

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
 Data File : BP025383.D
 Acq On : 13 Aug 2025 14:04
 Operator : CG/JU
 Sample : Q2820-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 518R-W

Quant Time: Aug 13 14:23:36 2025
 Quant Title :
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

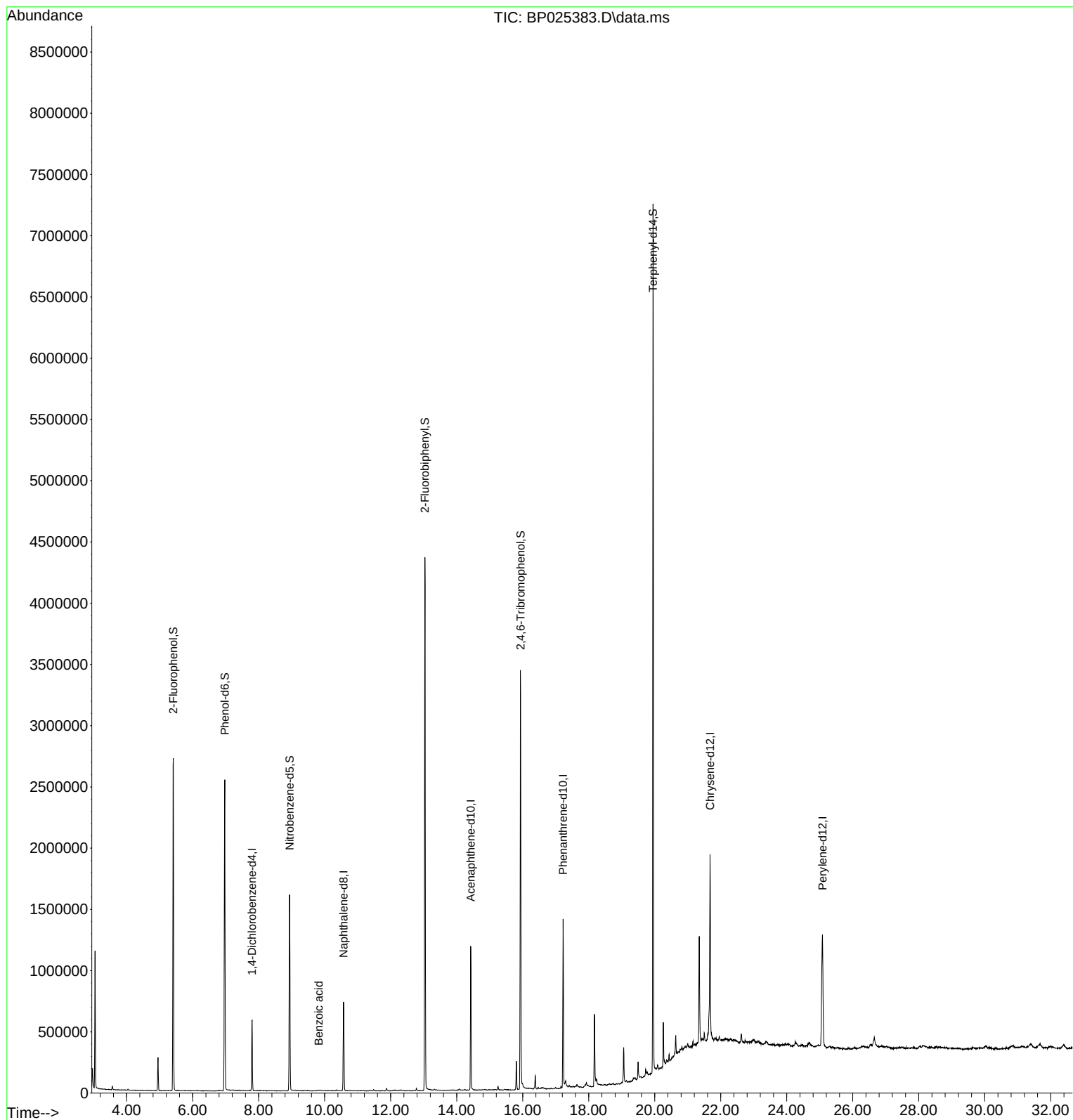
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	161270	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	625957	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	388971	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	792350	20.000	ng	0.00
76) Chrysene-d12	21.677	240	857200	20.000	ng	0.02
86) Perylene-d12	25.083	264	969724	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1211653	120.839	ng	0.00
7) Phenol-d6	6.972	99	1485249	112.551	ng	0.00
23) Nitrobenzene-d5	8.937	82	969737	85.828	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	687336	177.129	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2252960	80.001	ng	0.00
79) Terphenyl-d14	19.948	244	3721403	81.999	ng	0.00
Target Compounds						
32) Benzoic acid	9.825	122	6736m	7.254	ng	Qvalue

