

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026156.D
 Acq On : 19 Nov 2025 12:16
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-2.5ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 19 12:36:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

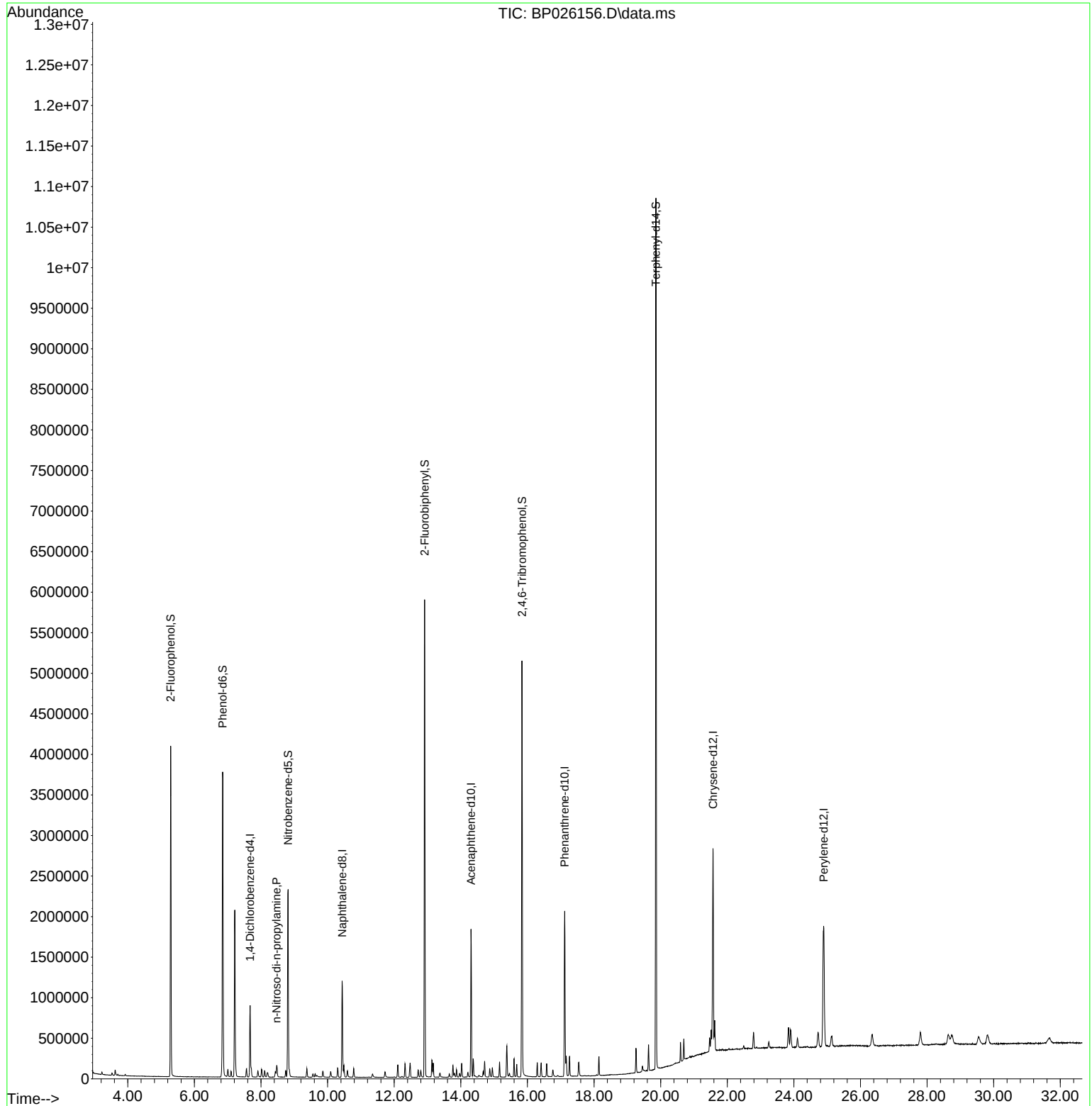
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	252106	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1024162	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	656275	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1372157	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	1553649	20.000	ng	0.00
86) Perylene-d12	24.895	264	1687016	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1854651	118.080	ng	0.00
7) Phenol-d6	6.849	99	2323156	116.182	ng	0.00
23) Nitrobenzene-d5	8.813	82	1322425	73.345	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1032289	121.253	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3304393	73.794	ng	-0.02
79) Terphenyl-d14	19.860	244	5405116	70.938	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.466	70	26158	2.106	ng	Qvalue 97

