

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024733.D
 Acq On : 21 May 2025 09:35
 Operator : RC/JU
 Sample : Q2080-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-HRH-COMP-01

Quant Time: May 21 12:13:56 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)

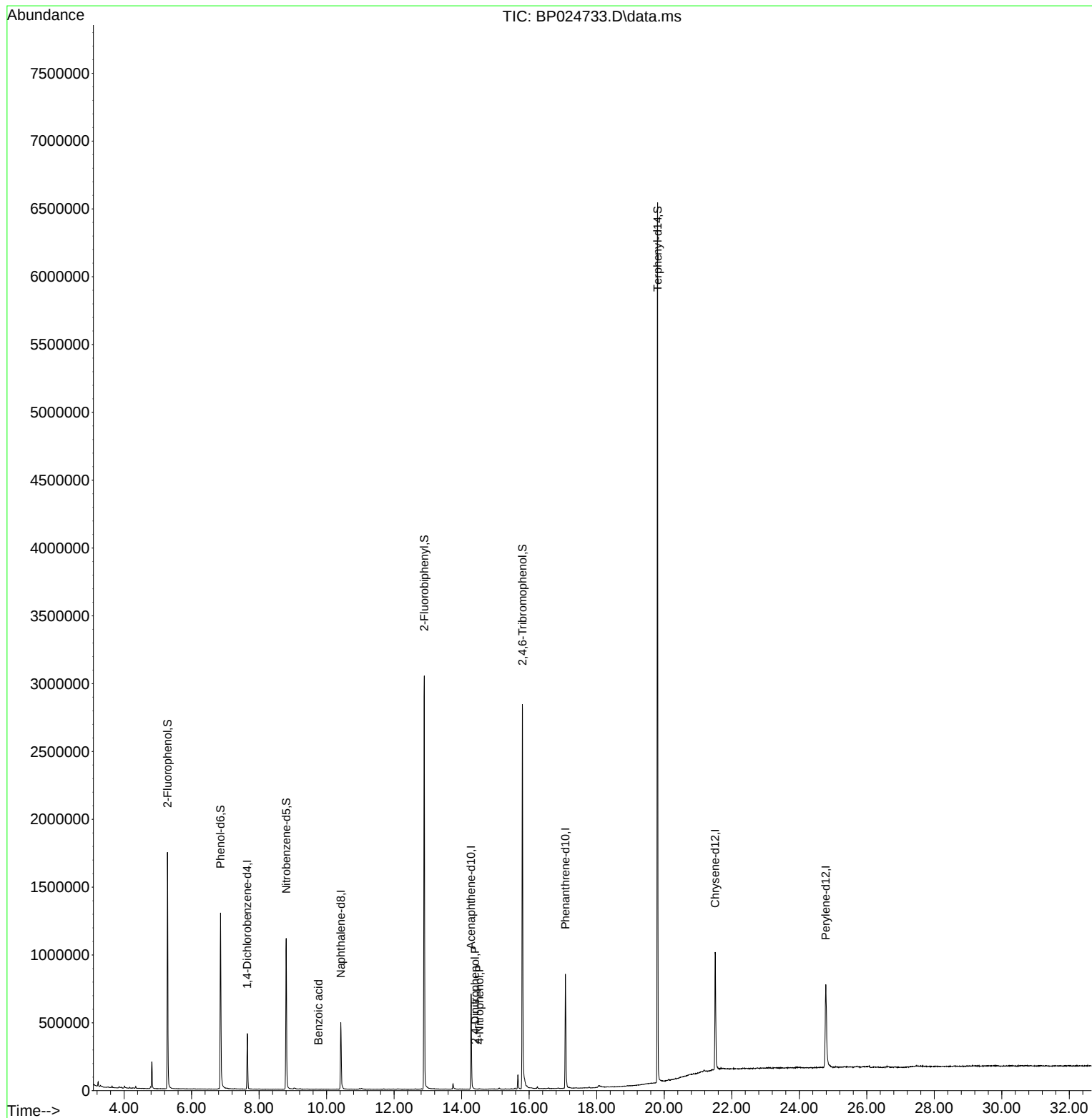
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	113681	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	439252	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	268830	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	558189	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	637021	20.000	ng	-0.01
86) Perylene-d12	24.786	264	721461	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	759195	114.223	ng	0.00
7) Phenol-d6	6.858	99	800462	94.362	ng	0.00
23) Nitrobenzene-d5	8.805	82	611854	70.381	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	703224	154.302	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1567709	76.401	ng	-0.01
79) Terphenyl-d14	19.804	244	3171295	85.363	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.758	122	20	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.393	184	13	6.405	ng	# 57
56) 4-Nitrophenol	14.522	139	95	4.258	ng	# 27

