

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025531.D
 Acq On : 21 Aug 2025 08:44
 Operator : CG/JU
 Sample : Q2873-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-3 COMP

Quant Time: Aug 21 09:00:26 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)

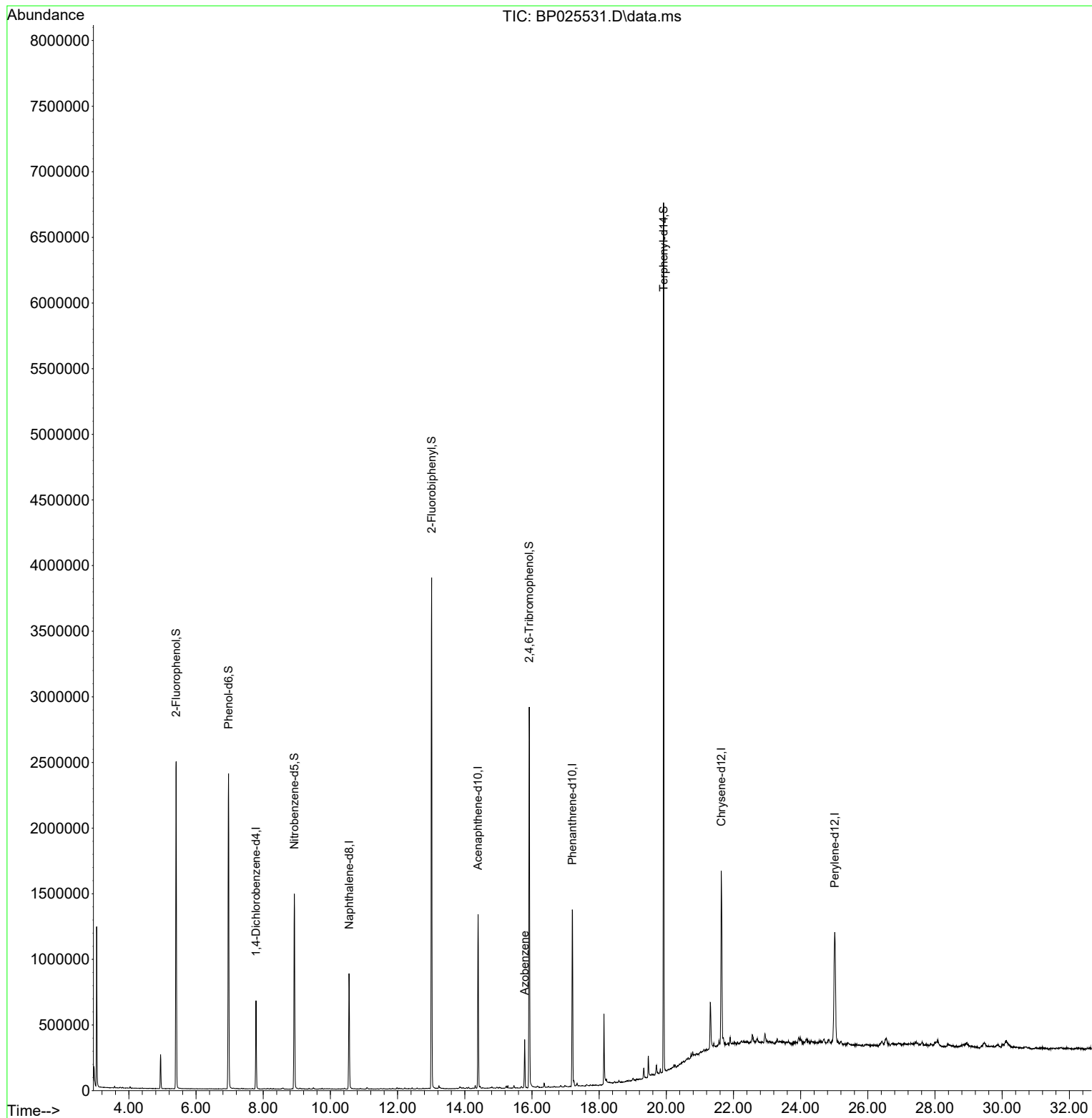
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	181797	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	712186	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	443230	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	875168	20.000	ng	0.00
76) Chrysene-d12	21.636	240	963941	20.000	ng	-0.01
86) Perylene-d12	25.012	264	1053552	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1076785	98.363	ng	0.00
7) Phenol-d6	6.966	99	1380801	98.383	ng	0.00
23) Nitrobenzene-d5	8.925	82	888819	63.131	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	573354	96.105	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1921961	59.263	ng	0.00
79) Terphenyl-d14	19.919	244	2855735	54.202	ng	0.00
Target Compounds						
63) Azobenzene	15.784	77	109036	3.861	ng	Qvalue # 1

