

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026051.D
 Acq On : 30 Oct 2025 21:11
 Operator : RC/JU
 Sample : Q3466-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B7-1.0-2.0-20251023

Quant Time: Oct 31 02:17:22 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)

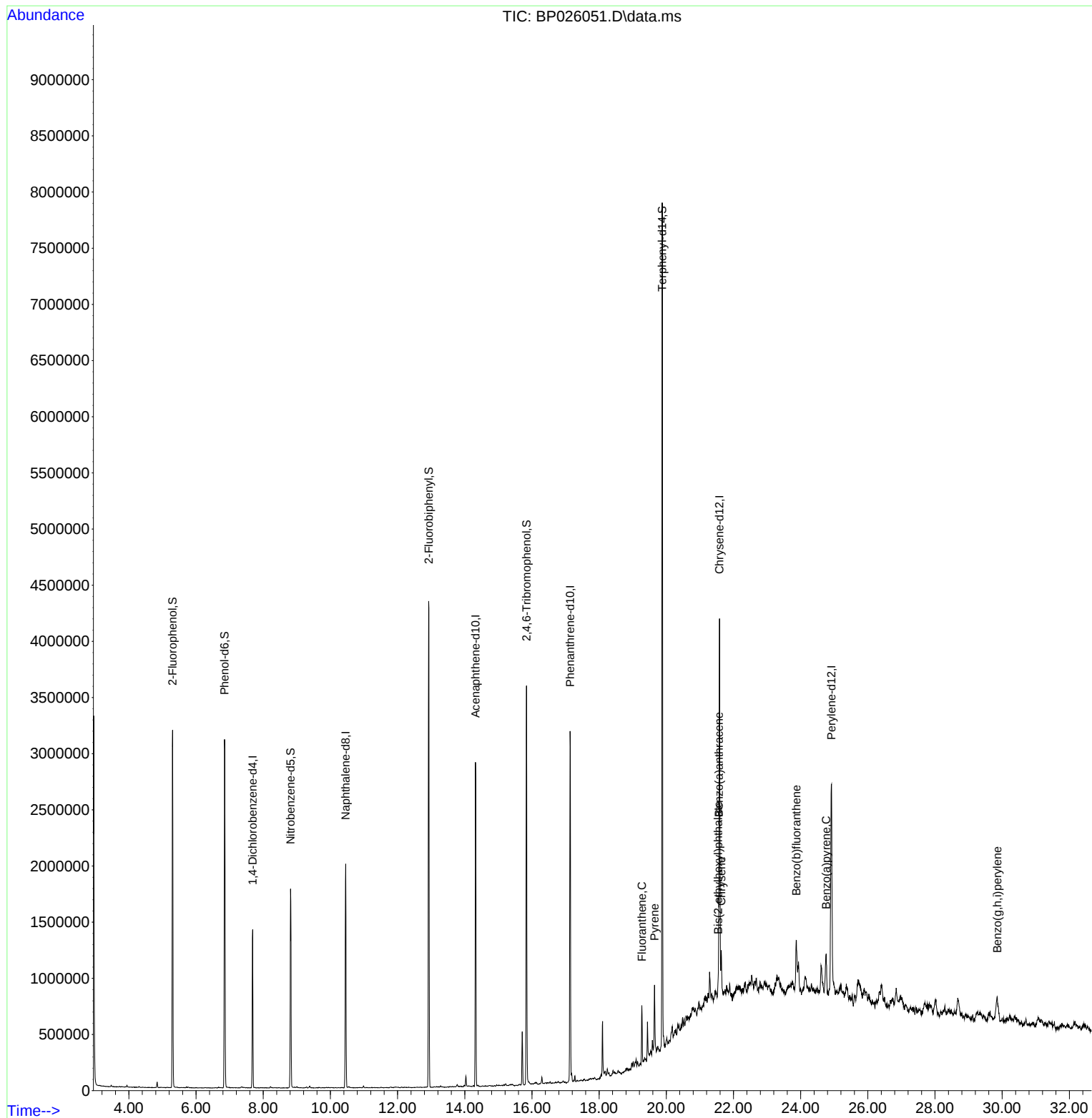
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	374852	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1574285	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	1003733	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	2090155	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1916756	20.000	ng	0.02
86) Perylene-d12	24.918	264	1966081	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	1428503	62.883	ng	0.00
7) Phenol-d6	6.849	99	1860557	64.347	ng	0.00
23) Nitrobenzene-d5	8.813	82	981703	38.874	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	655937	60.448	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2308607	33.050	ng	0.00
79) Terphenyl-d14	19.878	244	3754937	39.801	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.272	202	341015	2.403	ng	99
78) Pyrene	19.648	202	440794	3.400	ng	98
81) Benzo(a)anthracene	21.566	228	333231	2.530	ng	95
83) Chrysene	21.636	228	350457	2.809	ng	98
84) Bis(2-ethylhexyl)phtha...	21.542	149	58759	3.317	ng	# 93
88) Benzo(b)fluoranthene	23.871	252	511476	4.191	ng	# 95
90) Benzo(a)pyrene	24.760	252	396184	3.533	ng	# 95
92) Benzo(g,h,i)perylene	29.853	276	301510	2.653	ng	96

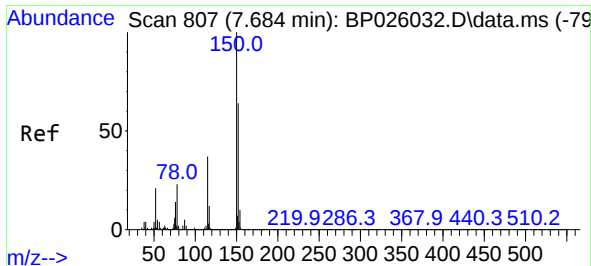
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B7-1.0-2.0-20251023

