

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

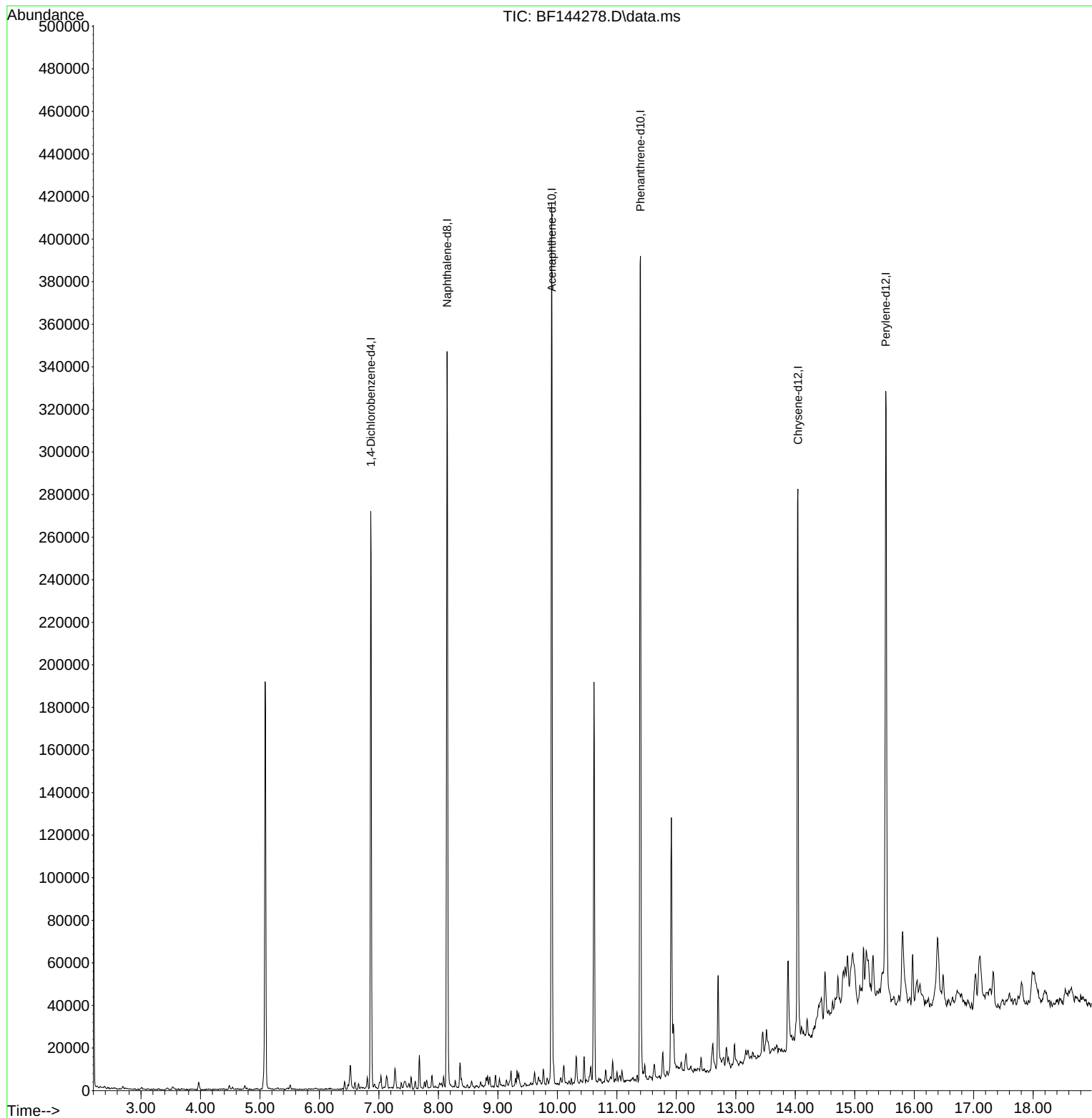
Target Compounds	Qvalue

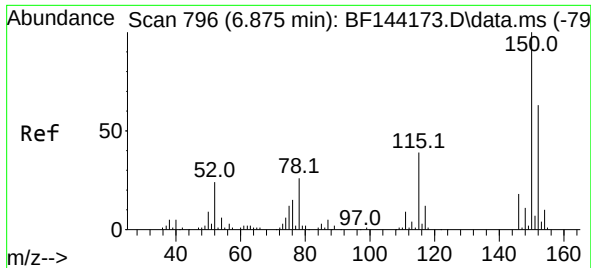
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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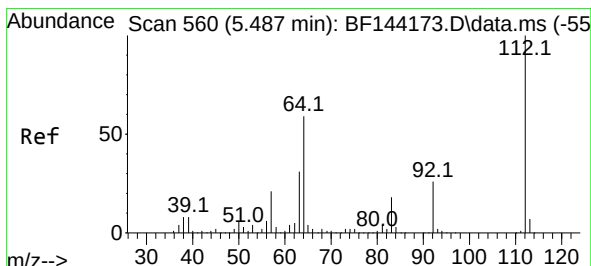
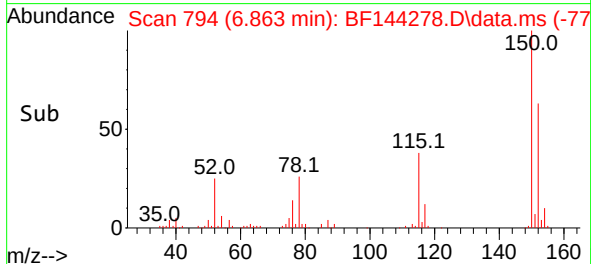
