

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024734.D
 Acq On : 21 May 2025 10:16
 Operator : RC/JU
 Sample : Q2080-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-HRH-COMP-02

Quant Time: May 21 12:14:24 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)

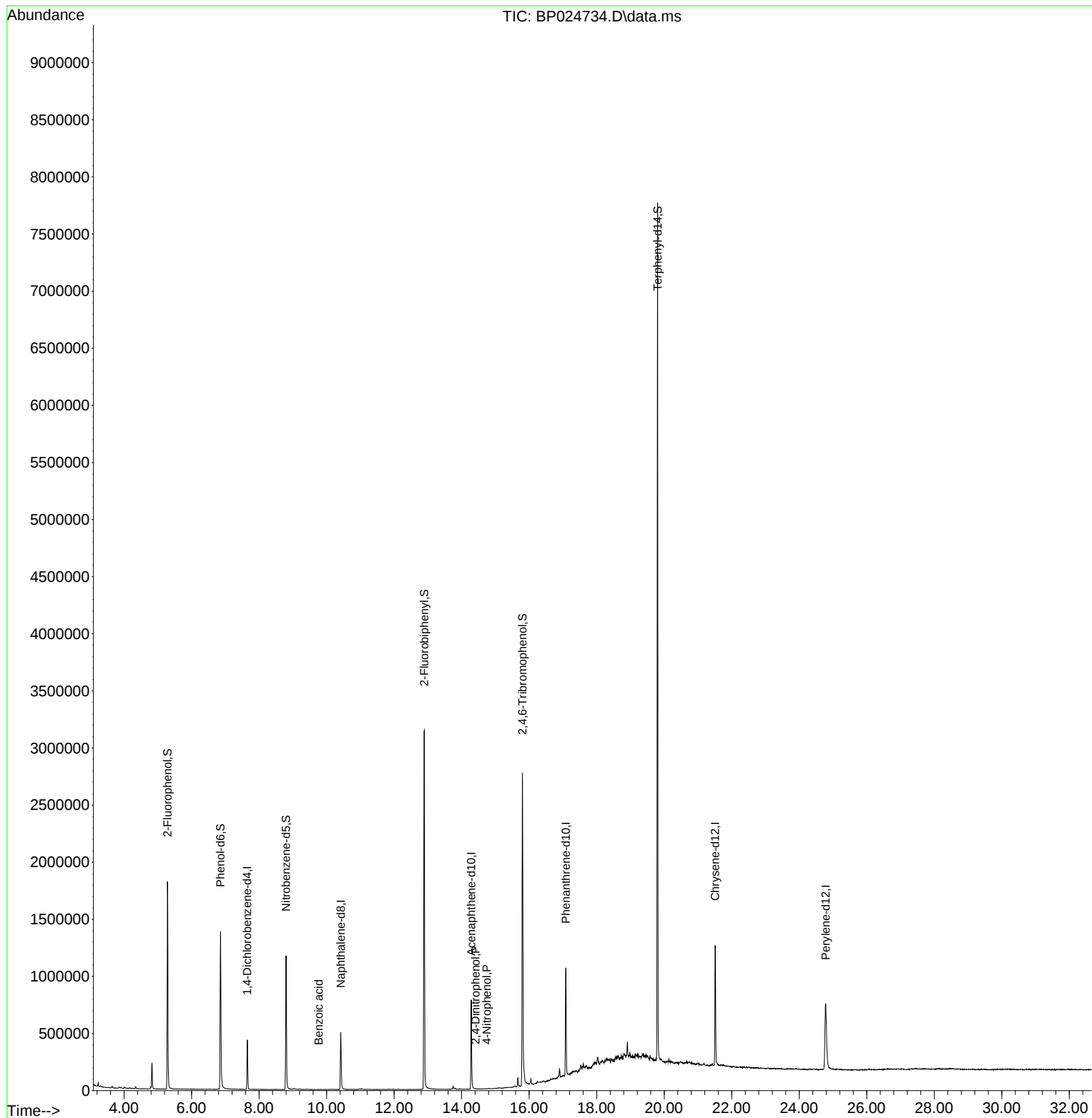
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	114168	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	452138	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	289274	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	597890	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	681189	20.000	ng	-0.01
86) Perylene-d12	24.786	264	795174	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	813536	121.877	ng	0.00
7) Phenol-d6	6.857	99	880758	103.385	ng	0.00
23) Nitrobenzene-d5	8.799	82	655579	73.261	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	790771	161.249	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1776179	80.443	ng	-0.01
79) Terphenyl-d14	19.804	244	3446810	86.763	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.769	122	12	7.470	ng	# 1
54) 2,4-Dinitrophenol	14.410	184	28	6.410	ng	# 1
56) 4-Nitrophenol	14.745	139	51	4.246	ng	82