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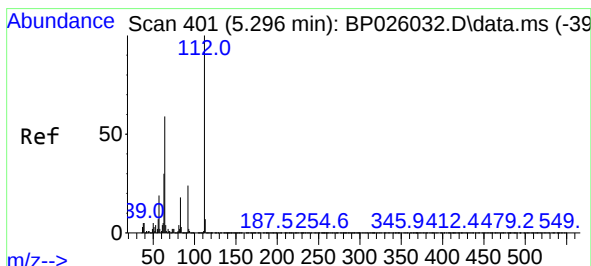
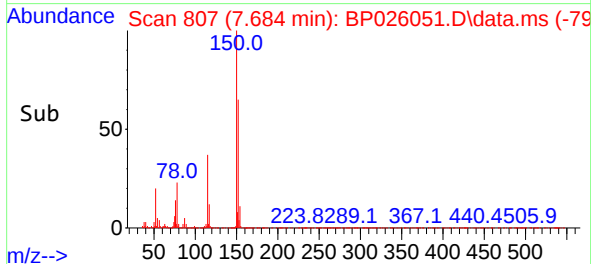
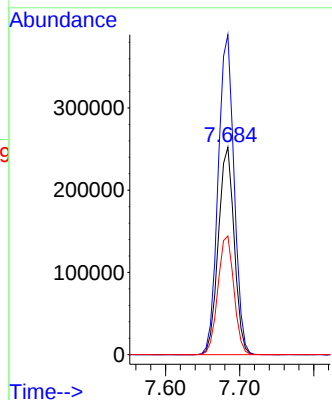
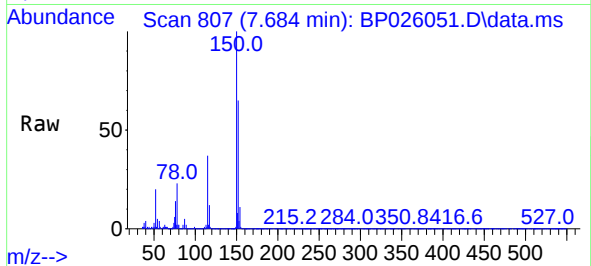




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

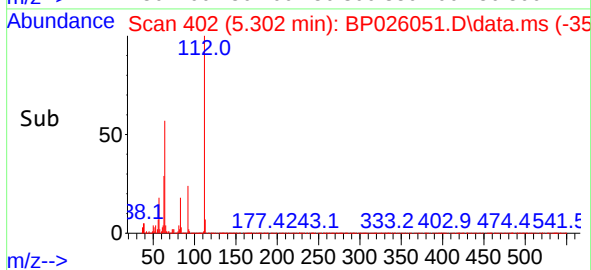
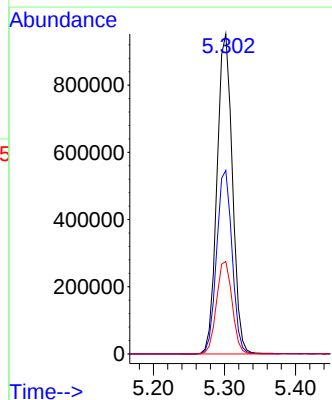
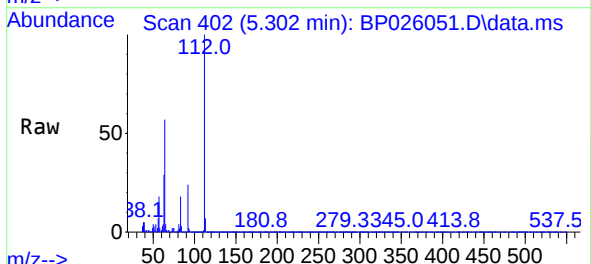
Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

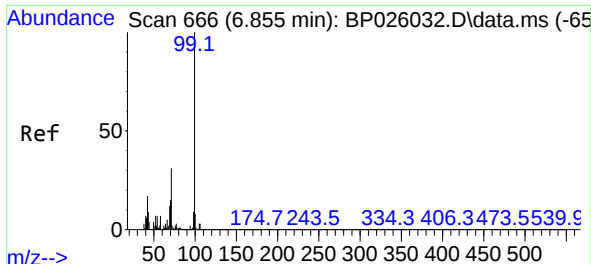
Tgt Ion:152 Resp: 374852
Ion Ratio Lower Upper
152 100
150 154.2 125.7 188.5
115 57.2 46.4 69.6



#5
2-Fluorophenol
Concen: 62.883 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:112 Resp: 1428503
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 28.9 24.2 36.4

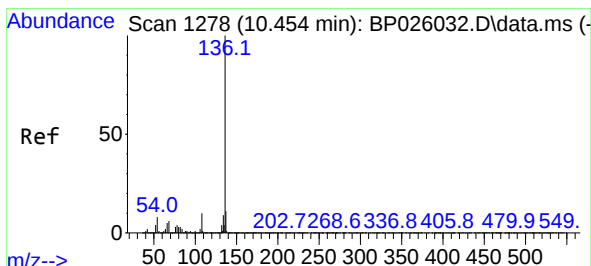
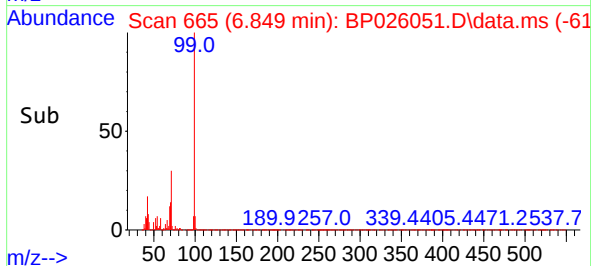
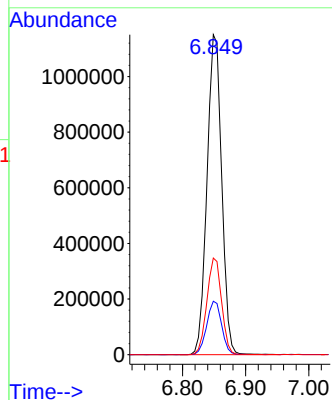
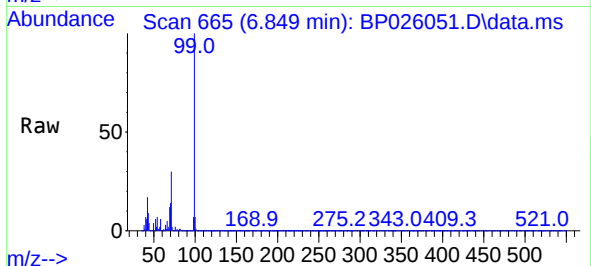




