

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024680.D
 Acq On : 17 May 2025 07:20
 Operator : RC/JU
 Sample : Q2048-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L2-WC-4

Quant Time: May 19 01:08:02 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)

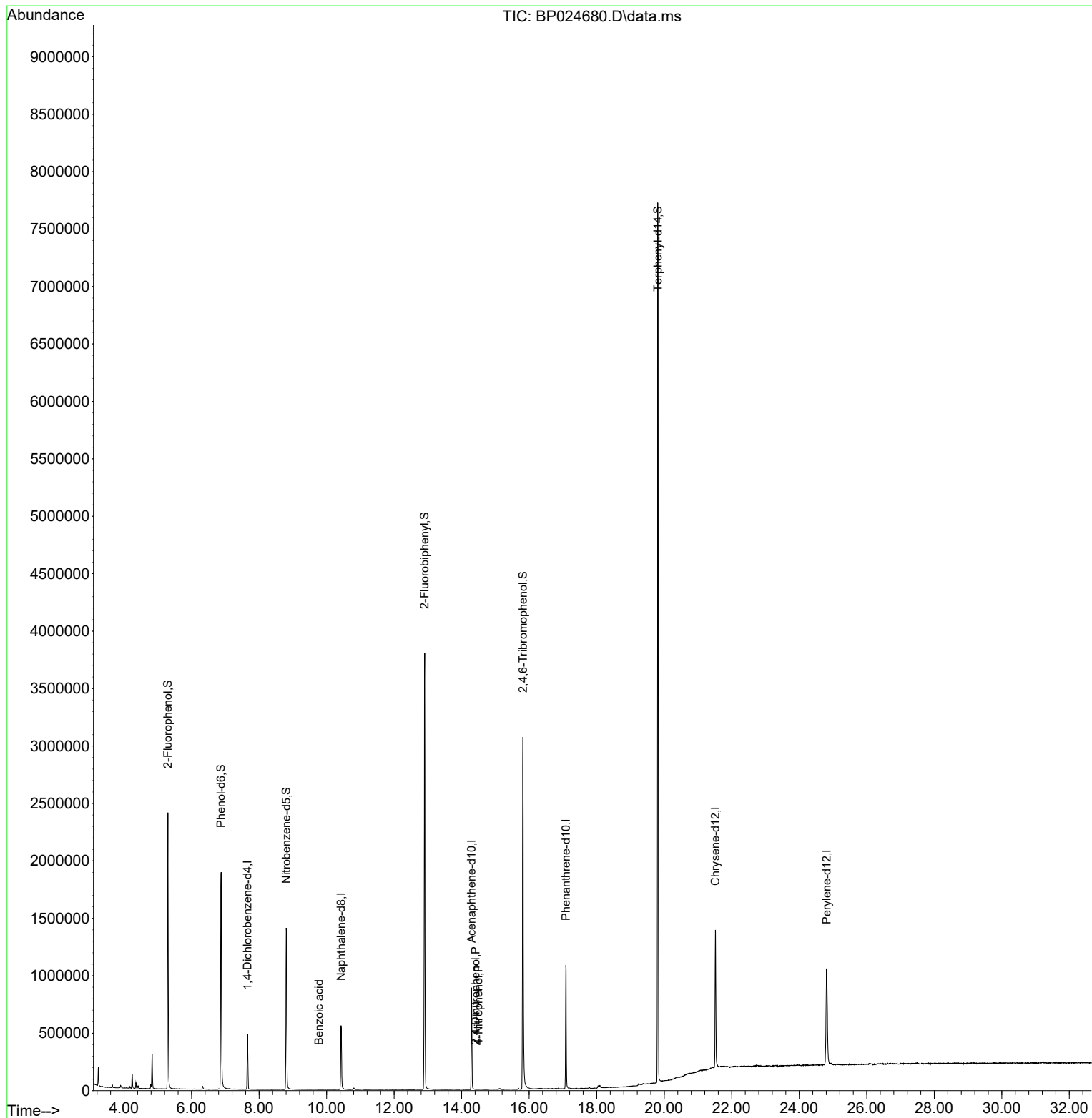
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	128888	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	497674	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	302441	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	621933	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	755050	20.000	ng	0.00
86) Perylene-d12	24.810	264	941196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1042006	138.276	ng	0.01
7) Phenol-d6	6.875	99	1209197	125.728	ng	0.02
23) Nitrobenzene-d5	8.805	82	809092	82.143	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	793727	154.806	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2031039	87.981	ng	0.00
79) Terphenyl-d14	19.810	244	3793849	86.157	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.775	122	28	7.473	ng	# 21
54) 2,4-Dinitrophenol	14.410	184	27	6.409	ng	# 8
56) 4-Nitrophenol	14.498	139	20	4.239	ng	91

