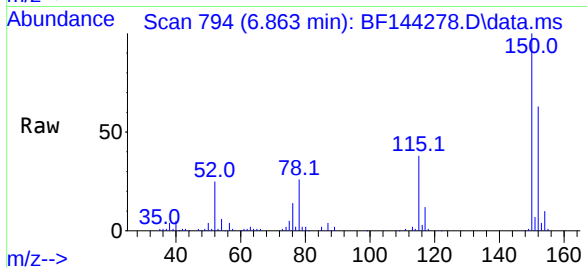
Quant Time: Nov 19 15:00:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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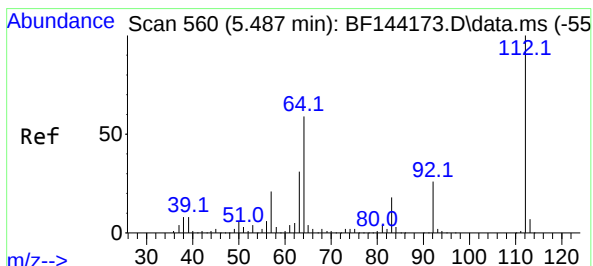
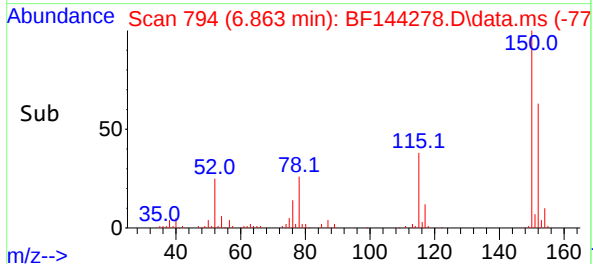
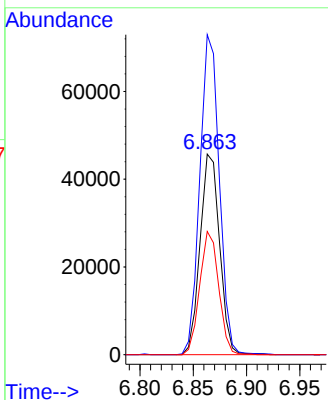


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMS

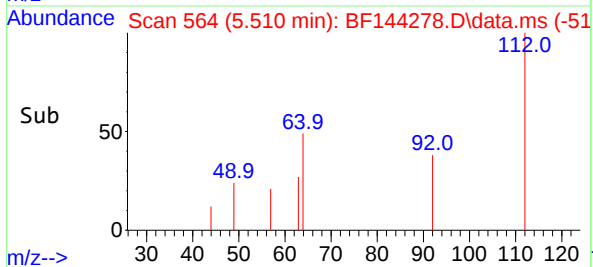
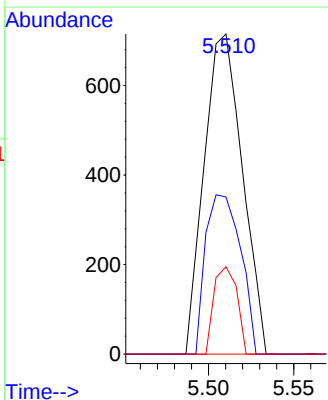
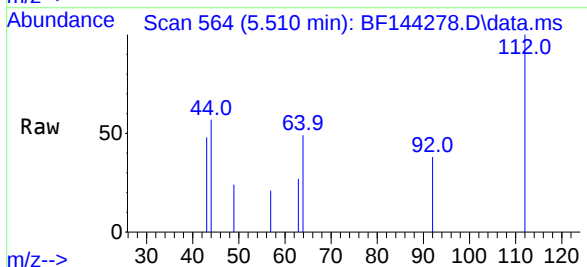


Tgt Ion:152 Resp: 58522
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 61.4 49.5 74.3



#5
2-Fluorophenol
Concen: 0.299 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

Tgt Ion:112 Resp: 1117
Ion Ratio Lower Upper
112 100
64 49.1 47.2 70.8
63 27.3 24.4 36.6

