

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025131.D
 Acq On : 14 Jul 2025 22:37
 Operator : CG/JU
 Sample : Q2489-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 G1(6-12)

Quant Time: Jul 15 01:18:01 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)

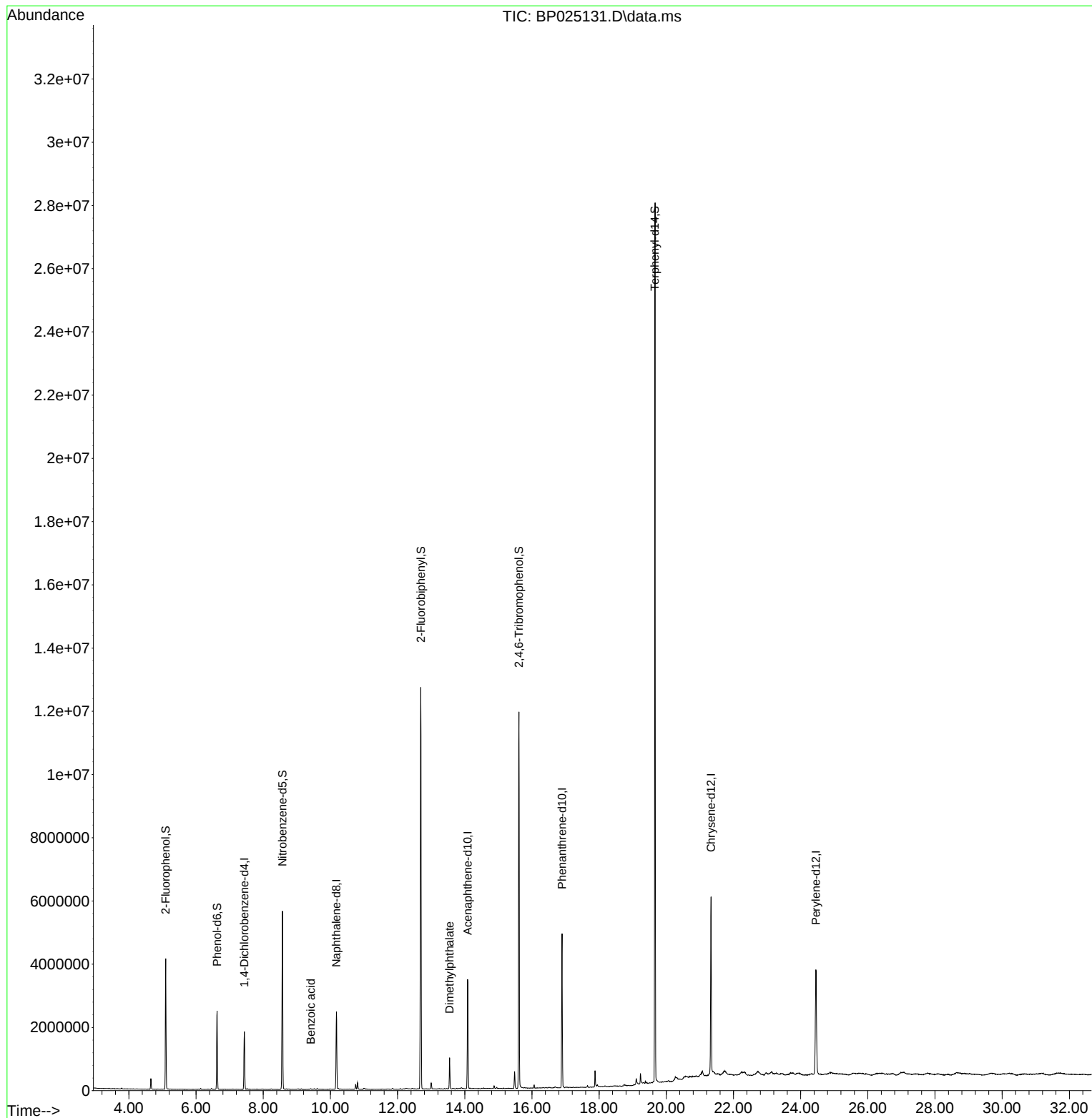
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	531125	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2076991	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1344648	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2827396	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	3084340	20.000	ng	-0.01
86) Perylene-d12	24.454	264	3156203	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1805233	60.223	ng	0.00
7) Phenol-d6	6.625	99	1388530	35.496	ng	0.00
23) Nitrobenzene-d5	8.572	82	3055028	97.822	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2547542	160.376	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	7671996	88.389	ng	0.00
79) Terphenyl-d14	19.660	244	11579379	82.511	ng	-0.01
Target Compounds						
32) Benzoic acid	9.413	122	6068	6.446	ng	99
50) Dimethylphthalate	13.548	163	592398	6.294	ng	100