#7
Phenol-d6
Concen: 64.347 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

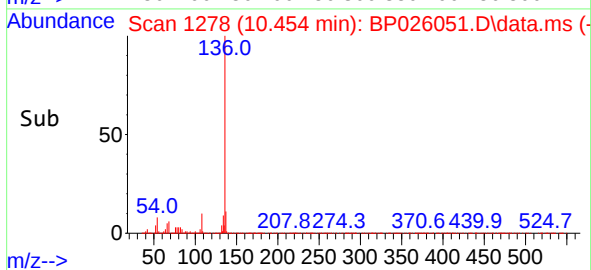
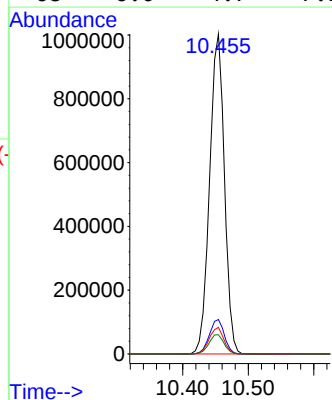
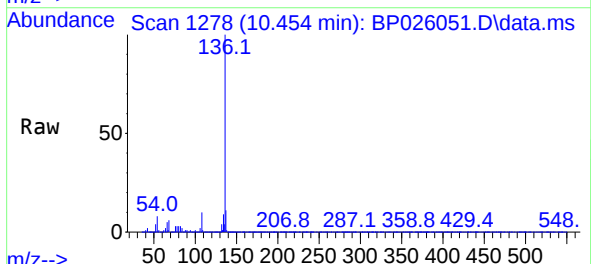
Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

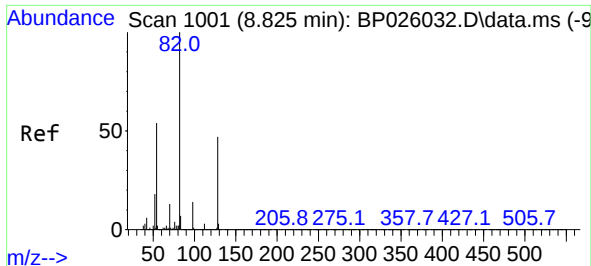
Tgt Ion: 99 Resp: 1860557
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 30.2 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion: 136 Resp: 1574285
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.3 6.6 10.0
68 6.0 4.7 7.1

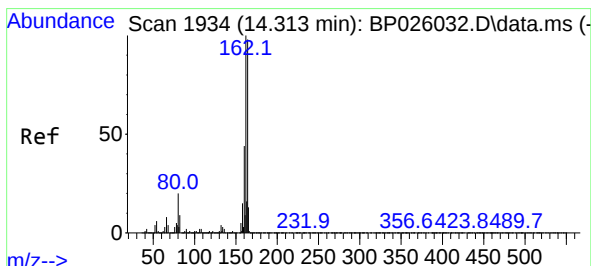
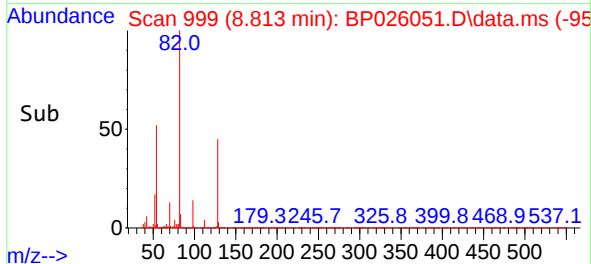
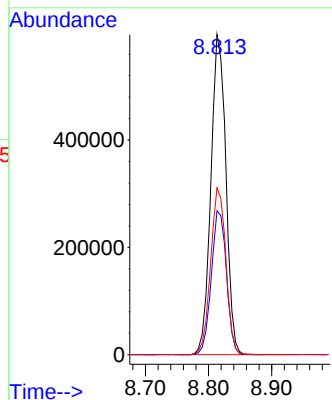
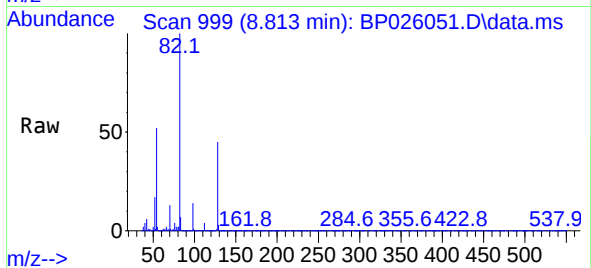




#23
Nitrobenzene-d5
Concen: 38.874 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

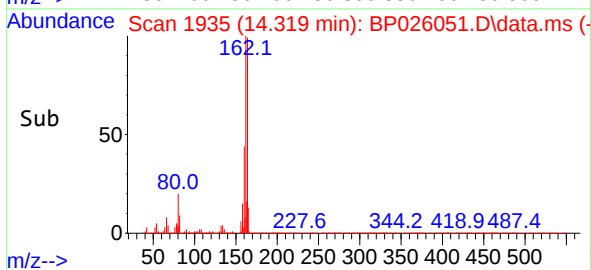
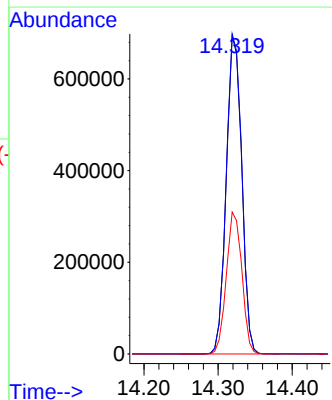
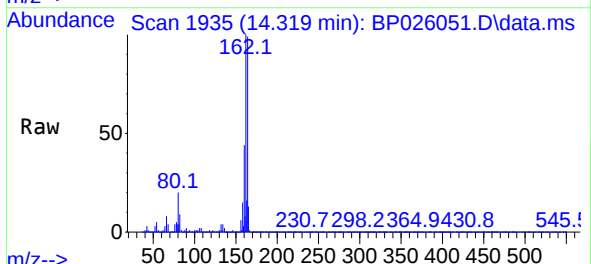
Instrument :
BNA_P
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B7-1.0-2.0-20251023

