

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026286.D
 Acq On : 10 Dec 2025 22:00
 Operator : RC/JU
 Sample : Q3827-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT4262

Quant Time: Dec 11 03:09:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

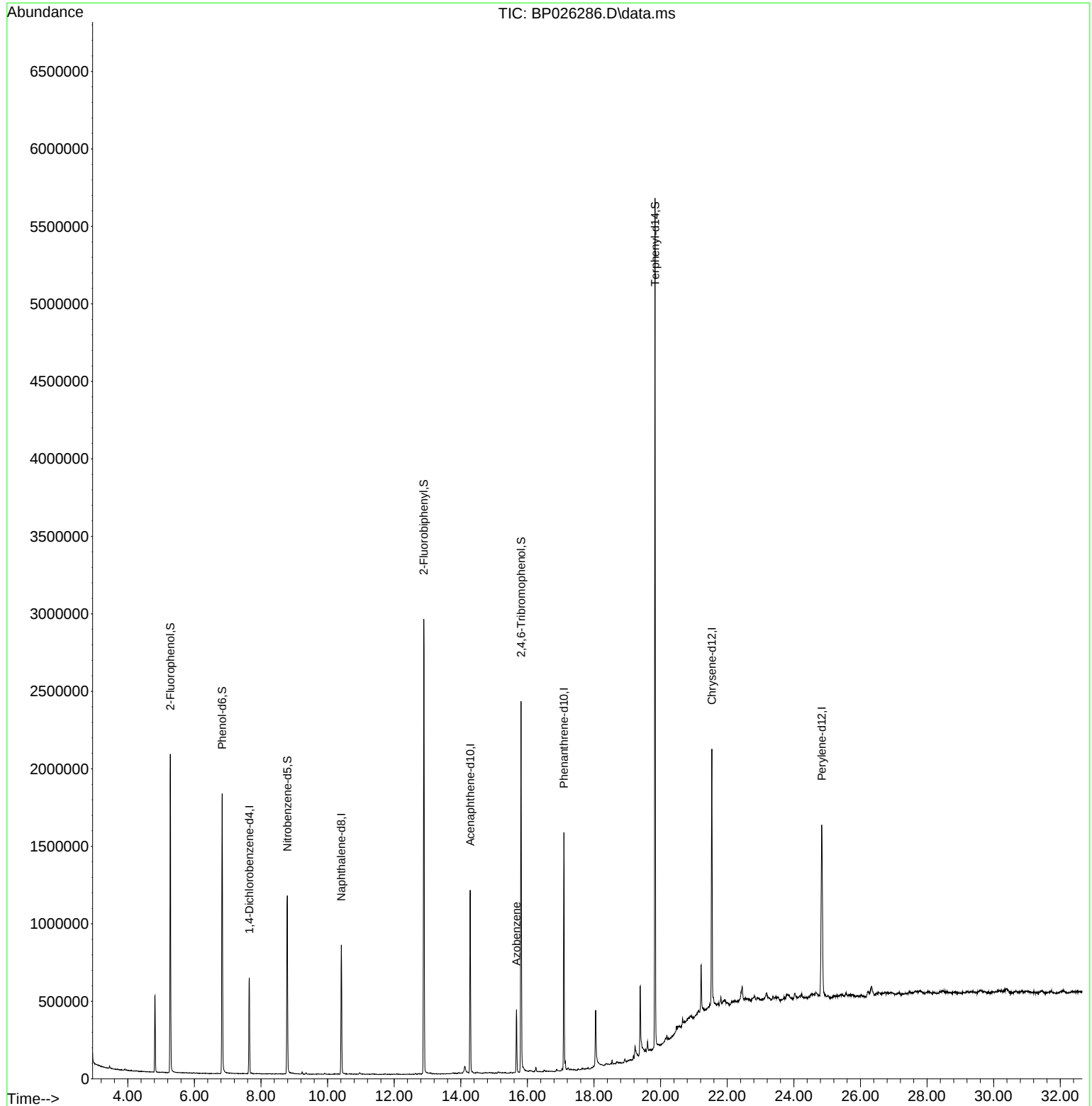
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	181172	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	683372	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	437663	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	895695	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1014808	20.000	ng	0.00
86) Perylene-d12	24.836	264	1221110	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	933451	82.833	ng	0.00
7) Phenol-d6	6.837	99	1111695	78.152	ng	0.00
23) Nitrobenzene-d5	8.790	82	658750	54.870	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	512433	90.032	ng	0.00
45) 2-Fluorobiphenyl	12.889	172	1668094	55.413	ng	-0.01
79) Terphenyl-d14	19.830	244	2794001	56.274	ng	0.00
Target Compounds						
63) Azobenzene	15.672	77	121487	4.417	ng	Qvalue # 1

