

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144015.D  
 Acq On : 21 Oct 2025 16:32  
 Operator : RC/JU  
 Sample : Q3375-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 21 17:00:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

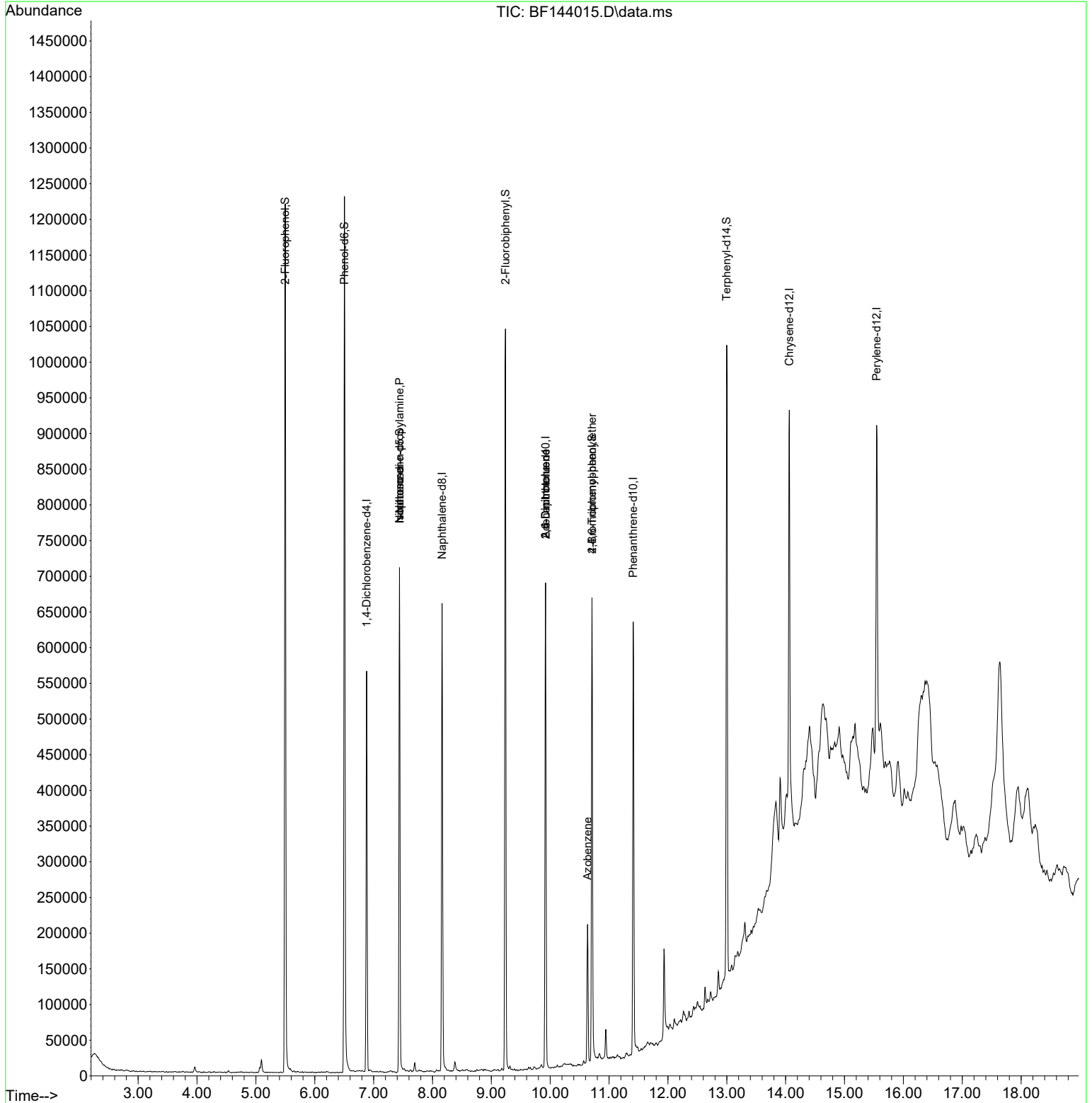
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	109716	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	402386	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	203476	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	318797	20.00	ng	0.00
76) Chrysene-d12	14.063	240	282059	20.00	ng	0.00
86) Perylene-d12	15.545	264	335097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	468743	67.84	ng	0.00
7) Phenol-d6	6.504	99	536234	65.11	ng	-0.01
23) Nitrobenzene-d5	7.439	82	289450	43.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	116811	57.64	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	495479	38.64	ng	-0.01
79) Terphenyl-d14	12.998	244	463565	28.09	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	41150	7.30	ng	# 80
25) Isophorone	7.439	82	245272	17.56	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	25672	10.71	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	25672	7.87	ng	# 27
63) Azobenzene	10.633	77	47188	3.76	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	7878	2.24	ng	# 1