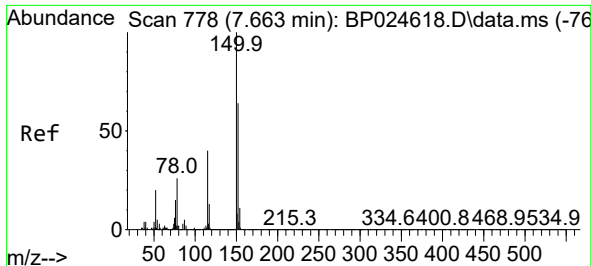
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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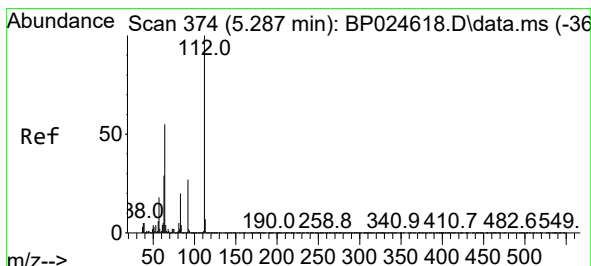
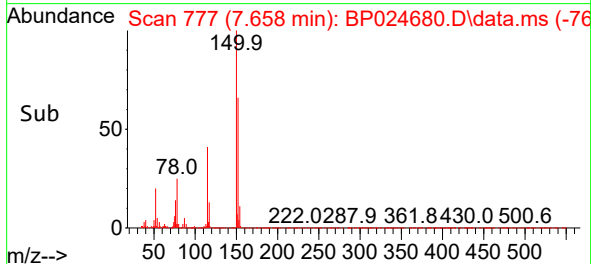
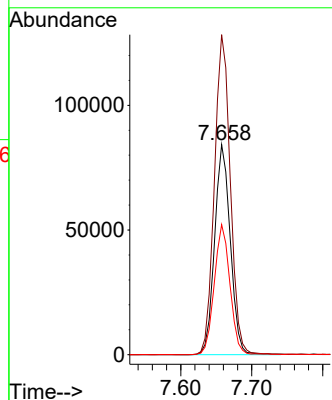
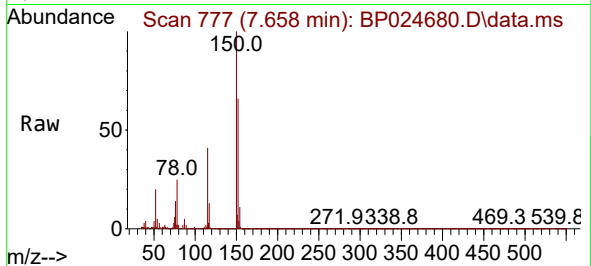




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

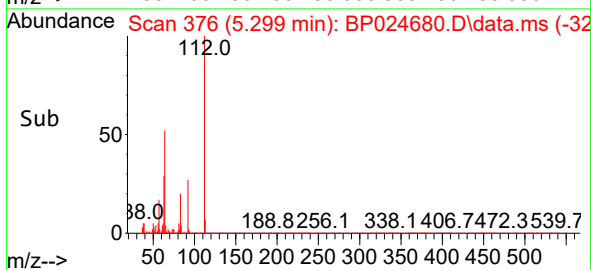
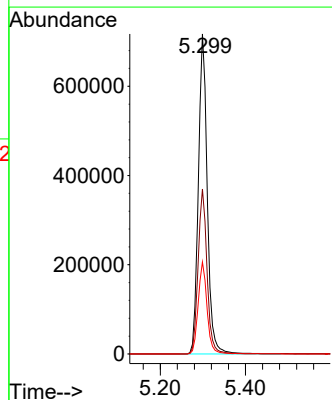
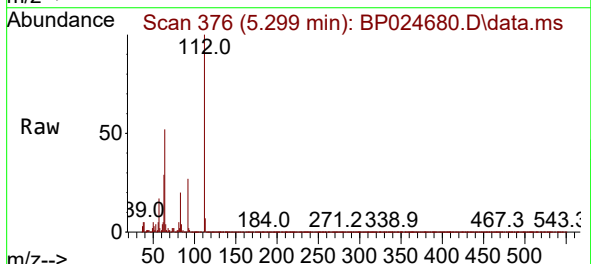
Instrument :
BNA_P
ClientSampleId :
L2-WC-4

