

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
 Data File : BP026139.D
 Acq On : 14 Nov 2025 13:52
 Operator : RC/JU
 Sample : Q3631-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-208

Quant Time: Nov 14 14:13:26 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)

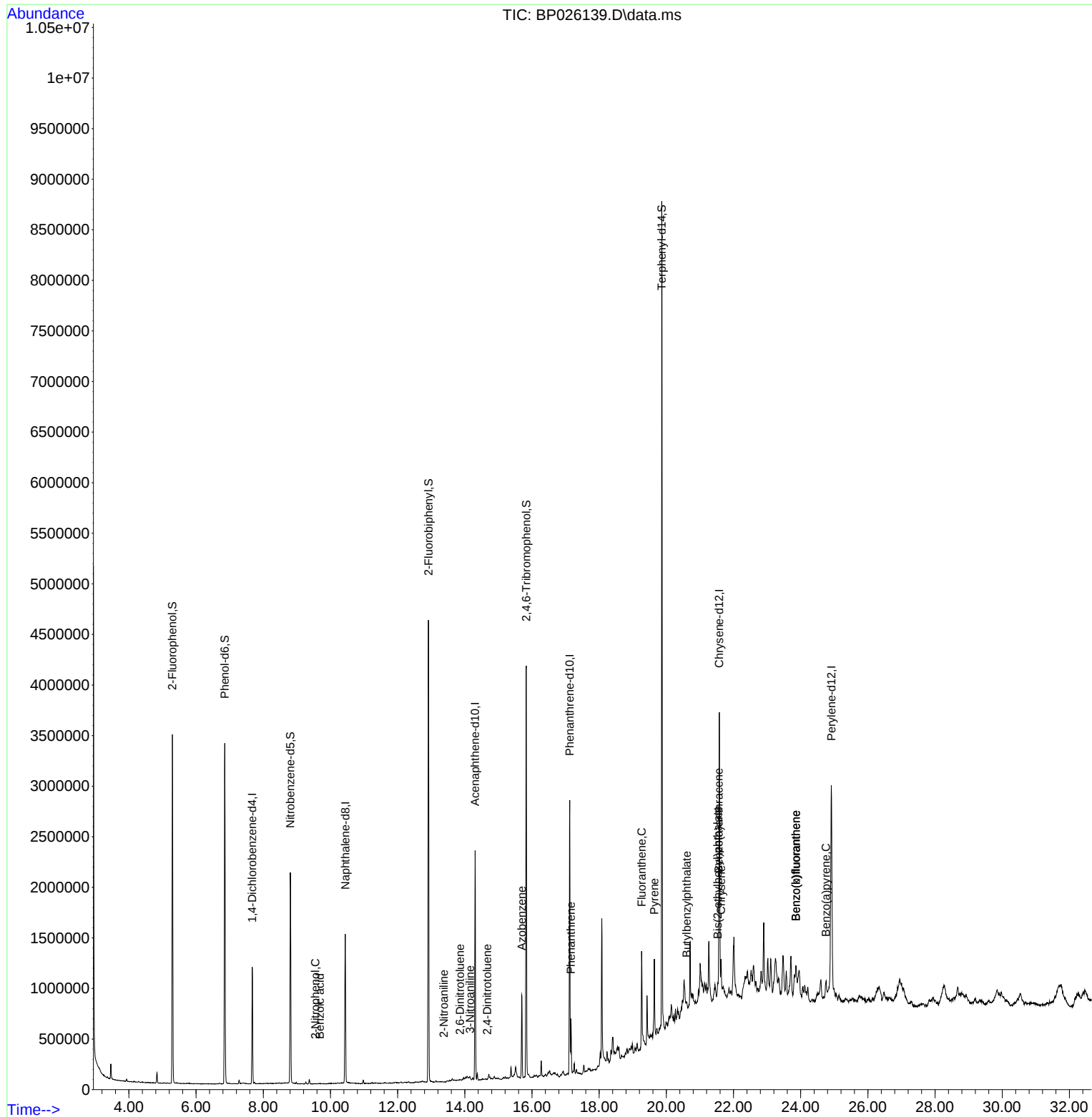
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	318601	20.000	ng	-0.02
21) Naphthalene-d8	10.442	136	1241424	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	765686	20.000	ng	-0.01
64) Phenanthrene-d10	17.124	188	1546246	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1590403	20.000	ng	0.01
86) Perylene-d12	24.912	264	1828354	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1556691	80.624	ng	0.00
7) Phenol-d6	6.854	99	1953579	79.494	ng	0.00
23) Nitrobenzene-d5	8.807	82	1136760	57.084	ng	-0.02
42) 2,4,6-Tribromophenol	15.830	330	760517	91.874	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2498684	46.892	ng	-0.01
79) Terphenyl-d14	19.865	244	3711942	47.419	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.554	139	104	2.690	ng	# 1
32) Benzoic acid	9.684	122	1347	3.277	ng	91
48) 2-Nitroaniline	13.372	65	402	2.942	ng	# 87
51) 2,6-Dinitrotoluene	13.860	165	453	3.032	ng	# 45
53) 3-Nitroaniline	14.160	138	490	2.674	ng	# 48
57) 2,4-Dinitrotoluene	14.672	165	313	3.106	ng	# 63
63) Azobenzene	15.695	77	251338	4.953	ng	# 1
71) Phenanthrene	17.160	178	351729	3.908	ng	99
75) Fluoranthene	19.265	202	609718	5.808	ng	99
78) Pyrene	19.642	202	503818	4.684	ng	99
80) Butylbenzylphthalate	20.607	149	4522	3.502	ng	# 69
81) Benzo(a)anthracene	21.559	228	241057	2.206	ng	98
83) Chrysene	21.630	228	265309	2.563	ng	98
84) Bis(2-ethylhexyl)phtha...	21.530	149	57712	3.449	ng	# 96
88) Benzo(b)fluoranthene	23.859	252	342366	3.016	ng	# 94
89) Benzo(k)fluoranthene	23.859	252	342366	2.954	ng	# 94
90) Benzo(a)pyrene	24.753	252	226675	2.174	ng	94

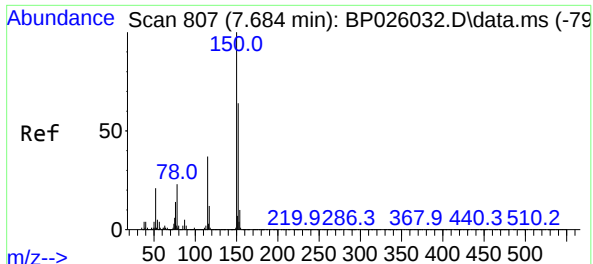
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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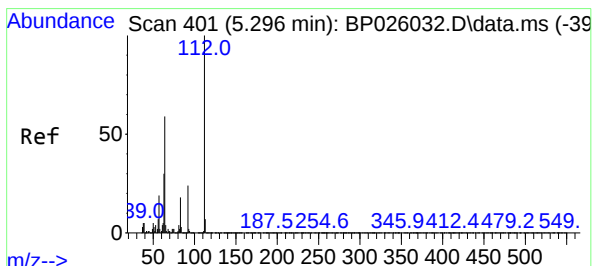
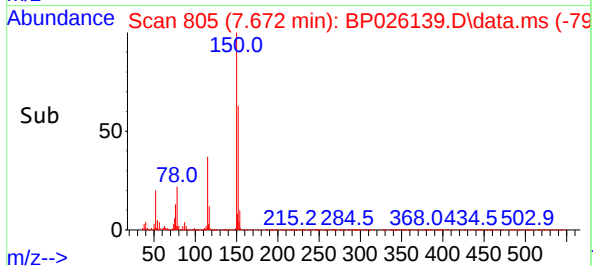
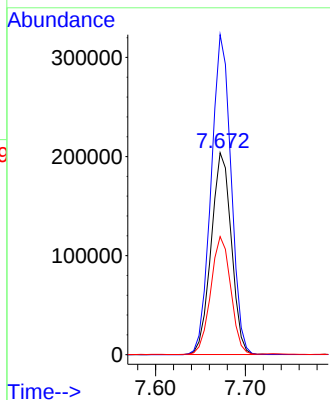
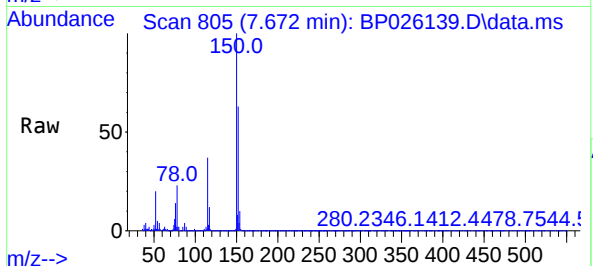




