

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026268.D
 Acq On : 09 Dec 2025 19:42
 Operator : RC/JU
 Sample : Q3801-06DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL#2DL

Quant Time: Dec 09 23:57:15 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)

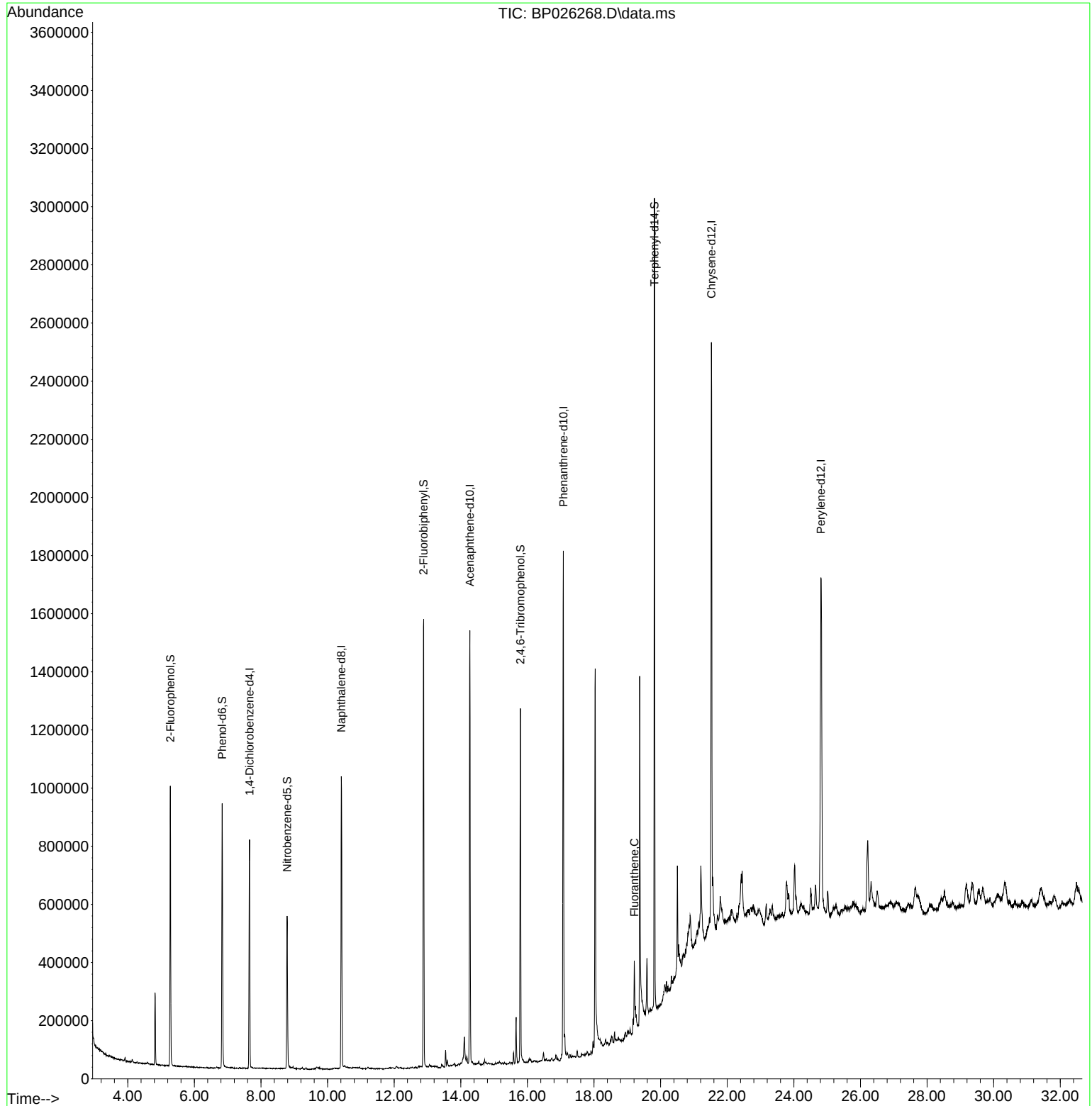
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	218478	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	884614	20.000	ng	0.00
39) Acenaphthene-d10	14.272	164	562441	20.000	ng	-0.02
64) Phenanthrene-d10	17.078	188	1120549	20.000	ng	-0.02
76) Chrysene-d12	21.525	240	1198067	20.000	ng	-0.01
86) Perylene-d12	24.813	264	1373245	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	452037	33.263	ng	0.00
7) Phenol-d6	6.837	99	567122	33.061	ng	0.00
23) Nitrobenzene-d5	8.784	82	325742	20.960	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	249501	34.111	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	845760	21.862	ng	-0.02
79) Terphenyl-d14	19.813	244	1314792	22.431	ng	-0.02
Target Compounds						
75) Fluoranthene	19.207	202	159254	2.071	ng	Qvalue 98