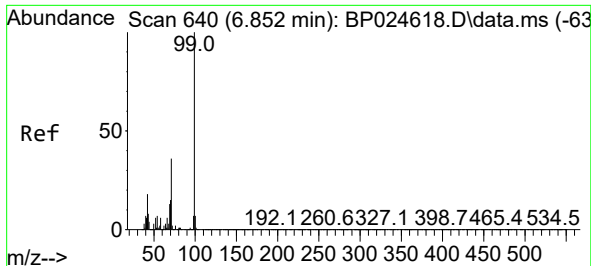
Tgt Ion:152 Resp: 128888
Ion Ratio Lower Upper
152 100
150 152.3 125.9 188.9
115 61.9 50.1 75.1



#5
2-Fluorophenol
Concen: 138.276 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Tgt Ion:112 Resp: 1042006
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 28.8 23.5 35.3

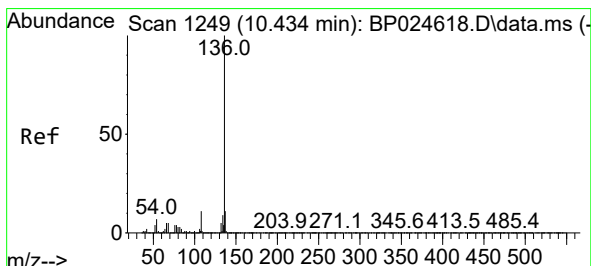
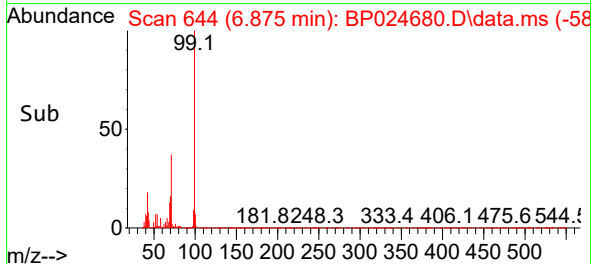
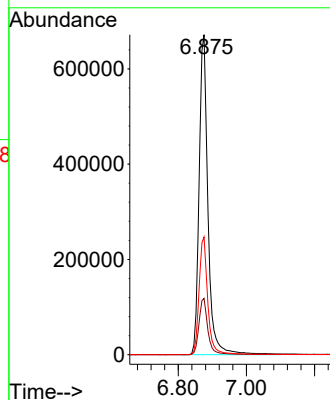
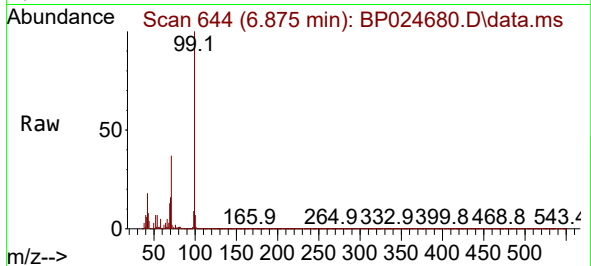




#7
Phenol-d6
Concen: 125.728 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

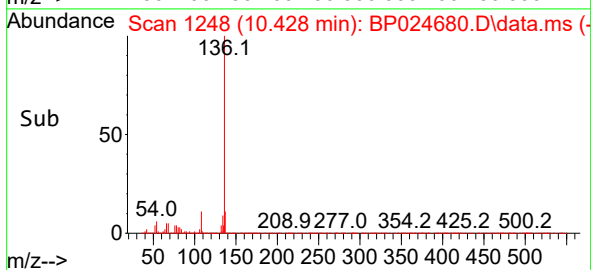
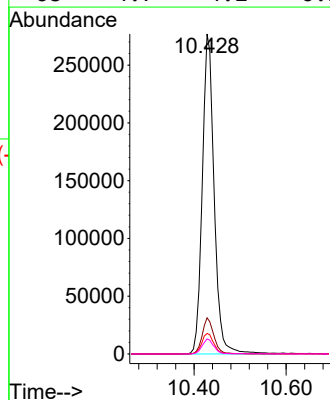
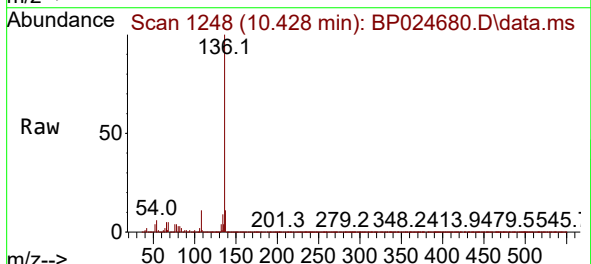
Instrument :
BNA_P
ClientSampleId :
L2-WC-4

