

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
 Data File : BP026072.D
 Acq On : 04 Nov 2025 15:53
 Operator : RC/JU
 Sample : Q3516-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-103125

Quant Time: Nov 04 16:13:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

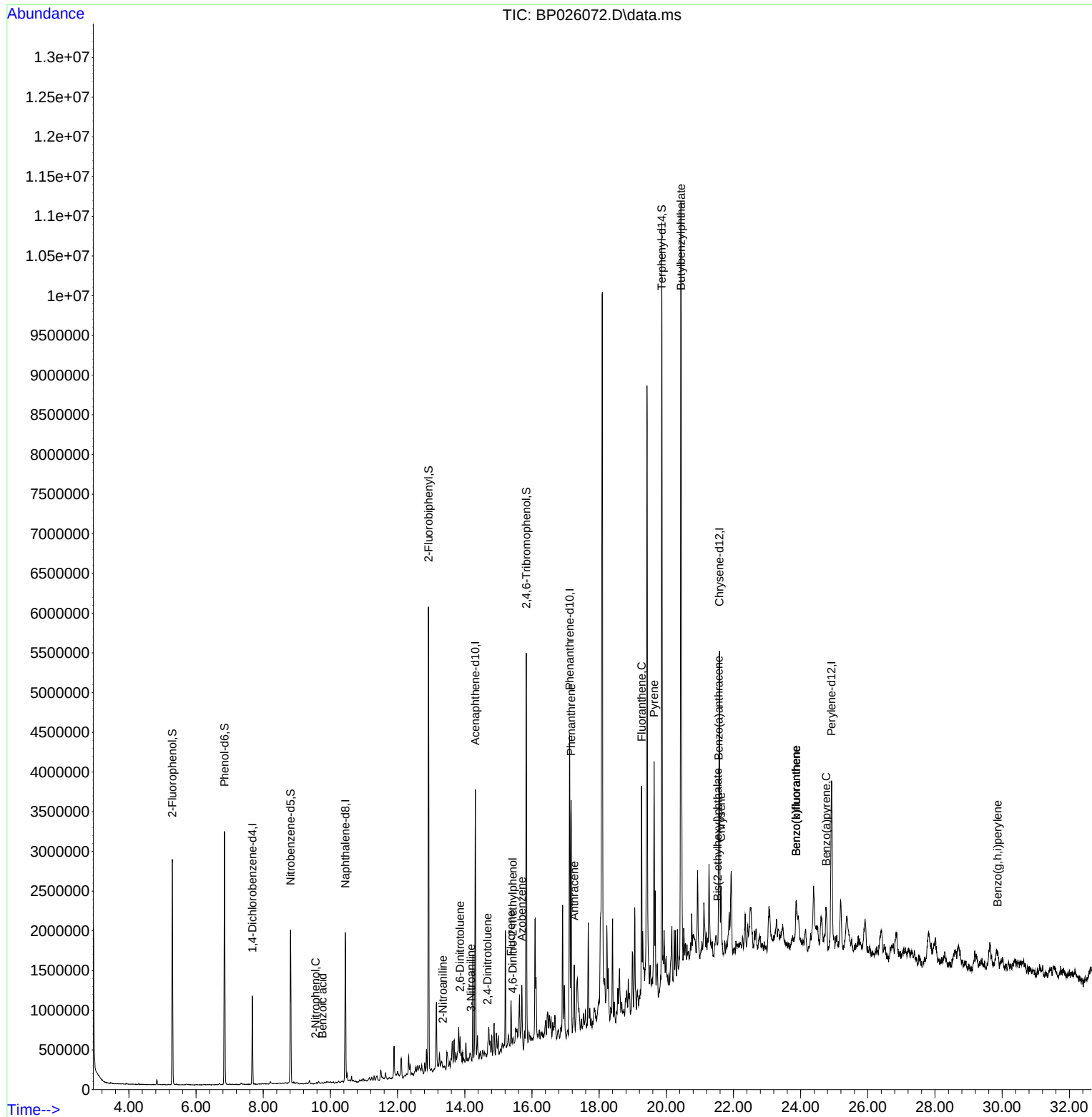
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	312351	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1502216	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	1129953	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	2494870	20.000	ng	0.00
76) Chrysene-d12	21.583	240	2212498	20.000	ng	0.02
86) Perylene-d12	24.919	264	2270404	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1331150	70.322	ng	0.00
7) Phenol-d6	6.849	99	1902790	78.976	ng	0.00
23) Nitrobenzene-d5	8.813	82	1075191	44.619	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1011020	82.763	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2986085	37.973	ng	-0.01
79) Terphenyl-d14	19.866	244	5022929	46.124	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.561	139	103	2.688	ng	# 1
32) Benzoic acid	9.766	122	259	3.141	ng	# 39
48) 2-Nitroaniline	13.349	65	953	2.961	ng	# 45
51) 2,6-Dinitrotoluene	13.860	165	1139	3.060	ng	# 36
53) 3-Nitroaniline	14.184	138	267	2.651	ng	# 36
57) 2,4-Dinitrotoluene	14.678	165	2441	3.188	ng	# 66
58) Fluorene	15.378	166	265457	3.292	ng	98
63) Azobenzene	15.695	77	206182	2.753	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.431	198	361	2.016	ng	# 1
71) Phenanthrene	17.166	178	1976375	13.610	ng	99
72) Anthracene	17.260	178	493551	3.429	ng	99
75) Fluoranthene	19.266	202	1639236	9.677	ng	98
78) Pyrene	19.636	202	1904232	12.725	ng	99
80) Butylbenzylphthalate	20.436	149	1934754	35.576	ng	# 27
81) Benzo(a)anthracene	21.560	228	742693	4.885	ng	94
83) Chrysene	21.630	228	715797	4.970	ng	97
84) Bis(2-ethylhexyl)phtha...	21.530	149	24684	2.859	ng	# 73
88) Benzo(b)fluoranthene	23.866	252	647673	4.595	ng	# 90
89) Benzo(k)fluoranthene	23.866	252	647673	4.500	ng	# 90
90) Benzo(a)pyrene	24.760	252	578269	4.466	ng	# 93
92) Benzo(g,h,i)perylene	29.865	276	326591	2.488	ng	95

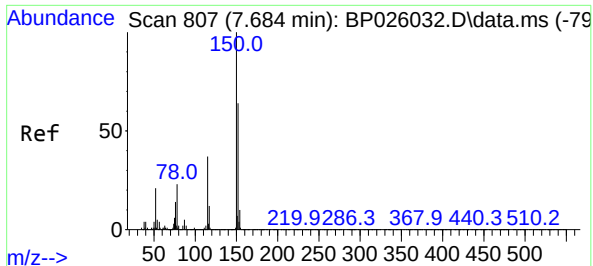
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
Data File : BP026072.D
Acq On : 04 Nov 2025 15:53
Operator : RC/JU
Sample : Q3516-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Quant Time: Nov 04 16:13:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

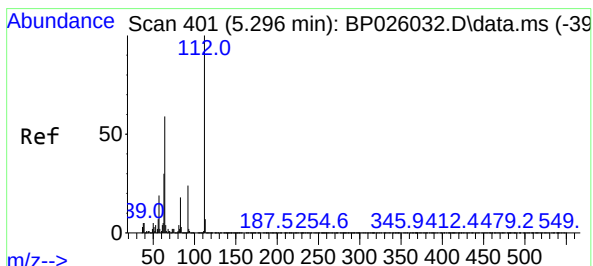
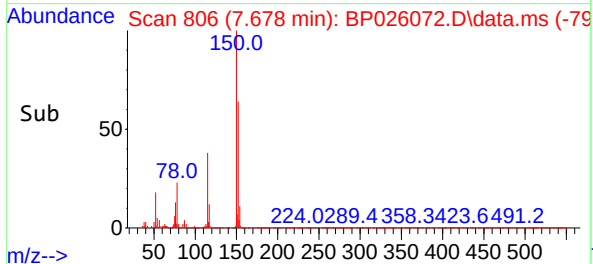
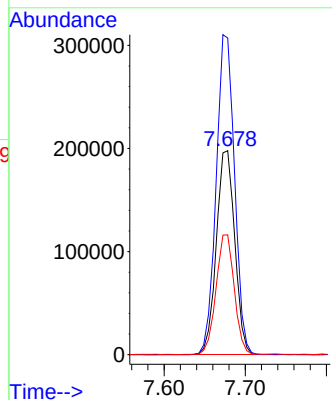
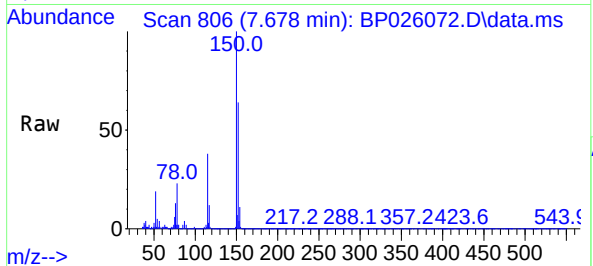




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

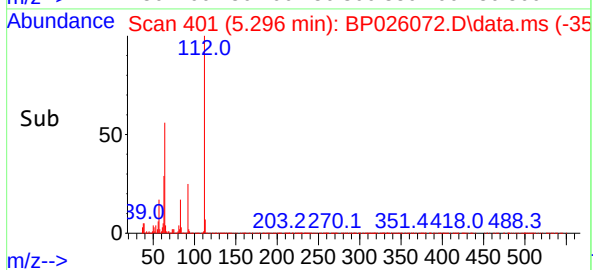
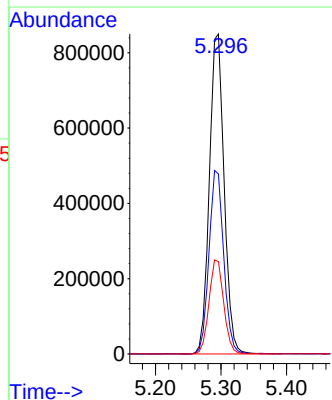
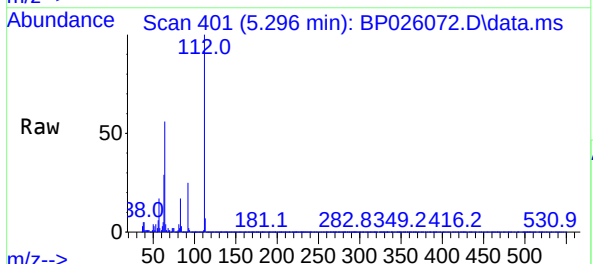
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

