

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
 Data File : BP026074.D
 Acq On : 04 Nov 2025 17:15
 Operator : RC/JU
 Sample : Q3520-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-02-103125

Quant Time: Nov 04 17:37:28 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)

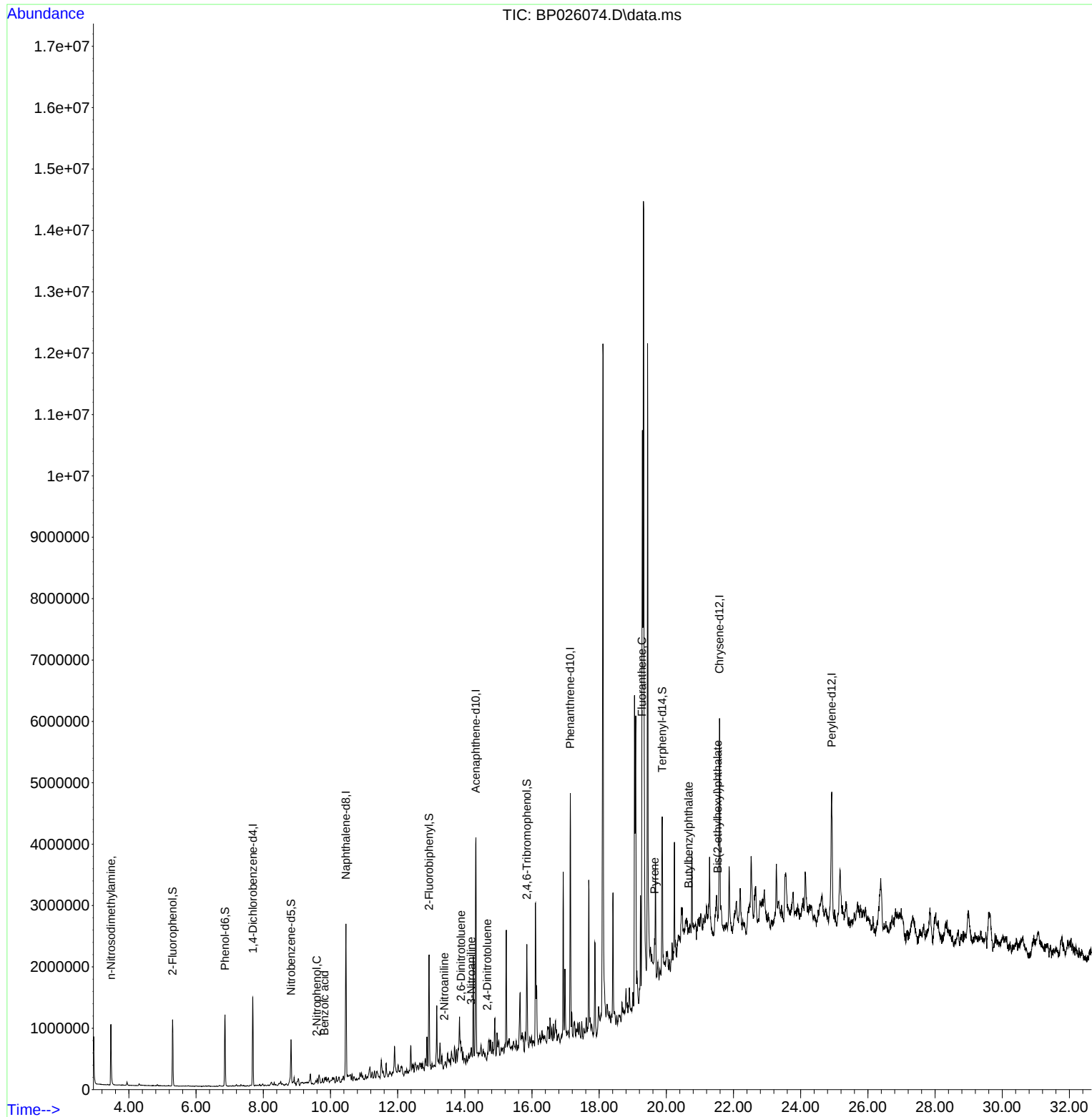
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	411517	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	1820070	20.000	ng	0.00
39) Acenaphthene-d10	14.330	164	1263877	20.000	ng	0.01
64) Phenanthrene-d10	17.142	188	2540023	20.000	ng	0.02
76) Chrysene-d12	21.583	240	2111588	20.000	ng	0.02
86) Perylene-d12	24.924	264	2261058	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.301	112	488491	19.587	ng	0.00
7) Phenol-d6	6.860	99	671955	21.169	ng	0.00
23) Nitrobenzene-d5	8.825	82	386527	13.239	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	310708	22.740	ng	0.02
45) 2-Fluorobiphenyl	12.936	172	1095584	12.456	ng	0.00
79) Terphenyl-d14	19.877	244	1535751	14.776	ng	0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.466	42	28968	2.418	ng	# 1
26) 2-Nitrophenol	9.595	139	1380	2.792	ng	# 1
32) Benzoic acid	9.819	122	384	3.147	ng	# 1
48) 2-Nitroaniline	13.389	65	1663	2.989	ng	# 67
51) 2,6-Dinitrotoluene	13.883	165	4446	3.234	ng	# 64
53) 3-Nitroaniline	14.189	138	2483	2.751	ng	# 47
57) 2,4-Dinitrotoluene	14.671	165	1117	3.128	ng	# 62
75) Fluoranthene	19.271	202	345401	2.003	ng	95
78) Pyrene	19.648	202	342135	2.396	ng	97
80) Butylbenzylphthalate	20.665	149	5044	3.485	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.530	149	14765	2.761	ng	# 43

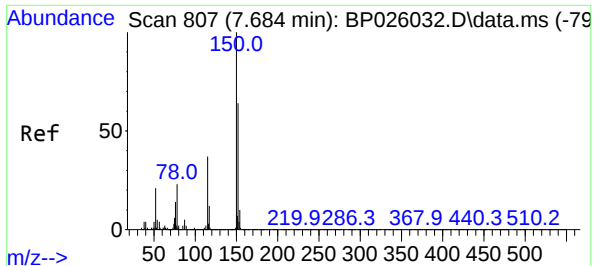
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
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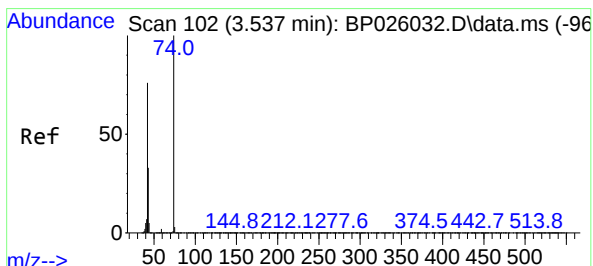
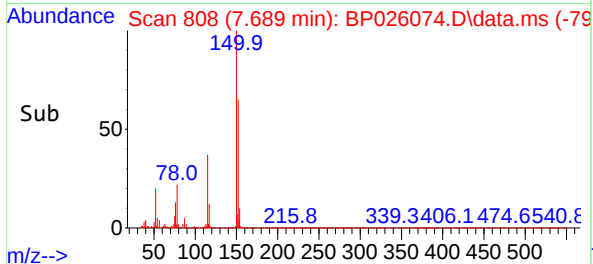
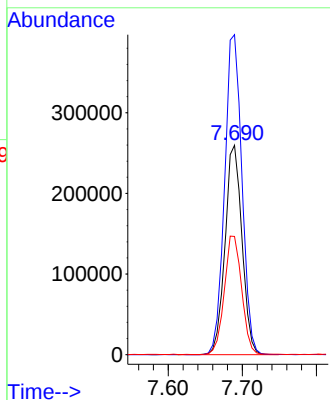
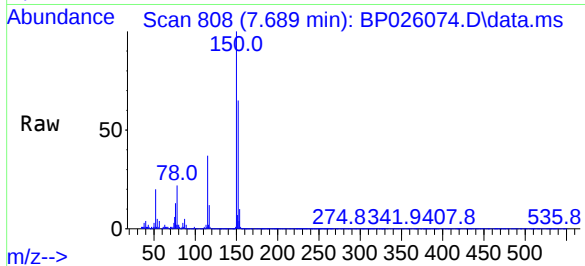




