

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144133.D
 Acq On : 29 Oct 2025 17:32
 Operator : RC/JU
 Sample : Q3480-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3449

Quant Time: Oct 29 17:57:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

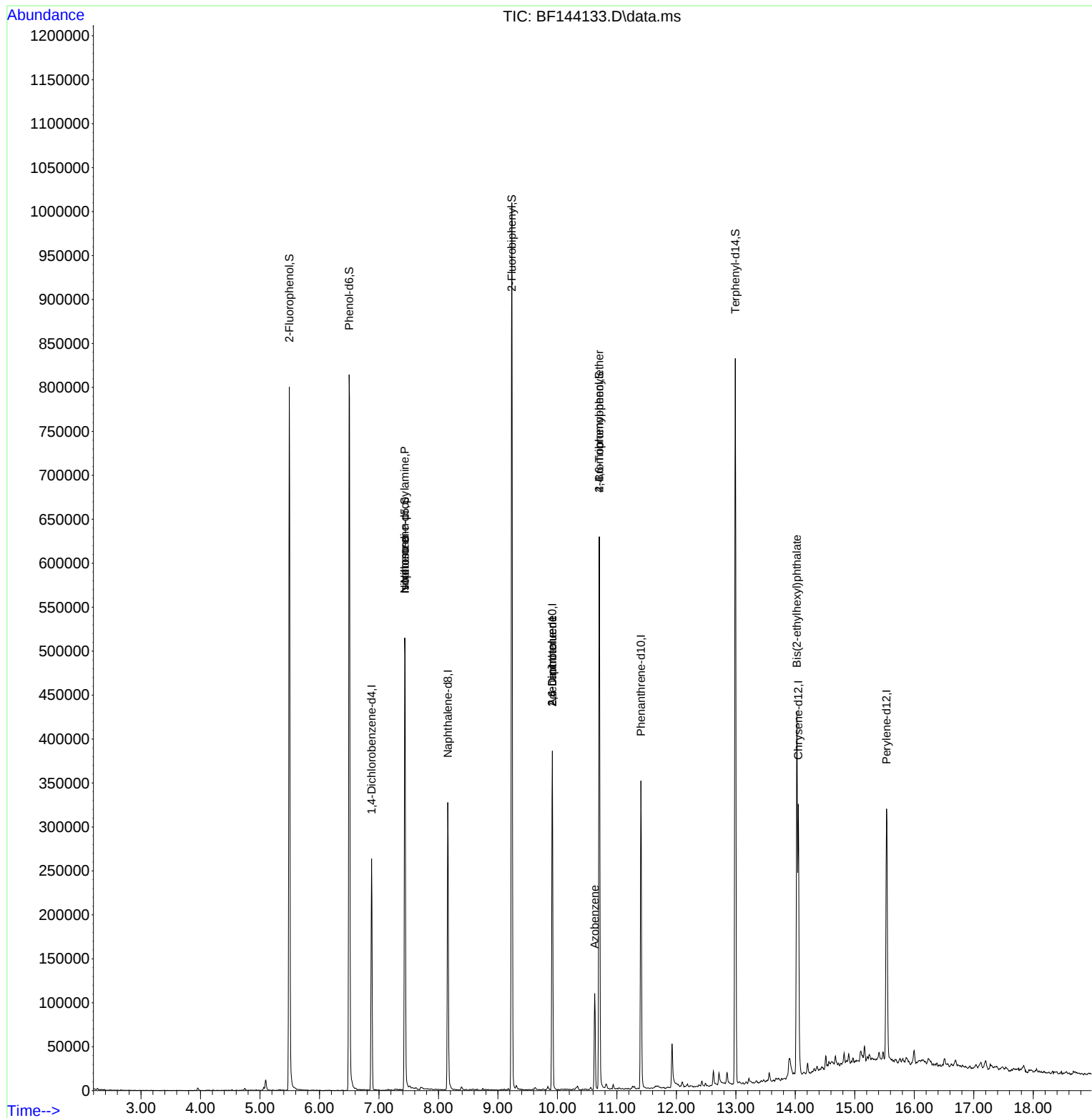
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53753	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	210318	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	117391	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	195326	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153480	20.000	ng	0.00
86) Perylene-d12	15.533	264	189841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	303232	89.250	ng	0.00
7) Phenol-d6	6.498	99	355160	94.653	ng	0.00
23) Nitrobenzene-d5	7.434	82	220200	57.361	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	125780	84.115	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	467897	56.089	ng	0.00
79) Terphenyl-d14	12.992	244	431153	49.111	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	32967	13.587	ng	# 73
25) Isophorone	7.434	82	220198	32.809	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	15247	10.023	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	15247	7.427	ng	# 25
63) Azobenzene	10.628	77	27380	3.998	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	7510	3.071	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.027	149	156238	27.416	ng	100