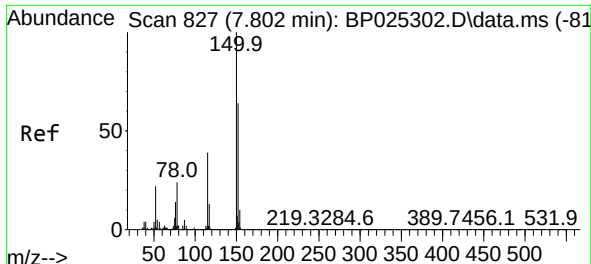
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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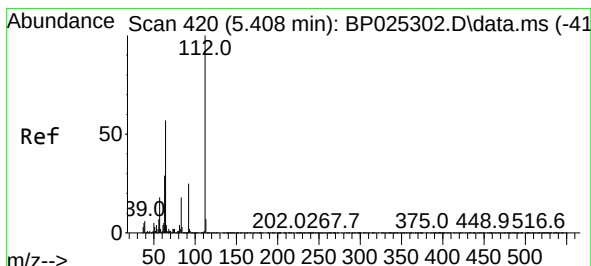
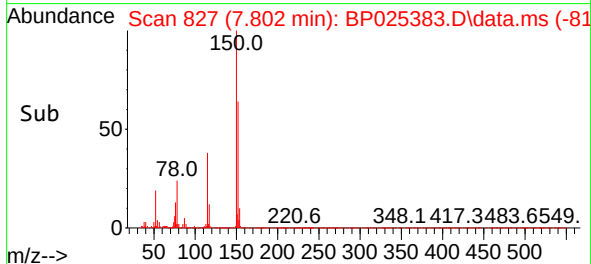
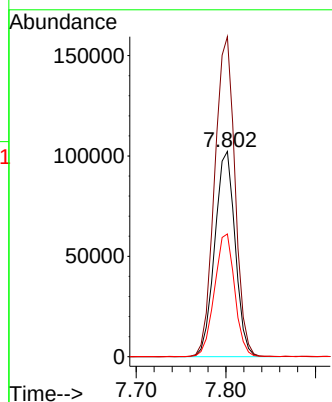
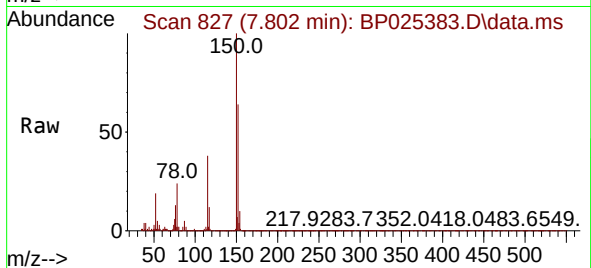




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

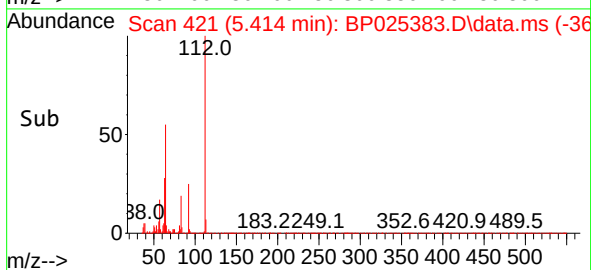
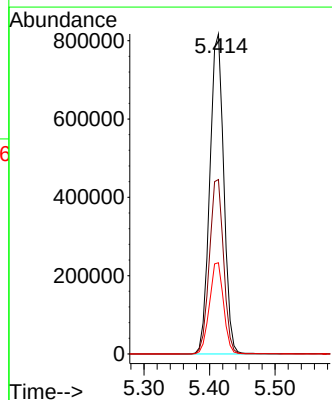
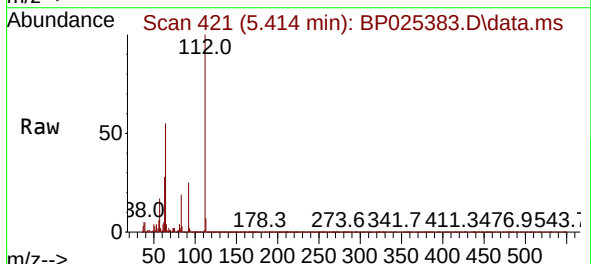
Instrument :
BNA_P
ClientSampleId :
518R-W

