

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026332.D
 Acq On : 15 Dec 2025 19:37
 Operator : RC/JU
 Sample : Q3860-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MA-CONCRETE

Quant Time: Dec 16 00:56:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 14:15:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	195488	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	712837	20.000	ng	0.00
39) Acenaphthene-d10	14.272	164	438542	20.000	ng	0.00
64) Phenanthrene-d10	17.078	188	866324	20.000	ng	0.00
76) Chrysene-d12	21.530	240	960470	20.000	ng	0.00
86) Perylene-d12	24.818	264	1127610	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	450116	37.019	ng	0.00
7) Phenol-d6	6.831	99	646641	42.123	ng	-0.01
23) Nitrobenzene-d5	8.784	82	516730	41.041	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	187258	32.130	ng	-0.02
45) 2-Fluorobiphenyl	12.878	172	1343482	44.291	ng	-0.01
79) Terphenyl-d14	19.824	244	2301040	47.733	ng	0.00

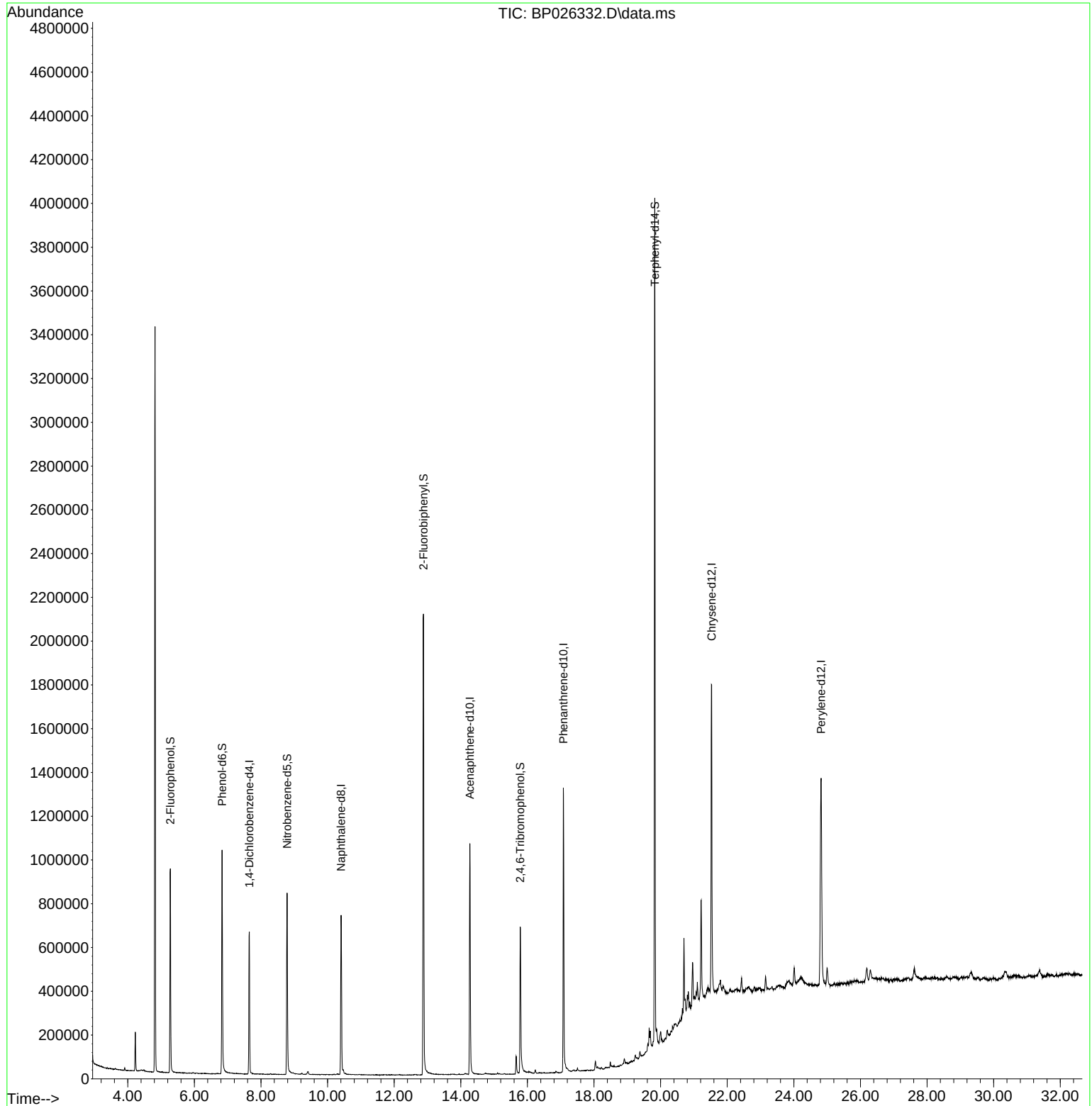
Target Compounds Qvalue

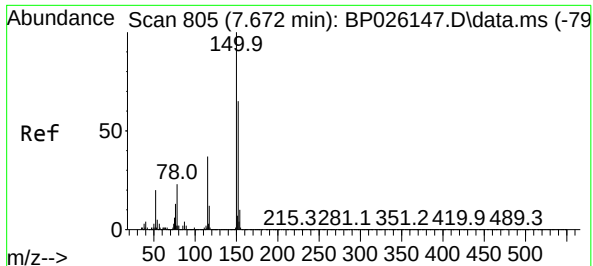
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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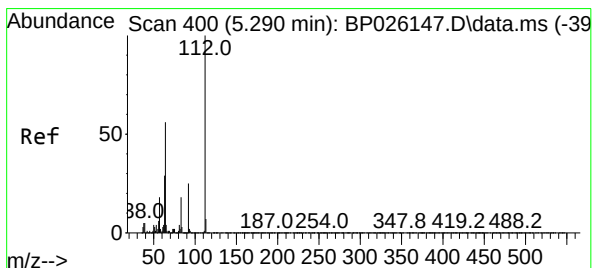
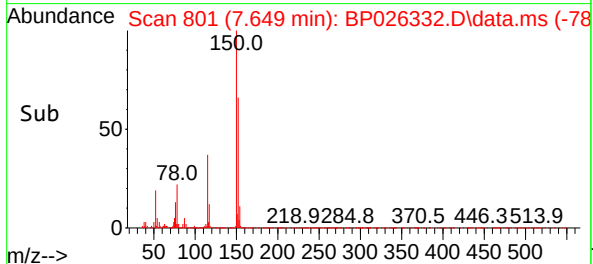
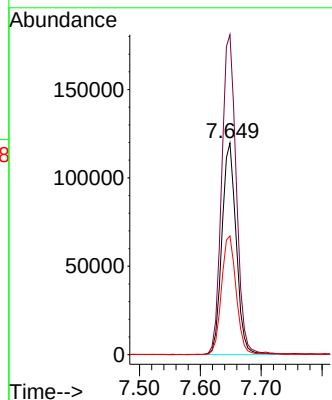
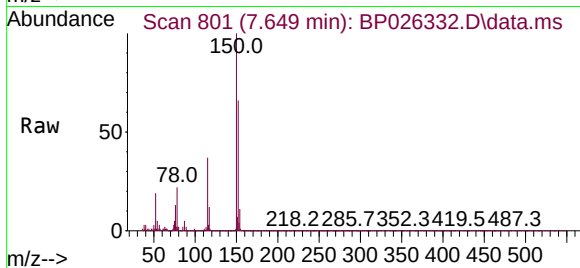




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026332.D
Acq: 15 Dec 2025 19:37

