

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024789.D
 Acq On : 23 May 2025 12:20
 Operator : RC/JU
 Sample : PB168131BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168131BL

Quant Time: May 23 12:39:38 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)

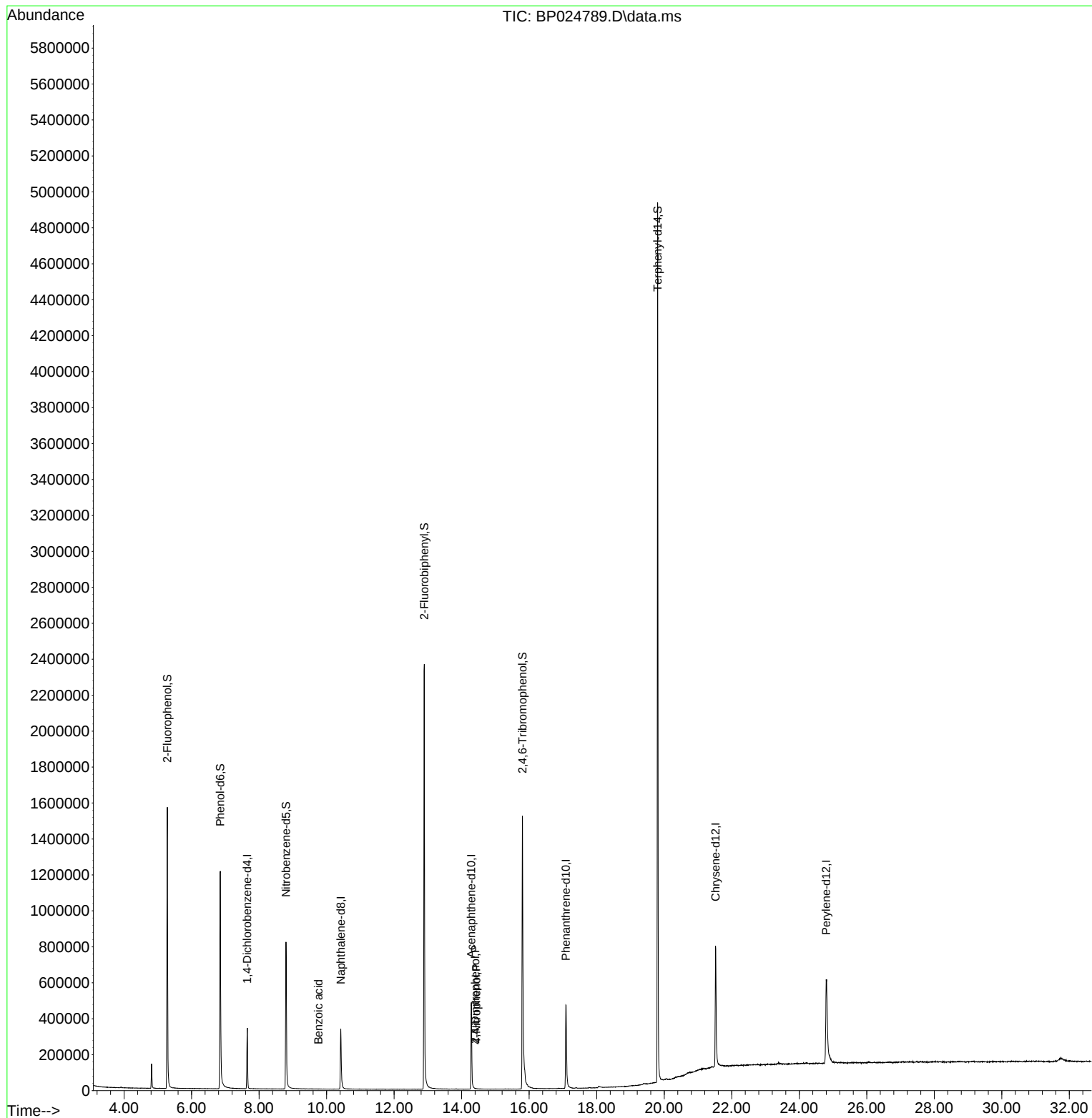
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	92865	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	345394	20.000	ng	#-0.01
39) Acenaphthene-d10	14.287	164	198239	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	413374	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	524054	20.000	ng	0.00
86) Perylene-d12	24.798	264	672842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	737128	135.763	ng	0.00
7) Phenol-d6	6.852	99	832369	120.119	ng	0.00
23) Nitrobenzene-d5	8.799	82	511449	74.818	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	524369	156.029	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1283293	84.810	ng	-0.01
79) Terphenyl-d14	19.804	244	2526787	82.676	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	10	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	18	6.409	ng	# 77
56) 4-Nitrophenol	14.434	139	19	4.240	ng	89