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

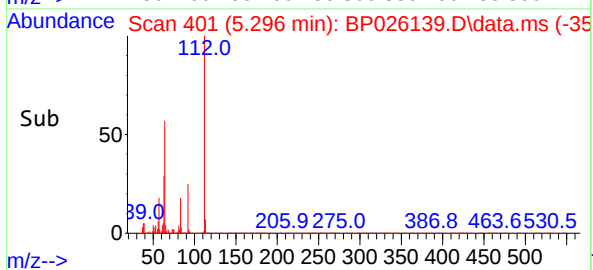
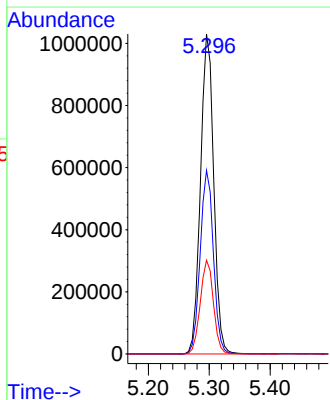
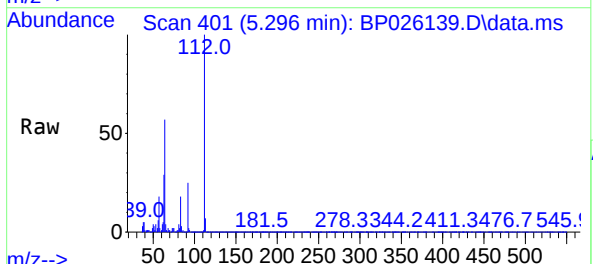
Instrument :
BNA_P
ClientSampleId :
VNJ-208

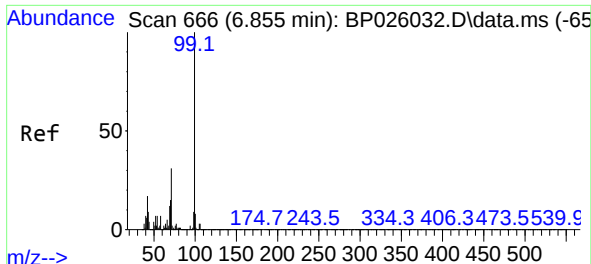
Tgt Ion:152 Resp: 318601
Ion Ratio Lower Upper
152 100
150 158.5 125.7 188.5
115 58.4 46.4 69.6



#5
2-Fluorophenol
Concen: 80.624 ng
RT: 5.296 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:112 Resp: 1556691
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.2
63 29.3 24.2 36.4

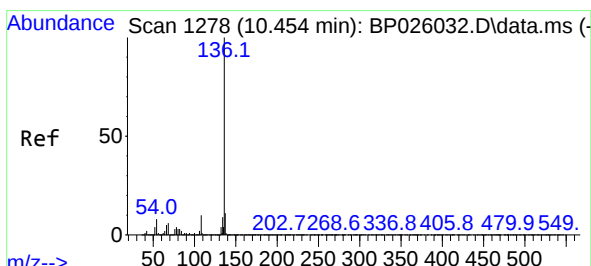
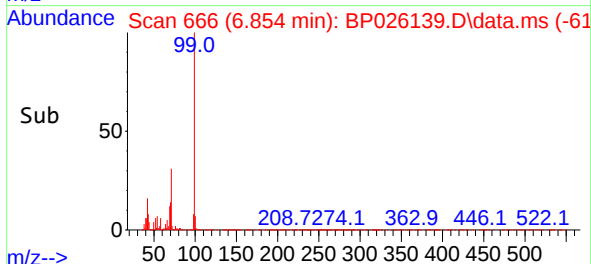
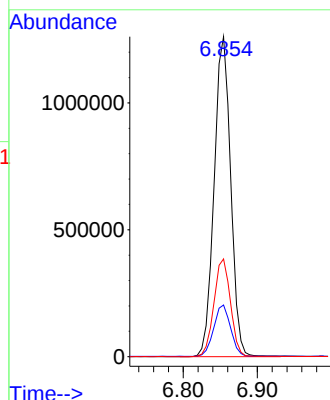
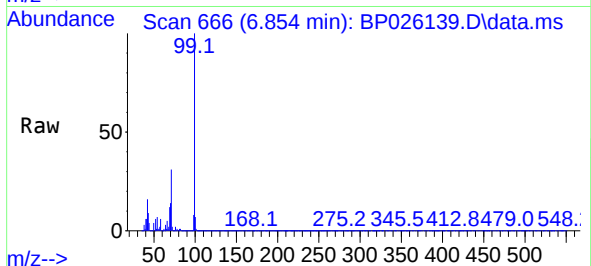




#7
Phenol-d6
Concen: 79.494 ng
RT: 6.854 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

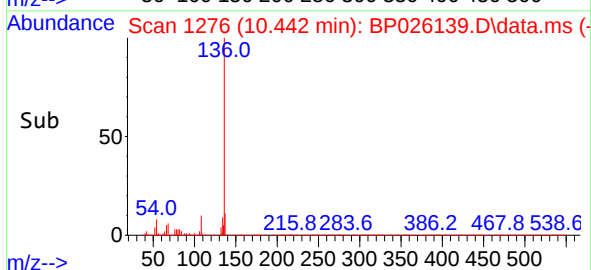
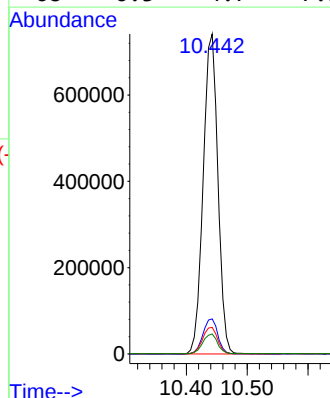
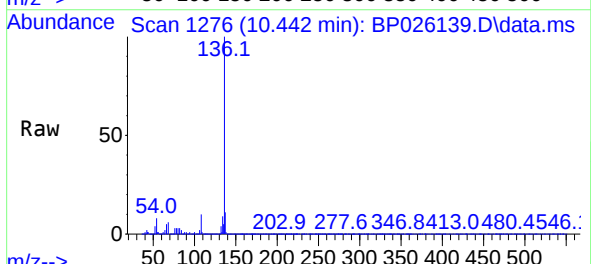
Instrument :
BNA_P
ClientSampleId :
VNJ-208

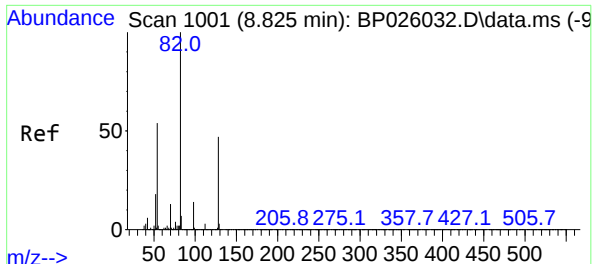
Tgt Ion: 99 Resp: 1953579
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.442 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:136 Resp: 1241424
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 6.6 10.0
68 6.3 4.7 7.1

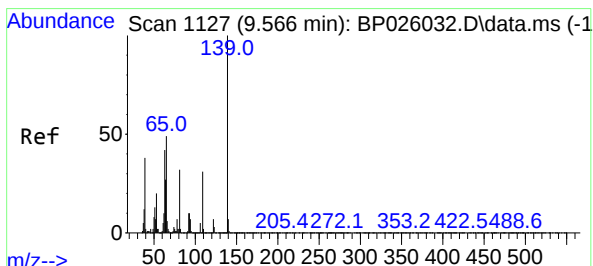
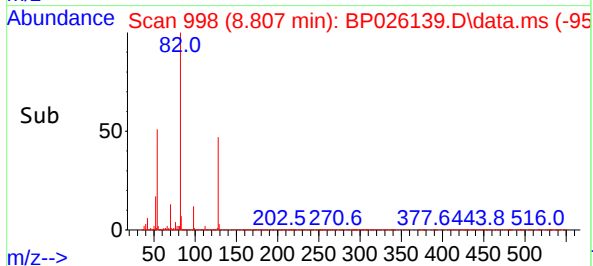
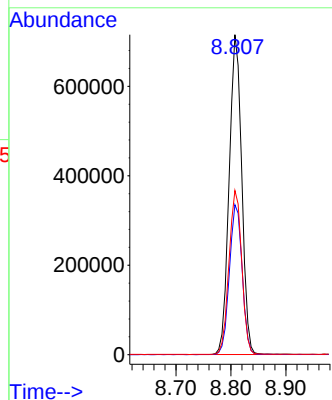
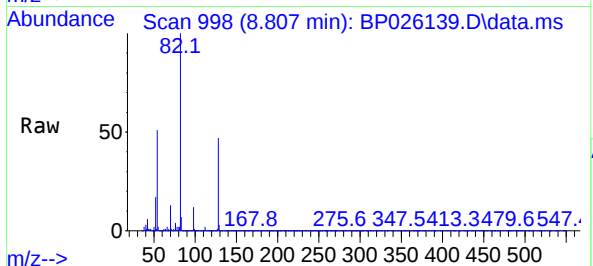




