

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025177.D
 Acq On : 17 Jul 2025 14:16
 Operator : CG/JU
 Sample : Q2602-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FRAC-TANK-266380

Quant Time: Jul 17 14:36:48 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)

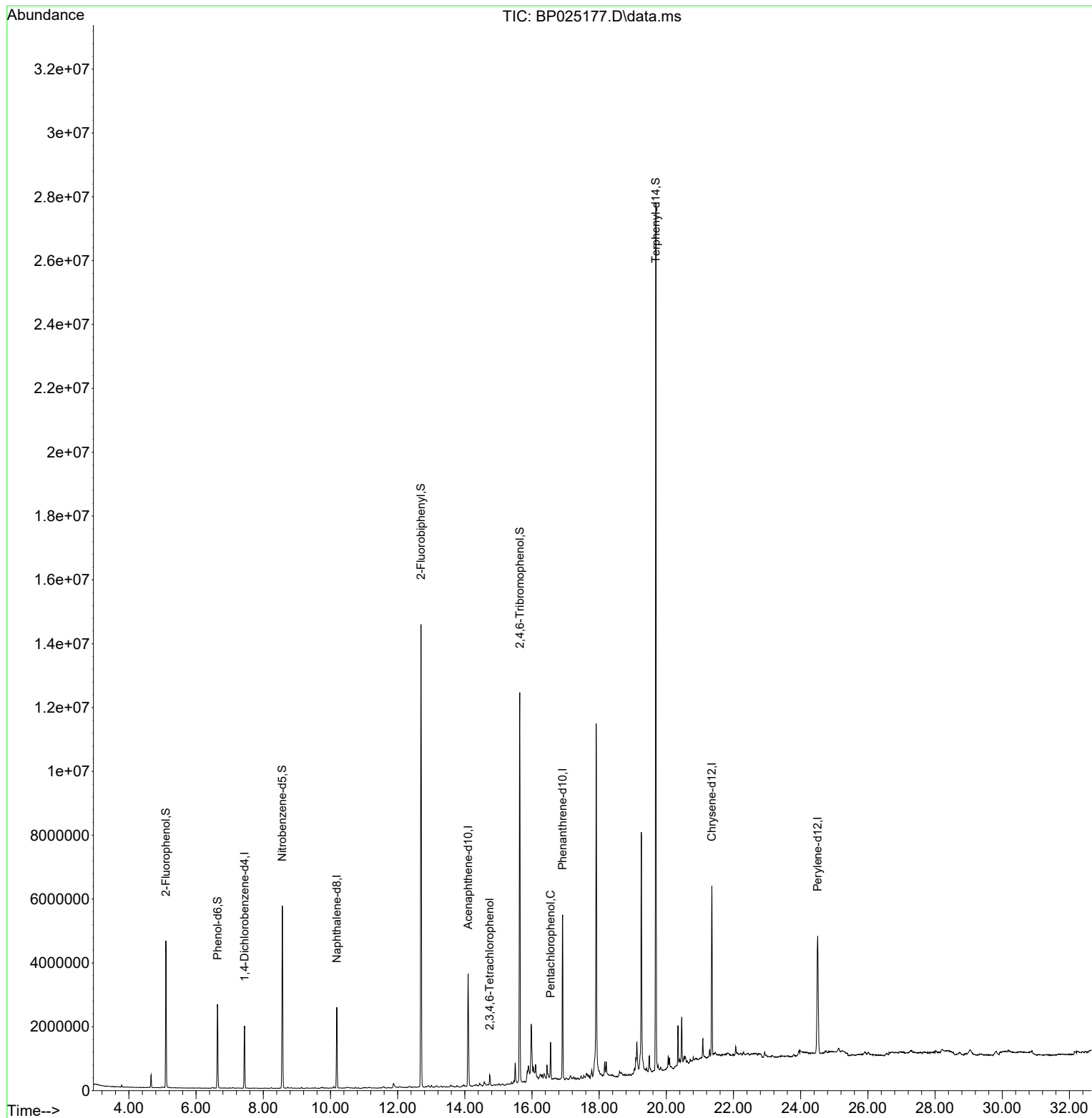
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	545141	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2095703	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1401581	20.000	ng	0.01
64) Phenanthrene-d10	16.913	188	2912310	20.000	ng	0.00
76) Chrysene-d12	21.354	240	3116345	20.000	ng	0.01
86) Perylene-d12	24.506	264	3645382	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2023826	65.780	ng	0.00
7) Phenol-d6	6.637	99	1551159	38.634	ng	0.00
23) Nitrobenzene-d5	8.566	82	3269734	103.762	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	2724874	164.572	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	8365017	92.458	ng	0.00
79) Terphenyl-d14	19.683	244	12567624	88.633	ng	0.01
Target Compounds						
59) 2,3,4,6-Tetrachlorophenol	14.742	232	63818	2.549	ng	Qvalue # 98
70) Pentachlorophenol	16.554	266	228879	9.299	ng	99

