

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026264.D
 Acq On : 09 Dec 2025 16:58
 Operator : RC/JU
 Sample : Q3795-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR 200059

Quant Time: Dec 09 17:17:21 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)

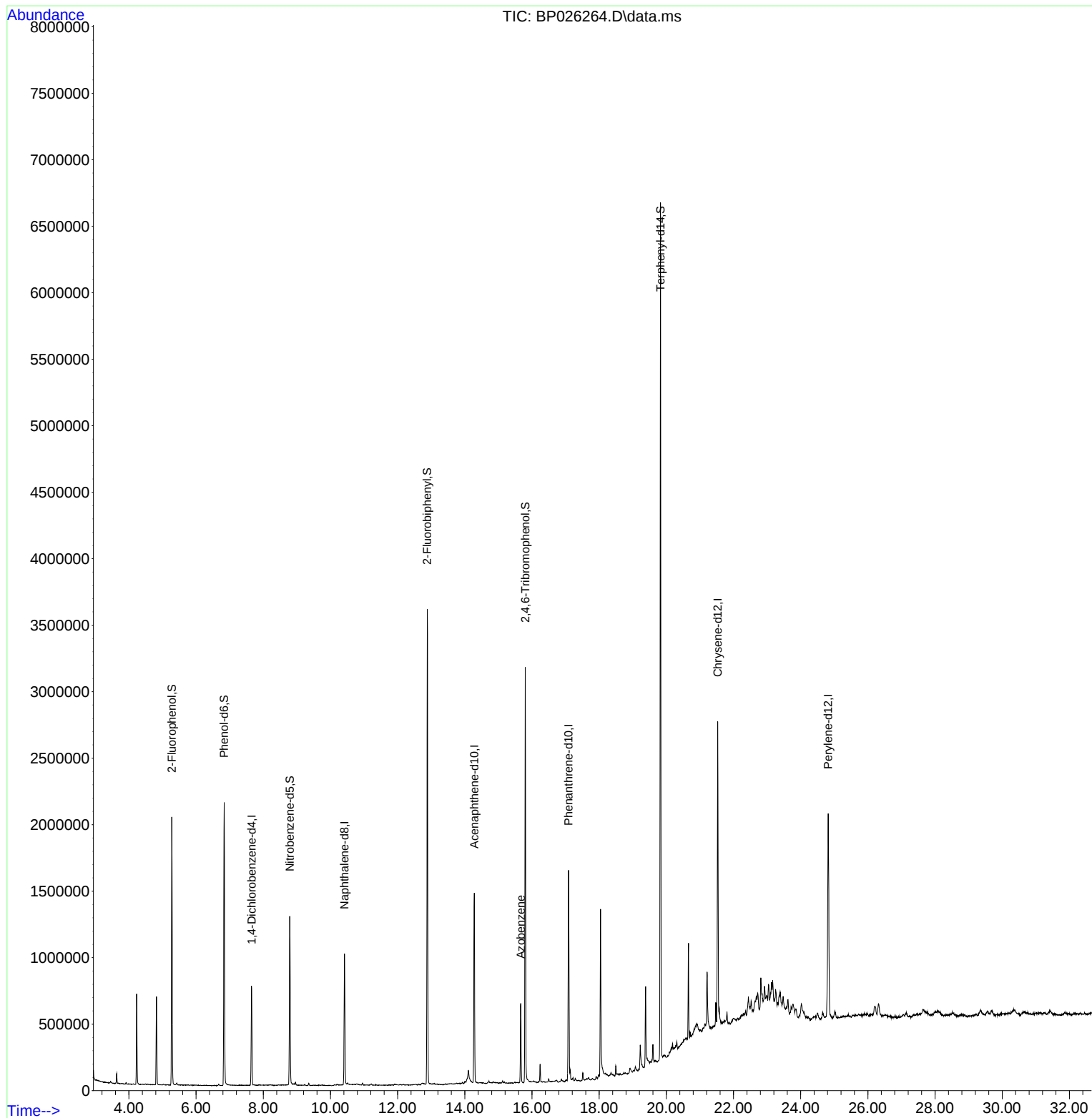
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	214784	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	849141	20.000	ng	0.00
39) Acenaphthene-d10	14.283	164	556266	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	1138277	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1272981	20.000	ng	0.00
86) Perylene-d12	24.818	264	1461602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	905942	67.811	ng	0.00
7) Phenol-d6	6.837	99	1270862	75.360	ng	0.00
23) Nitrobenzene-d5	8.790	82	706237	47.341	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	607137	83.928	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	1935689	50.592	ng	-0.02
79) Terphenyl-d14	19.824	244	3362931	53.996	ng	-0.01
Target Compounds						
63) Azobenzene	15.666	77	178398	5.103	ng	Qvalue # 1