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.689 min Scan# 80
Delta R.T. -0.001 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

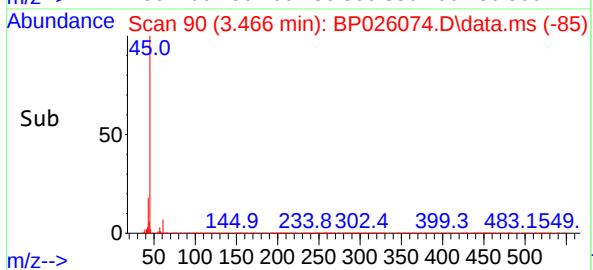
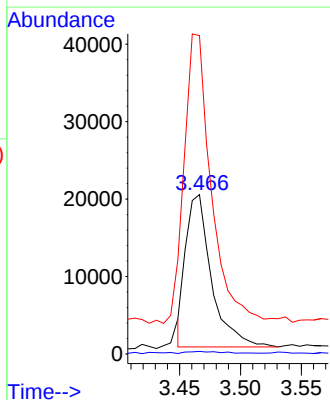
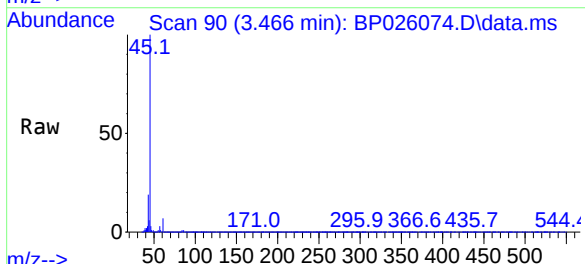
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

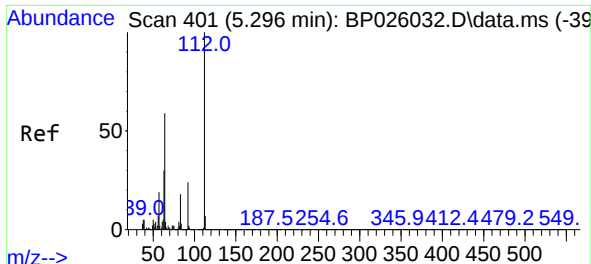
Tgt Ion:152 Resp: 411517
Ion Ratio Lower Upper
152 100
150 152.8 125.7 188.5
115 56.5 46.4 69.6



#4
n-Nitrosodimethylamine
Concen: 2.418 ng
RT: 3.466 min Scan# 90
Delta R.T. -0.071 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion: 42 Resp: 28968
Ion Ratio Lower Upper
42 100
74 1.7 105.7 158.5#
44 199.8 6.6 9.8#

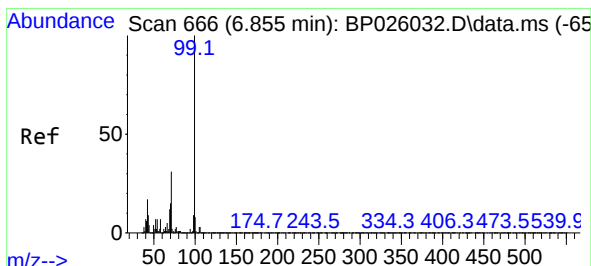
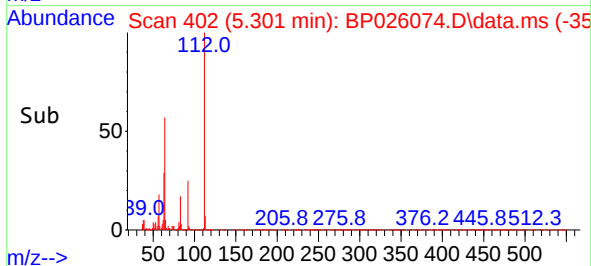
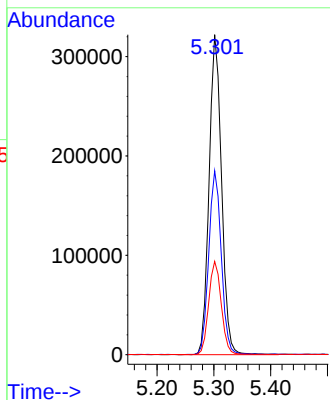
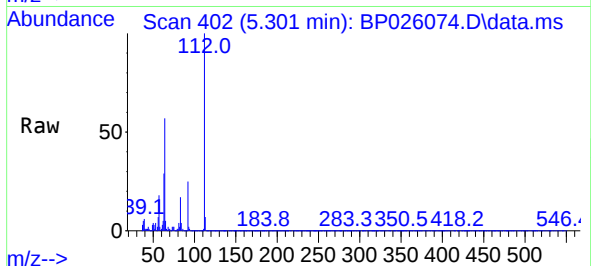




#5
2-Fluorophenol
Concen: 19.587 ng
RT: 5.301 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

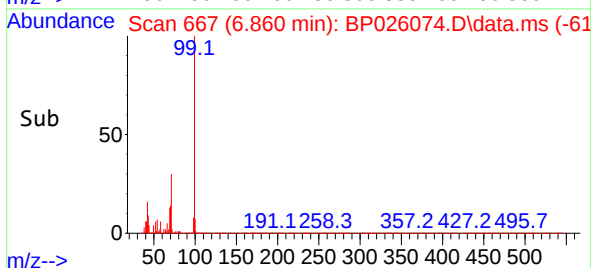
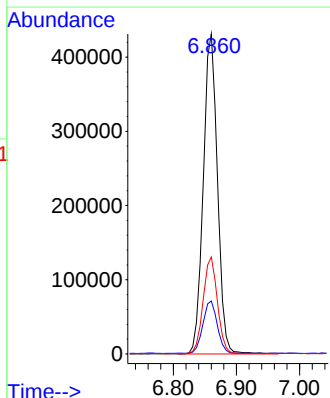
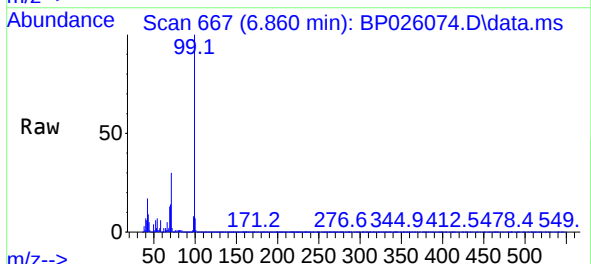
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