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

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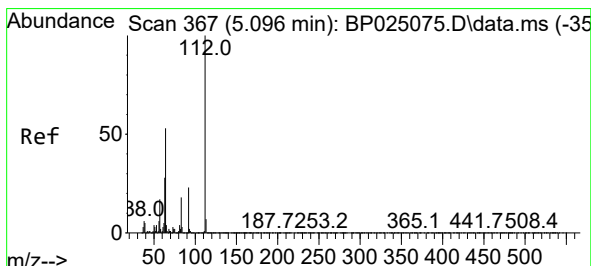
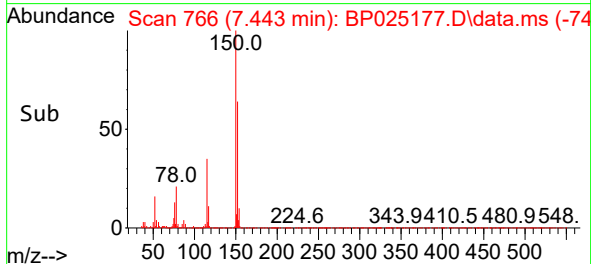
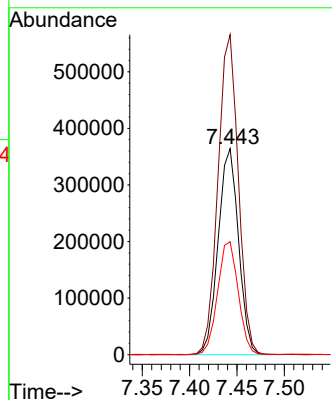
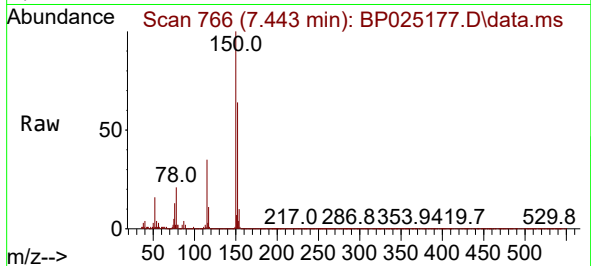




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

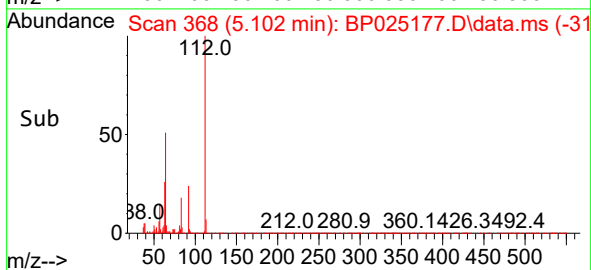
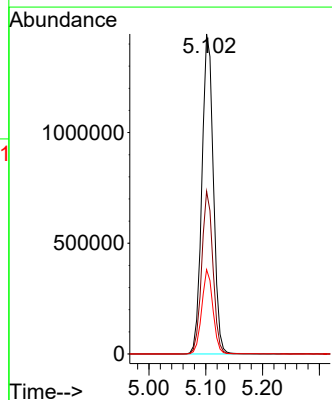
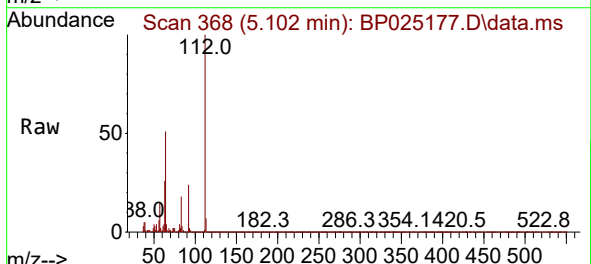
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