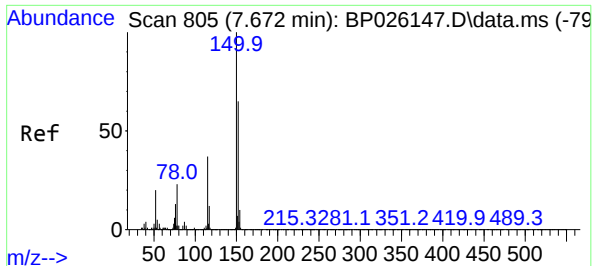
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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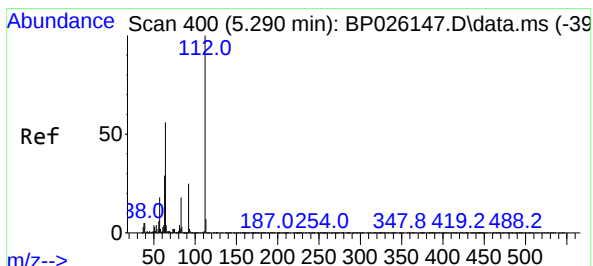
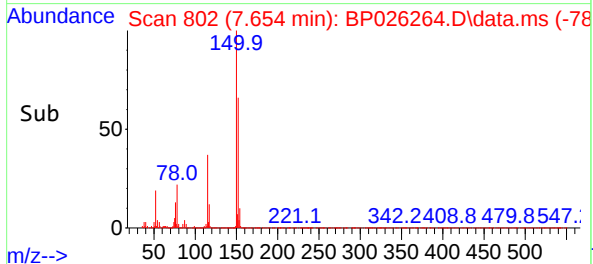
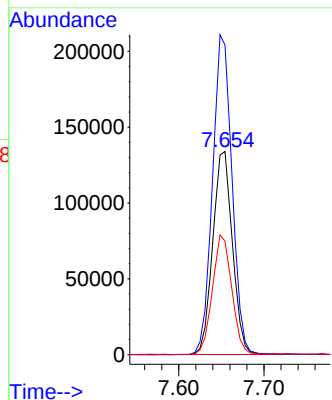
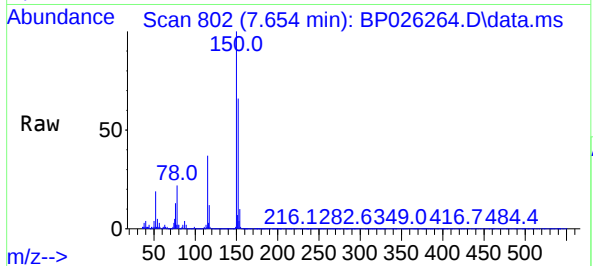




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.001 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

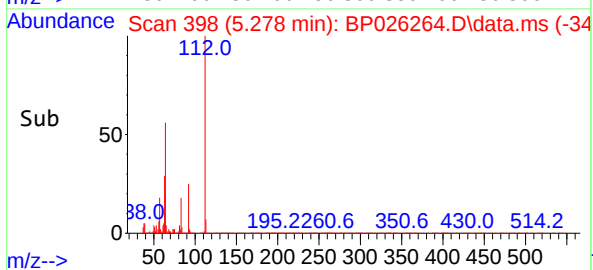
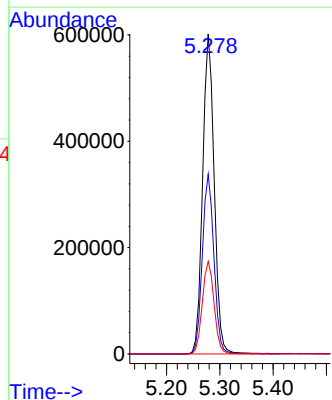
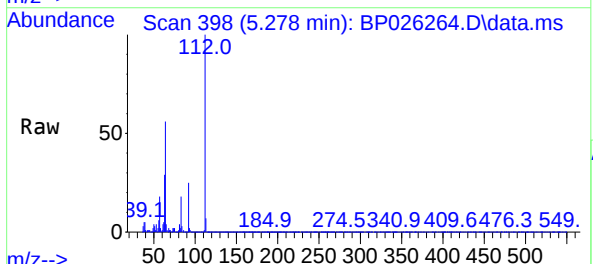
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BNA_P
ClientSampleId :
RBR 200059

