

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024681.D
 Acq On : 17 May 2025 08:01
 Operator : RC/JU
 Sample : Q2032-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: May 19 01:08:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

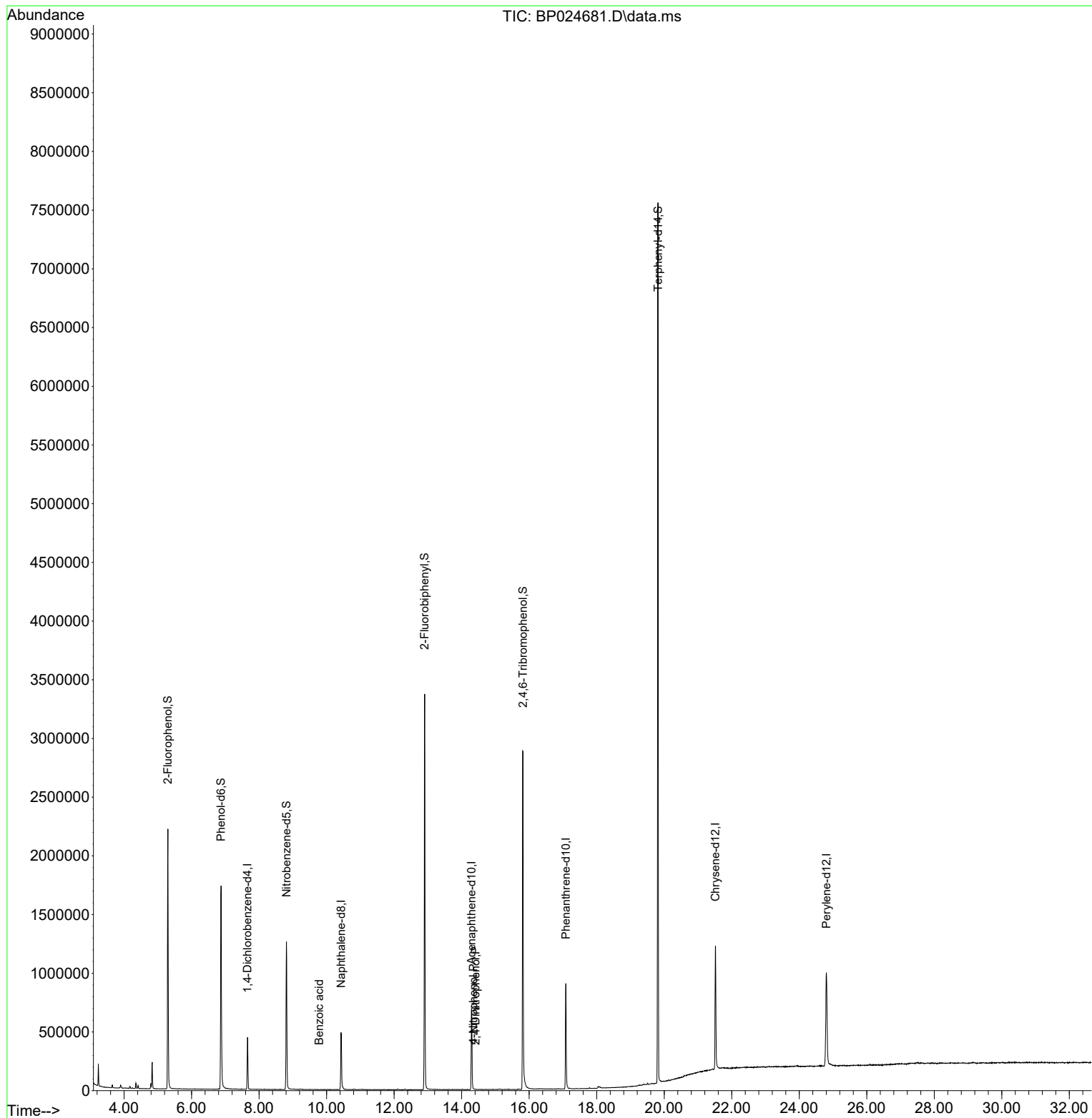
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	119996	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	448843	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	278421	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	578153	20.000	ng	-0.01
76) Chrysene-d12	21.515	240	710416	20.000	ng	0.00
86) Perylene-d12	24.803	264	884439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	983706	140.213	ng	0.01
7) Phenol-d6	6.875	99	1134686	126.723	ng	0.02
23) Nitrobenzene-d5	8.810	82	708845	79.795	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	782153	165.709	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1747911	82.249	ng	0.00
79) Terphenyl-d14	19.815	244	3582646	86.472	ng	0.00
Target Compounds						
32) Benzoic acid	9.781	122	9	7.470	ng	Qvalue # 1
54) 2,4-Dinitrophenol	14.410	184	13	6.405	ng	# 1
56) 4-Nitrophenol	14.351	139	34	4.242	ng	93