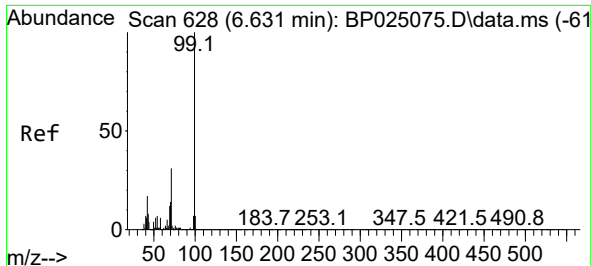
Tgt Ion:152 Resp: 545141
Ion Ratio Lower Upper
152 100
150 155.3 126.1 189.1
115 54.8 44.3 66.5



#5
2-Fluorophenol
Concen: 65.780 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

Tgt Ion:112 Resp: 2023826
Ion Ratio Lower Upper
112 100
64 50.9 42.0 63.0
63 26.3 22.2 33.2

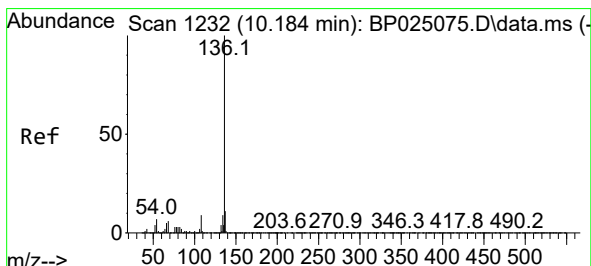
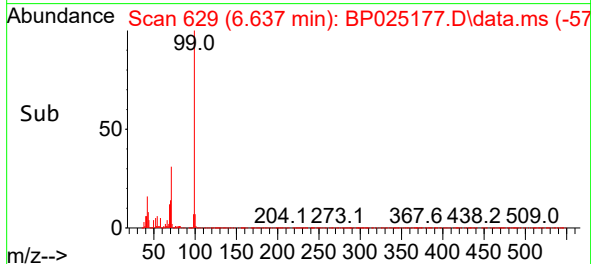
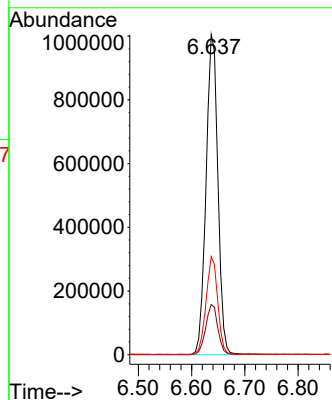
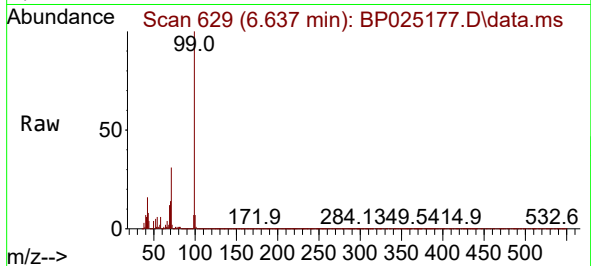




#7
Phenol-d6
Concen: 38.634 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

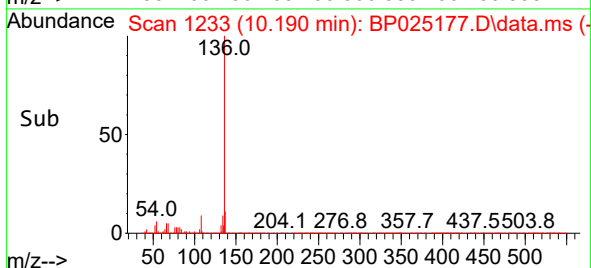
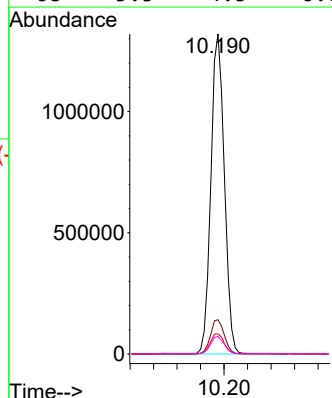
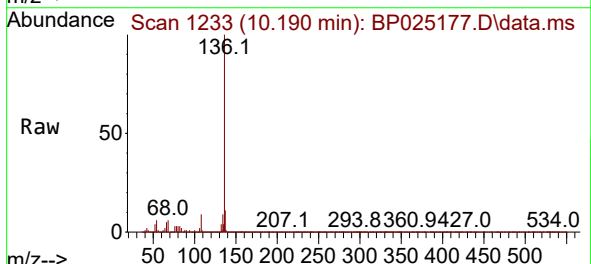
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

