

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024218.D
 Acq On : 08 Apr 2025 18:28
 Operator : RC/JU
 Sample : Q1730-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-17-040325

Quant Time: Apr 09 01:01:55 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)

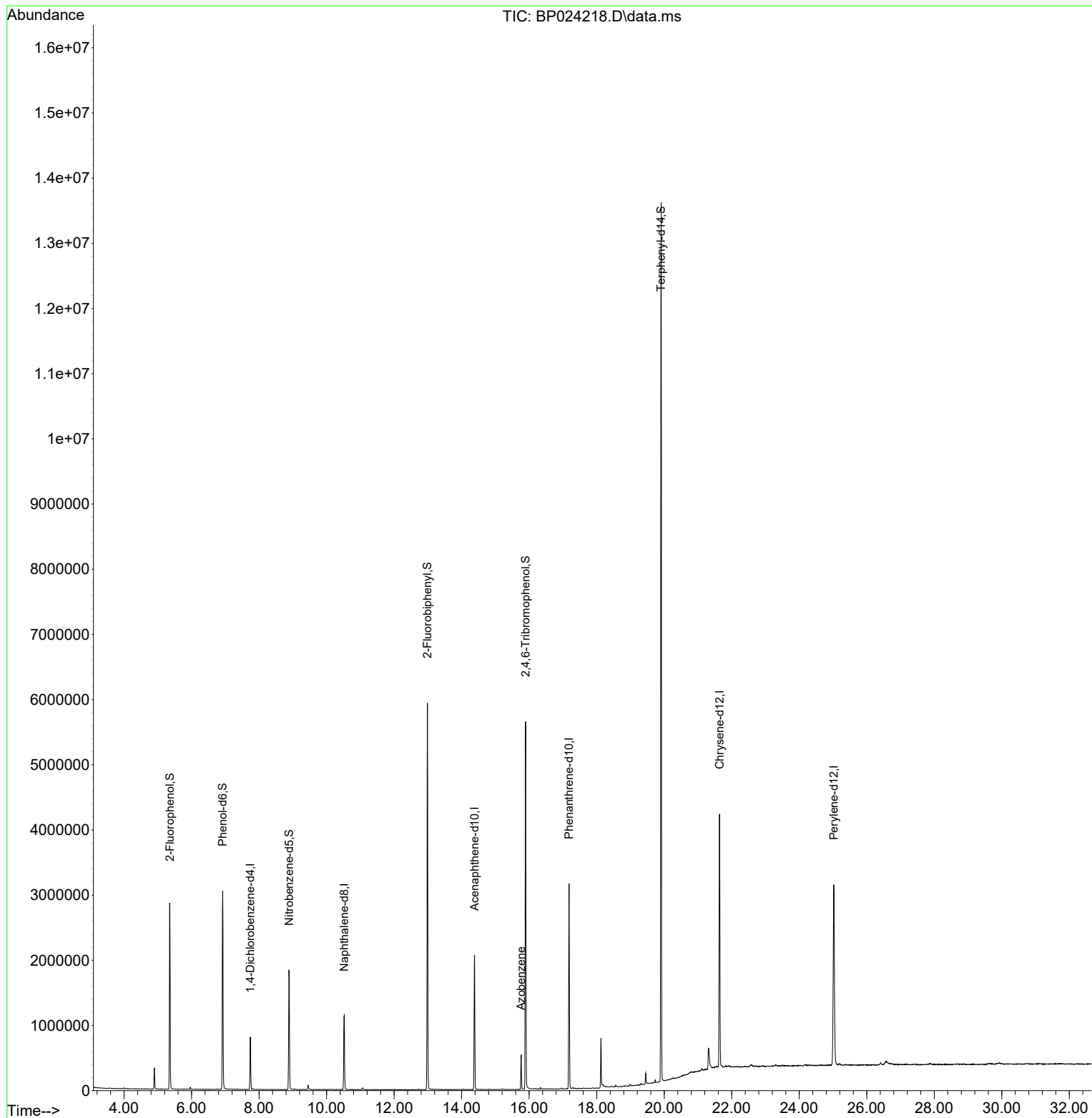
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	223104	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	995133	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	728757	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1794374	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	2303527	20.000	ng	-0.02
86) Perylene-d12	25.021	264	2559475	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1369904	98.015	ng	-0.02
7) Phenol-d6	6.922	99	1881715	100.679	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1085405	61.539	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1062409	115.736	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2798691	56.627	ng	-0.03
79) Terphenyl-d14	19.910	244	6698378	60.025	ng	-0.01
Target Compounds						
63) Azobenzene	15.763	77	145251	3.035	ng	Qvalue # 1