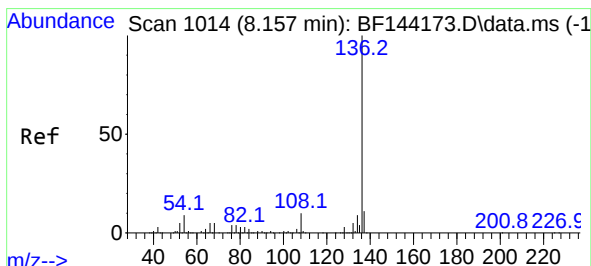
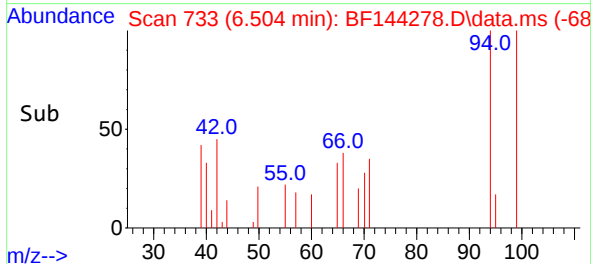
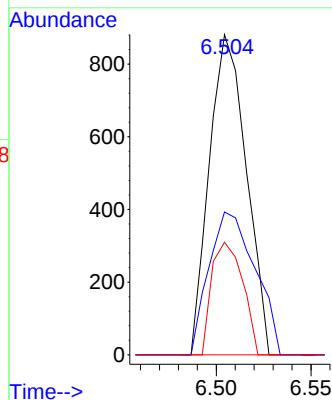
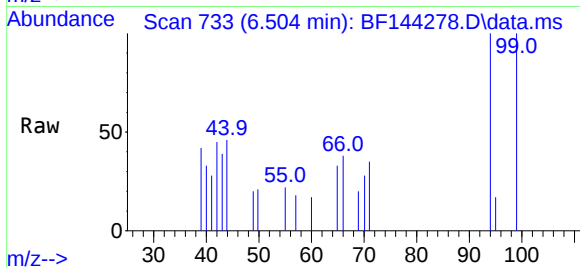




#7
Phenol-d6
Concen: 0.282 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

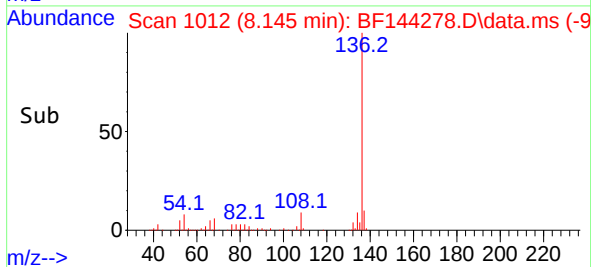
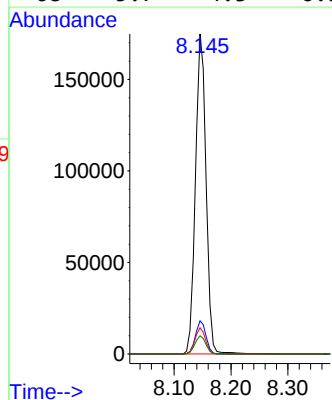
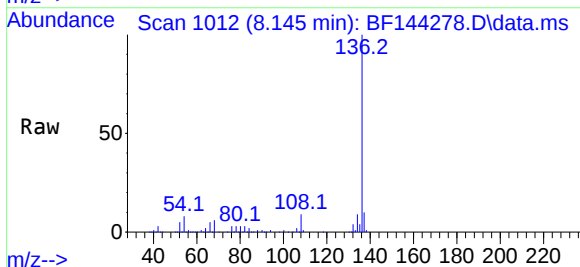
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMS

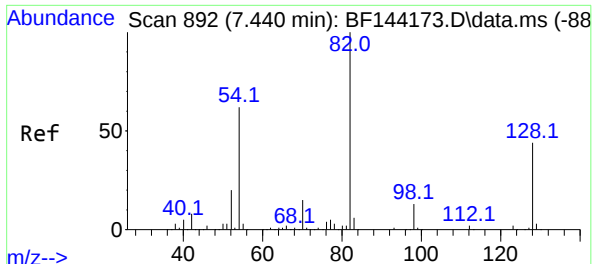
Tgt Ion:	99	Resp:	1195
Ion	Ratio	Lower	Upper
99	100		
42	44.6	20.9	31.3#
71	35.2	31.4	47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