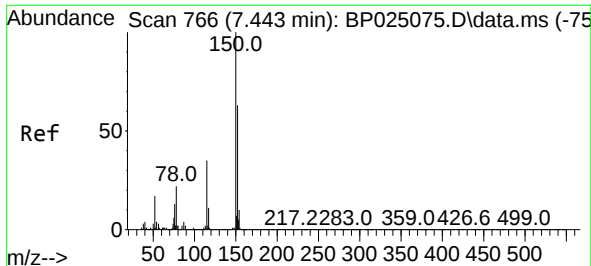
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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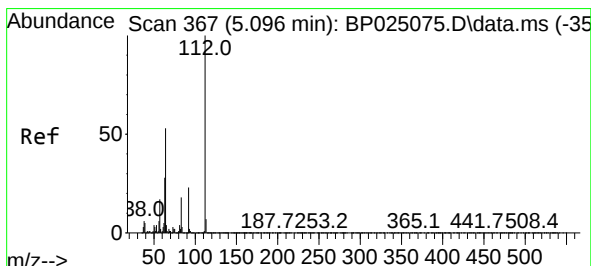
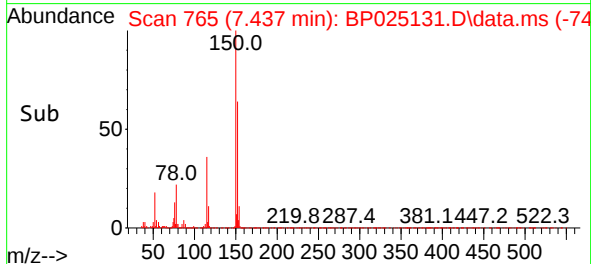
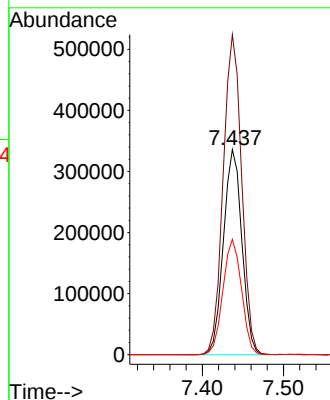
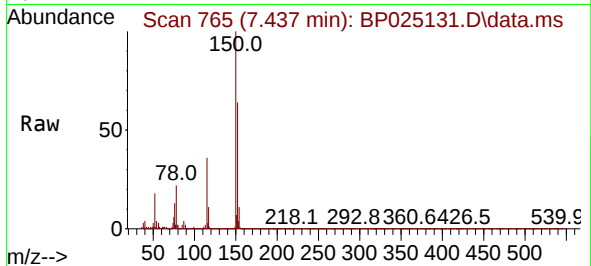




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

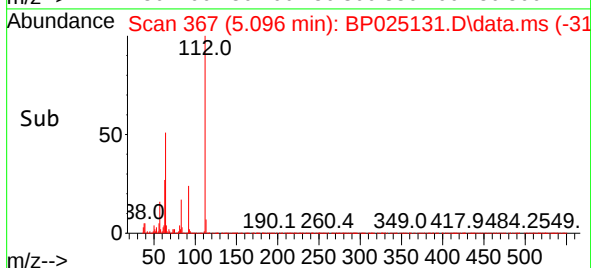
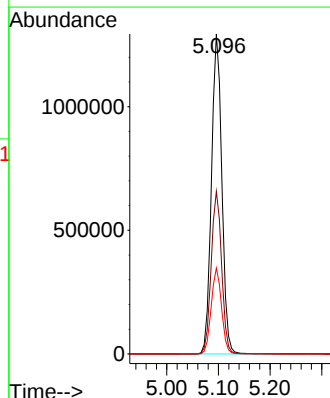
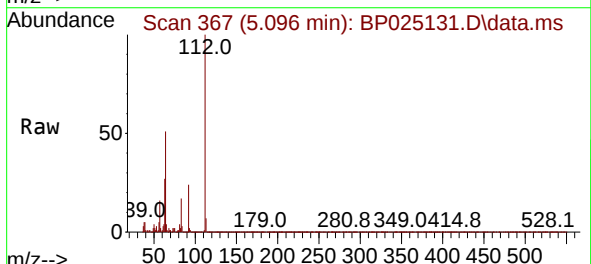
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

