

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026118.D
 Acq On : 12 Nov 2025 18:39
 Operator : RC/JU
 Sample : Q3597-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Nov 13 01:11:51 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	7.672	152	271669	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1039200	20.000	ng	-0.01
39) Acenaphthene-d10	14.301	164	621903	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1272348	20.000	ng	-0.01
76) Chrysene-d12	21.571	240	1471499	20.000	ng	0.00
86) Perylene-d12	24.895	264	1704131	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1460747	88.725	ng	0.00
7) Phenol-d6	6.849	99	1778556	84.874	ng	0.00
23) Nitrobenzene-d5	8.813	82	1034526	62.060	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	680751	101.251	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	2556641	59.072	ng	-0.02
79) Terphenyl-d14	19.866	244	4225989	58.348	ng	0.00

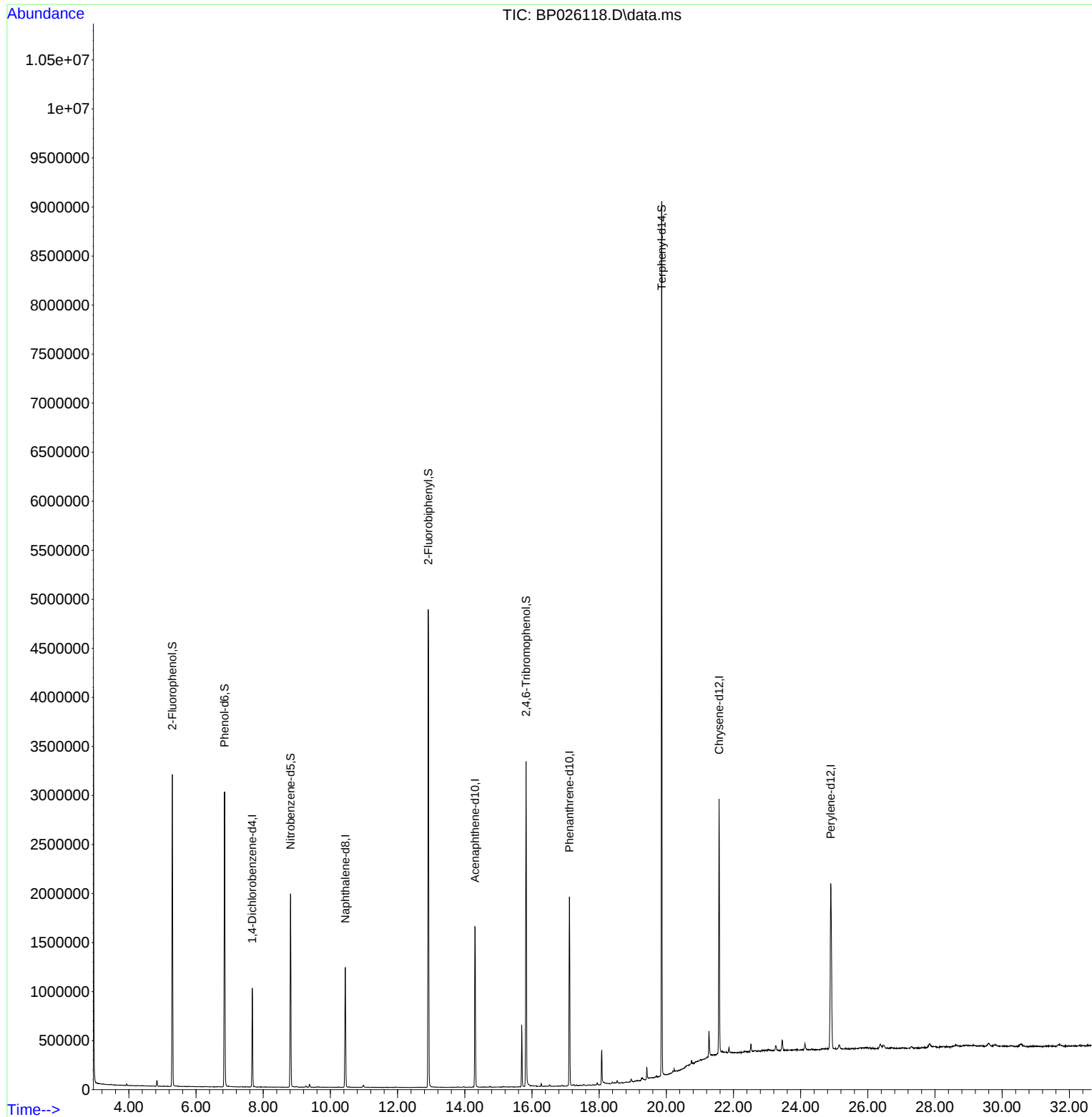
Target Compounds	Qvalue

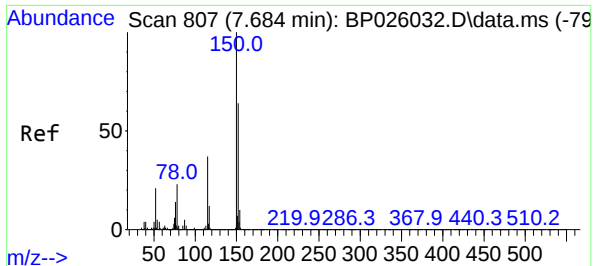
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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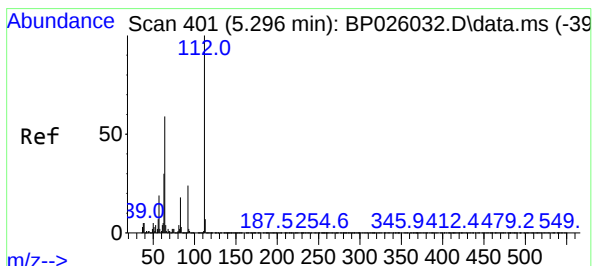
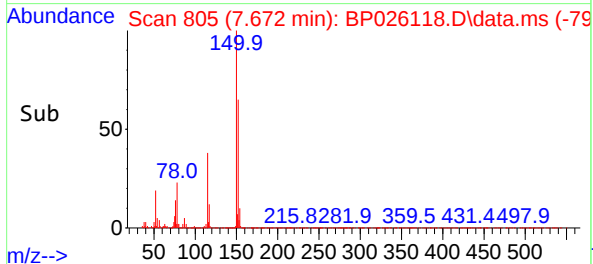
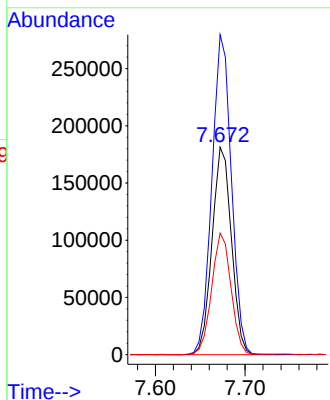
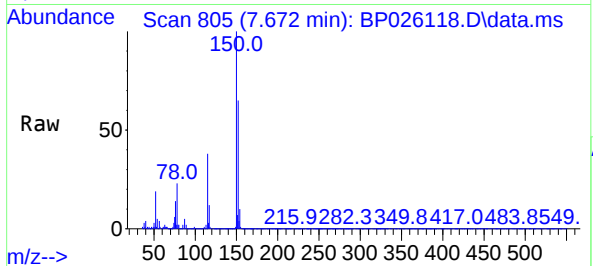




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

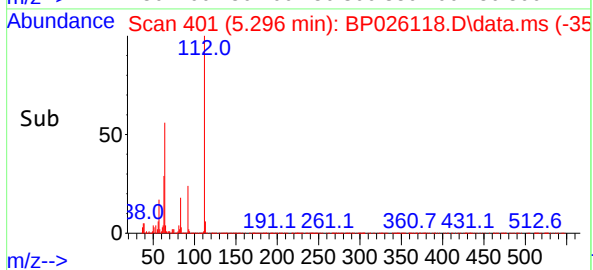
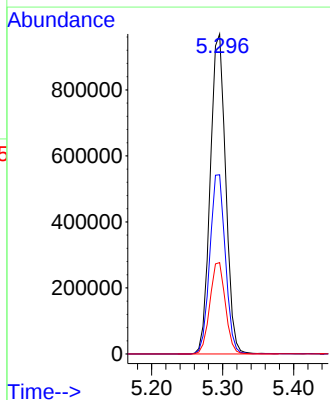
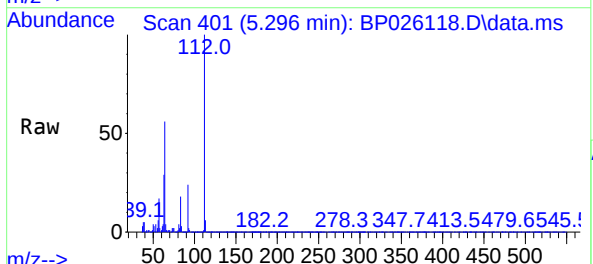
Instrument :
BNA_P
ClientSampleId :
TP-2