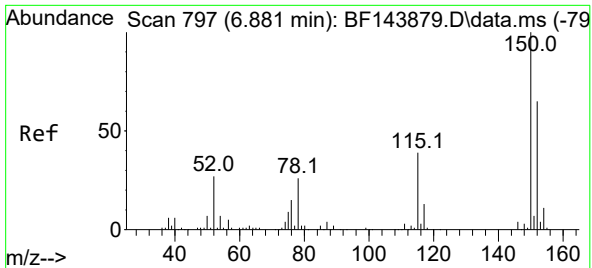
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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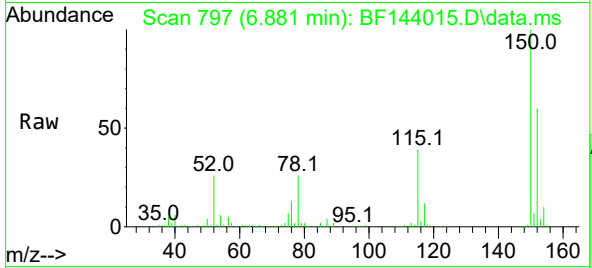
Quant Time: Oct 21 17:00:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
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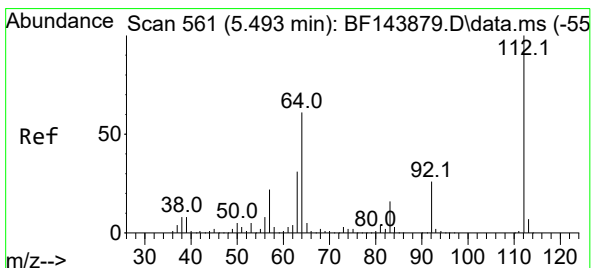
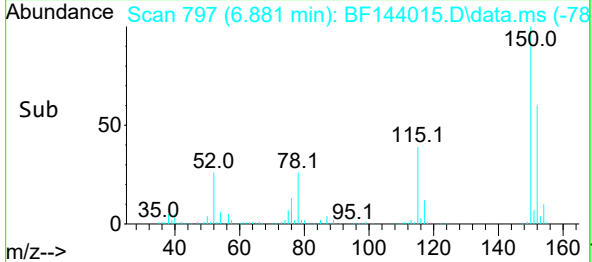
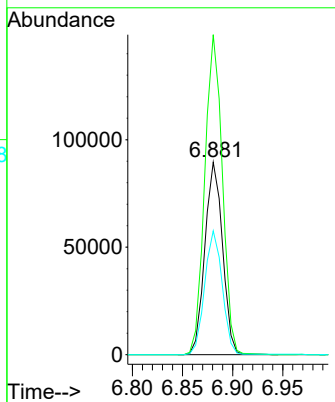


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.881 min Scan# 797  
 Delta R.T. -0.005 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :

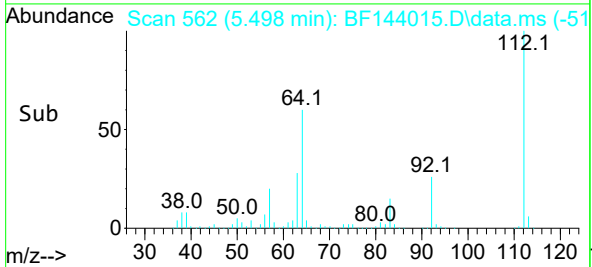
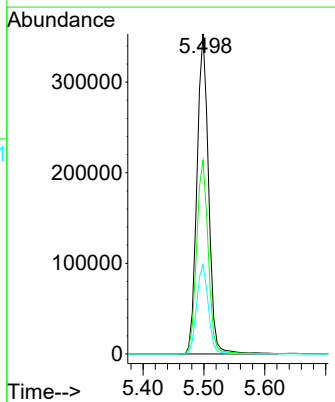
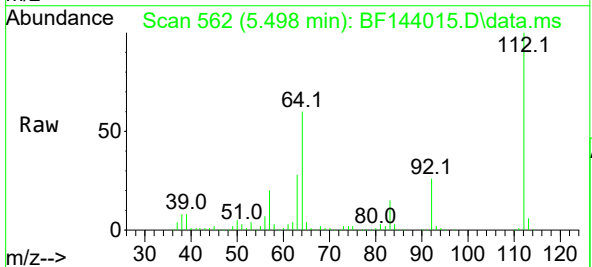


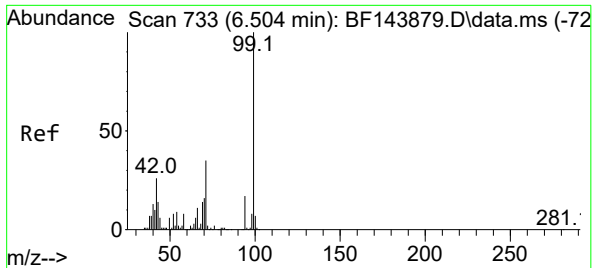
Tgt Ion:152 Resp: 109716  
 Ion Ratio Lower Upper  
 152 100  
 150 166.2 124.4 186.6  
 115 64.3 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 67.84 ng  
 RT: 5.498 min Scan# 562  
 Delta R.T. 0.000 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

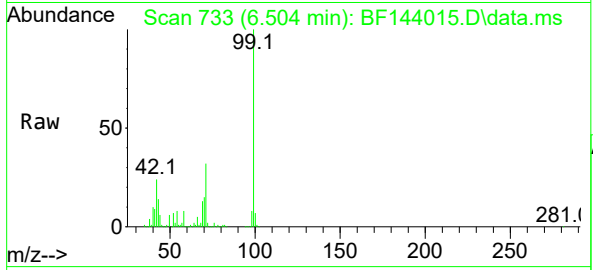
Tgt Ion:112 Resp: 468743  
 Ion Ratio Lower Upper  
 112 100  
 64 60.5 49.1 73.7  
 63 27.9 24.5 36.7





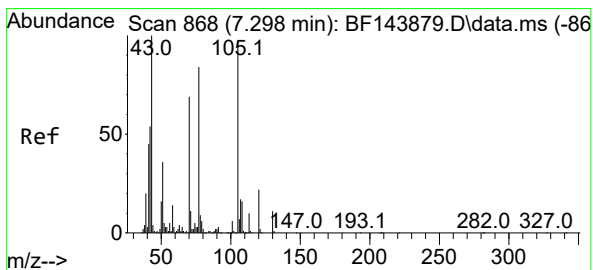
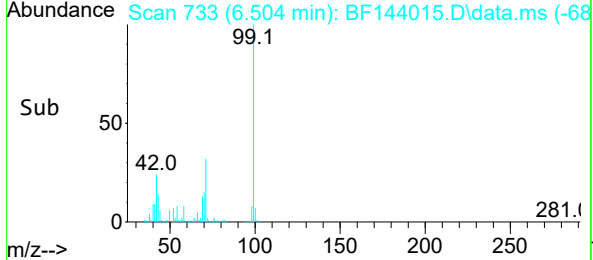
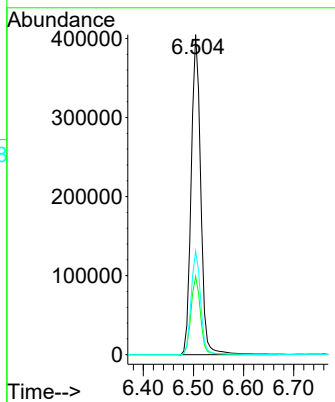
#7  
 Phenol-d6  
 Concen: 65.11 ng  
 RT: 6.504 min Scan# 71  
 Delta R.T. -0.012 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion: 99 Resp: 536234

