

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025573.D
 Acq On : 25 Aug 2025 20:33
 Operator : CG/JU
 Sample : Q2949-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 367

Quant Time: Aug 26 01:16:34 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)

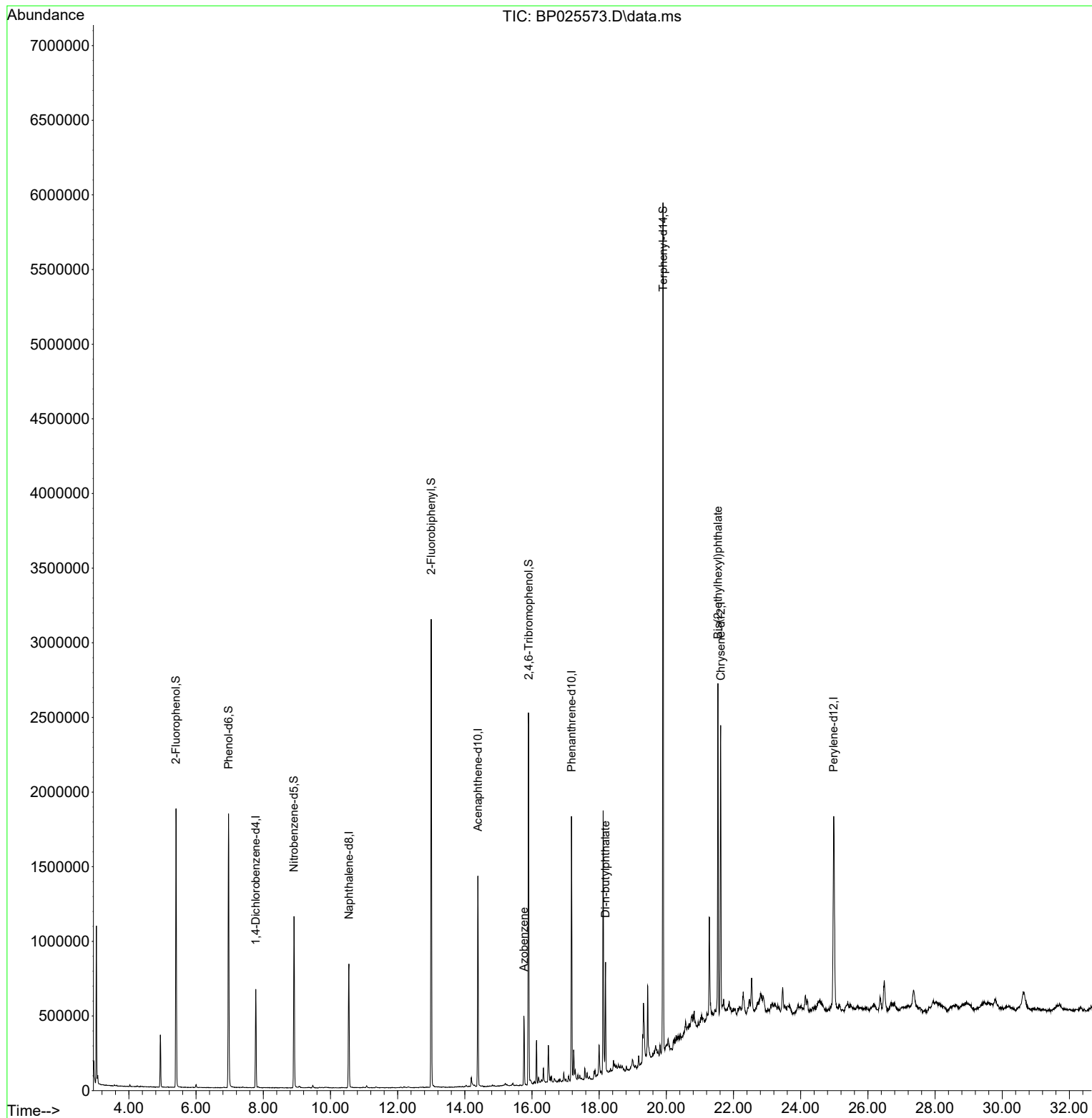
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	185937	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	728756	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	477325	20.000	ng	-0.02
64) Phenanthrene-d10	17.177	188	1014920	20.000	ng	-0.02
76) Chrysene-d12	21.618	240	1126109	20.000	ng	-0.03
86) Perylene-d12	24.983	264	1285667	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	830866	74.209	ng	0.00
7) Phenol-d6	6.966	99	1082896	75.439	ng	0.00
23) Nitrobenzene-d5	8.913	82	676488	46.957	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	542550	84.446	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	1613228	46.190	ng	-0.02
79) Terphenyl-d14	19.901	244	2963637	48.150	ng	-0.02
Target Compounds						
63) Azobenzene	15.760	77	137769	4.530	ng	Qvalue # 1
74) Di-n-butylphthalate	18.189	149	540660	8.194	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1007831	20.639	ng	100