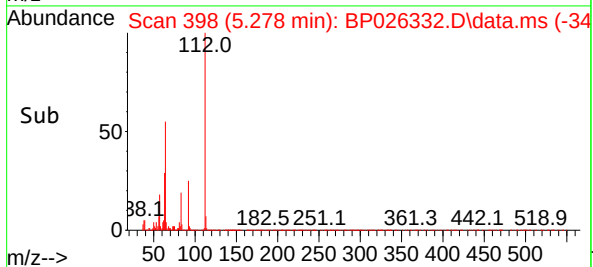
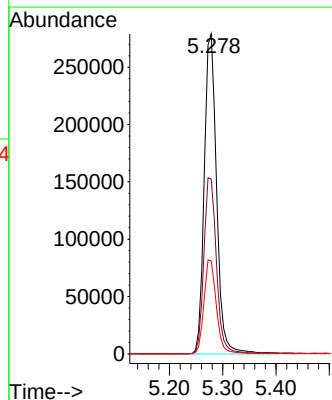
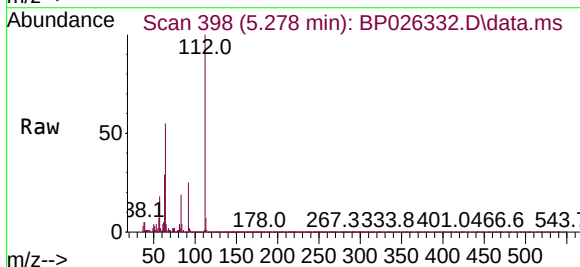
Instrument :
BNA_P
ClientSampleId :
MA-CONCRETE

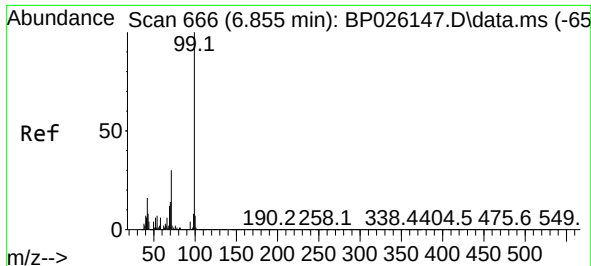
Tgt Ion:152 Resp: 195488
Ion Ratio Lower Upper
152 100
150 151.2 123.0 184.6
115 56.0 46.3 69.5



#5
2-Fluorophenol
Concen: 37.019 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026332.D
Acq: 15 Dec 2025 19:37

Tgt Ion:112 Resp: 450116
Ion Ratio Lower Upper
112 100
64 54.6 45.8 68.6
63 29.0 23.5 35.3

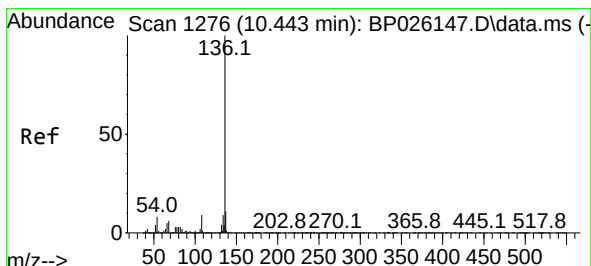
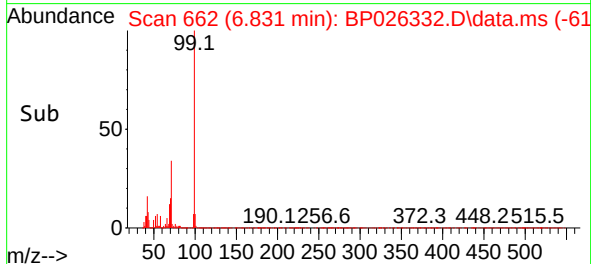
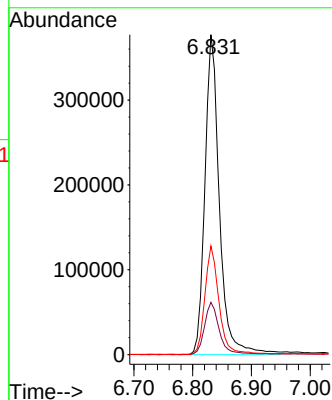
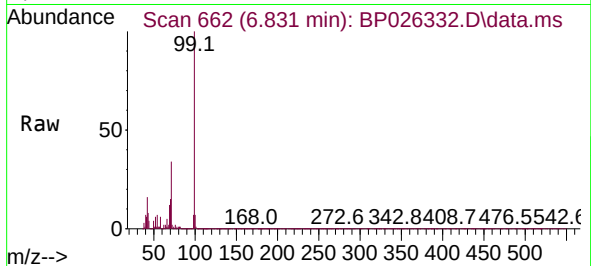