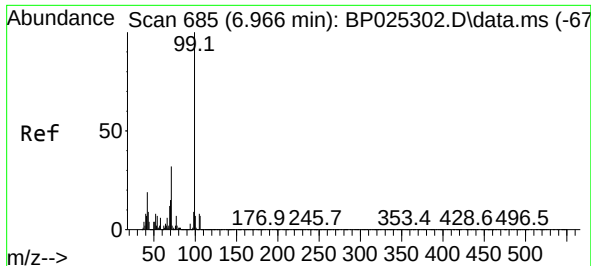
Tgt Ion:152 Resp: 161270
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 59.8 48.4 72.6



#5
2-Fluorophenol
Concen: 120.839 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

Tgt Ion:112 Resp: 1211653
Ion Ratio Lower Upper
112 100
64 54.5 45.3 67.9
63 28.5 23.0 34.6

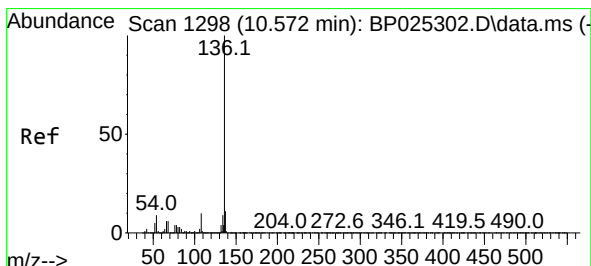
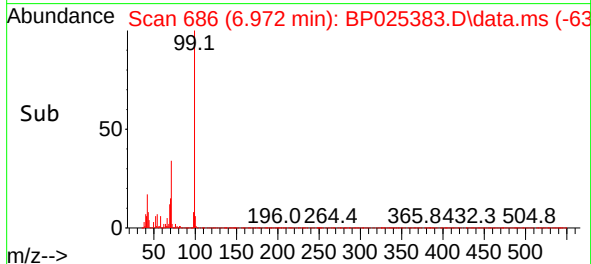
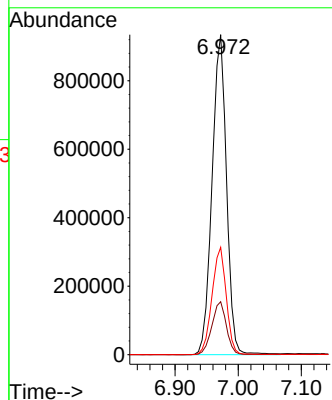
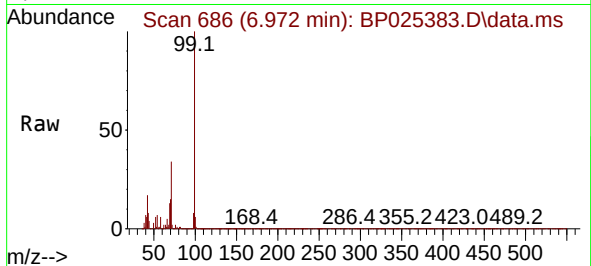




#7
Phenol-d6
Concen: 112.551 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

