

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
 Data File : BP026138.D
 Acq On : 14 Nov 2025 12:44
 Operator : RC/JU
 Sample : PB170551BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170551BL

Quant Time: Nov 14 13:04:49 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	7.637	152	300946	20.000	ng	-0.05
21) Naphthalene-d8	10.419	136	1151878	20.000	ng	-0.03
39) Acenaphthene-d10	14.301	164	725078	20.000	ng	-0.02
64) Phenanthrene-d10	17.131	188	1566851	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1677427	20.000	ng	0.02
86) Perylene-d12	24.942	264	1886336	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.255	112	2462401	135.014	ng	-0.04
7) Phenol-d6	6.819	99	3006380	129.510	ng	-0.03
23) Nitrobenzene-d5	8.778	82	1772548	95.931	ng	-0.05
42) 2,4,6-Tribromophenol	15.831	330	1296035	165.336	ng	0.00
45) 2-Fluorobiphenyl	12.907	172	4209628	83.424	ng	-0.02
79) Terphenyl-d14	19.878	244	7325559	88.727	ng	0.01

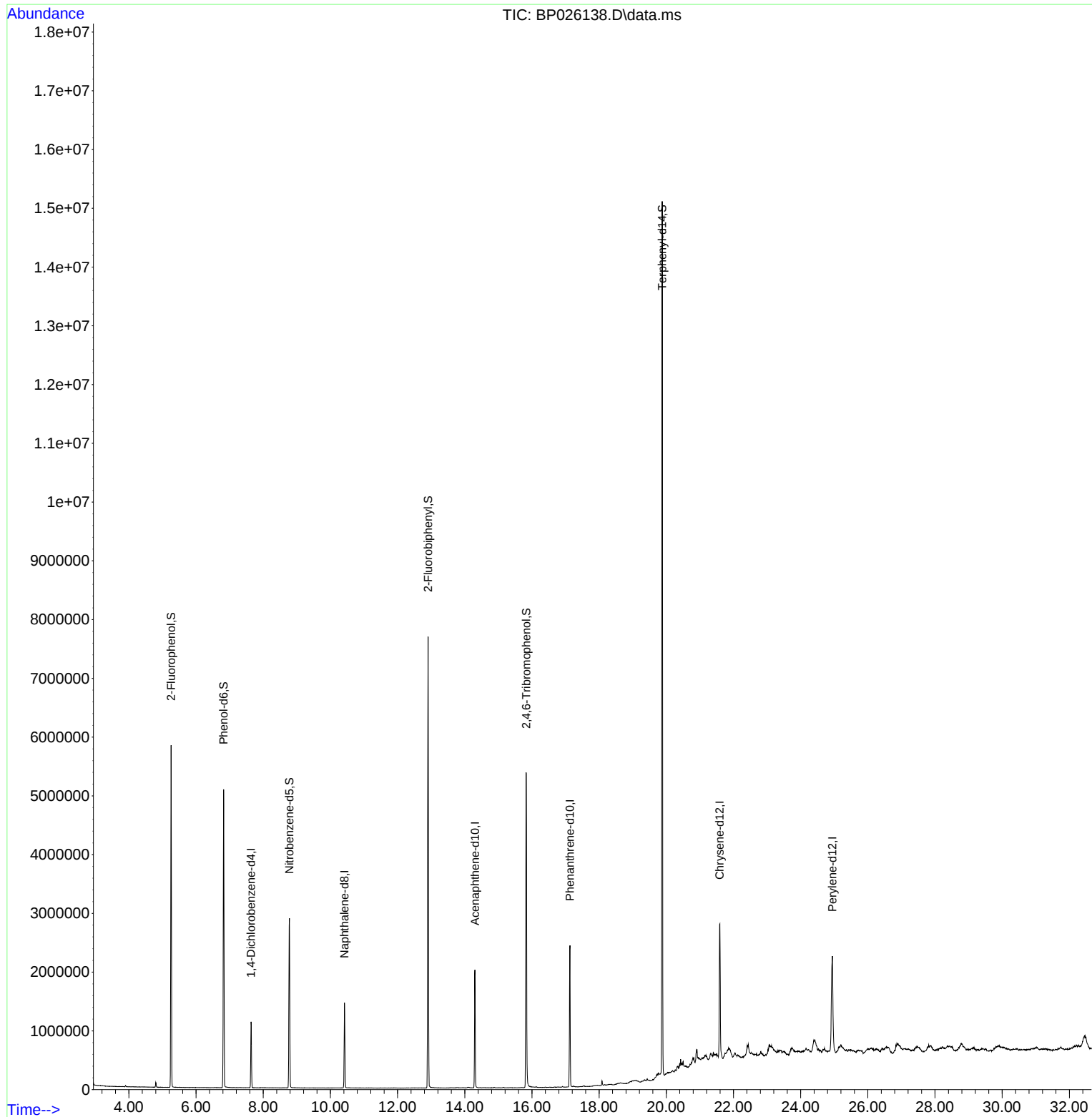
Target Compounds	Qvalue

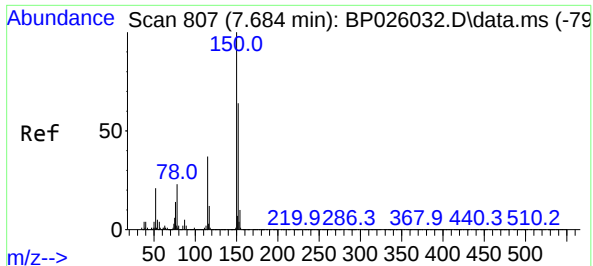
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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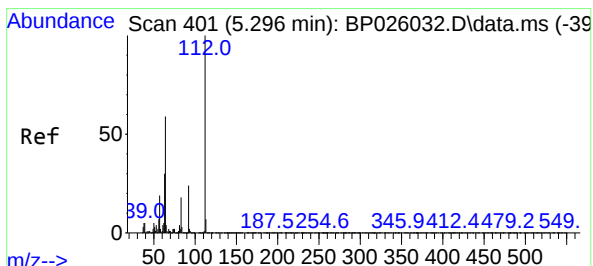
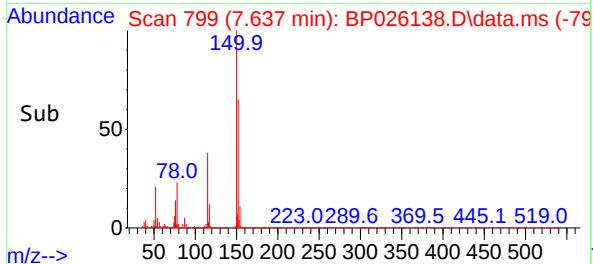
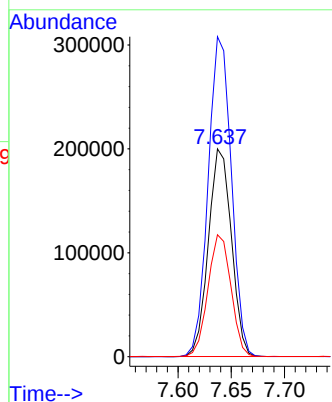
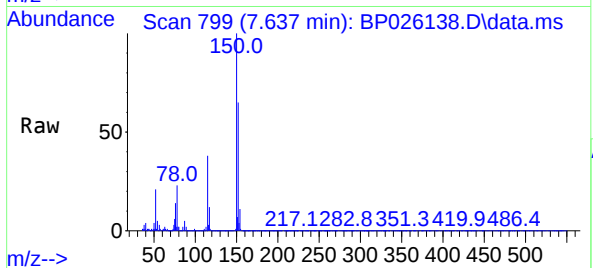




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.053 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

