

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024675.D
 Acq On : 17 May 2025 03:55
 Operator : RC/JU
 Sample : Q2034-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L3-WC-5

Quant Time: May 17 04:27:28 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)

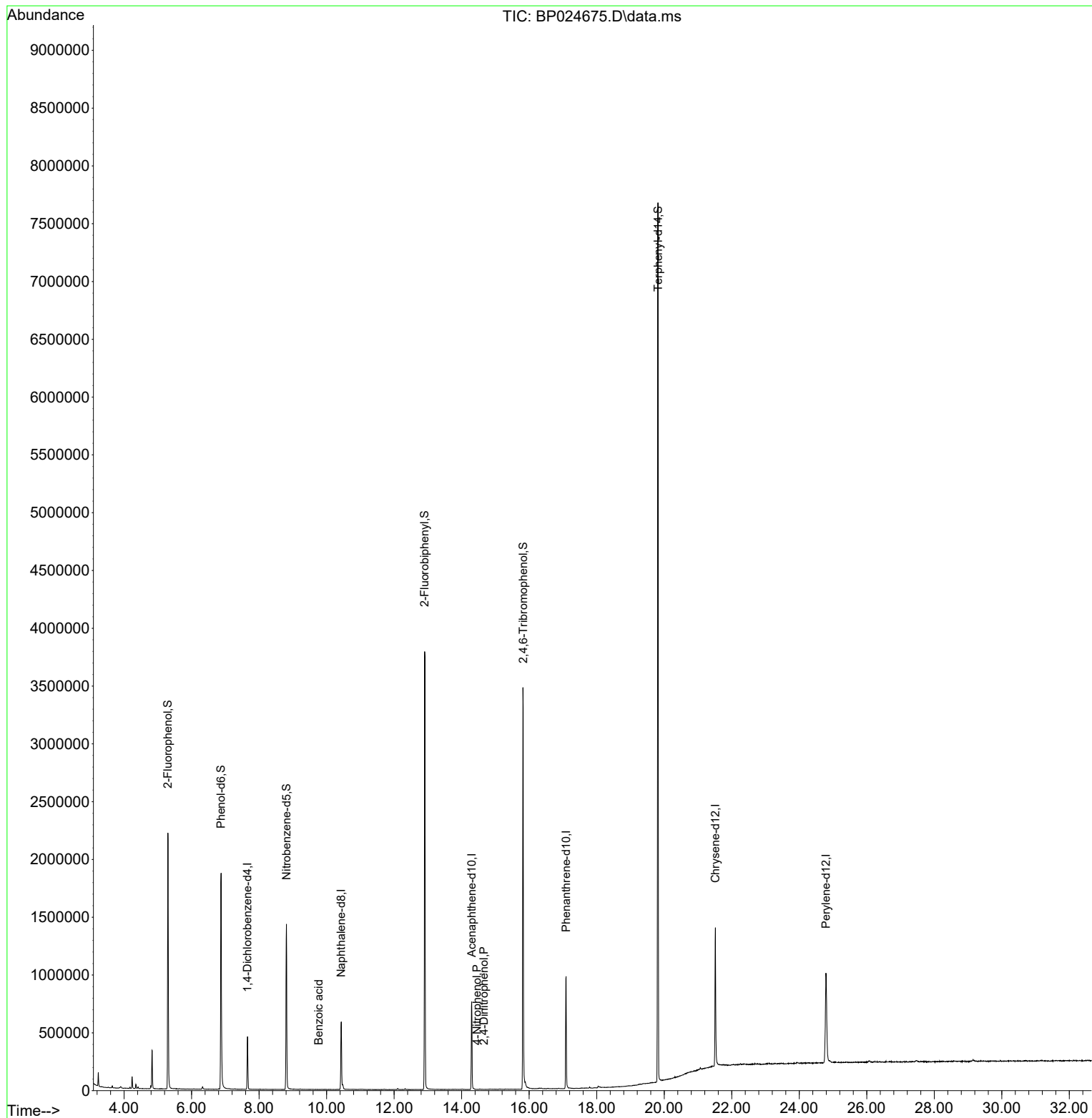
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	123390	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	494229	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	286722	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	585875	20.000	ng	0.00
76) Chrysene-d12	21.516	240	723292	20.000	ng	0.00
86) Perylene-d12	24.792	264	890182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1013929	140.546	ng	0.01
7) Phenol-d6	6.875	99	1183211	128.507	ng	0.02
23) Nitrobenzene-d5	8.810	82	786402	80.396	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	760557	156.469	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	1943824	88.820	ng	0.00
79) Terphenyl-d14	19.816	244	3684019	87.336	ng	0.00
Target Compounds						
32) Benzoic acid	9.763	122	30	7.473	ng	Qvalue # 1
54) 2,4-Dinitrophenol	14.657	184	18	6.407	ng	96
56) 4-Nitrophenol	14.457	139	25	4.240	ng	91