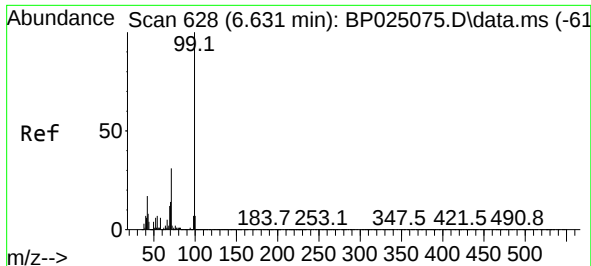
Tgt Ion:152 Resp: 531125
Ion Ratio Lower Upper
152 100
150 156.0 126.1 189.1
115 56.2 44.3 66.5



#5
2-Fluorophenol
Concen: 60.223 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:112 Resp: 1805233
Ion Ratio Lower Upper
112 100
64 50.8 42.0 63.0
63 26.9 22.2 33.2





#7

Phenol-d6

Concen: 35.496 ng

RT: 6.625 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

Instrument :

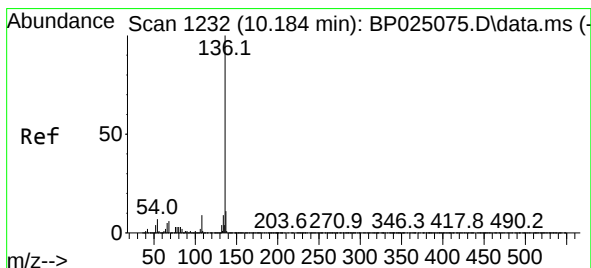
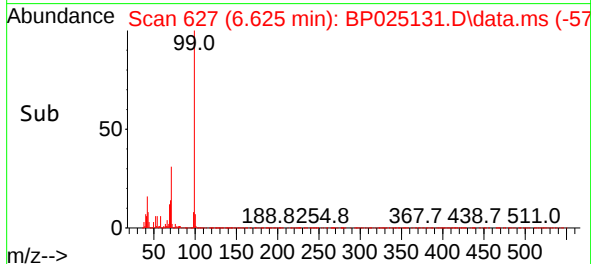
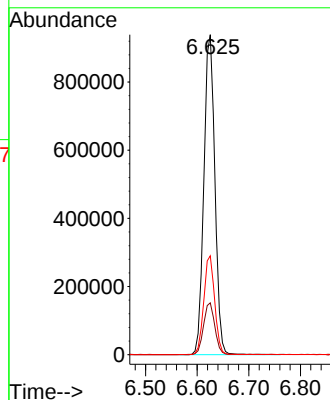
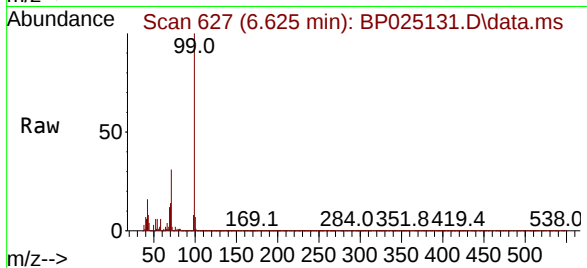
BNA_P

ClientSampleId :

G1(6-12)

Tgt Ion: 99 Resp: 1388530

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	30.9	24.4	36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.178 min Scan# 1231

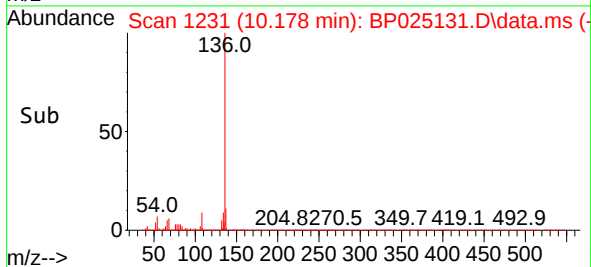
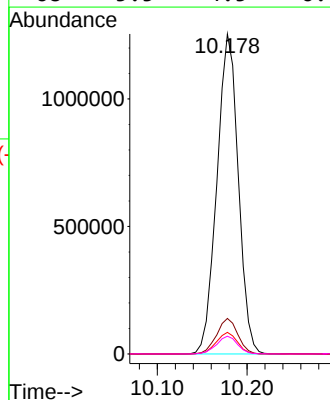
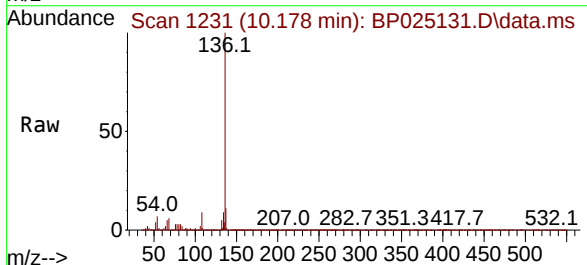
Delta R.T. -0.006 min