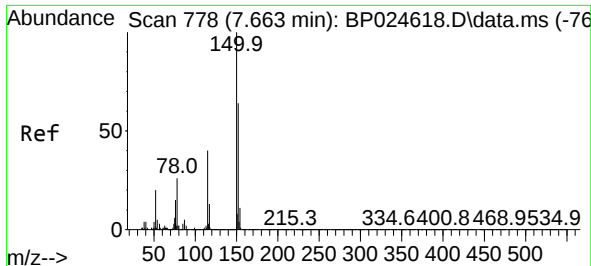
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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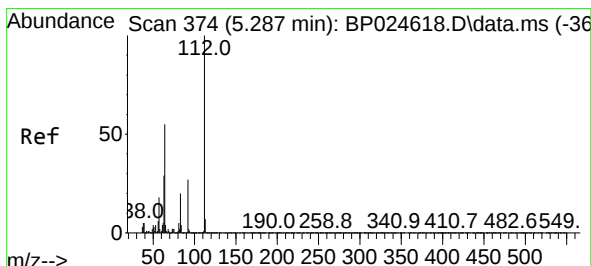
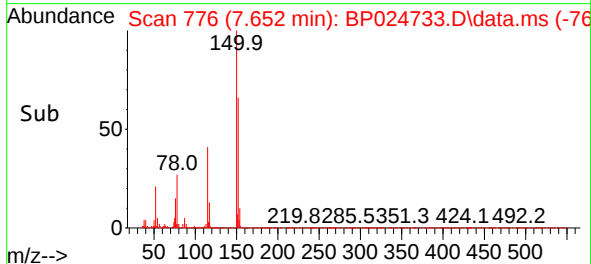
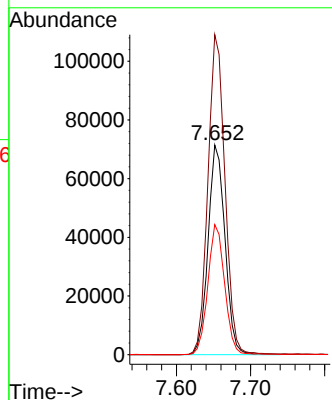
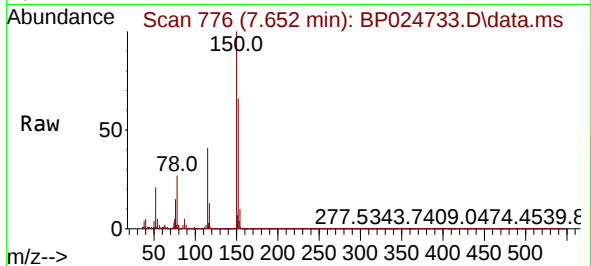




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

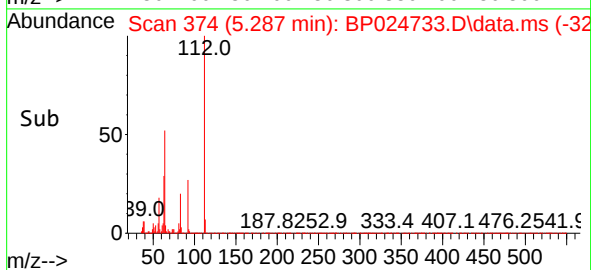
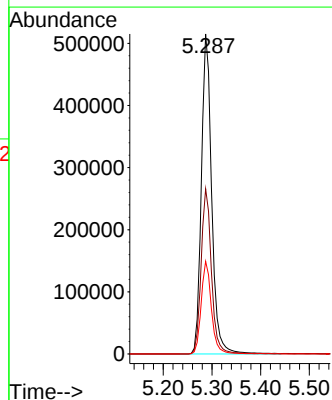
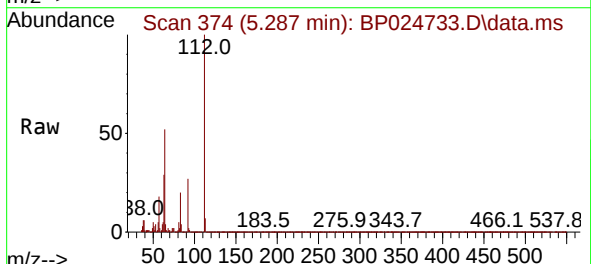
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