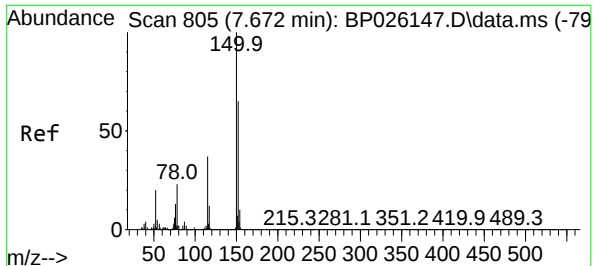
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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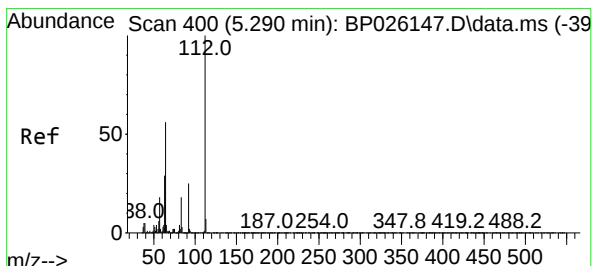
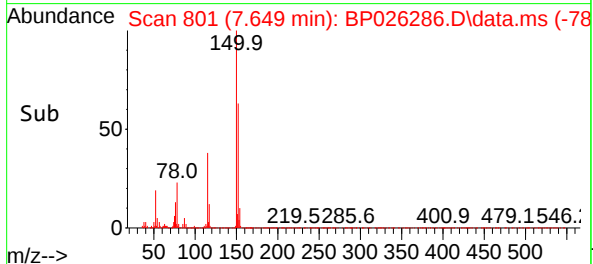
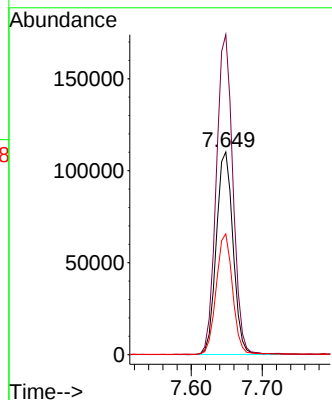
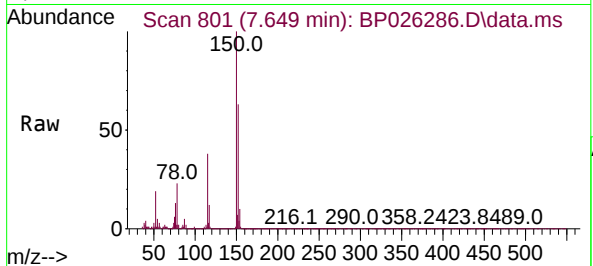




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

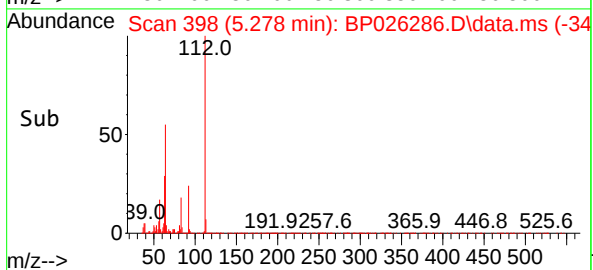
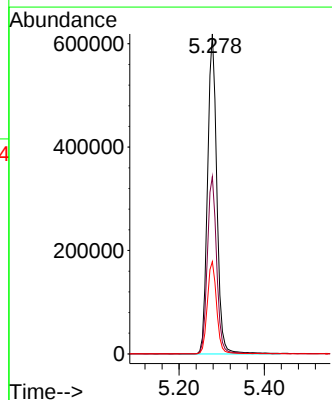
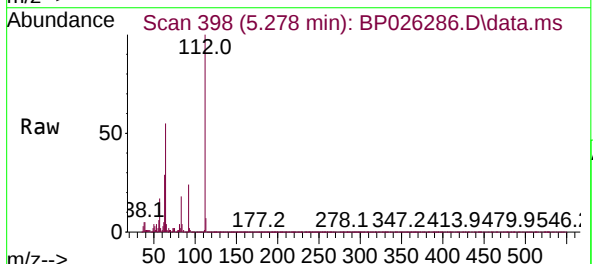
Instrument :
BNA_P
ClientSampleId :
RT4262