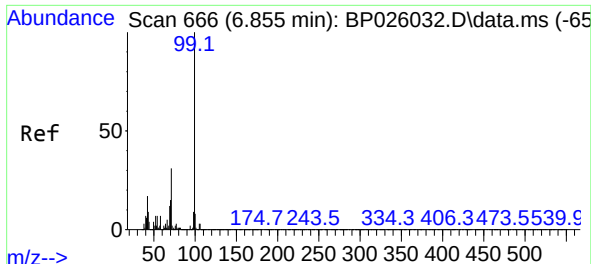
Tgt Ion:152 Resp: 312351
Ion Ratio Lower Upper
152 100
150 155.2 125.7 188.5
115 58.7 46.4 69.6



#5
2-Fluorophenol
Concen: 70.322 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:112 Resp: 1331150
Ion Ratio Lower Upper
112 100
64 56.2 47.4 71.2
63 28.8 24.2 36.4

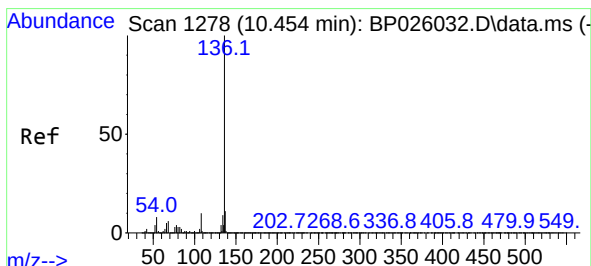
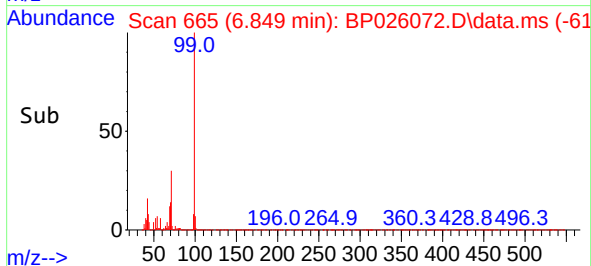
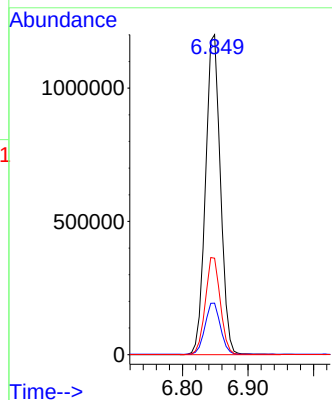
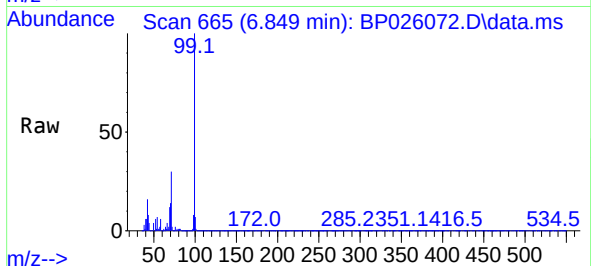




#7
Phenol-d6
Concen: 78.976 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

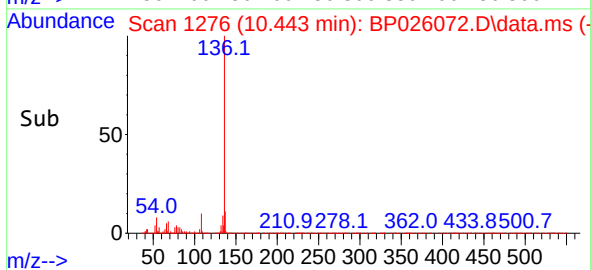
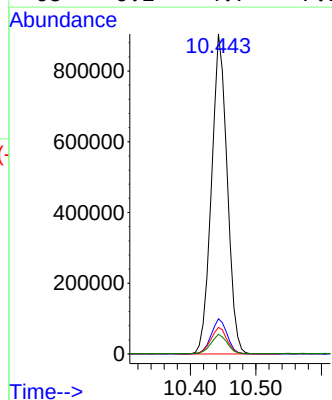
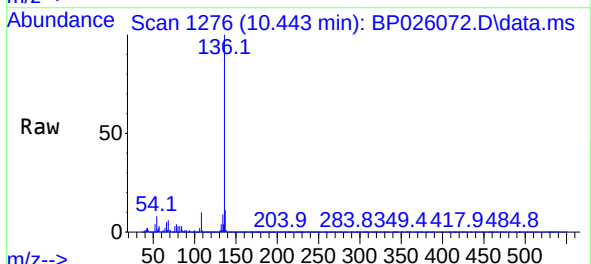
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

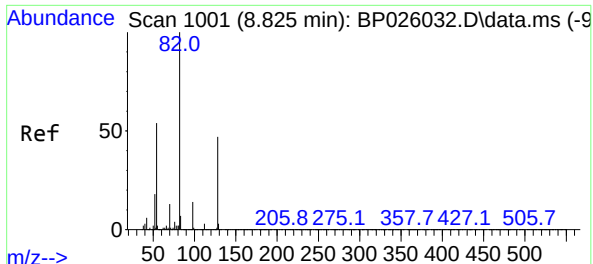
Tgt Ion: 99 Resp: 1902790
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.2 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:136 Resp: 1502216
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 6.6 10.0
68 6.2 4.7 7.1

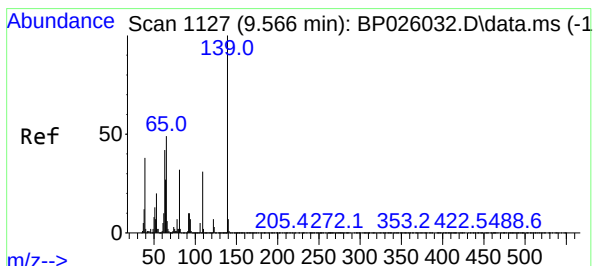
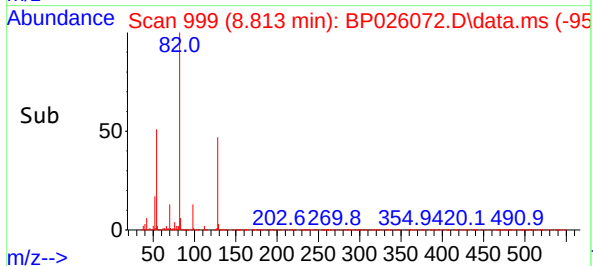
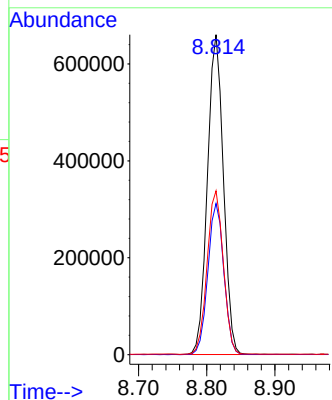
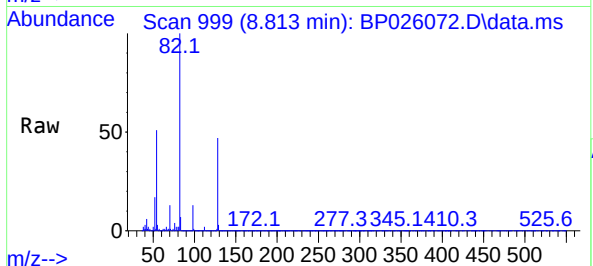




#23
Nitrobenzene-d5
Concen: 44.619 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

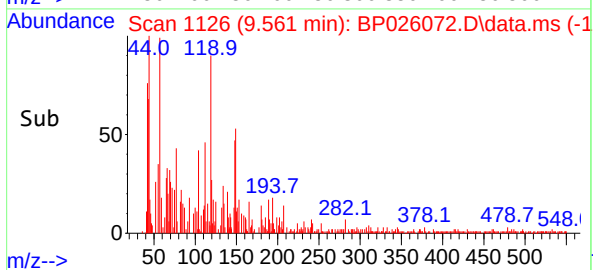
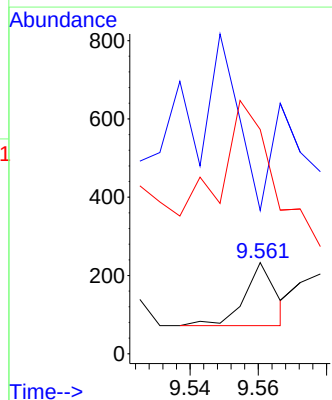
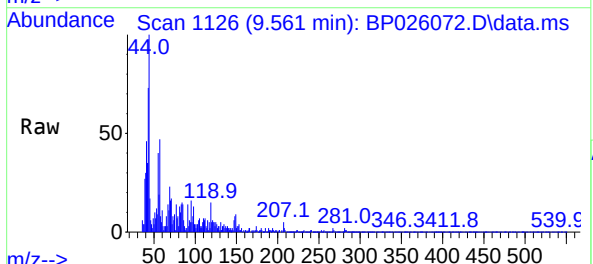
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

