

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144277.D
 Acq On : 19 Nov 2025 13:56
 Operator : RC/JU
 Sample : Q3618-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILL

Quant Time: Nov 19 14:16:02 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)

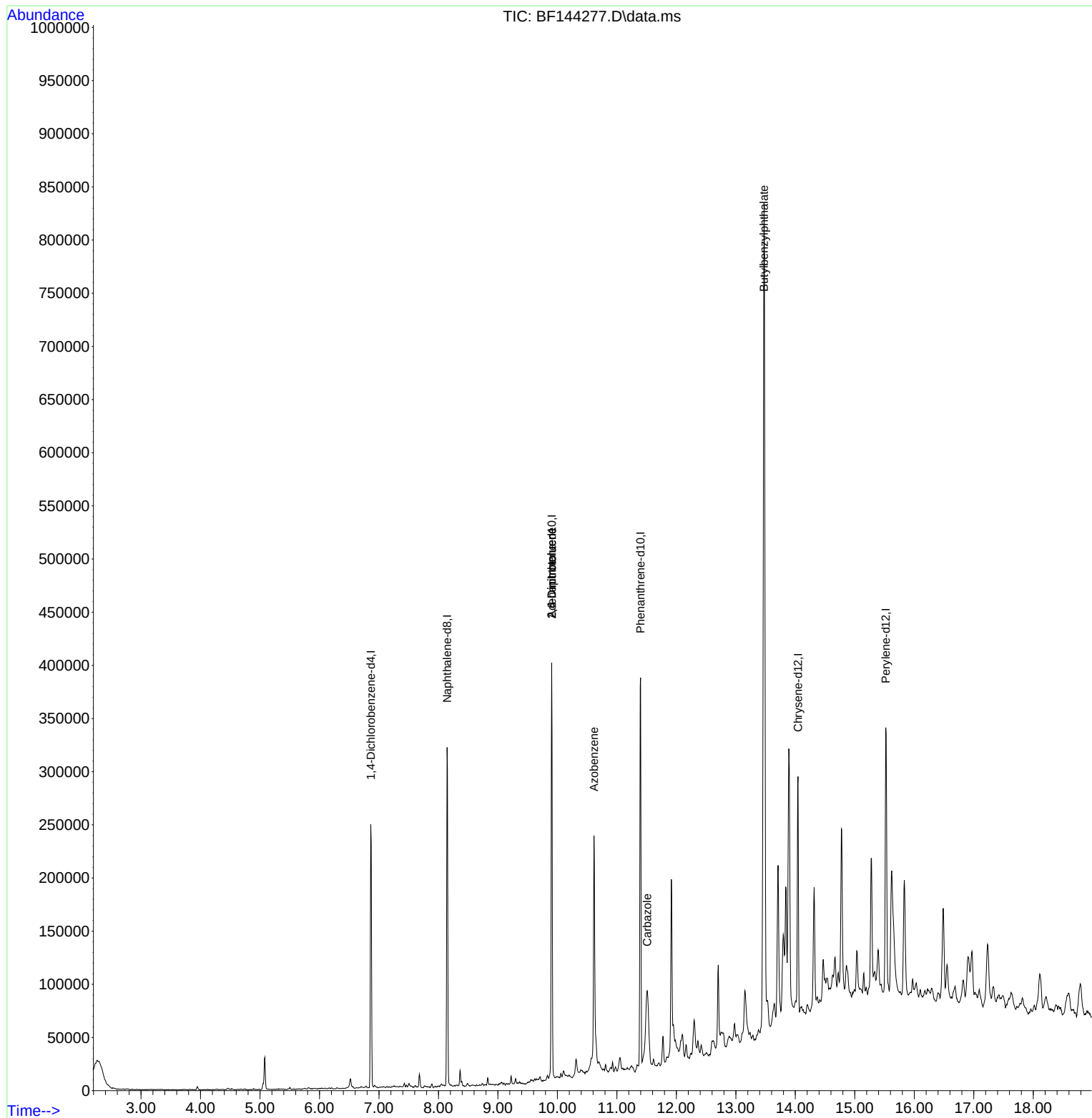
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52268	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	206177	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	119344	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	204500	20.000	ng	0.00
76) Chrysene-d12	14.045	240	114154	20.000	ng	0.00
86) Perylene-d12	15.521	264	151184	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1188	0.356	ng	0.01
7) Phenol-d6	6.504	99	1512	0.400	ng	0.00
23) Nitrobenzene-d5	7.428	82	1231	0.345	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	633	0.423	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3855	0.477	ng	0.00
79) Terphenyl-d14	12.980	244	4722	0.657	ng	-0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.904	165	16004	9.999	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	16005	7.470	ng	# 28
63) Azobenzene	10.616	77	50141	7.392	ng	# 1
73) Carbazole	11.510	167	25712	2.921	ng	# 60
80) Butylbenzylphthalate	13.474	149	146059	45.786	ng	# 25