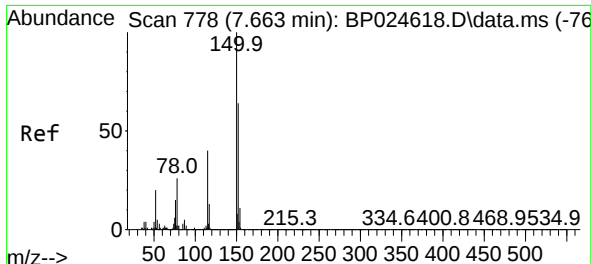
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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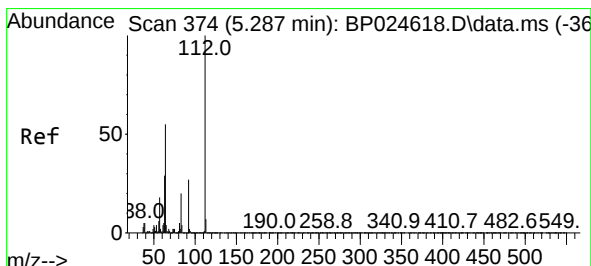
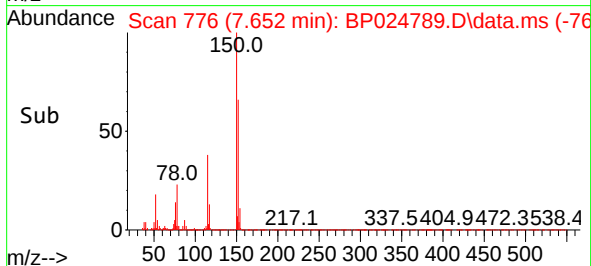
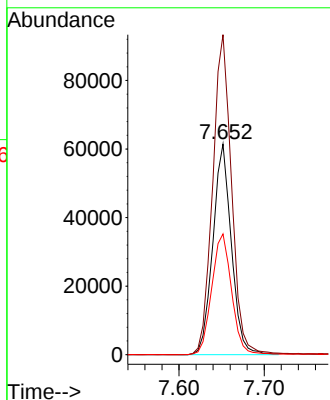
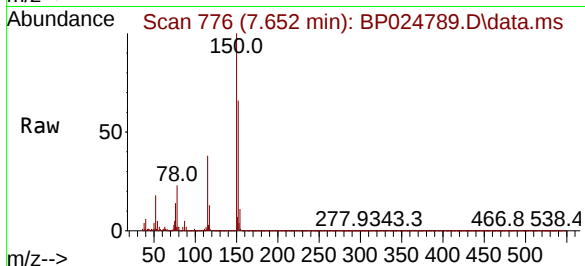




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

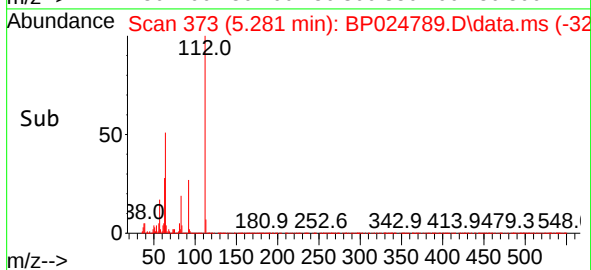
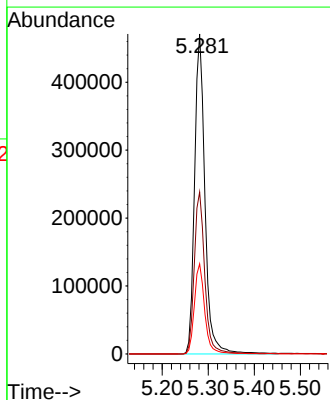
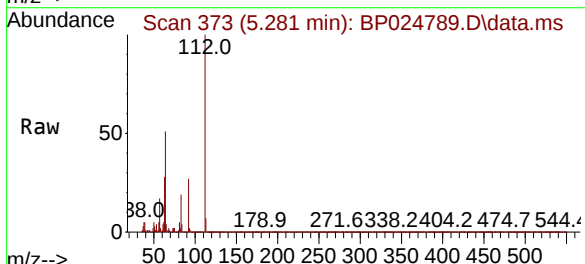
Instrument :
BNA_P
ClientSampleId :
PB168131BL

