

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
 Data File : BP026187.D
 Acq On : 21 Nov 2025 17:03
 Operator : RC/JU
 Sample : Q3697-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0333

Quant Time: Nov 21 17:34:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

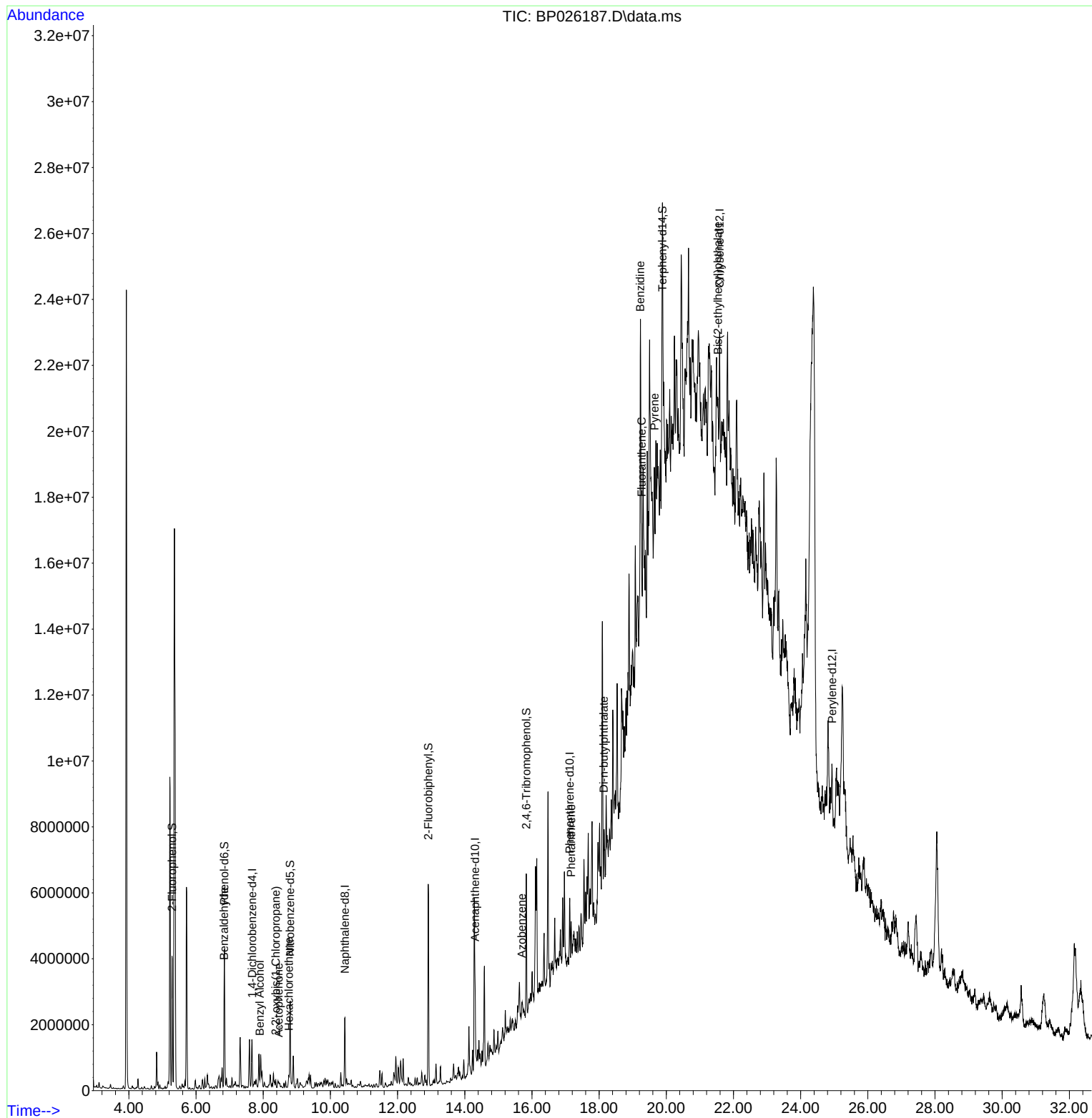
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	317529	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1227288	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	746040	20.000	ng	-0.02
64) Phenanthrene-d10	17.125	188	1406547	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1354536	20.000	ng	0.02
86) Perylene-d12	24.936	264	1728331	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1772640	89.606	ng	0.00
7) Phenol-d6	6.843	99	2219376	88.124	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1340538	62.044	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	841085	86.907	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3398447	66.762	ng	-0.02
79) Terphenyl-d14	19.883	244	4341188	65.350	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.831	77	27326	2.070	ng	# 1
15) Benzyl Alcohol	7.896	79	37065	2.009	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.372	45	60182	2.017	ng	75
18) Hexachloroethane	8.760	117	34390	3.866	ng	# 1
22) Acetophenone	8.460	105	103345	3.313	ng	# 62
63) Azobenzene	15.695	77	136954	2.894	ng	# 1
71) Phenanthrene	17.166	178	580917	7.332	ng	# 93
74) Di-n-butylphthalate	18.142	149	260846	2.867	ng	# 89
75) Fluoranthene	19.266	202	403329	4.190	ng	89
77) Benzidine	19.225	184	7992274	185.922	ng	# 86
78) Pyrene	19.648	202	277389	3.123	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.536	149	692650	11.699	ng	# 86

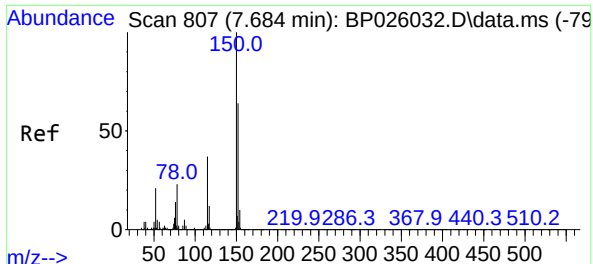
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP1112125\
Data File : BP026187.D
Acq On : 21 Nov 2025 17:03
Operator : RC/JU
Sample : Q3697-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

Quant Time: Nov 21 17:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

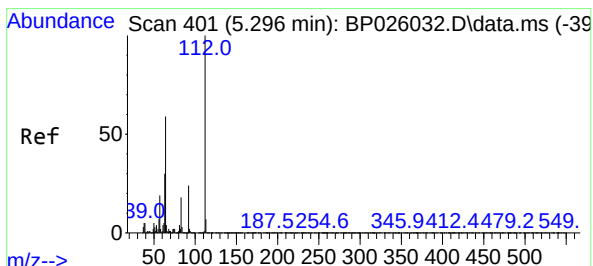
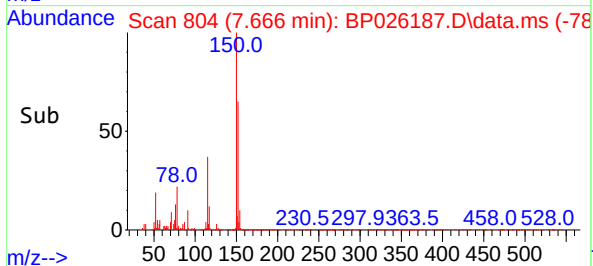
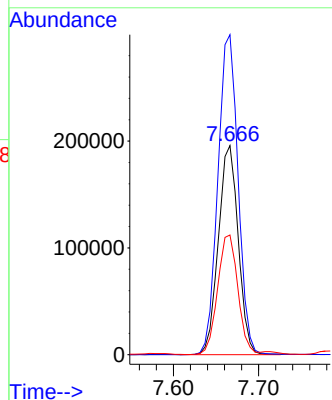
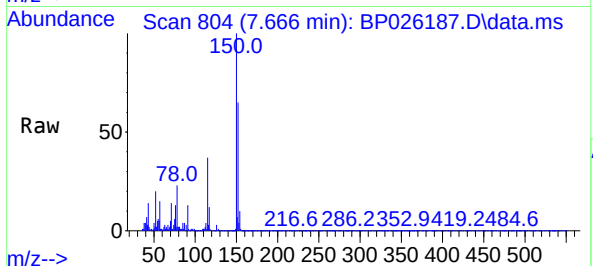