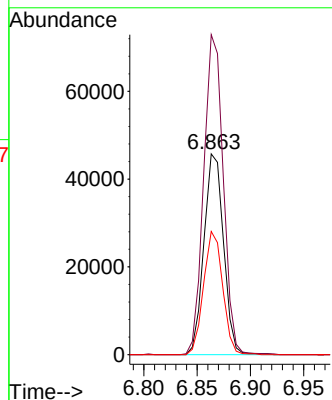
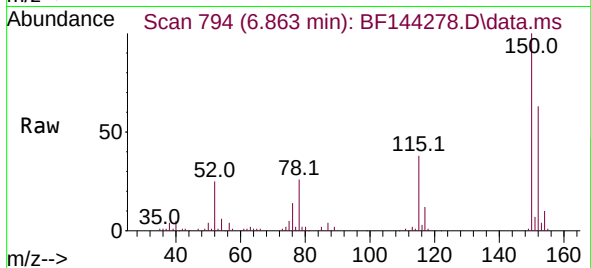




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144278.D
 Acq: 19 Nov 2025 14:26

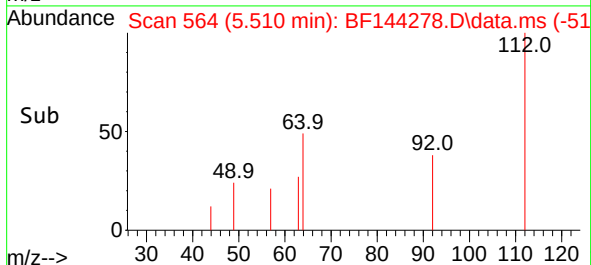
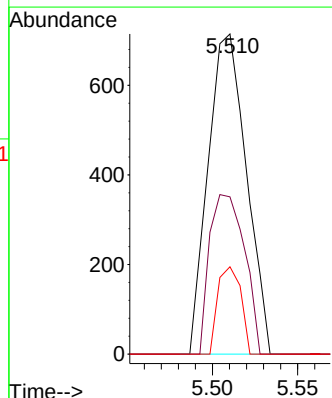
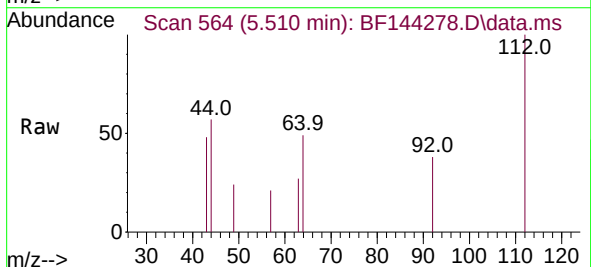
Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILLMS

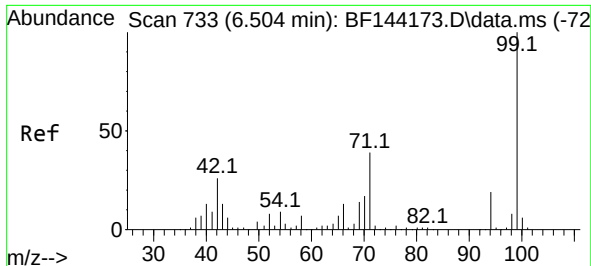
Tgt Ion:152 Resp: 58522
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.4 191.0
 115 61.4 49.5 74.3



#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

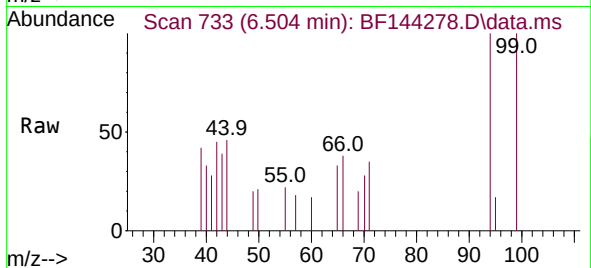
Tgt Ion:112 Resp: 1117
 Ion Ratio Lower Upper
 112 100
 64 49.1 47.2 70.8
 63 27.3 24.4 36.6



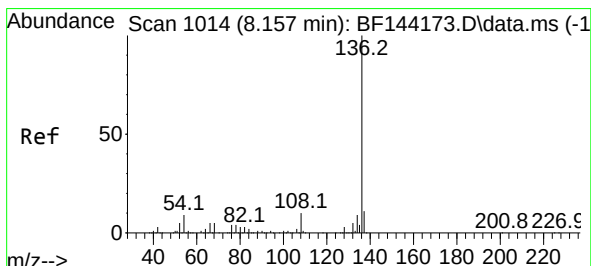
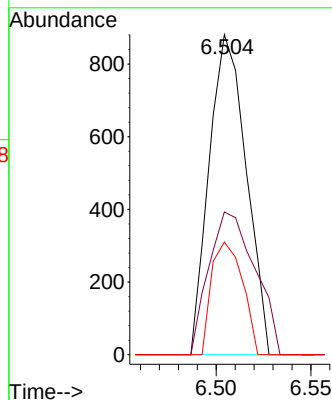
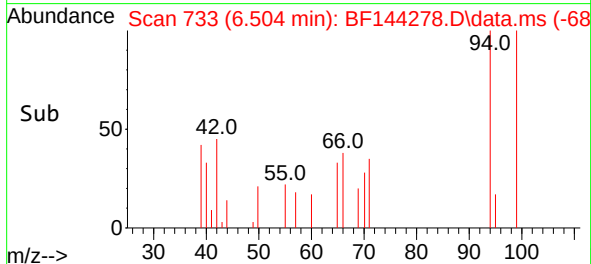


#7
Phenol-d6
Concen: 0.282 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

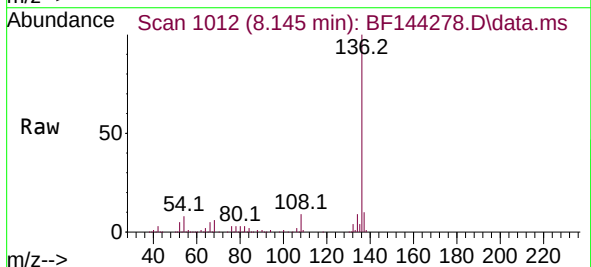
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMS