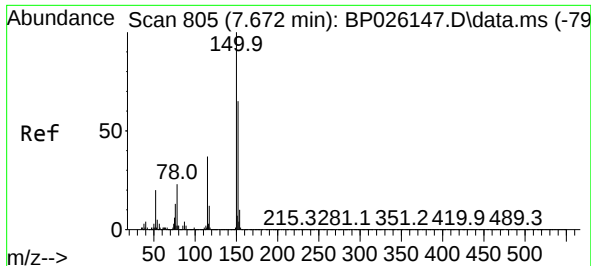
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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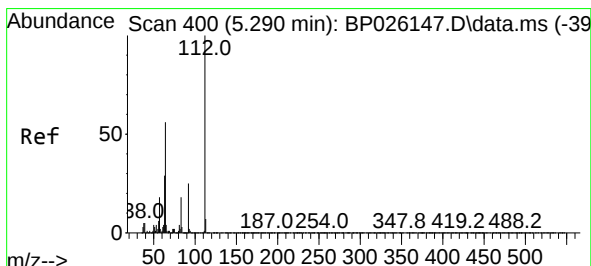
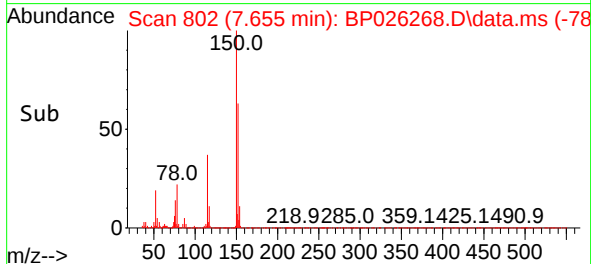
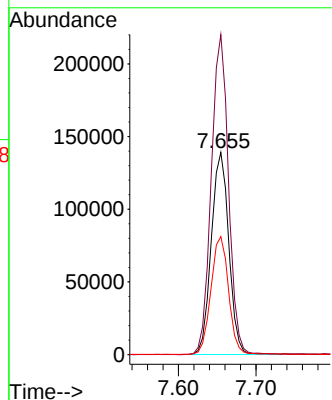
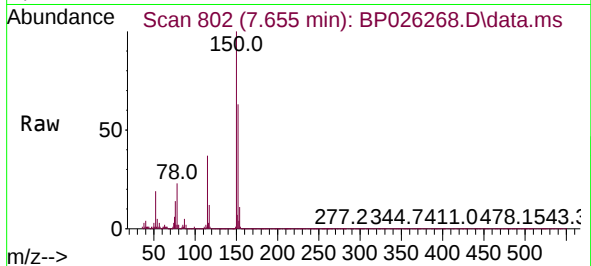