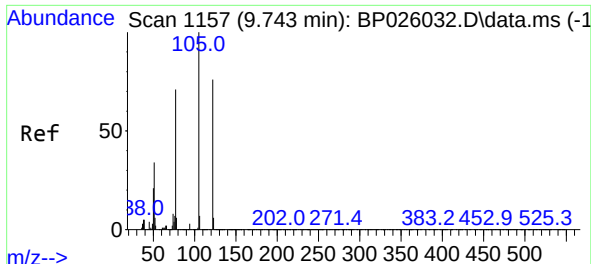
Tgt Ion: 82 Resp: 1075191
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 2.688 ng
RT: 9.561 min Scan# 1126
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion: 139 Resp: 103
Ion Ratio Lower Upper
139 100
109 157.1 24.8 37.2#
65 245.9 39.0 58.4#

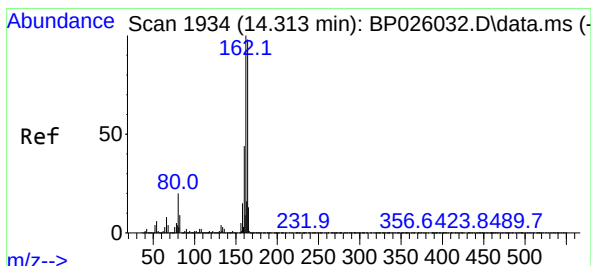
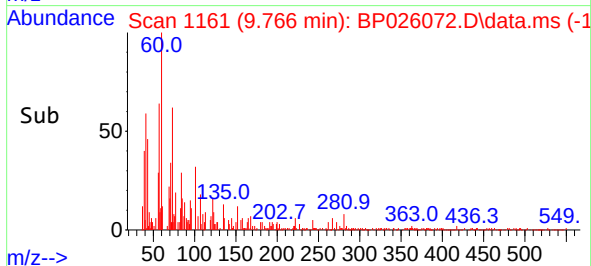
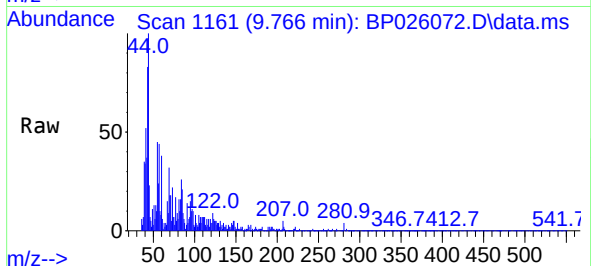




#32
Benzoic acid
Concen: 3.141 ng
RT: 9.766 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

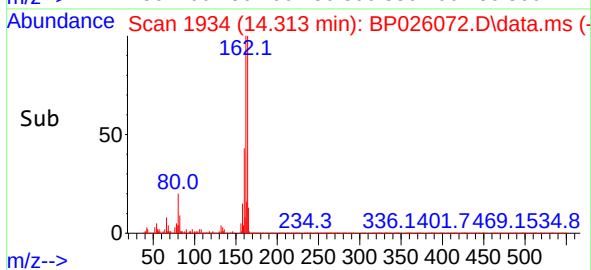
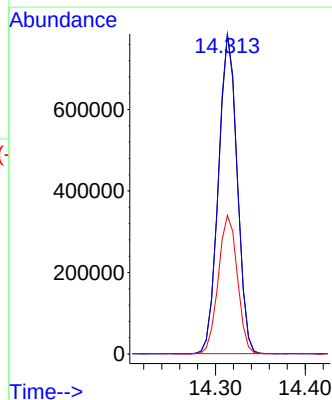
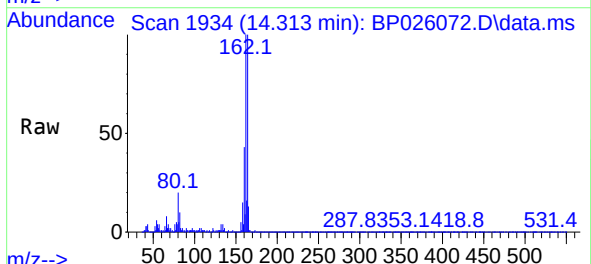
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

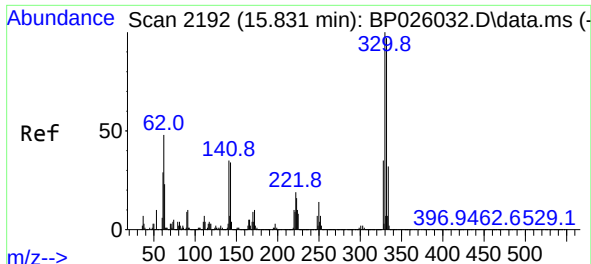
Tgt Ion:122 Resp: 259
Ion Ratio Lower Upper
122 100
105 95.4 104.8 144.8#
77 194.5 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:164 Resp: 1129953
Ion Ratio Lower Upper
164 100
162 100.1 81.5 122.3
160 43.4 36.2 54.4

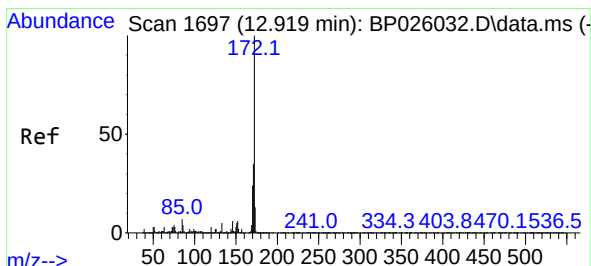
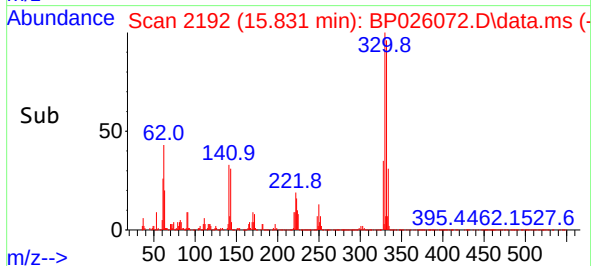
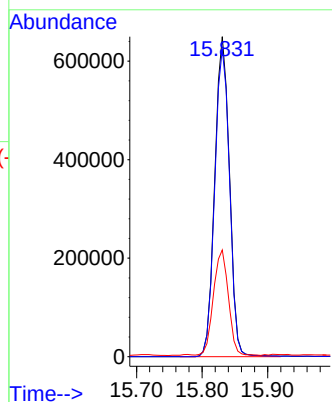
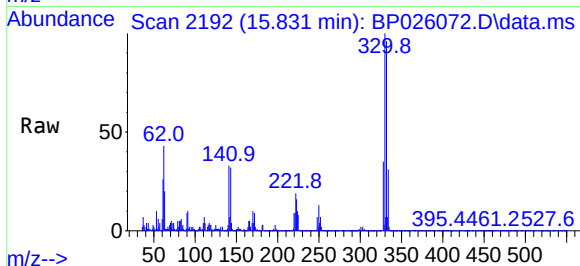




#42
2,4,6-Tribromophenol
Concen: 82.763 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

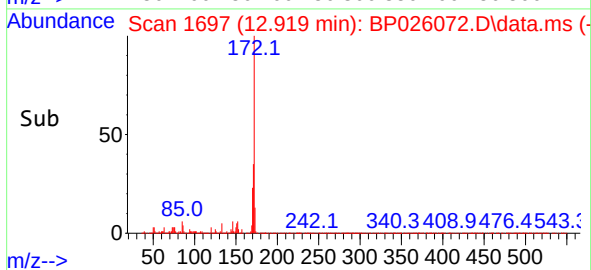
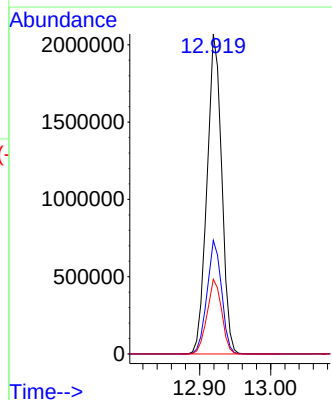
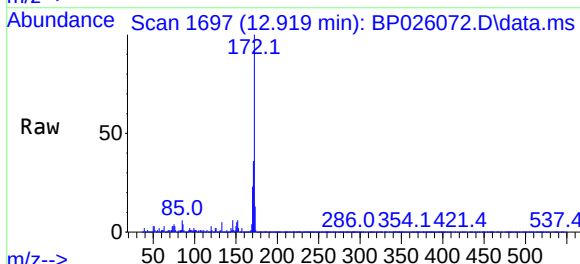
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

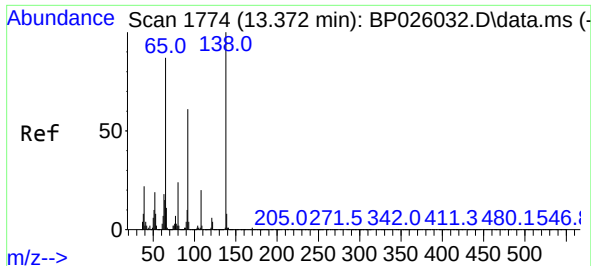
Tgt Ion:330 Resp: 1011020
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.4 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 37.973 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:172 Resp: 2986085
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.3 19.0 28.4

