

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026042.D
 Acq On : 30 Oct 2025 13:17
 Operator : RC/JU
 Sample : PB170261TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170261TB

Quant Time: Oct 30 13:41:48 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	7.684	152	355143	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1409306	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	870770	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	1619254	20.000	ng	0.02
76) Chrysene-d12	21.577	240	1377786	20.000	ng	0.01
86) Perylene-d12	24.907	264	1485582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	3065746	142.443	ng	0.00
7) Phenol-d6	6.855	99	3771716	137.684	ng	0.00
23) Nitrobenzene-d5	8.825	82	2153182	95.245	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1221699	129.776	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	5523159	91.142	ng	0.00
79) Terphenyl-d14	19.877	244	6769368	99.821	ng	0.01

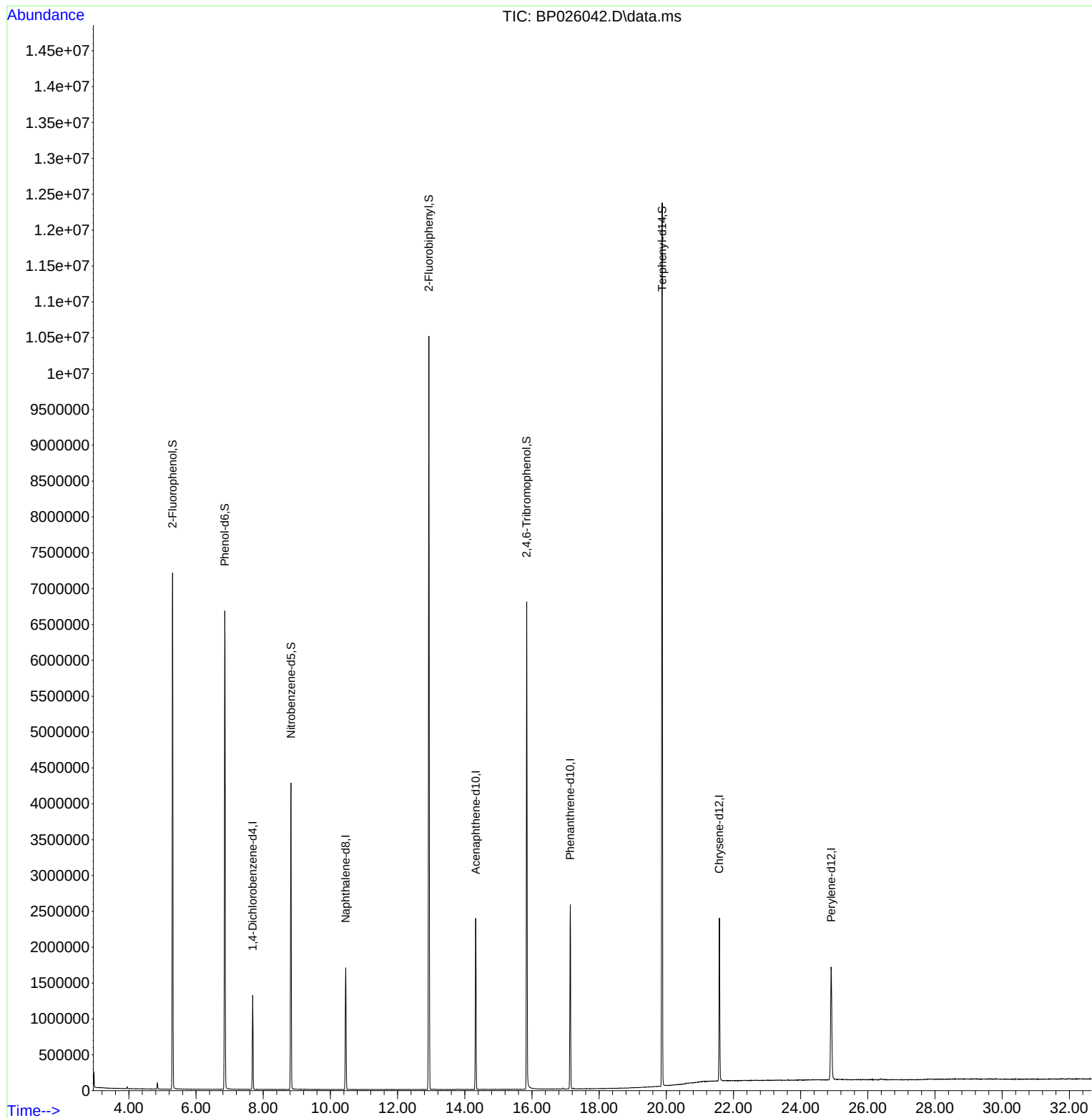
Target Compounds	Qvalue

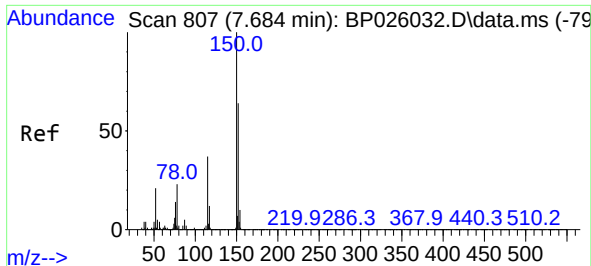
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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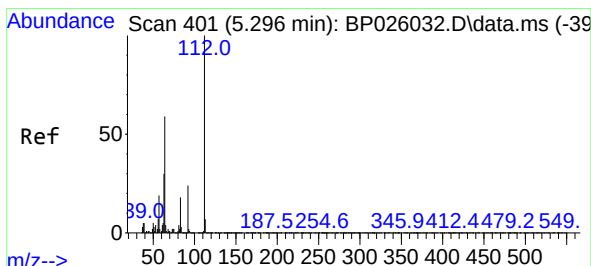
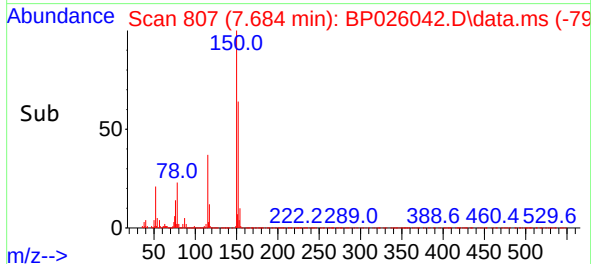
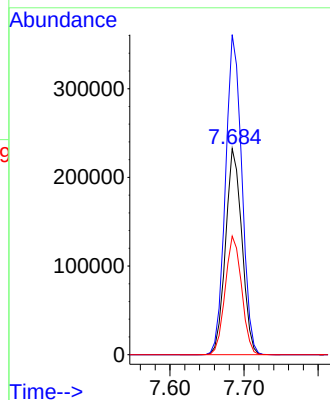
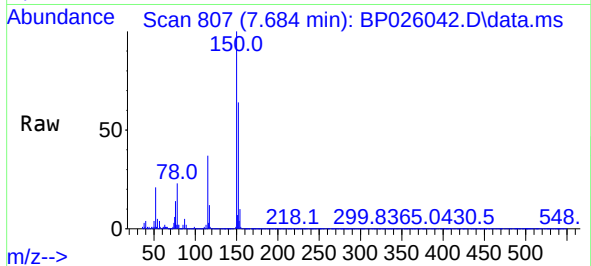




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

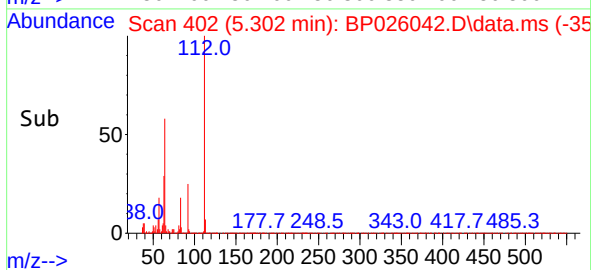
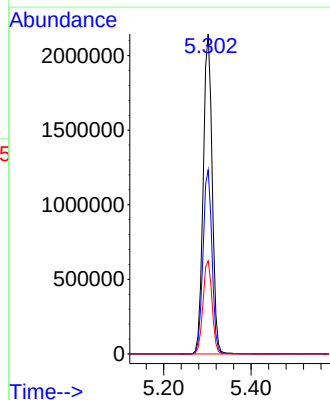
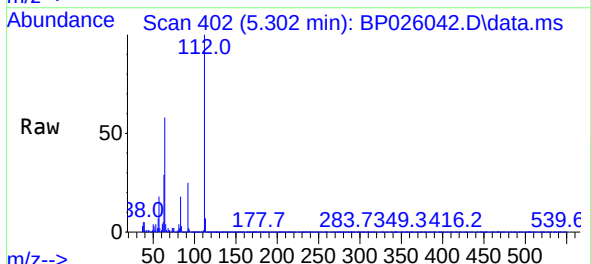
Instrument :
BNA_P
ClientSampleId :
PB170261TB