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

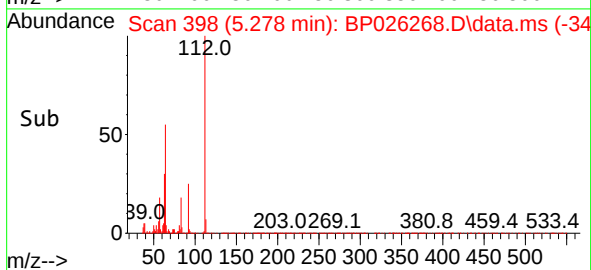
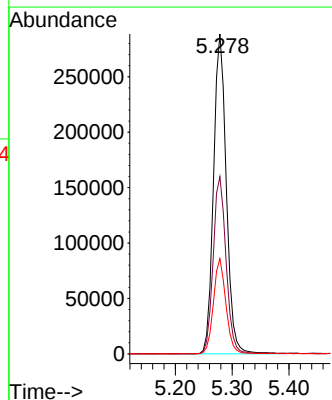
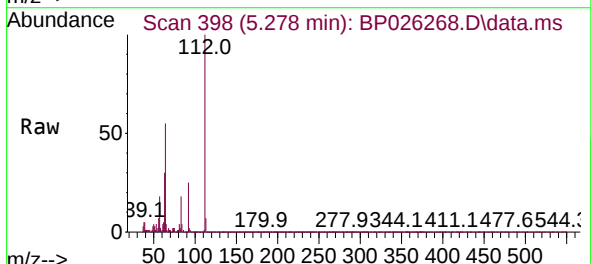
Instrument :
BNA_P
ClientSampleId :
SOIL#2DL

Tgt Ion:152 Resp: 218478
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.6
115 58.4 46.3 69.5



#5
2-Fluorophenol
Concen: 33.263 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

Tgt Ion:112 Resp: 452037
Ion Ratio Lower Upper
112 100
64 55.4 45.8 68.6
63 29.8 23.5 35.3

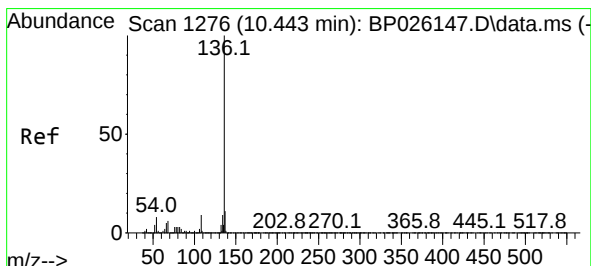
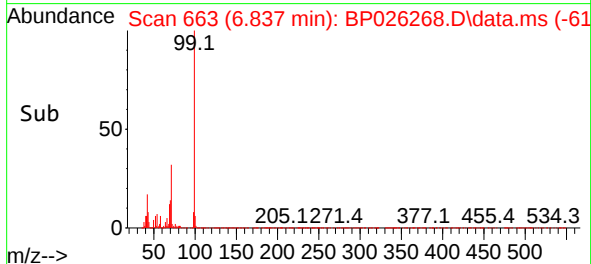
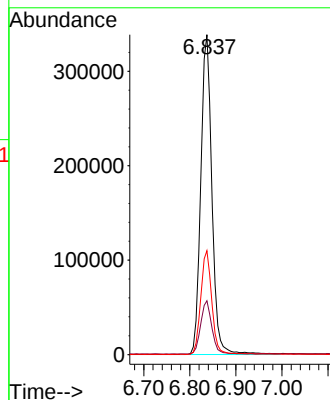
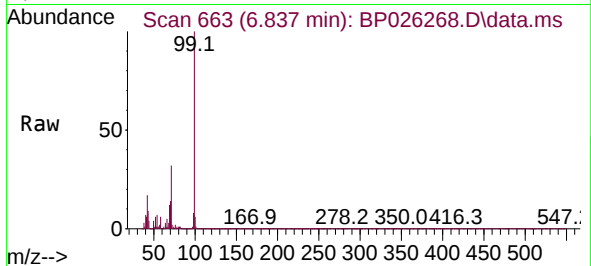




#7
Phenol-d6
Concen: 33.061 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

