

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025494.D
 Acq On : 20 Aug 2025 04:32
 Operator : CG/JU
 Sample : Q2871-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-5 COMP

Quant Time: Aug 20 05:00:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	150769	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	605130	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	413648	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	871139	20.000	ng	0.00
76) Chrysene-d12	21.642	240	951804	20.000	ng	0.00
86) Perylene-d12	25.012	264	1040548	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	706135	77.780	ng	0.00
7) Phenol-d6	6.966	99	897503	77.108	ng	0.00
23) Nitrobenzene-d5	8.925	82	574465	48.022	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	441020	79.210	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1313186	43.387	ng	0.00
79) Terphenyl-d14	19.919	244	2217204	42.619	ng	0.00

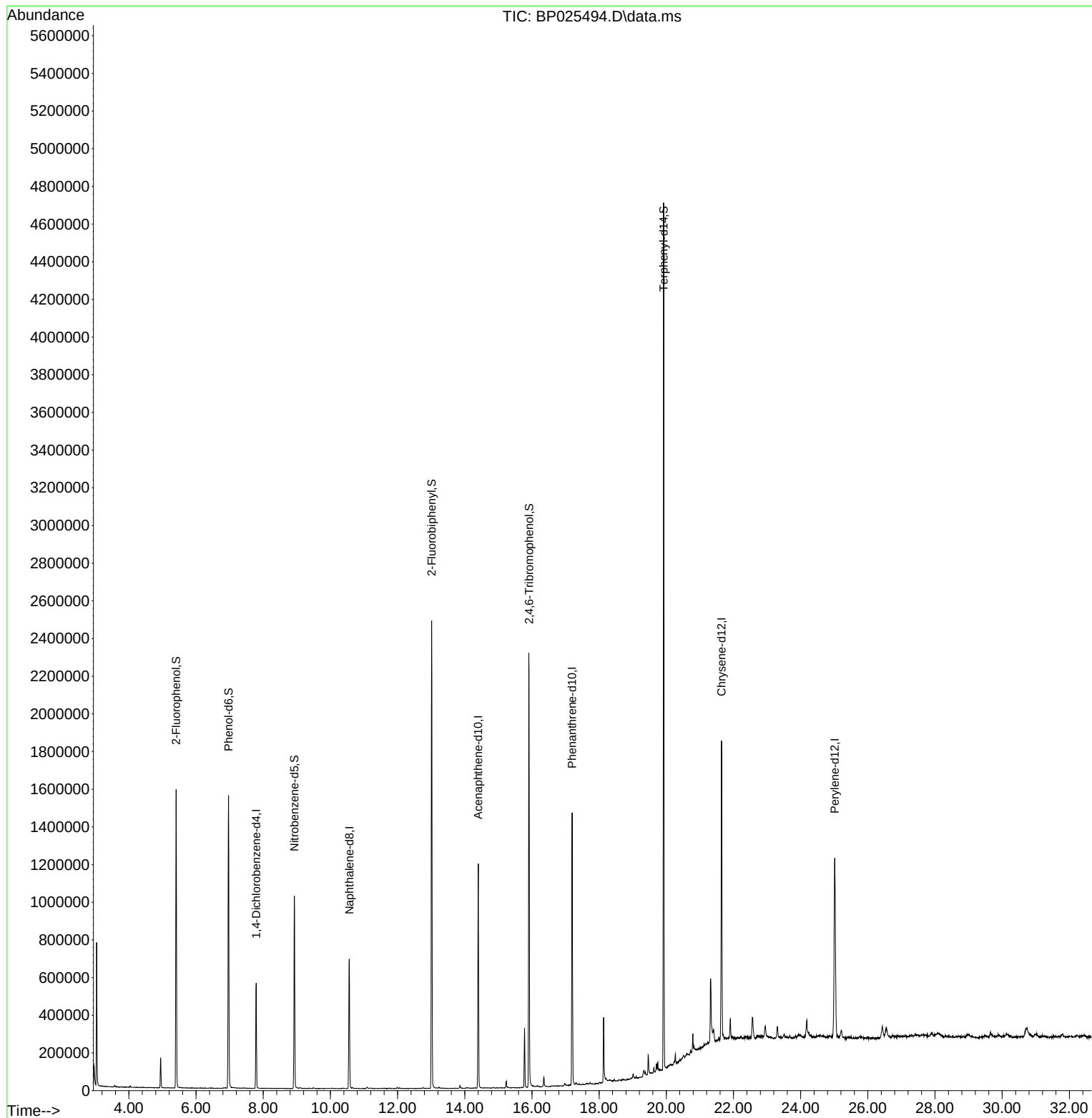
Target Compounds	Qvalue

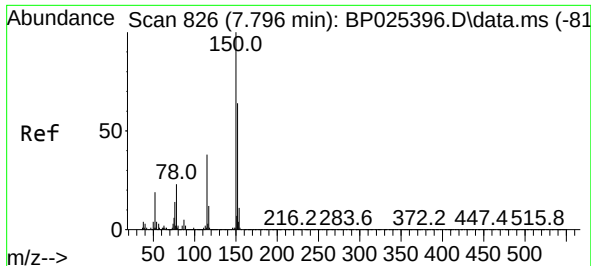
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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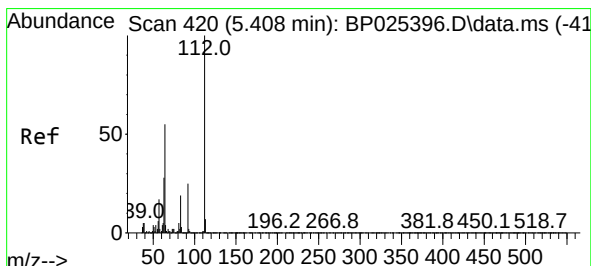
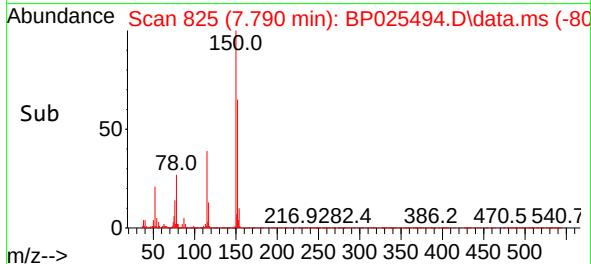
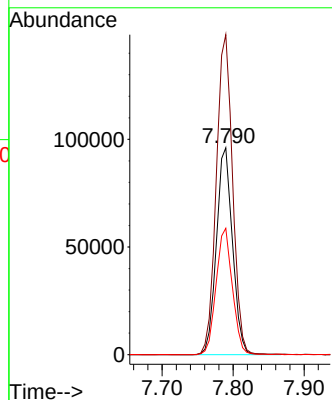
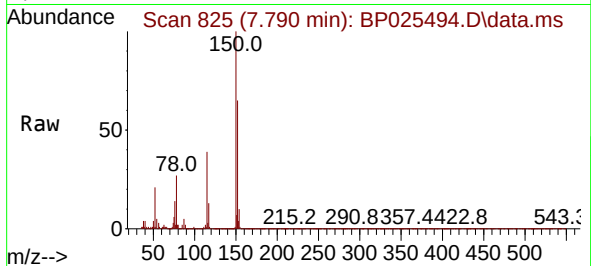




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025494.D
 Acq: 20 Aug 2025 04:32

