

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)

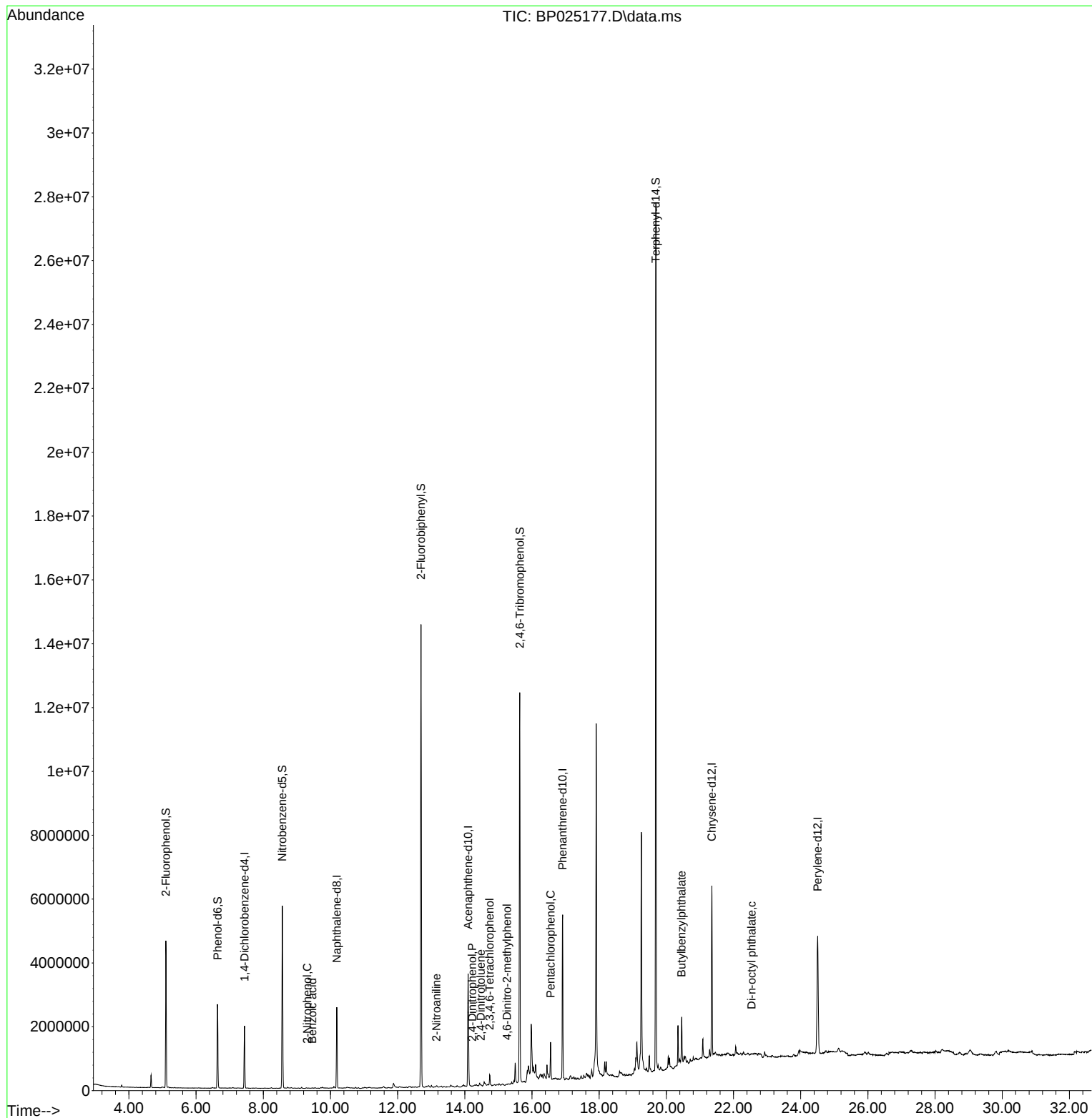
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	545141	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2095703	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1401581	20.000	ng	0.01
64) Phenanthrene-d10	16.913	188	2912310	20.000	ng	0.00
76) Chrysene-d12	21.354	240	3116345	20.000	ng	0.01
86) 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						
					Qvalue	
26) 2-Nitrophenol	9.307	139	120	3.309	ng	# 1
32) Benzoic acid	9.454	122	4080	6.365	ng	# 89
48) 2-Nitroaniline	13.154	65	1016	2.815	ng	# 30
54) 2,4-Dinitrophenol	14.219	184	438	5.429	ng	# 6
57) 2,4-Dinitrotoluene	14.478	165	896	2.667	ng	# 68
59) 2,3,4,6-Tetrachlorophenol	14.742	232	63818	2.549	ng	# 98
65) 4,6-Dinitro-2-methylph...	15.260	198	160	5.589	ng	# 1
70) Pentachlorophenol	16.554	266	228879	9.299	ng	99
80) Butylbenzylphthalate	20.454	149	16804	3.891	ng	# 1
85) Di-n-octyl phthalate	22.536	149	3500	6.115	ng	# 1

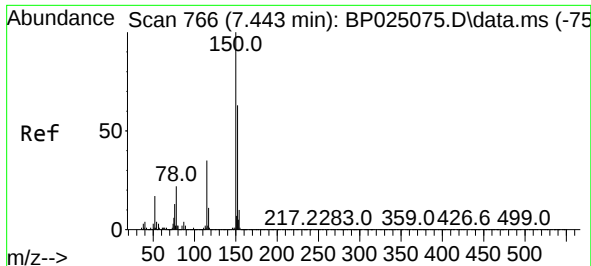
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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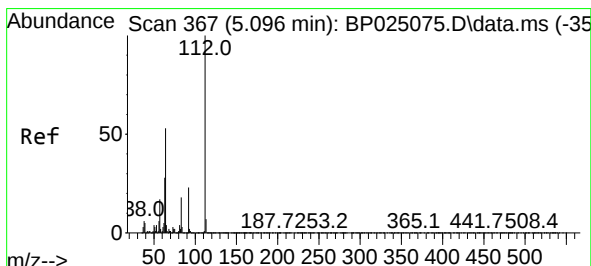
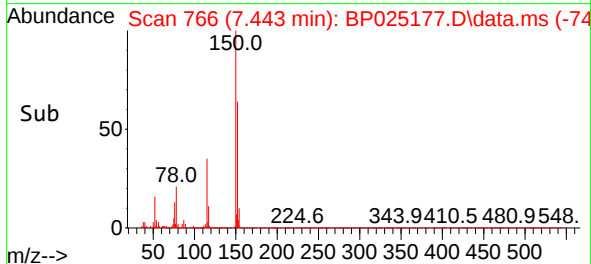
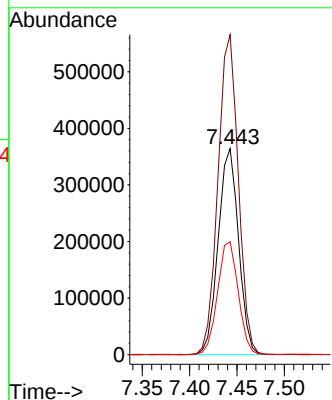
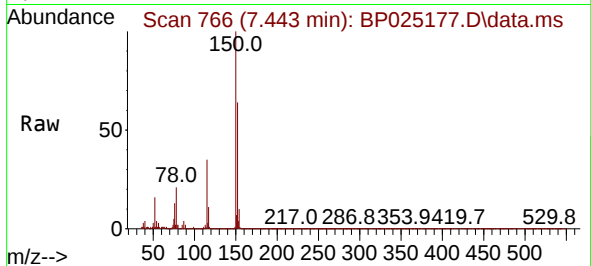