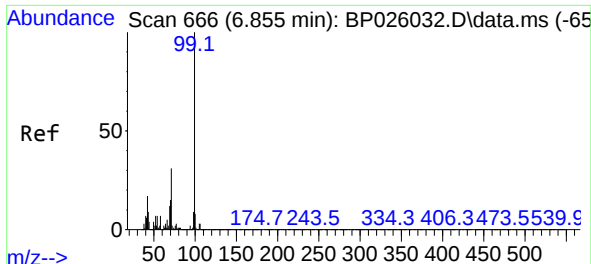
Tgt Ion:152 Resp: 271669
Ion Ratio Lower Upper
152 100
150 154.2 125.7 188.5
115 58.5 46.4 69.6



#5
2-Fluorophenol
Concen: 88.725 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:112 Resp: 1460747
Ion Ratio Lower Upper
112 100
64 56.0 47.4 71.2
63 28.5 24.2 36.4

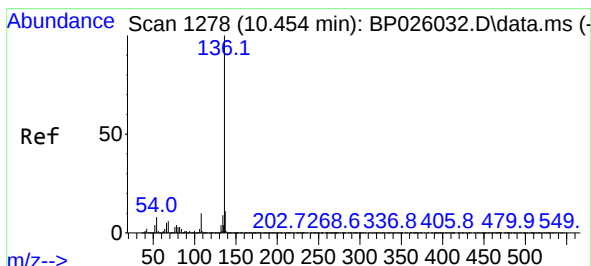
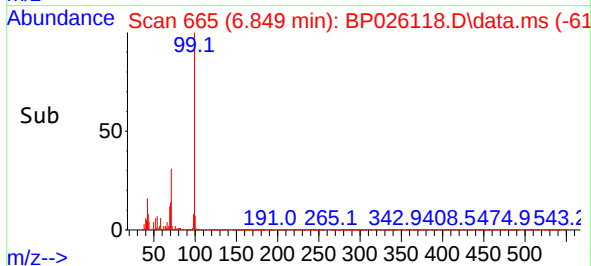
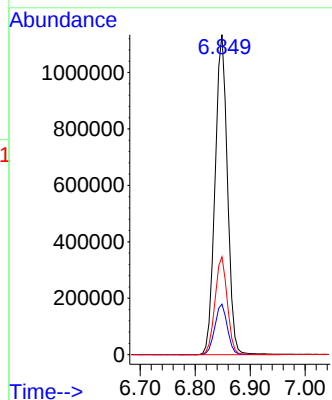
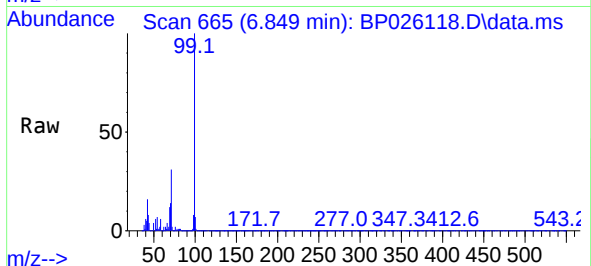




#7
Phenol-d6
Concen: 84.874 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

