

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026080.D
 Acq On : 06 Nov 2025 17:04
 Operator : RC/JU
 Sample : Q3534-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-1

Quant Time: Nov 07 01:00:34 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)

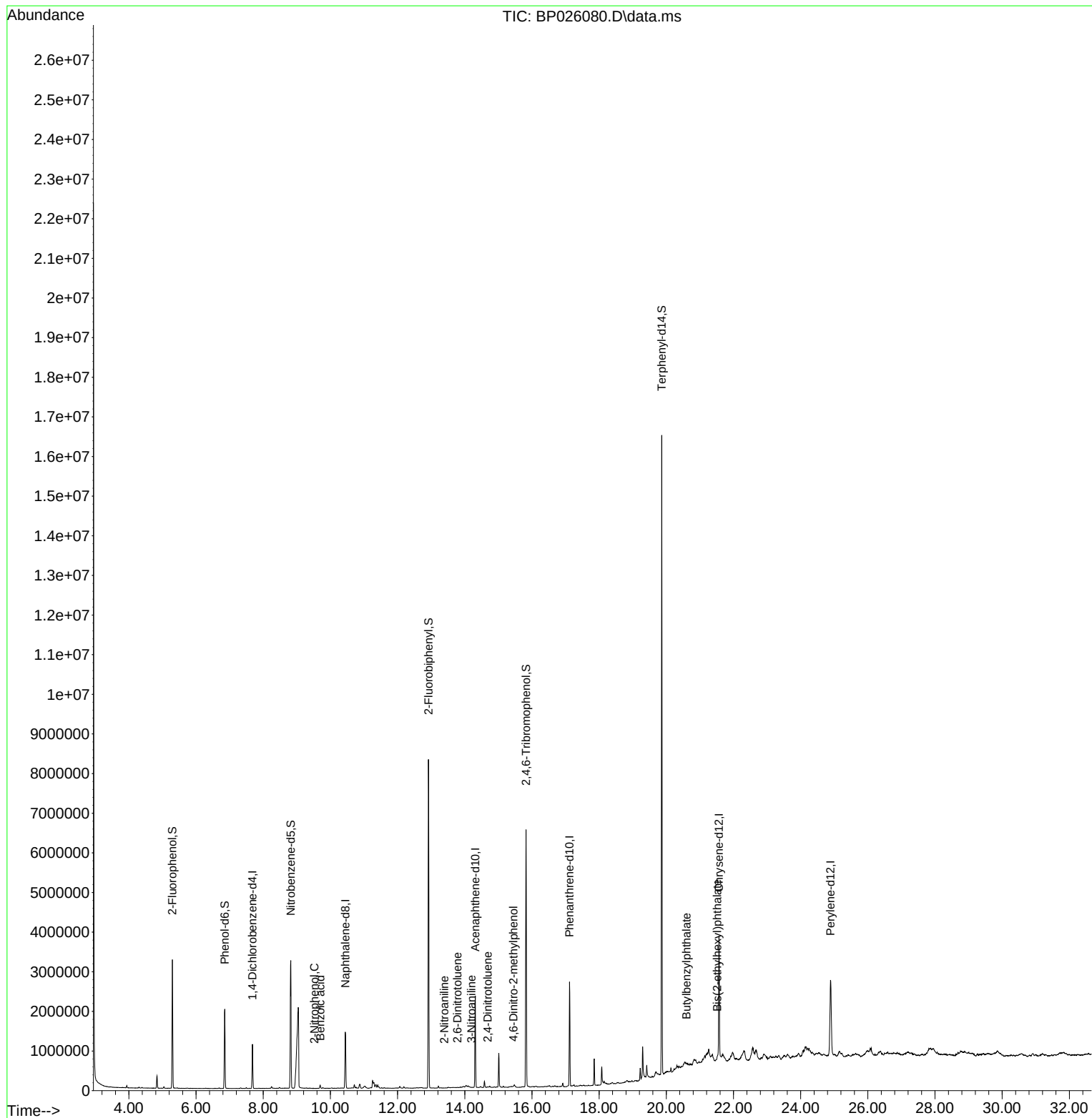
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	311794	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1217060	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	769070	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1563789	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1705423	20.000	ng	0.00
86) Perylene-d12	24.889	264	2009785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1377067	72.878	ng	0.00
7) Phenol-d6	6.855	99	1149647	47.802	ng	0.00
23) Nitrobenzene-d5	8.819	82	1765997	90.457	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1346021	161.890	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4173637	77.980	ng	-0.01
79) Terphenyl-d14	19.866	244	7228578	86.115	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.519	139	120	2.692	ng	# 1
32) Benzoic acid	9.696	122	29767	6.654	ng	98
48) 2-Nitroaniline	13.390	65	545	2.953	ng	# 43
51) 2,6-Dinitrotoluene	13.778	165	327	3.020	ng	93
53) 3-Nitroaniline	14.201	138	295	2.660	ng	# 19
57) 2,4-Dinitrotoluene	14.684	165	468	3.115	ng	# 78
65) 4,6-Dinitro-2-methylph...	15.448	198	154	2.001	ng	# 1
80) Butylbenzylphthalate	20.601	149	4465	3.493	ng	# 51
84) Bis(2-ethylhexyl)phtha...	21.519	149	24169	2.930	ng	# 86