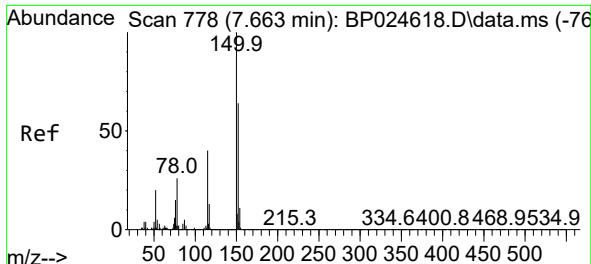
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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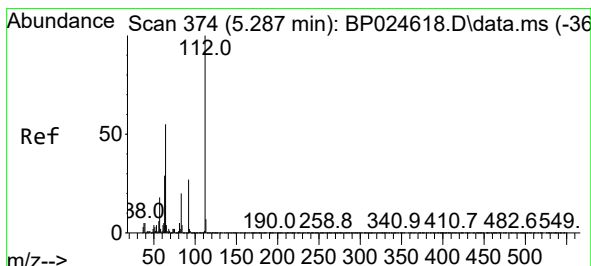
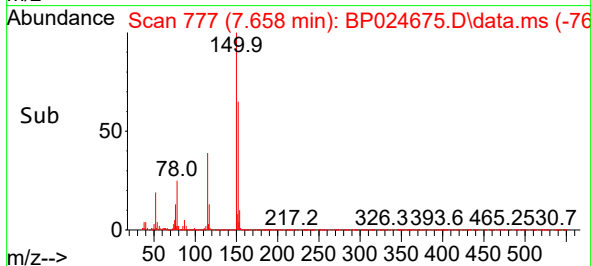
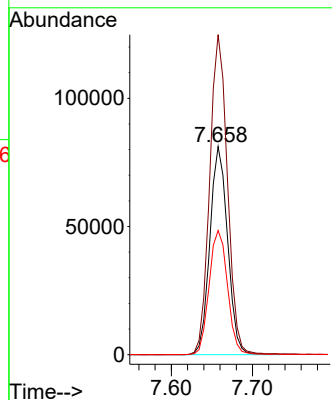
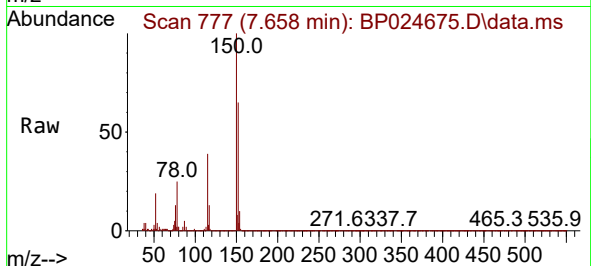




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

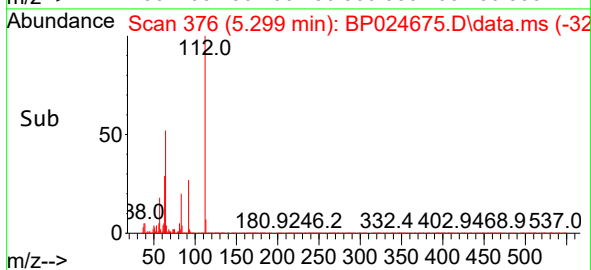
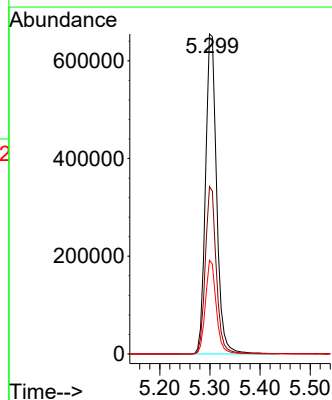
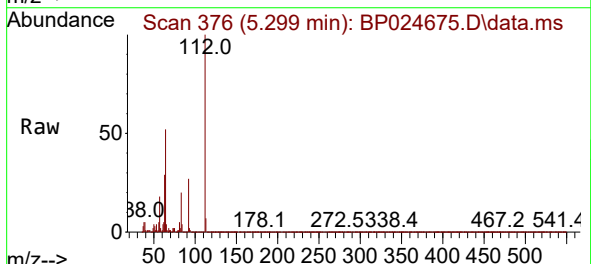
Instrument :
BNA_P
ClientSampleId :
L3-WC-5