#7
Phenol-d6
Concen: 42.123 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026332.D
Acq: 15 Dec 2025 19:37

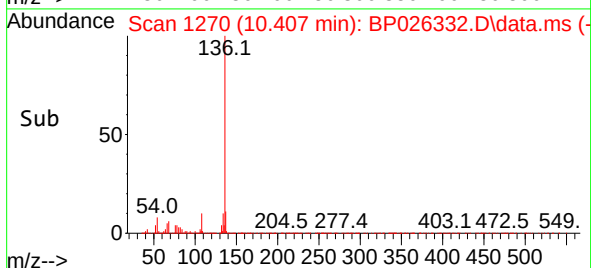
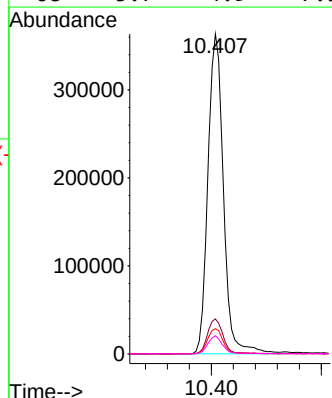
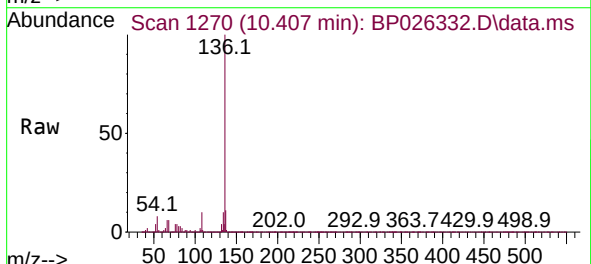
Instrument :
BNA_P
ClientSampleId :
MA-CONCRETE

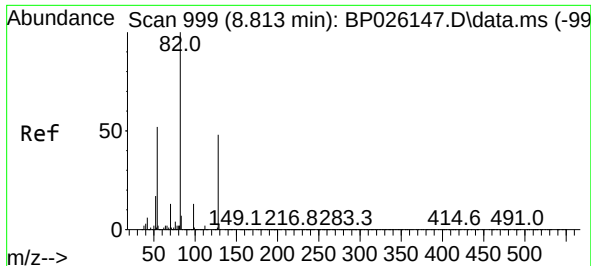
Tgt Ion: 99 Resp: 646641
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 34.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP026332.D
Acq: 15 Dec 2025 19:37

Tgt Ion: 136 Resp: 712837
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.4 9.6
68 5.7 4.9 7.3