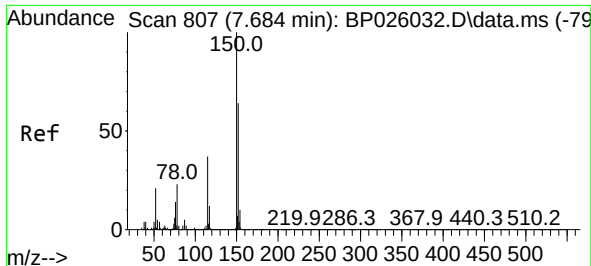
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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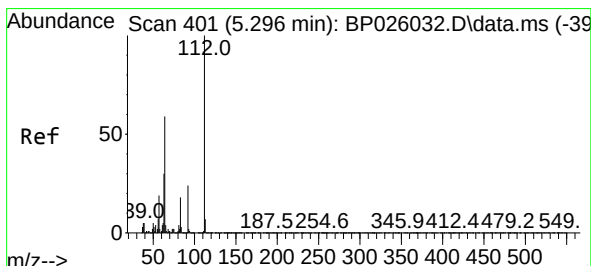
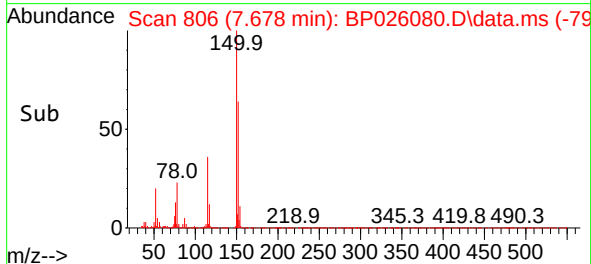
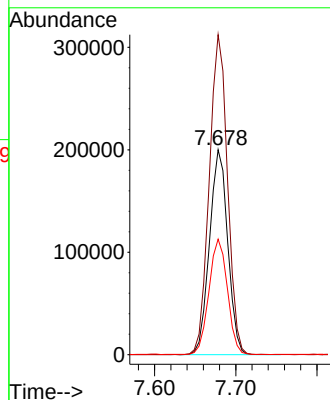
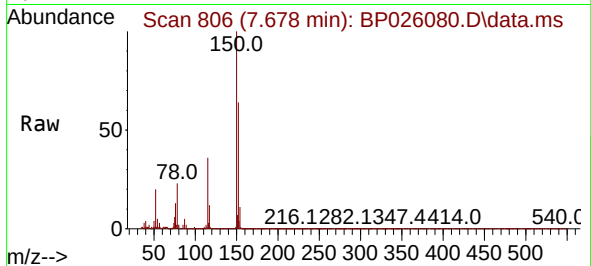




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

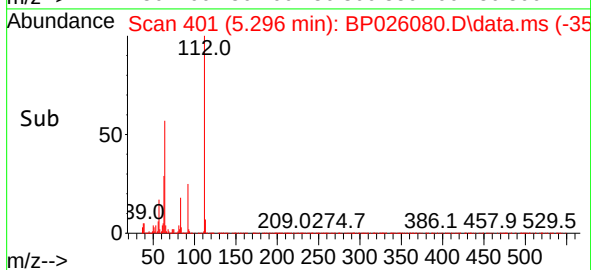
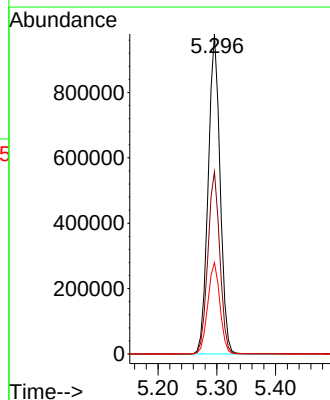
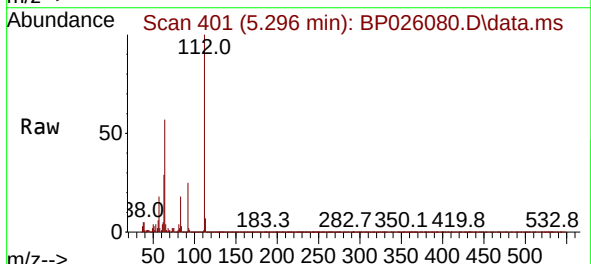
Instrument :
BNA_P
ClientSampleId :
FB-1

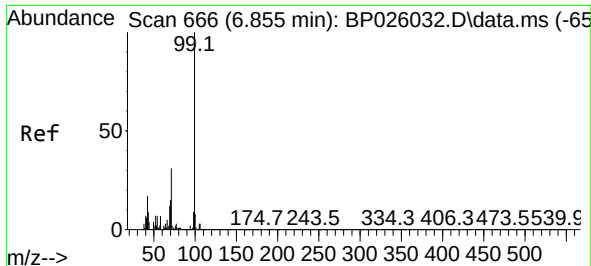
Tgt Ion:152 Resp: 311794
Ion Ratio Lower Upper
152 100
150 156.1 125.7 188.5
115 56.3 46.4 69.6



#5
2-Fluorophenol
Concen: 72.878 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:112 Resp: 1377067
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.2
63 28.6 24.2 36.4



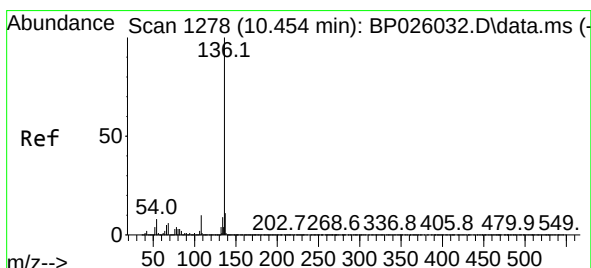
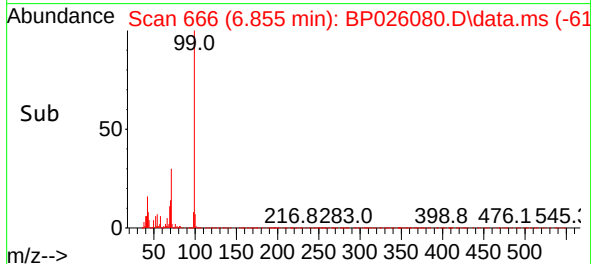
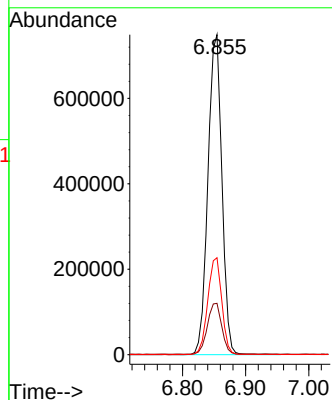
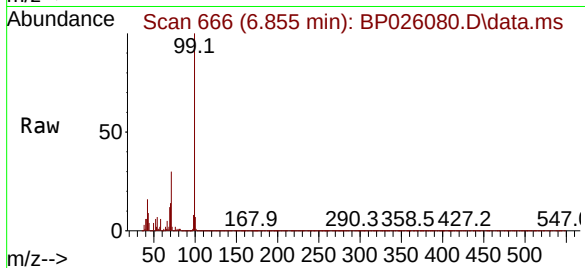


#7
Phenol-d6
Concen: 47.802 ng
RT: 6.855 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 1149647