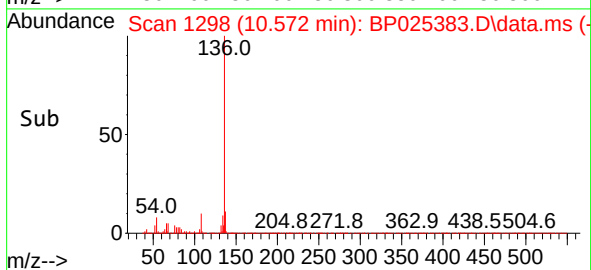
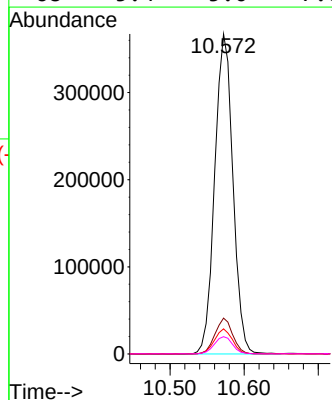
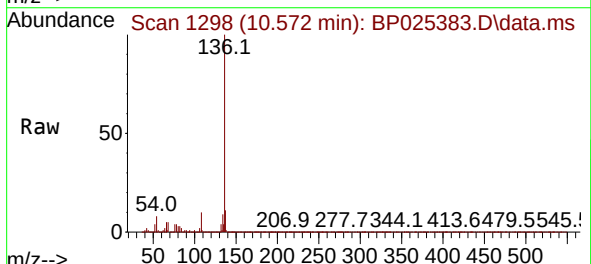
Instrument :
BNA_P
ClientSampleId :
518R-W

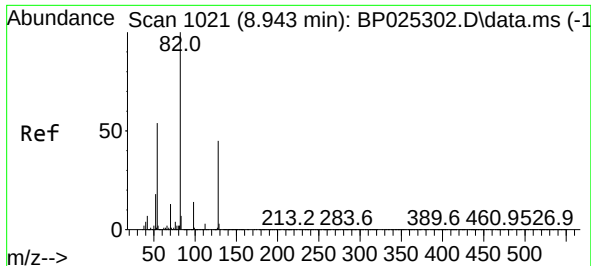
Tgt Ion: 99 Resp: 1485249
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 33.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

Tgt Ion: 136 Resp: 625957
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.9 7.0 10.6
68 5.4 5.0 7.6

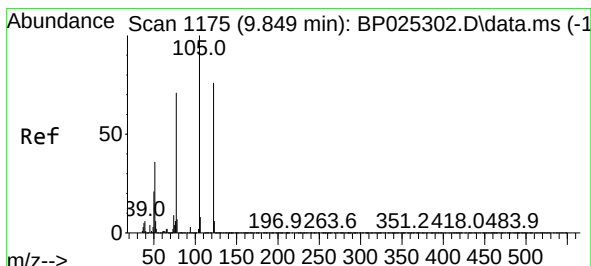
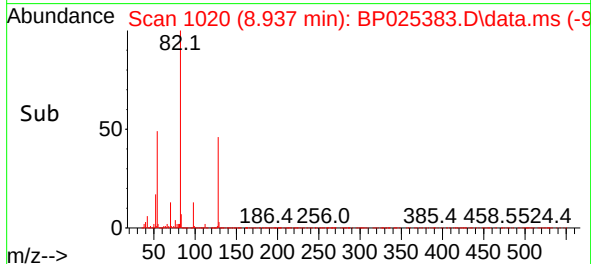
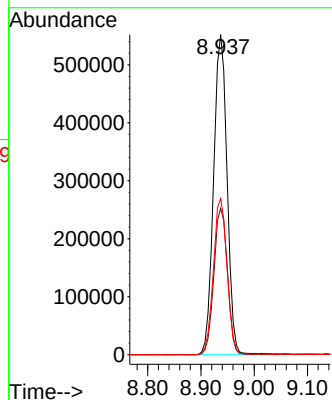
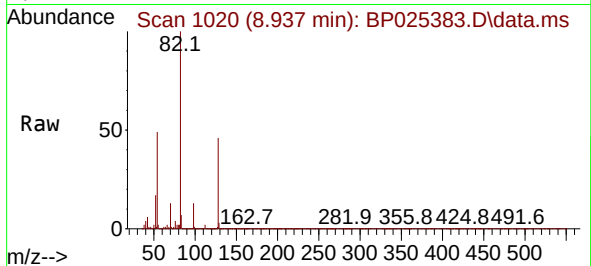