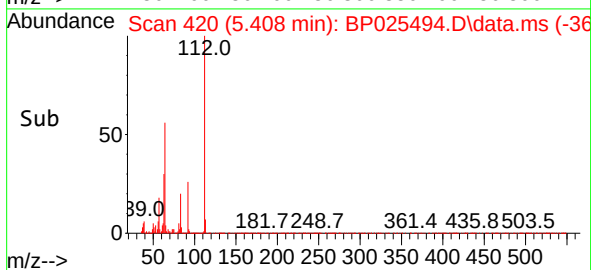
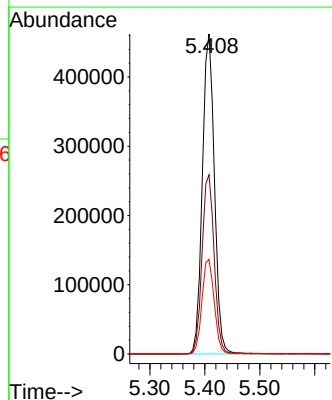
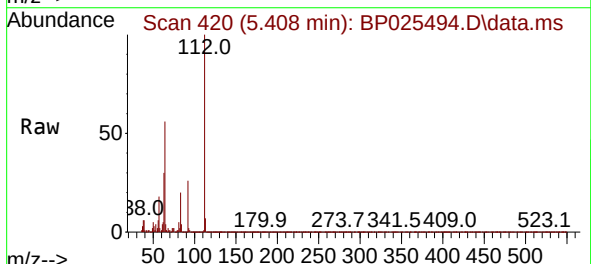
Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-5 COMP

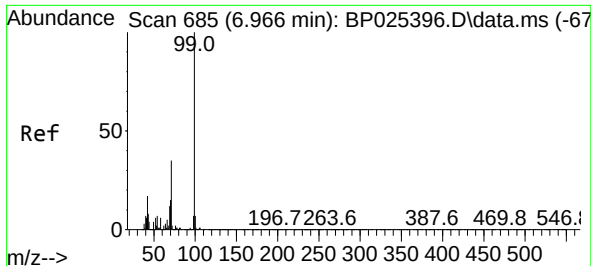
Tgt Ion:152 Resp: 150769
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.9 188.9
 115 61.1 48.5 72.7



#5
 2-Fluorophenol
 Concen: 77.780 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025494.D
 Acq: 20 Aug 2025 04:32

Tgt Ion:112 Resp: 706135
 Ion Ratio Lower Upper
 112 100
 64 56.0 43.8 65.8
 63 29.6 22.7 34.1

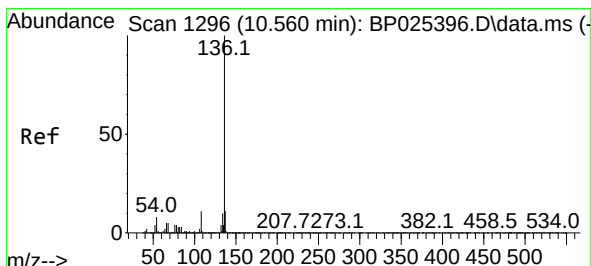
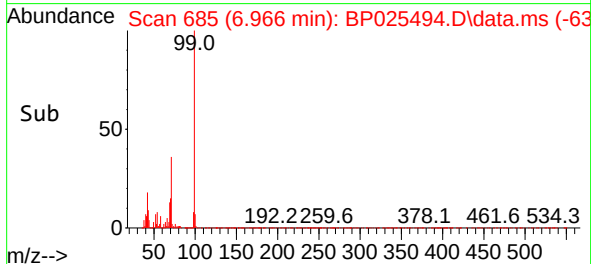
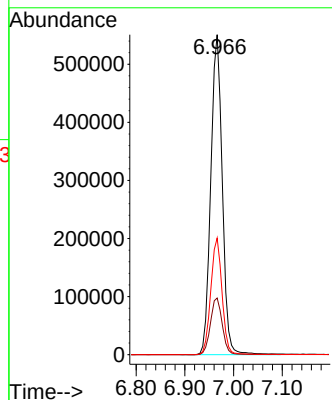
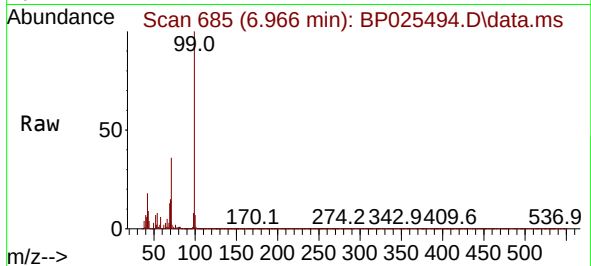




