

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144332.D
 Acq On : 24 Nov 2025 19:16
 Operator : RC/JU
 Sample : Q3710-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Quant Time: Nov 25 00:28:25 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)

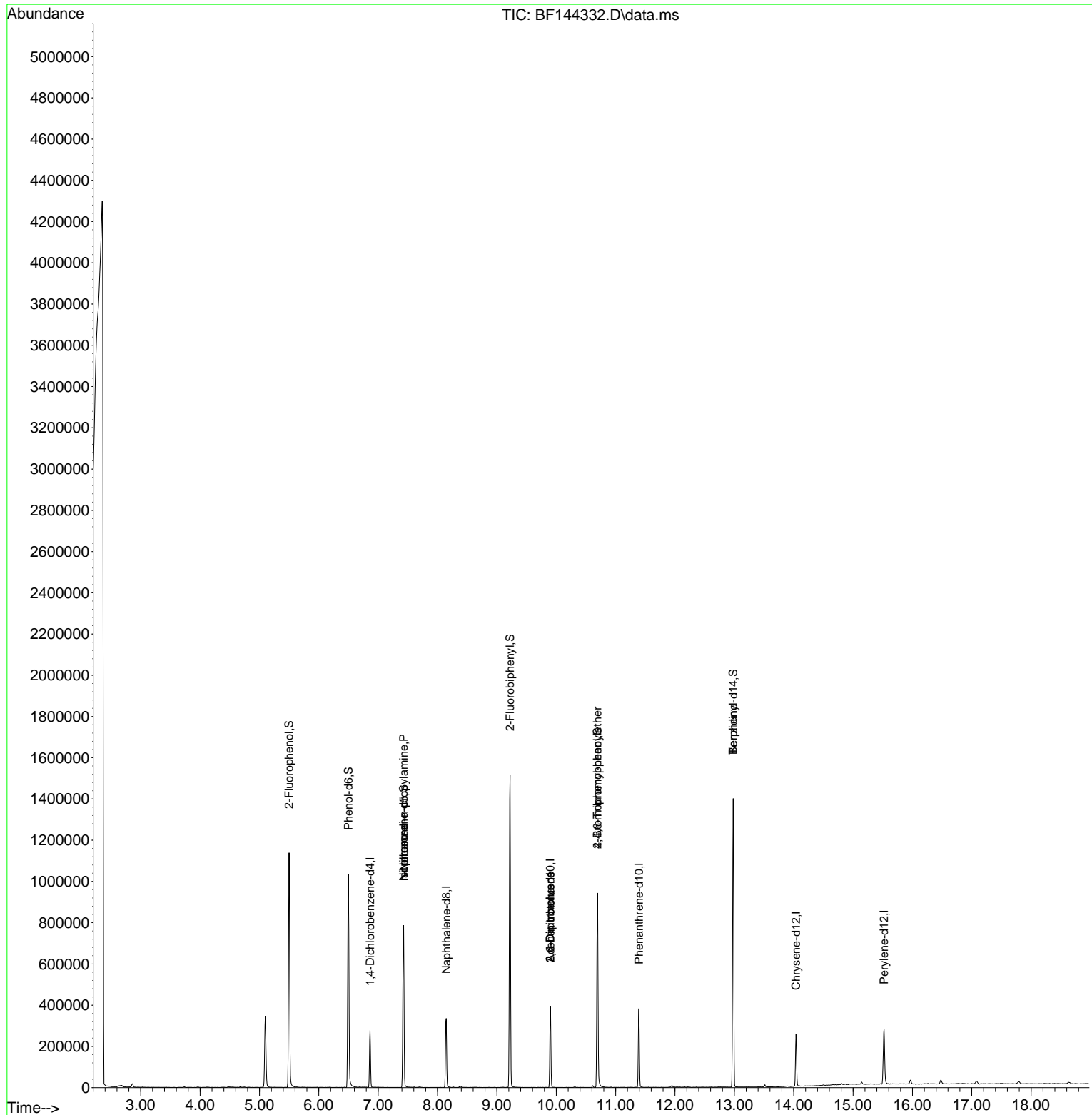
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	60560	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	228456	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	126087	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	214415	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	131742	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	175617	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	455557	117.716	ng	0.00
7) Phenol-d6	6.498	99	479707	109.398	ng	0.00
23) Nitrobenzene-d5	7.428	82	351002	88.735	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	205630	129.961	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	743181	87.053	ng	0.00
79) Terphenyl-d14	12.980	244	754675	90.991	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	51560	17.862	ng	# 78
25) Isophorone	7.428	82	350999	46.912	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	16141	9.546	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	16141	7.131	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	12261	4.480	ng	# 1
77) Benzidine	12.980	184	7926	2.034	ng	# 95