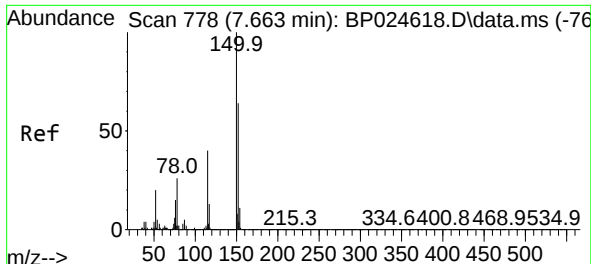
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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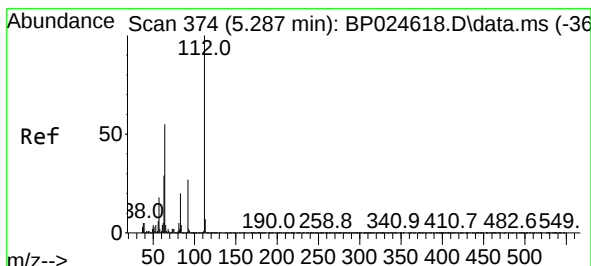
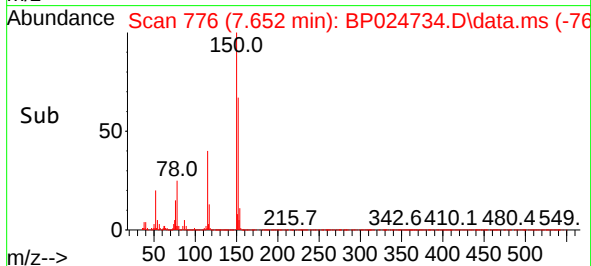
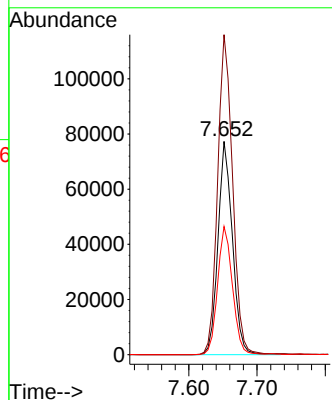
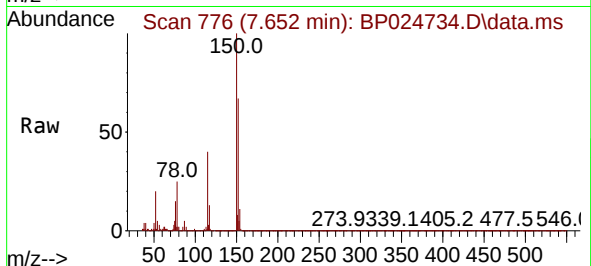




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

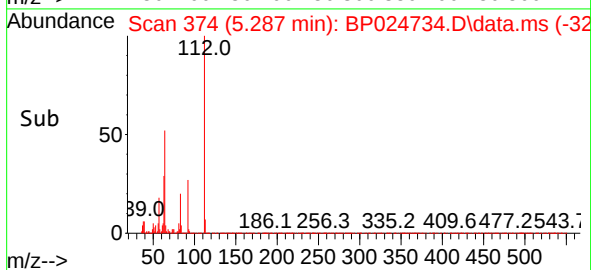
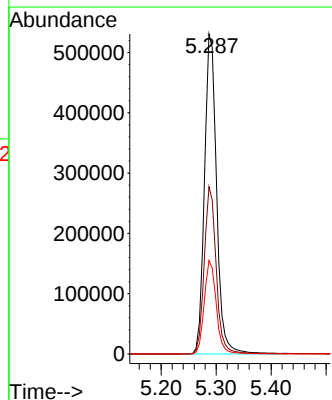
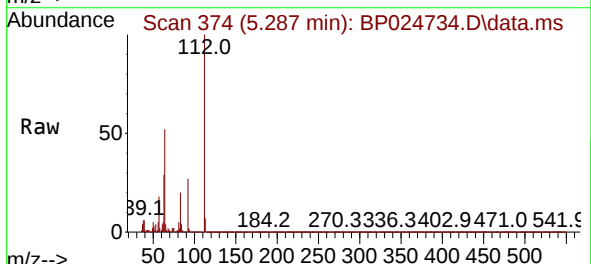
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-02

Tgt Ion:152 Resp: 114168
Ion Ratio Lower Upper
152 100
150 150.0 125.9 188.9
115 60.0 50.1 75.1



