

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024462.D
 Acq On : 29 Apr 2025 16:41
 Operator : RC/JU
 Sample : Q1871-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-A

Quant Time: Apr 29 17:03:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

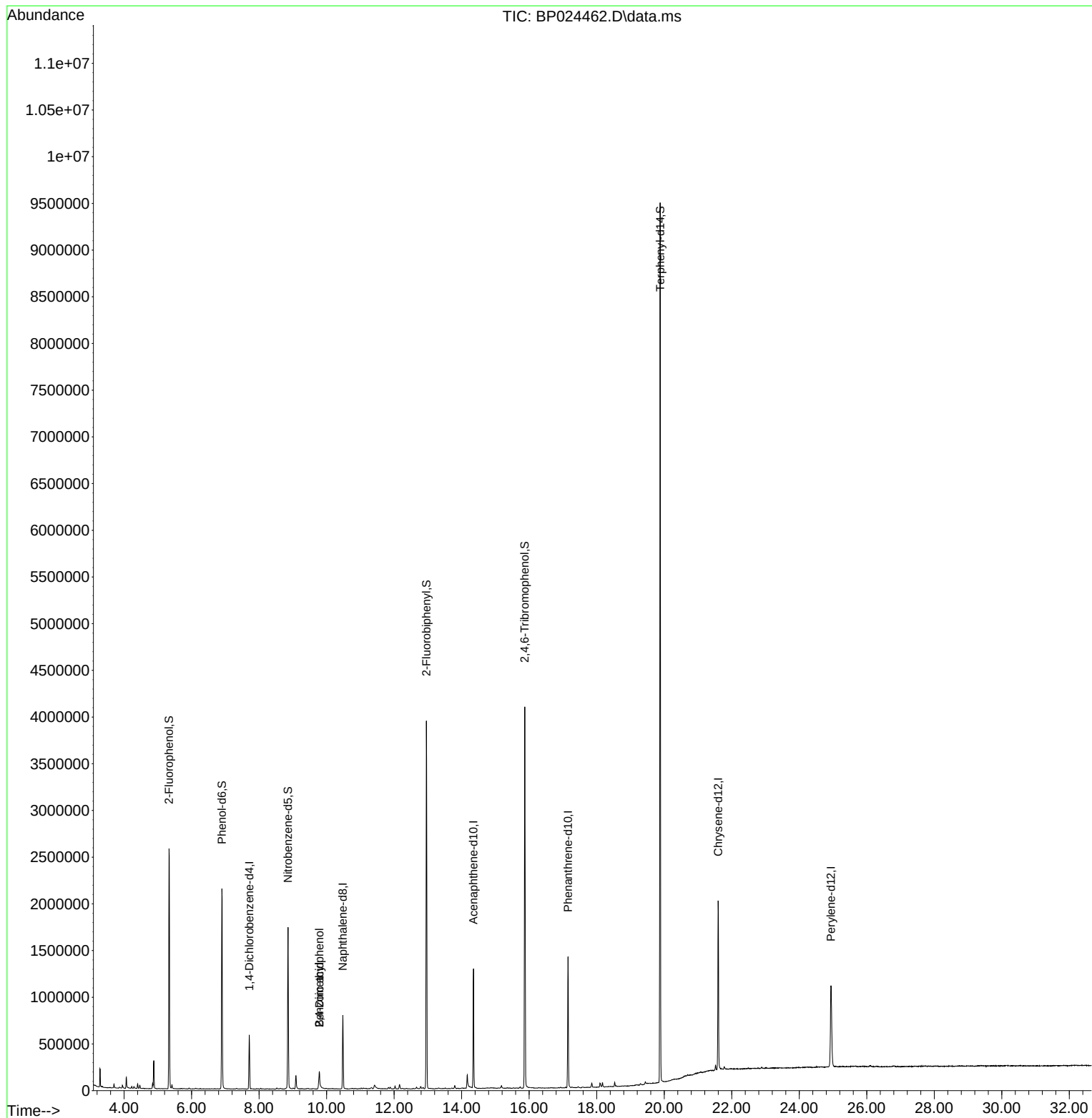
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	157409	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	619557	20.000	ng	#-0.02
39) Acenaphthene-d10	14.351	164	392799	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	853964	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	985729	20.000	ng	0.00
86) Perylene-d12	24.939	264	903330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1141102	119.864	ng	-0.01
7) Phenol-d6	6.899	99	1260131	96.669	ng	-0.01
23) Nitrobenzene-d5	8.857	82	949622	87.399	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	917152	168.762	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2058562	80.242	ng	0.00
79) Terphenyl-d14	19.880	244	4601001	94.082	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.787	122	97560	14.771	ng	# 3
32) Benzoic acid	9.787	122	97560	12.677	ng	99