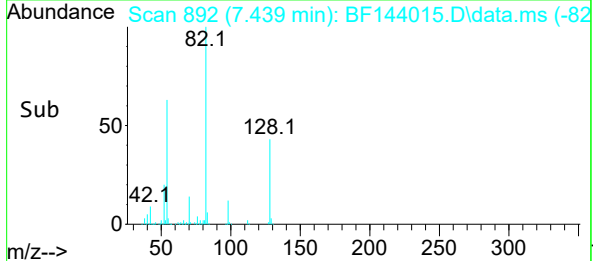
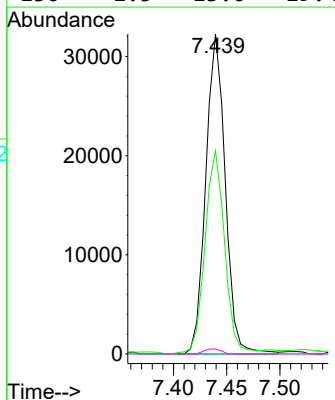
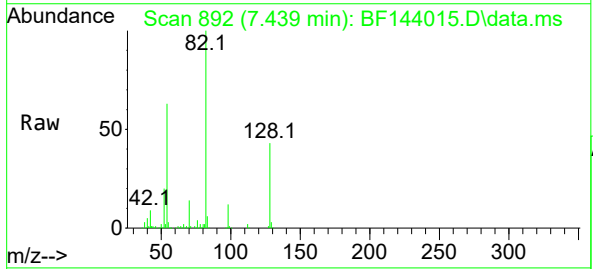
Ion	Ratio	Lower	Upper
99	100		
42	24.4	21.0	31.4
71	32.4	27.8	41.8

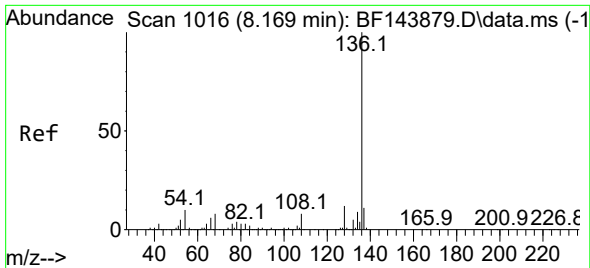


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 7.30 ng  
 RT: 7.439 min Scan# 892  
 Delta R.T. 0.124 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Tgt Ion: 70 Resp: 41150

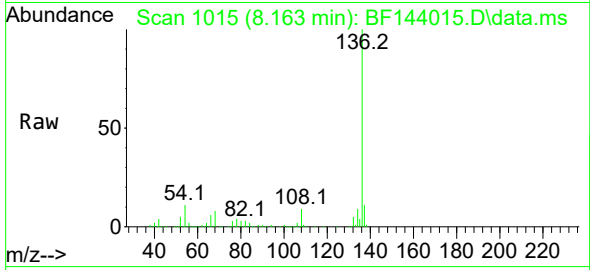
Ion	Ratio	Lower	Upper
70	100		
42	63.5	62.8	94.2
101	0.0	6.7	10.1#
130	1.5	13.0	19.4#





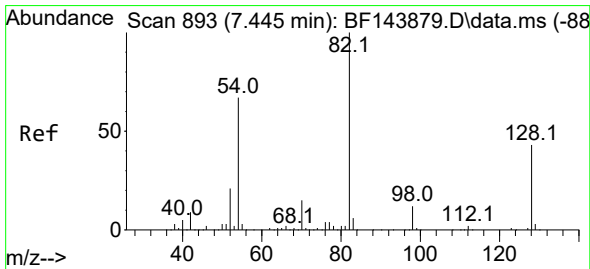
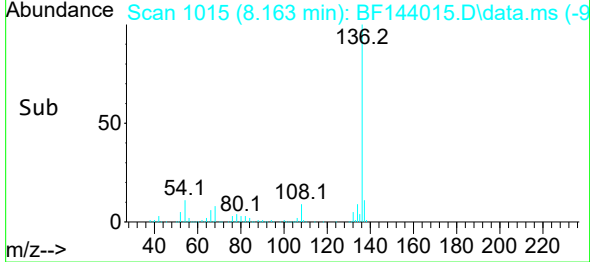
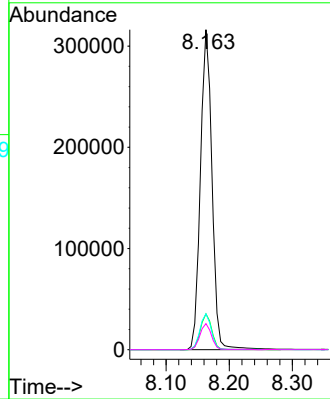
#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.163 min Scan# 10  
 Delta R.T. -0.006 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion: 136 Resp: 402386