Tgt Ion:	136	Resp:	227691
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.2	7.0	10.6
68	5.7	4.3	6.5

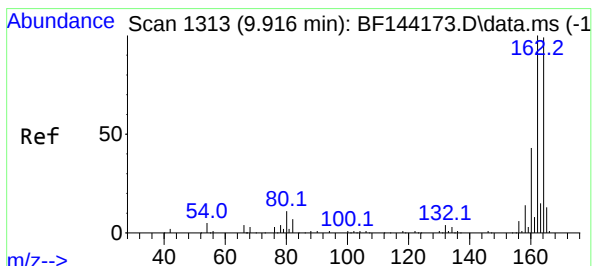
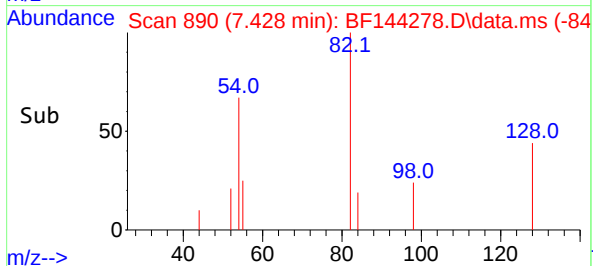
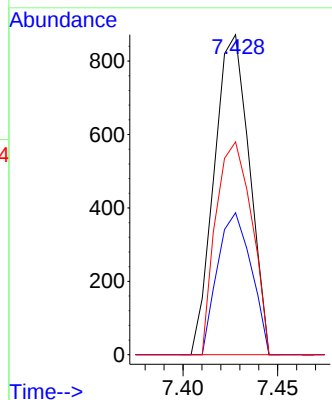
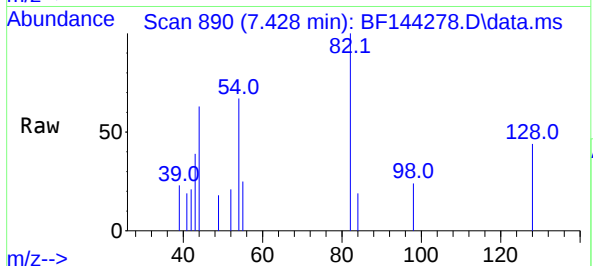




#23
Nitrobenzene-d5
Concen: 0.286 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

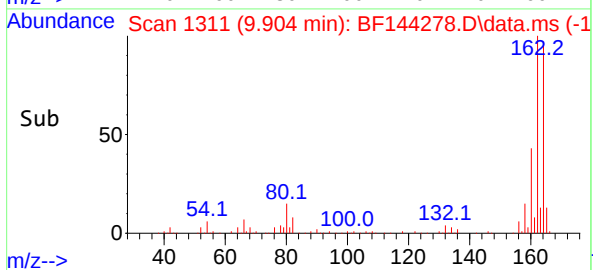
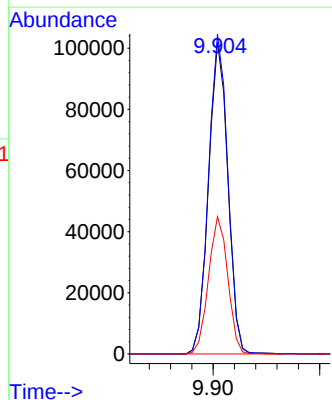
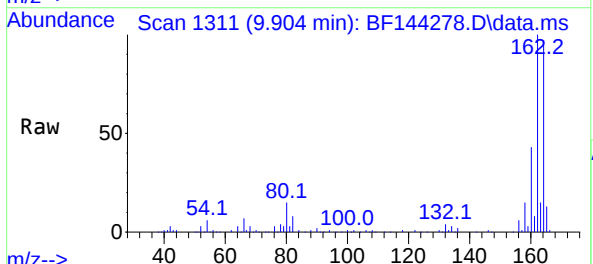
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMS