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

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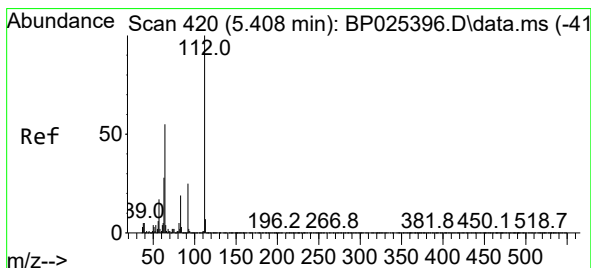
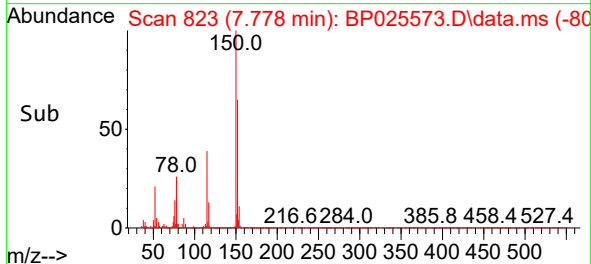
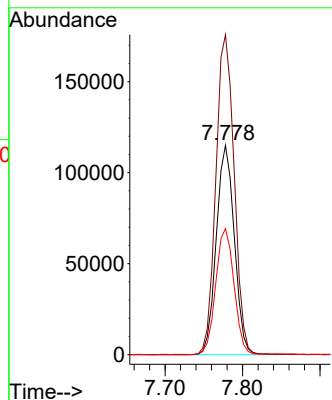
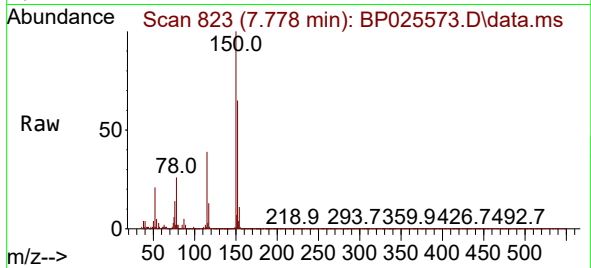




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

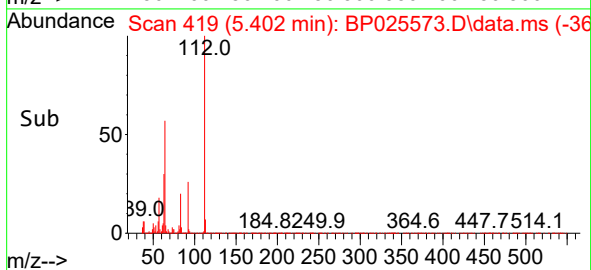
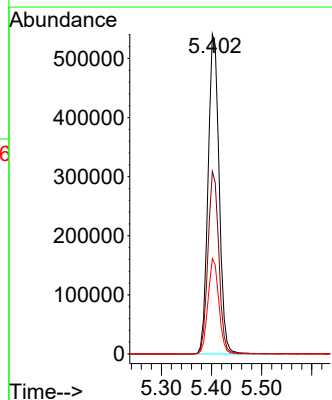
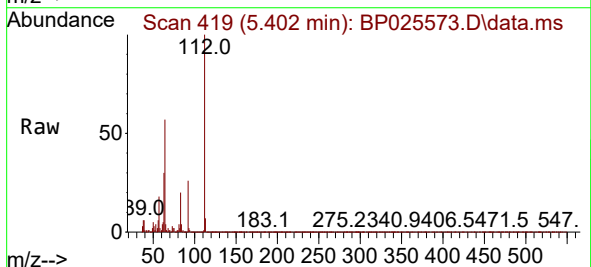
Instrument :
BNA_P
ClientSampleId :
367

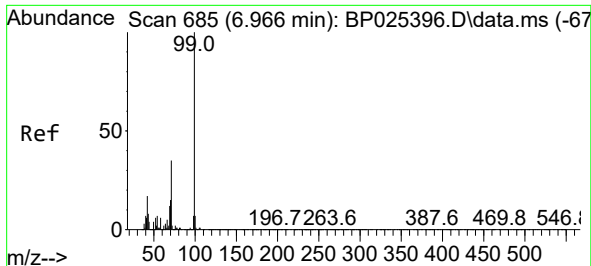
Tgt Ion:152 Resp: 185937
Ion Ratio Lower Upper
152 100
150 152.8 125.9 188.9
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 74.209 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