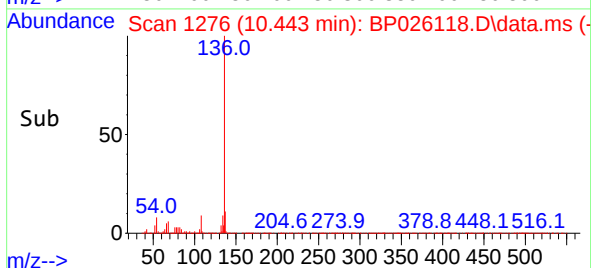
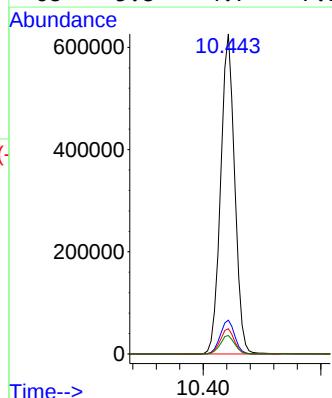
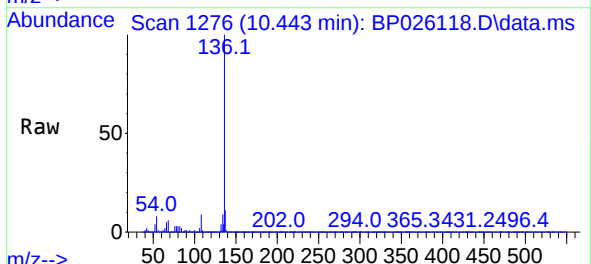
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ClientSampleId :
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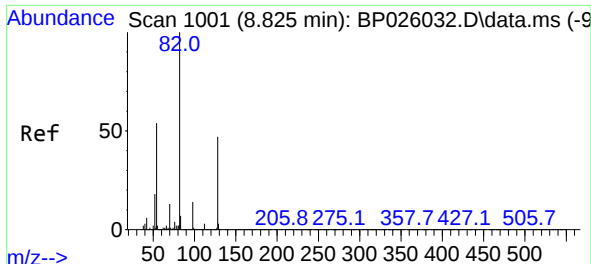
Tgt Ion: 99 Resp: 1778556
Ion Ratio Lower Upper
99 100
42 15.8 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:136 Resp: 1039200
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.9 6.6 10.0
68 5.8 4.7 7.1

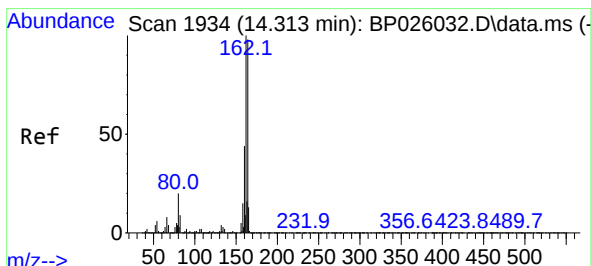
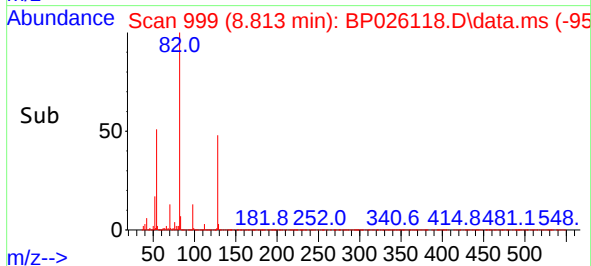
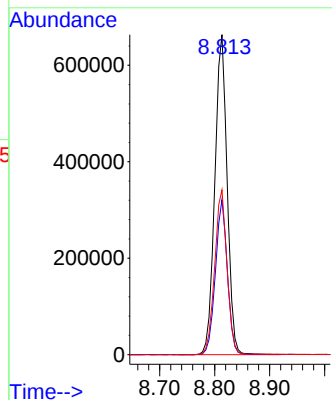
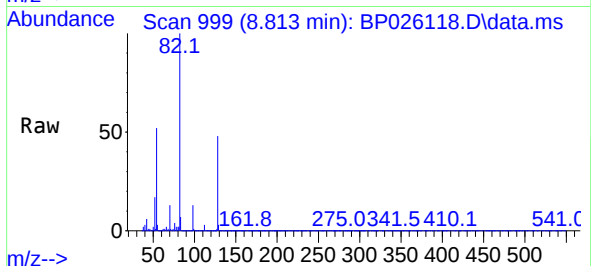




#23
Nitrobenzene-d5
Concen: 62.060 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

