

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024217.D
 Acq On : 08 Apr 2025 17:47
 Operator : RC/JU
 Sample : Q1730-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-16-040325

Quant Time: Apr 08 18:29:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

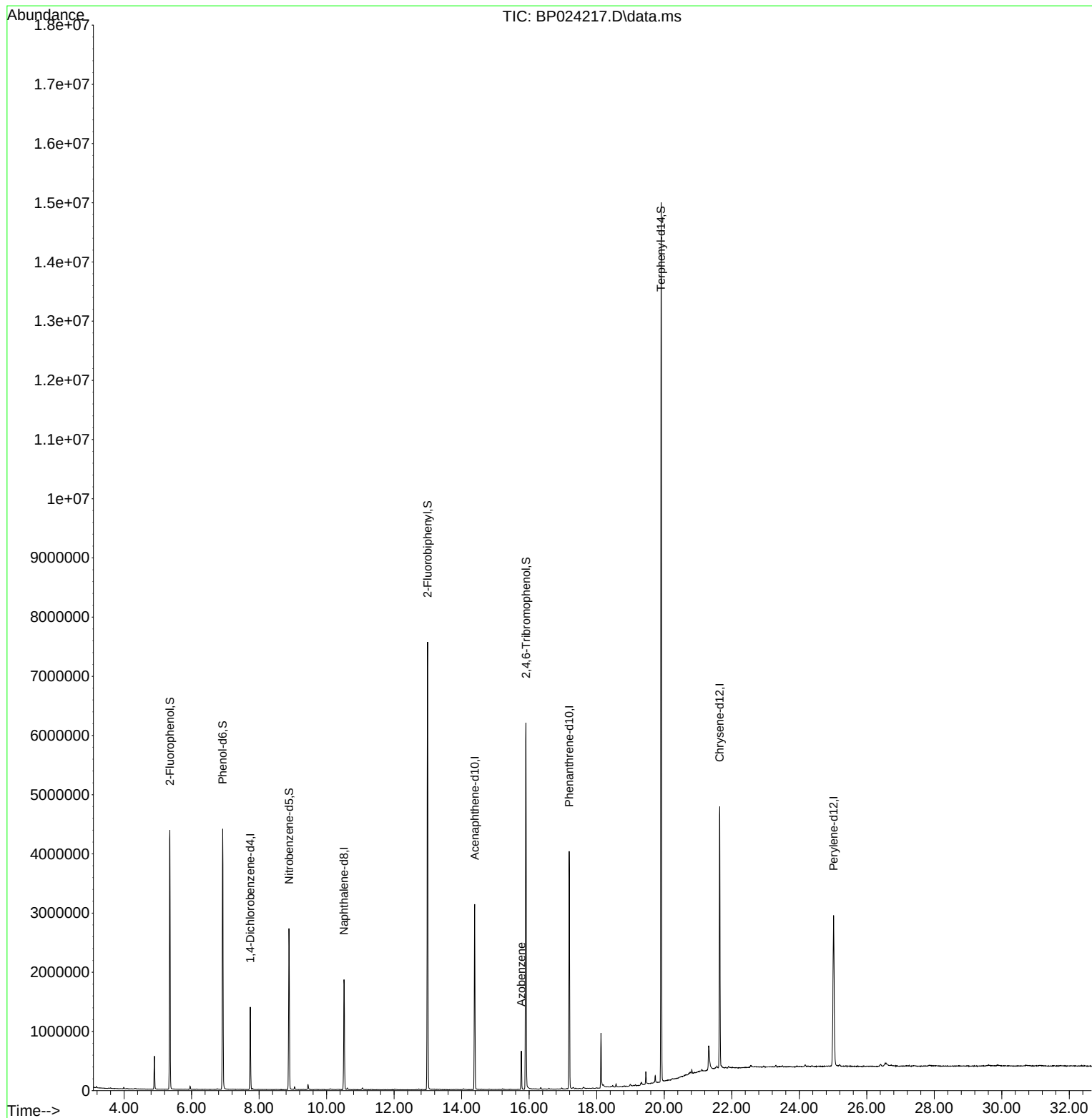
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	371539	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1565639	20.000	ng	-0.04
39) Acenaphthene-d10	14.387	164	1070035	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	2242625	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	2386604	20.000	ng	-0.01
86) Perylene-d12	25.016	264	2424308	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2034692	87.419	ng	-0.02
7) Phenol-d6	6.922	99	2747437	88.271	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1613480	58.145	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1321971	98.080	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3991458	55.003	ng	-0.02
79) Terphenyl-d14	19.910	244	7404845	64.046	ng	-0.01
Target Compounds						
63) Azobenzene	15.769	77	183914	2.617	ng	Qvalue # 1

