

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024792.D
 Acq On : 23 May 2025 14:26
 Operator : RC/JU
 Sample : Q2097-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3888

Quant Time: May 23 14:44:43 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)

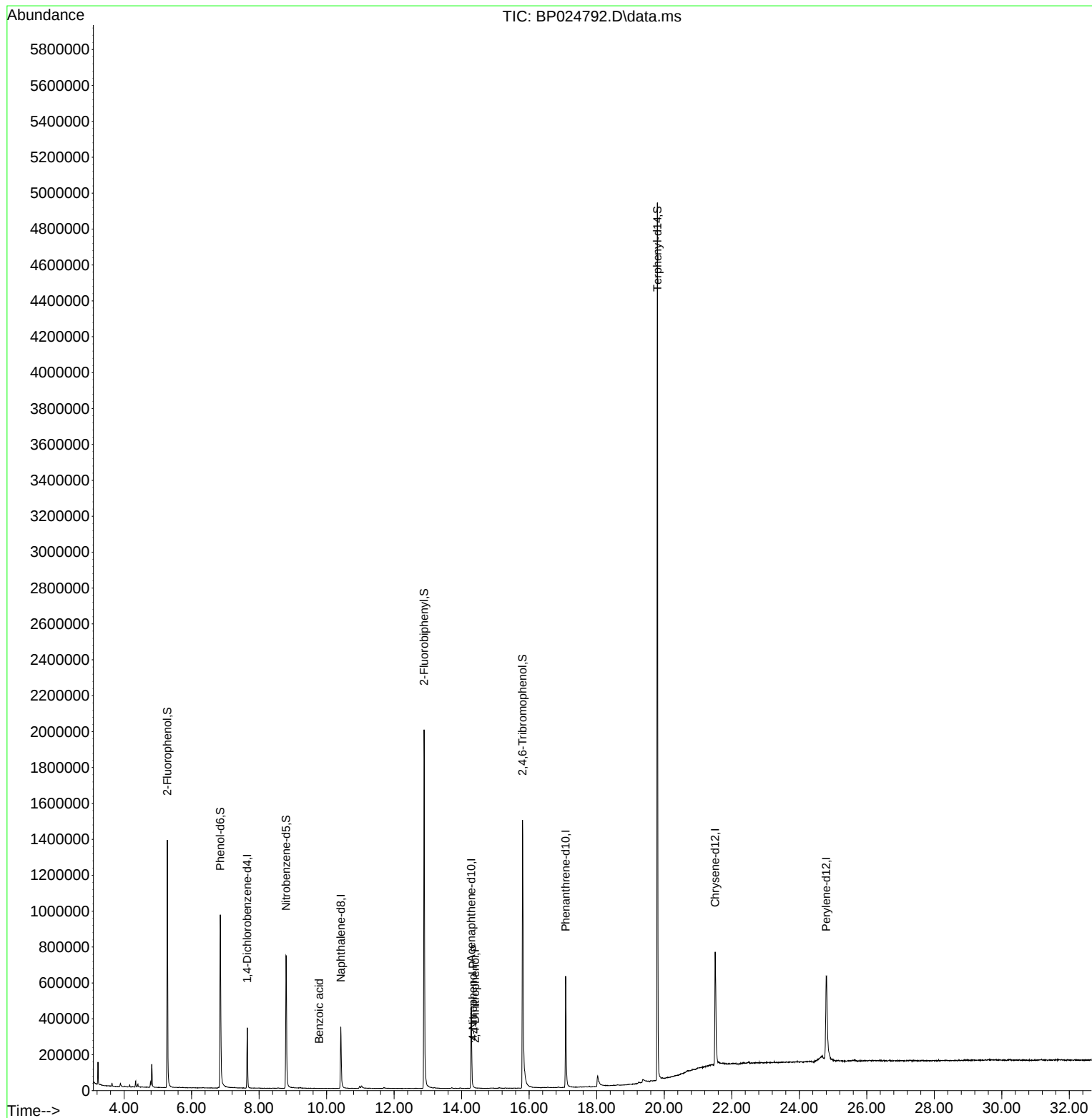
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	88808	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	328657	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	197627	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	417599	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	552107	20.000	ng	-0.01
86) Perylene-d12	24.798	264	683750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	619606	119.331	ng	0.00
7) Phenol-d6	6.852	99	673219	101.590	ng	0.00
23) Nitrobenzene-d5	8.799	82	474941	73.016	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	510218	152.288	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	1114866	73.908	ng	-0.02
79) Terphenyl-d14	19.798	244	2592486	80.516	ng	-0.01
Target Compounds						
32) Benzoic acid	9.781	122	21	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.398	184	26	6.413	ng	# 1
56) 4-Nitrophenol	14.334	139	20	4.241	ng	86