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

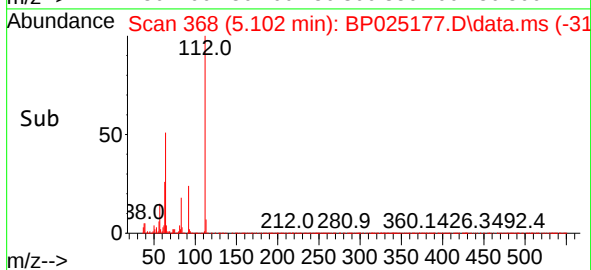
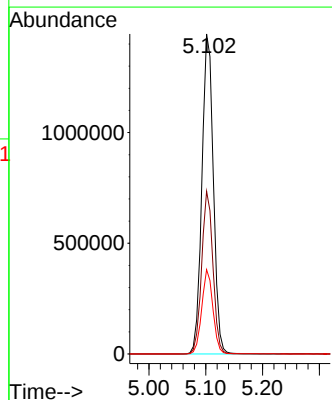
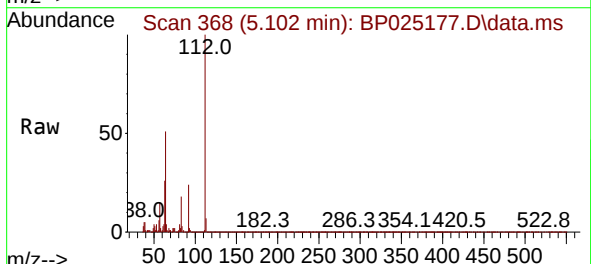
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BNA_P
ClientSampleId :
FRAC-TANK-266380

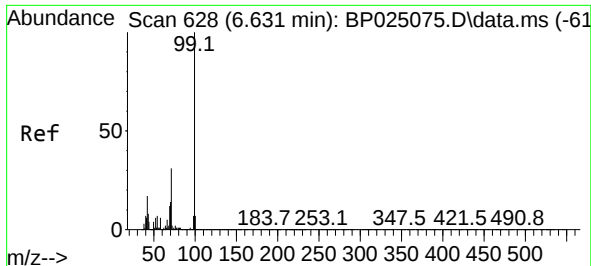
Tgt Ion:152 Resp: 545141
Ion Ratio Lower Upper
152 100
150 155.3 126.1 189.1
115 54.8 44.3 66.5



#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

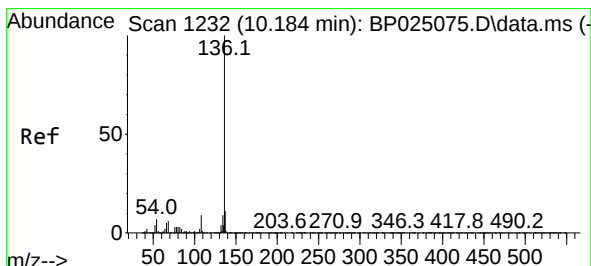
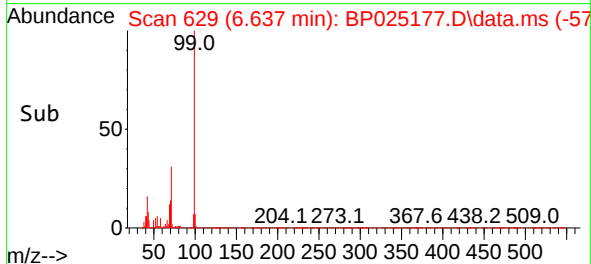
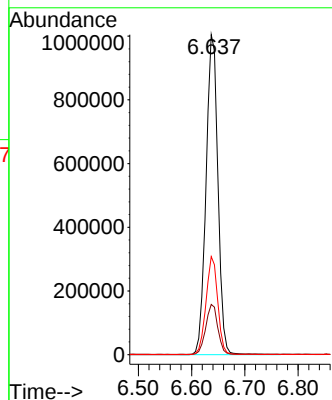
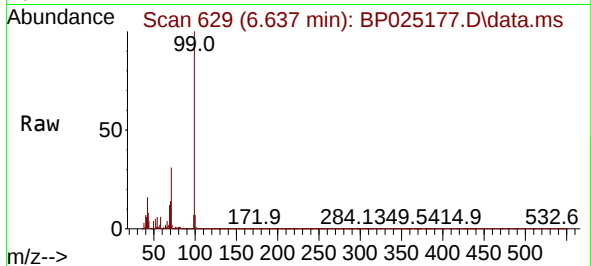




#7
Phenol-d6
Concen: 38.634 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

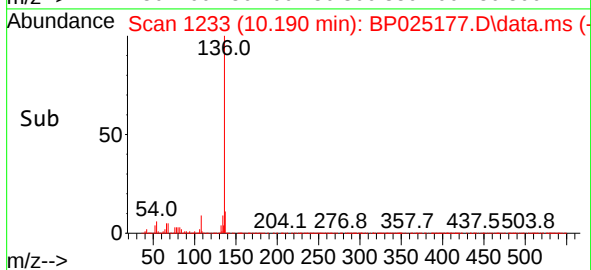
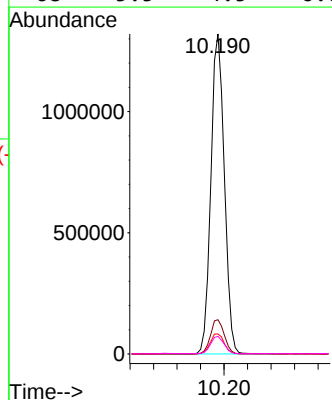
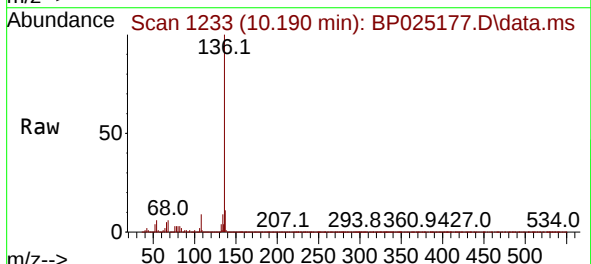
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