#5
2-Fluorophenol
Concen: 121.877 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion:112 Resp: 813536
Ion Ratio Lower Upper
112 100
64 52.2 44.1 66.1
63 29.2 23.5 35.3

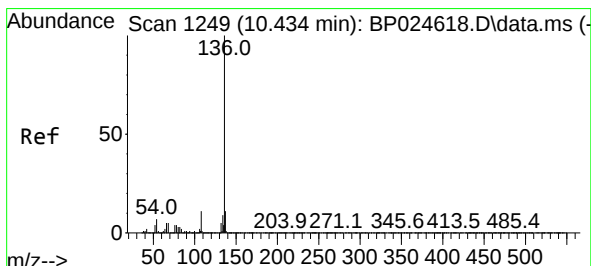
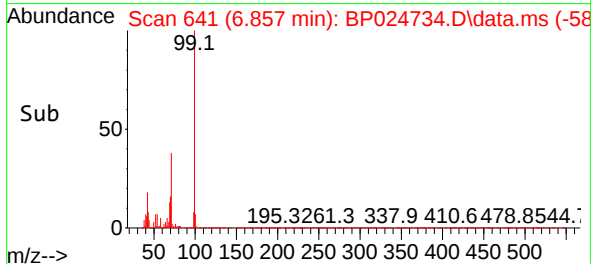
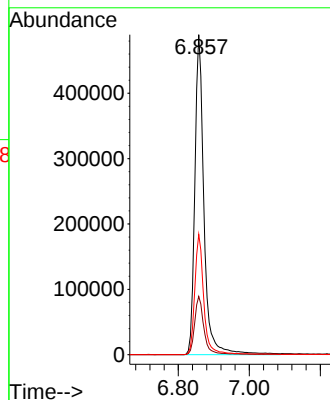
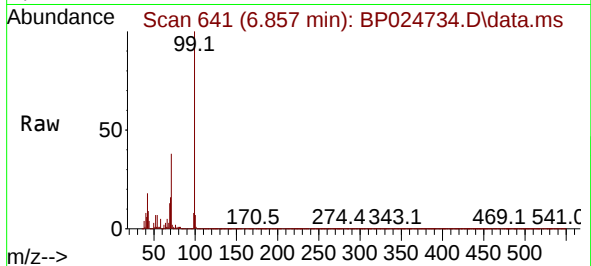




#7
Phenol-d6
Concen: 103.385 ng
RT: 6.857 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

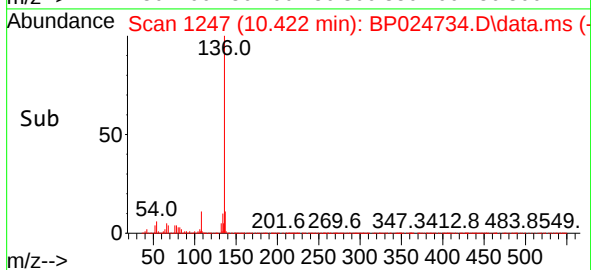
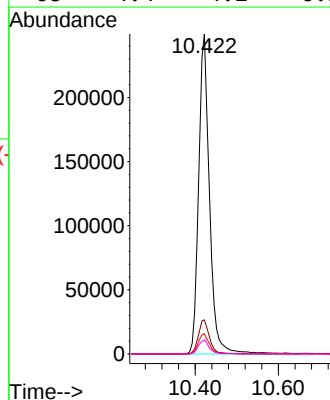
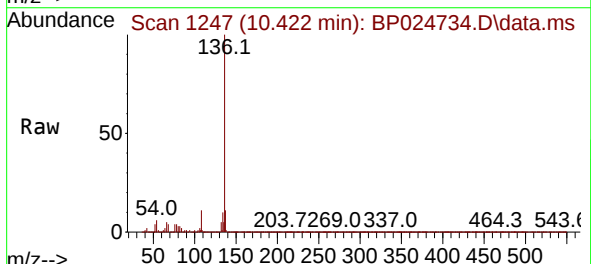
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BNA_P
ClientSampleId :
PL-HRH-COMP-02

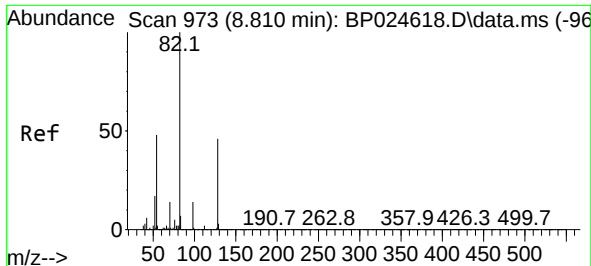
Tgt Ion: 99 Resp: 880758
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 37.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion: 136 Resp: 452138
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.3 5.5 8.3
68 4.4 4.2 6.2

