

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144204.D
 Acq On : 11 Nov 2025 15:38
 Operator : RC/JU
 Sample : Q3584-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Quant Time: Nov 11 15:59:38 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)

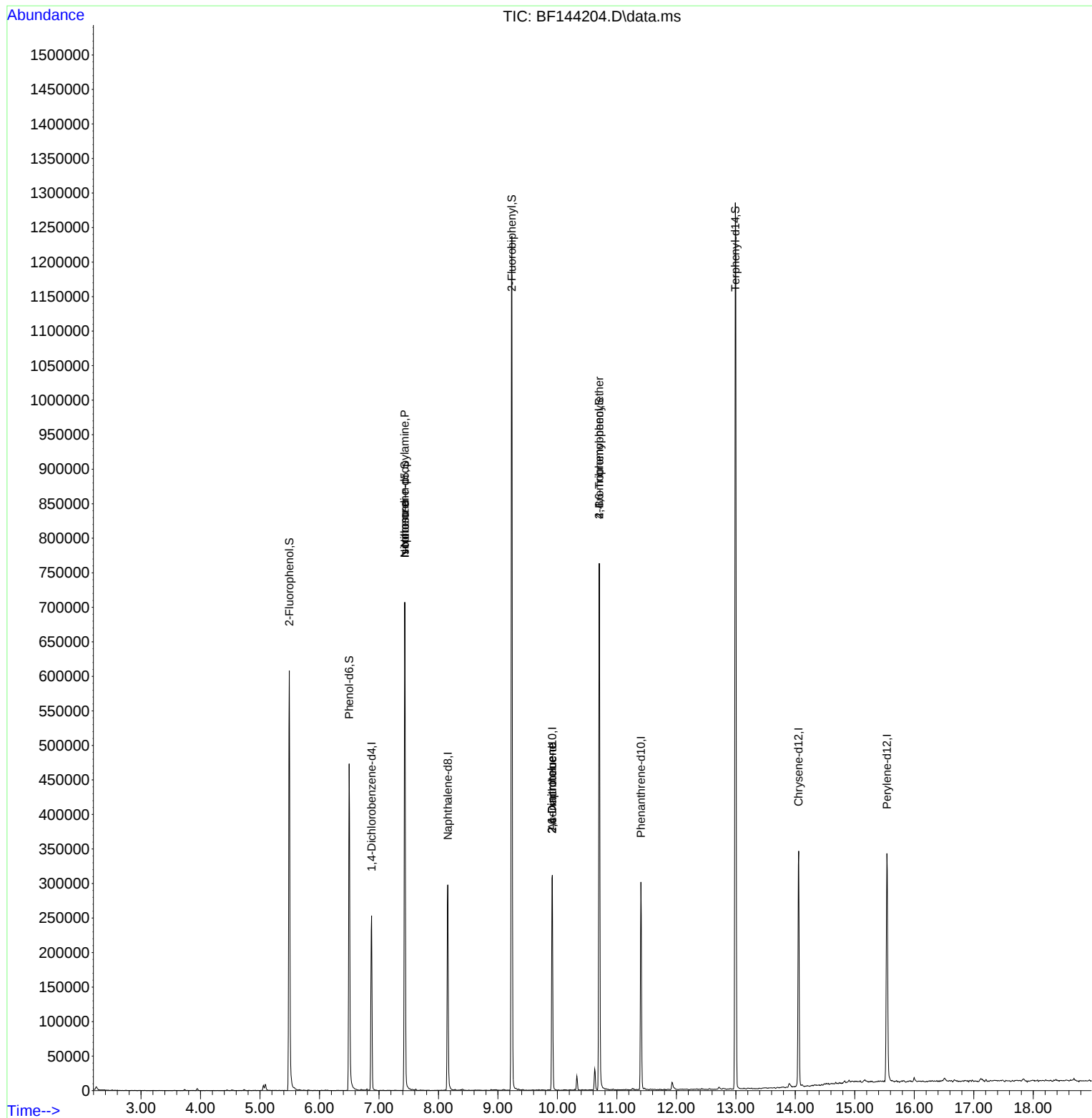
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	54285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	195487	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	102900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186431	20.000	ng	0.00
86) Perylene-d12	15.539	264	227605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240153	69.229	ng	0.00
7) Phenol-d6	6.498	99	211309	53.760	ng	0.00
23) Nitrobenzene-d5	7.434	82	295394	87.272	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	153092	118.559	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	585790	84.079	ng	0.00
79) Terphenyl-d14	12.992	244	708798	60.390	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	43956	16.987	ng	# 78
25) Isophorone	7.434	82	295392	46.138	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	13296	9.635	ng	# 27
57) 2,4-Dinitrotoluene	9.910	165	13296	7.197	ng	# 27
67) 4-Bromophenyl-phenylether	10.704	248	8047	3.802	ng	# 1