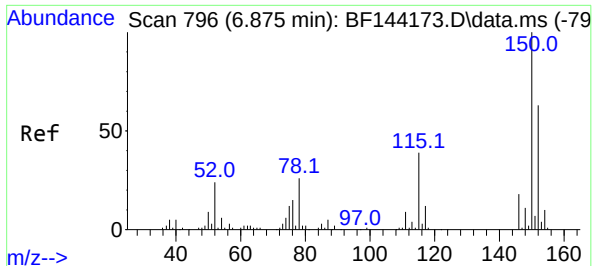
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_F
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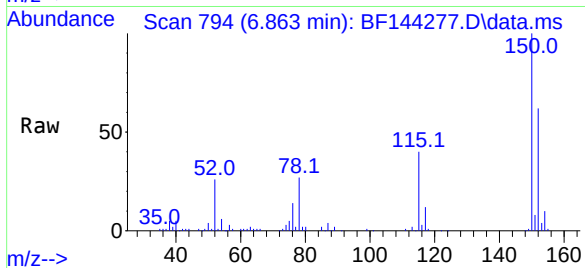
Quant Time: Nov 19 14:16:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



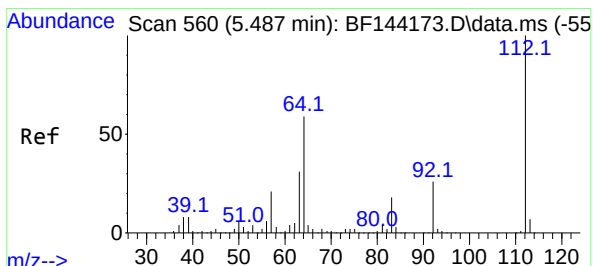
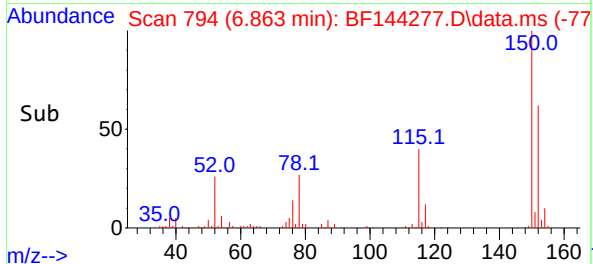
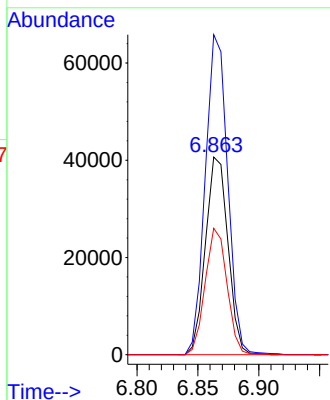


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL

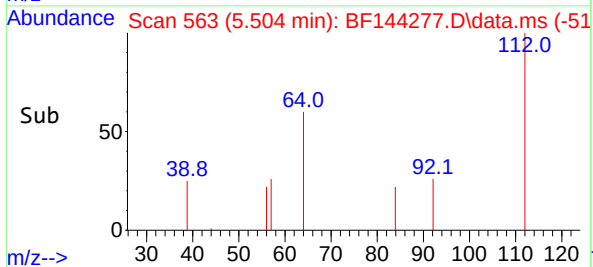
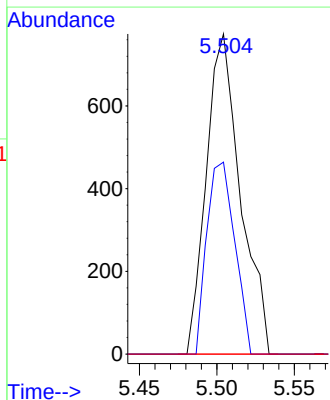
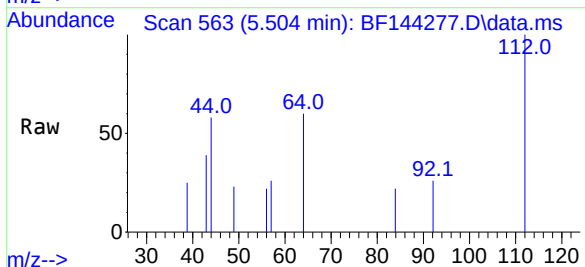


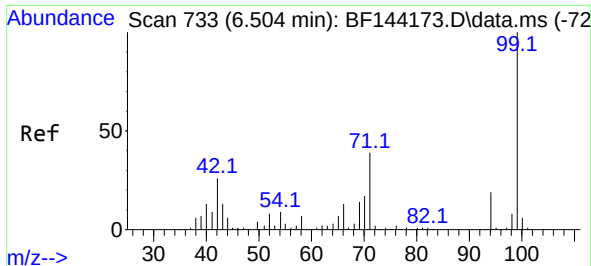
Tgt Ion:152 Resp: 52268
Ion Ratio Lower Upper
152 100
150 161.9 127.4 191.0
115 63.9 49.5 74.3



#5
2-Fluorophenol
Concen: 0.356 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Tgt Ion:112 Resp: 1188
Ion Ratio Lower Upper
112 100
64 59.9 47.2 70.8
63 0.0 24.4 36.6