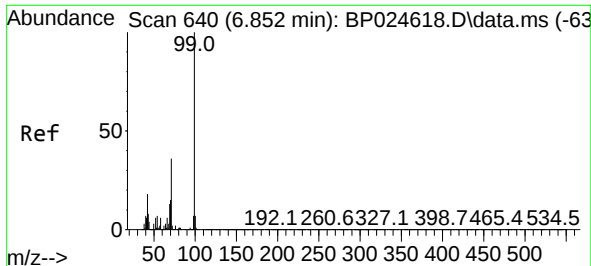
Tgt Ion:152 Resp: 113681
Ion Ratio Lower Upper
152 100
150 152.5 125.9 188.9
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 114.223 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion:112 Resp: 759195
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 29.0 23.5 35.3

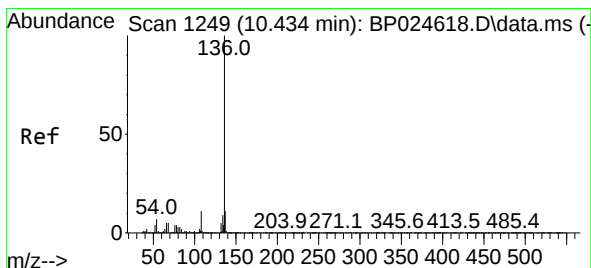
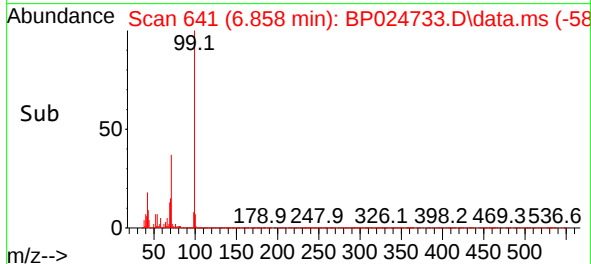
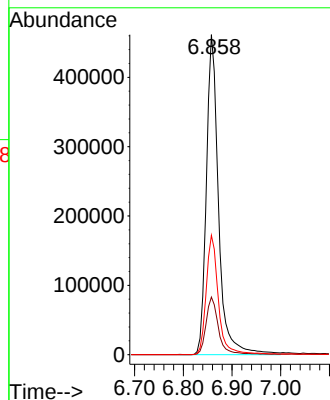
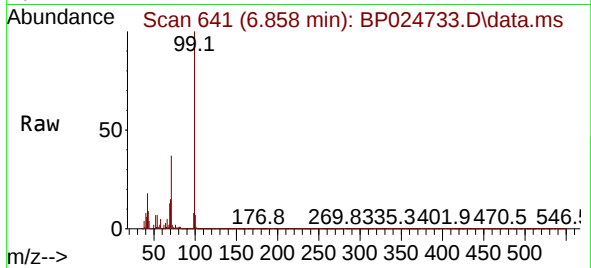




#7
Phenol-d6
Concen: 94.362 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

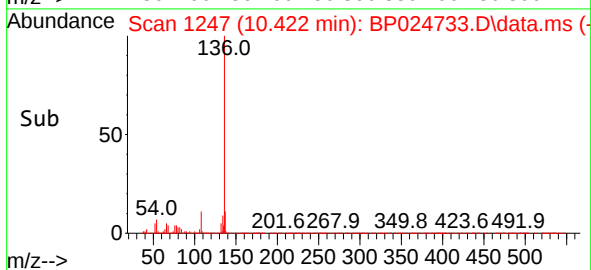
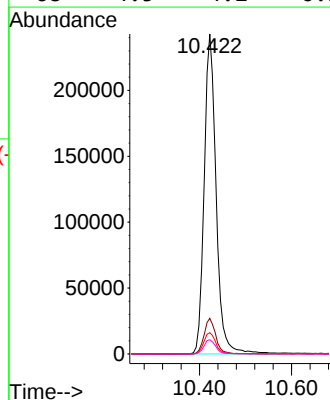
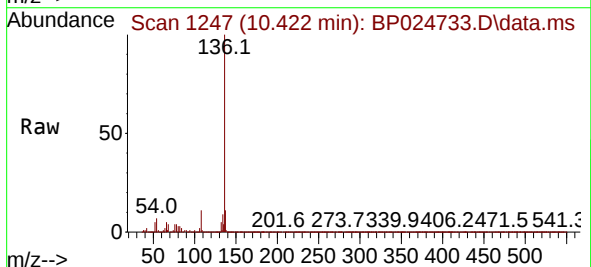
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

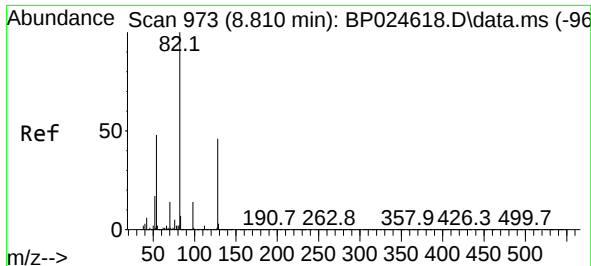
Tgt Ion: 99 Resp: 800462
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 37.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion: 136 Resp: 439252
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.5 8.3
68 4.5 4.2 6.2