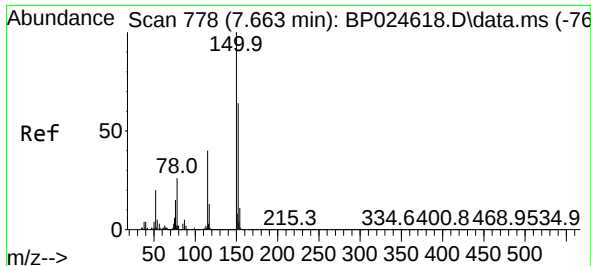
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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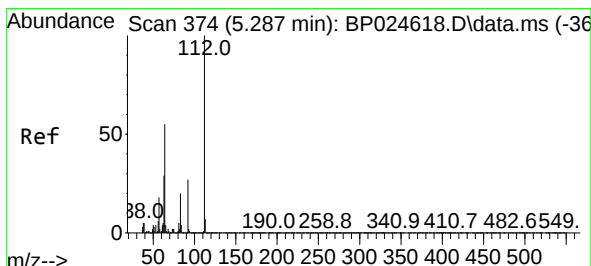
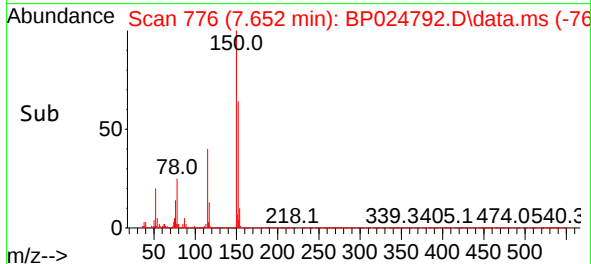
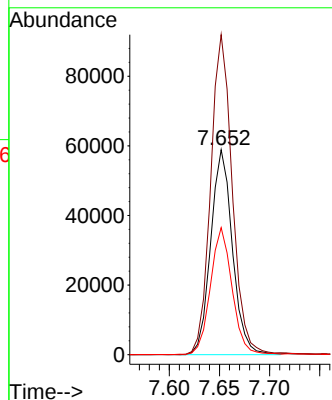
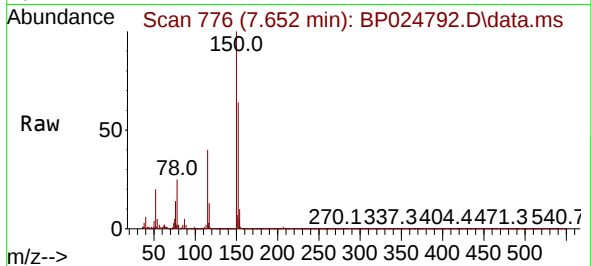




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

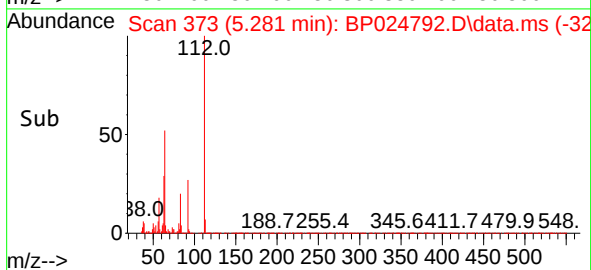
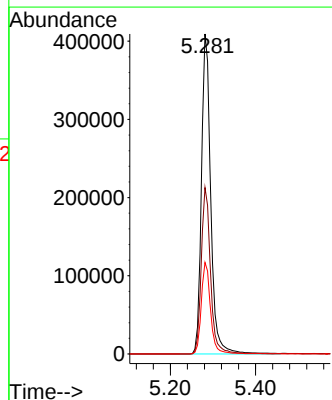
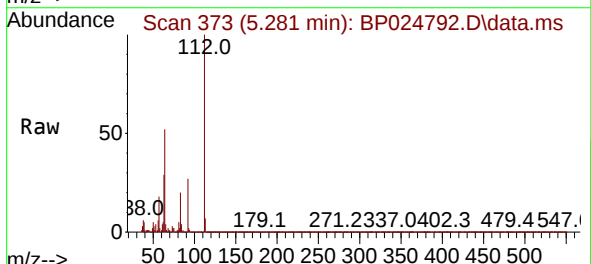
Instrument :
BNA_P
ClientSampleId :
RT-3888