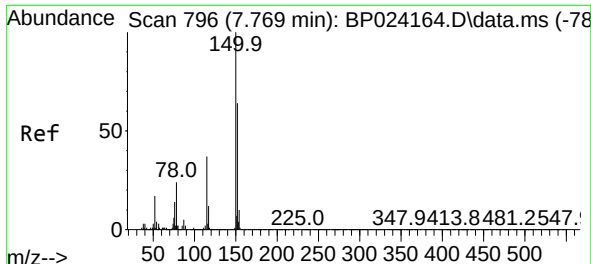
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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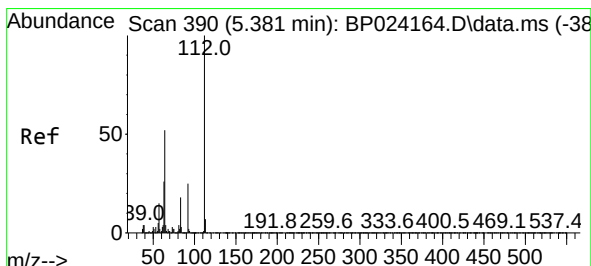
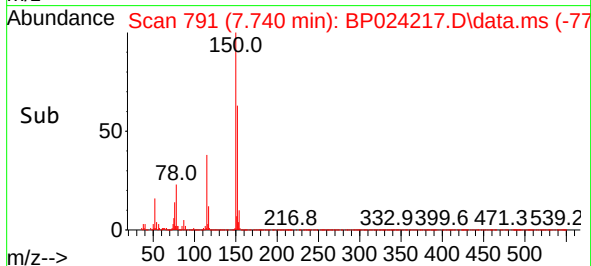
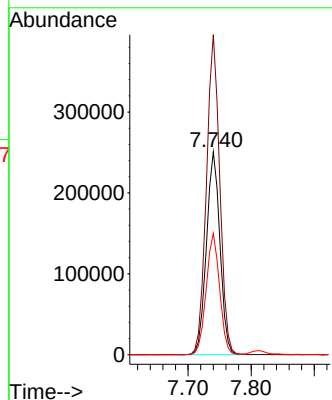
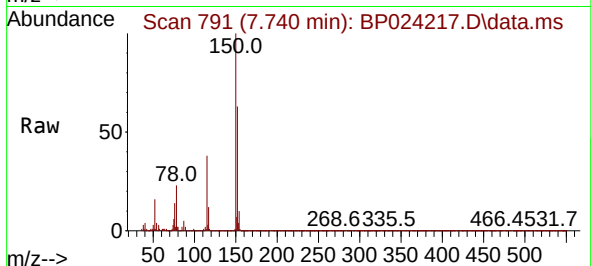




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

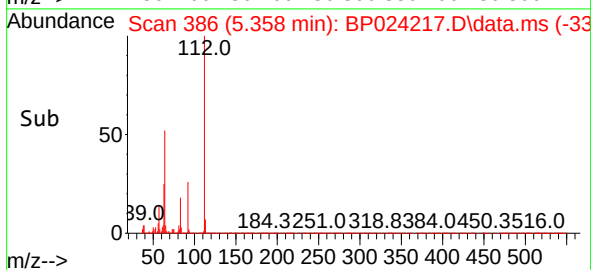
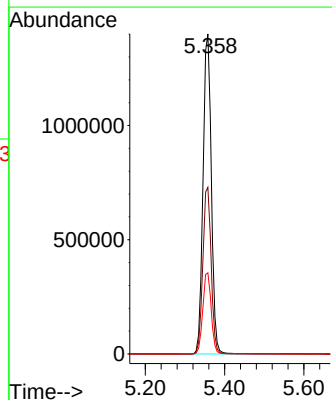
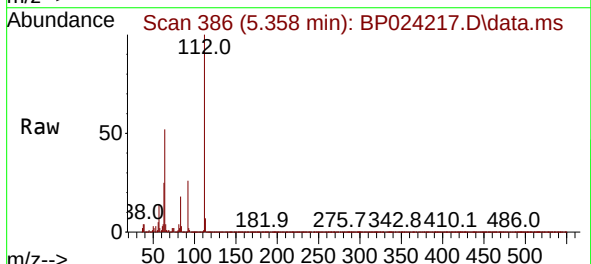
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

