

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144341.D
 Acq On : 24 Nov 2025 23:42
 Operator : RC/JU
 Sample : Q3710-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Quant Time: Nov 25 00:31:36 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

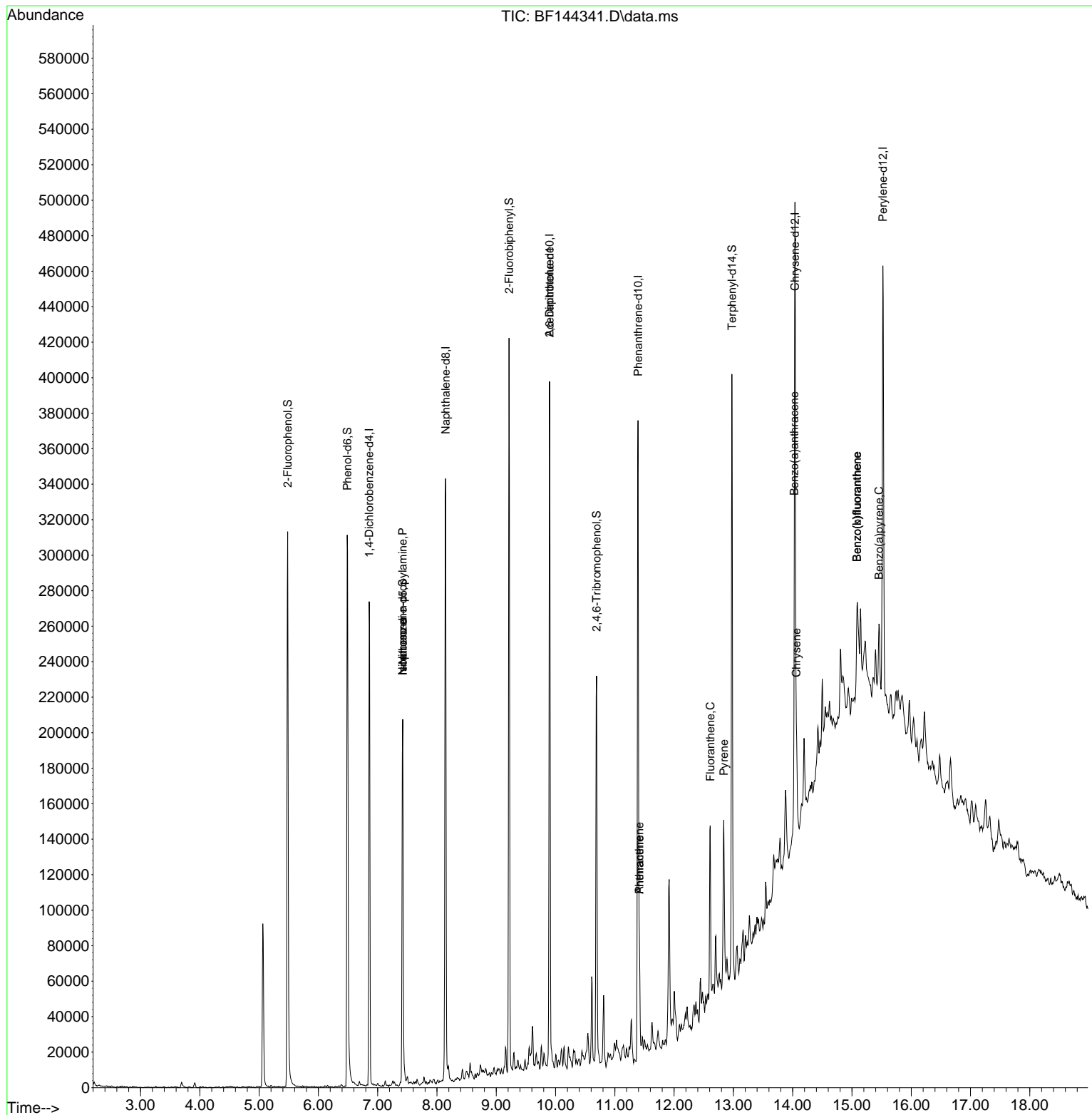
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	61125	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	226635	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	119243	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	197833	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	162365	20.000	ng	-0.01
86) Perylene-d12	15.521	264	149139	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	141272	36.167	ng	-0.01
7) Phenol-d6	6.487	99	161993	36.601	ng	-0.01
23) Nitrobenzene-d5	7.422	82	94212	24.009	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	44530	29.759	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	195374	24.199	ng	-0.01
79) Terphenyl-d14	12.974	244	174350	17.057	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	13689	4.698	ng	# 72
25) Isophorone	7.422	82	94211	12.693	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	15773	9.863	ng	# 27
71) Phenanthrene	11.416	178	36444	3.700	ng	98
72) Anthracene	11.416	178	36444	3.639	ng	99
75) Fluoranthene	12.610	202	60198	5.916	ng	97
78) Pyrene	12.839	202	52022	3.974	ng	98
81) Benzo(a)anthracene	14.027	228	31955	2.840	ng	# 90
83) Chrysene	14.063	228	30885	2.973	ng	# 91
88) Benzo(b)fluoranthene	15.086	252	41280	4.869	ng	# 82
89) Benzo(k)fluoranthene	15.086	252	41280	5.201	ng	# 83
90) Benzo(a)pyrene	15.457	252	19494	2.492	ng	# 77

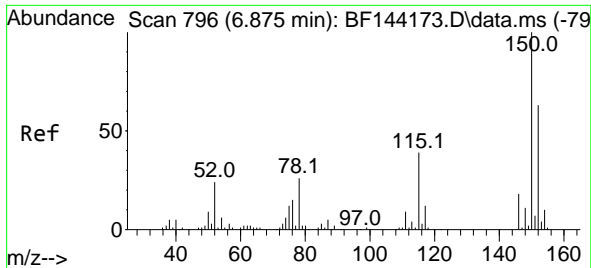
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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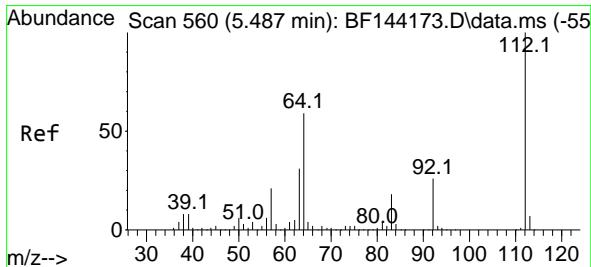
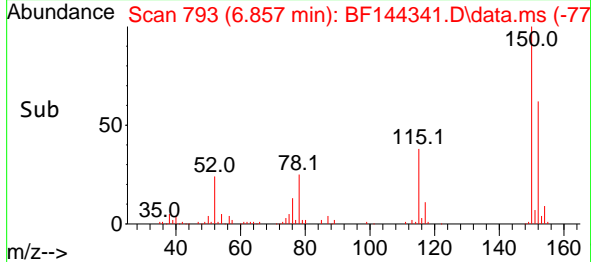
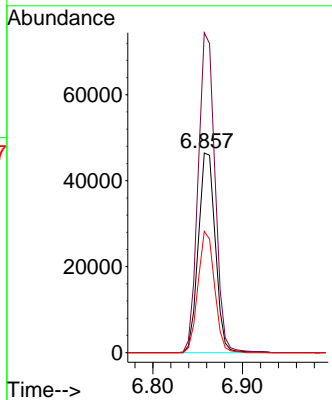
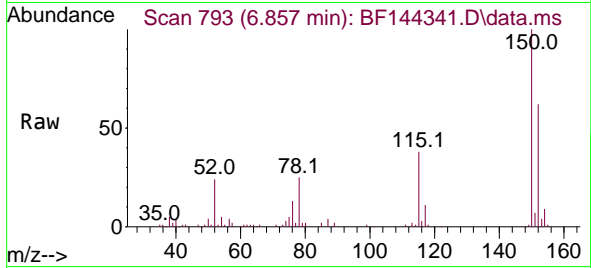