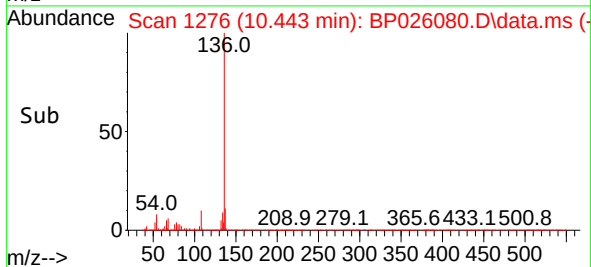
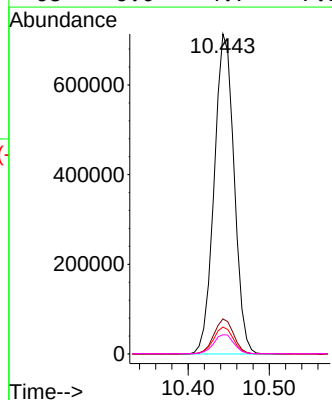
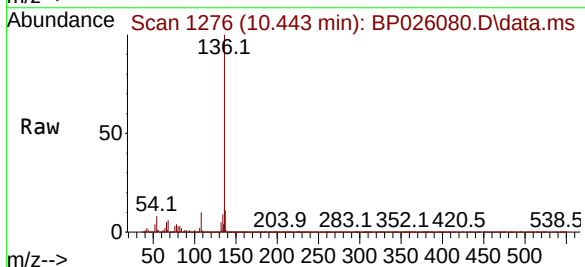
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.3	24.4	36.6

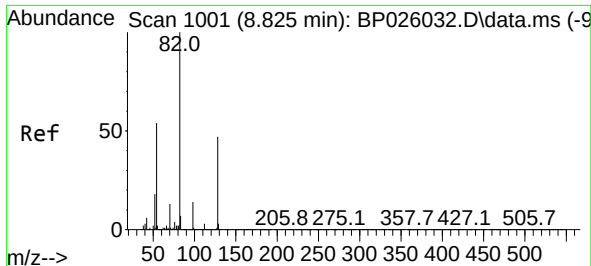


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion: 136 Resp: 1217060

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1

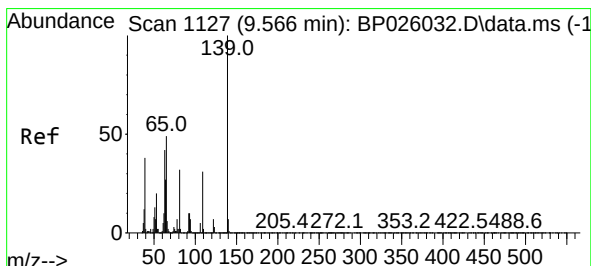
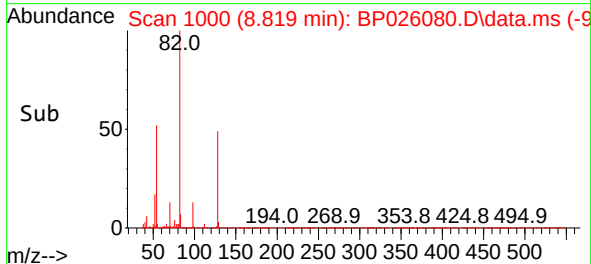
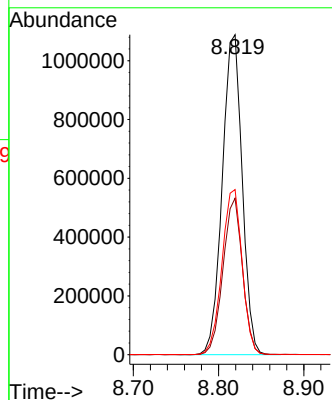
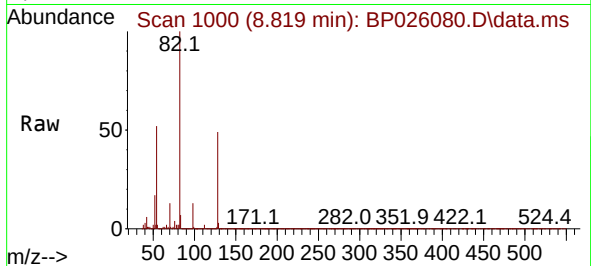




#23
Nitrobenzene-d5
Concen: 90.457 ng
RT: 8.819 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

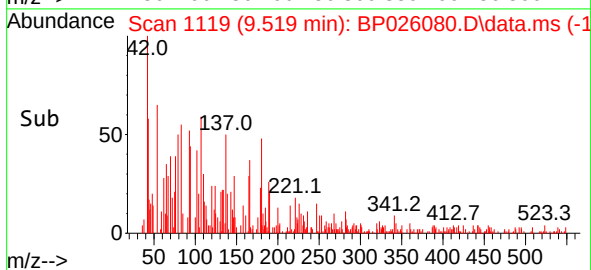
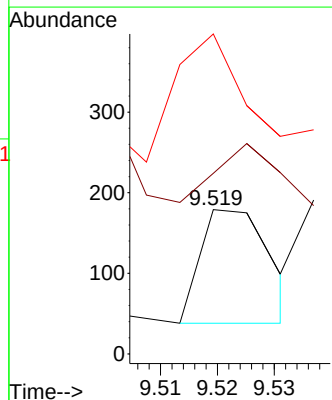
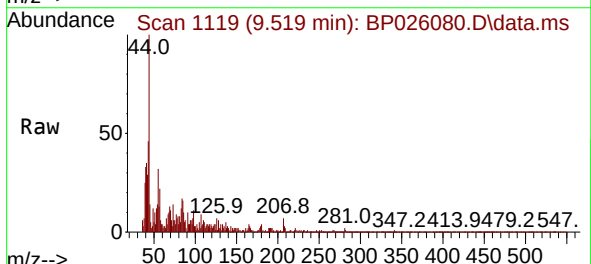
Instrument :
BNA_P
ClientSampleId :
FB-1

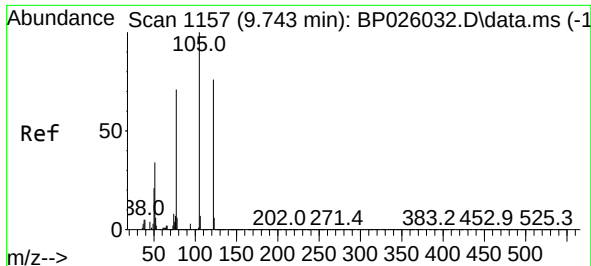
Tgt Ion: 82 Resp: 1765997
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.0
54 51.6 42.7 64.1