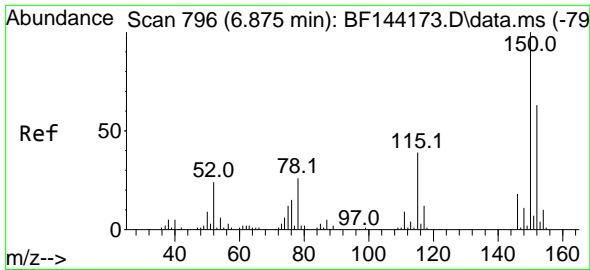
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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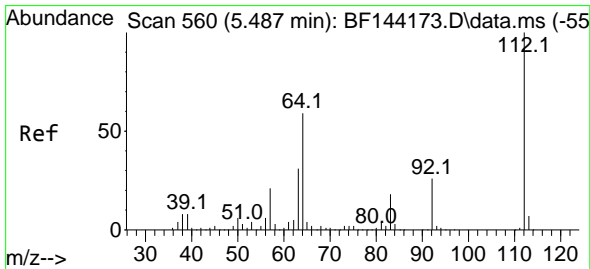
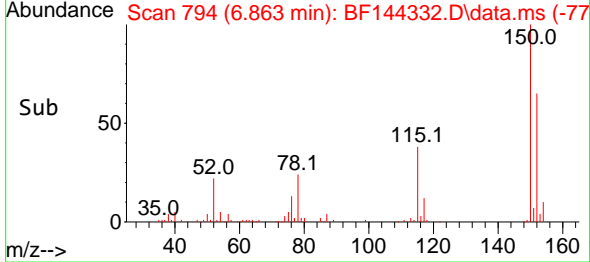
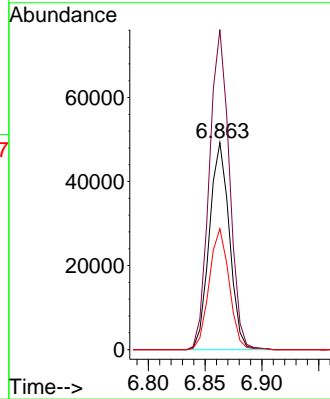
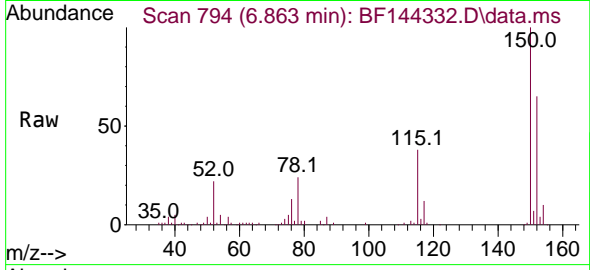




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

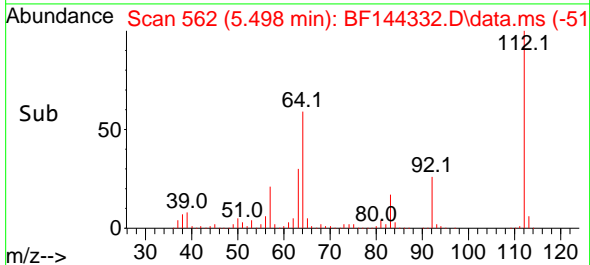
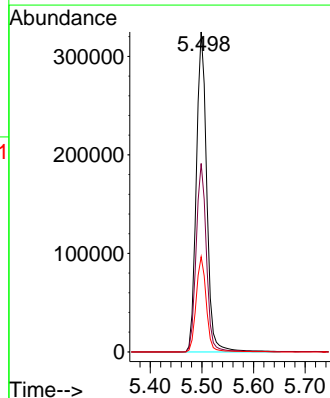
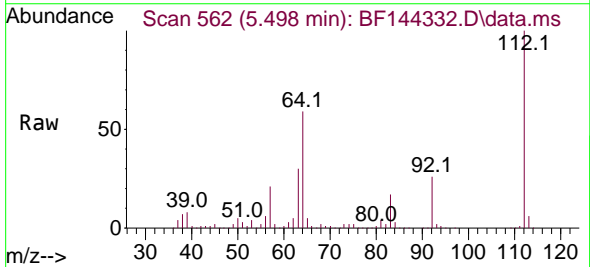
Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

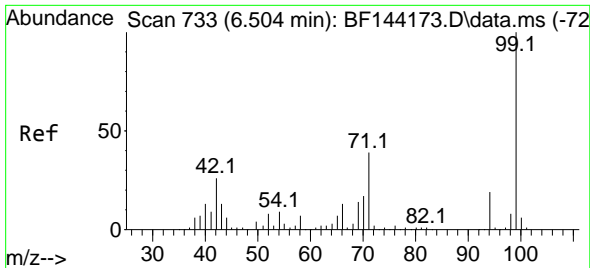
Tgt Ion:152 Resp: 60560
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.4 191.0
 115 58.4 49.5 74.3



#5
 2-Fluorophenol
 Concen: 117.716 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

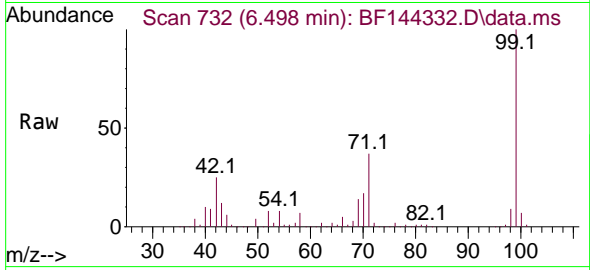
Tgt Ion:112 Resp: 455557
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.2 70.8
 63 29.7 24.4 36.6