#23
Nitrobenzene-d5
Concen: 57.084 ng
RT: 8.807 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

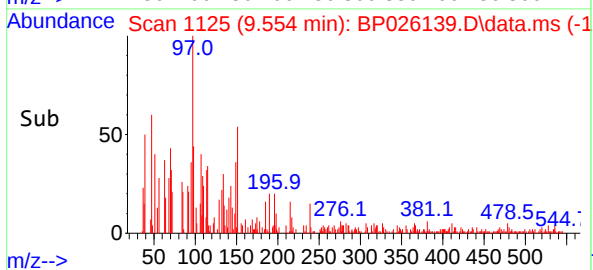
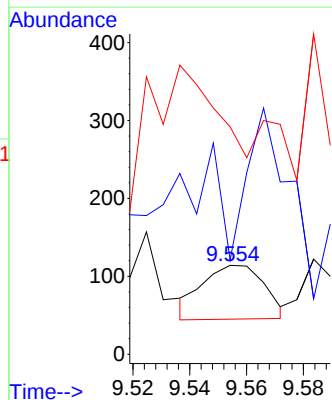
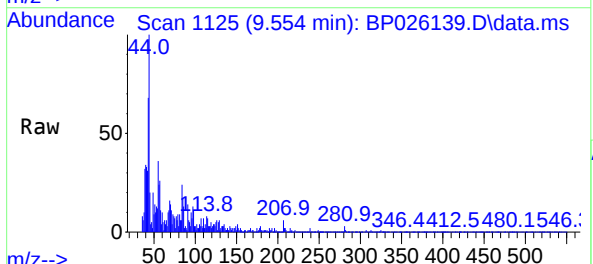
Instrument :
BNA_P
ClientSampleId :
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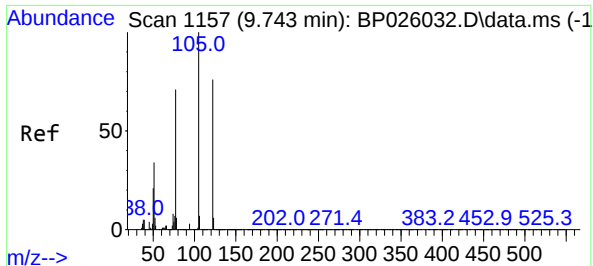
Tgt Ion: 82 Resp: 1136760
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.3 42.7 64.1



#26
2-Nitrophenol
Concen: 2.690 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion: 139 Resp: 104
Ion Ratio Lower Upper
139 100
109 106.1 24.8 37.2#
65 256.1 39.0 58.4#

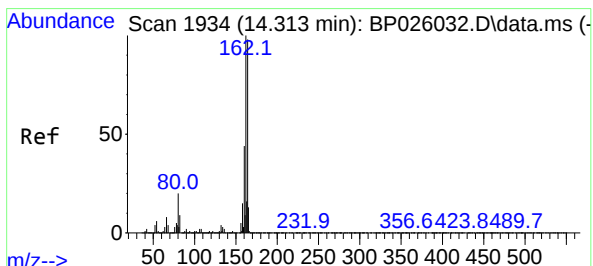
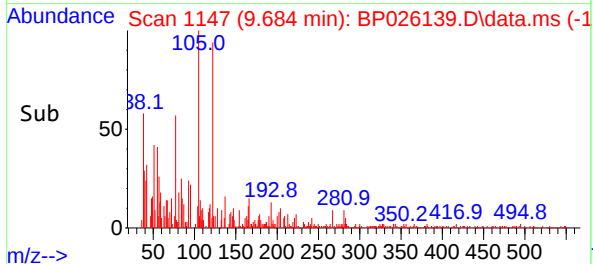
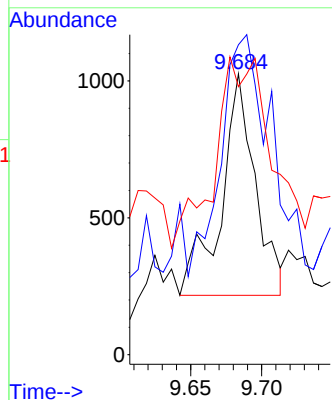
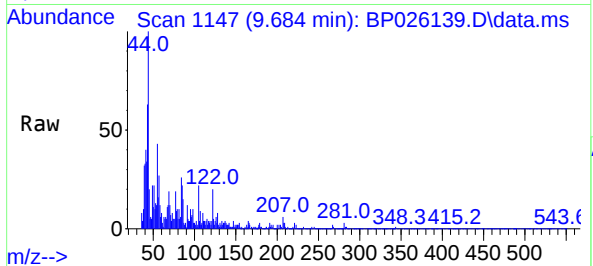




#32
Benzoic acid
Concen: 3.277 ng
RT: 9.684 min Scan# 1157
Delta R.T. -0.094 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

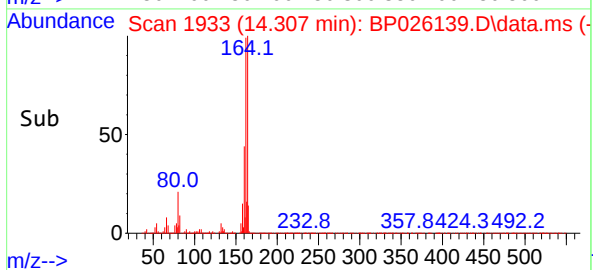
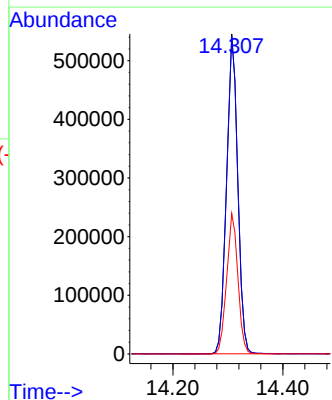
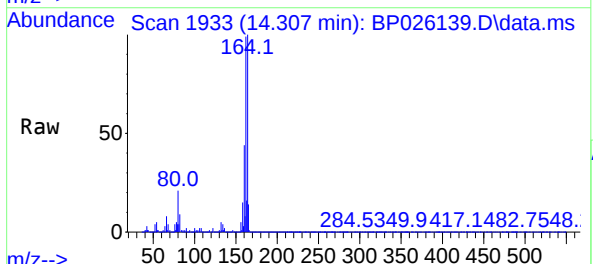
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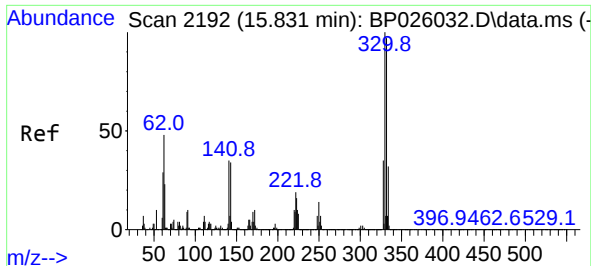
Tgt Ion:122 Resp: 1347
Ion Ratio Lower Upper
122 100
105 110.3 104.8 144.8
77 95.4 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:164 Resp: 765686
Ion Ratio Lower Upper
164 100
162 99.2 81.5 122.3
160 43.9 36.2 54.4

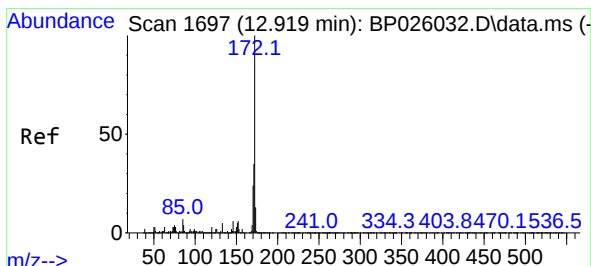
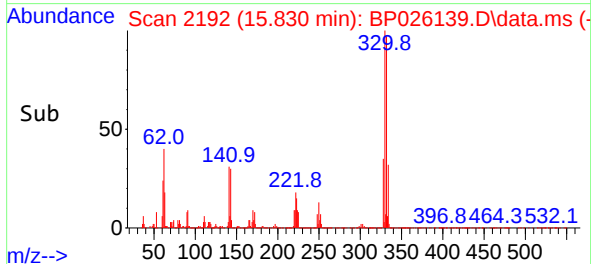
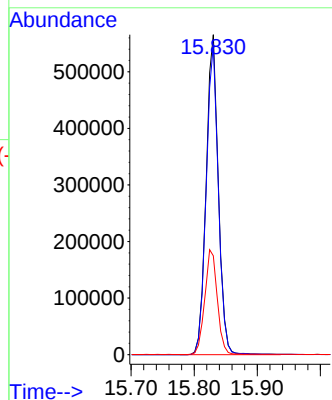
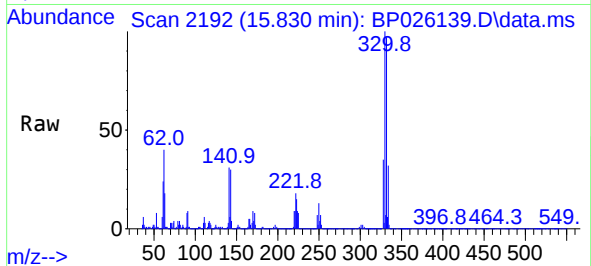