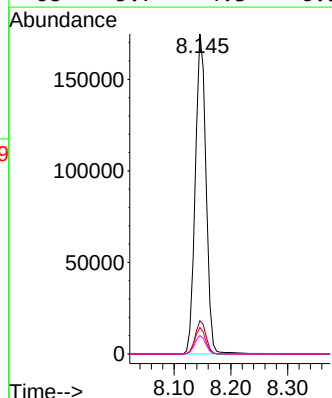
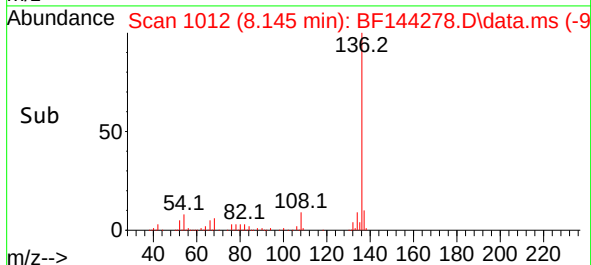
Tgt Ion: 99 Resp: 1195
Ion Ratio Lower Upper
99 100
42 44.6 20.9 31.3#
71 35.2 31.4 47.2

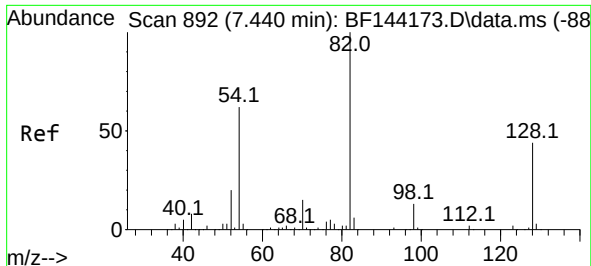


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26



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

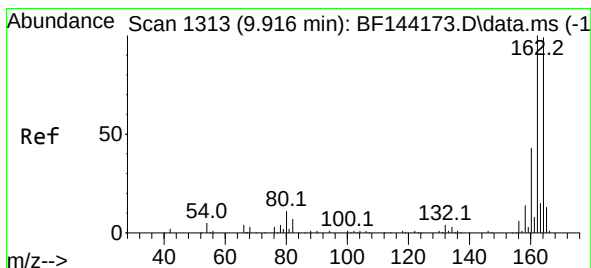
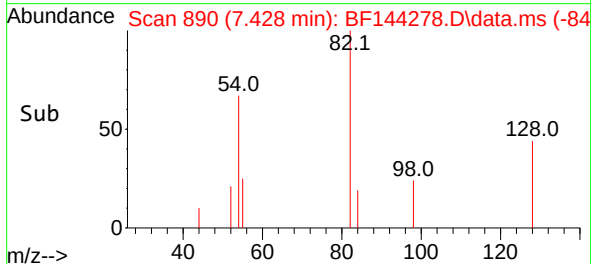
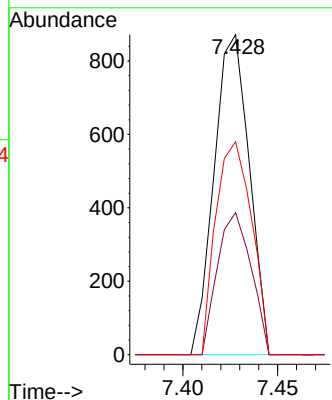
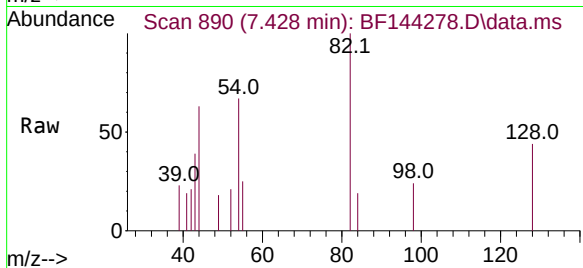
Tgt Ion: 82 Resp: 1128

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

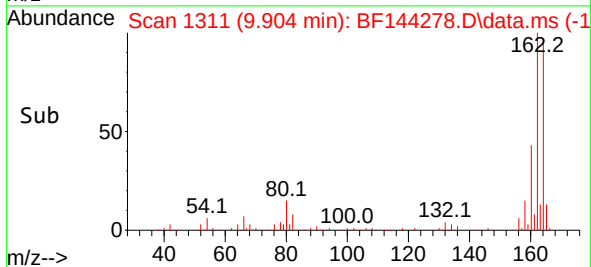
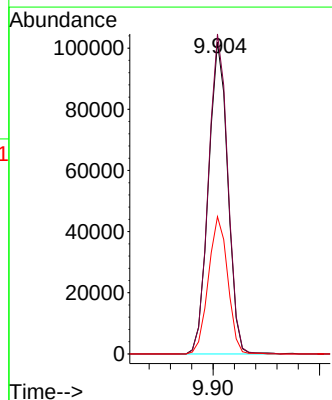
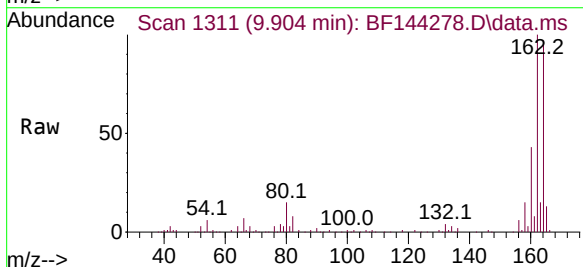
Tgt Ion:164 Resp: 128111