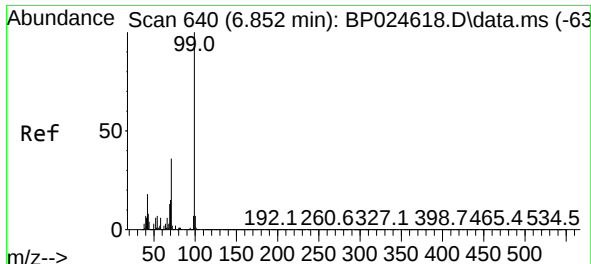
Tgt Ion:152 Resp: 88808
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 119.331 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion:112 Resp: 619606
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.6 23.5 35.3

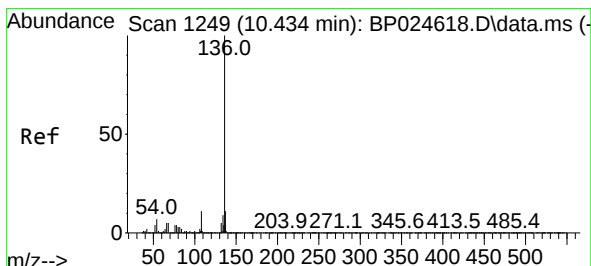
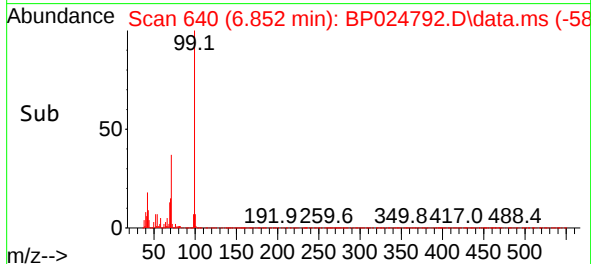
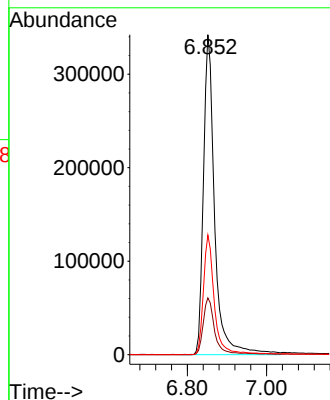
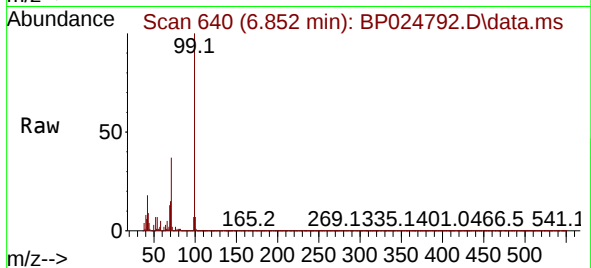




#7
Phenol-d6
Concen: 101.590 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

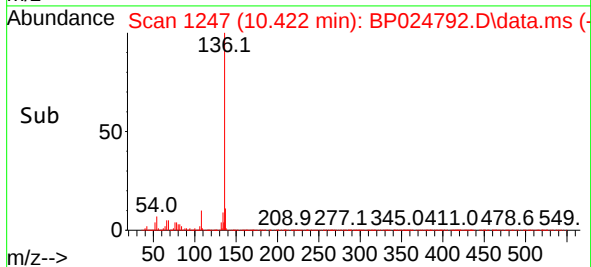
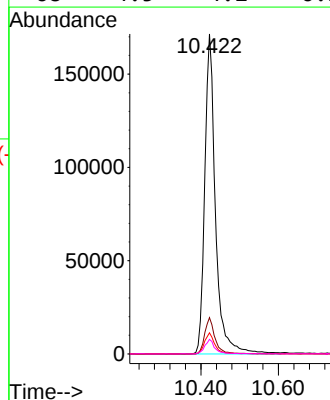
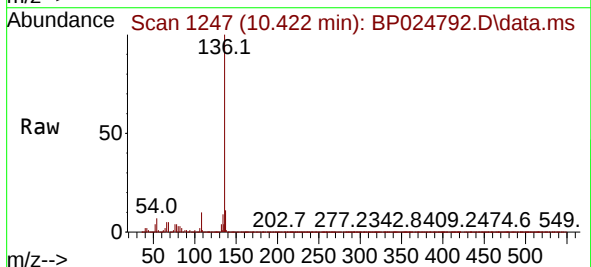
Instrument :
BNA_P
ClientSampleId :
RT-3888