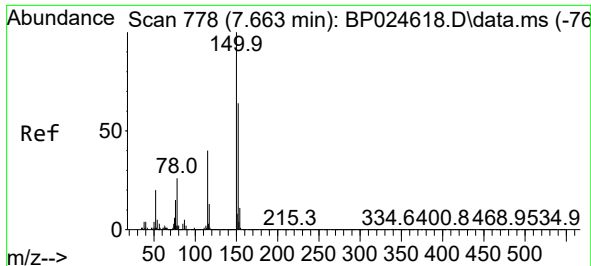
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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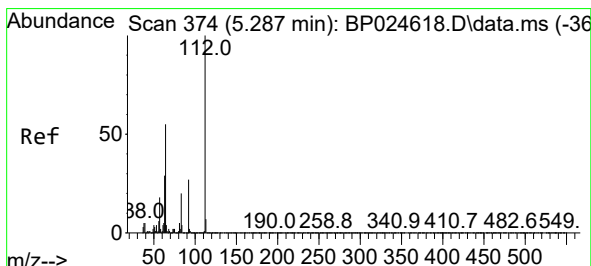
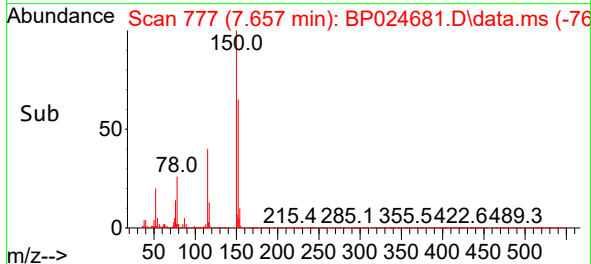
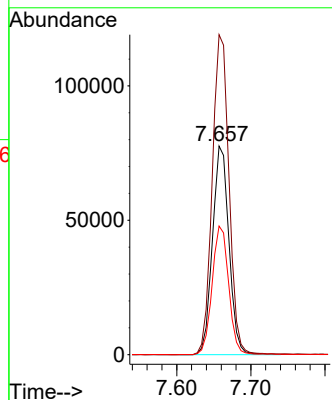
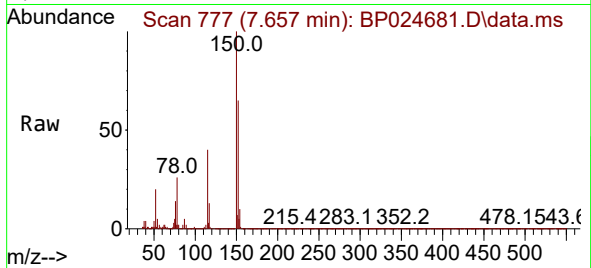




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

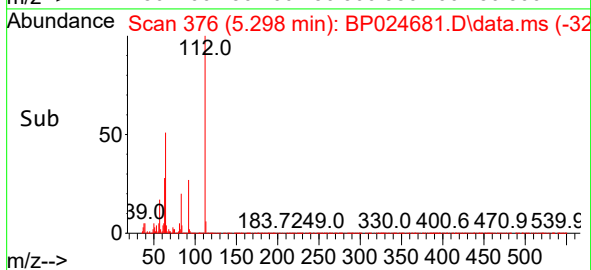
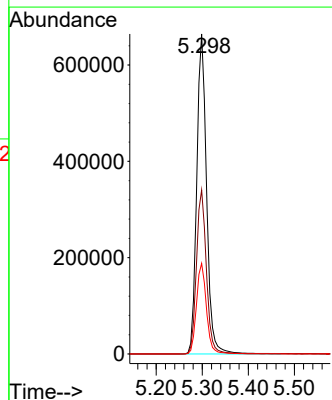
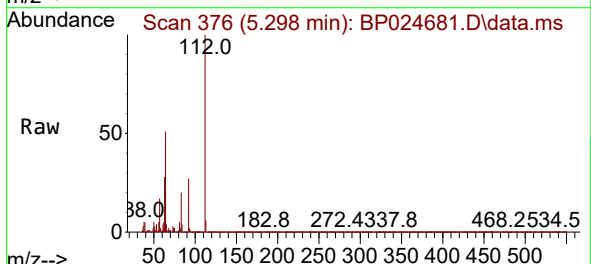
Instrument :
BNA_P
ClientSampleId :
COMP-1