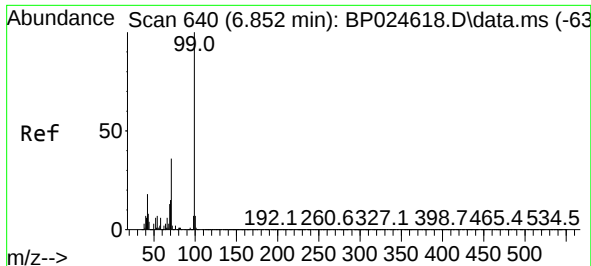
Tgt Ion:152 Resp: 92865
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 57.4 50.1 75.1



#5
2-Fluorophenol
Concen: 135.763 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:112 Resp: 737128
Ion Ratio Lower Upper
112 100
64 50.6 44.1 66.1
63 28.1 23.5 35.3

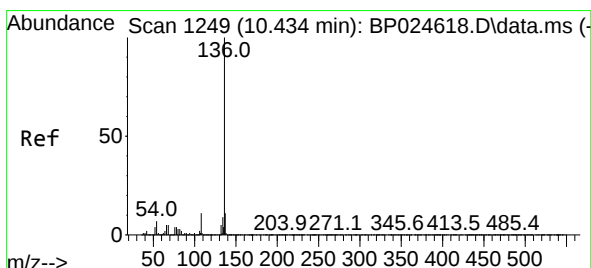
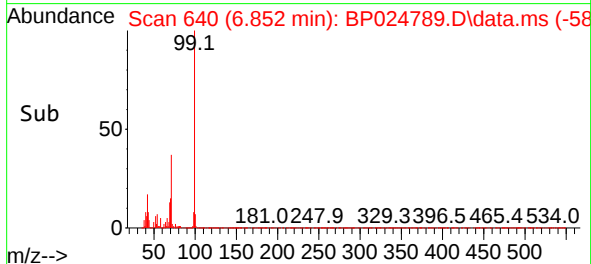
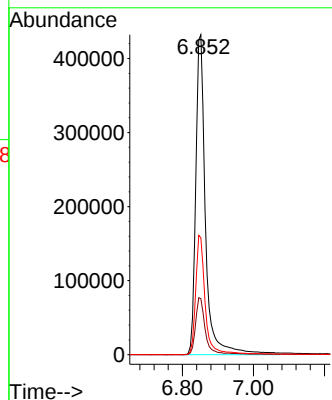
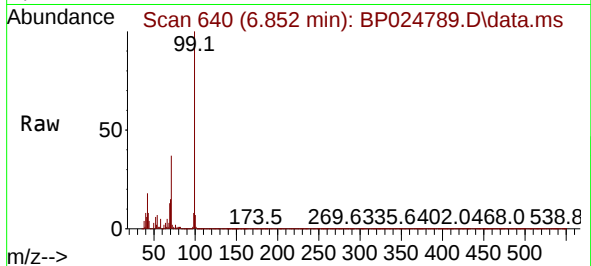




#7
Phenol-d6
Concen: 120.119 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

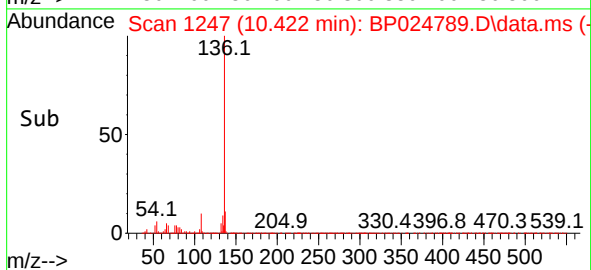
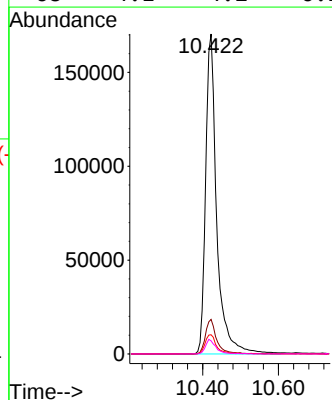
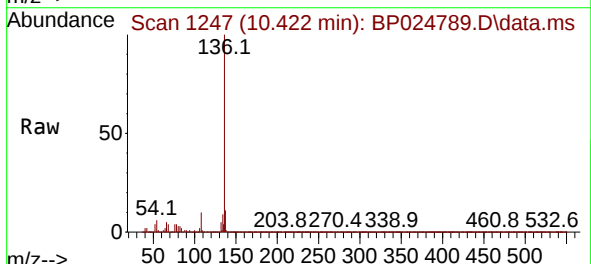
Instrument :
BNA_P
ClientSampleId :
PB168131BL