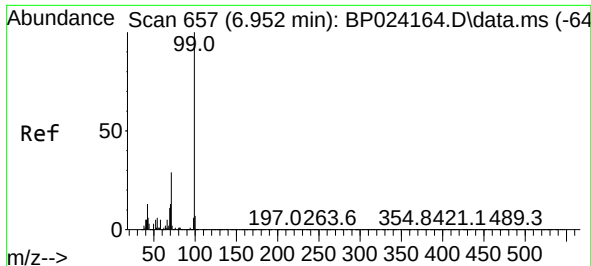
Tgt Ion:152 Resp: 371539
Ion Ratio Lower Upper
152 100
150 157.7 125.5 188.3
115 59.8 46.3 69.5



#5
2-Fluorophenol
Concen: 87.419 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:112 Resp: 2034692
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 25.3 20.6 31.0



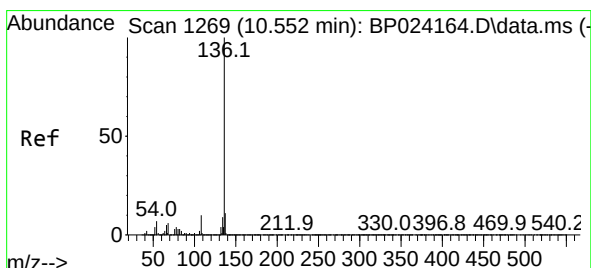
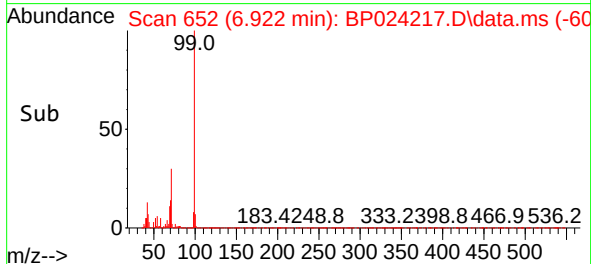
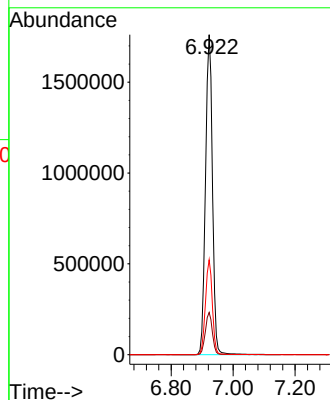
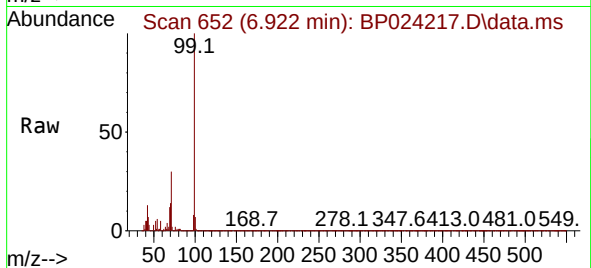


#7
Phenol-d6
Concen: 88.271 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion: 99 Resp: 2747437