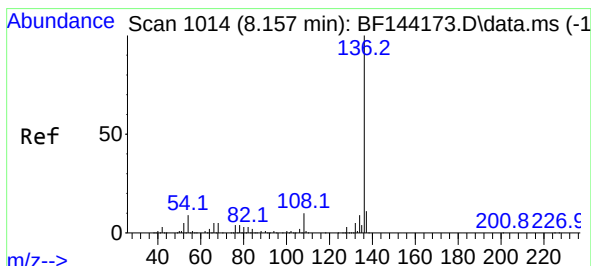
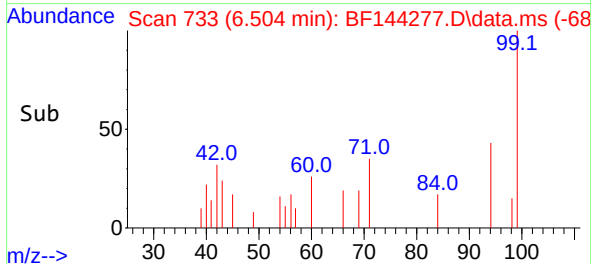
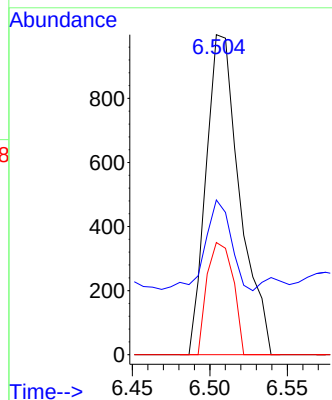
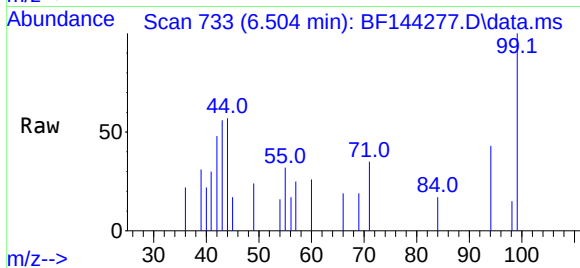




#7
Phenol-d6
Concen: 0.400 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

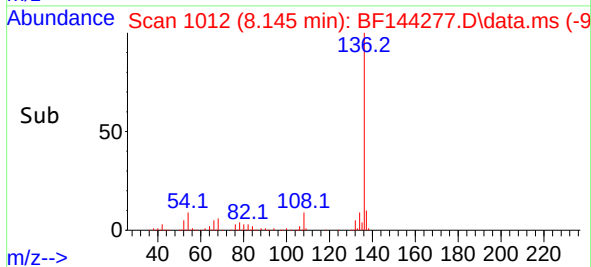
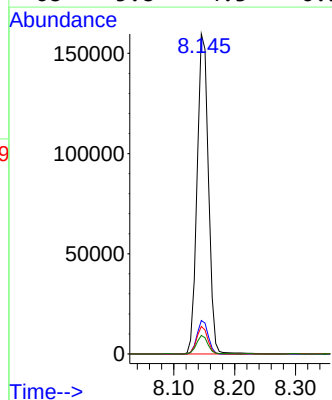
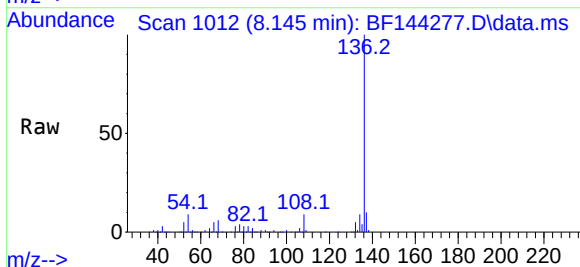
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL

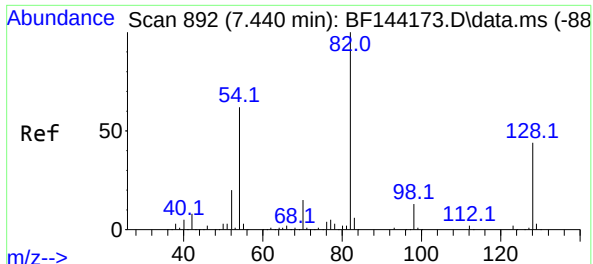
Tgt Ion: 99 Resp: 1512
Ion Ratio Lower Upper
99 100
42 48.3 20.9 31.3#
71 35.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

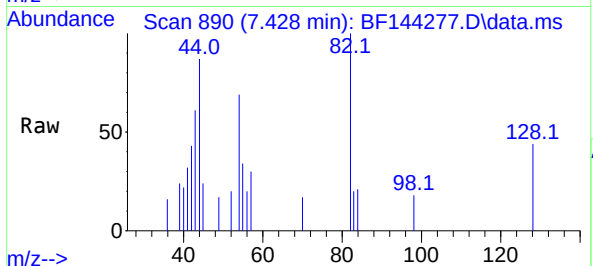
Tgt Ion: 136 Resp: 206177
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.6 7.0 10.6
68 5.8 4.3 6.5



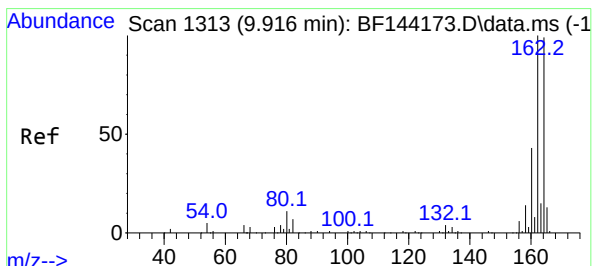
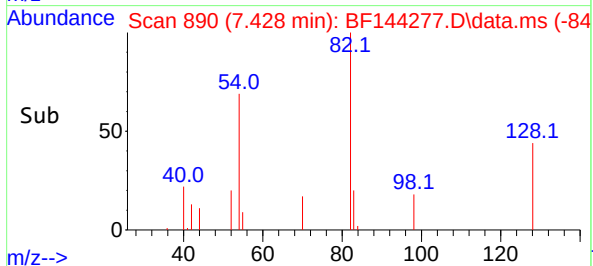
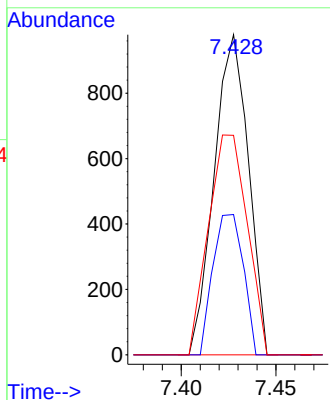


