

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144279.D
 Acq On : 19 Nov 2025 14:55
 Operator : RC/JU
 Sample : Q3618-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILLMSD

Quant Time: Nov 19 15:21:24 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	56122	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	222548	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	124417	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	208382	20.000	ng	0.00
76) Chrysene-d12	14.045	240	124331	20.000	ng	0.00
86) Perylene-d12	15.521	264	167647	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	801	0.223	ng	0.02
7) Phenol-d6	6.510	99	1082	0.266	ng	0.01
23) Nitrobenzene-d5	7.428	82	1100	0.285	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	385	0.247	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3901	0.463	ng	0.00
79) Terphenyl-d14	12.980	244	4312	0.551	ng	-0.01

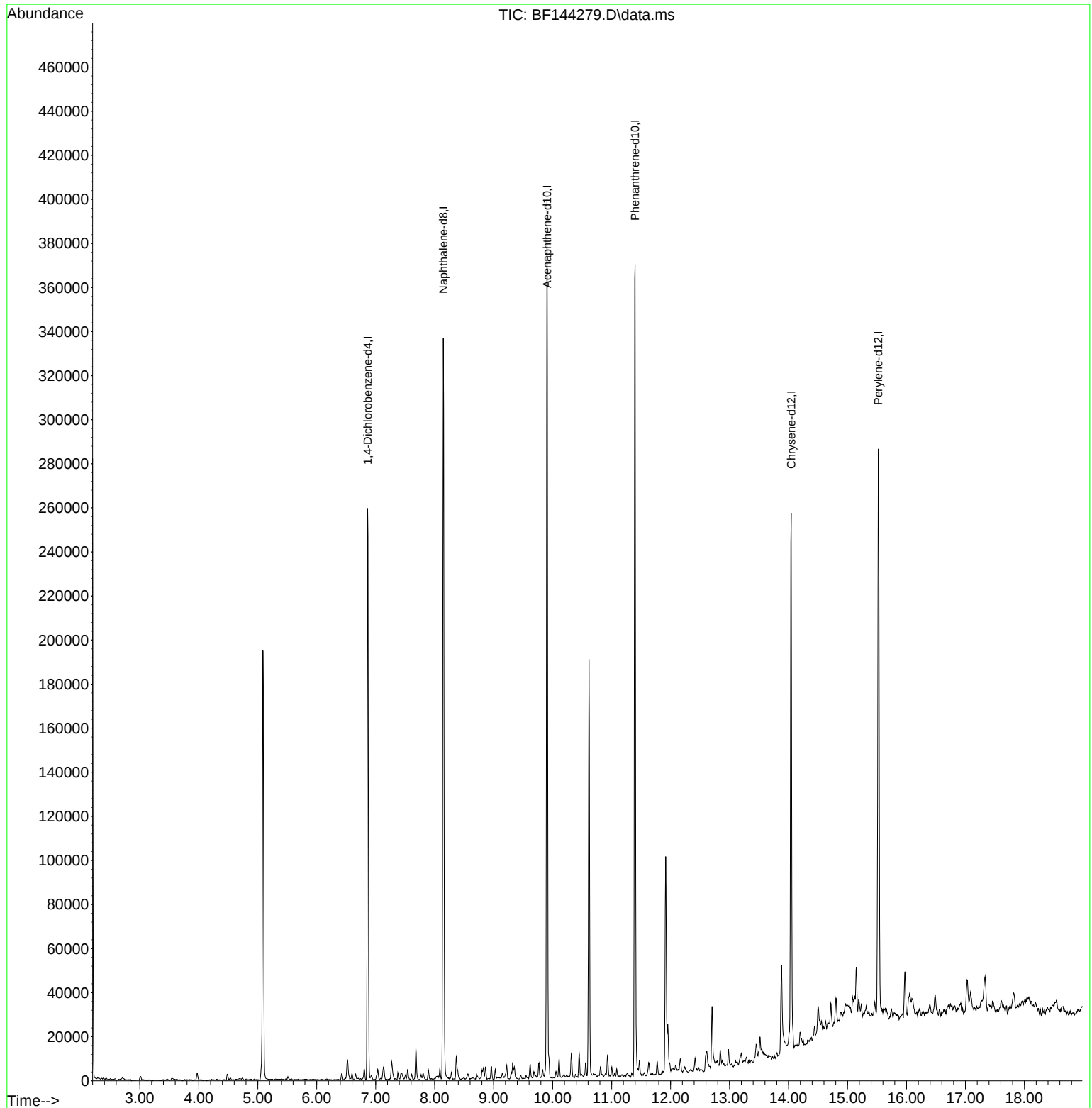
Target Compounds	Qvalue

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

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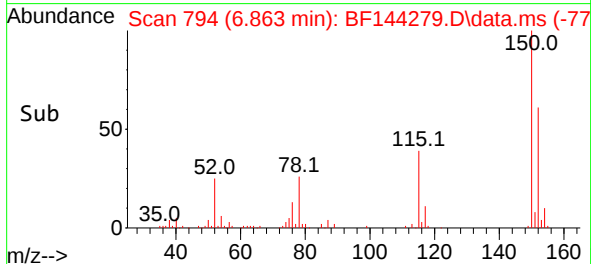
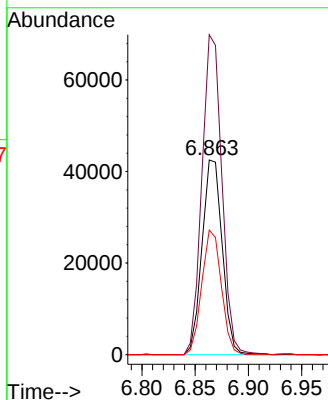
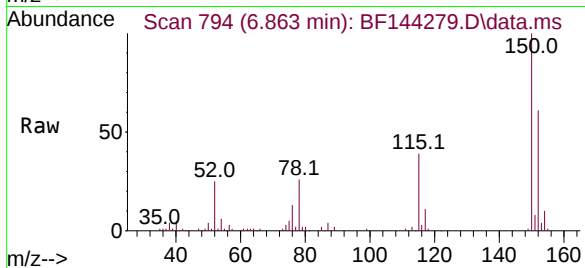




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

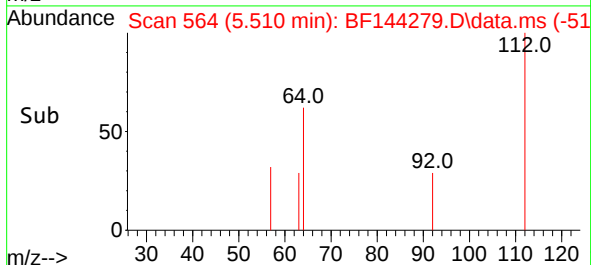
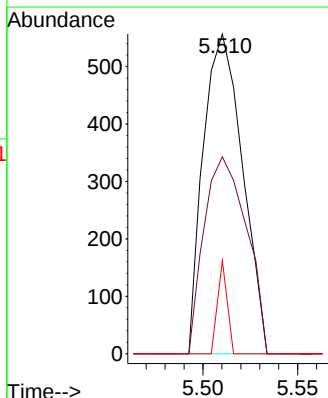
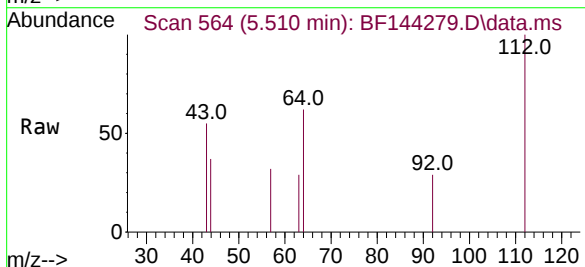
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

Tgt Ion:152 Resp: 56122
Ion Ratio Lower Upper
152 100
150 164.4 127.4 191.0
115 64.0 49.5 74.3



#5
2-Fluorophenol
Concen: 0.223 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