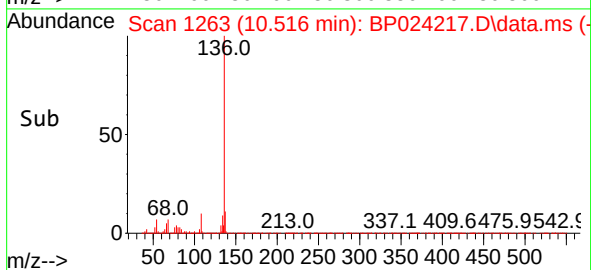
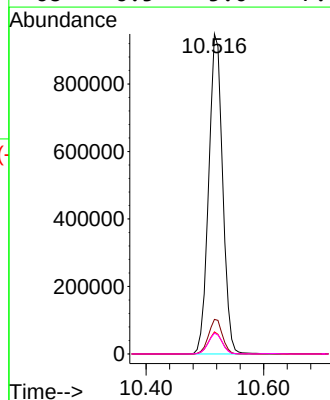
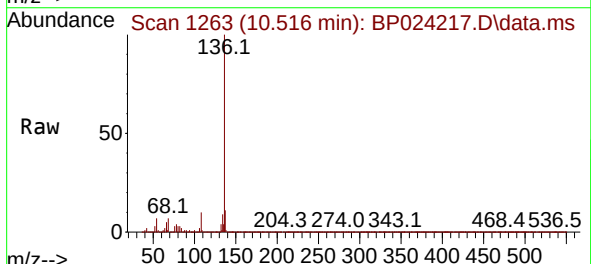
Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.7	23.3	34.9

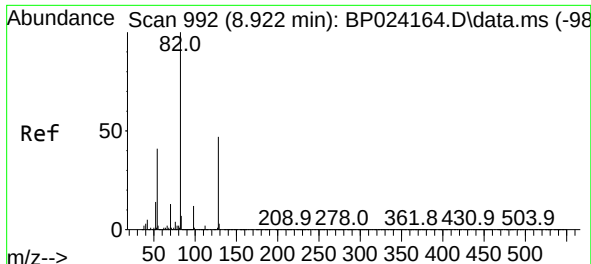


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion: 136 Resp: 1565639

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.3	7.9
68	6.5	5.0	7.4

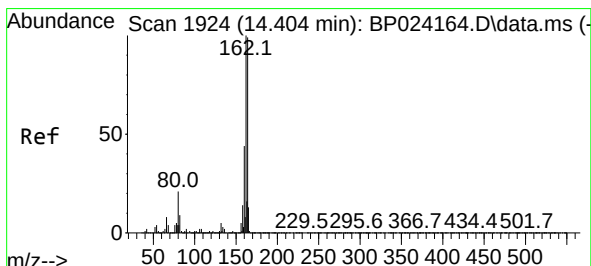
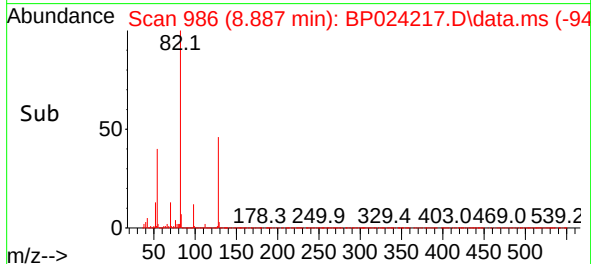
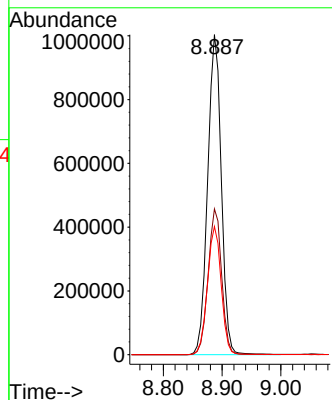
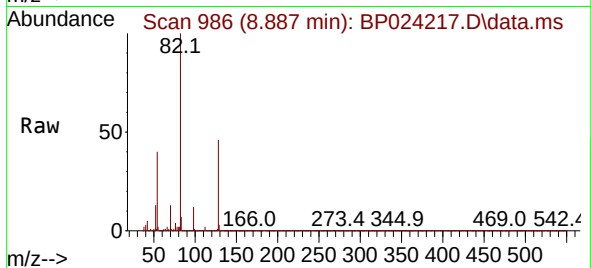




#23
Nitrobenzene-d5
Concen: 58.145 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