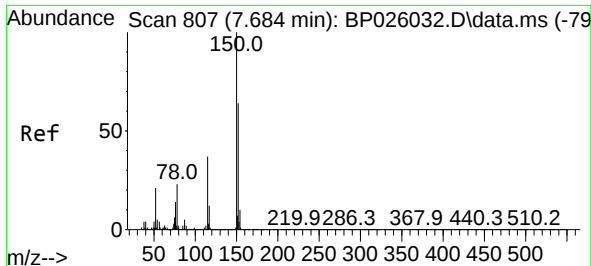
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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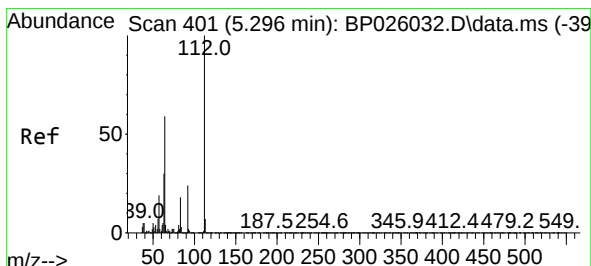
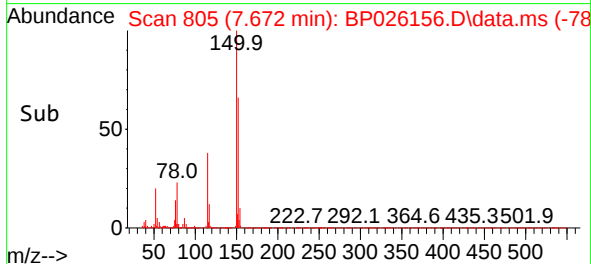
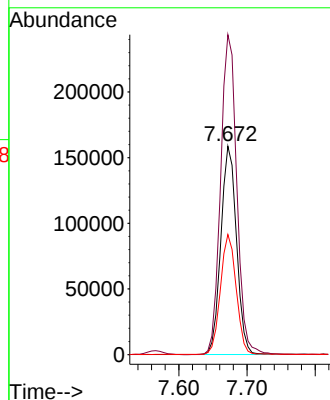
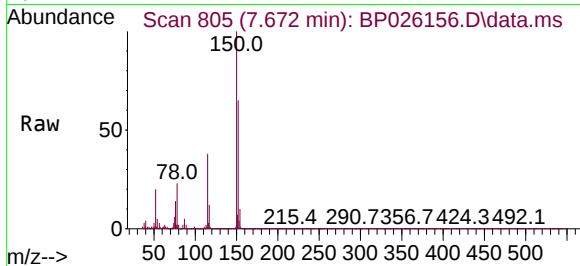




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

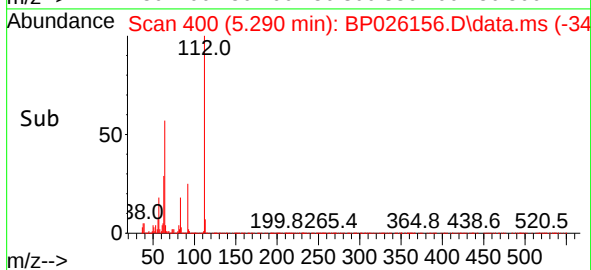
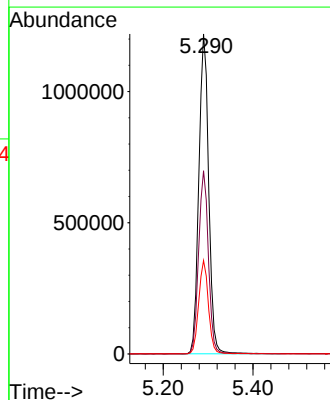
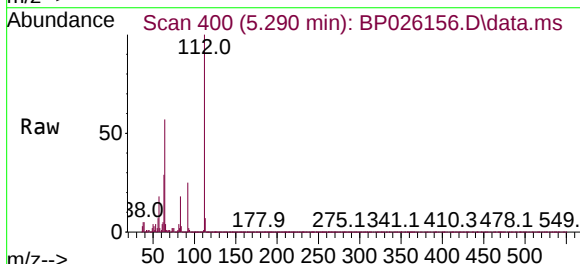
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