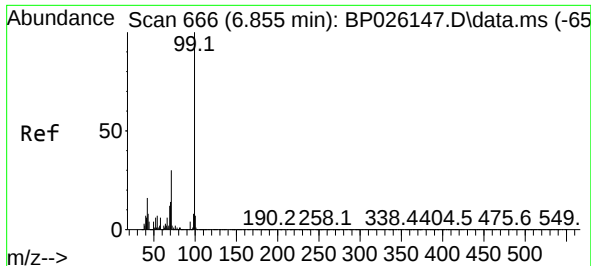
Tgt Ion:152 Resp: 181172
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.6
115 59.6 46.3 69.5



#5
2-Fluorophenol
Concen: 82.833 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Tgt Ion:112 Resp: 933451
Ion Ratio Lower Upper
112 100
64 55.4 45.8 68.6
63 28.8 23.5 35.3

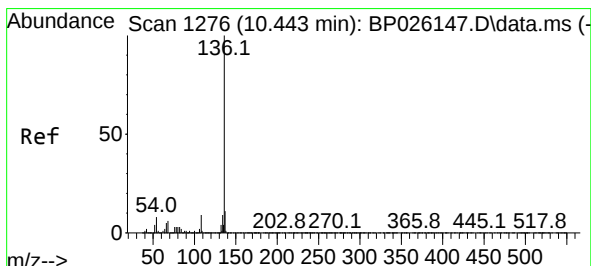
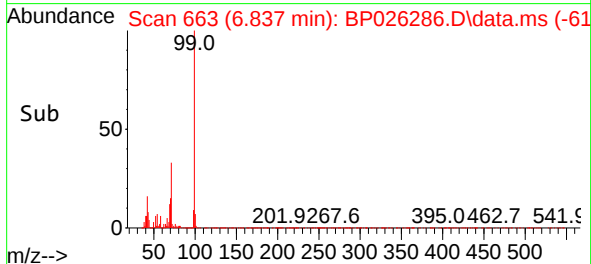
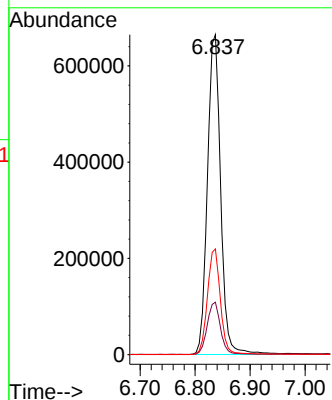
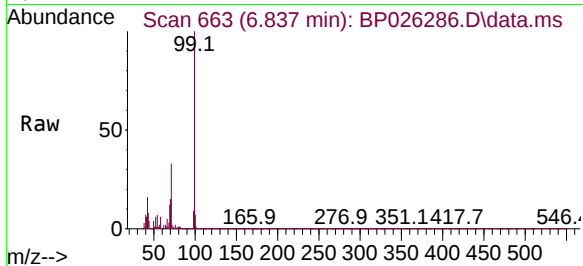




#7
Phenol-d6
Concen: 78.152 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