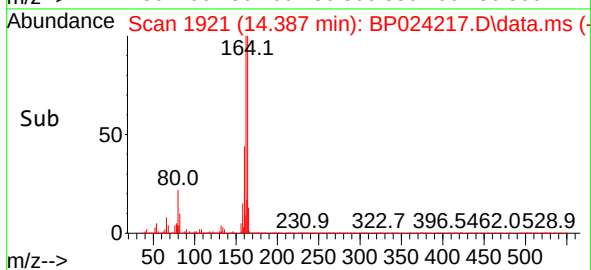
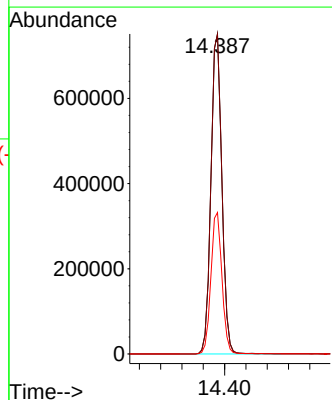
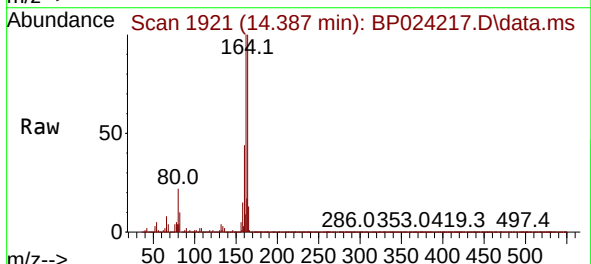
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

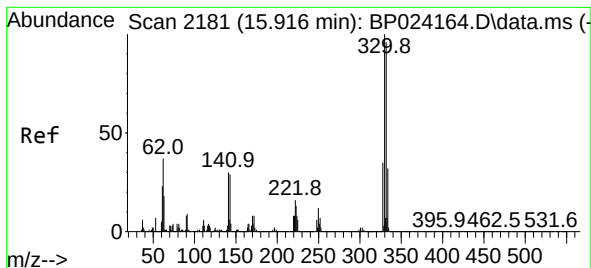
Tgt Ion: 82 Resp: 1613480
Ion Ratio Lower Upper
82 100
128 45.5 37.4 56.0
54 40.1 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.018 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion: 164 Resp: 1070035
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 98.080 ng

RT: 15.904 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BP024217.D

Acq: 08 Apr 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-16-040325

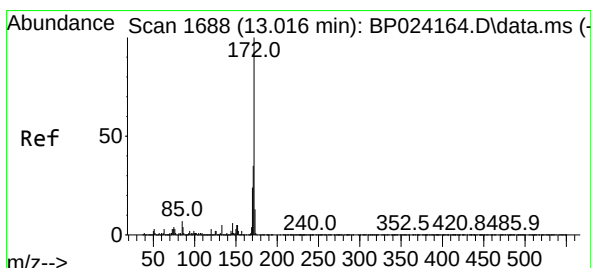
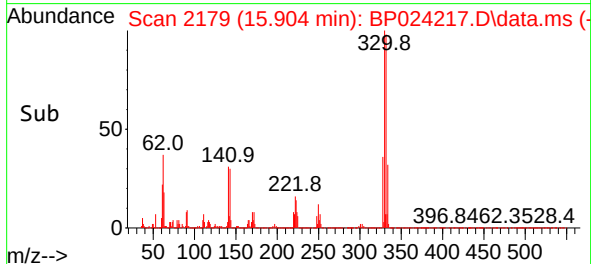
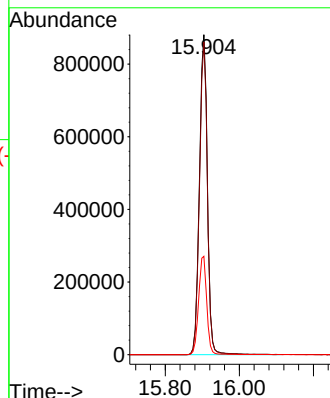
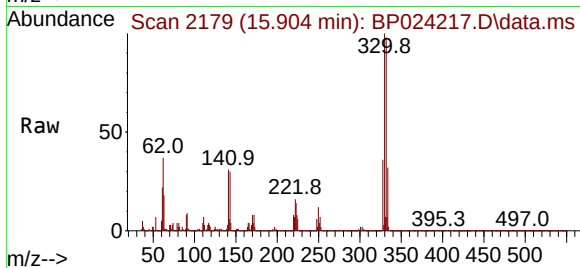
Tgt Ion:330 Resp: 1321971