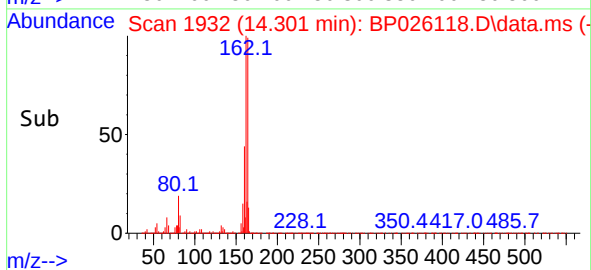
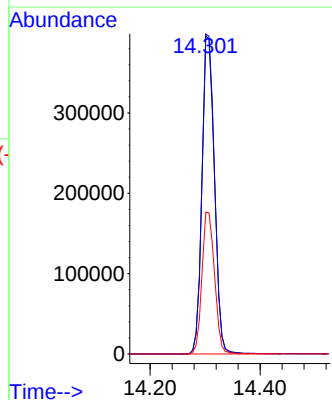
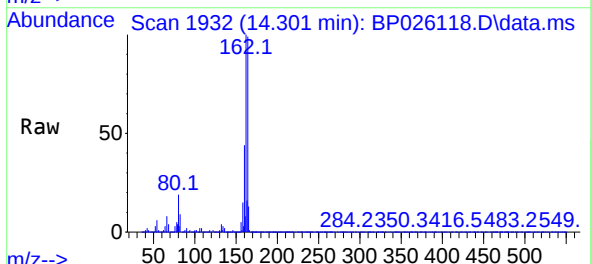
Instrument :
BNA_P
ClientSampleId :
TP-2

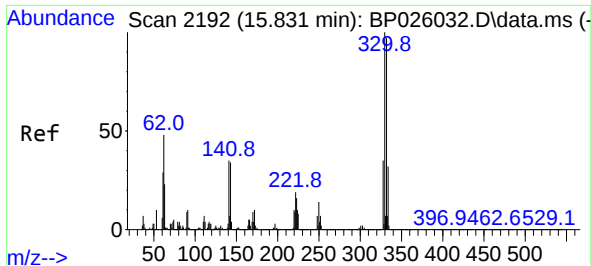
Tgt Ion: 82 Resp: 1034526
Ion Ratio Lower Upper
82 100
128 48.4 37.4 56.0
54 51.5 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion: 164 Resp: 621903
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.6 36.2 54.4

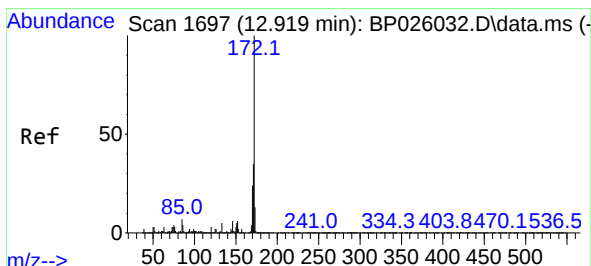
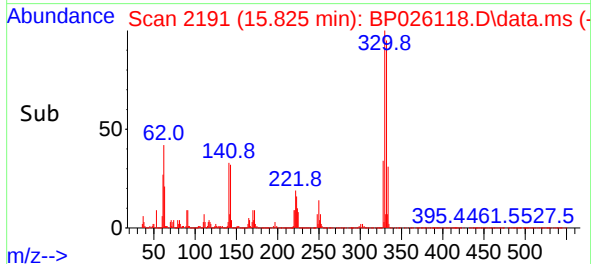
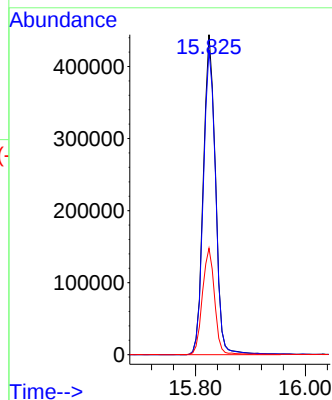
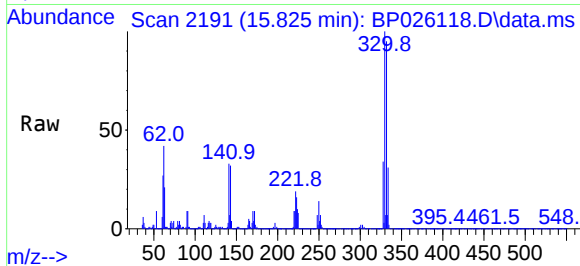




#42
2,4,6-Tribromophenol
Concen: 101.251 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