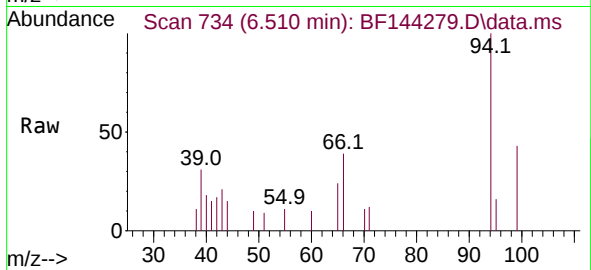
Tgt Ion:112 Resp: 801
Ion Ratio Lower Upper
112 100
64 61.6 47.2 70.8
63 29.1 24.4 36.6



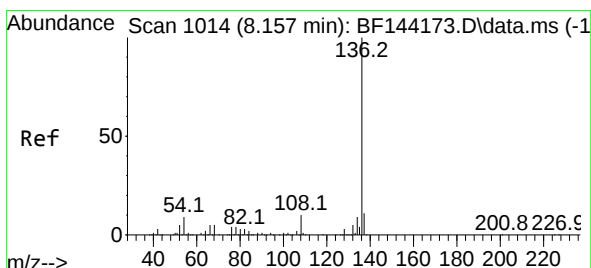
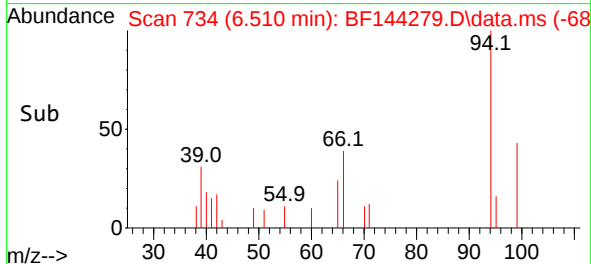
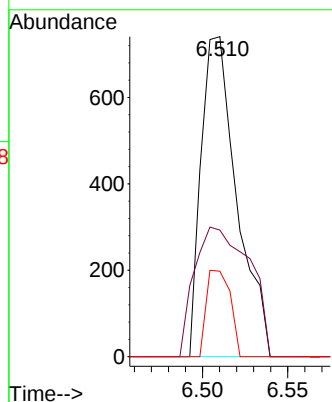


#7
Phenol-d6
Concen: 0.266 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

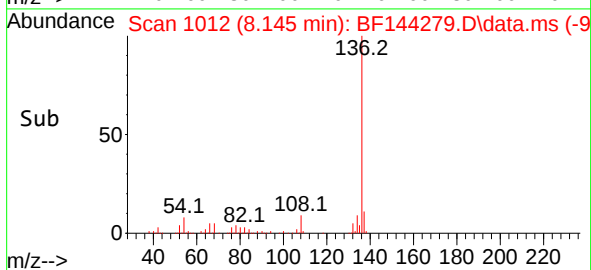
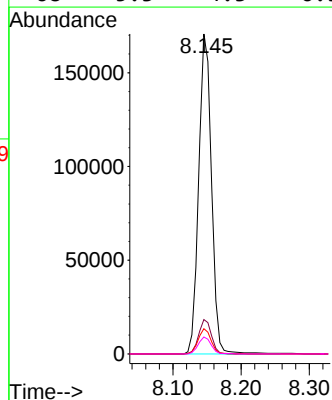
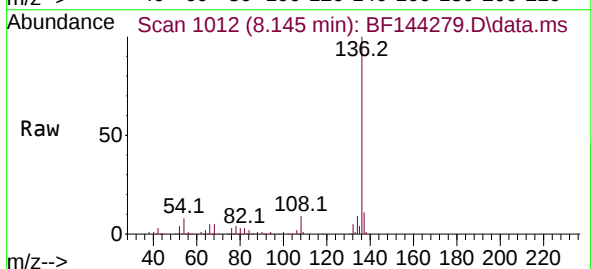