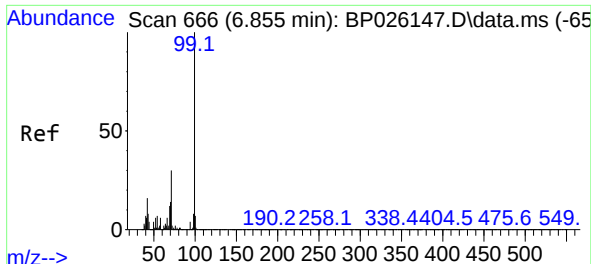
Tgt Ion:152 Resp: 214784
Ion Ratio Lower Upper
152 100
150 152.3 123.0 184.6
115 55.9 46.3 69.5



#5
2-Fluorophenol
Concen: 67.811 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

Tgt Ion:112 Resp: 905942
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 28.9 23.5 35.3

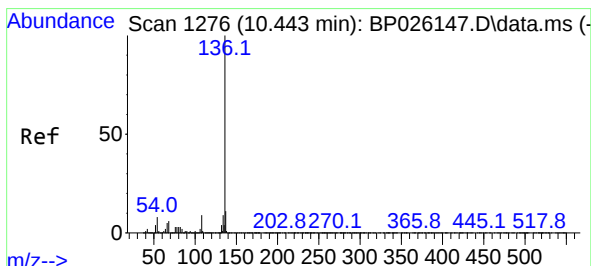
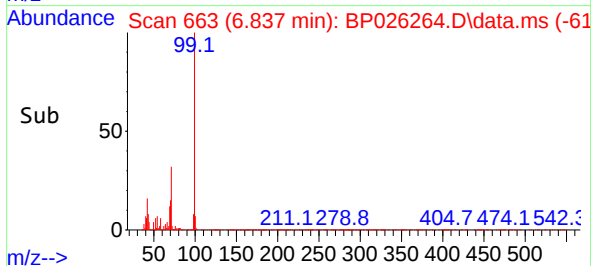
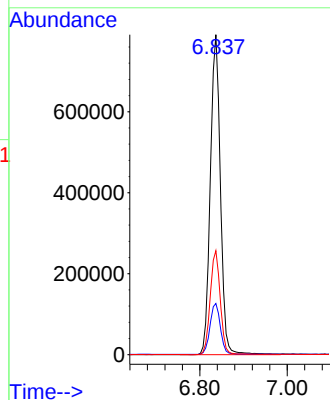
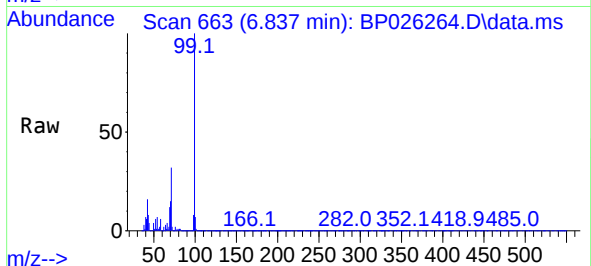




#7
Phenol-d6
Concen: 75.360 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