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

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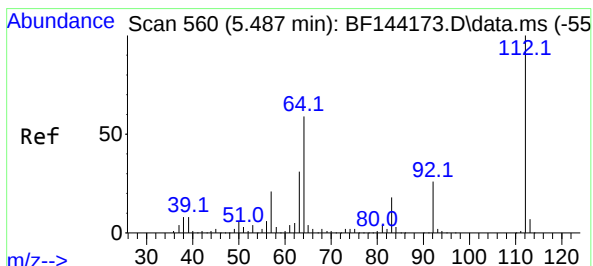
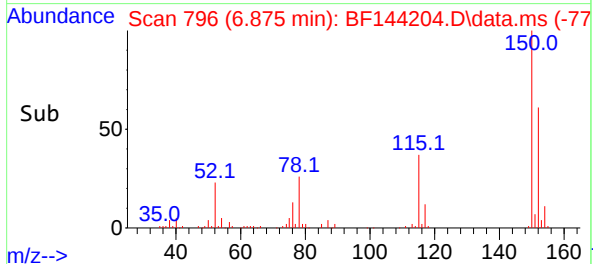
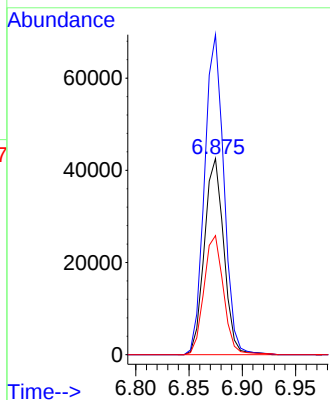
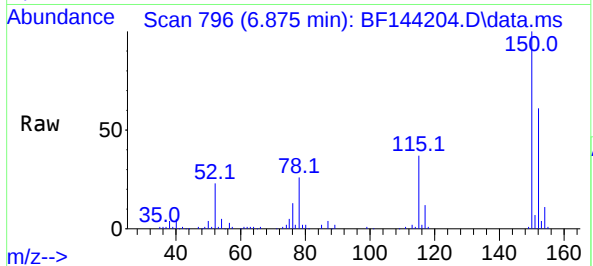




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

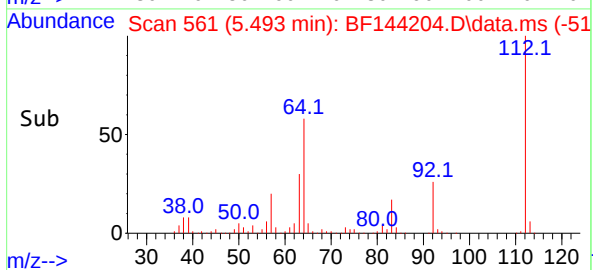
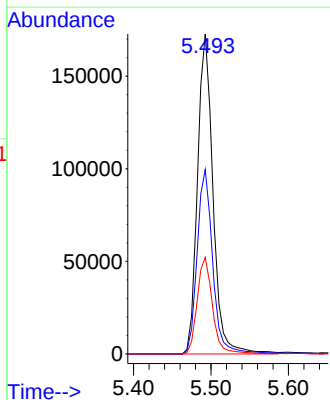
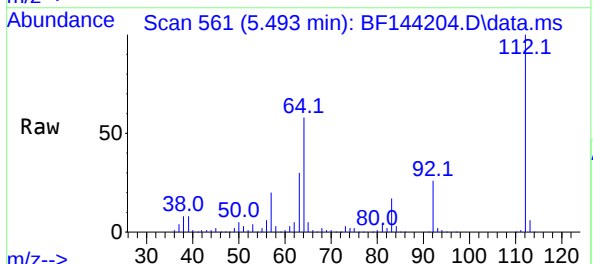
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BNA_F
ClientSampleId :
SW-3

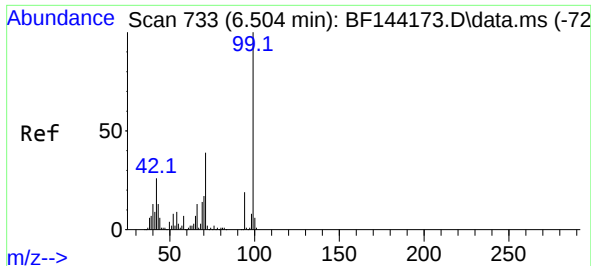
Tgt Ion:152 Resp: 54285
Ion Ratio Lower Upper
152 100
150 163.1 127.4 191.0
115 60.7 49.5 74.3



#5
2-Fluorophenol
Concen: 69.229 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:112 Resp: 240153
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 30.2 24.4 36.6