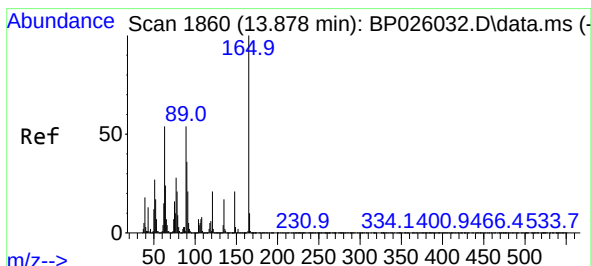
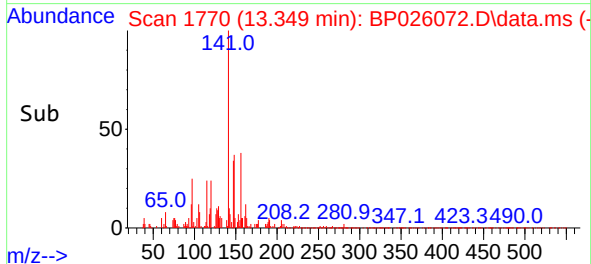
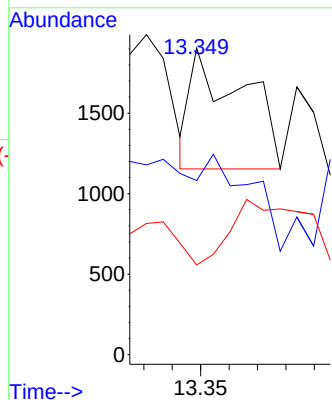
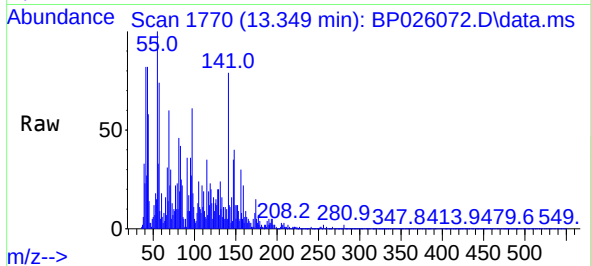




#48
2-Nitroaniline
Concen: 2.961 ng
RT: 13.349 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

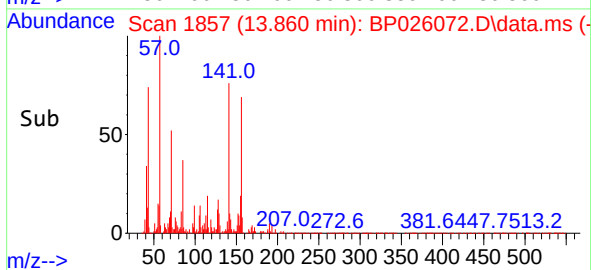
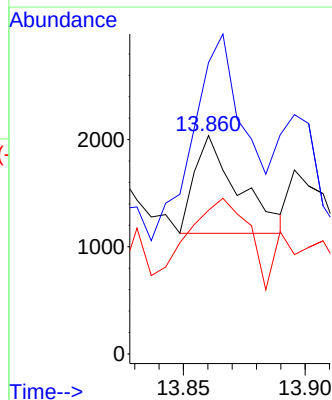
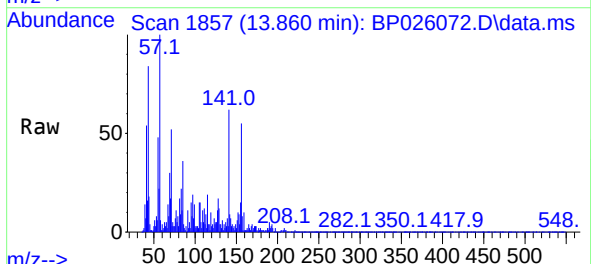
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

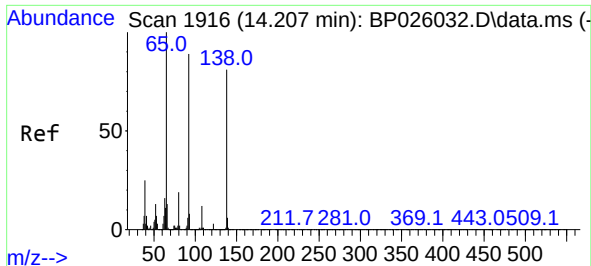
Tgt Ion: 65 Resp: 953
Ion Ratio Lower Upper
65 100
92 56.7 55.5 83.3
138 29.2 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.060 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion: 165 Resp: 1139
Ion Ratio Lower Upper
165 100
63 133.4 43.0 64.4#
89 65.8 43.0 64.4#

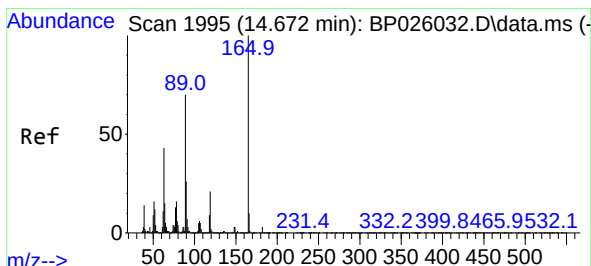
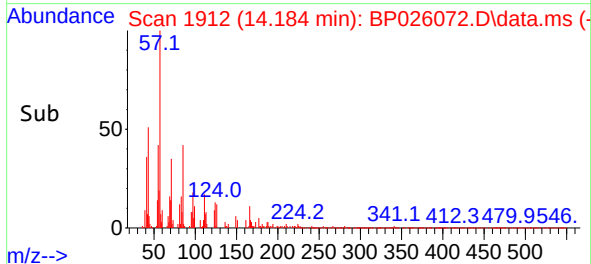
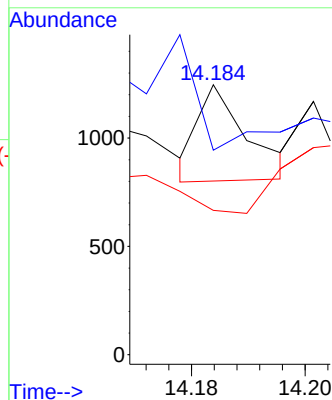
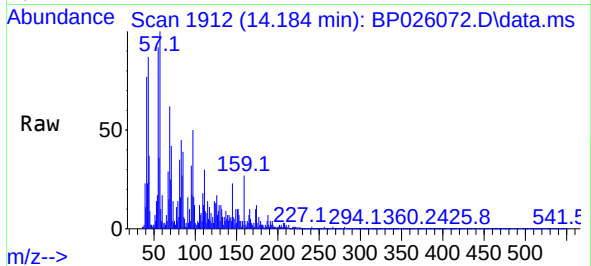




#53
3-Nitroaniline
Concen: 2.651 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.023 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

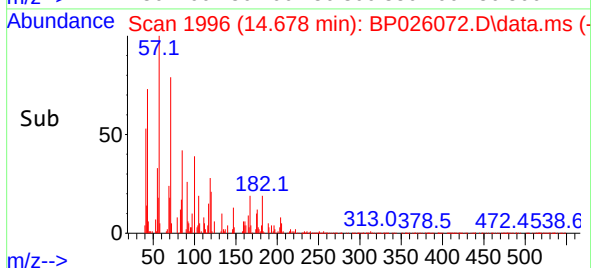
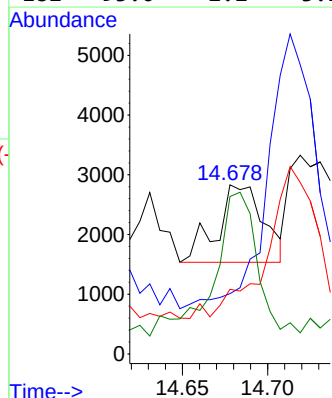
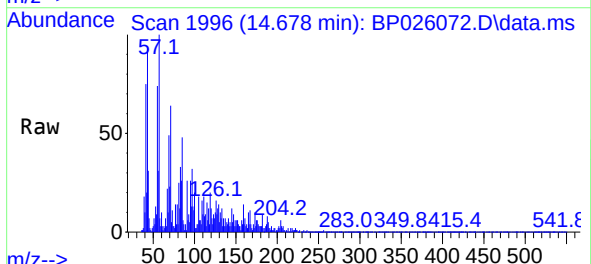
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

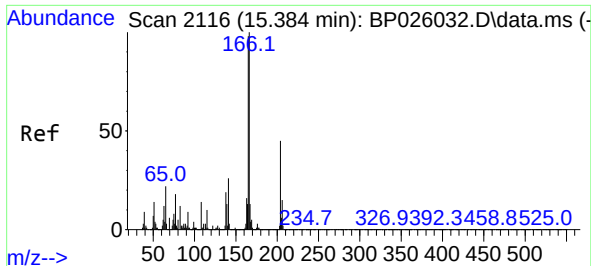
Tgt Ion:138 Resp: 267
Ion Ratio Lower Upper
138 100
108 75.8 11.4 17.0#
92 53.5 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.188 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:165 Resp: 2441
Ion Ratio Lower Upper
165 100
63 35.7 34.2 51.2
89 38.2 56.0 84.0#
182 93.0 2.2 3.2#

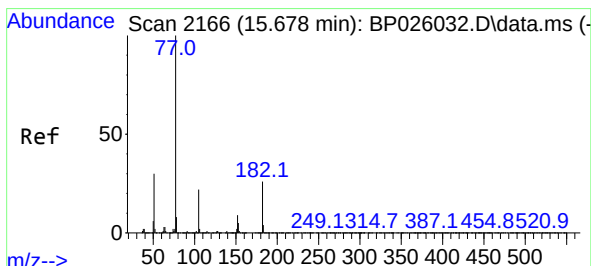
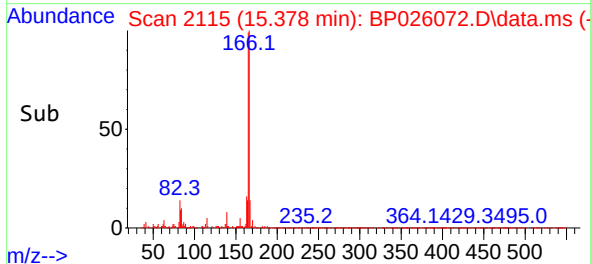
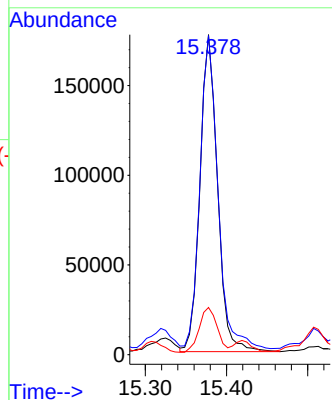
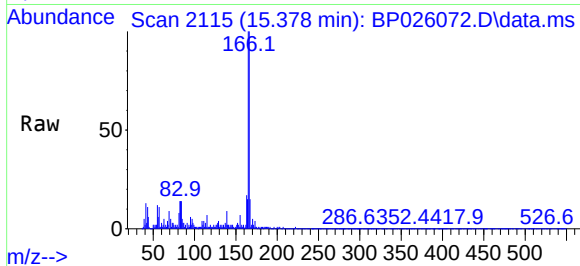