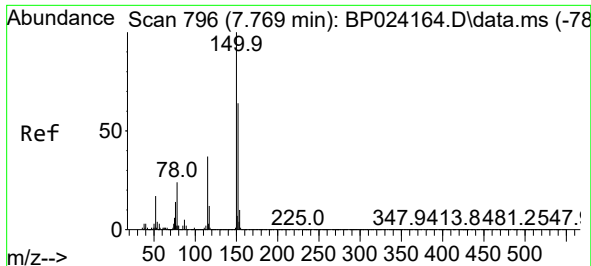
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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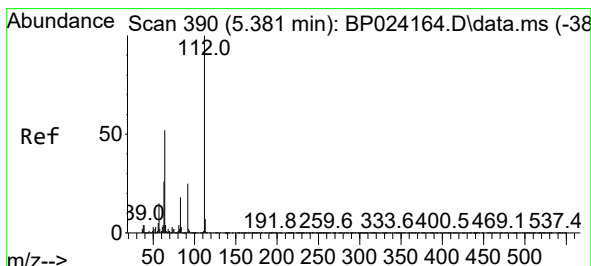
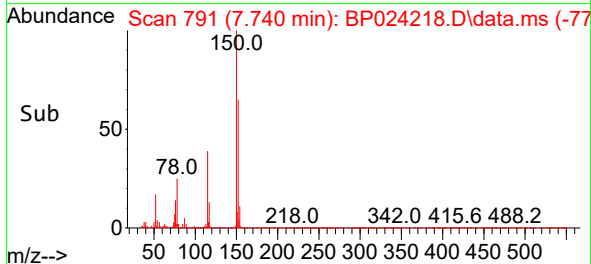
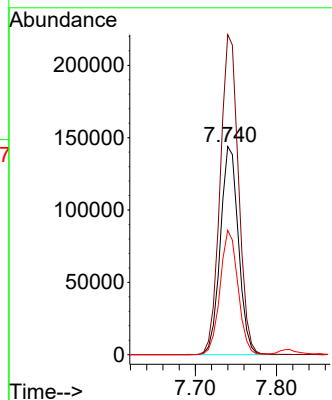
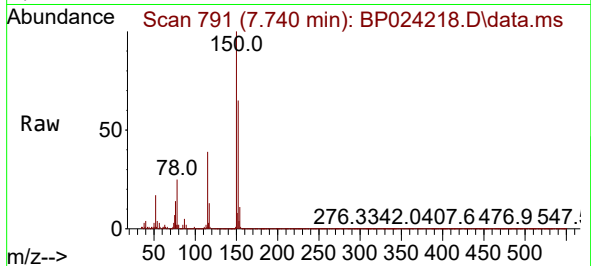




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

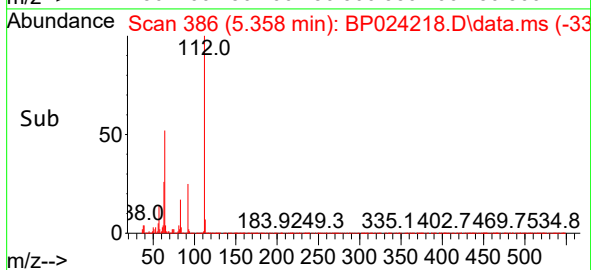
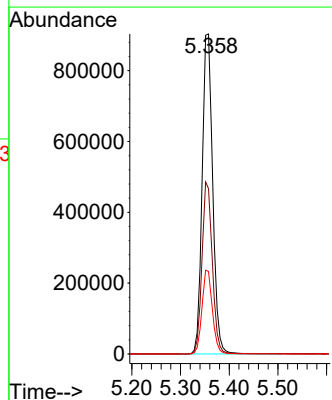
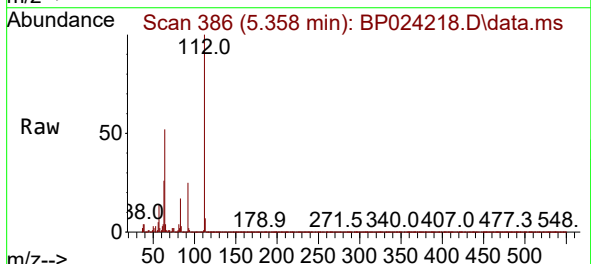
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

