

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026060.D
 Acq On : 03 Nov 2025 16:13
 Operator : RC/JU
 Sample : Q3495-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1025-2

Quant Time: Nov 03 16:33:50 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)

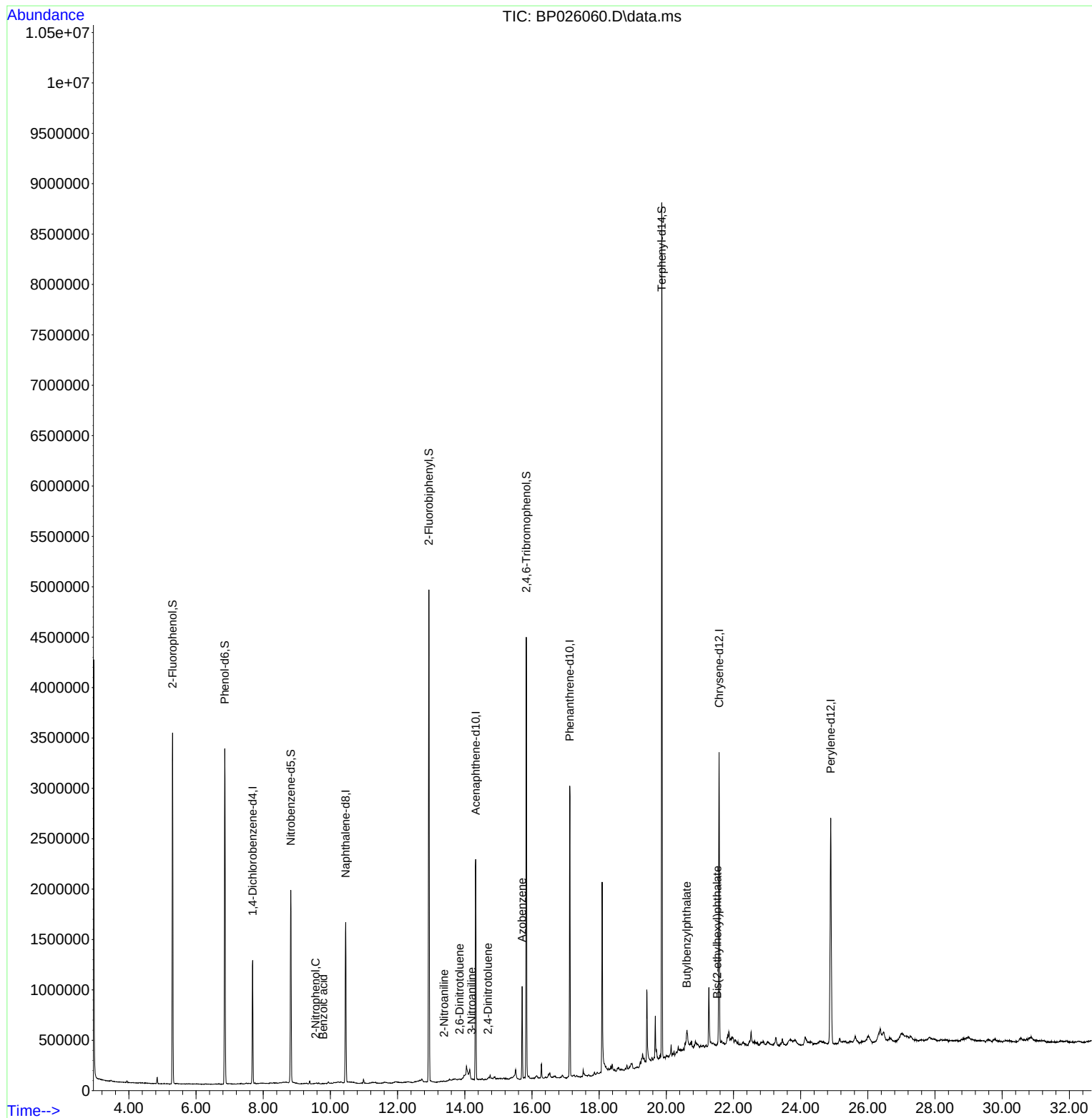
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	335609	20.000	ng	0.00
21) Naphthalene-d8	10.455	136	1339601	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	820932	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1674460	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1797769	20.000	ng	0.00
86) Perylene-d12	24.895	264	2045798	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	1506944	74.092	ng	0.00
7) Phenol-d6	6.855	99	1931703	74.620	ng	0.00
23) Nitrobenzene-d5	8.819	82	1094006	50.911	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	756973	85.292	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2550471	44.642	ng	0.00
79) Terphenyl-d14	19.866	244	3935857	44.480	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.560	139	50	2.683	ng	# 1
32) Benzoic acid	9.784	122	180	3.136	ng	# 33
48) 2-Nitroaniline	13.384	65	69	2.915	ng	# 74
51) 2,6-Dinitrotoluene	13.843	165	987	3.074	ng	# 84
53) 3-Nitroaniline	14.207	138	352	2.662	ng	# 29
57) 2,4-Dinitrotoluene	14.690	165	605	3.121	ng	# 64
63) Azobenzene	15.707	77	245514	4.513	ng	# 1
80) Butylbenzylphthalate	20.607	149	1623	3.430	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.519	149	11378	2.746	ng	# 84