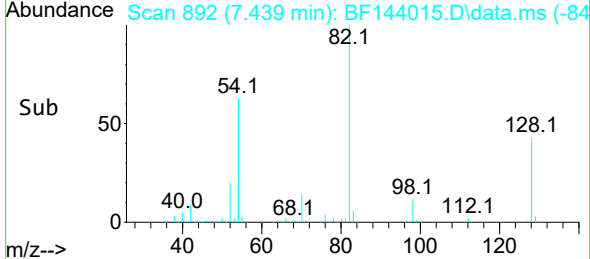
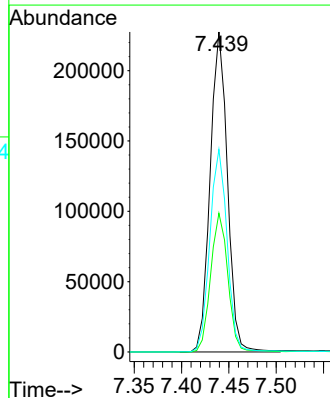
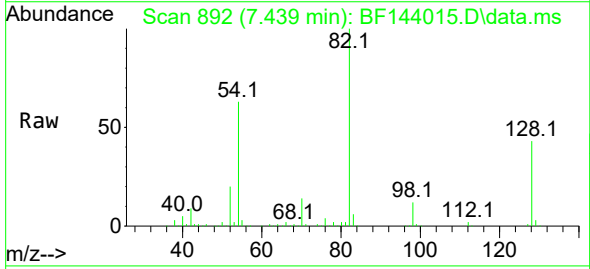
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.2	8.2	12.4
68	8.2	6.2	9.4

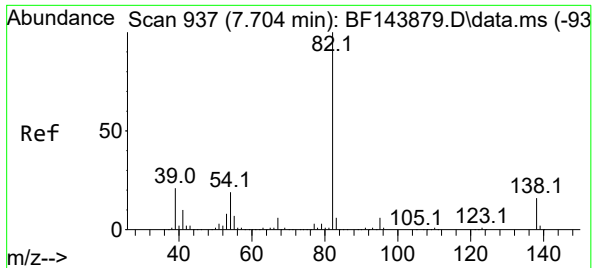


#23  
 Nitrobenzene-d5  
 Concen: 43.70 ng  
 RT: 7.439 min Scan# 892  
 Delta R.T. -0.018 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Tgt Ion: 82 Resp: 289450

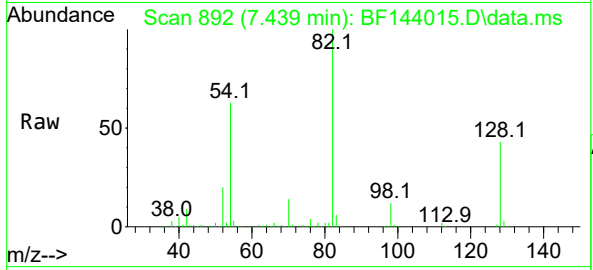
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	63.3	53.2	79.8



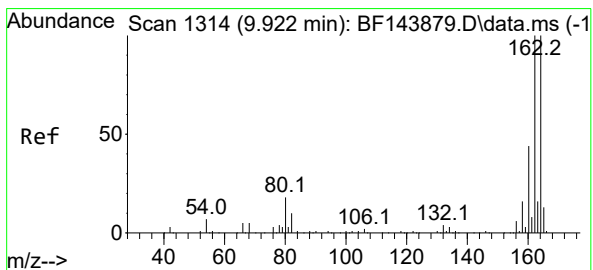
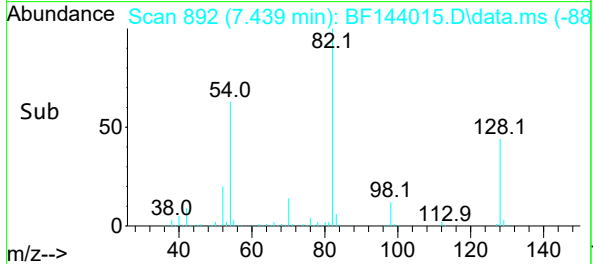
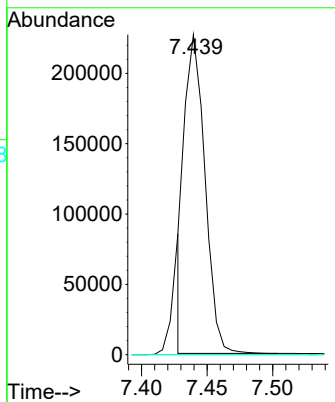


#25  
 Isophorone  
 Concen: 17.56 ng  
 RT: 7.439 min Scan# 892  
 Delta R.T. -0.282 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument : BNA\_F  
 ClientSampleId :

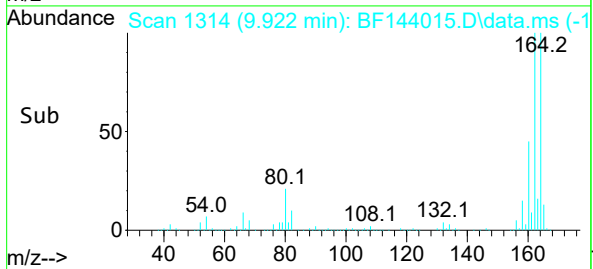
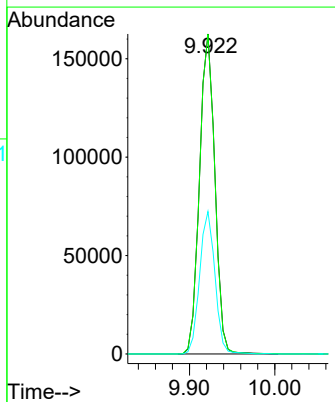
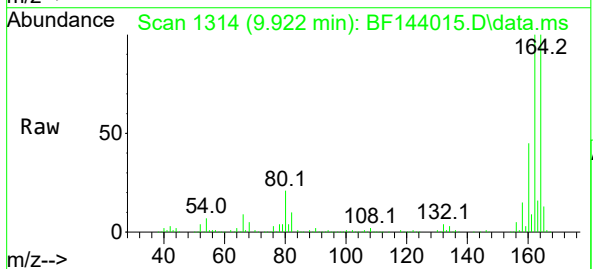