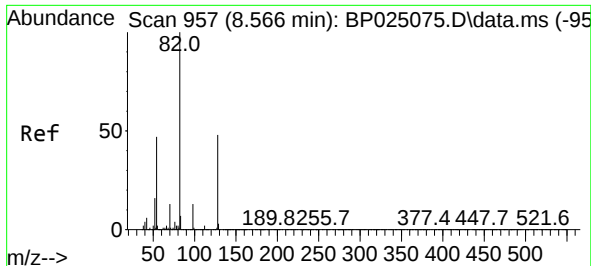
Lab File: BP025131.D

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Tgt Ion: 136 Resp: 2076991

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7

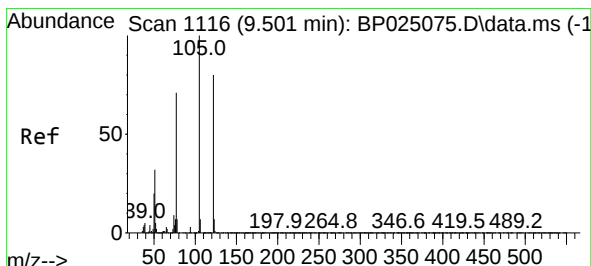
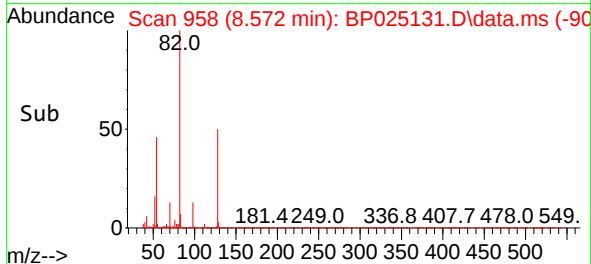
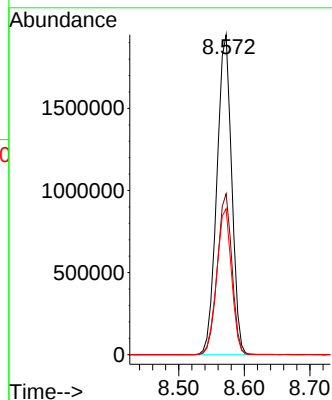
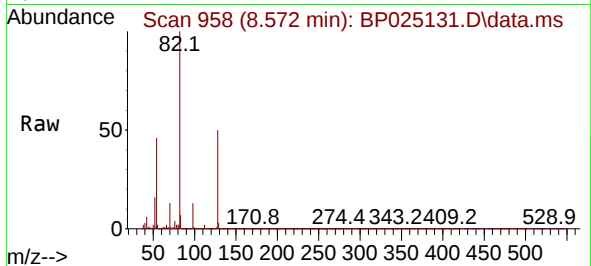




#23
Nitrobenzene-d5
Concen: 97.822 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

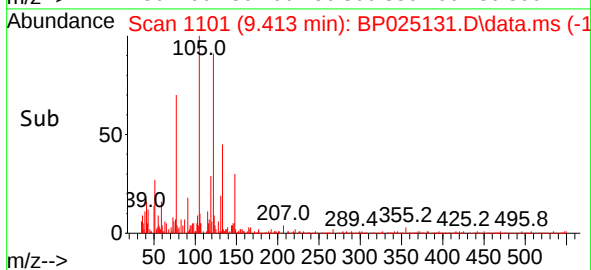
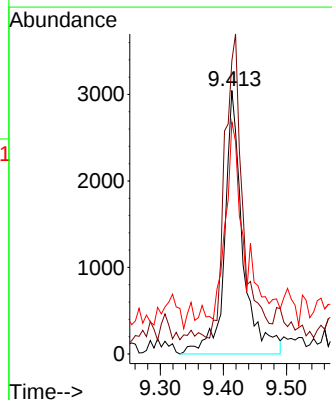
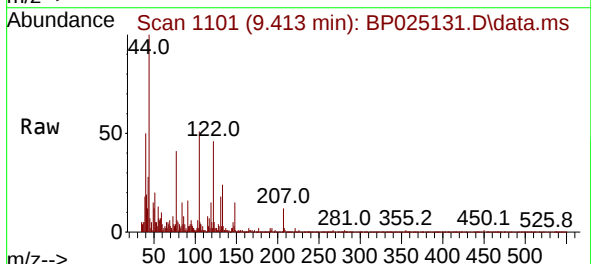
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