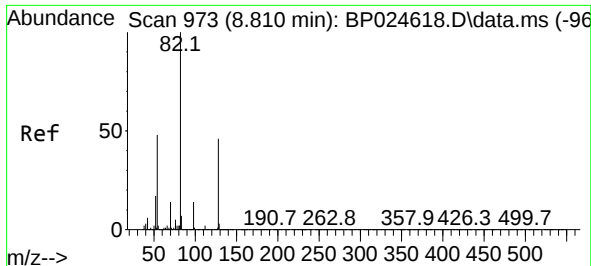
Tgt Ion: 99 Resp: 832369
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion: 136 Resp: 345394
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.0 5.5 8.3
68 4.1 4.2 6.2

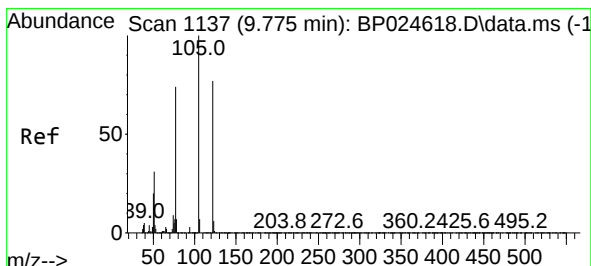
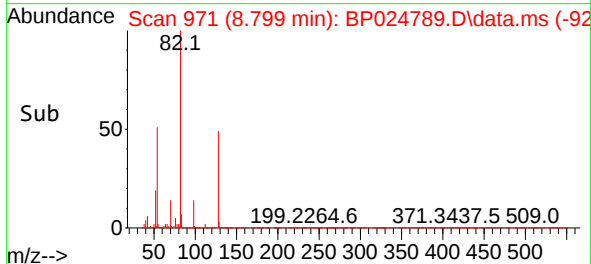
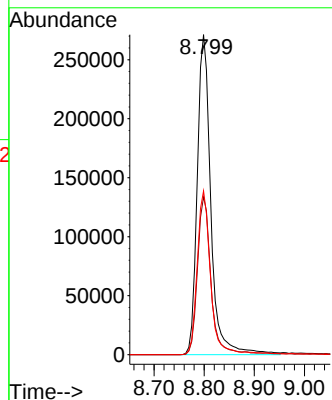
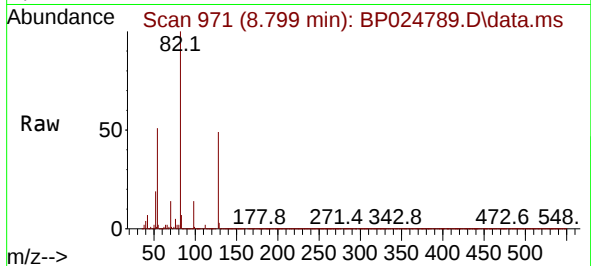




#23
Nitrobenzene-d5
Concen: 74.818 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

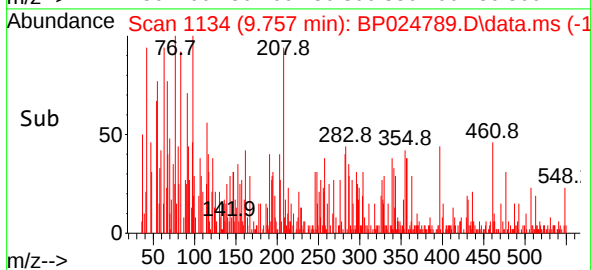
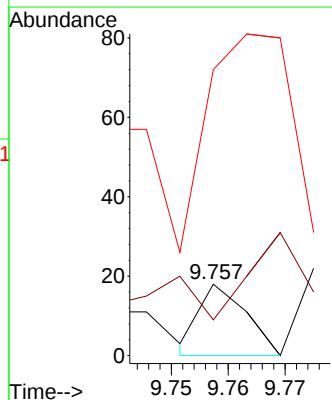
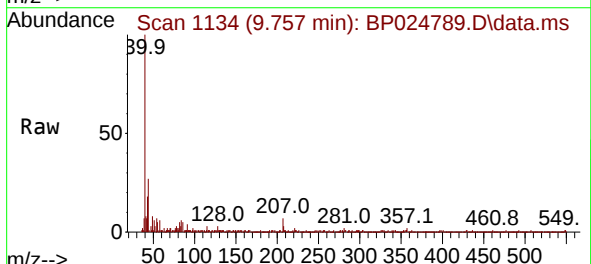
Instrument :
BNA_P
ClientSampleId :
PB168131BL