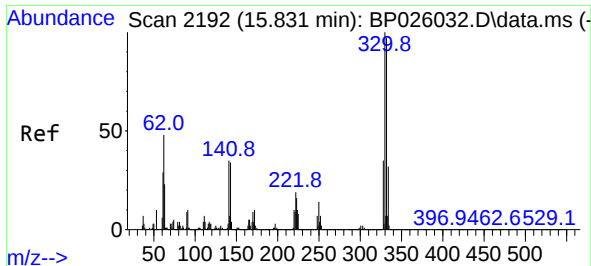
Tgt Ion: 82 Resp: 981703
Ion Ratio Lower Upper
82 100
128 45.0 37.4 56.0
54 52.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion: 164 Resp: 1003733
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.6 36.2 54.4

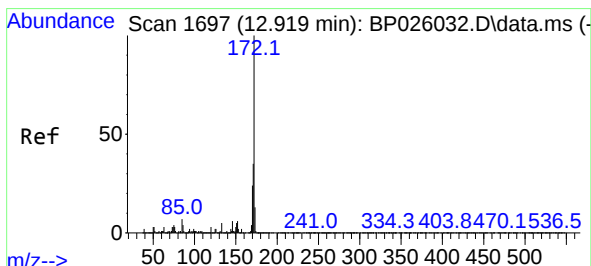
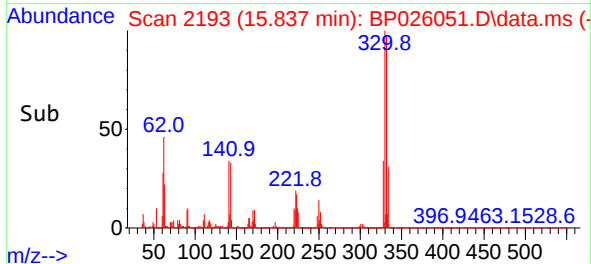
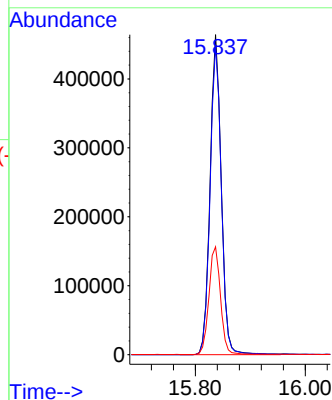
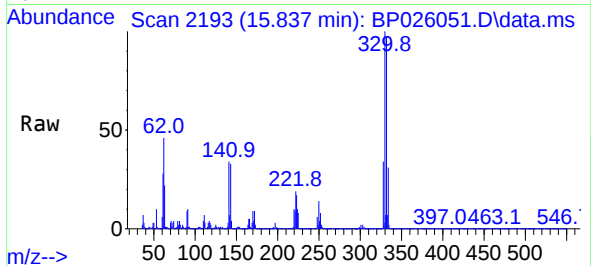




#42
2,4,6-Tribromophenol
Concen: 60.448 ng
RT: 15.837 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

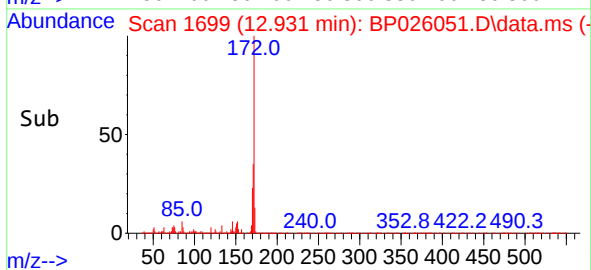
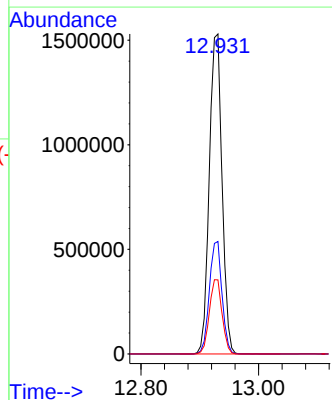
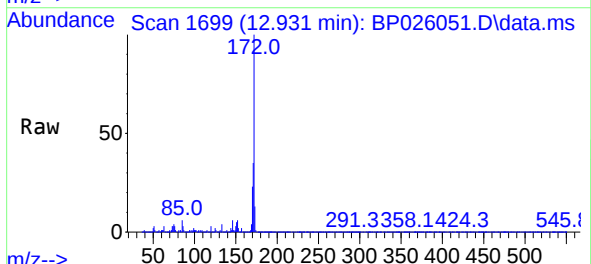
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B7-1.0-2.0-20251023

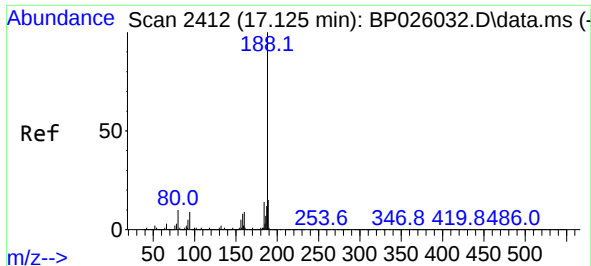
Tgt Ion:330 Resp: 655937
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 34.8 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 33.050 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:172 Resp: 2308607
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.2 19.0 28.4