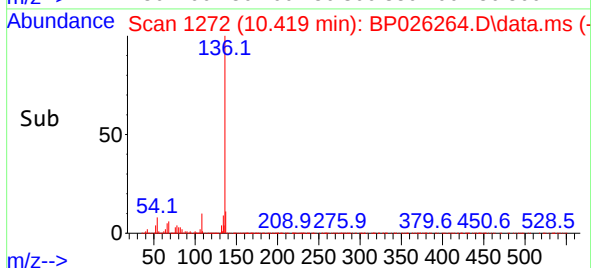
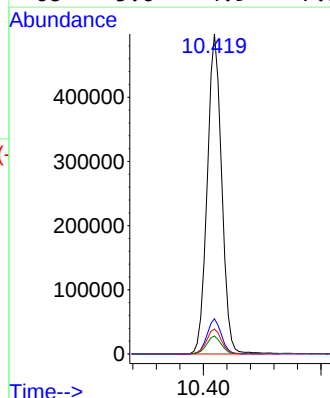
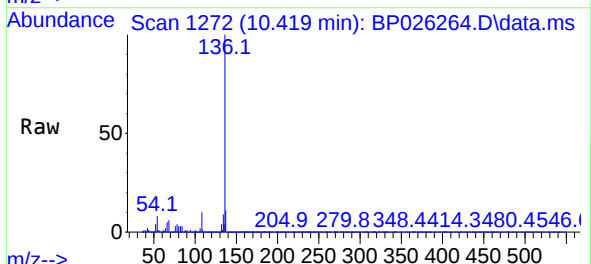
Instrument :
BNA_P
ClientSampleId :
RBR 200059

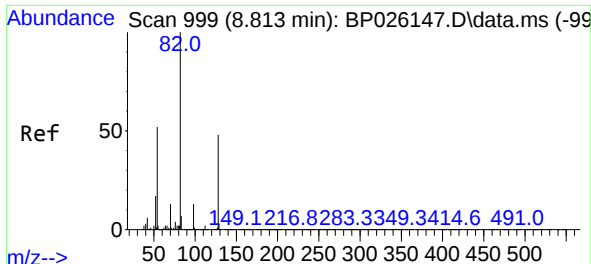
Tgt Ion: 99 Resp: 1270862
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 32.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

Tgt Ion:136 Resp: 849141
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.4 9.6
68 5.6 4.9 7.3

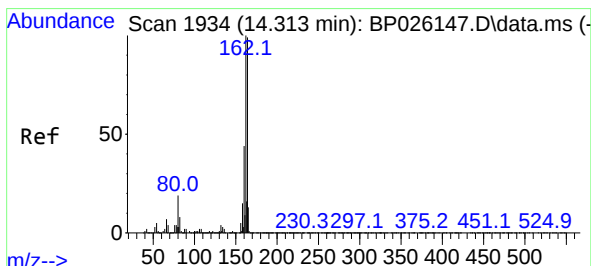
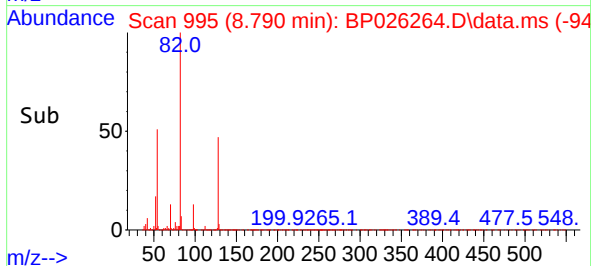
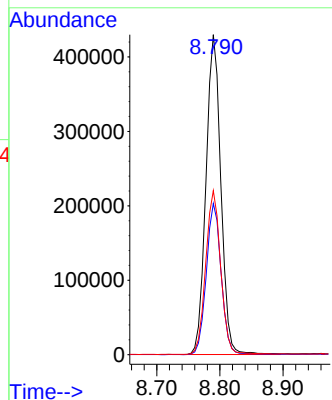
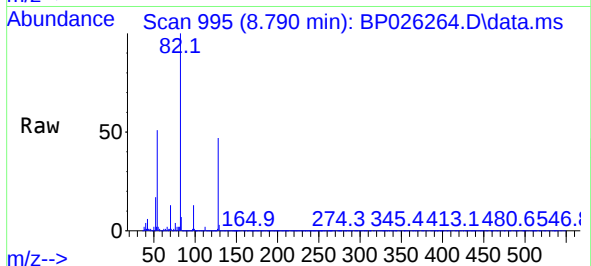




#23
Nitrobenzene-d5
Concen: 47.341 ng
RT: 8.790 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