#7
Phenol-d6
Concen: 77.108 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025494.D
Acq: 20 Aug 2025 04:32

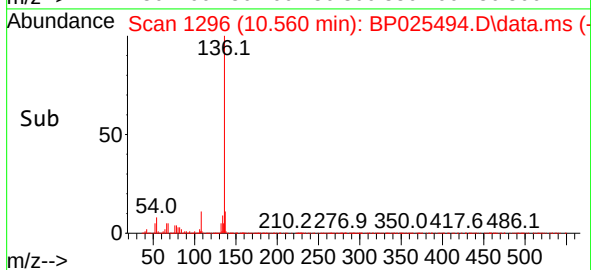
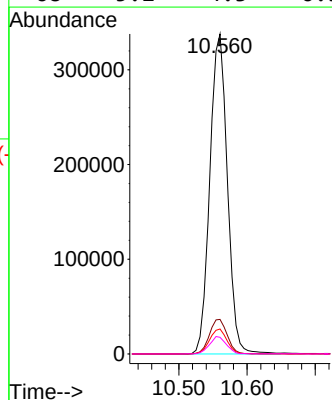
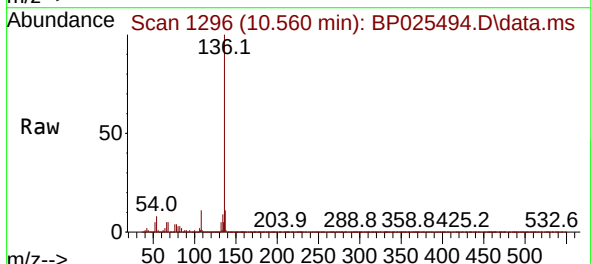
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-5 COMP

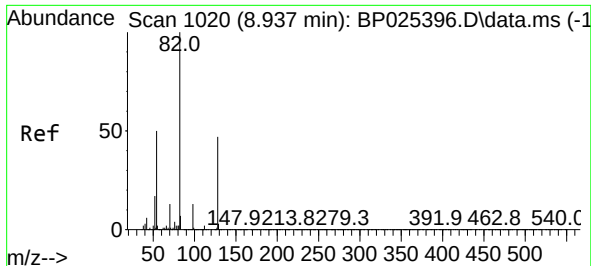
Tgt Ion: 99 Resp: 897503
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025494.D
Acq: 20 Aug 2025 04:32

Tgt Ion:136 Resp: 605130
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.8 6.0 9.0
68 5.2 4.3 6.5