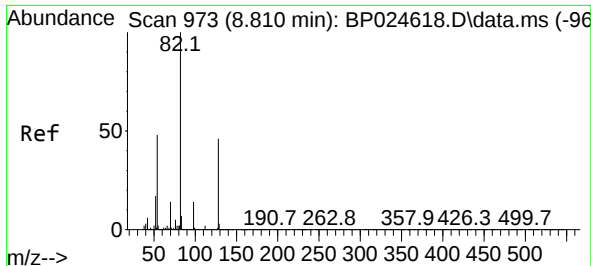
Tgt Ion: 99 Resp: 673219
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 37.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion:136 Resp: 328657
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.6 5.5 8.3
68 4.5 4.2 6.2

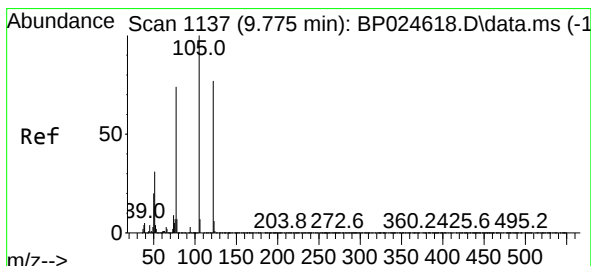
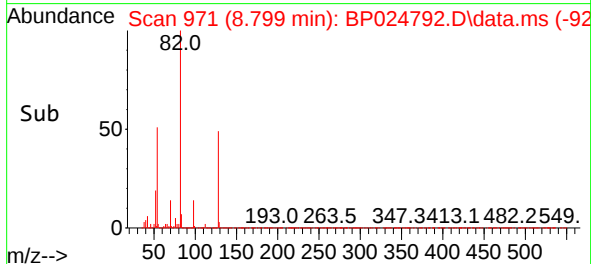
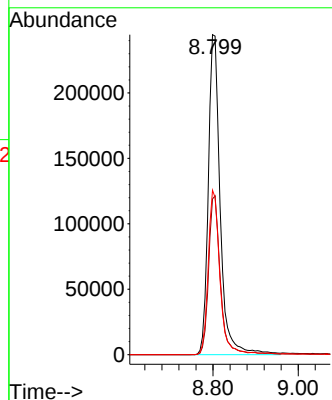
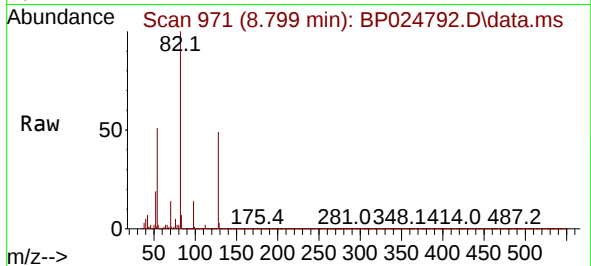




#23
Nitrobenzene-d5
Concen: 73.016 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

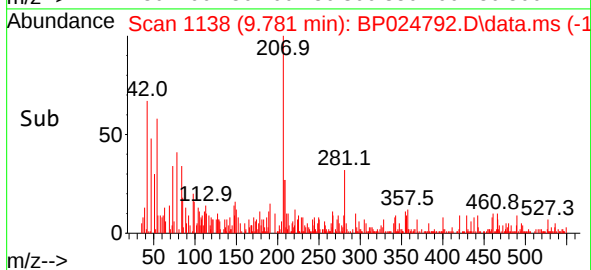
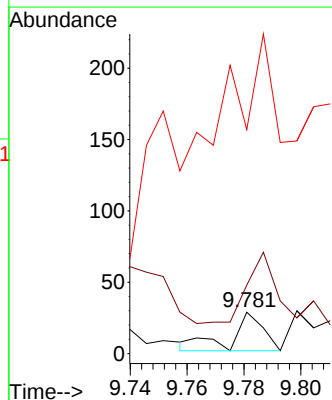
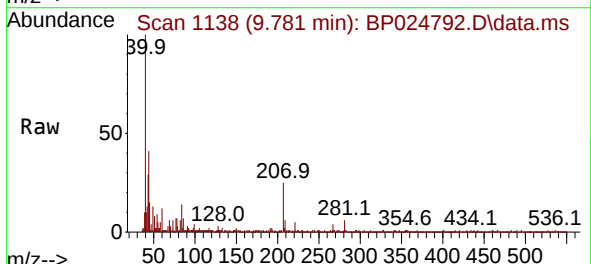
Instrument :
BNA_P
ClientSampleId :
RT-3888