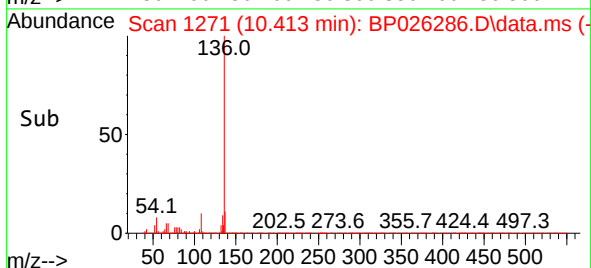
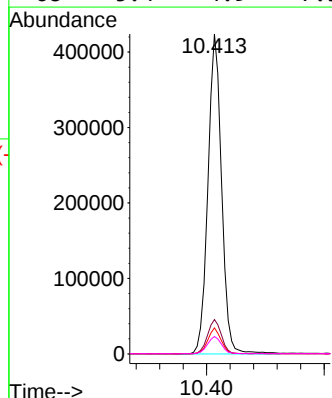
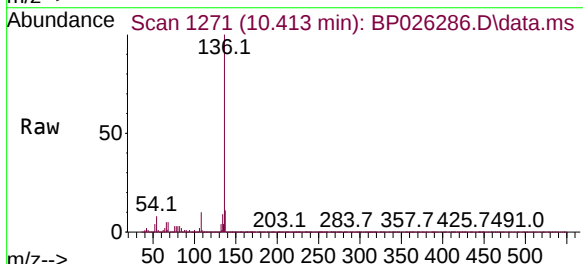
Instrument :
BNA_P
ClientSampleId :
RT4262

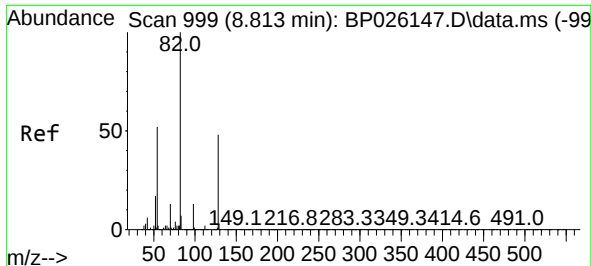
Tgt Ion: 99 Resp: 1111695
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 33.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Tgt Ion:136 Resp: 683372
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.1 6.4 9.6
68 5.4 4.9 7.3

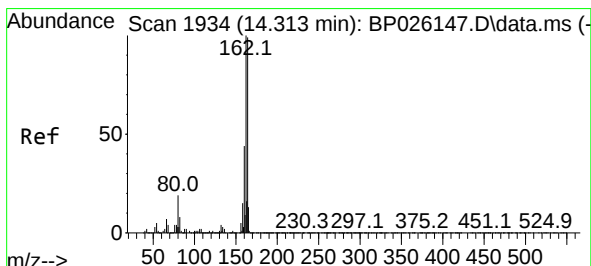
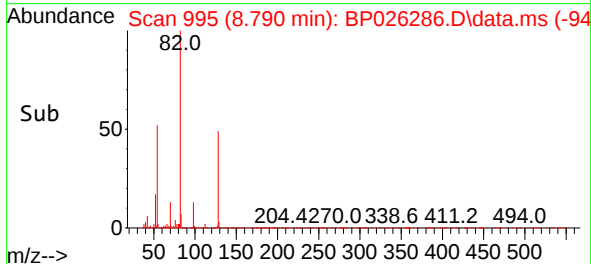
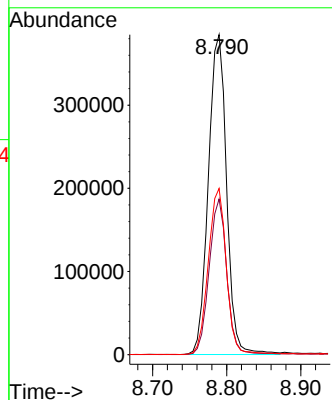
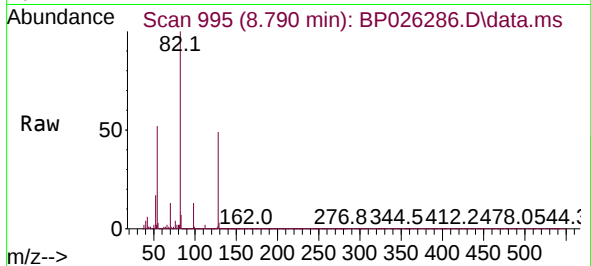