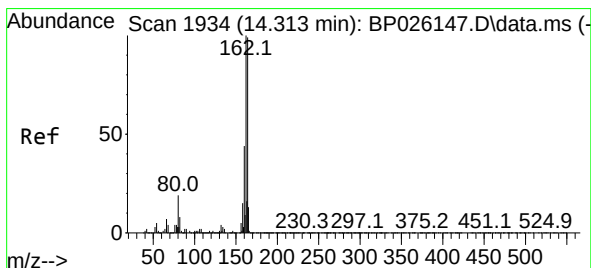
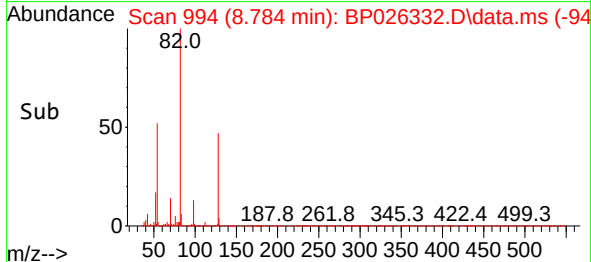
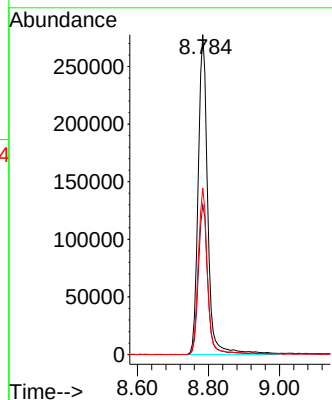
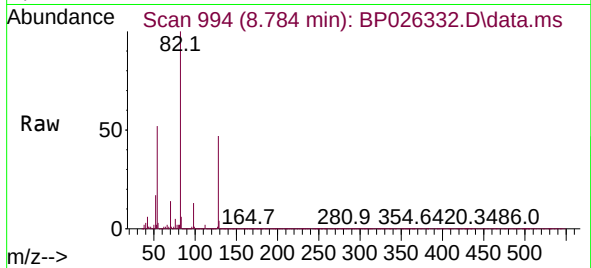




#23
Nitrobenzene-d5
Concen: 41.041 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026332.D
Acq: 15 Dec 2025 19:37

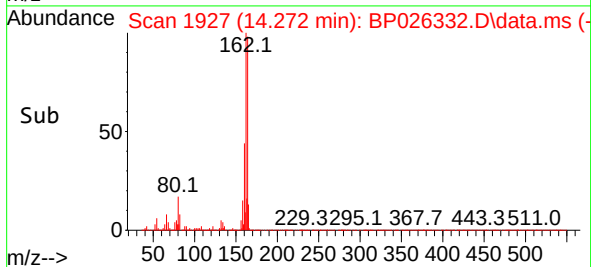
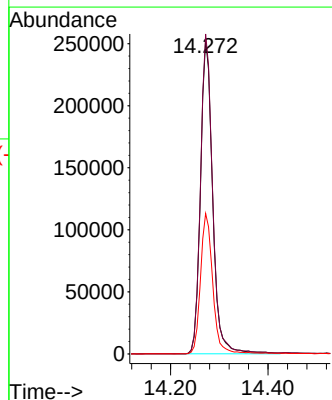
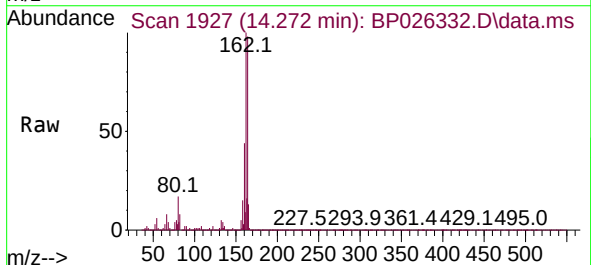
Instrument :
BNA_P
ClientSampleId :
MA-CONCRETE

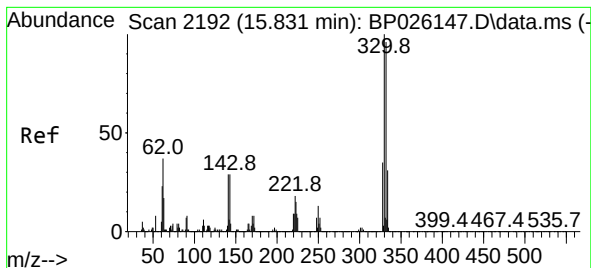
Tgt Ion: 82 Resp: 516730
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 52.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP026332.D
Acq: 15 Dec 2025 19:37

Tgt Ion:164 Resp: 438542
Ion Ratio Lower Upper
164 100
162 102.0 80.3 120.5
160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 32.130 ng