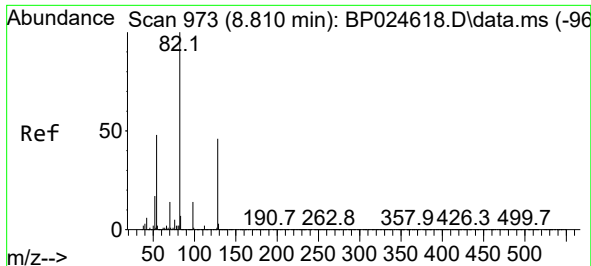
Tgt Ion: 99 Resp: 1209197
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Tgt Ion: 136 Resp: 497674
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.4 5.5 8.3
68 4.7 4.2 6.2

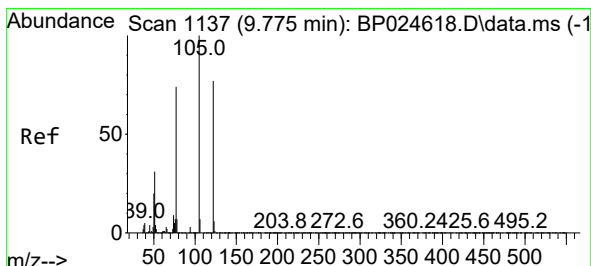
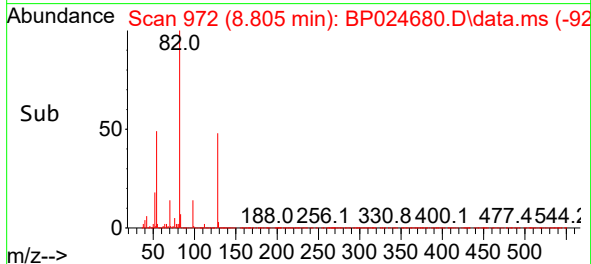
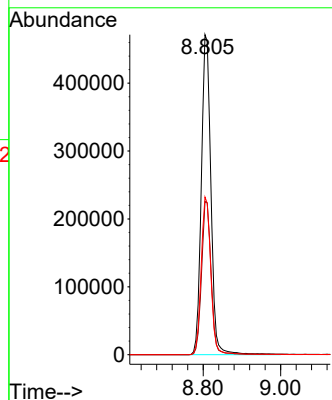
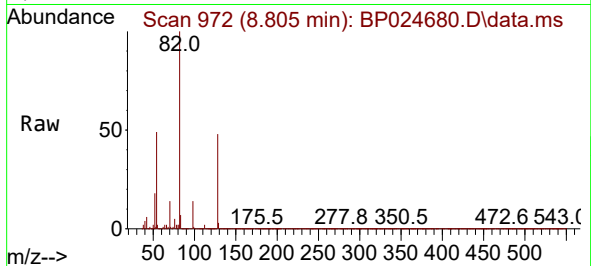




#23
Nitrobenzene-d5
Concen: 82.143 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

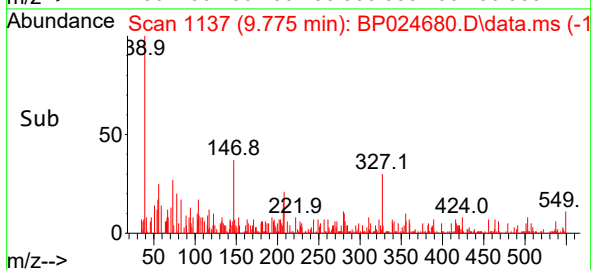
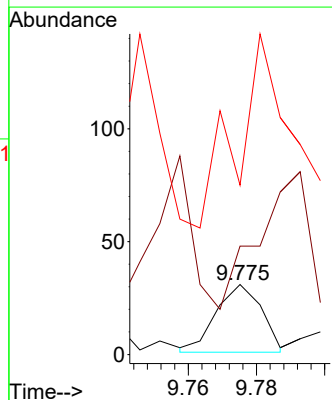
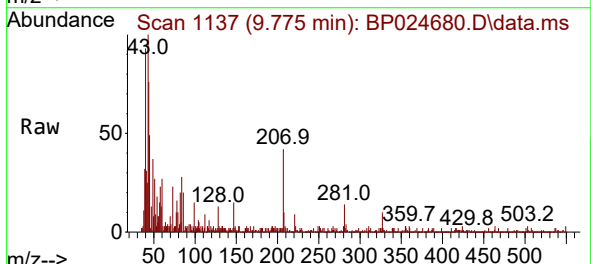
Instrument :
BNA_P
ClientSampleId :
L2-WC-4