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

Tgt Ion:152 Resp: 61125

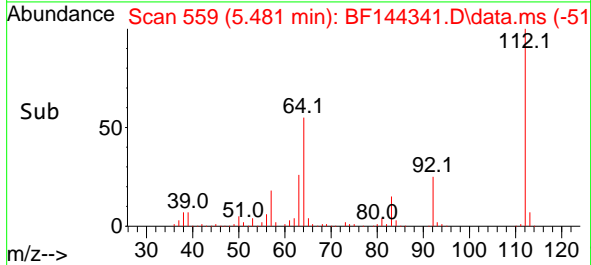
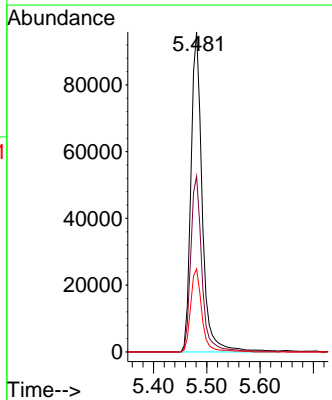
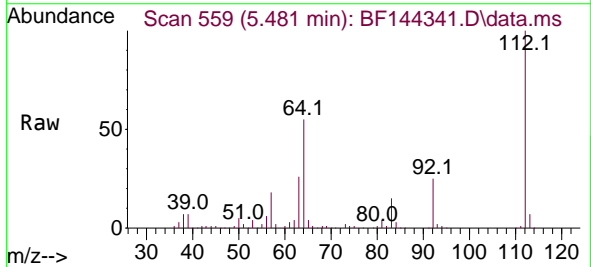
Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.4	191.0
115	60.7	49.5	74.3

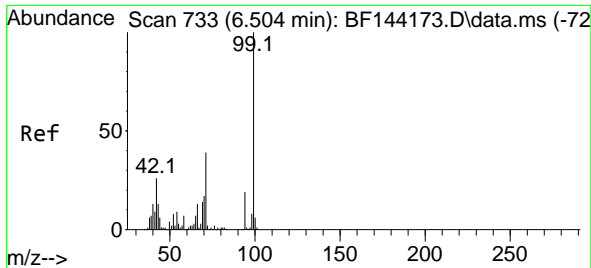


#5
 2-Fluorophenol
 Concen: 36.167 ng
 RT: 5.481 min Scan# 559
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion:112 Resp: 141272

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.2	70.8
63	25.9	24.4	36.6

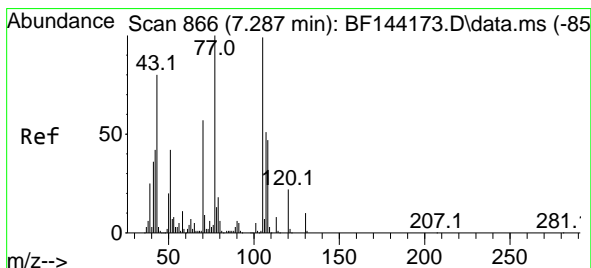
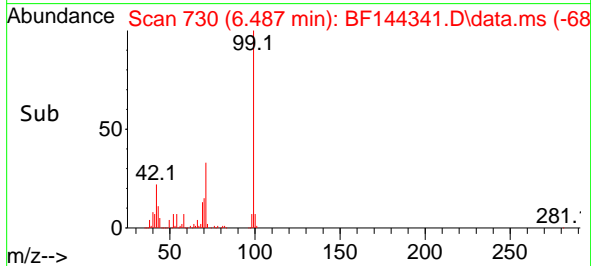
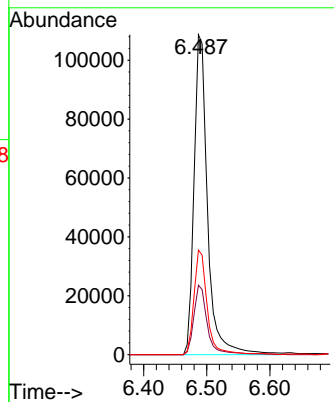
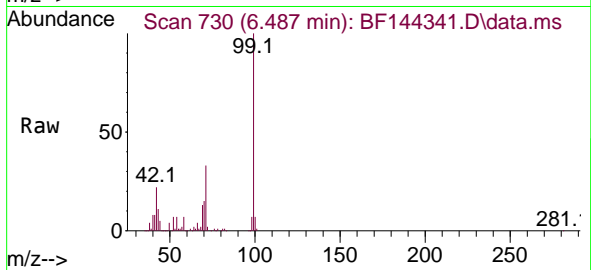




#7
 Phenol-d6
 Concen: 36.601 ng
 RT: 6.487 min Scan# 733
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

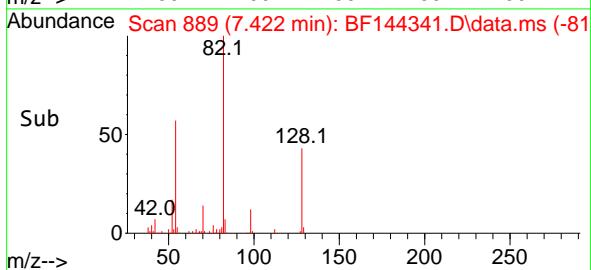
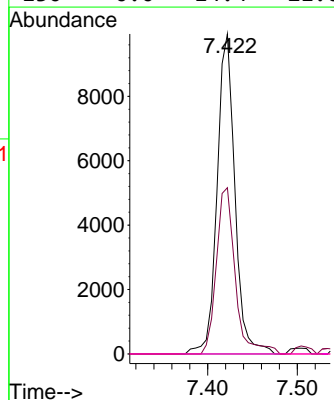
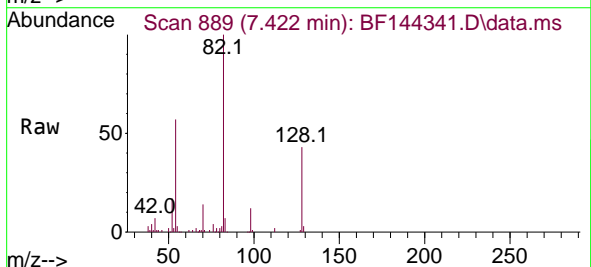
Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

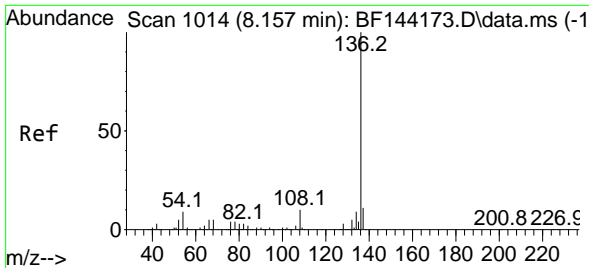
Tgt Ion: 99 Resp: 161993
 Ion Ratio Lower Upper
 99 100
 42 21.7 20.9 31.3
 71 32.7 31.4 47.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 4.698 ng
 RT: 7.422 min Scan# 889
 Delta R.T. 0.147 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion: 70 Resp: 13689
 Ion Ratio Lower Upper
 70 100
 42 51.9 58.3 87.5#
 101 0.0 7.0 10.6#
 130 0.0 14.4 21.6#