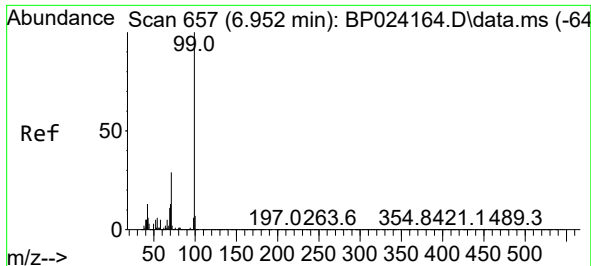
Tgt Ion:152 Resp: 223104
Ion Ratio Lower Upper
152 100
150 153.7 125.5 188.3
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 98.015 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:112 Resp: 1369904
Ion Ratio Lower Upper
112 100
64 51.7 41.3 61.9
63 25.7 20.6 31.0

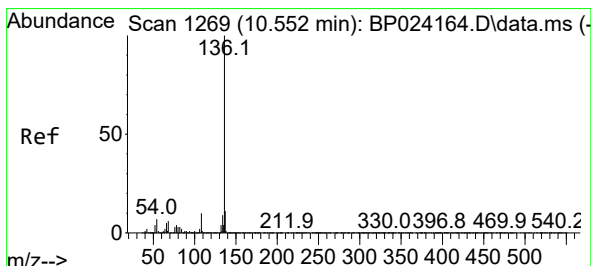
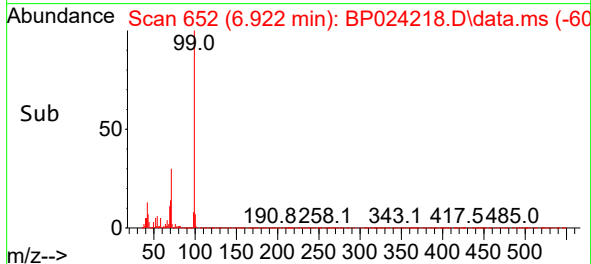
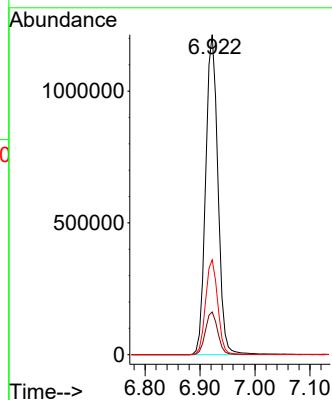
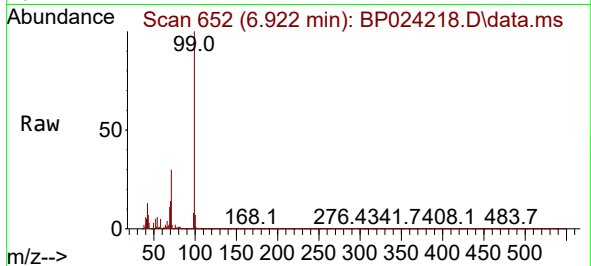




#7
Phenol-d6
Concen: 100.679 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