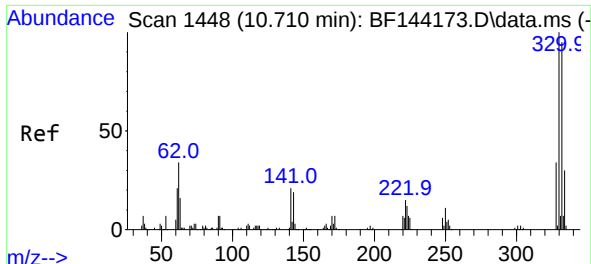
Tgt Ion: 82 Resp: 1128
Ion Ratio Lower Upper
82 100
128 44.4 34.7 52.1
54 66.5 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

Tgt Ion:164 Resp: 128111
Ion Ratio Lower Upper
164 100
162 102.6 81.1 121.7
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 0.159 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144278.D

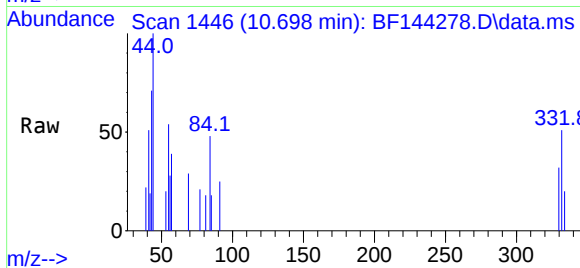
Acq: 19 Nov 2025 14:26

Instrument :

BNA_F

ClientSampleId :

EME-GENERAL-FILLMS



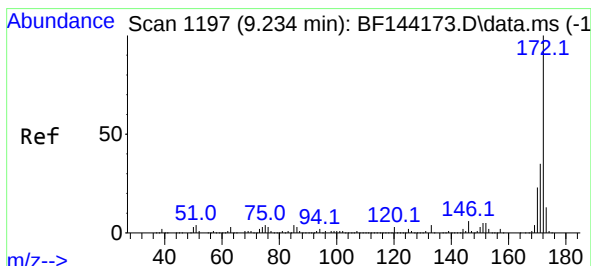
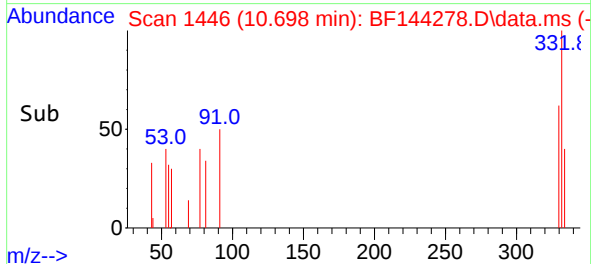
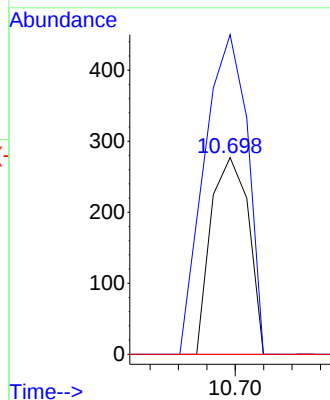
Tgt Ion:330 Resp: 255

Ion Ratio Lower Upper

330 100

332 186.3 76.7 115.1#

141 0.0 17.8 26.8#



#45

2-Fluorobiphenyl

Concen: 0.434 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144278.D

Acq: 19 Nov 2025 14:26

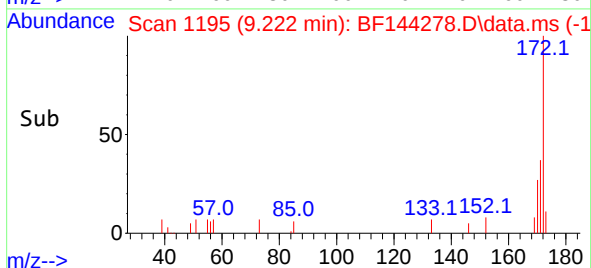
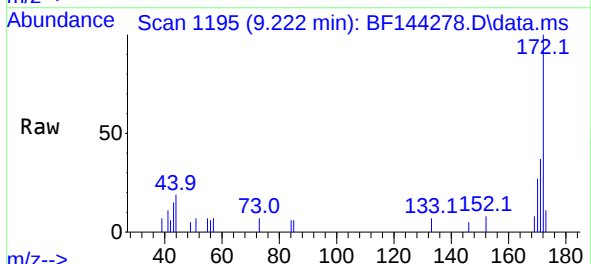
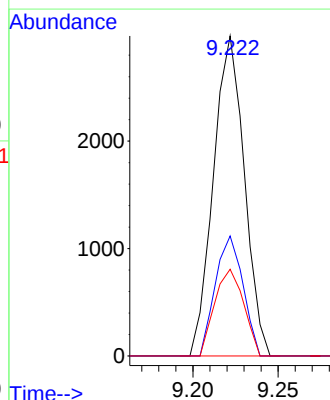
Tgt Ion:172 Resp: 3762