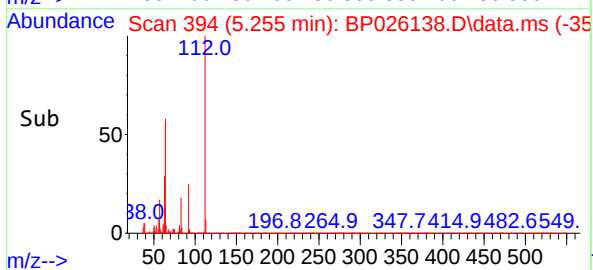
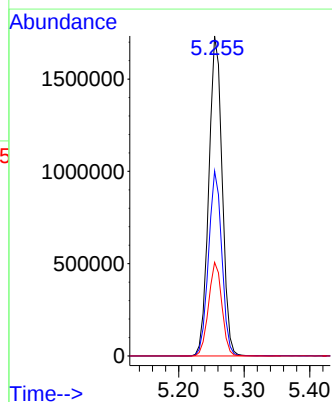
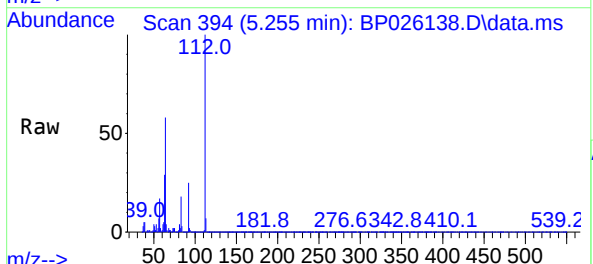
Instrument :
BNA_P
ClientSampleId :
PB170551BL

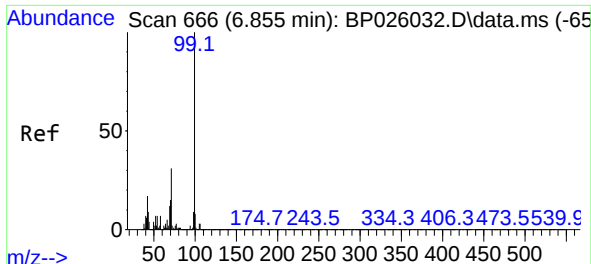
Tgt Ion:152 Resp: 300946
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 58.7 46.4 69.6



#5
2-Fluorophenol
Concen: 135.014 ng
RT: 5.255 min Scan# 394
Delta R.T. -0.041 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:112 Resp: 2462401
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.2
63 29.2 24.2 36.4

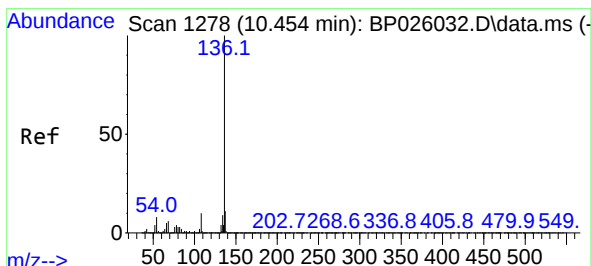
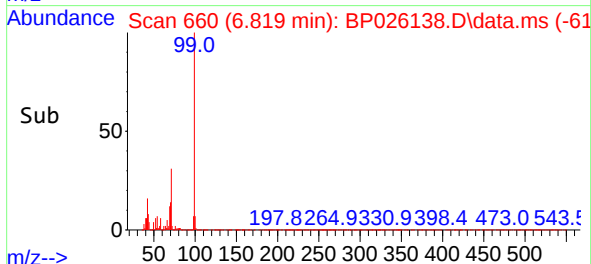
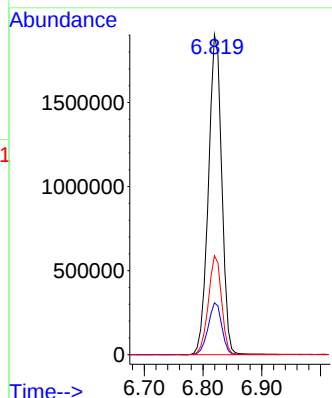
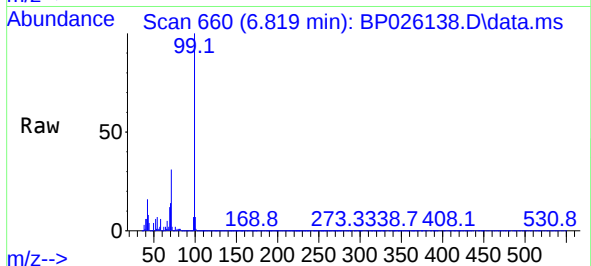