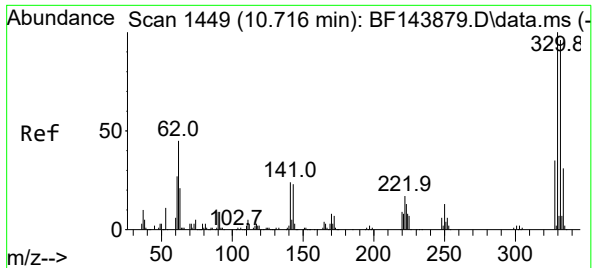
Tgt Ion: 82 Resp: 245272  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.1 7.7#  
 138 0.0 12.9 19.3#



#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.922 min Scan# 1314  
 Delta R.T. -0.005 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

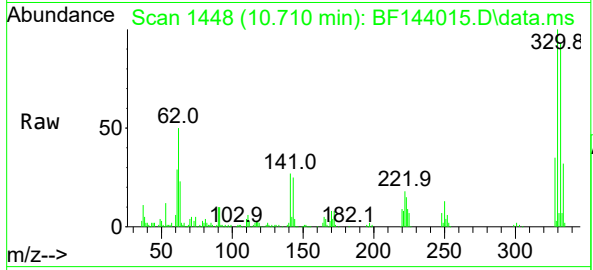
Tgt Ion: 164 Resp: 203476  
 Ion Ratio Lower Upper  
 164 100  
 162 99.9 80.2 120.2  
 160 44.5 35.4 53.0



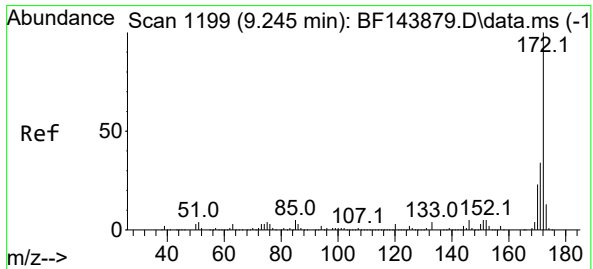
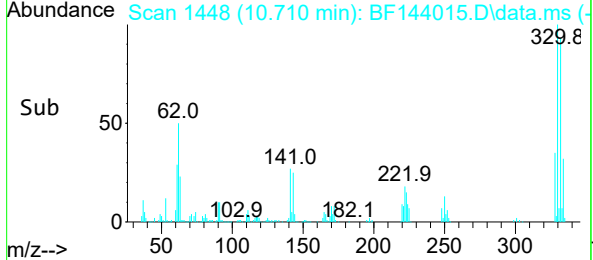
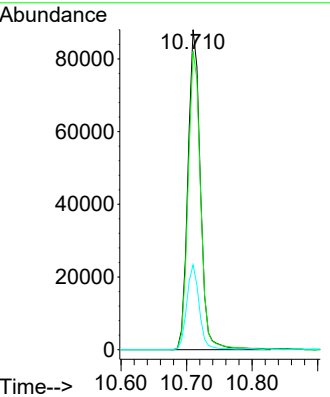


#42  
 2,4,6-Tribromophenol  
 Concen: 57.64 ng  
 RT: 10.710 min Scan# 1448  
 Delta R.T. -0.012 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

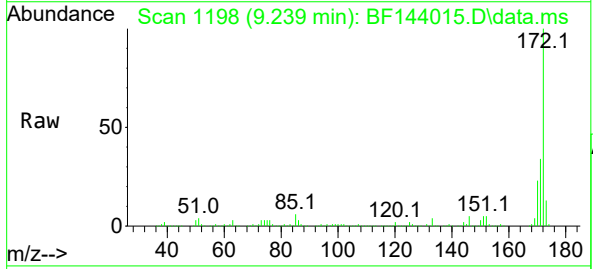
Instrument : BNA\_F  
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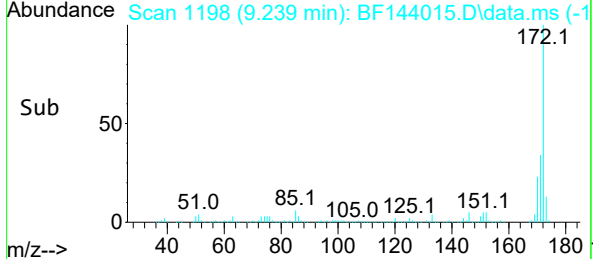
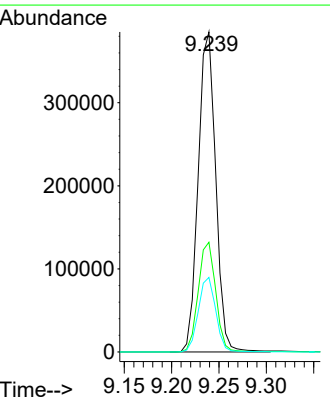
Tgt Ion:330 Resp: 116811  
 Ion Ratio Lower Upper  
 330 100  
 332 93.8 76.9 115.3  
 141 26.6 20.2 30.4

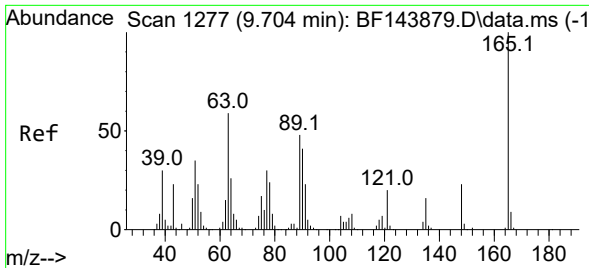


#45  
 2-Fluorobiphenyl  
 Concen: 38.64 ng  
 RT: 9.239 min Scan# 1198  
 Delta R.T. -0.012 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32