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

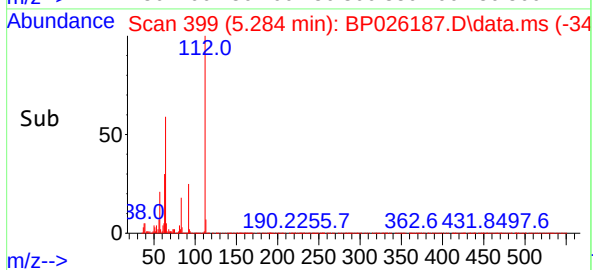
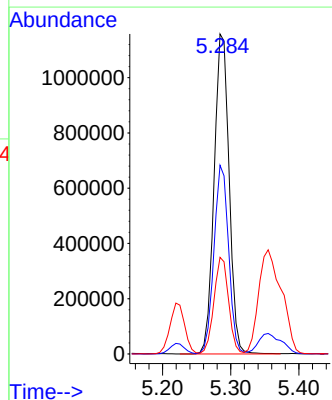
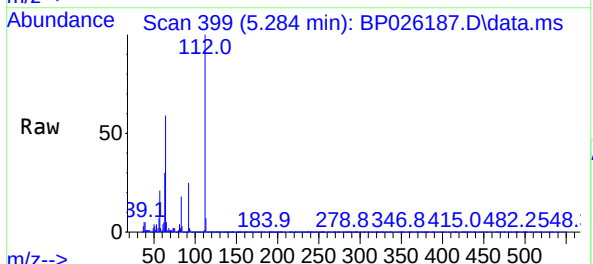
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

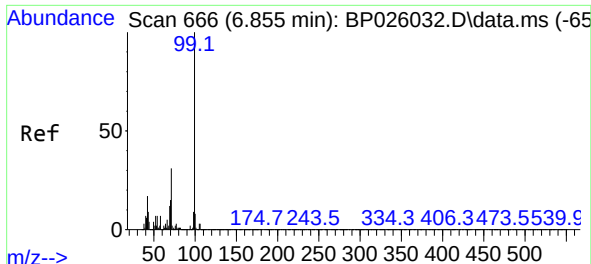
Tgt Ion:152 Resp: 317529
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.6
115 57.2 46.3 69.5



#5
2-Fluorophenol
Concen: 89.606 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:112 Resp: 1772640
Ion Ratio Lower Upper
112 100
64 59.0 45.8 68.6
63 30.2 23.5 35.3

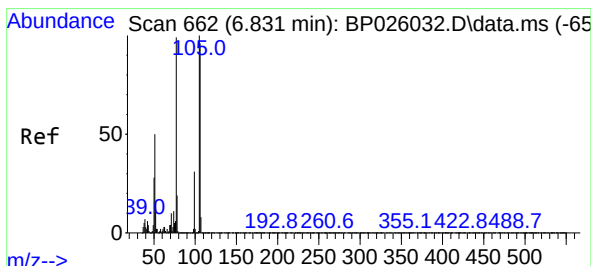
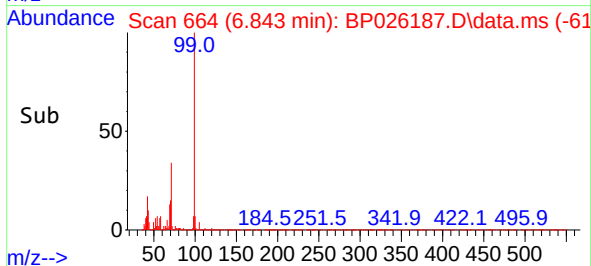
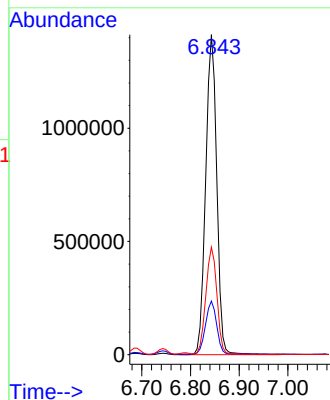
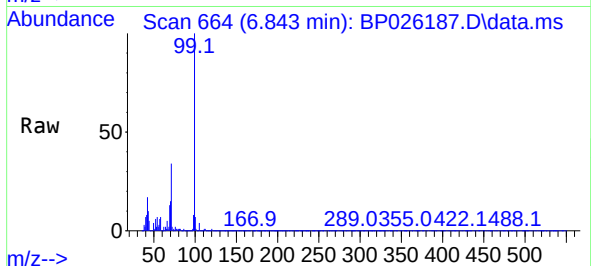




#7
Phenol-d6
Concen: 88.124 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

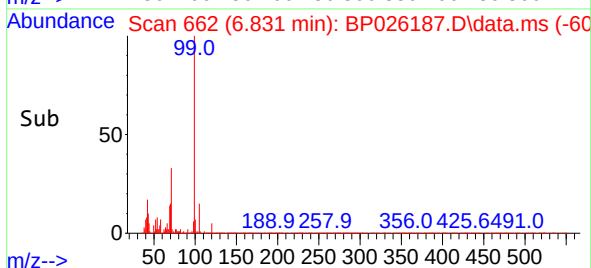
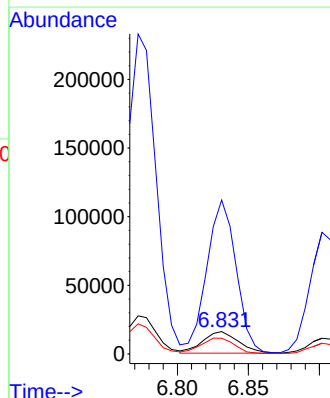
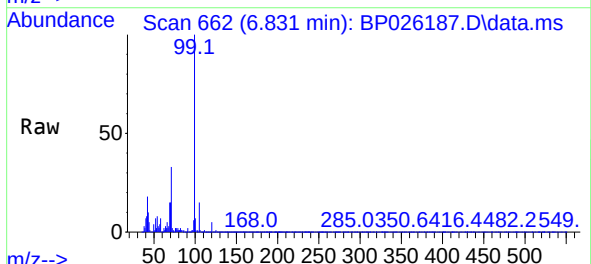
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

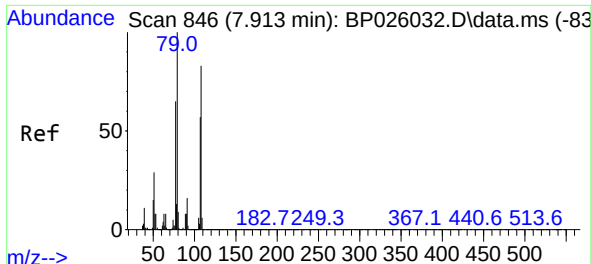
Tgt Ion: 99 Resp: 2219376
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 33.6 24.8 37.2