#7
Phenol-d6
Concen: 129.510 ng
RT: 6.819 min Scan# 60
Delta R.T. -0.035 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

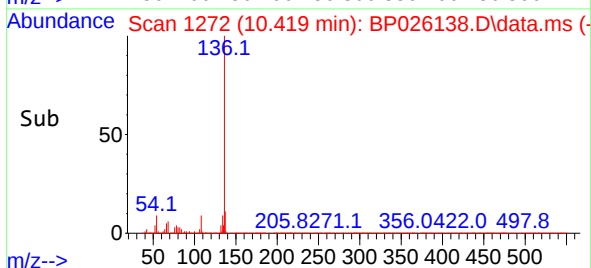
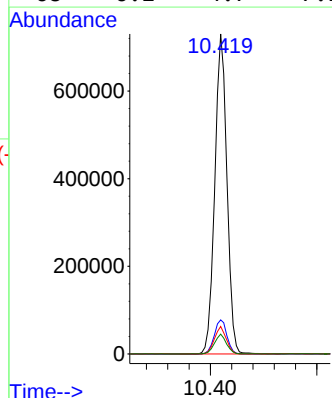
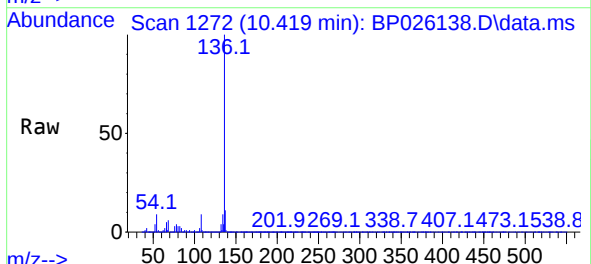
Instrument :
BNA_P
ClientSampleId :
PB170551BL

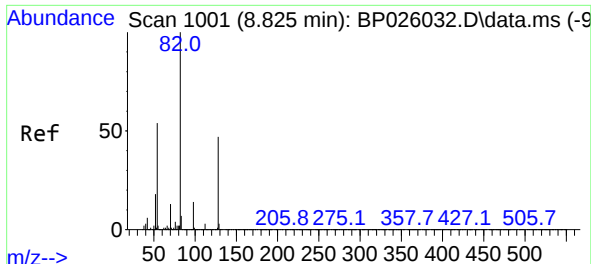
Tgt Ion: 99 Resp: 3006380
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.035 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:136 Resp: 1151878
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.6 6.6 10.0
68 6.2 4.7 7.1