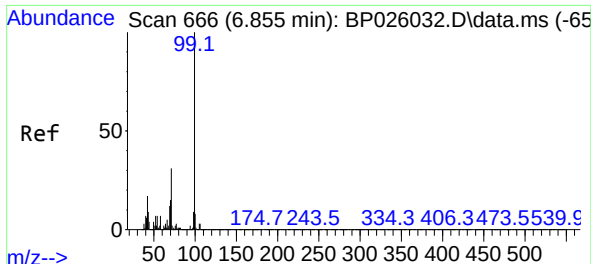
Tgt Ion:152 Resp: 355143
Ion Ratio Lower Upper
152 100
150 155.3 125.7 188.5
115 57.6 46.4 69.6



#5
2-Fluorophenol
Concen: 142.443 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:112 Resp: 3065746
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.2
63 29.1 24.2 36.4

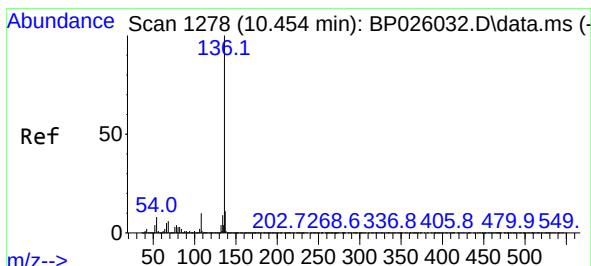
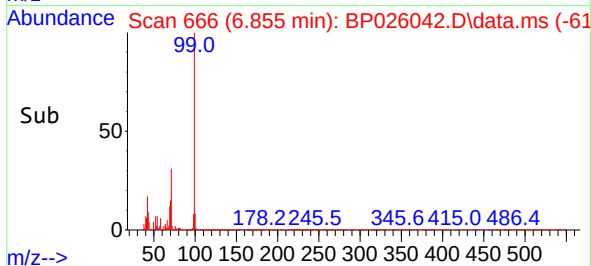
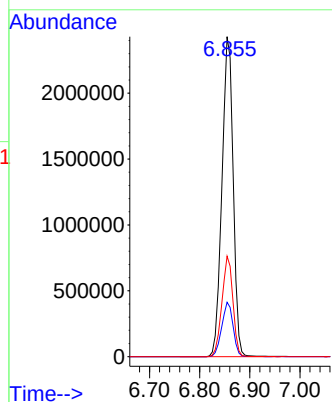
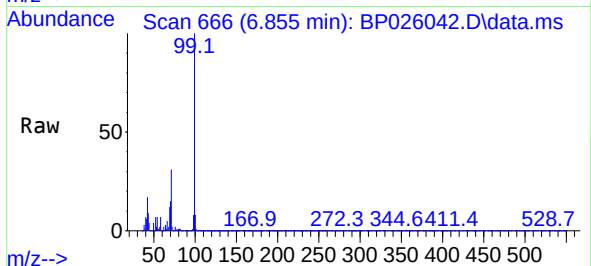




#7
Phenol-d6
Concen: 137.684 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