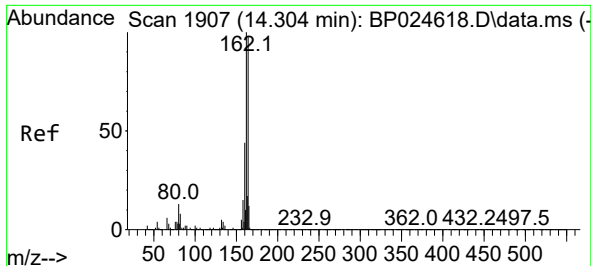
Tgt Ion: 82 Resp: 809092
Ion Ratio Lower Upper
82 100
128 47.9 37.0 55.4
54 49.3 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Tgt Ion:122 Resp: 28
Ion Ratio Lower Upper
122 100
105 154.8 106.9 146.9#
77 241.9 75.1 115.1#

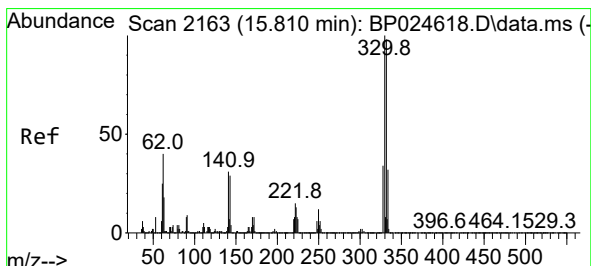
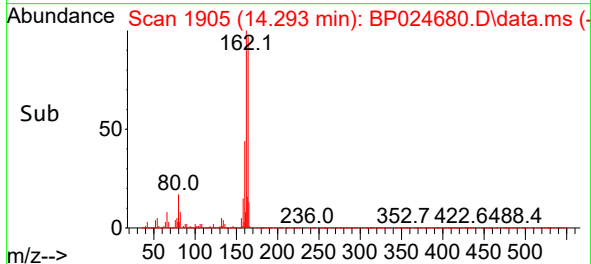
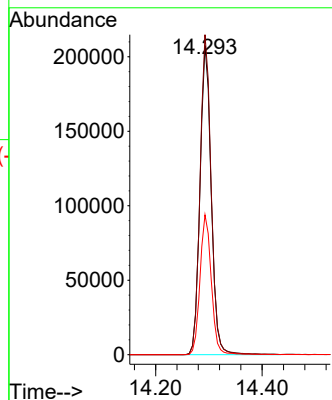
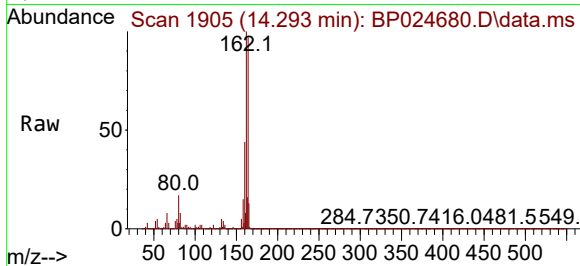




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

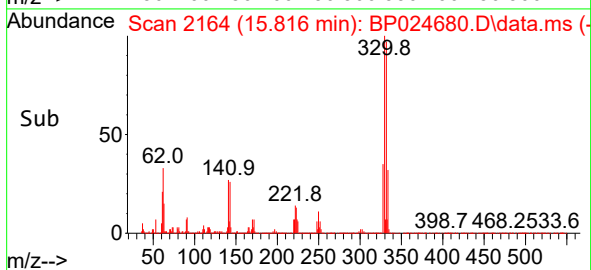
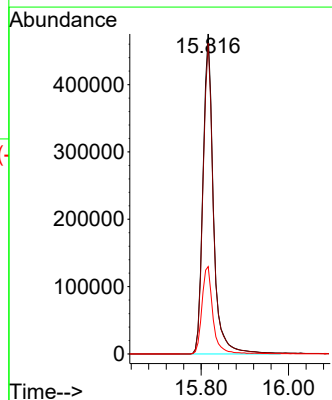
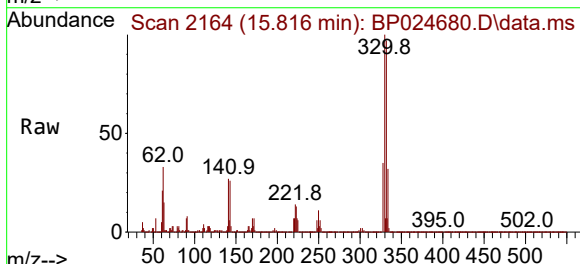
Instrument :
BNA_P
ClientSampleId :
L2-WC-4

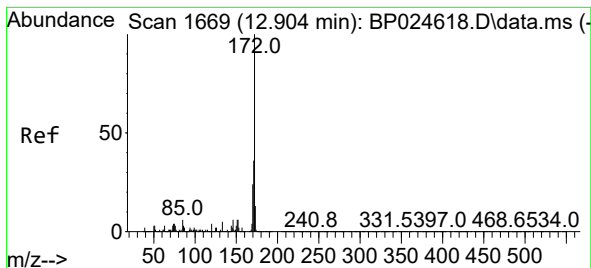
Tgt Ion:164 Resp: 302441
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 154.806 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Tgt Ion:330 Resp: 793727
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 28.8 24.3 36.5