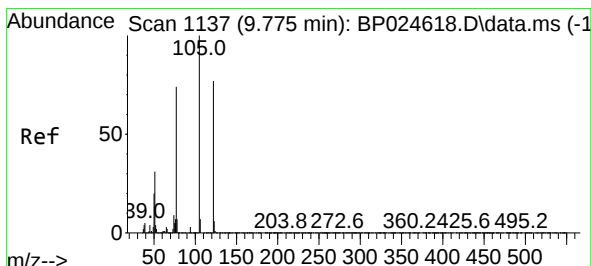
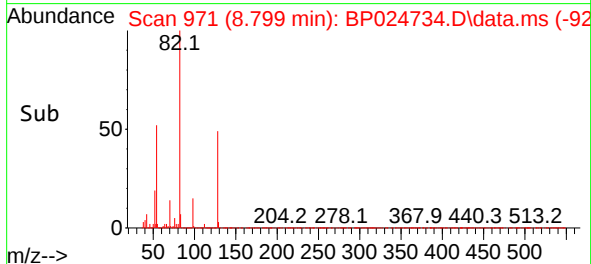
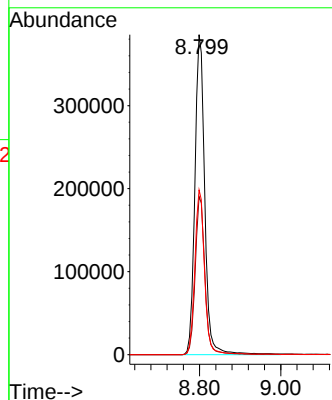
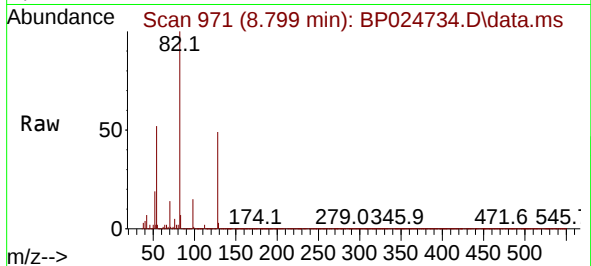




#23
Nitrobenzene-d5
Concen: 73.261 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

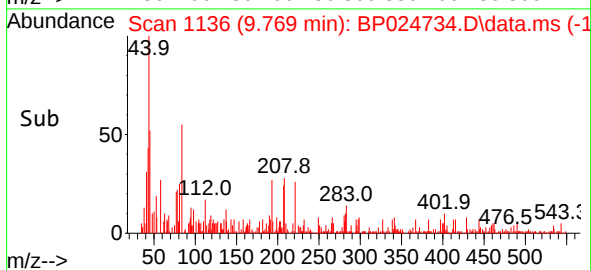
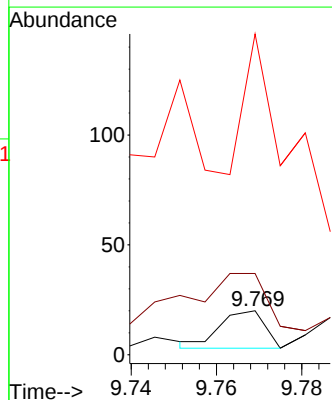
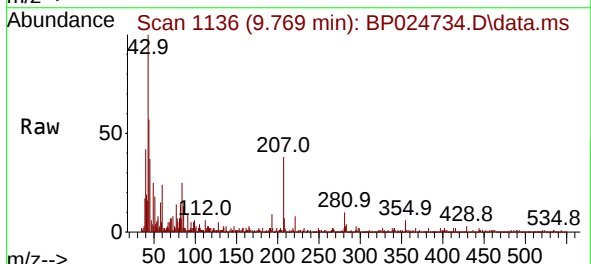
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-02

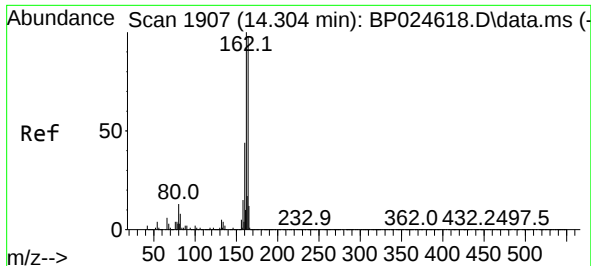
Tgt Ion: 82 Resp: 655579
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 51.5 38.7 58.1



#32
Benzoic acid
Concen: 7.470 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 90.2 106.9 146.9#
77 356.1 75.1 115.1#