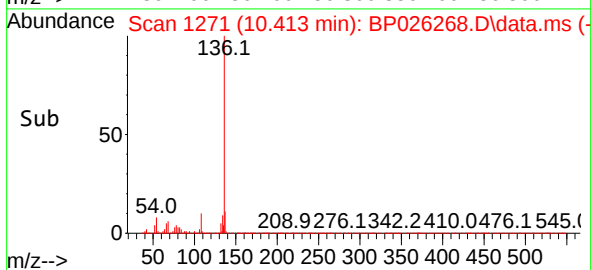
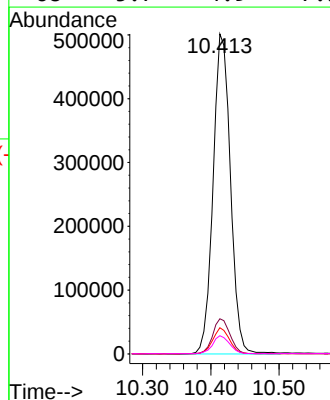
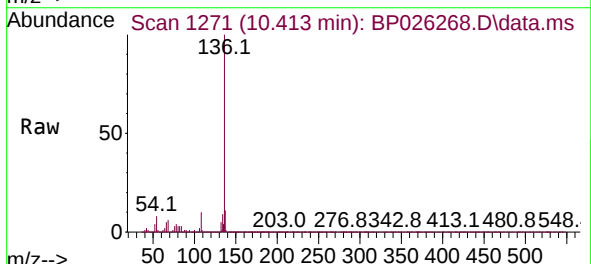
Instrument :
BNA_P
ClientSampleId :
SOIL#2DL

Tgt Ion: 99 Resp: 567122
Ion Ratio Lower Upper
99 100
42 16.8 12.9 19.3
71 32.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

Tgt Ion: 136 Resp: 884614
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 6.4 9.6
68 5.7 4.9 7.3

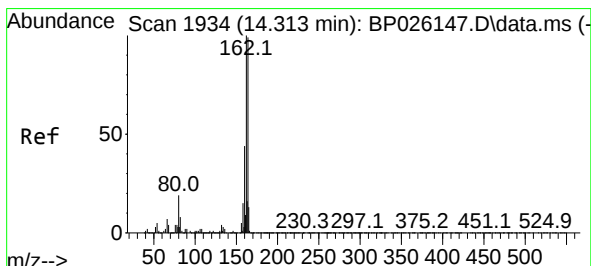
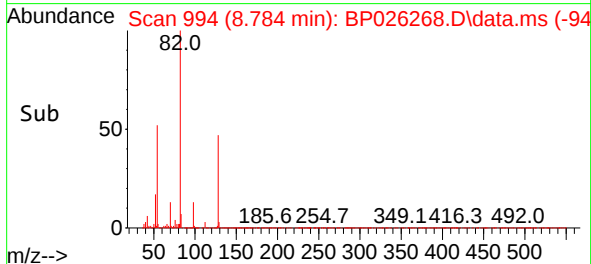
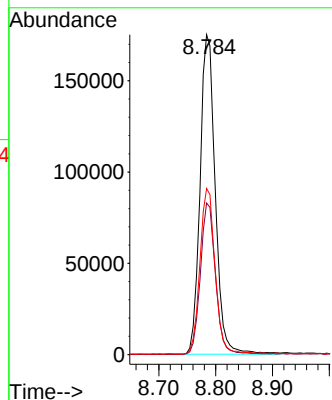
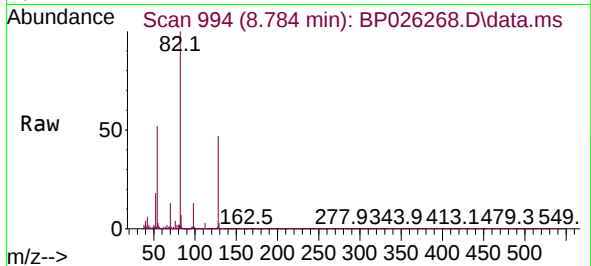




#23
Nitrobenzene-d5
Concen: 20.960 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