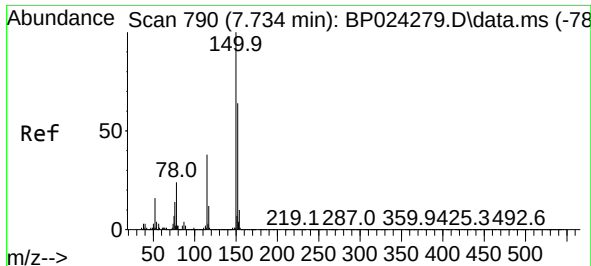
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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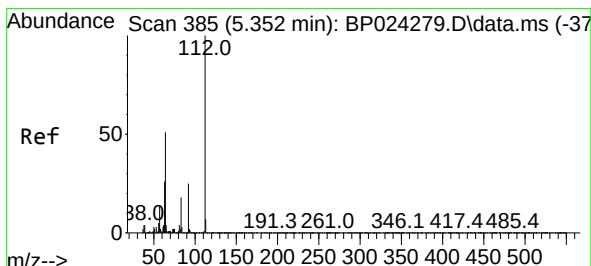
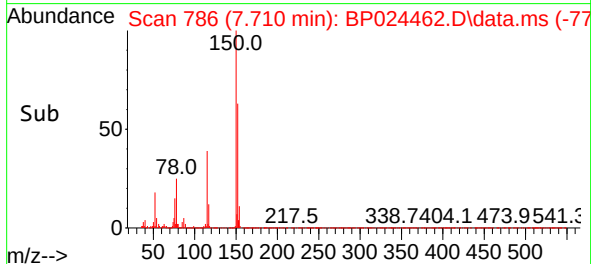
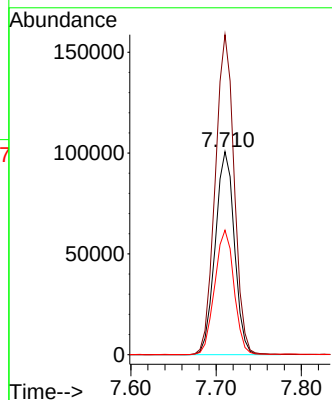
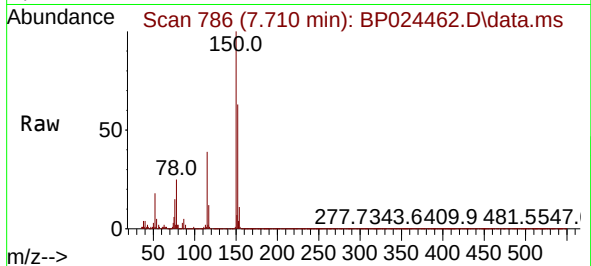




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024462.D
 Acq: 29 Apr 2025 16:41

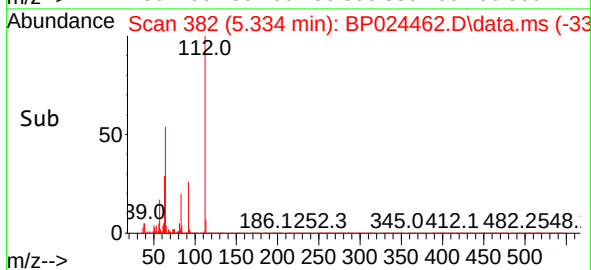
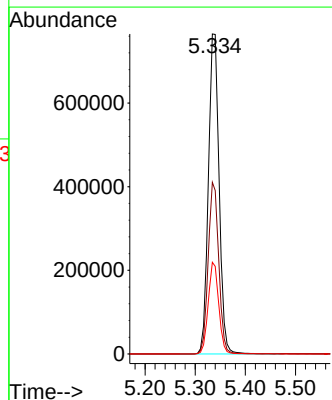
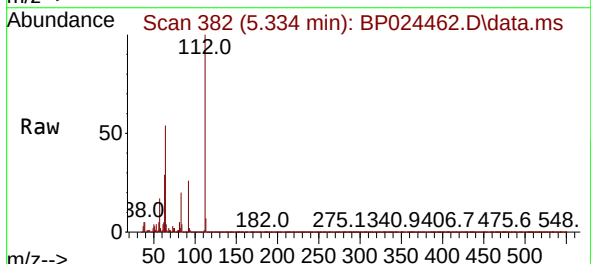
Instrument :
 BNA_P
 ClientSampleId :
 MH-A