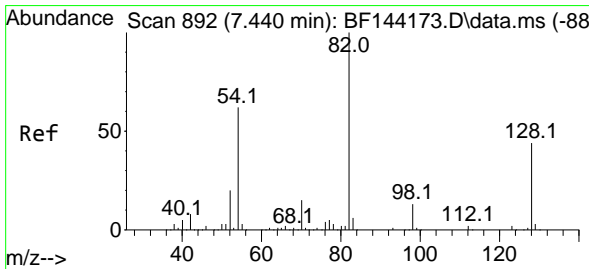
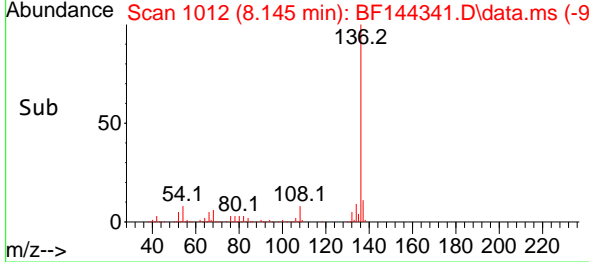
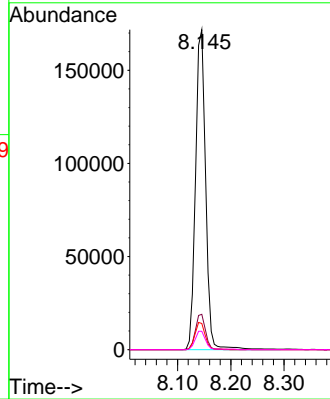
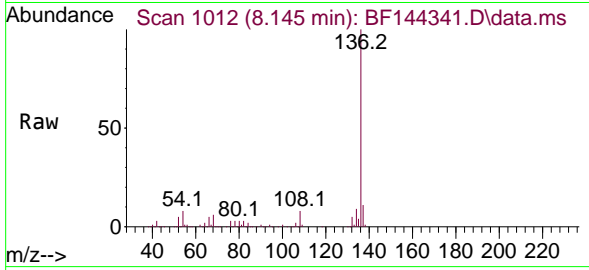


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.145 min Scan# 1012
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

Tgt Ion:136 Resp: 226635

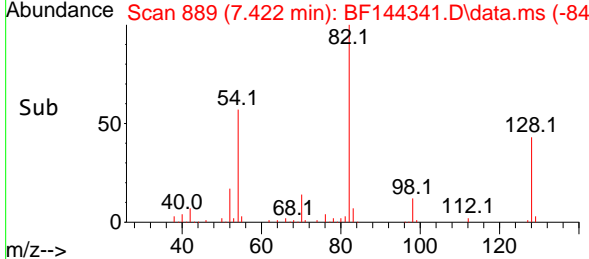
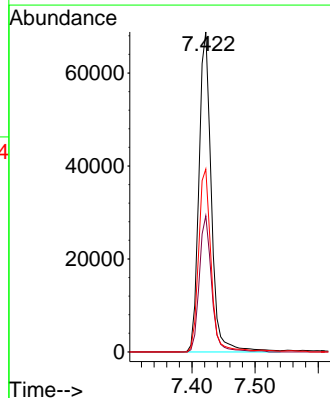
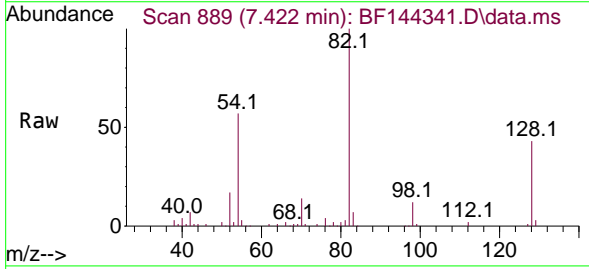
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	7.0	10.6
68	5.7	4.3	6.5

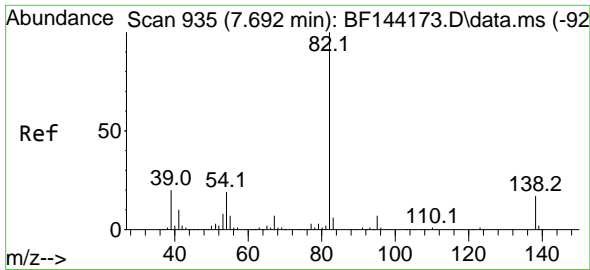


#23
 Nitrobenzene-d5
 Concen: 24.009 ng
 RT: 7.422 min Scan# 889
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion: 82 Resp: 94212

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.7	52.1
54	57.1	49.5	74.3

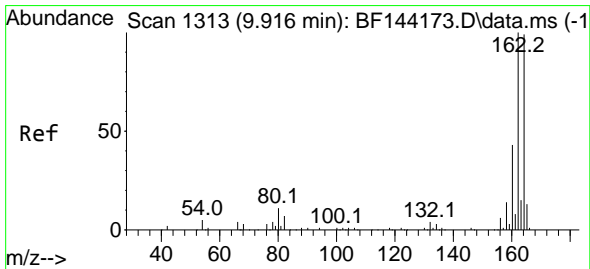
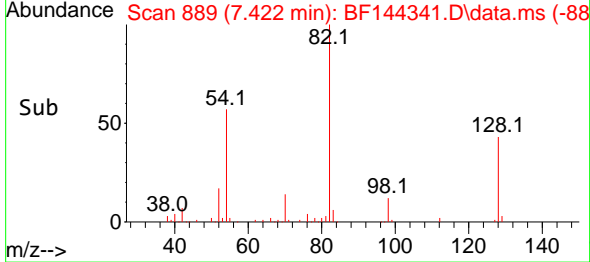
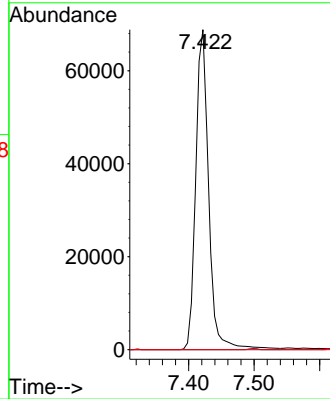
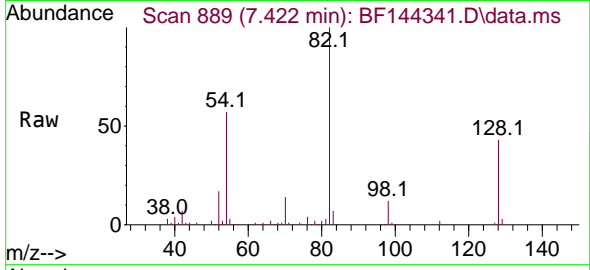




#25
 Isophorone
 Concen: 12.693 ng
 RT: 7.422 min Scan# 88
 Delta R.T. -0.265 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