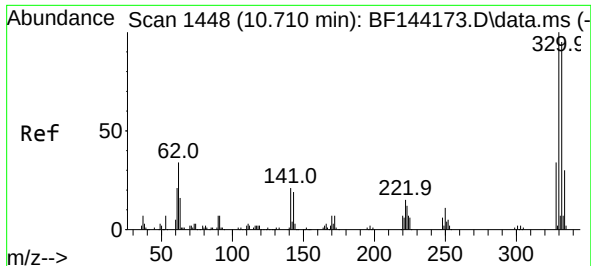
Ion Ratio Lower Upper

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

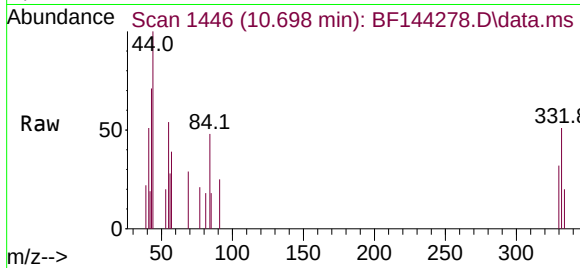
Acq: 19 Nov 2025 14:26

Instrument :

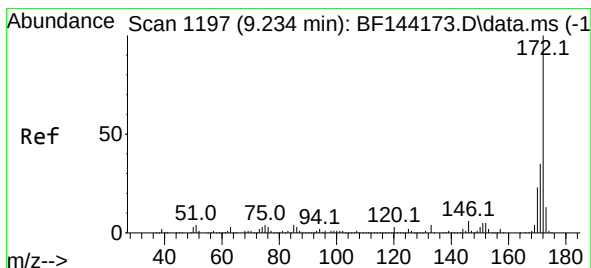
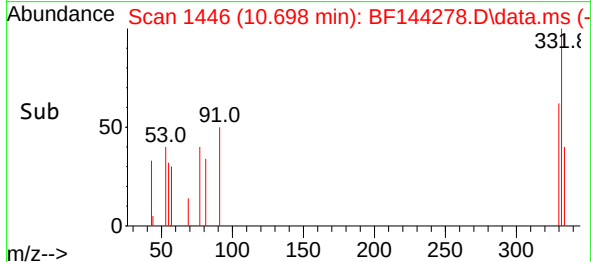
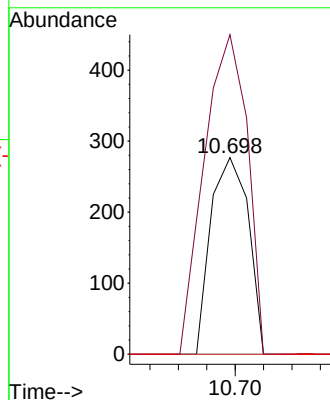
BNA_F