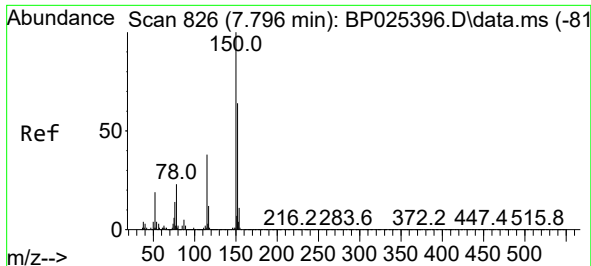
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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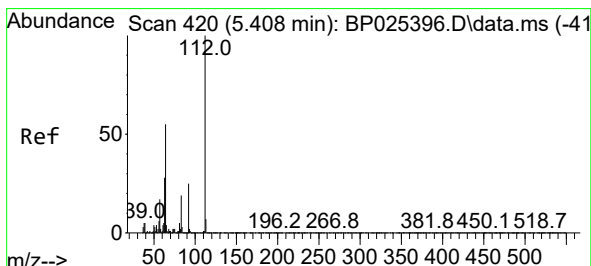
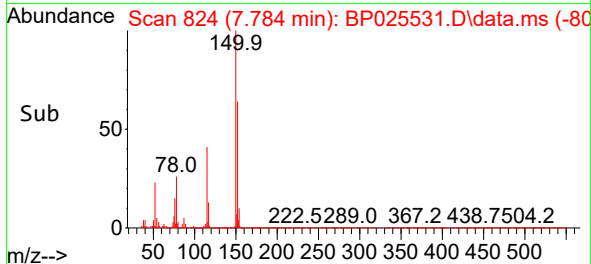
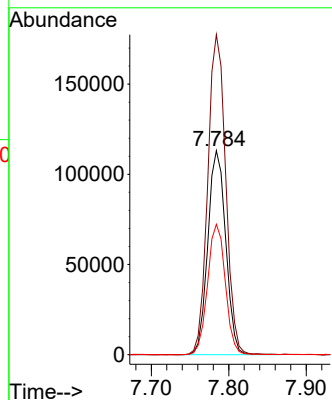
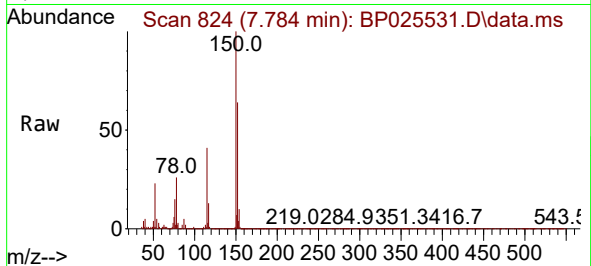




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

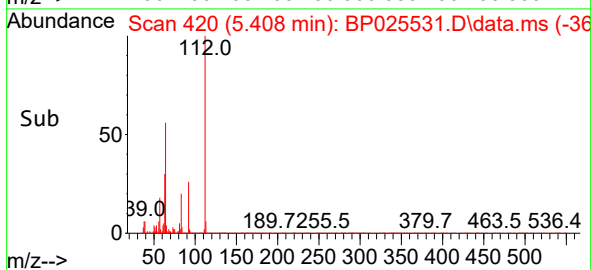
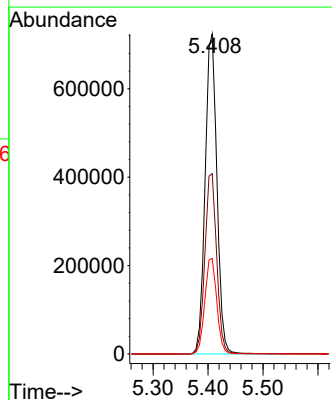
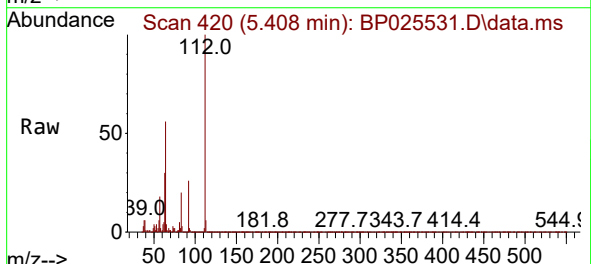
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMP