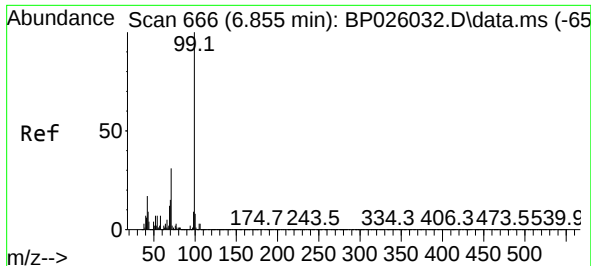
Tgt Ion:152 Resp: 252106
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 57.6 46.3 69.5



#5
2-Fluorophenol
Concen: 118.080 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.000 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

Tgt Ion:112 Resp: 1854651
Ion Ratio Lower Upper
112 100
64 57.3 45.8 68.6
63 29.2 23.5 35.3

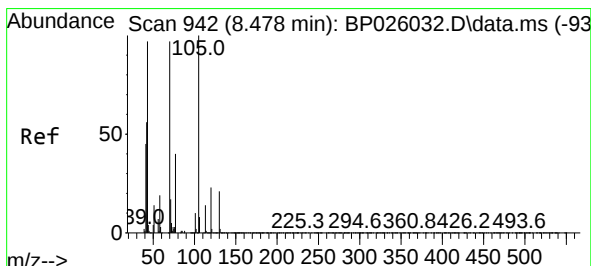
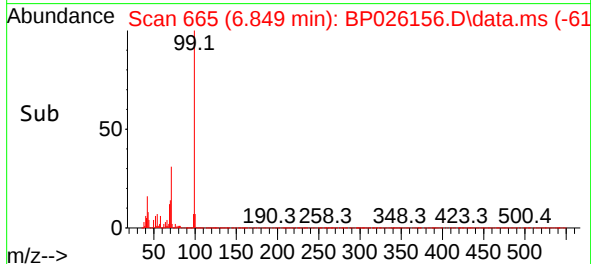
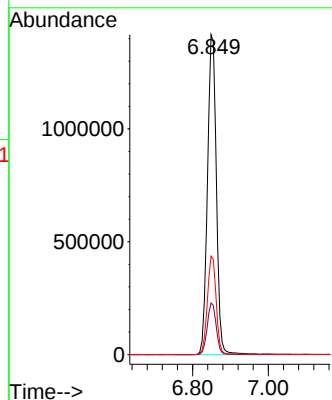
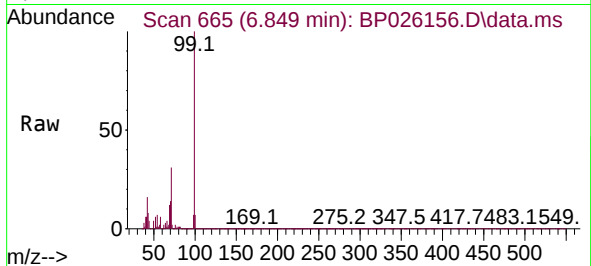




#7
Phenol-d6
Concen: 116.182 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

