

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)

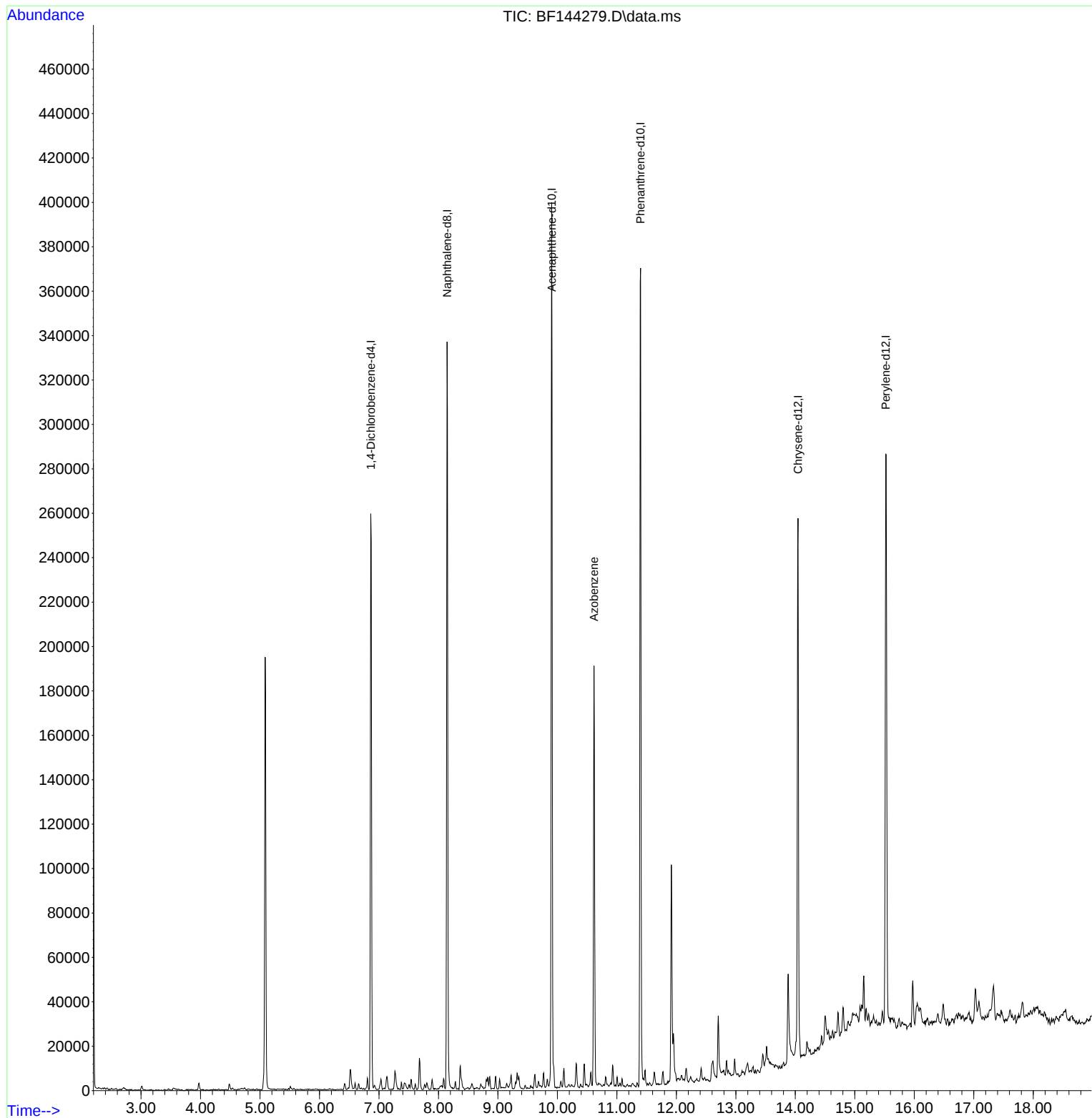
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	56122	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	222548	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	124417	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	208382	20.000	ng	0.00
76) Chrysene-d12	14.045	240	124331	20.000	ng	0.00
86) Perylene-d12	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						
63) Azobenzene	10.616	77	48588	6.871	ng	Qvalue # 1