#26
2-Nitrophenol
Concen: 2.692 ng
RT: 9.519 min Scan# 1119
Delta R.T. -0.047 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 125.1 24.8 37.2#
65 221.8 39.0 58.4#

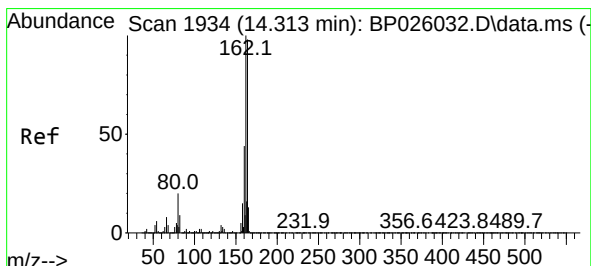
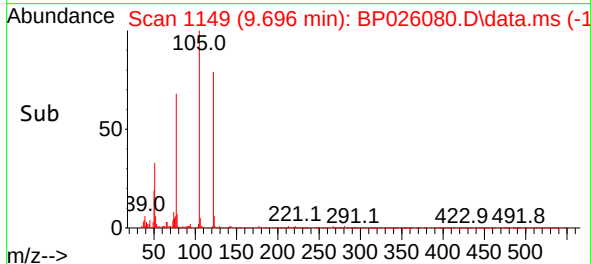
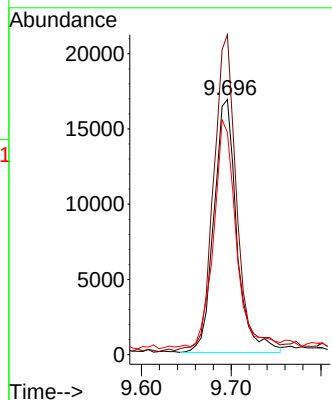
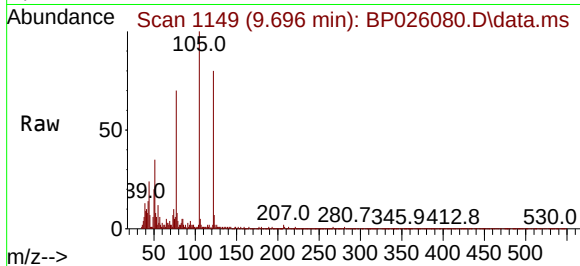




#32
Benzoic acid
Concen: 6.654 ng
RT: 9.696 min Scan# 1149
Delta R.T. -0.082 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

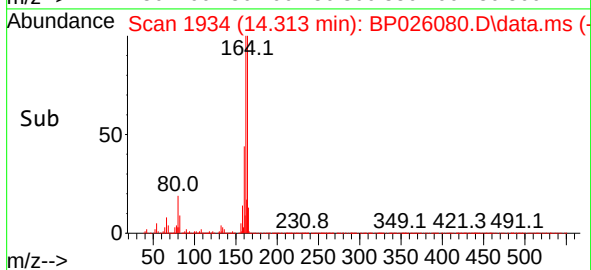
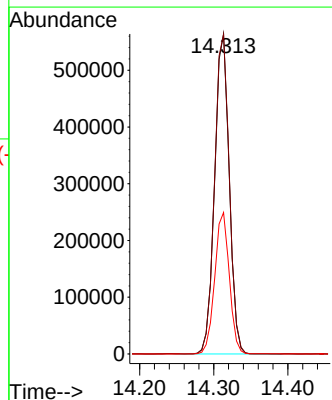
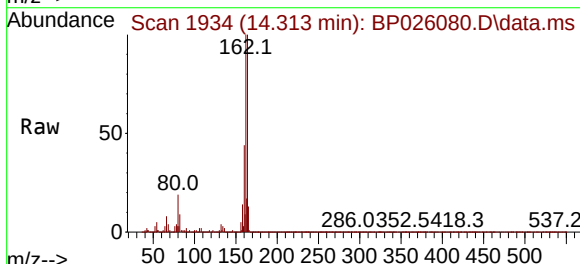
Instrument :
BNA_P
ClientSampleId :
FB-1

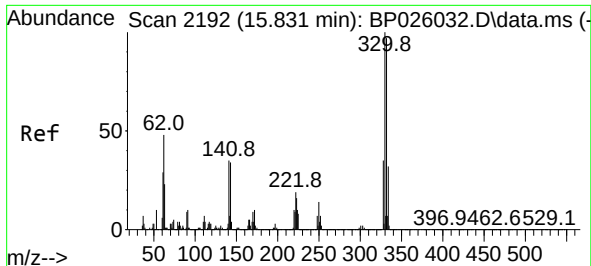
Tgt Ion:122 Resp: 29767
Ion Ratio Lower Upper
122 100
105 125.4 104.8 144.8
77 87.2 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:164 Resp: 769070
Ion Ratio Lower Upper
164 100
162 99.9 81.5 122.3
160 44.2 36.2 54.4

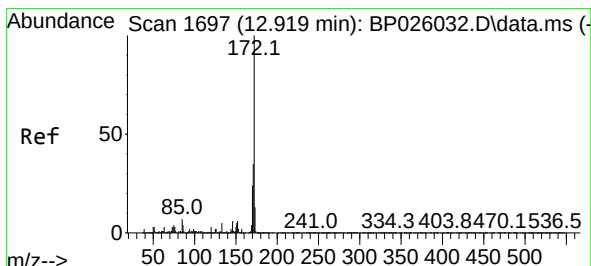
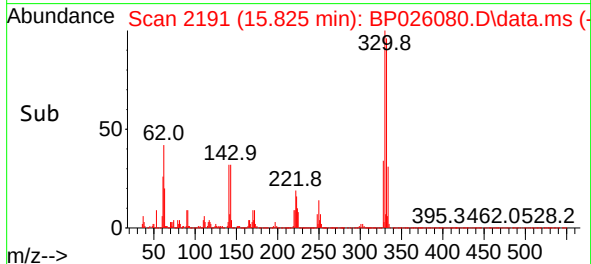
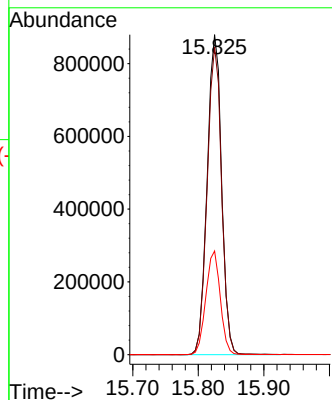
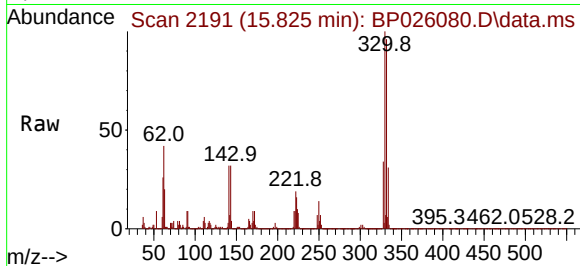