#23
Nitrobenzene-d5
Concen: 85.828 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

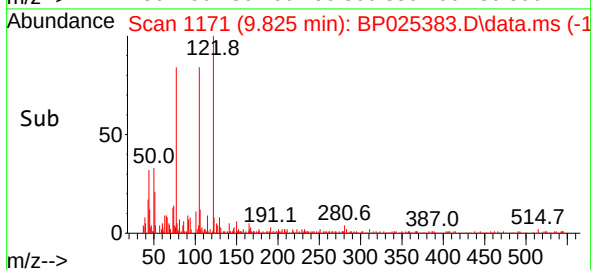
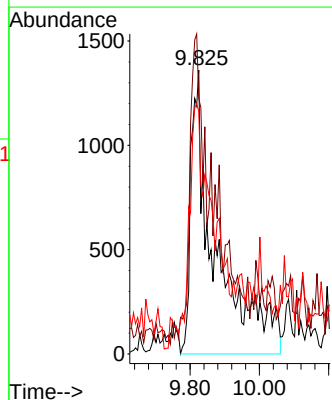
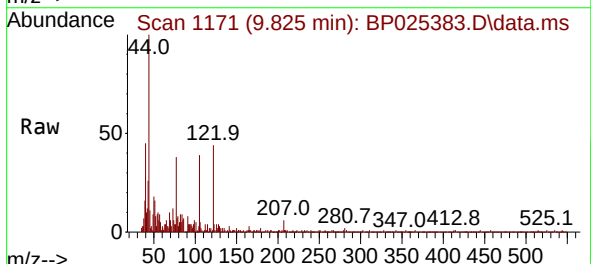
Instrument :
BNA_P
ClientSampleId :
518R-W

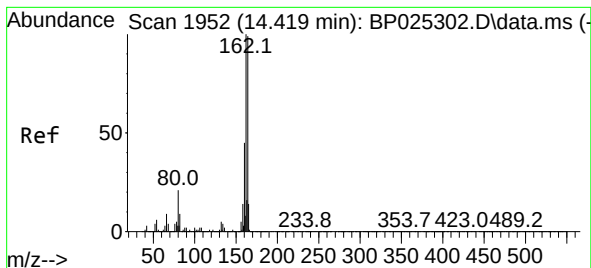
Tgt Ion: 82 Resp: 969737
Ion Ratio Lower Upper
82 100
128 45.8 35.4 53.2
54 48.8 42.9 64.3



#32
Benzoic acid
Concen: 7.254 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.024 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

Tgt Ion: 122 Resp: 6736
Ion Ratio Lower Upper
122 100
105 89.9 104.0 144.0#
77 85.5 71.8 111.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.425 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BP025383.D

Acq: 13 Aug 2025 14:04

Instrument :

BNA_P

ClientSampleId :

518R-W

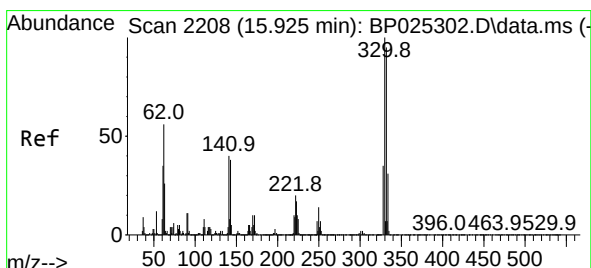
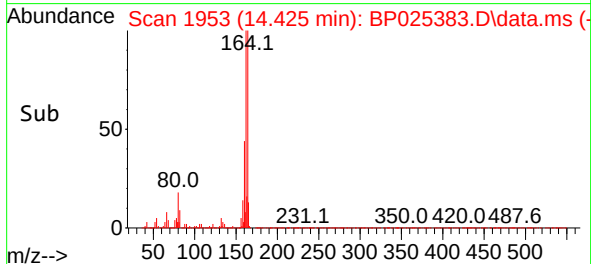
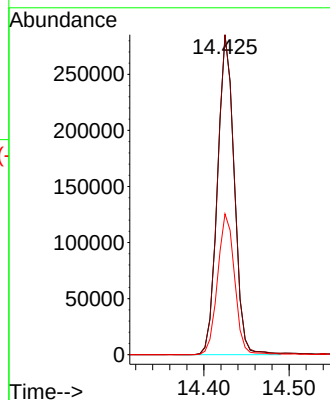
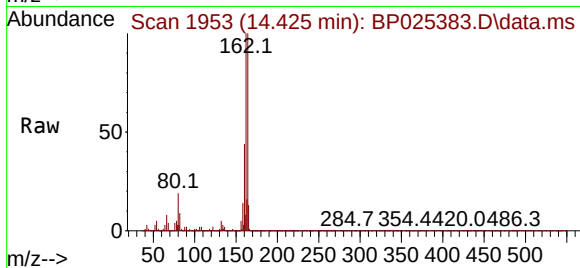
Tgt Ion:164 Resp: 388971