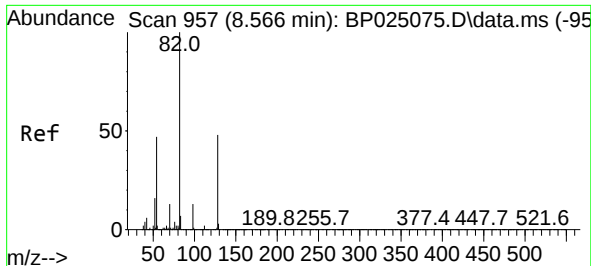
Tgt Ion: 99 Resp: 1551159
Ion Ratio Lower Upper
99 100
42 15.7 13.6 20.4
71 30.7 24.4 36.6



#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

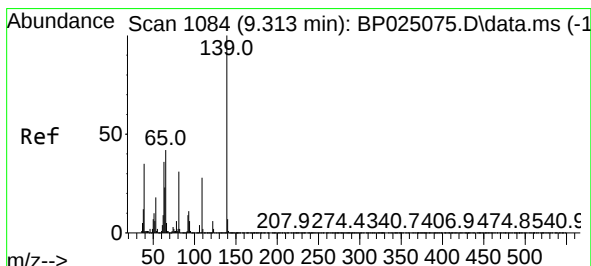
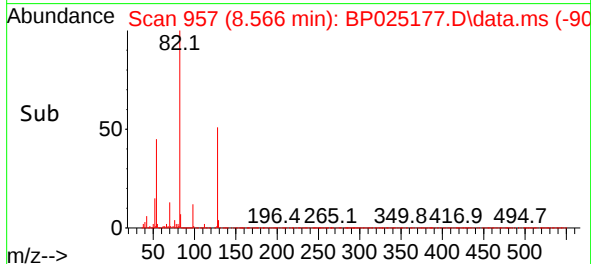
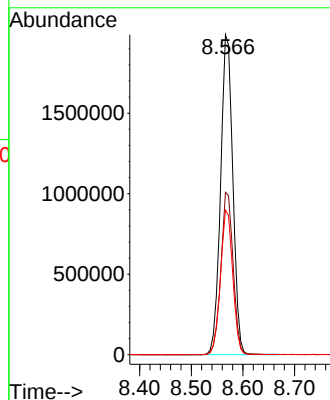
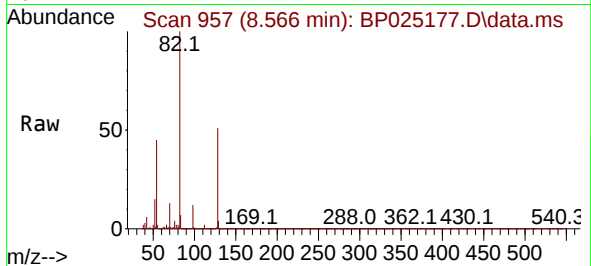




#23
Nitrobenzene-d5
Concen: 103.762 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

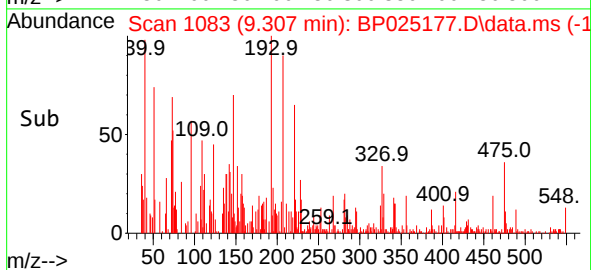
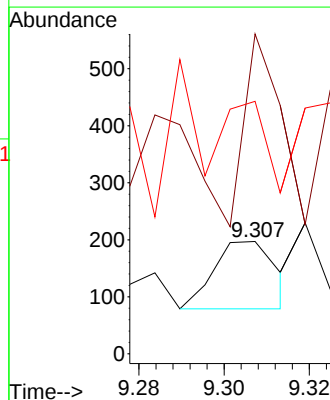
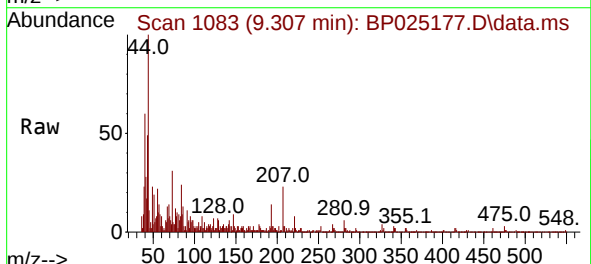
Instrument :
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ClientSampleId :
FRAC-TANK-266380

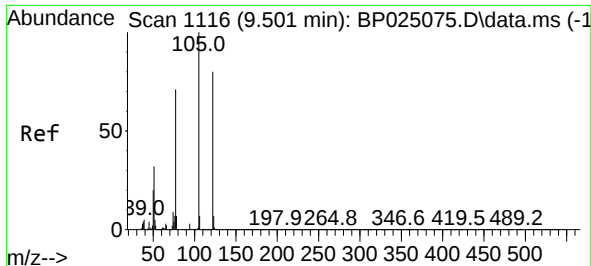
Tgt Ion: 82 Resp: 3269734
Ion Ratio Lower Upper
82 100
128 50.7 38.4 57.6
54 45.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.309 ng
RT: 9.307 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

Tgt Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 284.8 22.3 33.5#
65 224.9 33.8 50.8#