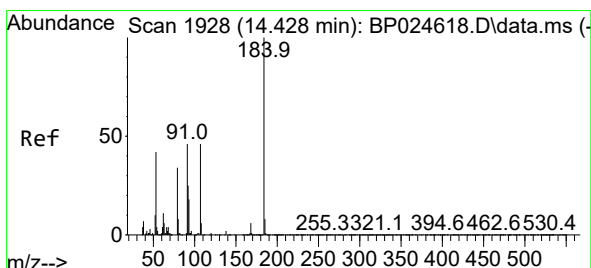
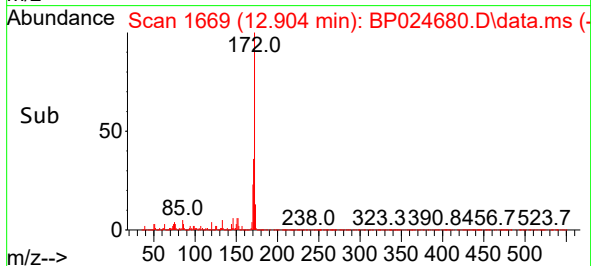
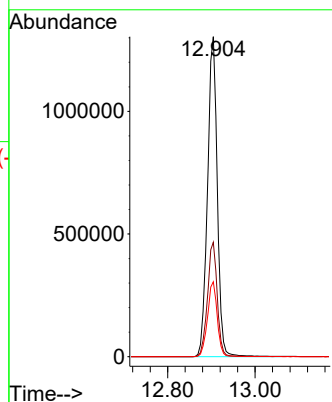
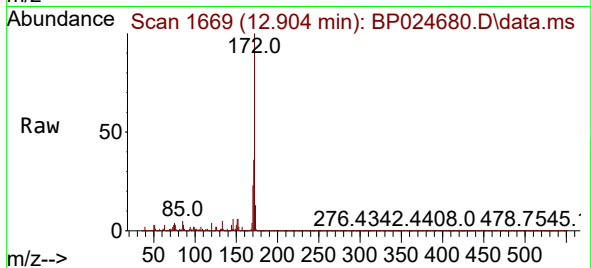




#45
2-Fluorobiphenyl
Concen: 87.981 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

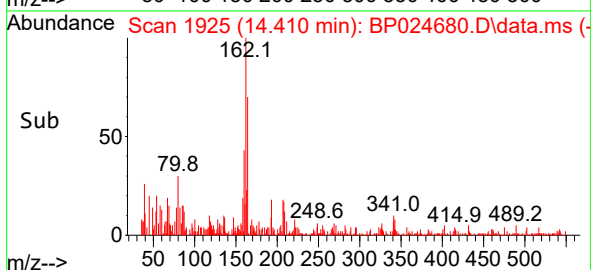
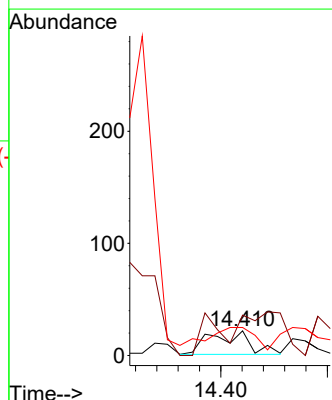
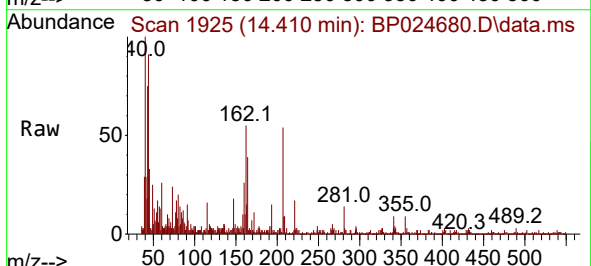
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L2-WC-4

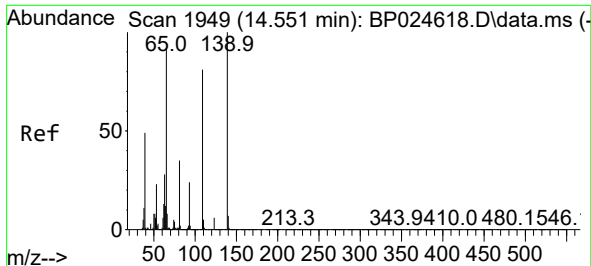
Tgt Ion:172 Resp: 2031039
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.4 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.409 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 163.6 51.3 76.9#
154 113.6 53.5 80.3#