RT: 15.784 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP026332.D

Acq: 15 Dec 2025 19:37

Instrument :

BNA_P

ClientSampleId :

MA-CONCRETE

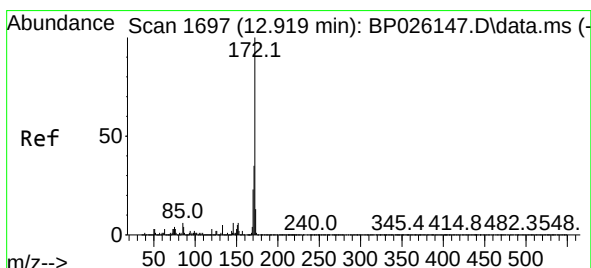
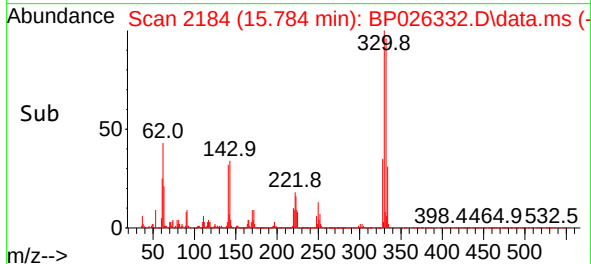
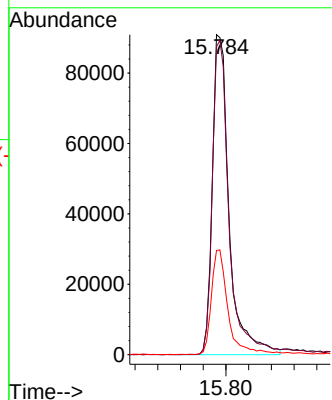
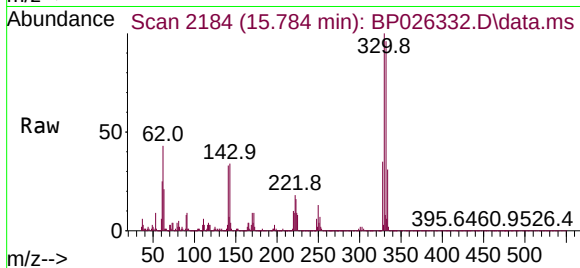
Tgt Ion:330 Resp: 187258

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 32.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 44.291 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BP026332.D

Acq: 15 Dec 2025 19:37

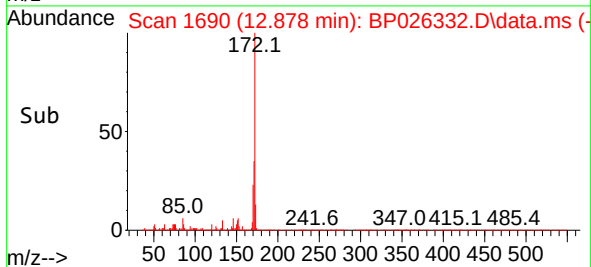
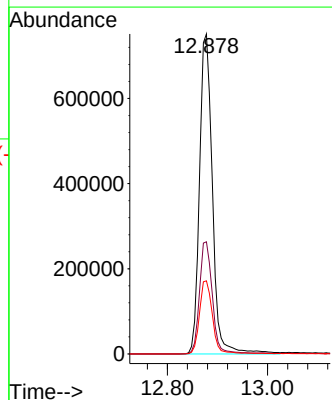
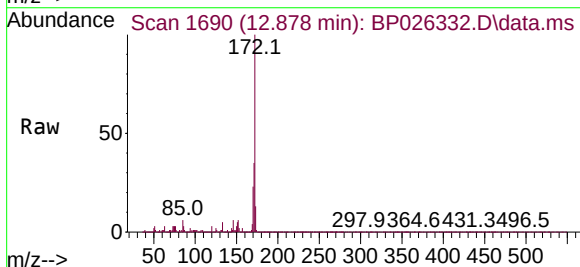
Tgt Ion:172 Resp: 1343482