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

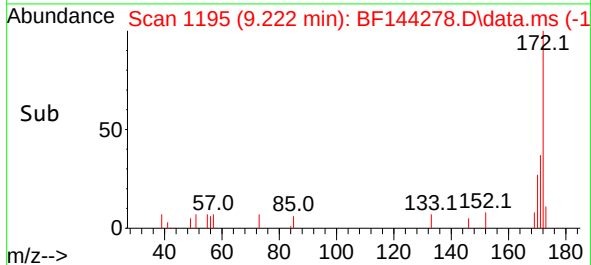
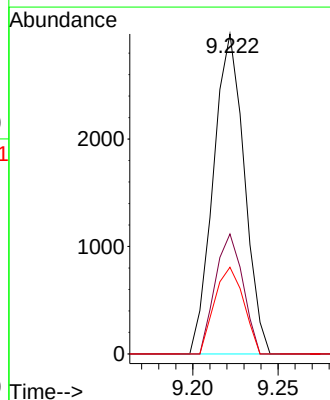
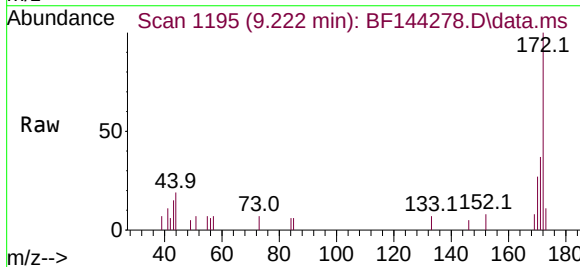
RT: 9.222 min Scan# 1195

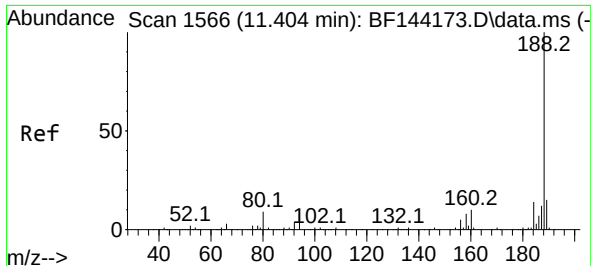
Delta R.T. -0.006 min

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

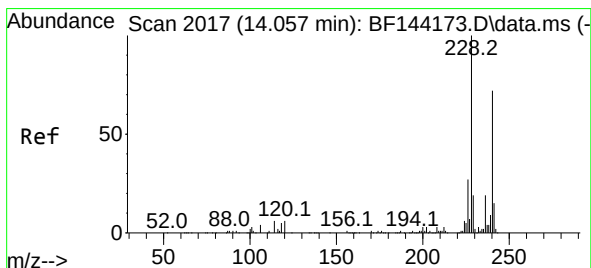
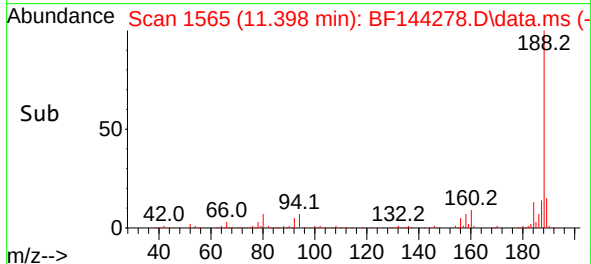
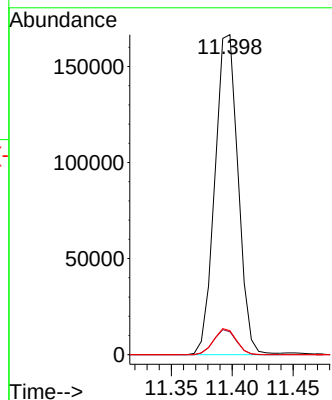
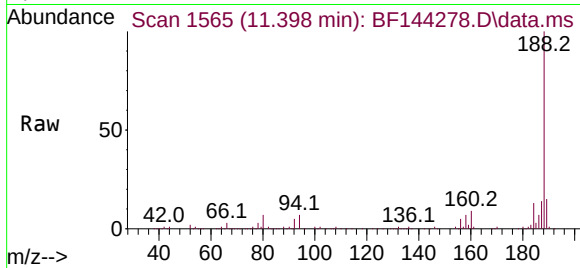




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144278.D
Acq: 19 Nov 2025 14:26