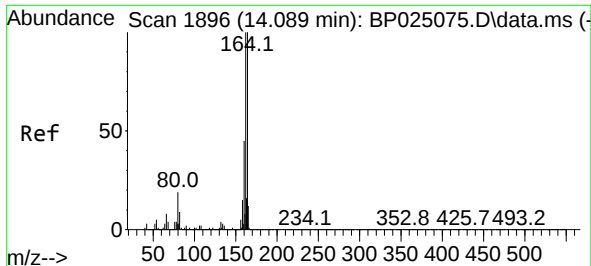
Tgt Ion: 82 Resp: 3055028
Ion Ratio Lower Upper
82 100
128 50.3 38.4 57.6
54 45.6 37.8 56.6



#32
Benzoic acid
Concen: 6.446 ng
RT: 9.413 min Scan# 1101
Delta R.T. -0.088 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:122 Resp: 6068
Ion Ratio Lower Upper
122 100
105 122.2 101.0 141.0
77 88.0 67.6 107.6

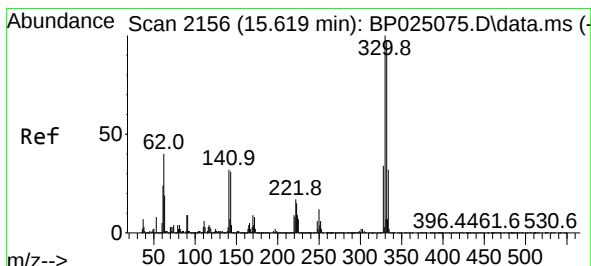
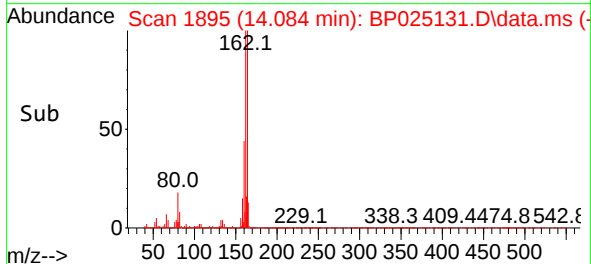
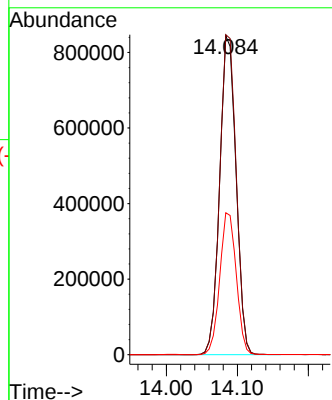
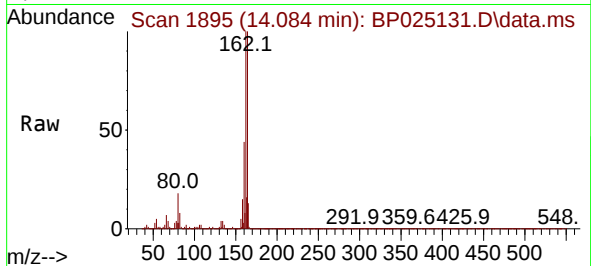