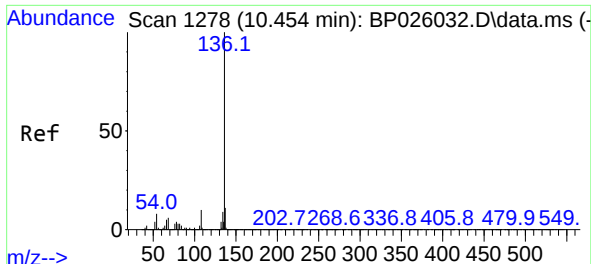
Tgt Ion:112 Resp: 488491
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.2 24.2 36.4



#7
Phenol-d6
Concen: 21.169 ng
RT: 6.860 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion: 99 Resp: 671955
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 30.3 24.4 36.6

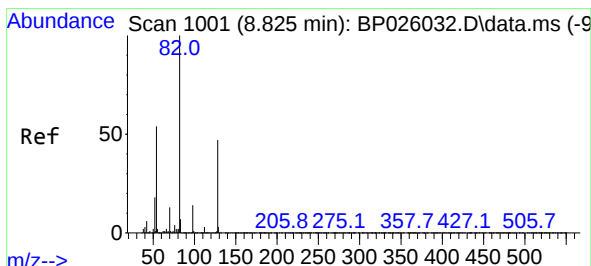
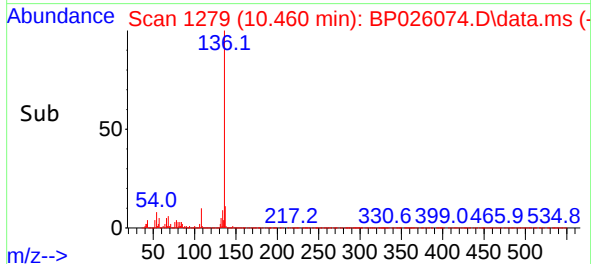
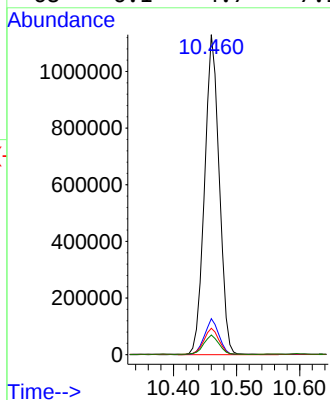
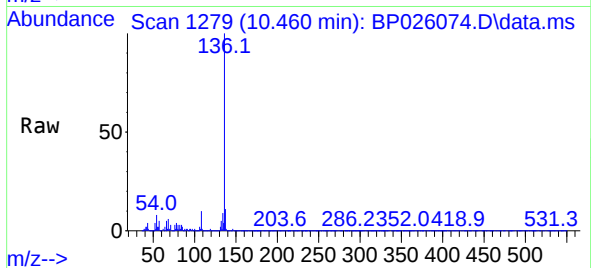




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.460 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

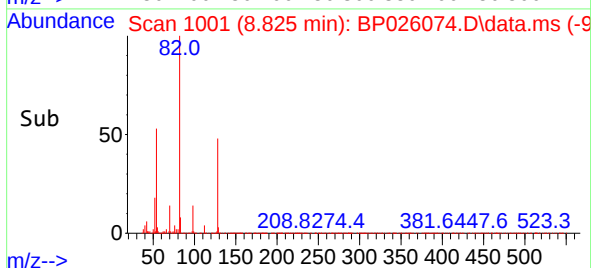
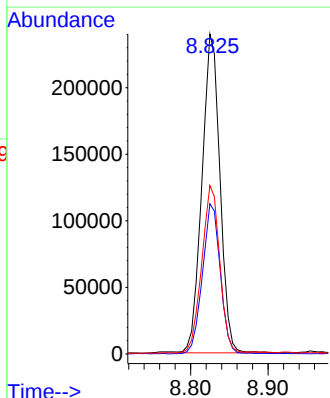
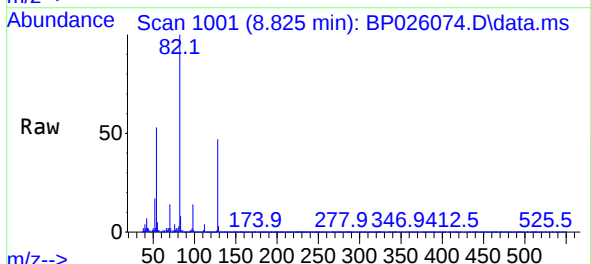
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

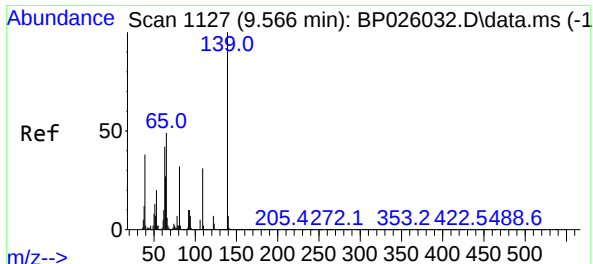
Tgt Ion:136 Resp: 1820070
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 6.6 10.0
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 13.239 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion: 82 Resp: 386527
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 52.6 42.7 64.1

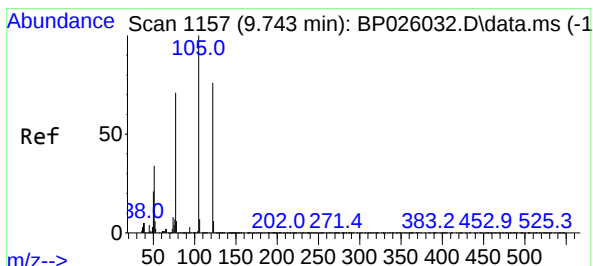
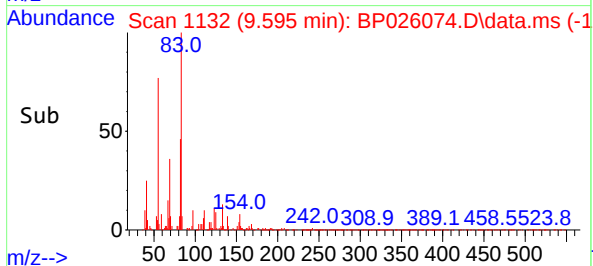
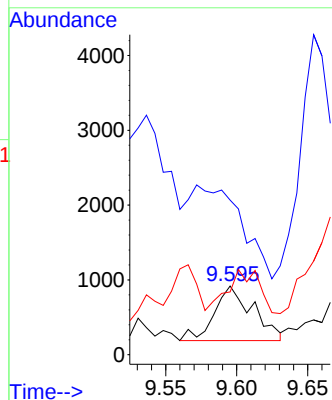
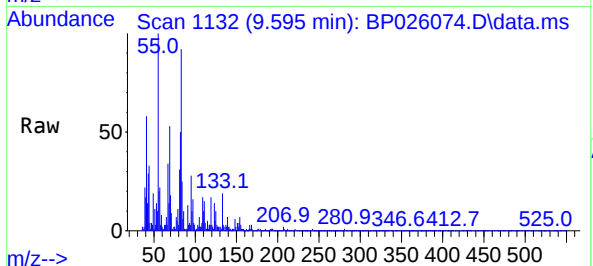