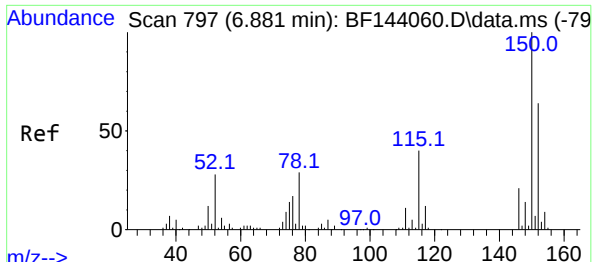
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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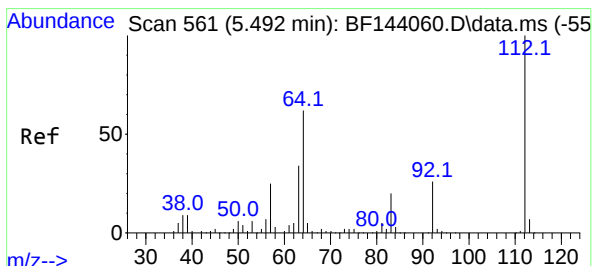
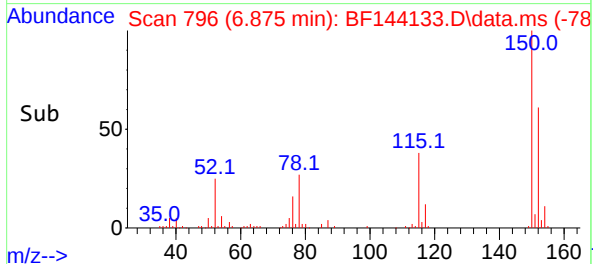
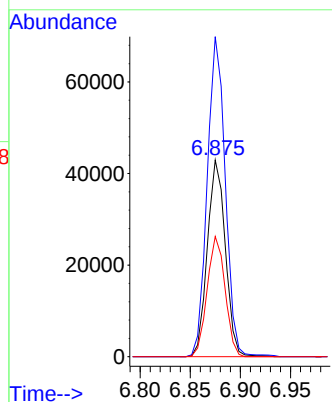
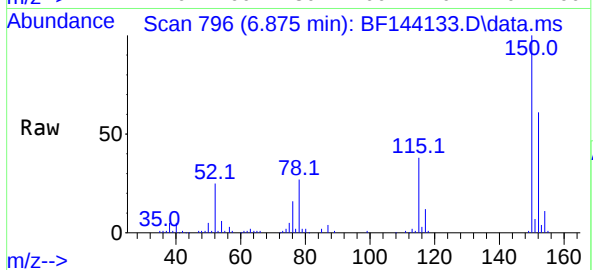




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

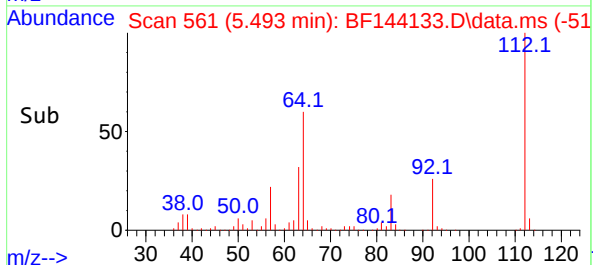
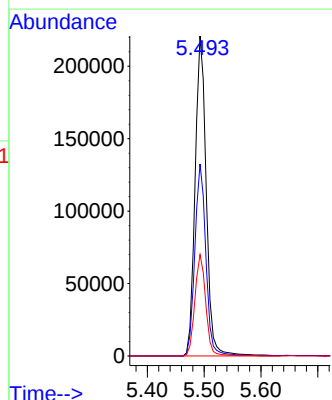
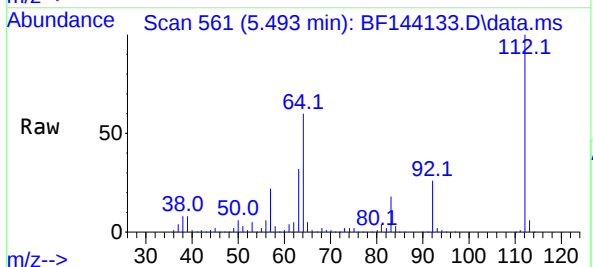
Instrument :
BNA_F
ClientSampleId :
RT3449

Tgt Ion:152 Resp: 53753
Ion Ratio Lower Upper
152 100
150 162.8 124.4 186.6
115 61.1 49.4 74.0



#5
2-Fluorophenol
Concen: 89.250 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion:112 Resp: 303232
Ion Ratio Lower Upper
112 100
64 60.0 49.8 74.8
63 31.7 27.4 41.2

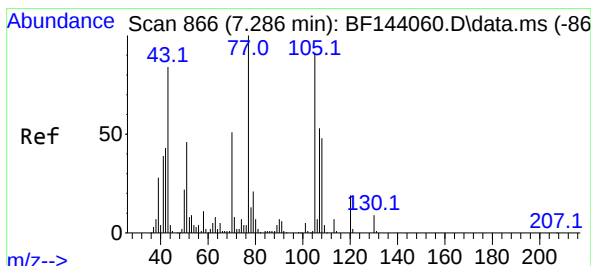
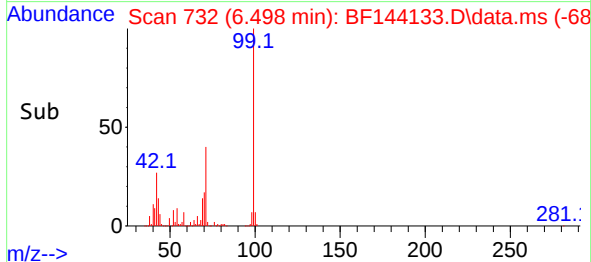
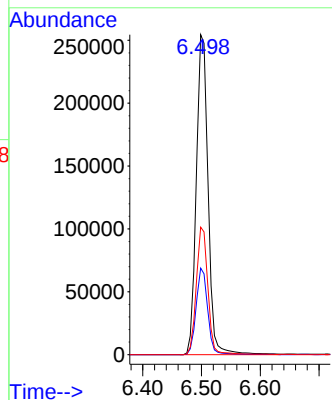
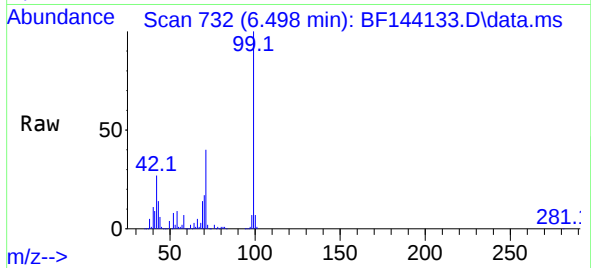




#7
Phenol-d6
Concen: 94.653 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