#42
2,4,6-Tribromophenol
Concen: 161.890 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

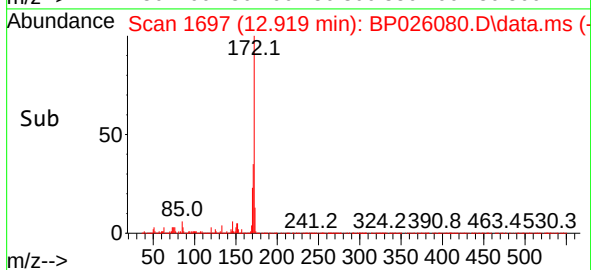
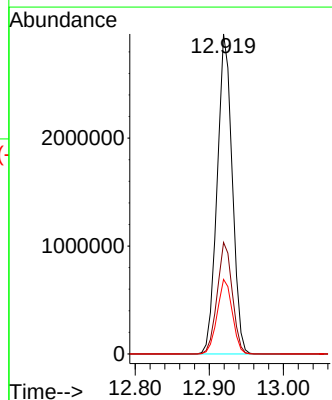
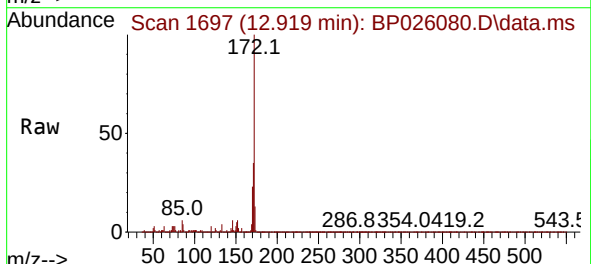
Instrument :
BNA_P
ClientSampleId :
FB-1

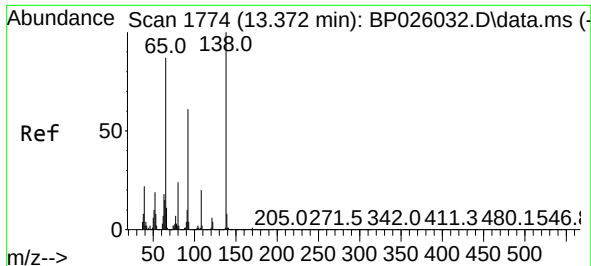
Tgt Ion:330 Resp: 1346021
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 77.980 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:172 Resp: 4173637
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 19.0 28.4

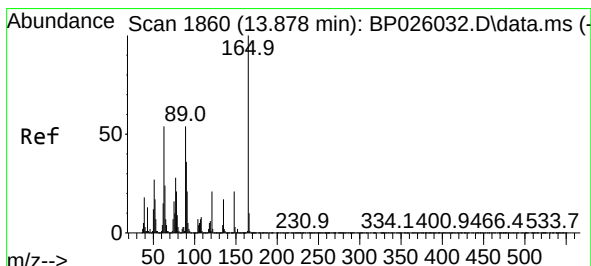
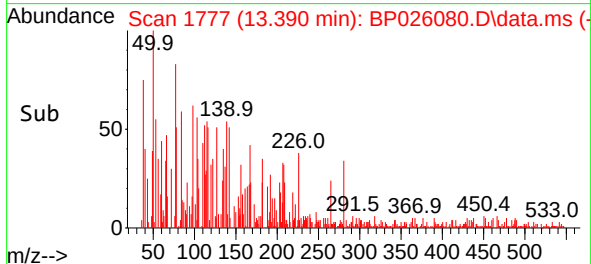
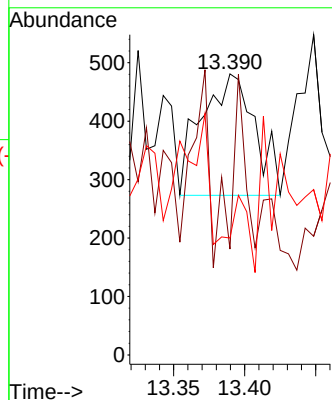
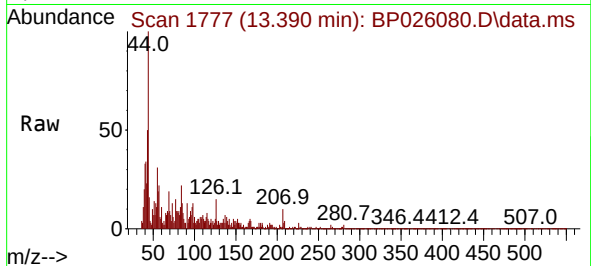




#48
2-Nitroaniline
Concen: 2.953 ng
RT: 13.390 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

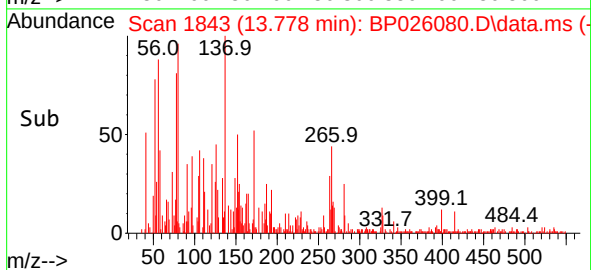
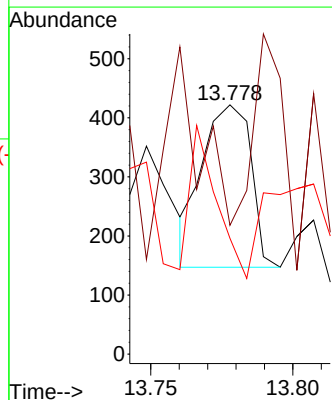
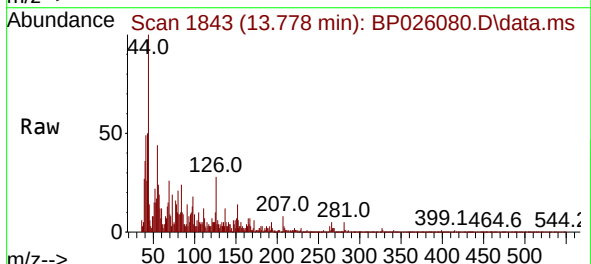
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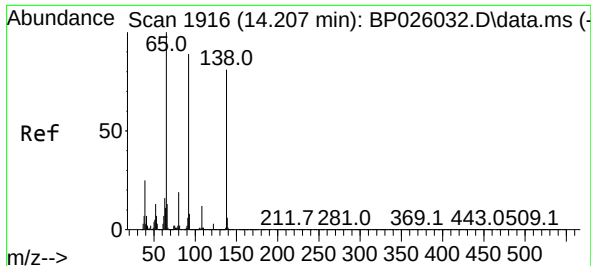
Tgt Ion: 65 Resp: 545
Ion Ratio Lower Upper
65 100
92 37.6 55.5 83.3#
138 41.6 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.020 ng
RT: 13.778 min Scan# 1843
Delta R.T. -0.100 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion: 165 Resp: 327
Ion Ratio Lower Upper
165 100
63 51.7 43.0 64.4
89 46.4 43.0 64.4

