

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026083.D
 Acq On : 06 Nov 2025 19:07
 Operator : RC/JU
 Sample : Q3534-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-5

Quant Time: Nov 07 01:01:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

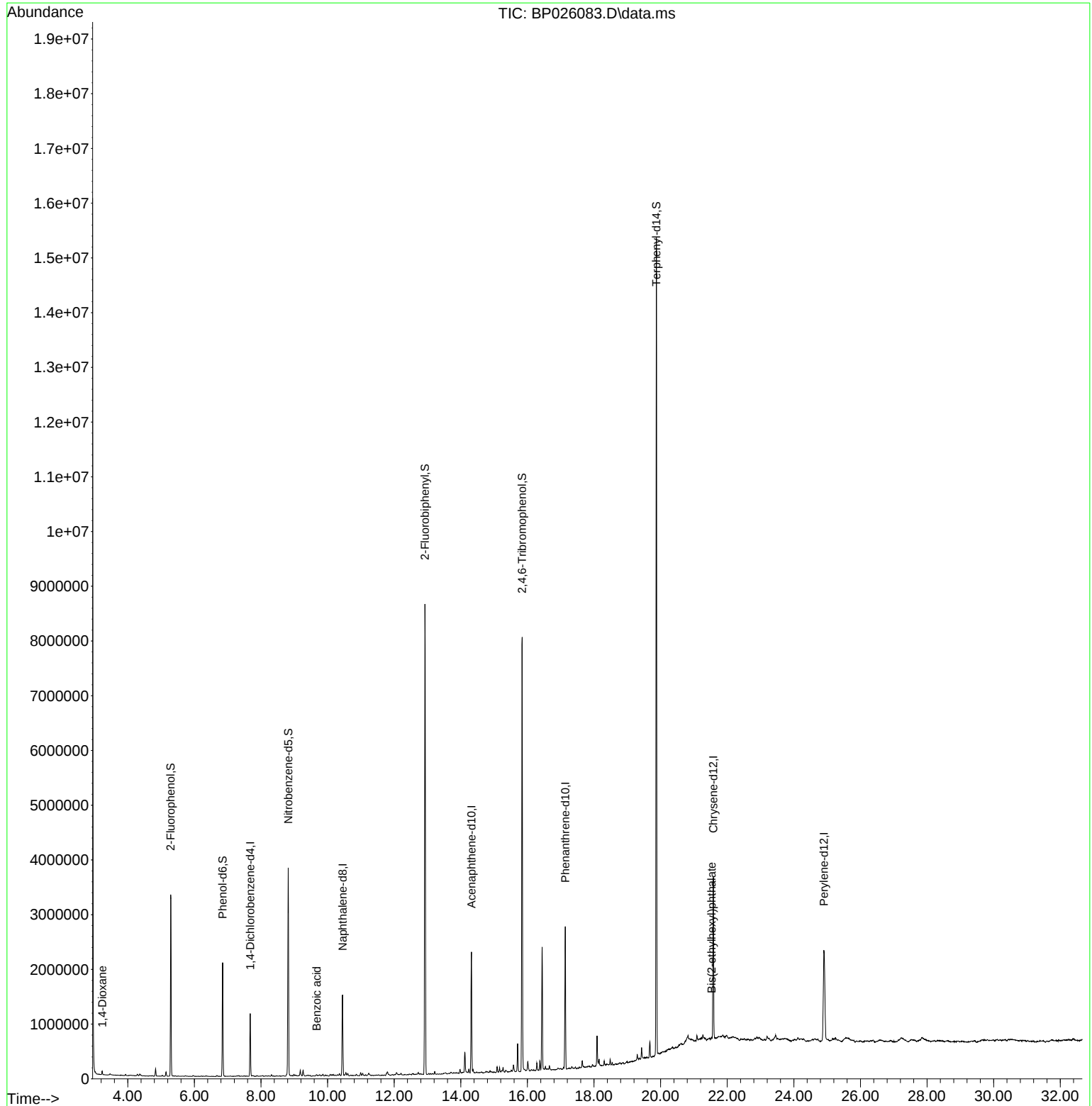
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318473	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1283462	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	829933	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1657805	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1728941	20.000	ng	0.02
86) Perylene-d12	24.901	264	2004698	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1447269	74.987	ng	0.00
7) Phenol-d6	6.849	99	1183337	48.171	ng	0.00
23) Nitrobenzene-d5	8.819	82	2092316	101.627	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1557099	173.543	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	4951321	85.726	ng	0.00
79) Terphenyl-d14	19.872	244	7779259	91.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	30263	3.719	ng	# 83
32) Benzoic acid	9.672	122	6394	3.854	ng	95
84) Bis(2-ethylhexyl)phtha...	21.530	149	20473	2.875	ng	# 90