#26
2-Nitrophenol
Concen: 2.792 ng
RT: 9.595 min Scan# 1127
Delta R.T. 0.029 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

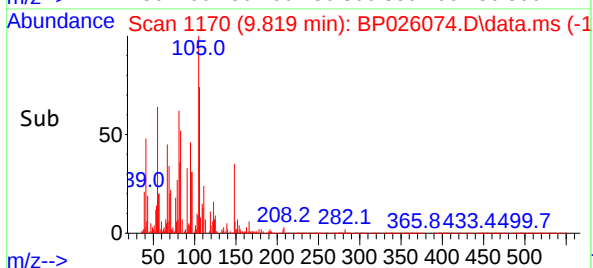
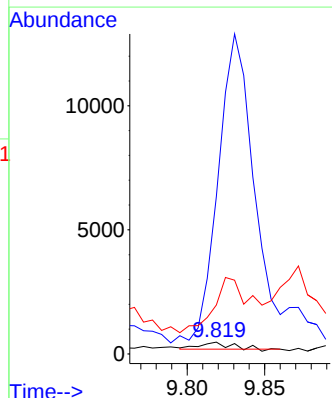
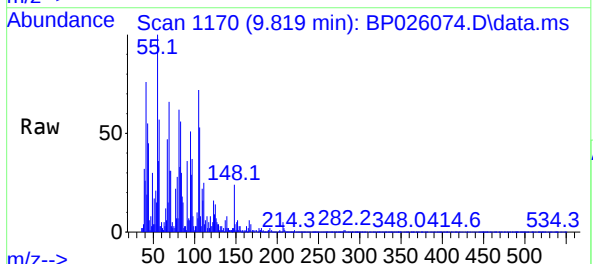
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BNA_P
ClientSampleId :
EO-02-103125

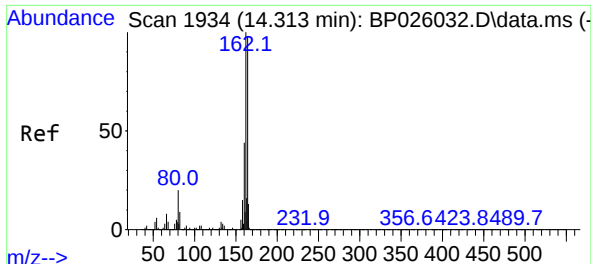
Tgt Ion:139	Resp:	1380
Ion	Ratio	Lower Upper
139	100	
109	225.3	24.8 37.2#
65	91.4	39.0 58.4#



#32
Benzoic acid
Concen: 3.147 ng
RT: 9.819 min Scan# 1170
Delta R.T. 0.041 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:122	Resp:	384
Ion	Ratio	Lower Upper
122	100	
105	1324.4	104.8 144.8#
77	411.5	70.9 110.9#

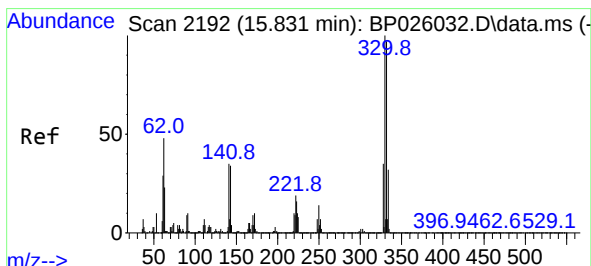
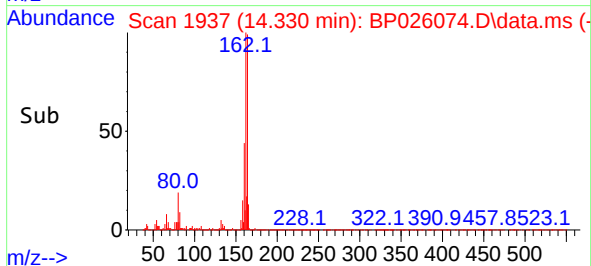
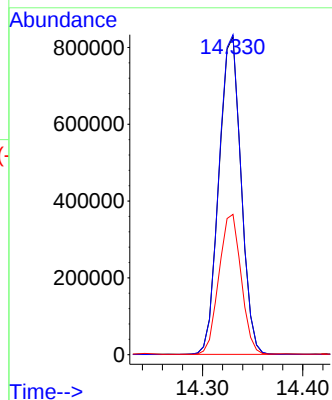
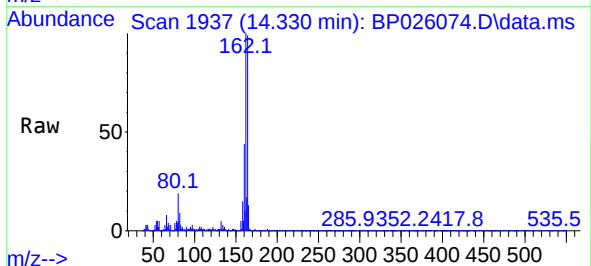




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.330 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

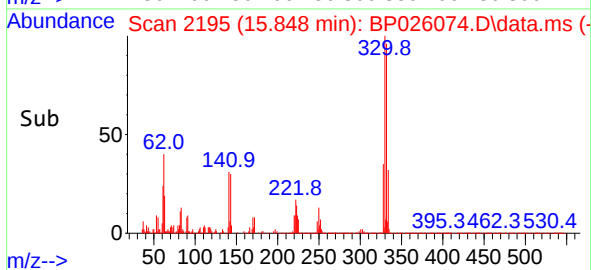
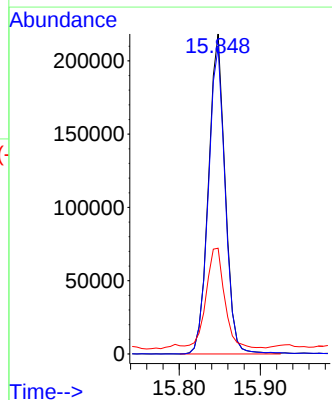
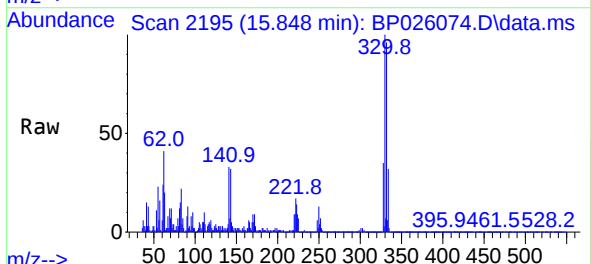
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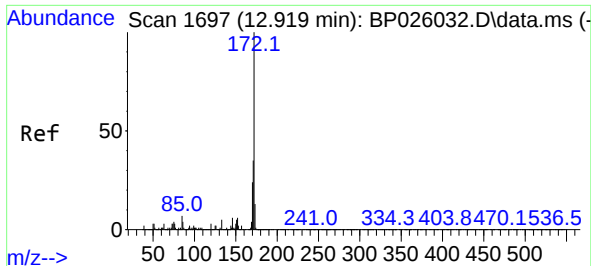
Tgt Ion:164 Resp: 1263877
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 22.740 ng
RT: 15.848 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:330 Resp: 310708
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.4 28.6 42.8