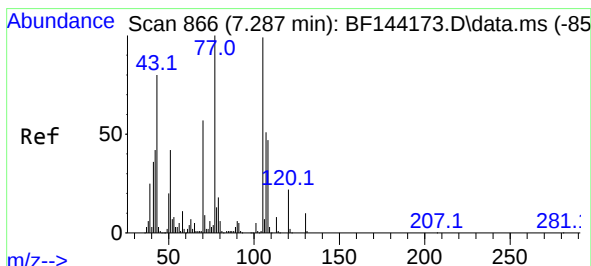
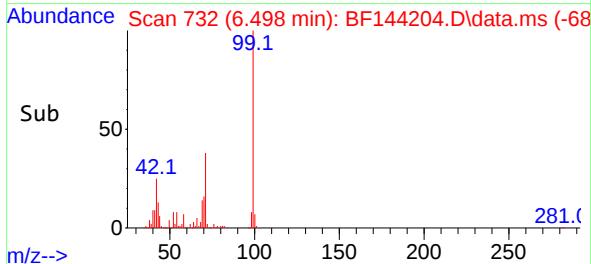
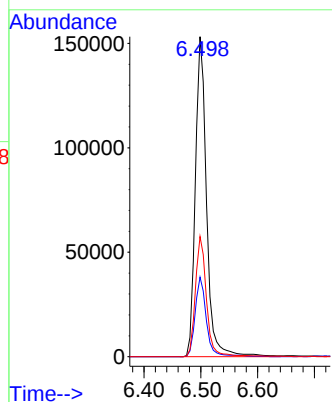
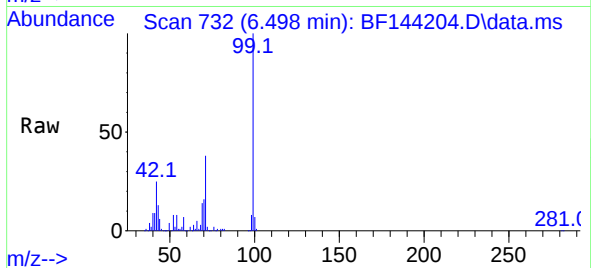




#7
Phenol-d6
Concen: 53.760 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

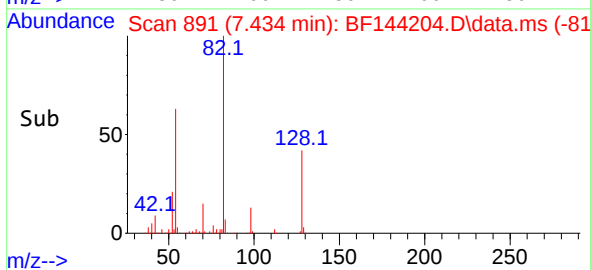
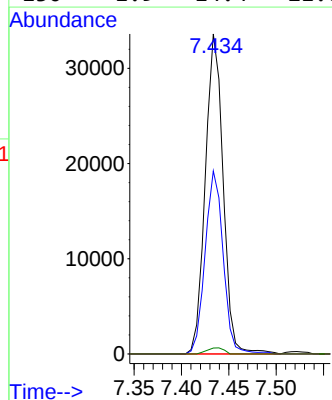
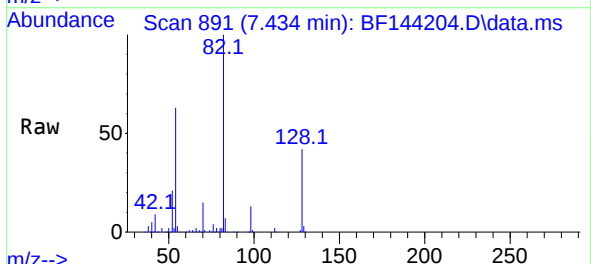
Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion: 99 Resp: 211309
Ion Ratio Lower Upper
99 100
42 24.8 20.9 31.3
71 37.6 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.987 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion: 70 Resp: 43956
Ion Ratio Lower Upper
70 100
42 57.2 58.3 87.5#
101 0.0 7.0 10.6#
130 1.9 14.4 21.6#



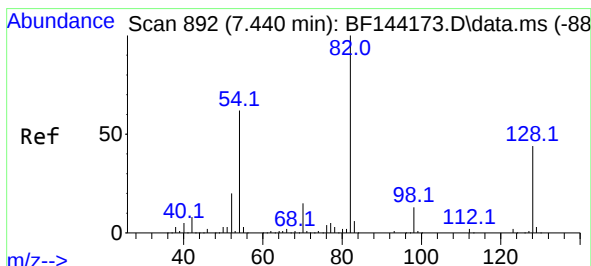
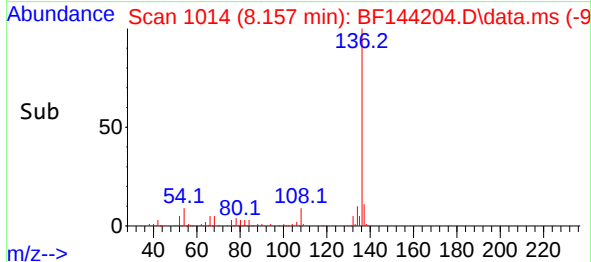
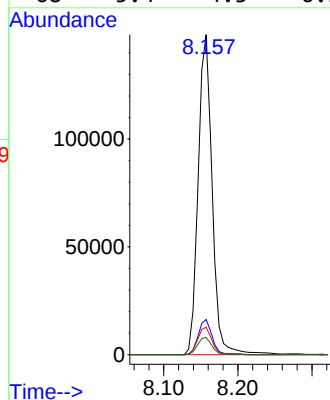
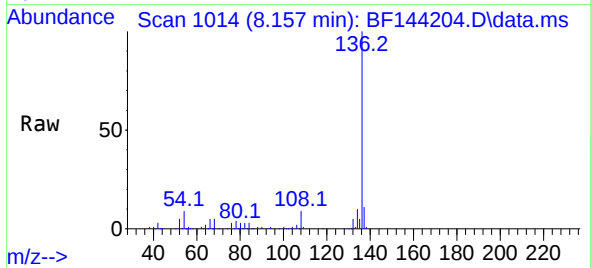