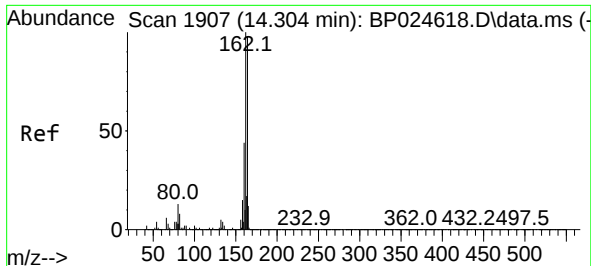
Tgt Ion: 82 Resp: 474941
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 51.4 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion: 122 Resp: 21
Ion Ratio Lower Upper
122 100
105 154.8 106.9 146.9#
77 506.5 75.1 115.1#

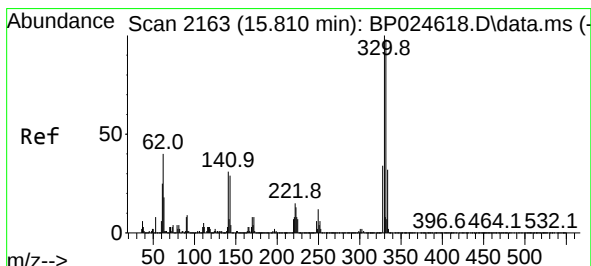
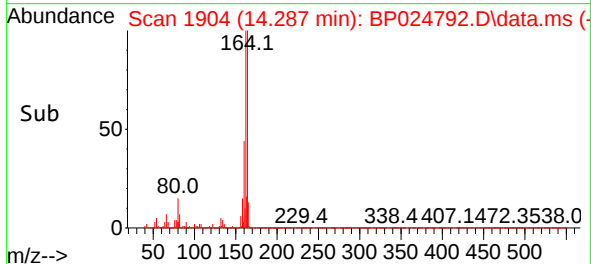
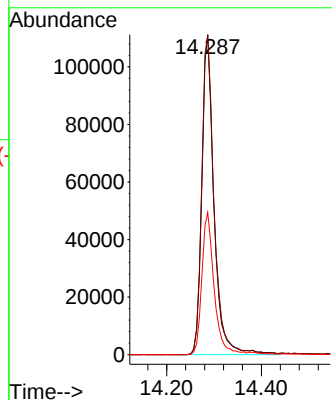
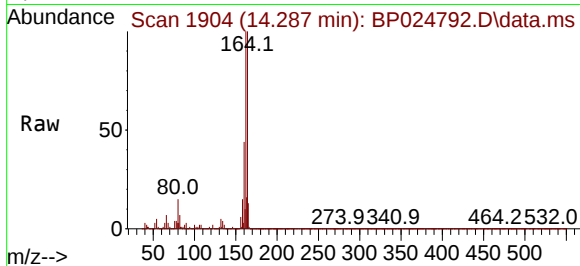




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

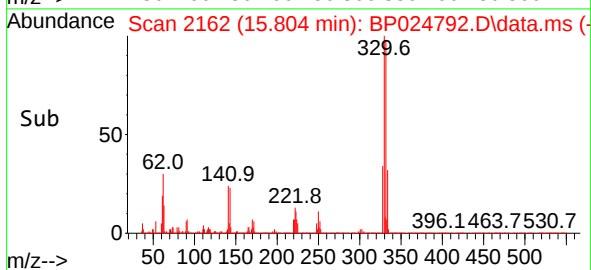
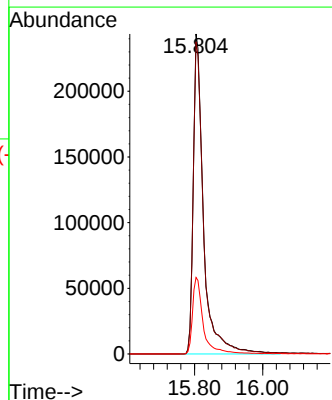
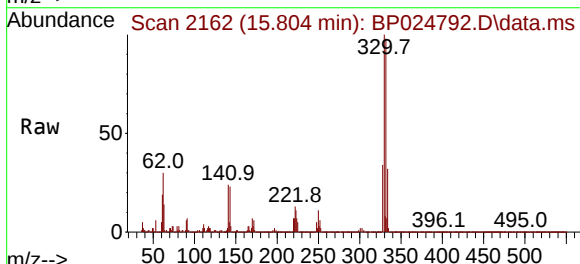
Instrument :
BNA_P
ClientSampleId :
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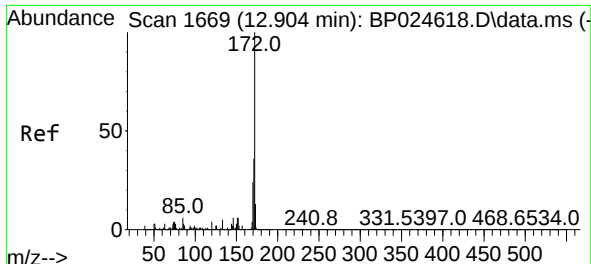
Tgt Ion:164 Resp: 197627
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.6
160 44.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 152.288 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion:330 Resp: 510218
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.4
141 24.8 24.3 36.5