#9
Benzaldehyde
Concen: 2.070 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.012 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion: 77 Resp: 27326
Ion Ratio Lower Upper
77 100
105 687.7 82.9 122.9#
106 70.3 77.8 117.8#

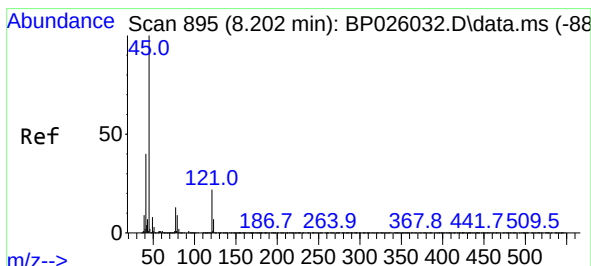
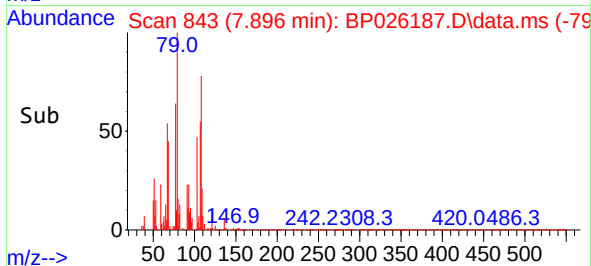
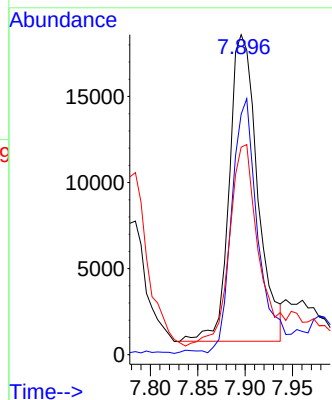
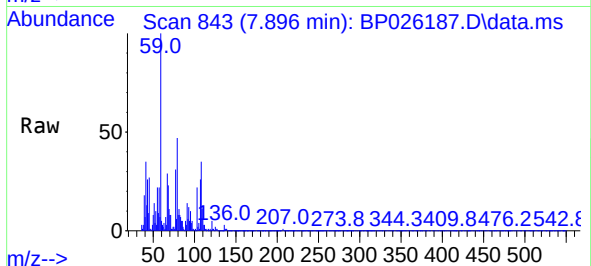




#15
Benzyl Alcohol
Concen: 2.009 ng
RT: 7.896 min Scan# 846
Delta R.T. -0.012 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

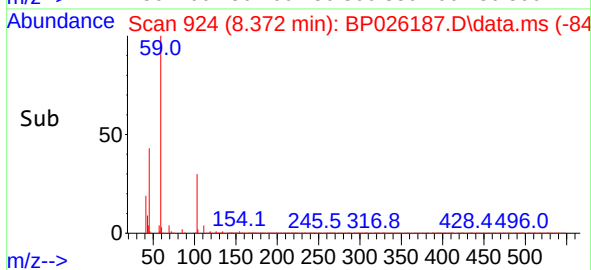
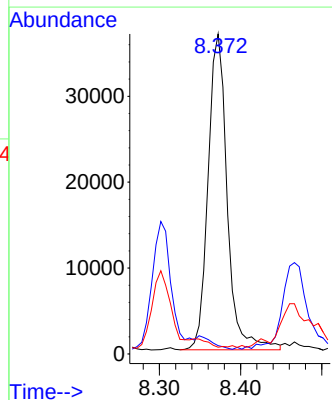
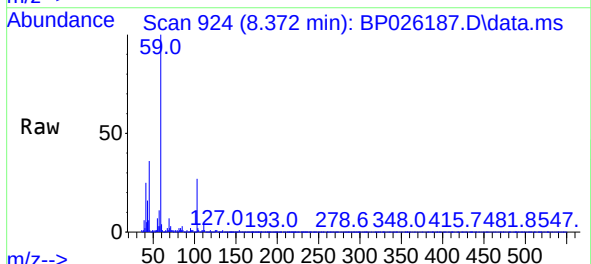
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

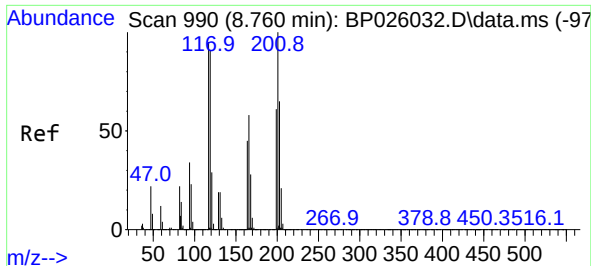
Tgt Ion: 79 Resp: 37065
Ion Ratio Lower Upper
79 100
108 75.1 66.2 99.4
77 64.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.017 ng
RT: 8.372 min Scan# 924
Delta R.T. 0.177 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion: 45 Resp: 60182
Ion Ratio Lower Upper
45 100
77 2.6 0.0 33.9
79 2.1 0.0 30.4

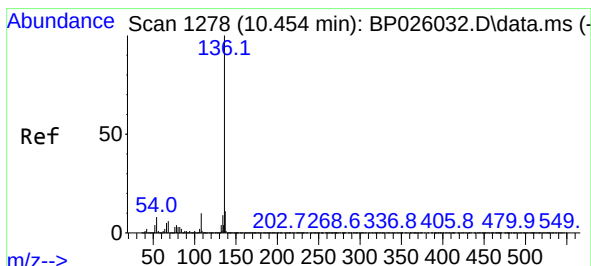
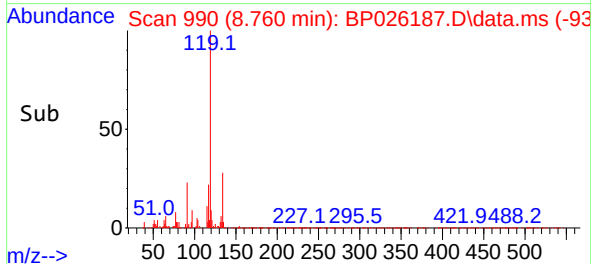
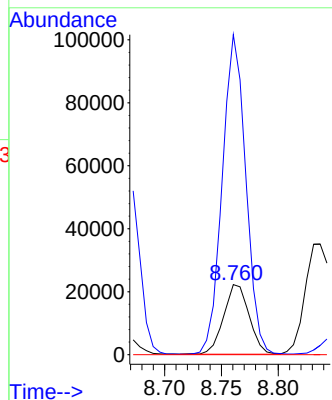
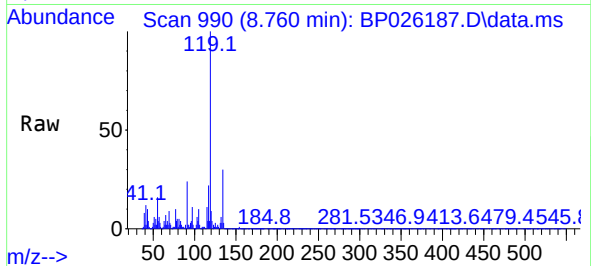