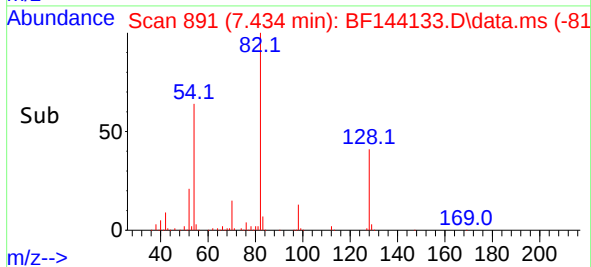
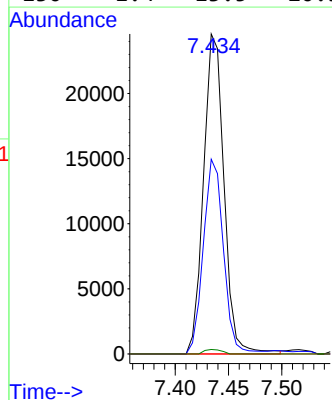
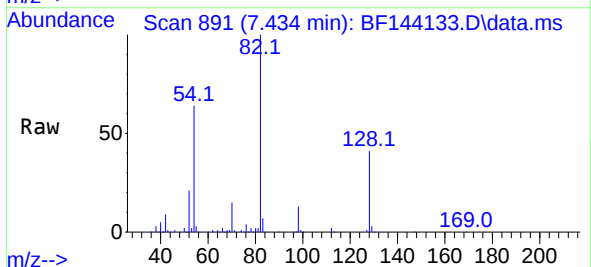
Instrument :
BNA_F
ClientSampleId :
RT3449

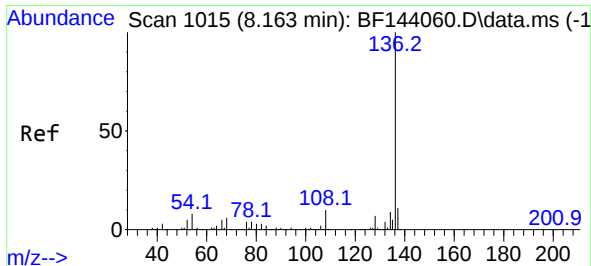
Tgt Ion: 99 Resp: 355160
Ion Ratio Lower Upper
99 100
42 27.1 23.9 35.9
71 39.9 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.587 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion: 70 Resp: 32967
Ion Ratio Lower Upper
70 100
42 60.9 67.4 101.0#
101 0.0 7.1 10.7#
130 1.4 13.5 20.3#



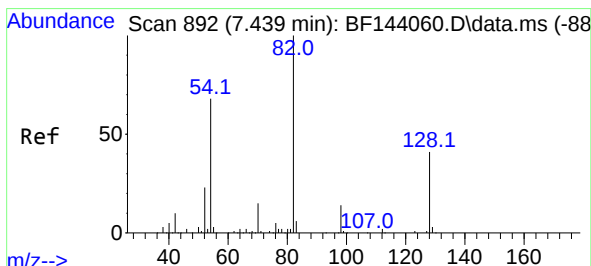
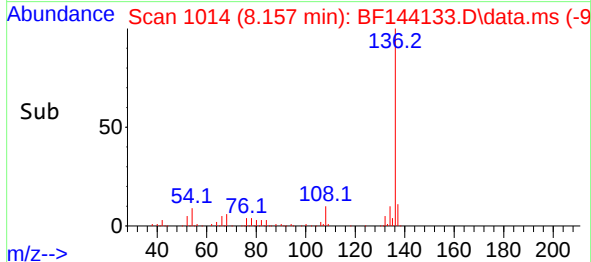
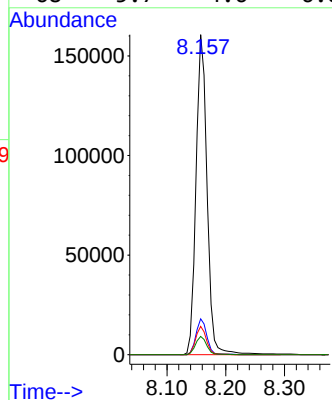
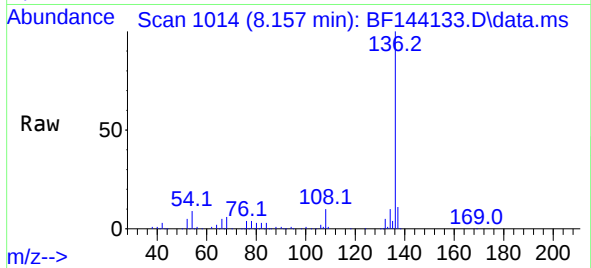


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Instrument :
BNA_F
ClientSampleId :
RT3449

Tgt Ion:136 Resp: 210318

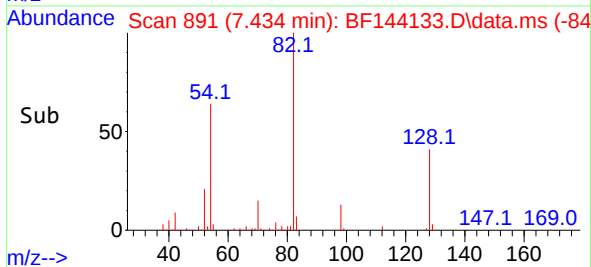
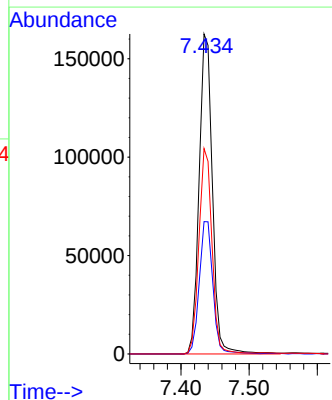
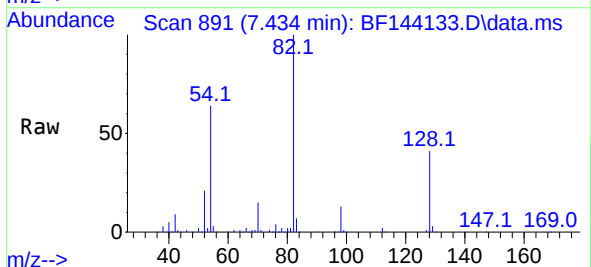
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.9	6.6	9.8
68	5.7	4.6	6.8