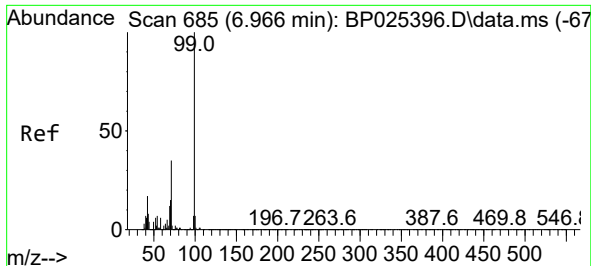
Tgt Ion:152 Resp: 181797
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 63.9 48.5 72.7



#5
2-Fluorophenol
Concen: 98.363 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

Tgt Ion:112 Resp: 1076785
Ion Ratio Lower Upper
112 100
64 56.3 43.8 65.8
63 29.9 22.7 34.1

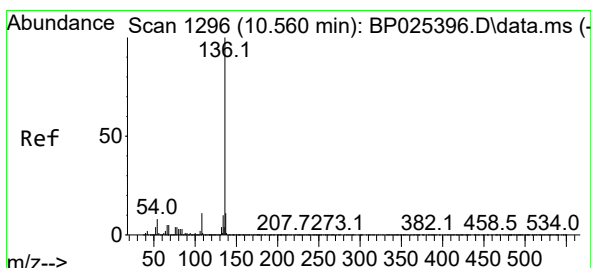
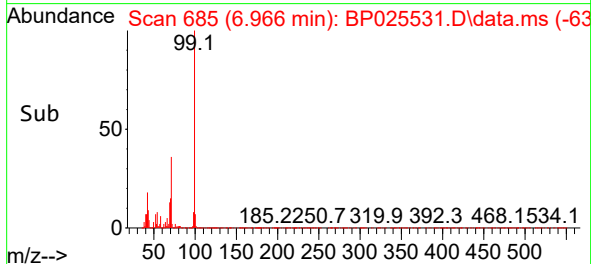
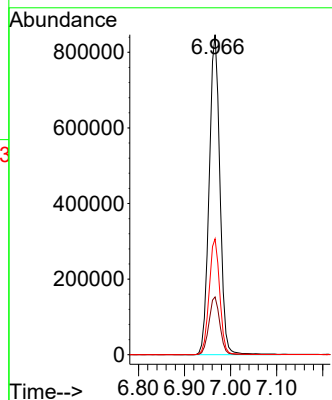
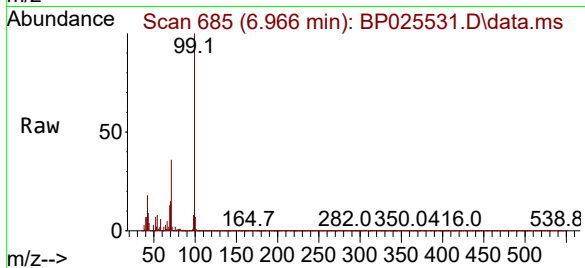




#7
Phenol-d6
Concen: 98.383 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