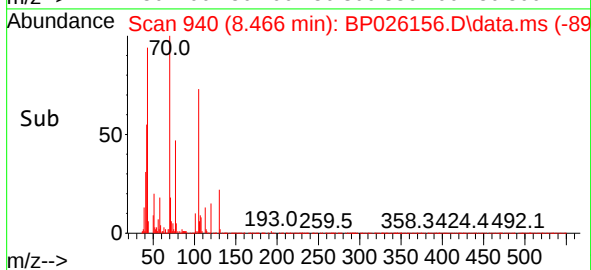
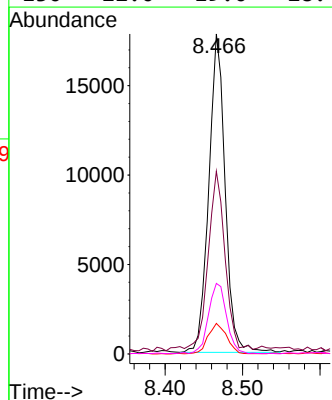
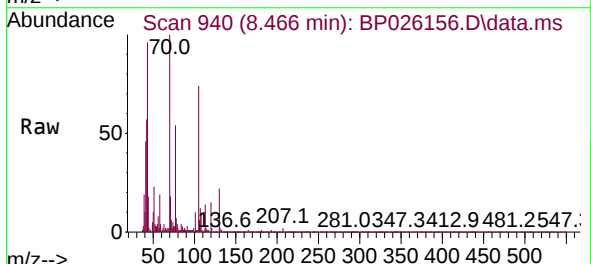
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

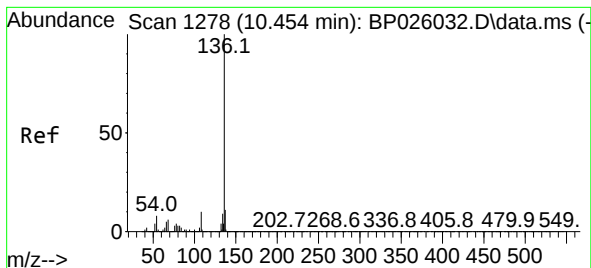
Tgt Ion: 99 Resp: 2323156
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 30.8 24.8 37.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.106 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

Tgt Ion: 70 Resp: 26158
Ion Ratio Lower Upper
70 100
42 57.1 44.1 66.1
101 9.5 8.2 12.4
130 22.0 19.0 28.4



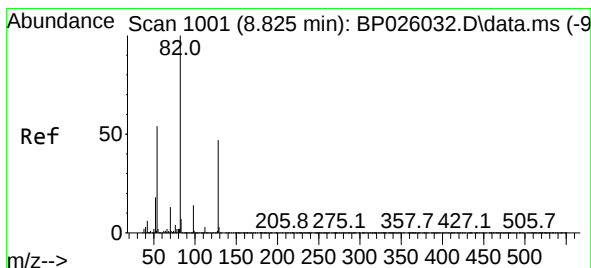
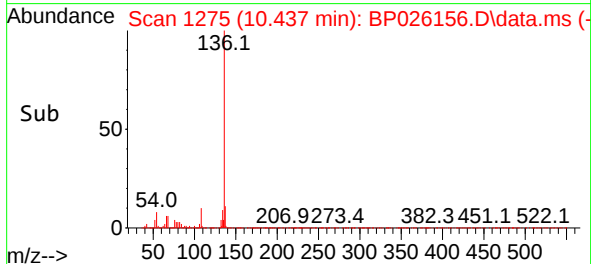
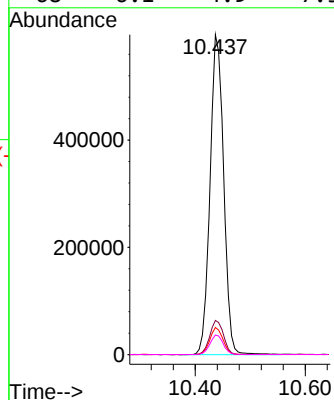
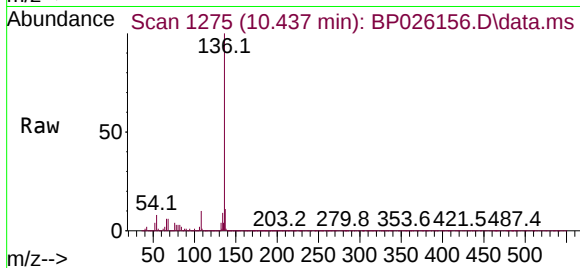