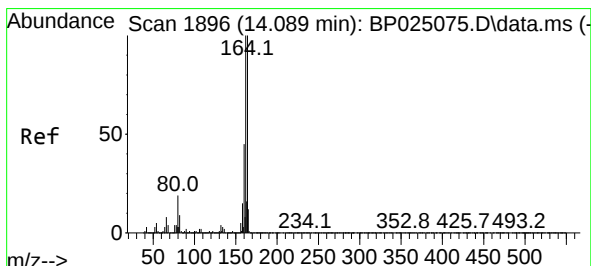
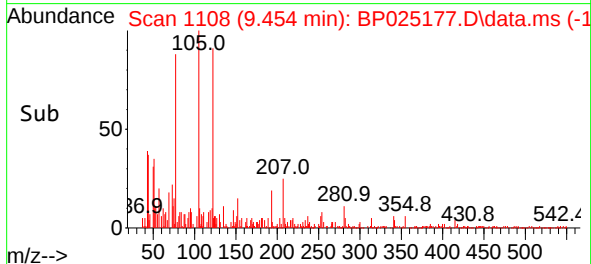
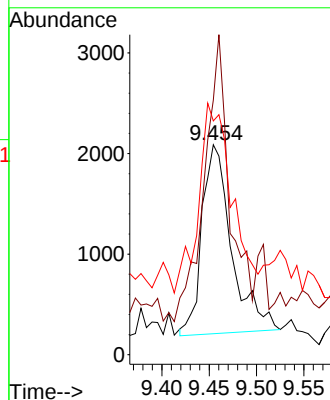
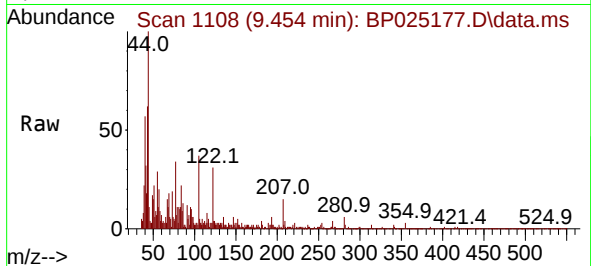




#32
Benzoic acid
Concen: 6.365 ng
RT: 9.454 min Scan# 1116
Delta R.T. -0.047 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

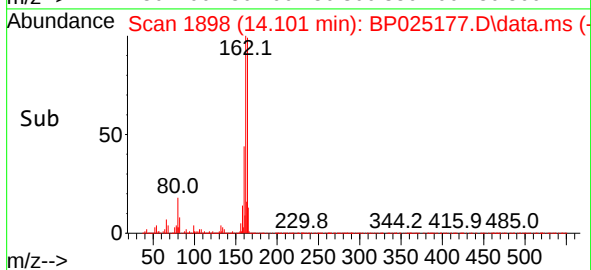
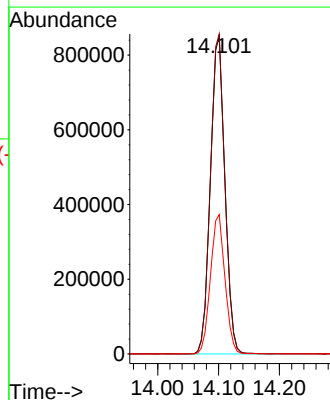
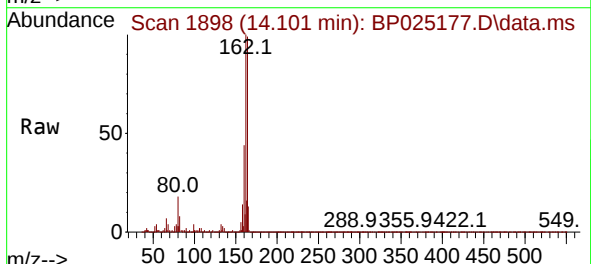
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BNA_P
ClientSampleId :
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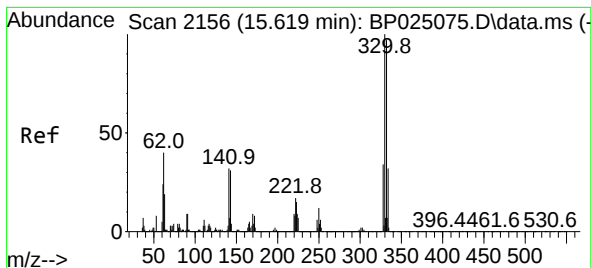
Tgt Ion:122 Resp: 4080
Ion Ratio Lower Upper
122 100
105 121.2 101.0 141.0
77 111.4 67.6 107.6#



#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

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-266380

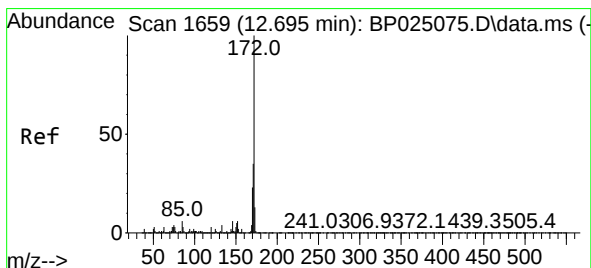
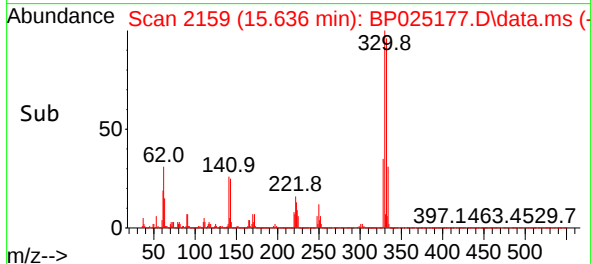
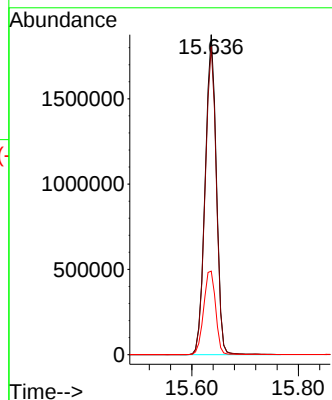
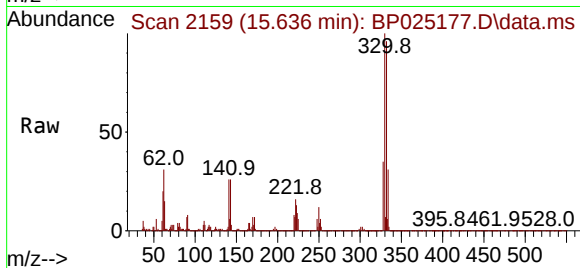
Tgt Ion:330 Resp: 2724874

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

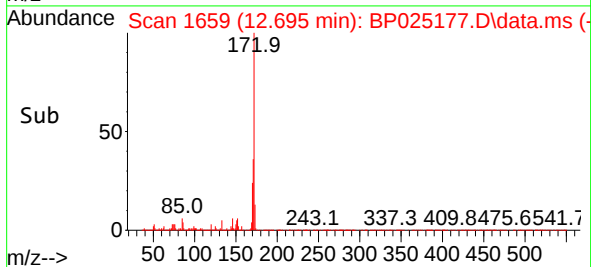
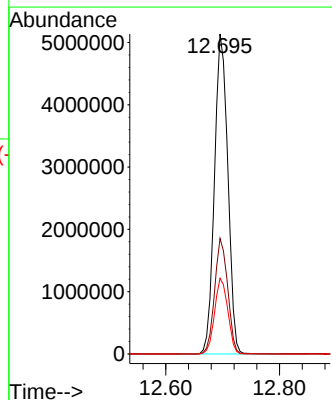
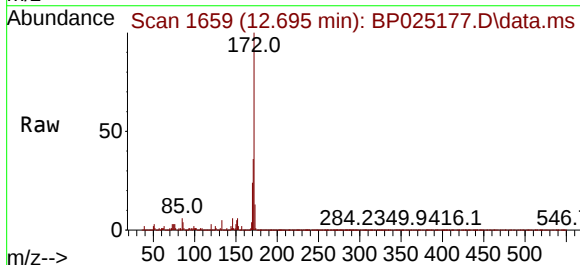
Tgt Ion:172 Resp: 8365017