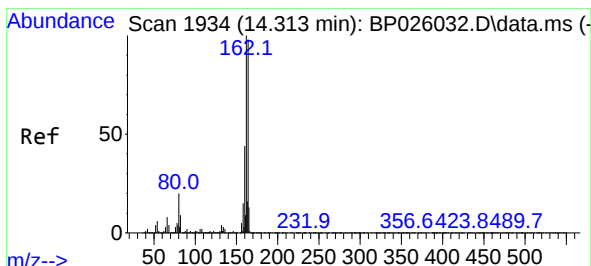
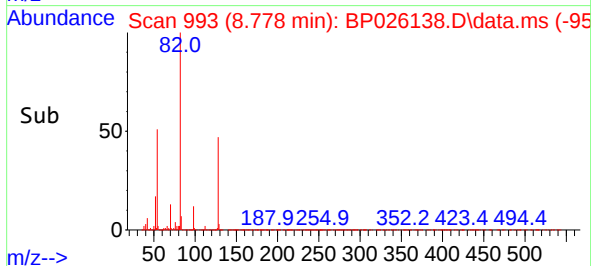
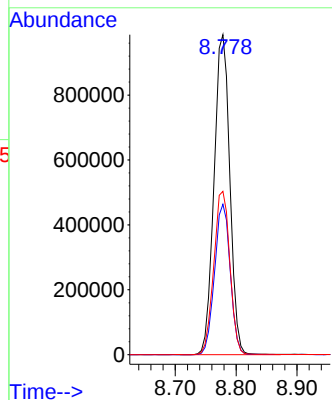
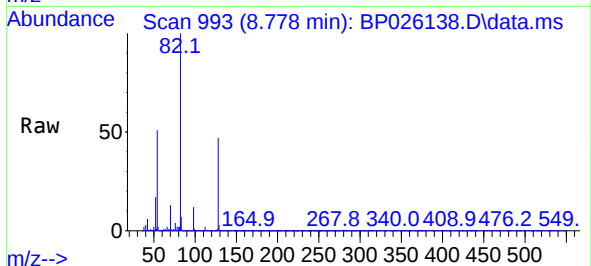




#23
Nitrobenzene-d5
Concen: 95.931 ng
RT: 8.778 min Scan# 993
Delta R.T. -0.047 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

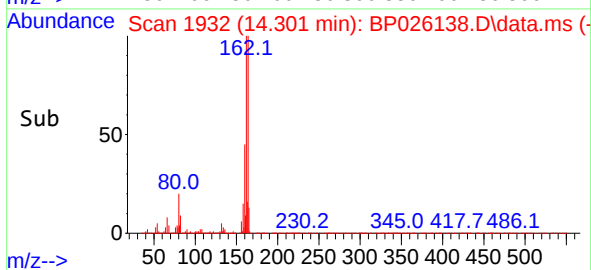
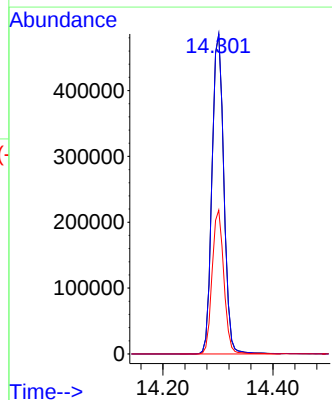
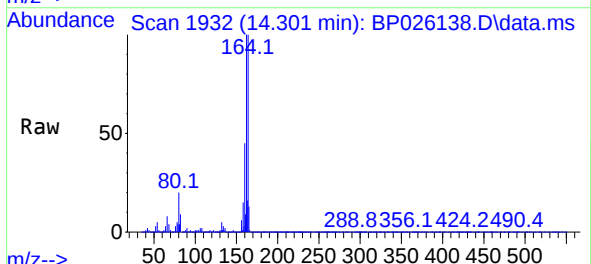
Instrument :
BNA_P
ClientSampleId :
PB170551BL

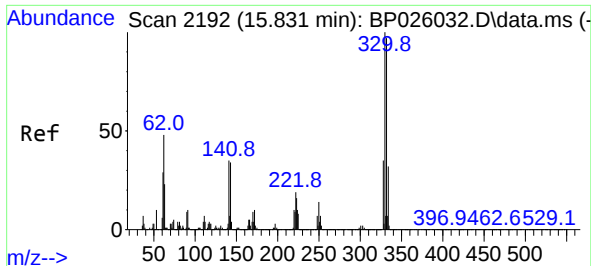
Tgt Ion: 82 Resp: 1772548
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 51.0 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.017 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:164 Resp: 725078
Ion Ratio Lower Upper
164 100
162 100.1 81.5 122.3
160 45.0 36.2 54.4