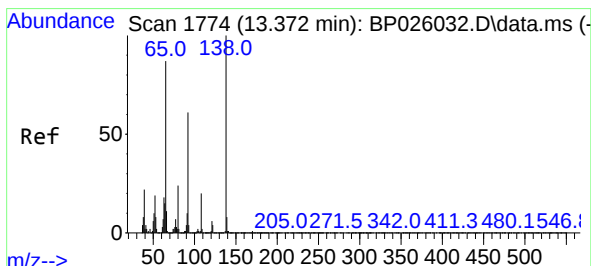
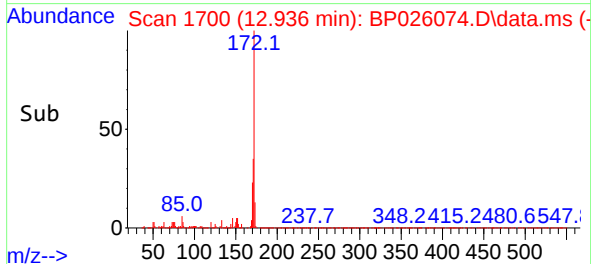
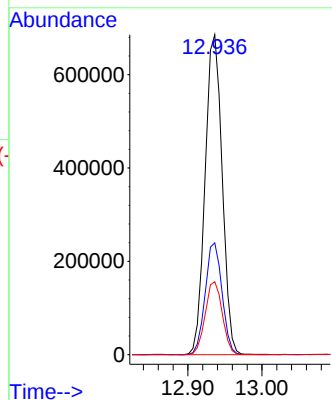
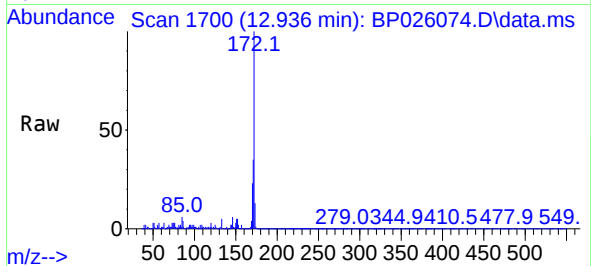




#45
2-Fluorobiphenyl
Concen: 12.456 ng
RT: 12.936 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

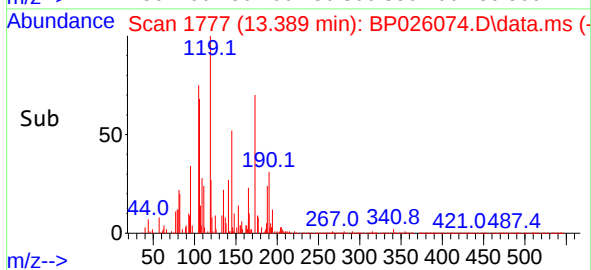
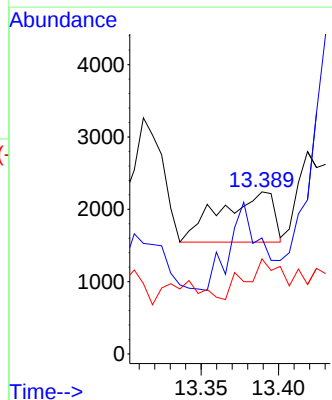
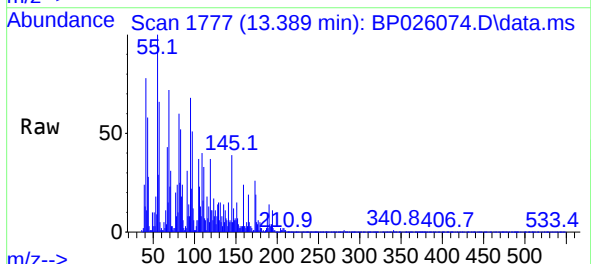
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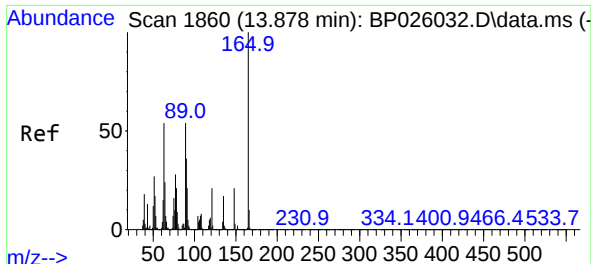
Tgt Ion:172 Resp: 1095584
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.8 19.0 28.4



#48
2-Nitroaniline
Concen: 2.989 ng
RT: 13.389 min Scan# 1777
Delta R.T. 0.011 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion: 65 Resp: 1663
Ion Ratio Lower Upper
65 100
92 71.6 55.5 83.3
138 58.6 91.7 137.5#

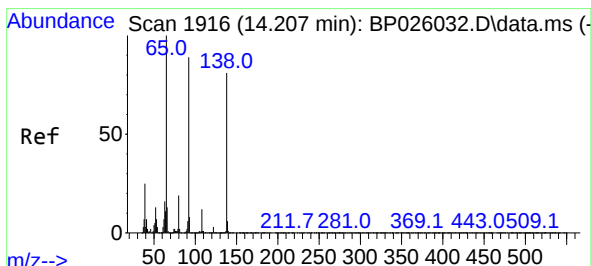
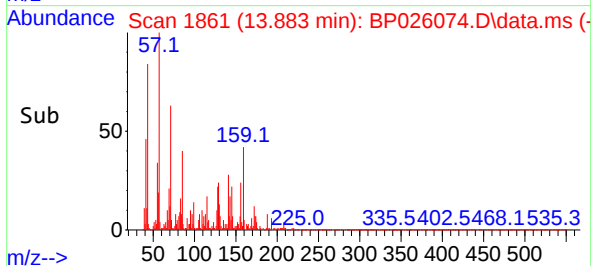
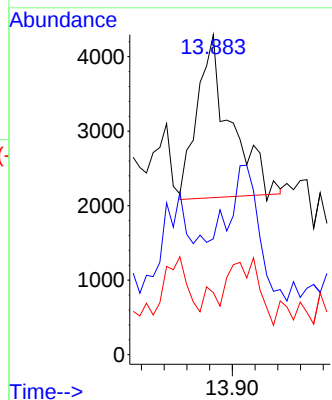
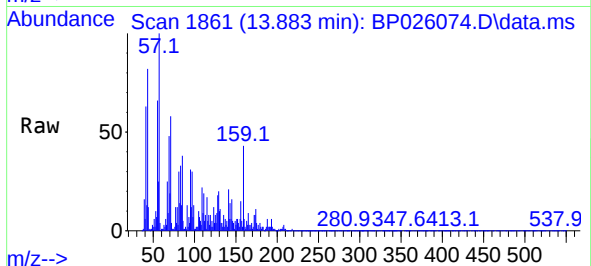




#51
2,6-Dinitrotoluene
Concen: 3.234 ng
RT: 13.883 min Scan# 1861
Delta R.T. 0.005 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