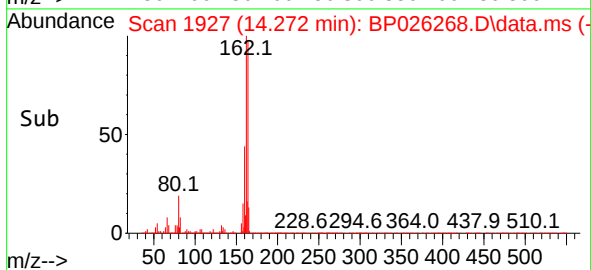
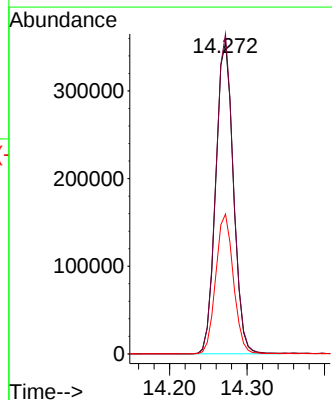
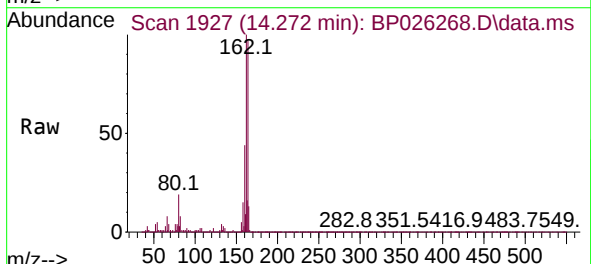
Instrument :
BNA_P
ClientSampleId :
SOIL#2DL

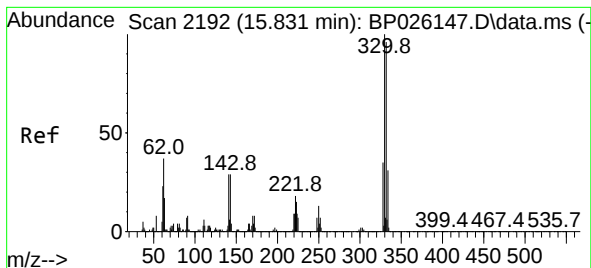
Tgt Ion: 82 Resp: 325742
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 51.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

Tgt Ion:164 Resp: 562441
Ion Ratio Lower Upper
164 100
162 102.7 80.3 120.5
160 44.8 35.2 52.8

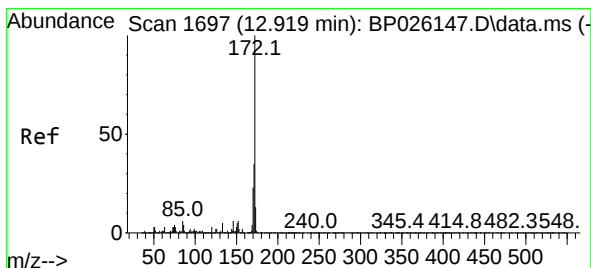
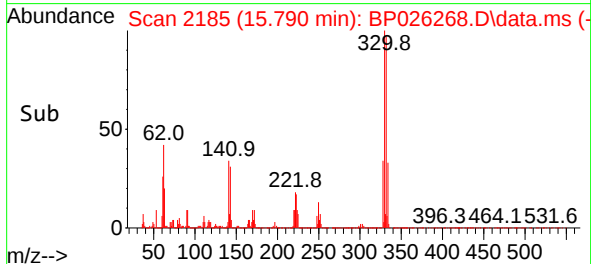
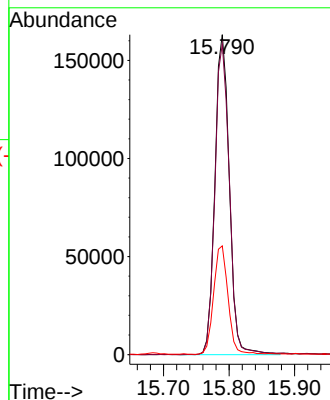
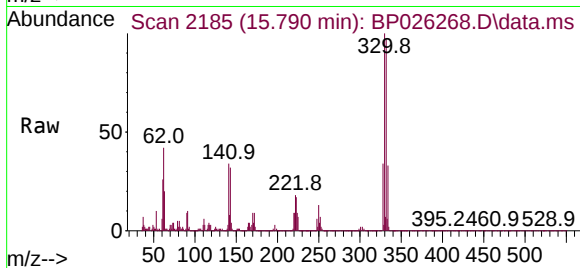