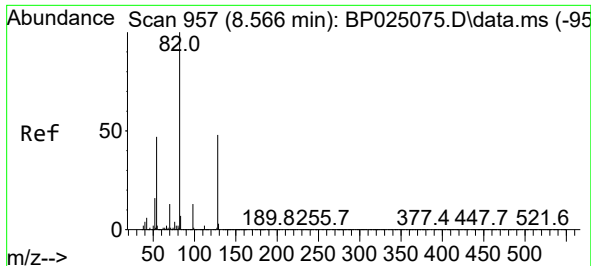
Tgt Ion: 99 Resp: 1551159
Ion Ratio Lower Upper
99 100
42 15.7 13.6 20.4
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

Tgt Ion:136 Resp: 2095703
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.2 5.4 8.2
68 5.5 4.5 6.7

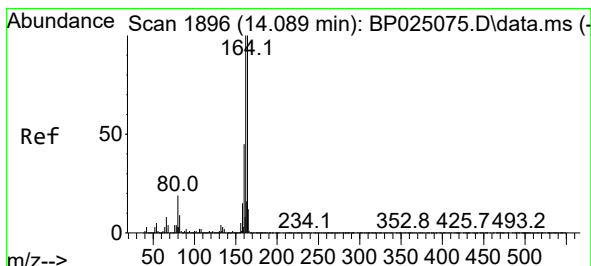
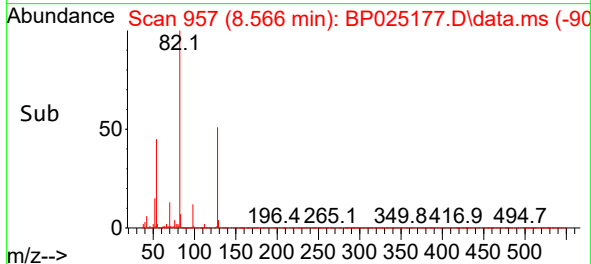
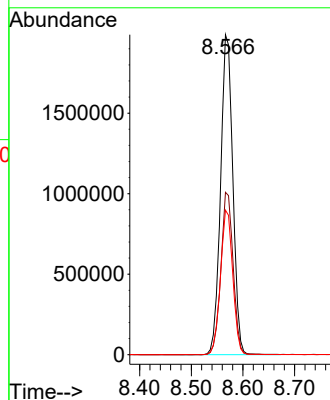
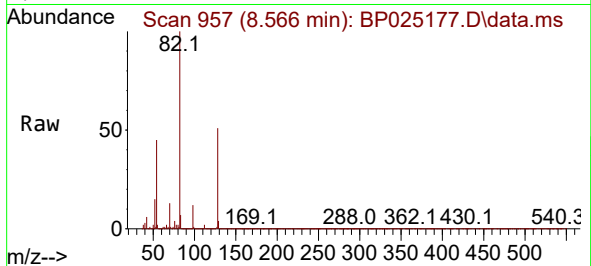




#23
Nitrobenzene-d5
Concen: 103.762 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

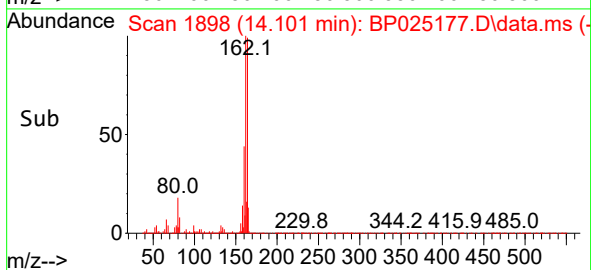
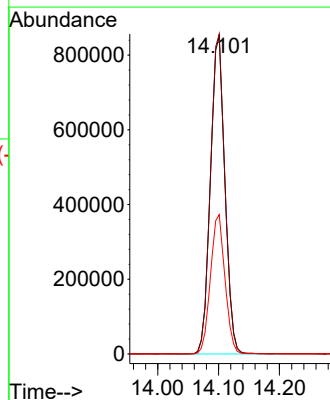
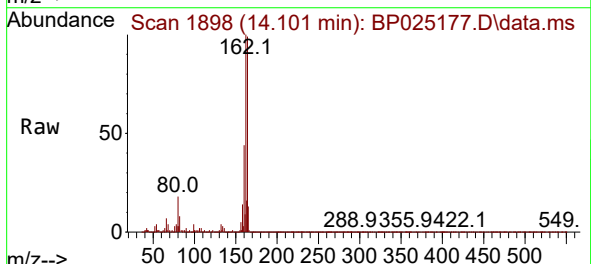
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