#42
2,4,6-Tribromophenol
Concen: 91.874 ng
RT: 15.830 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

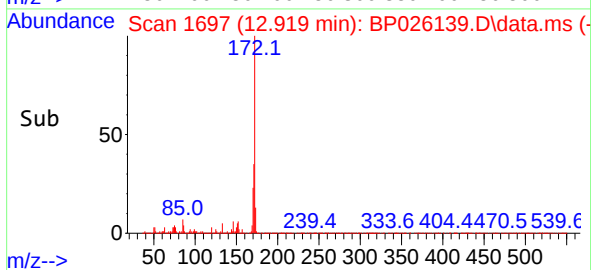
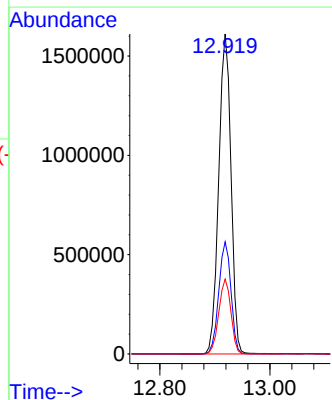
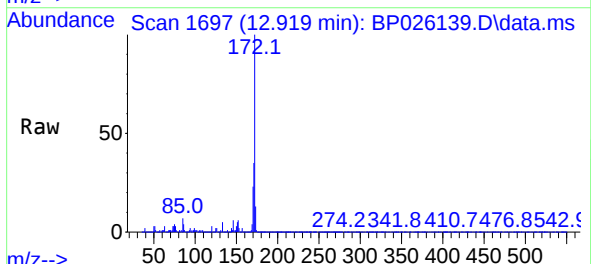
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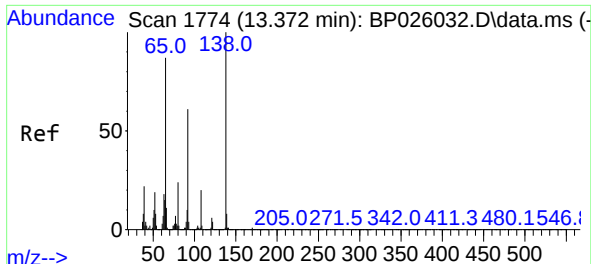
Tgt Ion:330 Resp: 760517
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.7 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 46.892 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:172 Resp: 2498684
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 19.0 28.4

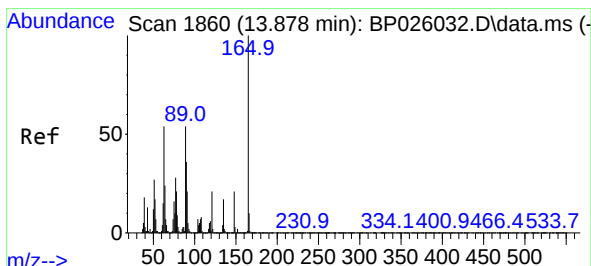
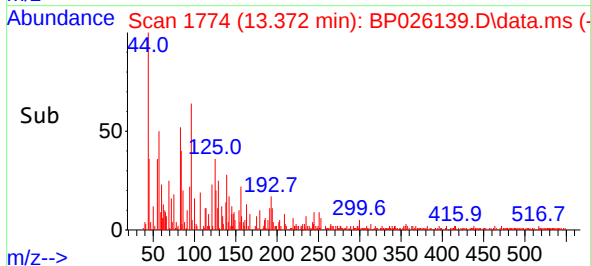
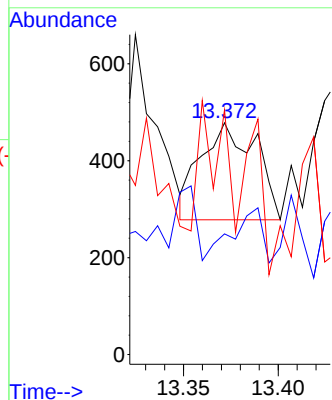
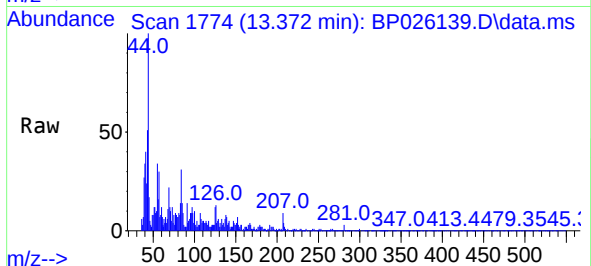




#48
2-Nitroaniline
Concen: 2.942 ng
RT: 13.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

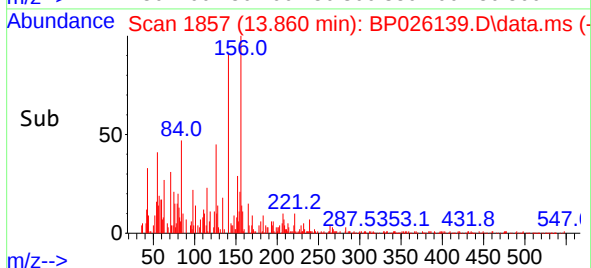
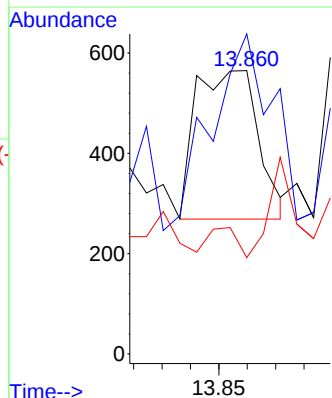
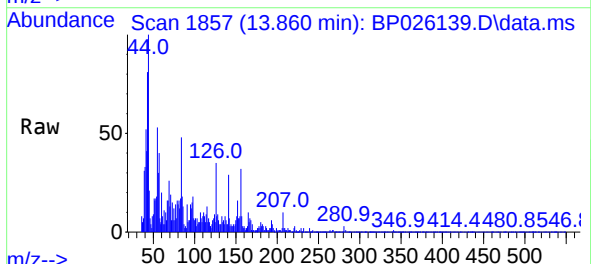
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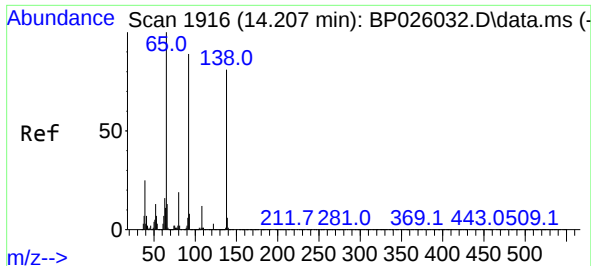
Tgt Ion: 65 Resp: 402
Ion Ratio Lower Upper
65 100
92 52.1 55.5 83.3#
138 105.6 91.7 137.5



#51
2,6-Dinitrotoluene
Concen: 3.032 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion: 165 Resp: 453
Ion Ratio Lower Upper
165 100
63 112.9 43.0 64.4#
89 34.0 43.0 64.4#

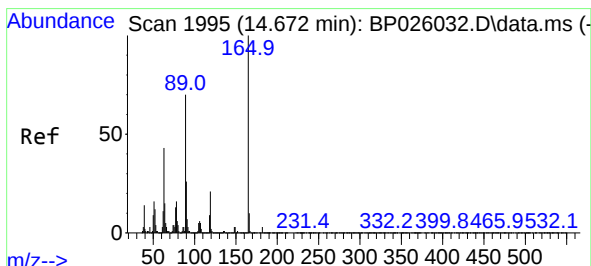
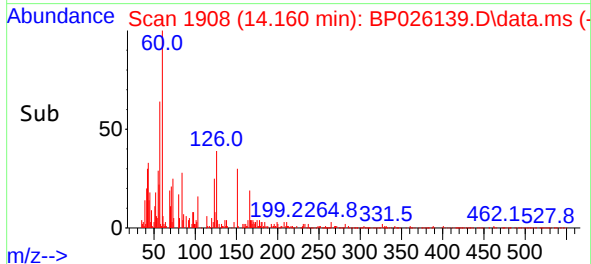
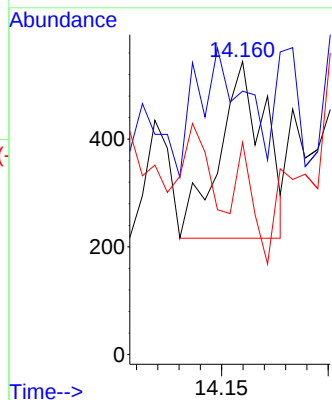
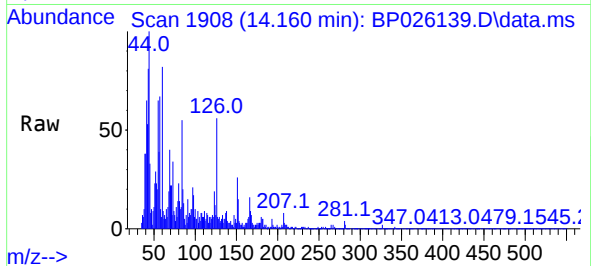