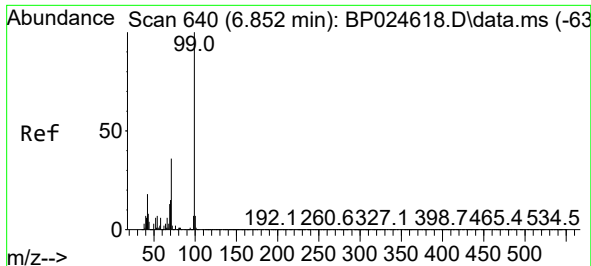
Tgt Ion:152 Resp: 119996
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 140.213 ng
RT: 5.298 min Scan# 376
Delta R.T. 0.011 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

Tgt Ion:112 Resp: 983706
Ion Ratio Lower Upper
112 100
64 51.2 44.1 66.1
63 28.3 23.5 35.3

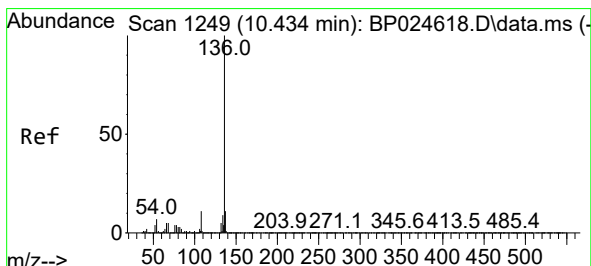
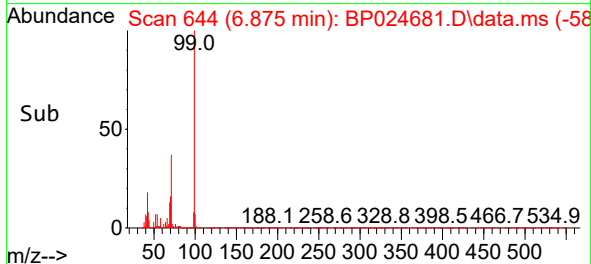
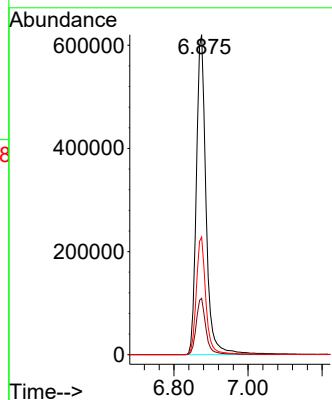
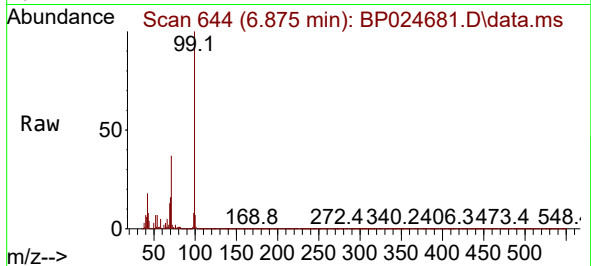




#7
Phenol-d6
Concen: 126.723 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.023 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

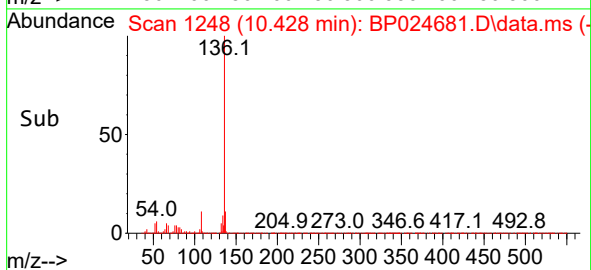
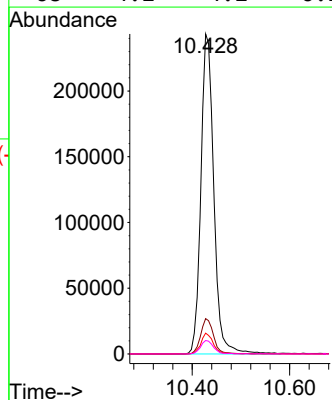
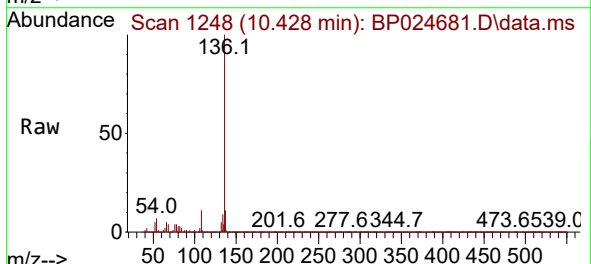
Instrument :
BNA_P
ClientSampleId :
COMP-1