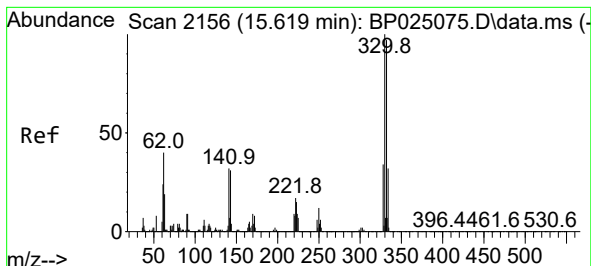
Tgt Ion: 82 Resp: 3269734
Ion Ratio Lower Upper
82 100
128 50.7 38.4 57.6
54 45.2 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

Tgt Ion:164 Resp: 1401581
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 43.9 35.9 53.9

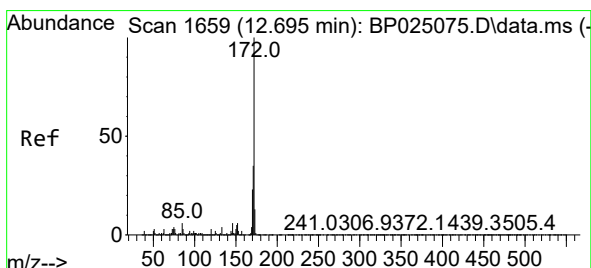
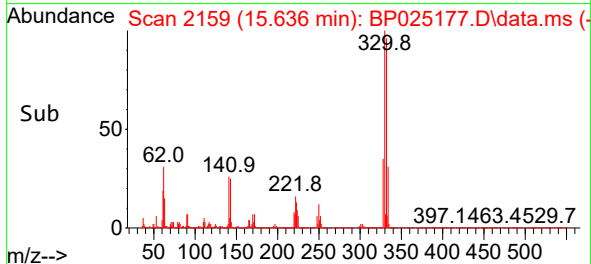
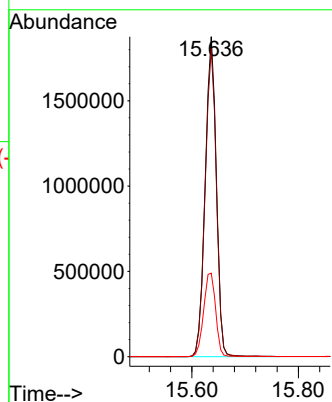
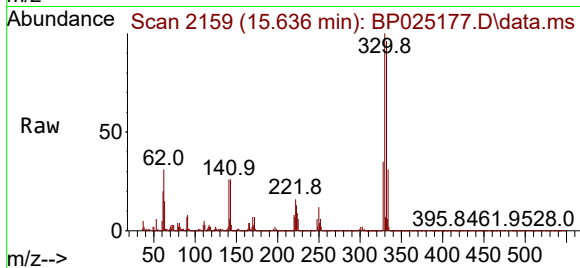




#42
2,4,6-Tribromophenol
Concen: 164.572 ng
RT: 15.636 min Scan# 2156
Delta R.T. 0.018 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

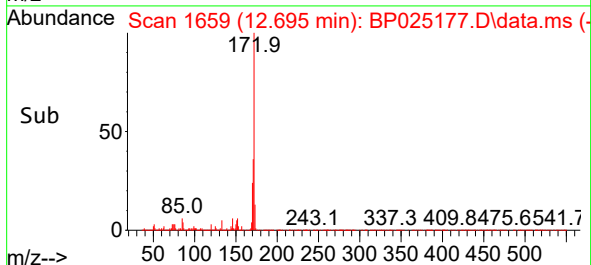
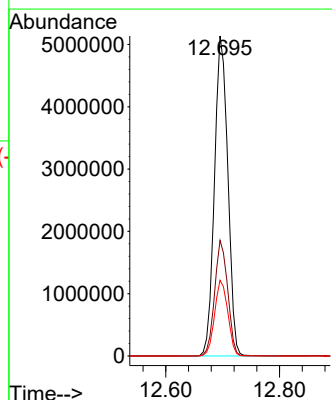
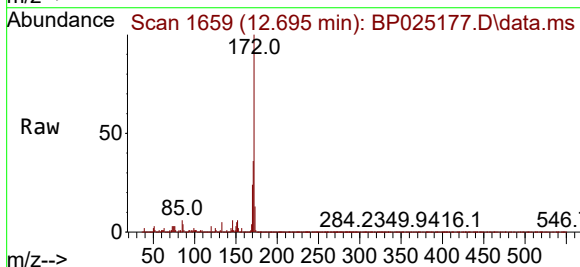
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ClientSampleId :
FRAC-TANK-266380