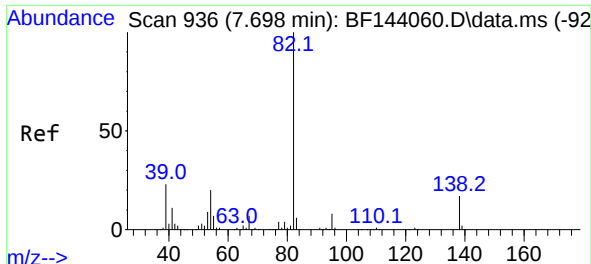


#23
Nitrobenzene-d5
Concen: 57.361 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion: 82 Resp: 220200

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.4	48.6
54	64.2	54.0	81.0

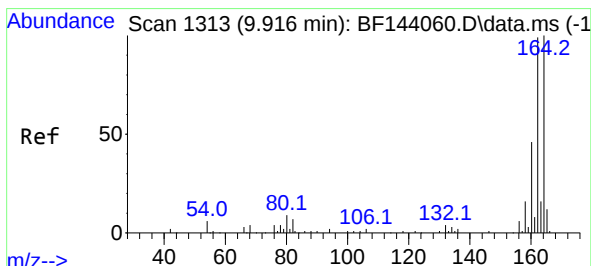
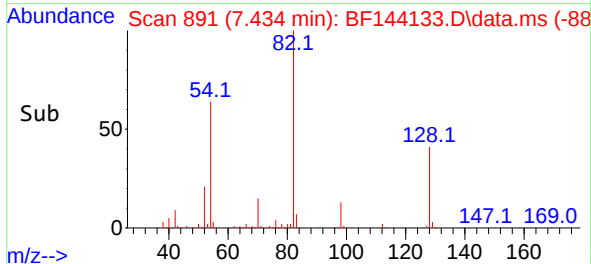
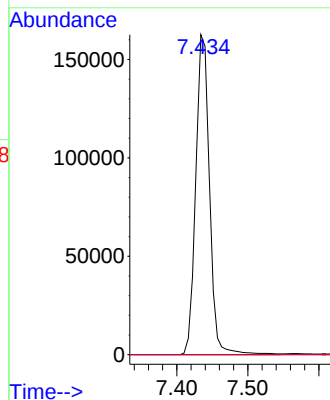
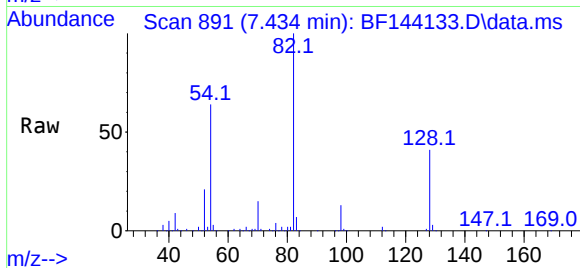




#25
Isophorone
Concen: 32.809 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

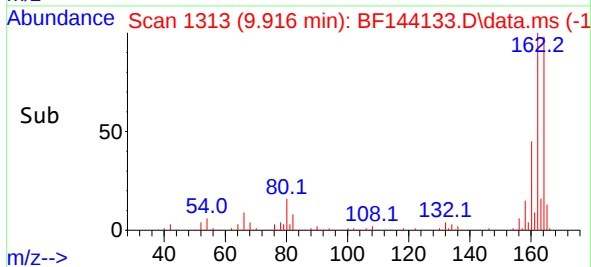
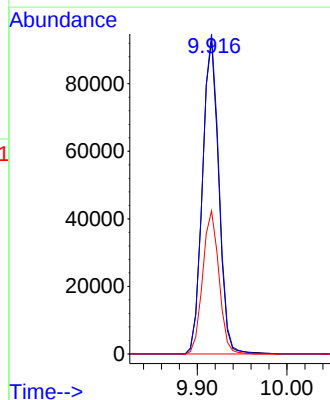
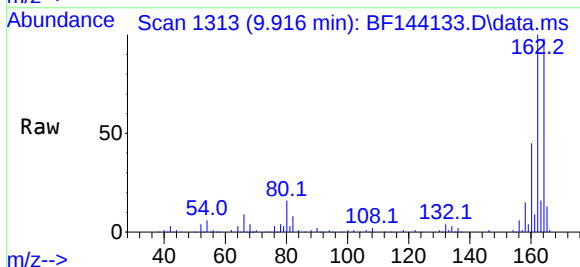
Instrument :
BNA_F
ClientSampleId :
RT3449

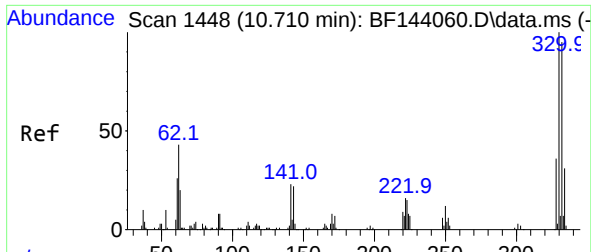
Tgt Ion: 82 Resp: 220198
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

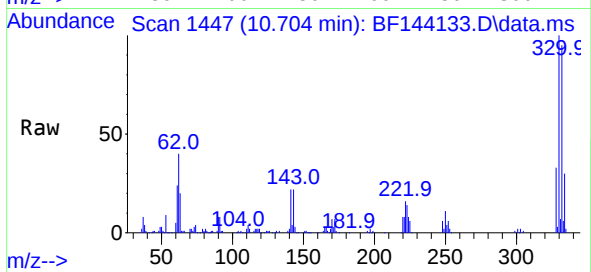
Tgt Ion:164 Resp: 117391
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.2
160 45.6 36.7 55.1