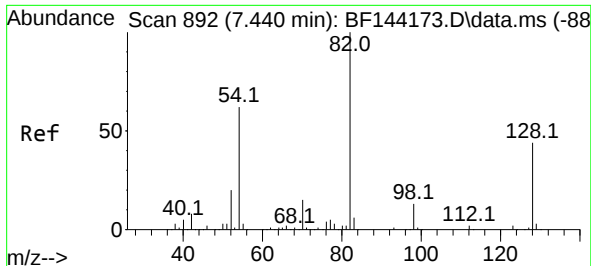
Tgt Ion: 99 Resp: 1082
Ion Ratio Lower Upper
99 100
42 39.5 20.9 31.3#
71 26.7 31.4 47.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

Tgt Ion: 136 Resp: 222548
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 7.0 10.6
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 0.285 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144279.D

Acq: 19 Nov 2025 14:55

Instrument :

BNA_F

ClientSampleId :

EME-GENERAL-FILLMSD

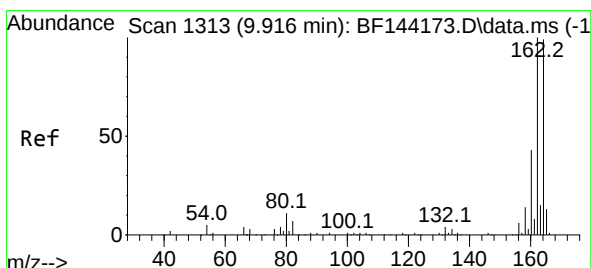
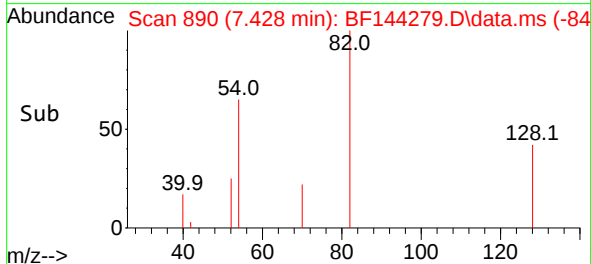
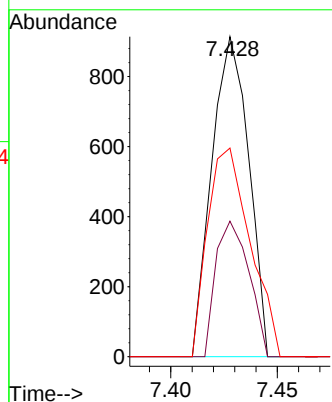
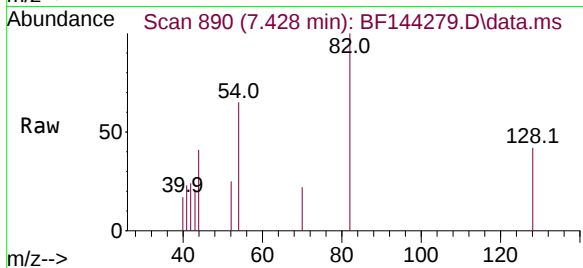
Tgt Ion: 82 Resp: 1100

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 65.2 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: BF144279.D

Acq: 19 Nov 2025 14:55

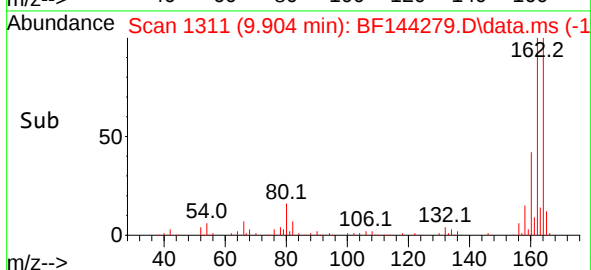
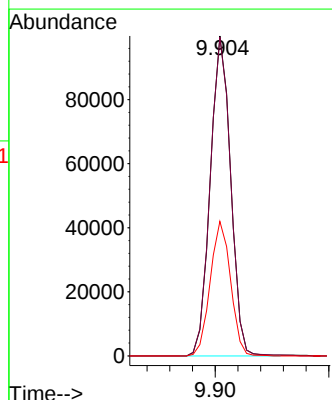
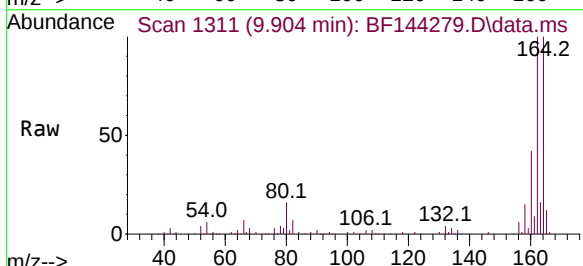
Tgt Ion:164 Resp: 124417