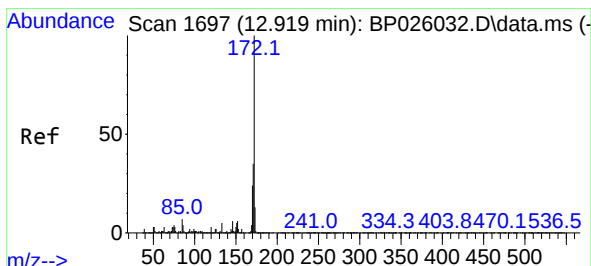
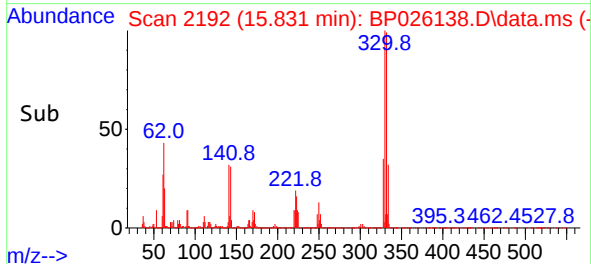
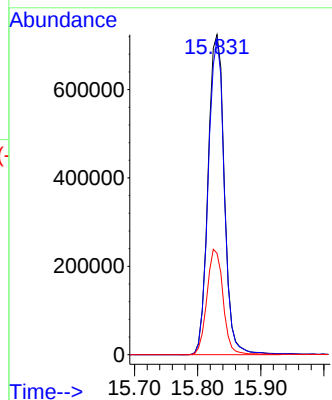
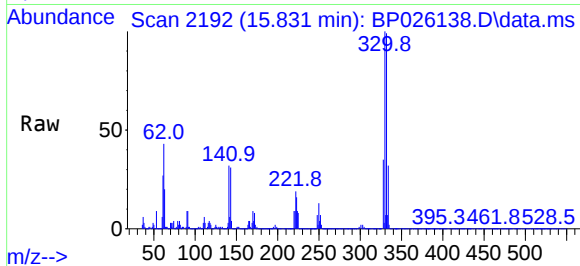




#42
2,4,6-Tribromophenol
Concen: 165.336 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

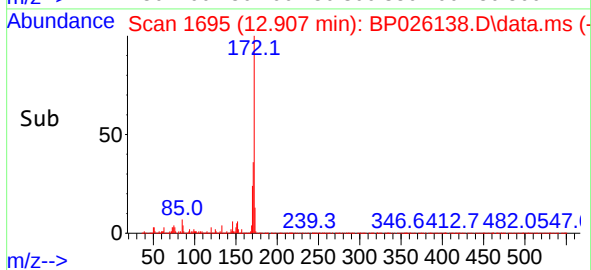
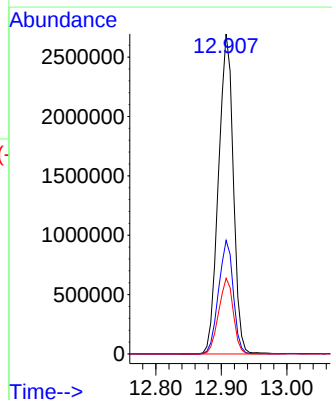
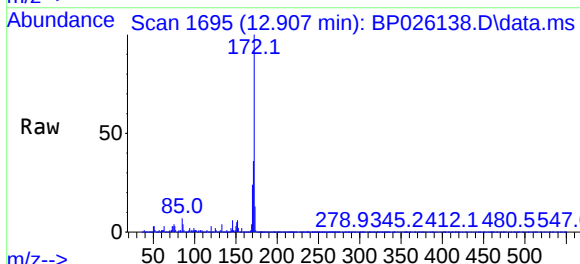
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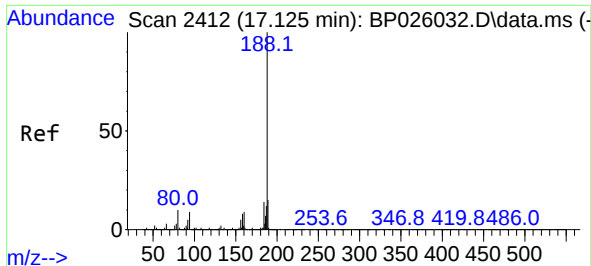
Tgt Ion:330 Resp: 1296035
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.7 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 83.424 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.024 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:172 Resp: 4209628
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 19.0 28.4