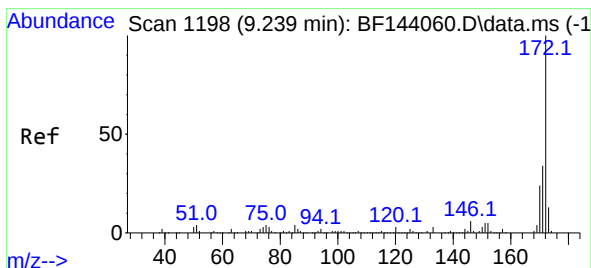
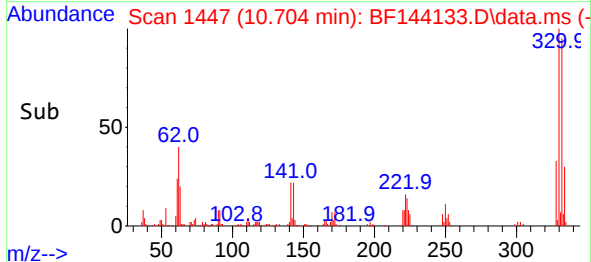
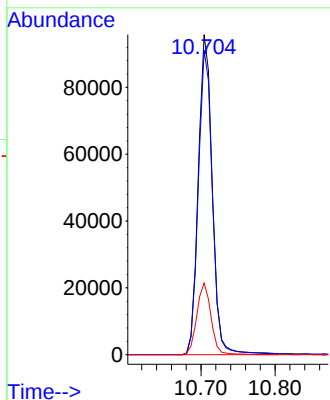


#42
2,4,6-Tribromophenol
Concen: 84.115 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Instrument :
BNA_F
ClientSampleId :
RT3449

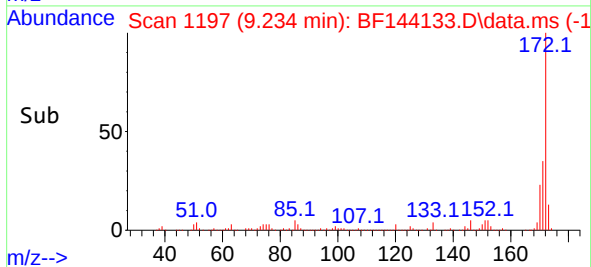
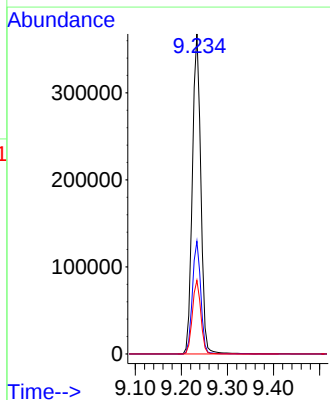
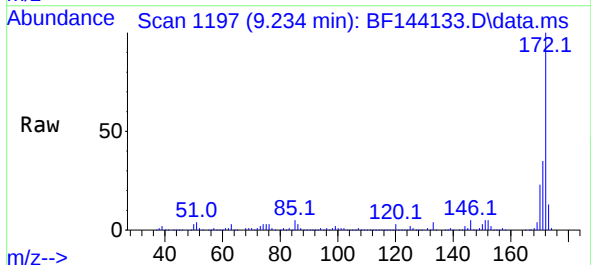


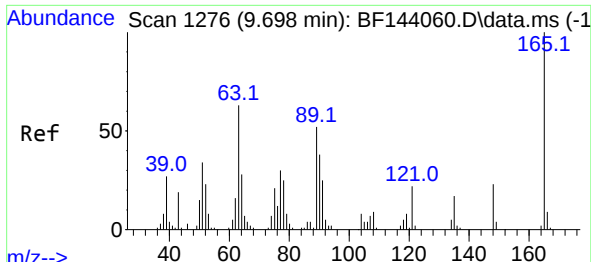
Tgt Ion:330 Resp: 125780
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 22.5 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 56.089 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion:172 Resp: 467897
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 23.0 19.0 28.6

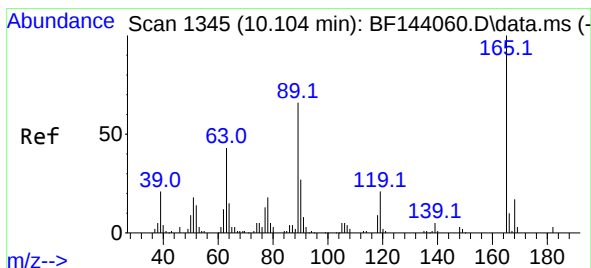
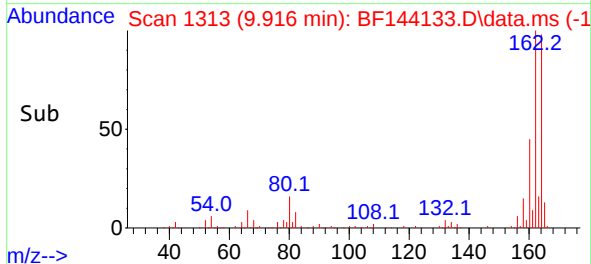
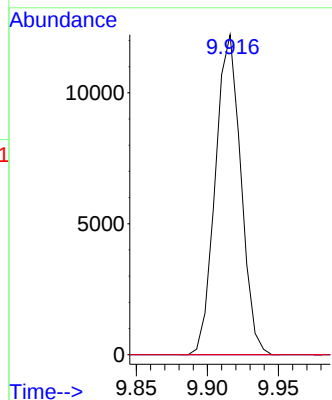
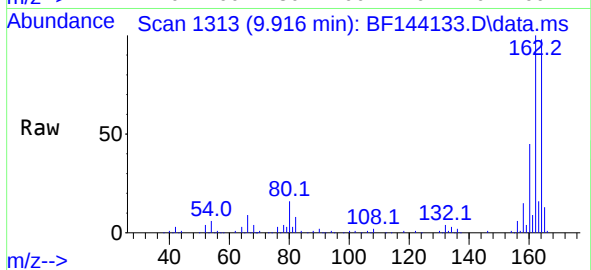