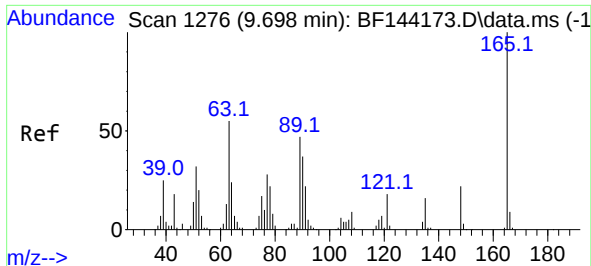
Ion Ratio Lower Upper

172 100

171 37.5 28.1 42.1

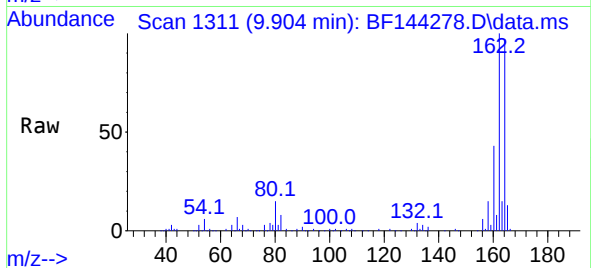
170 27.1 18.6 28.0



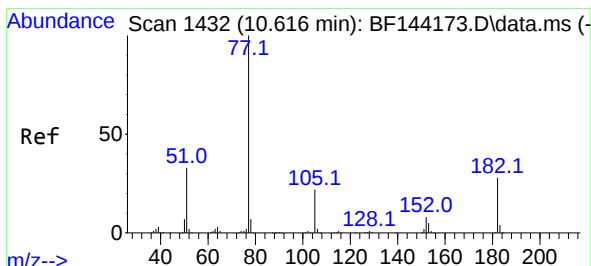
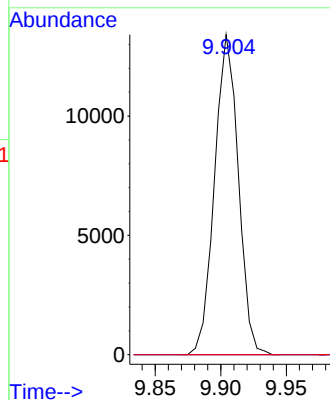
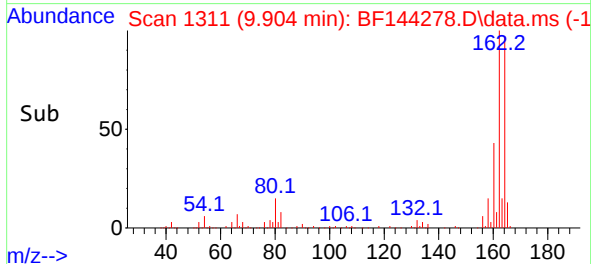


#51
2,6-Dinitrotoluene
Concen: 9.829 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

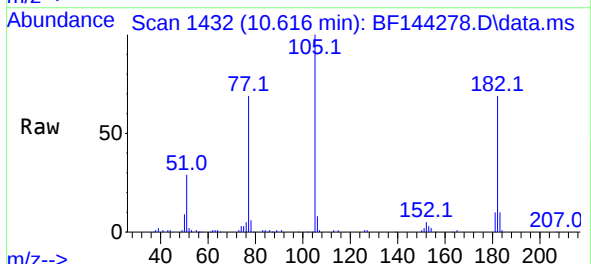
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMS



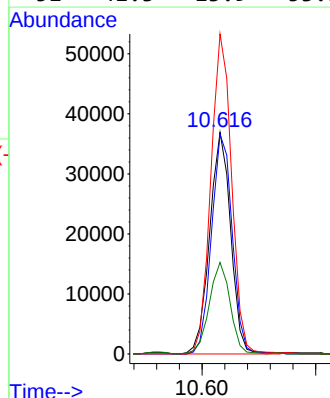
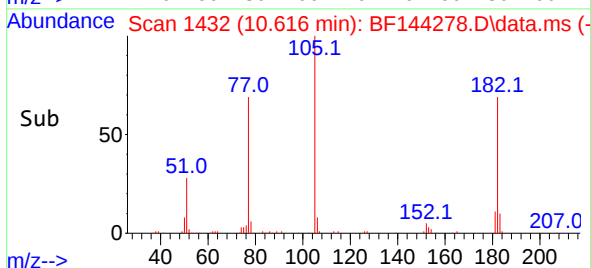
Tgt Ion:165 Resp: 16887
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#

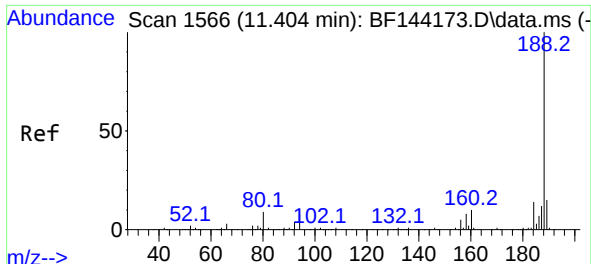


#63
Azobenzene
Concen: 6.534 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26



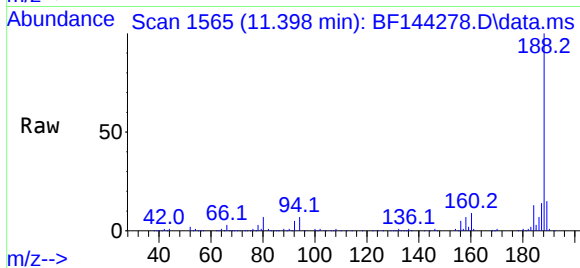
Tgt Ion: 77 Resp: 47576
Ion Ratio Lower Upper
77 100
182 99.1 8.1 48.1#
105 144.4 2.0 42.0#
51 41.3 13.9 53.9



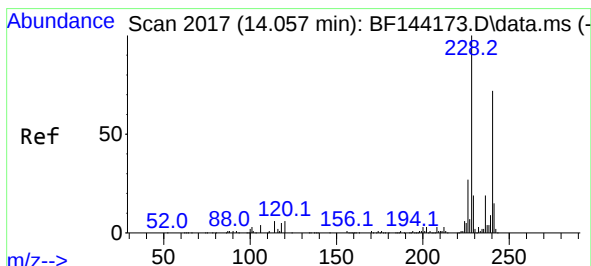
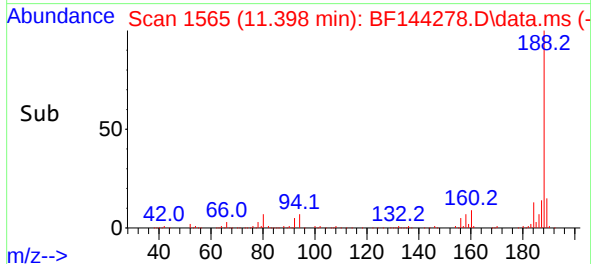
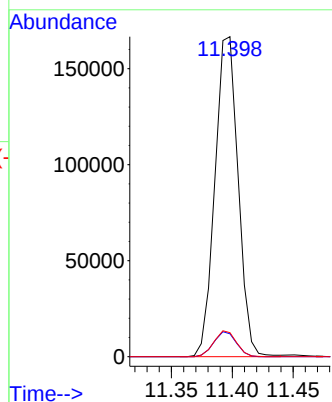