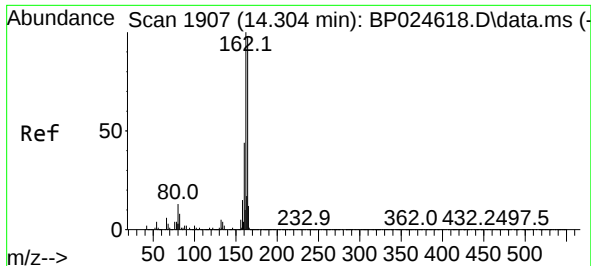
Tgt Ion: 82 Resp: 511449
Ion Ratio Lower Upper
82 100
128 49.3 37.0 55.4
54 51.2 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion: 122 Resp: 10
Ion Ratio Lower Upper
122 100
105 34.6 106.9 146.9#
77 276.9 75.1 115.1#

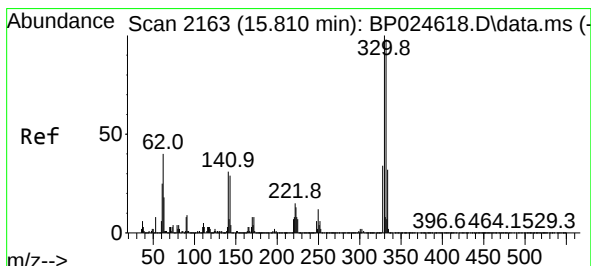
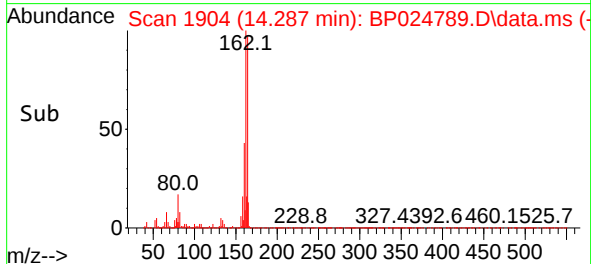
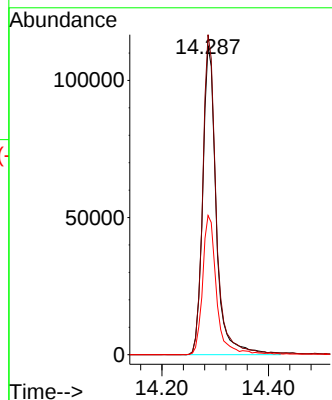
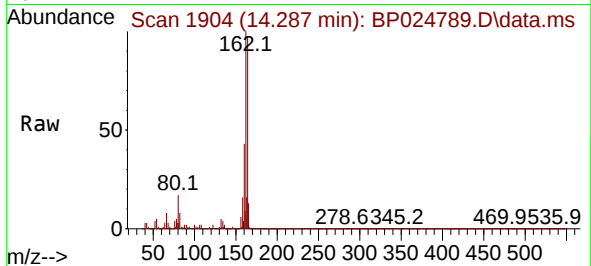




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

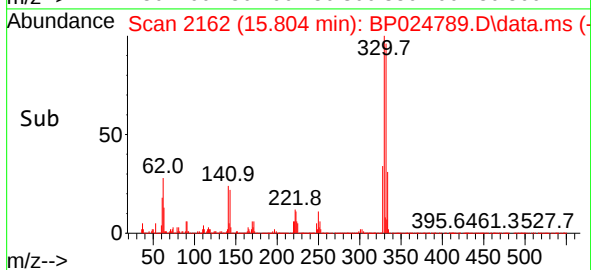
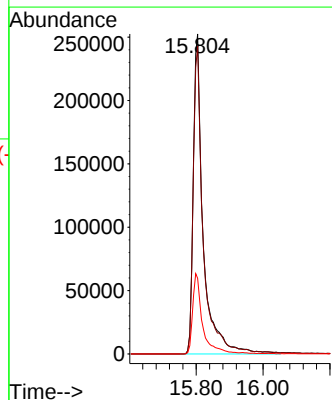
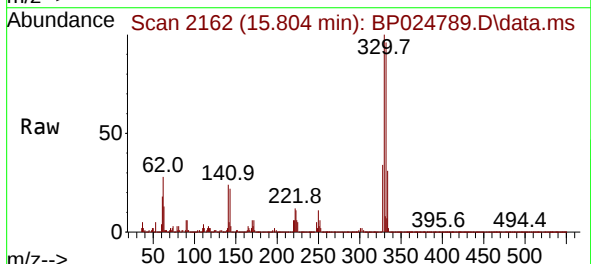
Instrument :
BNA_P
ClientSampleId :
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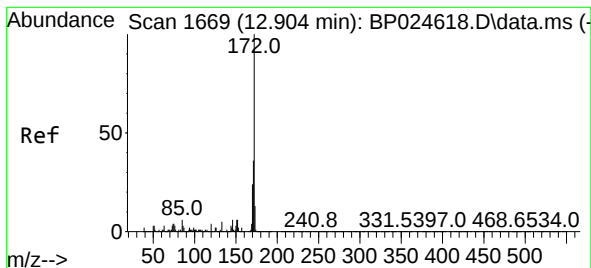
Tgt Ion:164 Resp: 198239
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 156.029 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:330 Resp: 524369
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 24.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 84.810 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024789.D