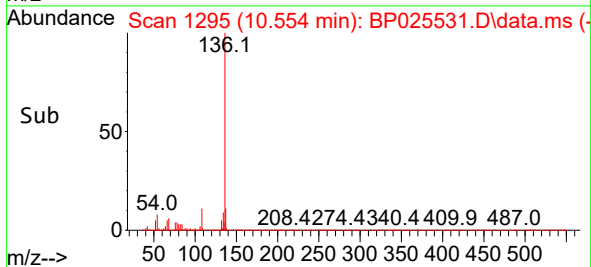
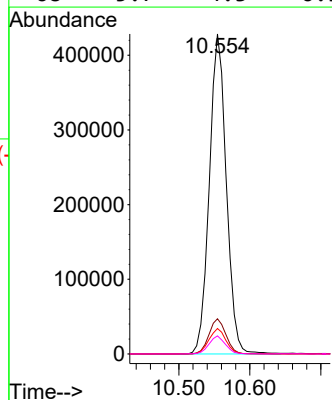
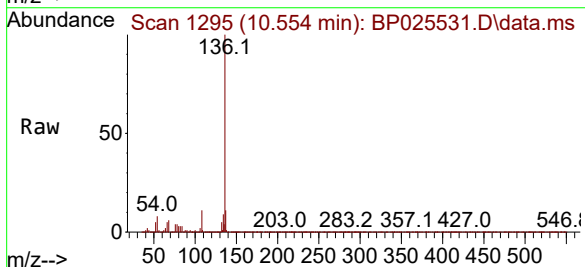
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMP

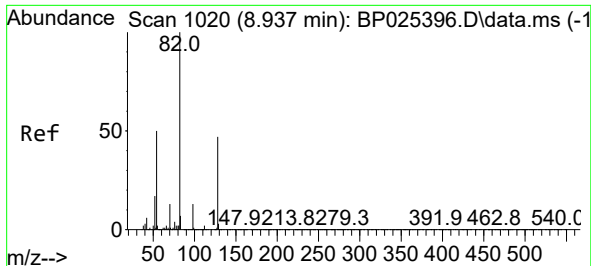
Tgt Ion: 99 Resp: 1380801
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 36.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

Tgt Ion: 136 Resp: 712186
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.7 4.3 6.5

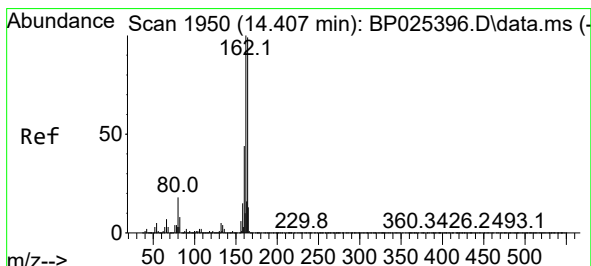
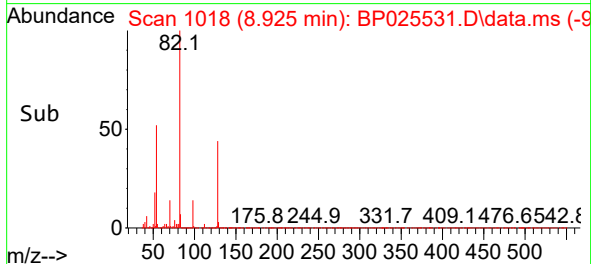
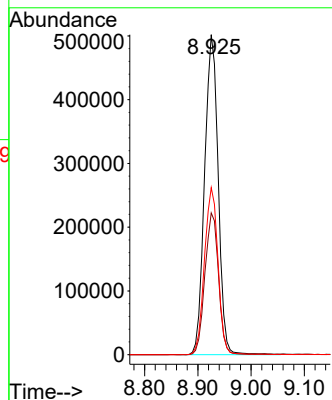
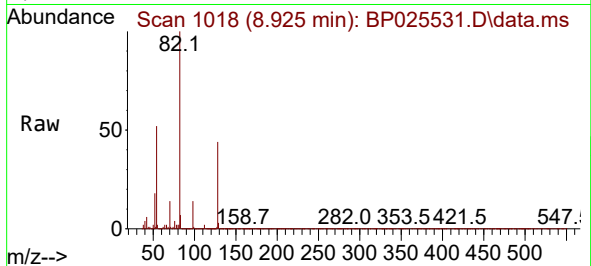




#23
Nitrobenzene-d5
Concen: 63.131 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