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:136 Resp: 195487

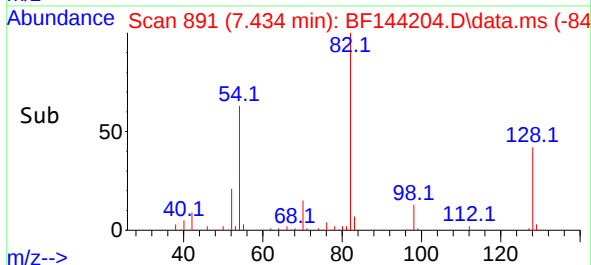
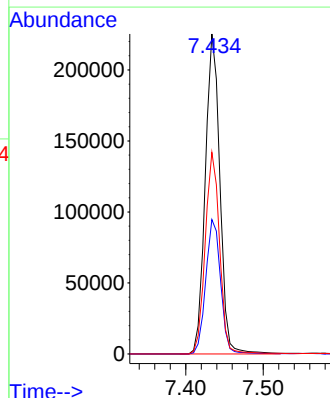
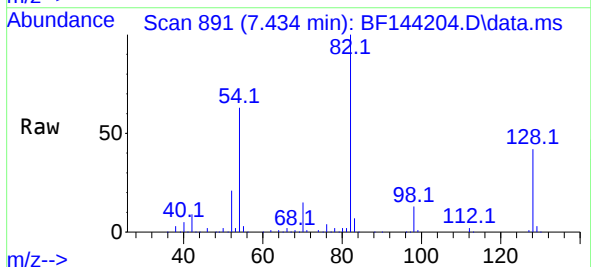
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	7.0	10.6
68	5.4	4.3	6.5

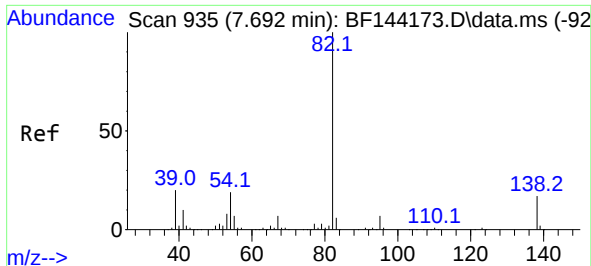


#23
Nitrobenzene-d5
Concen: 87.272 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion: 82 Resp: 295394

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	63.0	49.5	74.3

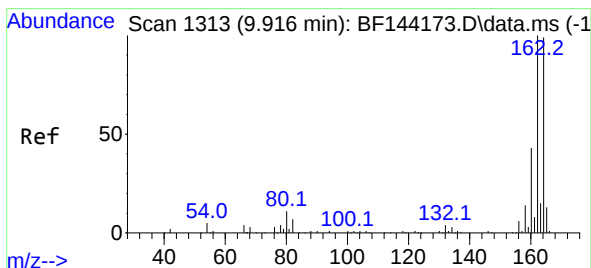
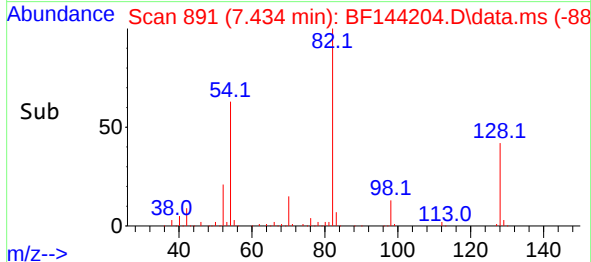
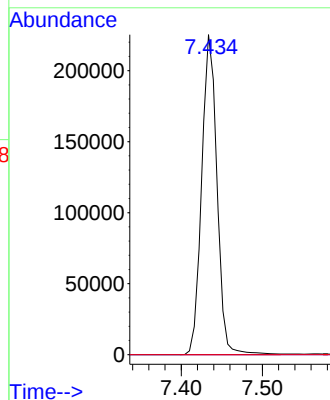
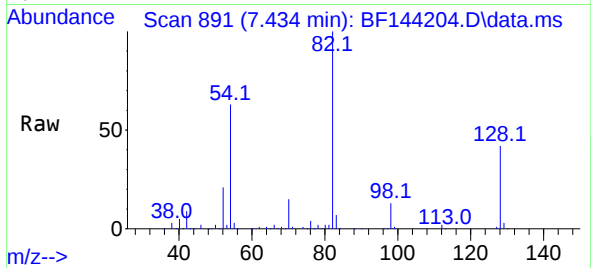




#25
Isophorone
Concen: 46.138 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.253 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