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

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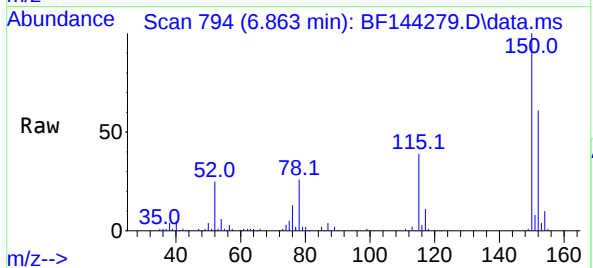
Quant Time: Nov 19 15:21:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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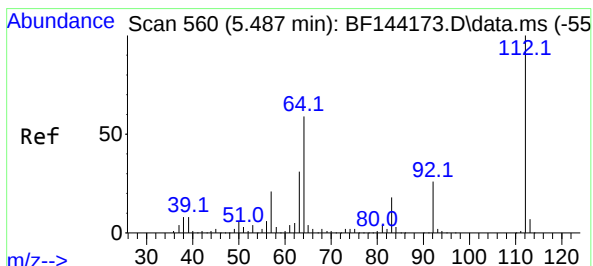
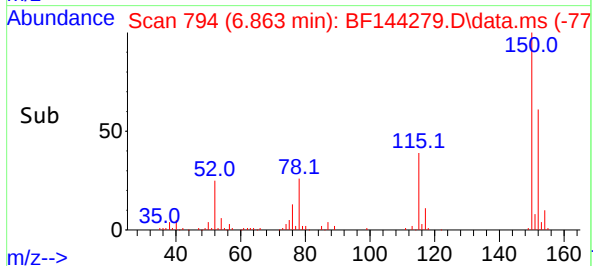
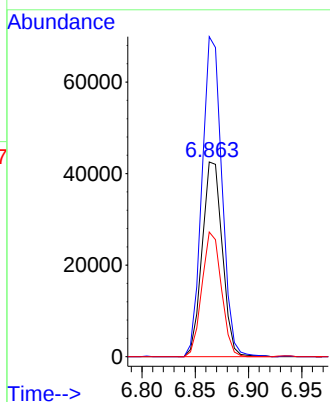


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

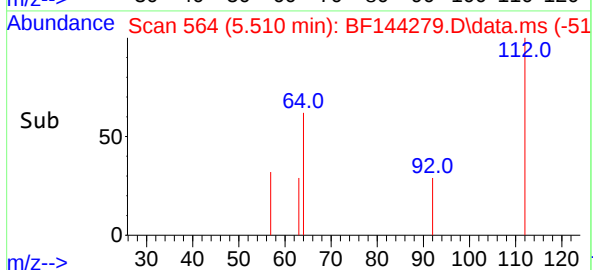
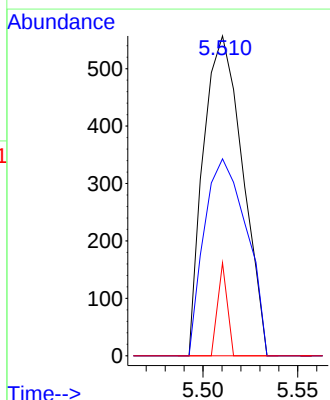
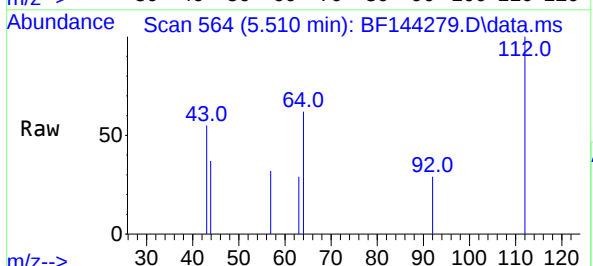