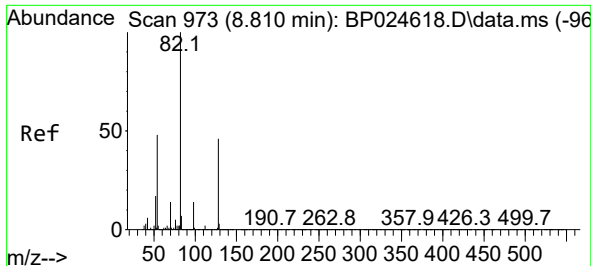
Tgt Ion: 99 Resp: 1134686
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

Tgt Ion: 136 Resp: 448843
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.5 8.3
68 4.2 4.2 6.2

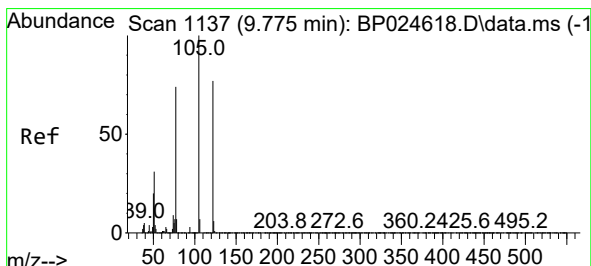
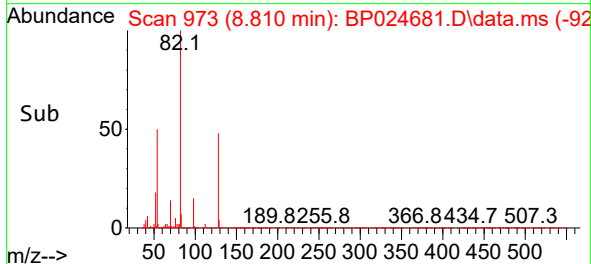
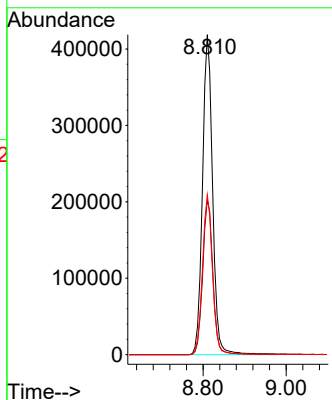
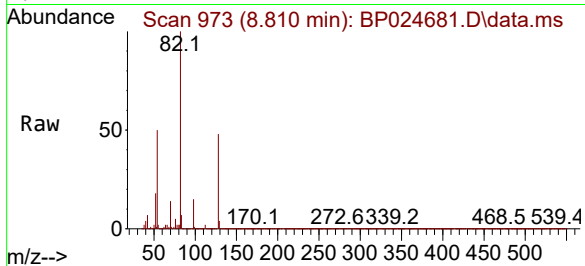




#23
Nitrobenzene-d5
Concen: 79.795 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

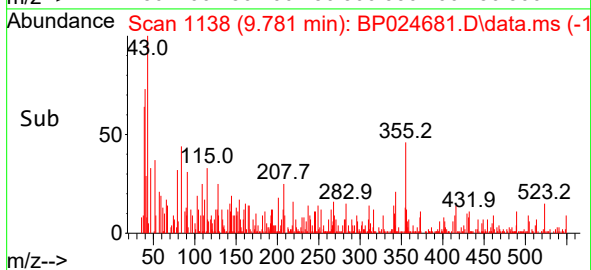
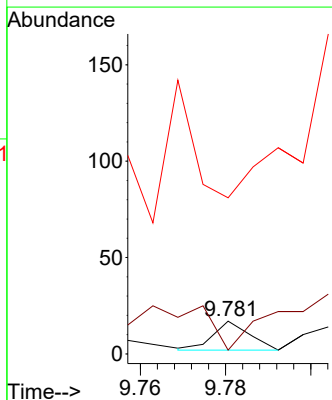
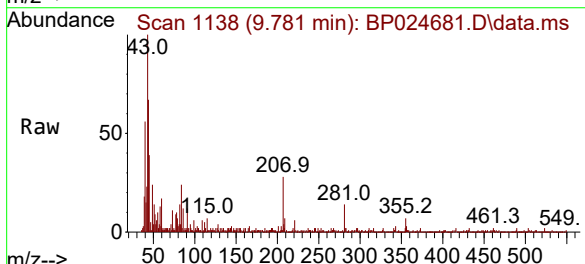
Instrument :
BNA_P
ClientSampleId :
COMP-1

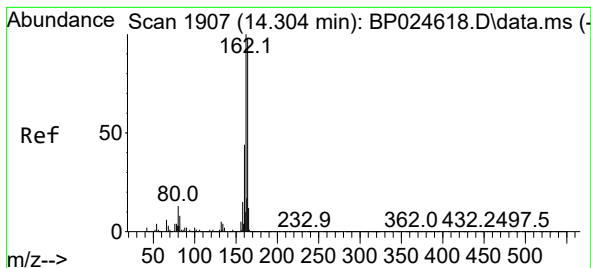
Tgt Ion: 82 Resp: 708845
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.4
54 50.0 38.7 58.1