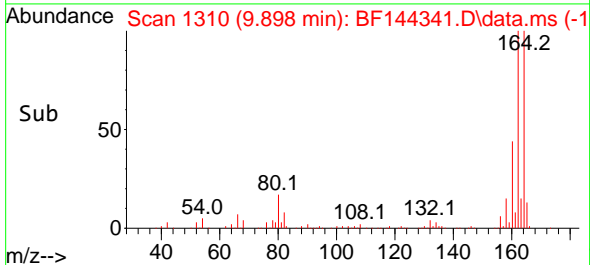
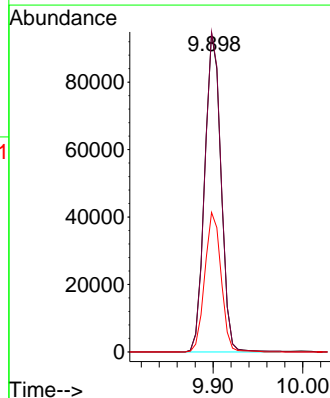
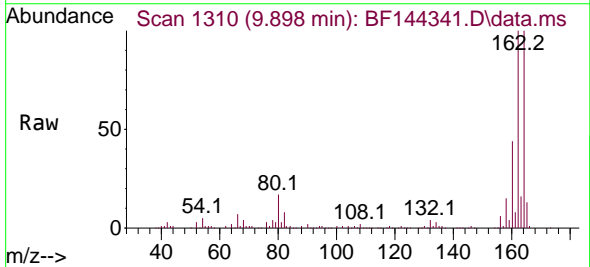
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

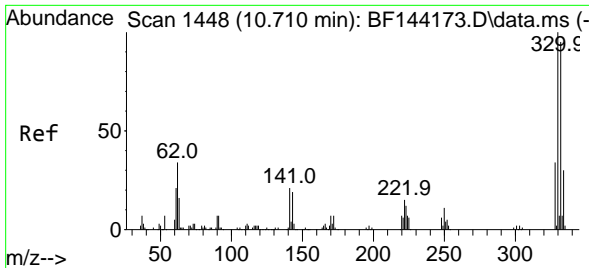
Tgt Ion: 82 Resp: 94211
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.7 20.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

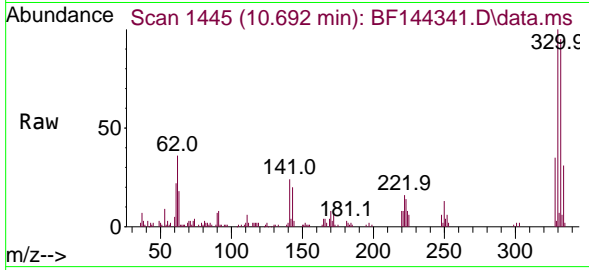
Tgt Ion:164 Resp: 119243
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.1 121.7
 160 43.7 34.5 51.7



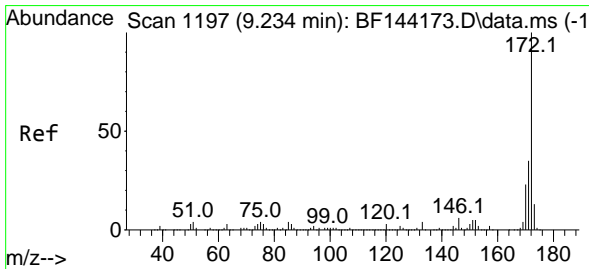
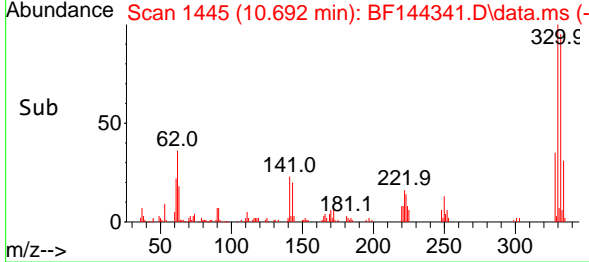
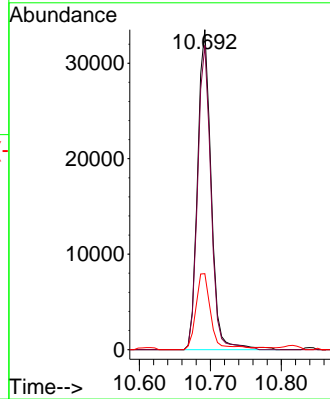


#42
 2,4,6-Tribromophenol
 Concen: 29.759 ng
 RT: 10.692 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

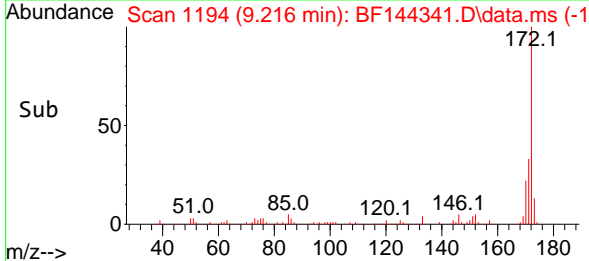
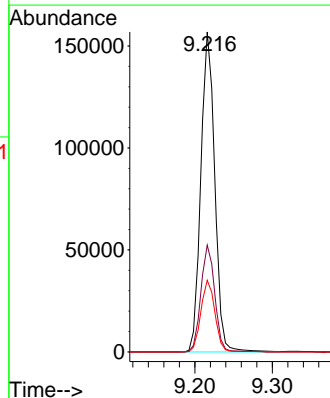
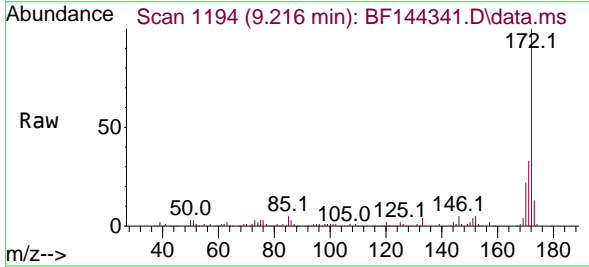


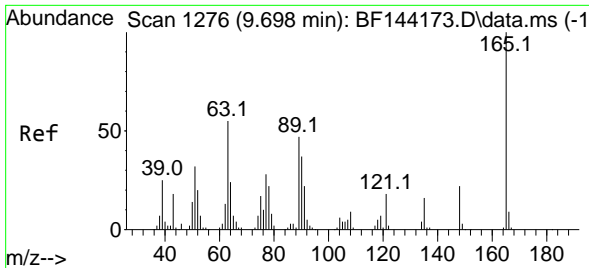
Tgt Ion:330 Resp: 44530
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.7 115.1
 141 26.3 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 24.199 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion:172 Resp: 195374
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.1 42.1
 170 22.4 18.6 28.0