#23
Nitrobenzene-d5
Concen: 54.870 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

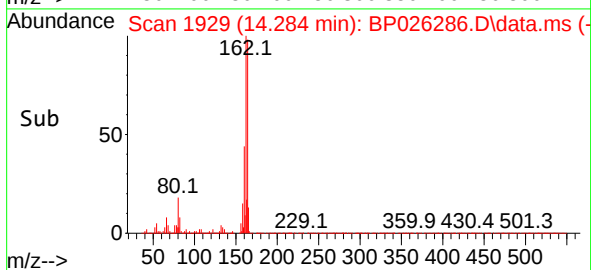
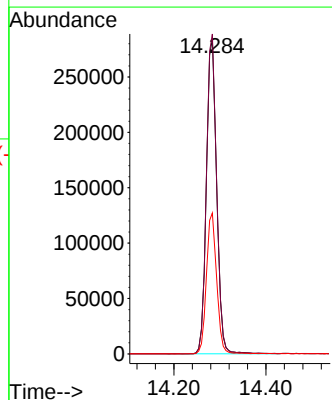
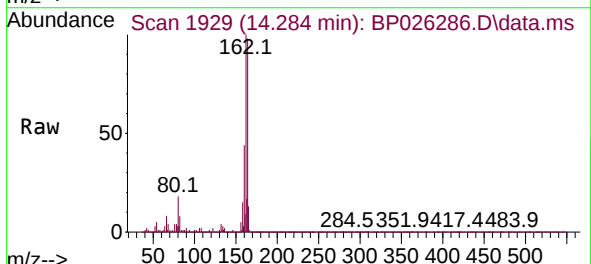
Instrument :
BNA_P
ClientSampleId :
RT4262

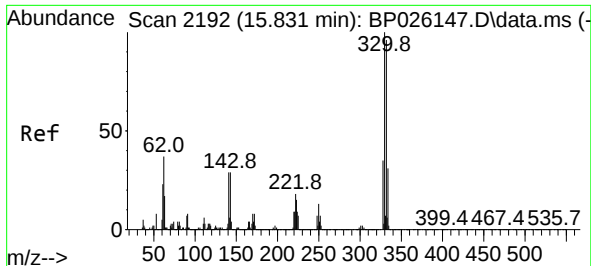
Tgt Ion: 82 Resp: 658750
Ion Ratio Lower Upper
82 100
128 48.6 37.4 56.0
54 51.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Tgt Ion:164 Resp: 437663
Ion Ratio Lower Upper
164 100
162 101.6 80.3 120.5
160 44.7 35.2 52.8

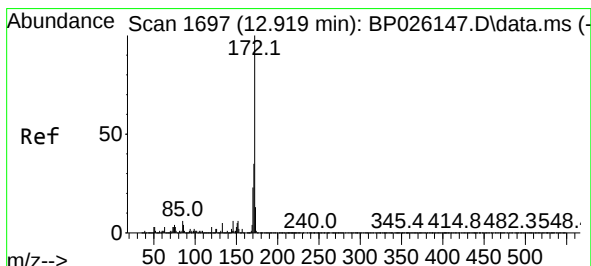
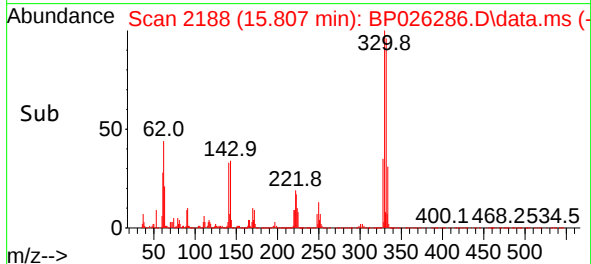
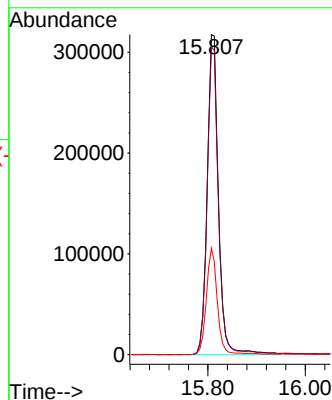
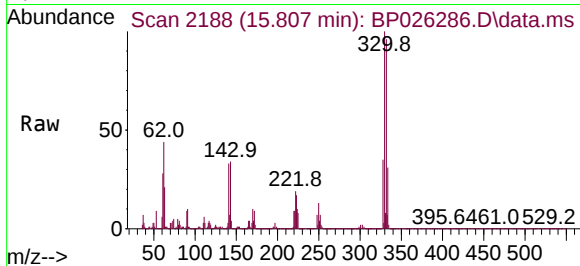