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

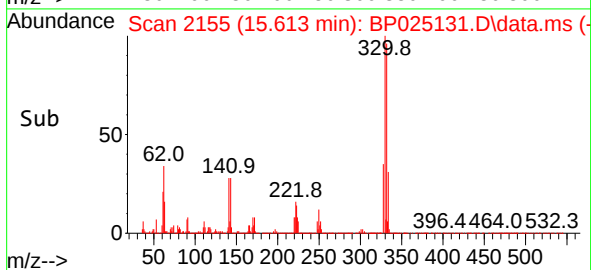
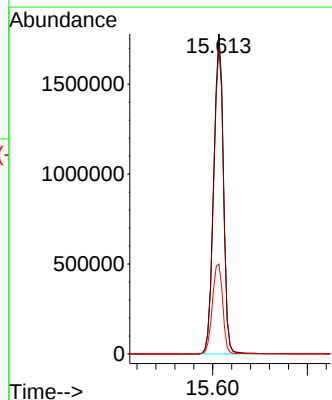
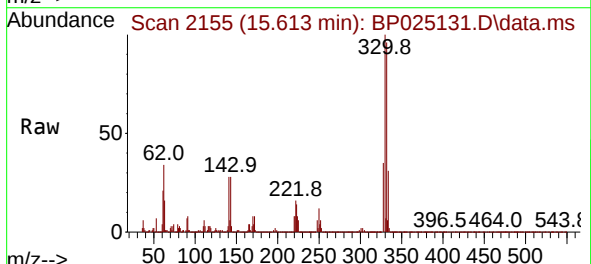
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

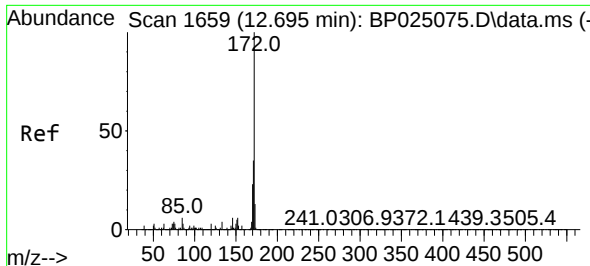
Tgt Ion:164 Resp: 1344648
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 44.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 160.376 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:330 Resp: 2547542
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 30.0 26.0 39.0

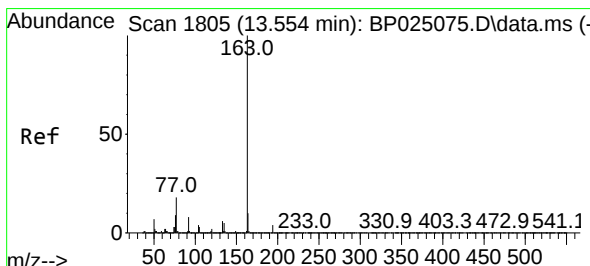
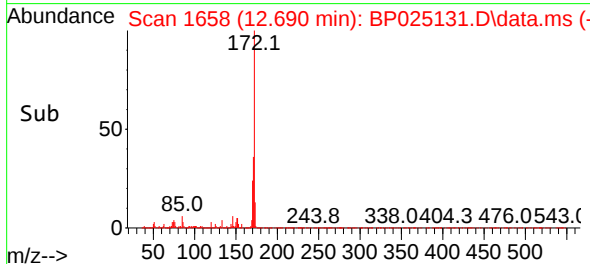
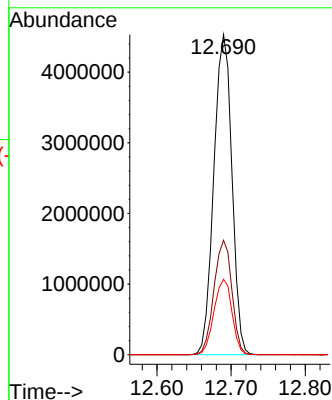
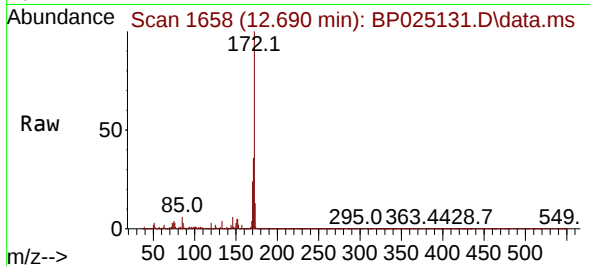




#45
2-Fluorobiphenyl
Concen: 88.389 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