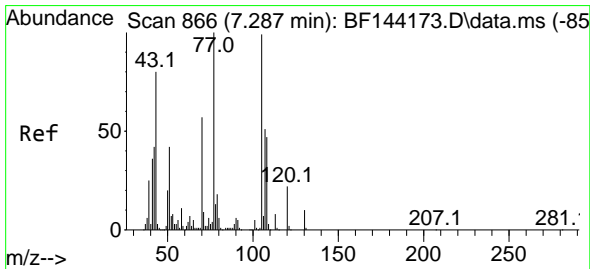
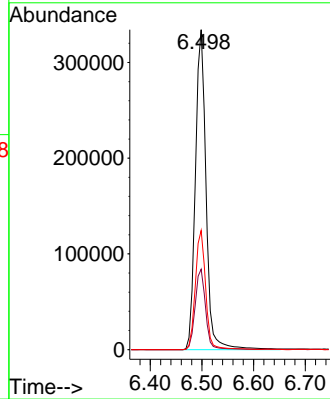
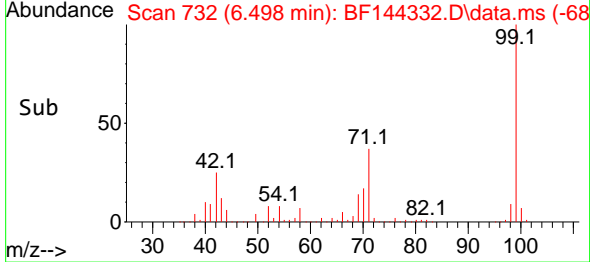


#7
 Phenol-d6
 Concen: 109.398 ng
 RT: 6.498 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

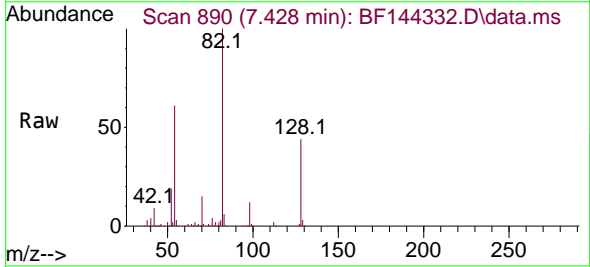
Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION



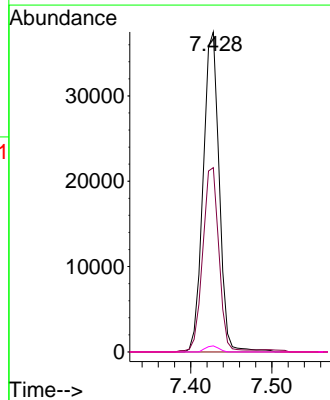
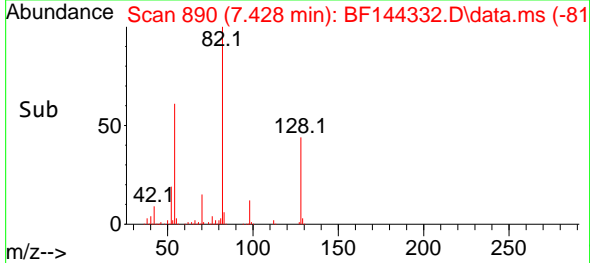
Tgt Ion: 99 Resp: 479707
 Ion Ratio Lower Upper
 99 100
 42 25.1 20.9 31.3
 71 37.2 31.4 47.2

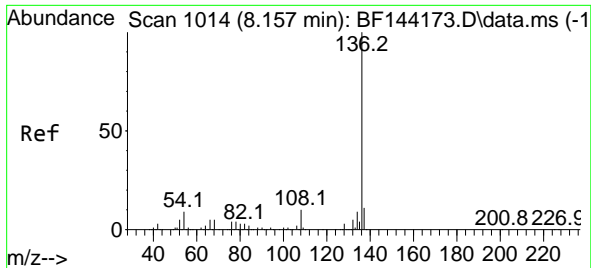


#19
 n-Nitroso-di-n-propylamine
 Concen: 17.862 ng
 RT: 7.428 min Scan# 890
 Delta R.T. 0.153 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16



Tgt Ion: 70 Resp: 51560
 Ion Ratio Lower Upper
 70 100
 42 57.6 58.3 87.5#
 101 0.0 7.0 10.6#
 130 1.9 14.4 21.6#



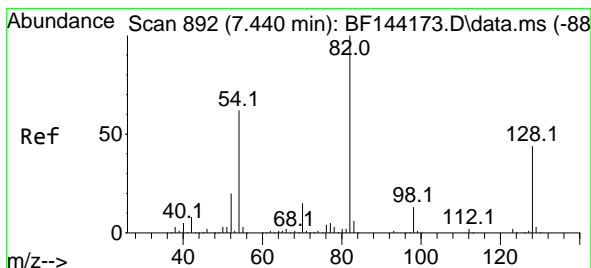
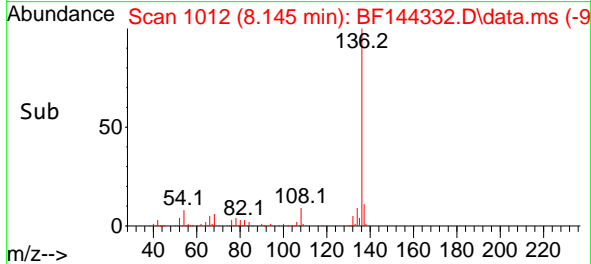
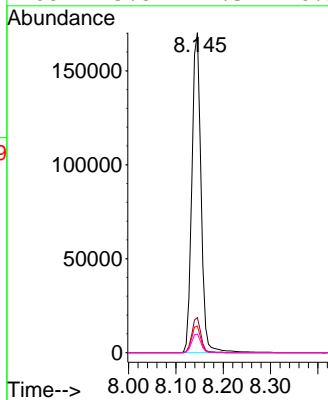
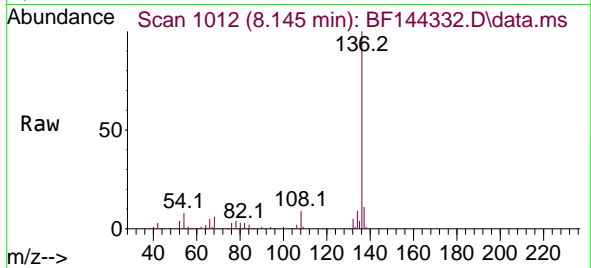