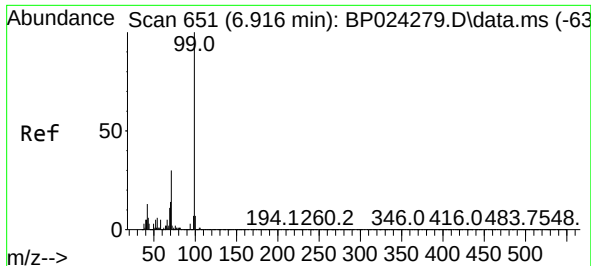
Tgt Ion:152 Resp: 157409
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.9 187.3
 115 61.3 47.7 71.5



#5
 2-Fluorophenol
 Concen: 119.864 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024462.D
 Acq: 29 Apr 2025 16:41

Tgt Ion:112 Resp: 1141102
 Ion Ratio Lower Upper
 112 100
 64 53.7 41.1 61.7
 63 28.7 20.6 30.8

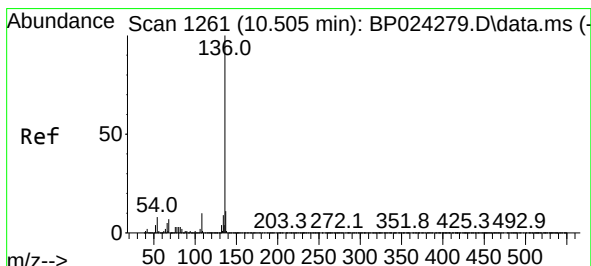
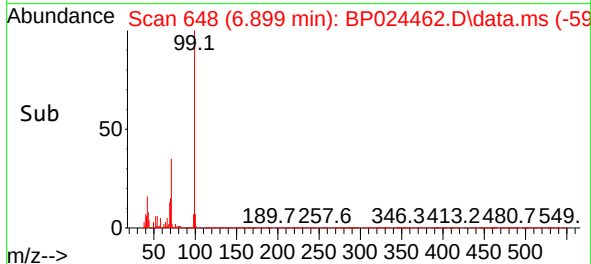
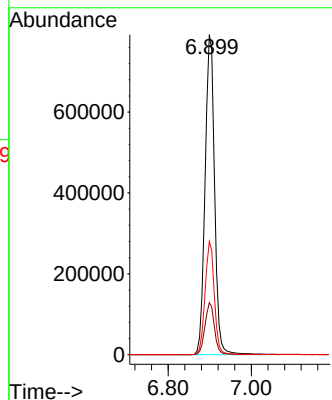
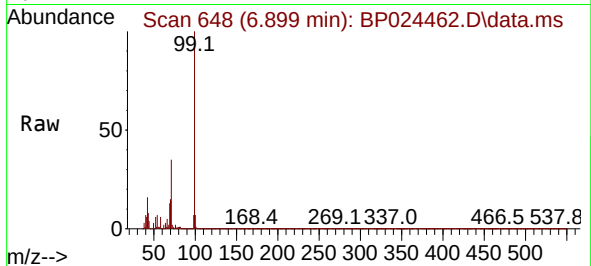




#7
Phenol-d6
Concen: 96.669 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

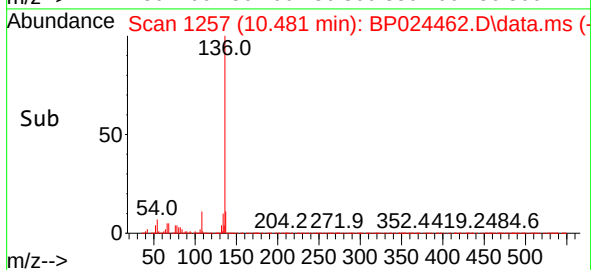
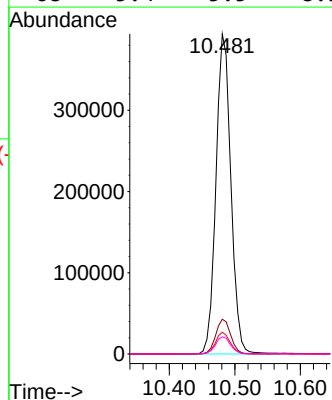
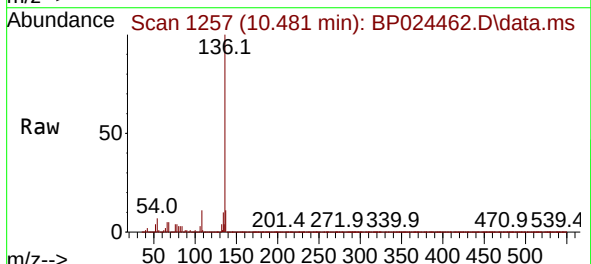
Instrument :
BNA_P
ClientSampleId :
MH-A