Tgt Ion:152 Resp: 123390
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 59.7 50.1 75.1



#5
2-Fluorophenol
Concen: 140.546 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

Tgt Ion:112 Resp: 1013929
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 29.3 23.5 35.3

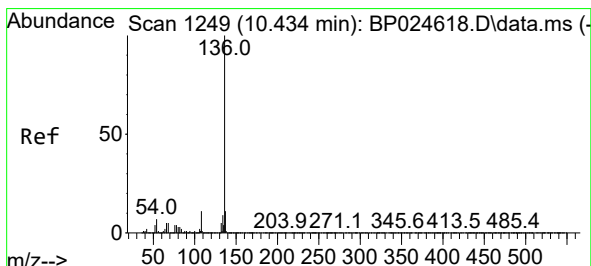
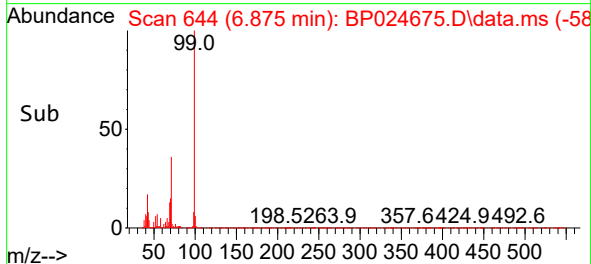
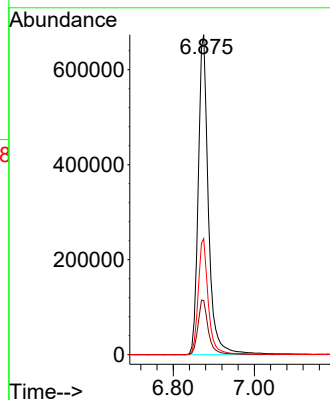
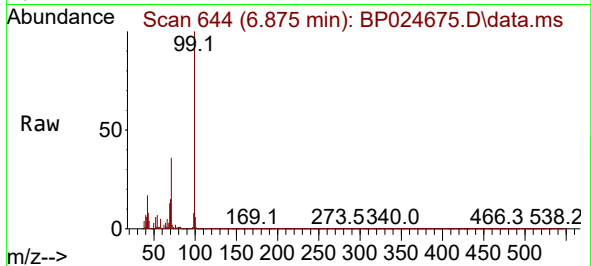




#7
Phenol-d6
Concen: 128.507 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

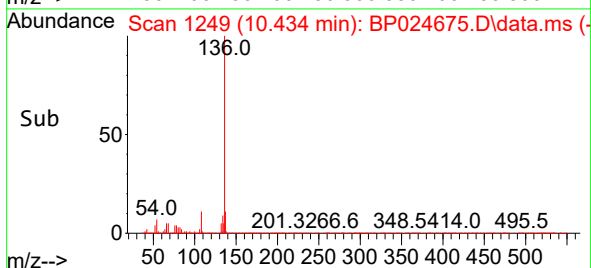
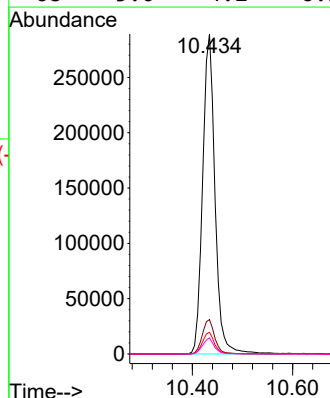
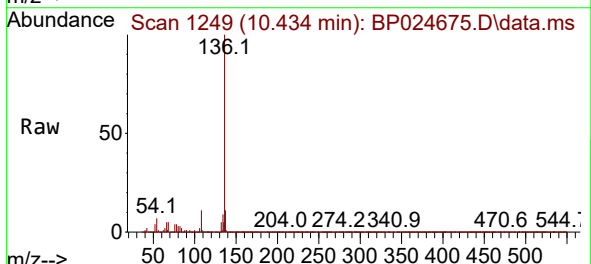
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ClientSampleId :
L3-WC-5

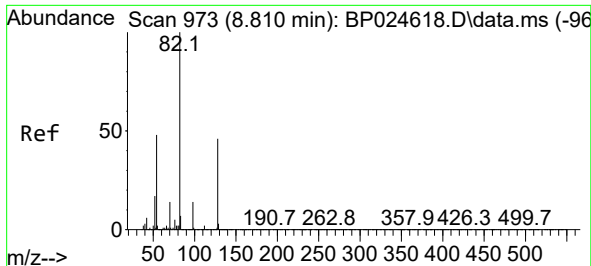
Tgt Ion: 99 Resp: 1183211
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 36.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