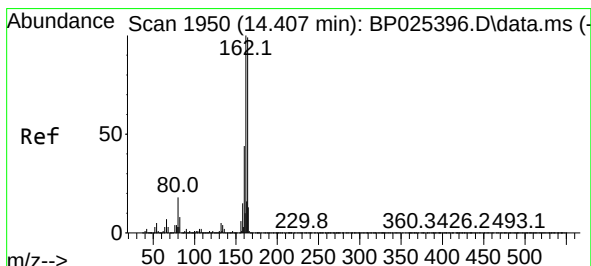
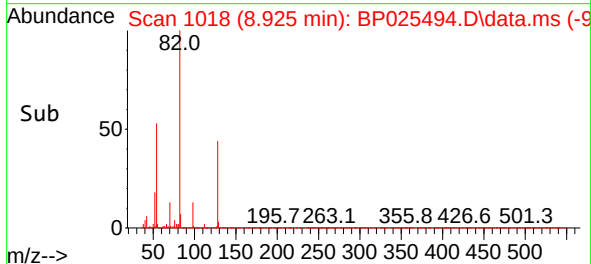
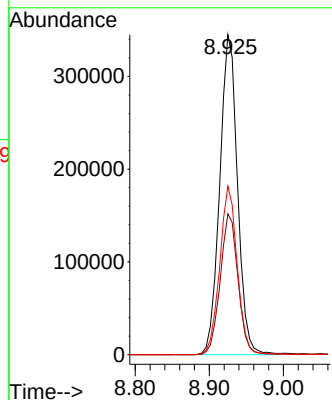
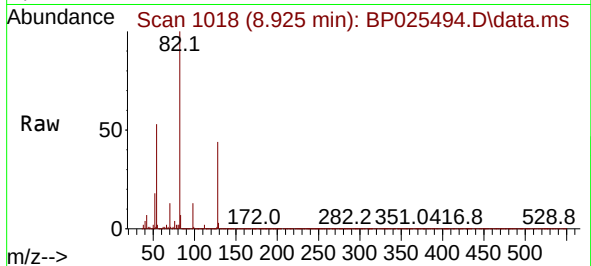




#23
Nitrobenzene-d5
Concen: 48.022 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025494.D
Acq: 20 Aug 2025 04:32

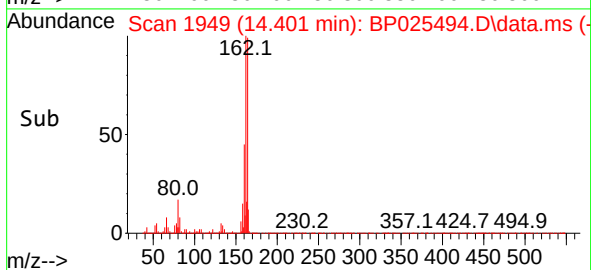
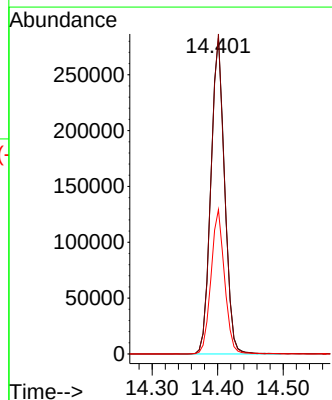
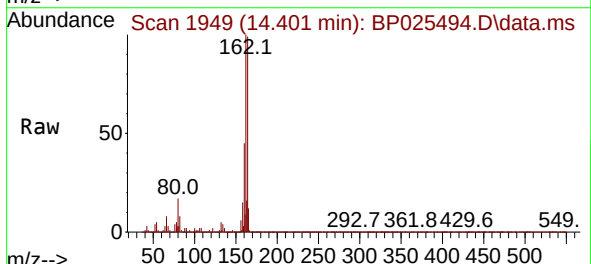
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-5 COMP

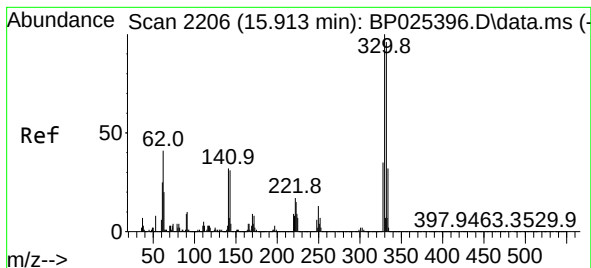
Tgt Ion: 82 Resp: 574465
Ion Ratio Lower Upper
82 100
128 44.0 37.7 56.5
54 52.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025494.D
Acq: 20 Aug 2025 04:32

Tgt Ion:164 Resp: 413648
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.7 35.4 53.2