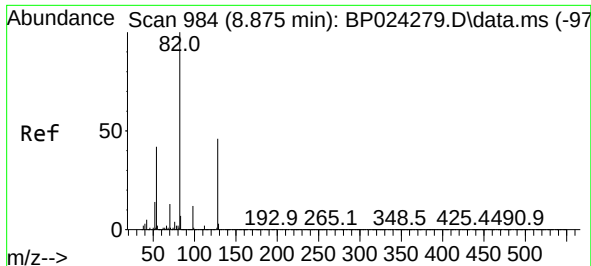
Tgt Ion: 99 Resp: 1260131
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 35.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

Tgt Ion: 136 Resp: 619557
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.4 5.5 8.3#

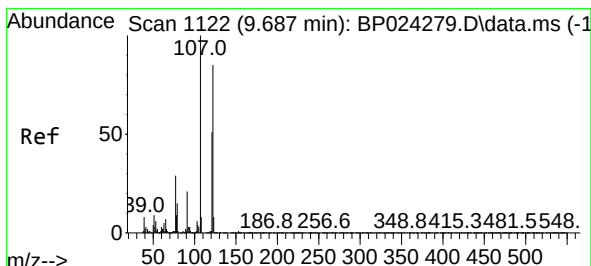
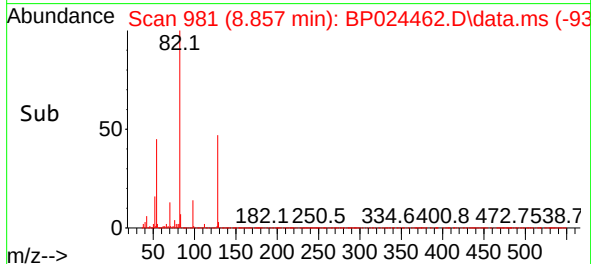
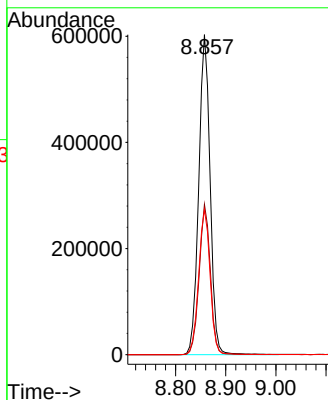
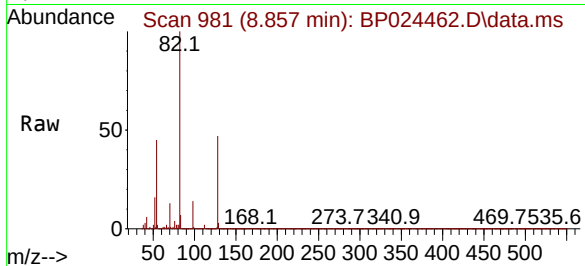




#23
Nitrobenzene-d5
Concen: 87.399 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

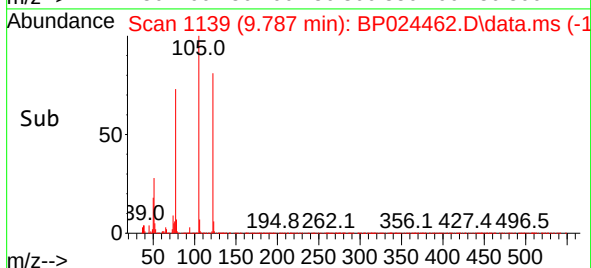
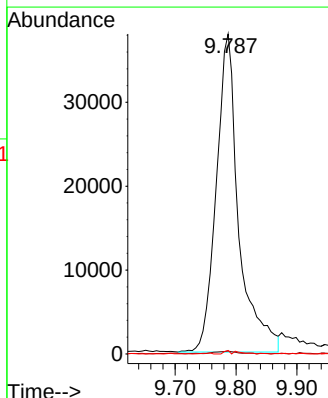
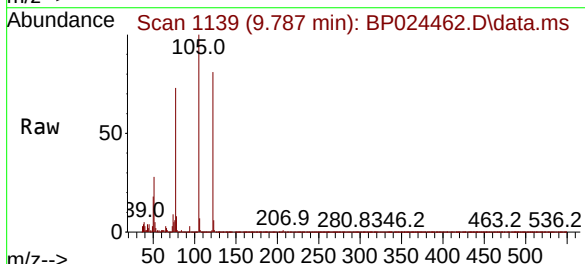
Instrument :
BNA_P
ClientSampleId :
MH-A