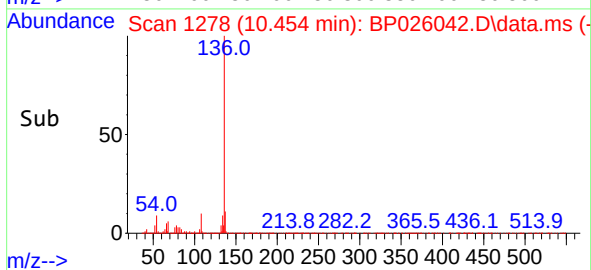
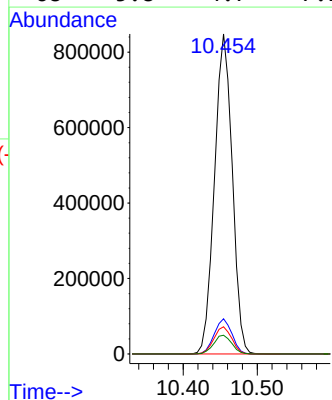
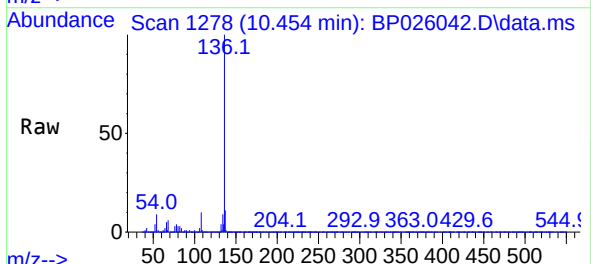
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ClientSampleId :
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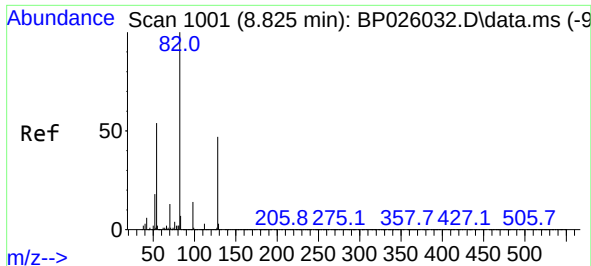
Tgt Ion: 99 Resp: 3771716
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 31.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:136 Resp: 1409306
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 6.6 10.0
68 5.8 4.7 7.1

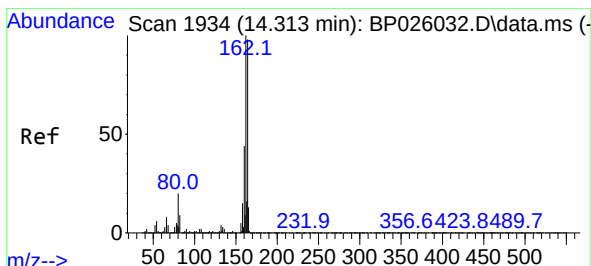
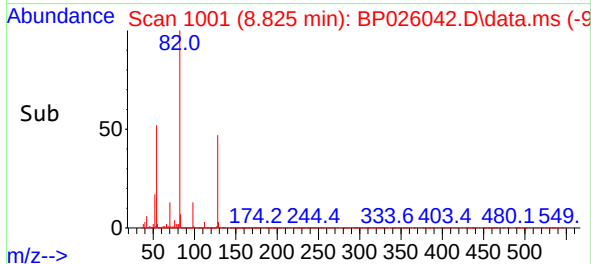
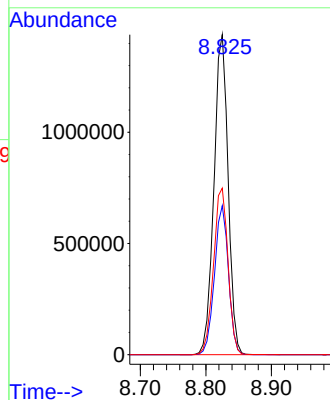
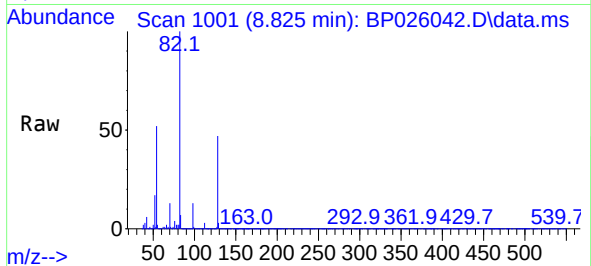




#23
Nitrobenzene-d5
Concen: 95.245 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