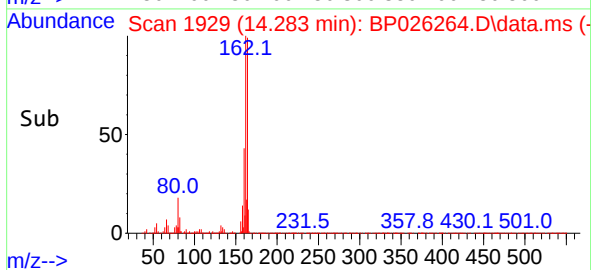
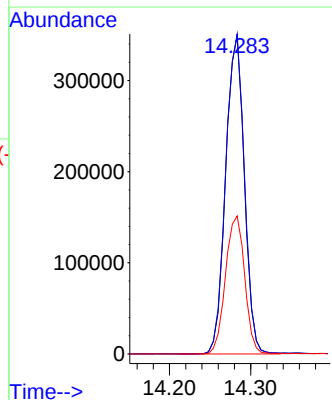
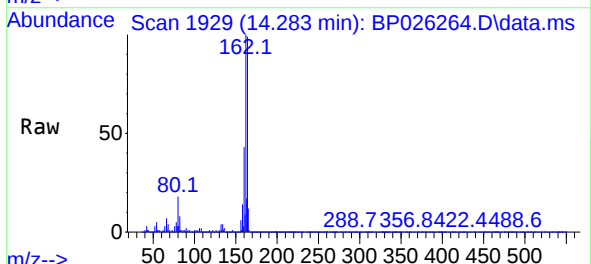
Instrument :
BNA_P
ClientSampleId :
RBR 200059

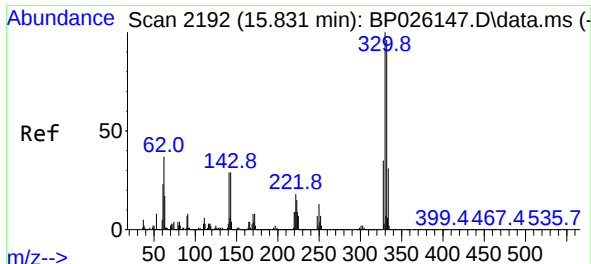
Tgt Ion: 82 Resp: 706237
Ion Ratio Lower Upper
82 100
128 47.3 37.4 56.0
54 51.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

Tgt Ion: 164 Resp: 556266
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 43.4 35.2 52.8

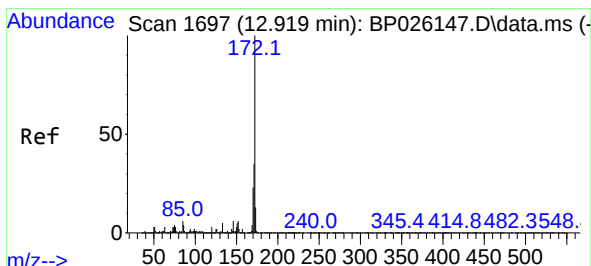
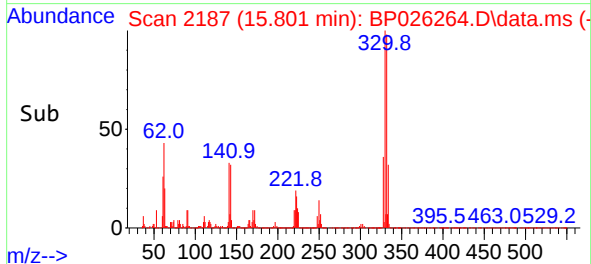
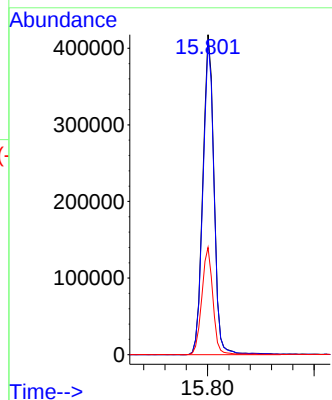
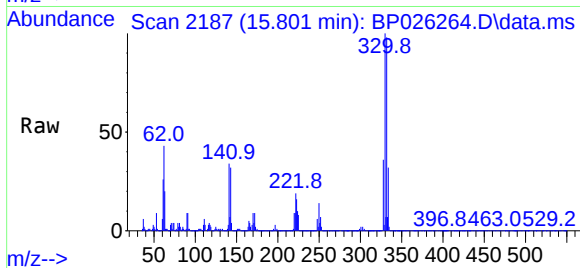