#53
3-Nitroaniline
Concen: 2.674 ng
RT: 14.160 min Scan# 1908
Delta R.T. -0.047 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

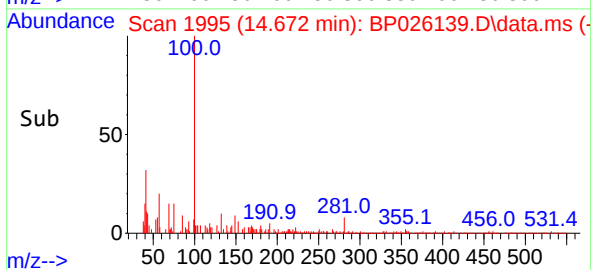
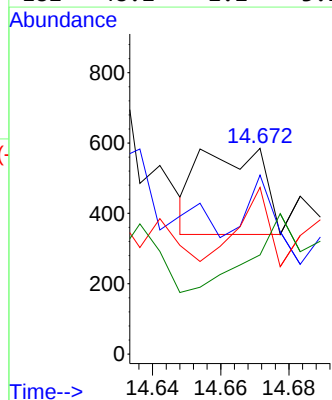
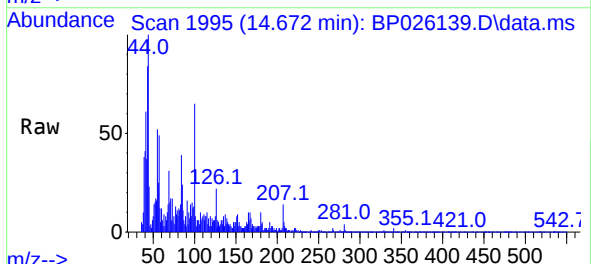
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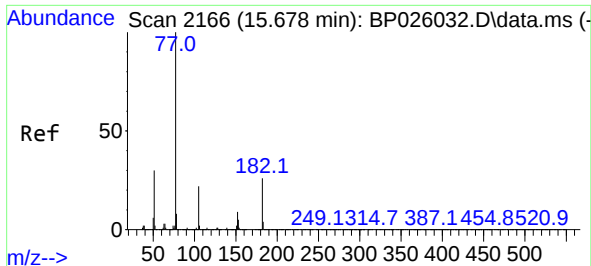
Tgt Ion:138 Resp: 490
Ion Ratio Lower Upper
138 100
108 89.9 11.4 17.0#
92 72.4 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.106 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:165 Resp: 313
Ion Ratio Lower Upper
165 100
63 87.0 34.2 51.2#
89 81.0 56.0 84.0
182 48.2 2.2 3.2#

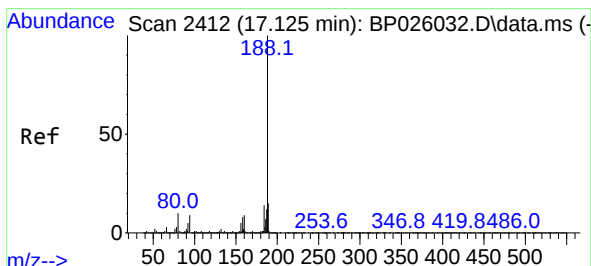
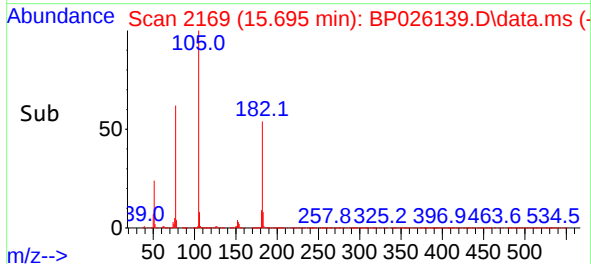
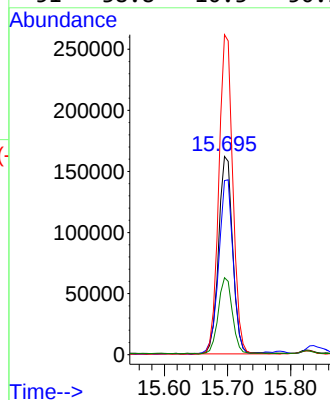
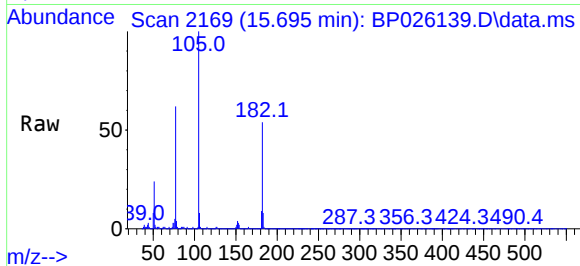




#63
Azobenzene
Concen: 4.953 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

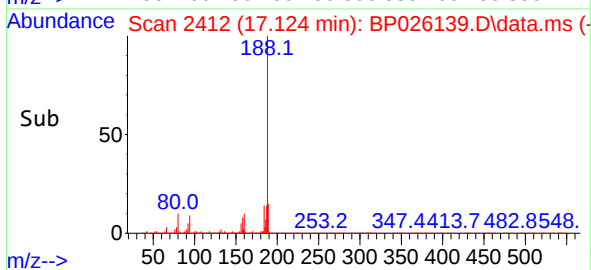
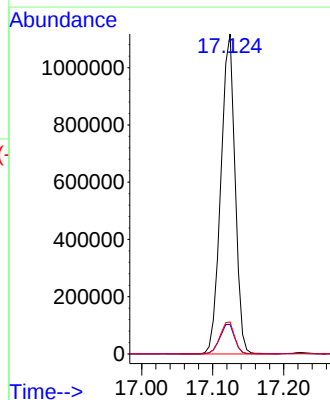
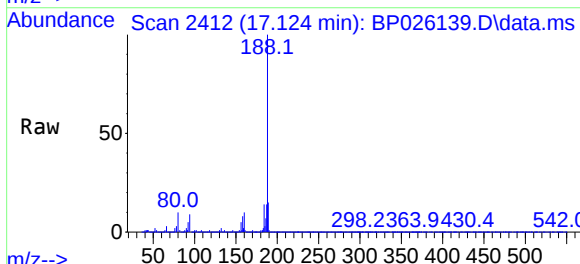
Instrument :
BNA_P
ClientSampleId :
VNJ-208

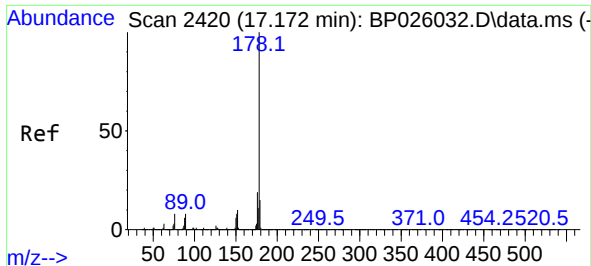
Tgt Ion: 77 Resp: 251338
Ion Ratio Lower Upper
77 100
182 87.8 6.4 46.4#
105 161.4 2.2 42.2#
51 38.8 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:188 Resp: 1546246
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.0 7.9 11.9

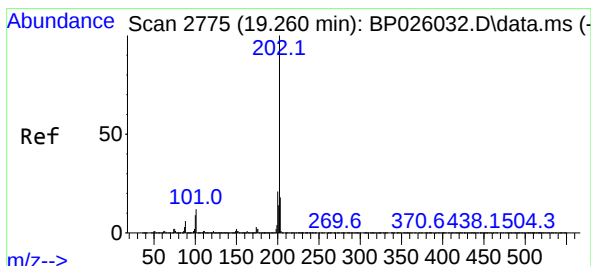
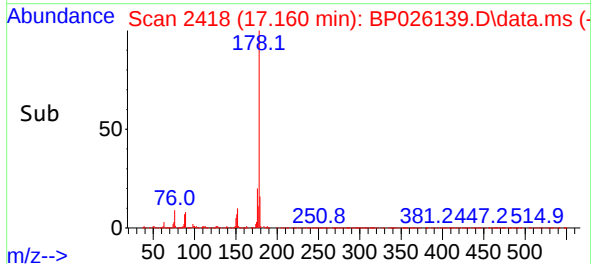
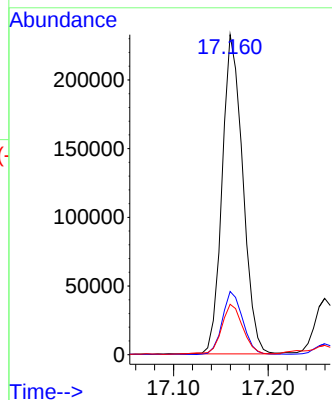
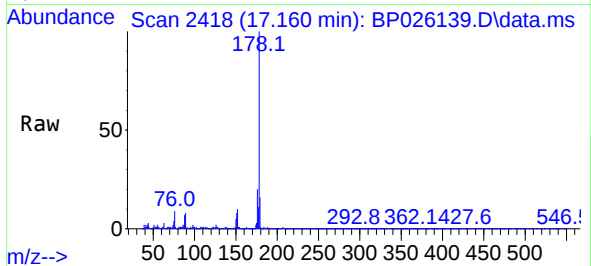