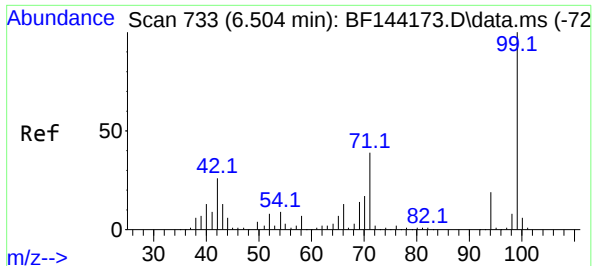
Tgt Ion:152 Resp: 56122
Ion Ratio Lower Upper
152 100
150 164.4 127.4 191.0
115 64.0 49.5 74.3



#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

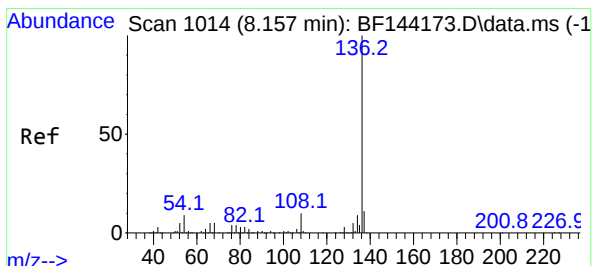
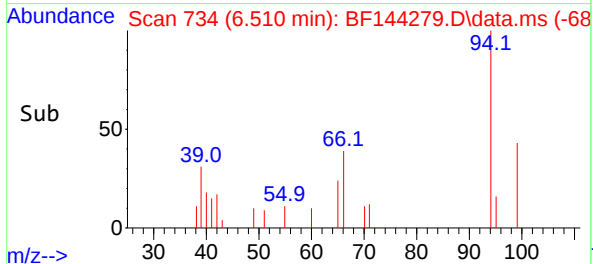
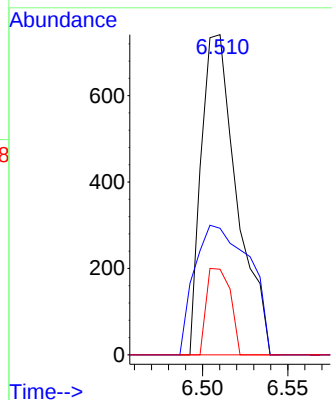
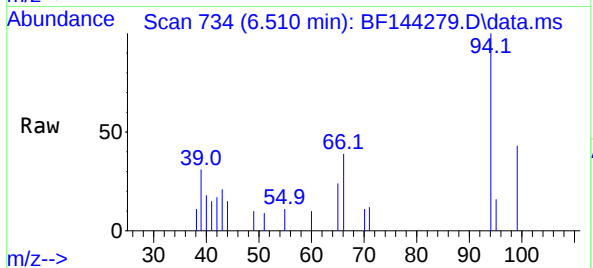




#7
Phenol-d6
Concen: 0.266 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

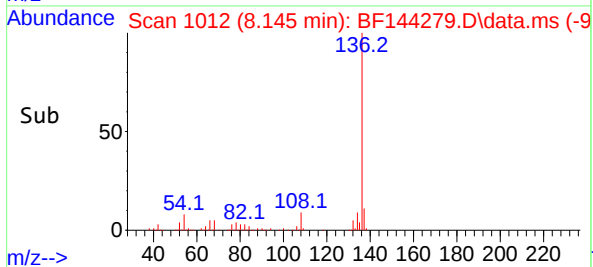
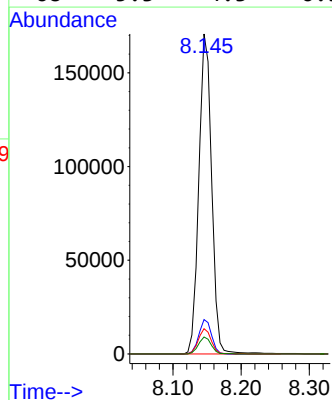
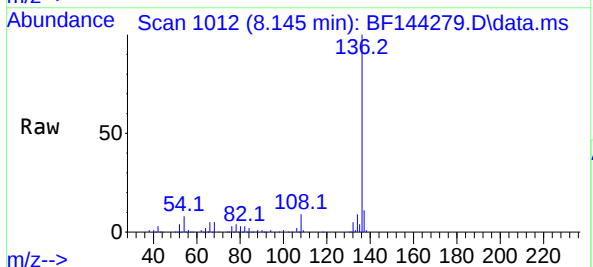
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