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.145 min Scan# 10
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Tgt Ion:136 Resp: 228456

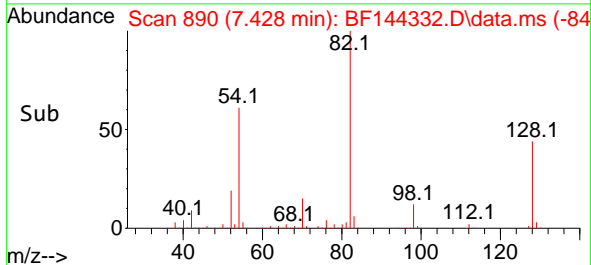
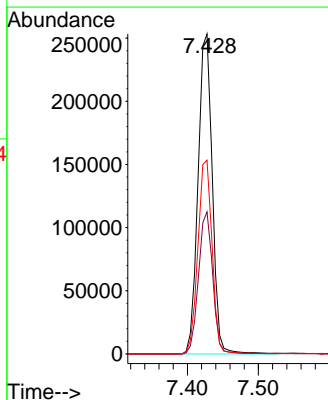
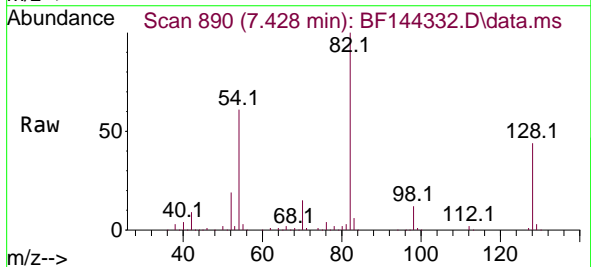
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.3	7.0	10.6
68	5.8	4.3	6.5

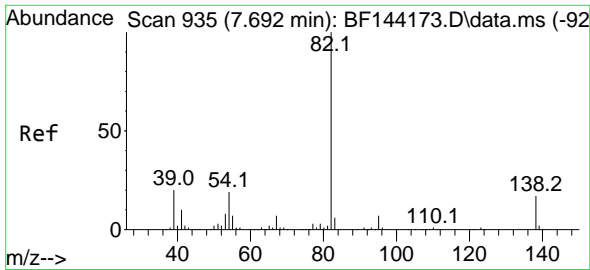


#23
 Nitrobenzene-d5
 Concen: 88.735 ng
 RT: 7.428 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion: 82 Resp: 351002

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.7	52.1
54	60.5	49.5	74.3

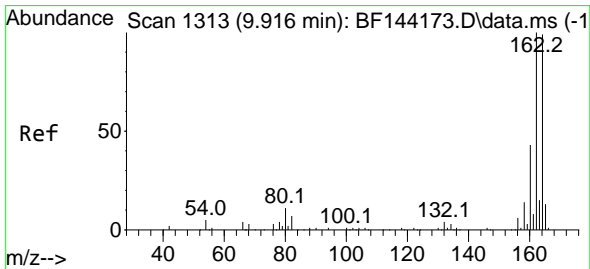
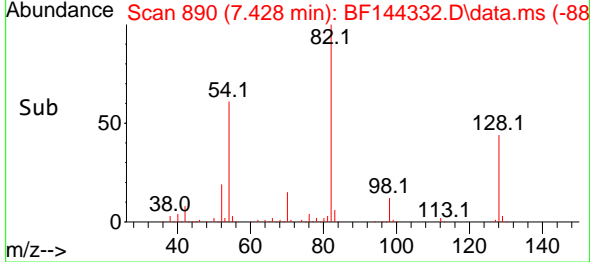
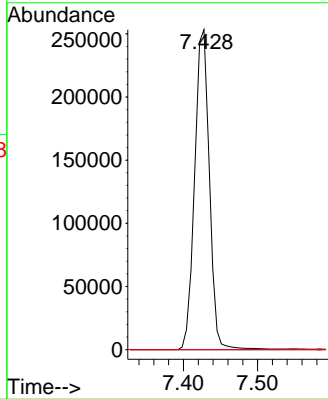
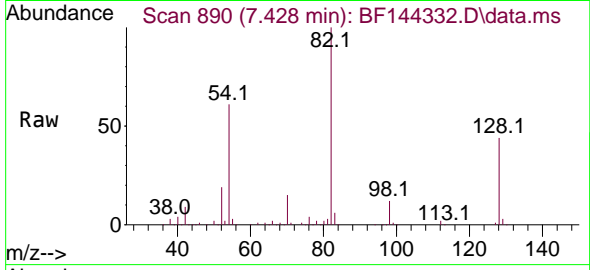




#25
 Isophorone
 Concen: 46.912 ng
 RT: 7.428 min Scan# 89
 Delta R.T. -0.259 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