#71
Phenanthrene
Concen: 3.908 ng
RT: 17.160 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

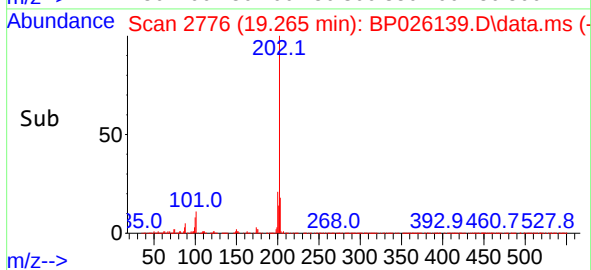
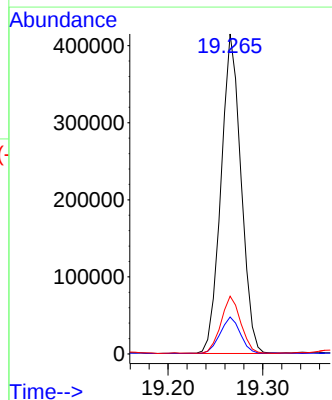
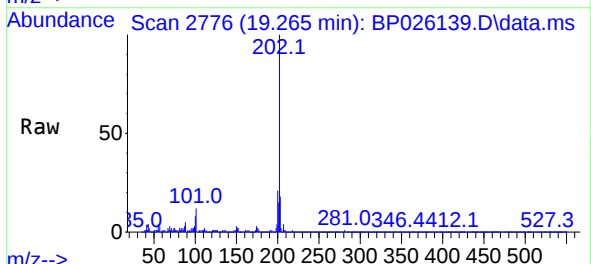
Instrument :
BNA_P
ClientSampleId :
VNJ-208

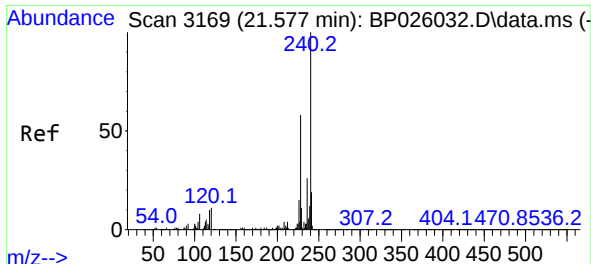
Tgt Ion:178 Resp: 351729
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.7 12.3 18.5



#75
Fluoranthene
Concen: 5.808 ng
RT: 19.265 min Scan# 2776
Delta R.T. 0.005 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:202 Resp: 609718
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.1
203 18.1 0.0 37.6

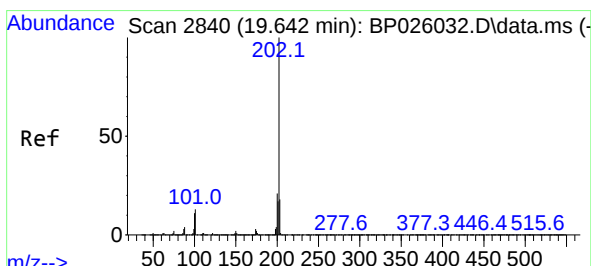
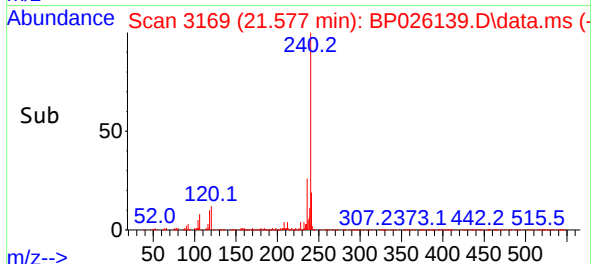
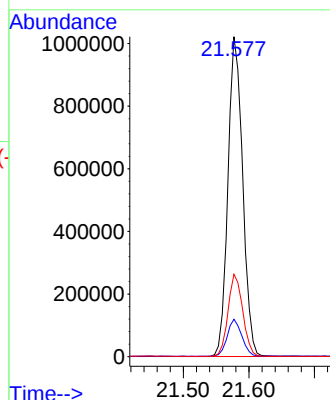
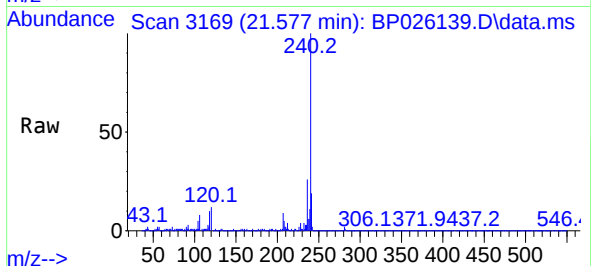




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

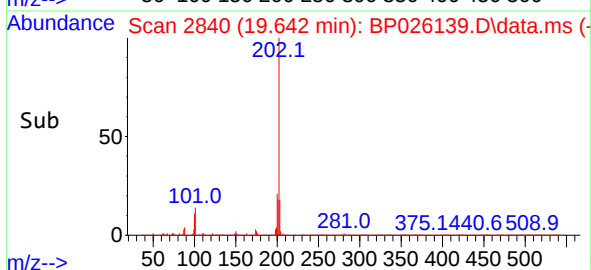
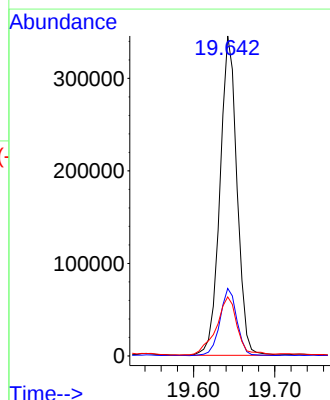
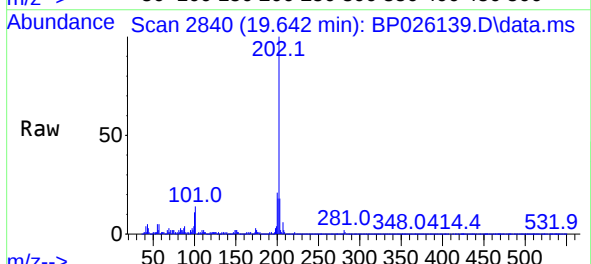
Instrument :
BNA_P
ClientSampleId :
VNJ-208

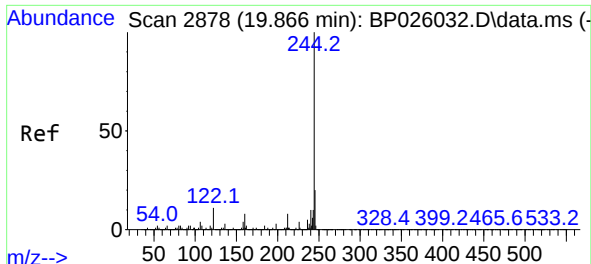
Tgt Ion:240 Resp: 1590403
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.8 20.6 31.0



#78
Pyrene
Concen: 4.684 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:202 Resp: 503818
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.4 14.0 21.0