#58
Fluorene
Concen: 3.292 ng
RT: 15.378 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

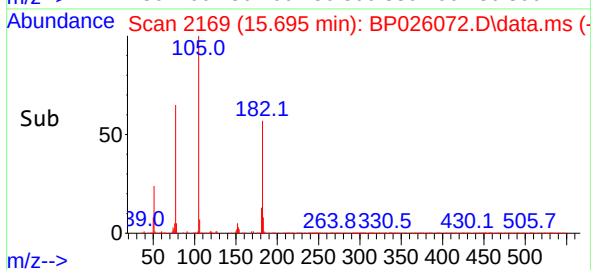
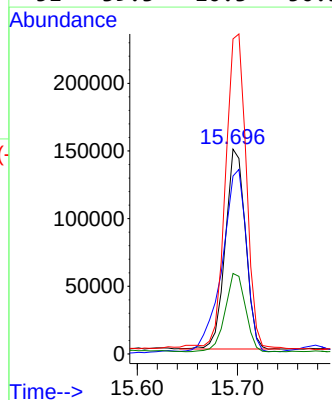
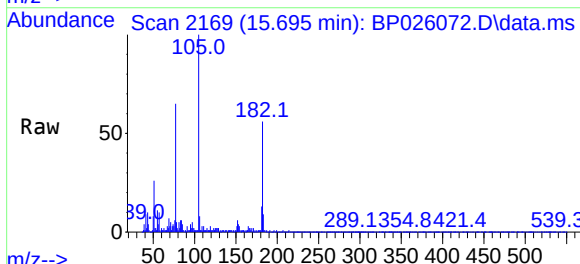
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

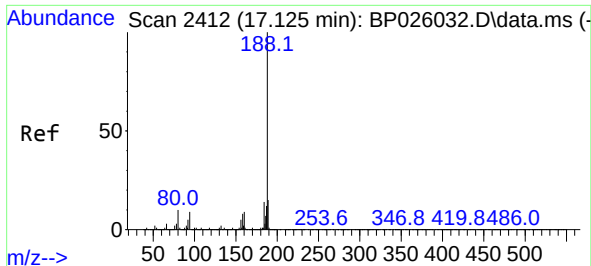
Tgt Ion:166 Resp: 265457
Ion Ratio Lower Upper
166 100
165 99.7 78.1 117.1
167 14.7 10.6 16.0



#63
Azobenzene
Concen: 2.753 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion: 77 Resp: 206182
Ion Ratio Lower Upper
77 100
182 86.9 6.4 46.4#
105 153.9 2.2 42.2#
51 39.3 10.3 50.3

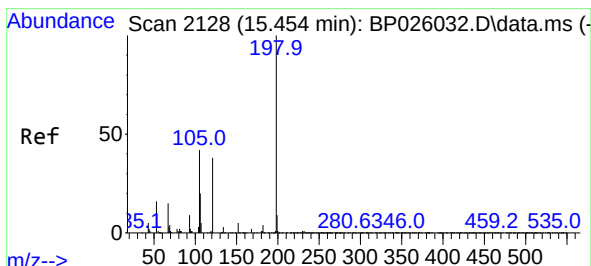
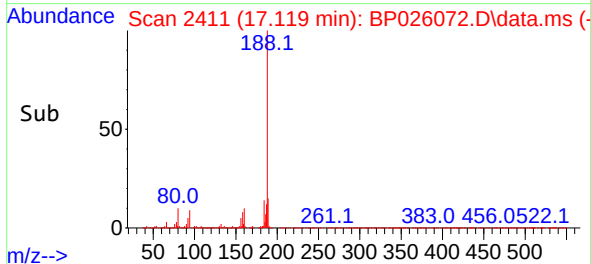
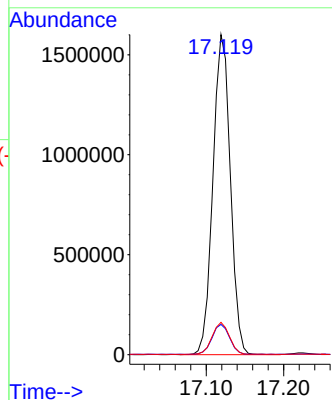
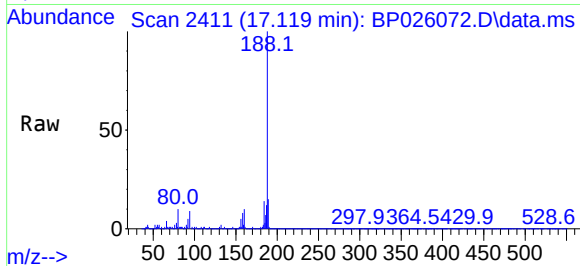




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

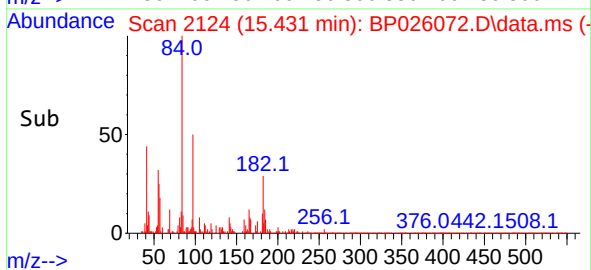
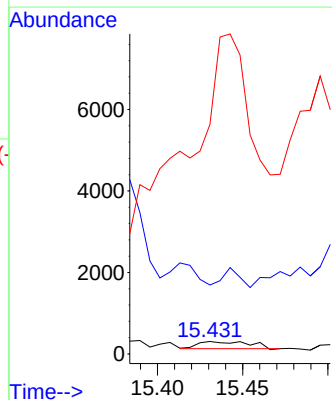
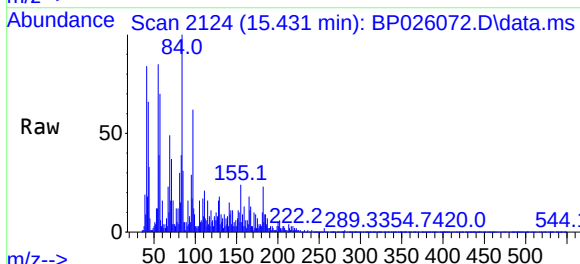
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

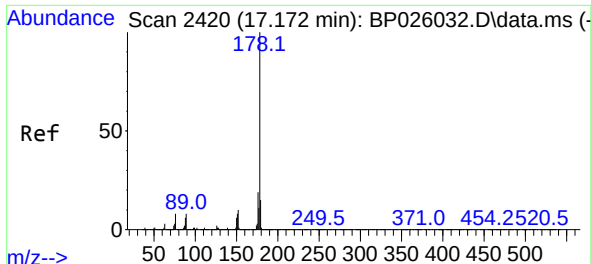
Tgt Ion:188 Resp: 2494870
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.1 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 2.016 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.023 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:198 Resp: 361
Ion Ratio Lower Upper
198 100
51 550.0 25.2 65.2#
105 1829.5 23.7 63.7#

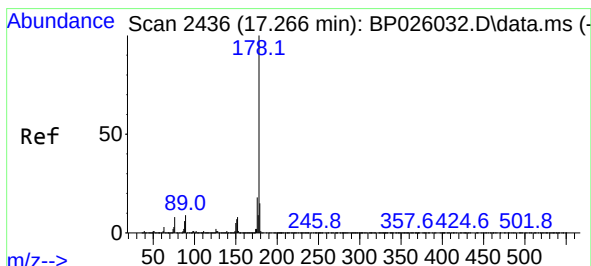
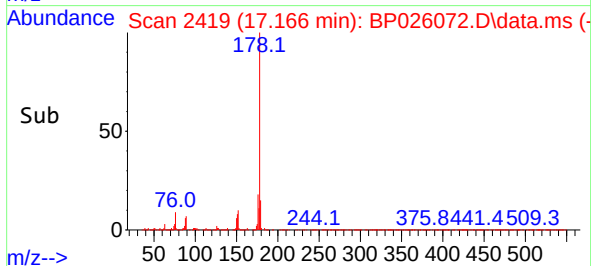
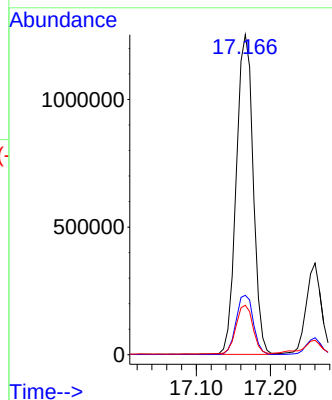
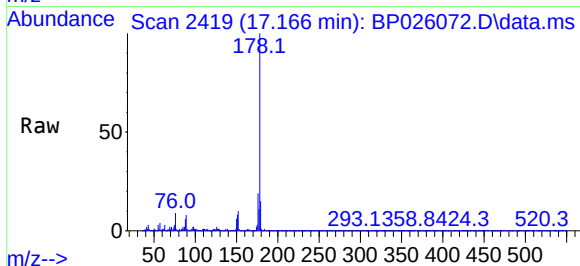




#71
Phenanthrene
Concen: 13.610 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