#23
Nitrobenzene-d5
Concen: 0.345 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL

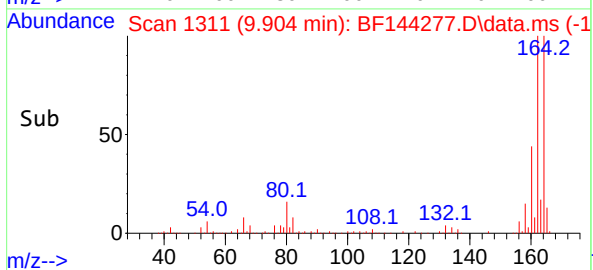
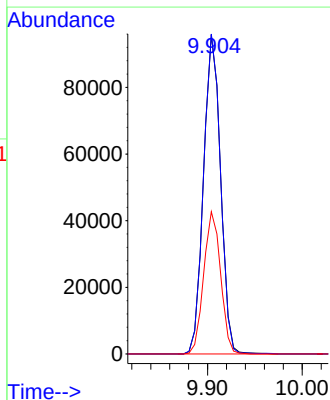
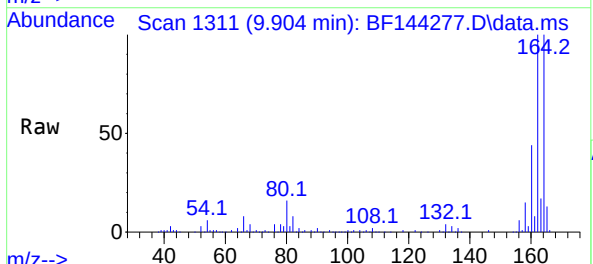


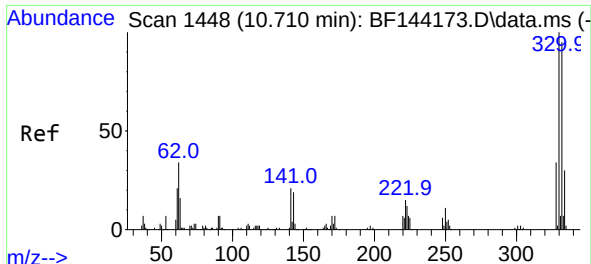
Tgt Ion: 82 Resp: 1231
Ion Ratio Lower Upper
82 100
128 43.8 34.7 52.1
54 68.5 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Tgt Ion:164 Resp: 119344
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 44.5 34.5 51.7

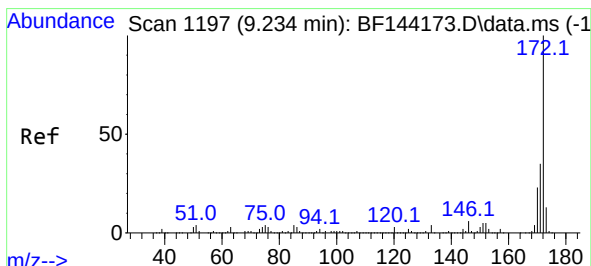
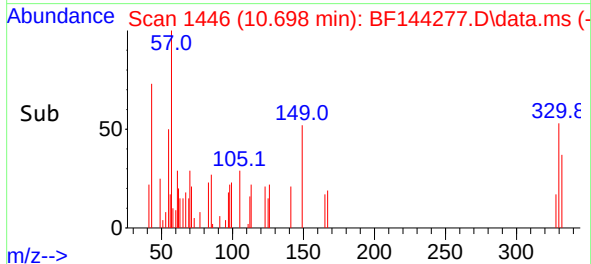
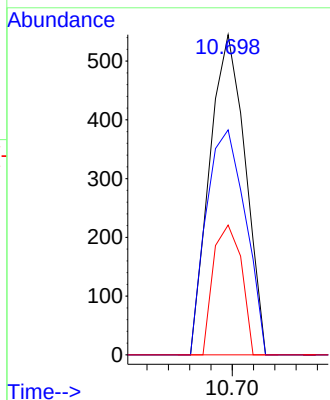
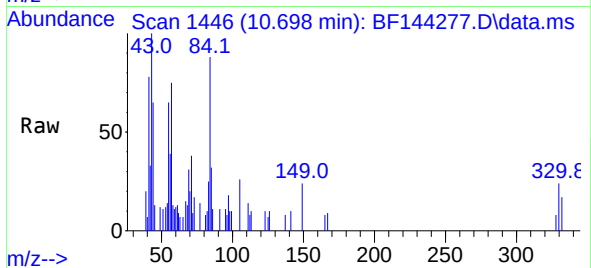