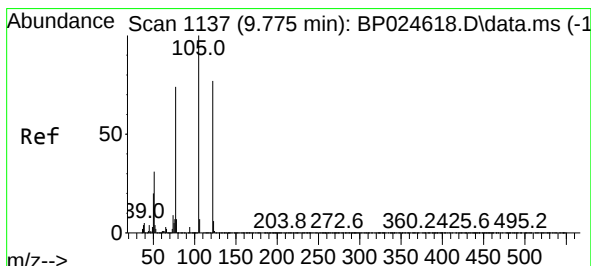
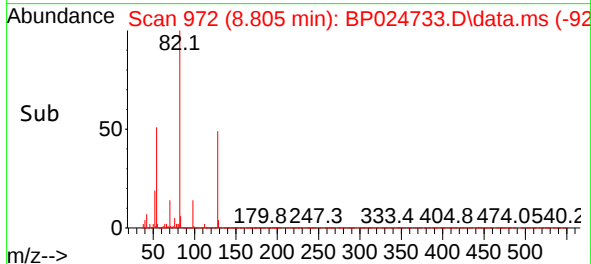
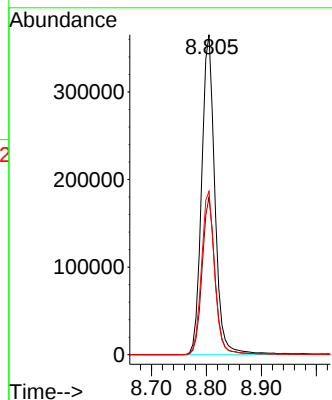
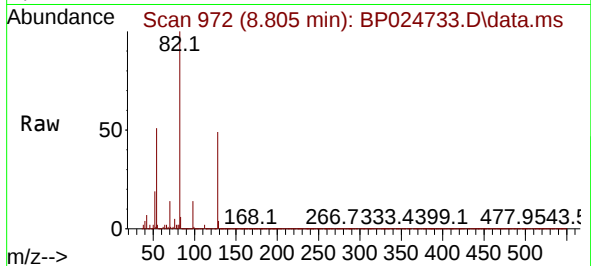




#23
Nitrobenzene-d5
Concen: 70.381 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

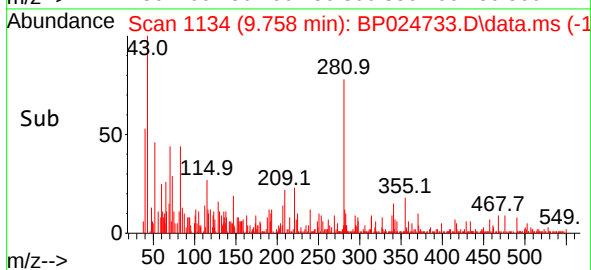
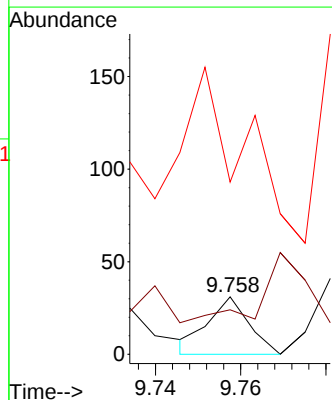
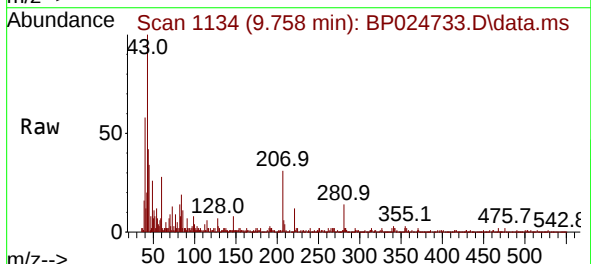
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

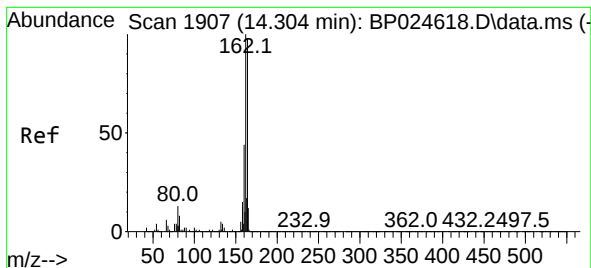
Tgt Ion: 82 Resp: 611854
Ion Ratio Lower Upper
82 100
128 49.2 37.0 55.4
54 51.1 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.758 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 77.4 106.9 146.9#
77 300.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.023 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