#42
2,4,6-Tribromophenol
Concen: 34.111 ng
RT: 15.790 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

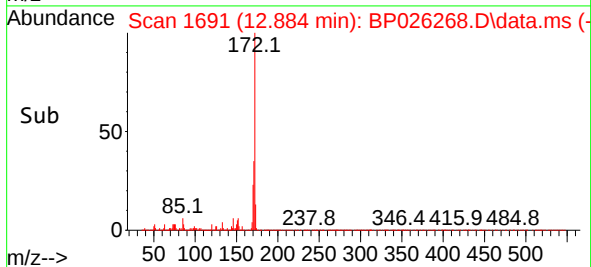
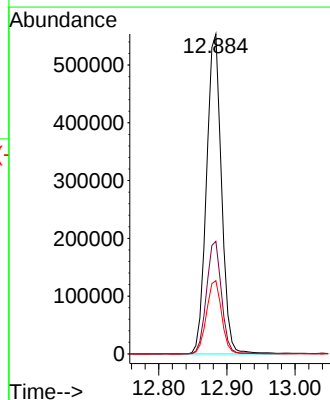
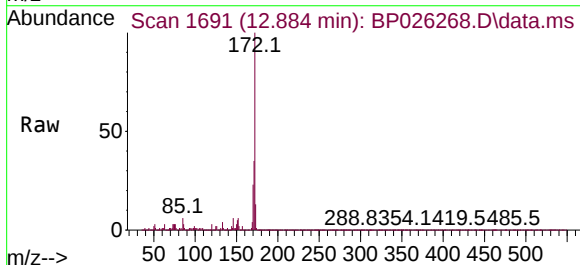
Instrument :
BNA_P
ClientSampleId :
SOIL#2DL

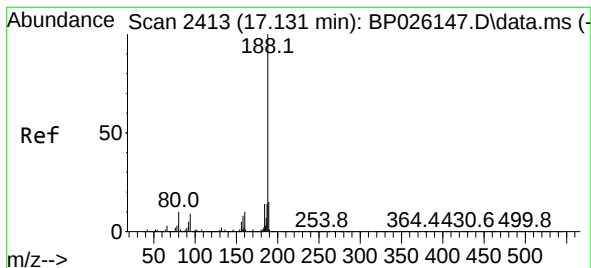
Tgt Ion:330 Resp: 249501
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 34.0 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 21.862 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

Tgt Ion:172 Resp: 845760
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.078 min Scan# 2413

Delta R.T. -0.018 min

Lab File: BP026268.D

Acq: 09 Dec 2025 19:42

Instrument :

BNA_P

ClientSampleId :

SOIL#2DL

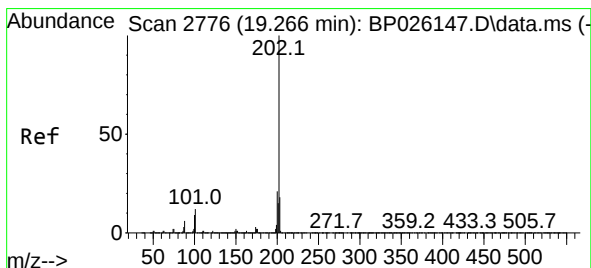
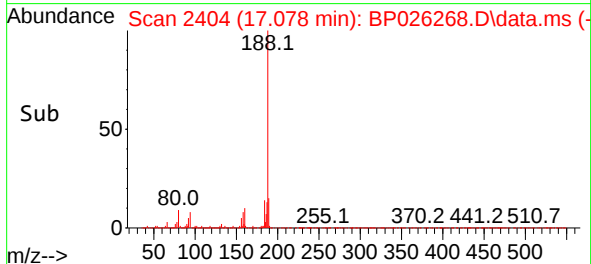
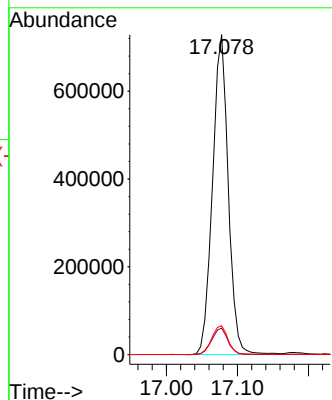
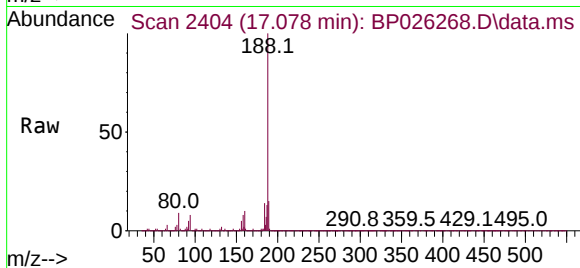
Tgt Ion:188 Resp: 1120549