#18
Hexachloroethane
Concen: 3.866 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.018 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

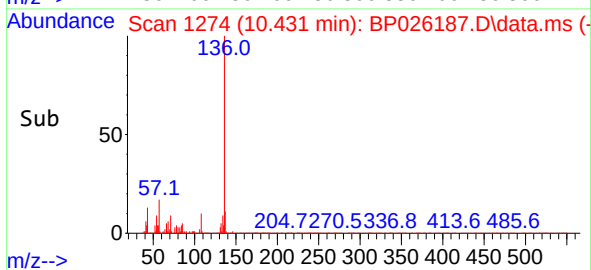
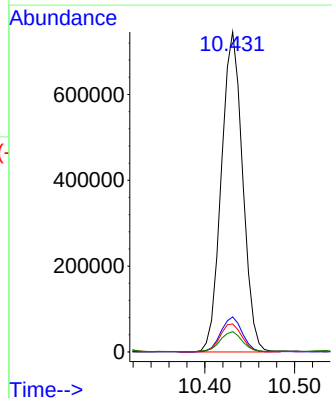
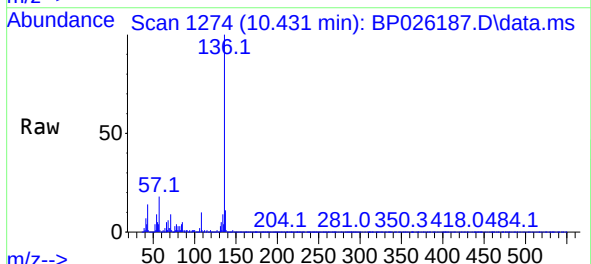
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

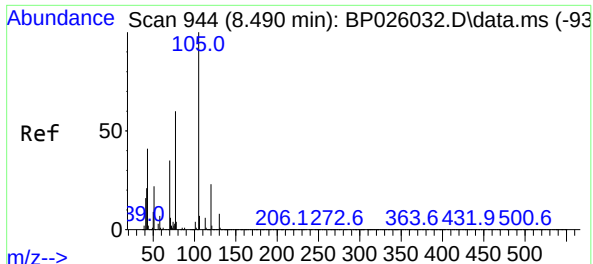
Tgt Ion:117 Resp: 34390
Ion Ratio Lower Upper
117 100
119 456.2 78.7 118.1#
201 0.1 85.1 127.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.017 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:136 Resp: 1227288
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.7 6.4 9.6
68 6.4 4.9 7.3



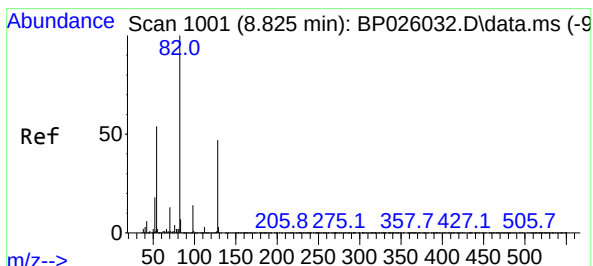
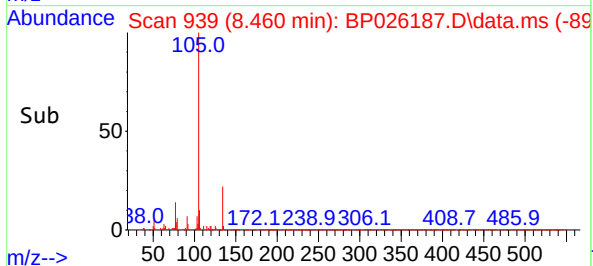
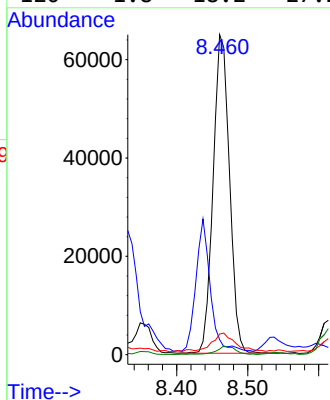
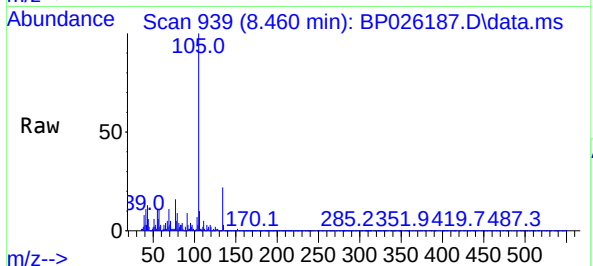


#22
Acetophenone
Concen: 3.313 ng
RT: 8.460 min Scan# 911
Delta R.T. -0.023 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

Tgt Ion:105 Resp: 103345

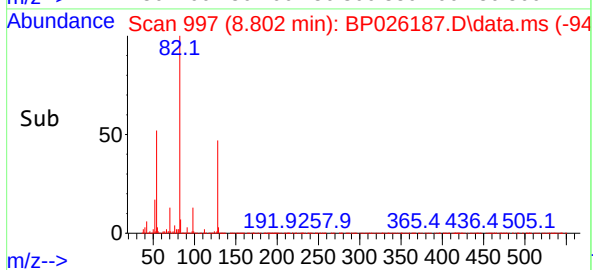
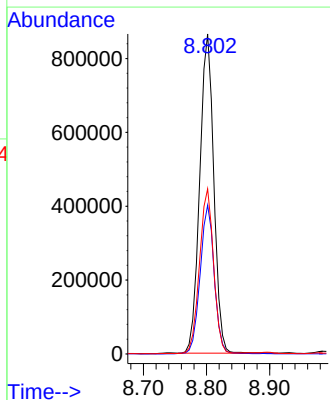
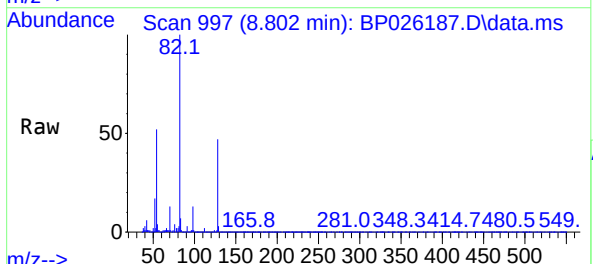
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.0	4.4#
51	6.5	20.5	30.7#
120	1.8	18.2	27.2#

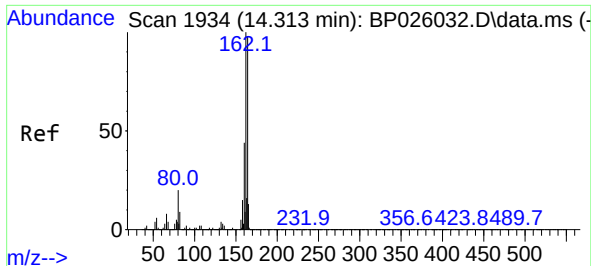


#23
Nitrobenzene-d5
Concen: 62.044 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion: 82 Resp: 1340538