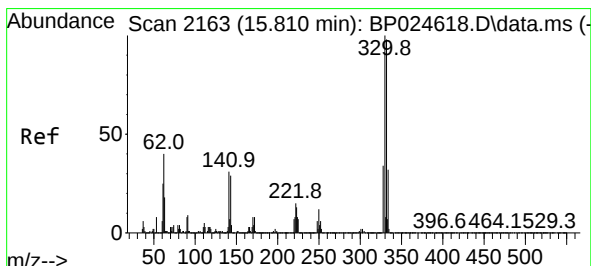
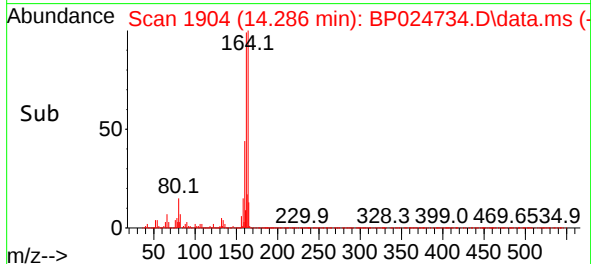
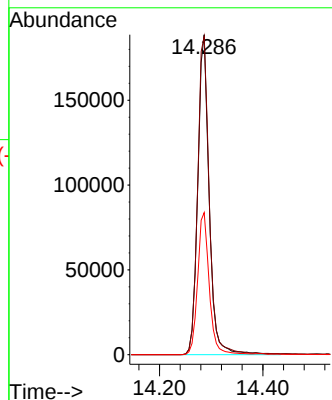
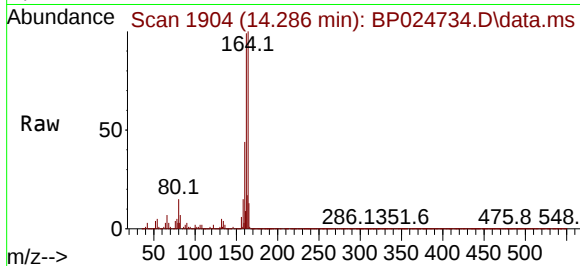




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

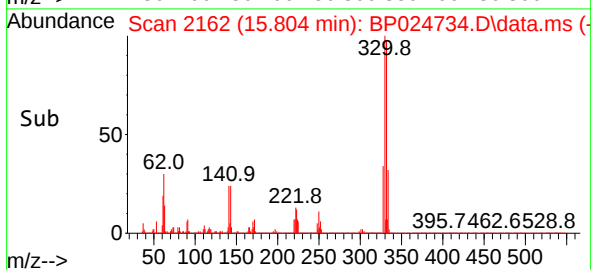
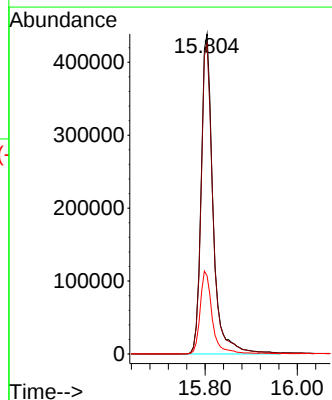
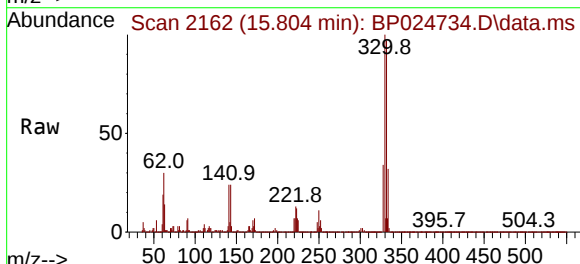
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ClientSampleId :
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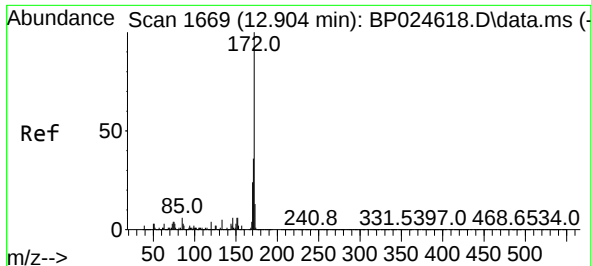
Tgt Ion:164 Resp: 289274
Ion Ratio Lower Upper
164 100
162 99.4 81.8 122.6
160 44.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 161.249 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion:330 Resp: 790771
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 26.1 24.3 36.5