#42
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

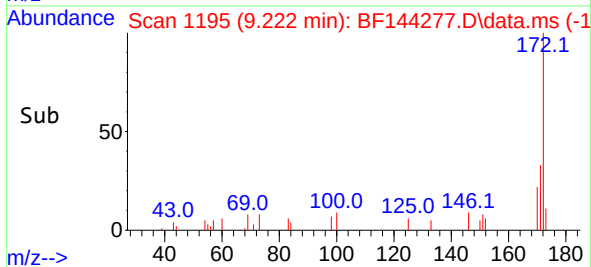
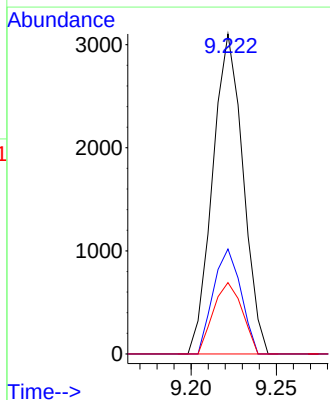
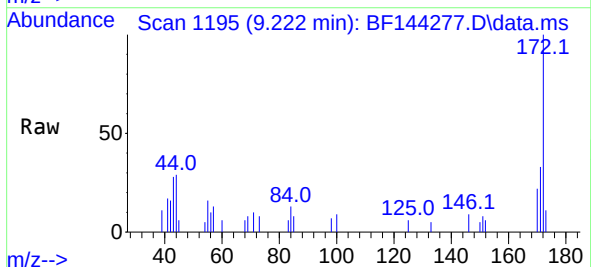
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ClientSampleId :
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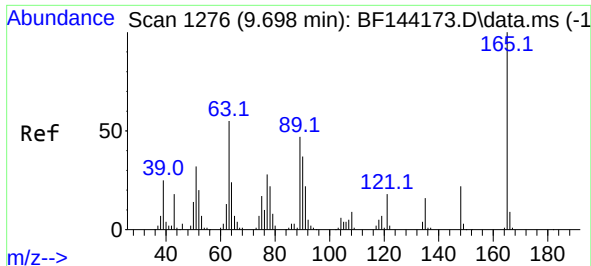
Tgt Ion:330 Resp: 633
Ion Ratio Lower Upper
330 100
332 77.3 76.7 115.1
141 32.1 17.8 26.8#



#45
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Tgt Ion:172 Resp: 3855
Ion Ratio Lower Upper
172 100
171 32.8 28.1 42.1
170 22.3 18.6 28.0

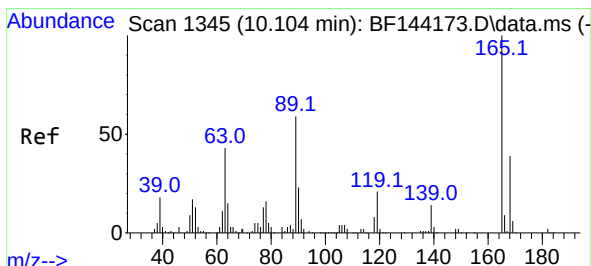
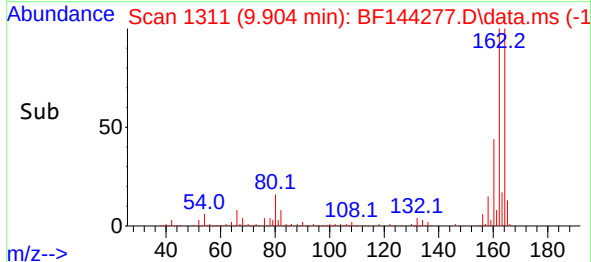
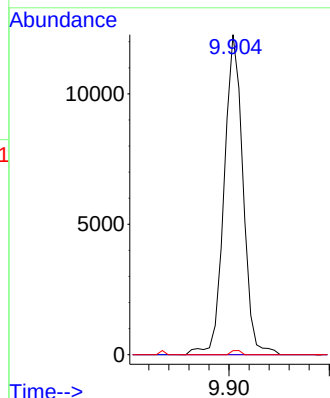
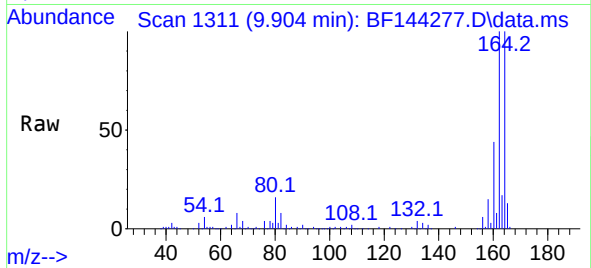




#51
2,6-Dinitrotoluene
Concen: 9.999 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

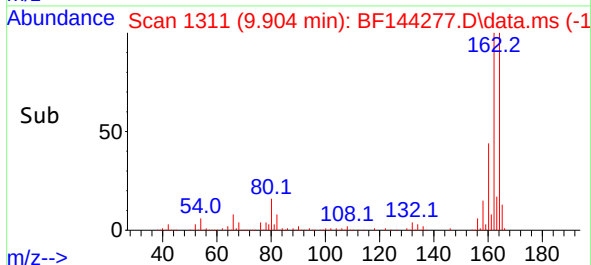
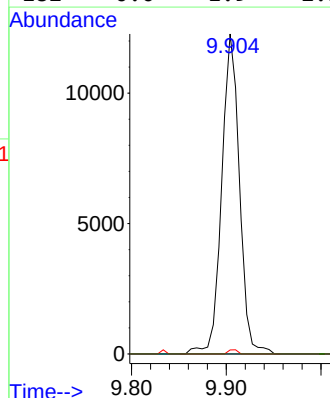
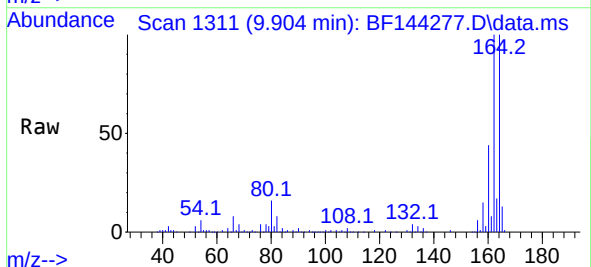
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL

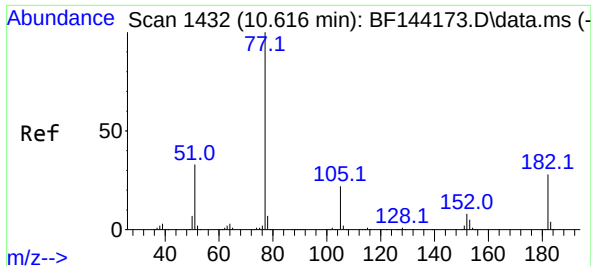
Tgt Ion:165 Resp: 16004
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 1.2 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.470 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Tgt Ion:165 Resp: 16005
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 1.2 47.4 71.2#
182 0.0 1.9 2.9#

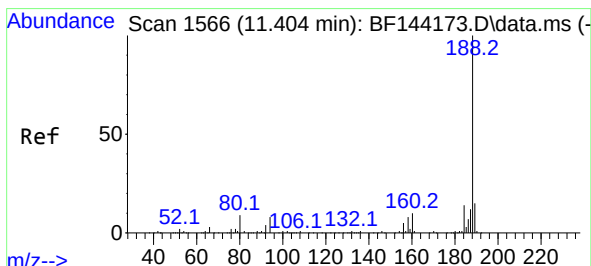
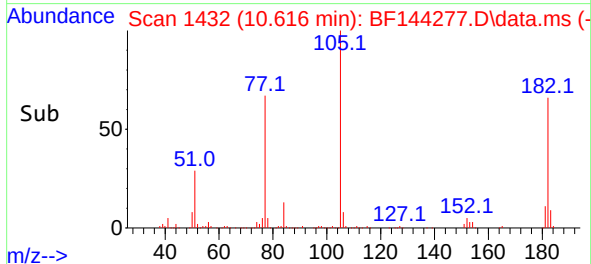
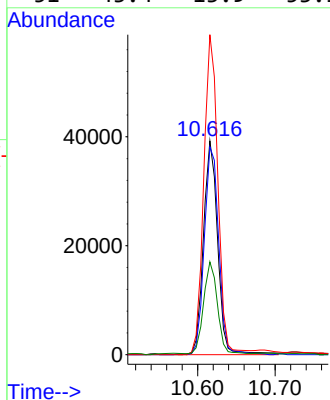
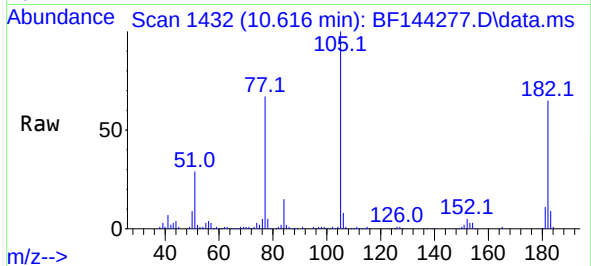




#63
Azobenzene
Concen: 7.392 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

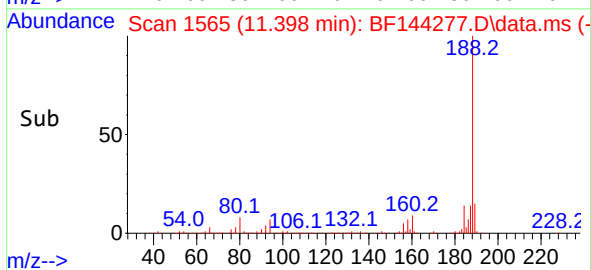
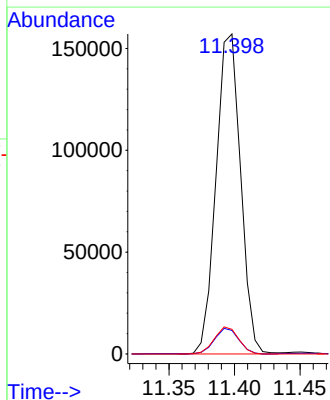
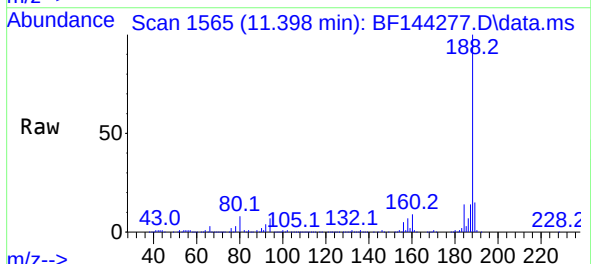
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL

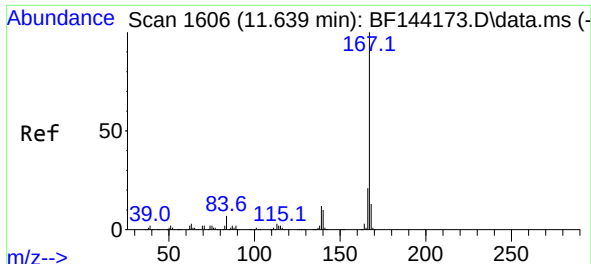
Tgt Ion: 77	Resp: 50141
Ion Ratio	Lower Upper
77 100	
182 97.1	8.1 48.1#
105 149.7	2.0 42.0#
51 43.4	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Tgt Ion: 188	Resp: 204500
Ion Ratio	Lower Upper
188 100	
94 7.4	6.2 9.2
80 7.7	6.9 10.3