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.4	56.0
54	51.6	41.6	62.4

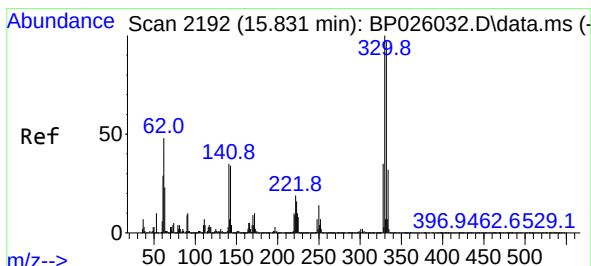
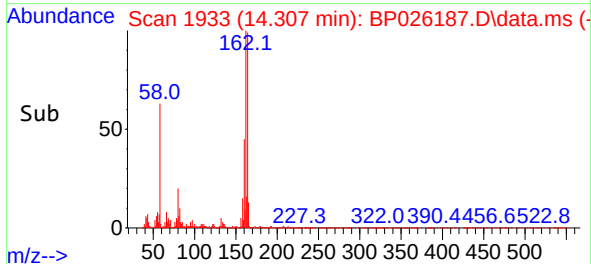
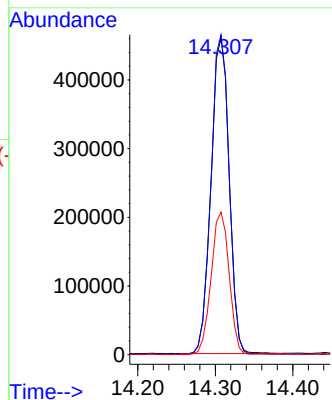
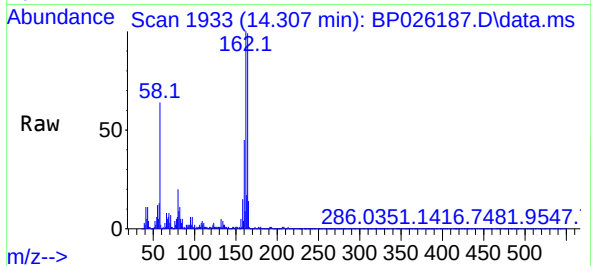




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

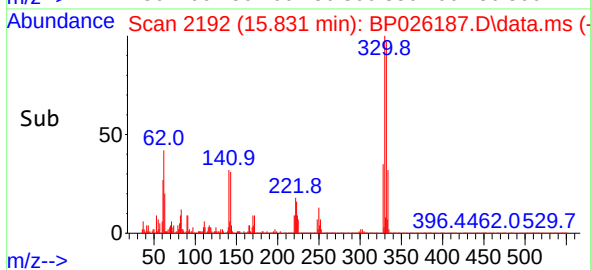
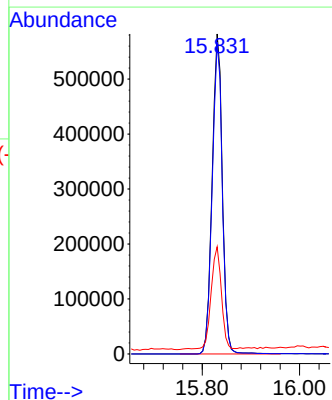
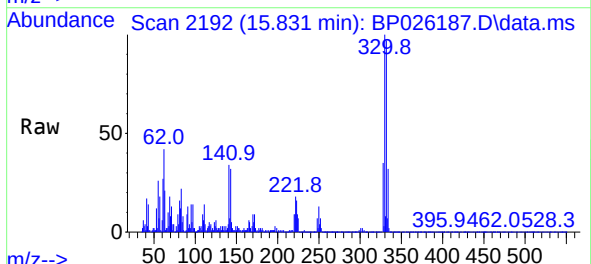
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ClientSampleId :
MOO-25-0333

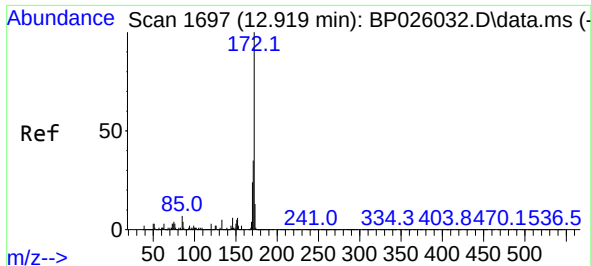
Tgt Ion:164 Resp: 746040
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 45.0 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 86.907 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:330 Resp: 841085
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 31.4 26.8 40.2

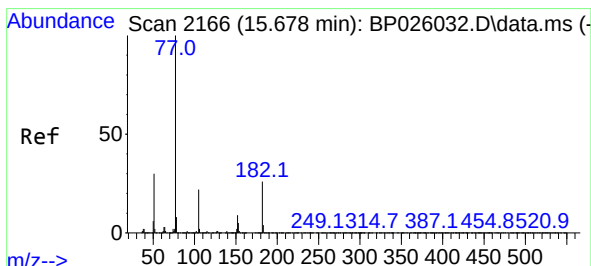
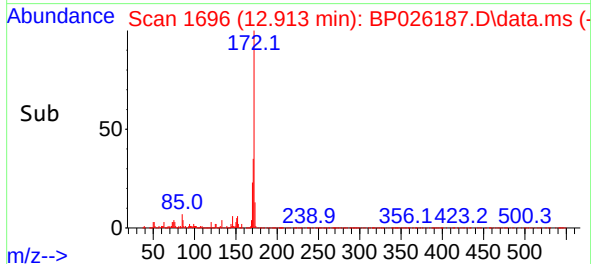
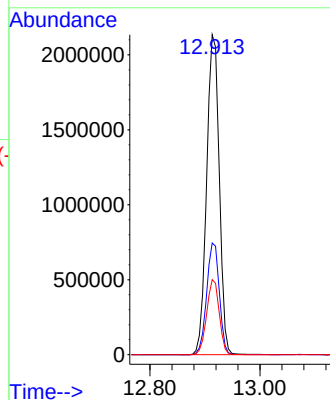
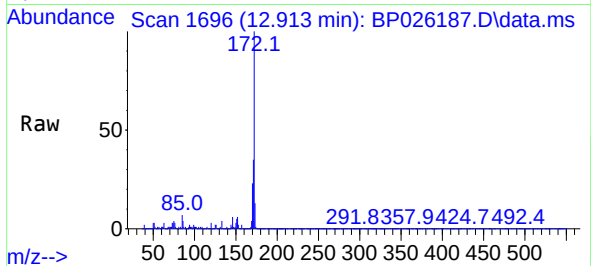




#45
2-Fluorobiphenyl
Concen: 66.762 ng
RT: 12.913 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

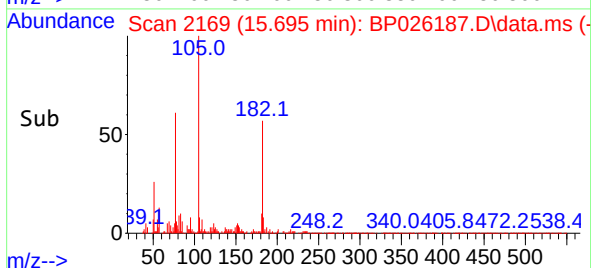
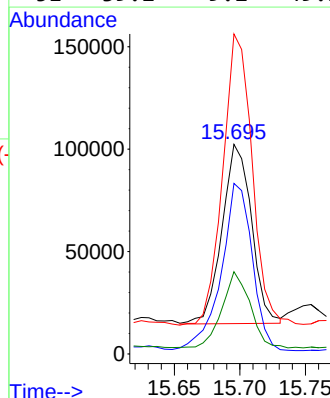
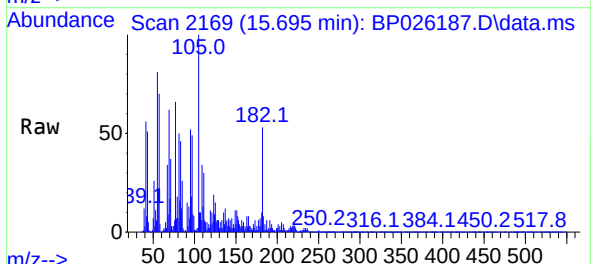
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