#51
2,6-Dinitrotoluene
Concen: 10.023 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

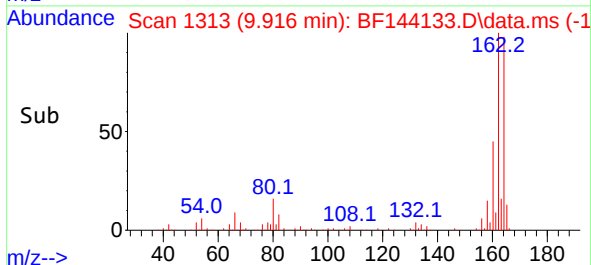
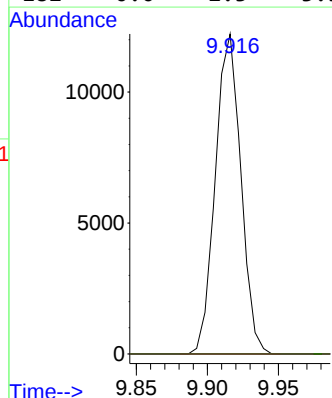
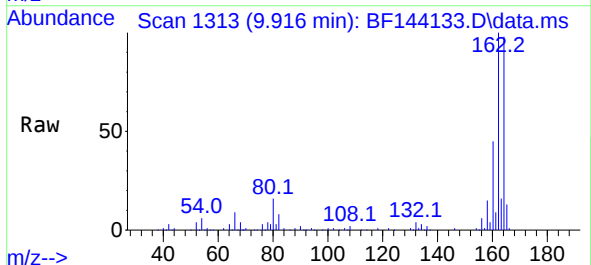
Instrument :
BNA_F
ClientSampleId :
RT3449

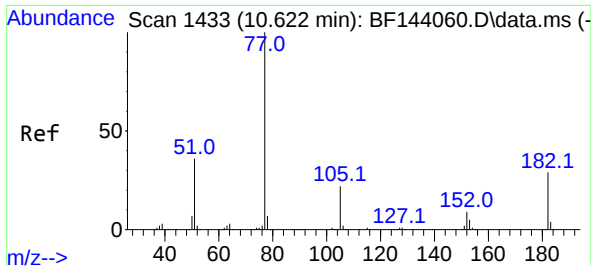
Tgt Ion:165 Resp: 15247
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.427 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion:165 Resp: 15247
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#

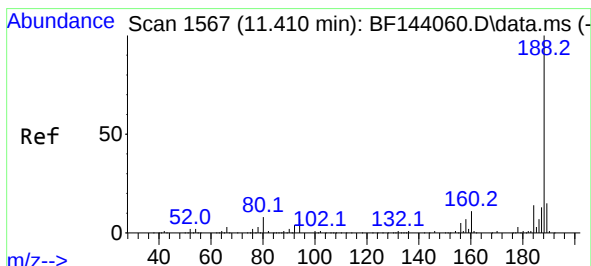
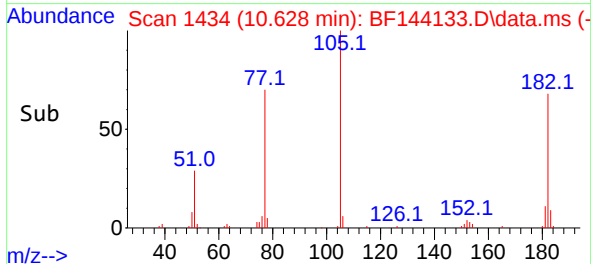
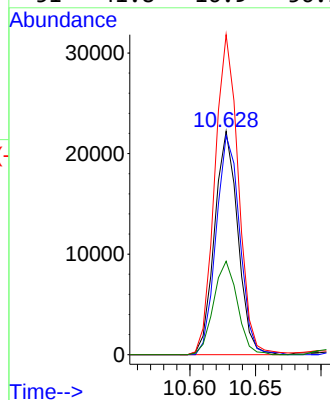
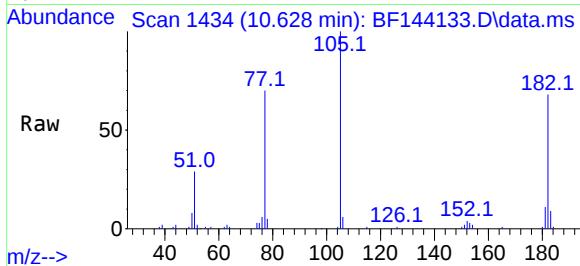




#63
Azobenzene
Concen: 3.998 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

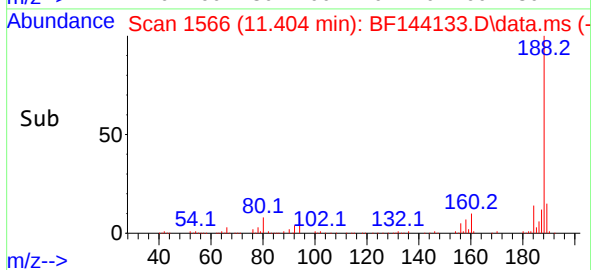
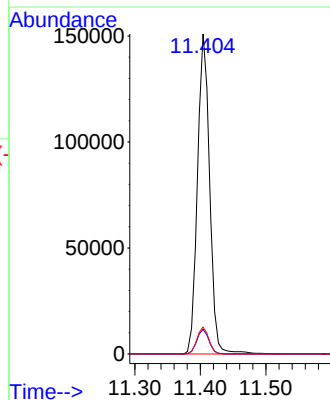
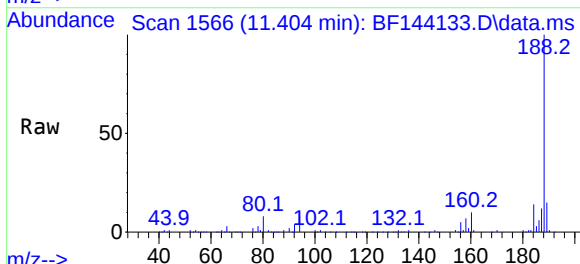
Instrument :
BNA_F
ClientSampleId :
RT3449