Tgt Ion:112 Resp: 830866
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 29.8 22.7 34.1

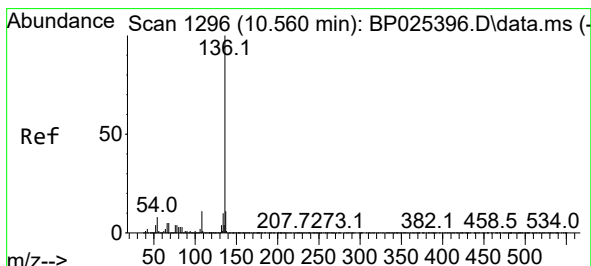
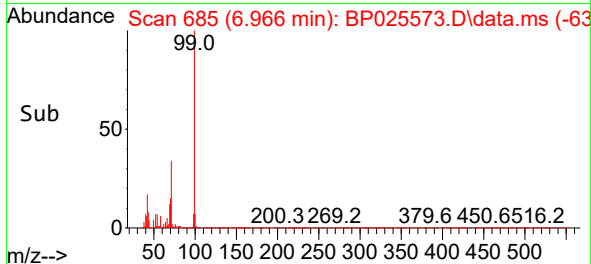
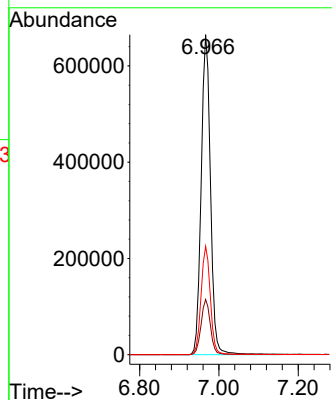
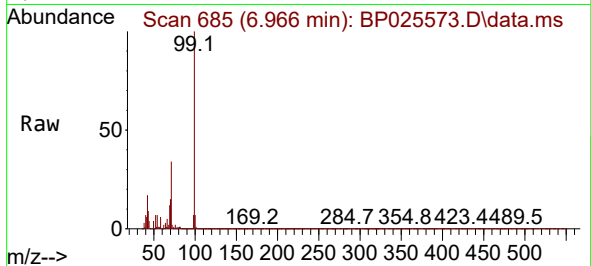




#7
Phenol-d6
Concen: 75.439 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

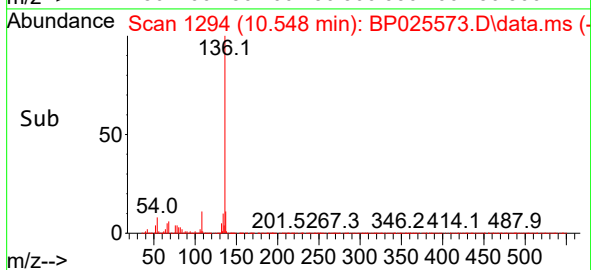
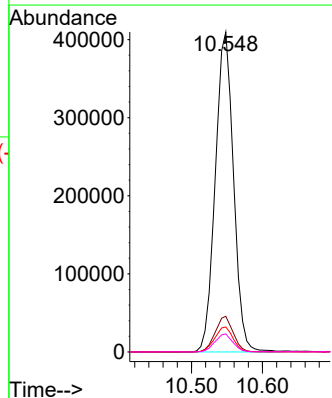
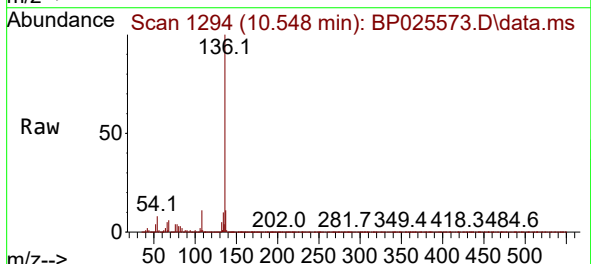
Instrument :
BNA_P
ClientSampleId :
367

Tgt Ion: 99 Resp: 1082896
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 33.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

Tgt Ion: 136 Resp: 728756
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.8 6.0 9.0
68 5.7 4.3 6.5