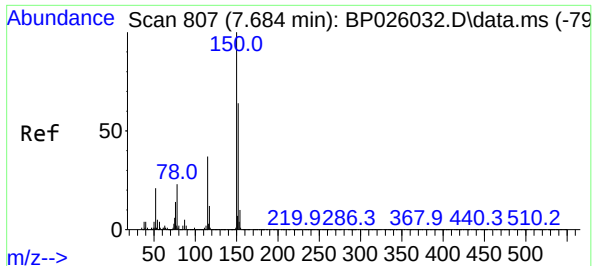
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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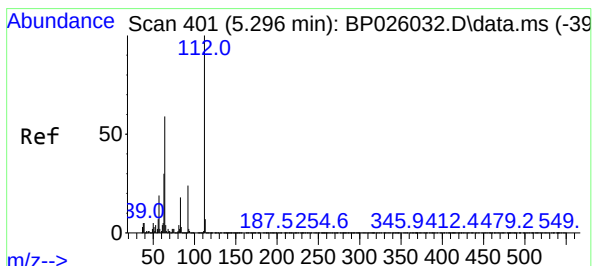
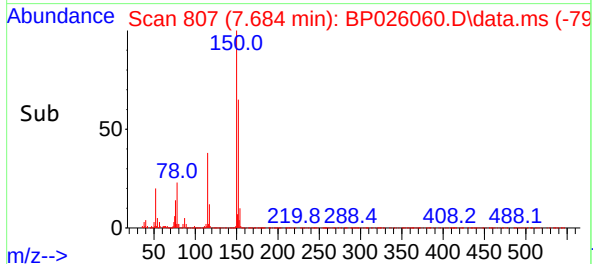
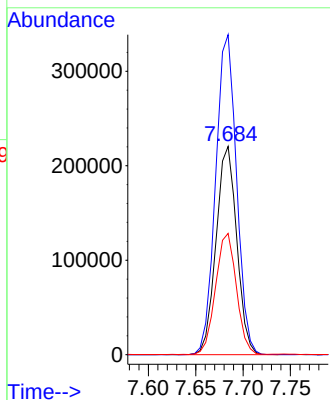
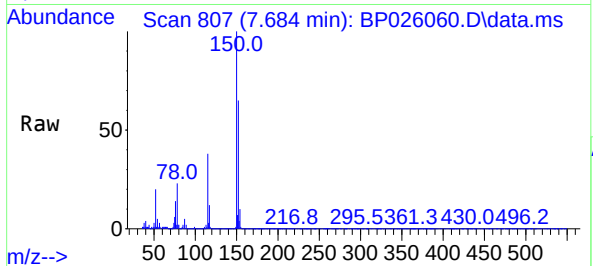




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

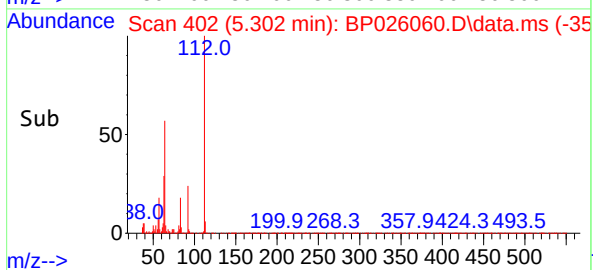
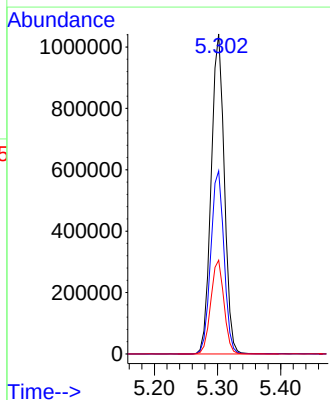
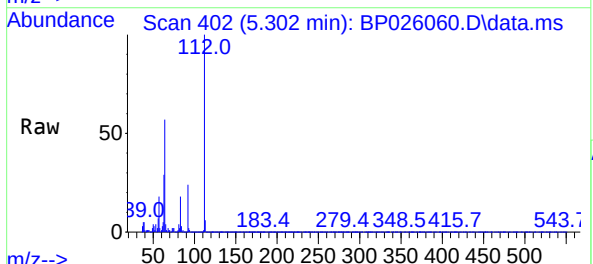
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

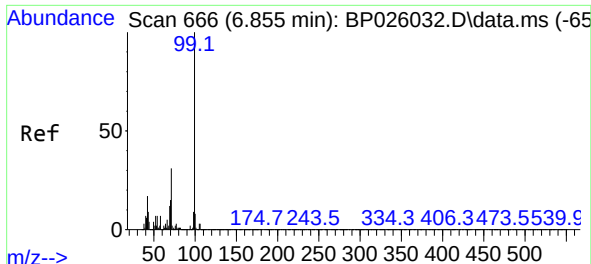
Tgt Ion:152 Resp: 335609
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 58.3 46.4 69.6



#5
2-Fluorophenol
Concen: 74.092 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:112 Resp: 1506944
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.2
63 29.3 24.2 36.4

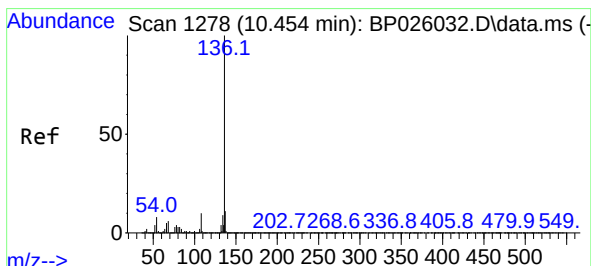
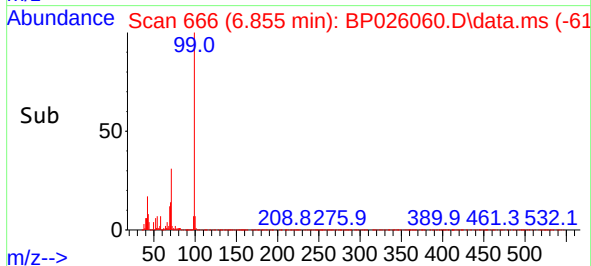
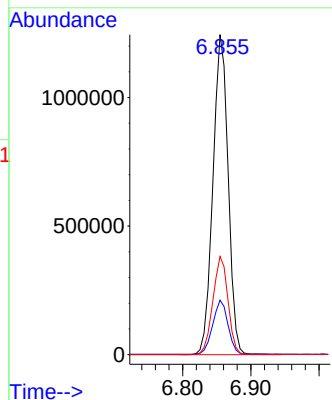
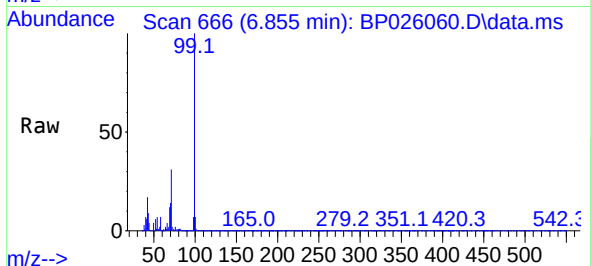




#7
Phenol-d6
Concen: 74.620 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