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

160 44.0 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 177.129 ng

RT: 15.937 min Scan# 2210

Delta R.T. 0.011 min

Lab File: BP025383.D

Acq: 13 Aug 2025 14:04

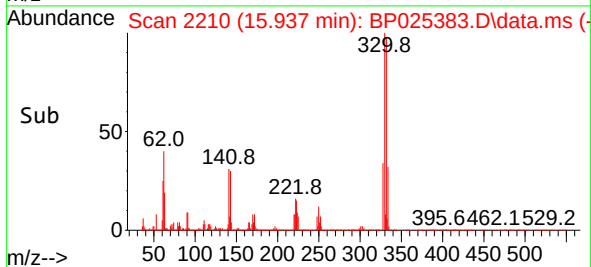
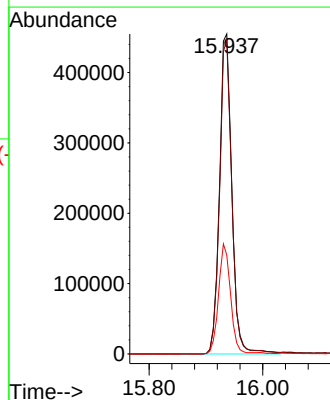
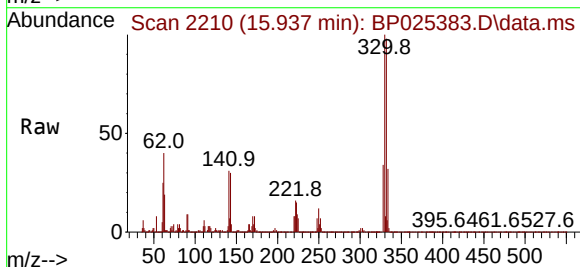
Tgt Ion:330 Resp: 687336

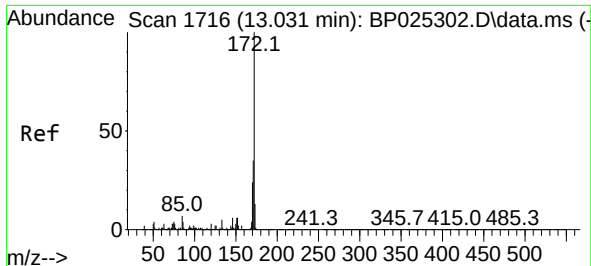
Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 33.3 31.7 47.5