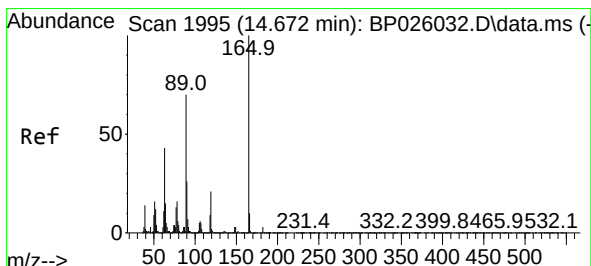
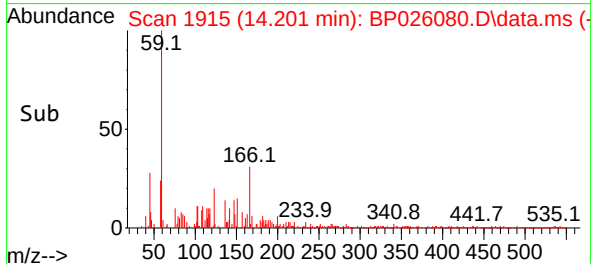
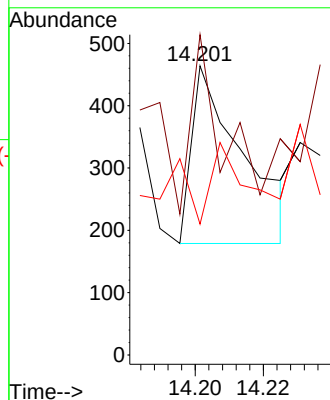
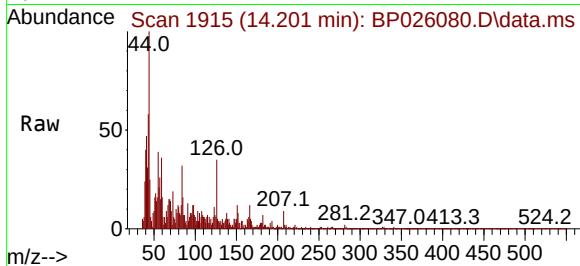




#53
3-Nitroaniline
Concen: 2.660 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

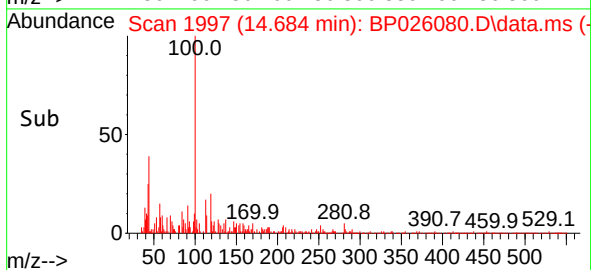
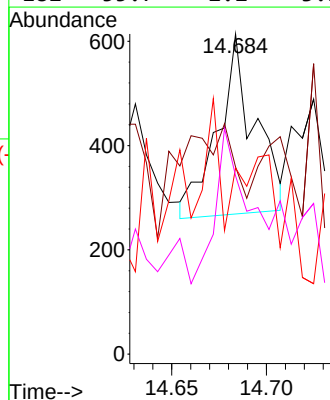
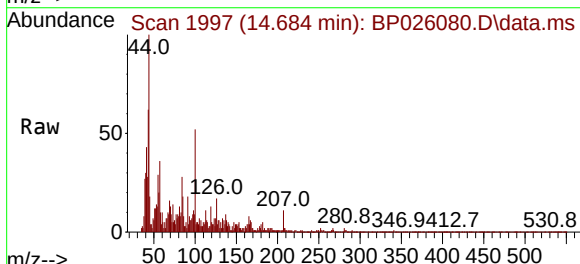
Instrument :
BNA_P
ClientSampleId :
FB-1

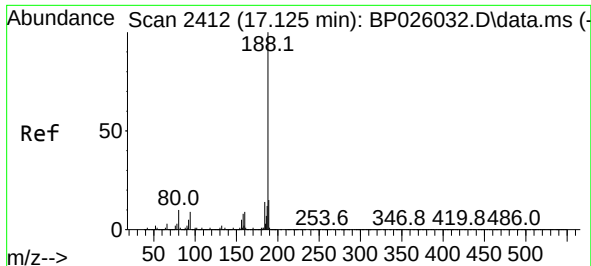
Tgt Ion:138 Resp: 295
Ion Ratio Lower Upper
138 100
108 110.8 11.4 17.0#
92 45.3 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.115 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:165 Resp: 468
Ion Ratio Lower Upper
165 100
63 58.5 34.2 51.2#
89 58.1 56.0 84.0
182 55.7 2.2 3.2#