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 31.3 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 55.003 ng

RT: 12.993 min Scan# 1684

Delta R.T. -0.024 min

Lab File: BP024217.D

Acq: 08 Apr 2025 17:47

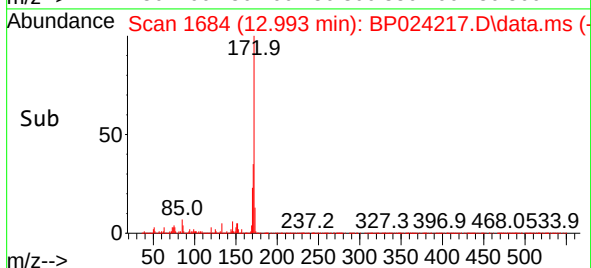
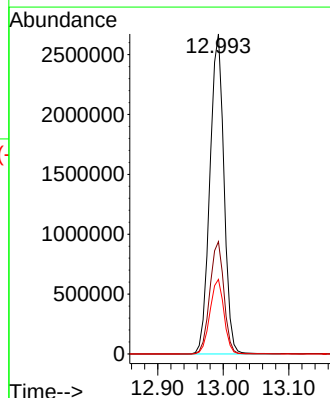
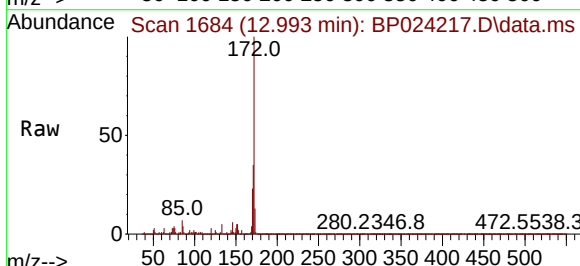
Tgt Ion:172 Resp: 3991458

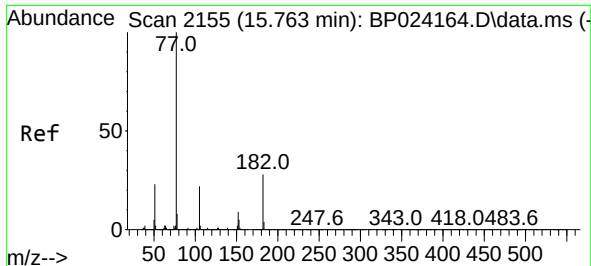
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.0 28.4

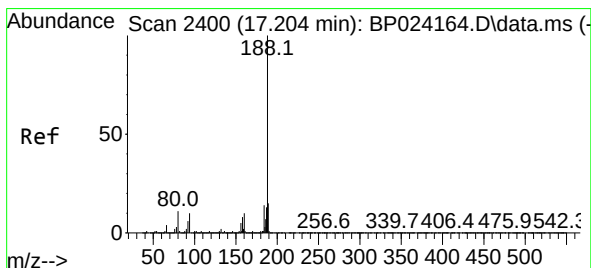
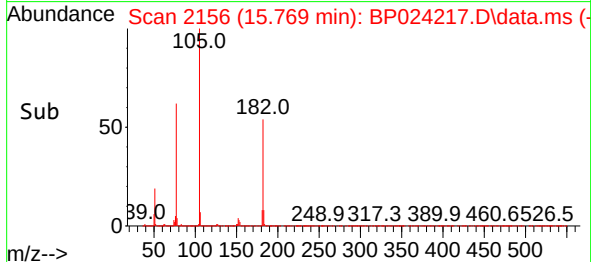
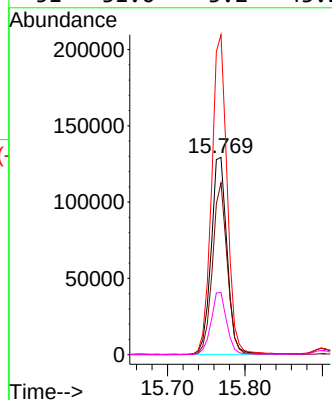
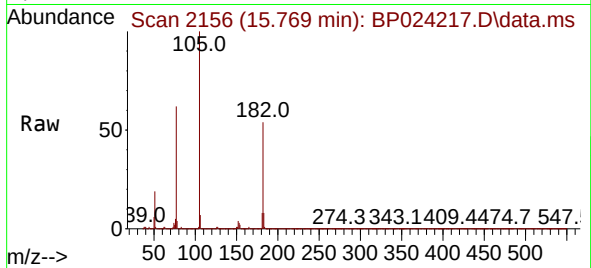




