

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024797.D
 Acq On : 23 May 2025 17:49
 Operator : RC/JU
 Sample : Q2094-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3

Quant Time: May 23 18:11:28 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)

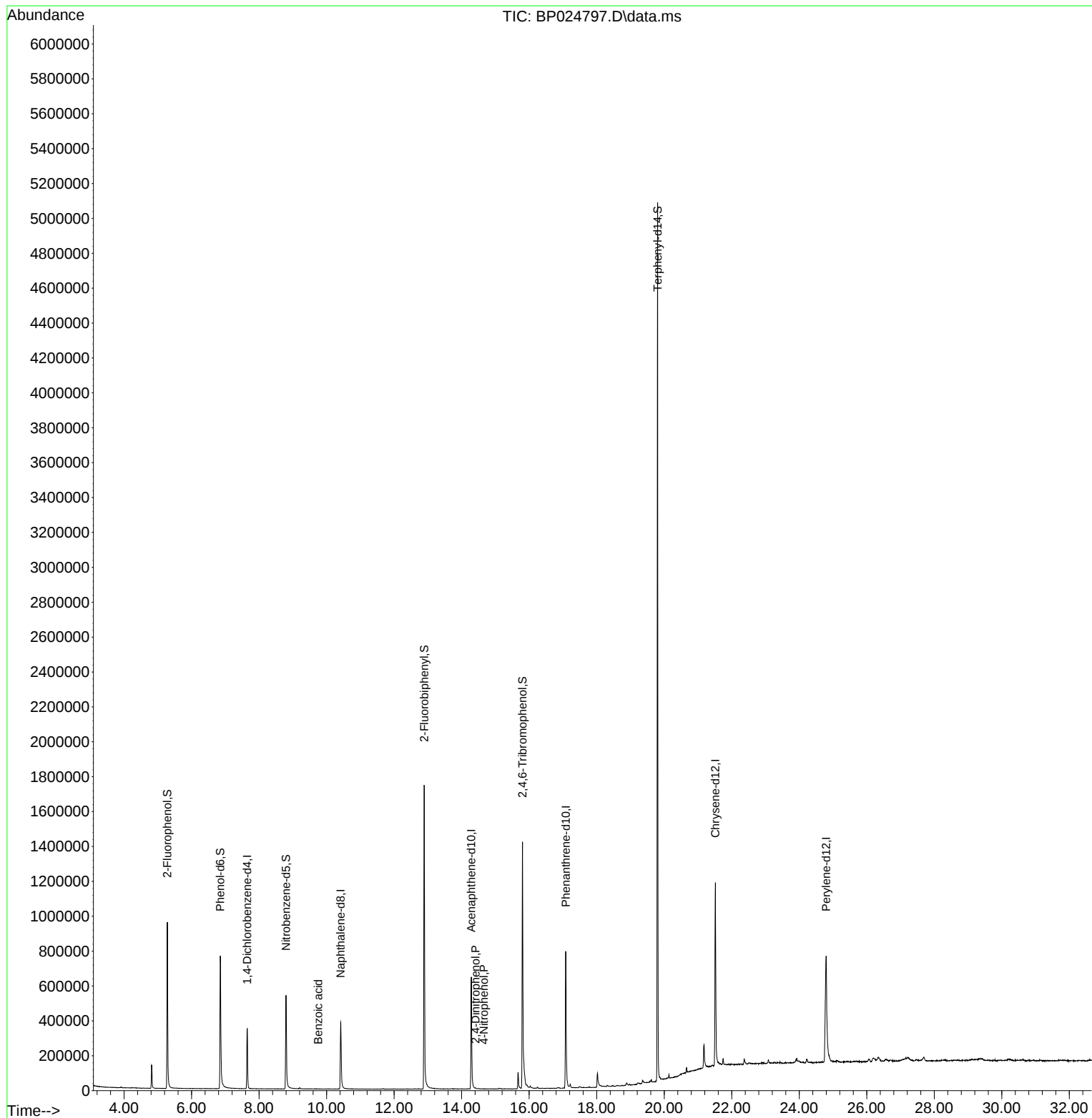
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	100051	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	392793	20.000	ng	-0.02
39) Acenaphthene-d10	14.287	164	259486	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	582213	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	724912	20.000	ng	0.00
86) Perylene-d12	24.798	264	819378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	442070	75.572	ng	0.00
7) Phenol-d6	6.852	99	528715	70.818	ng	0.00
23) Nitrobenzene-d5	8.799	82	346826	44.614	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	414486	94.222	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1002246	50.603	ng	-0.01
79) Terphenyl-d14	19.804	244	2259099	53.436	ng	0.00
Target Compounds						
32) Benzoic acid	9.751	122	36	7.476	ng	Qvalue # 45
54) 2,4-Dinitrophenol	14.416	184	21	6.408	ng	# 1
56) 4-Nitrophenol	14.663	139	36	4.243	ng	86