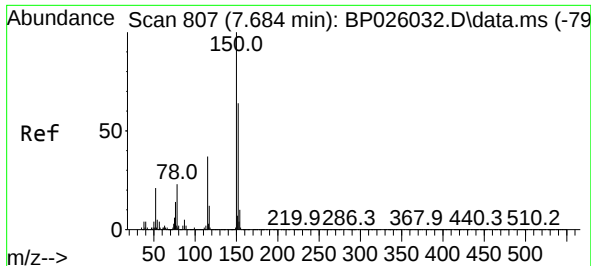
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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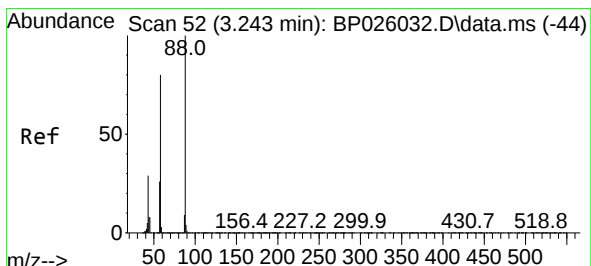
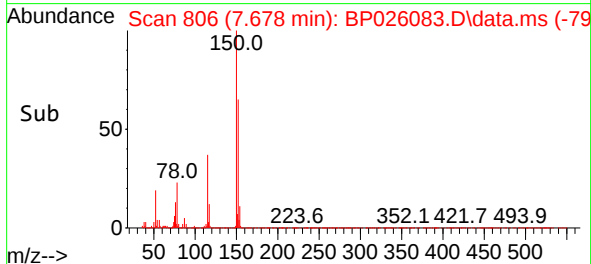
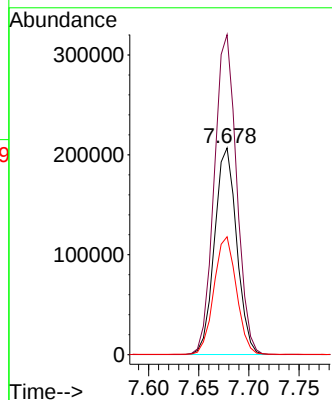
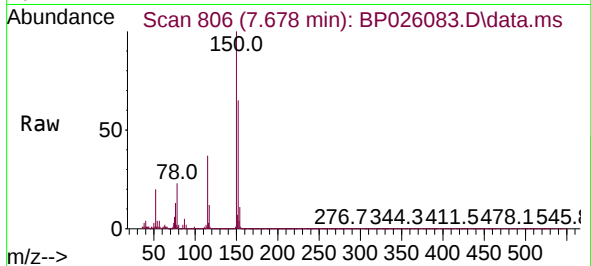




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026083.D
 Acq: 06 Nov 2025 19:07

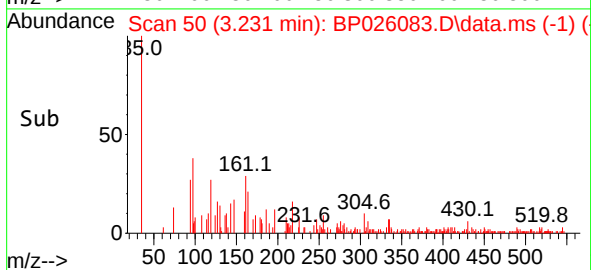
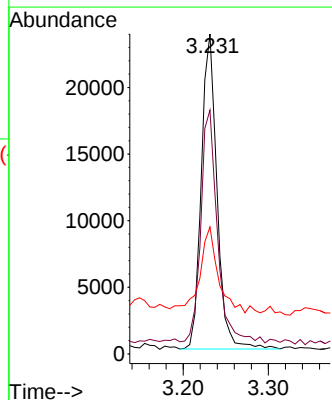
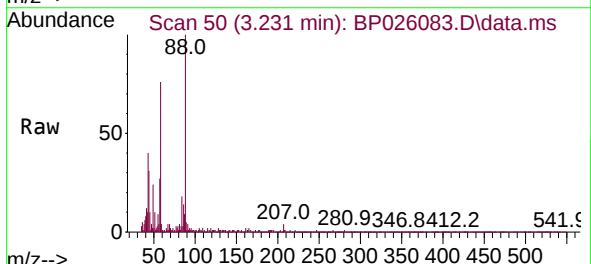
Instrument :
 BNA_P
 ClientSampleId :
 MW-5