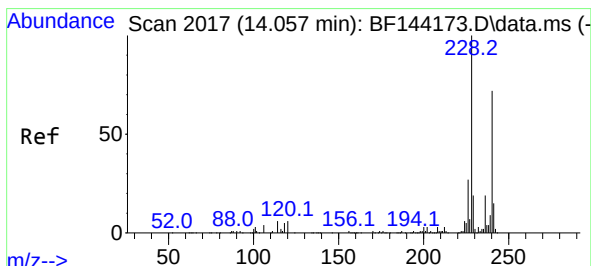
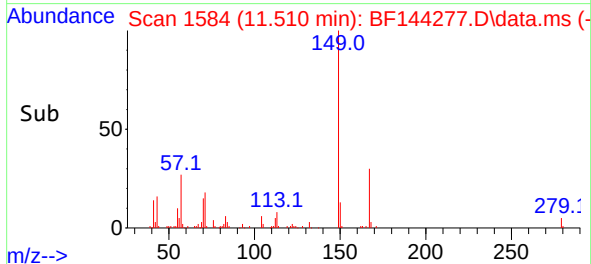
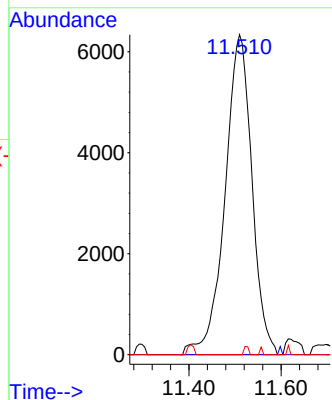
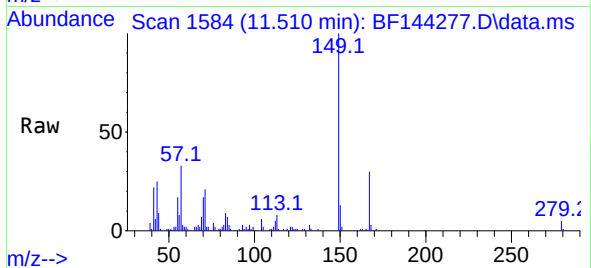




#73
Carbazole
Concen: 2.921 ng
RT: 11.510 min Scan# 11
Delta R.T. -0.130 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

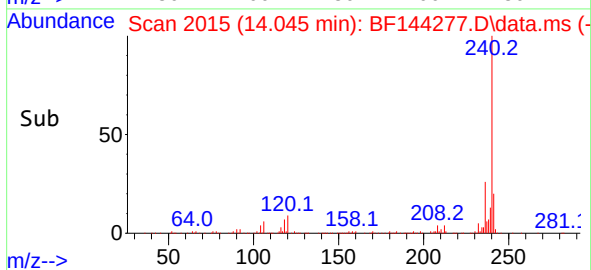
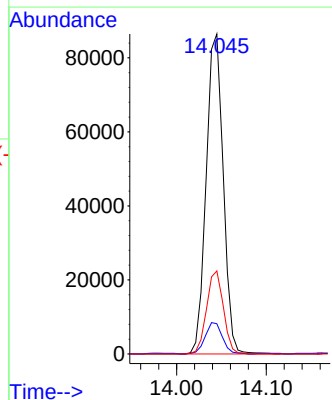
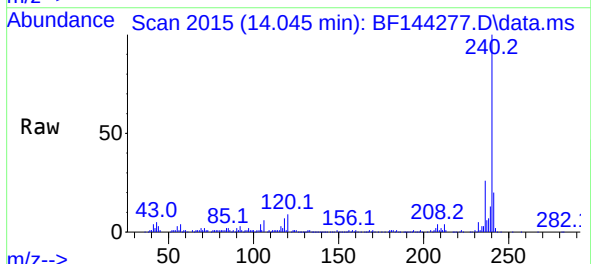
Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL

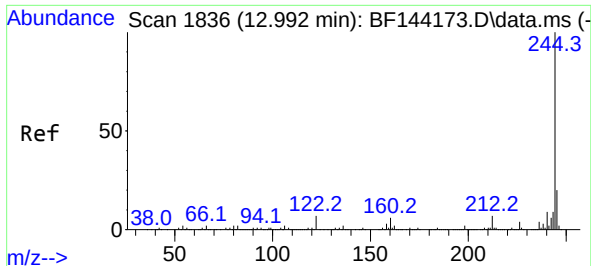
Tgt Ion:167 Resp: 25712
Ion Ratio Lower Upper
167 100
166 0.0 17.2 25.8#
139 0.0 9.9 14.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

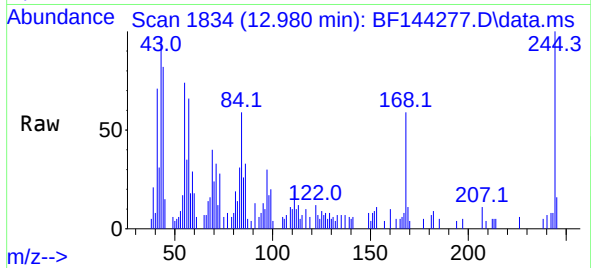
Tgt Ion:240 Resp: 114154
Ion Ratio Lower Upper
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120 9.4 6.6 10.0
236 26.0 21.4 32.2