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:136 Resp: 1024162

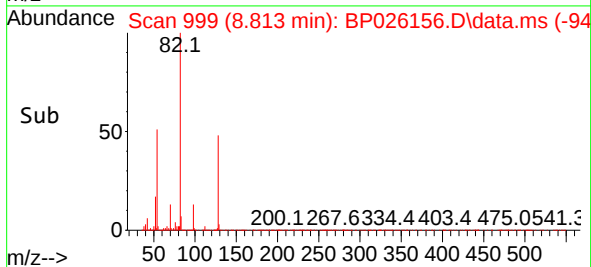
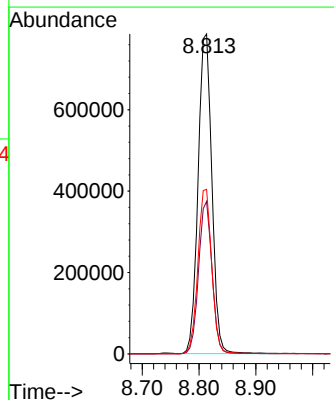
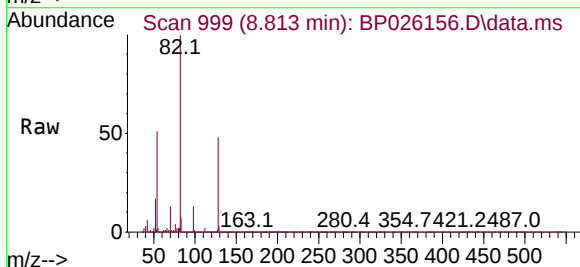
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.5	6.4	9.6
68	6.1	4.9	7.3

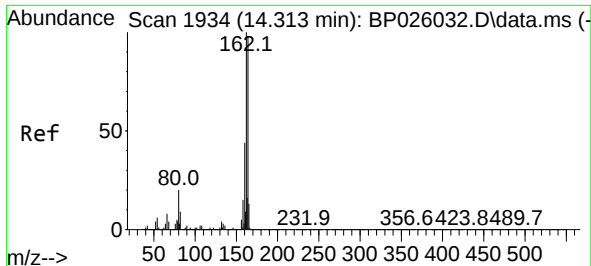


#23
Nitrobenzene-d5
Concen: 73.345 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

Tgt Ion: 82 Resp: 1322425

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.0
54	51.4	41.6	62.4

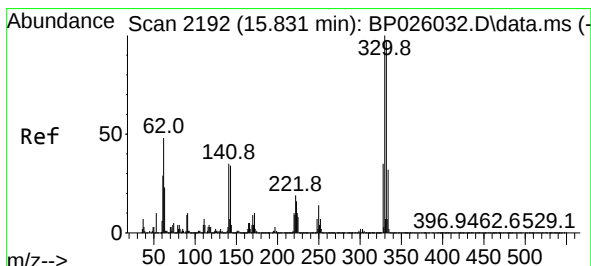
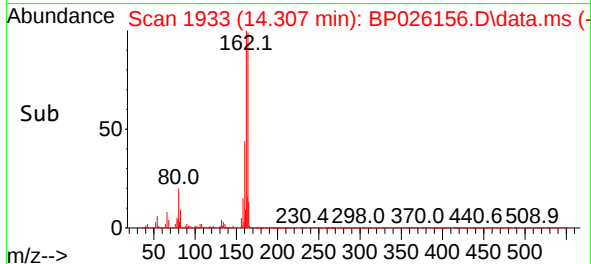
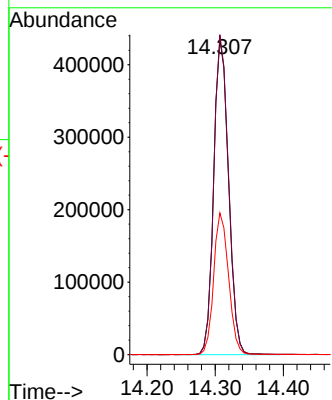
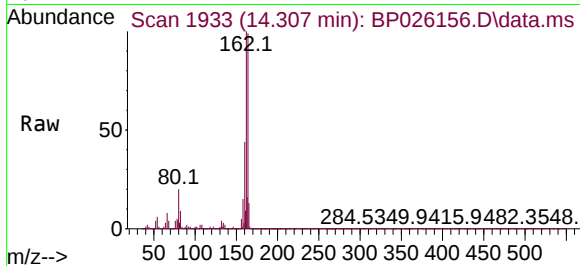