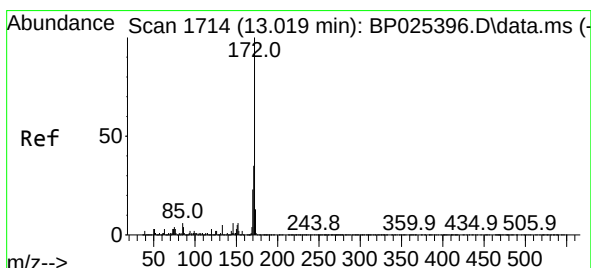
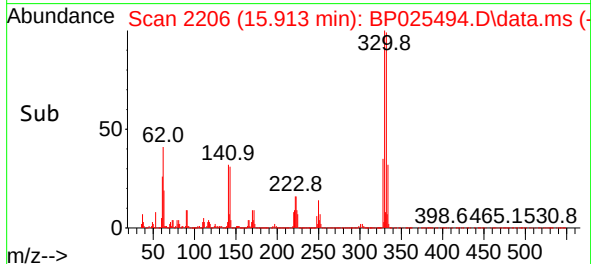
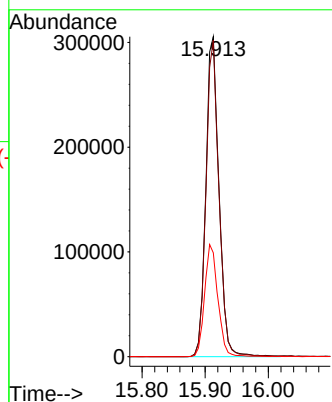
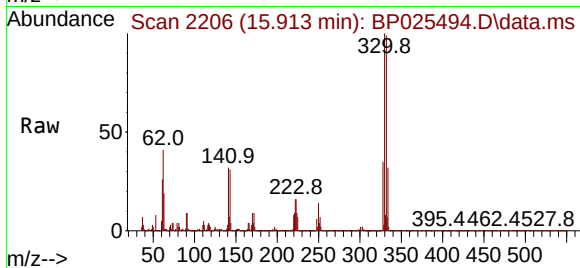




#42
2,4,6-Tribromophenol
Concen: 79.210 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025494.D
Acq: 20 Aug 2025 04:32

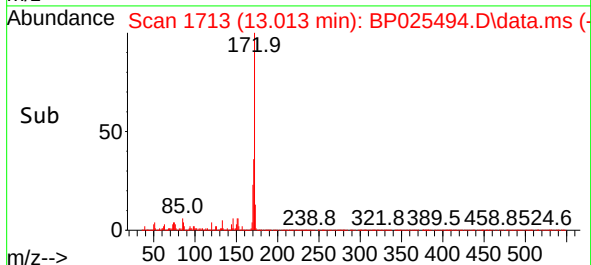
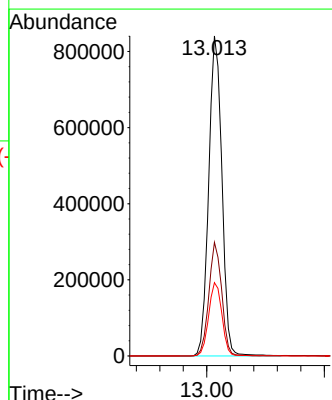
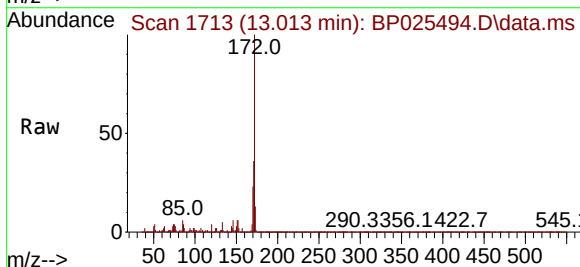
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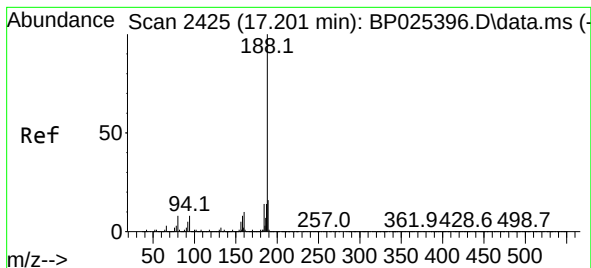
Tgt Ion: 330 Resp: 441020
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 35.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 43.387 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025494.D
Acq: 20 Aug 2025 04:32