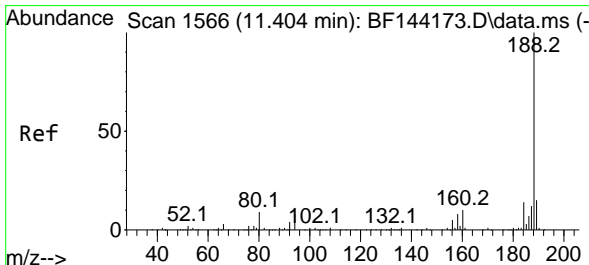
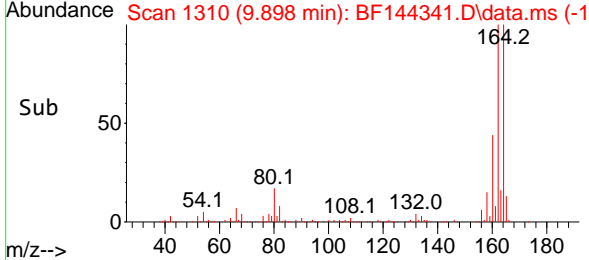
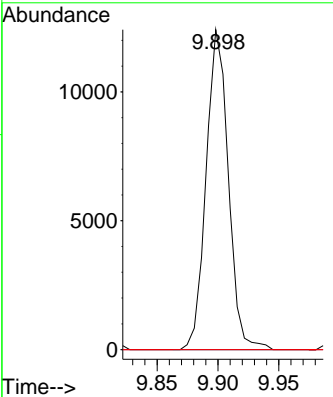
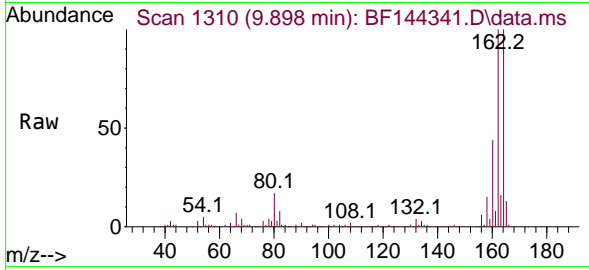


#51
 2,6-Dinitrotoluene
 Concen: 9.863 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. 0.206 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

Tgt Ion:165 Resp: 15773

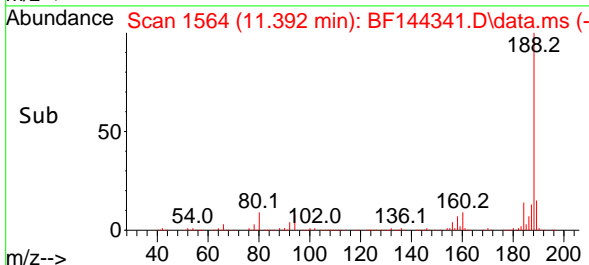
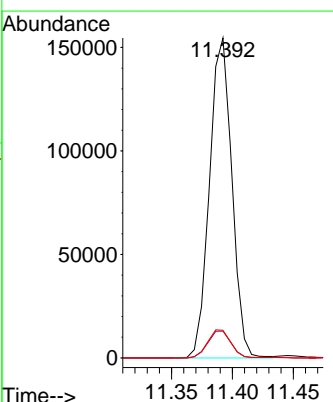
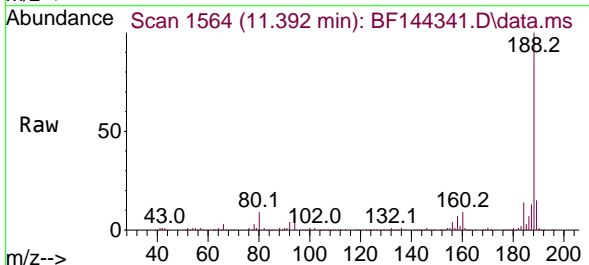
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	37.5	56.3#

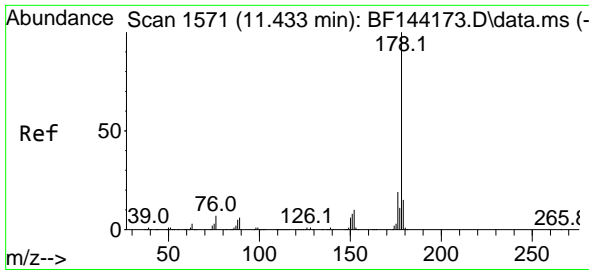


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1564
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion:188 Resp: 197833

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	8.6	6.9	10.3



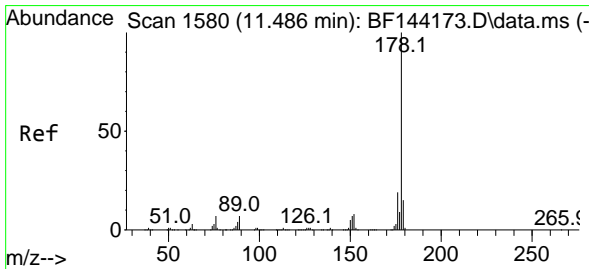
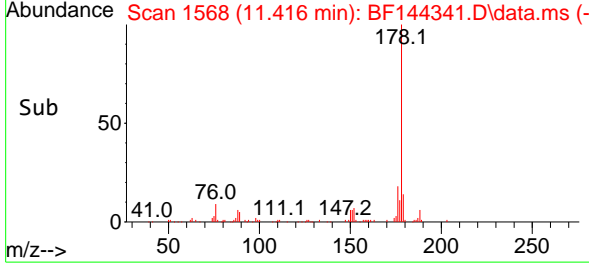
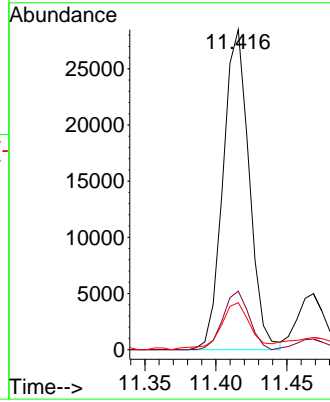
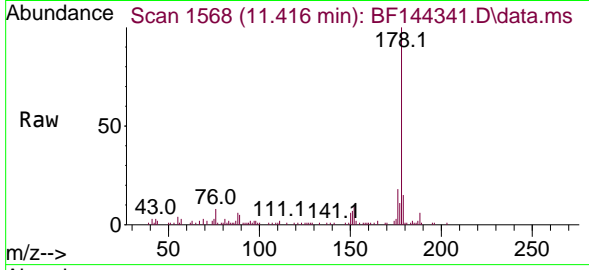


#71
 Phenanthrene
 Concen: 3.700 ng
 RT: 11.416 min Scan# 1568
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

Tgt Ion:178 Resp: 36444

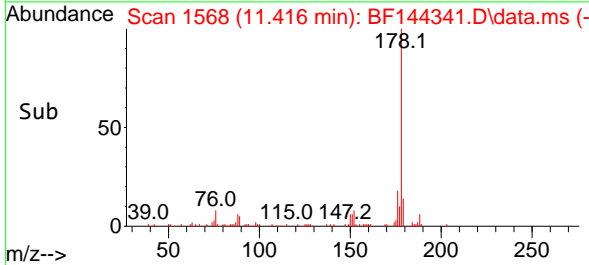
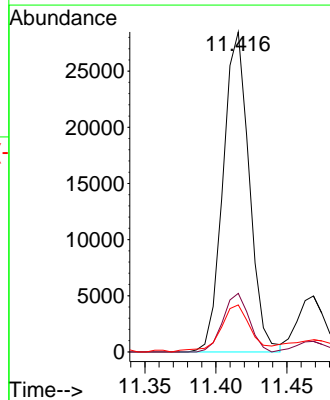
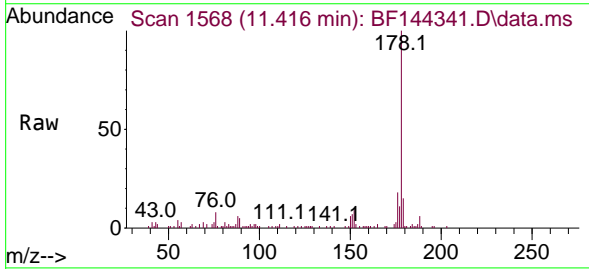
Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.7	12.2	18.4