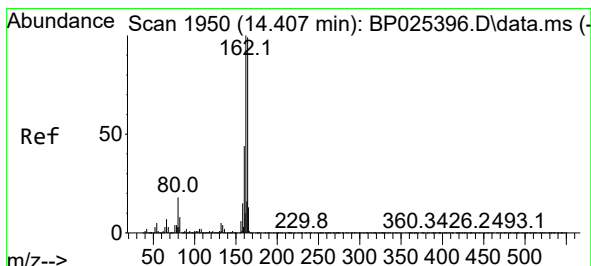
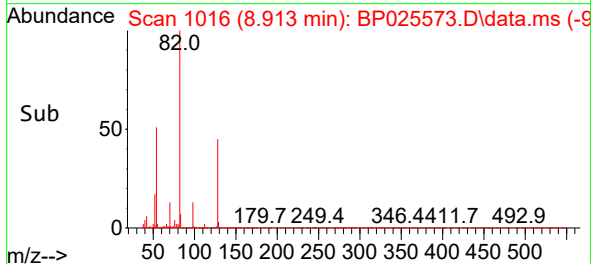
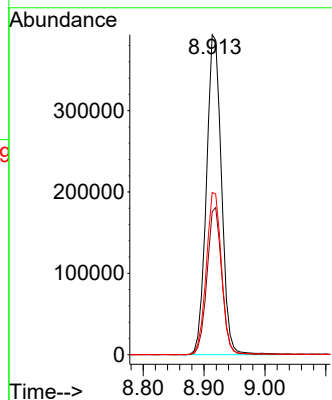
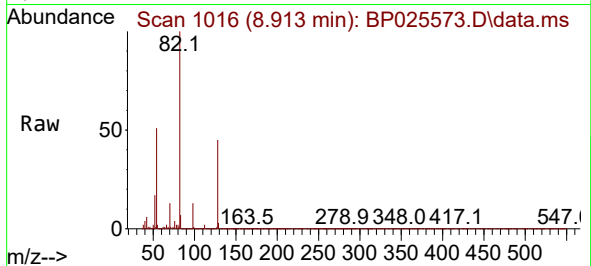




#23
Nitrobenzene-d5
Concen: 46.957 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

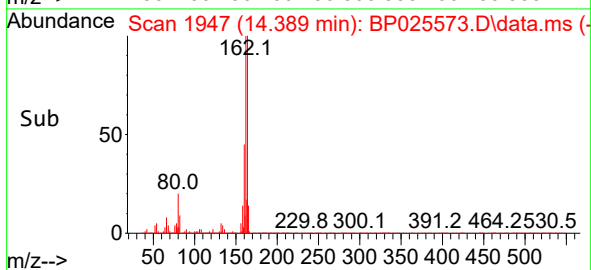
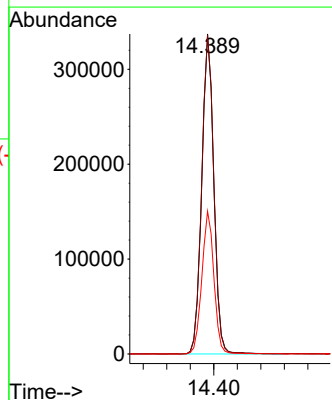
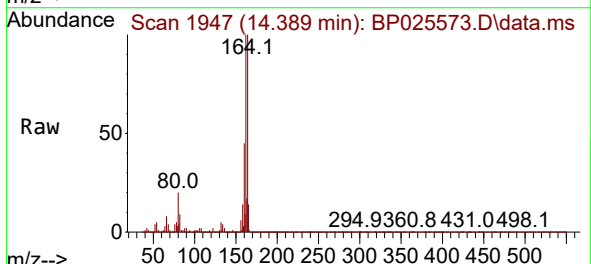
Instrument :
BNA_P
ClientSampleId :
367

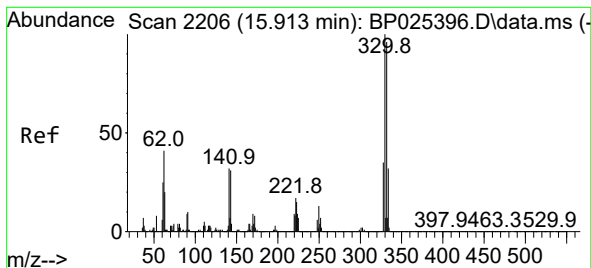
Tgt Ion: 82 Resp: 676488
Ion Ratio Lower Upper
82 100
128 44.8 37.7 56.5
54 50.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

Tgt Ion: 164 Resp: 477325
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 84.446 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025573.D

Acq: 25 Aug 2025 20:33

Instrument :

BNA_P

ClientSampleId :