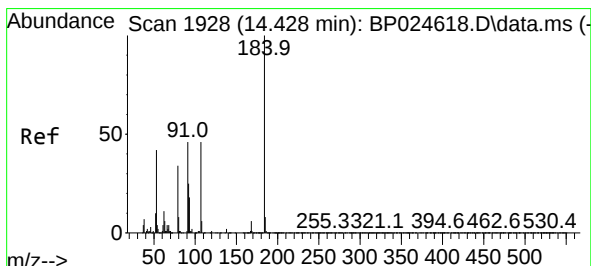
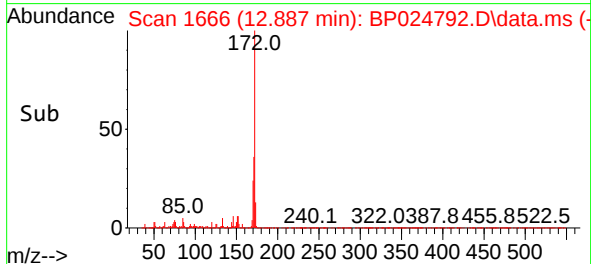
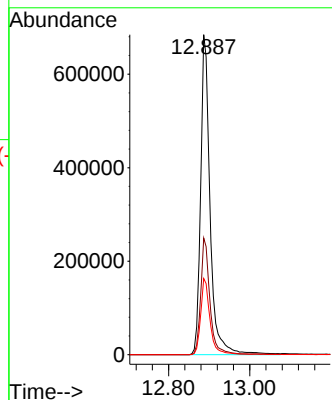
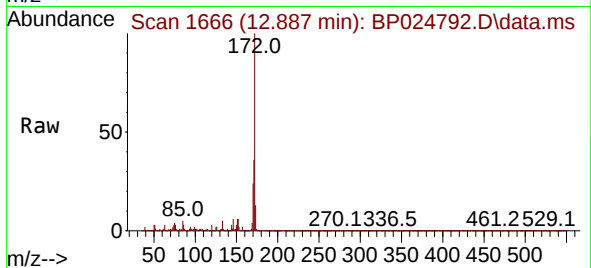




#45
2-Fluorobiphenyl
Concen: 73.908 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

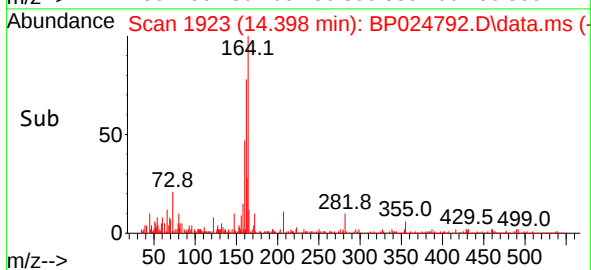
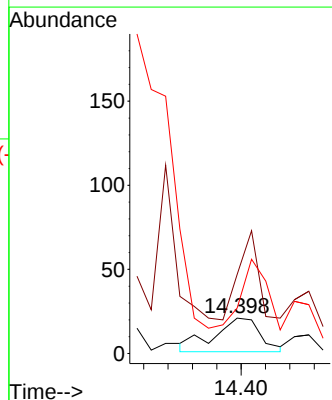
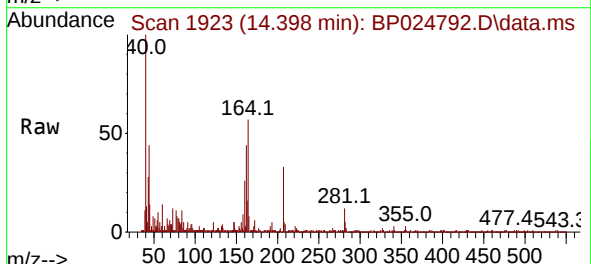
Instrument :
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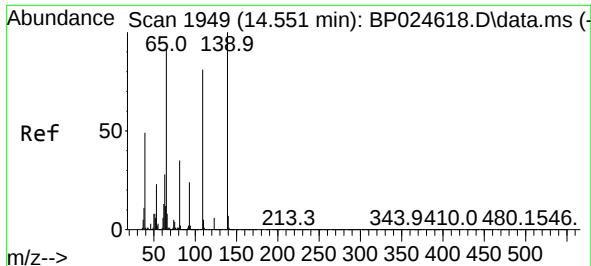
Tgt Ion:172 Resp: 1114866
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.8 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.413 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.030 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 223.8 51.3 76.9#
154 128.6 53.5 80.3#