Ion Ratio Lower Upper

164 100

162 99.6 81.1 121.7

160 42.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 0.247 ng

RT: 10.698 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF144279.D

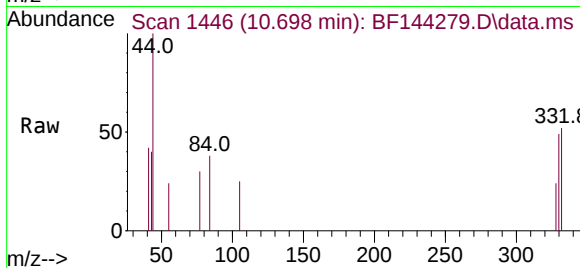
Acq: 19 Nov 2025 14:55

Instrument :

BNA_F

ClientSampleId :

EME-GENERAL-FILLMSD



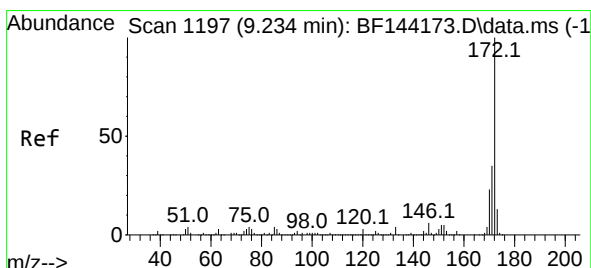
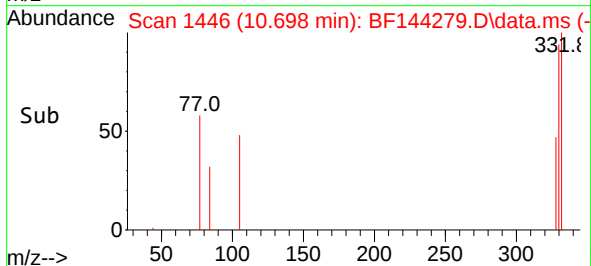
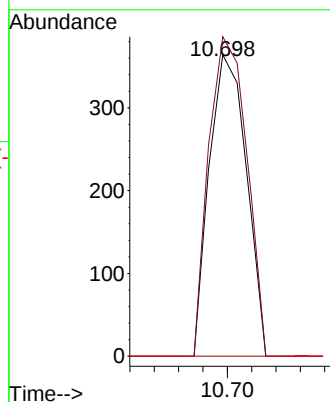
Tgt Ion: 330 Resp: 385

Ion Ratio Lower Upper

330 100

332 108.8 76.7 115.1

141 0.0 17.8 26.8#



#45

2-Fluorobiphenyl

Concen: 0.463 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144279.D

Acq: 19 Nov 2025 14:55

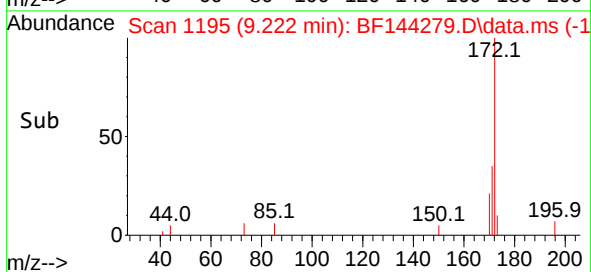
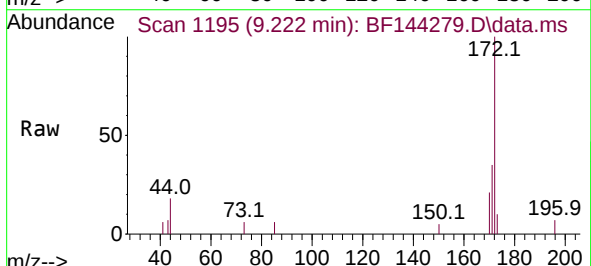
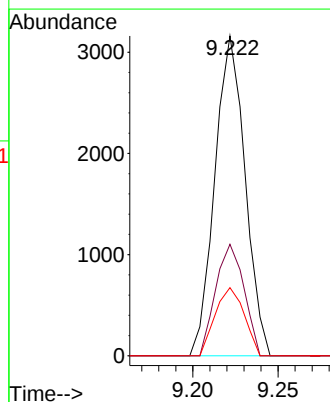
Tgt Ion: 172 Resp: 3901