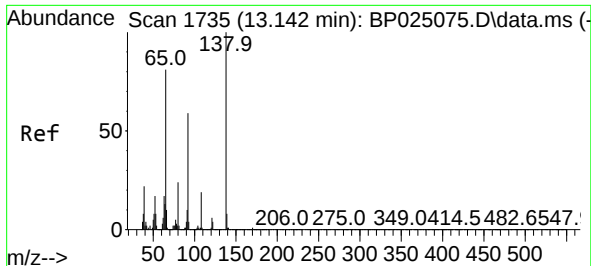
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

170 23.7 18.7 28.1

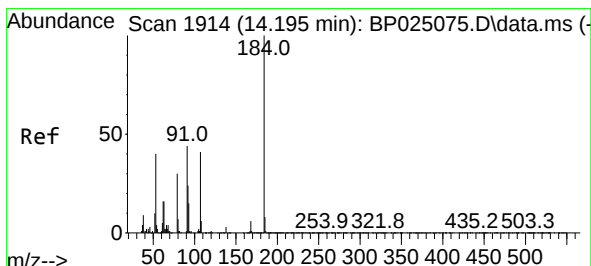
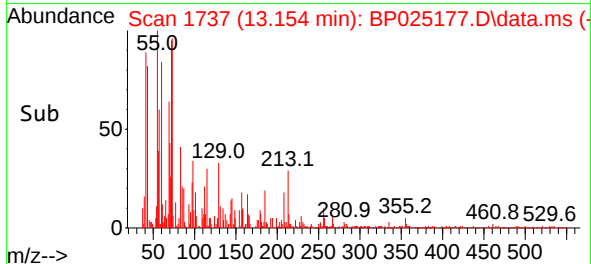
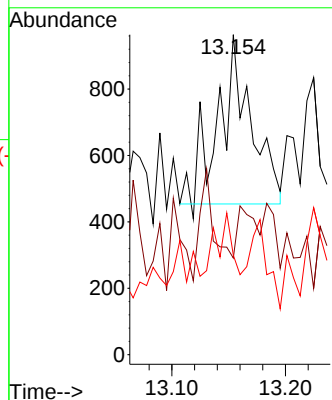
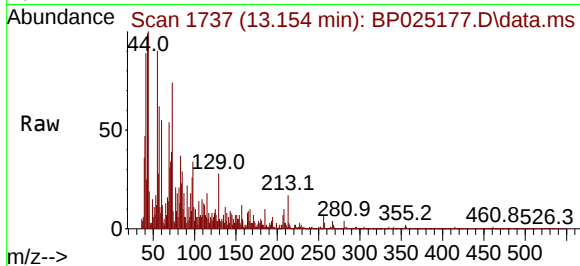




#48
2-Nitroaniline
Concen: 2.815 ng
RT: 13.154 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

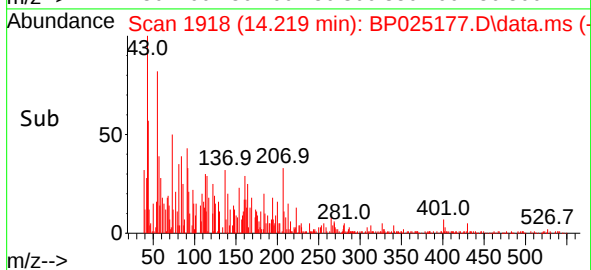
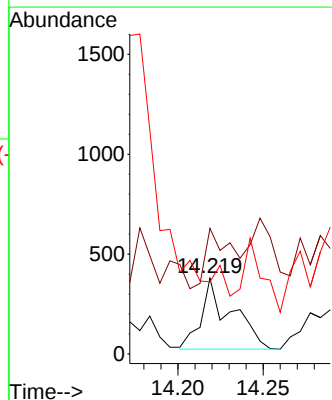
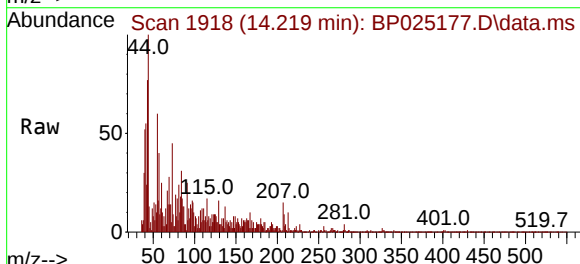
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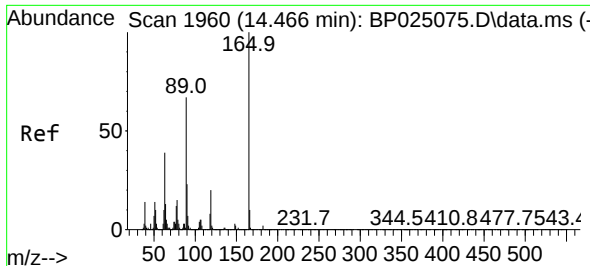
Tgt Ion: 65 Resp: 1016
Ion Ratio Lower Upper
65 100
92 30.2 58.7 88.1#
138 31.1 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.429 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

Tgt Ion:184 Resp: 438
Ion Ratio Lower Upper
184 100
63 166.0 47.4 71.0#
154 95.3 47.8 71.8#