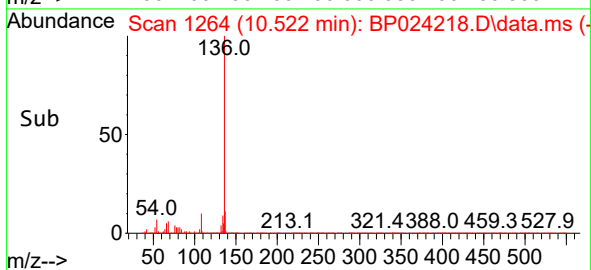
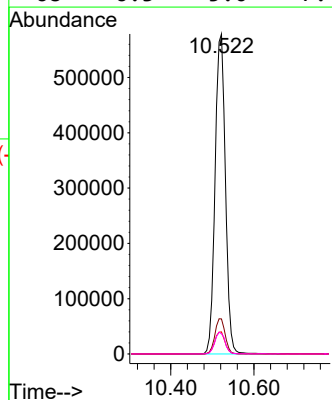
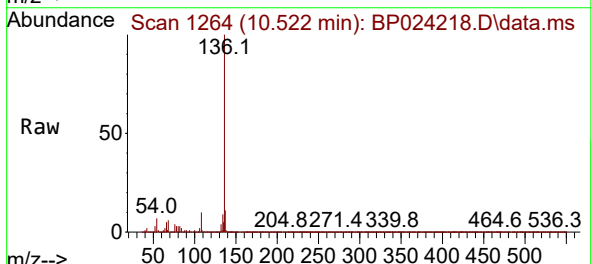
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

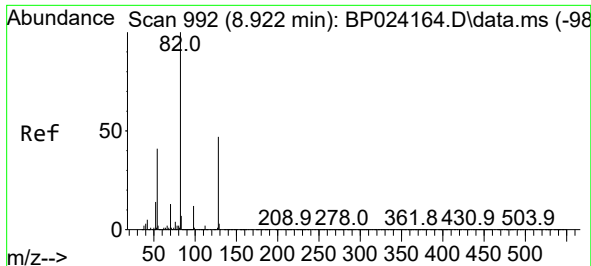
Tgt Ion: 99 Resp: 1881715
Ion Ratio Lower Upper
99 100
42 13.3 10.6 16.0
71 29.6 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.030 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:136 Resp: 995133
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.9 5.3 7.9
68 6.3 5.0 7.4

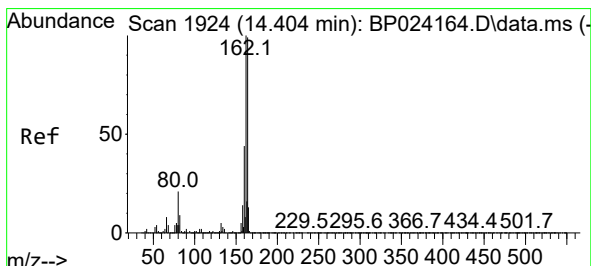
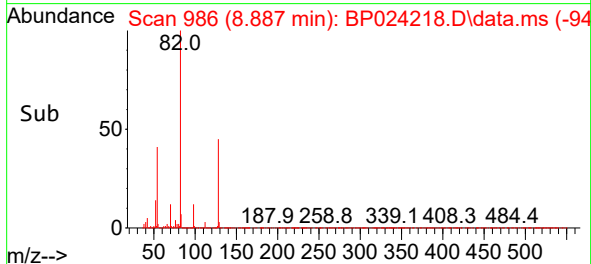
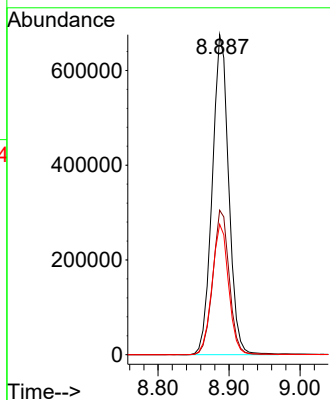
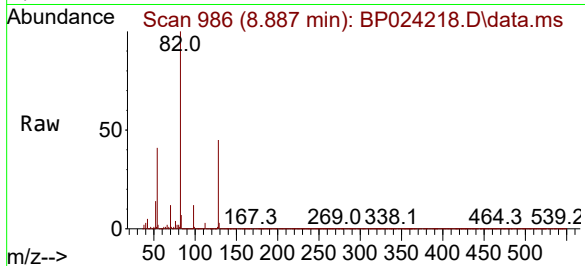




#23
Nitrobenzene-d5
Concen: 61.539 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.036 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