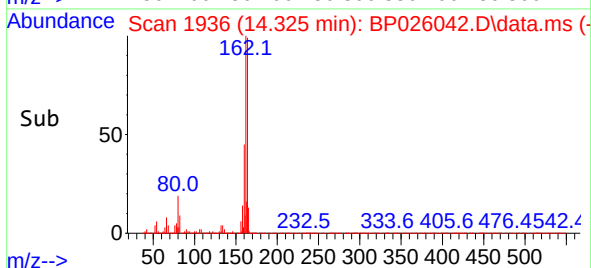
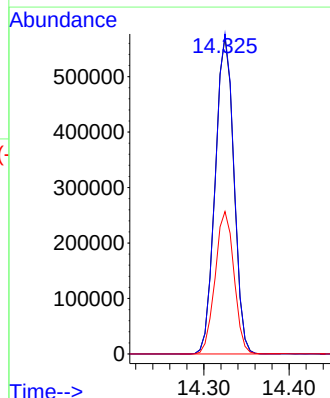
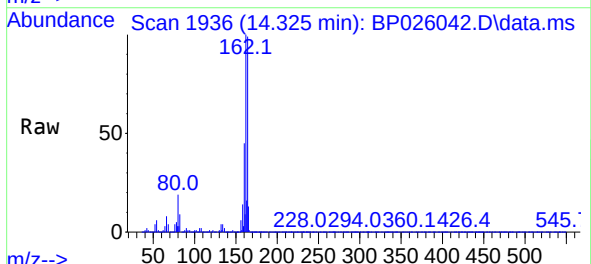
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ClientSampleId :
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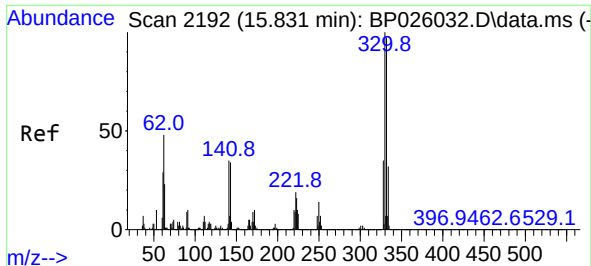
Tgt Ion: 82 Resp: 2153182
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.0
54 52.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:164 Resp: 870770
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 45.0 36.2 54.4

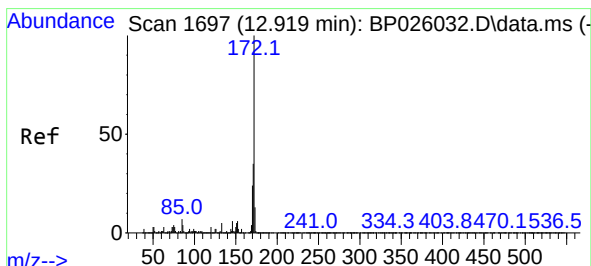
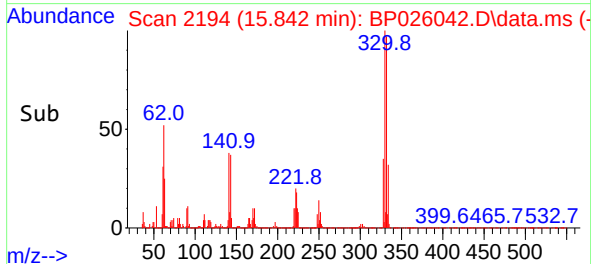
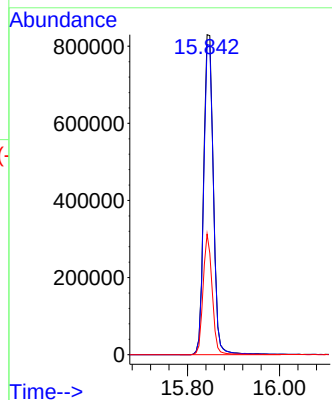
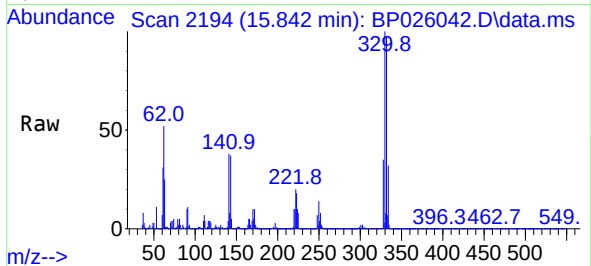




#42
2,4,6-Tribromophenol
Concen: 129.776 ng
RT: 15.842 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