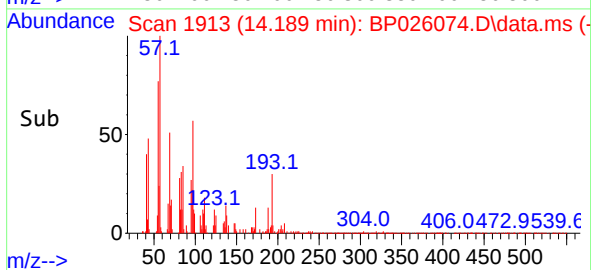
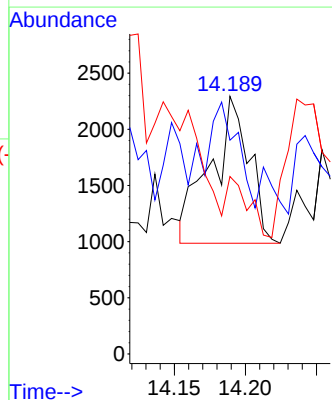
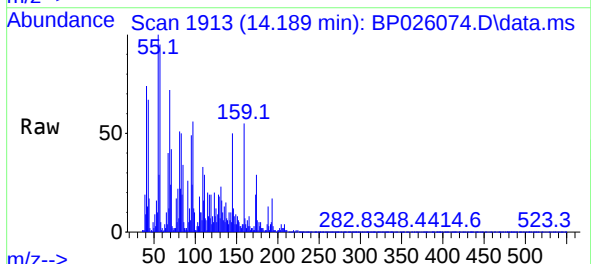
Instrument :
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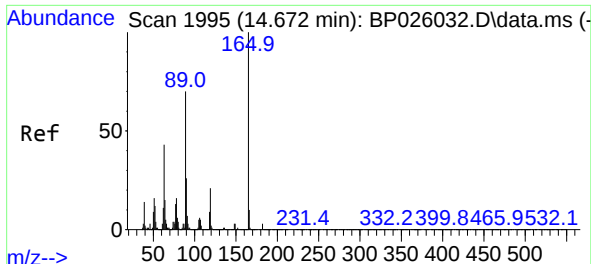
Tgt Ion:165 Resp: 4446
Ion Ratio Lower Upper
165 100
63 36.2 43.0 64.4#
89 19.4 43.0 64.4#



#53
3-Nitroaniline
Concen: 2.751 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.018 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:138 Resp: 2483
Ion Ratio Lower Upper
138 100
108 83.0 11.4 17.0#
92 68.9 87.1 130.7#



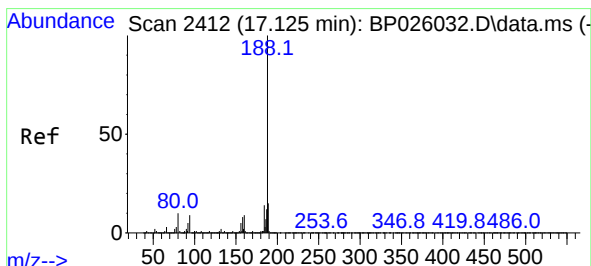
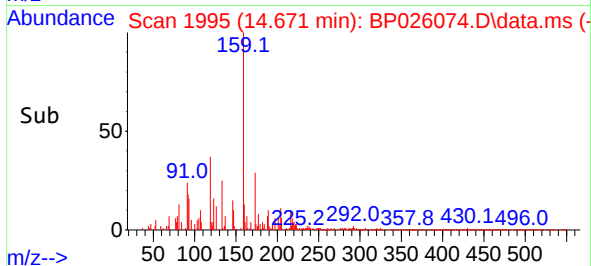
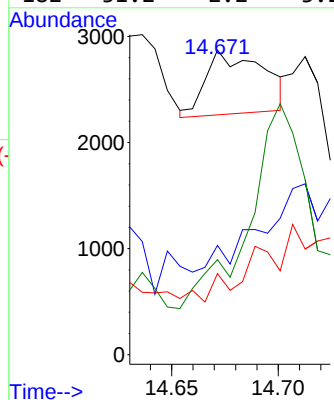
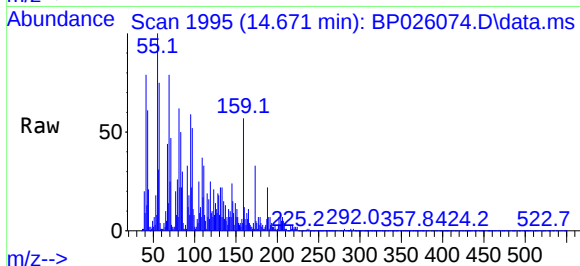


#57
2,4-Dinitrotoluene
Concen: 3.128 ng
RT: 14.671 min Scan# 1995
Delta R.T. -0.007 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Instrument :
BNA_P
ClientSampleId :
EO-02-103125

Tgt Ion:165 Resp: 1117

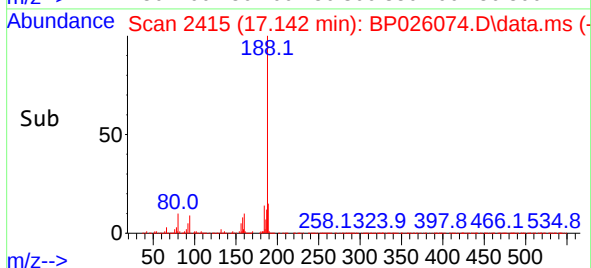
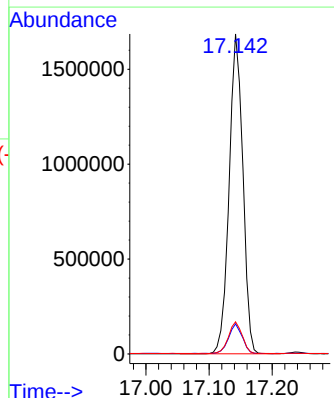
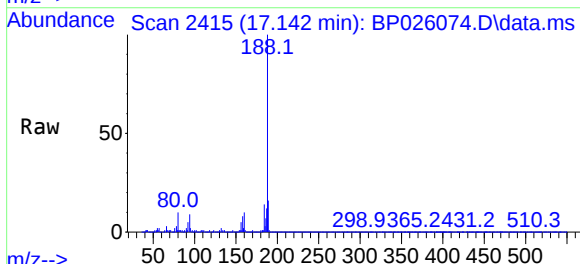
Ion	Ratio	Lower	Upper
165	100		
63	35.9	34.2	51.2
89	26.6	56.0	84.0#
182	31.2	2.2	3.2#

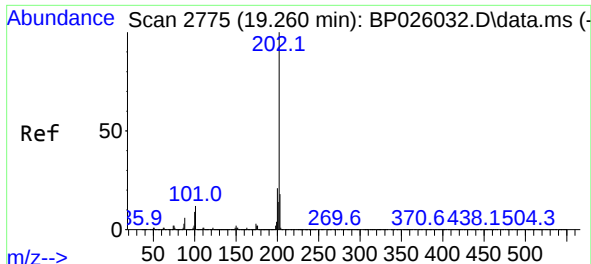


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.017 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:188 Resp: 2540023