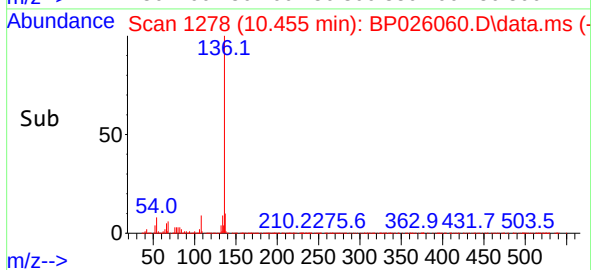
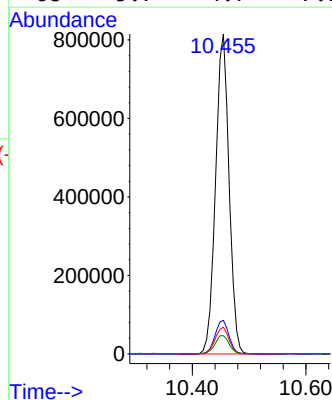
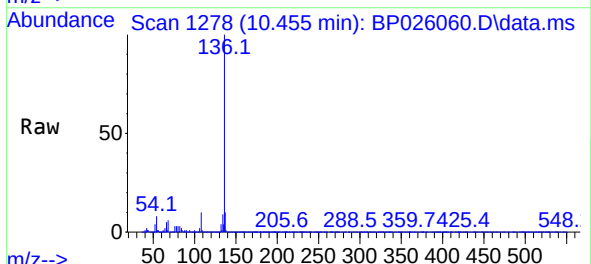
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

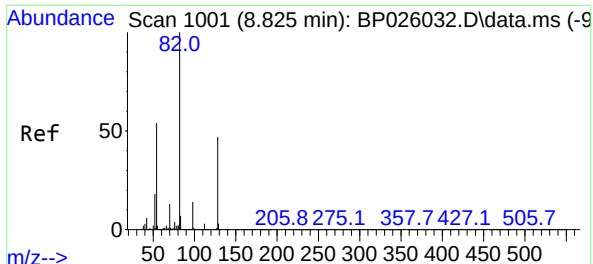
Tgt Ion: 99 Resp: 1931703
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion: 136 Resp: 1339601
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.4 6.6 10.0
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 50.911 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026060.D

Acq: 03 Nov 2025 16:13

Instrument :

BNA_P

ClientSampleId :

SB-1025-2

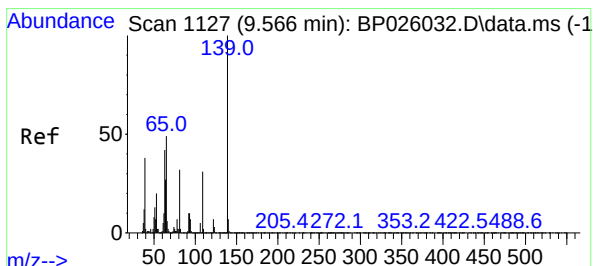
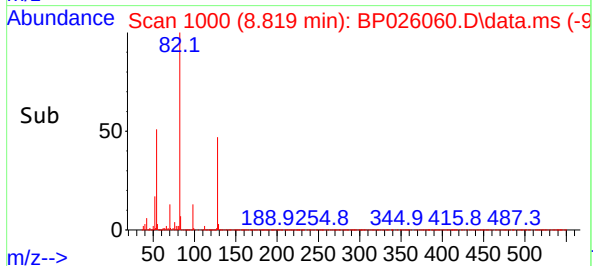
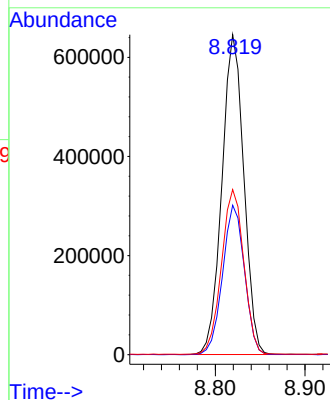
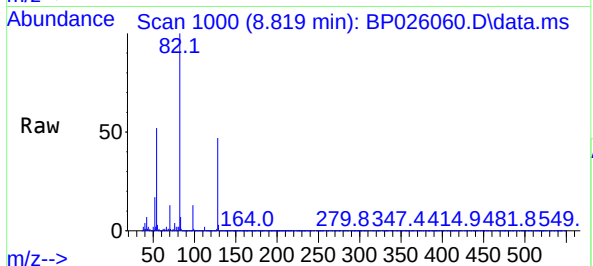
Tgt Ion: 82 Resp: 1094006

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.0

54 51.6 42.7 64.1



#26

2-Nitrophenol

Concen: 2.683 ng

RT: 9.560 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BP026060.D

Acq: 03 Nov 2025 16:13

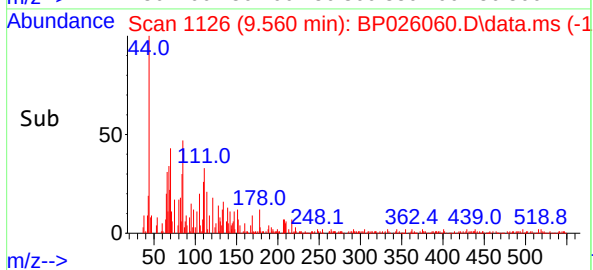
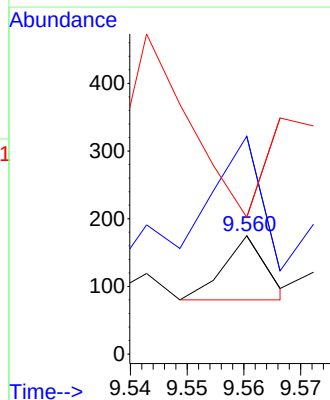
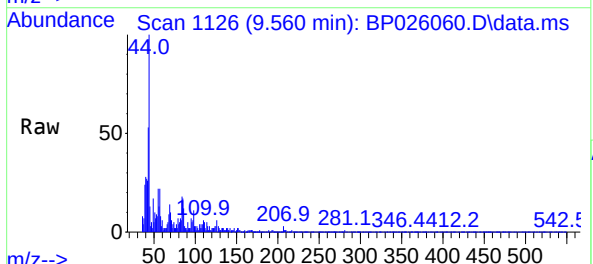
Tgt Ion:139 Resp: 50