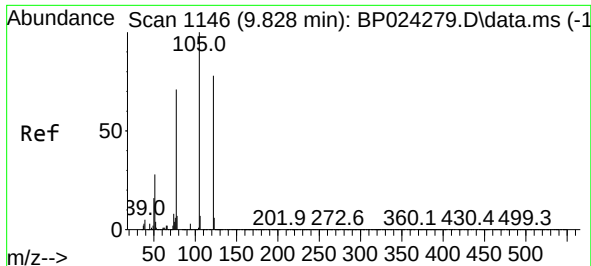
Tgt Ion: 82 Resp: 949622
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 45.3 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 14.771 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.106 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

Tgt Ion: 122 Resp: 97560
Ion Ratio Lower Upper
122 100
107 0.9 93.7 140.5#
121 1.1 48.2 72.2#

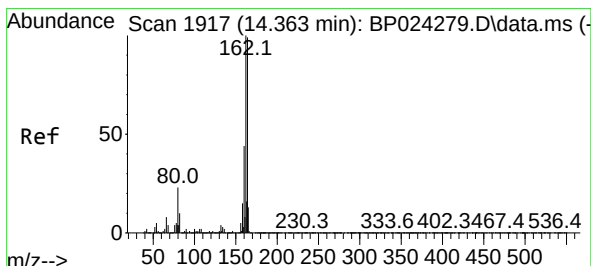
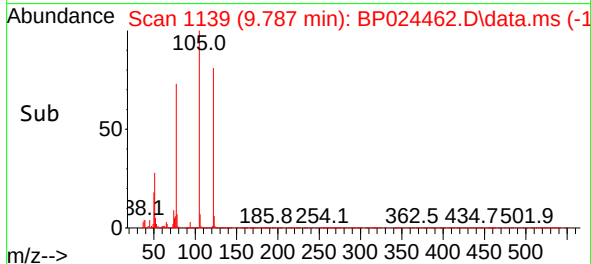
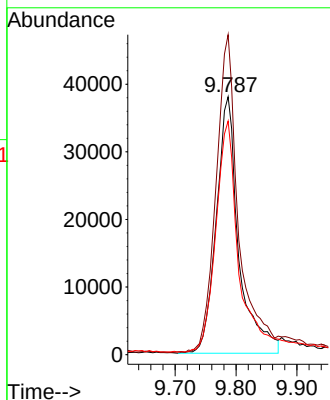
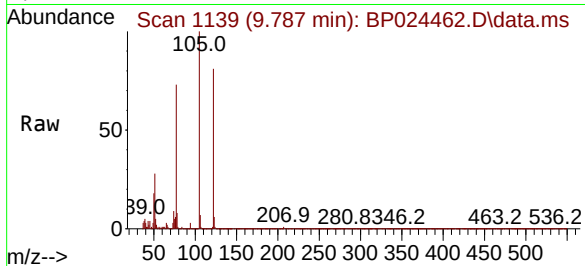




#32
Benzoic acid
Concen: 12.677 ng
RT: 9.787 min Scan# 1146
Delta R.T. -0.035 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