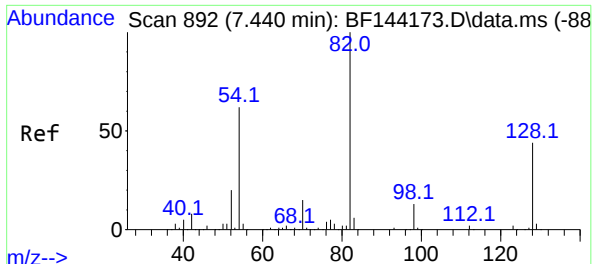
Tgt Ion: 99 Resp: 1082
Ion Ratio Lower Upper
99 100
42 39.5 20.9 31.3#
71 26.7 31.4 47.2#



#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



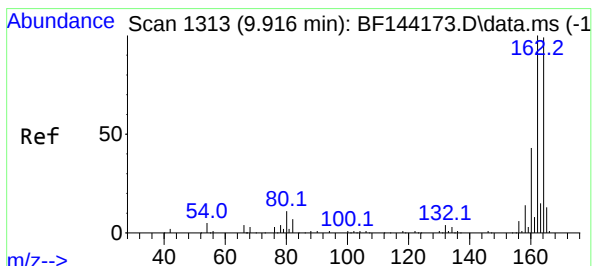
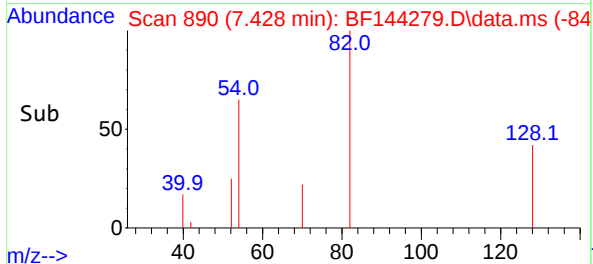
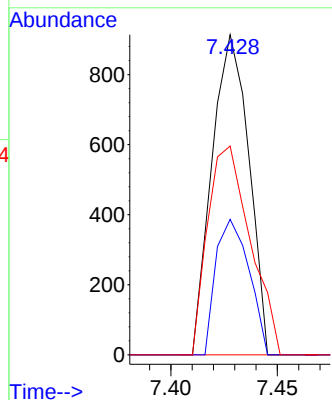
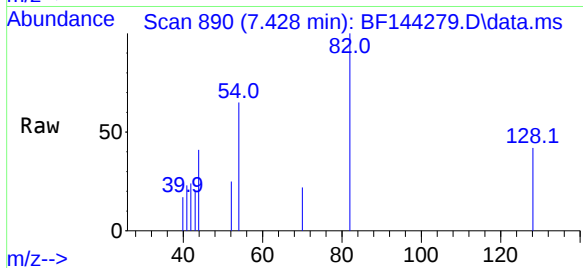


#23
Nitrobenzene-d5
Concen: 0.285 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