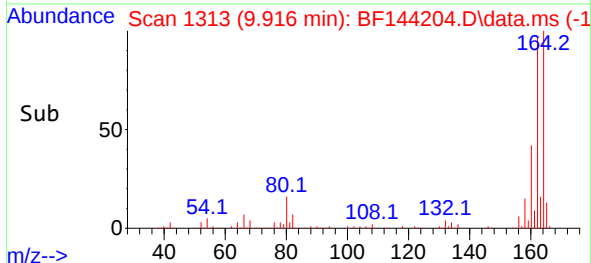
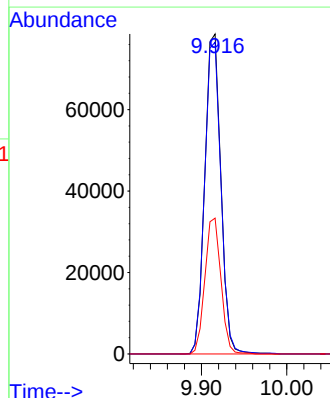
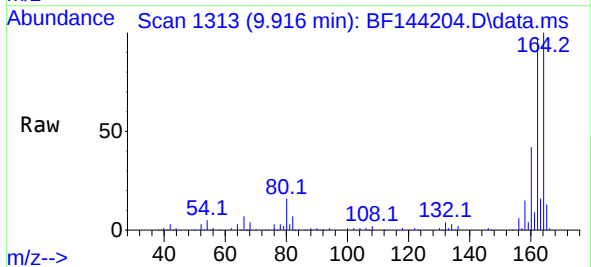
Instrument :
BNA_F
ClientSampleId :
SW-3

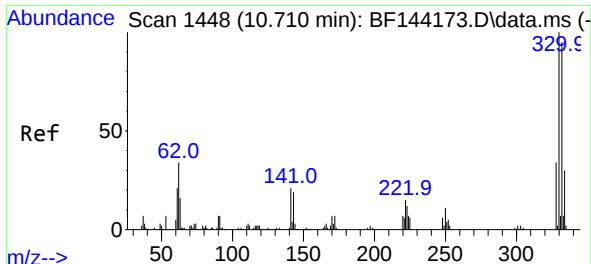
Tgt Ion: 82 Resp: 295392
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:164 Resp: 102900
Ion Ratio Lower Upper
164 100
162 97.4 81.1 121.7
160 42.5 34.5 51.7

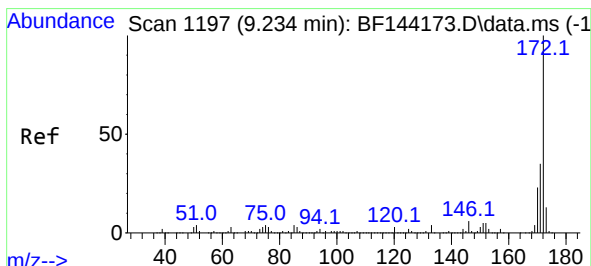
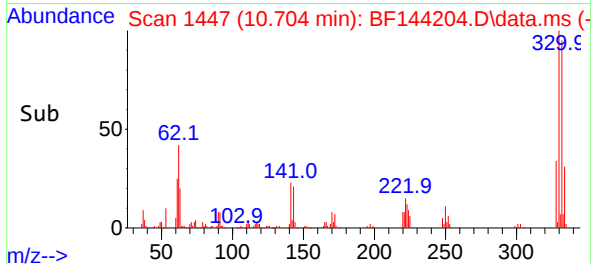
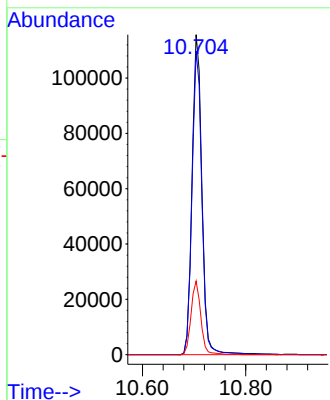
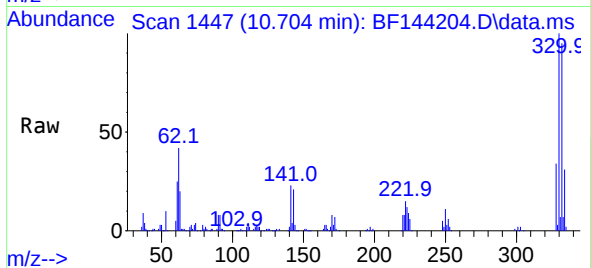




#42
2,4,6-Tribromophenol
Concen: 118.559 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