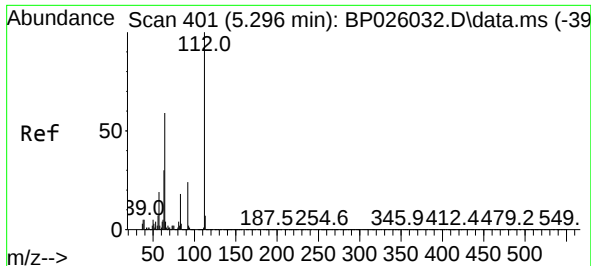
Tgt Ion:152 Resp: 318473
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.7 188.5
 115 57.0 46.4 69.6



#2
 1,4-Dioxane
 Concen: 3.719 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026083.D
 Acq: 06 Nov 2025 19:07

Tgt Ion: 88 Resp: 30263
 Ion Ratio Lower Upper
 88 100
 58 78.5 65.4 98.0
 43 0.0 23.1 34.7#

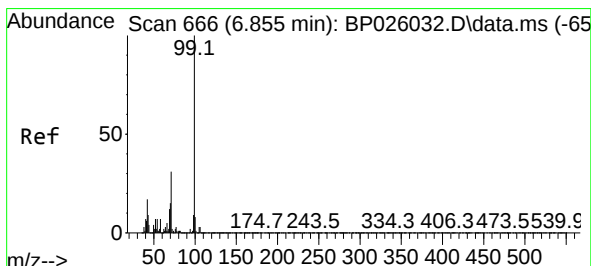
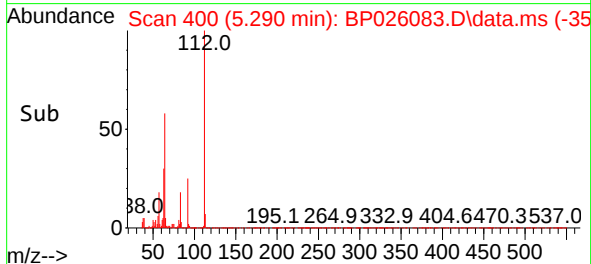
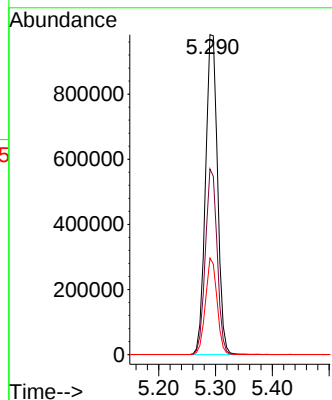
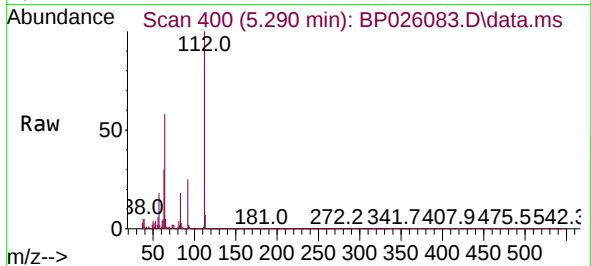




#5
2-Fluorophenol
Concen: 74.987 ng
RT: 5.290 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

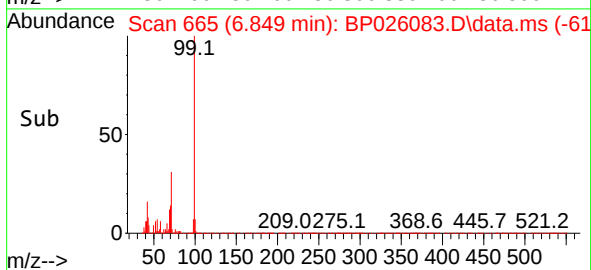
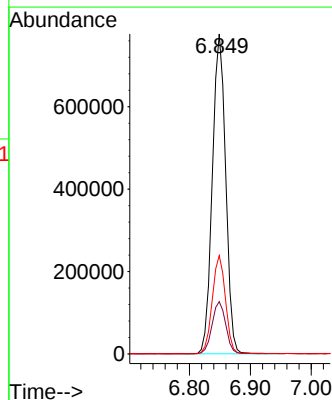
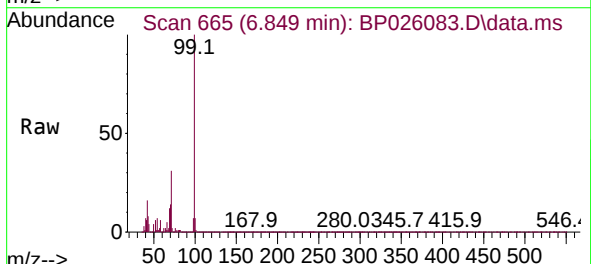
Instrument :
BNA_P
ClientSampleId :
MW-5