Tgt Ion:136 Resp: 494229
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.5 8.3
68 5.0 4.2 6.2

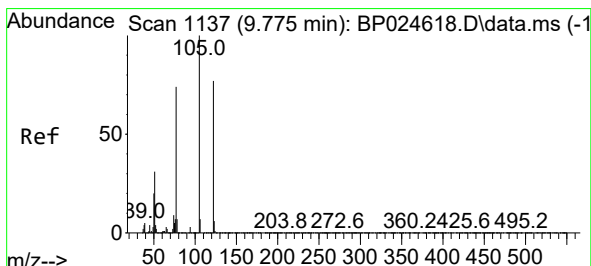
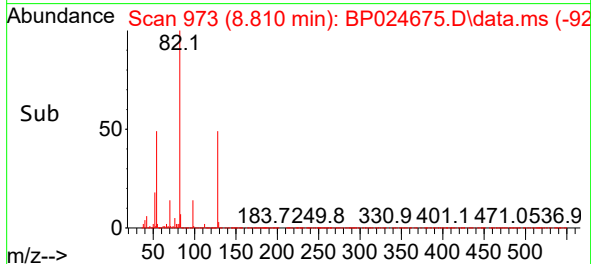
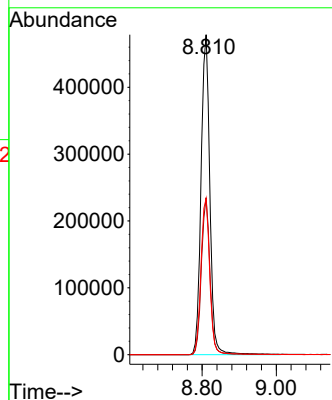
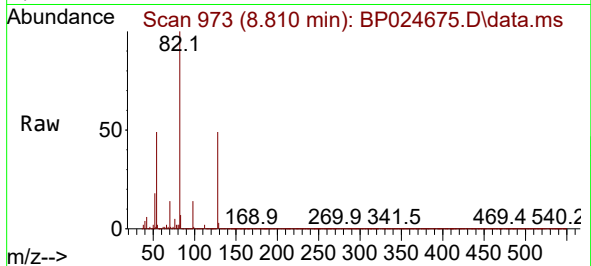




#23
Nitrobenzene-d5
Concen: 80.396 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

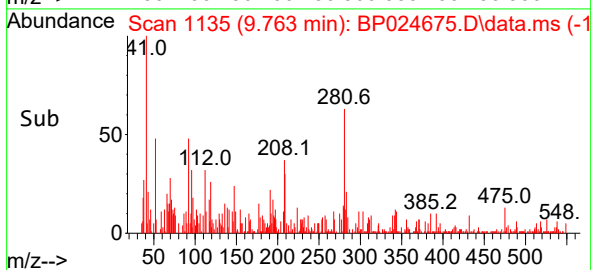
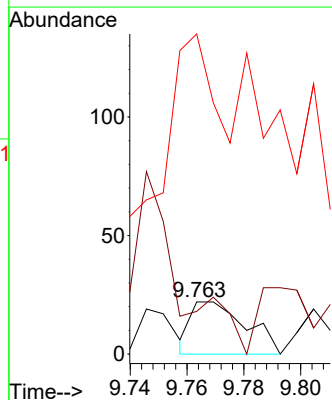
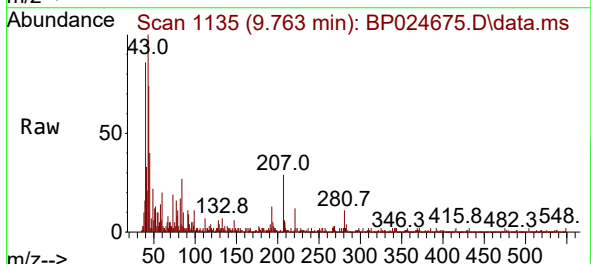
Instrument :
BNA_P
ClientSampleId :
L3-WC-5

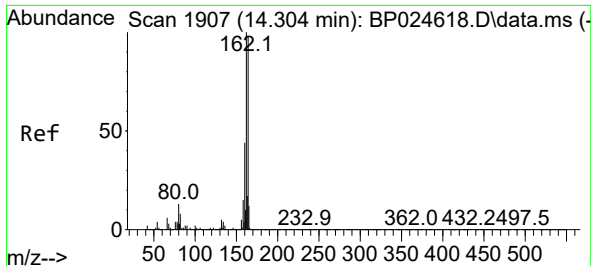
Tgt Ion: 82 Resp: 786402
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 48.8 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 81.8 106.9 146.9#
77 613.6 75.1 115.1#