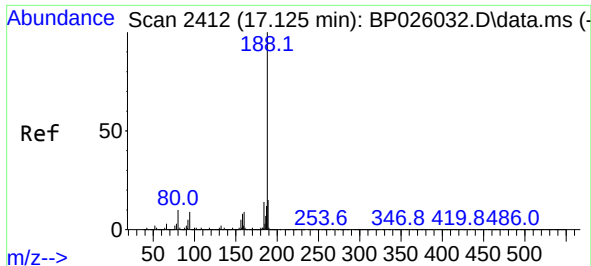
Tgt Ion:172 Resp: 3398447
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.4 18.7 28.1



#63
Azobenzene
Concen: 2.894 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion: 77 Resp: 136954
Ion Ratio Lower Upper
77 100
182 81.4 8.8 48.8#
105 152.6 2.6 42.6#
51 39.2 9.2 49.2

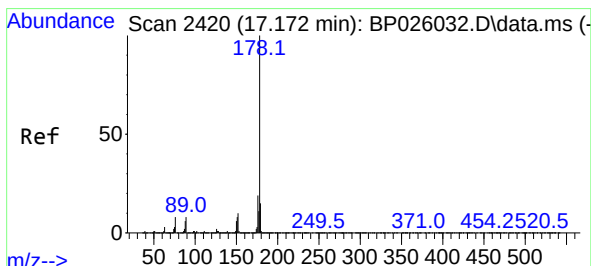
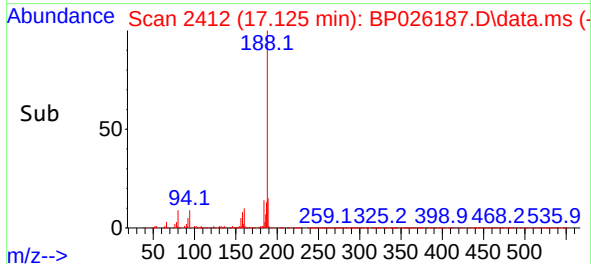
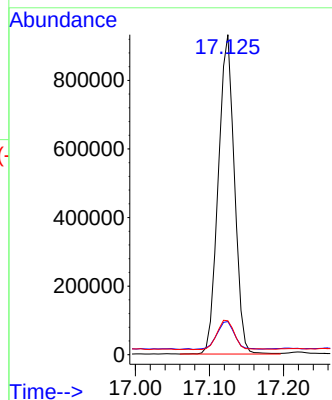
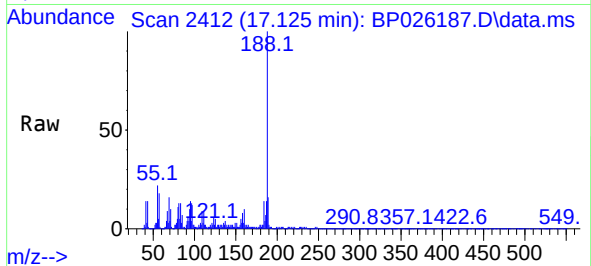




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

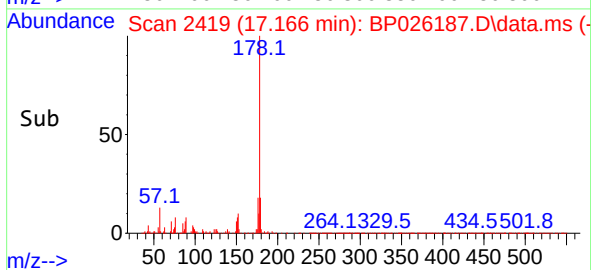
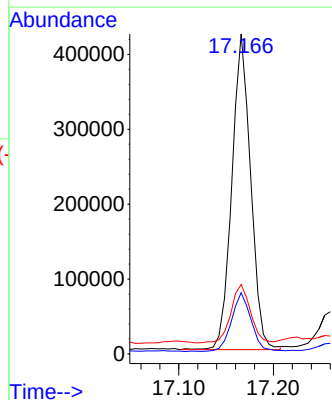
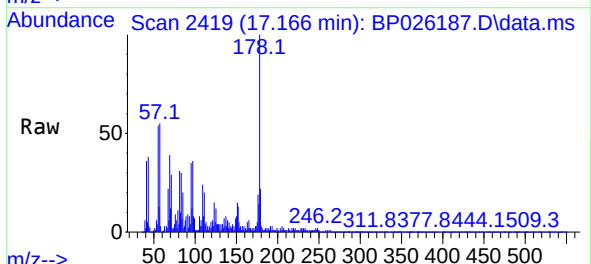
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

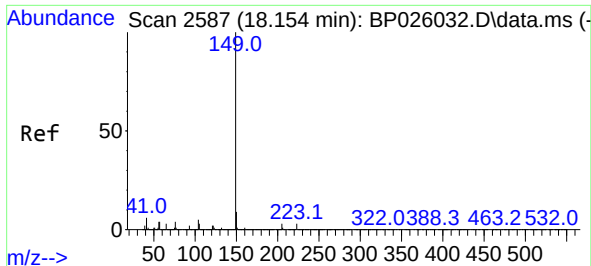
Tgt Ion:188 Resp: 1406547
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 10.6 8.2 12.2



#71
Phenanthrene
Concen: 7.332 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:178 Resp: 580917
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 21.7 12.4 18.6#

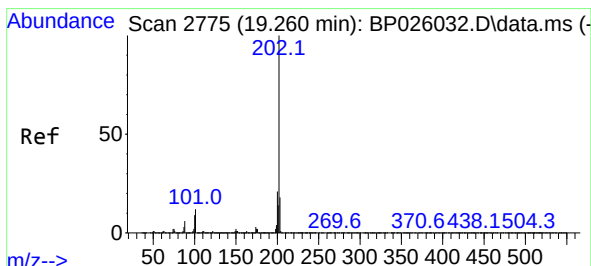
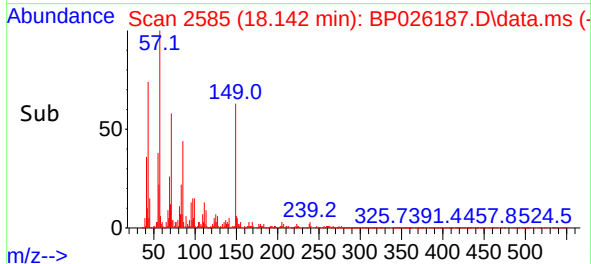
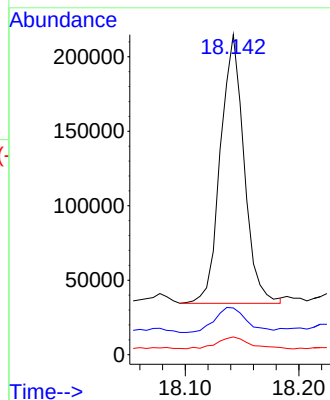
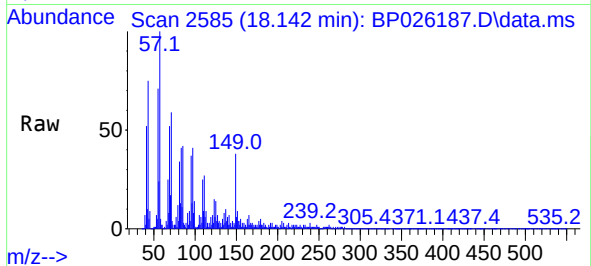