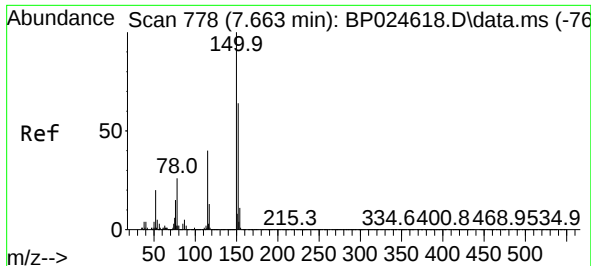
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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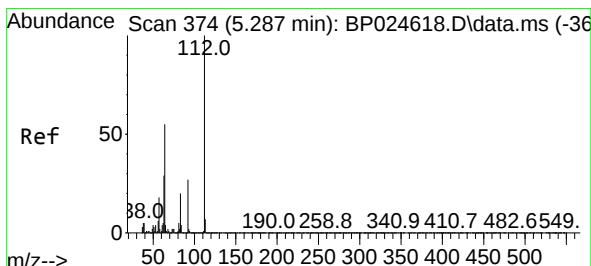
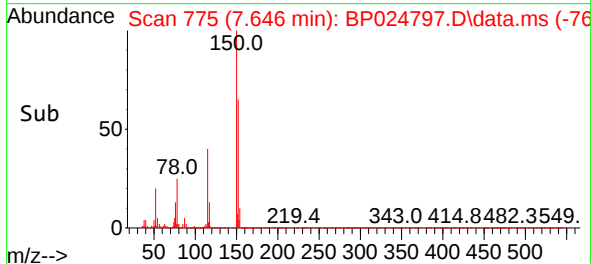
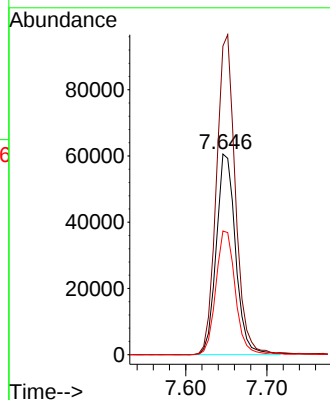
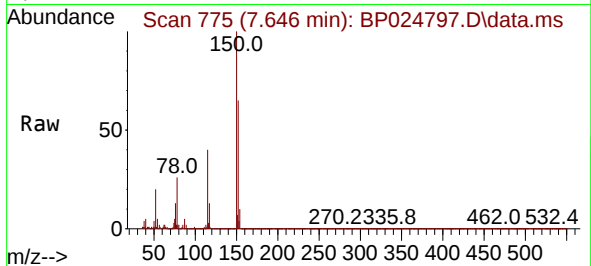




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

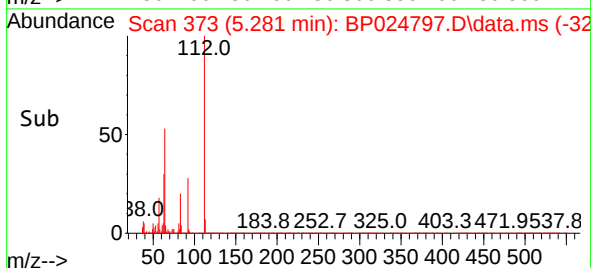
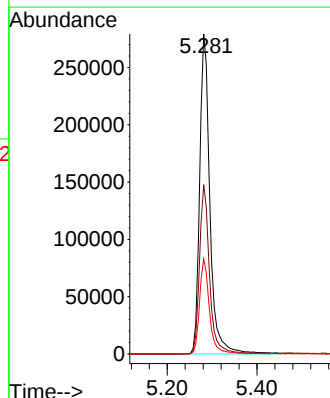
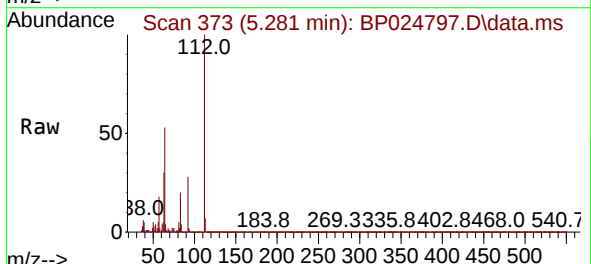
Instrument :
BNA_P
ClientSampleId :
COMP-3