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

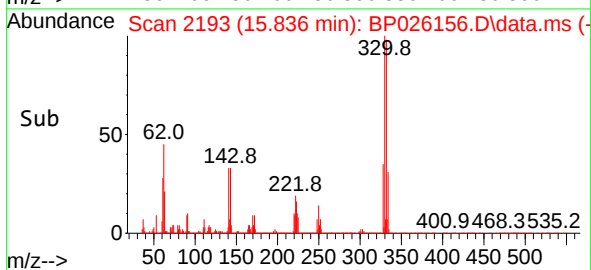
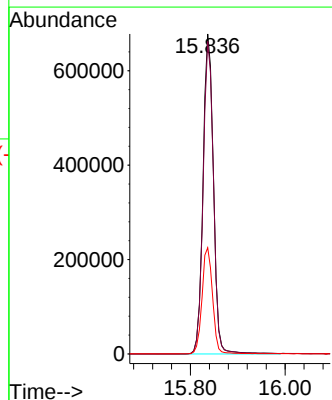
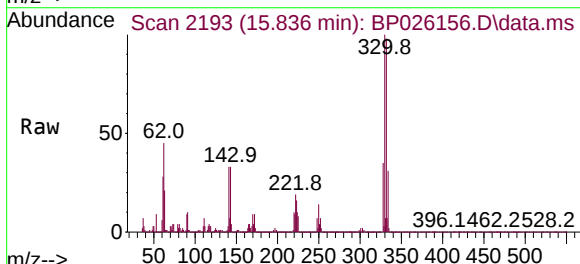
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

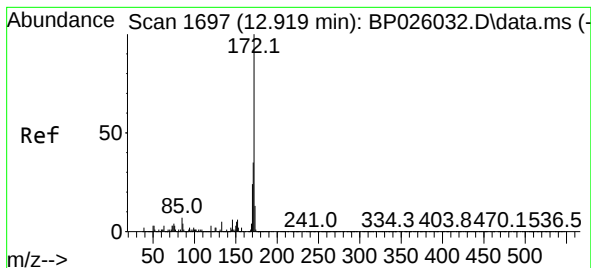
Tgt Ion:164 Resp: 656275
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 44.9 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 121.253 ng
RT: 15.836 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

Tgt Ion:330 Resp: 1032289
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 33.5 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 73.794 ng

RT: 12.913 min Scan# 1697

Delta R.T. -0.018 min

Lab File: BP026156.D

Acq: 19 Nov 2025 12:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

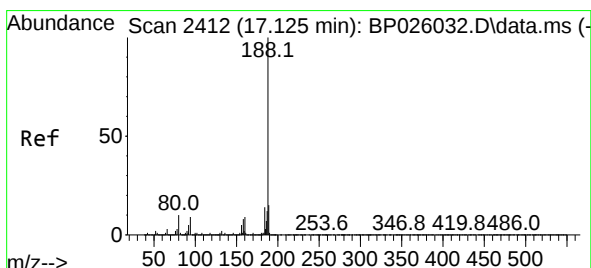
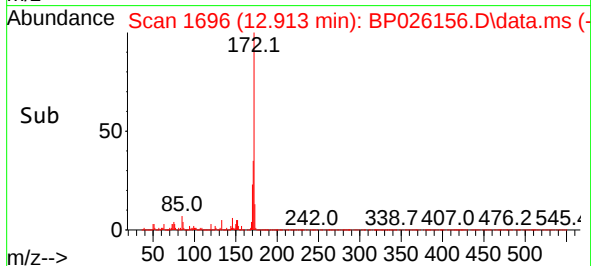
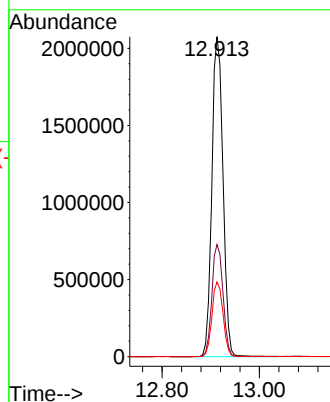
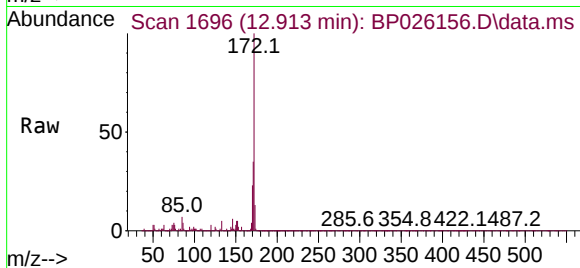
Tgt Ion:172 Resp: 3304393