#32
Benzoic acid
Concen: 7.470 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

Tgt Ion:122 Resp: 9
Ion Ratio Lower Upper
122 100
105 11.8 106.9 146.9#
77 476.5 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024681.D

Acq: 17 May 2025 08:01

Instrument :

BNA_P

ClientSampleId :

COMP-1

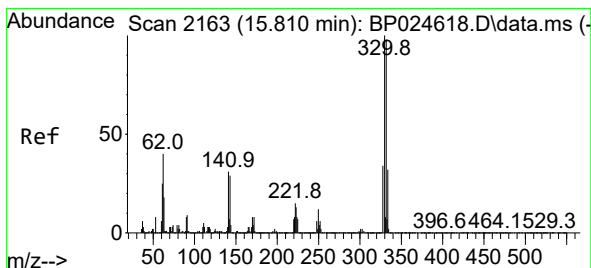
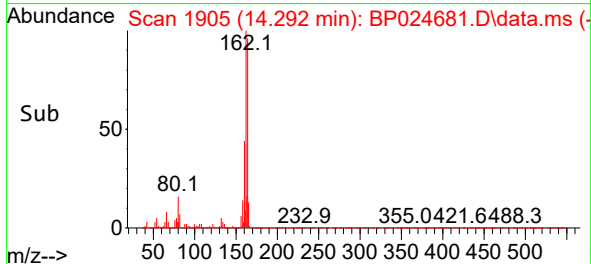
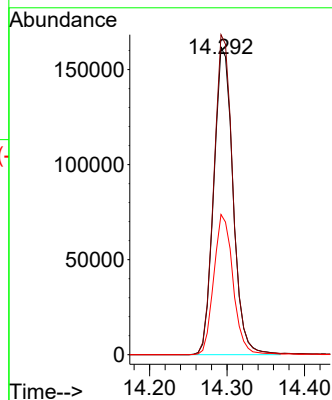
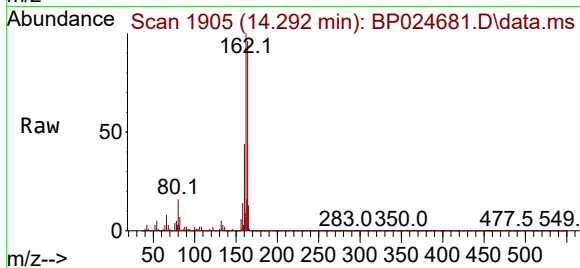
Tgt Ion:164 Resp: 278421

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.6

160 45.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 165.709 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024681.D

Acq: 17 May 2025 08:01

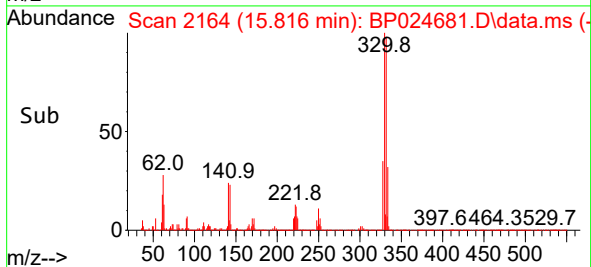
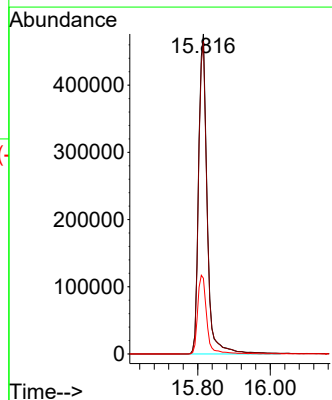
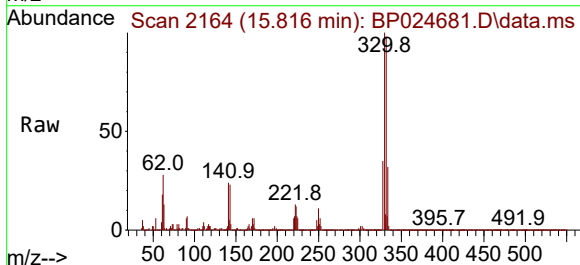
Tgt Ion:330 Resp: 782153