367

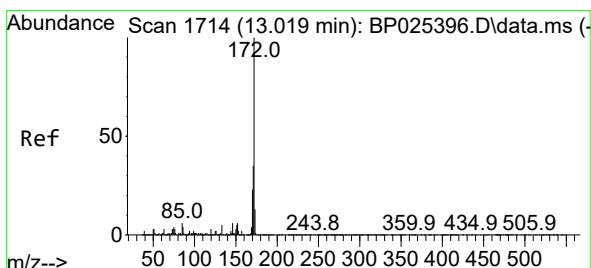
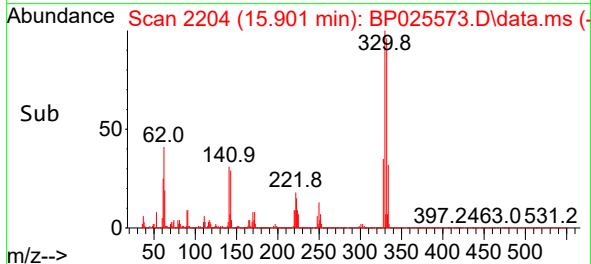
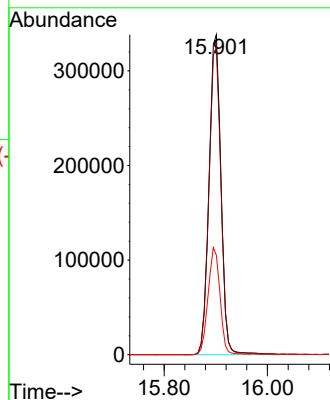
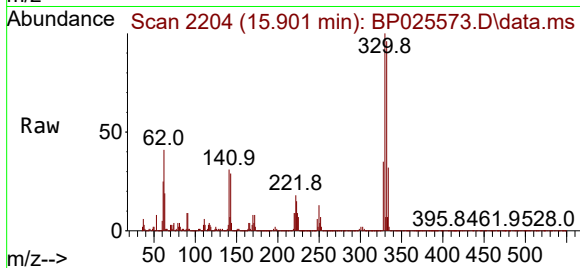
Tgt Ion:330 Resp: 542550

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 33.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 46.190 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025573.D

Acq: 25 Aug 2025 20:33

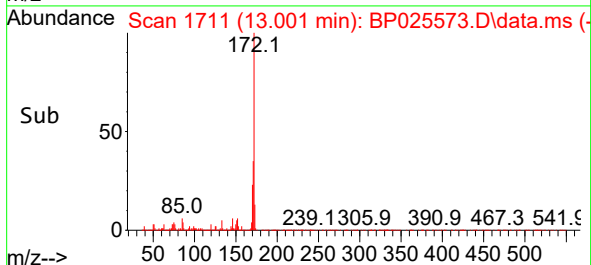
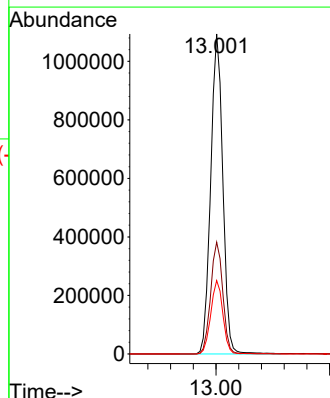
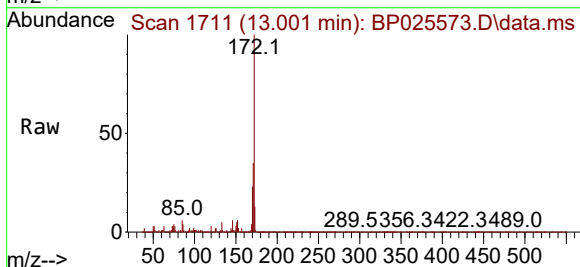
Tgt Ion:172 Resp: 1613228

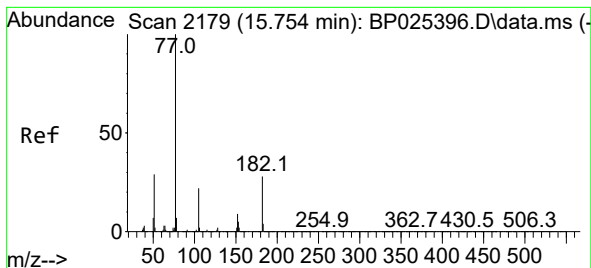
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.0 18.6 28.0





#63

Azobenzene

Concen: 4.530 ng

RT: 15.760 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025573.D

Acq: 25 Aug 2025 20:33

Instrument :

BNA_P

ClientSampleId :