#42
2,4,6-Tribromophenol
Concen: 90.032 ng
RT: 15.807 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

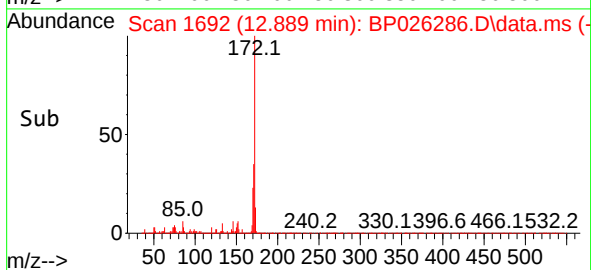
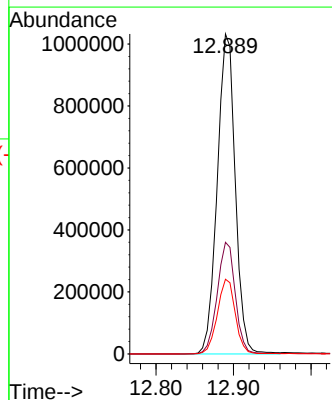
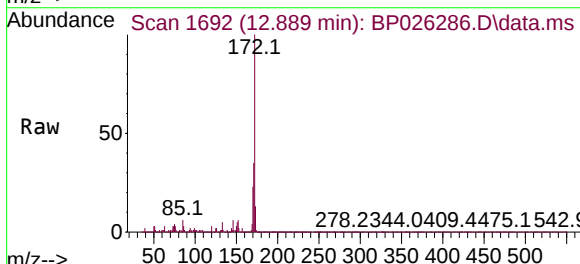
Instrument :
BNA_P
ClientSampleId :
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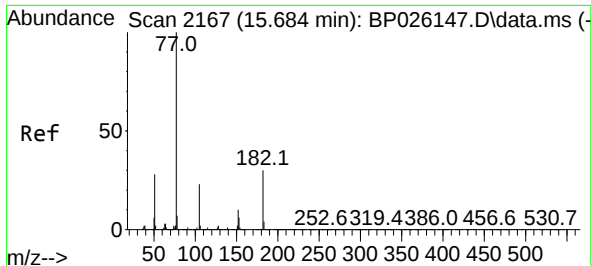
Tgt Ion:330 Resp: 512433
Ion Ratio Lower Upper
330 100
332 94.4 78.0 117.0
141 32.0 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 55.413 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Tgt Ion:172 Resp: 1668094
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.3 18.7 28.1

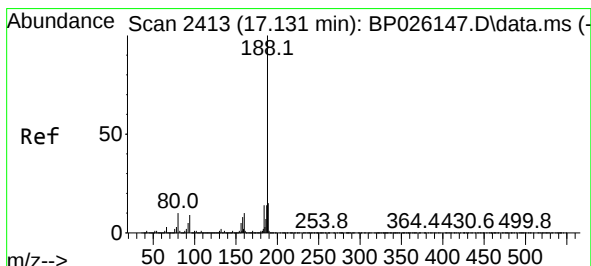
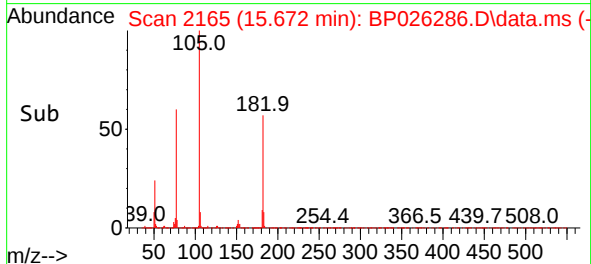
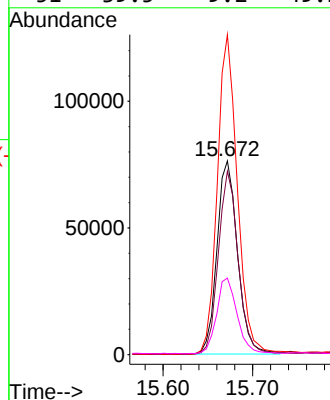
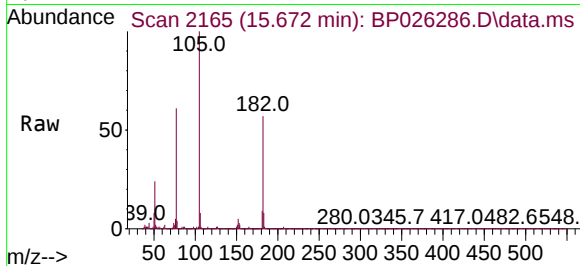