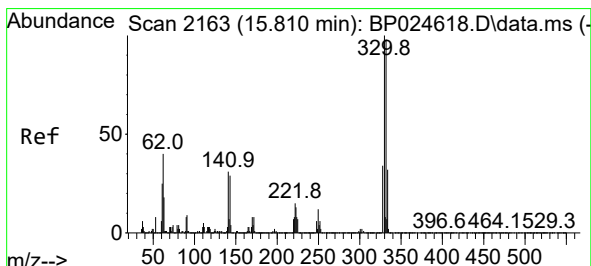
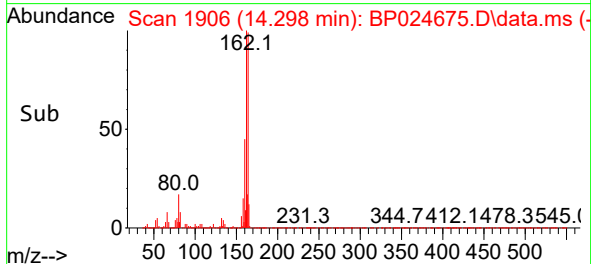
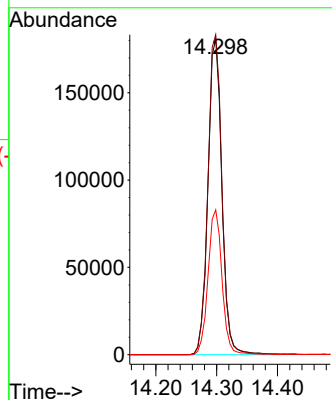
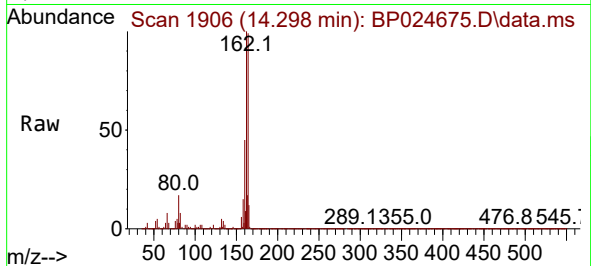




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

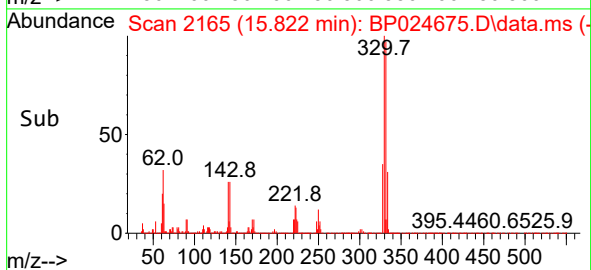
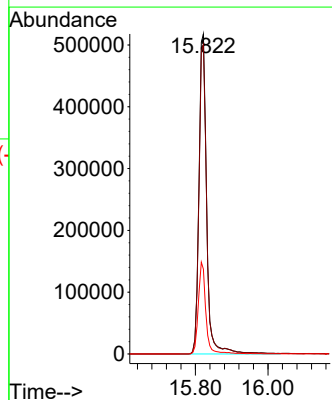
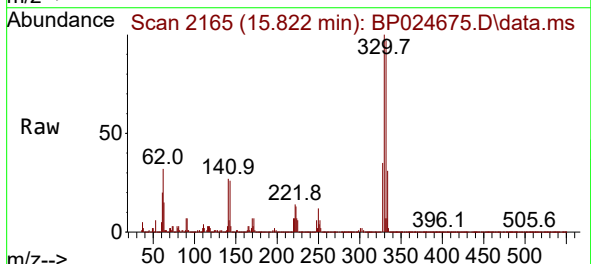
Instrument :
BNA_P
ClientSampleId :
L3-WC-5

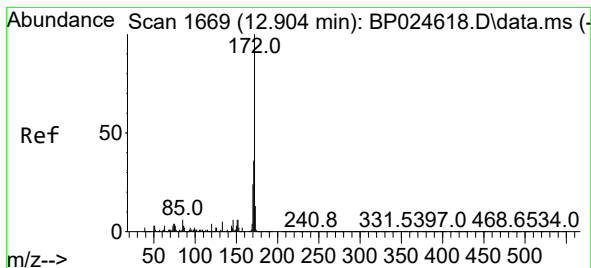
Tgt Ion:164 Resp: 286722
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 45.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 156.469 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

Tgt Ion:330 Resp: 760557
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 28.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 88.820 ng

