

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025125.D
 Acq On : 14 Jul 2025 18:27
 Operator : CG/JU
 Sample : Q2553-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-202

Quant Time: Jul 14 18:49:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	459808	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1740087	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1019903	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2000087	20.000	ng	0.00
76) Chrysene-d12	21.324	240	2268198	20.000	ng	-0.02
86) Perylene-d12	24.471	264	2585197	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1781262	68.640	ng	0.00
7) Phenol-d6	6.631	99	1355208	40.018	ng	0.00
23) Nitrobenzene-d5	8.566	82	2702274	103.279	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1906961	158.274	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	6074371	92.266	ng	-0.01
79) Terphenyl-d14	19.660	244	9525446	92.298	ng	-0.01

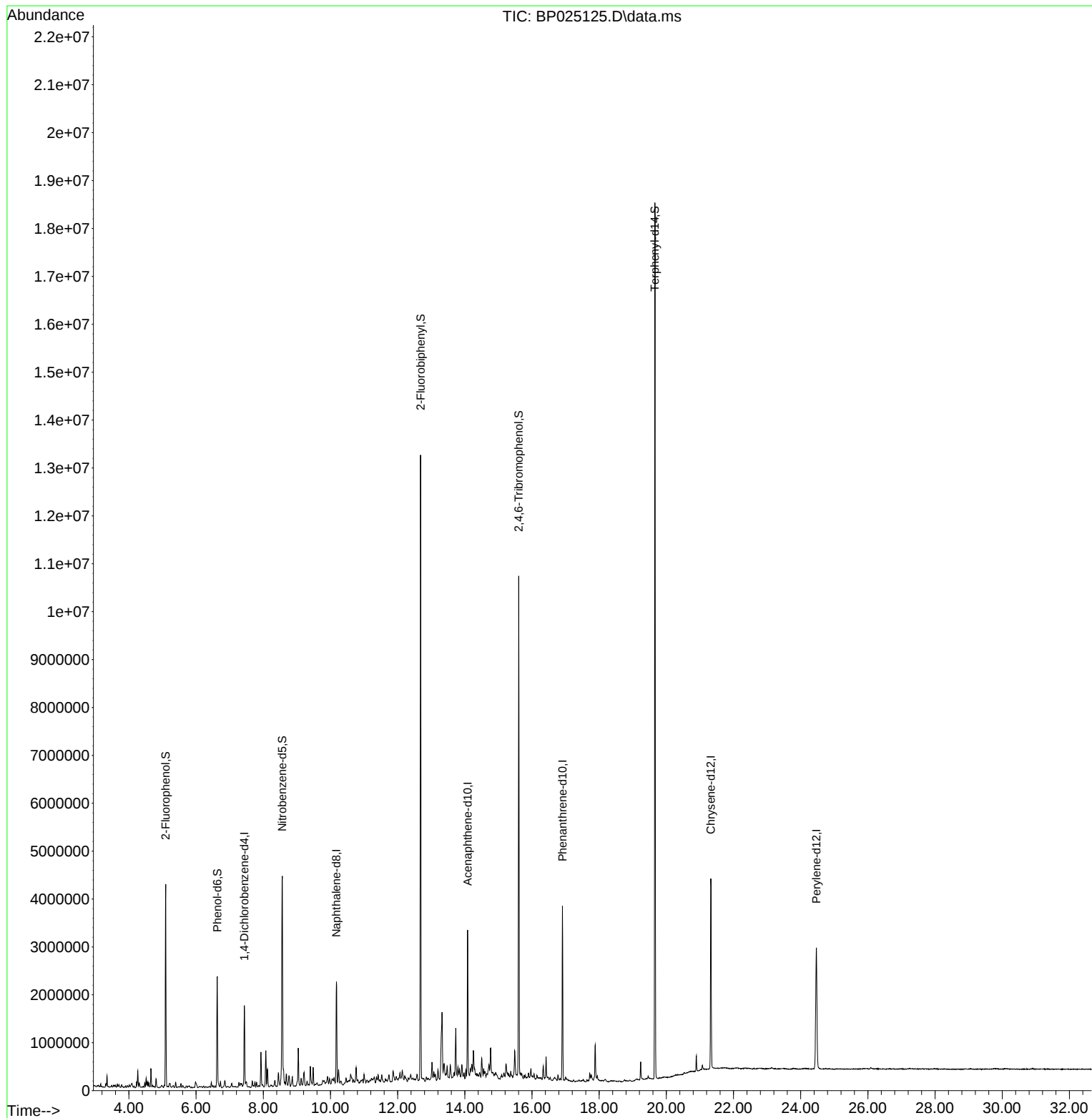
Target Compounds	Qvalue

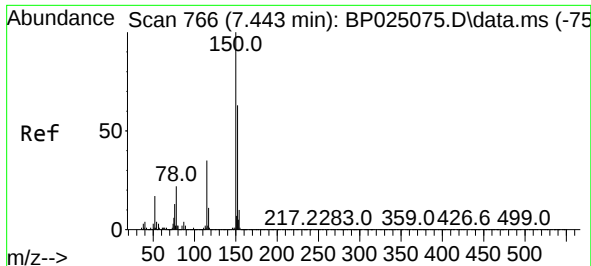
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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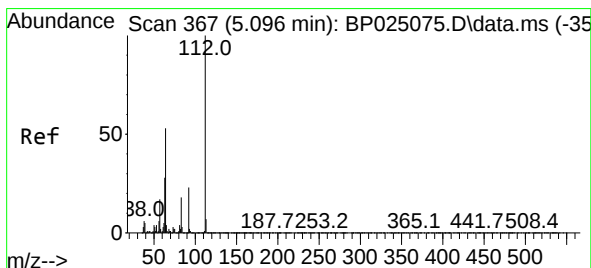
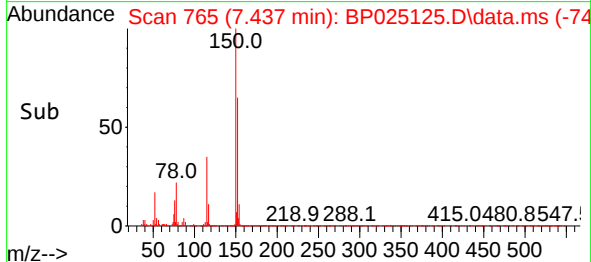
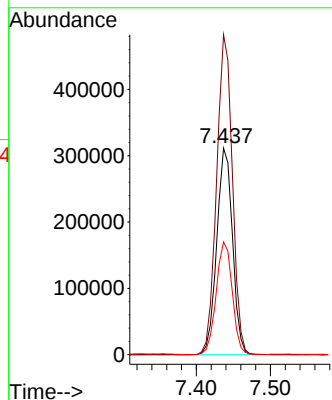
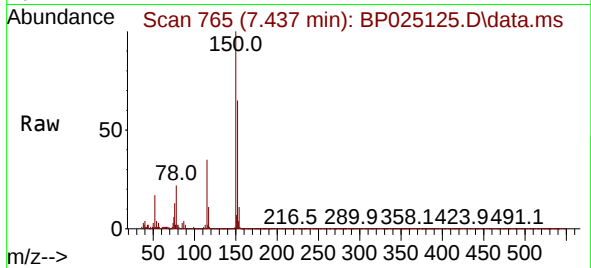




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP025125.D
 Acq: 14 Jul 2025 18:27

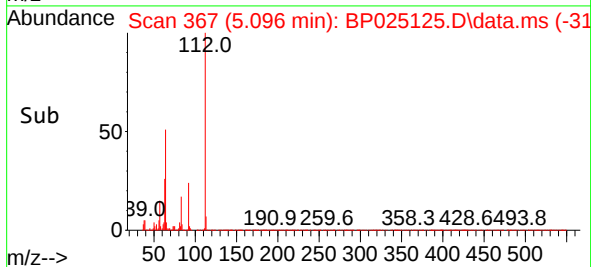
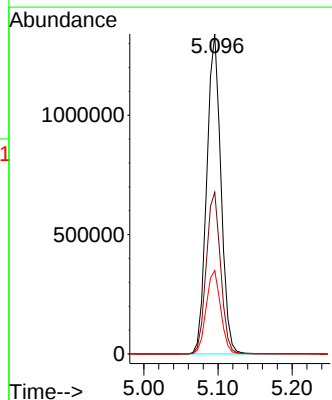
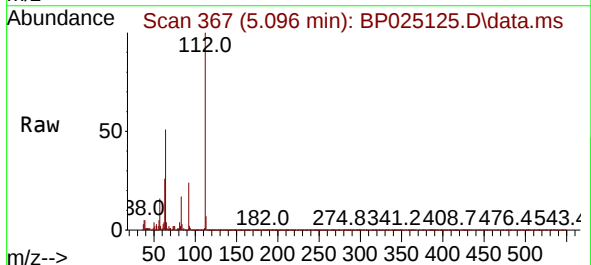
Instrument :
 BNA_P
 ClientSampleId :
 AOC-202