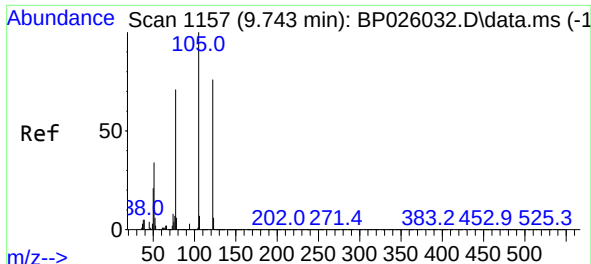
Ion Ratio Lower Upper

139 100

109 184.0 24.8 37.2#

65 115.4 39.0 58.4#

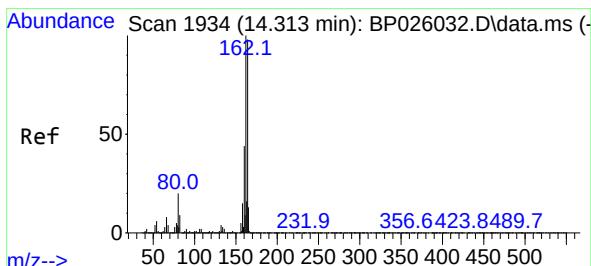
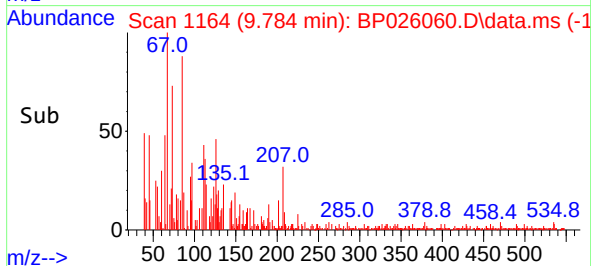
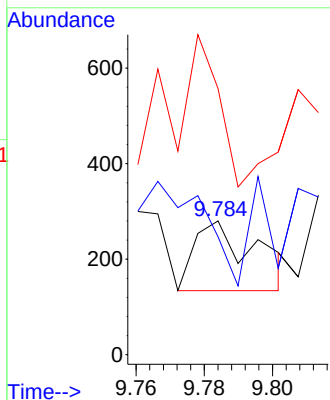
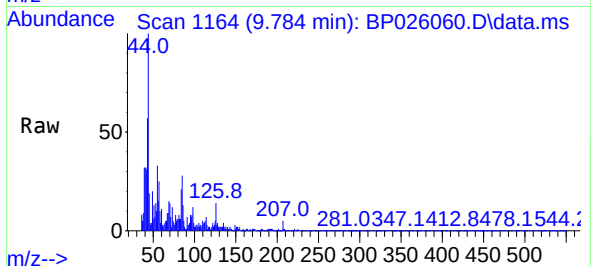




#32
Benzoic acid
Concen: 3.136 ng
RT: 9.784 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

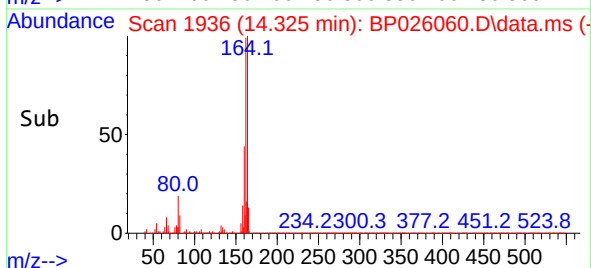
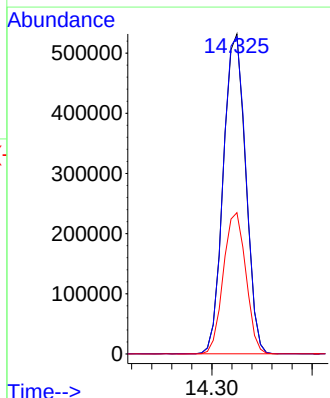
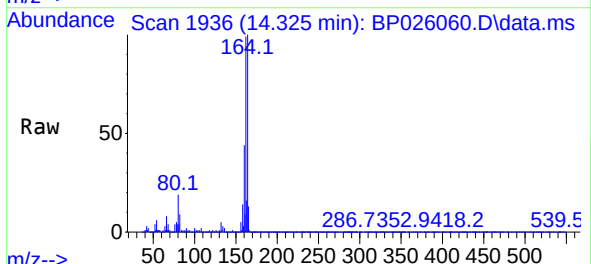
Instrument :
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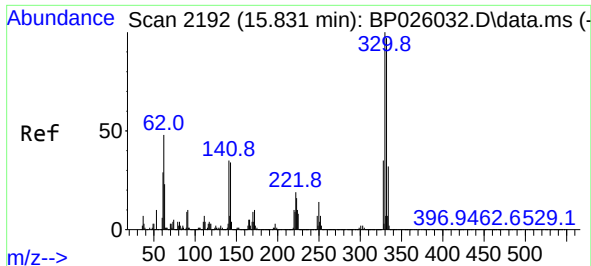
Tgt Ion:122 Resp: 180
Ion Ratio Lower Upper
122 100
105 88.2 104.8 144.8#
77 198.9 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:164 Resp: 820932
Ion Ratio Lower Upper
164 100
162 99.2 81.5 122.3
160 44.2 36.2 54.4

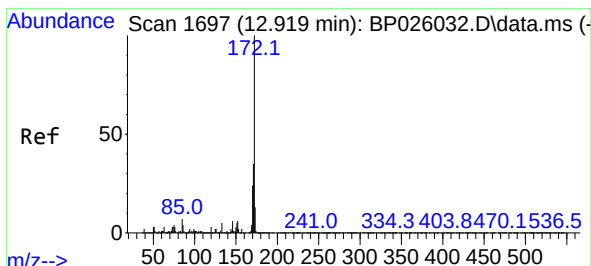
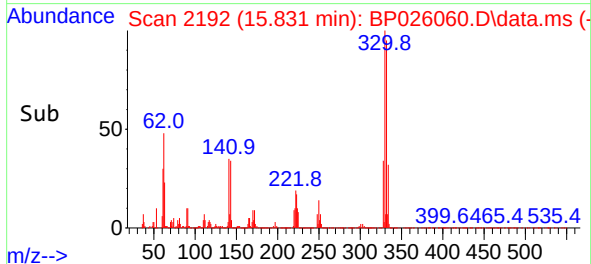
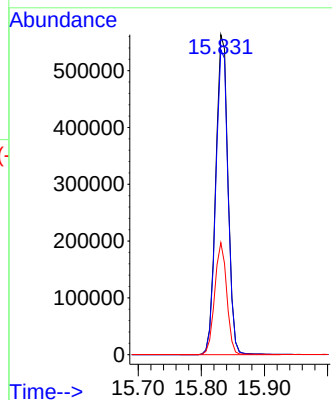
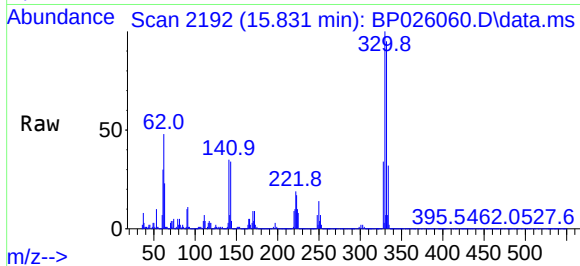