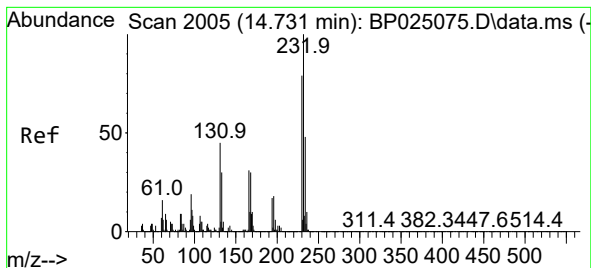
Tgt Ion:330 Resp: 2724874
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 27.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 92.458 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

Tgt Ion:172 Resp: 8365017
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.7 18.7 28.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.549 ng

RT: 14.742 min Scan# 2005

Delta R.T. 0.012 min

Lab File: BP025177.D

Acq: 17 Jul 2025 14:16

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-266380

Tgt Ion:232 Resp: 63818

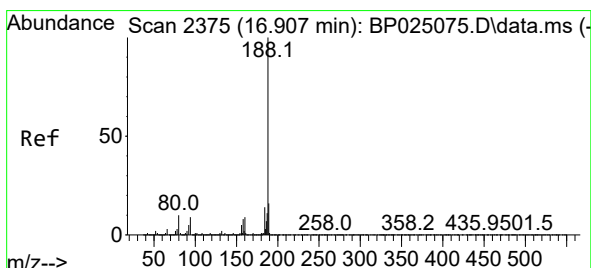
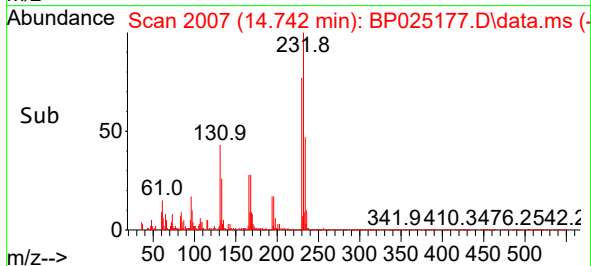
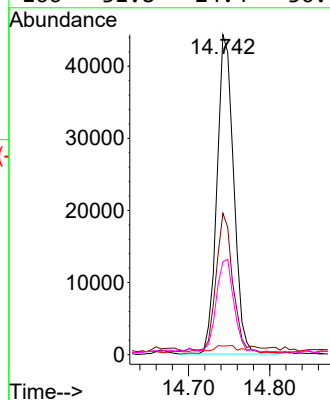
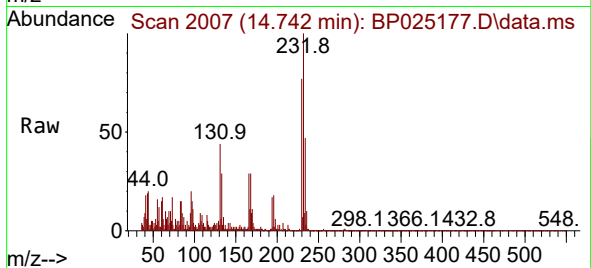
Ion Ratio Lower Upper