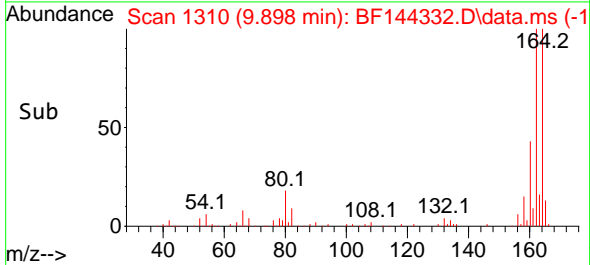
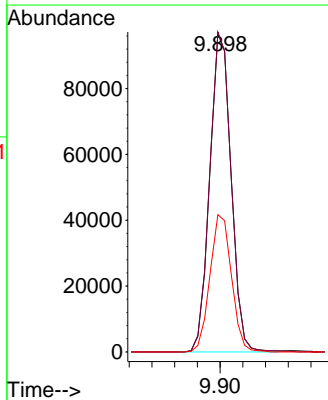
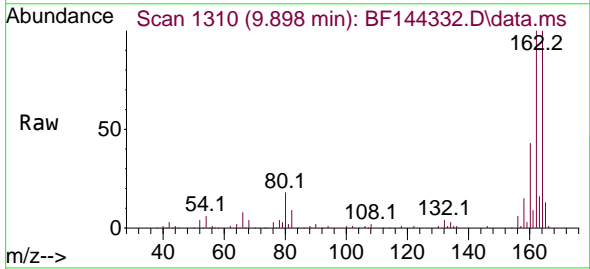
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

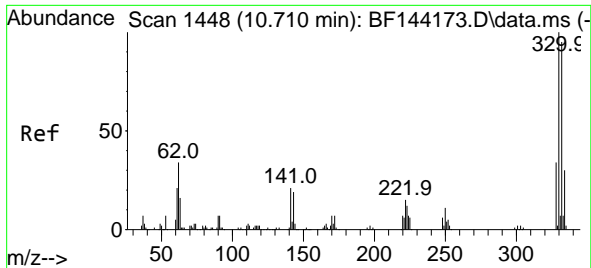
Tgt Ion: 82 Resp: 350999
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.7 20.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. -0.018 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion:164 Resp: 126087
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.1 121.7
 160 43.0 34.5 51.7

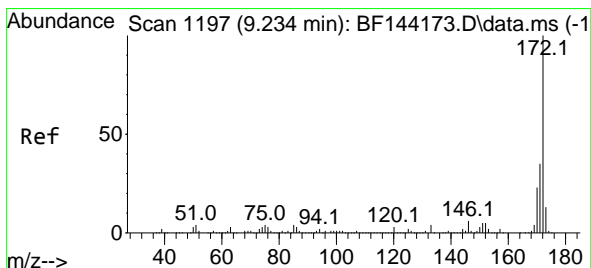
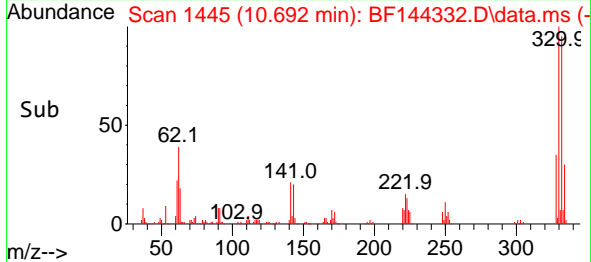
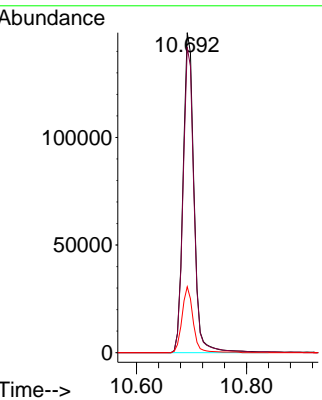
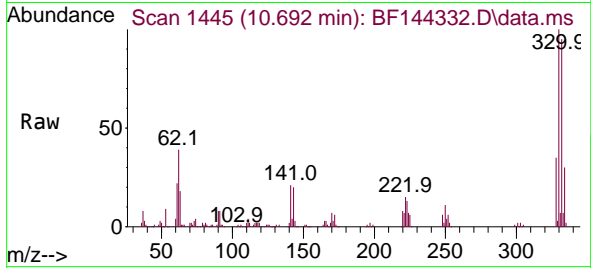




#42
 2,4,6-Tribromophenol
 Concen: 129.961 ng
 RT: 10.692 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

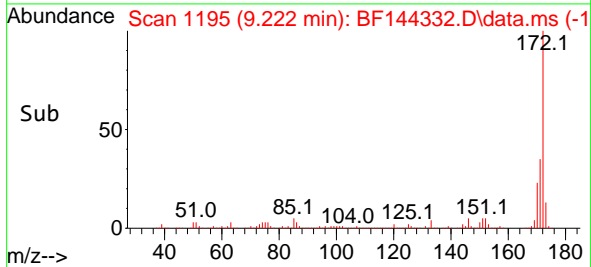
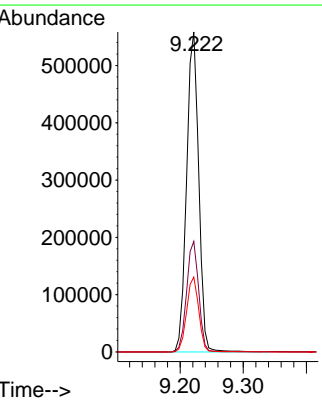
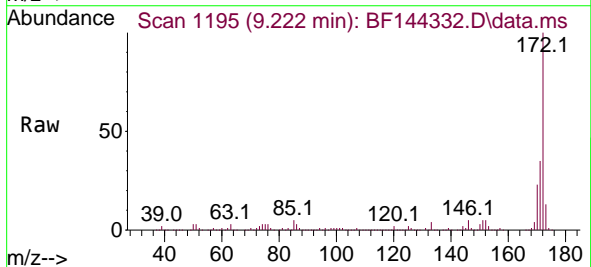
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