#74
Di-n-butylphthalate
Concen: 2.867 ng
RT: 18.142 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

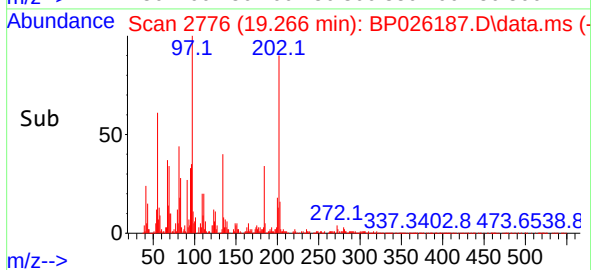
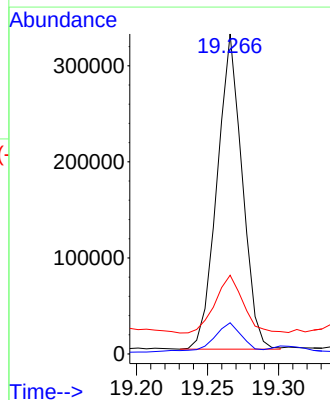
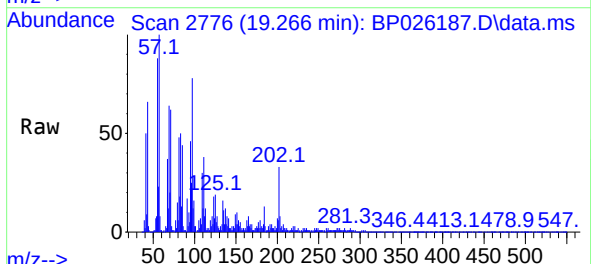
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

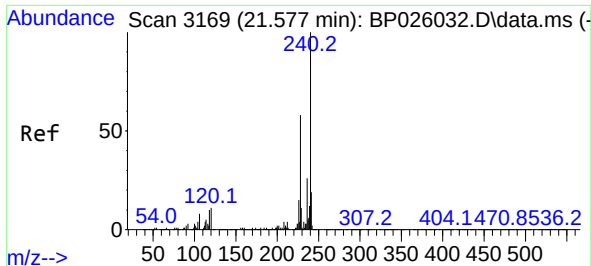
Tgt Ion:149 Resp: 260846
Ion Ratio Lower Upper
149 100
150 14.6 7.5 11.3#
104 5.6 3.6 5.4#



#75
Fluoranthene
Concen: 4.190 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:202 Resp: 403329
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 24.6 0.0 37.7

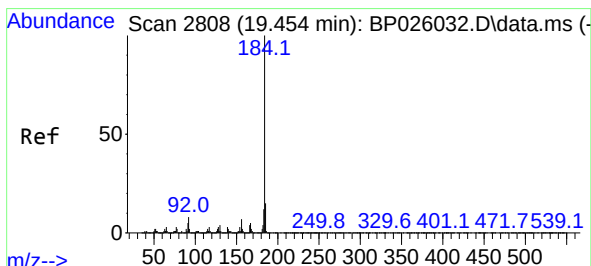
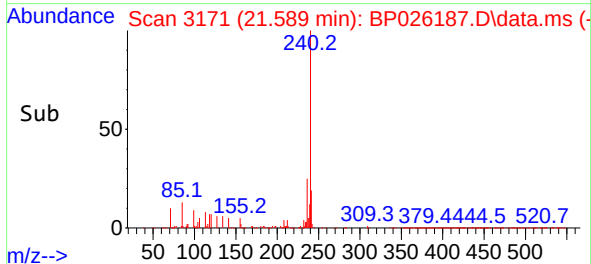
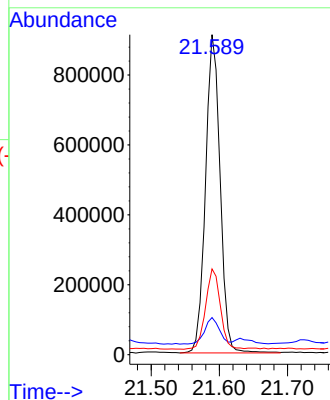
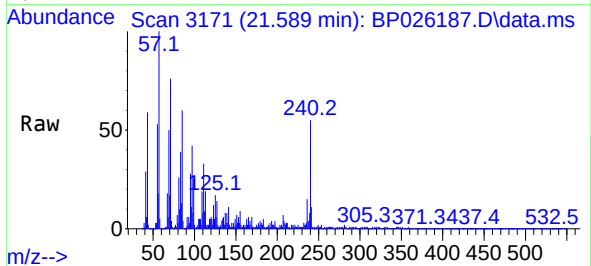




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3169
Delta R.T. 0.018 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

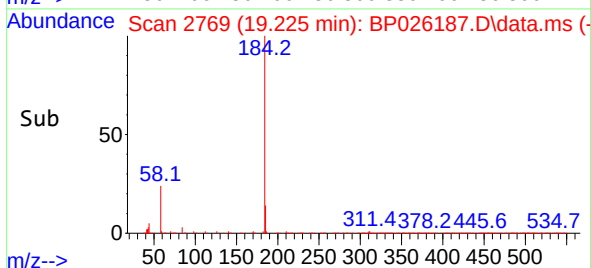
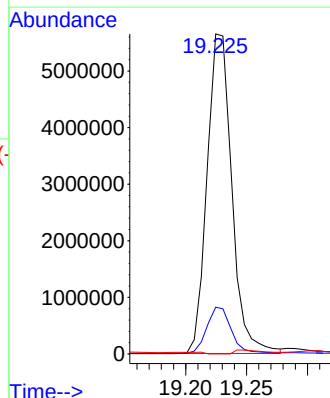
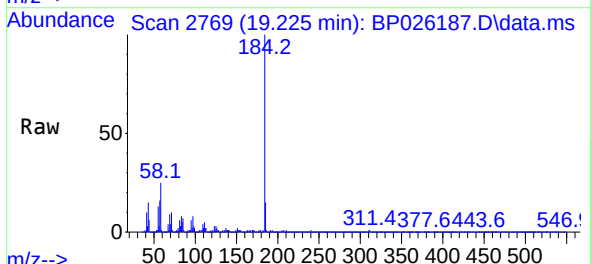
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

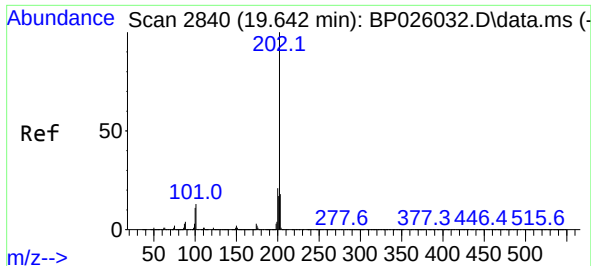
Tgt Ion:240 Resp: 1354536
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 26.8 20.4 30.6