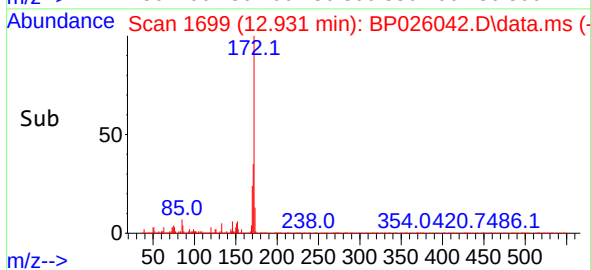
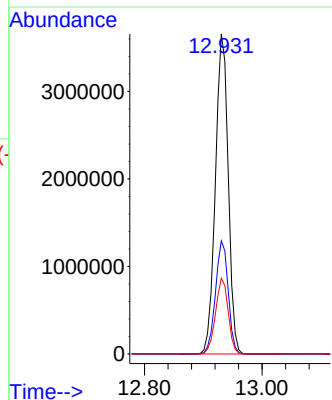
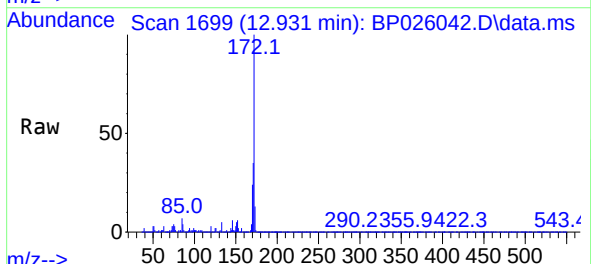
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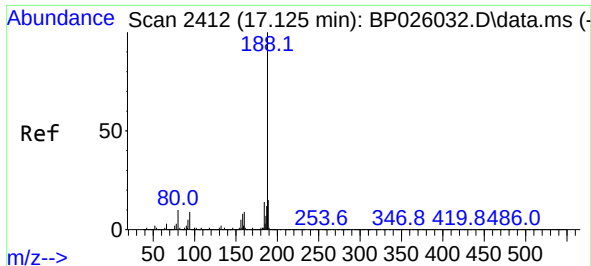
Tgt Ion:330 Resp: 1221699
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 35.3 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 91.142 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:172 Resp: 5523159
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 19.0 28.4

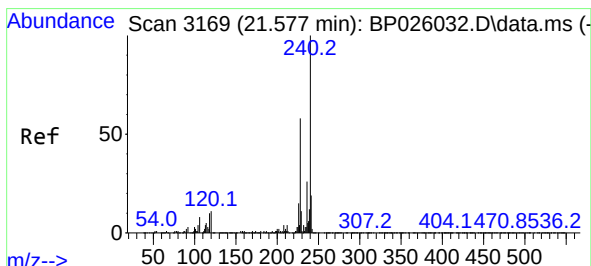
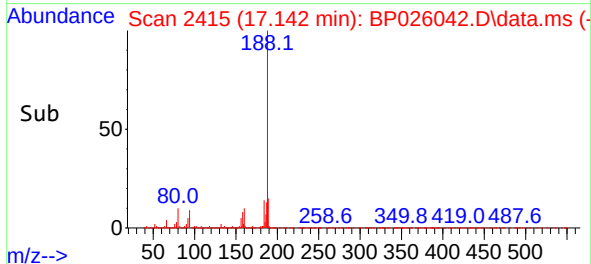
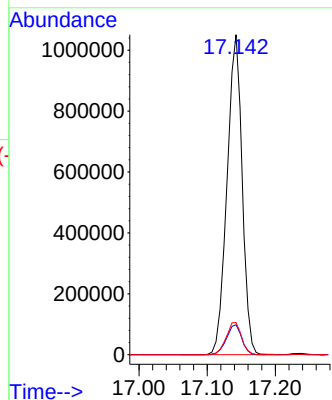
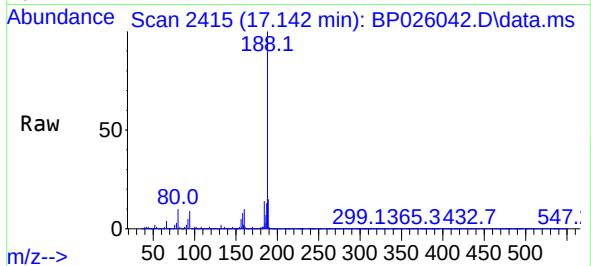




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.018 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