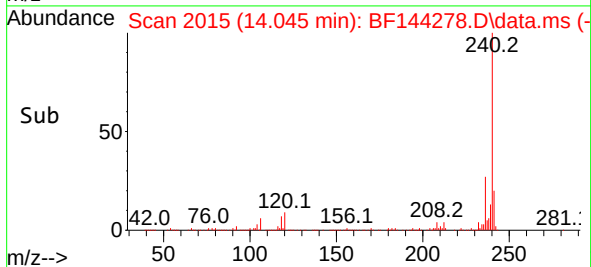
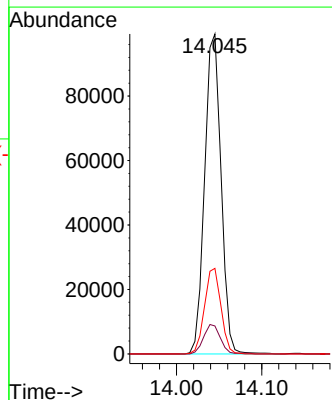
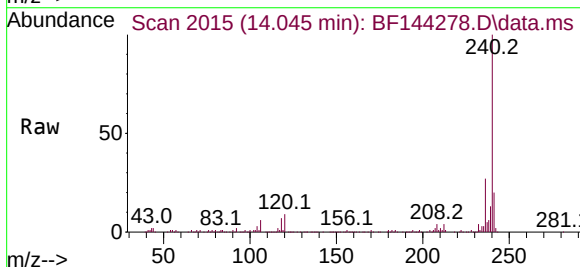
Instrument :
BNA_F
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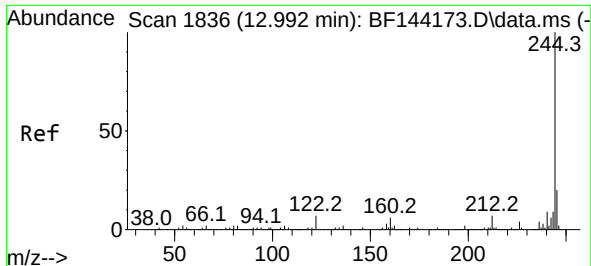
Tgt Ion:188 Resp: 221165
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.5 6.9 10.3



#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

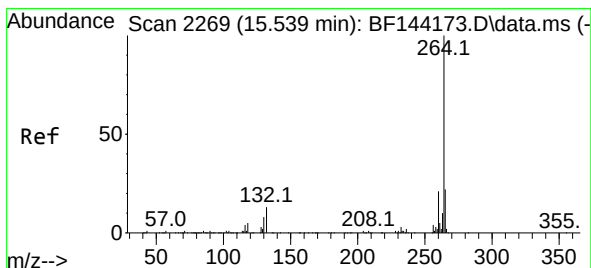
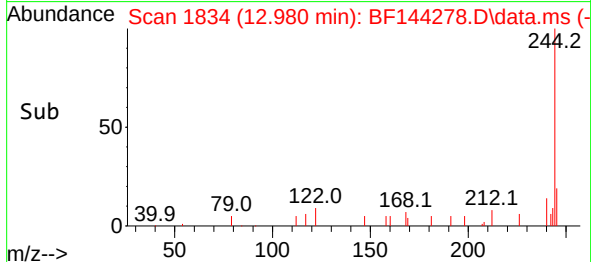
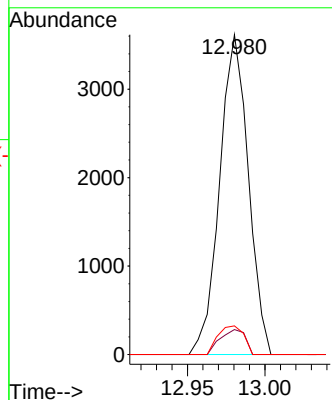
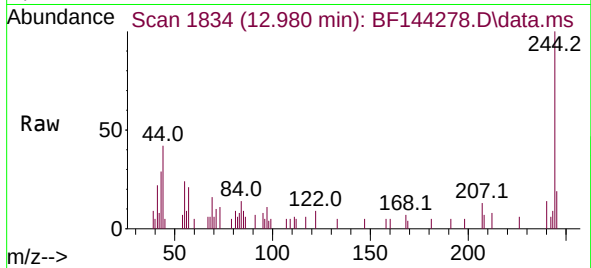




#79
 Terphenyl-d14
 Concen: 0.557 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144278.D
 Acq: 19 Nov 2025 14:26

Instrument :
 BNA_F
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 EME-GENERAL-FILLMS

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