Tgt Ion: 82 Resp: 1100

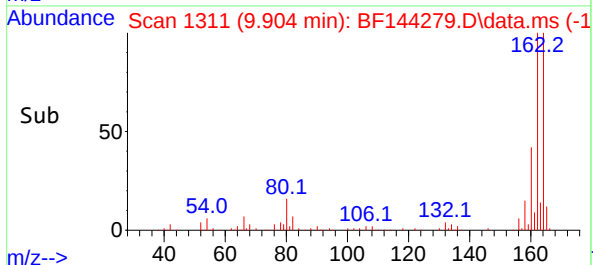
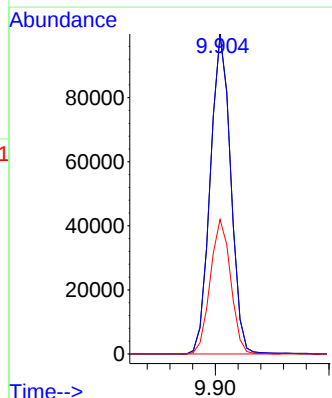
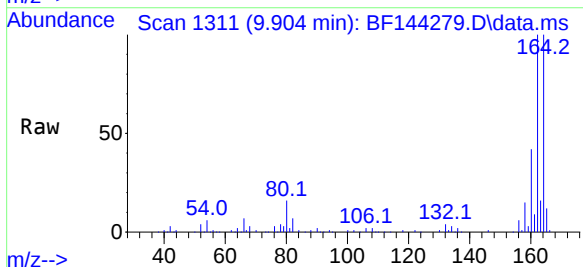
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.7	52.1
54	65.2	49.5	74.3

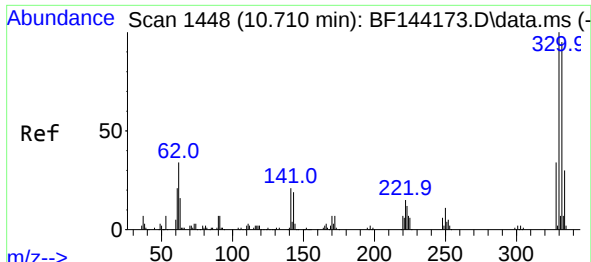


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

Tgt Ion: 164 Resp: 124417

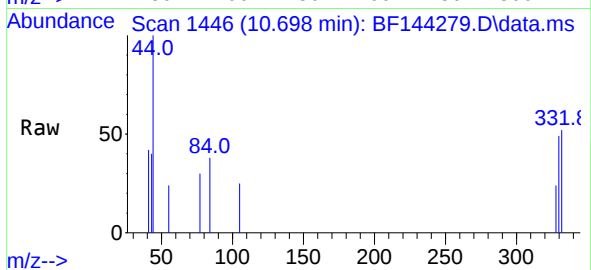
Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.1	121.7
160	42.0	34.5	51.7



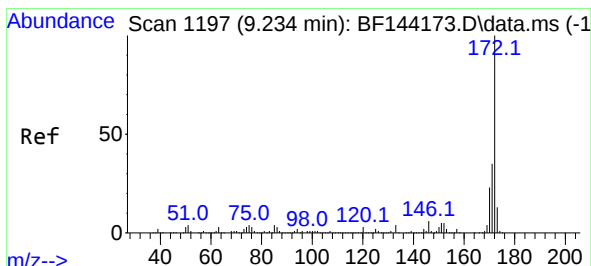
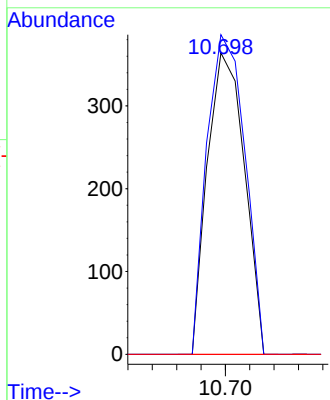
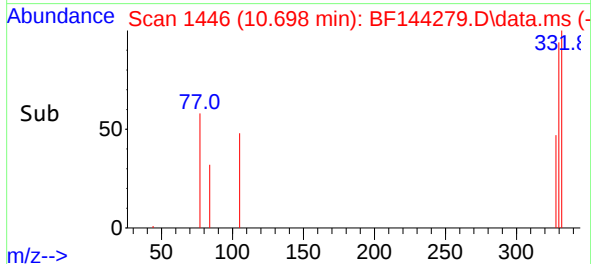