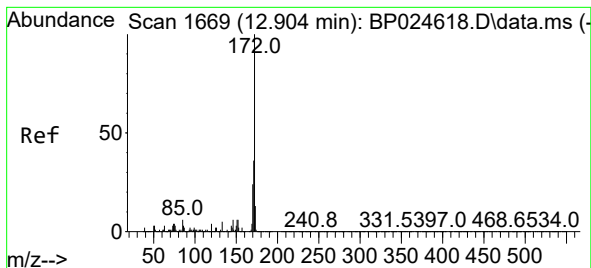
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 26.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 82.249 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024681.D

Acq: 17 May 2025 08:01

Instrument :

BNA_P

ClientSampleId :

COMP-1

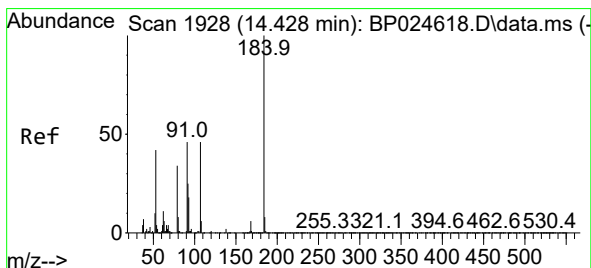
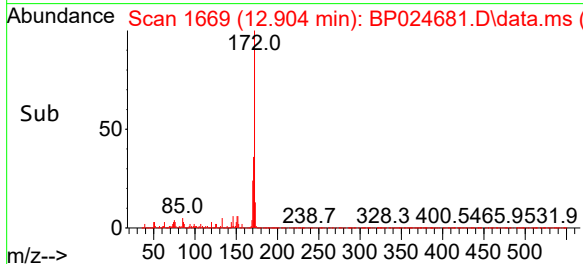
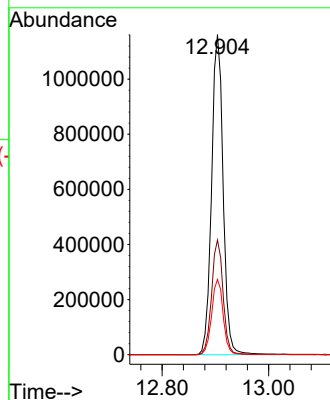
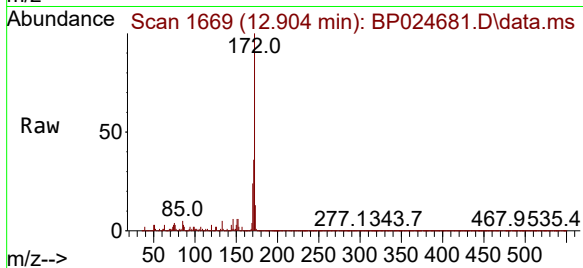
Tgt Ion:172 Resp: 1747911

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP024681.D

Acq: 17 May 2025 08:01

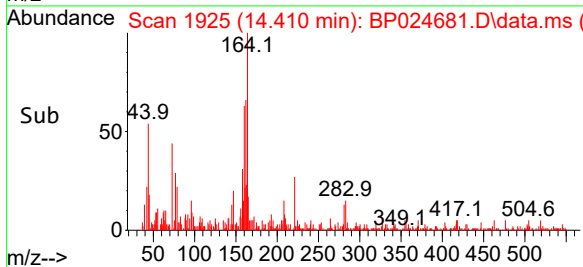
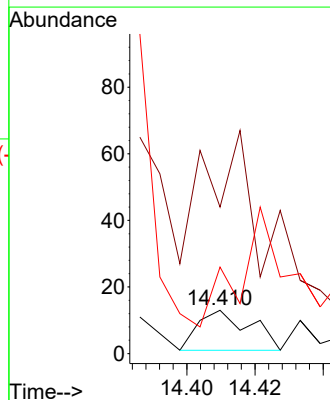
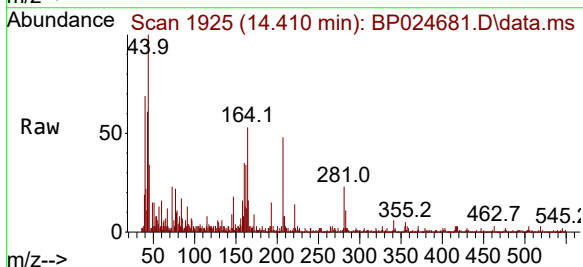
Tgt Ion:184 Resp: 13