Instrument :

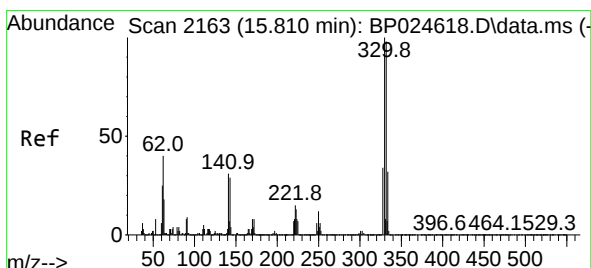
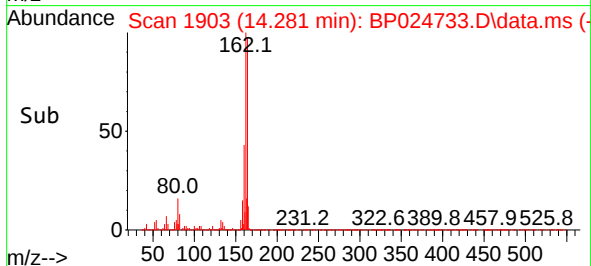
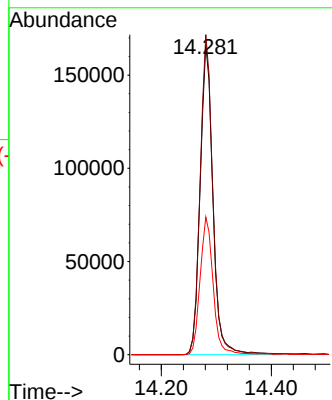
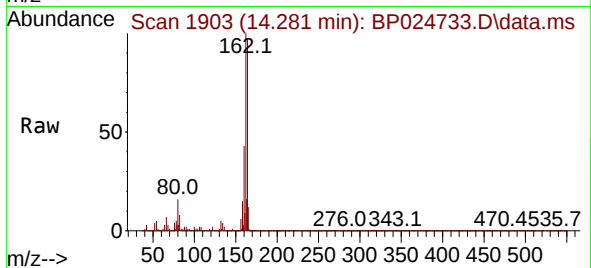
BNA_P

ClientSampleId :

PL-HRH-COMP-01

Tgt Ion:164 Resp: 268830

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.6
160	44.4	36.3	54.5



#42

2,4,6-Tribromophenol

Concen: 154.302 ng

RT: 15.804 min Scan# 2162

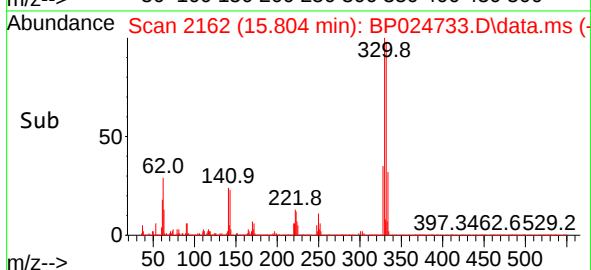
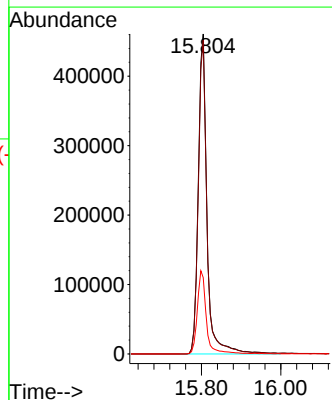
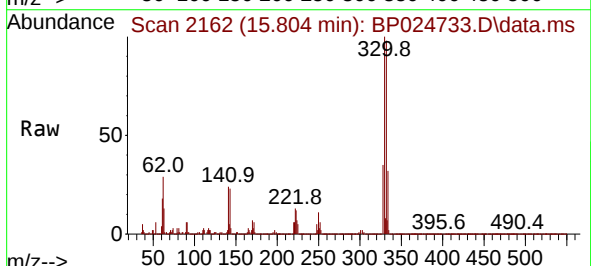
Delta R.T. -0.006 min

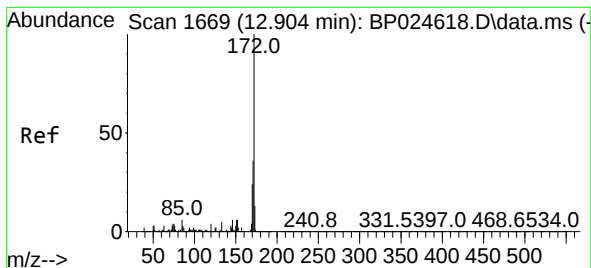
Lab File: BP024733.D

Acq: 21 May 2025 09:35

Tgt Ion:330 Resp: 703224

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.4
141	27.0	24.3	36.5





#45

2-Fluorobiphenyl

Concen: 76.401 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

Instrument :