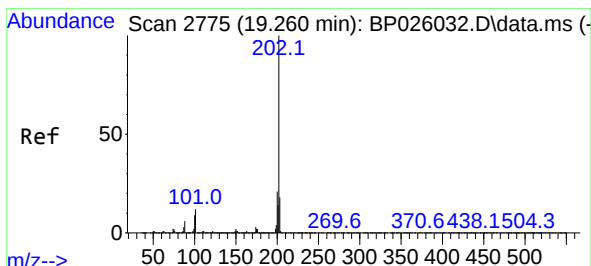
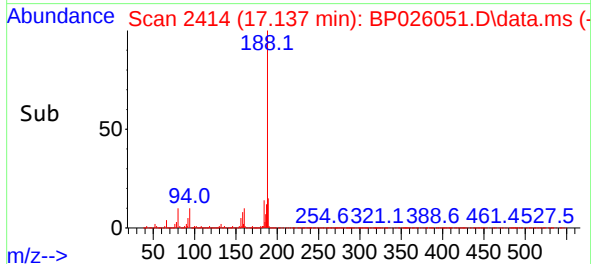
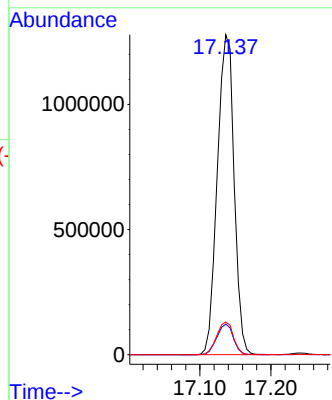
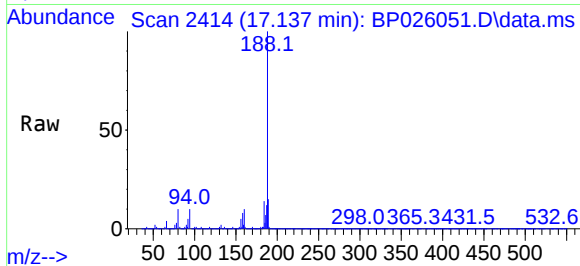




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

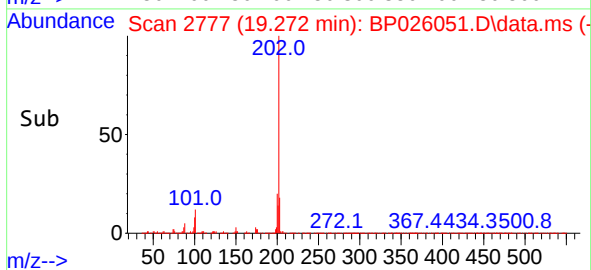
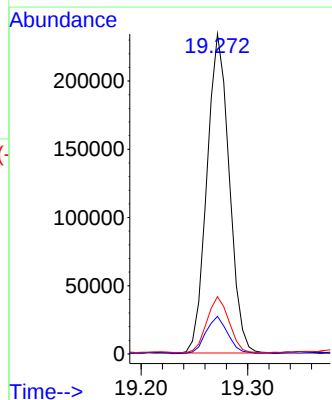
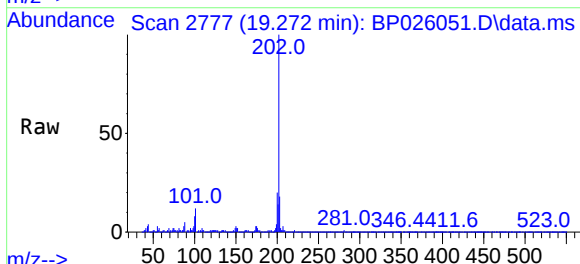
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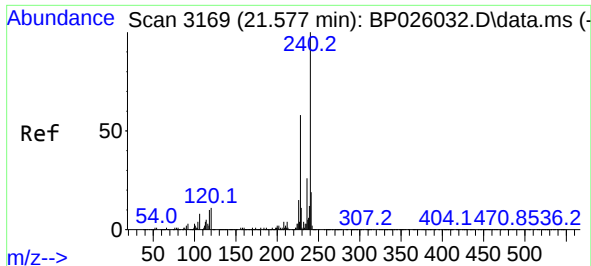
Tgt Ion:188 Resp: 2090155
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.3 7.9 11.9



#75
Fluoranthene
Concen: 2.403 ng
RT: 19.272 min Scan# 2777
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:202 Resp: 341015
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.1
203 17.9 0.0 37.6

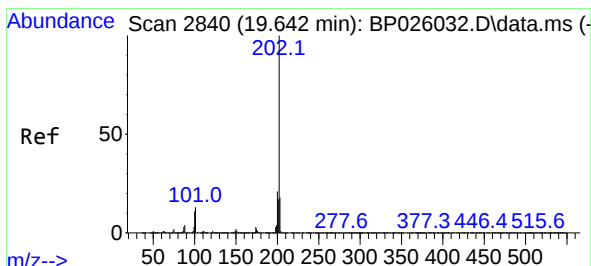
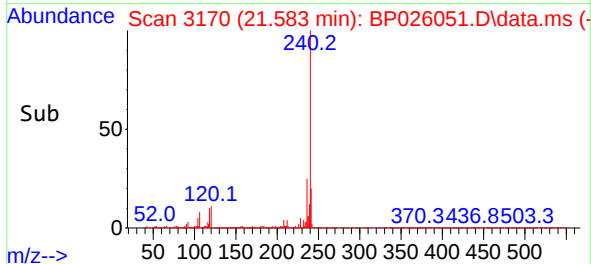
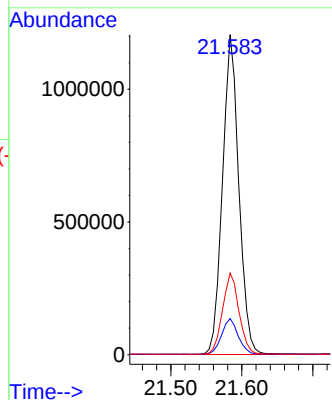
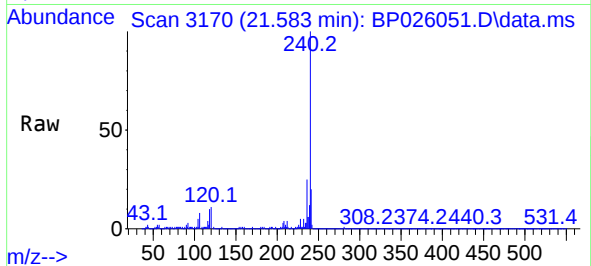




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3169
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