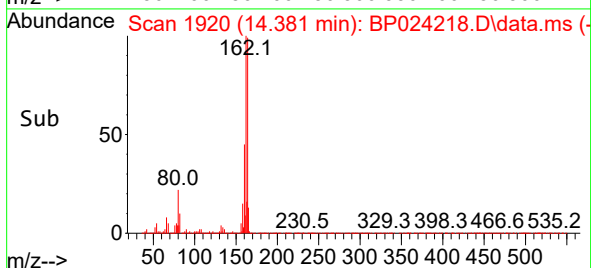
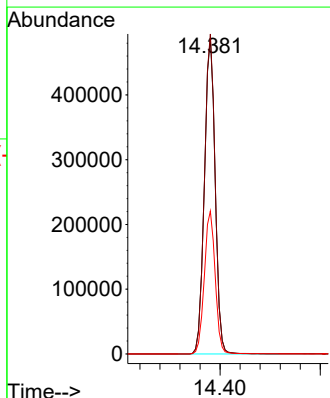
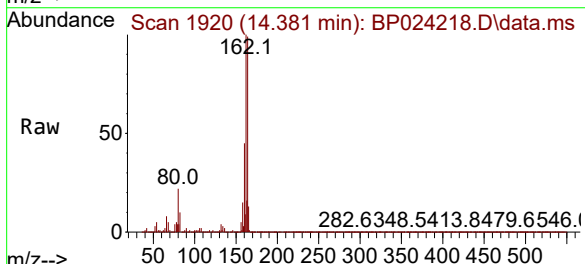
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

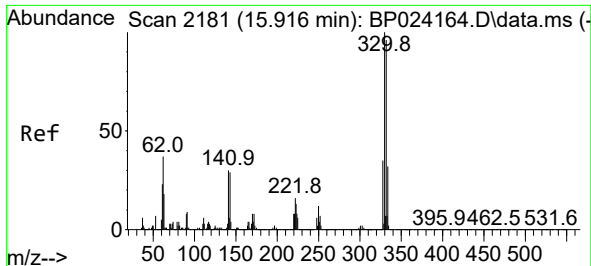
Tgt Ion: 82 Resp: 1085405
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.0
54 40.8 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion: 164 Resp: 728757
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.2 35.4 53.2

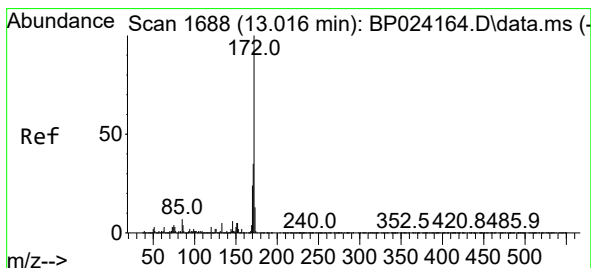
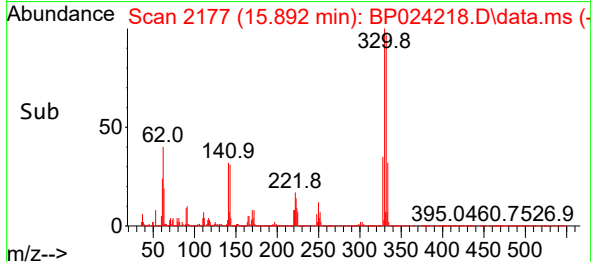
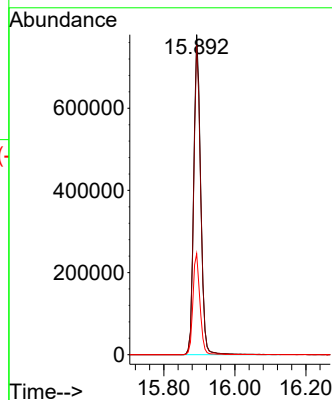
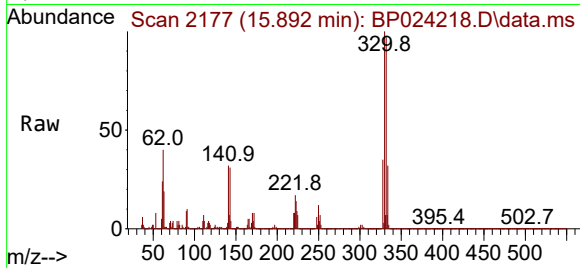