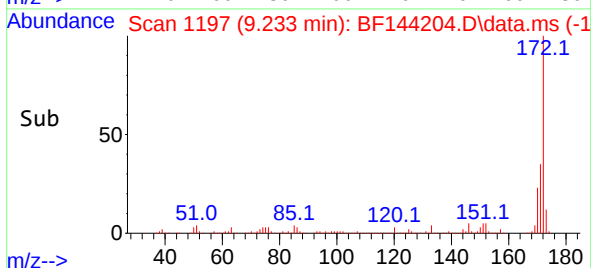
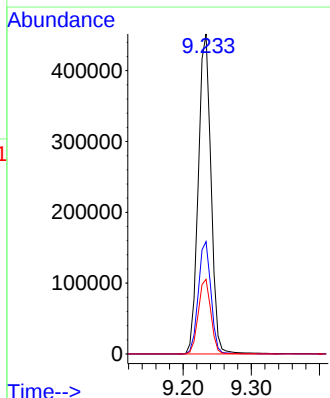
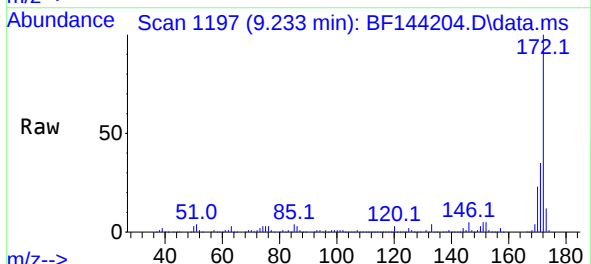
Instrument :
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ClientSampleId :
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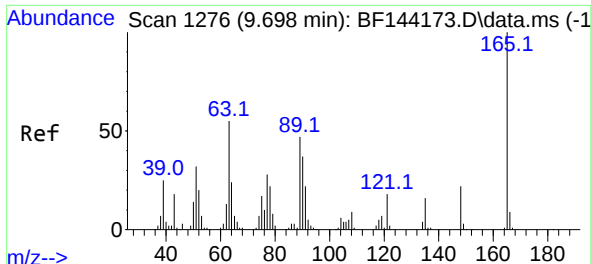
Tgt Ion:330 Resp: 153092
Ion Ratio Lower Upper
330 100
332 94.4 76.7 115.1
141 22.7 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 84.079 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:172 Resp: 585790
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 18.6 28.0

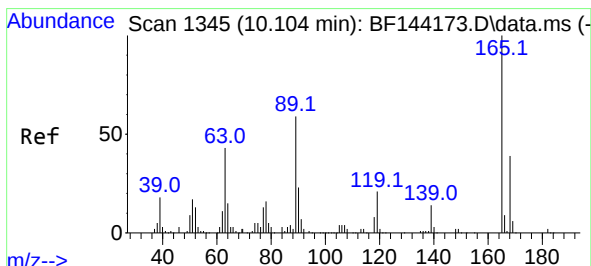
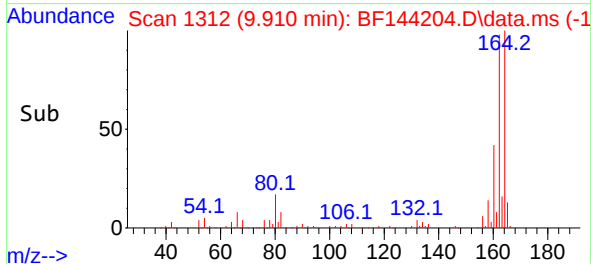
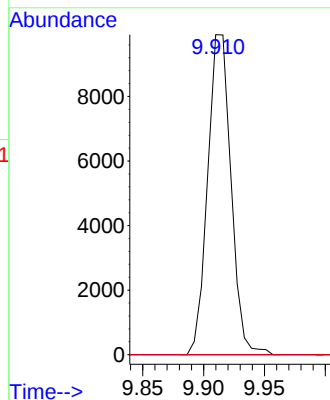
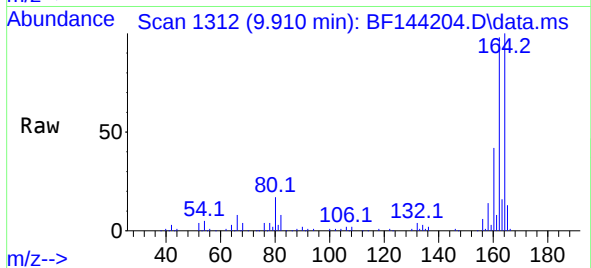




#51
2,6-Dinitrotoluene
Concen: 9.635 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

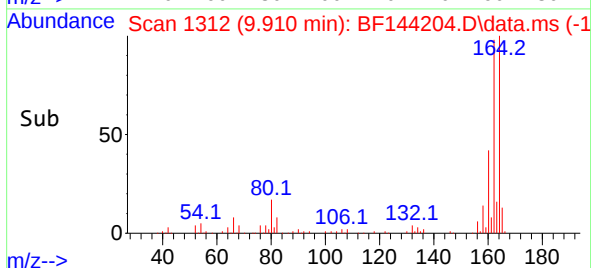
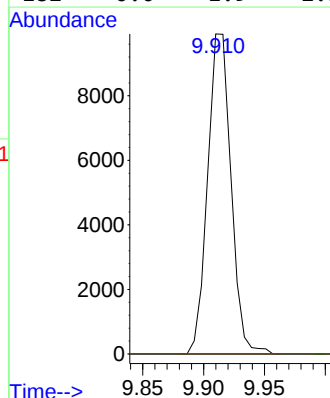
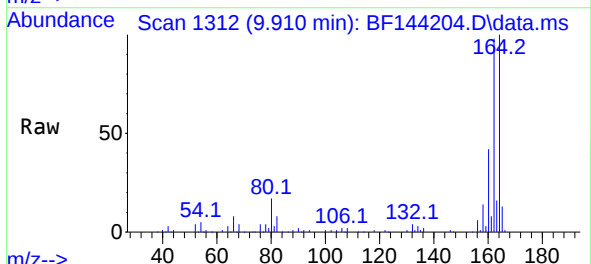
Instrument :
BNA_F
ClientSampleId :
SW-3