#42
2,4,6-Tribromophenol
Concen: 85.292 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

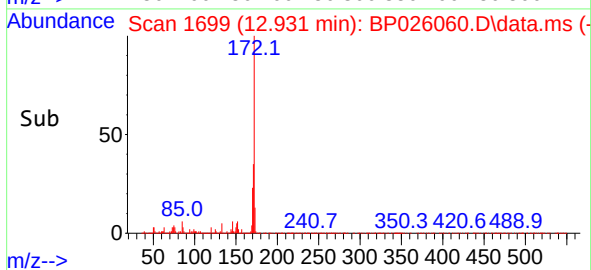
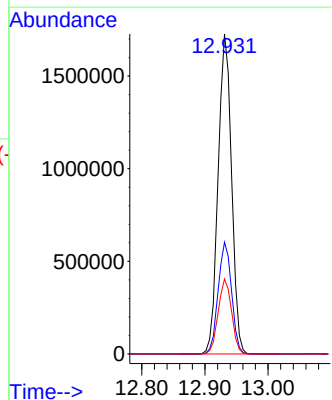
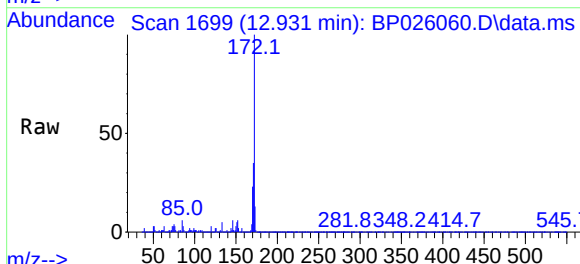
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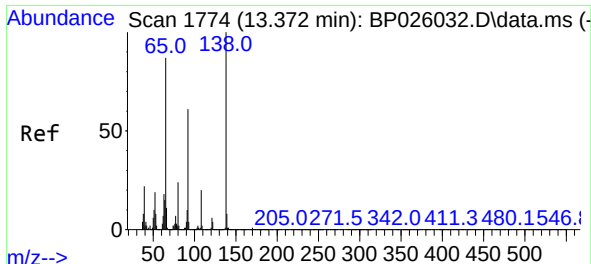
Tgt Ion:330 Resp: 756973
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.4 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 44.642 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:172 Resp: 2550471
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.4 19.0 28.4

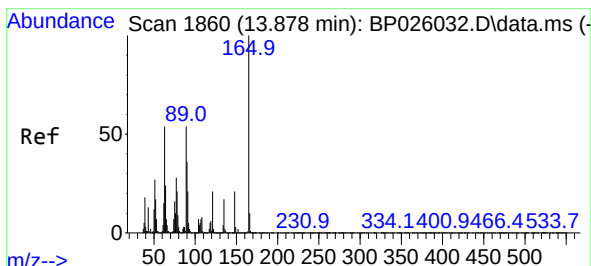
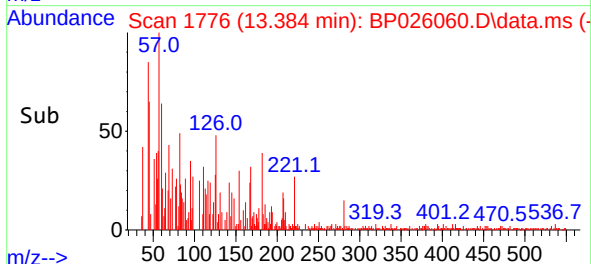
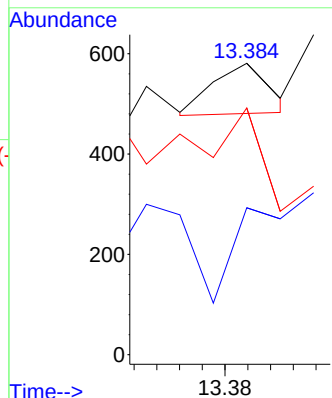
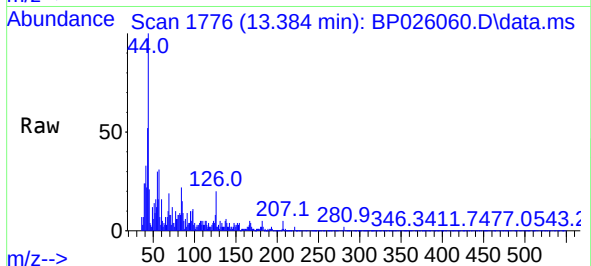




#48
2-Nitroaniline
Concen: 2.915 ng
RT: 13.384 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

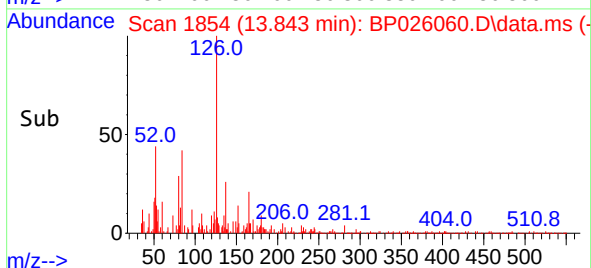
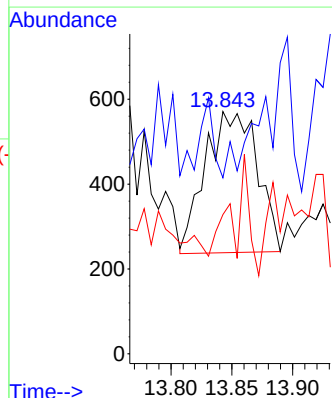
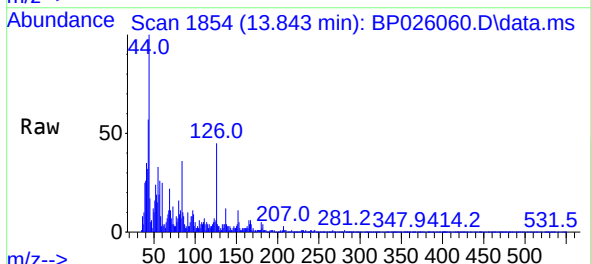
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BNA_P
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SB-1025-2