#42
2,4,6-Tribromophenol
Concen: 115.736 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

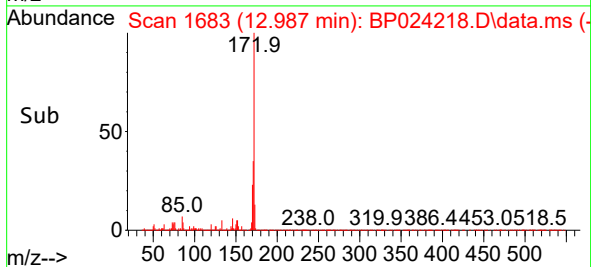
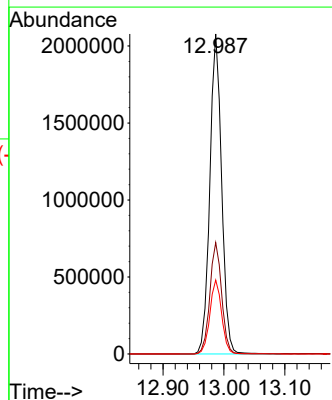
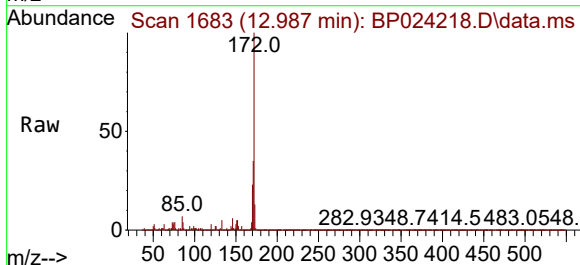
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

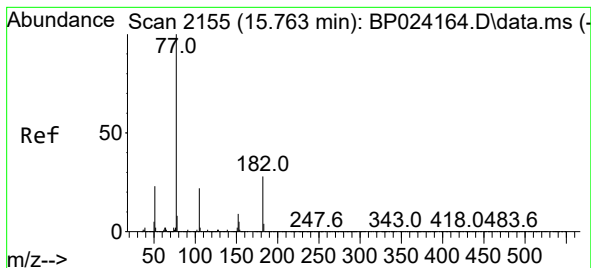
Tgt Ion:330 Resp: 1062409
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.7 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 56.627 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.030 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:172 Resp: 2798691
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.1 19.0 28.4





#63

Azobenzene

Concen: 3.035 ng

RT: 15.763 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BP024218.D

Acq: 08 Apr 2025 18:28

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-17-040325

Tgt Ion: 77 Resp: 145251

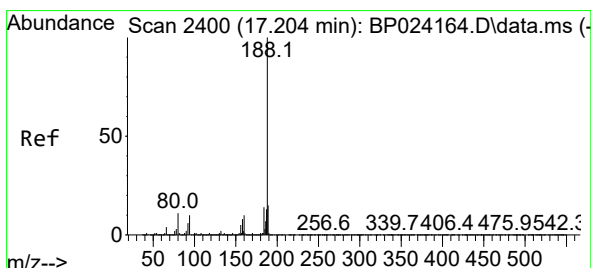
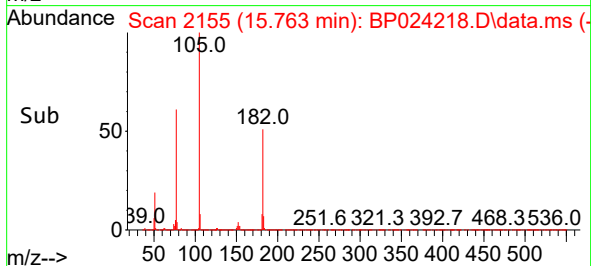
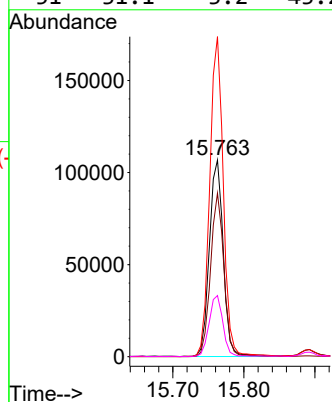
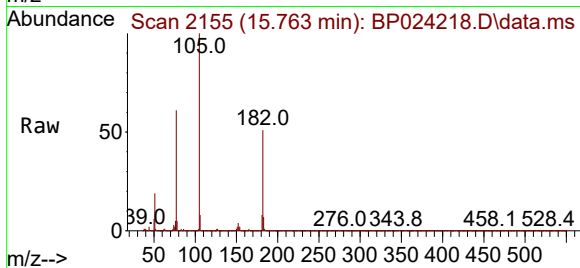
Ion Ratio Lower Upper