RT: 12.904 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024675.D

Acq: 17 May 2025 03:55

Instrument :

BNA_P

ClientSampleId :

L3-WC-5

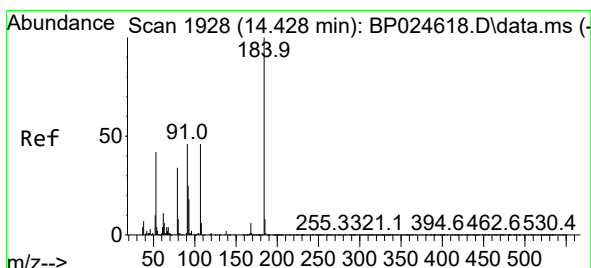
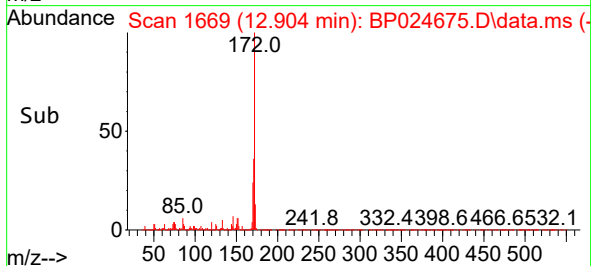
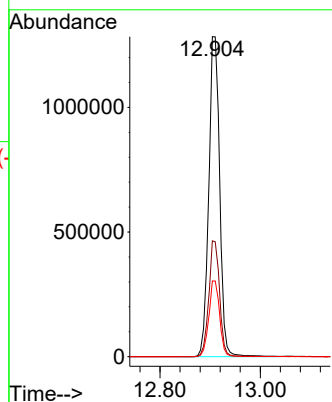
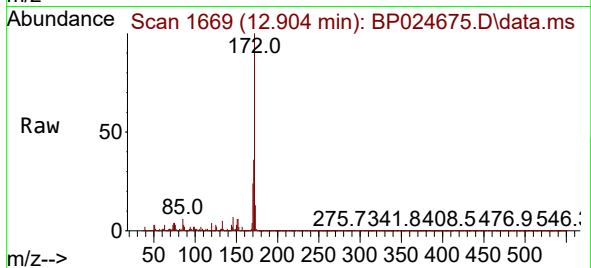
Tgt Ion:172 Resp: 1943824

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.407 ng

RT: 14.657 min Scan# 1967

Delta R.T. 0.229 min

Lab File: BP024675.D

Acq: 17 May 2025 03:55

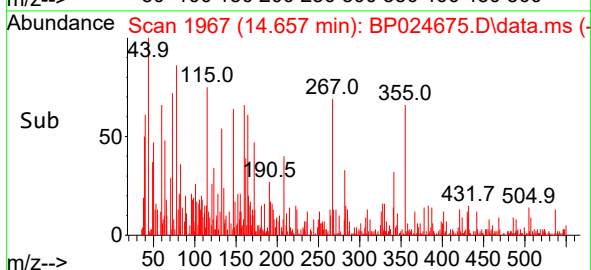
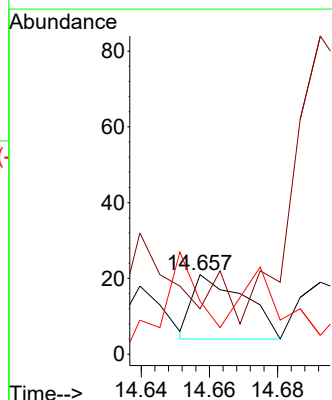
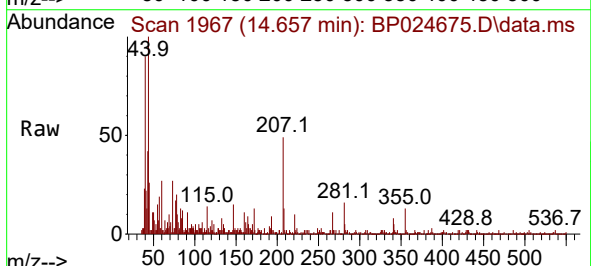
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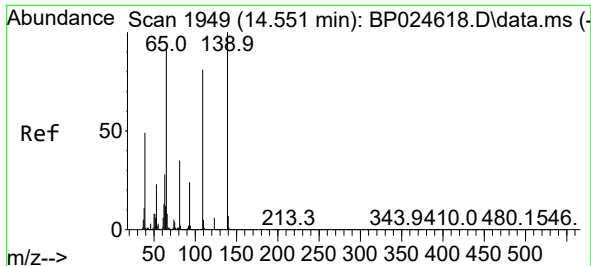
Ion Ratio Lower Upper