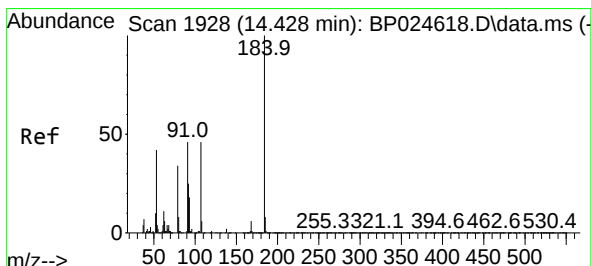
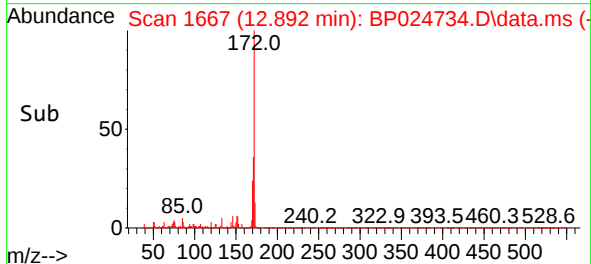
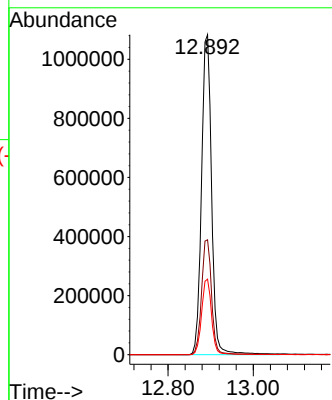
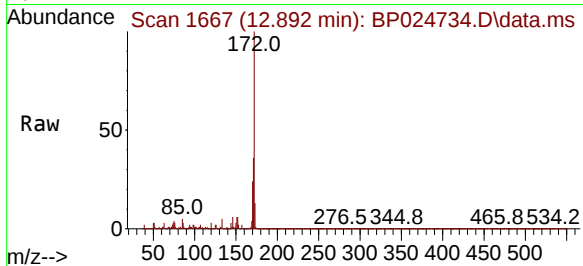




#45
2-Fluorobiphenyl
Concen: 80.443 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

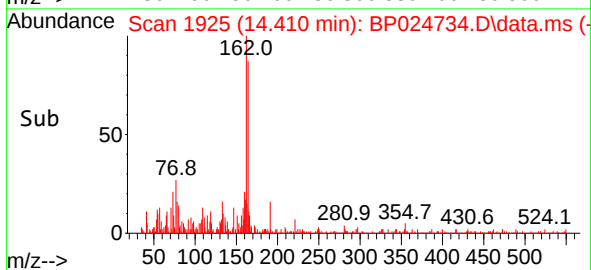
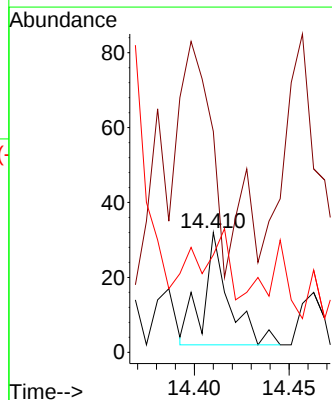
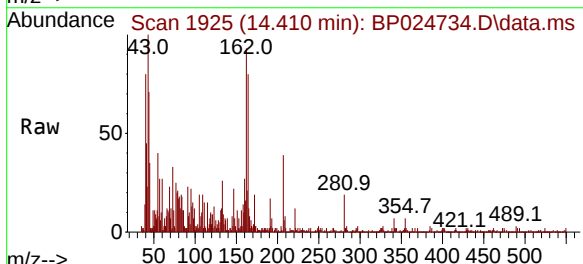
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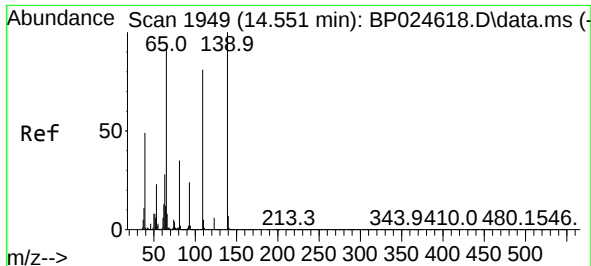
Tgt Ion:172 Resp: 1776179
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.6 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.410 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 271.9 51.3 76.9#
154 81.3 53.5 80.3#