77 100

182 83.2 7.7 47.7#

105 162.7 2.3 42.3#

51 31.1 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2396

Delta R.T. -0.024 min

Lab File: BP024218.D

Acq: 08 Apr 2025 18:28

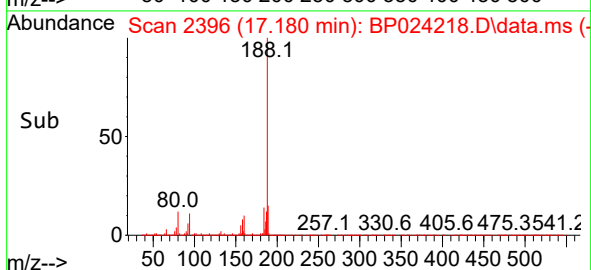
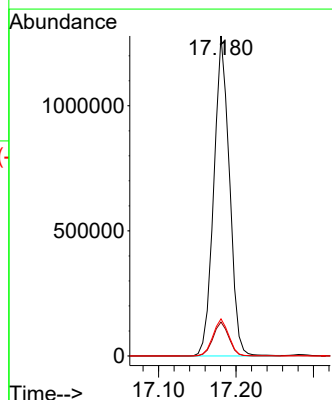
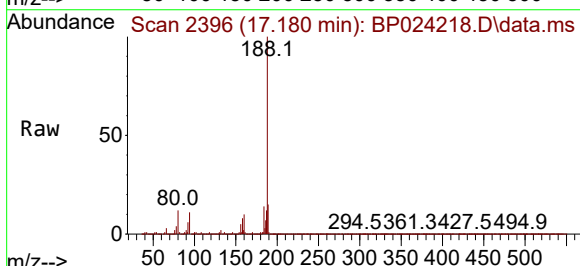
Tgt Ion:188 Resp: 1794374

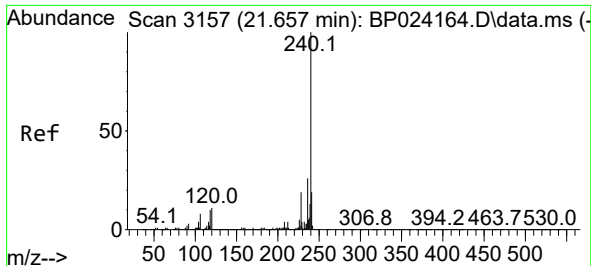
Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 11.6 8.9 13.3