Acq: 23 May 2025 12:20

Instrument :

BNA_P

ClientSampleId :

PB168131BL

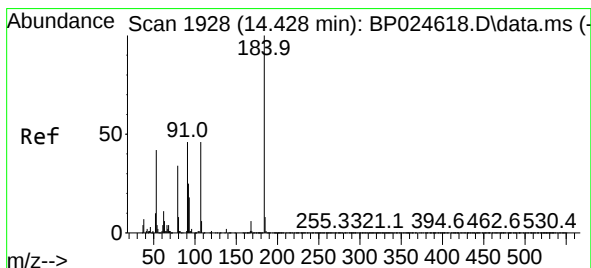
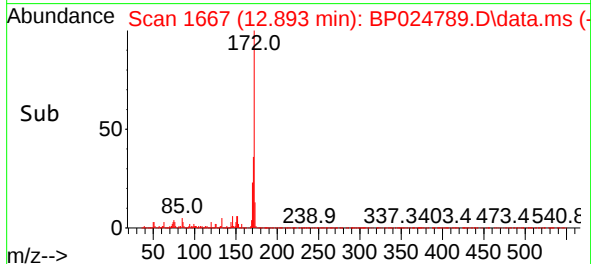
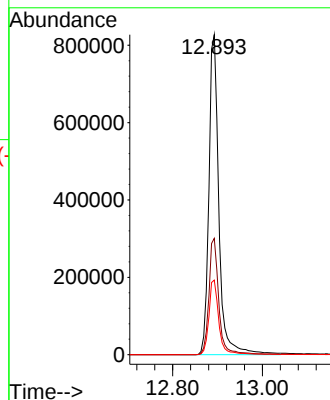
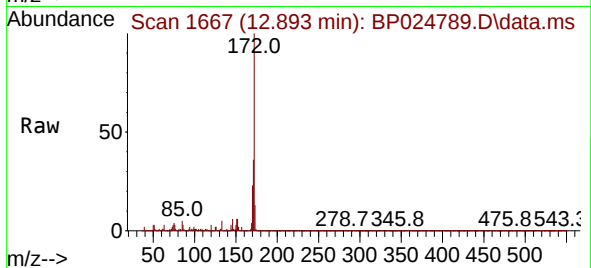
Tgt Ion:172 Resp: 1283293

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.3 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.409 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024789.D

Acq: 23 May 2025 12:20

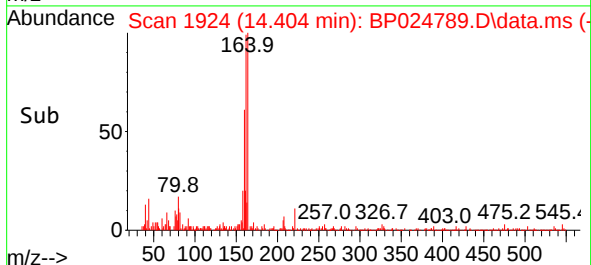
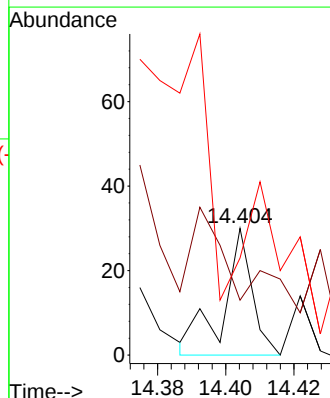
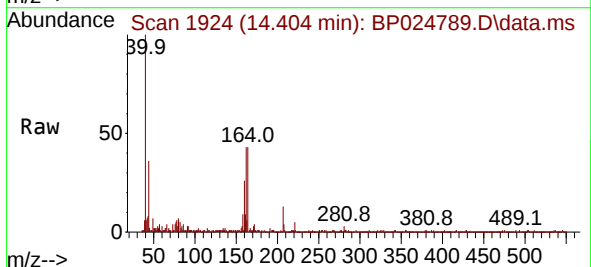
Tgt Ion:184 Resp: 18