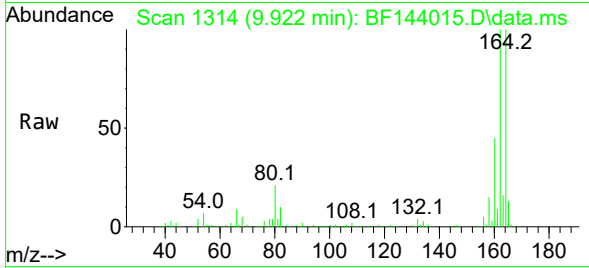
Tgt Ion:172 Resp: 495479  
 Ion Ratio Lower Upper  
 172 100  
 171 34.3 27.4 41.0  
 170 23.3 18.6 28.0



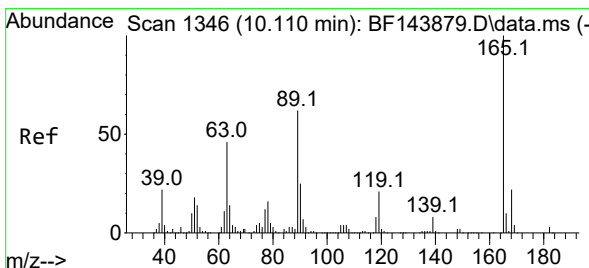
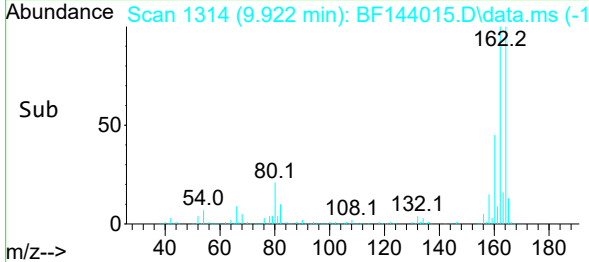
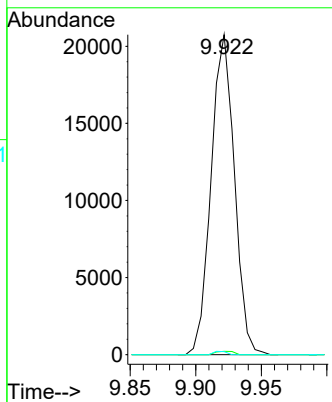


#51  
 2,6-Dinitrotoluene  
 Concen: 10.71 ng  
 RT: 9.922 min Scan# 11  
 Delta R.T. 0.206 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :

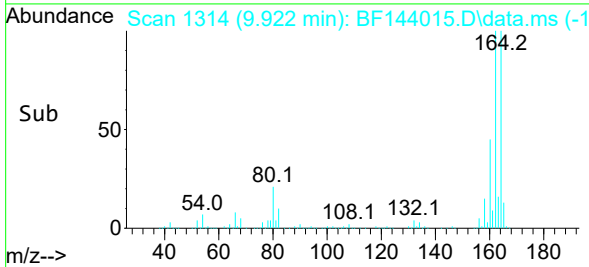
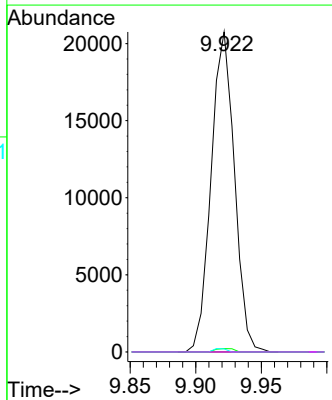
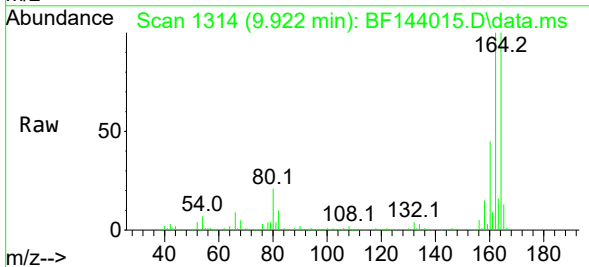


Tgt Ion:165 Resp: 25672  
 Ion Ratio Lower Upper  
 165 100  
 63 1.1 47.3 70.9#  
 89 0.9 38.2 57.4#

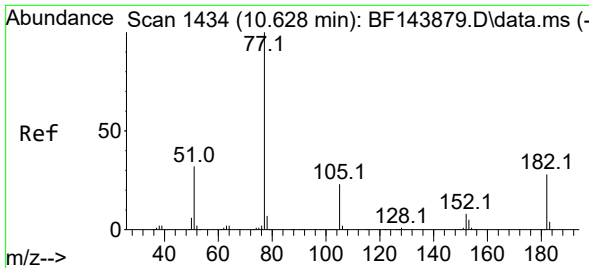


#57  
 2,4-Dinitrotoluene  
 Concen: 7.87 ng  
 RT: 9.922 min Scan# 1314  
 Delta R.T. -0.194 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Tgt Ion:165 Resp: 25672  
 Ion Ratio Lower Upper  
 165 100  
 63 1.1 37.2 55.8#  
 89 0.9 49.4 74.2#  
 182 0.0 2.1 3.1#