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BP026156.D

Acq: 19 Nov 2025 12:16

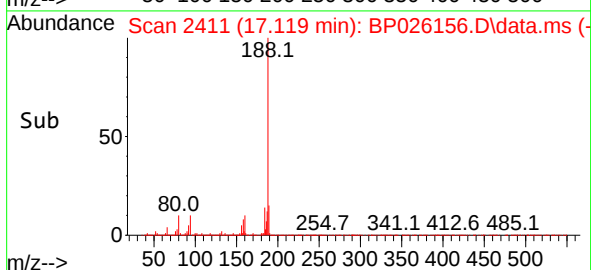
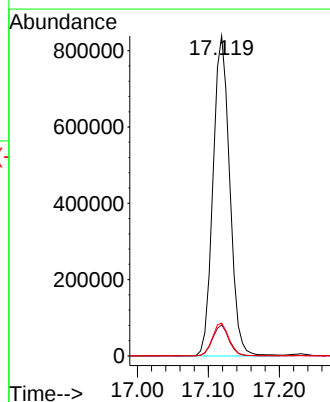
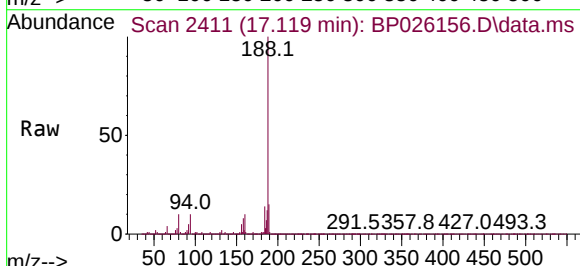
Tgt Ion:188 Resp: 1372157

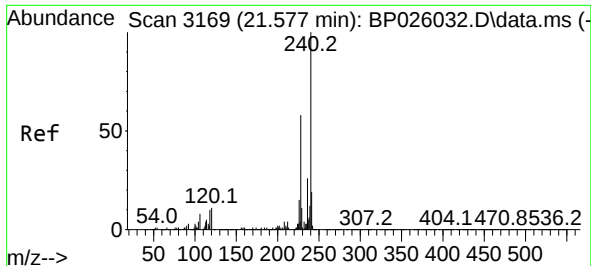
Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 10.3 8.2 12.2

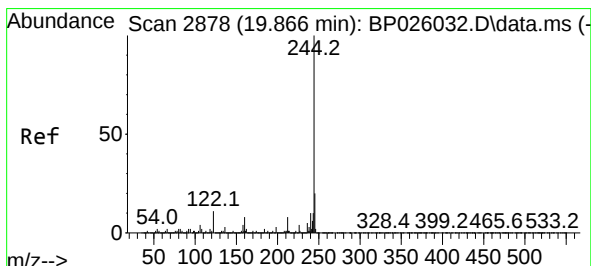
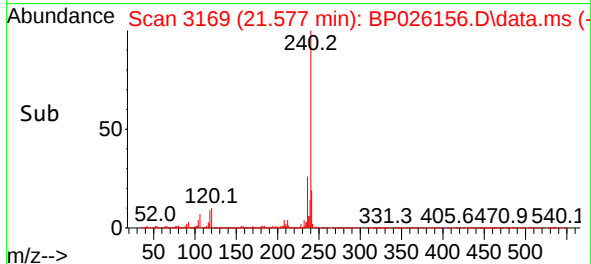
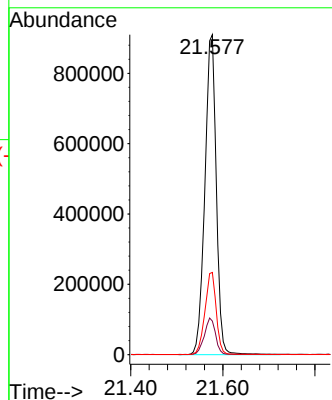
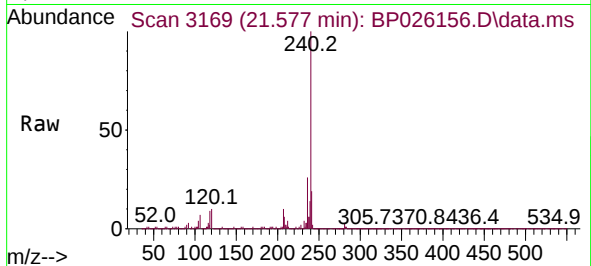