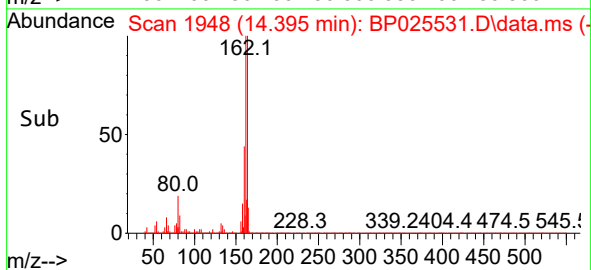
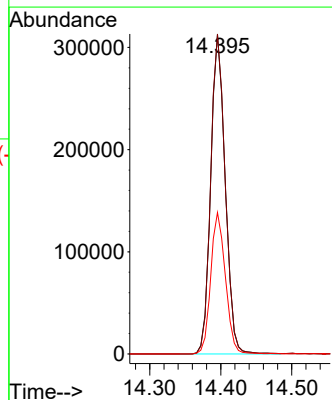
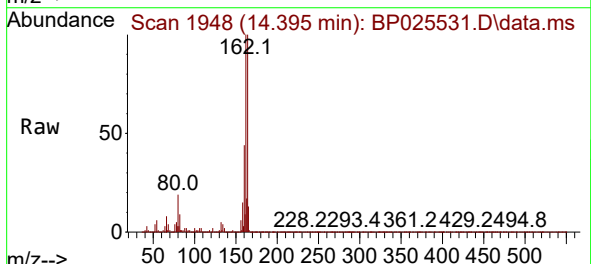
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMP

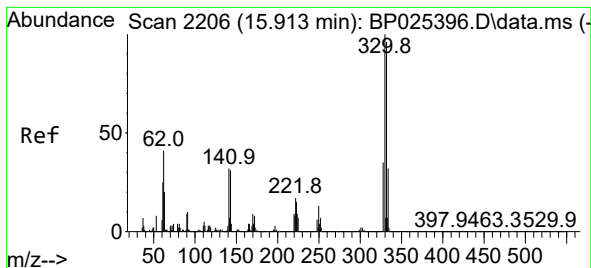
Tgt Ion: 82 Resp: 888819
Ion Ratio Lower Upper
82 100
128 44.3 37.7 56.5
54 52.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

Tgt Ion:164 Resp: 443230
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 96.105 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025531.D

Acq: 21 Aug 2025 08:44

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMP

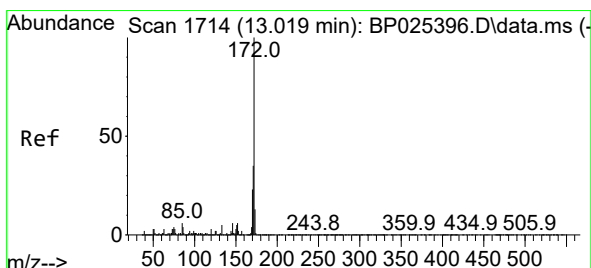
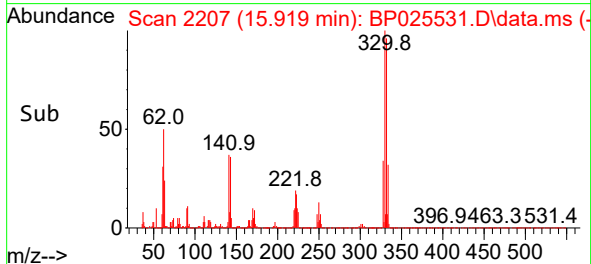
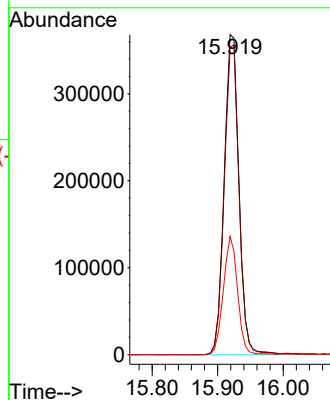
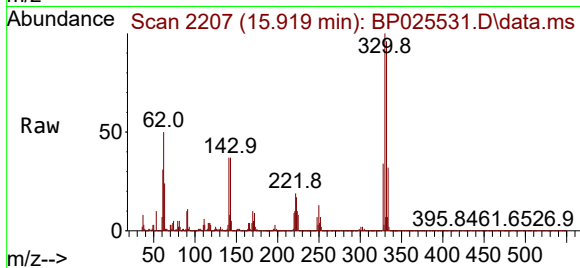
Tgt Ion:330 Resp: 573354