232 100

131 43.2 35.7 53.5

130 3.4 1.8 2.6#

166 31.8 24.4 36.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2376

Delta R.T. 0.006 min

Lab File: BP025177.D

Acq: 17 Jul 2025 14:16

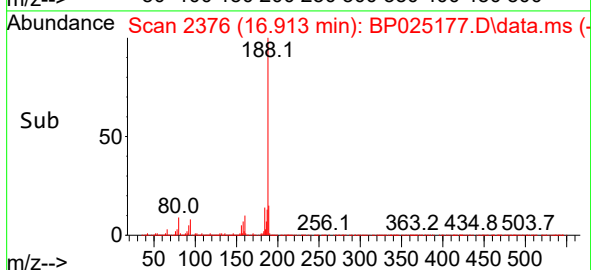
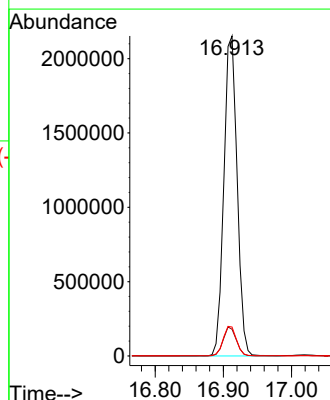
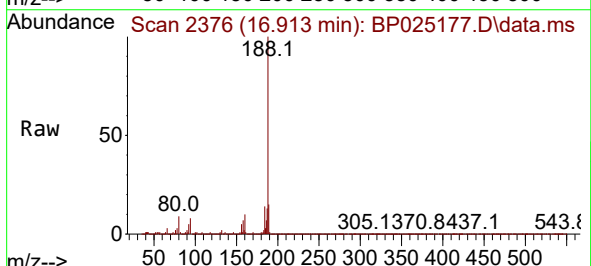
Tgt Ion:188 Resp: 2912310

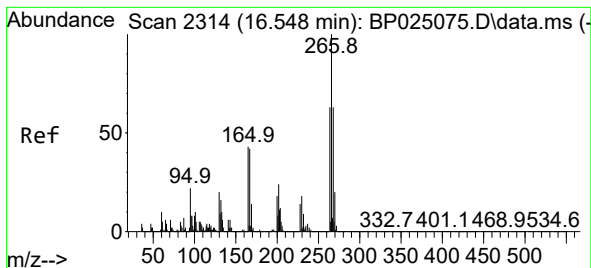
Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

80 9.1 7.8 11.6

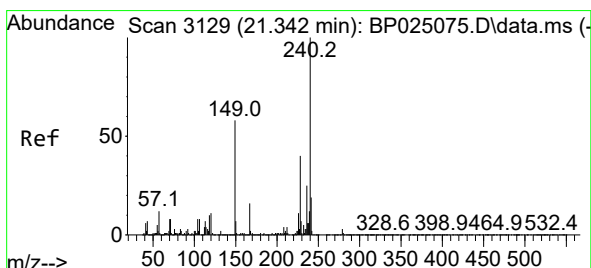
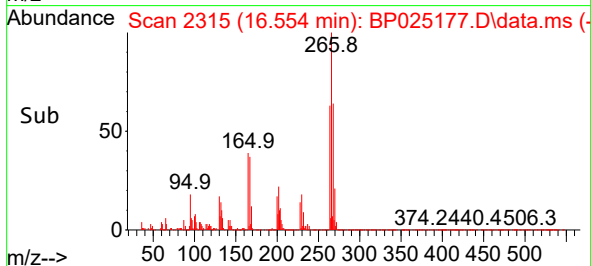
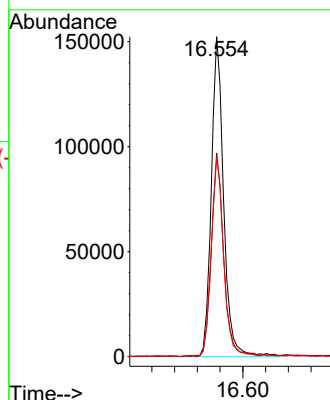
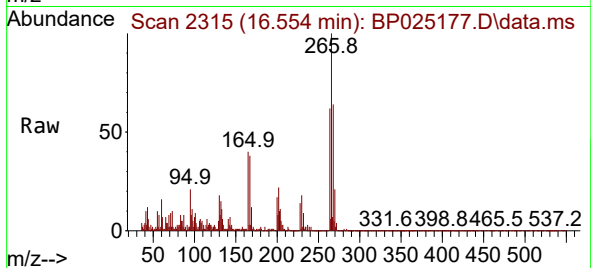




#70
 Pentachlorophenol
 Concen: 9.299 ng
 RT: 16.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025177.D
 Acq: 17 Jul 2025 14:16