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.0	7.9	11.9

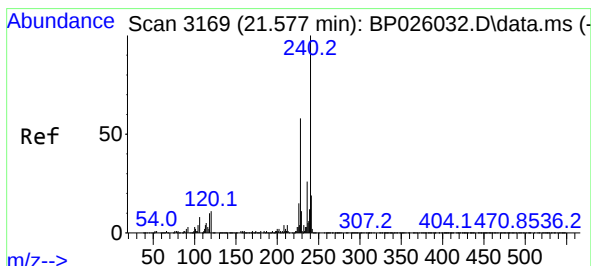
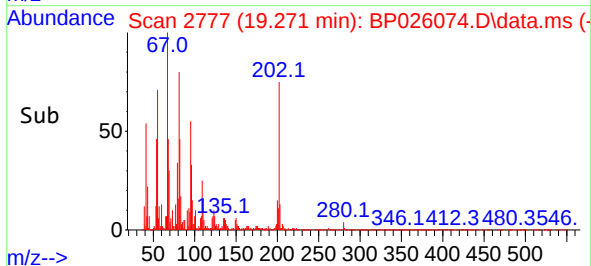
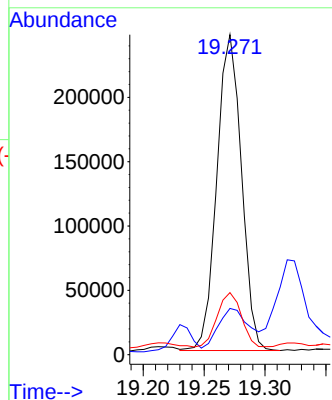
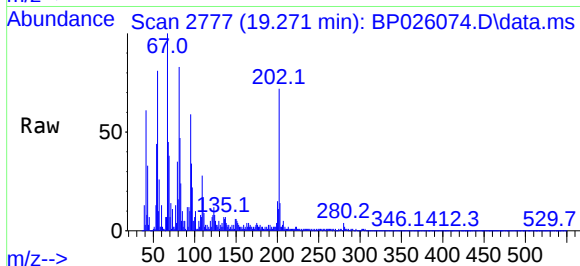




#75
Fluoranthene
Concen: 2.003 ng
RT: 19.271 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

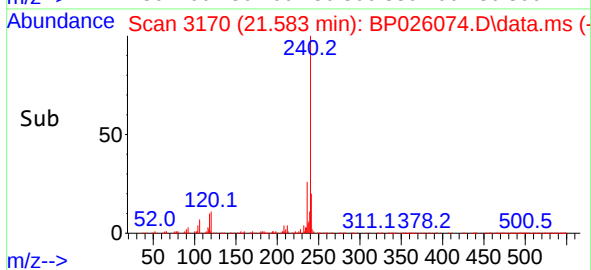
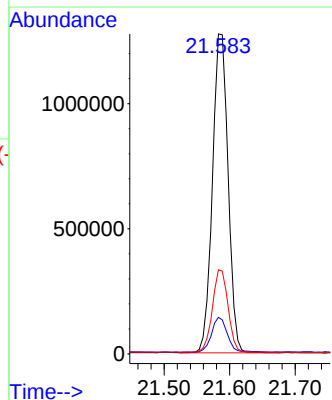
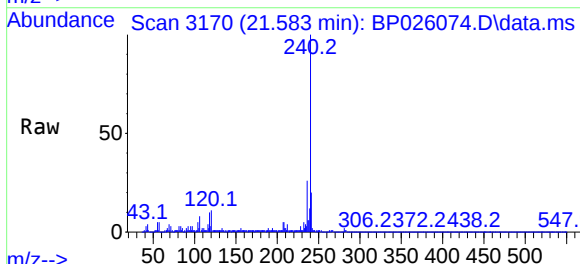
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

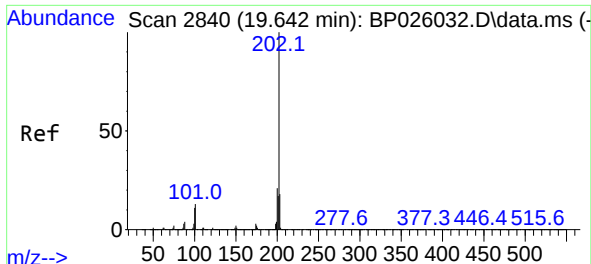
Tgt Ion:202 Resp: 345401
Ion Ratio Lower Upper
202 100
101 14.5 0.0 32.1
203 19.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.017 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:240 Resp: 2111588
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.3 20.6 31.0

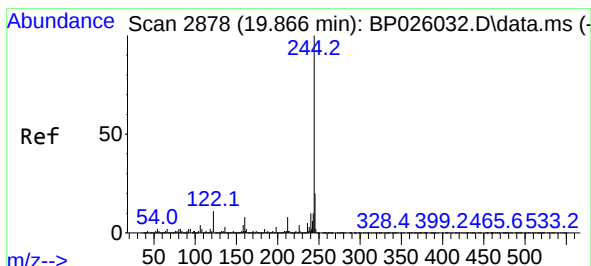
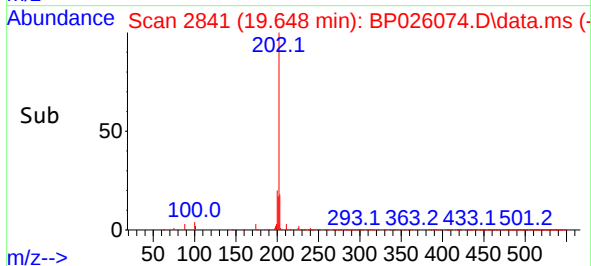
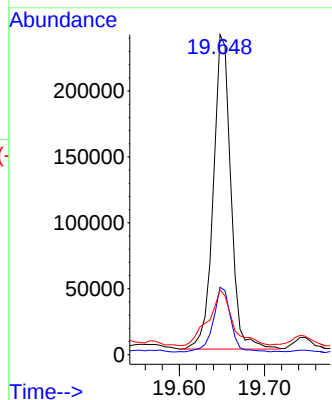
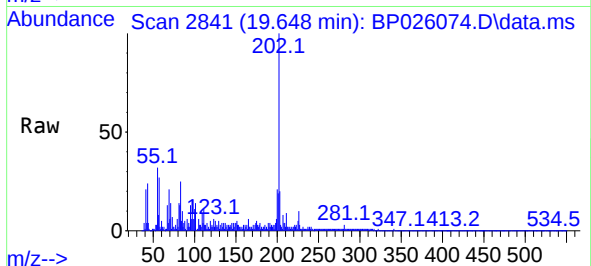




#78
Pyrene
Concen: 2.396 ng
RT: 19.648 min Scan# 2840
Delta R.T. 0.012 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