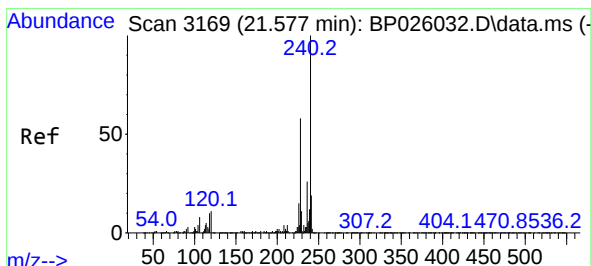
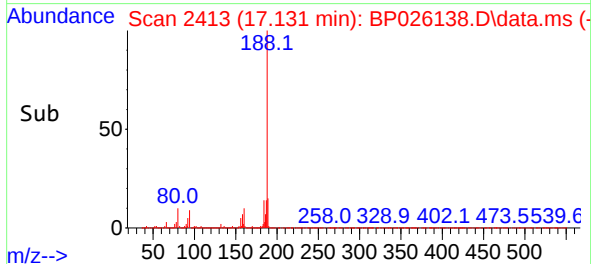
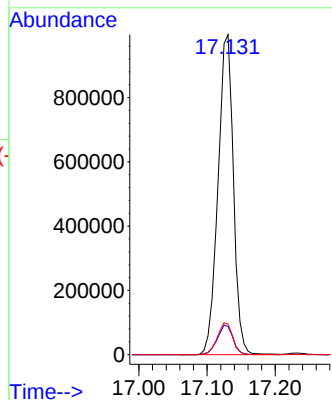
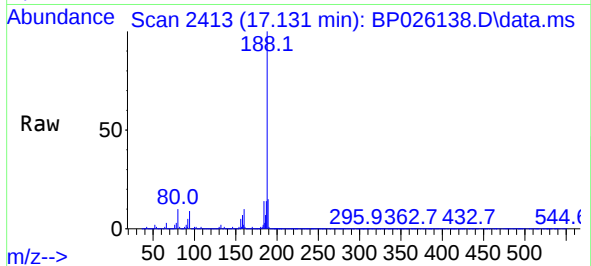