#42
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 10.698 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

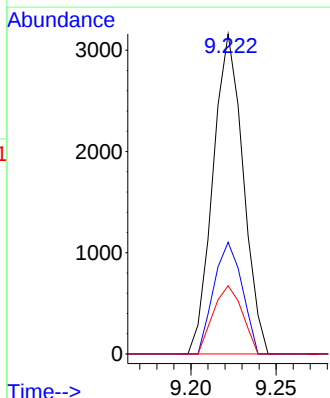
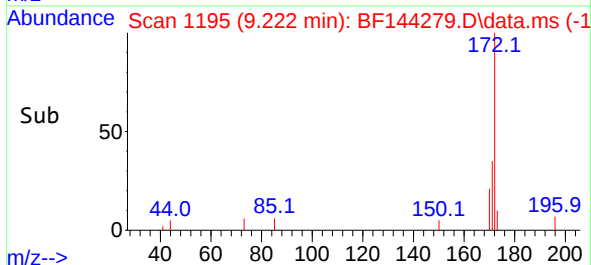
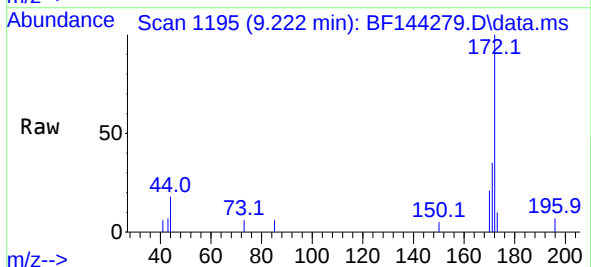


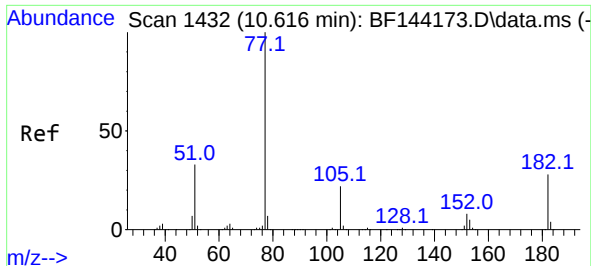
Tgt Ion:330 Resp: 385
Ion Ratio Lower Upper
330 100
332 108.8 76.7 115.1
141 0.0 17.8 26.8#



#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

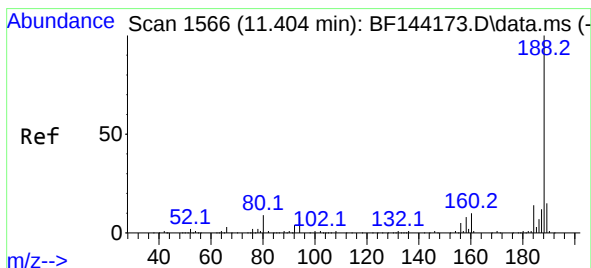
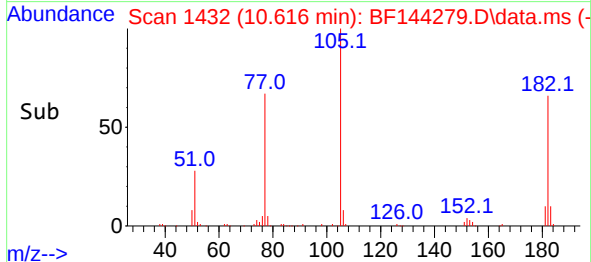
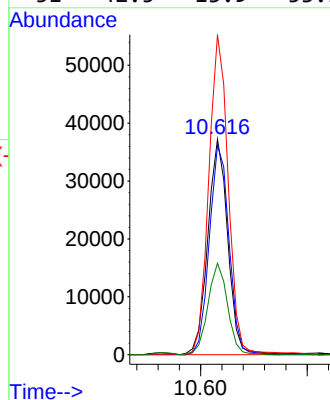
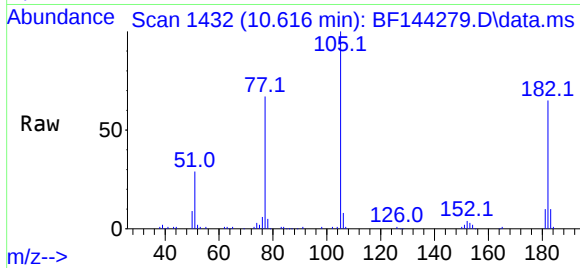