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

80 9.0 8.2 12.2



#75

Fluoranthene

Concen: 2.071 ng

RT: 19.207 min Scan# 2766

Delta R.T. -0.029 min

Lab File: BP026268.D

Acq: 09 Dec 2025 19:42

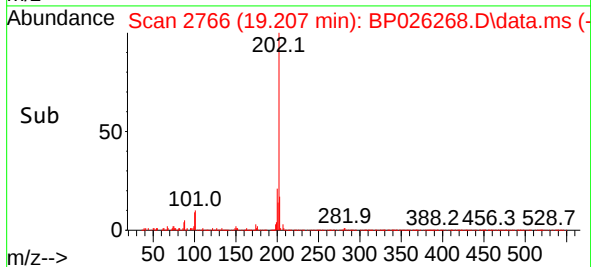
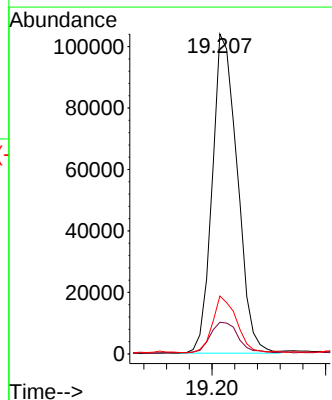
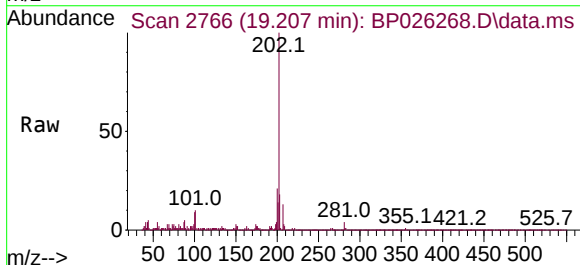
Tgt Ion:202 Resp: 159254

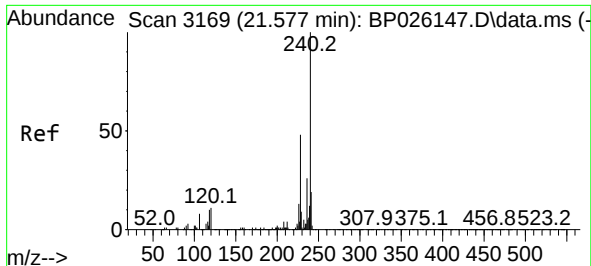
Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.2