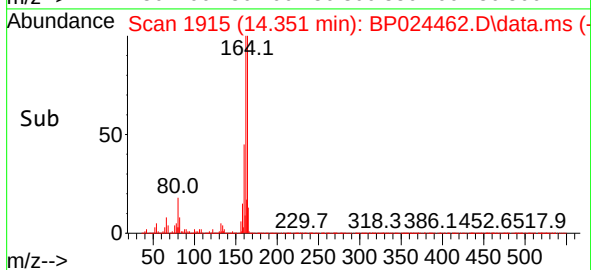
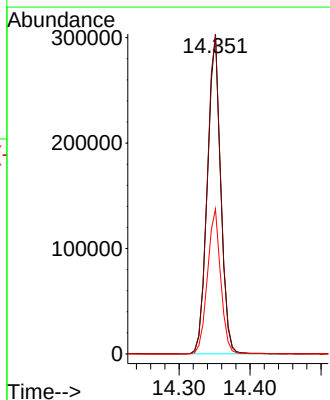
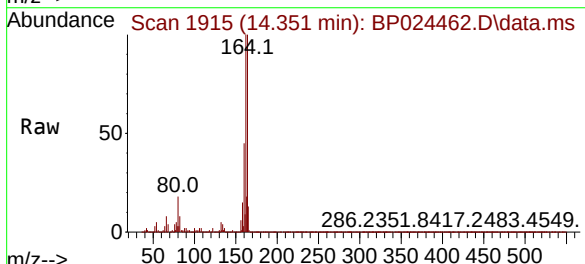
Instrument :
BNA_P
ClientSampleId :
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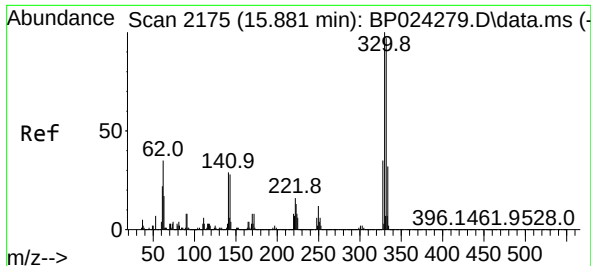
Tgt Ion:122 Resp: 97560
Ion Ratio Lower Upper
122 100
105 124.1 104.8 144.8
77 90.5 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

Tgt Ion:164 Resp: 392799
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 45.3 35.3 52.9

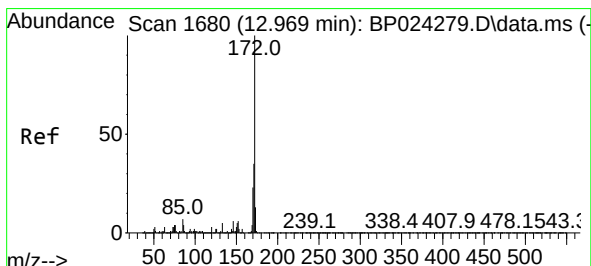
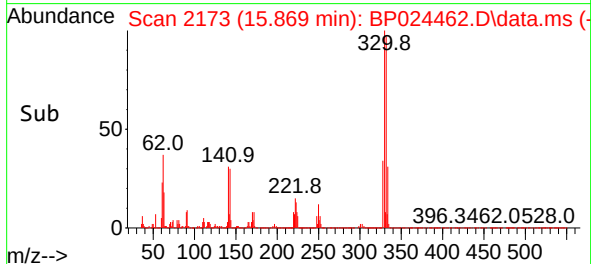
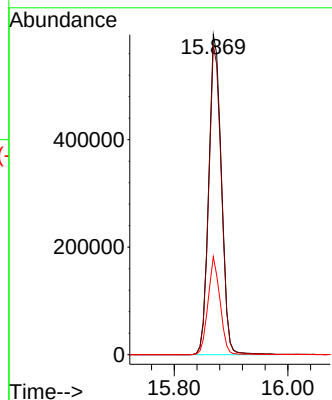
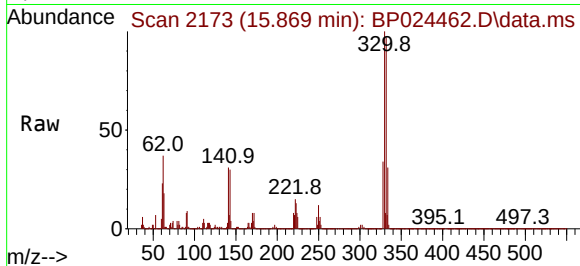




#42
2,4,6-Tribromophenol
Concen: 168.762 ng
RT: 15.869 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