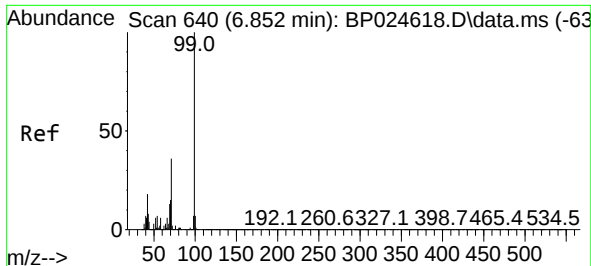
Tgt Ion:152 Resp: 100051
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 61.7 50.1 75.1



#5
2-Fluorophenol
Concen: 75.572 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:112 Resp: 442070
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 29.7 23.5 35.3

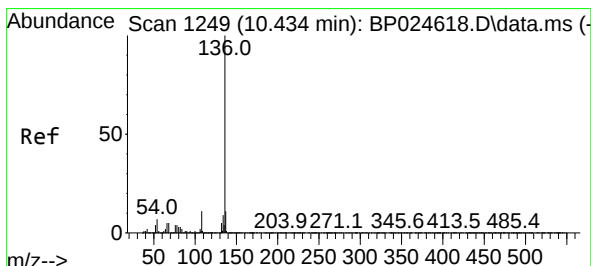
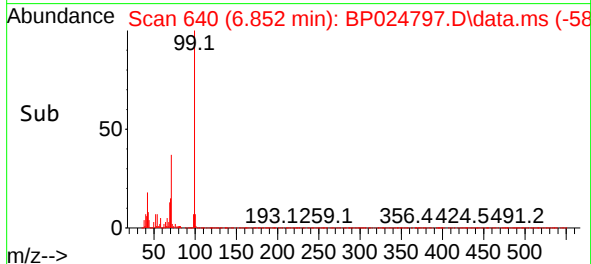
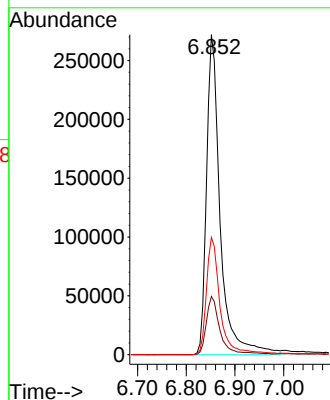
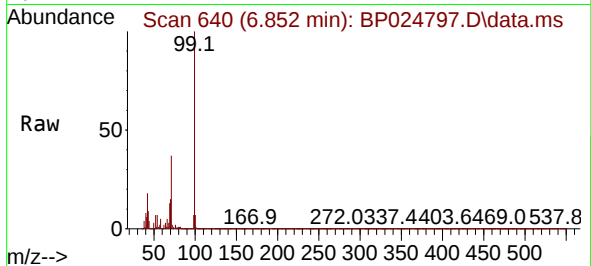




#7
Phenol-d6
Concen: 70.818 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

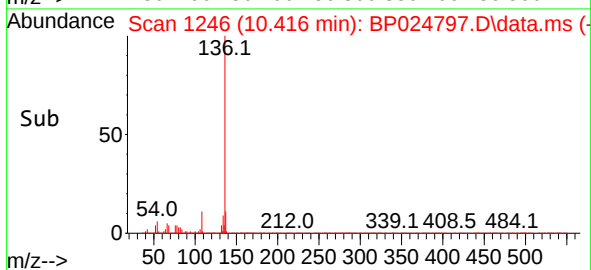
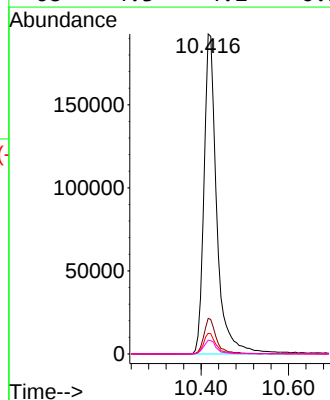
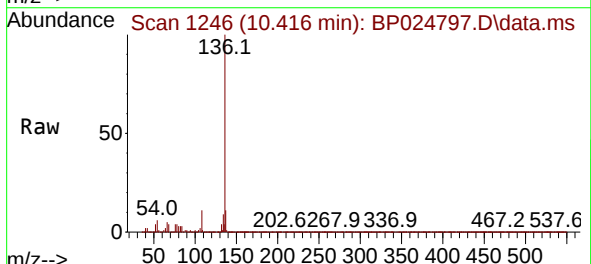
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BNA_P
ClientSampleId :
COMP-3