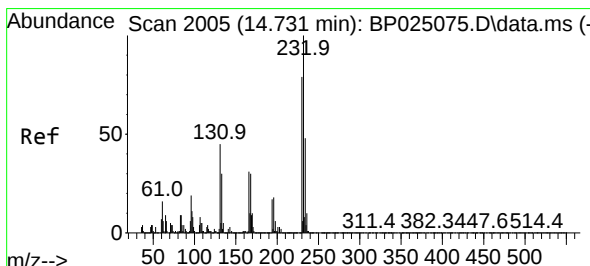
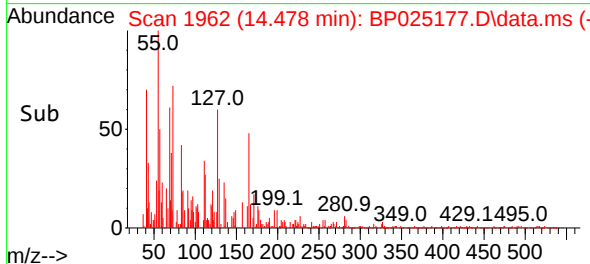
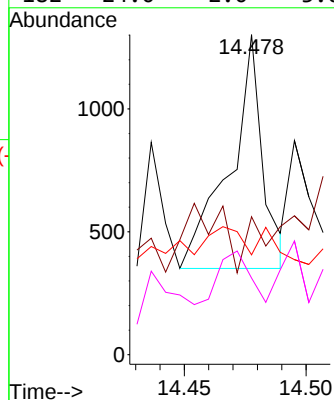
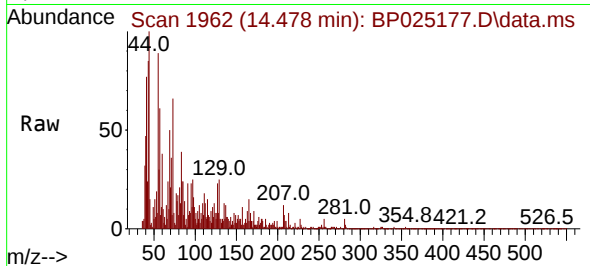




#57
2,4-Dinitrotoluene
Concen: 2.667 ng
RT: 14.478 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

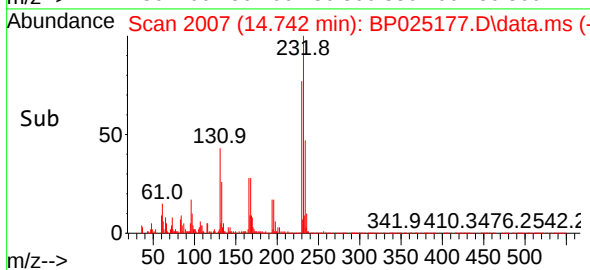
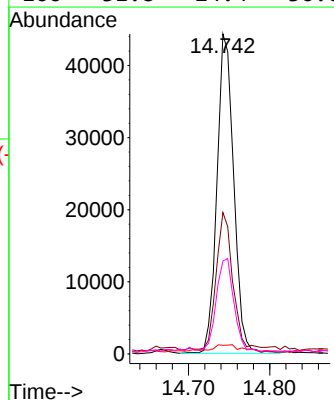
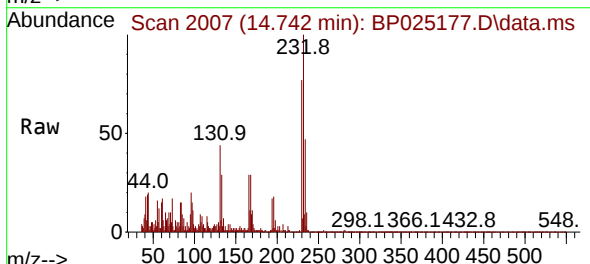
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

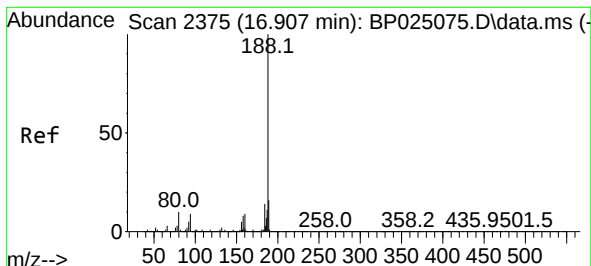
Tgt Ion:	165	Resp:	896
Ion Ratio	Lower	Upper	
165	100		
63	43.1	31.0	46.4
89	31.2	53.4	80.0#
182	24.0	2.0	3.0#



#59
2,3,4,6-Tetrachlorophenol
Concen: 2.549 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025177.D
Acq: 17 Jul 2025 14:16

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# 21

Delta R.T. 0.006 min

Lab File: BP025177.D

Acq: 17 Jul 2025 14:16

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-266380

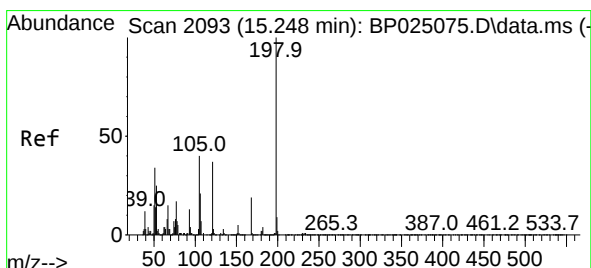
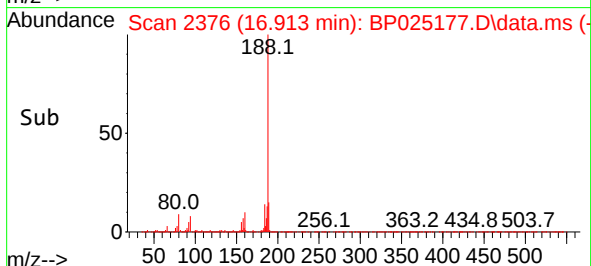
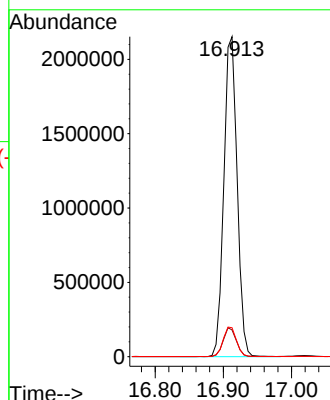
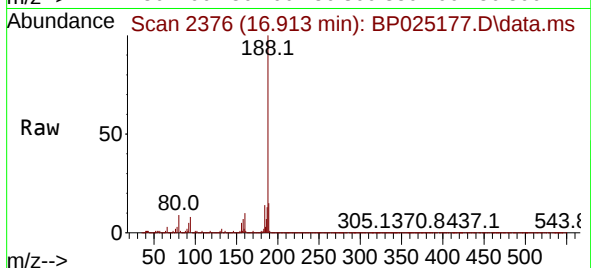
Tgt Ion:188 Resp: 2912310