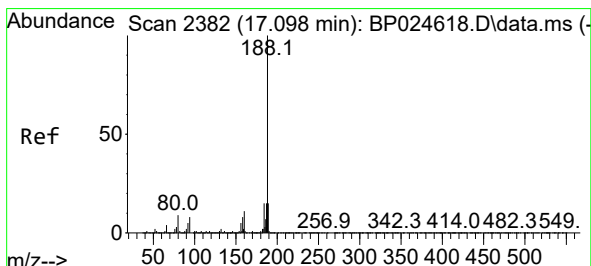
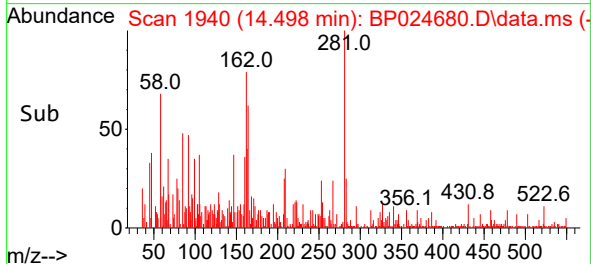
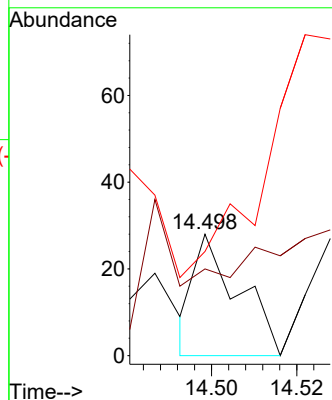
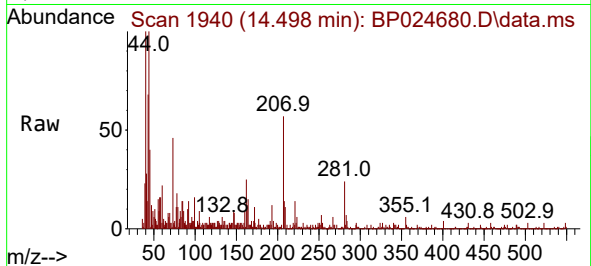




#56
4-Nitrophenol
Concen: 4.239 ng
RT: 14.498 min Scan# 1949
Delta R.T. -0.053 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

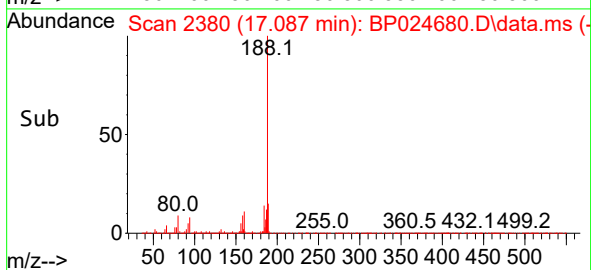
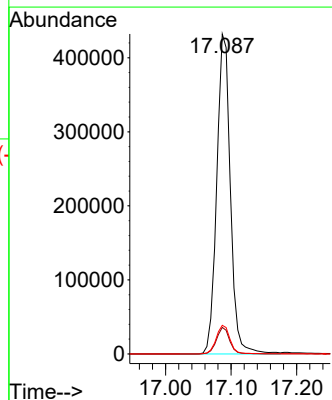
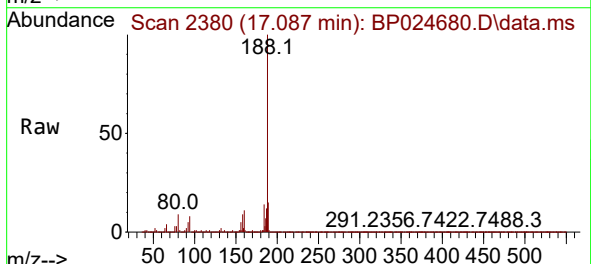
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L2-WC-4

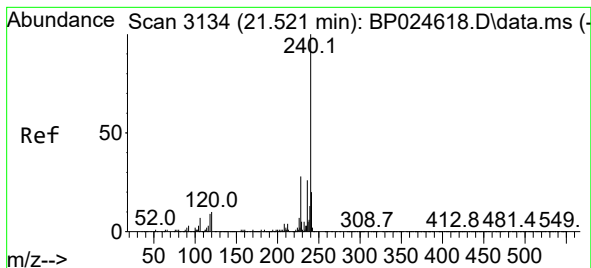
Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 71.4 61.4 101.4
65 85.7 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Tgt Ion:188 Resp: 621933
Ion Ratio Lower Upper
188 100
94 8.3 6.5 9.7
80 9.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