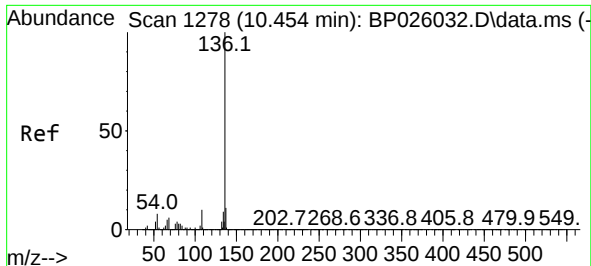
Tgt Ion:112 Resp: 1447269
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.2
63 30.1 24.2 36.4



#7
Phenol-d6
Concen: 48.171 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 99 Resp: 1183337
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.7 24.4 36.6



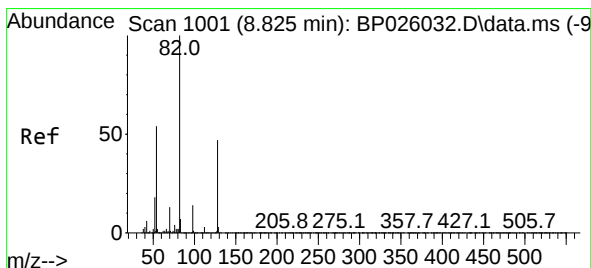
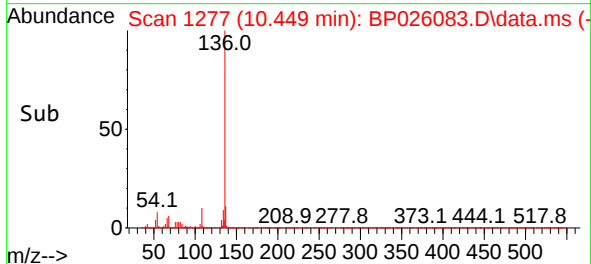
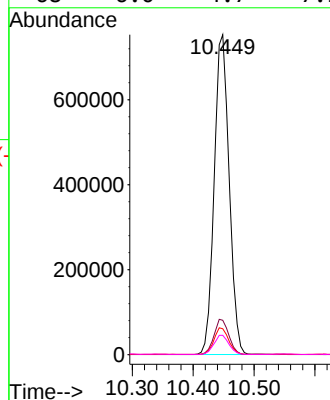
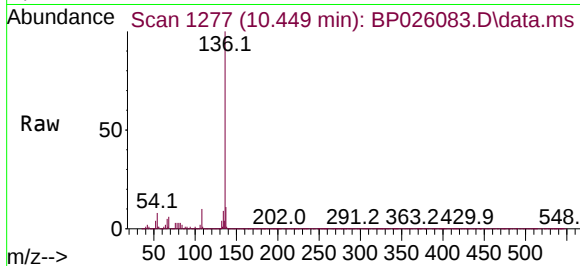


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 1283462

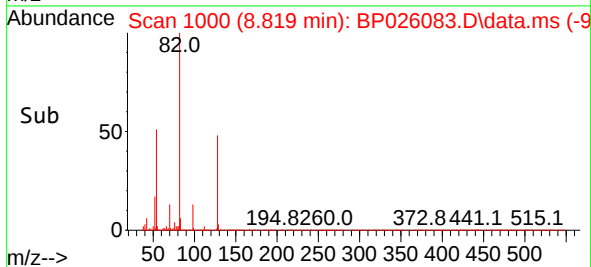
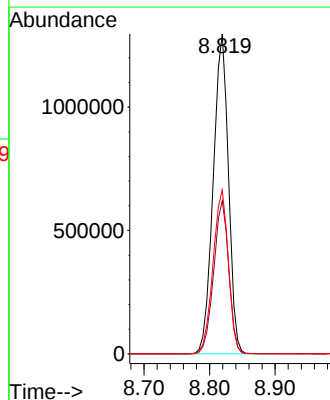
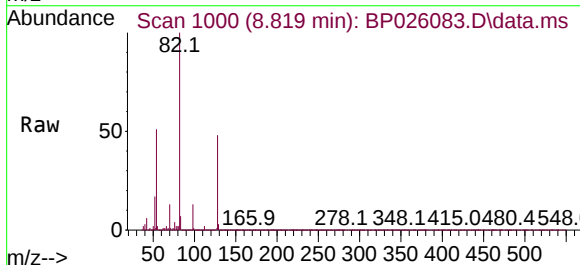
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	6.6	10.0
68	6.0	4.7	7.1