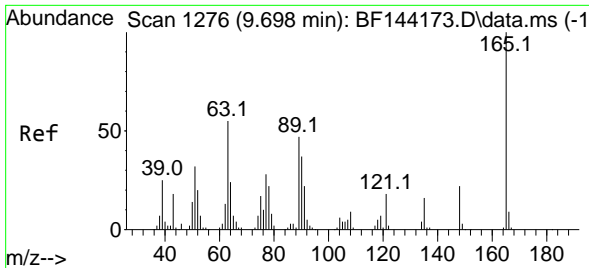
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.6	76.7	115.1
141	20.8	17.8	26.8



#45
 2-Fluorobiphenyl
 Concen: 87.053 ng
 RT: 9.222 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion	Resp	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.4	18.6	28.0

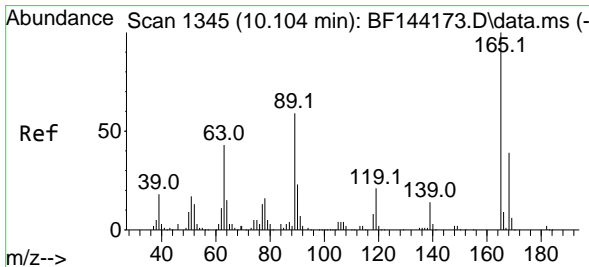
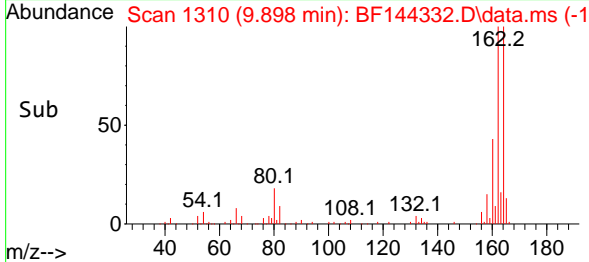
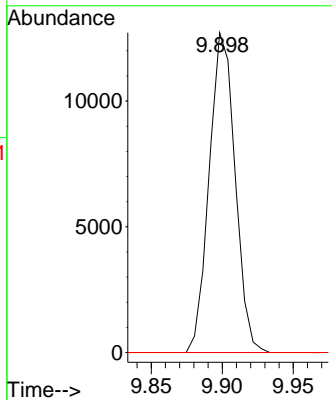
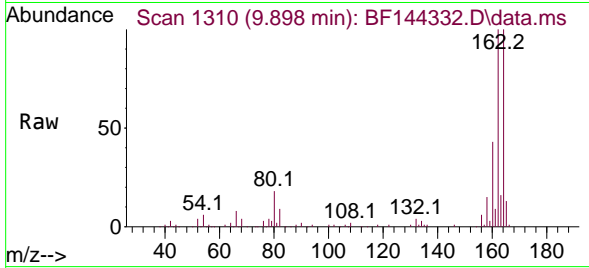




#51
 2,6-Dinitrotoluene
 Concen: 9.546 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. 0.206 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

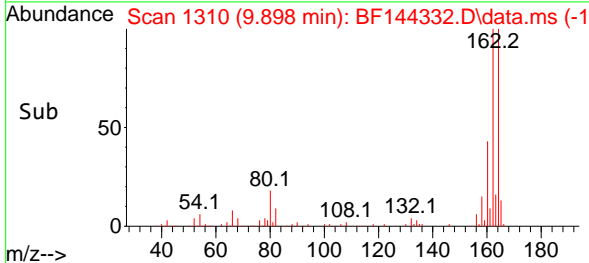
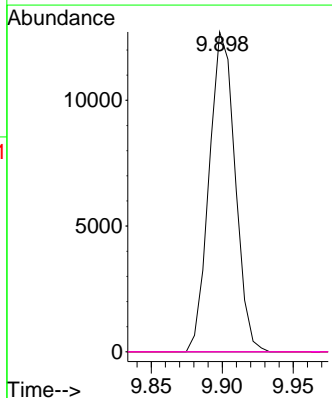
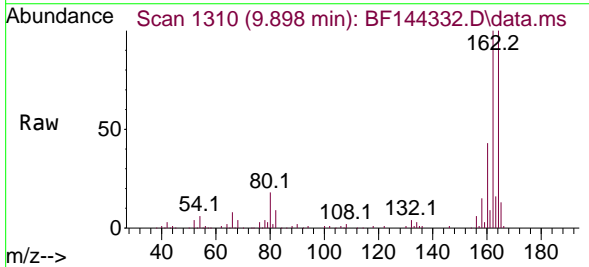
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

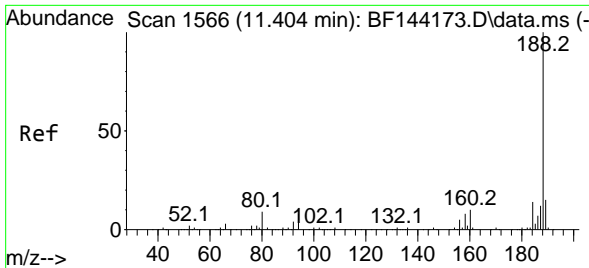
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	37.5	56.3#



#57
 2,4-Dinitrotoluene
 Concen: 7.131 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. -0.200 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion	Resp	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#