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

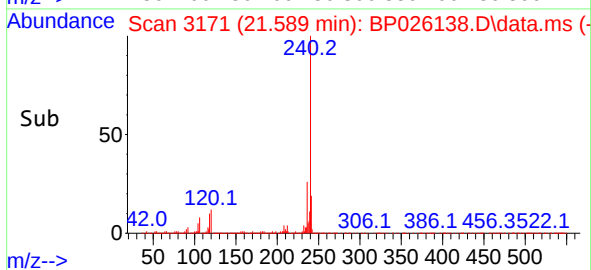
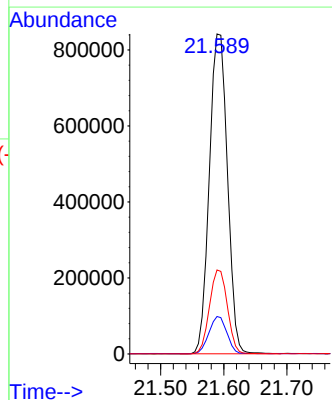
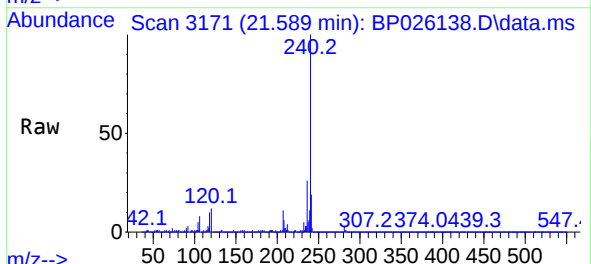
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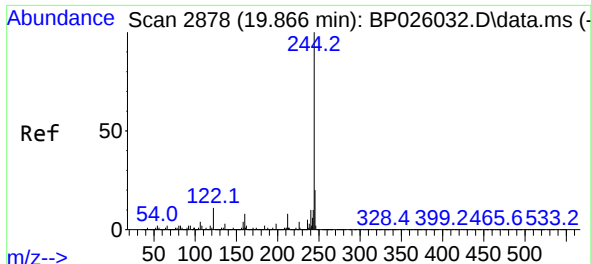
Tgt Ion:188 Resp: 1566851
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:240 Resp: 1677427
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.2 20.6 31.0

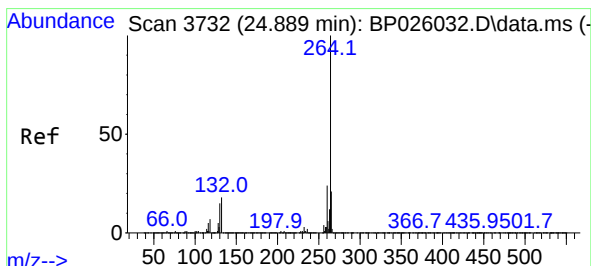
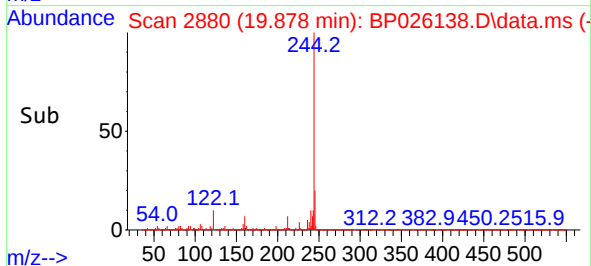
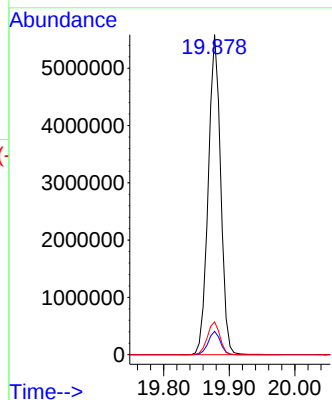
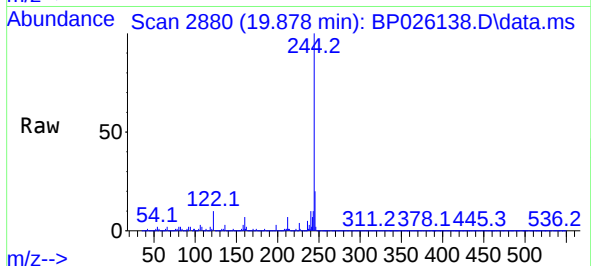




#79
 Terphenyl-d14
 Concen: 88.727 ng
 RT: 19.878 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP026138.D
 Acq: 14 Nov 2025 12:44

Instrument :
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Tgt Ion:244 Resp: 7325559
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.942 min Scan# 3741
 Delta R.T. 0.059 min
 Lab File: BP026138.D
 Acq: 14 Nov 2025 12:44

Tgt Ion:264 Resp: 1886336
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.5 17.2 25.8