#63
Azobenzene
Concen: 4.417 ng
RT: 15.672 min Scan# 2167
Delta R.T. 0.017 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

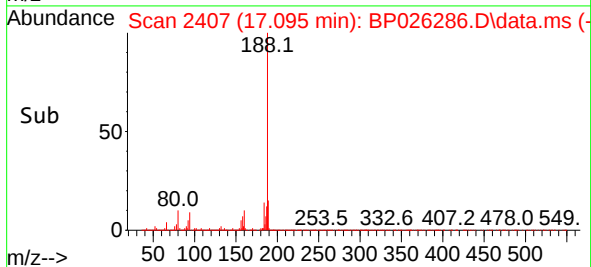
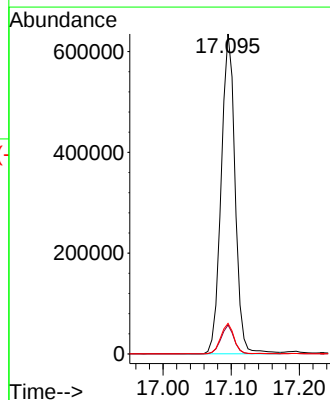
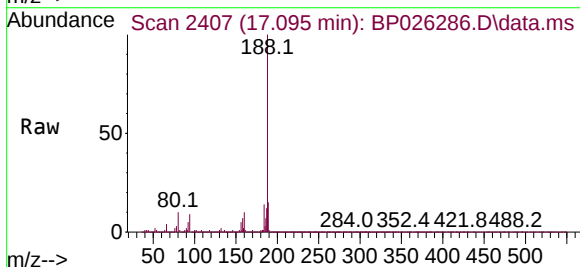
Instrument :
BNA_P
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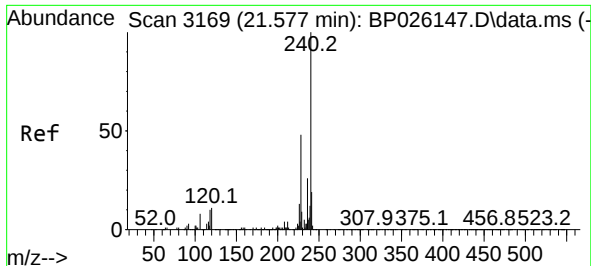
Tgt Ion: 77	Resp: 121487
Ion Ratio	Lower Upper
77 100	
182 94.7	8.8 48.8#
105 165.2	2.6 42.6#
51 39.5	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Tgt Ion: 188	Resp: 895695
Ion Ratio	Lower Upper
188 100	
94 9.0	7.8 11.6
80 9.5	8.2 12.2