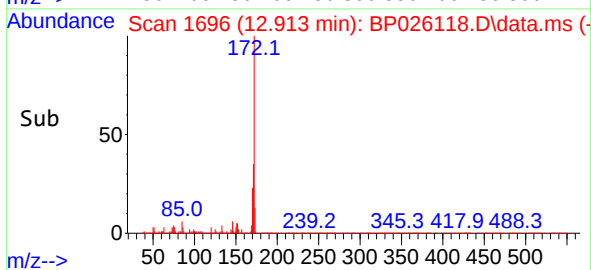
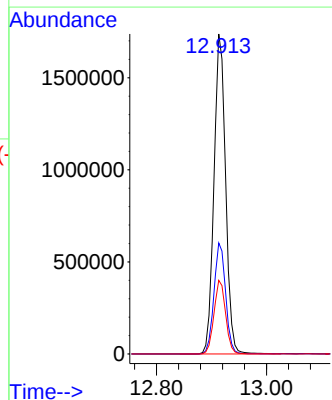
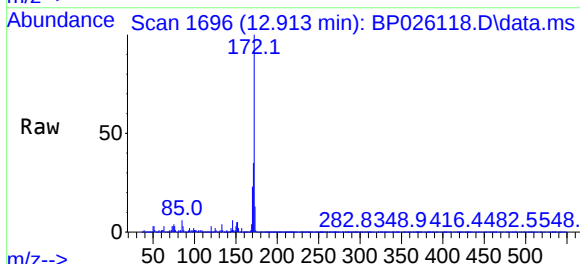
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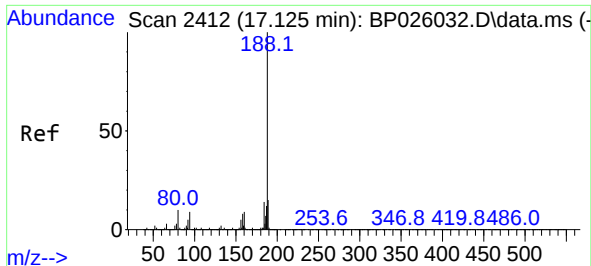
Tgt Ion:330 Resp: 680751
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 33.2 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 59.072 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:172 Resp: 2556641
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.0 19.0 28.4

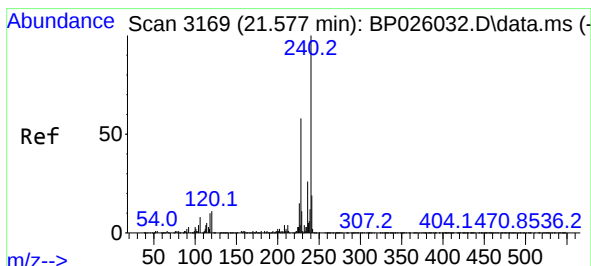
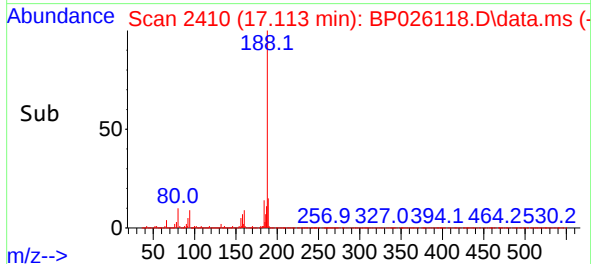
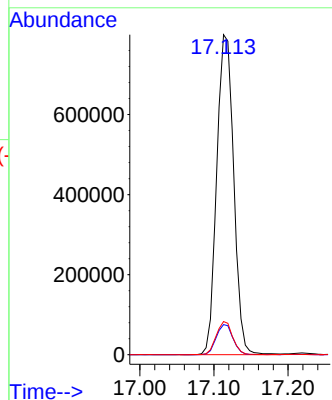
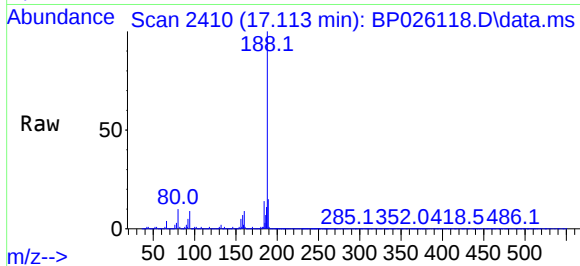