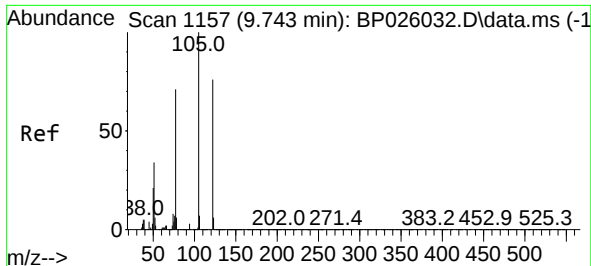


#23
Nitrobenzene-d5
Concen: 101.627 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 82 Resp: 2092316

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.4	56.0
54	51.2	42.7	64.1

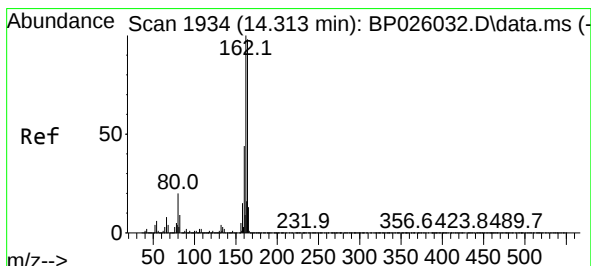
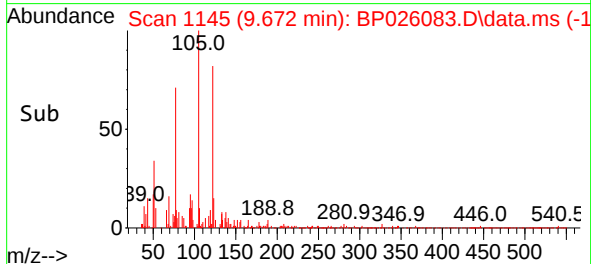
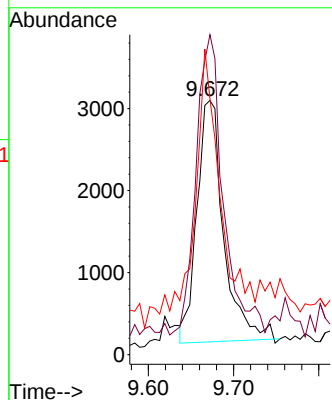
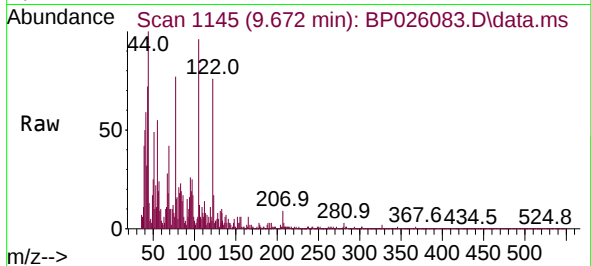




#32
Benzoic acid
Concen: 3.854 ng
RT: 9.672 min Scan# 1157
Delta R.T. -0.106 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

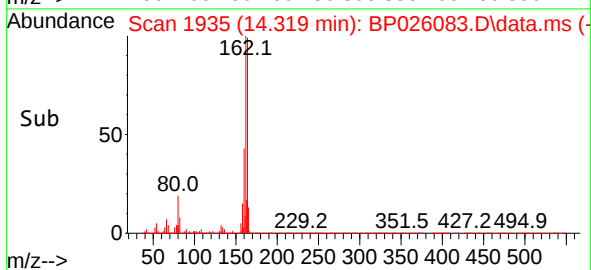
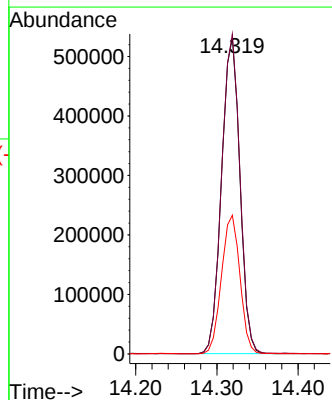
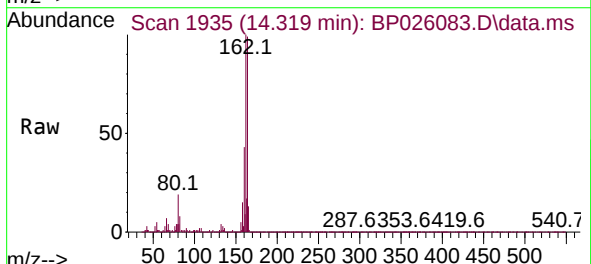
Instrument :
BNA_P
ClientSampleId :
MW-5