203 18.1 0.0 37.7

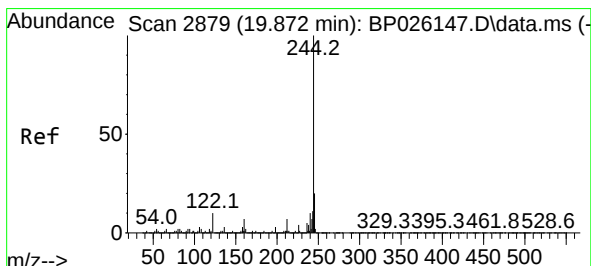
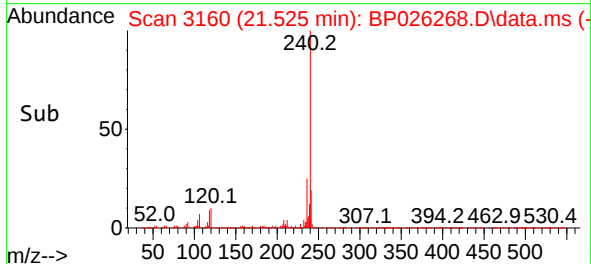
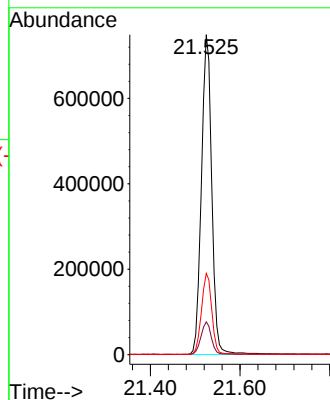
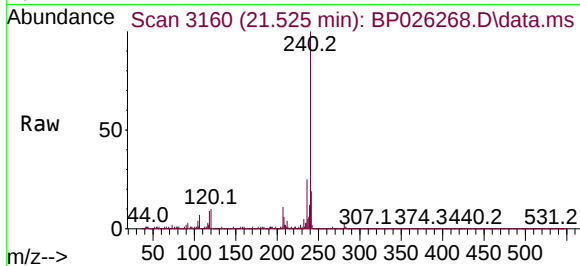




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.525 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

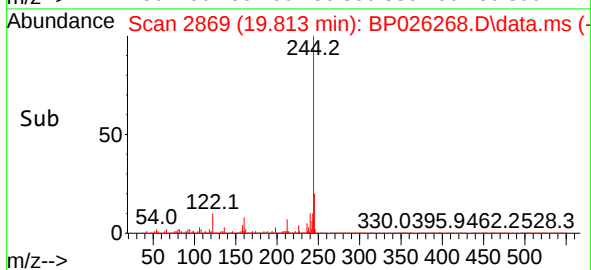
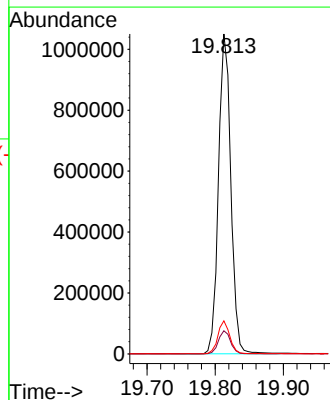
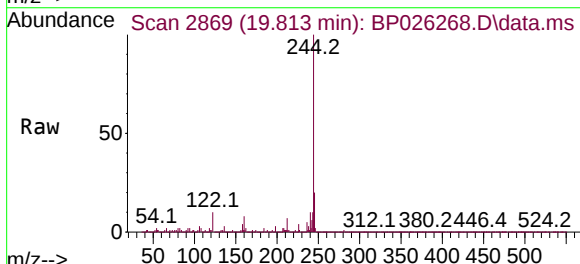
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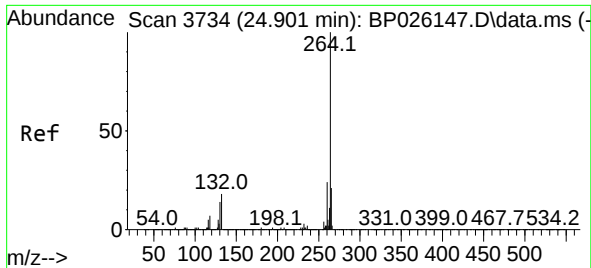
Tgt Ion:240 Resp: 1198067
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.4 20.4 30.6



#79
Terphenyl-d14
Concen: 22.431 ng
RT: 19.813 min Scan# 2869
Delta R.T. -0.024 min
Lab File: BP026268.D
Acq: 09 Dec 2025 19:42

Tgt Ion:244 Resp: 1314792
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.3 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.813 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP026268.D
 Acq: 09 Dec 2025 19:42

Instrument :
 BNA_P
 ClientSampleId :
 SOIL#2DL

Tgt Ion:264 Resp: 1373245
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.8 17.5 26.3