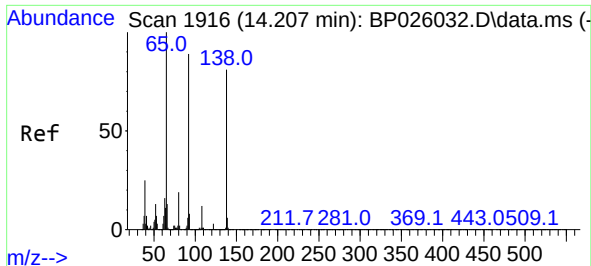
Tgt Ion: 65 Resp: 69
Ion Ratio Lower Upper
65 100
92 50.4 55.5 83.3#
138 84.7 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.074 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.035 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion: 165 Resp: 987
Ion Ratio Lower Upper
165 100
63 72.7 43.0 64.4#
89 57.4 43.0 64.4

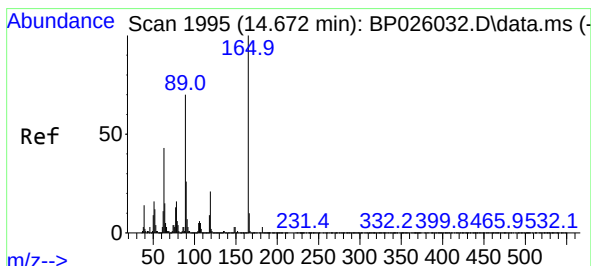
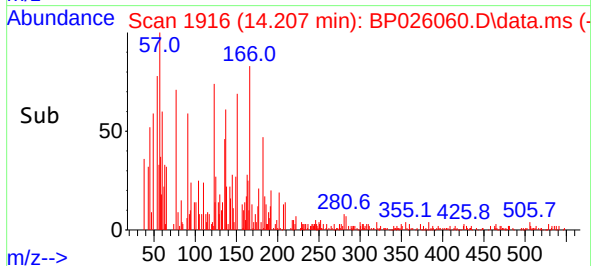
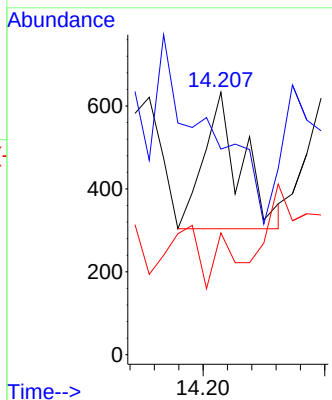
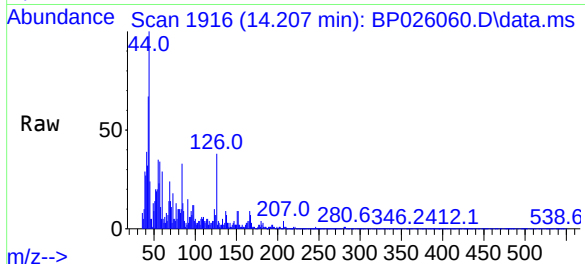




#53
3-Nitroaniline
Concen: 2.662 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

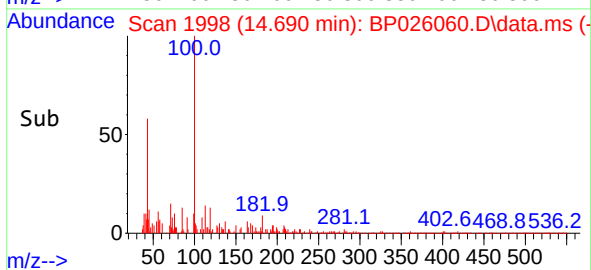
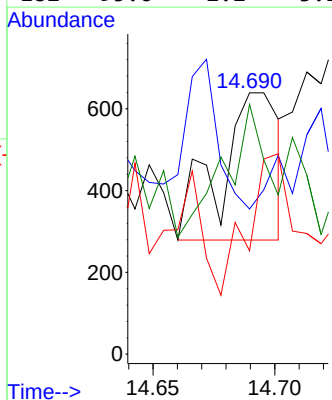
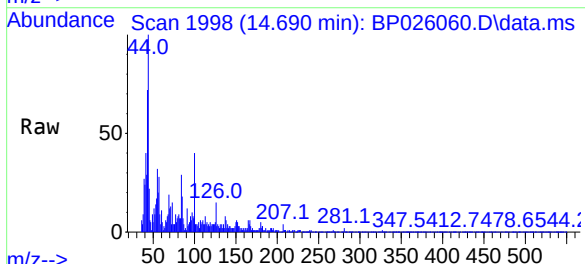
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

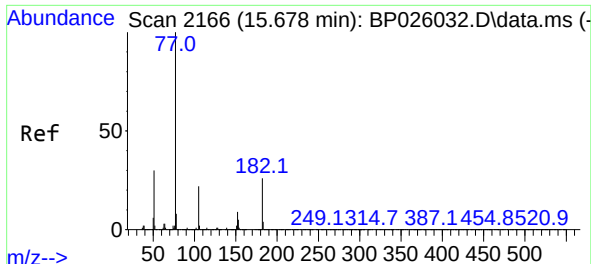
Tgt Ion:138 Resp: 352
Ion Ratio Lower Upper
138 100
108 78.4 11.4 17.0#
92 46.4 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.121 ng
RT: 14.690 min Scan# 1998
Delta R.T. 0.012 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:165 Resp: 605
Ion Ratio Lower Upper
165 100
63 55.6 34.2 51.2#
89 39.6 56.0 84.0#
182 95.6 2.2 3.2#

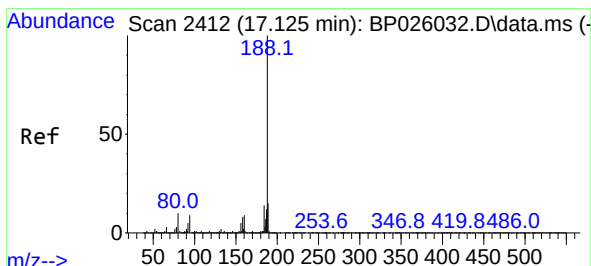
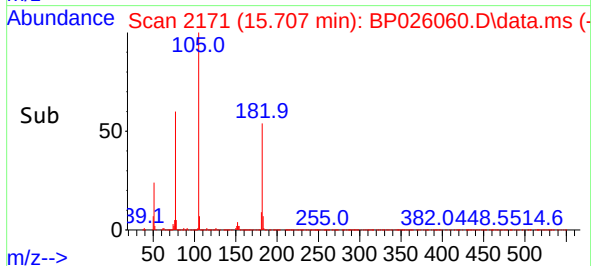
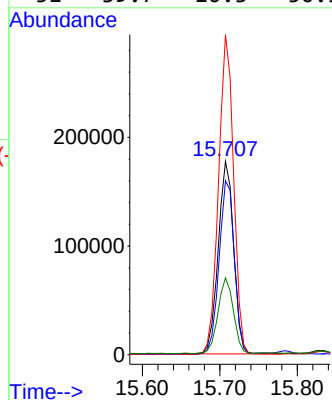
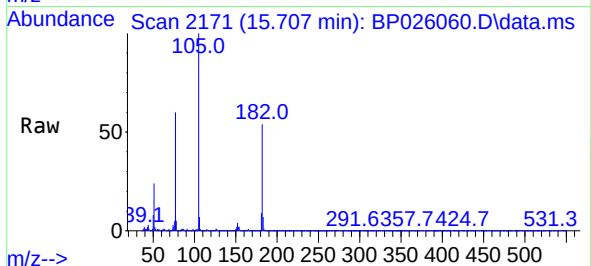