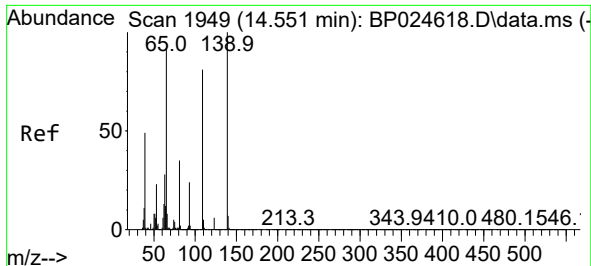
Ion Ratio Lower Upper

184 100

63 484.6 51.3 76.9#

154 200.0 53.5 80.3#

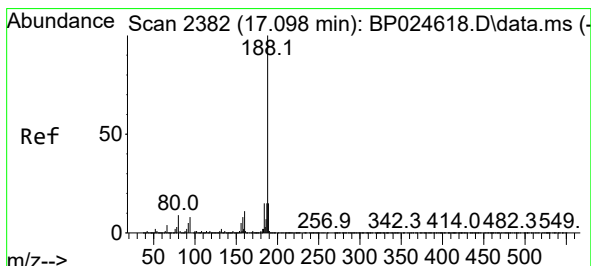
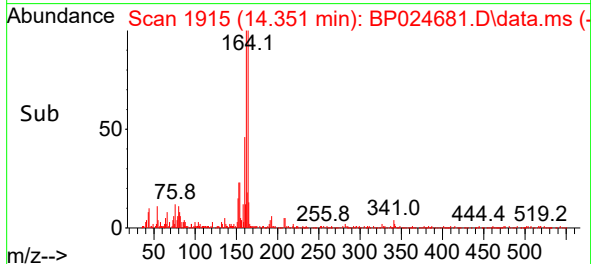
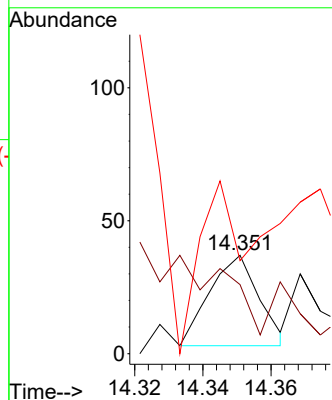
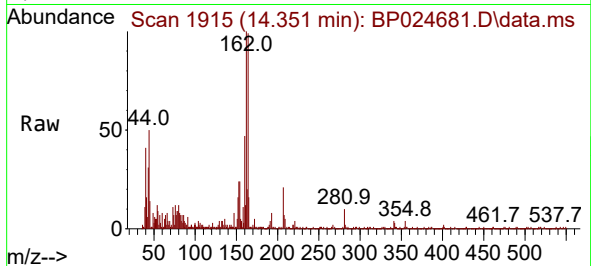




#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.351 min Scan# 1949
Delta R.T. -0.200 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

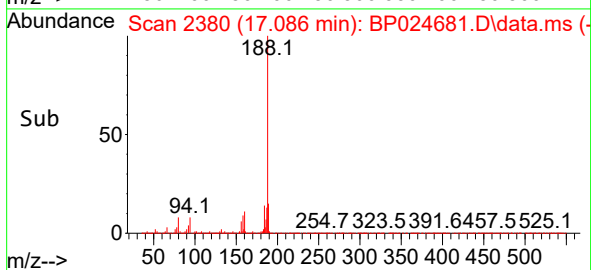
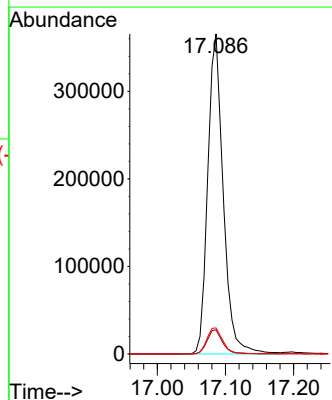
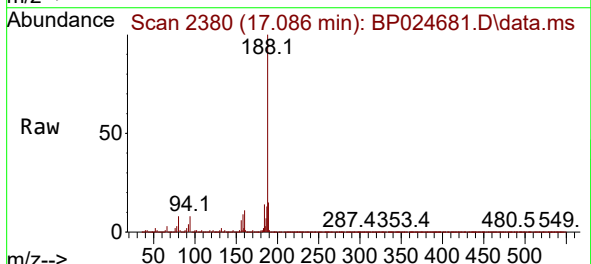
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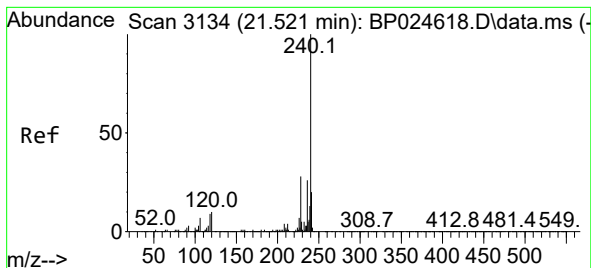
Tgt Ion:139 Resp: 34
Ion Ratio Lower Upper
139 100
109 70.3 61.4 101.4
65 94.6 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