184 100

63 57.1 51.3 76.9

154 66.7 53.5 80.3

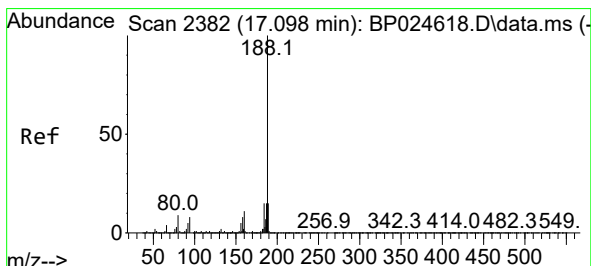
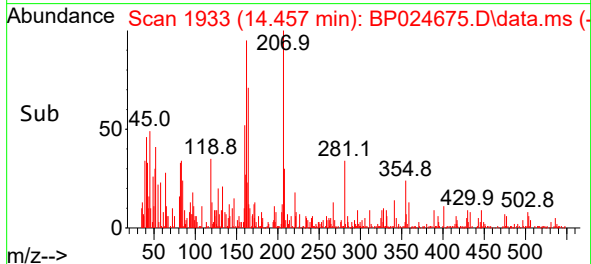
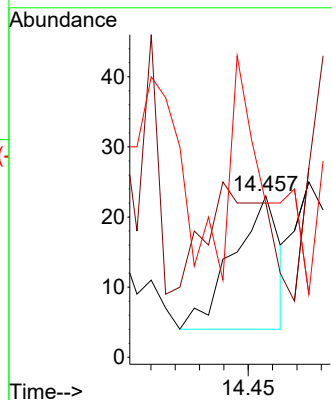
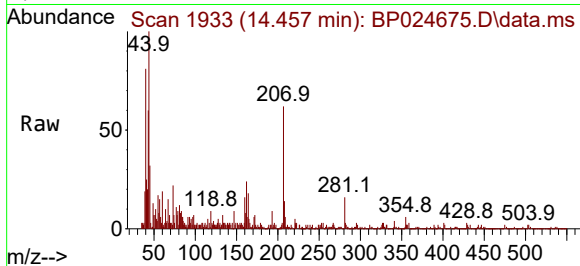




#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.457 min Scan# 1949
Delta R.T. -0.094 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

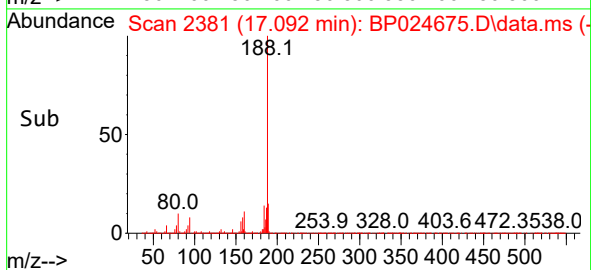
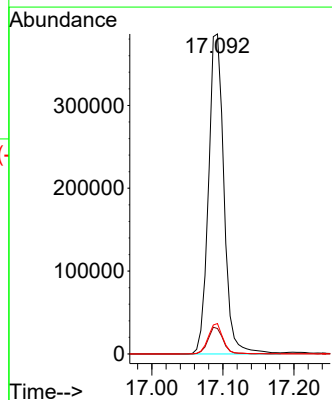
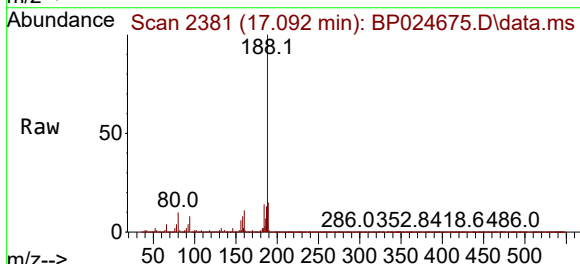
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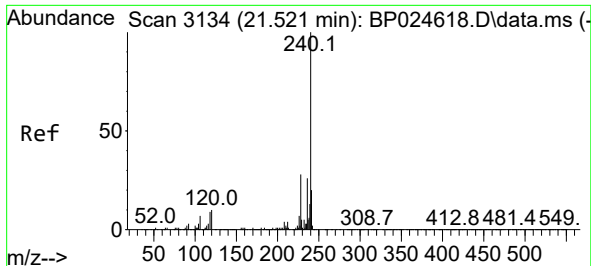
Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 95.7 61.4 101.4
65 95.7 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

Tgt Ion:188 Resp: 585875
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 9.5 7.3 10.9