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

80 9.1 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.589 ng

RT: 15.260 min Scan# 2095

Delta R.T. 0.012 min

Lab File: BP025177.D

Acq: 17 Jul 2025 14:16

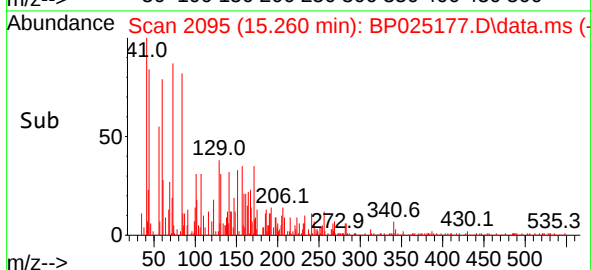
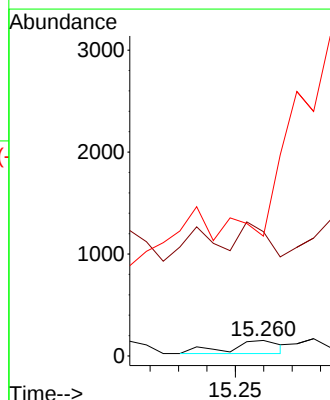
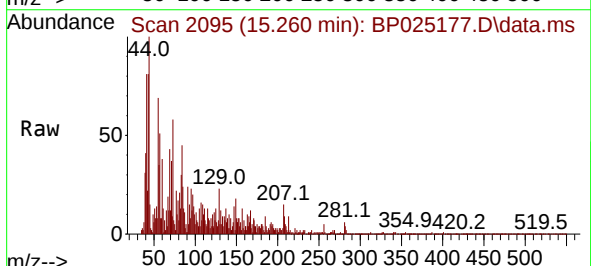
Tgt Ion:198 Resp: 160

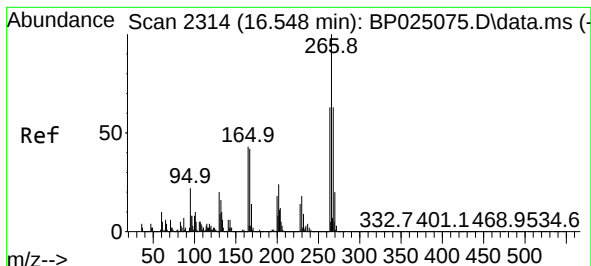
Ion Ratio Lower Upper

198 100

51 802.6 16.8 56.8#

105 773.7 20.8 60.8#





#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

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-266380

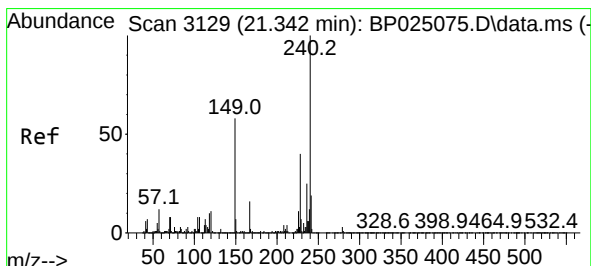
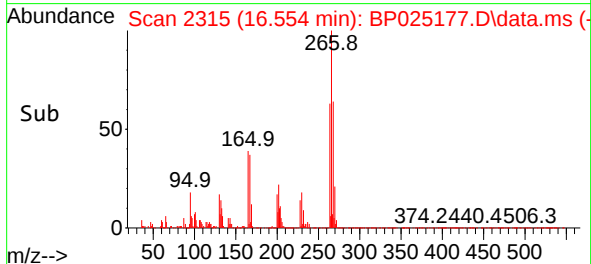
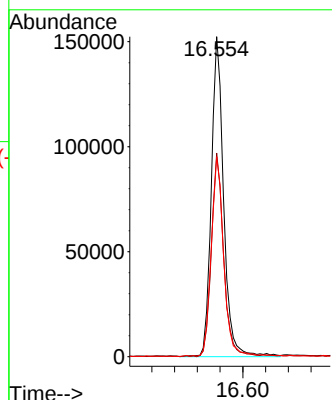
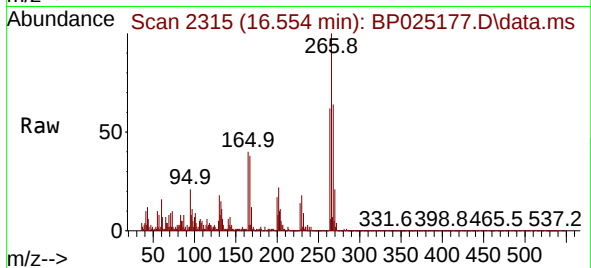
Tgt Ion:266 Resp: 228879

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

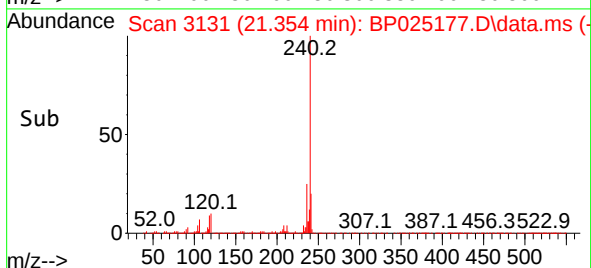
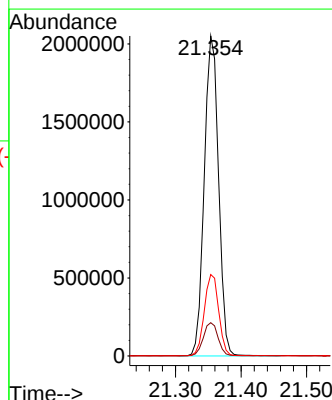
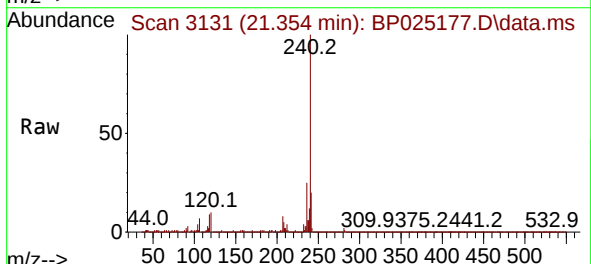
Tgt Ion:240 Resp: 3116345