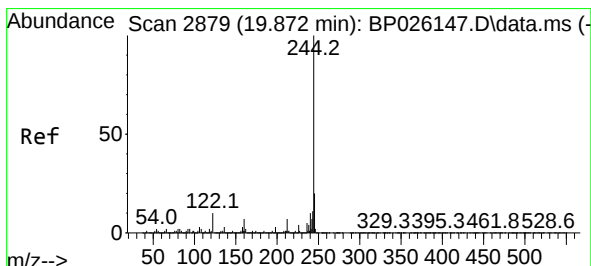
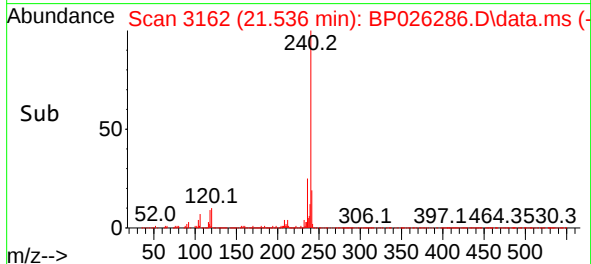
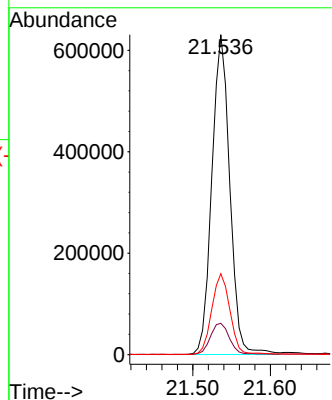
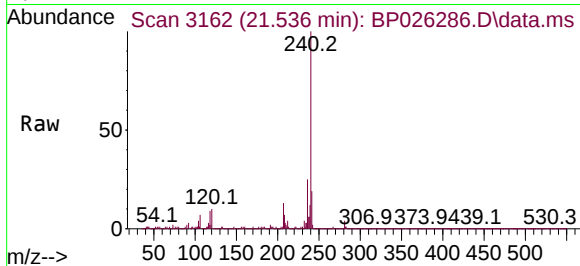




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

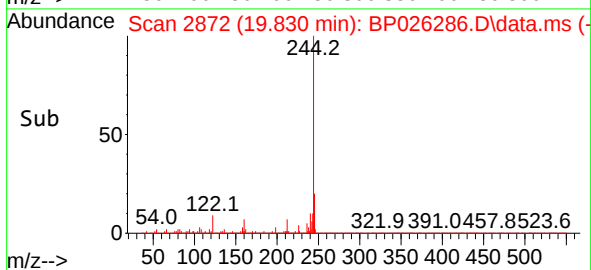
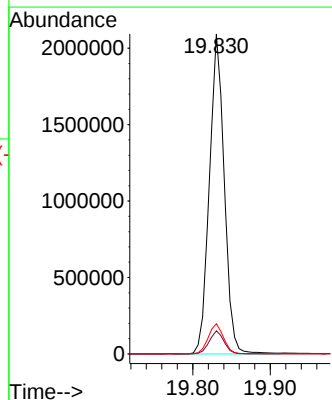
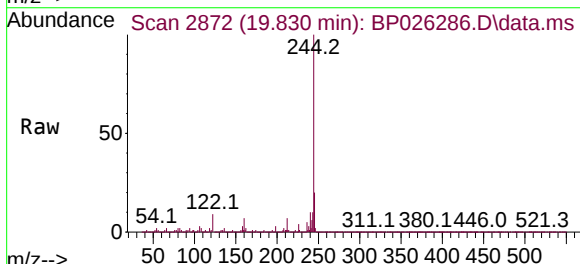
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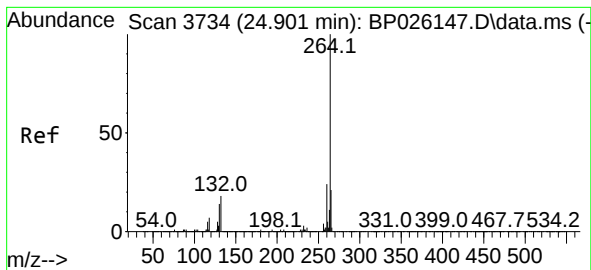
Tgt Ion:240 Resp: 1014808
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 25.3 20.4 30.6



#79
Terphenyl-d14
Concen: 56.274 ng
RT: 19.830 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Tgt Ion:244 Resp: 2794001
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.4 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026286.D
Acq: 10 Dec 2025 22:00

Instrument :
BNA_P
ClientSampleId :
RT4262

Tgt Ion:264 Resp: 1221110
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.8 17.5 26.3