Tgt Ion: 172 Resp: 1313186
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025494.D

Acq: 20 Aug 2025 04:32

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-5 COMP

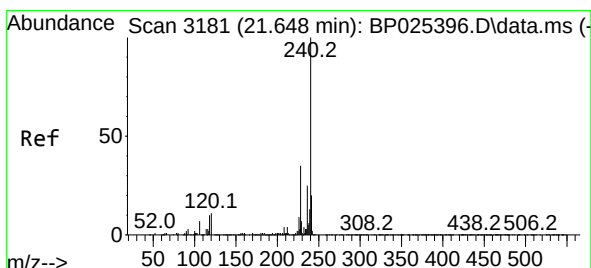
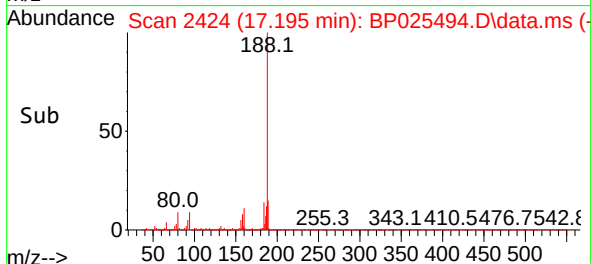
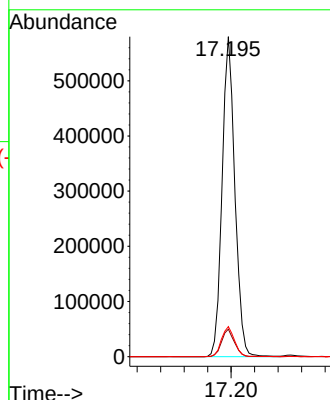
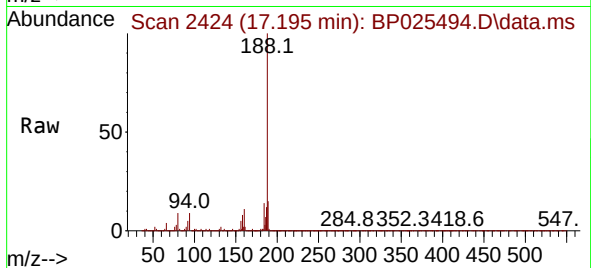
Tgt Ion:188 Resp: 871139

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.4 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025494.D

Acq: 20 Aug 2025 04:32

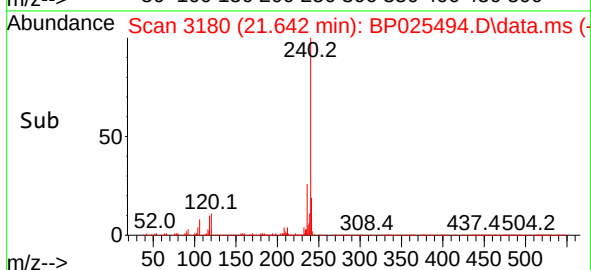
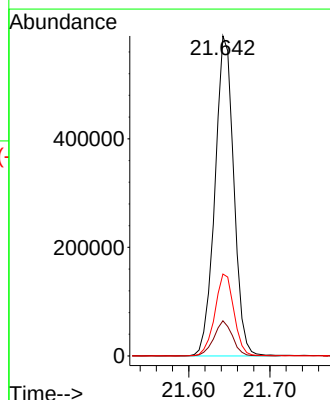
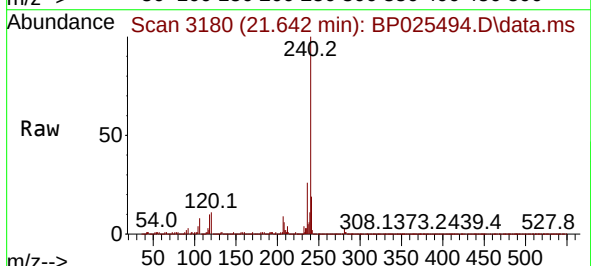
Tgt Ion:240 Resp: 951804