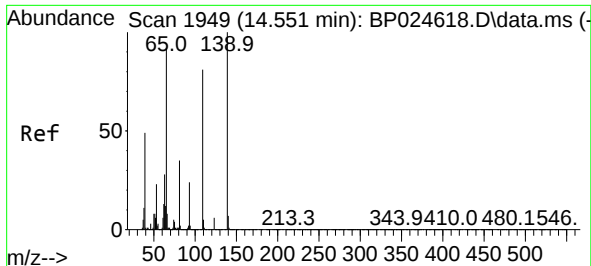
Ion Ratio Lower Upper

184 100

63 43.3 51.3 76.9#

154 83.3 53.5 80.3#

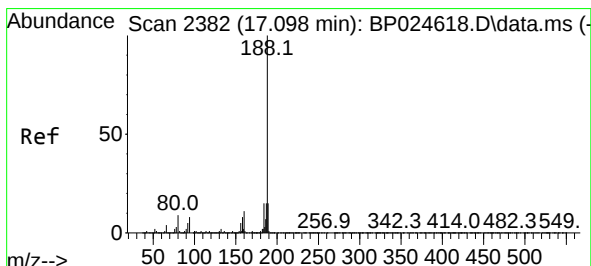
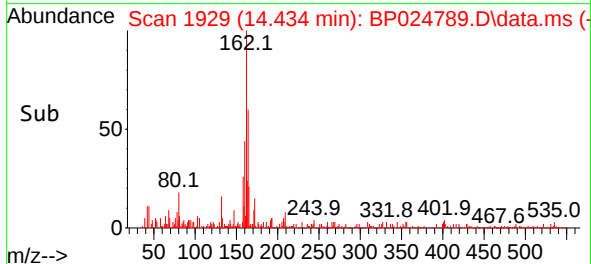
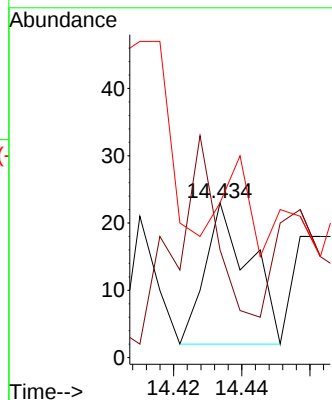
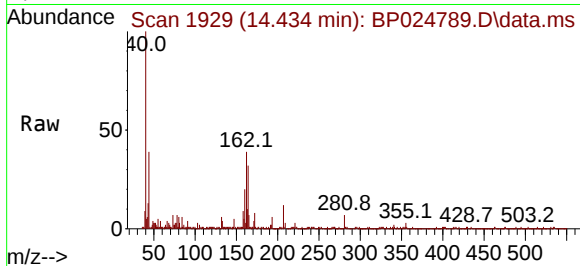




#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.434 min Scan# 1949
Delta R.T. -0.117 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

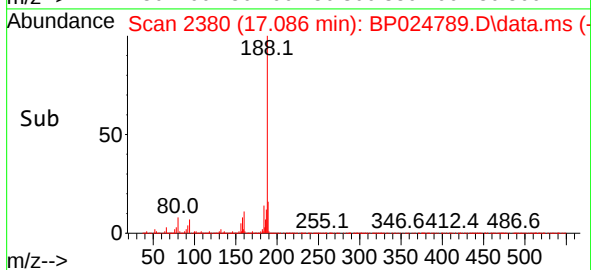
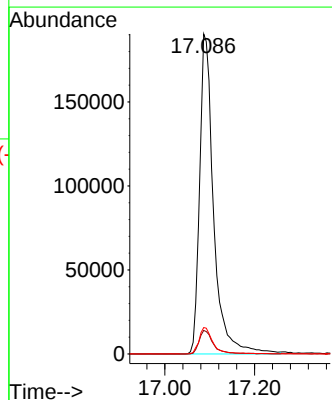
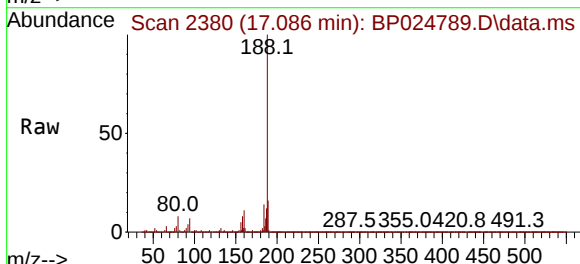
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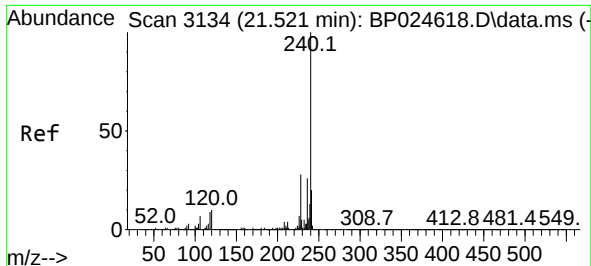
Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 69.6 61.4 101.4
65 100.0 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:188 Resp: 413374
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.3 7.3 10.9