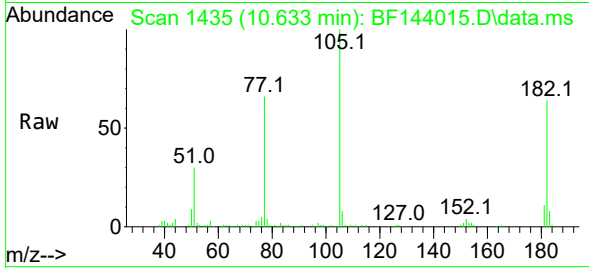




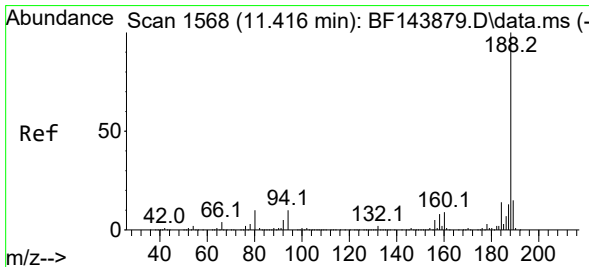
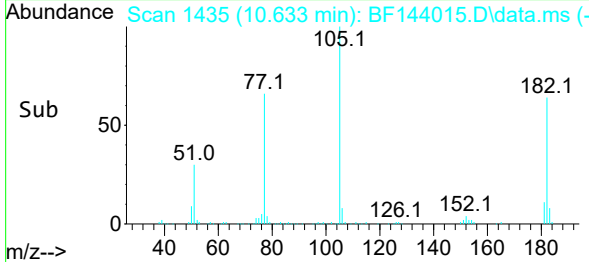
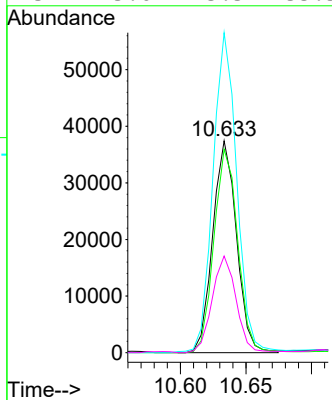


#63  
 Azobenzene  
 Concen: 3.76 ng  
 RT: 10.633 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
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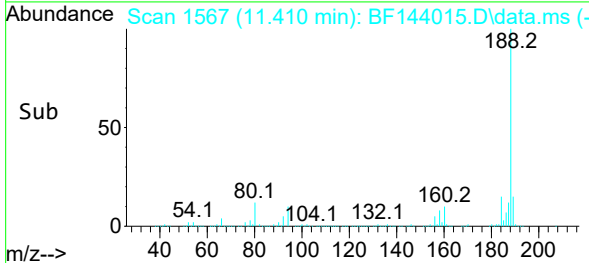
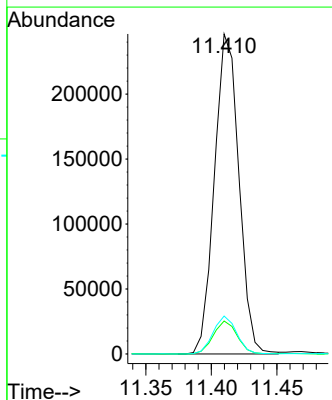
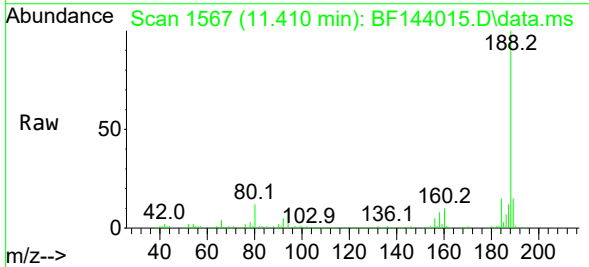


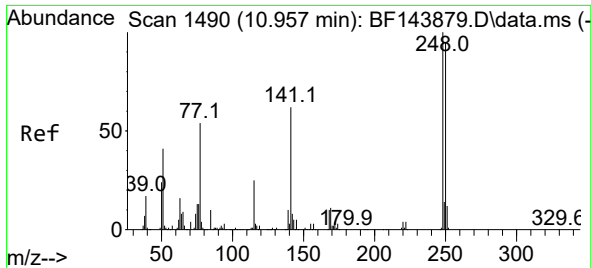
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 Ion Ratio Lower Upper  
 77 100  
 182 96.0 7.3 47.3#  
 105 151.1 3.0 43.0#  
 51 45.6 13.5 53.5



#64  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.410 min Scan# 1567  
 Delta R.T. -0.006 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Tgt Ion: 188 Resp: 318797  
 Ion Ratio Lower Upper  
 188 100  
 94 10.3 7.8 11.6  
 80 11.8 7.9 11.9



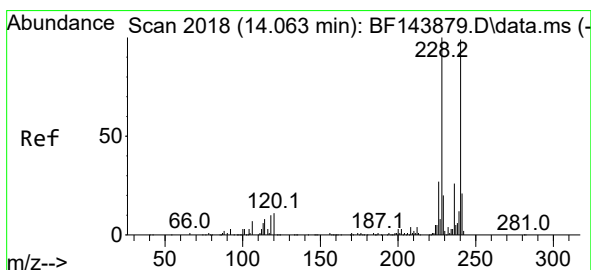
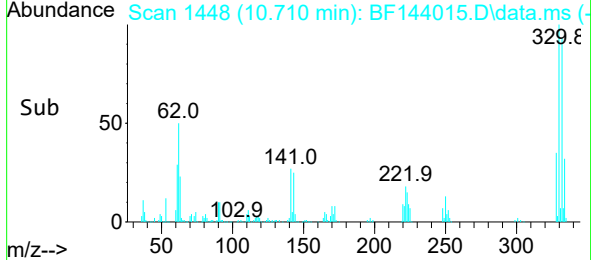
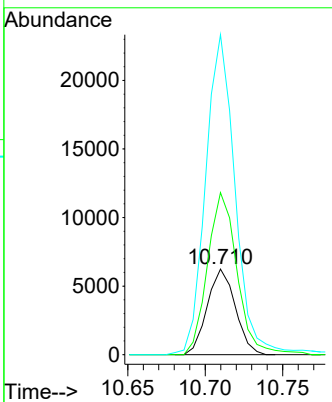
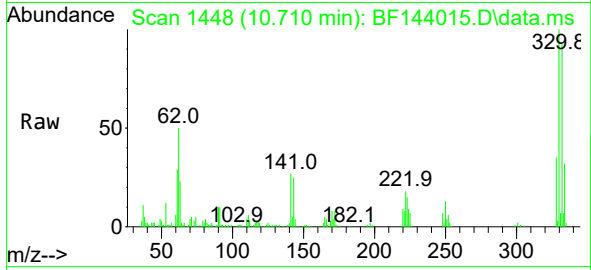