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 35.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 59.263 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025531.D

Acq: 21 Aug 2025 08:44

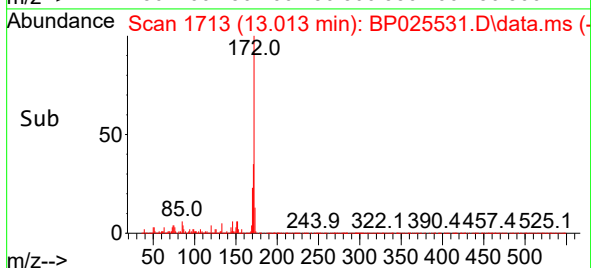
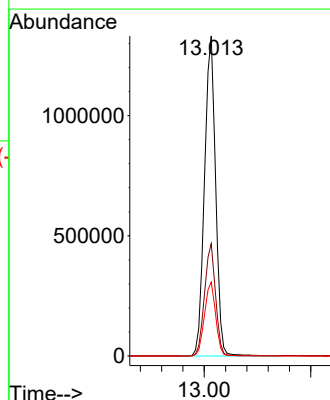
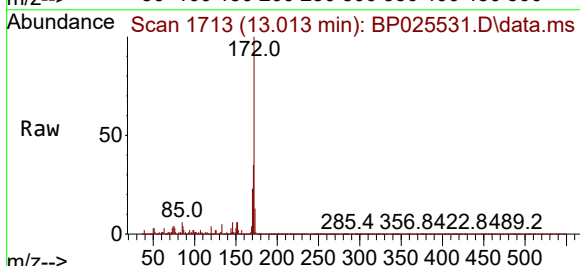
Tgt Ion:172 Resp: 1921961

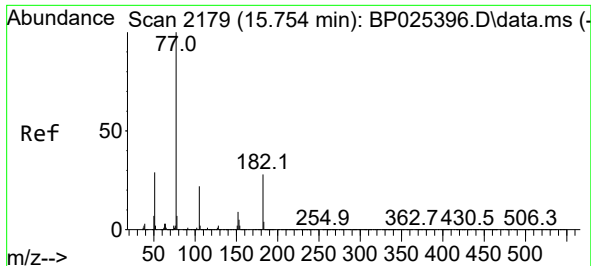
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.1 18.6 28.0

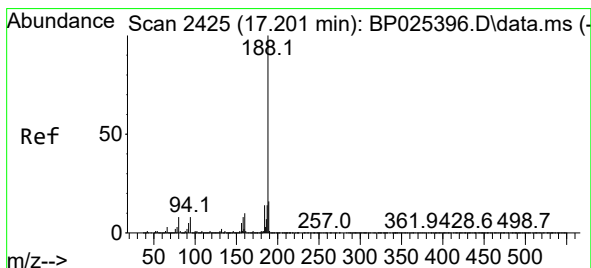
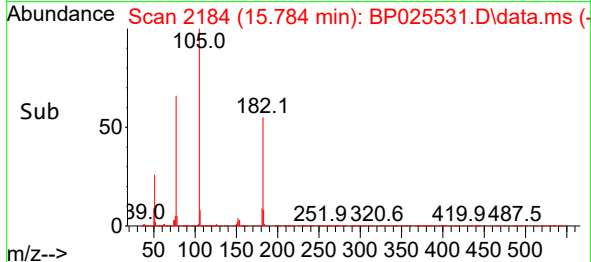
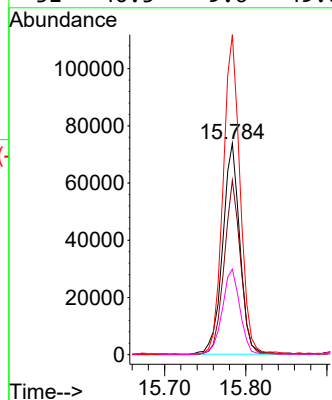
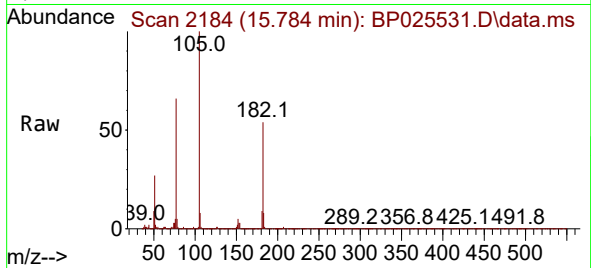