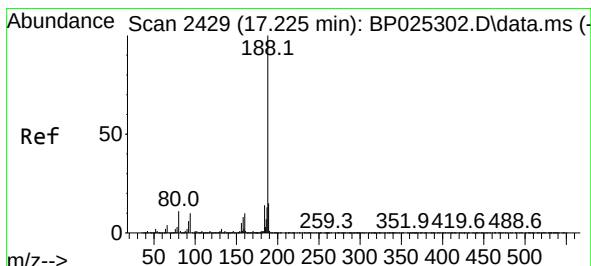
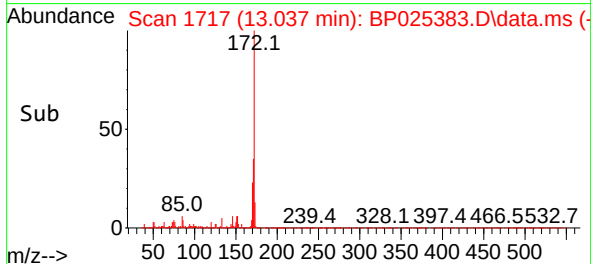
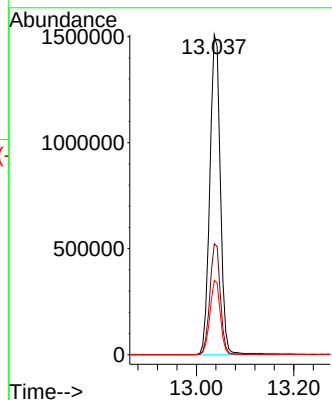
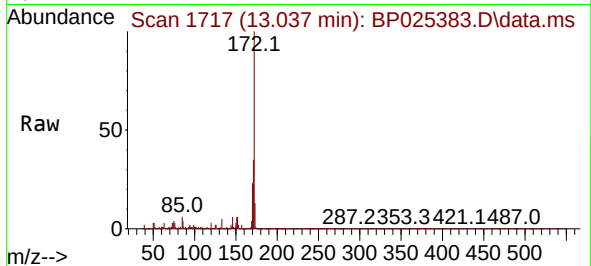




#45
2-Fluorobiphenyl
Concen: 80.001 ng
RT: 13.037 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

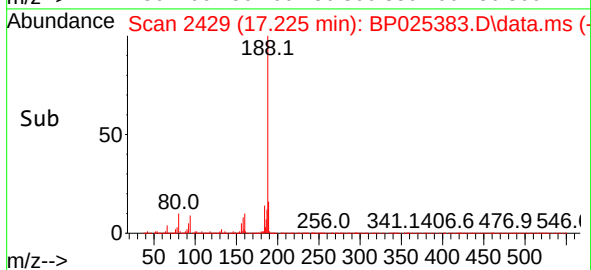
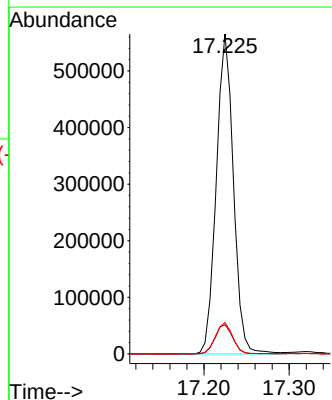
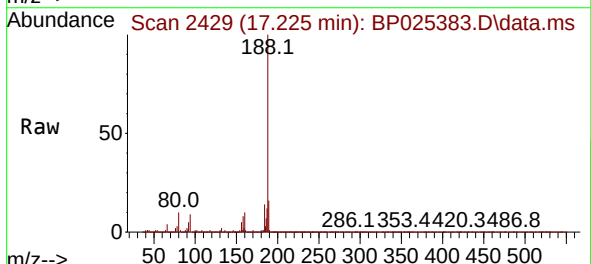
Instrument :
BNA_P
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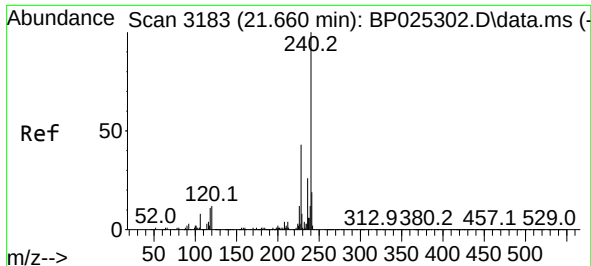
Tgt Ion:172 Resp: 2252960
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

Tgt Ion:188 Resp: 792350
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.8 8.5 12.7