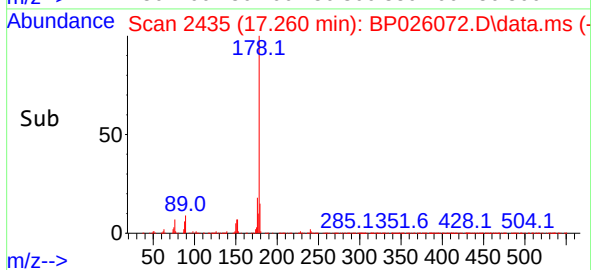
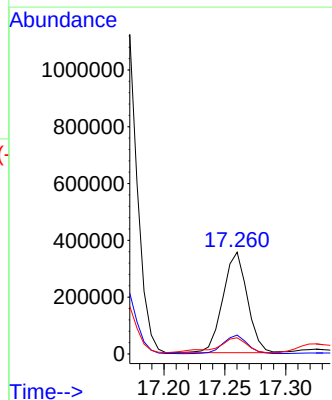
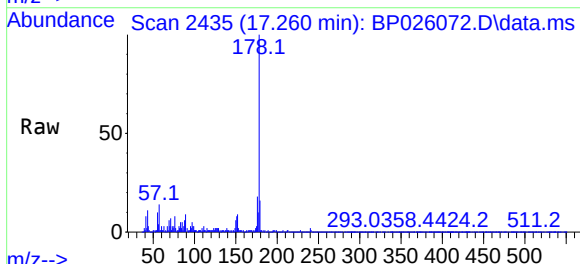
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

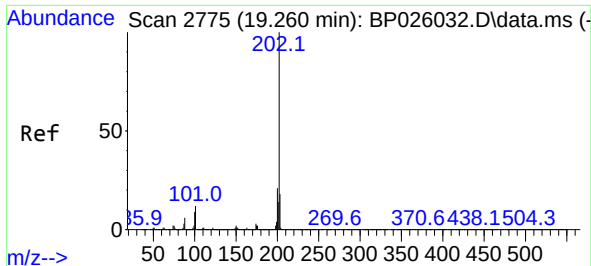
Tgt Ion:178 Resp: 1976375
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.5 12.3 18.5



#72
Anthracene
Concen: 3.429 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:178 Resp: 493551
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.8 12.2 18.4

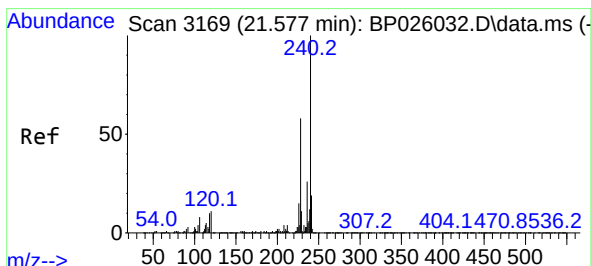
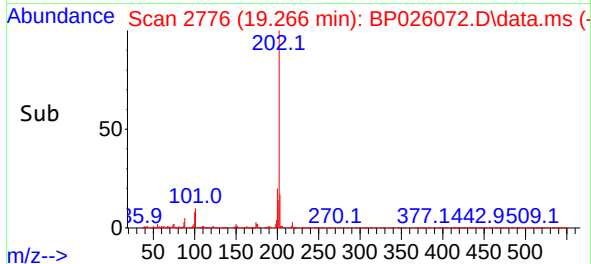
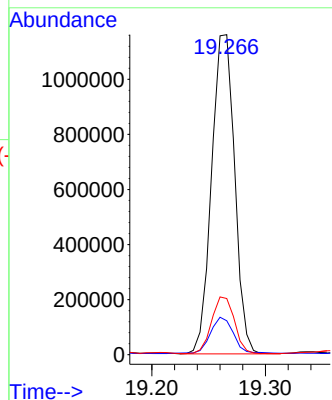
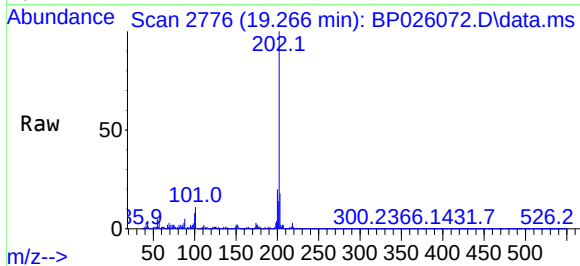




#75
Fluoranthene
Concen: 9.677 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

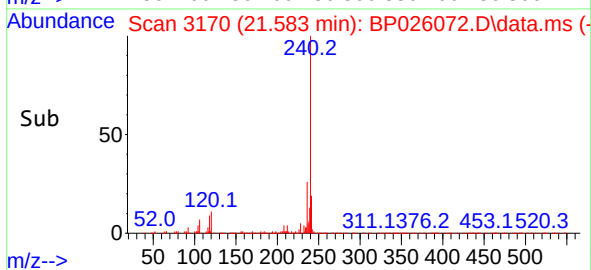
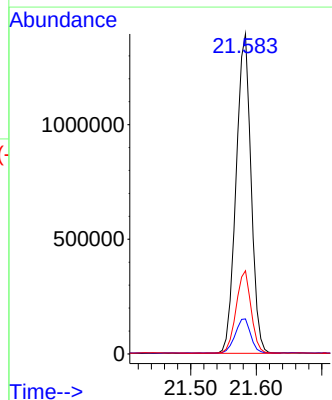
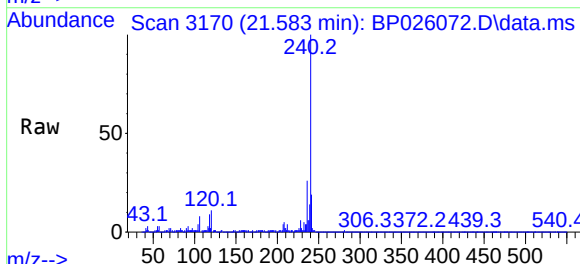
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

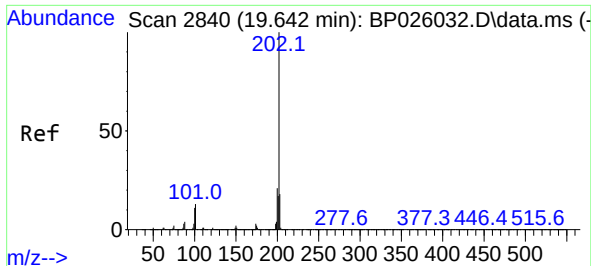
Tgt Ion:202 Resp: 1639236
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.1
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:240 Resp: 2212498
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.0 20.6 31.0

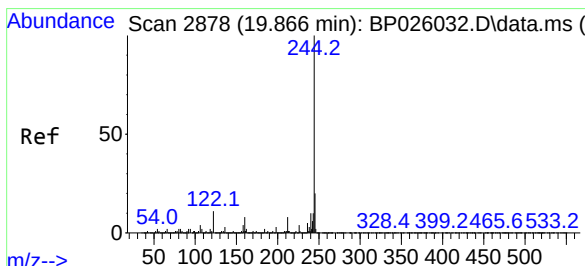
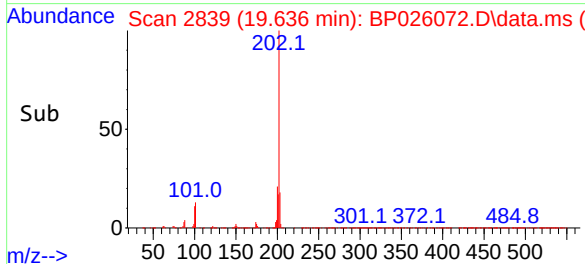
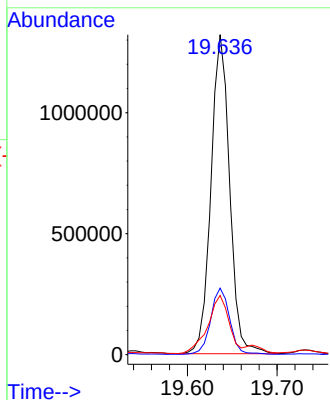
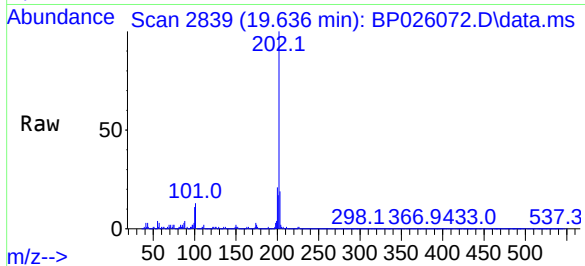




#78
Pyrene
Concen: 12.725 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

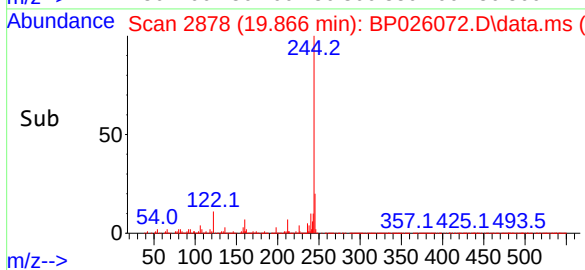
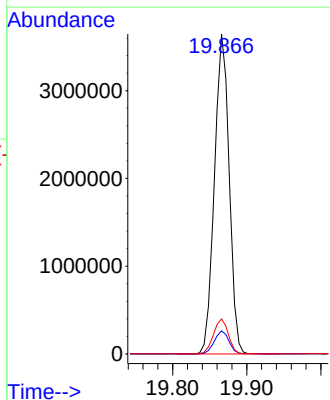
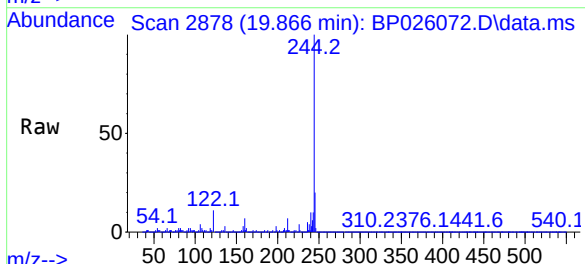
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