#63
Azobenzene
Concen: 4.513 ng
RT: 15.707 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

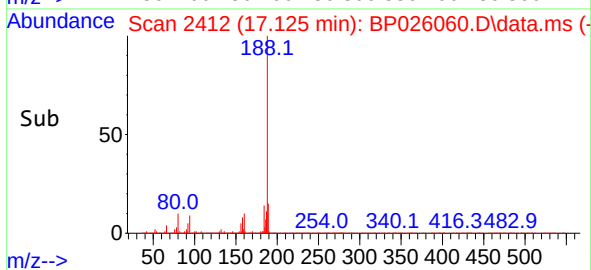
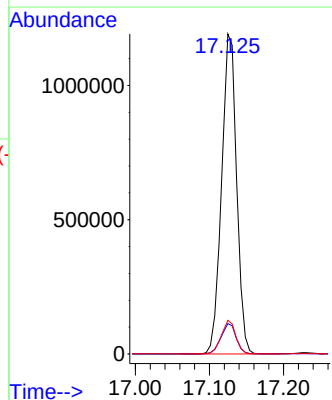
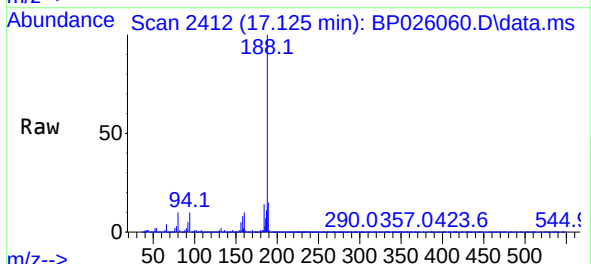
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

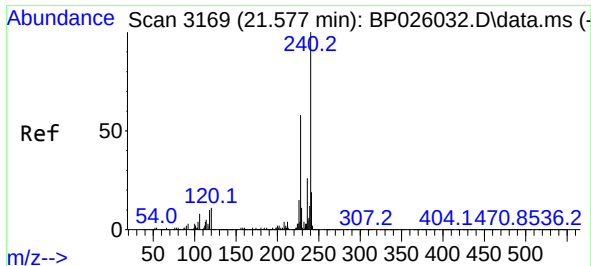
Tgt Ion: 77 Resp: 245514
Ion Ratio Lower Upper
77 100
182 90.0 6.4 46.4#
105 165.5 2.2 42.2#
51 39.7 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion: 188 Resp: 1674460
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 10.5 7.9 11.9

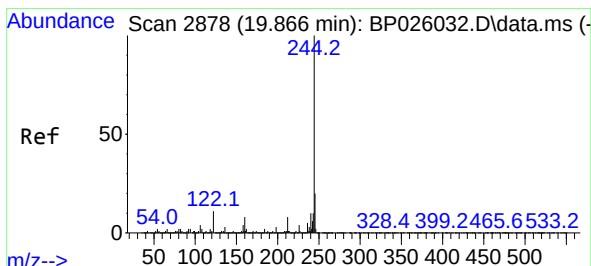
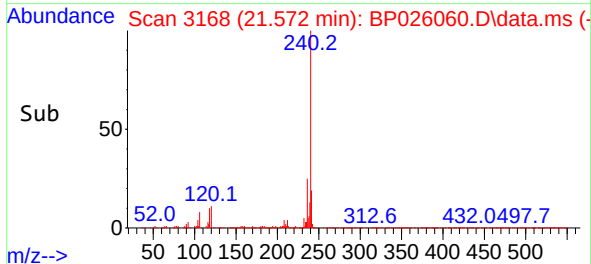
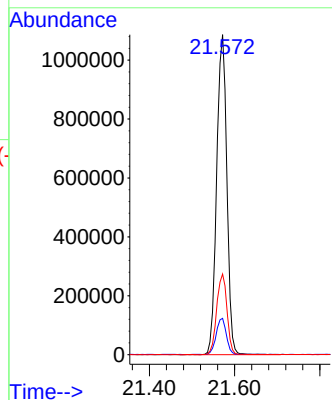
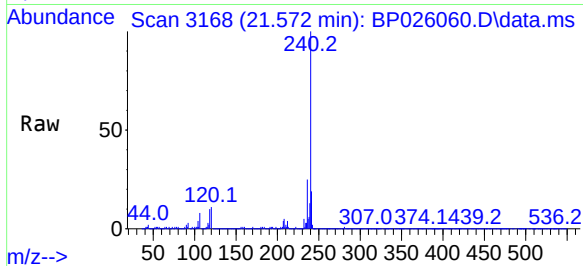




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

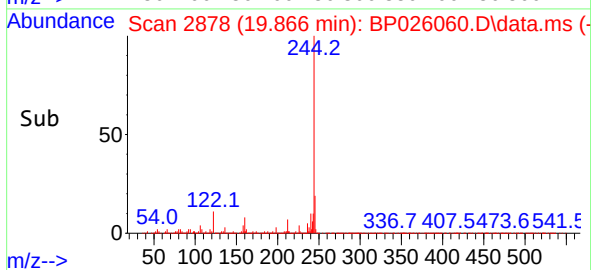
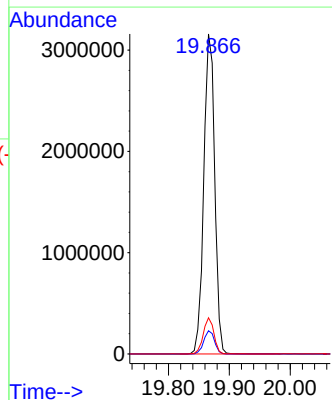
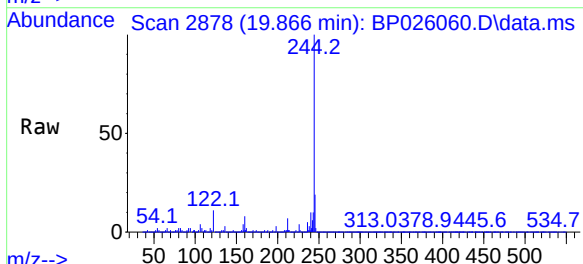
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