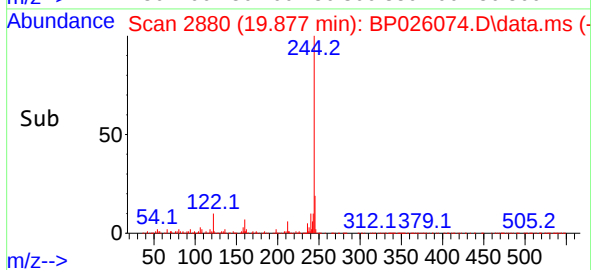
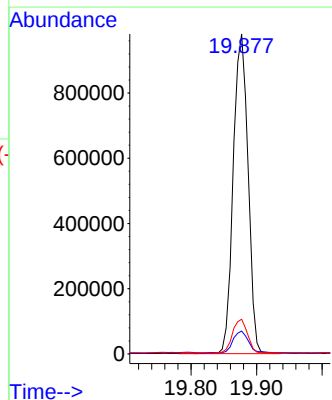
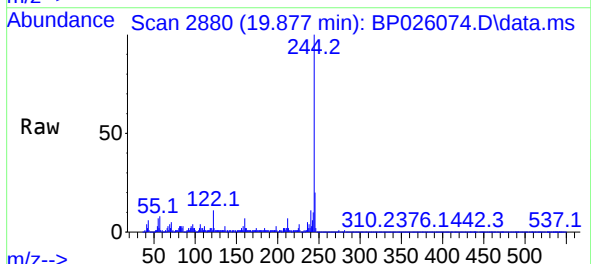
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

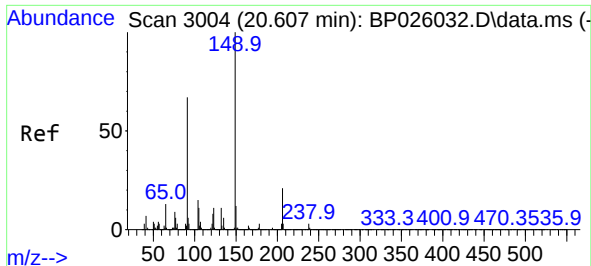
Tgt Ion:202 Resp: 342135
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 20.2 14.0 21.0



#79
Terphenyl-d14
Concen: 14.776 ng
RT: 19.877 min Scan# 2880
Delta R.T. 0.012 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:244 Resp: 1535751
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.9 9.0 13.6

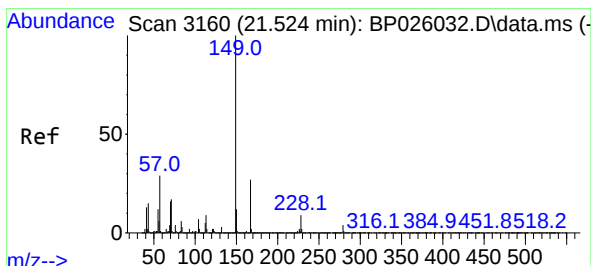
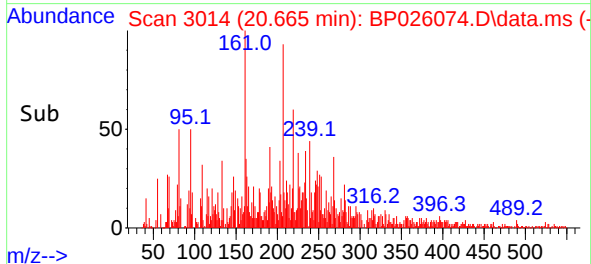
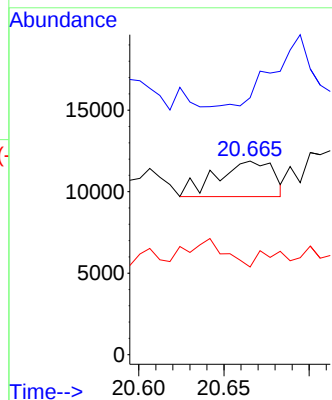
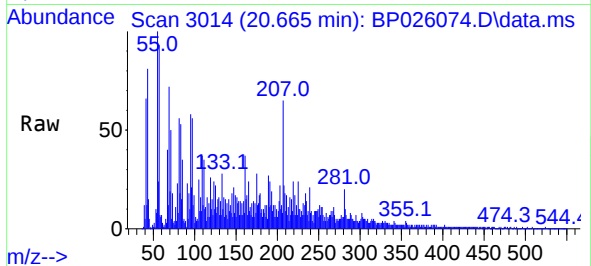




#80
Butylbenzylphthalate
Concen: 3.485 ng
RT: 20.665 min Scan# 3004
Delta R.T. 0.058 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

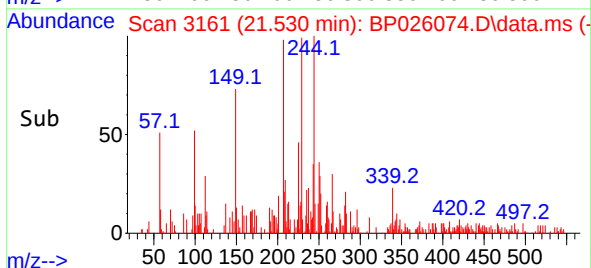
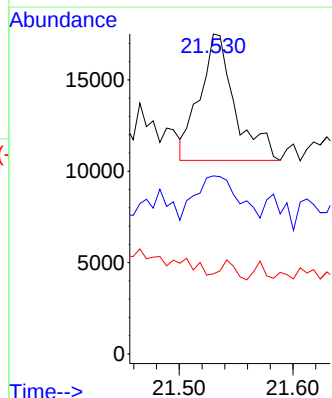
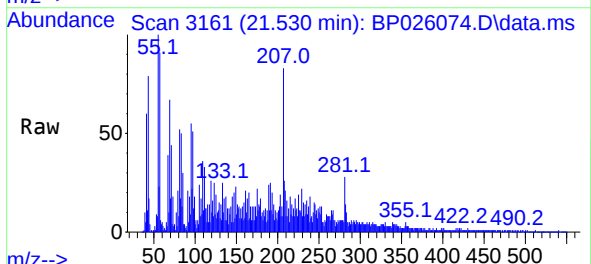
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

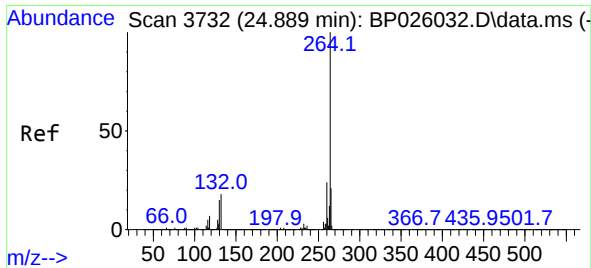
Tgt Ion:149 Resp: 5044
Ion Ratio Lower Upper
149 100
91 132.8 53.5 80.3#
206 45.3 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.761 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

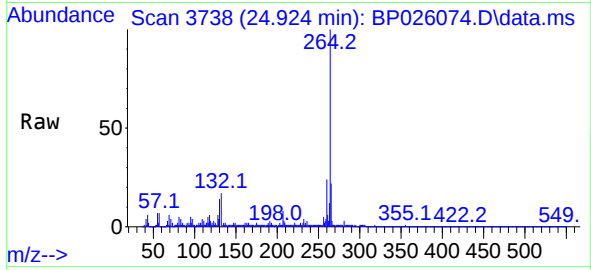
Tgt Ion:149 Resp: 14765
Ion Ratio Lower Upper
149 100
167 55.6 21.5 32.3#
279 25.0 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 31
Delta R.T. 0.041 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Instrument :
BNA_P
ClientSampleId :
EO-02-103125



Tgt Ion:264 Resp: 2261058
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.4 17.2 25.8