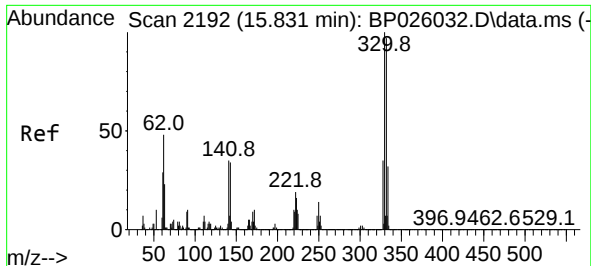
Tgt Ion:122 Resp: 6394
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 100.5 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:164 Resp: 829933
Ion Ratio Lower Upper
164 100
162 101.4 81.5 122.3
160 43.9 36.2 54.4

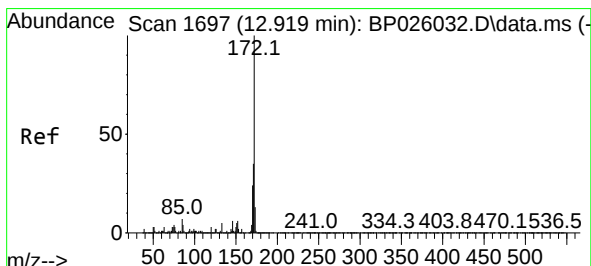
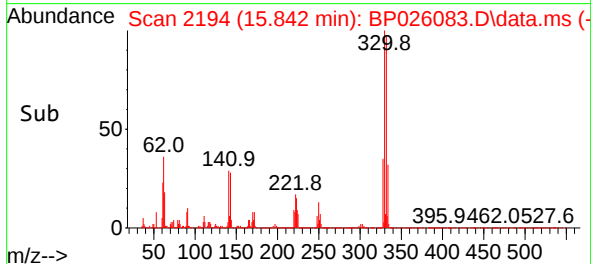
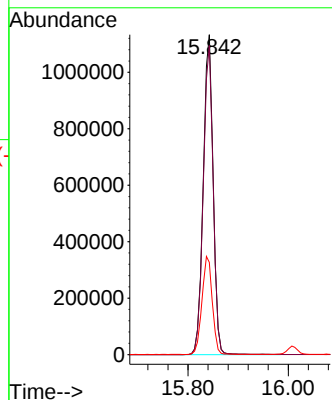
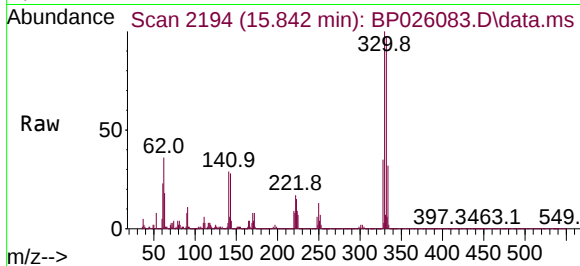




#42
2,4,6-Tribromophenol
Concen: 173.543 ng
RT: 15.842 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

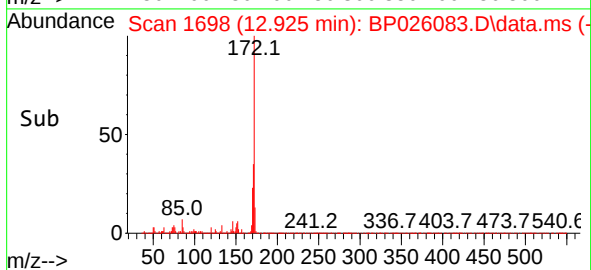
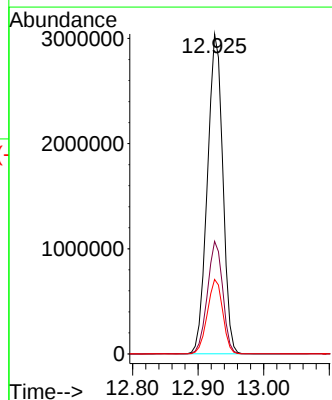
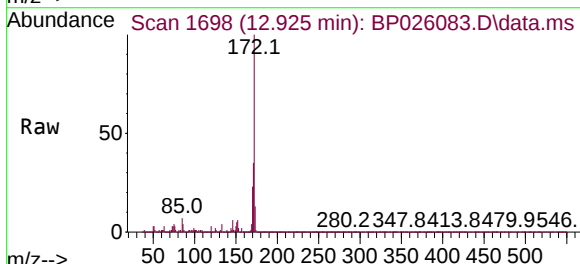
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MW-5

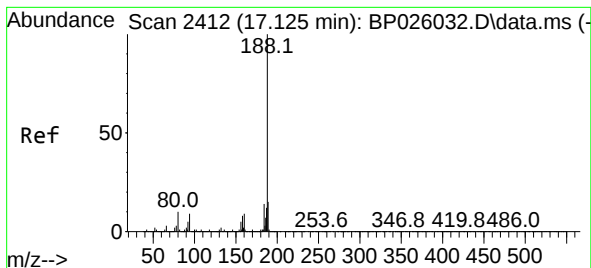
Tgt Ion:330 Resp: 1557099
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.1 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 85.726 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:172 Resp: 4951321
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.137 min Scan# 2412