#63
Azobenzene
Concen: 3.861 ng
RT: 15.784 min Scan# 2179
Delta R.T. 0.029 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

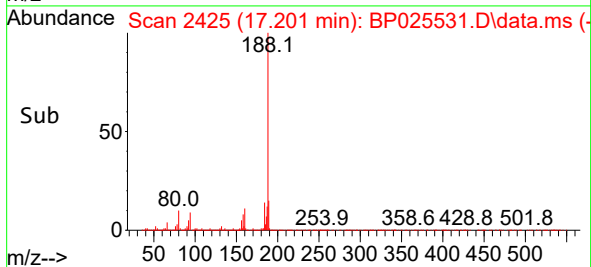
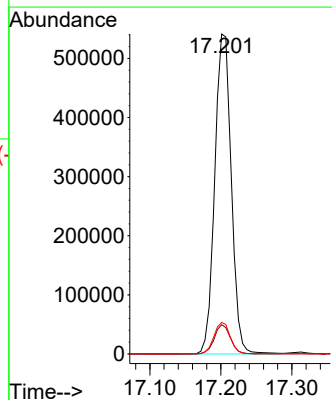
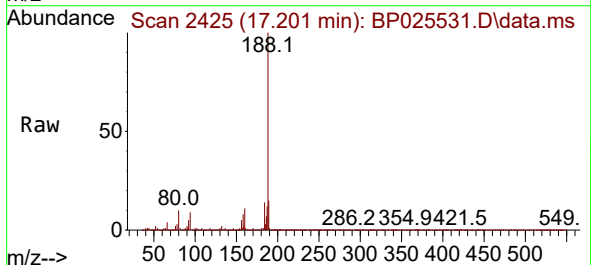
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DRILL CUTTING 1-3 COMP

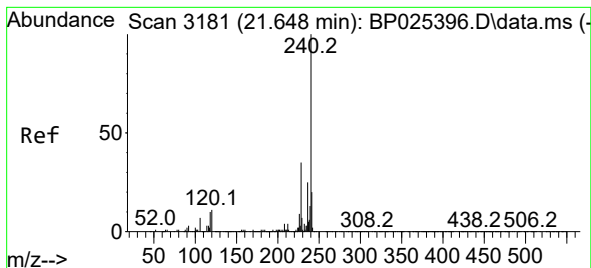
Tgt Ion: 77 Resp: 109036
Ion Ratio Lower Upper
77 100
182 82.5 7.5 47.5#
105 151.4 2.1 42.1#
51 40.5 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025531.D
Acq: 21 Aug 2025 08:44

Tgt Ion: 188 Resp: 875168
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP025531.D