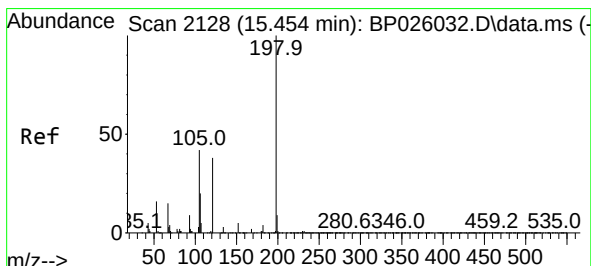
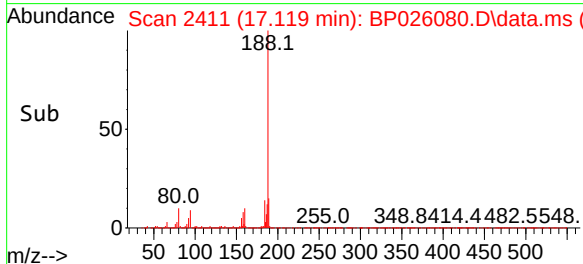
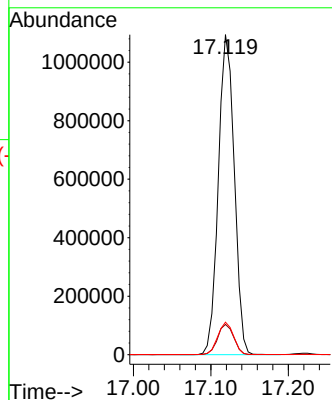
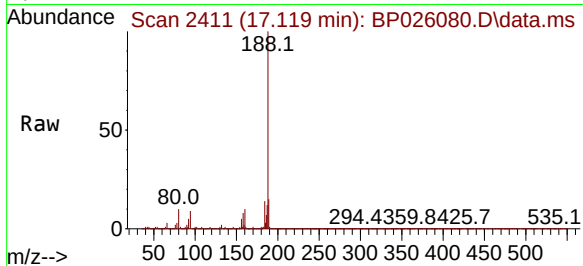




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

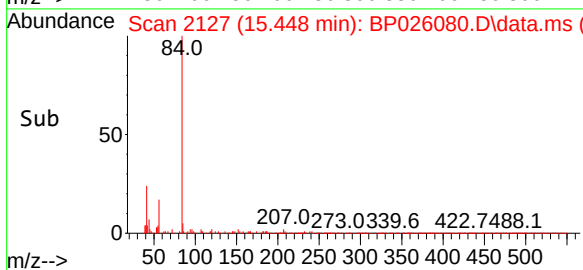
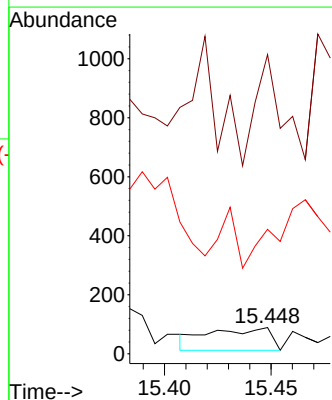
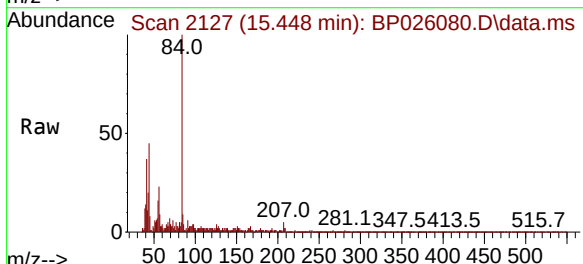
Instrument :
BNA_P
ClientSampleId :
FB-1

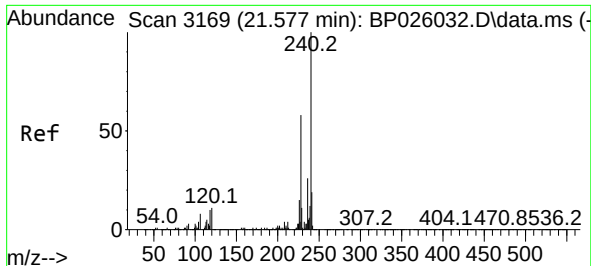
Tgt Ion:188 Resp: 1563789
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 2.001 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:198 Resp: 154
Ion Ratio Lower Upper
198 100
51 1139.3 25.2 65.2#
105 474.2 23.7 63.7#

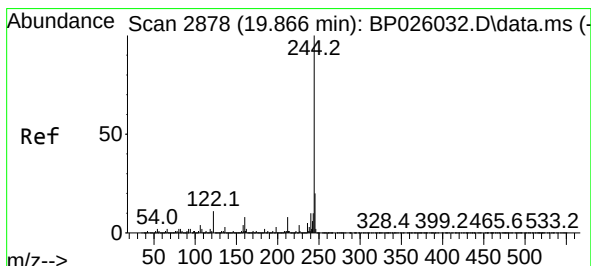
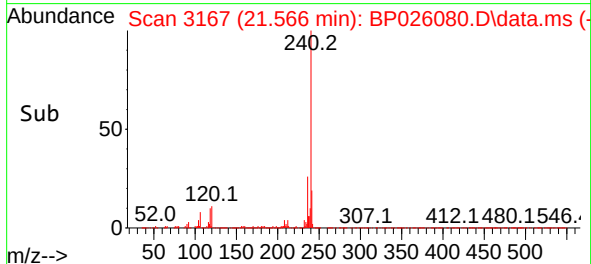
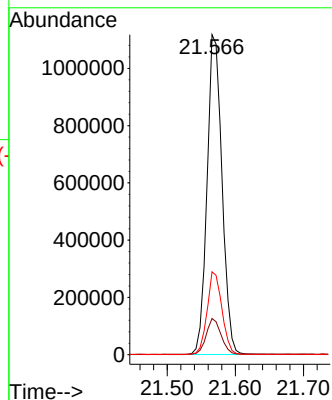
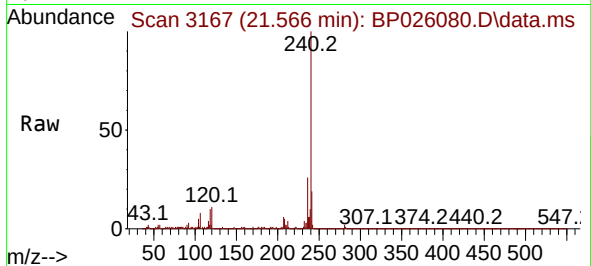