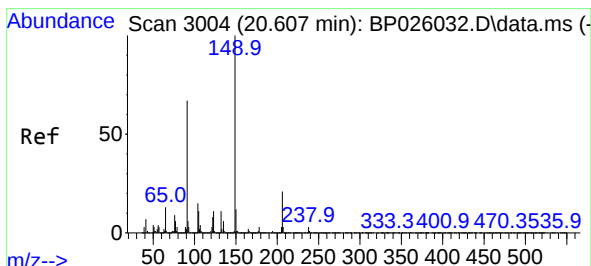
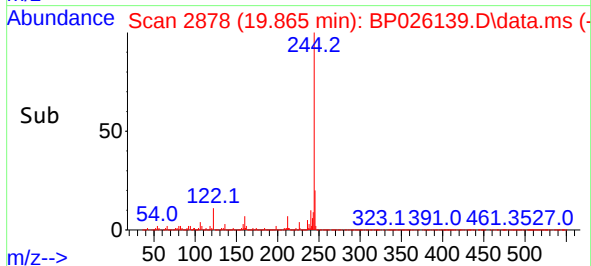
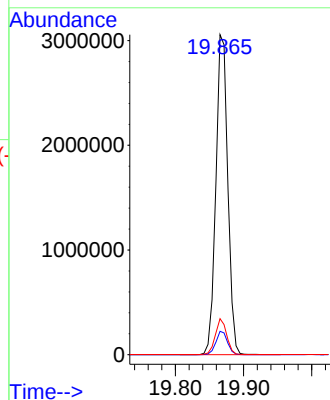
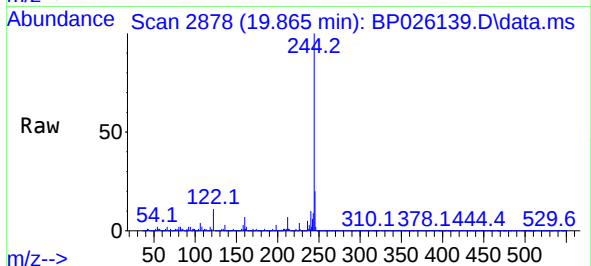




#79
 Terphenyl-d14
 Concen: 47.419 ng
 RT: 19.865 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP026139.D
 Acq: 14 Nov 2025 13:52

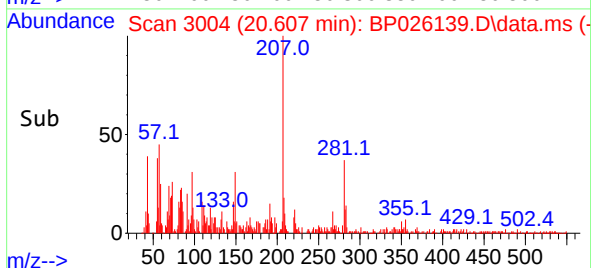
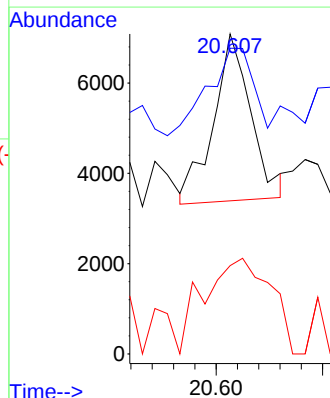
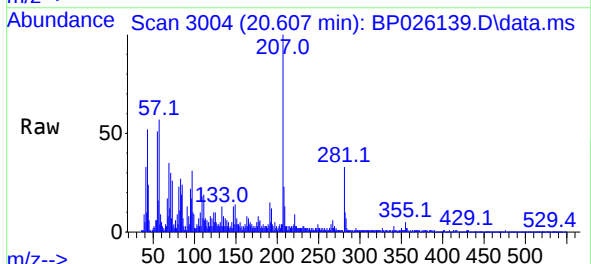
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-208

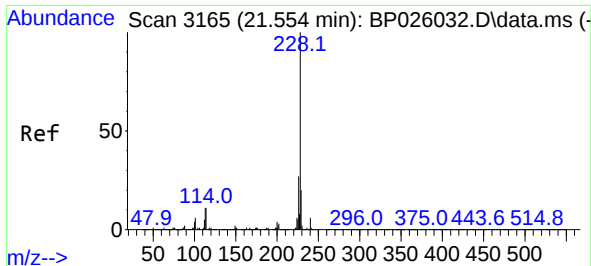
Tgt Ion:244 Resp: 3711942
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.502 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. -0.000 min
 Lab File: BP026139.D
 Acq: 14 Nov 2025 13:52

Tgt Ion:149 Resp: 4522
 Ion Ratio Lower Upper
 149 100
 91 95.6 53.5 80.3#
 206 27.6 16.6 25.0#

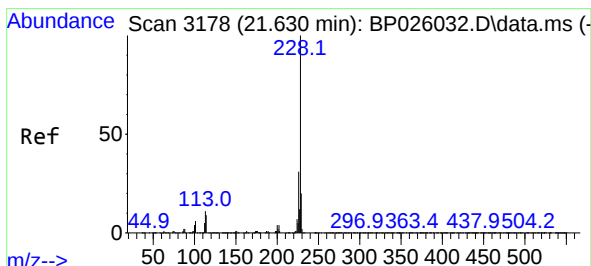
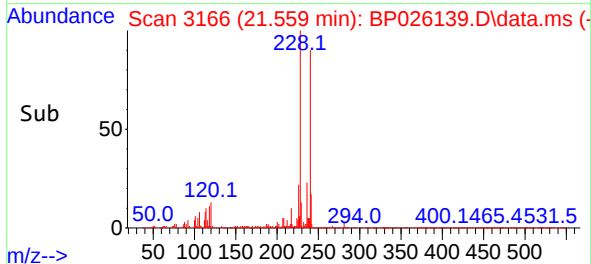
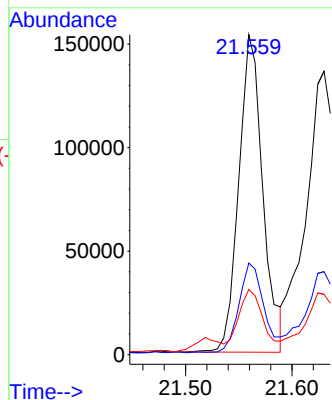
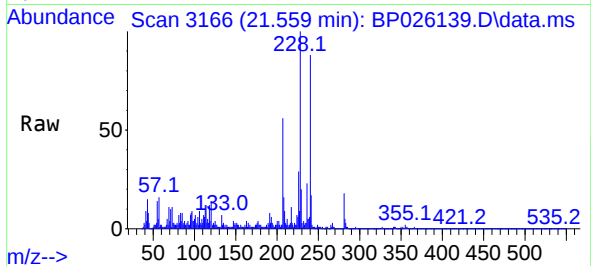




#81
Benzo(a)anthracene
Concen: 2.206 ng
RT: 21.559 min Scan# 3166
Delta R.T. 0.011 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

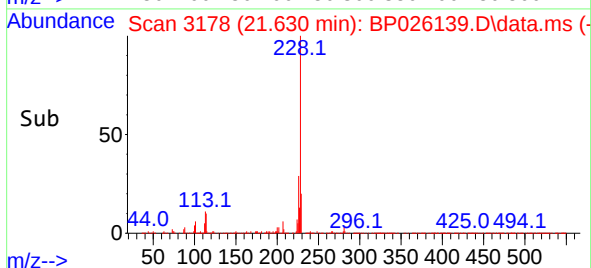
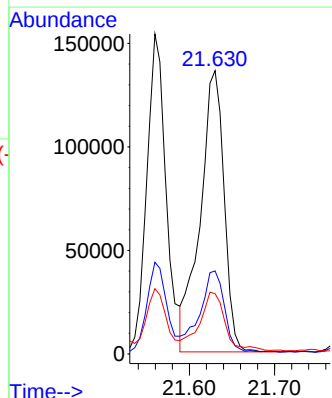
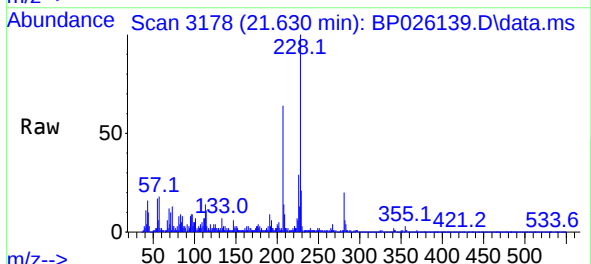
Instrument :
BNA_P
ClientSampleId :
VNJ-208

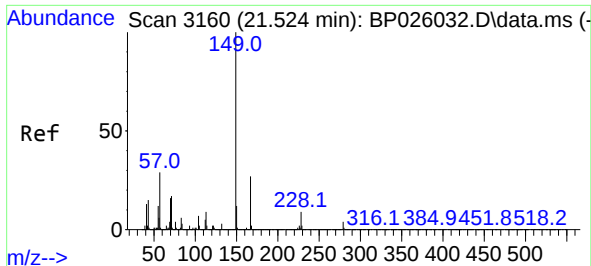
Tgt Ion:228 Resp: 241057
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 20.4 15.8 23.8



#83
Chrysene
Concen: 2.563 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:228 Resp: 265309
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 21.3 16.0 24.0