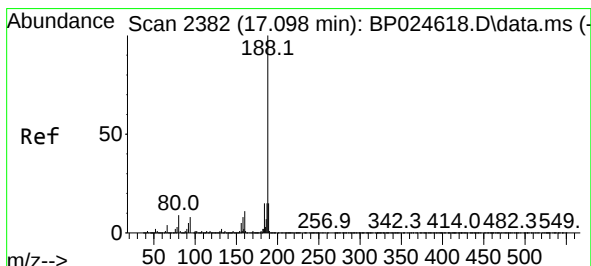
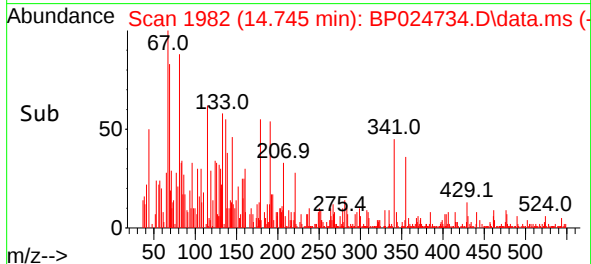
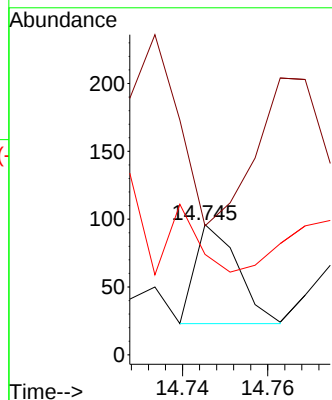
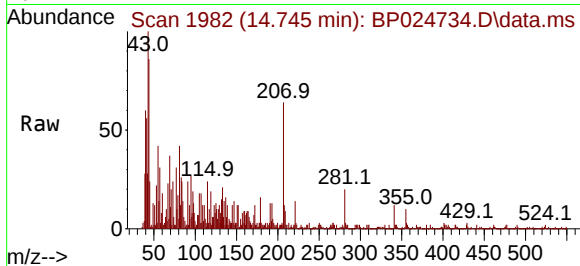




#56
4-Nitrophenol
Concen: 4.246 ng
RT: 14.745 min Scan# 1949
Delta R.T. 0.194 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

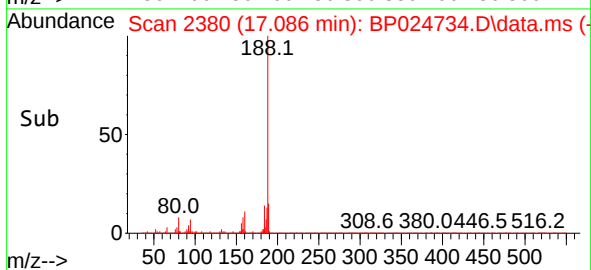
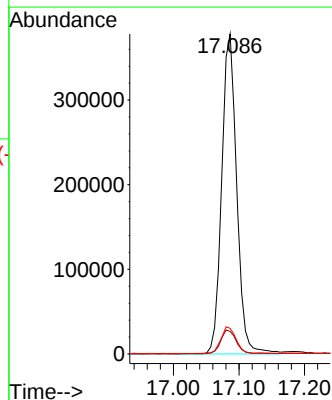
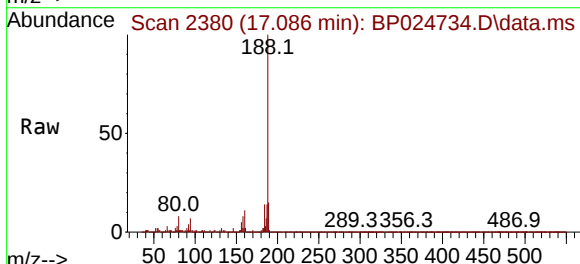
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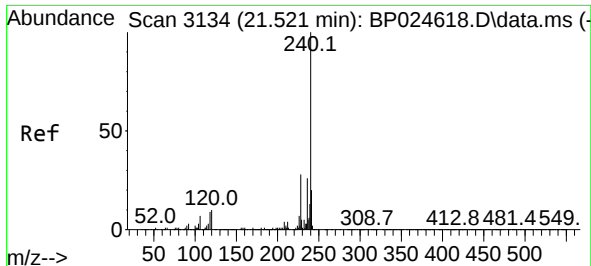
Tgt Ion:139 Resp: 51
Ion Ratio Lower Upper
139 100
109 99.0 61.4 101.4
65 77.1 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion:188 Resp: 597890
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 8.0 7.3 10.9