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

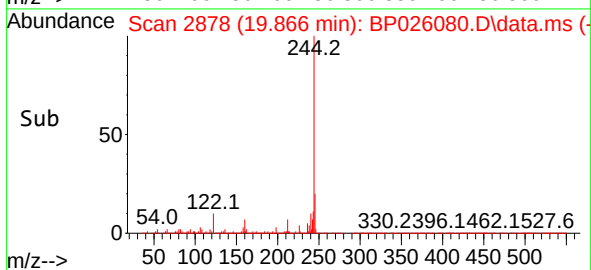
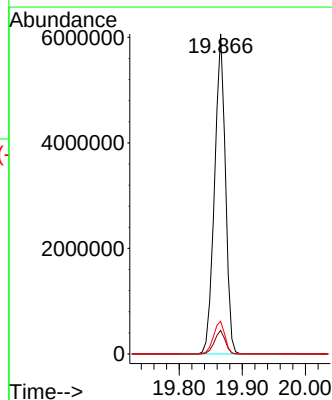
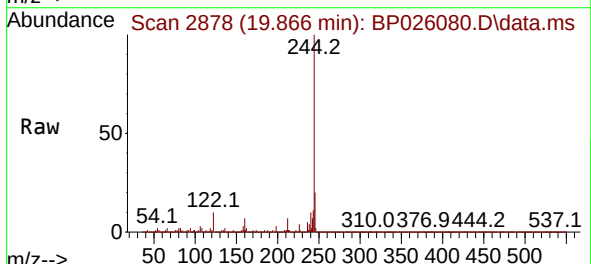
Instrument :
BNA_P
ClientSampleId :
FB-1

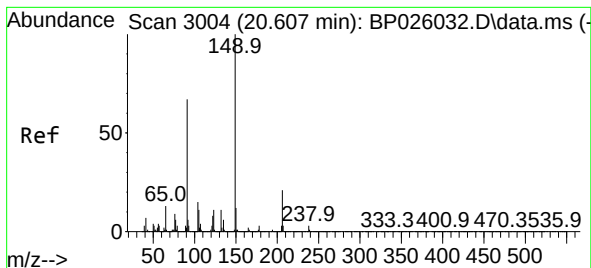
Tgt Ion:240 Resp: 1705423
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 86.115 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:244 Resp: 7228578
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.2 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.493 ng

RT: 20.601 min Scan# 3004

Delta R.T. -0.006 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

Instrument :

BNA_P

ClientSampleId :

FB-1

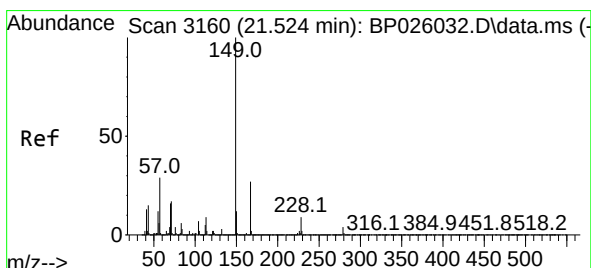
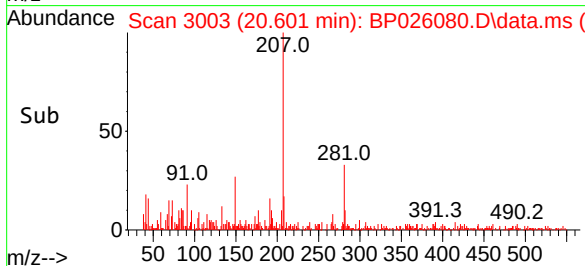
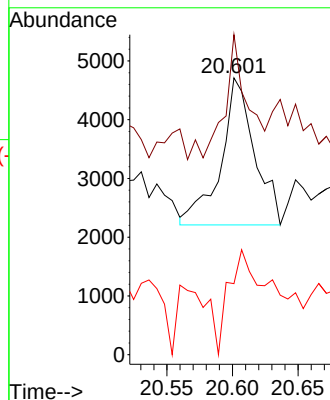
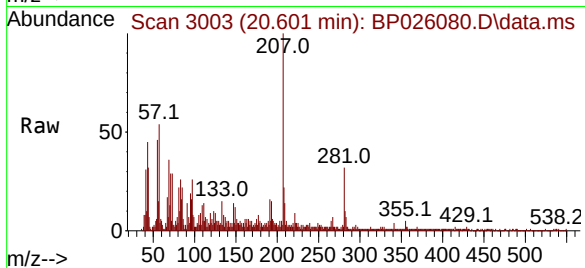
Tgt Ion:149 Resp: 4465

Ion Ratio Lower Upper

149 100

91 115.6 53.5 80.3#

206 25.7 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.930 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.001 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

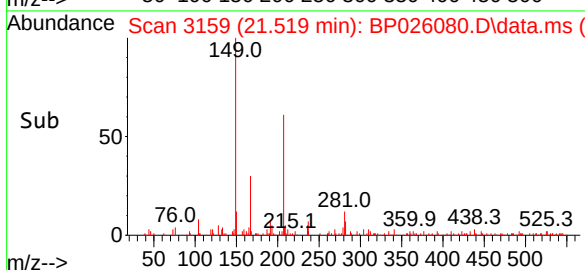
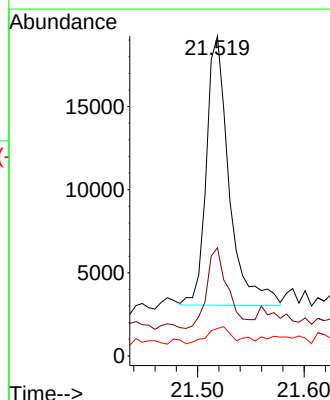
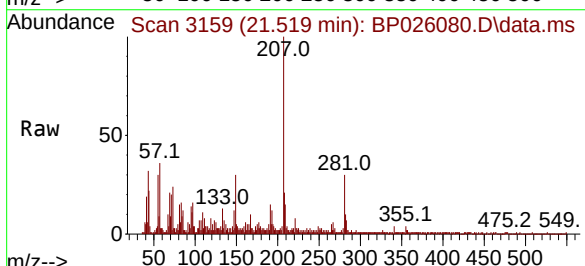
Tgt Ion:149 Resp: 24169

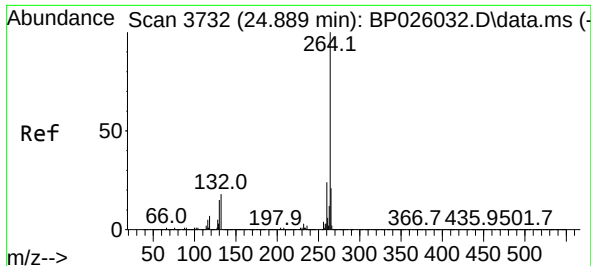
Ion Ratio Lower Upper

149 100

167 33.8 21.5 32.3#

279 8.6 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:264 Resp: 2009785

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.9	17.2	25.8