Delta R.T. 0.012 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

Instrument :

BNA_P

ClientSampleId :

MW-5

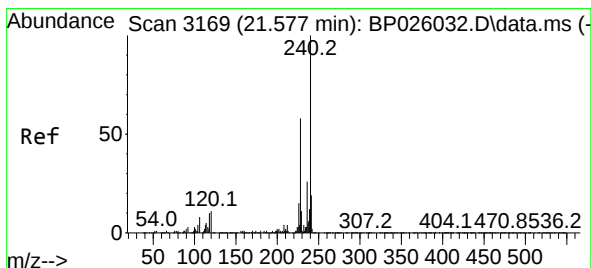
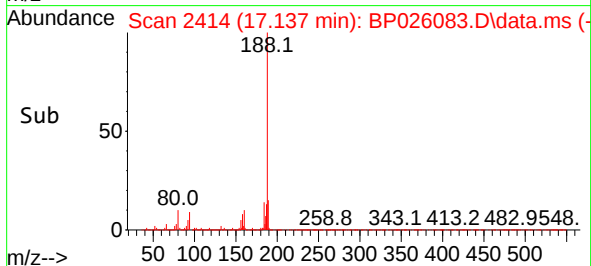
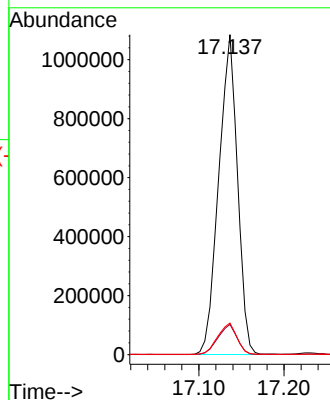
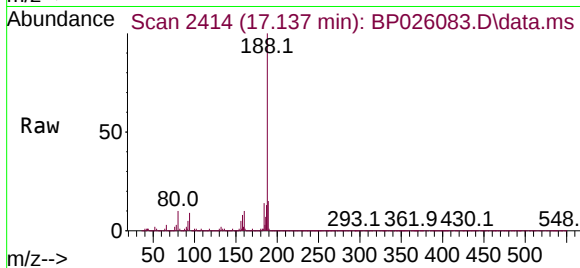
Tgt Ion:188 Resp: 1657805

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

80 9.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.018 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

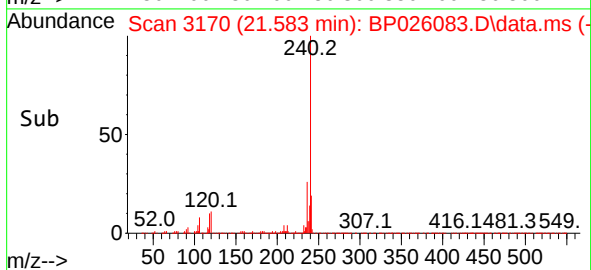
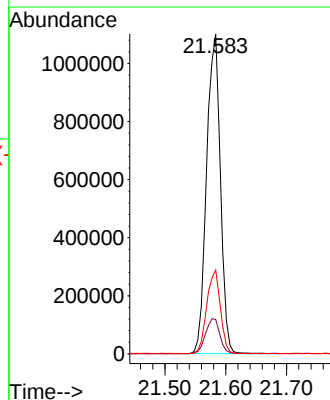
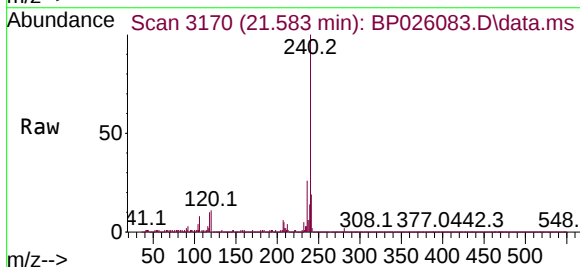
Tgt Ion:240 Resp: 1728941

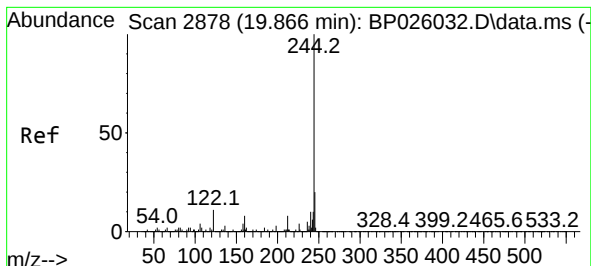
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 91.414 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