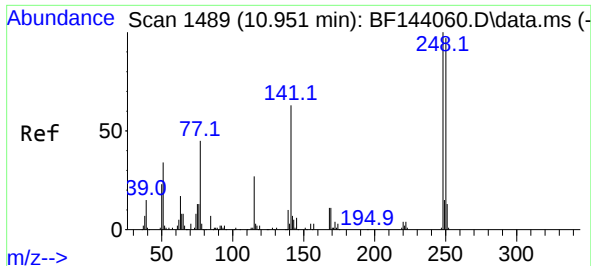
Tgt Ion: 77 Resp: 27380
Ion Ratio Lower Upper
77 100
182 98.1 9.0 49.0#
105 143.3 1.4 41.4#
51 41.8 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion:188 Resp: 195326
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 8.4 6.0 9.0

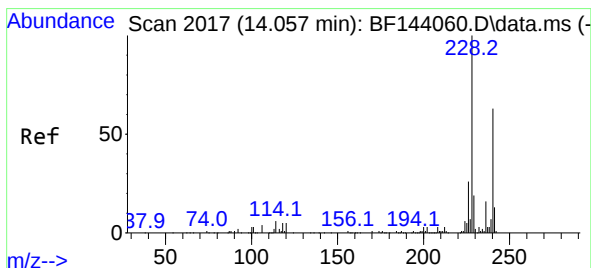
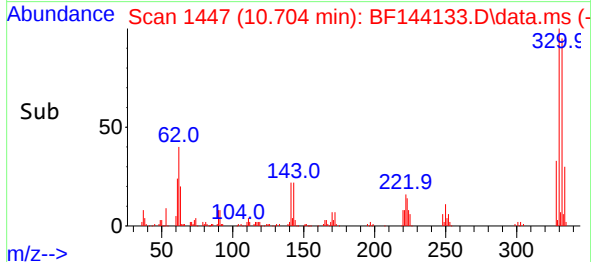
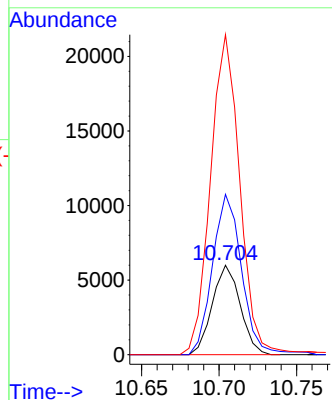
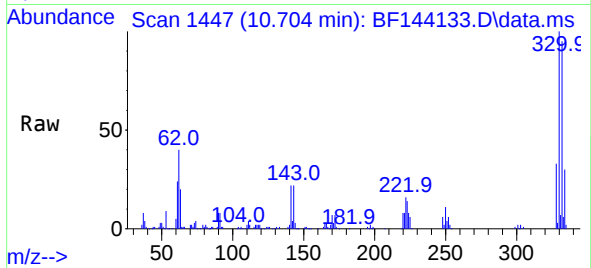




#67
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

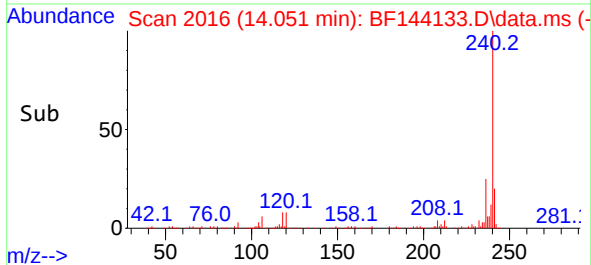
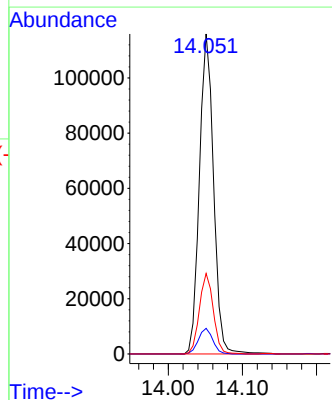
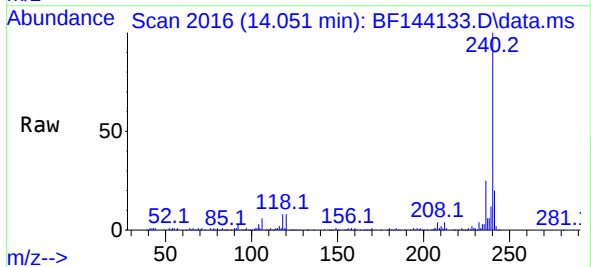
Instrument :
BNA_F
ClientSampleId :
RT3449

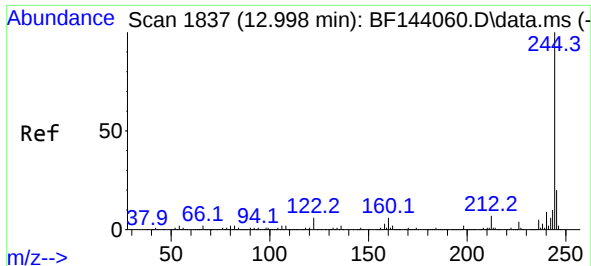
Tgt Ion:248 Resp: 7510
Ion Ratio Lower Upper
248 100
250 179.2 77.8 116.6#
141 357.7 50.5 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144133.D
Acq: 29 Oct 2025 17:32