#77
Benzidine
Concen: 185.922 ng
RT: 19.225 min Scan# 2769
Delta R.T. -0.241 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:184 Resp: 7992274
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 0.0 9.0 13.6#

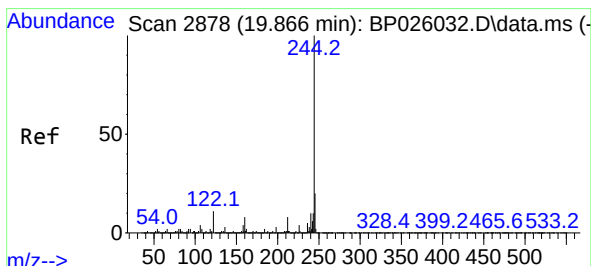
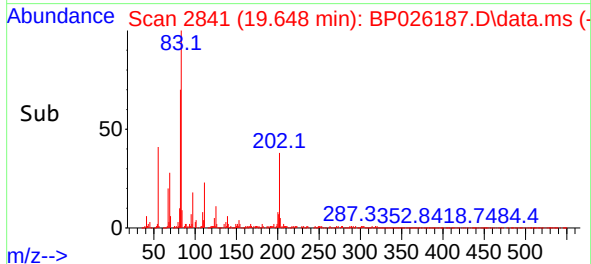
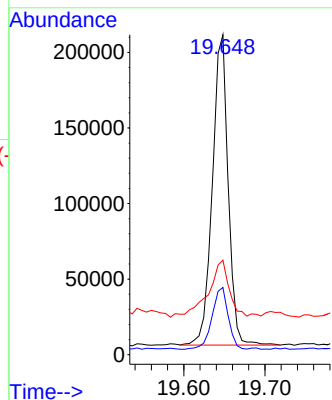
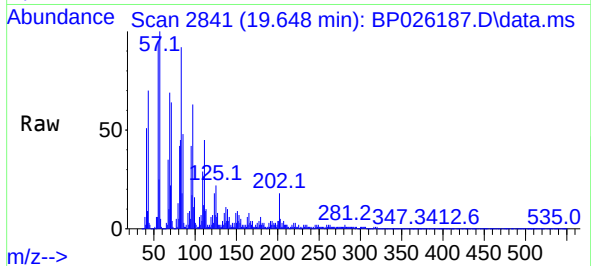




#78
Pyrene
Concen: 3.123 ng
RT: 19.648 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

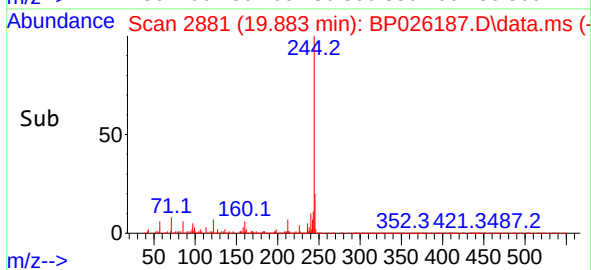
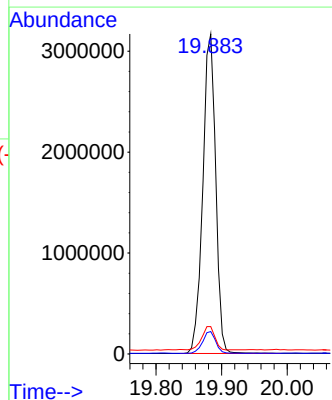
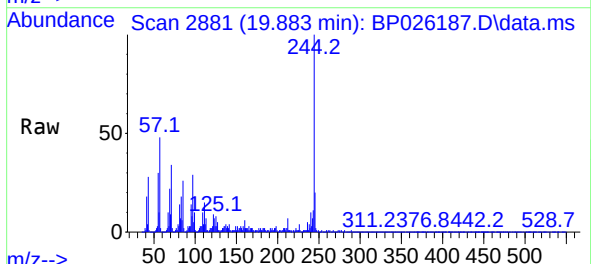
Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

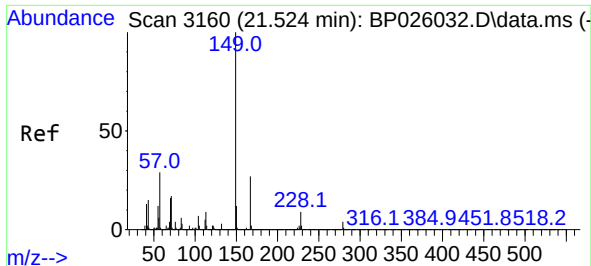
Tgt Ion:202 Resp: 277389
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 29.5 13.8 20.8#



#79
Terphenyl-d14
Concen: 65.350 ng
RT: 19.883 min Scan# 2881
Delta R.T. 0.012 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:244 Resp: 4341188
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 8.5 8.2 12.2

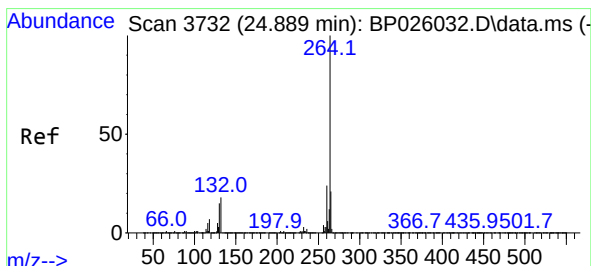
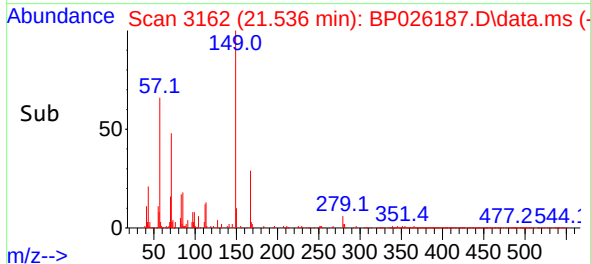
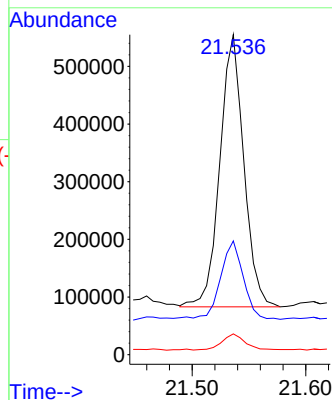
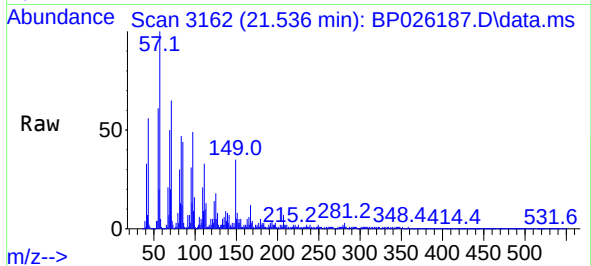




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.699 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MOO-25-0333

Tgt Ion:149 Resp: 692650
Ion Ratio Lower Upper
149 100
167 35.6 22.1 33.1#
279 6.5 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. 0.030 min
Lab File: BP026187.D
Acq: 21 Nov 2025 17:03

Tgt Ion:264 Resp: 1728331
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.4 17.5 26.3