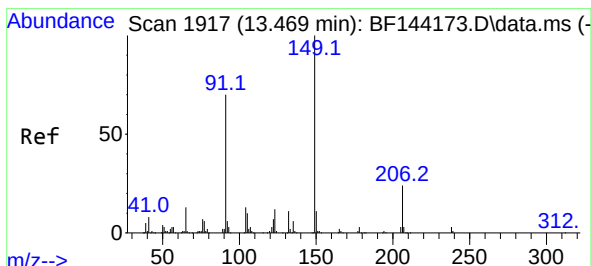
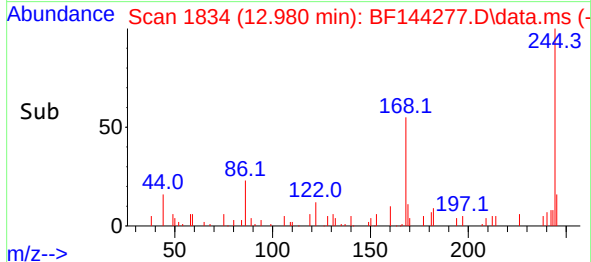
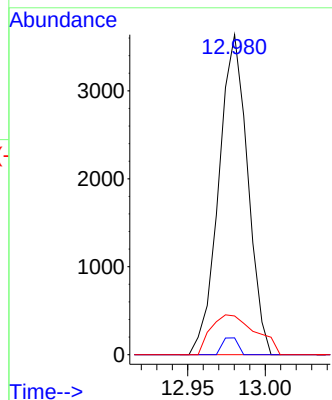


#79
 Terphenyl-d14
 Concen: 0.657 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144277.D
 Acq: 19 Nov 2025 13:56

Instrument :
 BNA_F
 ClientSampleId :
 EME-GENERAL-FILL

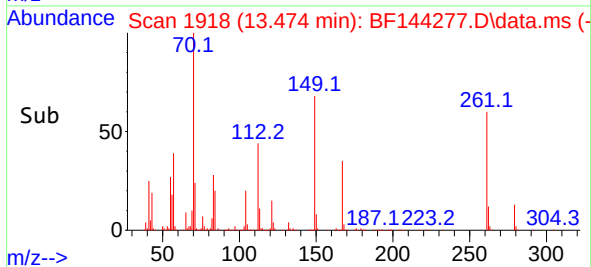
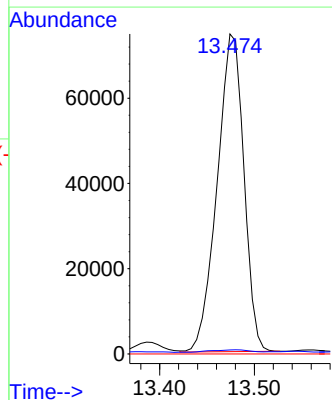
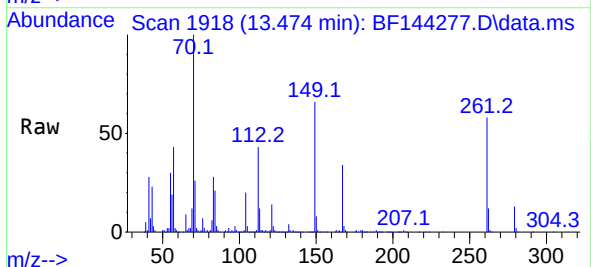


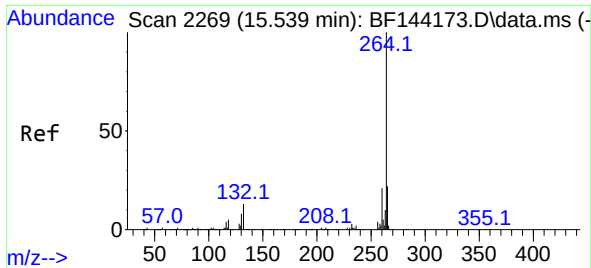
Tgt Ion:244 Resp: 4722
 Ion Ratio Lower Upper
 244 100
 212 5.3 5.3 7.9#
 122 12.1 5.6 8.4#



#80
 Butylbenzylphthalate
 Concen: 45.786 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: BF144277.D
 Acq: 19 Nov 2025 13:56

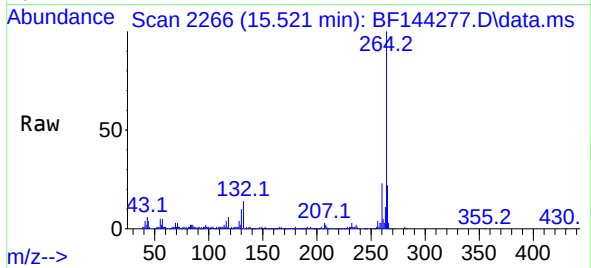
Tgt Ion:149 Resp: 146059
 Ion Ratio Lower Upper
 149 100
 91 1.3 56.1 84.1#
 206 0.0 18.8 28.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144277.D
Acq: 19 Nov 2025 13:56

Instrument :
BNA_F
ClientSampleId :
EME-GENERAL-FILL



Tgt Ion:264 Resp: 151184

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.1	25.7
265	21.8	17.4	26.0