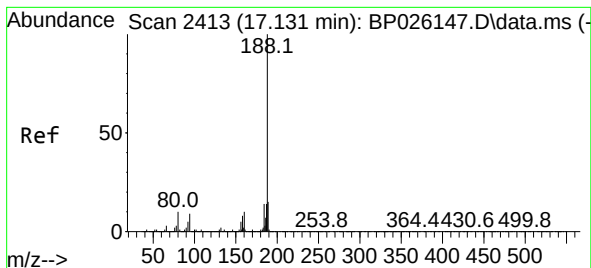
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.078 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP026332.D

Acq: 15 Dec 2025 19:37

Instrument :

BNA_P

ClientSampleId :

MA-CONCRETE

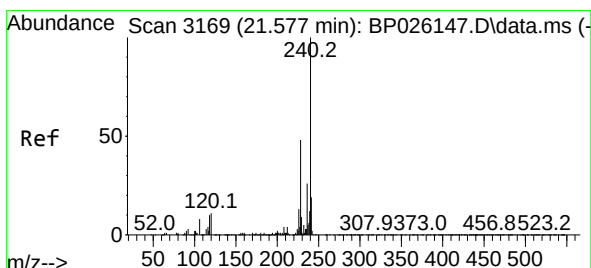
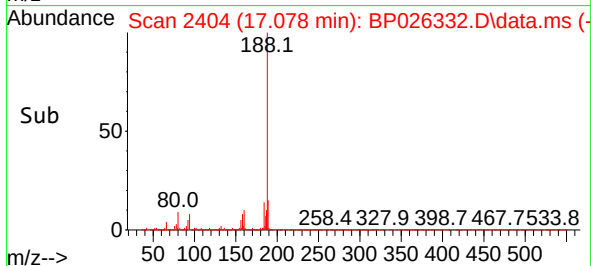
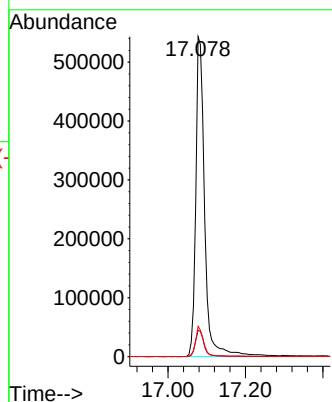
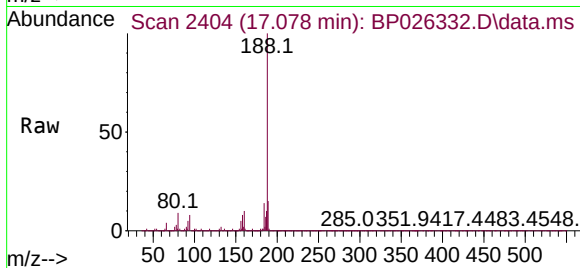
Tgt Ion:188 Resp: 866324

Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.6

80 9.4 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP026332.D

Acq: 15 Dec 2025 19:37

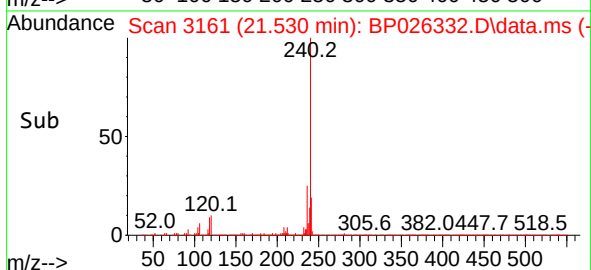
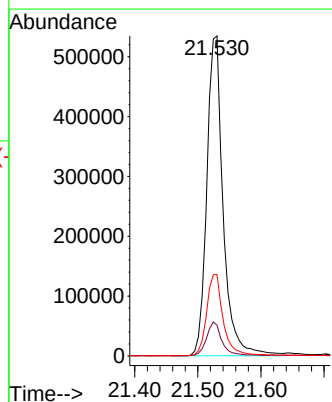
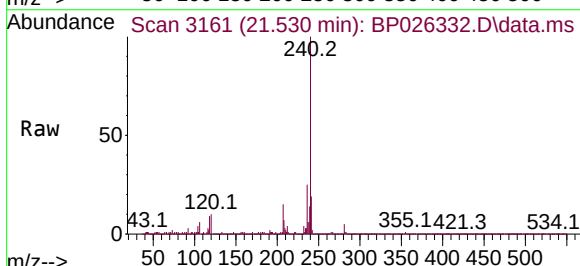
Tgt Ion:240 Resp: 960470