Tgt Ion:240 Resp: 153480
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.2 20.1 30.1

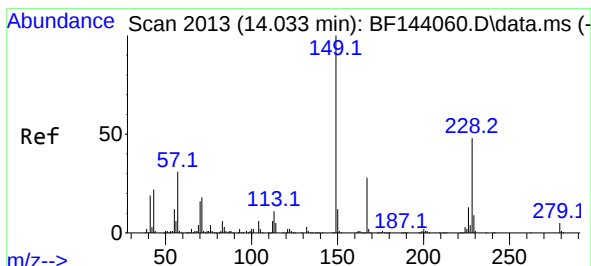
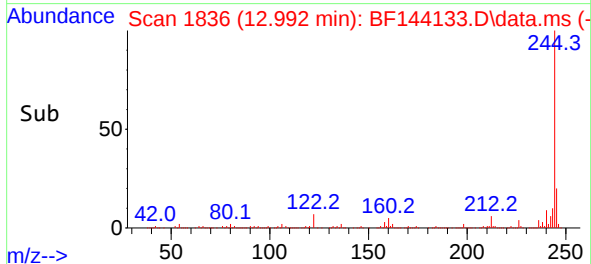
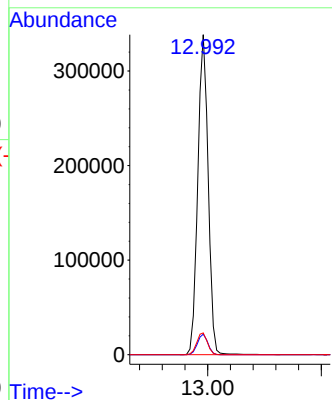
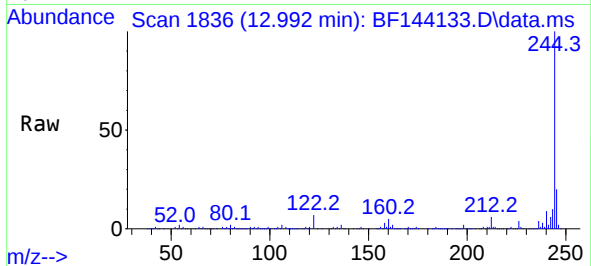




#79
 Terphenyl-d14
 Concen: 49.111 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144133.D
 Acq: 29 Oct 2025 17:32

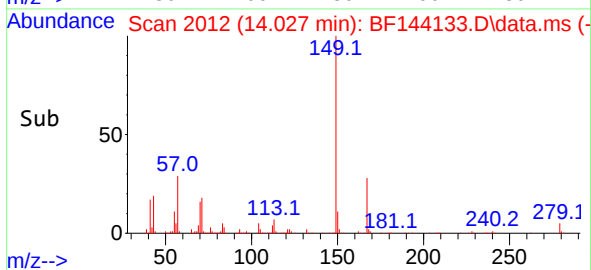
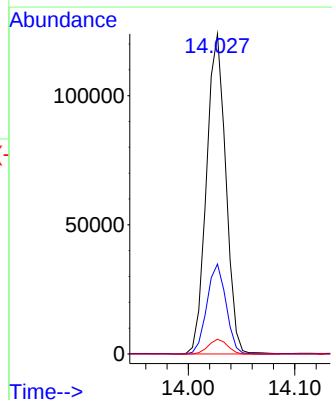
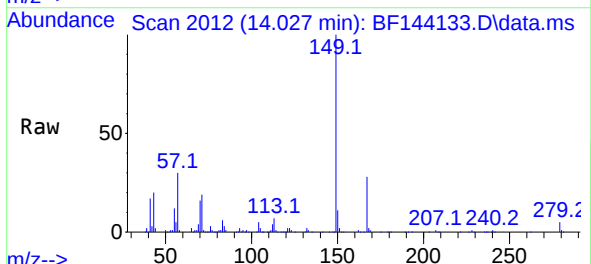
Instrument :
 BNA_F
 ClientSampleId :
 RT3449

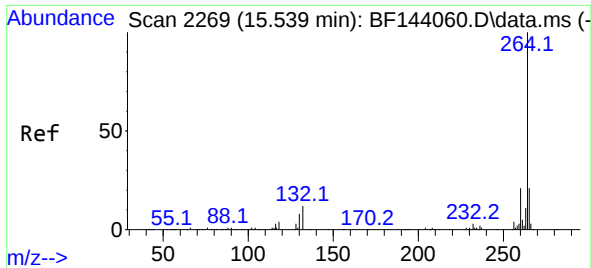
Tgt Ion:244 Resp: 431153
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 6.8 4.9 7.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.416 ng
 RT: 14.027 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: BF144133.D
 Acq: 29 Oct 2025 17:32

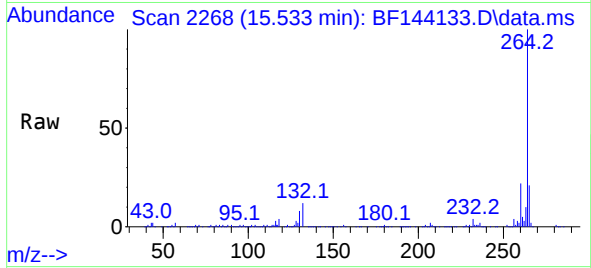
Tgt Ion:149 Resp: 156238
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.5 33.7
 279 4.6 3.6 5.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144133.D
 Acq: 29 Oct 2025 17:32

Instrument :
 BNA_F
 ClientSampleId :
 RT3449



Tgt Ion:264 Resp: 189841
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.0 25.4
 265 21.3 16.6 24.8