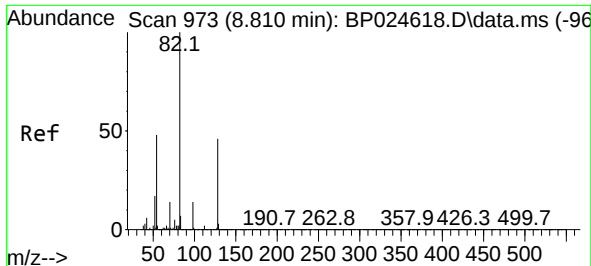
Tgt Ion: 99 Resp: 528715
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 36.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion: 136 Resp: 392793
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.5 8.3
68 4.3 4.2 6.2

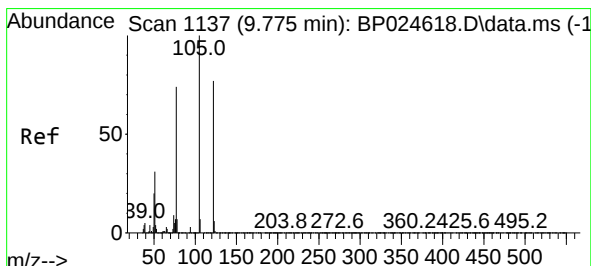
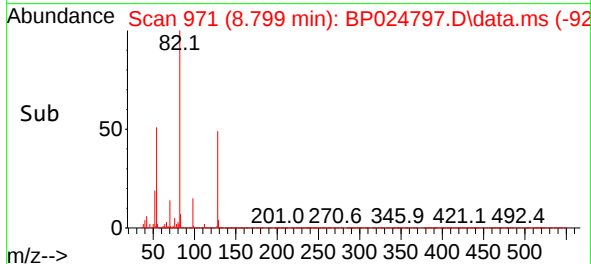
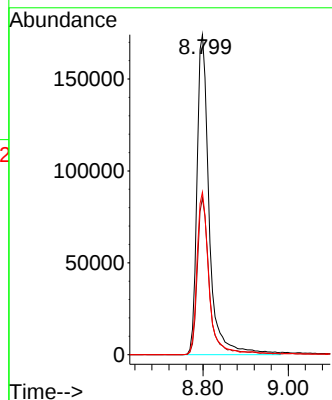
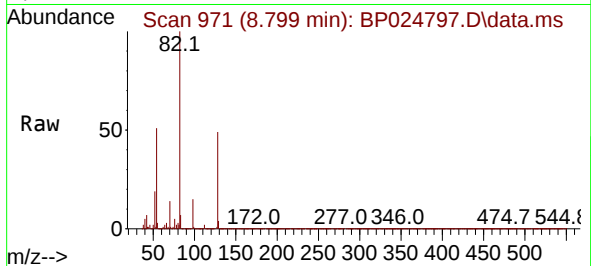




#23
Nitrobenzene-d5
Concen: 44.614 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

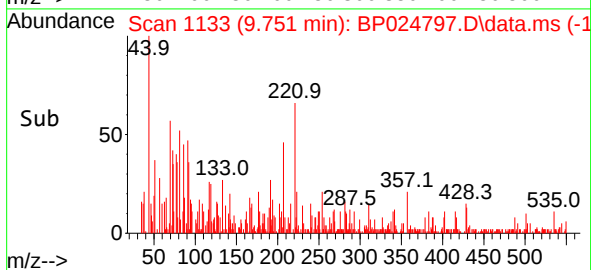
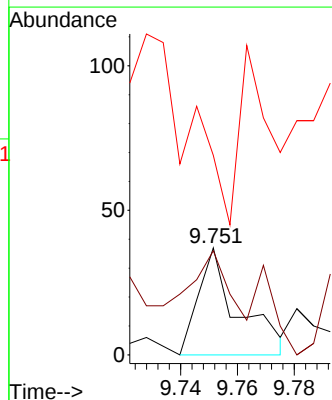
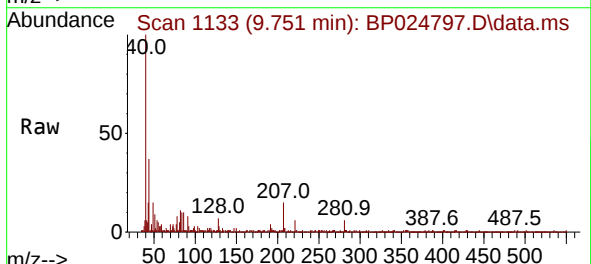
Instrument :
BNA_P
ClientSampleId :
COMP-3