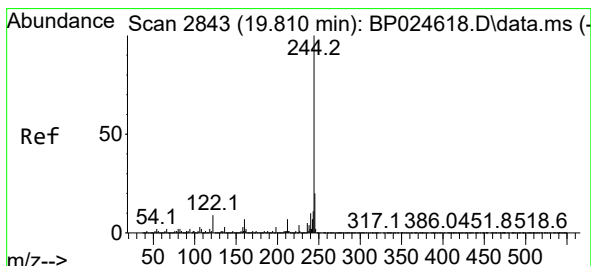
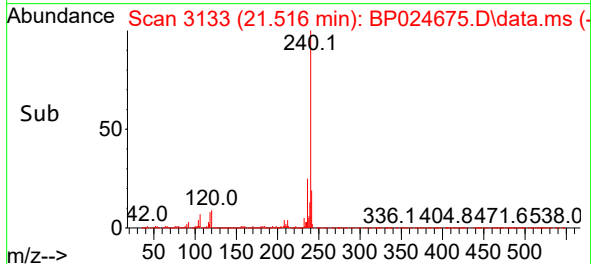
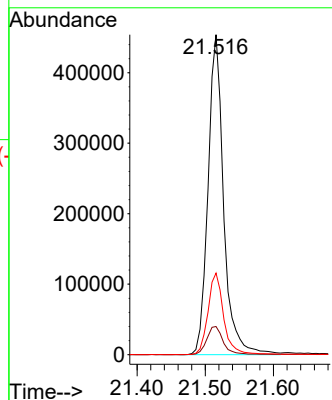
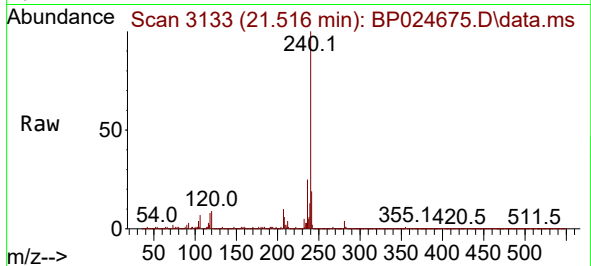




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

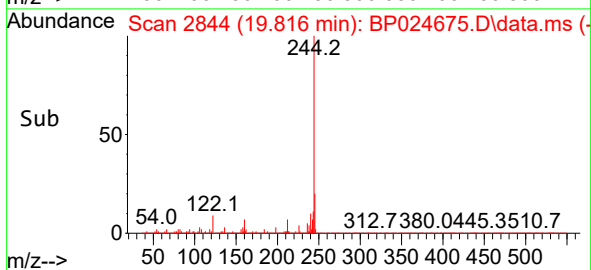
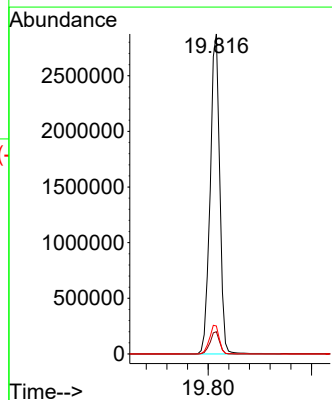
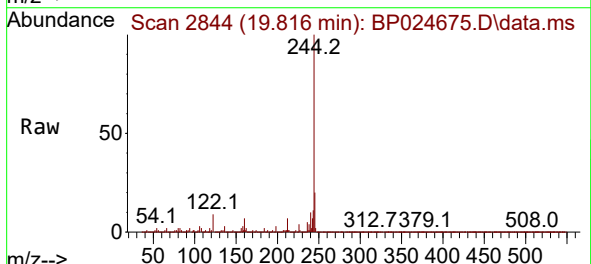
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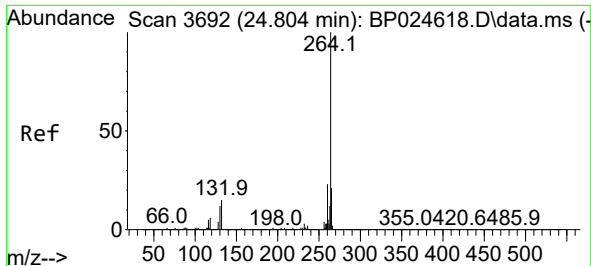
Tgt Ion:240 Resp: 723292
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 87.336 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024675.D
Acq: 17 May 2025 03:55

Tgt Ion:244 Resp: 3684019
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.7 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BP024675.D
 Acq: 17 May 2025 03:55

Instrument :
 BNA_P
 ClientSampleId :
 L3-WC-5

Tgt Ion:264 Resp: 890182
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.1 17.0 25.6