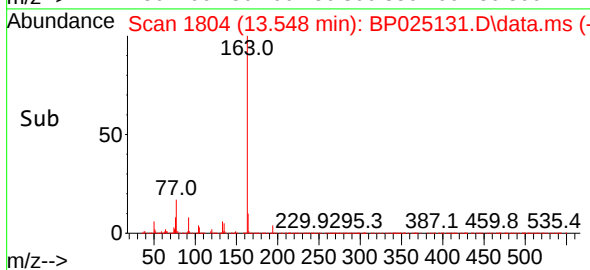
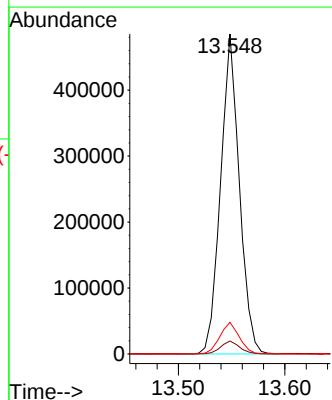
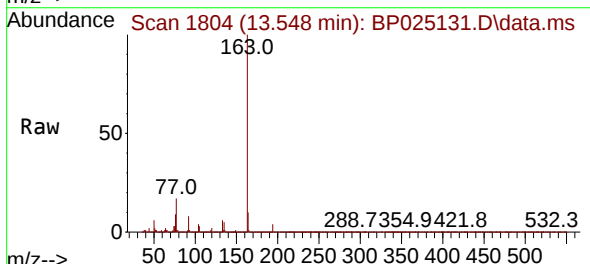
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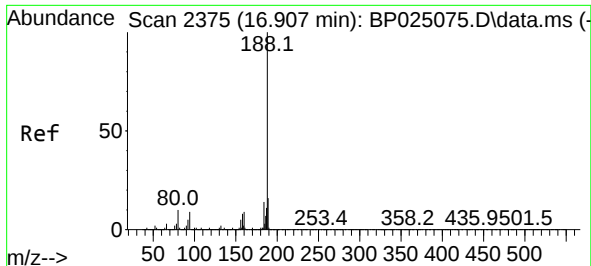
Tgt Ion:172 Resp: 7671996
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.6 18.7 28.1



#50
Dimethylphthalate
Concen: 6.294 ng
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:163 Resp: 592398
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.0 12.0

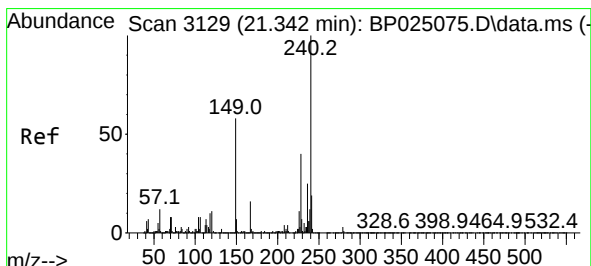
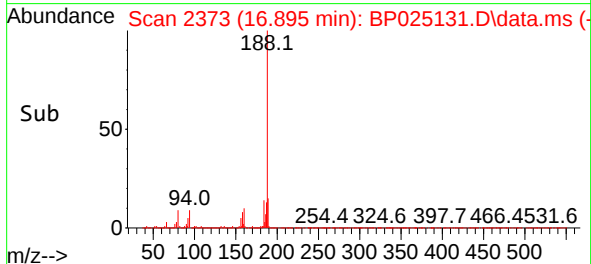
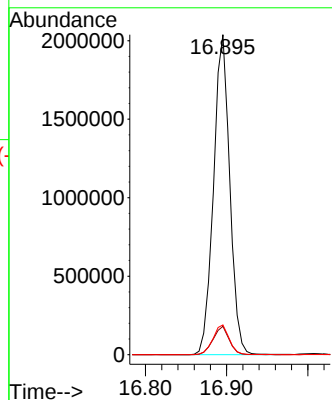
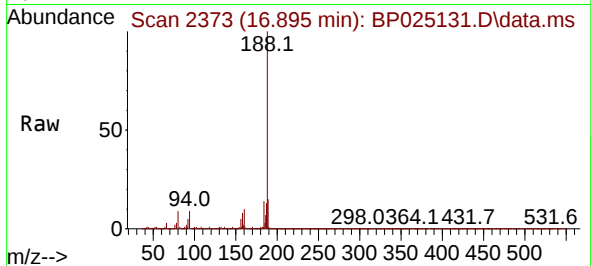