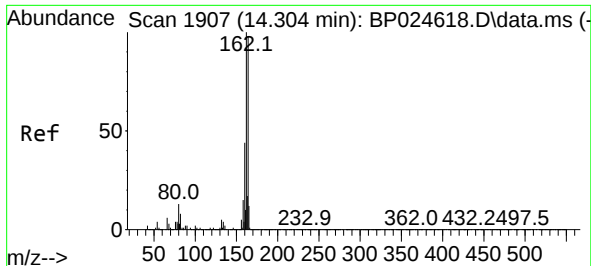
Tgt Ion: 82 Resp: 346826
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 50.8 38.7 58.1



#32
Benzoic acid
Concen: 7.476 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 97.3 106.9 146.9#
77 186.5 75.1 115.1#

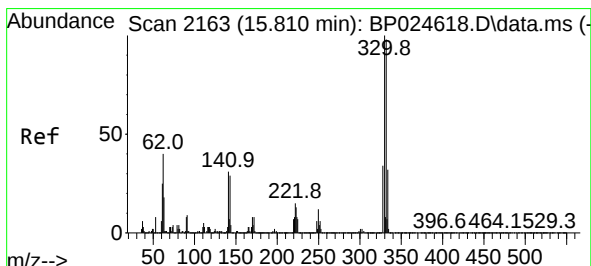
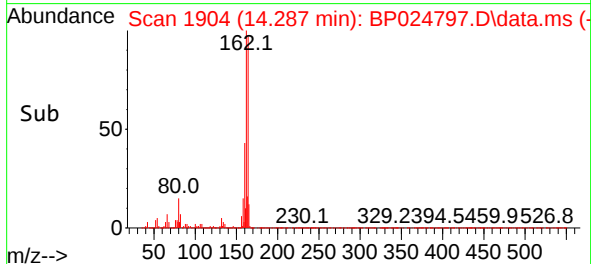
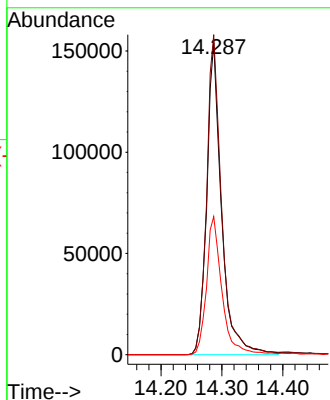
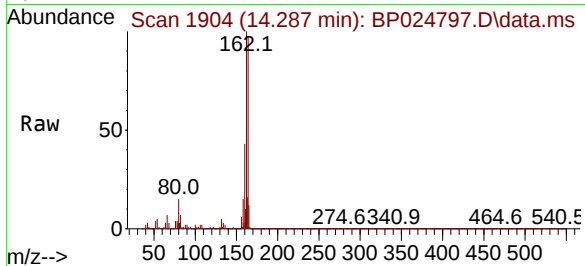




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

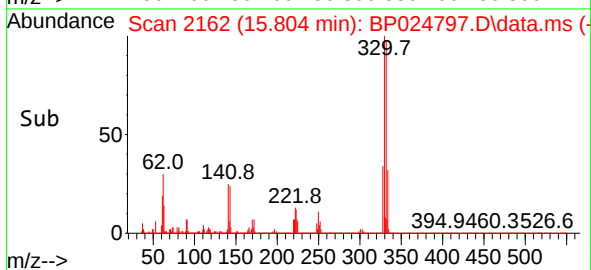
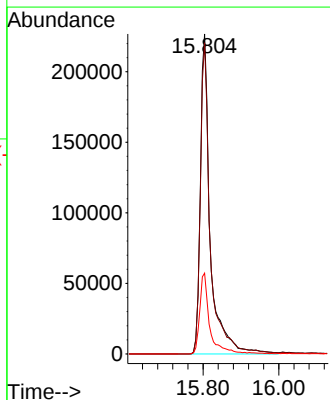
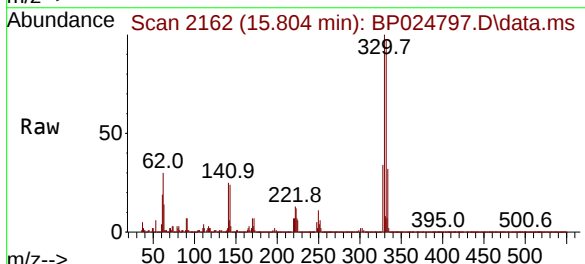
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ClientSampleId :
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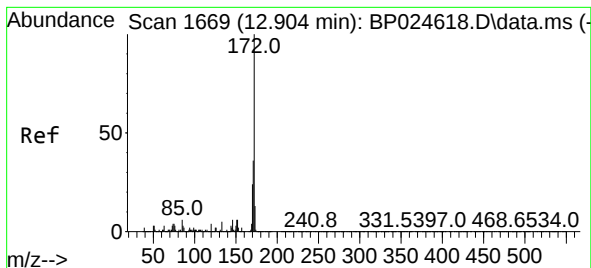
Tgt Ion:164 Resp: 259486
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 44.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 94.222 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:330 Resp: 414486
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 25.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 50.603 ng