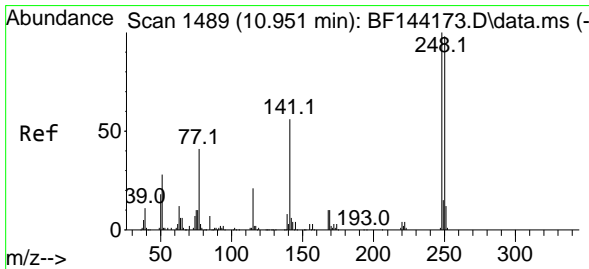
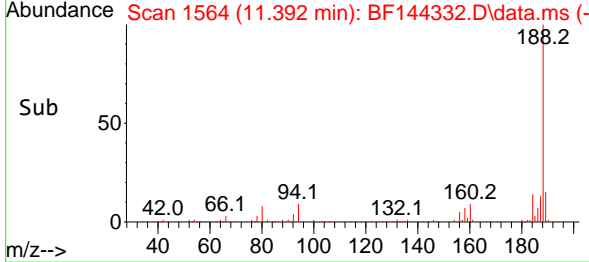
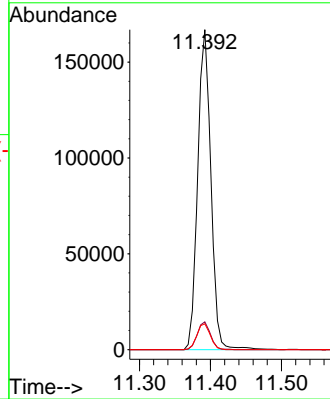
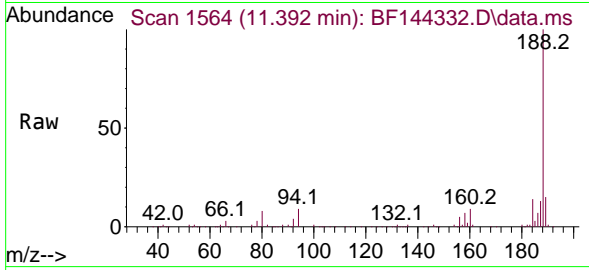




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

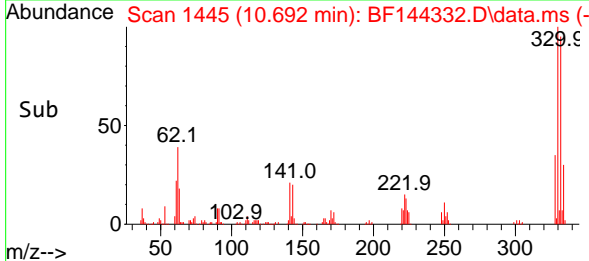
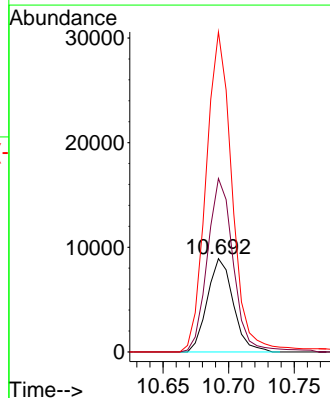
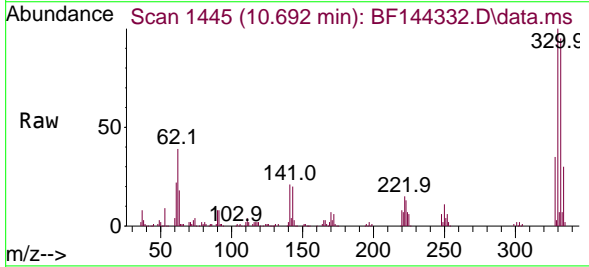
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

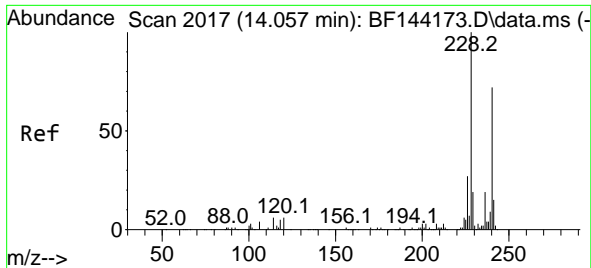
Tgt Ion:188 Resp: 214415
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.2 9.2
 80 8.1 6.9 10.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.480 ng
 RT: 10.692 min Scan# 1445
 Delta R.T. -0.253 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion:248 Resp: 12261
 Ion Ratio Lower Upper
 248 100
 250 186.0 78.4 117.6#
 141 343.4 45.1 67.7#

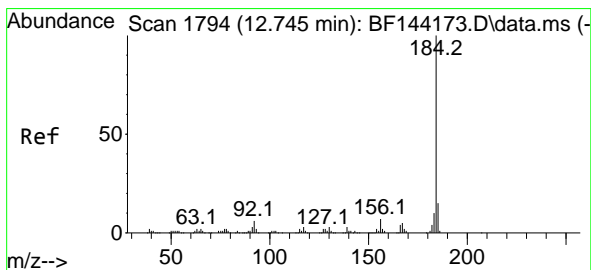
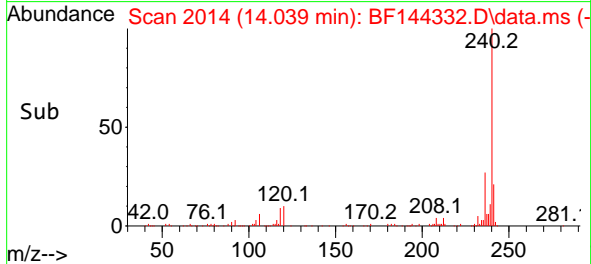
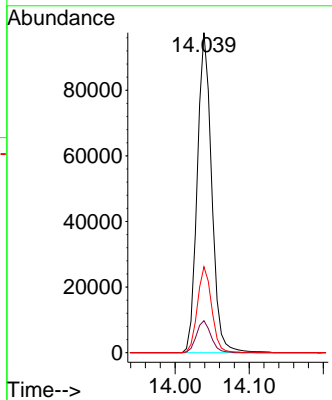
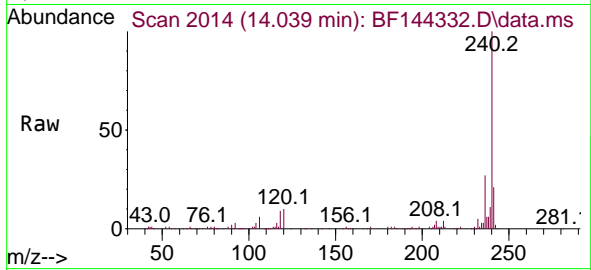