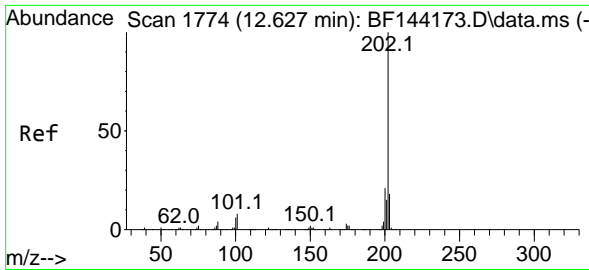


#72
 Anthracene
 Concen: 3.639 ng
 RT: 11.416 min Scan# 1568
 Delta R.T. -0.065 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion:178 Resp: 36444

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	14.7	12.0	18.0

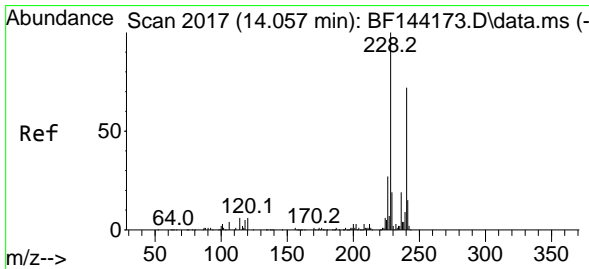
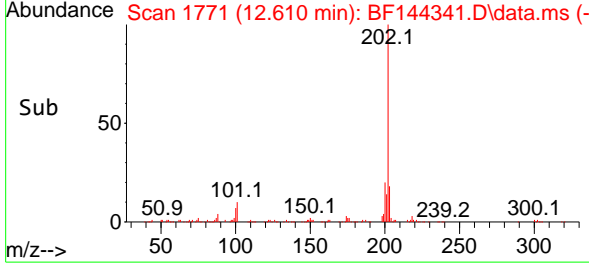
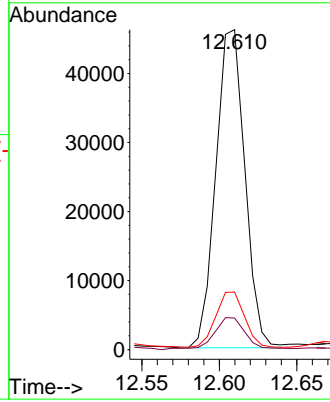
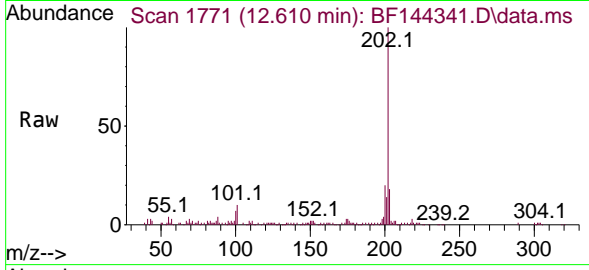




#75
 Fluoranthene
 Concen: 5.916 ng
 RT: 12.610 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

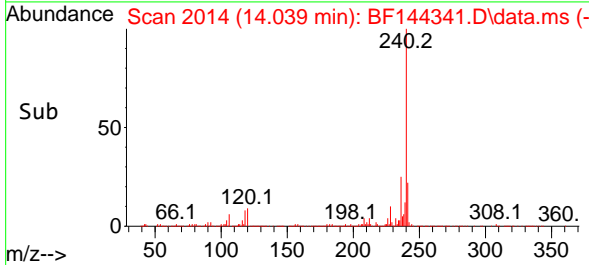
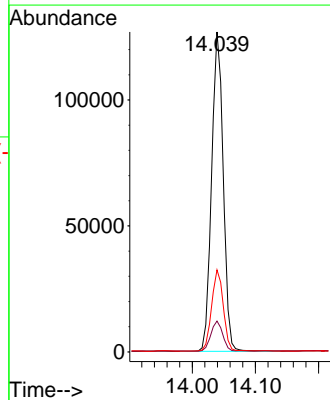
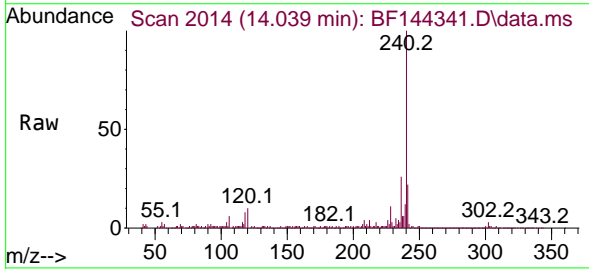
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

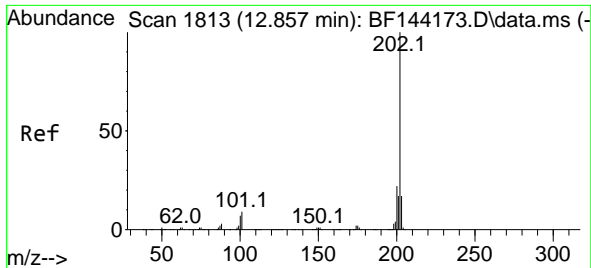
Tgt Ion	Resp	Lower	Upper
202	100		
101	9.9	0.0	27.9
203	18.0	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion	Resp	Lower	Upper
240	100		
120	9.6	6.6	10.0
236	25.6	21.4	32.2



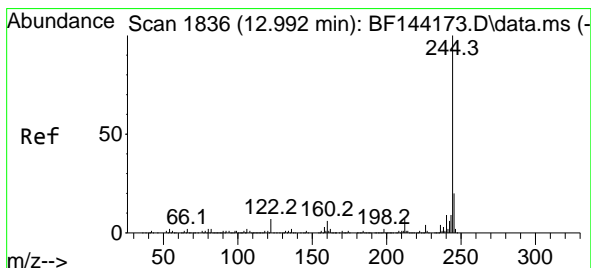
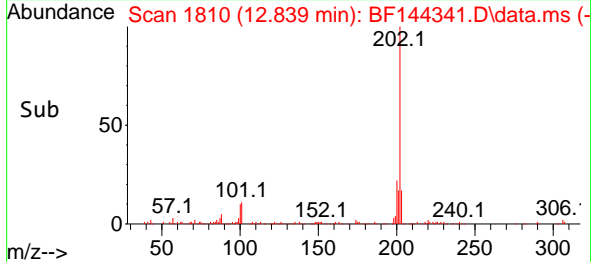
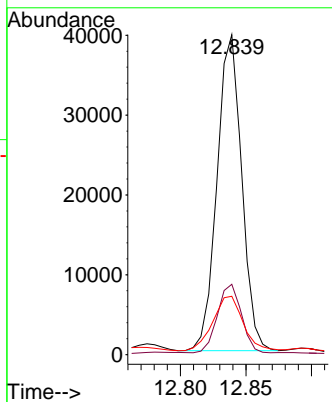
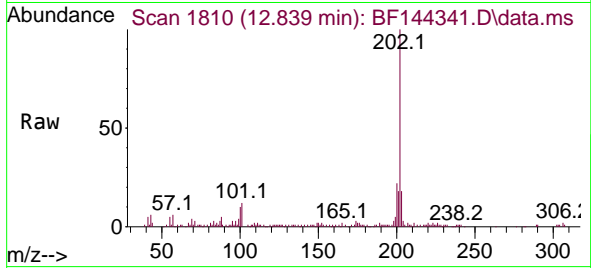