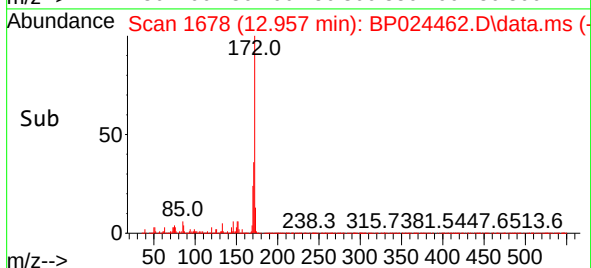
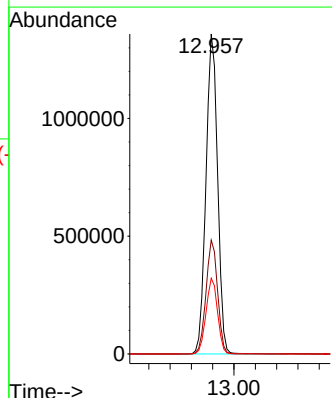
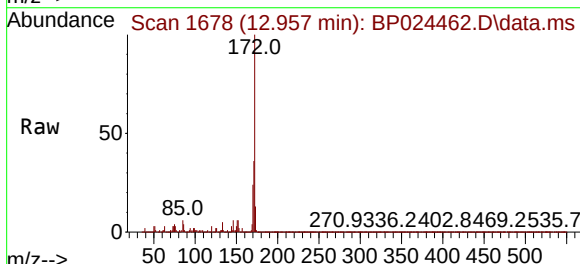
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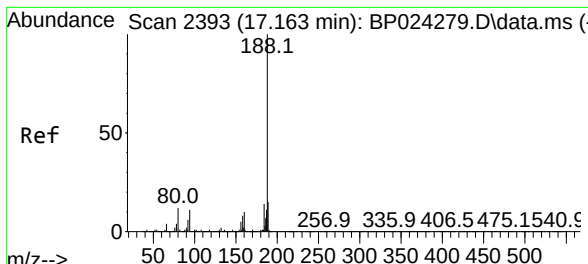
Tgt Ion:330 Resp: 917152
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 80.242 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024462.D
Acq: 29 Apr 2025 16:41

Tgt Ion:172 Resp: 2058562
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 18.6 27.8

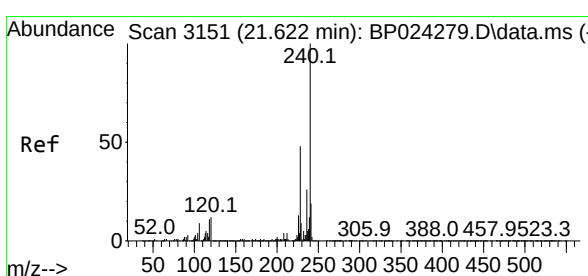
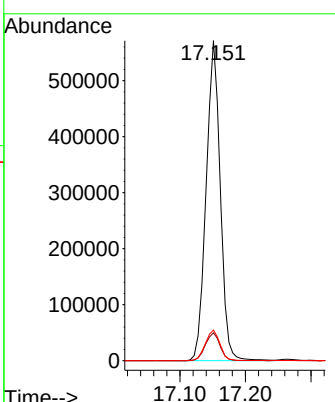
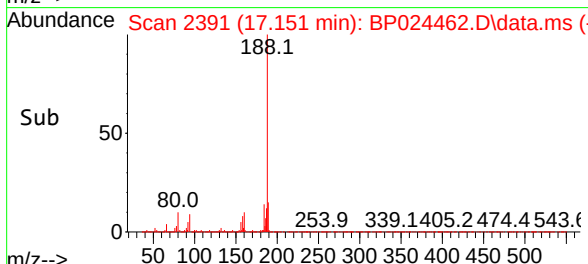
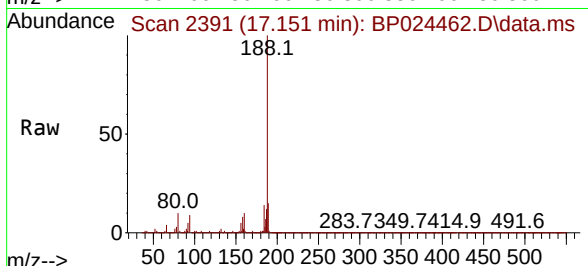




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024462.D
 Acq: 29 Apr 2025 16:41