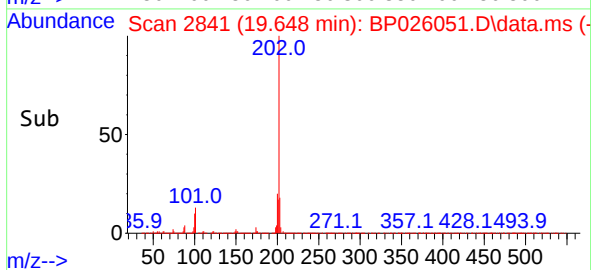
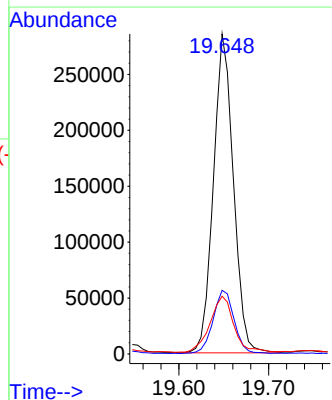
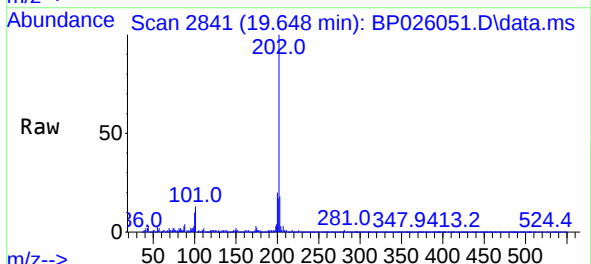
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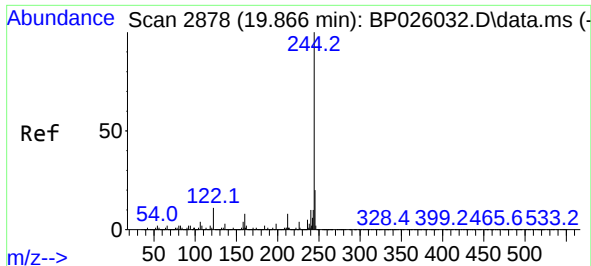
Tgt Ion:240 Resp: 1916756
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.5 20.6 31.0



#78
Pyrene
Concen: 3.400 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:202 Resp: 440794
Ion Ratio Lower Upper
202 100
200 19.9 16.6 25.0
203 18.0 14.0 21.0

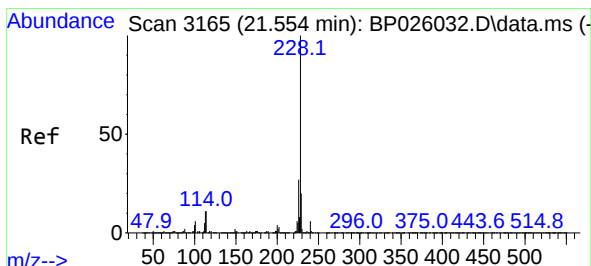
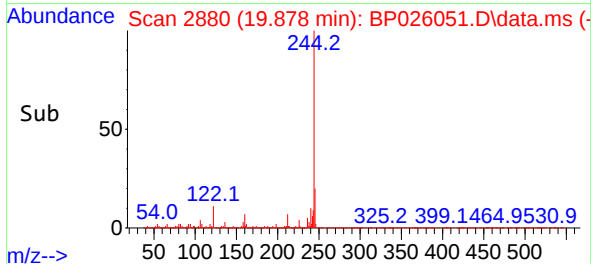
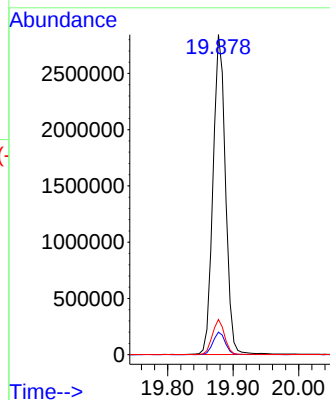
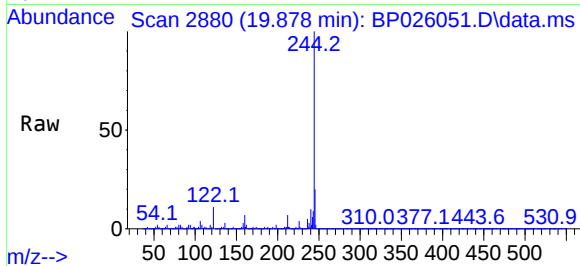




#79
 Terphenyl-d14
 Concen: 39.801 ng
 RT: 19.878 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP026051.D
 Acq: 30 Oct 2025 21:11

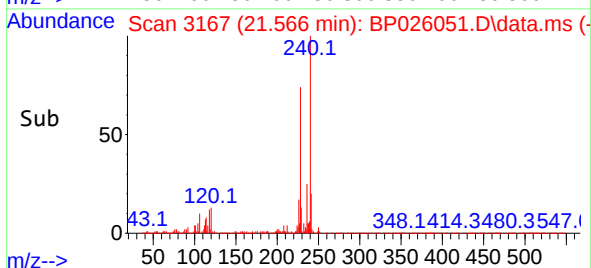
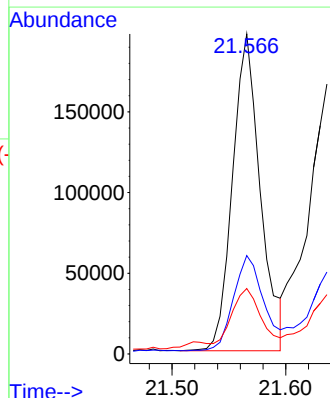
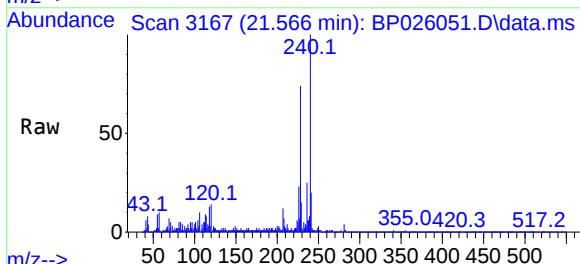
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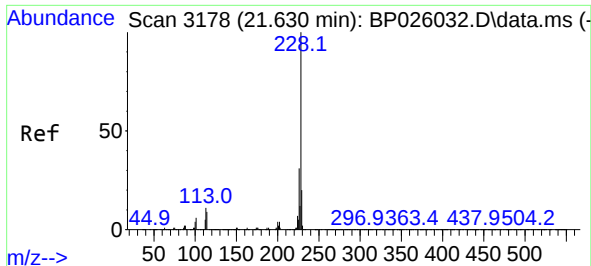
Tgt Ion:244 Resp: 3754937
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.0 9.0 13.6