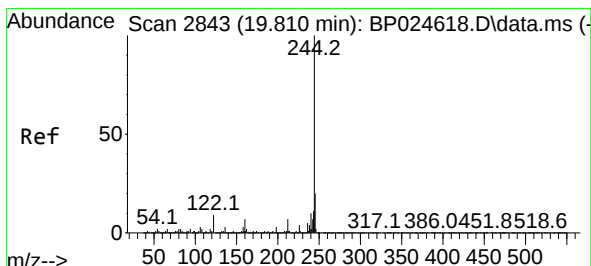
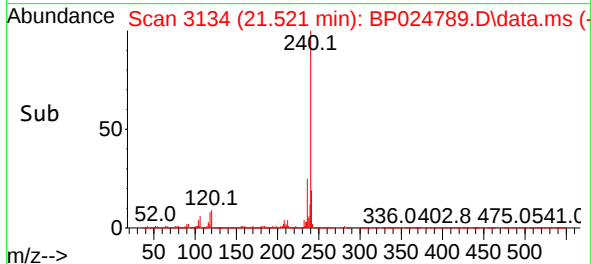
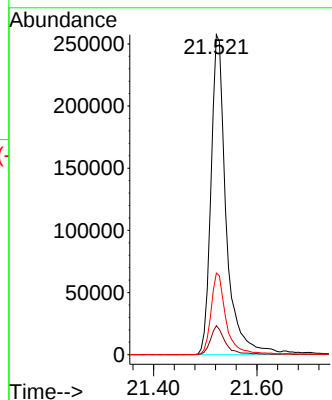
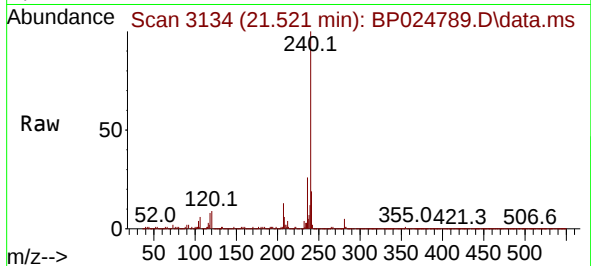




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

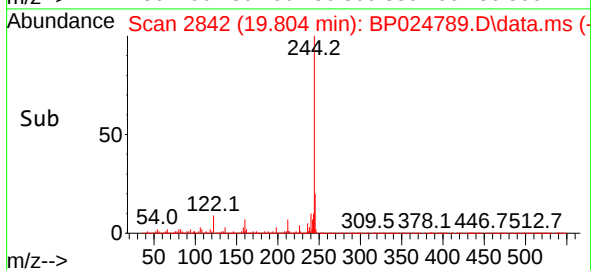
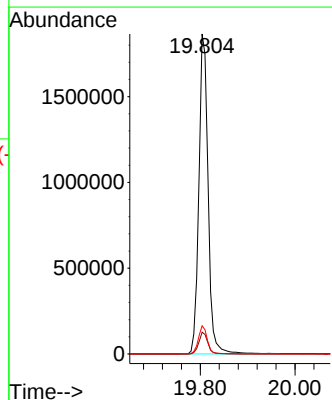
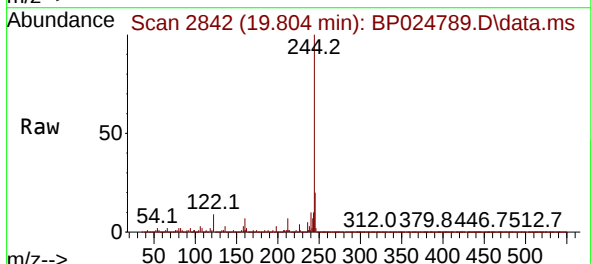
Instrument :
BNA_P
ClientSampleId :
PB168131BL

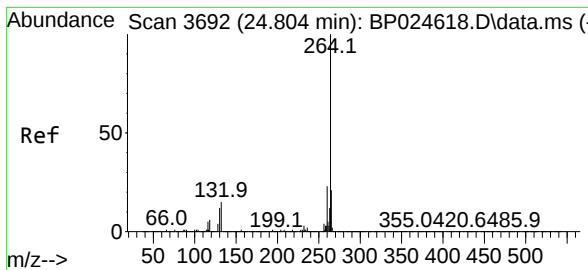
Tgt Ion:240 Resp: 524054
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 82.676 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:244 Resp: 2526787
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.8 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Instrument :
BNA_P
ClientSampleId :
PB168131BL

Tgt Ion:264 Resp: 672842

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.3	17.0	25.6