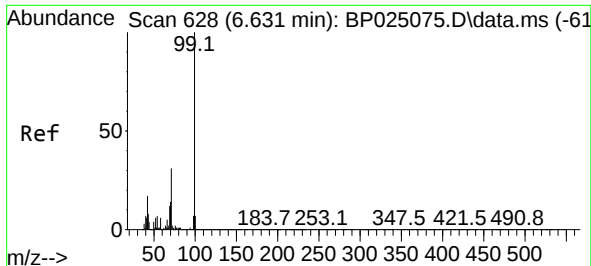
Tgt Ion:152 Resp: 459808
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.1 189.1
 115 54.6 44.3 66.5



#5
 2-Fluorophenol
 Concen: 68.640 ng
 RT: 5.096 min Scan# 367
 Delta R.T. -0.000 min
 Lab File: BP025125.D
 Acq: 14 Jul 2025 18:27

Tgt Ion:112 Resp: 1781262
 Ion Ratio Lower Upper
 112 100
 64 50.6 42.0 63.0
 63 26.0 22.2 33.2



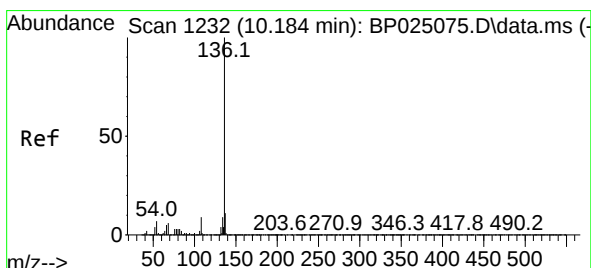
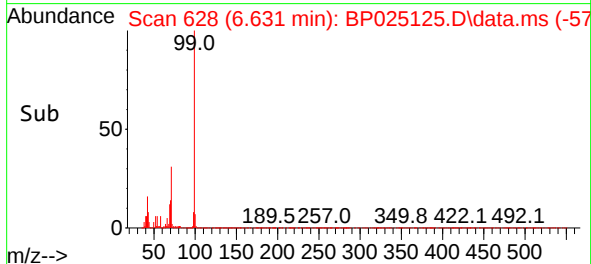
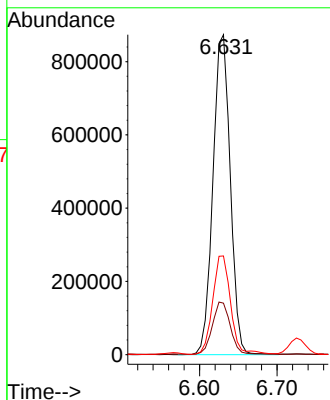
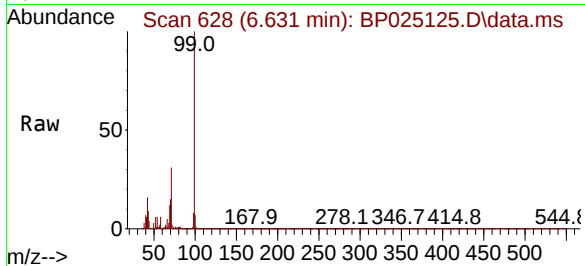


#7
Phenol-d6
Concen: 40.018 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion: 99 Resp: 1355208