#78
 Pyrene
 Concen: 3.974 ng
 RT: 12.839 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

Tgt Ion:202 Resp: 52022

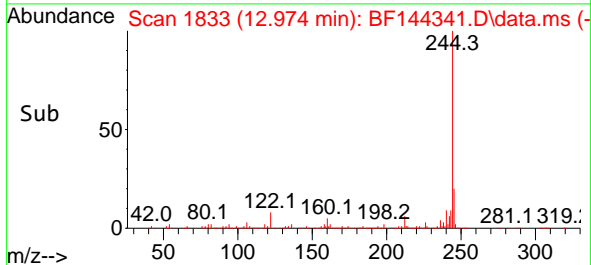
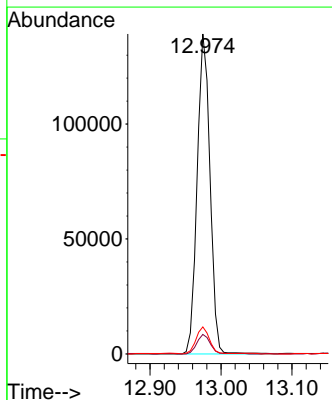
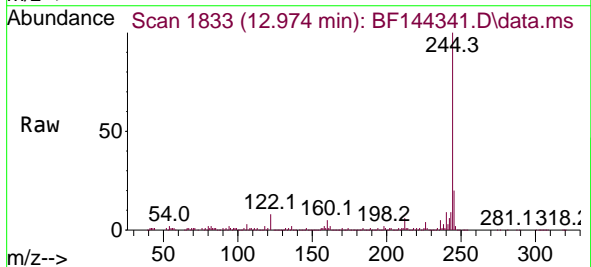
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.2	13.7	20.5

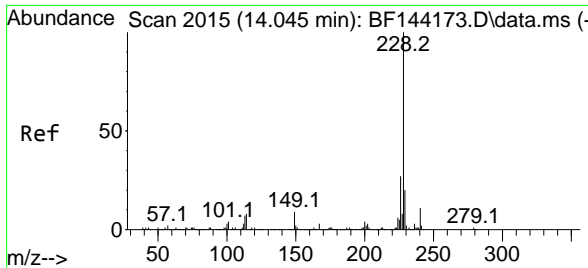


#79
 Terphenyl-d14
 Concen: 17.057 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion:244 Resp: 174350

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.3	7.9
122	8.4	5.6	8.4#

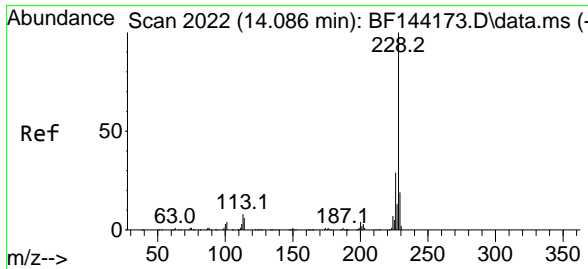
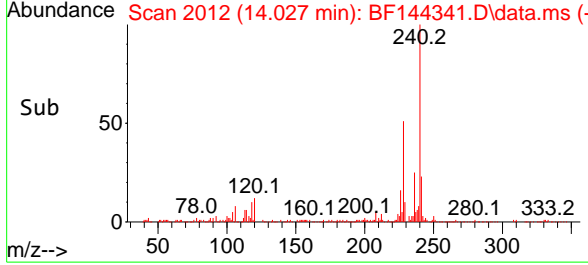
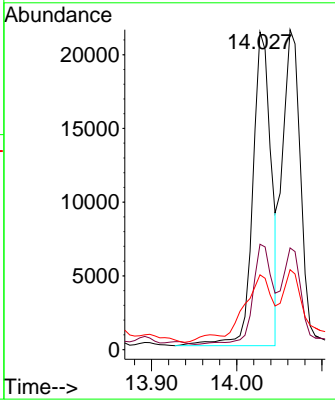
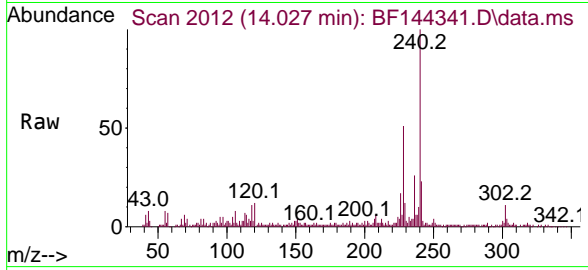




#81
 Benzo(a)anthracene
 Concen: 2.840 ng
 RT: 14.027 min Scan# 2018
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

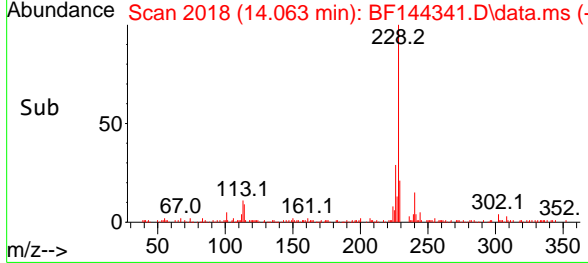
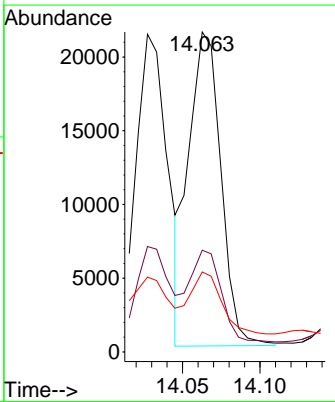
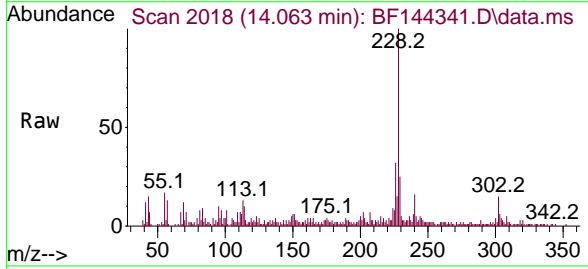
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

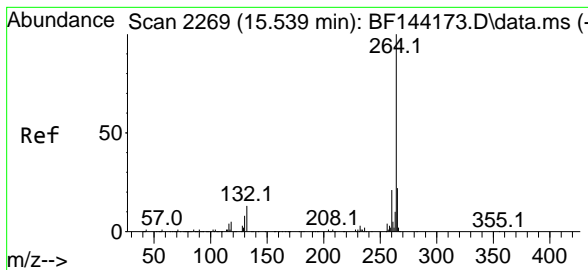
Tgt Ion	Resp	Lower	Upper
228	100		
226	33.2	21.8	32.8#
229	23.5	15.8	23.6



#83
 Chrysene
 Concen: 2.973 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion	Resp	Lower	Upper
228	100		
226	31.8	22.9	34.3
229	25.0	15.0	22.6#