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MW-5

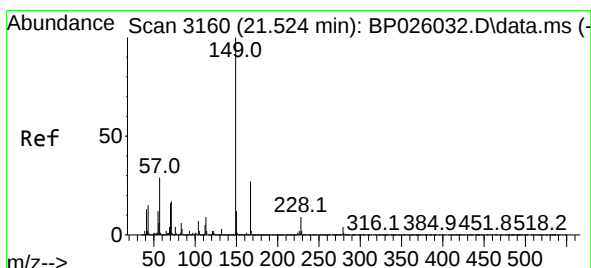
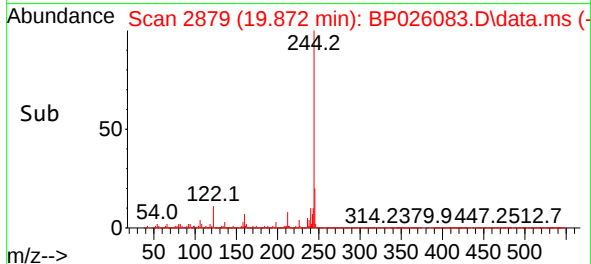
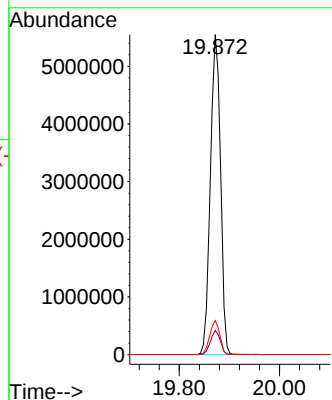
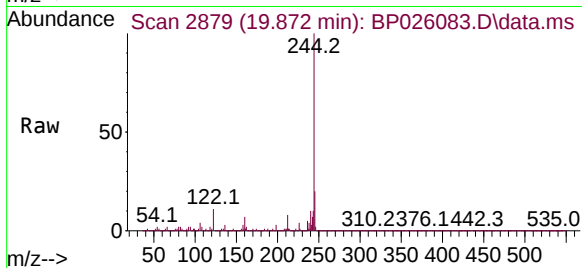
Tgt Ion:244 Resp: 7779259

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.6 9.0 13.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.875 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

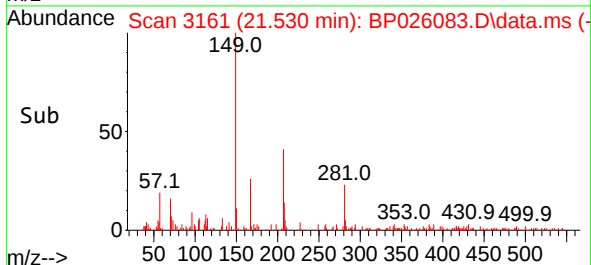
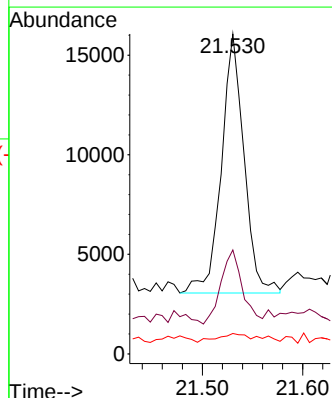
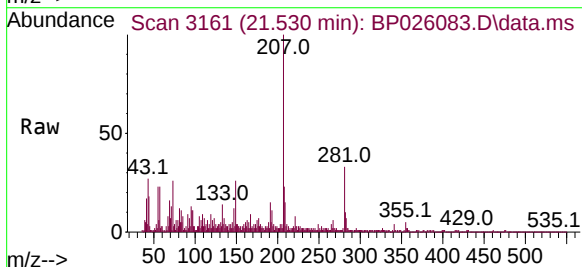
Tgt Ion:149 Resp: 20473

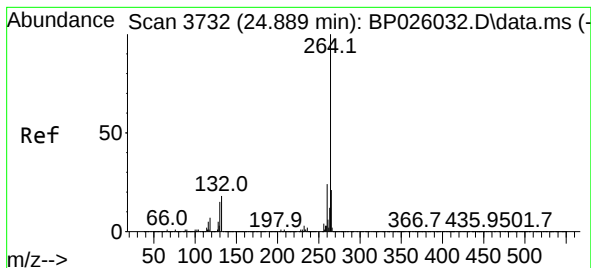
Ion Ratio Lower Upper

149 100

167 32.5 21.5 32.3#

279 6.4 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.901 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

Instrument :

BNA_P

ClientSampleId :

MW-5

Tgt Ion:264 Resp: 2004698

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.2 17.2 25.8