#63
Azobenzene
Concen: 6.871 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

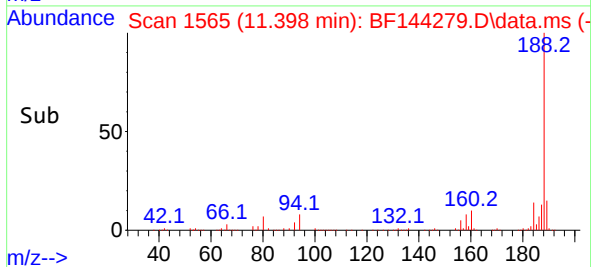
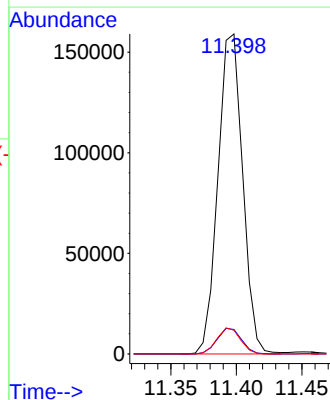
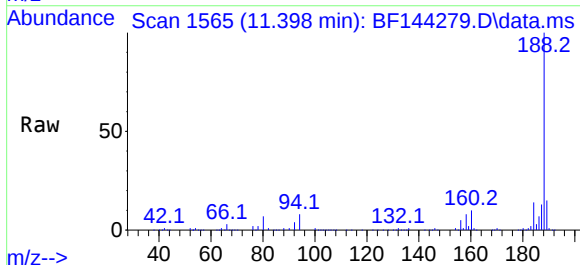
Instrument :
BNA_F
ClientSampleId :
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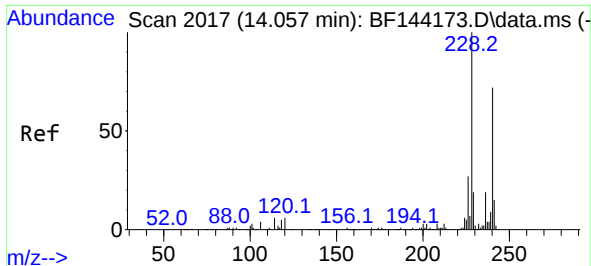
Tgt Ion: 77	Resp: 48588
Ion Ratio	Lower Upper
77 100	
182 97.1	8.1 48.1#
105 148.5	2.0 42.0#
51 42.5	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