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

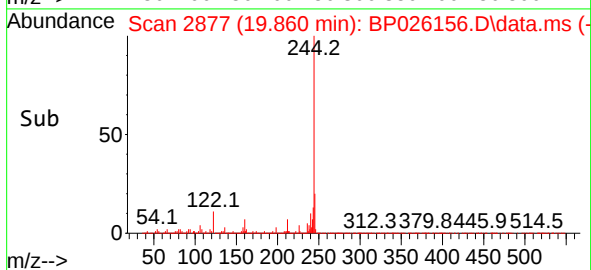
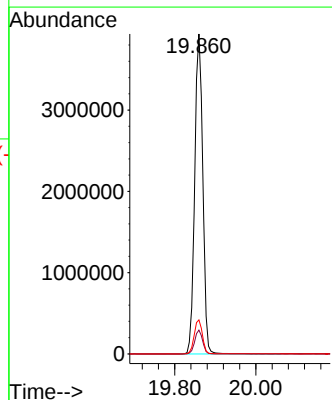
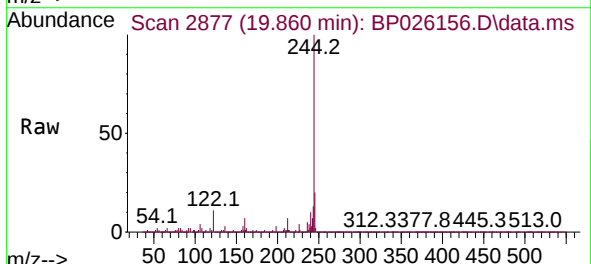
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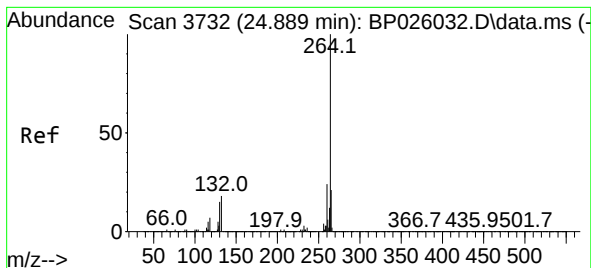
Tgt Ion:240 Resp: 1553649
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.7 20.4 30.6



#79
Terphenyl-d14
Concen: 70.938 ng
RT: 19.860 min Scan# 2877
Delta R.T. -0.012 min
Lab File: BP026156.D
Acq: 19 Nov 2025 12:16

Tgt Ion:244 Resp: 5405116
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.6 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026156.D

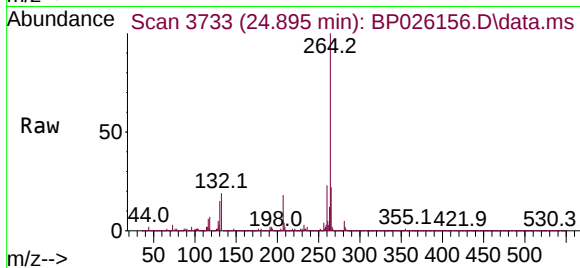
Acq: 19 Nov 2025 12:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:264 Resp: 1687016

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.6	17.5	26.3

264 100

260 23.4 18.7 28.1

265 21.6 17.5 26.3