BNA_P

ClientSampleId :

PL-HRH-COMP-01

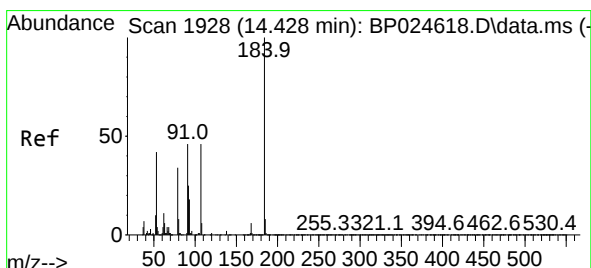
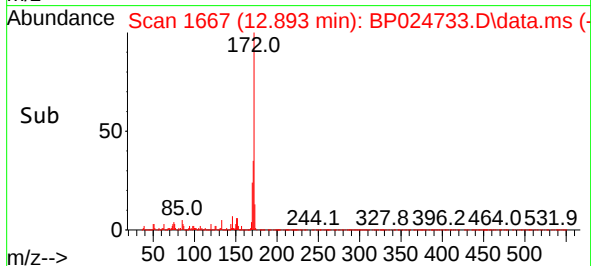
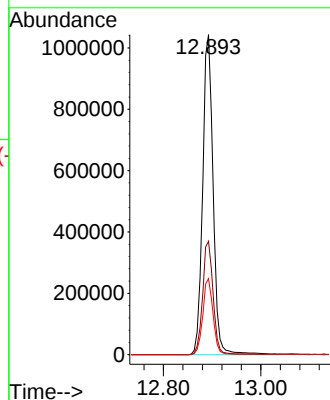
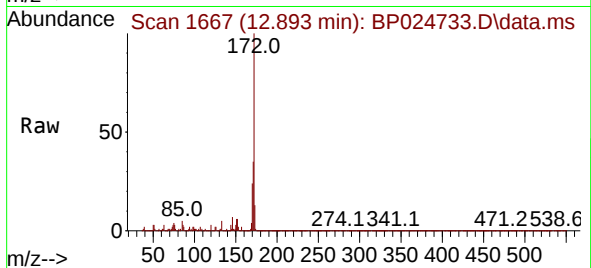
Tgt Ion:172 Resp: 1567709

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.393 min Scan# 1922

Delta R.T. -0.035 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

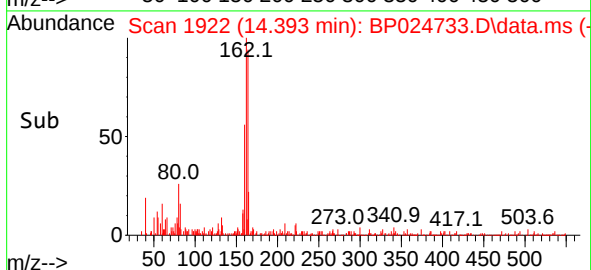
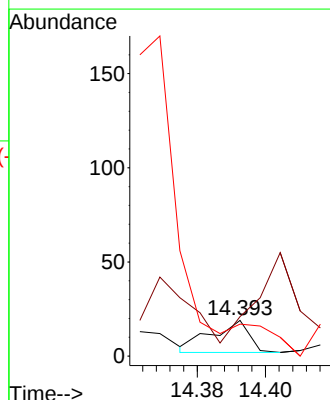
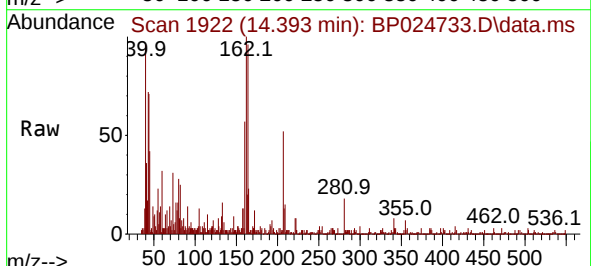
Tgt Ion:184 Resp: 13