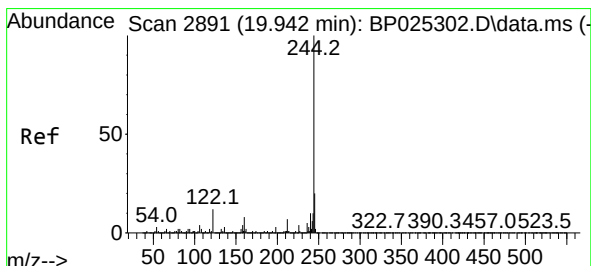
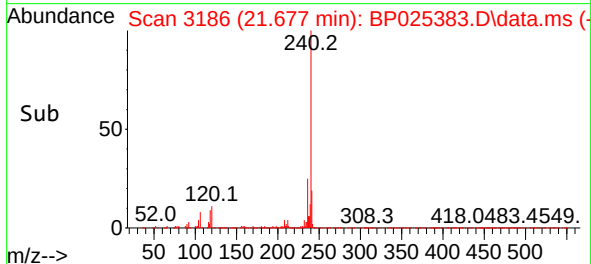
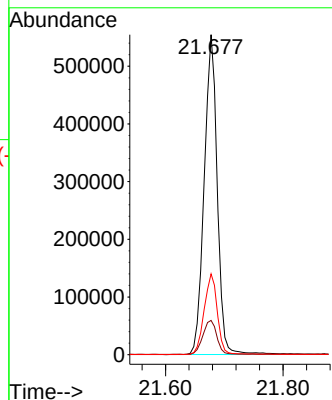
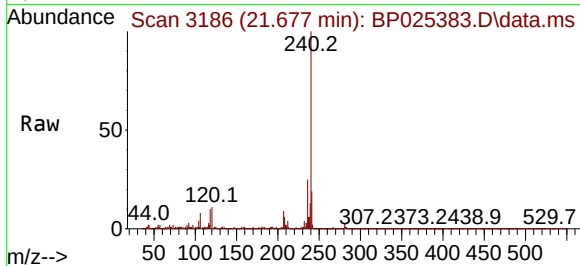




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.677 min Scan# 3186
Delta R.T. 0.017 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

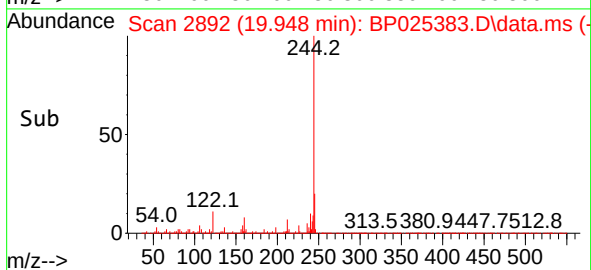
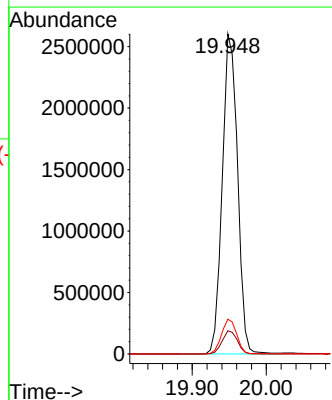
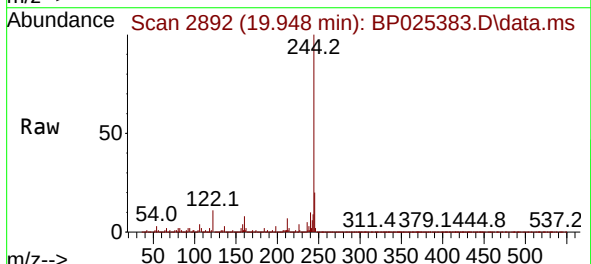
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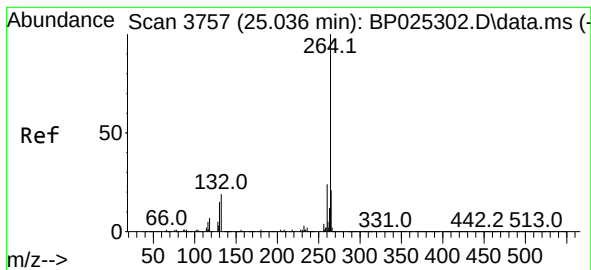
Tgt Ion:240 Resp: 857200
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 25.3 20.4 30.6



#79
Terphenyl-d14
Concen: 81.999 ng
RT: 19.948 min Scan# 2892
Delta R.T. 0.006 min
Lab File: BP025383.D
Acq: 13 Aug 2025 14:04

Tgt Ion:244 Resp: 3721403
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.8 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.083 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP025383.D

Acq: 13 Aug 2025 14:04

Instrument :

BNA_P

ClientSampleId :

518R-W

Tgt Ion:264 Resp: 969724

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 17.1 25.7