#42
2,4,6-Tribromophenol
Concen: 83.928 ng
RT: 15.801 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

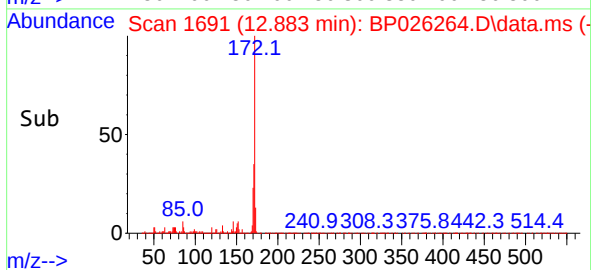
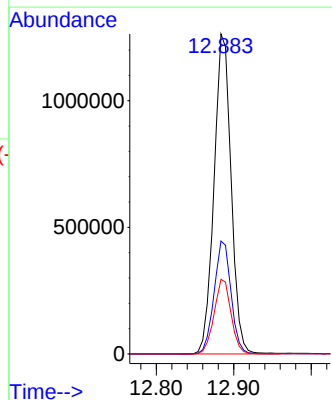
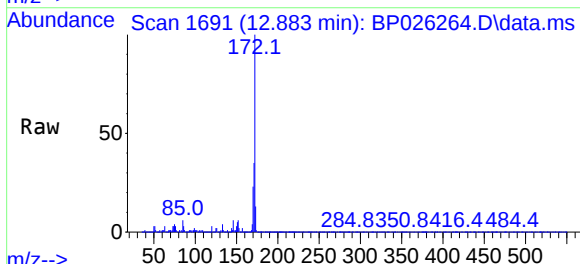
Instrument :
BNA_P
ClientSampleId :
RBR 200059

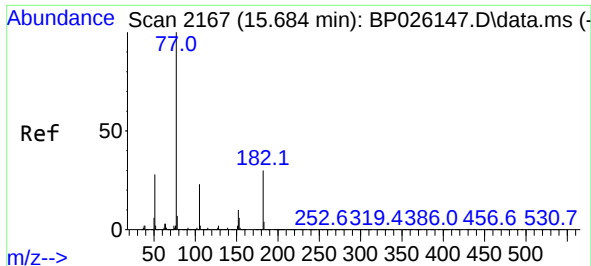
Tgt Ion:330 Resp: 607137
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 33.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 50.592 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

Tgt Ion:172 Resp: 1935689
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.7 28.1

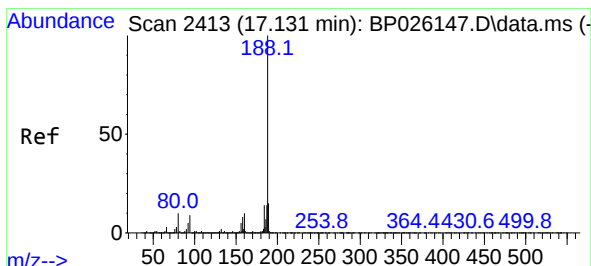
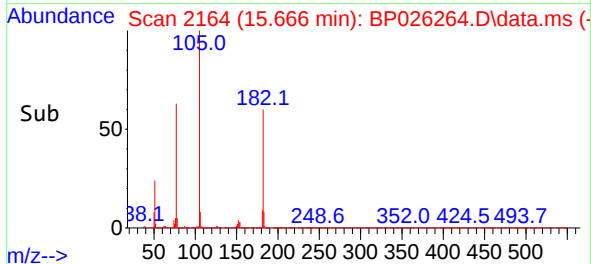
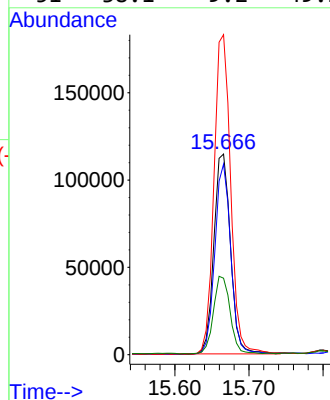
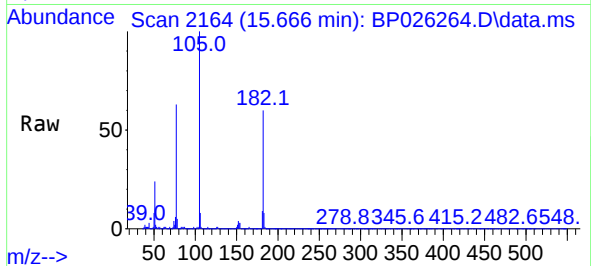