367

Tgt Ion: 77 Resp: 137769

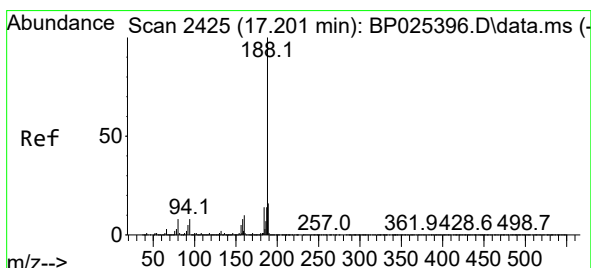
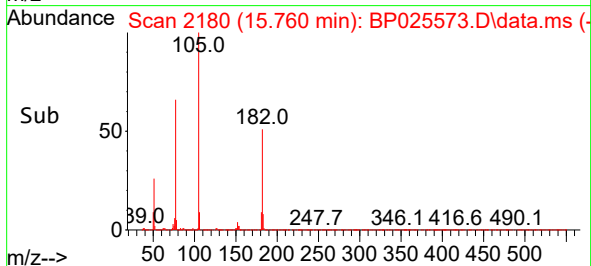
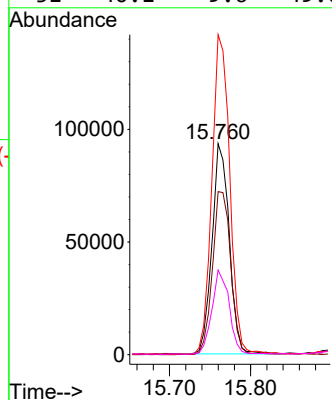
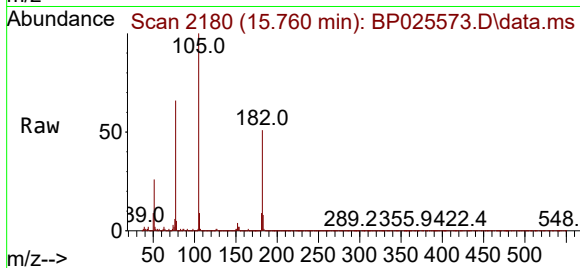
Ion Ratio Lower Upper

77 100

182 77.2 7.5 47.5#

105 151.6 2.1 42.1#

51 40.1 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.177 min Scan# 2421

Delta R.T. -0.024 min

Lab File: BP025573.D

Acq: 25 Aug 2025 20:33

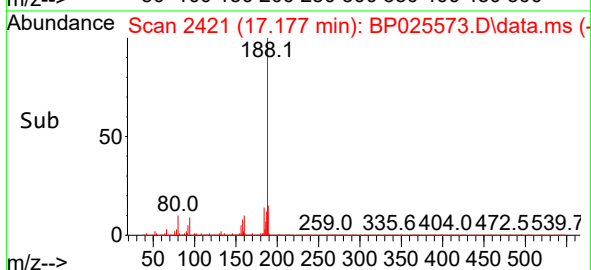
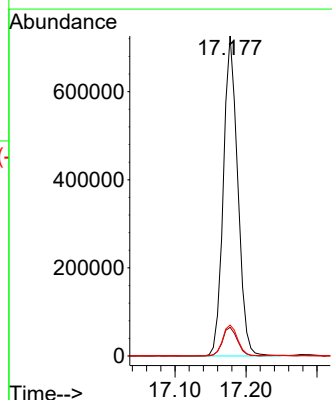
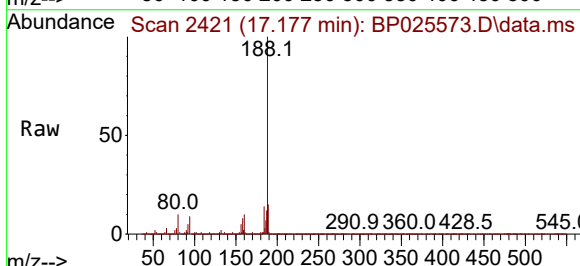
Tgt Ion:188 Resp: 1014920

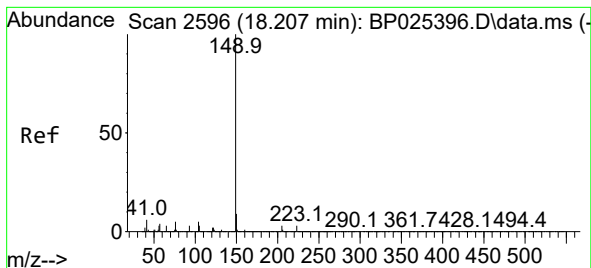
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.7 6.7 10.1