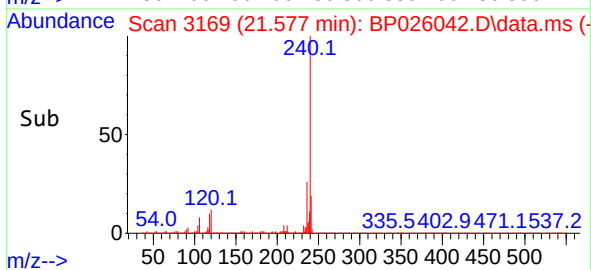
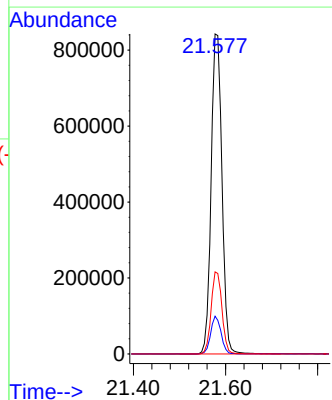
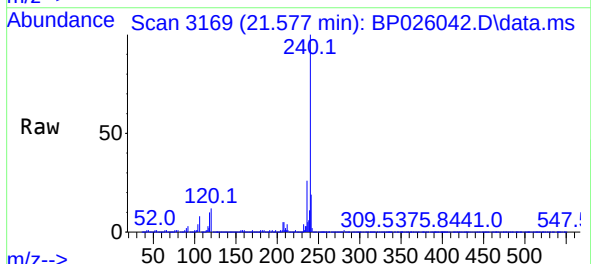
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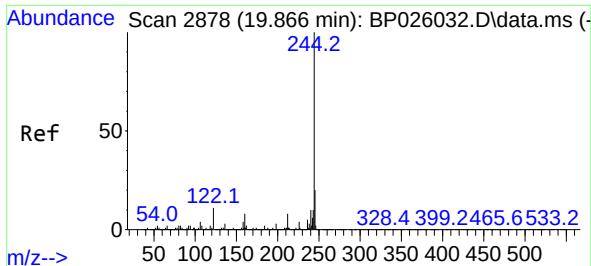
Tgt Ion:188 Resp: 1619254
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026042.D
Acq: 30 Oct 2025 13:17

Tgt Ion:240 Resp: 1377786
Ion Ratio Lower Upper
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120 11.8 8.9 13.3
236 25.7 20.6 31.0

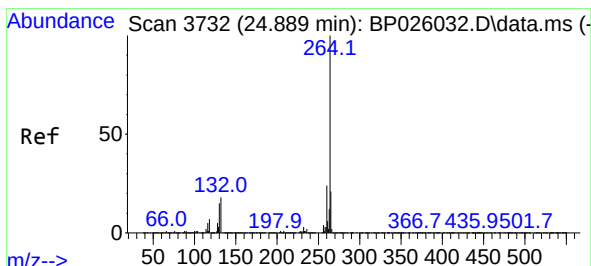
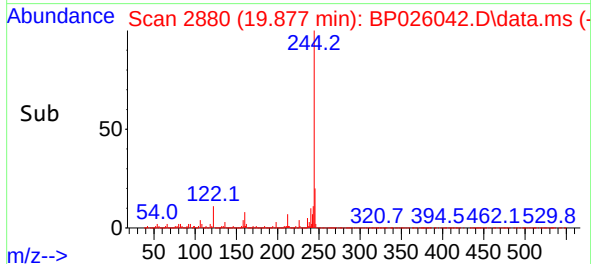
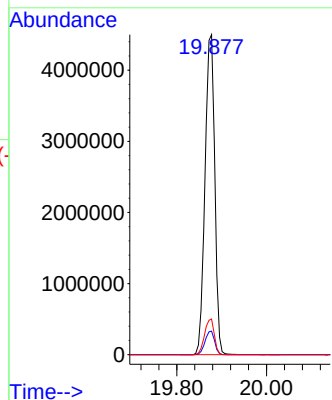
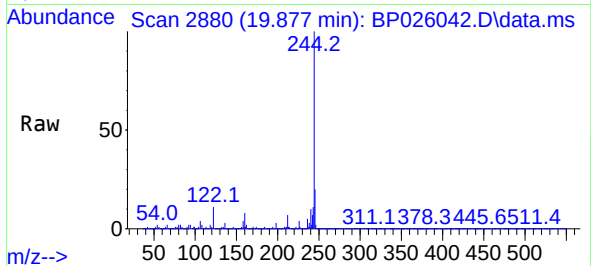




#79
 Terphenyl-d14
 Concen: 99.821 ng
 RT: 19.877 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP026042.D
 Acq: 30 Oct 2025 13:17

Instrument :
 BNA_P
 ClientSampleId :
 PB170261TB

Tgt Ion:244 Resp: 6769368
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.907 min Scan# 3735
 Delta R.T. 0.024 min
 Lab File: BP026042.D
 Acq: 30 Oct 2025 13:17

Tgt Ion:264 Resp: 1485582
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.0 17.2 25.8