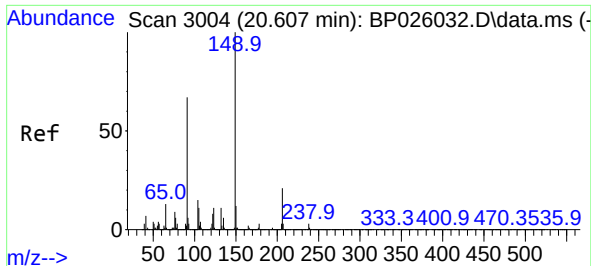
Tgt Ion:202 Resp: 1904232
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 18.5 14.0 21.0



#79
Terphenyl-d14
Concen: 46.124 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:244 Resp: 5022929
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.0 9.0 13.6

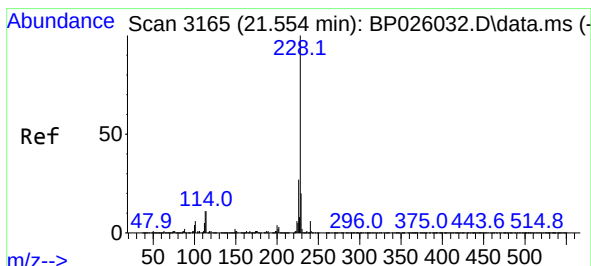
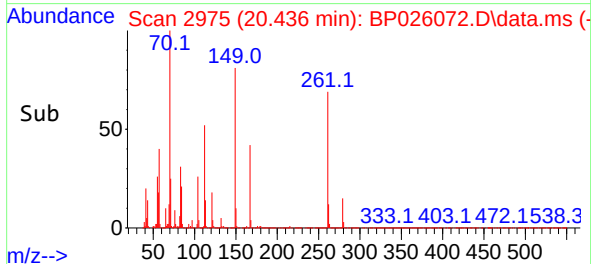
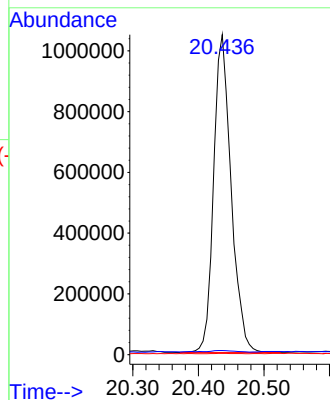
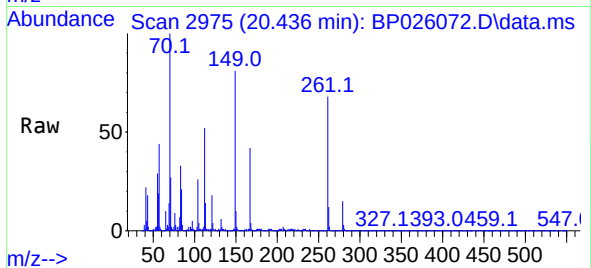




#80
Butylbenzylphthalate
Concen: 35.576 ng
RT: 20.436 min Scan# 2975
Delta R.T. -0.171 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

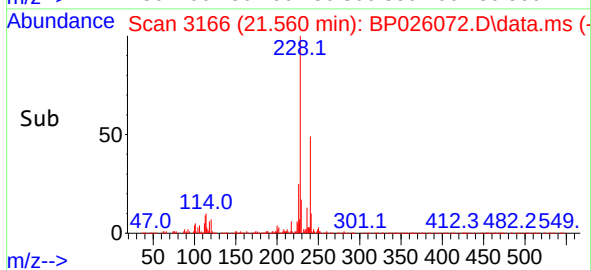
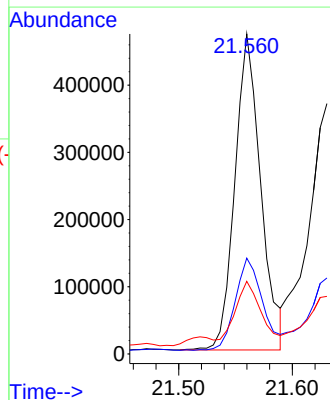
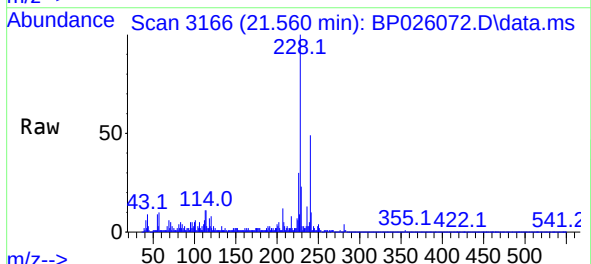
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

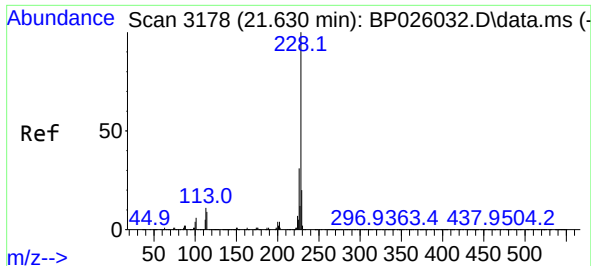
Tgt Ion:149 Resp: 1934754
Ion Ratio Lower Upper
149 100
91 1.3 53.5 80.3#
206 0.4 16.6 25.0#



#81
Benzo(a)anthracene
Concen: 4.885 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:228 Resp: 742693
Ion Ratio Lower Upper
228 100
226 30.0 21.7 32.5
229 22.7 15.8 23.8



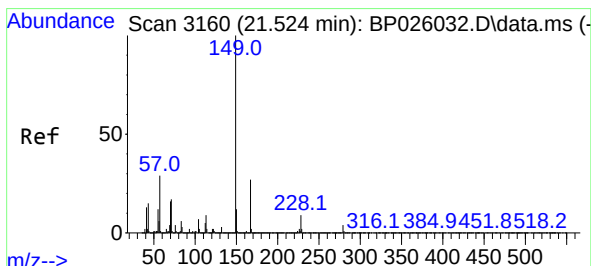
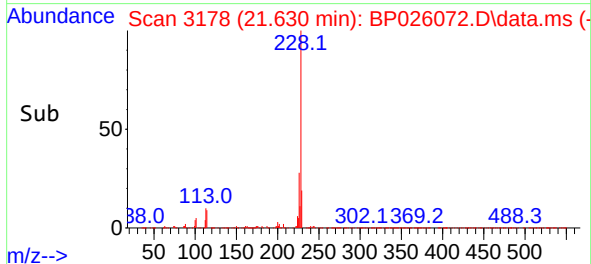
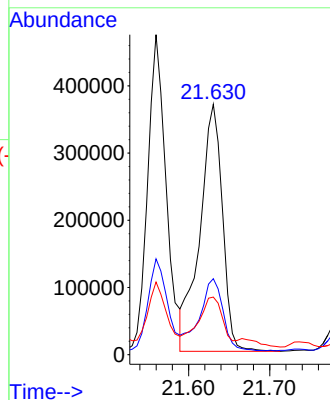
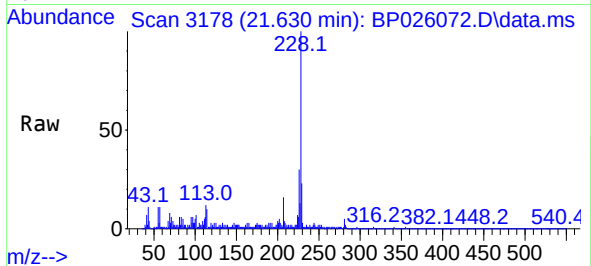


#83
Chrysene
Concen: 4.970 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:228 Resp: 715797

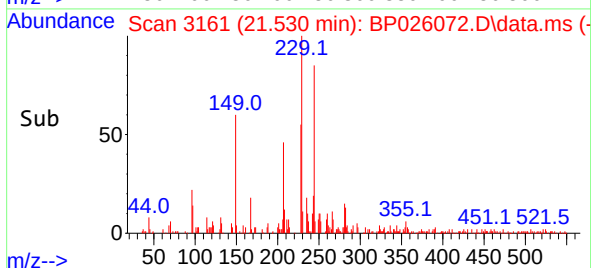
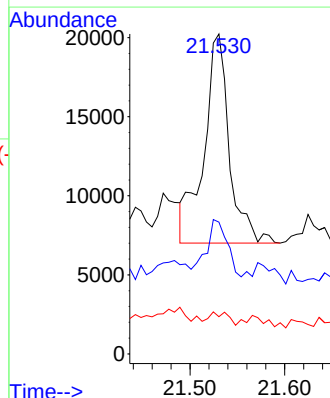
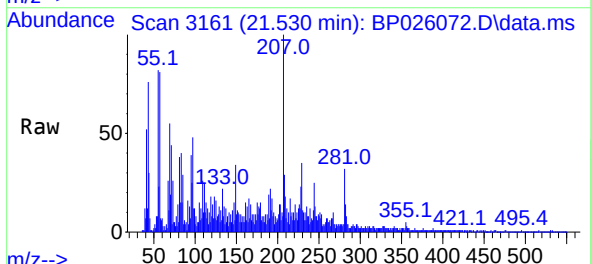
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	23.0	16.0	24.0

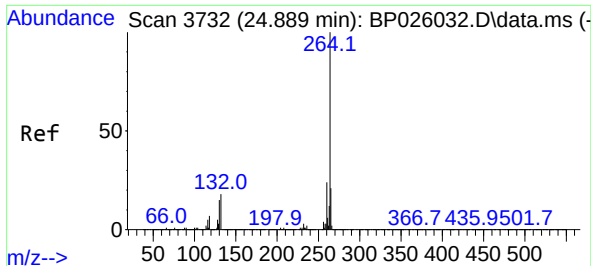


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.859 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:149 Resp: 24684