#63
Azobenzene
Concen: 2.617 ng
RT: 15.769 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

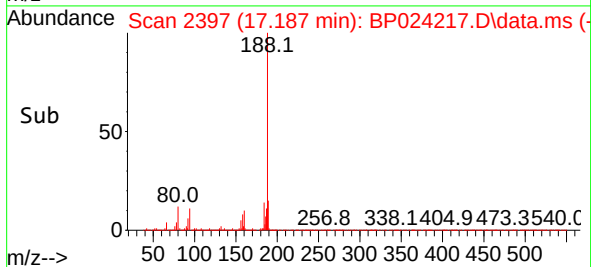
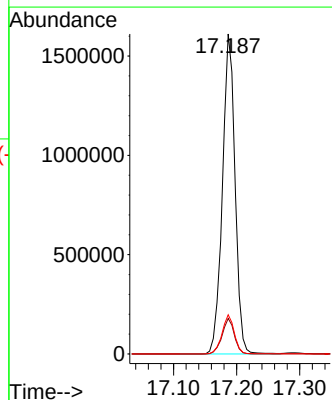
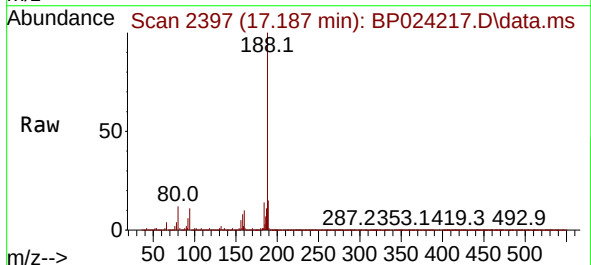
Instrument :
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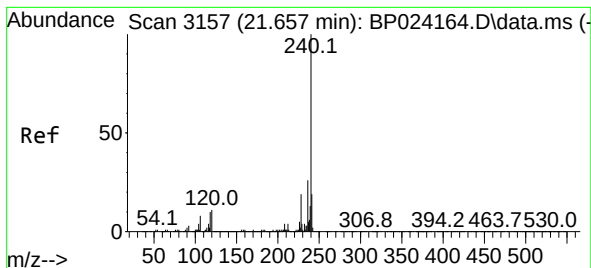
Tgt Ion: 77 Resp: 183914
Ion Ratio Lower Upper
77 100
182 87.1 7.7 47.7#
105 162.2 2.3 42.3#
51 31.6 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2397
Delta R.T. -0.018 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:188 Resp: 2242625
Ion Ratio Lower Upper
188 100
94 11.1 8.1 12.1
80 12.2 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024217.D

Acq: 08 Apr 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-16-040325

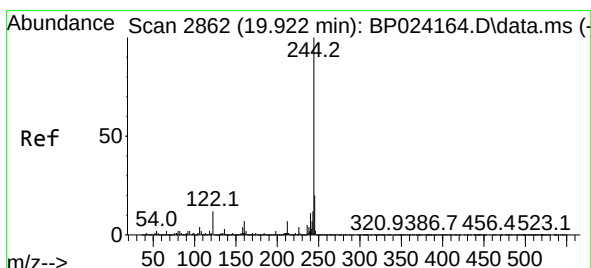
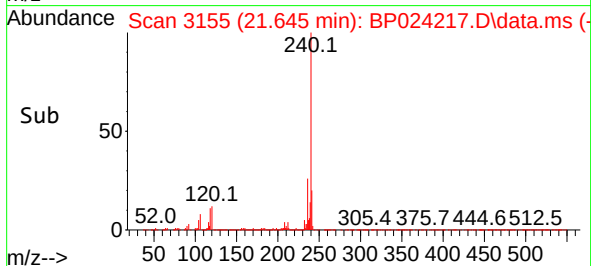
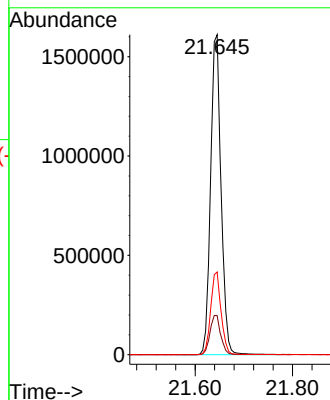
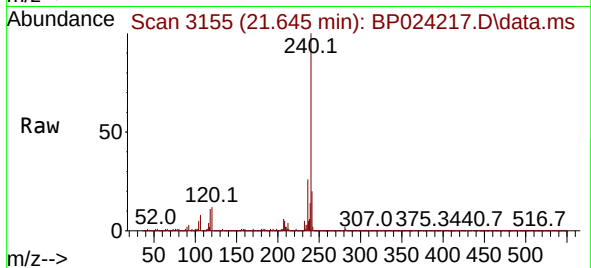
Tgt Ion:240 Resp: 2386604