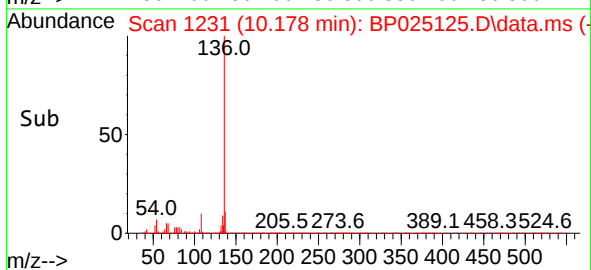
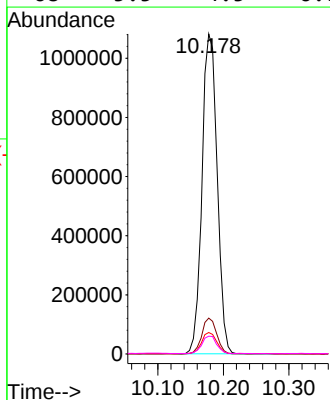
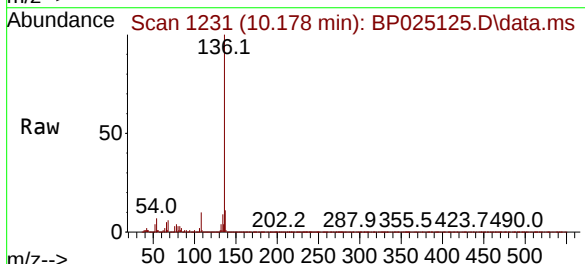
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	30.8	24.4	36.6

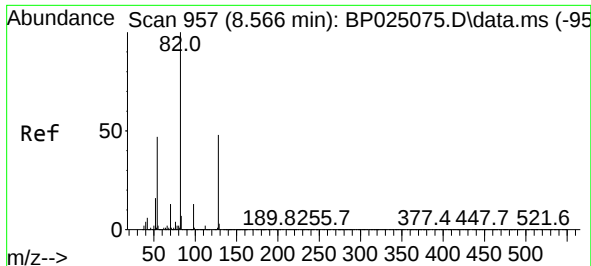


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:136 Resp: 1740087

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7

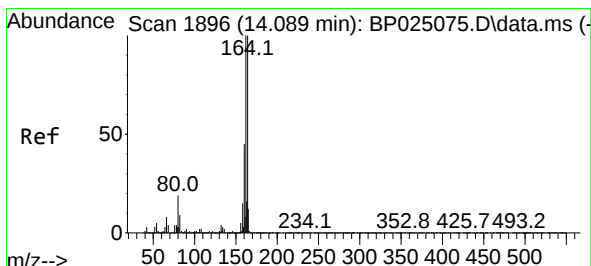
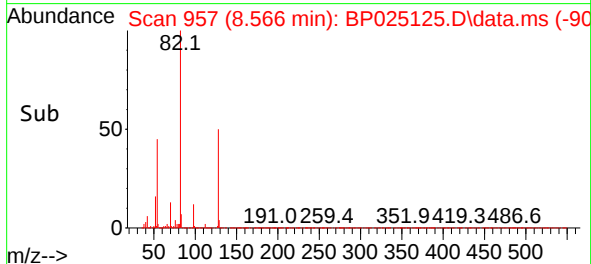
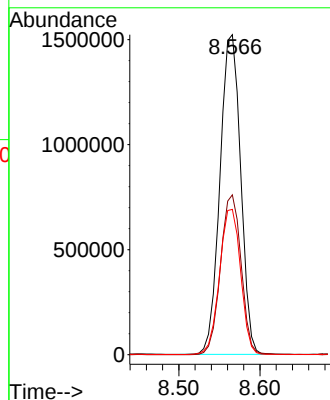
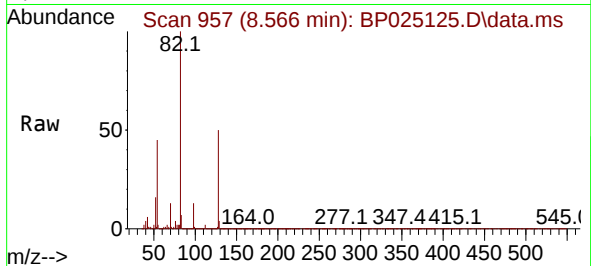




#23
Nitrobenzene-d5
Concen: 103.279 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