RT: 12.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

Instrument :

BNA_P

ClientSampleId :

COMP-3

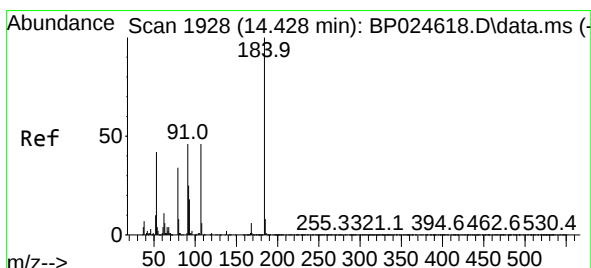
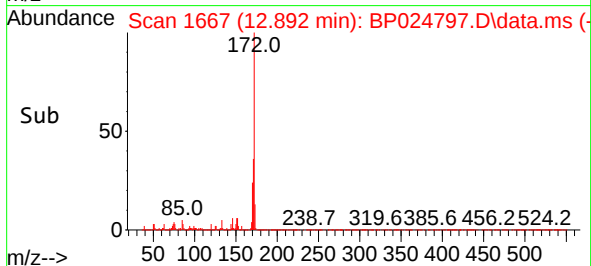
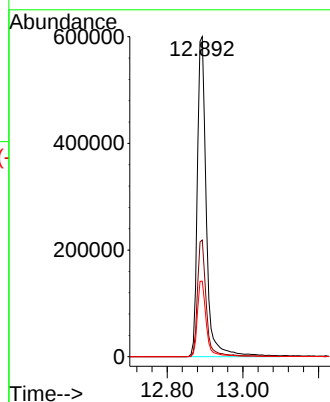
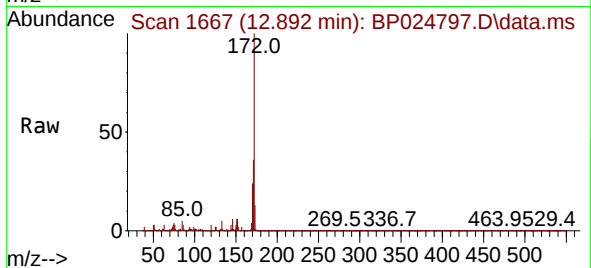
Tgt Ion:172 Resp: 1002246

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.408 ng

RT: 14.416 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

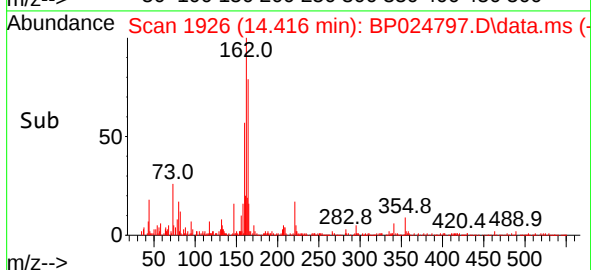
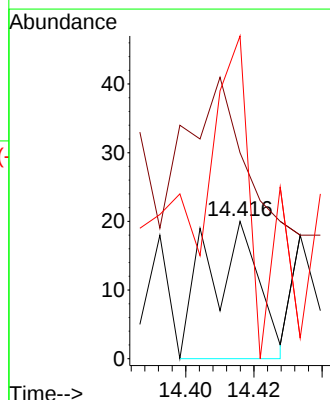
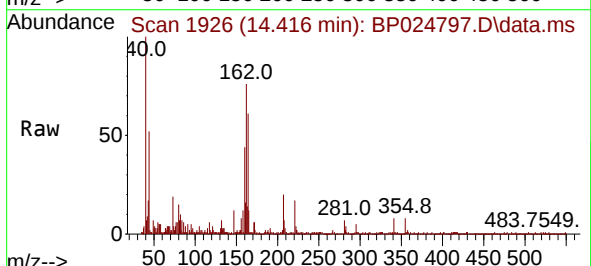
Tgt Ion:184 Resp: 21