Acq: 21 Aug 2025 08:44

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-3 COMP

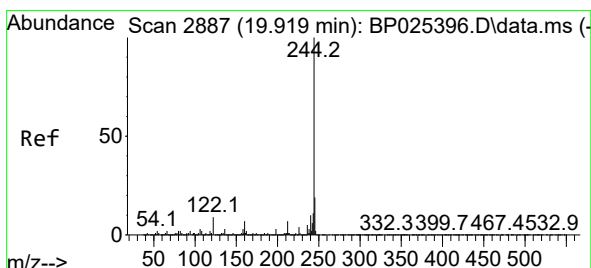
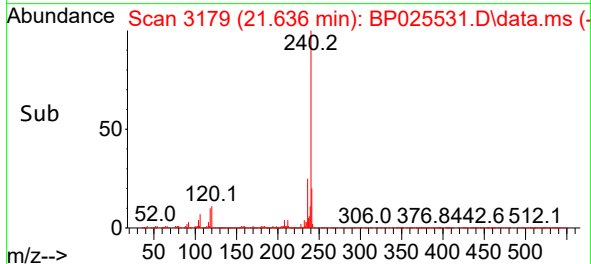
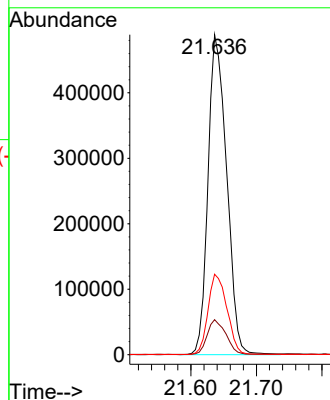
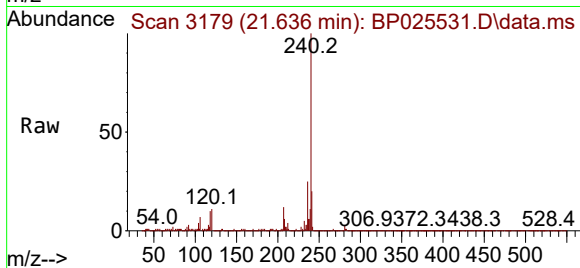
Tgt Ion:240 Resp: 963941

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.2 19.8 29.8



#79

Terphenyl-d14

Concen: 54.202 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025531.D

Acq: 21 Aug 2025 08:44

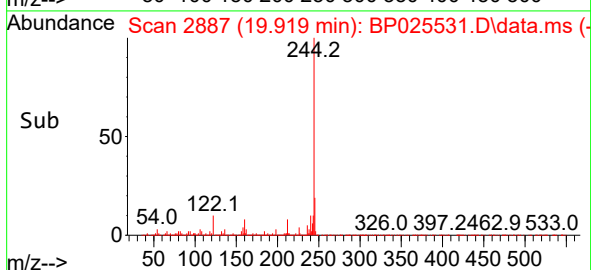
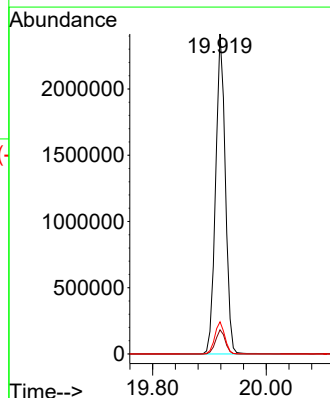
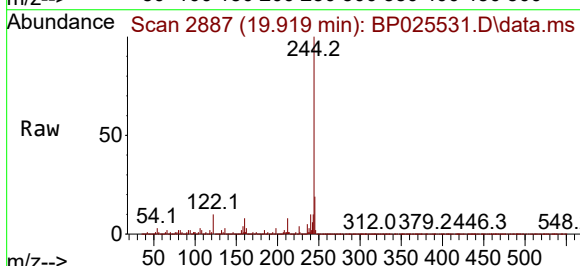
Tgt Ion:244 Resp: 2855735

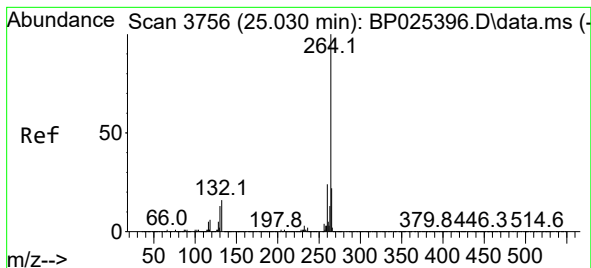
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 10.1 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025531.D

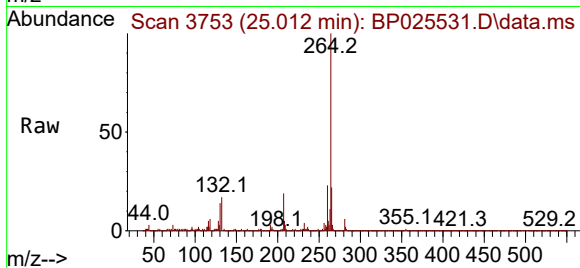
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Tgt Ion:264 Resp: 1053552

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.5 17.4 26.0