#63
Azobenzene
Concen: 5.103 ng
RT: 15.666 min Scan# 2167
Delta R.T. 0.011 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

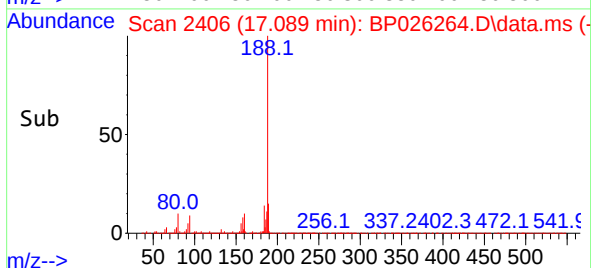
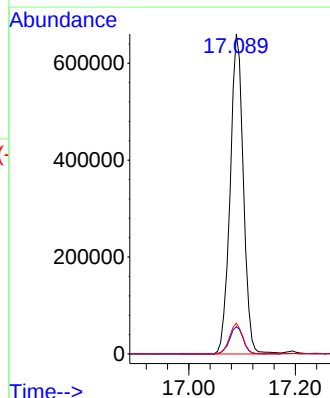
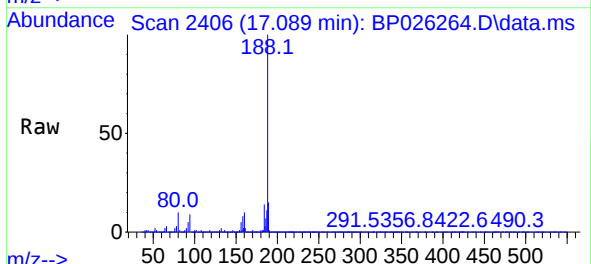
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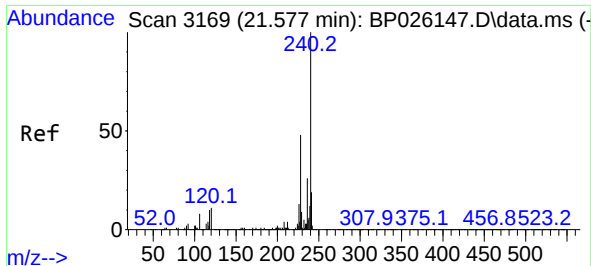
Tgt Ion: 77 Resp: 178398
Ion Ratio Lower Upper
77 100
182 95.0 8.8 48.8#
105 159.5 2.6 42.6#
51 38.1 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

Tgt Ion: 188 Resp: 1138277
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.6 8.2 12.2

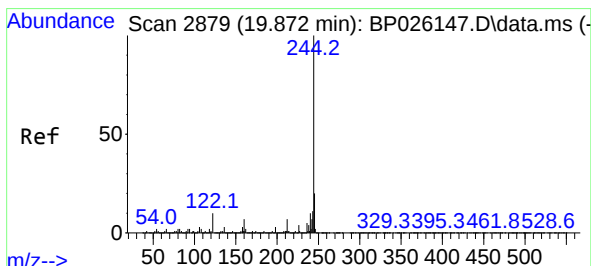
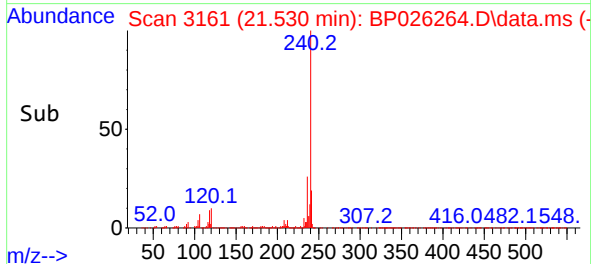
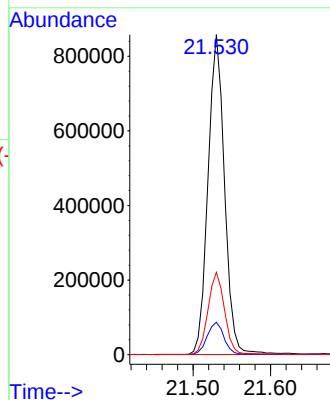
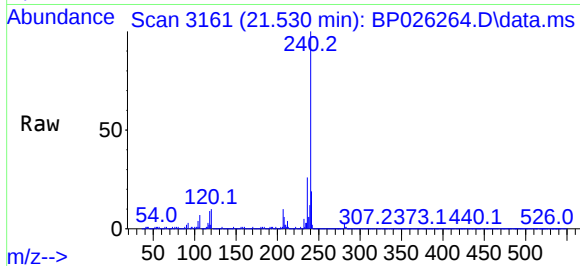