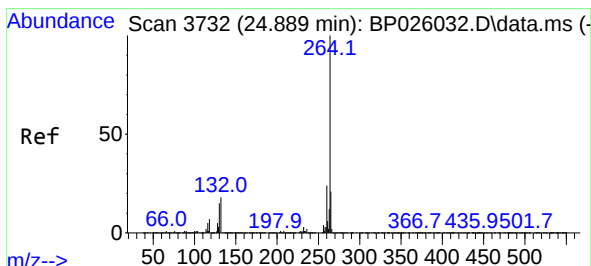
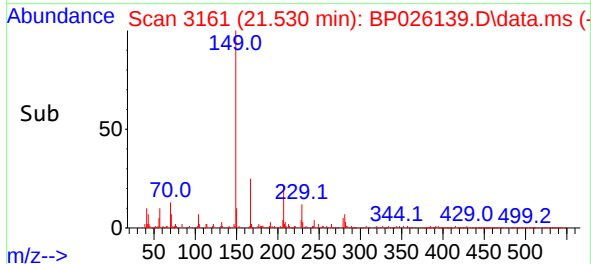
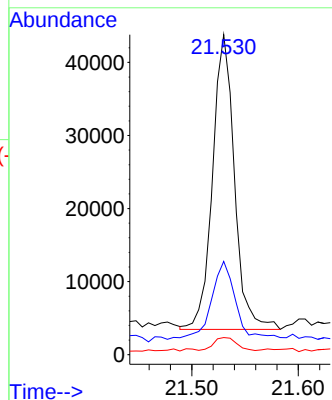
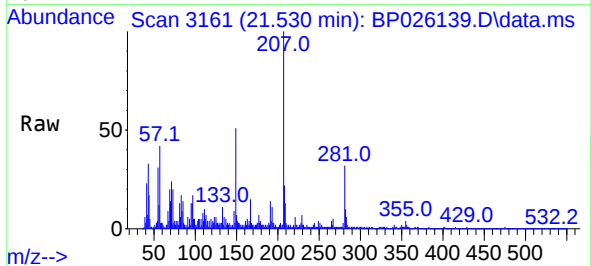




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.449 ng
RT: 21.530 min Scan# 3160
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

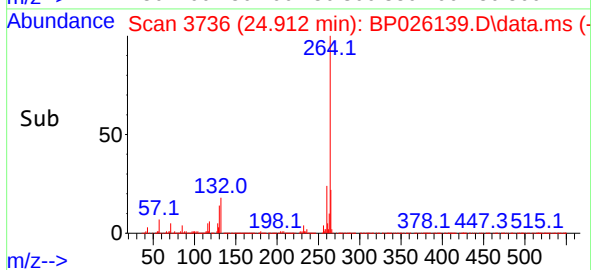
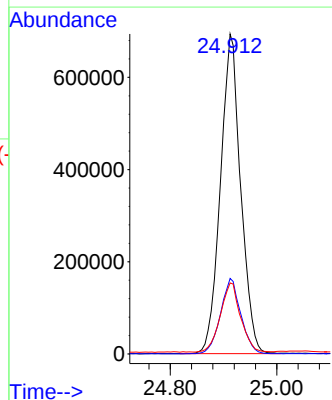
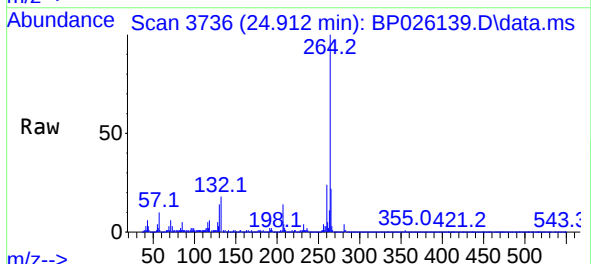
Instrument :
BNA_P
ClientSampleId :
VNJ-208

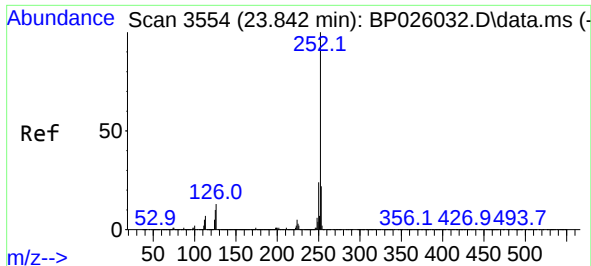
Tgt Ion:149 Resp: 57712
Ion Ratio Lower Upper
149 100
167 29.1 21.5 32.3
279 5.4 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.029 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:264 Resp: 1828354
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.2 17.2 25.8

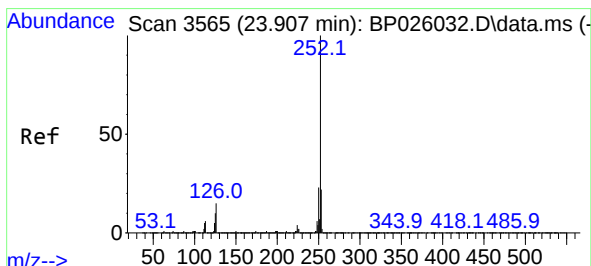
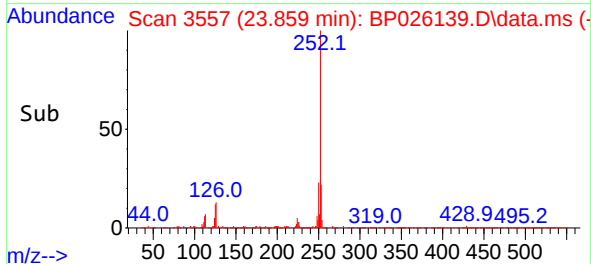
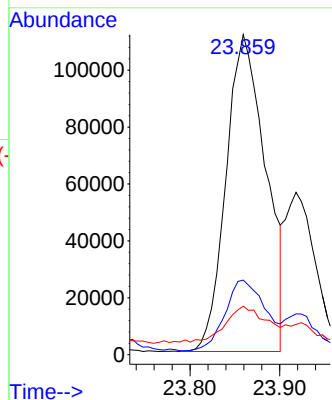
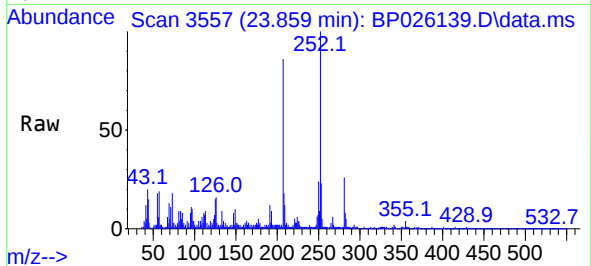




#88
Benzo(b)fluoranthene
Concen: 3.016 ng
RT: 23.859 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

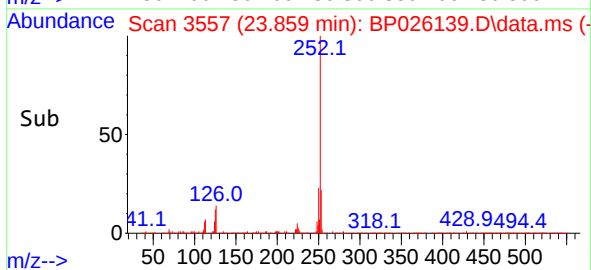
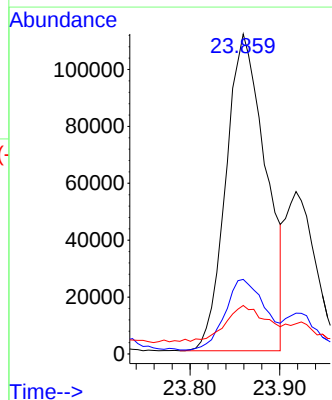
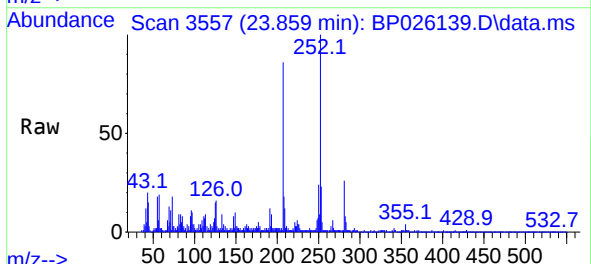
Instrument :
BNA_P
ClientSampleId :
VNJ-208

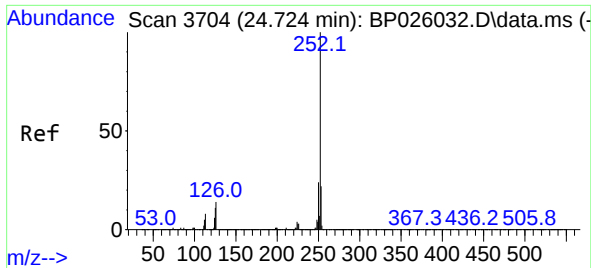
Tgt Ion:252 Resp: 342366
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 15.2 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.954 ng
RT: 23.859 min Scan# 3557
Delta R.T. -0.065 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:252 Resp: 342366
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 15.2 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 2.174 ng
RT: 24.753 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Instrument :
BNA_P
ClientSampleId :
VNJ-208

Tgt Ion:252 Resp: 226675
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 13.2 9.1 13.7