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 25.9 20.4 30.6



#79

Terphenyl-d14

Concen: 64.046 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024217.D

Acq: 08 Apr 2025 17:47

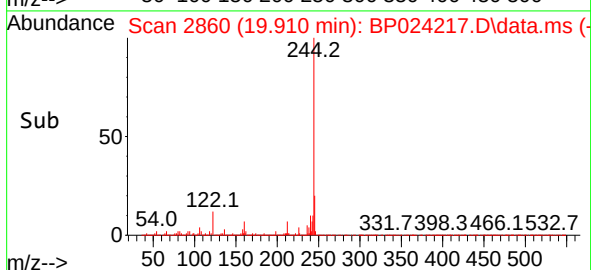
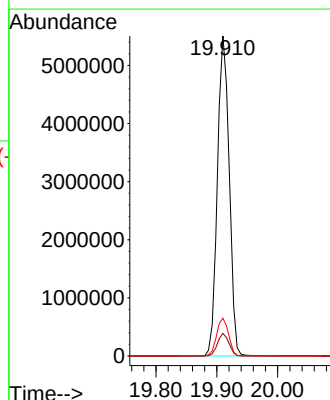
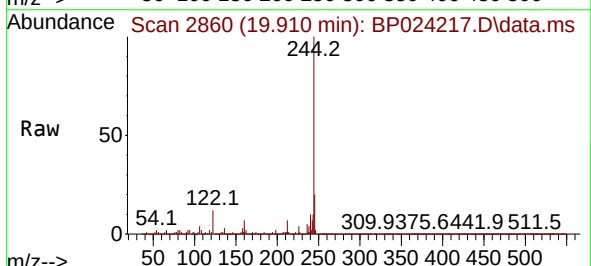
Tgt Ion:244 Resp: 7404845

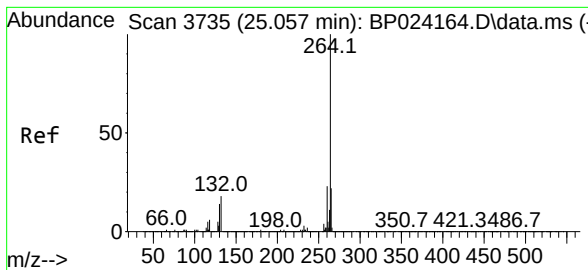
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

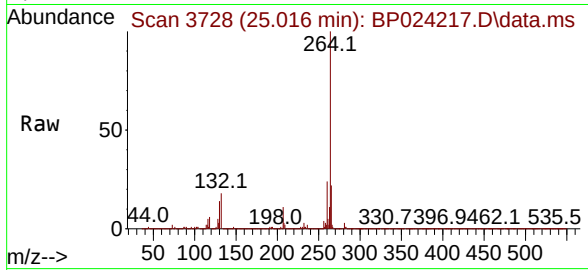
122 11.8 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.016 min Scan# 31
 Delta R.T. -0.041 min
 Lab File: BP024217.D
 Acq: 08 Apr 2025 17:47

Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-16-040325



Tgt Ion: 264 Resp: 2424308

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.9	17.7	26.5