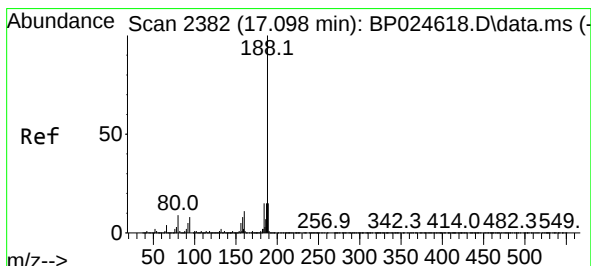
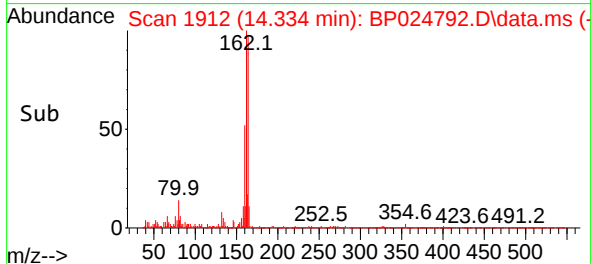
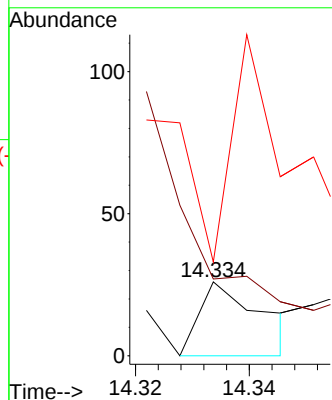
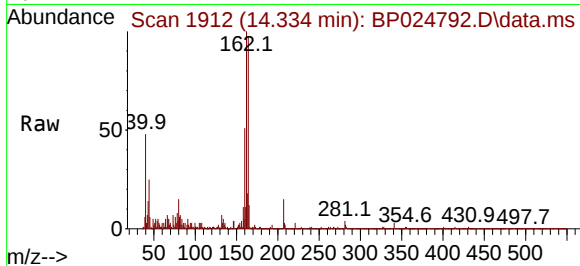




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.334 min Scan# 1949
Delta R.T. -0.217 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

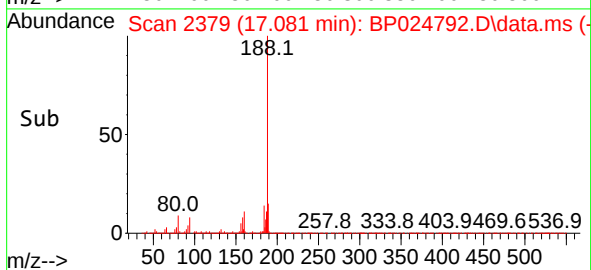
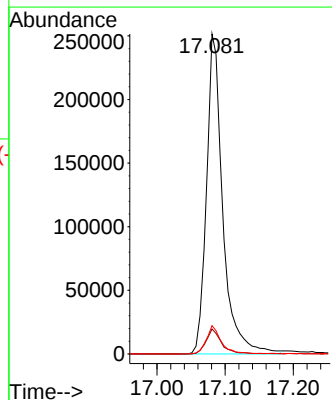
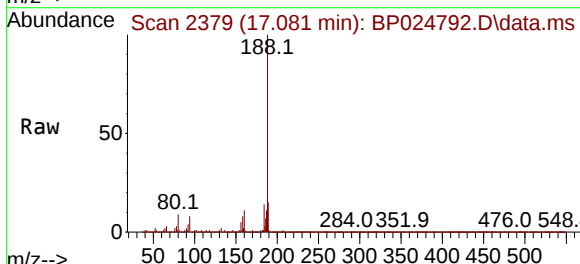
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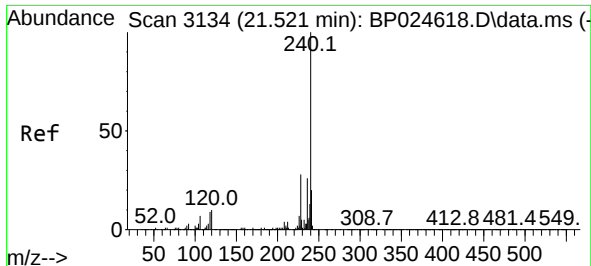
Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 97.5 61.4 101.4
65 82.5 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion:188 Resp: 417599
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.8 7.3 10.9