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

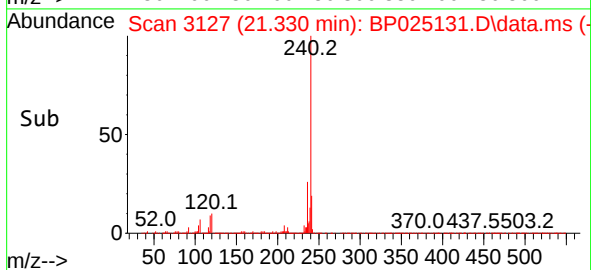
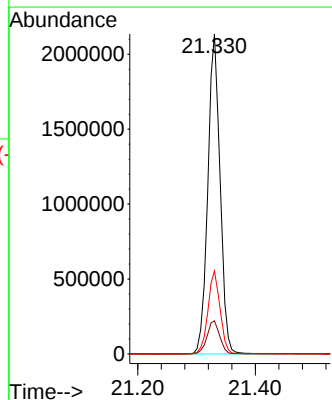
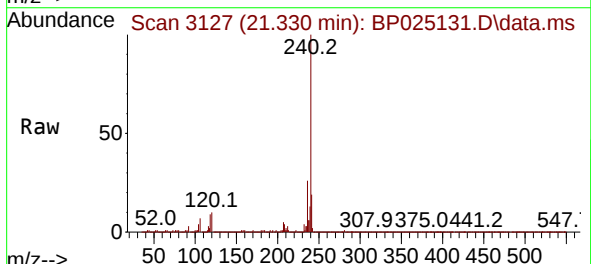
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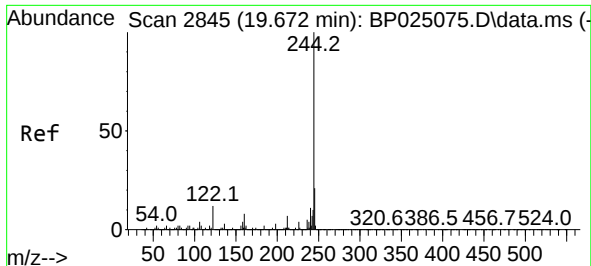
Tgt Ion:188 Resp: 2827396
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:240 Resp: 3084340
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.0 20.3 30.5

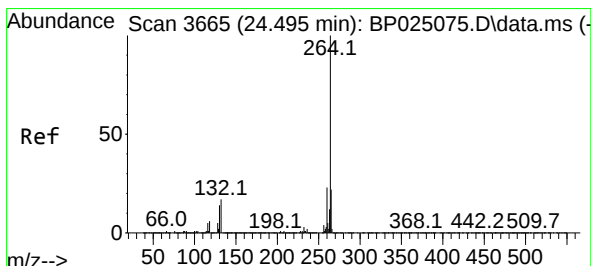
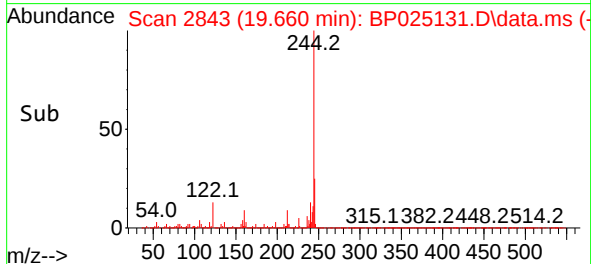
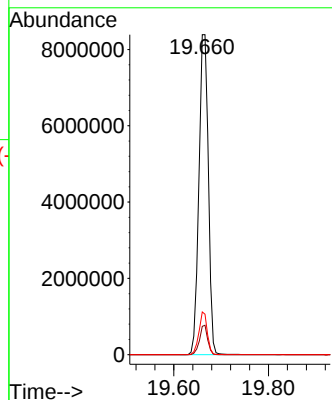
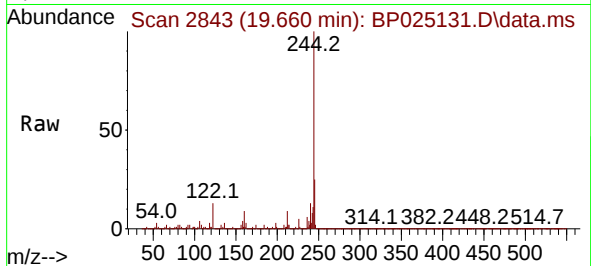




#79
 Terphenyl-d14
 Concen: 82.511 ng
 RT: 19.660 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025131.D
 Acq: 14 Jul 2025 22:37

Instrument :
 BNA_P
 ClientSampleId :
 G1(6-12)

Tgt Ion:244 Resp:11579379
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.9 8.9
 122 13.3 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.454 min Scan# 3658
 Delta R.T. -0.041 min
 Lab File: BP025131.D
 Acq: 14 Jul 2025 22:37

Tgt Ion:264 Resp: 3156203
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.7 17.7 26.5