Tgt Ion:188 Resp: 578153
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.1 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024681.D

Acq: 17 May 2025 08:01

Instrument :

BNA_P

ClientSampleId :

COMP-1

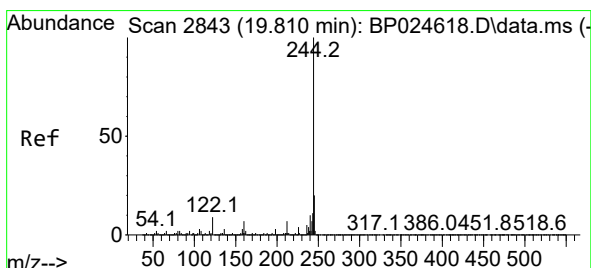
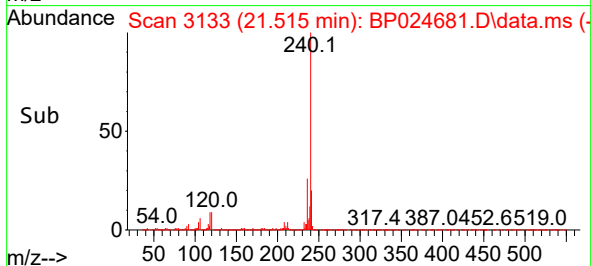
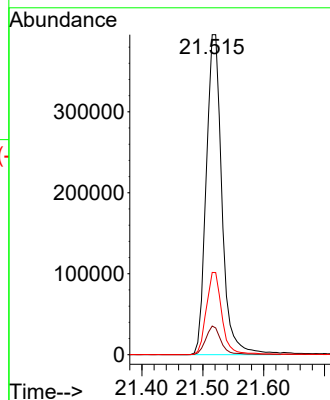
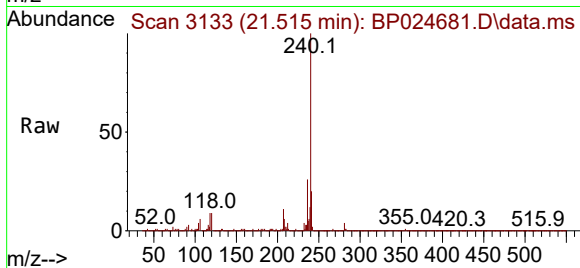
Tgt Ion:240 Resp: 710416

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 86.472 ng

RT: 19.815 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024681.D

Acq: 17 May 2025 08:01

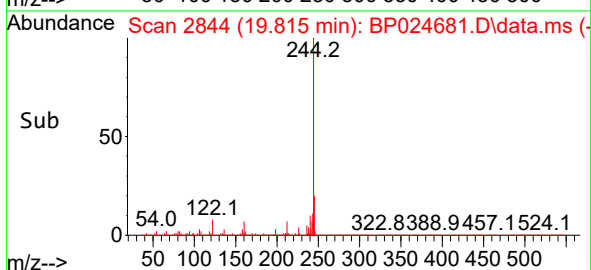
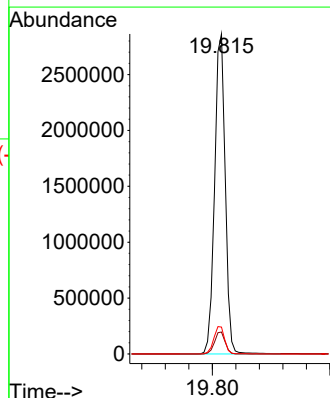
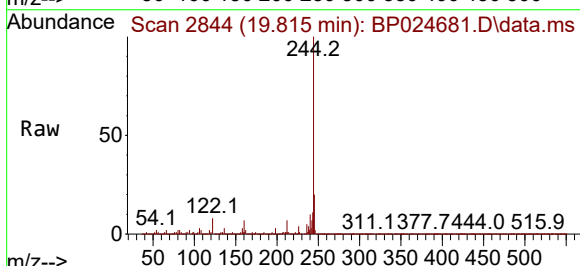
Tgt Ion:244 Resp: 3582646

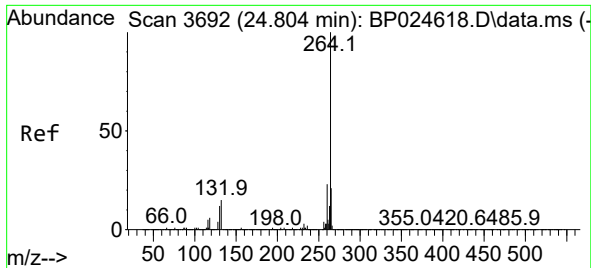
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.4 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.803 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP024681.D
Acq: 17 May 2025 08:01

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:264 Resp: 884439
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.2 17.0 25.6