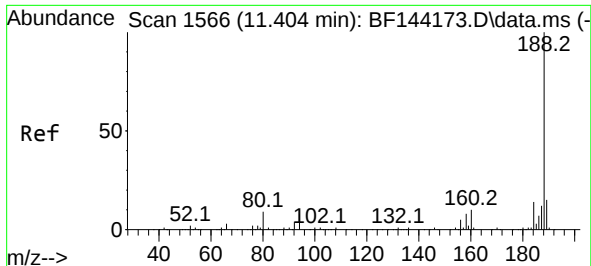
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 21.3 18.6 28.0

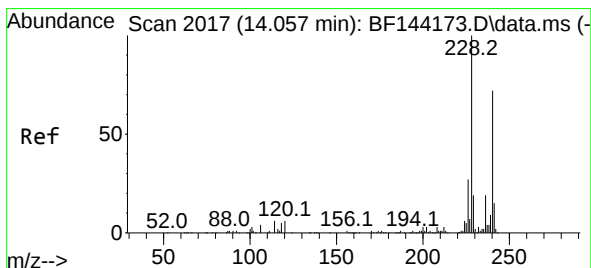
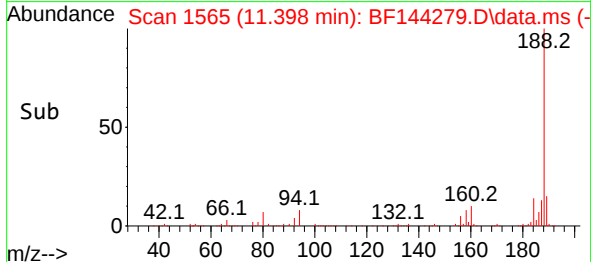
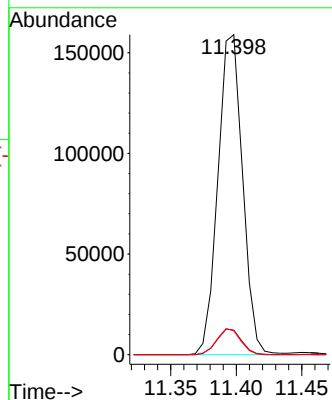
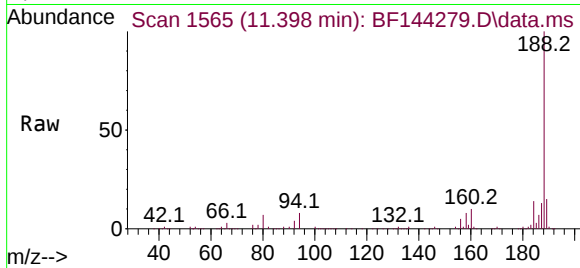