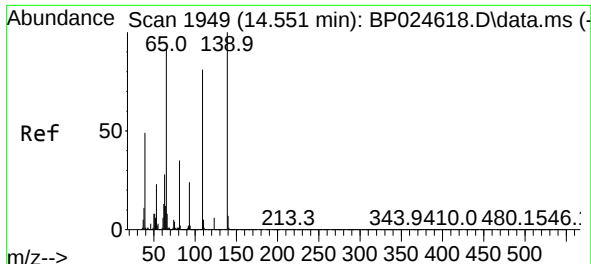
Ion Ratio Lower Upper

184 100

63 150.0 51.3 76.9#

154 235.0 53.5 80.3#

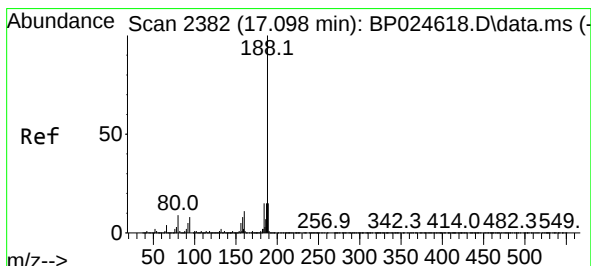
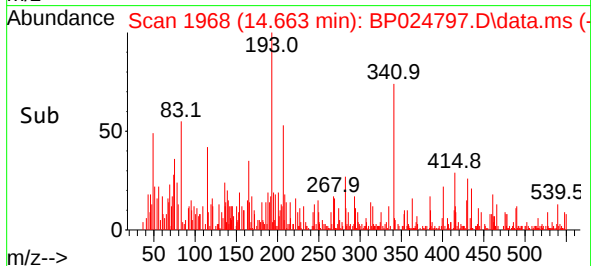
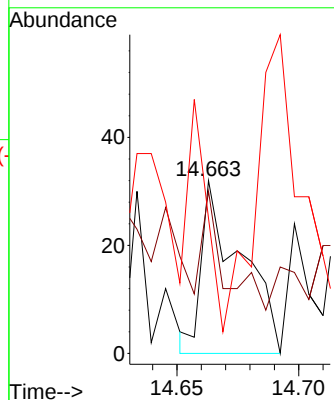
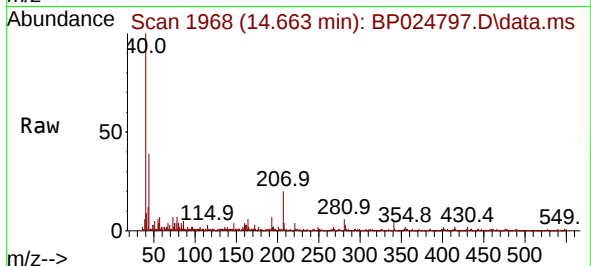




#56
4-Nitrophenol
Concen: 4.243 ng
RT: 14.663 min Scan# 1949
Delta R.T. 0.112 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

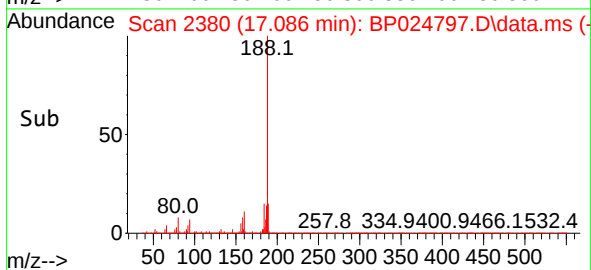
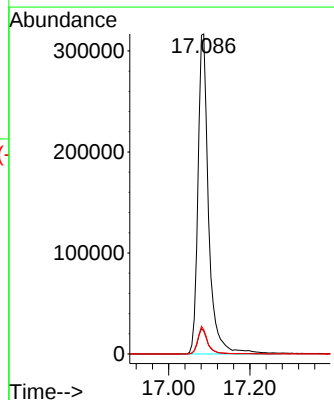
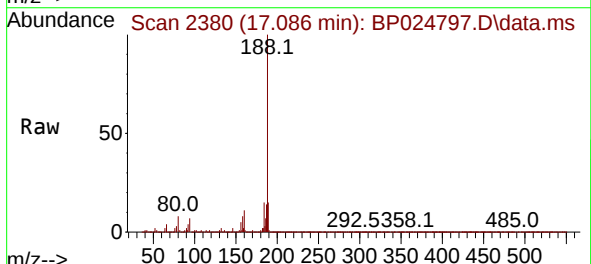
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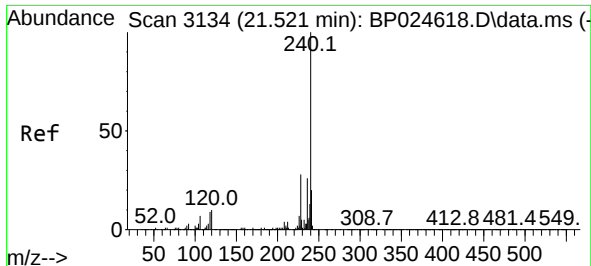
Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 93.8 61.4 101.4
65 78.1 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:188 Resp: 582213
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 7.6 7.3 10.9