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 2017
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

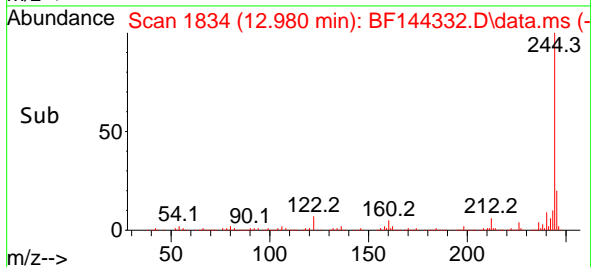
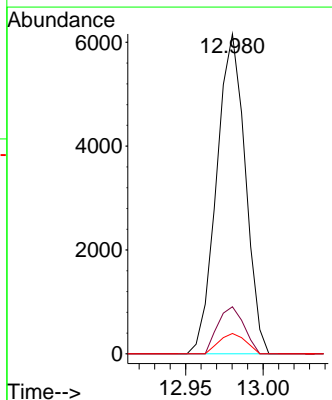
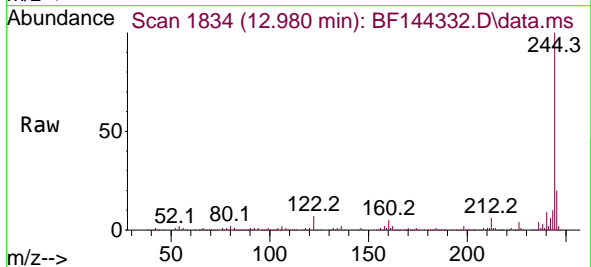
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

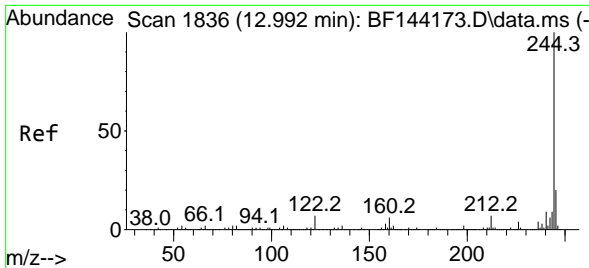
Tgt Ion:240 Resp: 131742
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.6 10.0#
 236 26.8 21.4 32.2



#77
 Benzidine
 Concen: 2.034 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. 0.229 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

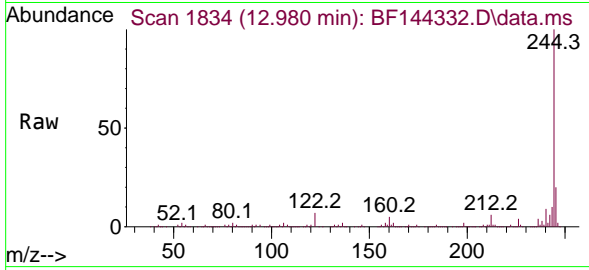
Tgt Ion:184 Resp: 7926
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.7 17.5
 183 6.4 8.3 12.5#



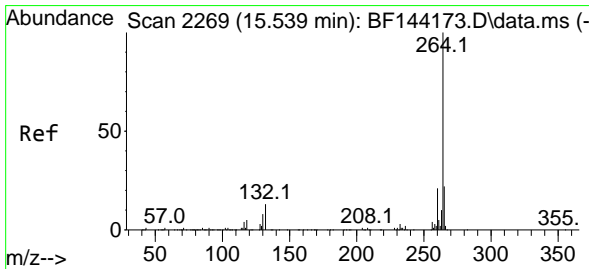
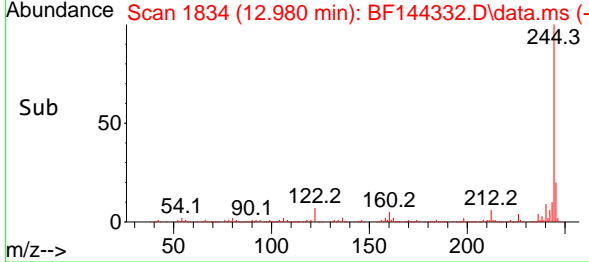
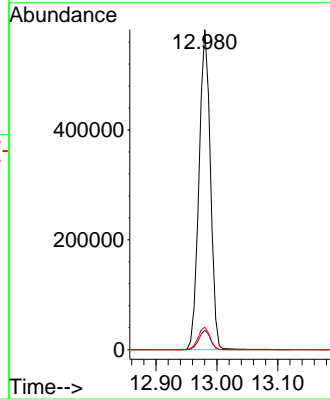


#79
 Terphenyl-d14
 Concen: 90.991 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION



Tgt Ion:244 Resp: 754675
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion:264 Resp: 175617
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 21.1 17.4 26.0