Ion	Ratio	Lower	Upper
149	100		
167	41.2	21.5	32.3#
279	11.6	3.0	4.6#

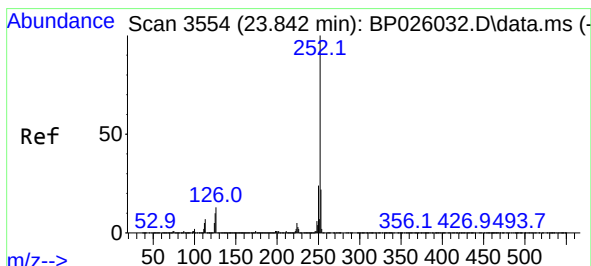
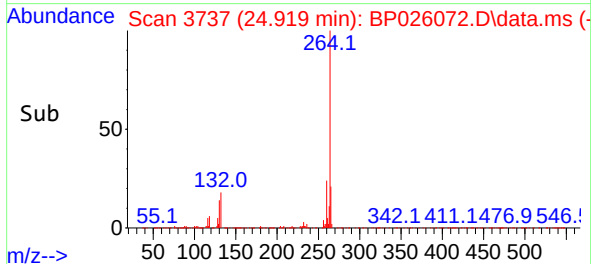
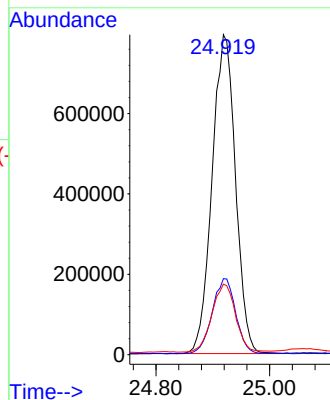
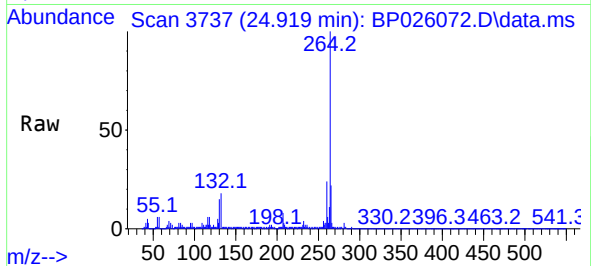




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.919 min Scan# 31
Delta R.T. 0.036 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

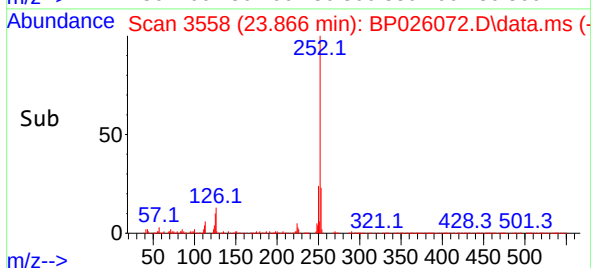
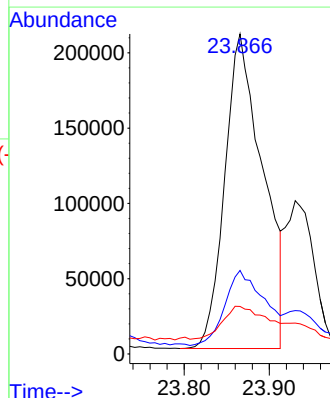
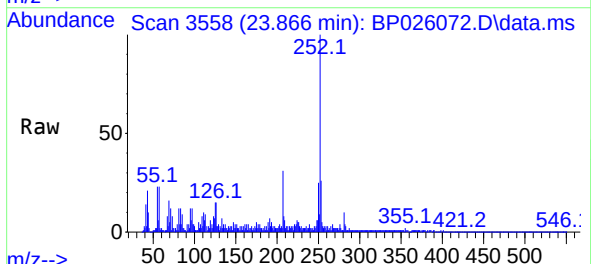
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

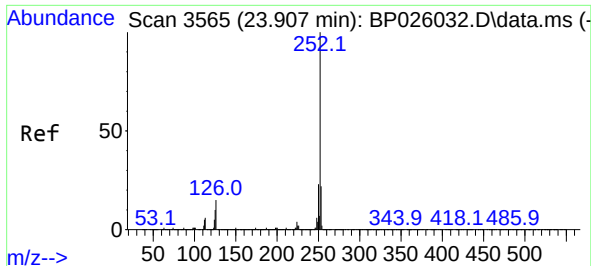
Tgt Ion:264 Resp: 2270404
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.595 ng
RT: 23.866 min Scan# 3558
Delta R.T. 0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:252 Resp: 647673
Ion Ratio Lower Upper
252 100
253 26.1 17.6 26.4
125 14.8 8.1 12.1#

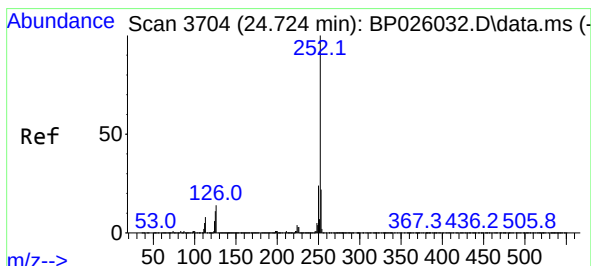
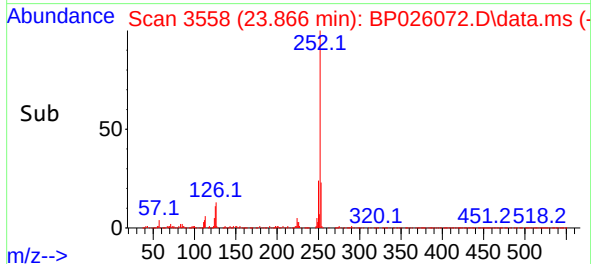
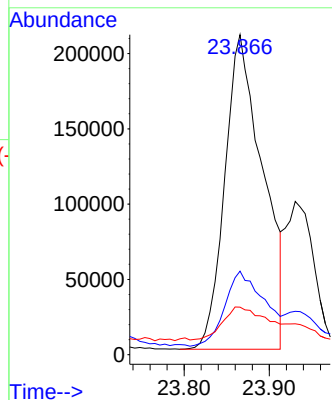
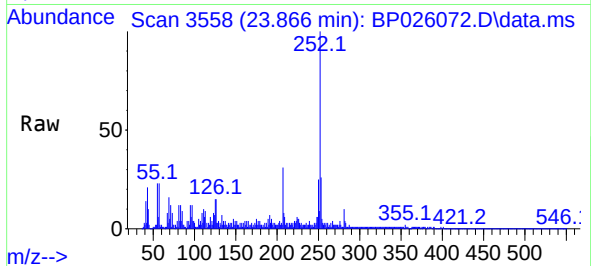




#89
Benzo(k)fluoranthene
Concen: 4.500 ng
RT: 23.866 min Scan# 311
Delta R.T. -0.058 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

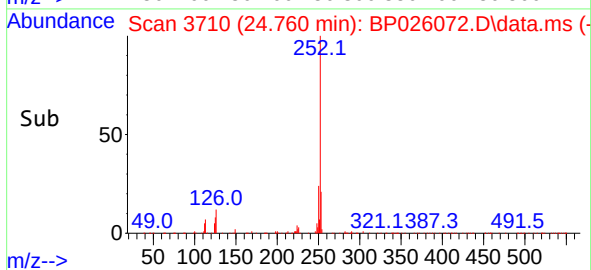
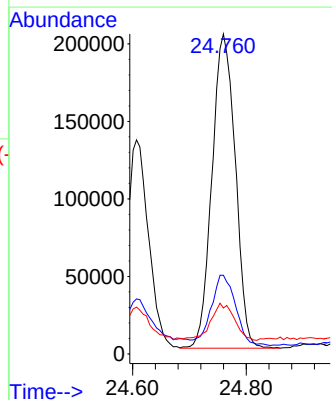
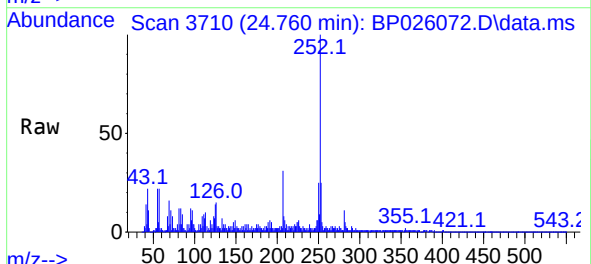
Instrument :
BNA_P
ClientSampleId :
HD-01-103125

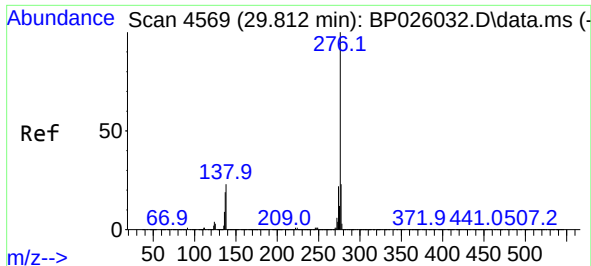
Tgt Ion:252 Resp: 647673
Ion Ratio Lower Upper
252 100
253 26.1 17.5 26.3
125 14.8 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 4.466 ng
RT: 24.760 min Scan# 3710
Delta R.T. 0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

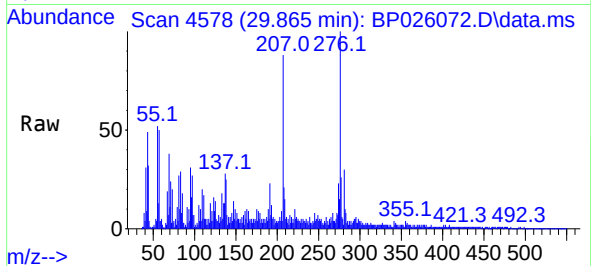
Tgt Ion:252 Resp: 578269
Ion Ratio Lower Upper
252 100
253 24.6 17.3 25.9
125 14.3 9.1 13.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.488 ng
 RT: 29.865 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: BP026072.D
 Acq: 04 Nov 2025 15:53

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-103125



Tgt Ion:276 Resp: 326591

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.5	27.7
138	24.5	18.1	27.1