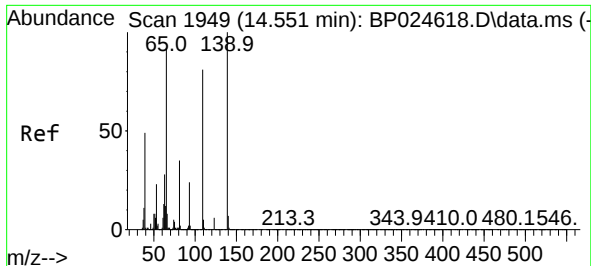
Ion Ratio Lower Upper

184 100

63 110.5 51.3 76.9#

154 89.5 53.5 80.3#

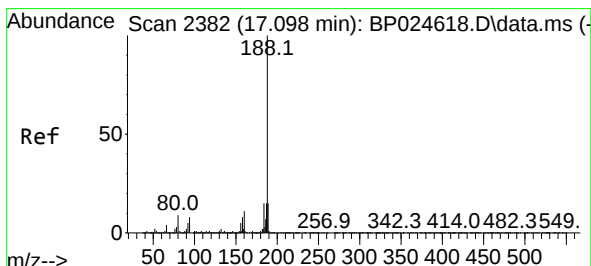
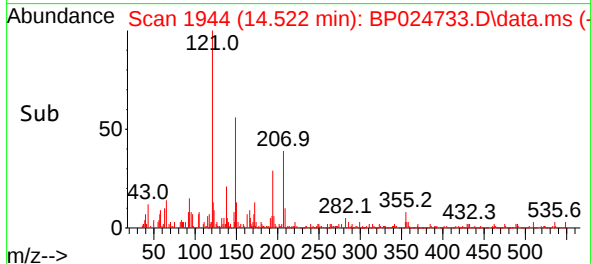
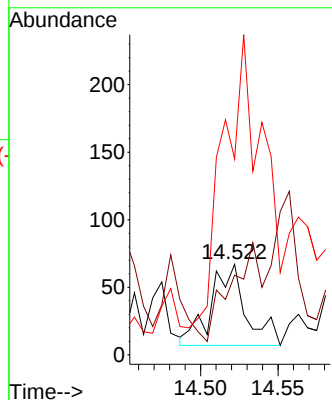
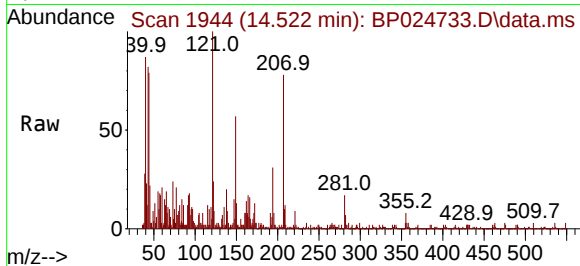




#56
4-Nitrophenol
Concen: 4.258 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

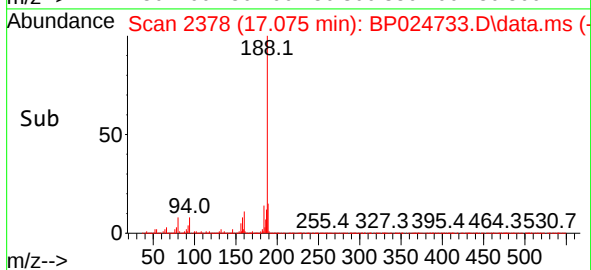
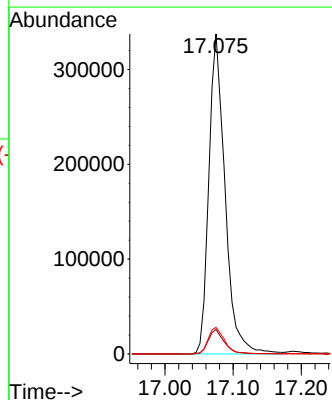
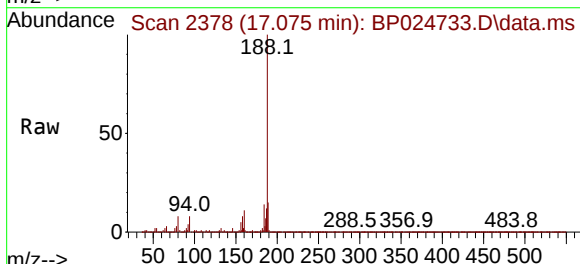
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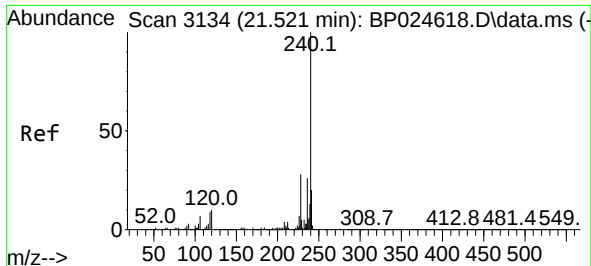
Tgt Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 88.1 61.4 101.4
65 216.4 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.023 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion:188 Resp: 558189
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.3 7.3 10.9