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

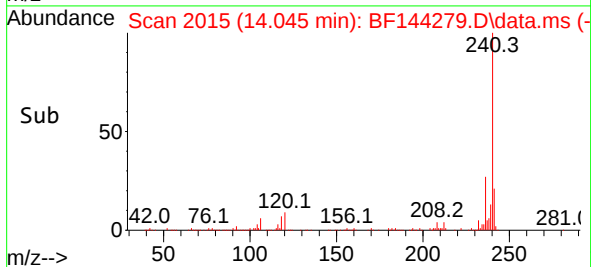
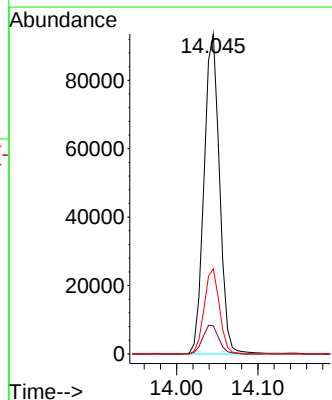
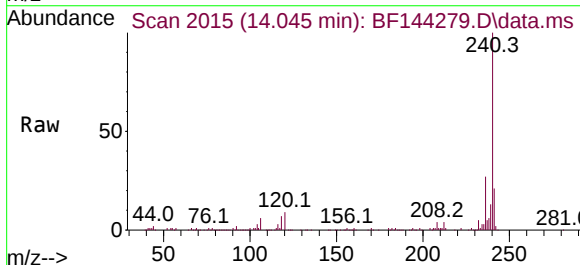
Instrument :
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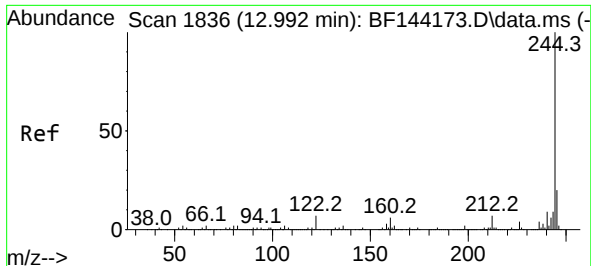
Tgt Ion:188 Resp: 208382
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

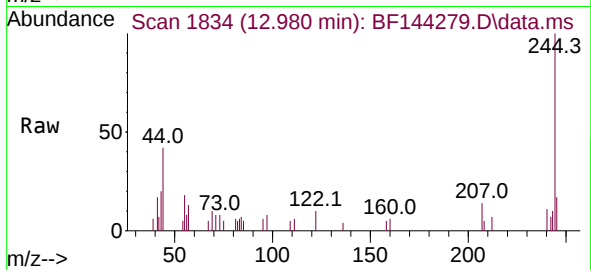
Tgt Ion:240 Resp: 124331
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 26.6 21.4 32.2



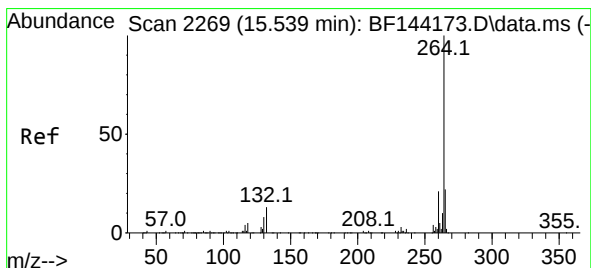
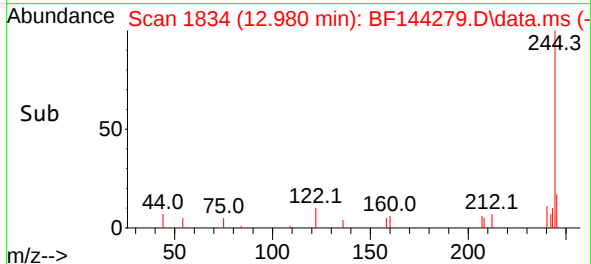
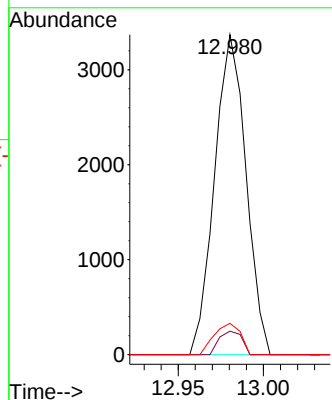


#79
 Terphenyl-d14
 Concen: 0.551 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144279.D
 Acq: 19 Nov 2025 14:55

Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILLMSD



Tgt Ion:244 Resp: 4312
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.3 7.9
 122 9.8 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: BF144279.D
 Acq: 19 Nov 2025 14:55

Tgt Ion:264 Resp: 167647
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.1 25.7
 265 21.2 17.4 26.0