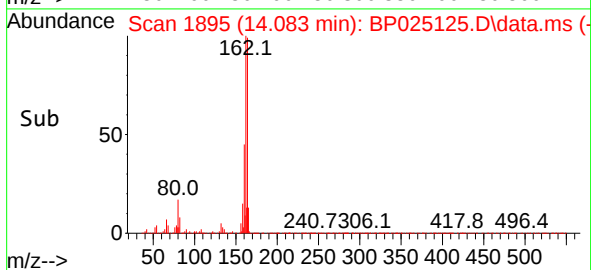
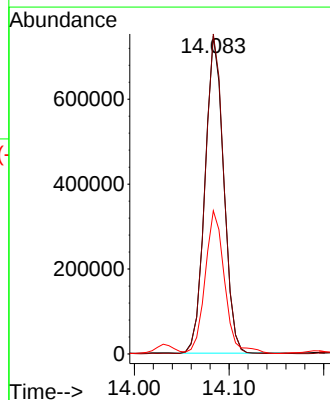
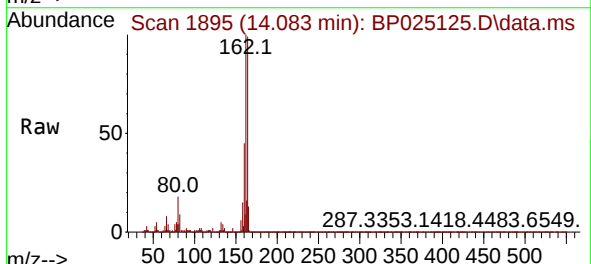
Instrument :
BNA_P
ClientSampleId :
AOC-202

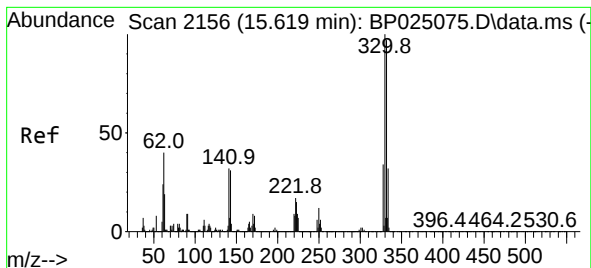
Tgt Ion: 82 Resp: 2702274
Ion Ratio Lower Upper
82 100
128 50.0 38.4 57.6
54 45.4 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:164 Resp: 1019903
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 158.274 ng

RT: 15.607 min Scan# 2156

Delta R.T. -0.012 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

Instrument :

BNA_P

ClientSampleId :

AOC-202

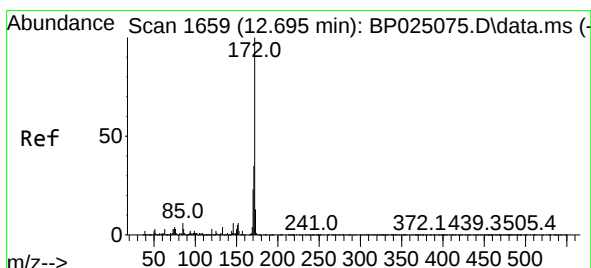
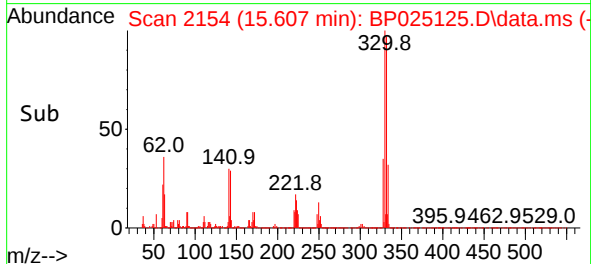
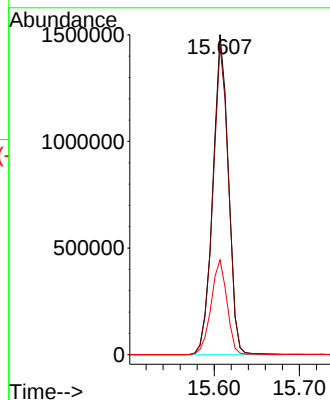
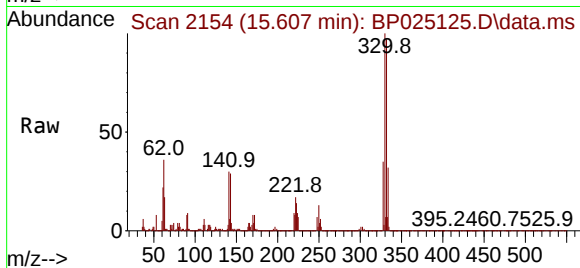
Tgt Ion:330 Resp: 1906961

Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

141 30.2 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 92.266 ng

RT: 12.683 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

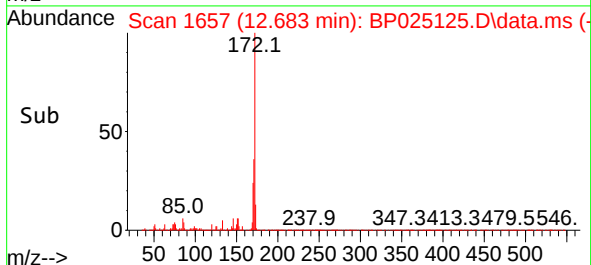
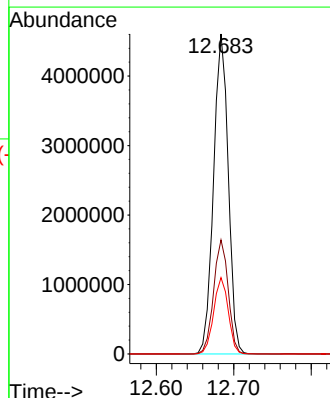
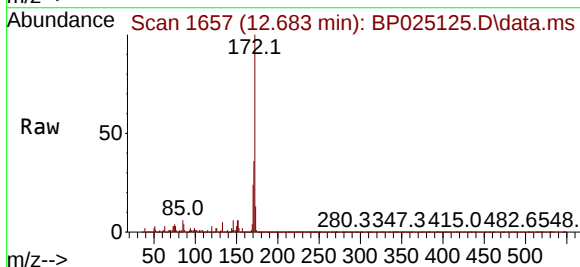
Tgt Ion:172 Resp: 6074371

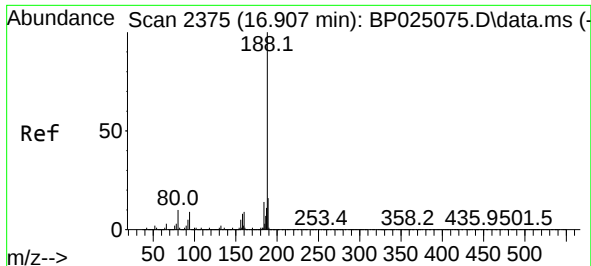
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.9 18.7 28.1

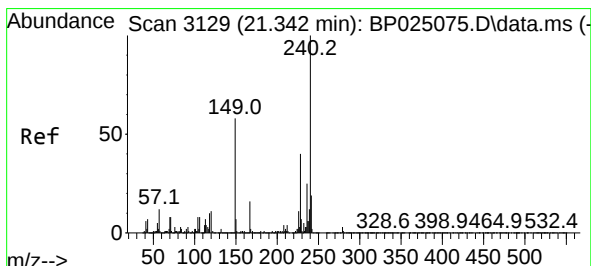
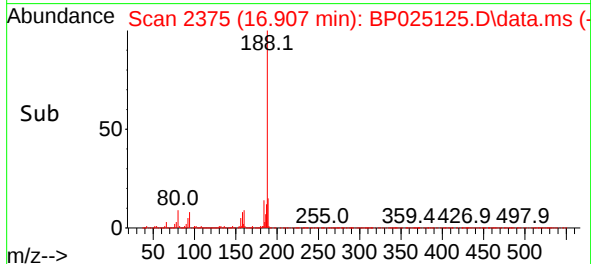
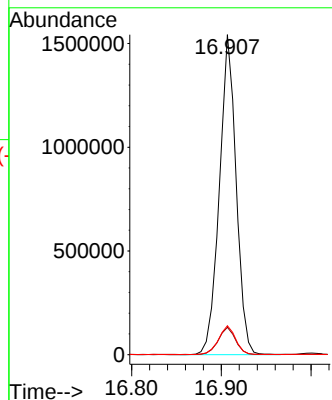
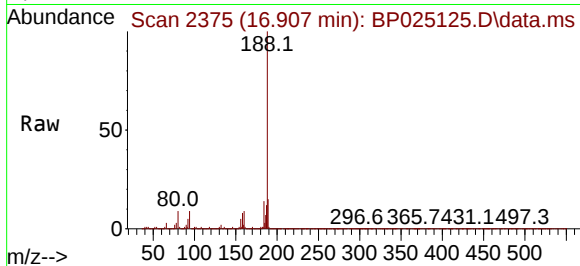