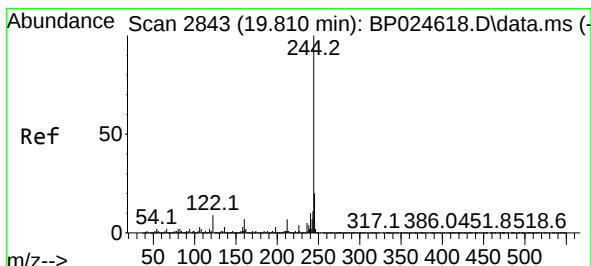
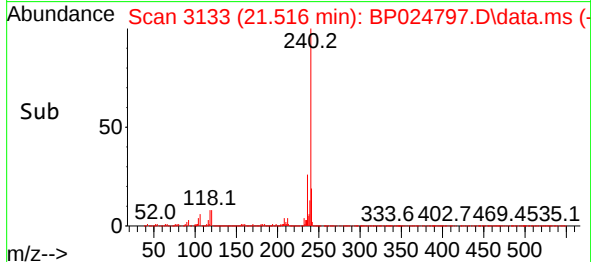
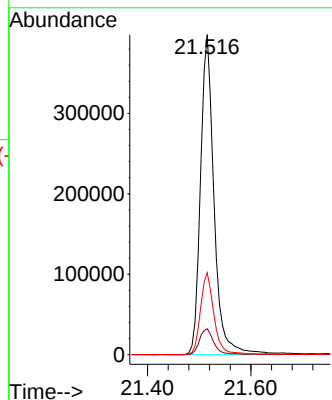
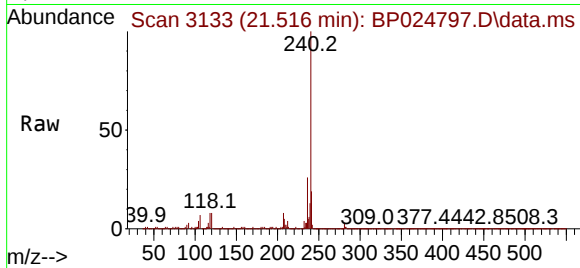




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

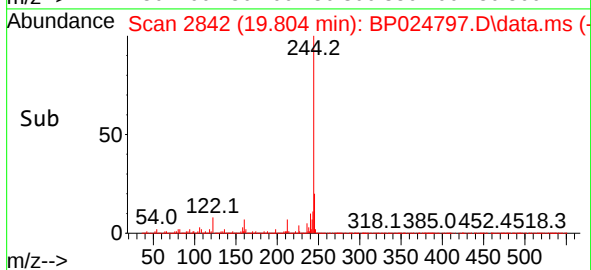
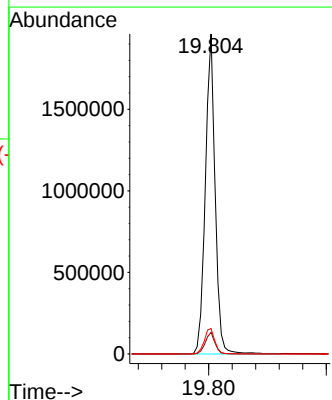
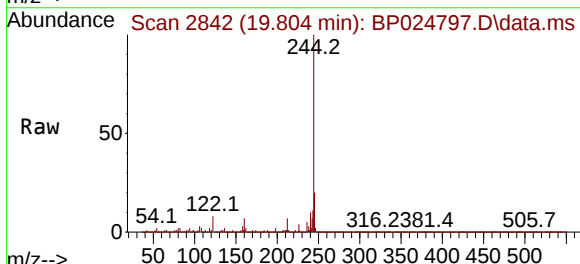
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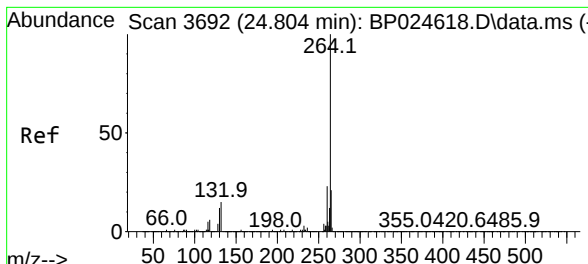
Tgt Ion:240 Resp: 724912
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 53.436 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:244 Resp: 2259099
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 8.0 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: BP024797.D
 Acq: 23 May 2025 17:49

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Tgt Ion:	264	Resp:	819378
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.3	17.0	25.6