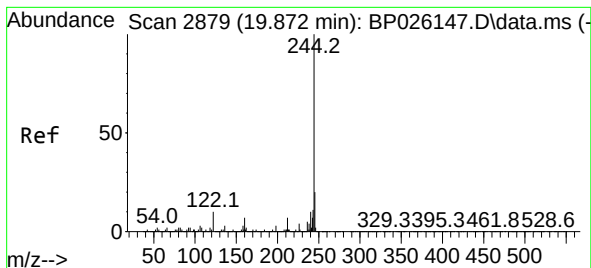
Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.4

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 47.733 ng

RT: 19.824 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026332.D

Acq: 15 Dec 2025 19:37

Instrument :

BNA_P

ClientSampleId :

MA-CONCRETE

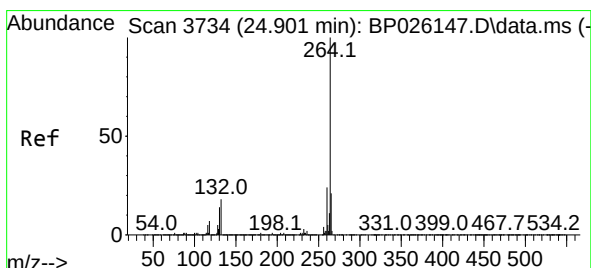
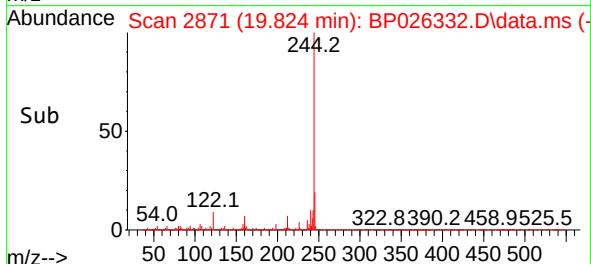
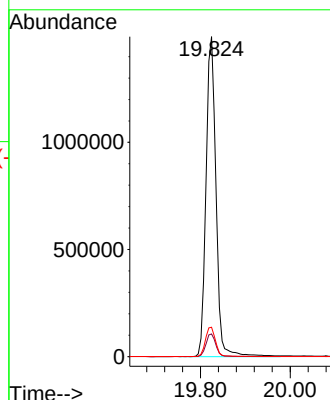
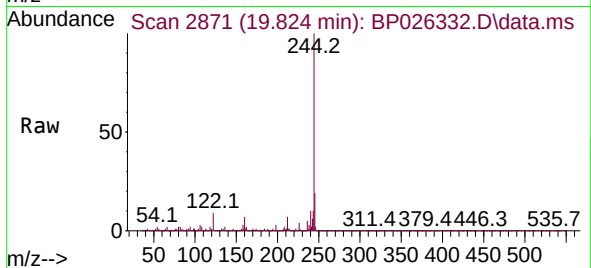
Tgt Ion:244 Resp: 2301040

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.2 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.818 min Scan# 3720

Delta R.T. -0.018 min

Lab File: BP026332.D

Acq: 15 Dec 2025 19:37

Tgt Ion:264 Resp: 1127610

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 17.5 26.3