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

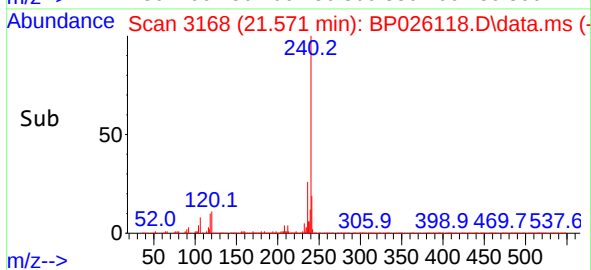
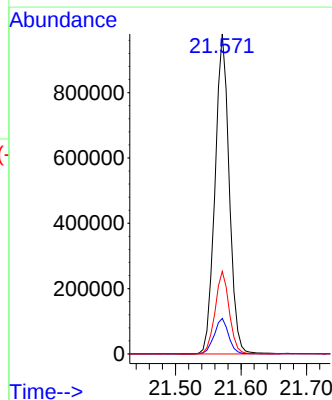
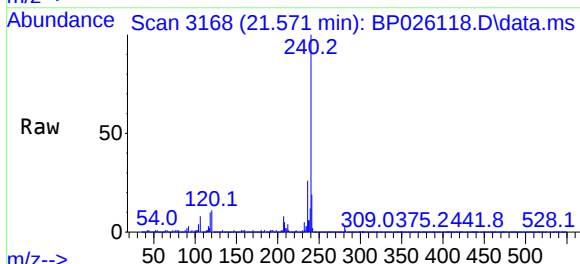
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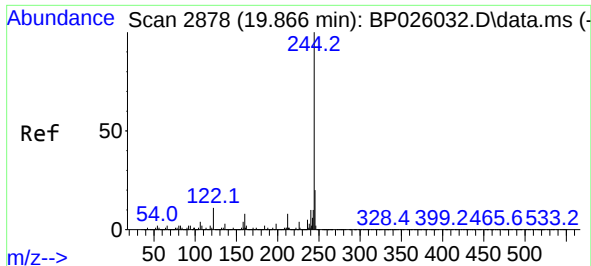
Tgt Ion:188 Resp: 1272348
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:240 Resp: 1471499
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.8 20.6 31.0

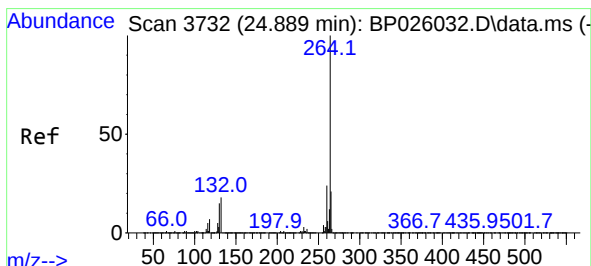
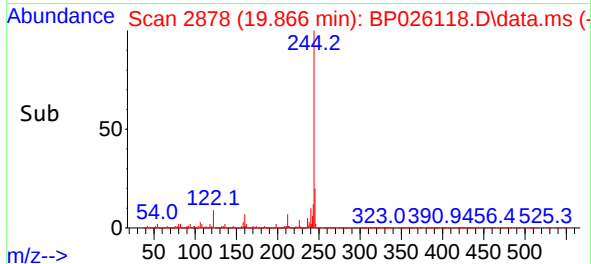
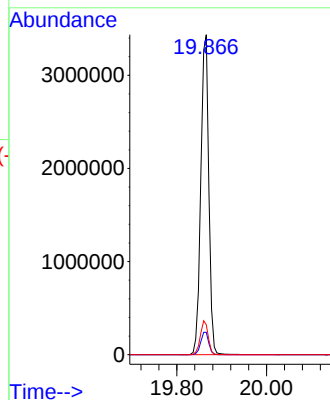
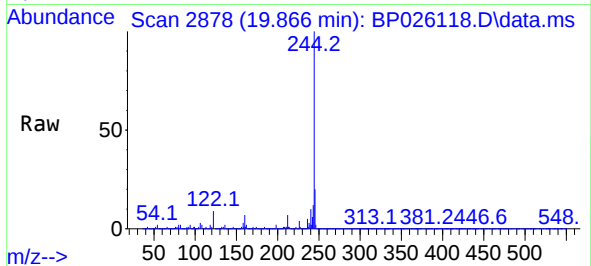




#79
 Terphenyl-d14
 Concen: 58.348 ng
 RT: 19.866 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP026118.D
 Acq: 12 Nov 2025 18:39

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 4225989
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.895 min Scan# 3733
 Delta R.T. 0.012 min
 Lab File: BP026118.D
 Acq: 12 Nov 2025 18:39

Tgt Ion:264 Resp: 1704131
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.0 17.2 25.8