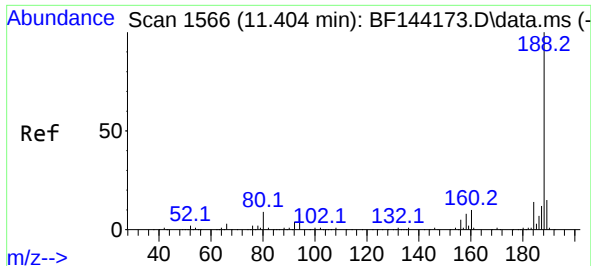
Tgt Ion:165 Resp: 13296
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.197 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.188 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:165 Resp: 13296
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

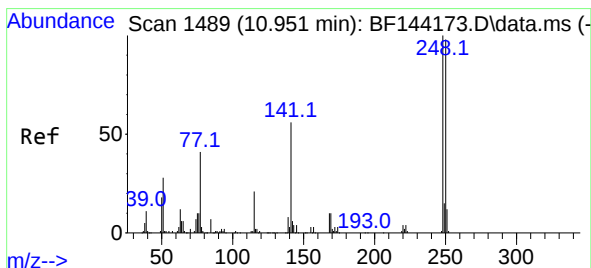
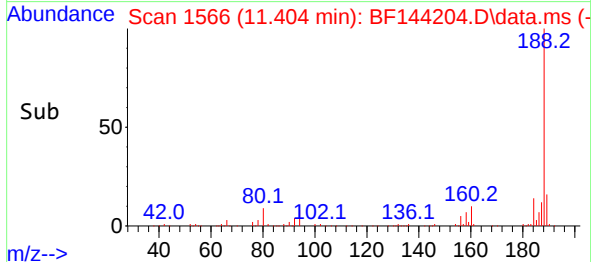
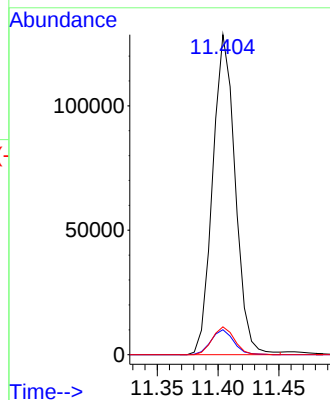
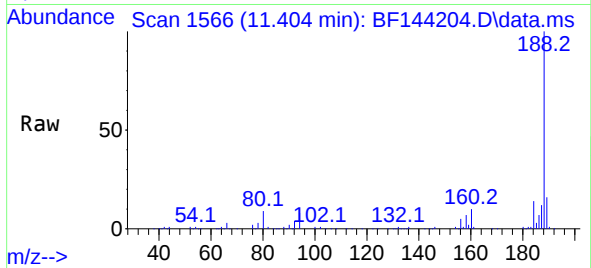




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

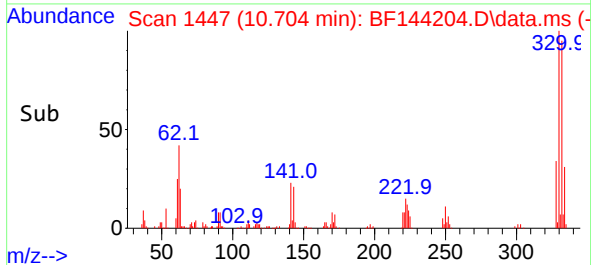
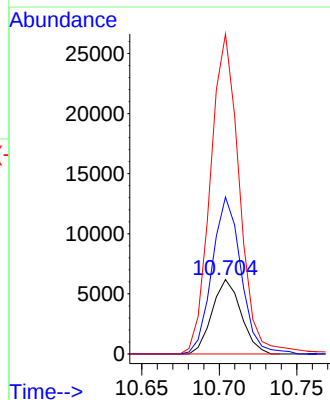
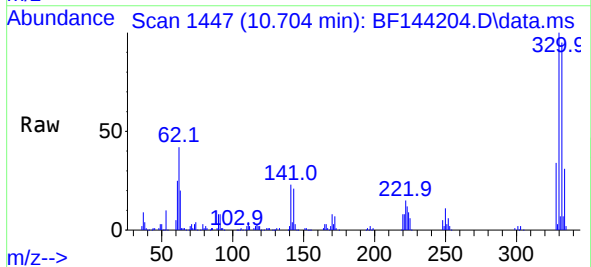
Instrument :
BNA_F
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SW-3