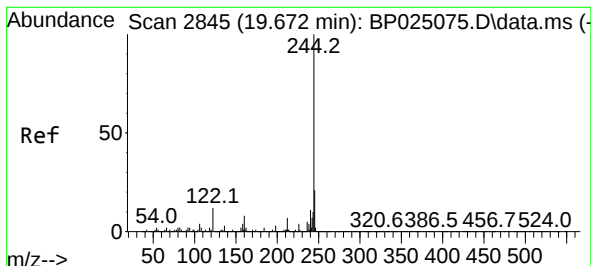
Ion Ratio Lower Upper

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

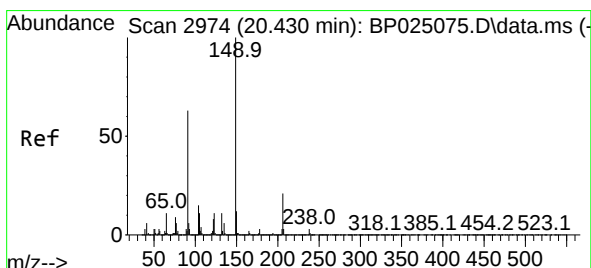
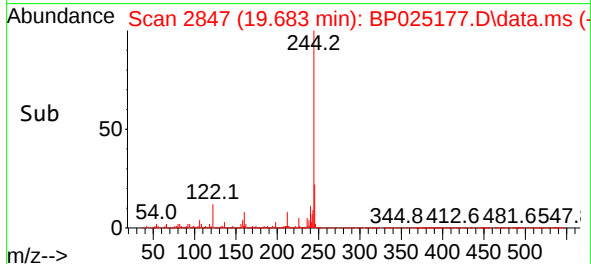
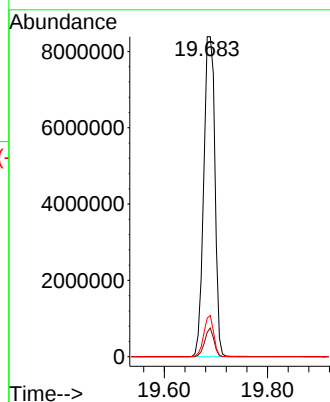
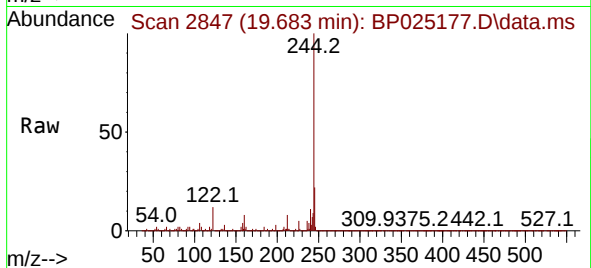
Tgt Ion:244 Resp:12567624

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 12.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.891 ng

RT: 20.454 min Scan# 2978

Delta R.T. 0.024 min

Lab File: BP025177.D

Acq: 17 Jul 2025 14:16

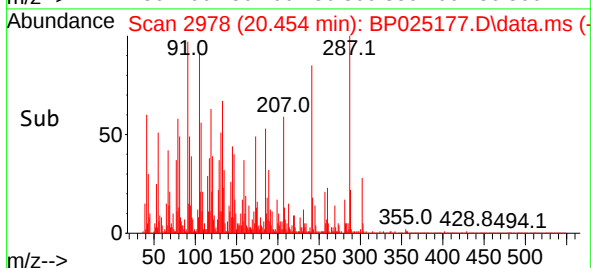
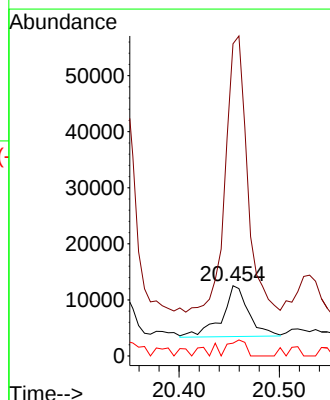
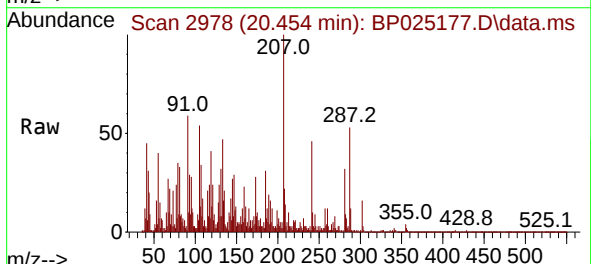
Tgt Ion:149 Resp: 16804

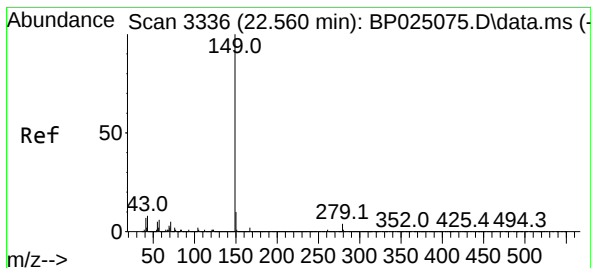
Ion Ratio Lower Upper

149 100

91 444.8 50.6 76.0#

206 18.2 17.2 25.8





#85

Di-n-octyl phthalate

Concen: 6.115 ng

RT: 22.536 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025177.D

Acq: 17 Jul 2025 14:16

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-266380

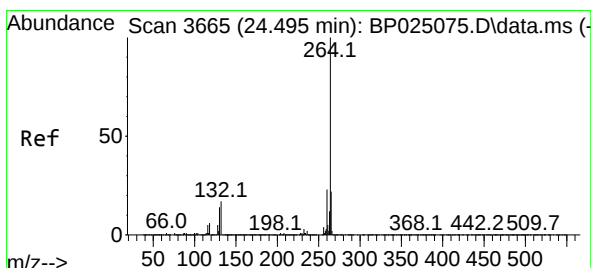
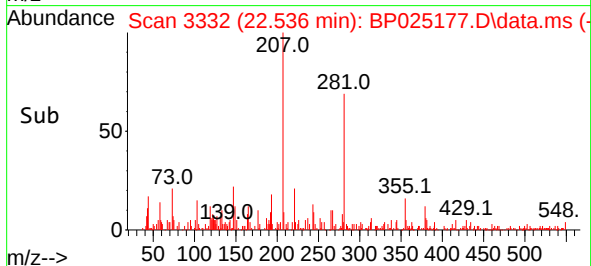
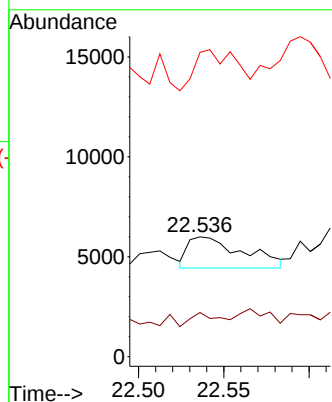
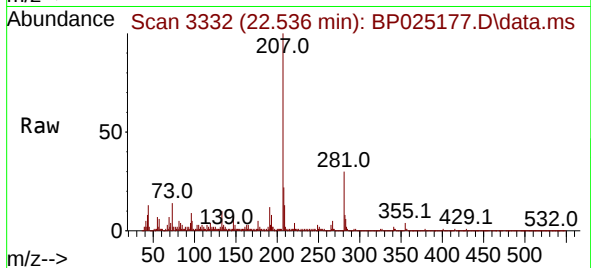
Tgt Ion:149 Resp: 3500

Ion Ratio Lower Upper

149 100

167 23.2 1.3 1.9#

43 98.2 6.9 10.3#



#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