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMS

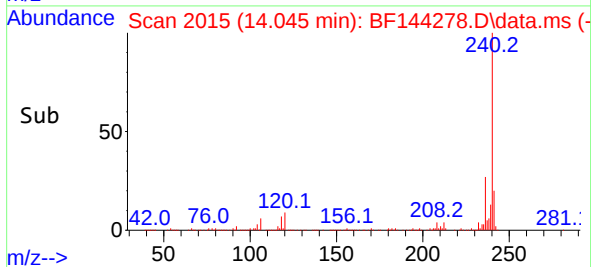
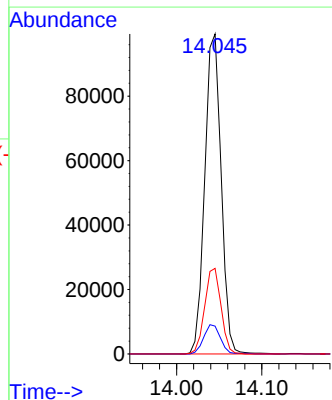
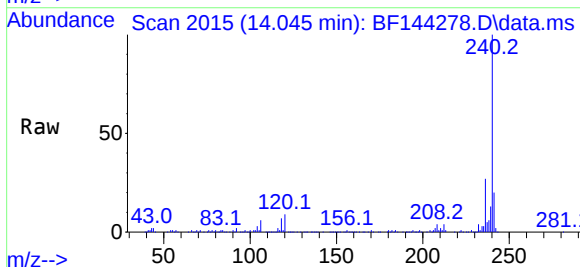


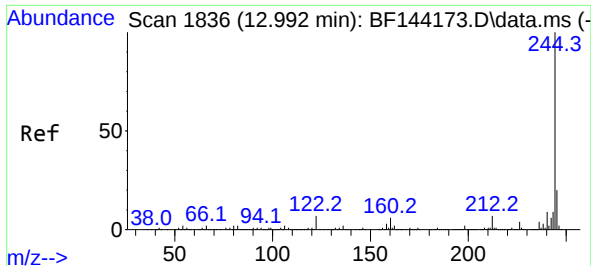
Tgt Ion:188 Resp: 221165
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

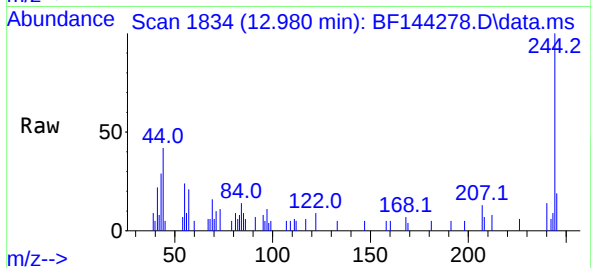
Tgt Ion:240 Resp: 132804
Ion Ratio Lower Upper
240 100
120 8.7 6.6 10.0
236 26.7 21.4 32.2



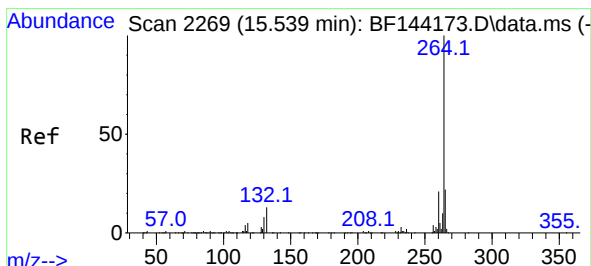
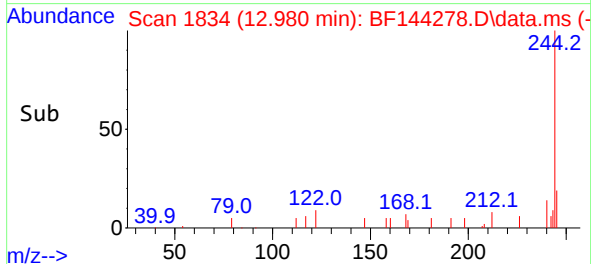
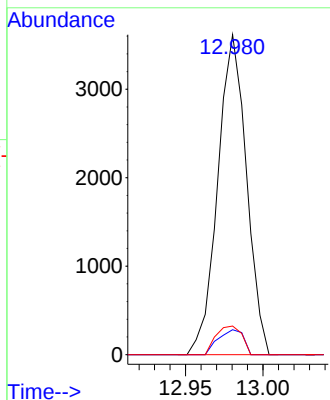


#79
Terphenyl-d14
Concen: 0.557 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

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Tgt Ion:244 Resp: 4661
Ion Ratio Lower Upper
244 100
212 7.8 5.3 7.9
122 9.0 5.6 8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

Tgt Ion:264 Resp: 173128
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 22.8 17.4 26.0