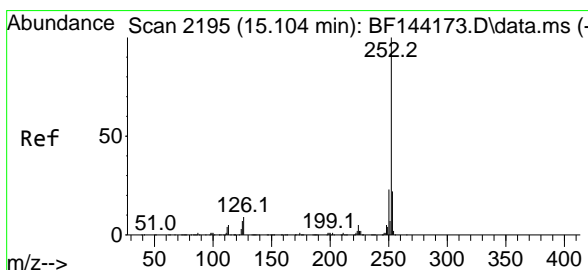
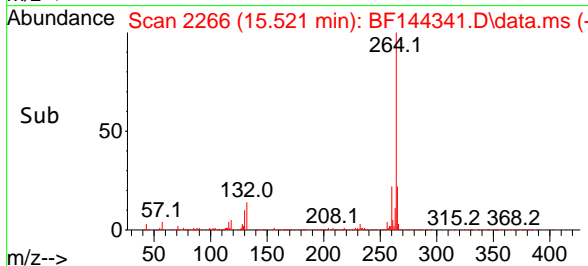
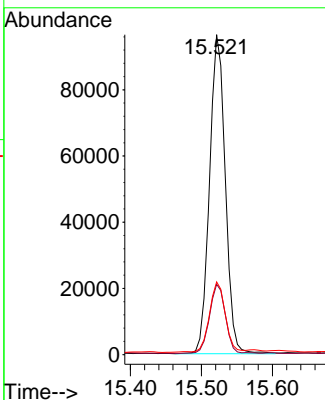
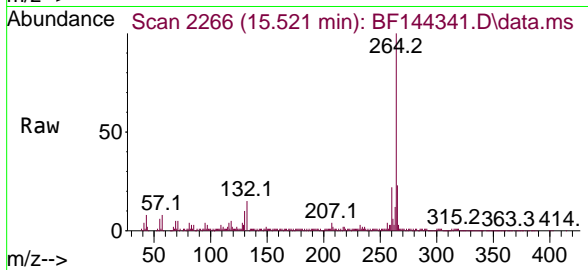




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2192
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

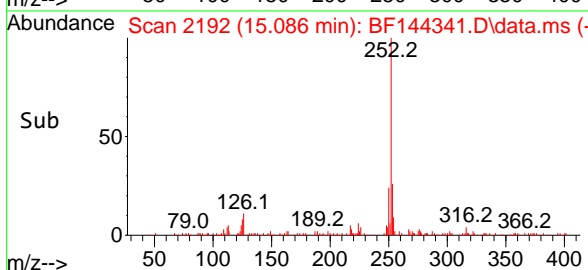
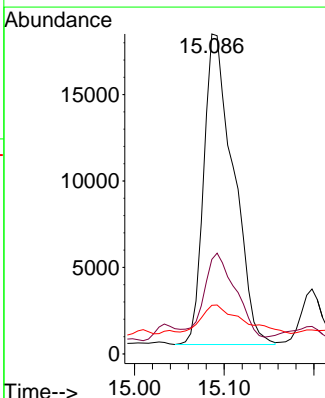
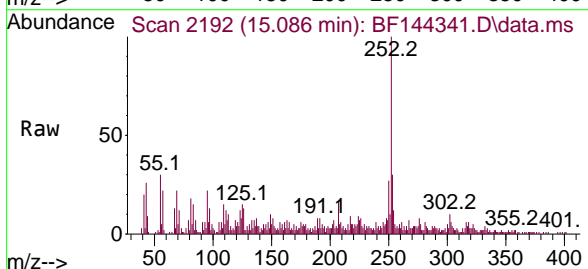
Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

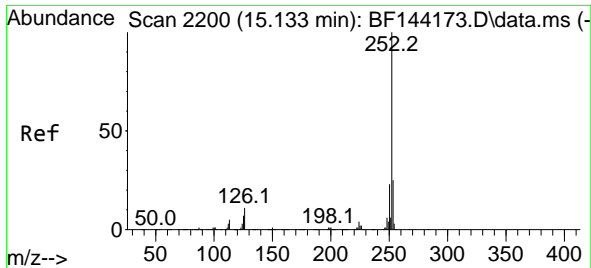
Tgt Ion	Resp	Lower	Upper
264	149139		
260	22.0	17.1	25.7
265	22.7	17.4	26.0



#88
 Benzo(b)fluoranthene
 Concen: 4.869 ng
 RT: 15.086 min Scan# 2192
 Delta R.T. -0.012 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion	Resp	Lower	Upper
252	41280		
253	29.5	17.4	26.2#
125	15.2	5.3	7.9#

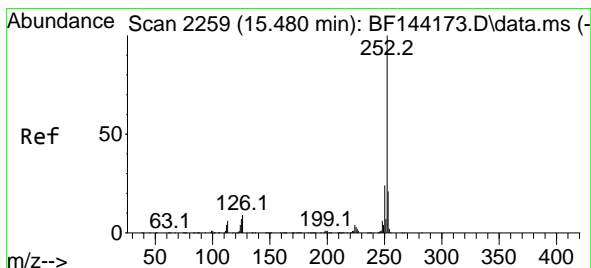
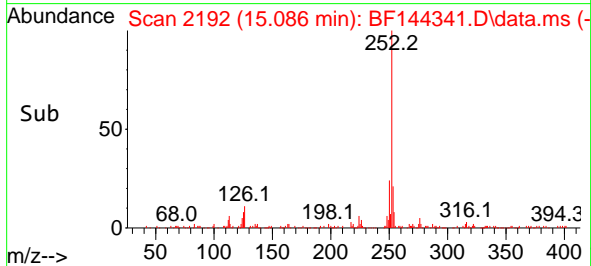
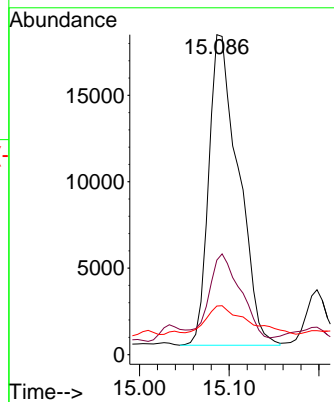
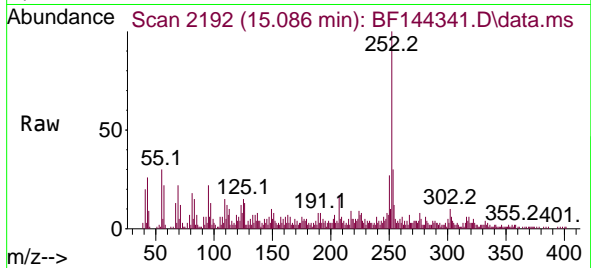




#89
 Benzo(k)fluoranthene
 Concen: 5.201 ng
 RT: 15.086 min Scan# 2192
 Delta R.T. -0.041 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Instrument : BNA_F
 ClientSampleId : COMPRESSOR-EXCAVATION

Tgt Ion	Resp	Lower	Upper
252	41280		
253	29.5	18.0	27.0#
125	15.2	5.4	8.2#



#90
 Benzo(a)pyrene
 Concen: 2.492 ng
 RT: 15.457 min Scan# 2255
 Delta R.T. -0.018 min
 Lab File: BF144341.D
 Acq: 24 Nov 2025 23:42

Tgt Ion	Resp	Lower	Upper
252	19494		
253	30.6	16.7	25.1#
125	17.6	5.7	8.5#