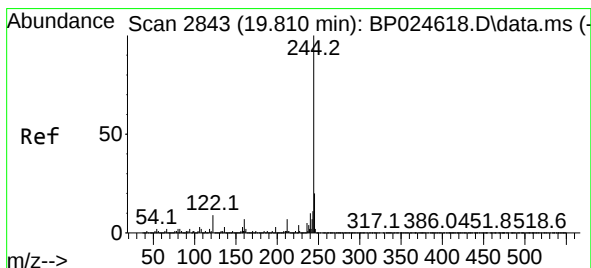
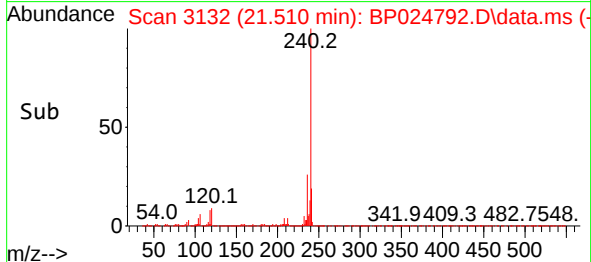
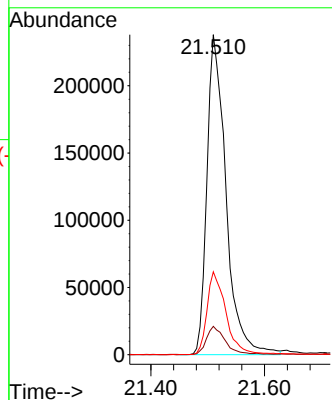
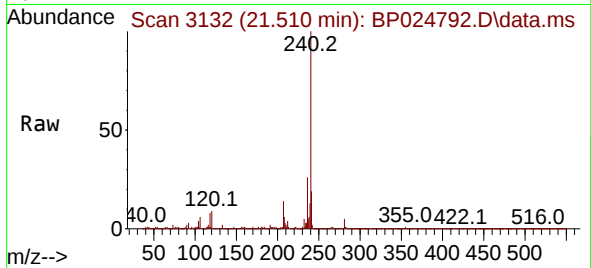




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

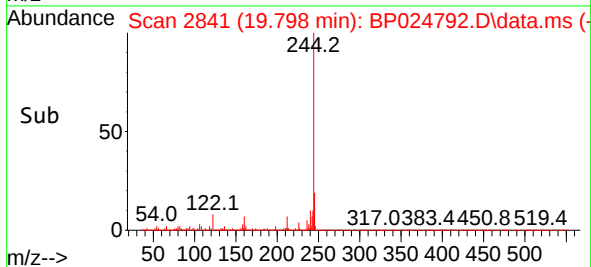
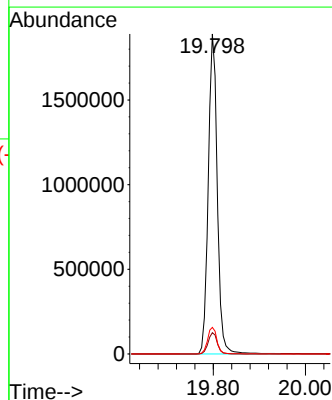
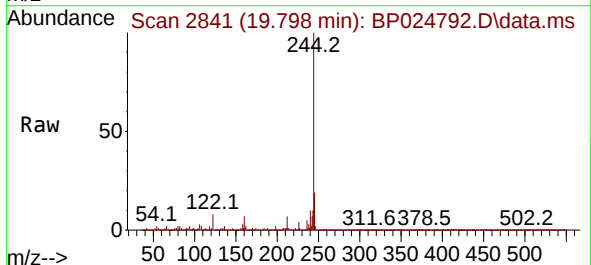
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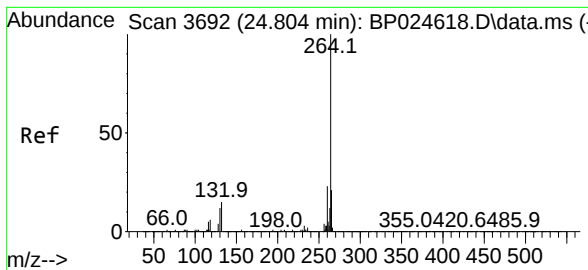
Tgt Ion:240 Resp: 552107
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 80.516 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BP024792.D
Acq: 23 May 2025 14:26

Tgt Ion:244 Resp: 2592486
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 8.3 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: BP024792.D
Acq: 23 May 2025 14:26

Instrument :
BNA_P
ClientSampleId :
RT-3888

Tgt Ion:264 Resp: 683750

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.0	25.6