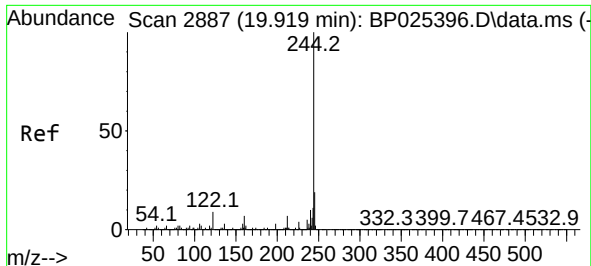
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.6 19.8 29.8

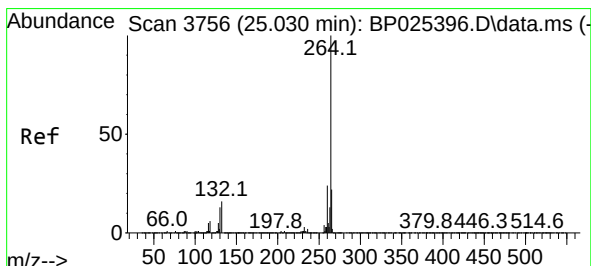
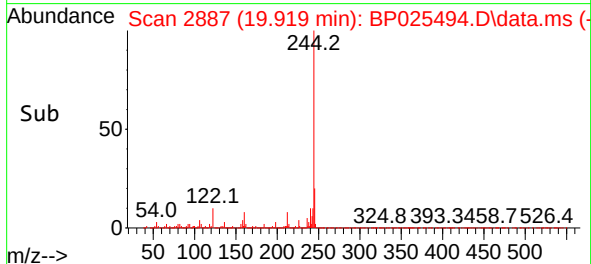
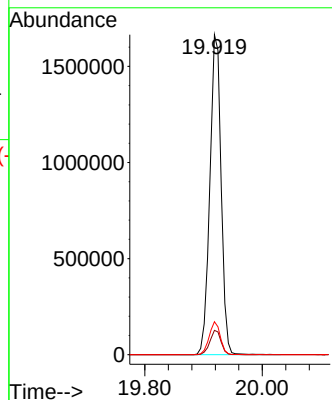
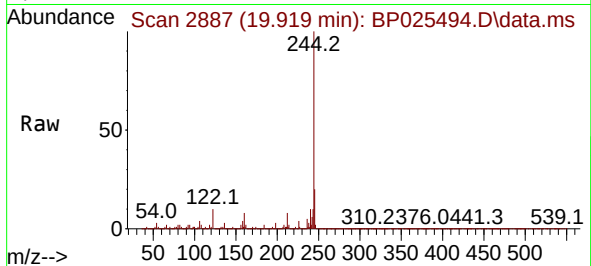




#79
 Terphenyl-d14
 Concen: 42.619 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025494.D
 Acq: 20 Aug 2025 04:32

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 2217204
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 10.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3753
 Delta R.T. -0.018 min
 Lab File: BP025494.D
 Acq: 20 Aug 2025 04:32

Tgt Ion:264 Resp: 1040548
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.9 17.4 26.0