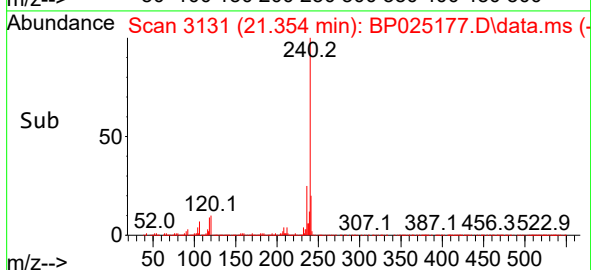
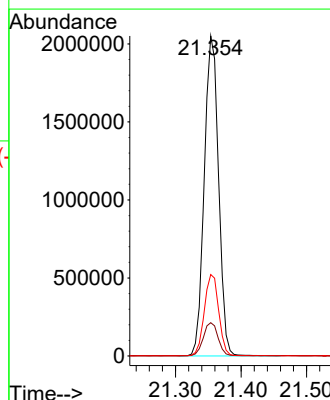
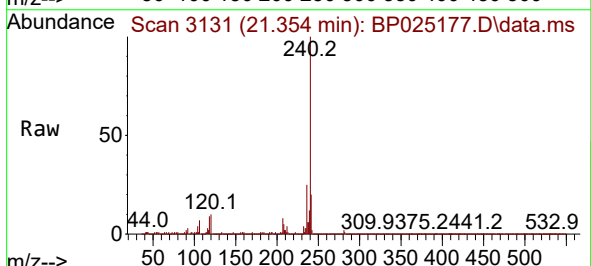
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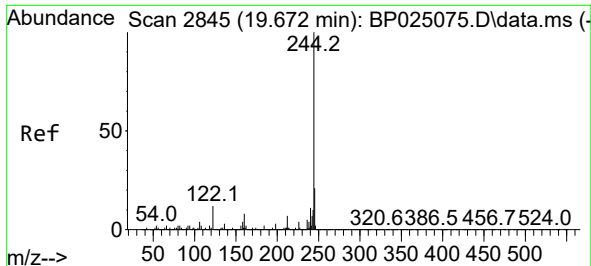
Tgt Ion:266 Resp: 228879
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.4 75.6
 264 62.5 50.2 75.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.354 min Scan# 3131
 Delta R.T. 0.012 min
 Lab File: BP025177.D
 Acq: 17 Jul 2025 14:16

Tgt Ion:240 Resp: 3116345
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.0 13.4
 236 25.5 20.3 30.5

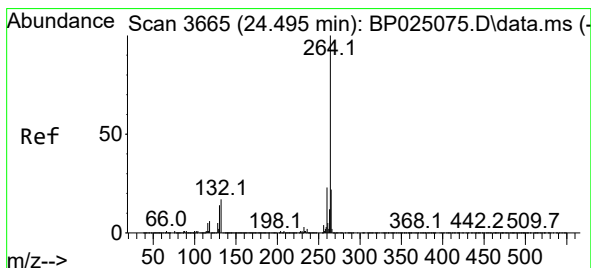
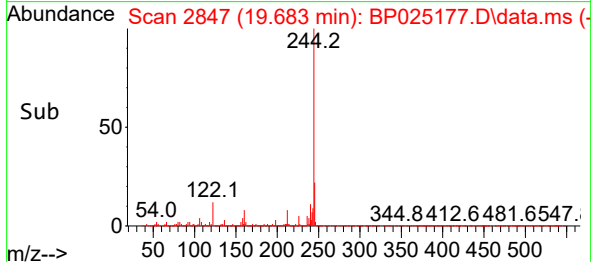
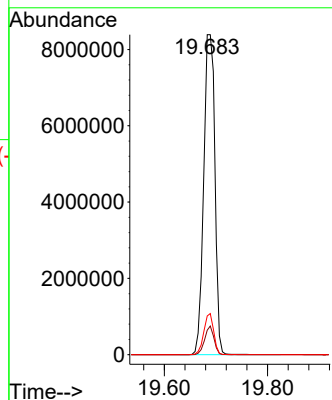
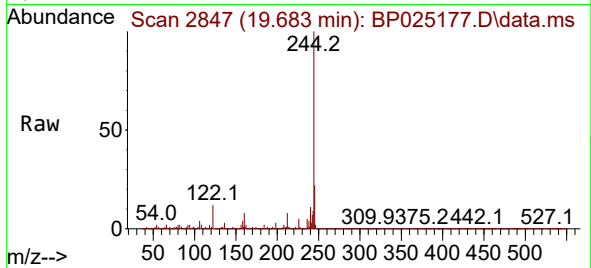




#79
 Terphenyl-d14
 Concen: 88.633 ng
 RT: 19.683 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP025177.D
 Acq: 17 Jul 2025 14:16

Instrument :
 BNA_P
 ClientSampleId :
 FRAC-TANK-266380

Tgt Ion:244 Resp:12567624
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 12.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.506 min Scan# 3667
 Delta R.T. 0.012 min
 Lab File: BP025177.D
 Acq: 17 Jul 2025 14:16

Tgt Ion:264 Resp: 3645382
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.8 17.7 26.5