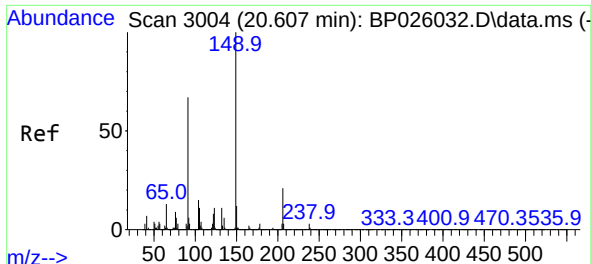
Tgt Ion:240 Resp: 1797769
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.2 20.6 31.0



#79
Terphenyl-d14
Concen: 44.480 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:244 Resp: 3935857
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.3 9.0 13.6

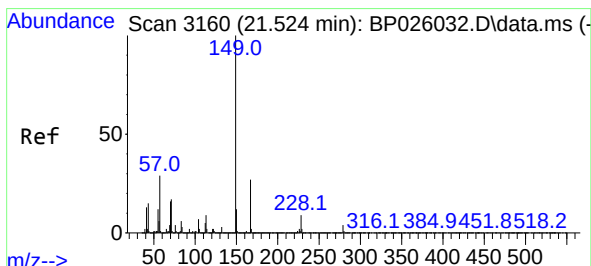
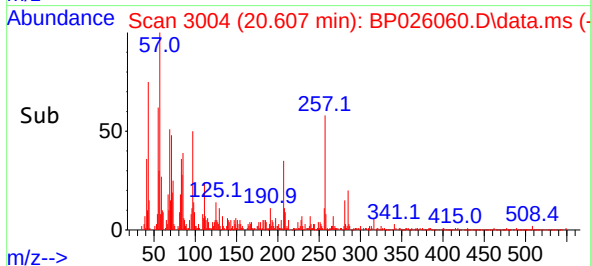
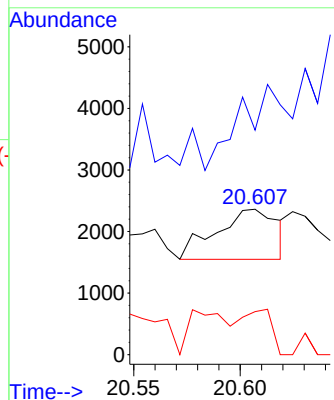
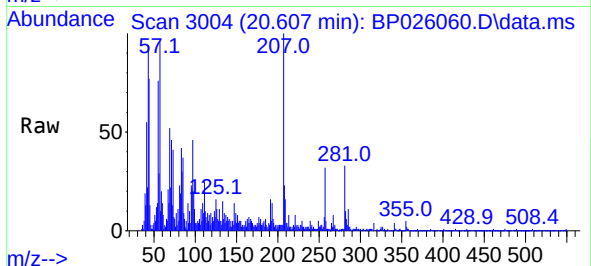




#80
Butylbenzylphthalate
Concen: 3.430 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

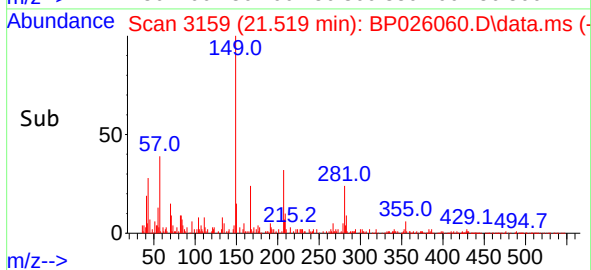
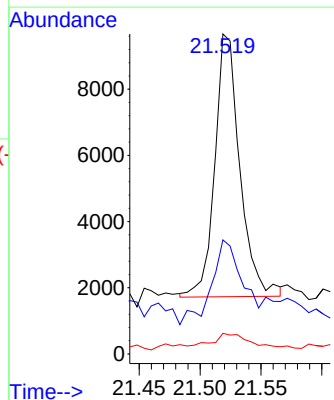
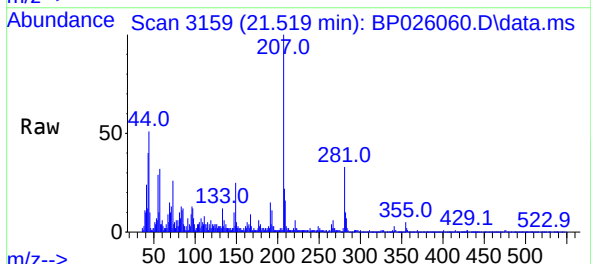
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

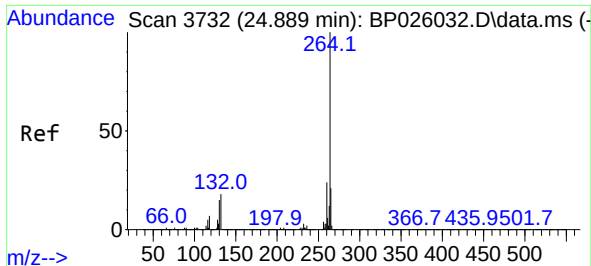
Tgt Ion:149 Resp: 1623
Ion Ratio Lower Upper
149 100
91 154.4 53.5 80.3#
206 29.6 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.746 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

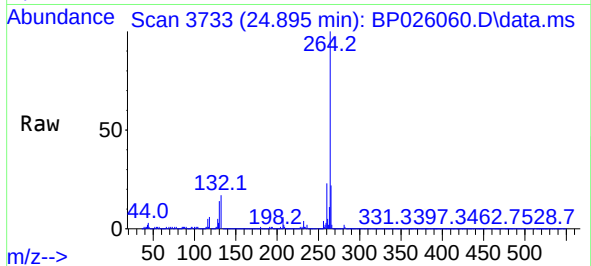
Tgt Ion:149 Resp: 11378
Ion Ratio Lower Upper
149 100
167 35.7 21.5 32.3#
279 6.4 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.895 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP026060.D
 Acq: 03 Nov 2025 16:13

Instrument :
 BNA_P
 ClientSampleId :
 SB-1025-2



Tgt Ion:264 Resp: 2045798

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.8	17.2	25.8