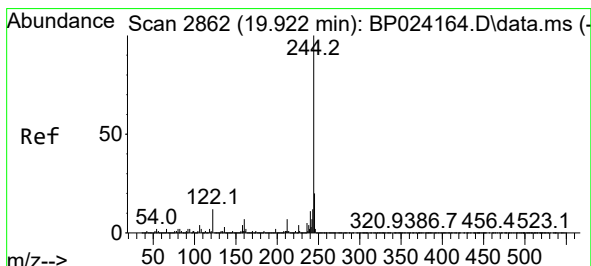
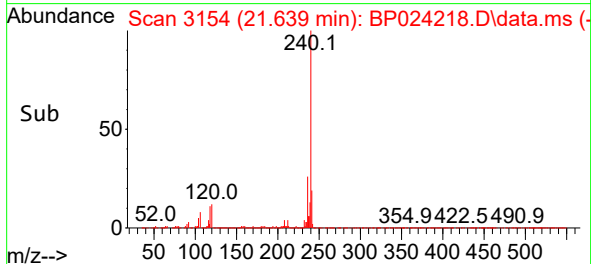
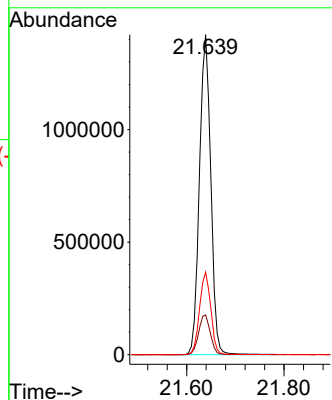
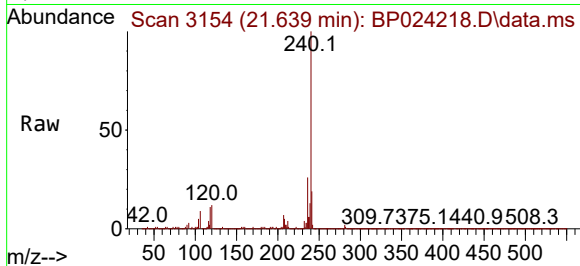




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3157
Delta R.T. -0.018 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

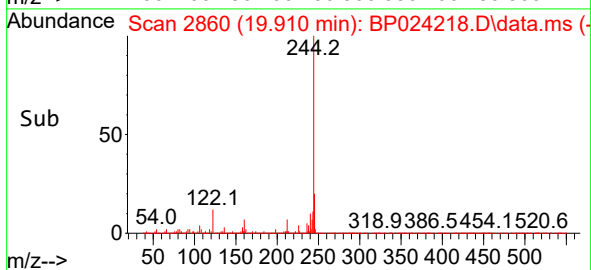
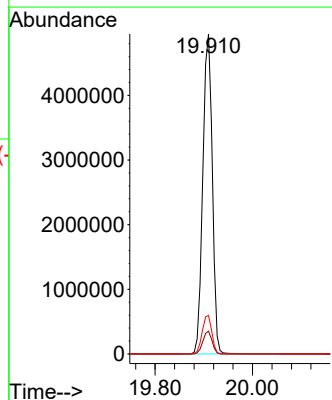
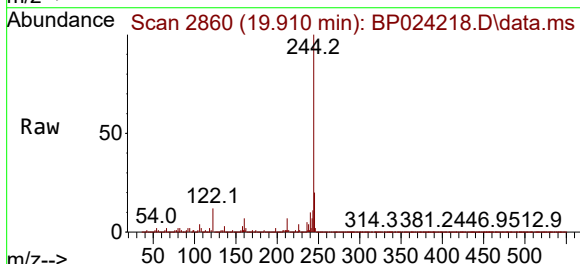
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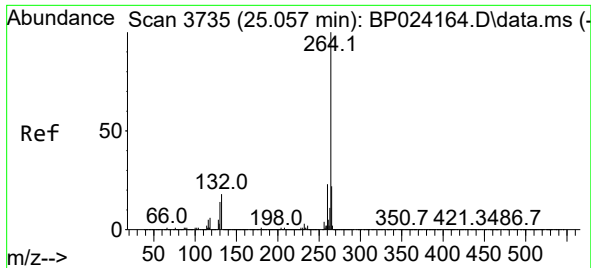
Tgt Ion:240 Resp: 2303527
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 60.025 ng
RT: 19.910 min Scan# 2860
Delta R.T. -0.012 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

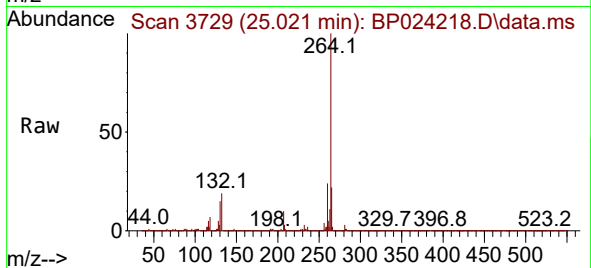
Tgt Ion:244 Resp: 6698378
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.0 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 31
Delta R.T. -0.036 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325



Tgt Ion:264 Resp: 2559475
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.8 17.7 26.5