Instrument :

BNA_P

ClientSampleId :

L2-WC-4

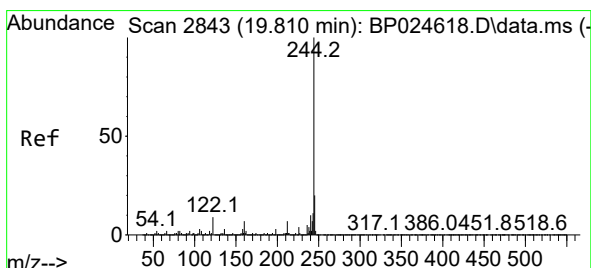
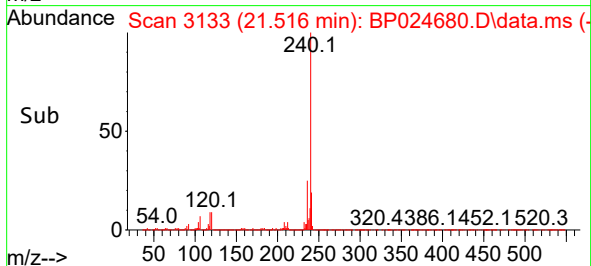
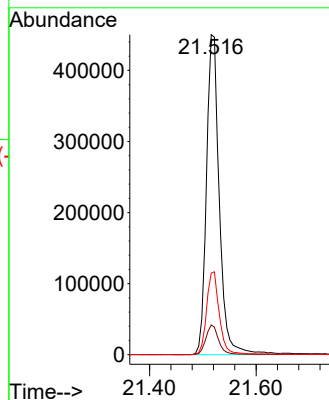
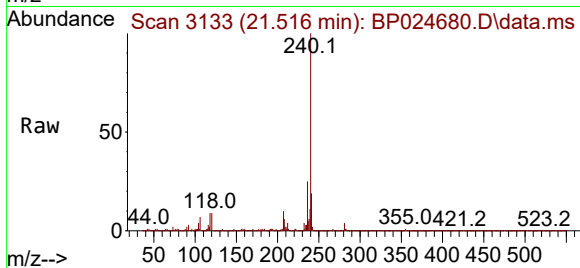
Tgt Ion:240 Resp: 755050

Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 86.157 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

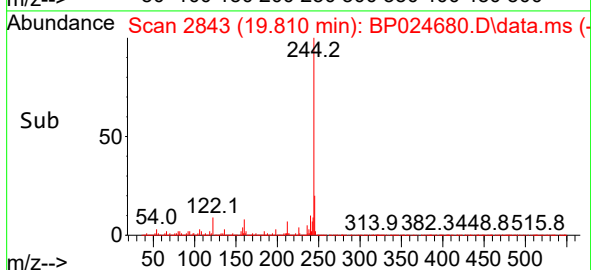
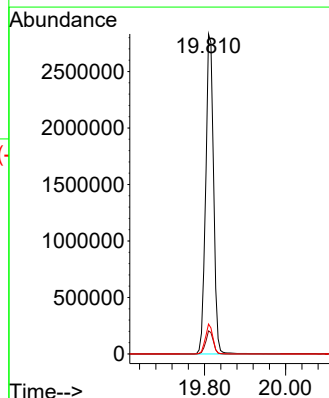
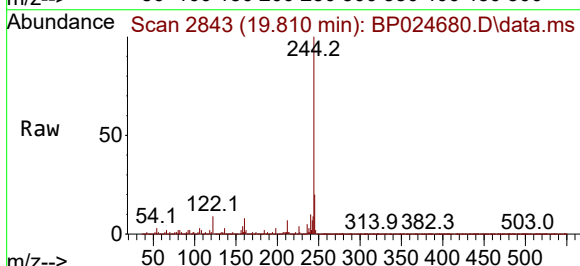
Tgt Ion:244 Resp: 3793849

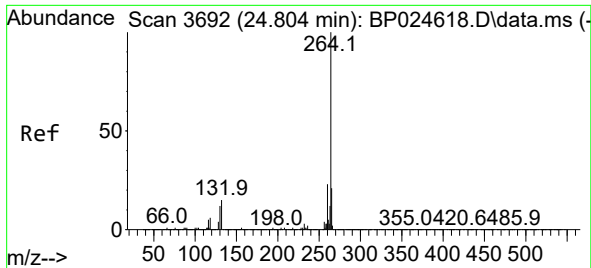
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.4 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP024680.D
Acq: 17 May 2025 07:20

Instrument :
BNA_P
ClientSampleId :
L2-WC-4

Tgt Ion:264 Resp: 941196
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.7 17.0 25.6