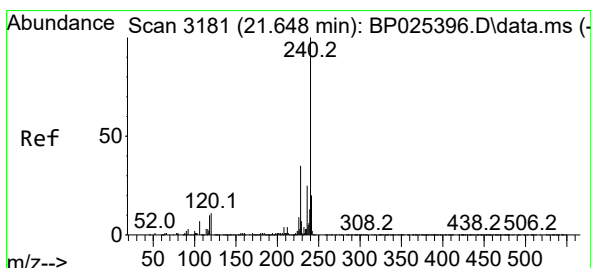
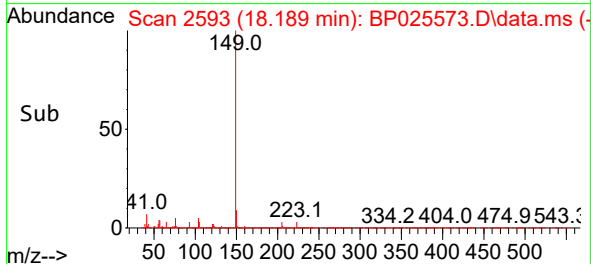
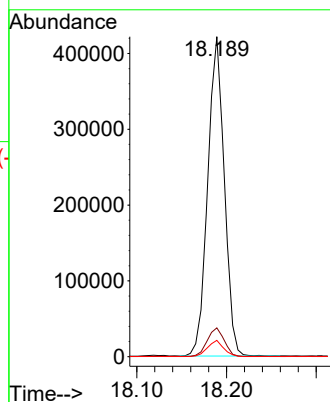
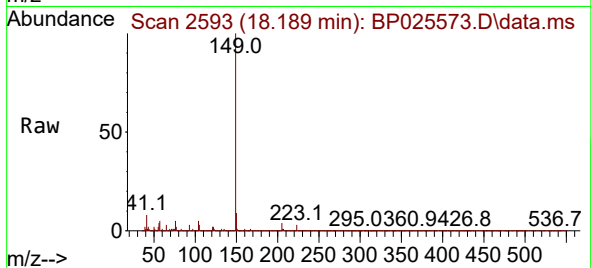




#74
Di-n-butylphthalate
Concen: 8.194 ng
RT: 18.189 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

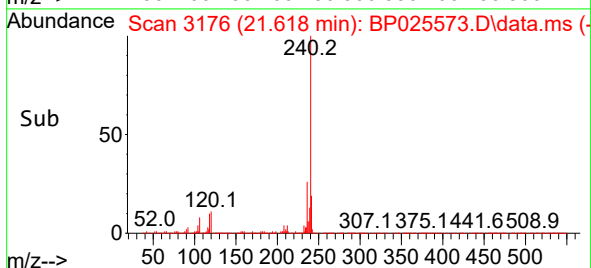
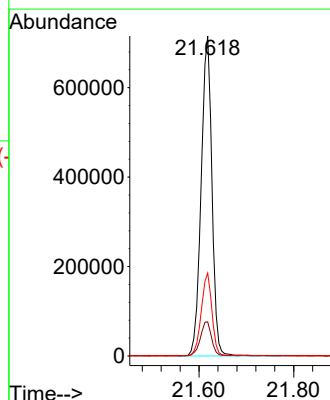
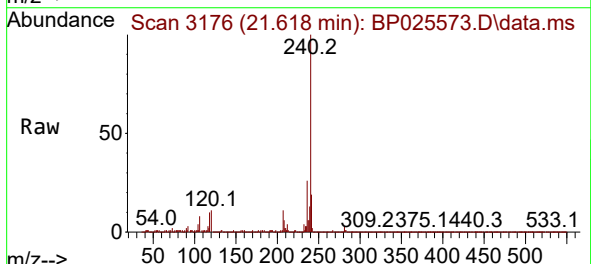
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367

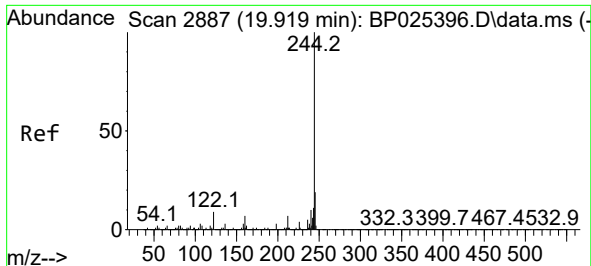
Tgt Ion:149 Resp: 540660
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3176
Delta R.T. -0.029 min
Lab File: BP025573.D
Acq: 25 Aug 2025 20:33

Tgt Ion:240 Resp: 1126109
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 19.8 29.8