#67  
 4-Bromophenyl-phenylether  
 Concen: 2.24 ng  
 RT: 10.710 min Scan# 14  
 Delta R.T. -0.253 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:248 Resp: 7878

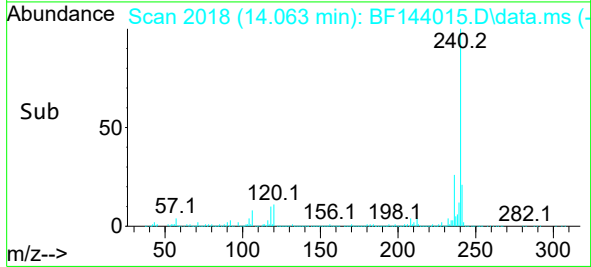
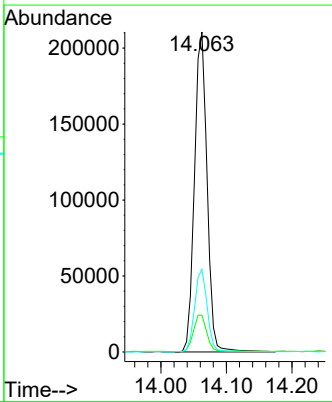
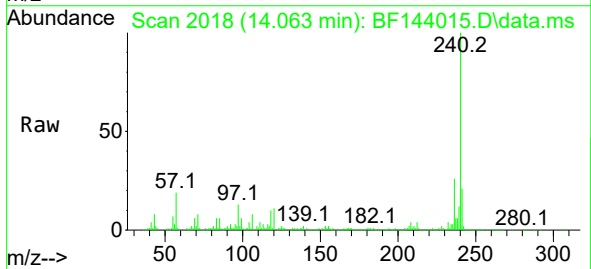
Ion	Ratio	Lower	Upper
248	100		
250	189.2	76.3	114.5#
141	373.5	49.7	74.5#

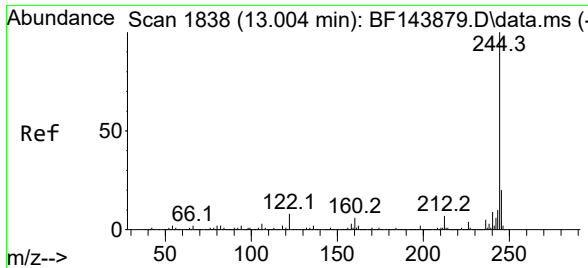


#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.063 min Scan# 2018  
 Delta R.T. -0.005 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Tgt Ion:240 Resp: 282059

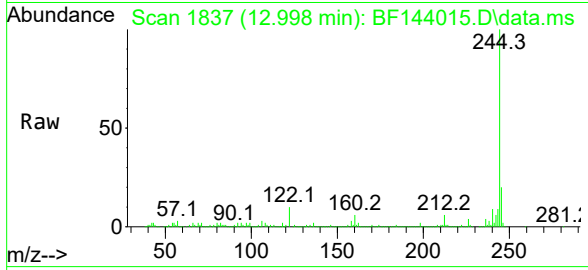
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	13.0
236	25.8	21.1	31.7



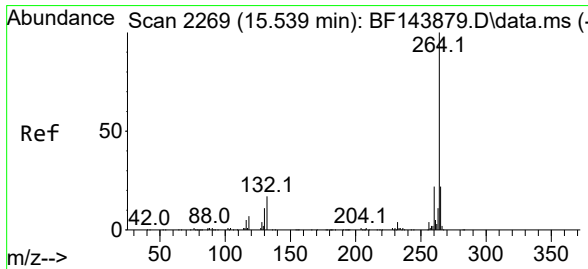
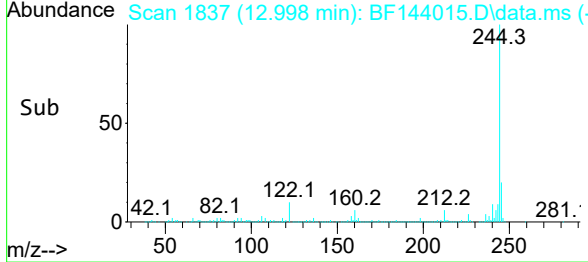
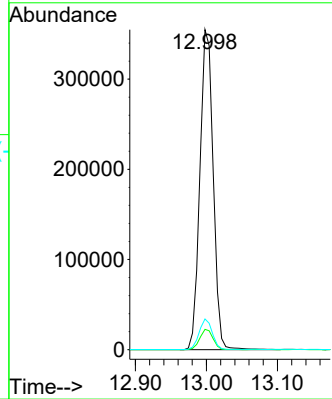


#79  
 Terphenyl-d14  
 Concen: 28.09 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:244 Resp: 463565  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.4 8.0  
 122 9.6 6.4 9.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.545 min Scan# 2270  
 Delta R.T. 0.000 min  
 Lab File: BF144015.D  
 Acq: 21 Oct 2025 16:32

Tgt Ion:264 Resp: 335097  
 Ion Ratio Lower Upper  
 264 100  
 260 21.8 17.8 26.8  
 265 21.9 17.5 26.3