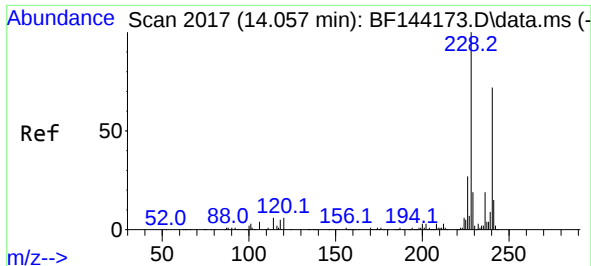
Tgt Ion:188 Resp: 165829
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.7 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.802 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:248 Resp: 8047
Ion Ratio Lower Upper
248 100
250 211.1 78.4 117.6#
141 430.3 45.1 67.7#

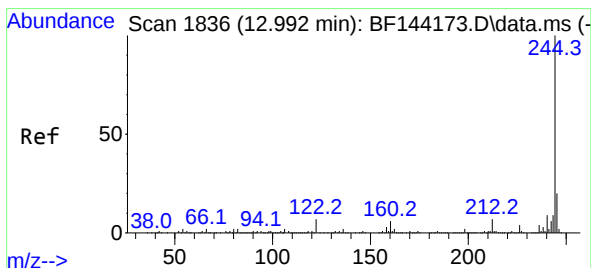
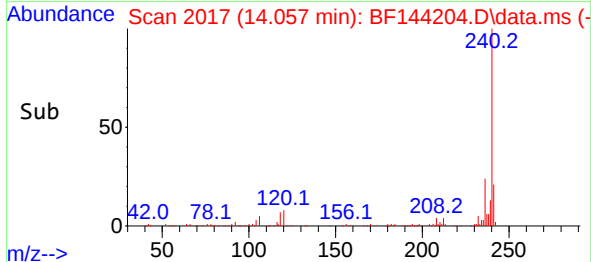
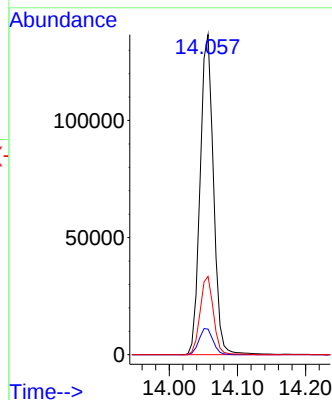
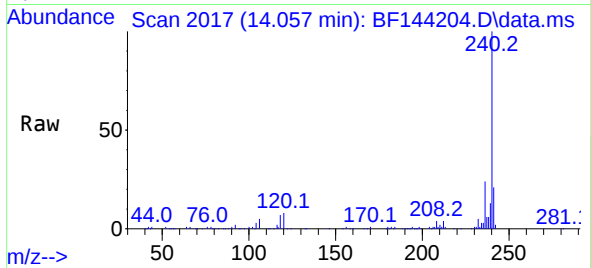




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

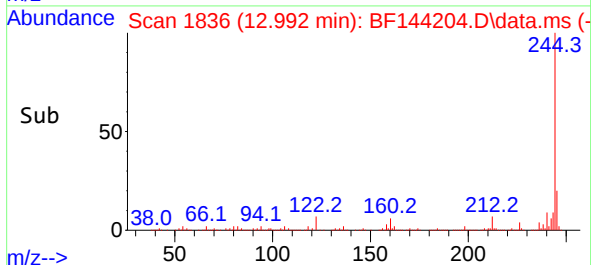
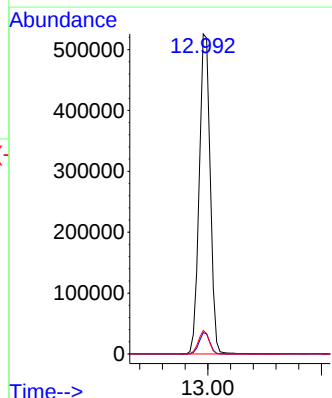
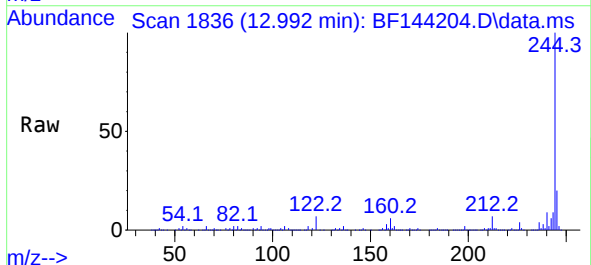
Instrument :
BNA_F
ClientSampleId :
SW-3

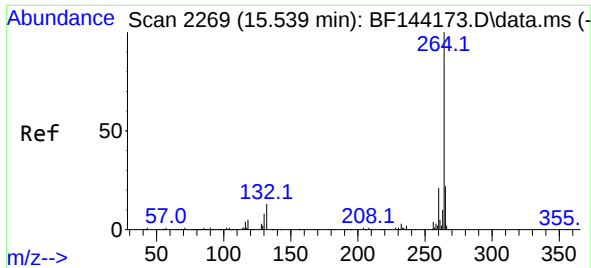
Tgt Ion:240 Resp: 186431
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 24.4 21.4 32.2



#79
Terphenyl-d14
Concen: 60.390 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:244 Resp: 708798
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 7.4 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF144204.D
 Acq: 11 Nov 2025 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Tgt Ion:264 Resp: 227605
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.1 25.7
 265 21.2 17.4 26.0