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

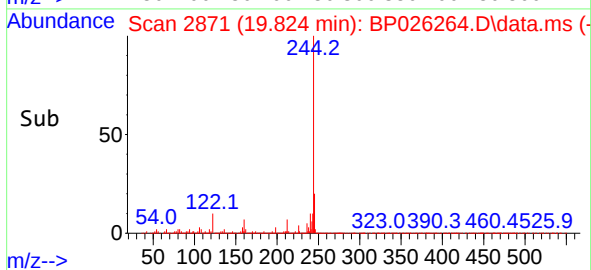
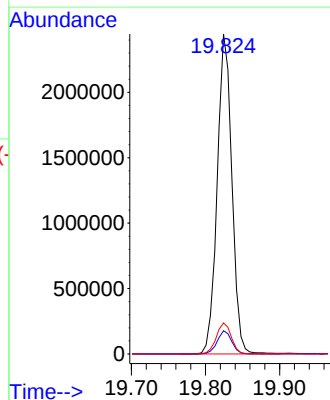
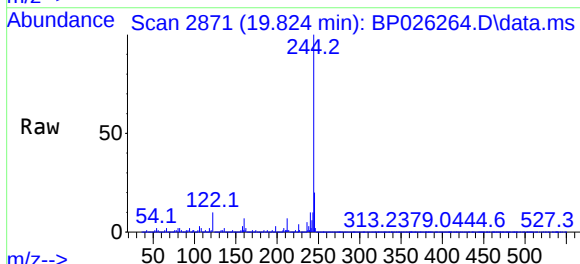
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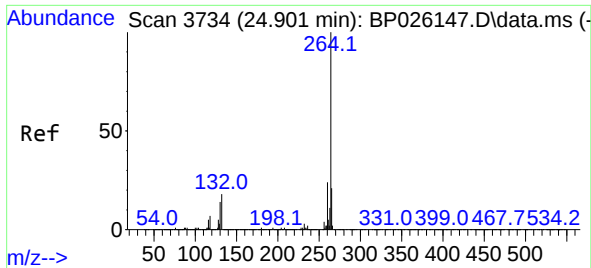
Tgt Ion:240 Resp: 1272981
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 53.996 ng
RT: 19.824 min Scan# 2871
Delta R.T. -0.012 min
Lab File: BP026264.D
Acq: 09 Dec 2025 16:58

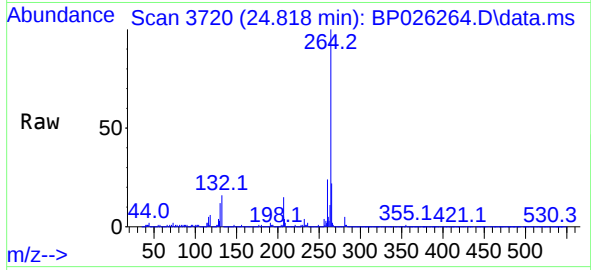
Tgt Ion:244 Resp: 3362931
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.818 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP026264.D
 Acq: 09 Dec 2025 16:58

Instrument :
 BNA_P
 ClientSampleId :
 RBR 200059



Tgt Ion:264 Resp: 1461602

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.2	17.5	26.3