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

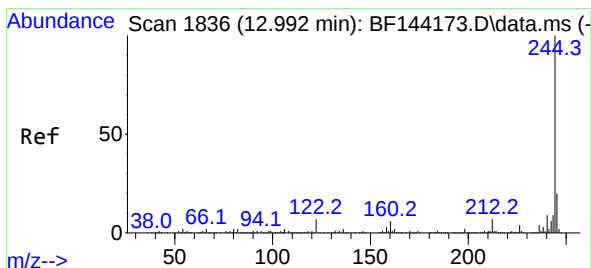
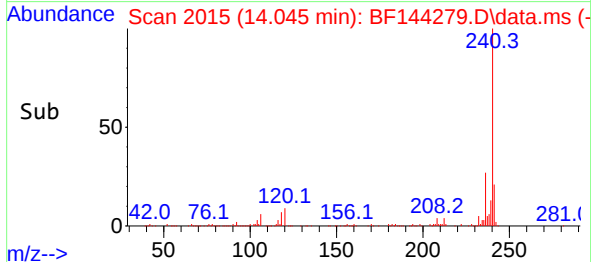
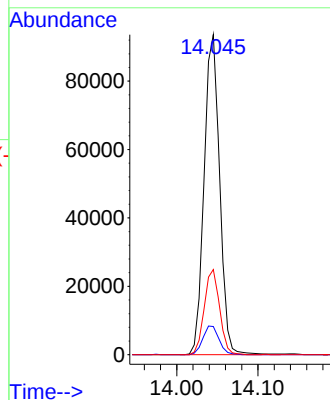
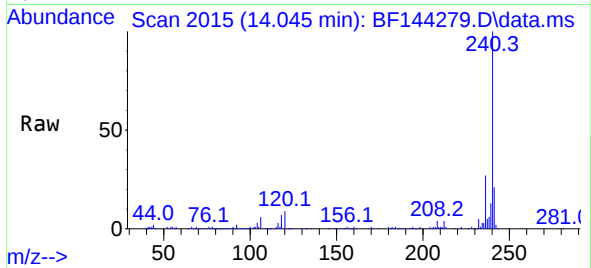




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144279.D
Acq: 19 Nov 2025 14:55

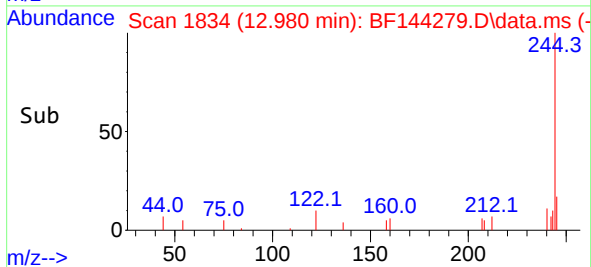
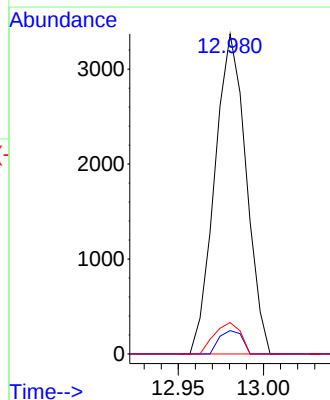
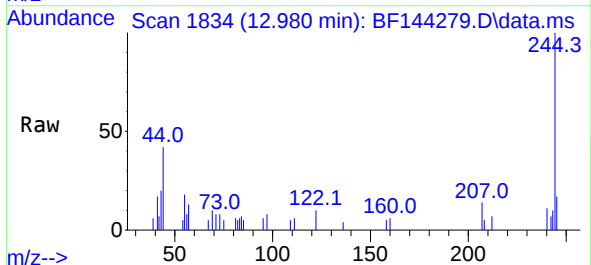
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILLMSD

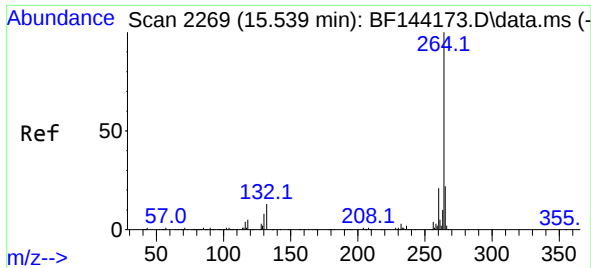
Tgt Ion:240 Resp: 124331
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 26.6 21.4 32.2



#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

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# 21
 Delta R.T. -0.018 min
 Lab File: BF144279.D
 Acq: 19 Nov 2025 14:55

Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILLMSD

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