#81
 Benzo(a)anthracene
 Concen: 2.530 ng
 RT: 21.566 min Scan# 3167
 Delta R.T. 0.018 min
 Lab File: BP026051.D
 Acq: 30 Oct 2025 21:11

Tgt Ion:228 Resp: 333231
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.7 32.5
 229 20.4 15.8 23.8

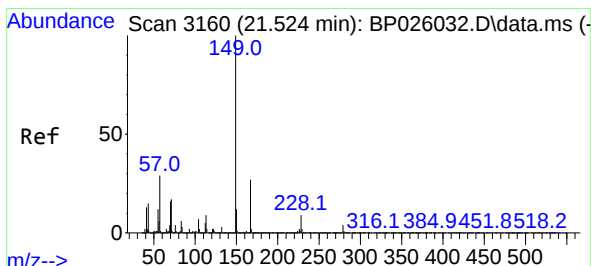
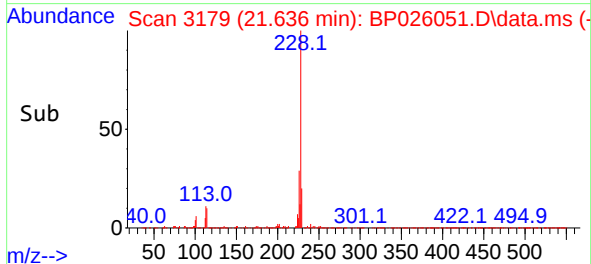
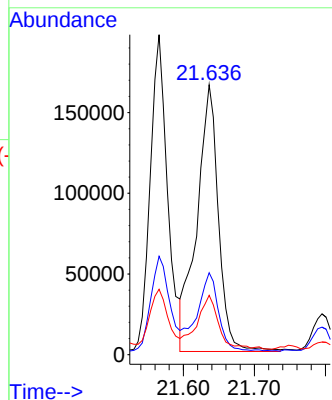
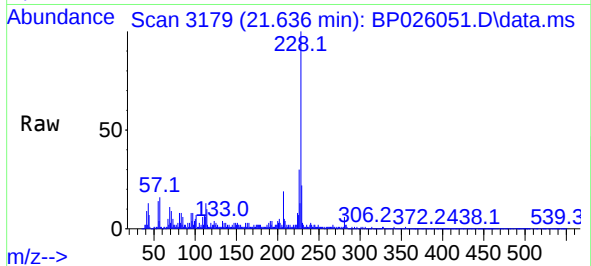




#83
Chrysene
Concen: 2.809 ng
RT: 21.636 min Scan# 3178
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

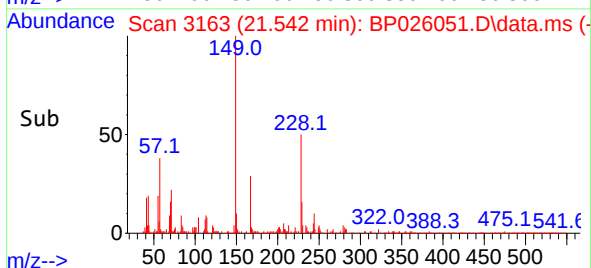
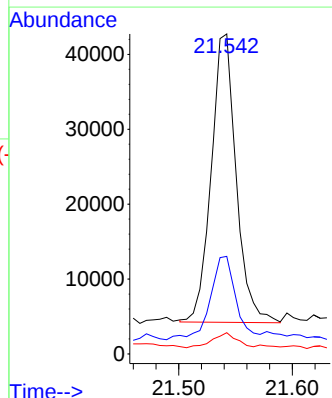
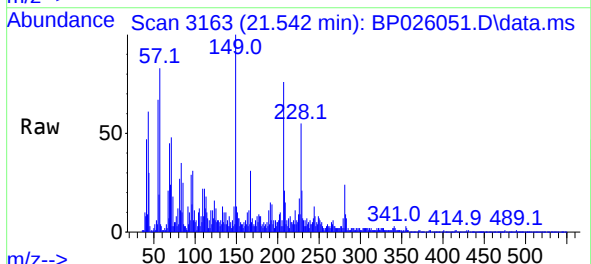
Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

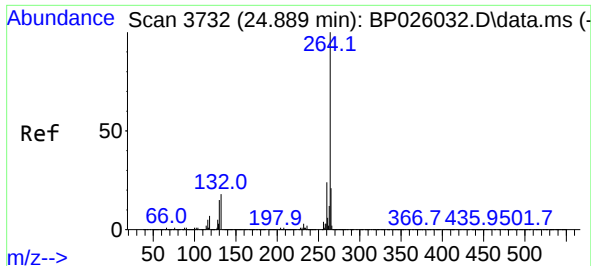
Tgt Ion:228 Resp: 350457
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.317 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:149 Resp: 58759
Ion Ratio Lower Upper
149 100
167 30.5 21.5 32.3
279 6.6 3.0 4.6