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

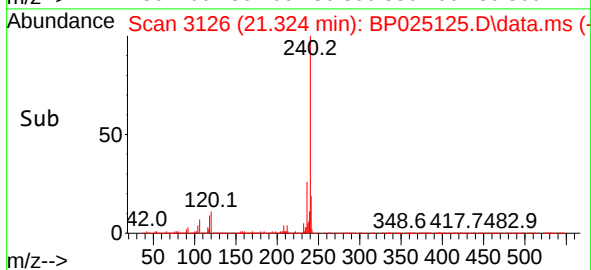
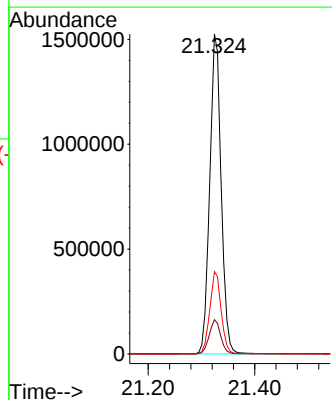
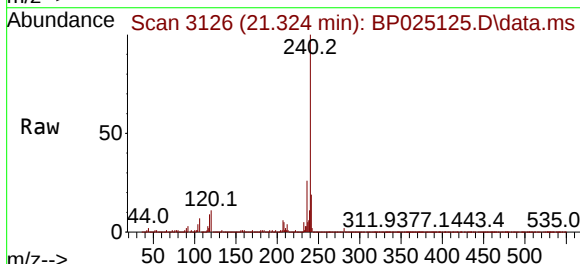
Instrument :
BNA_P
ClientSampleId :
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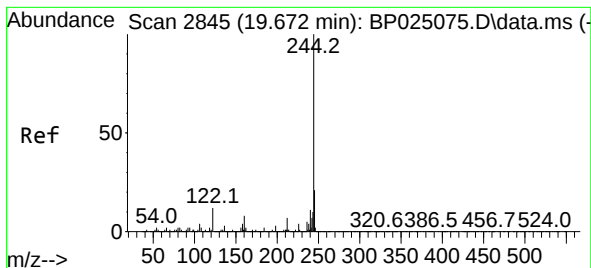
Tgt Ion:188 Resp: 2000087
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.018 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:240 Resp: 2268198
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 92.298 ng

RT: 19.660 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

Instrument :

BNA_P

ClientSampleId :

AOC-202

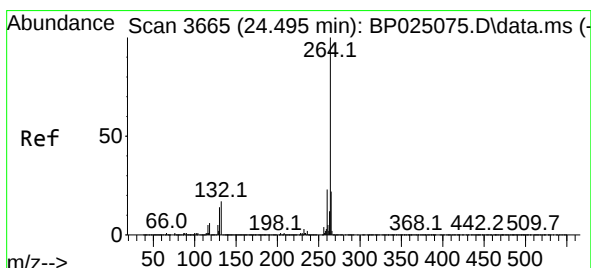
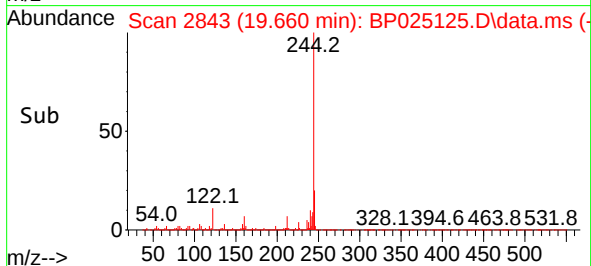
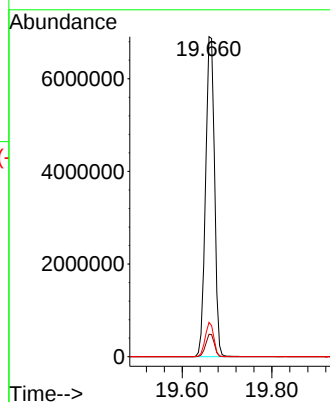
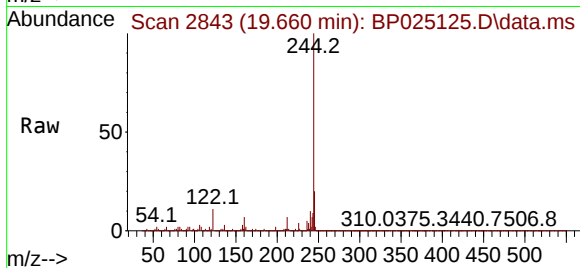
Tgt Ion:244 Resp: 9525446

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.024 min

Lab File: BP025125.D

Acq: 14 Jul 2025 18:27

Tgt Ion:264 Resp: 2585197

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.3 17.7 26.5