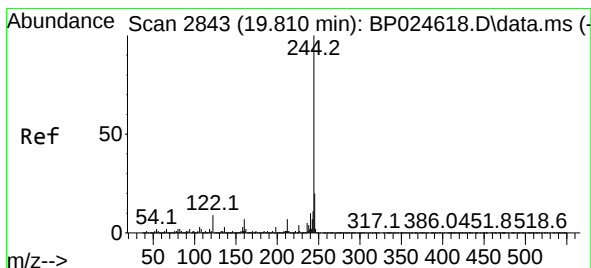
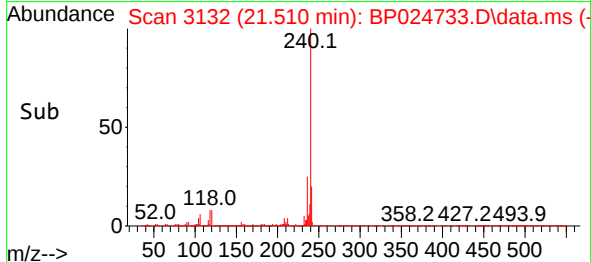
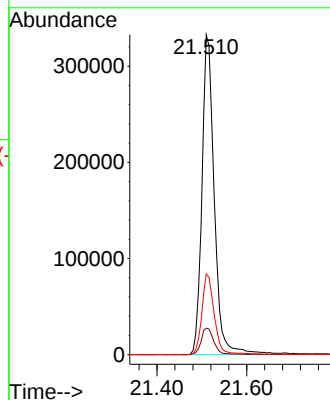
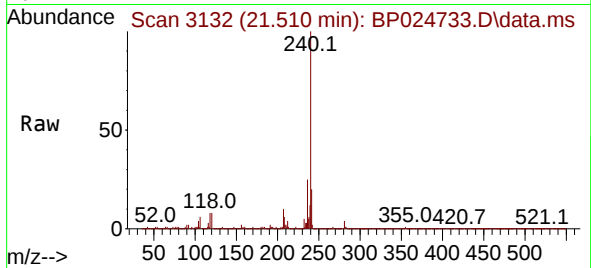




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

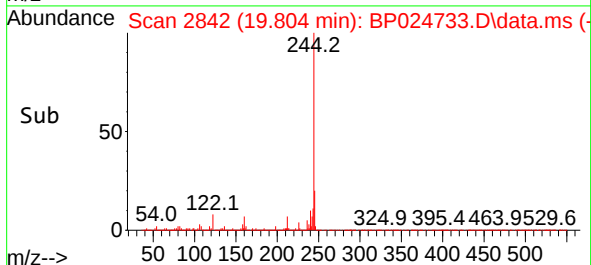
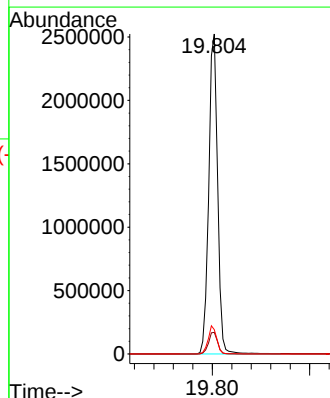
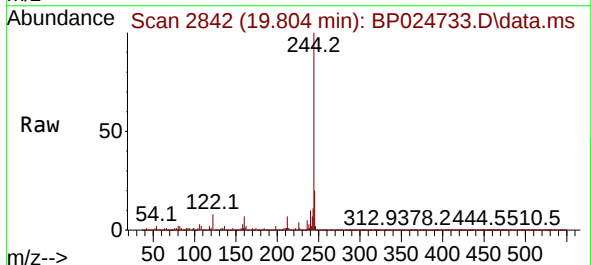
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

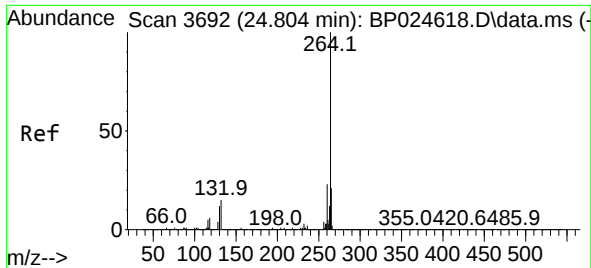
Tgt Ion:240 Resp: 637021
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 85.363 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion:244 Resp: 3171295
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 7.6 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: BP024733.D
Acq: 21 May 2025 09:35

Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

Tgt Ion:264 Resp: 721461

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.4	17.0	25.6