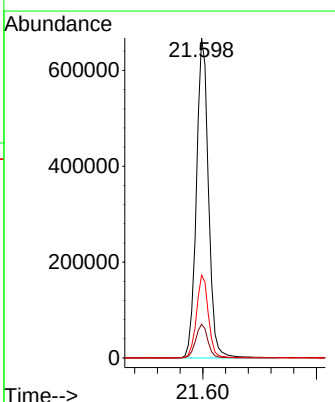
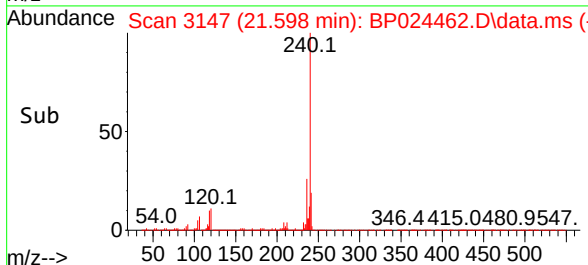
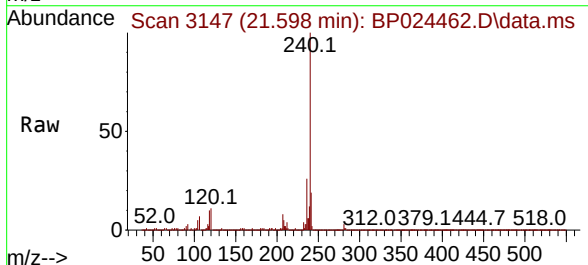
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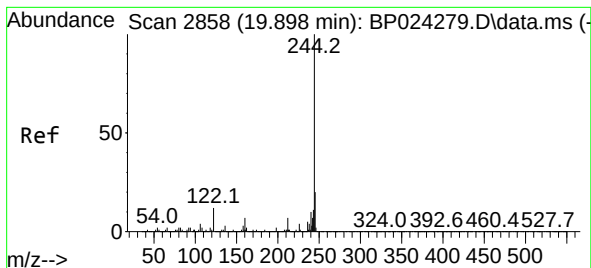
Tgt Ion:	188	Resp:	853964
Ion Ratio	100	Lower	Upper
188	100		
94	8.7	8.6	13.0
80	9.5	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.598 min Scan# 3147
 Delta R.T. 0.006 min
 Lab File: BP024462.D
 Acq: 29 Apr 2025 16:41

Tgt Ion:	240	Resp:	985729
Ion Ratio	100	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	25.9	20.9	31.3





#79

Terphenyl-d14

Concen: 94.082 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024462.D

Acq: 29 Apr 2025 16:41

Instrument :

BNA_P

ClientSampleId :

MH-A

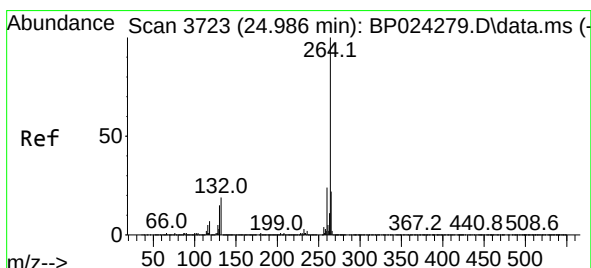
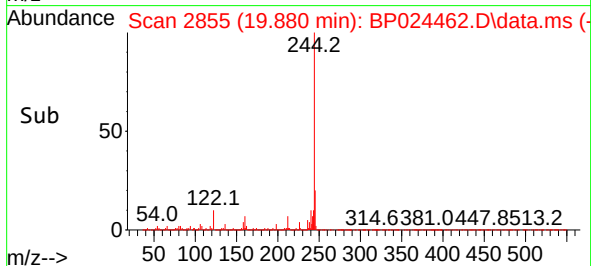
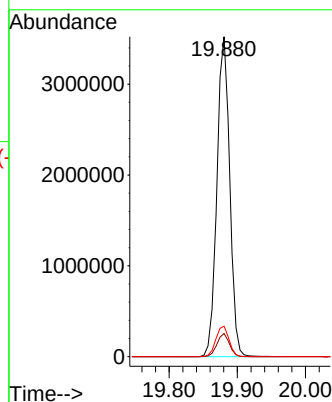
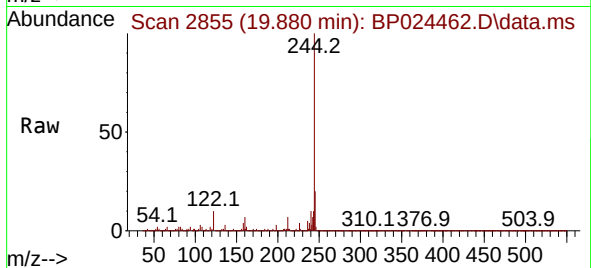
Tgt Ion:244 Resp: 4601001

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024462.D

Acq: 29 Apr 2025 16:41

Tgt Ion:264 Resp: 903330

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.8 26.6