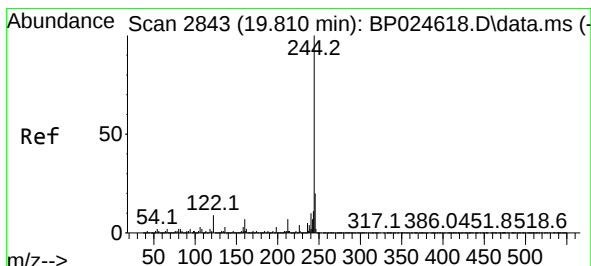
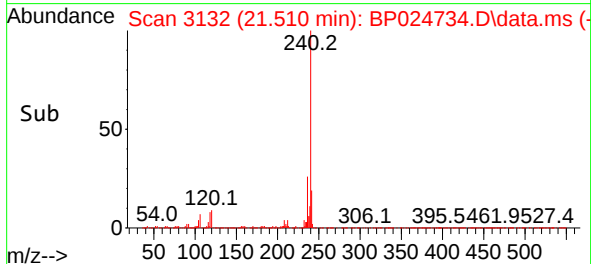
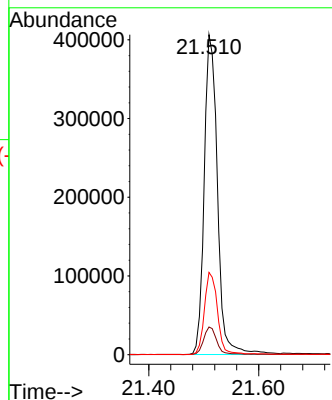
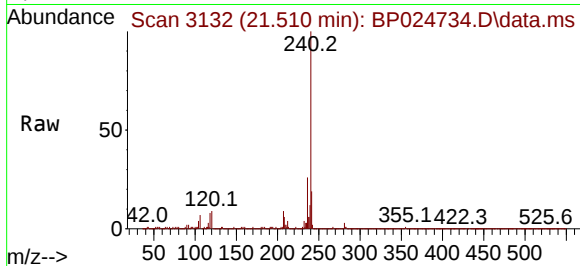




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

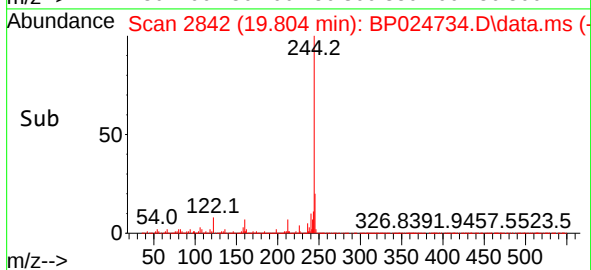
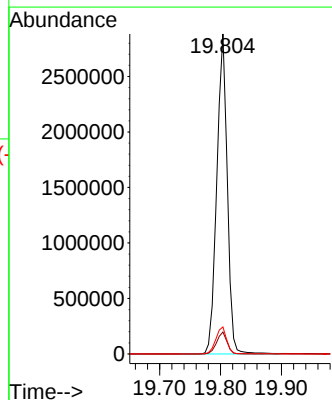
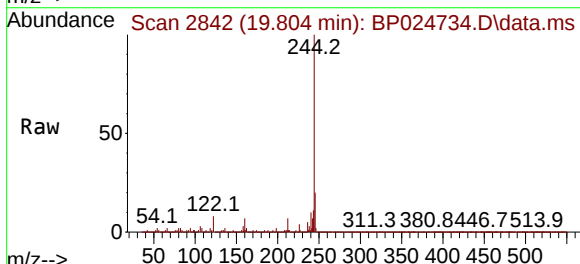
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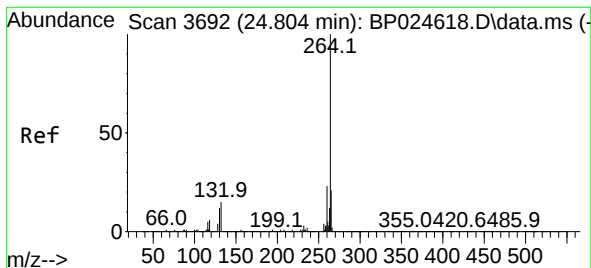
Tgt Ion:240 Resp: 681189
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 86.763 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024734.D
Acq: 21 May 2025 10:16

Tgt Ion:244 Resp: 3446810
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: 24.786 min Scan# 30

Delta R.T. -0.018 min

Lab File: BP024734.D

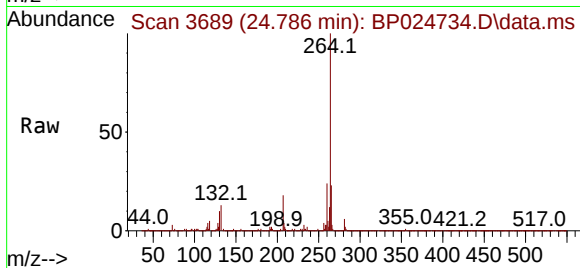
Acq: 21 May 2025 10:16

Instrument :

BNA_P

ClientSampleId :

PL-HRH-COMP-02



Tgt Ion:264 Resp: 795174

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 23.3 17.0 25.6