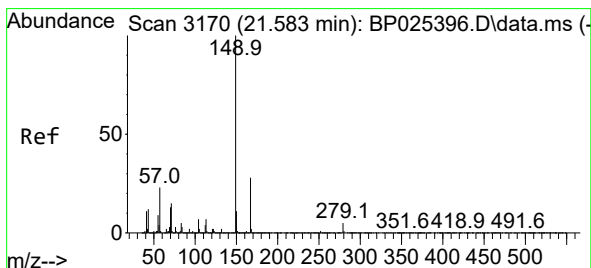
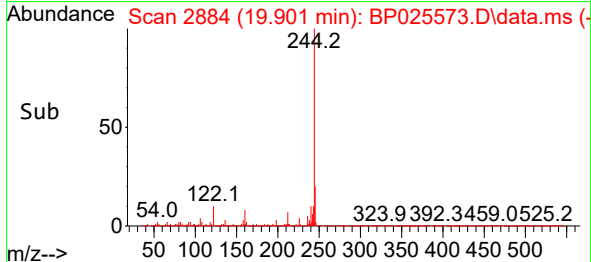
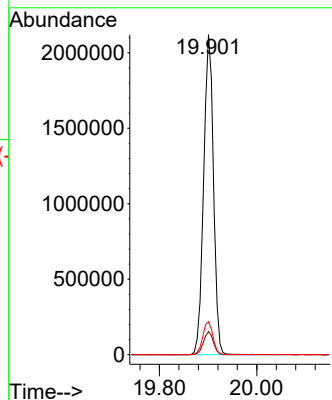
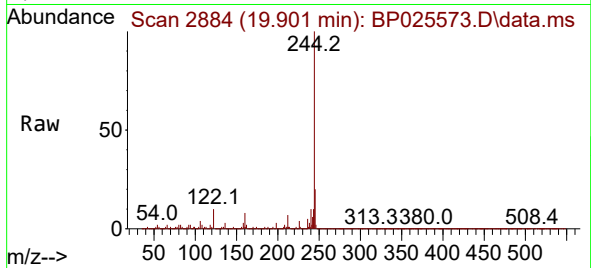




#79
 Terphenyl-d14
 Concen: 48.150 ng
 RT: 19.901 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP025573.D
 Acq: 25 Aug 2025 20:33

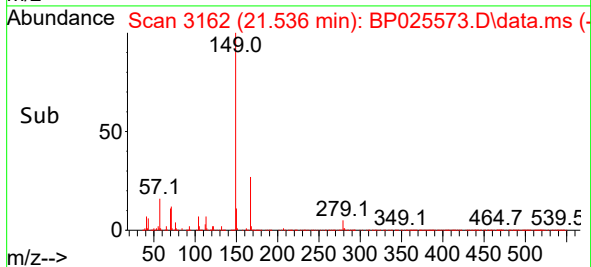
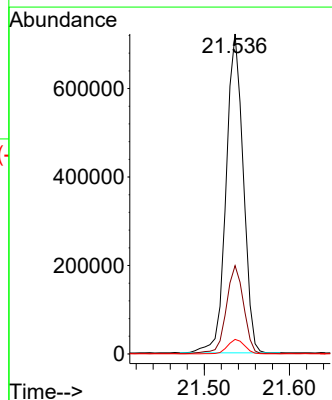
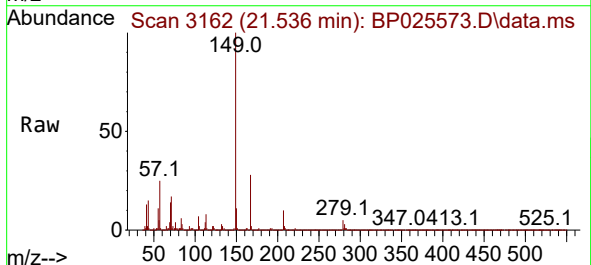
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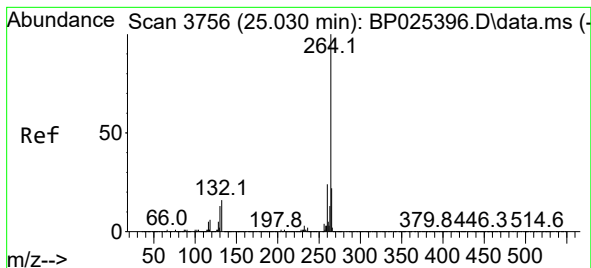
Tgt Ion:244 Resp: 2963637
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.3 7.4 11.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.639 ng
 RT: 21.536 min Scan# 3162
 Delta R.T. -0.047 min
 Lab File: BP025573.D
 Acq: 25 Aug 2025 20:33

Tgt Ion:149 Resp: 1007831
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.1 33.1
 279 4.6 3.8 5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP025573.D

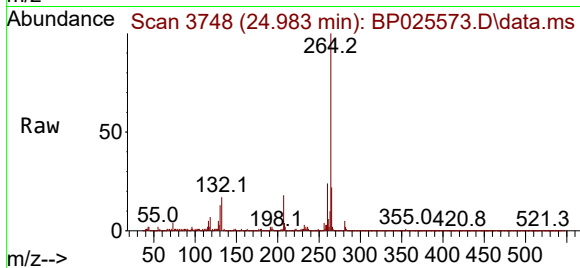
Acq: 25 Aug 2025 20:33

Instrument :

BNA_P

ClientSampleId :

367



Tgt Ion:264 Resp: 1285667

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.4 17.4 26.0