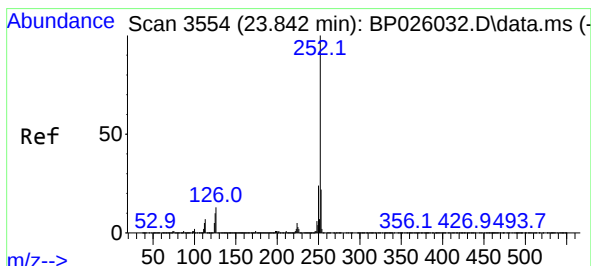
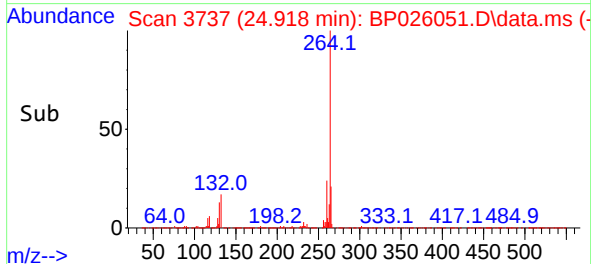
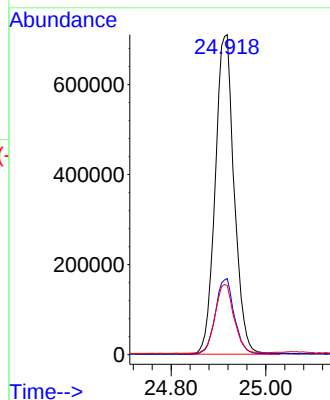
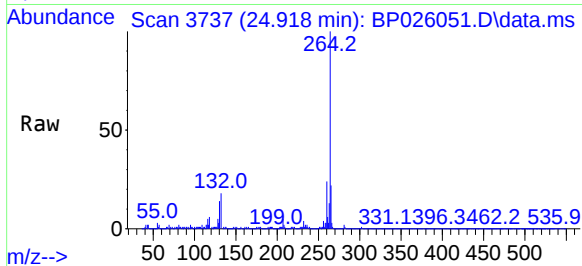


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 31
Delta R.T. 0.036 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:264 Resp: 1966081

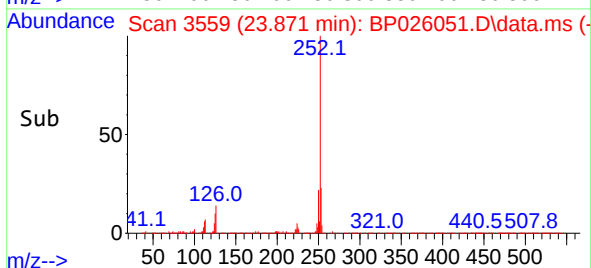
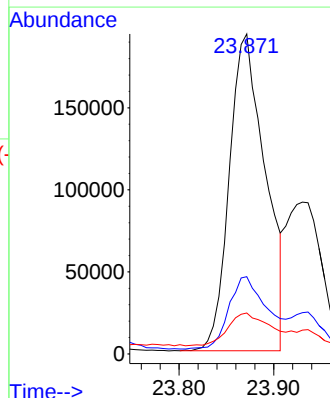
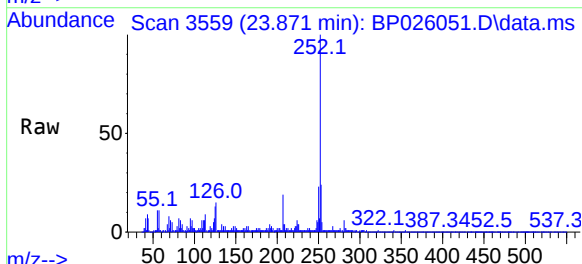
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.6	17.2	25.8

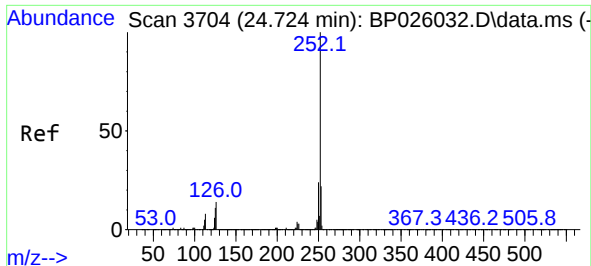


#88
Benzo(b)fluoranthene
Concen: 4.191 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:252 Resp: 511476

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	12.8	8.1	12.1

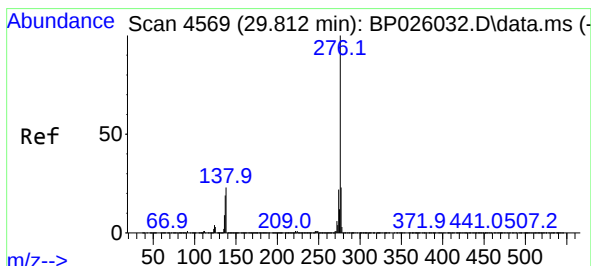
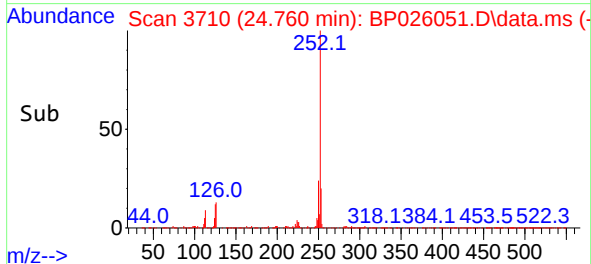
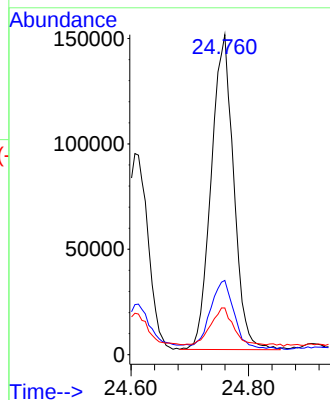
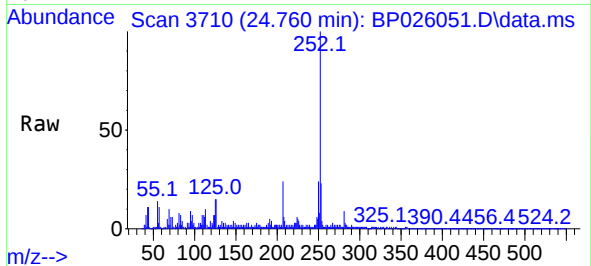




#90
Benzo(a)pyrene
Concen: 3.533 ng
RT: 24.760 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:252 Resp: 396184
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 14.6 9.1 13.7#



#92
Benzo(g,h,i)perylene
Concen: 2.653 ng
RT: 29.853 min Scan# 4576
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:276 Resp: 301510
Ion Ratio Lower Upper
276 100
277 24.3 18.5 27.7
138 24.9 18.1 27.1

