

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024365.D
 Acq On : 21 Apr 2025 16:57
 Operator : RC/JU
 Sample : Q1828-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT5417

Quant Time: Apr 21 17:28:01 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)

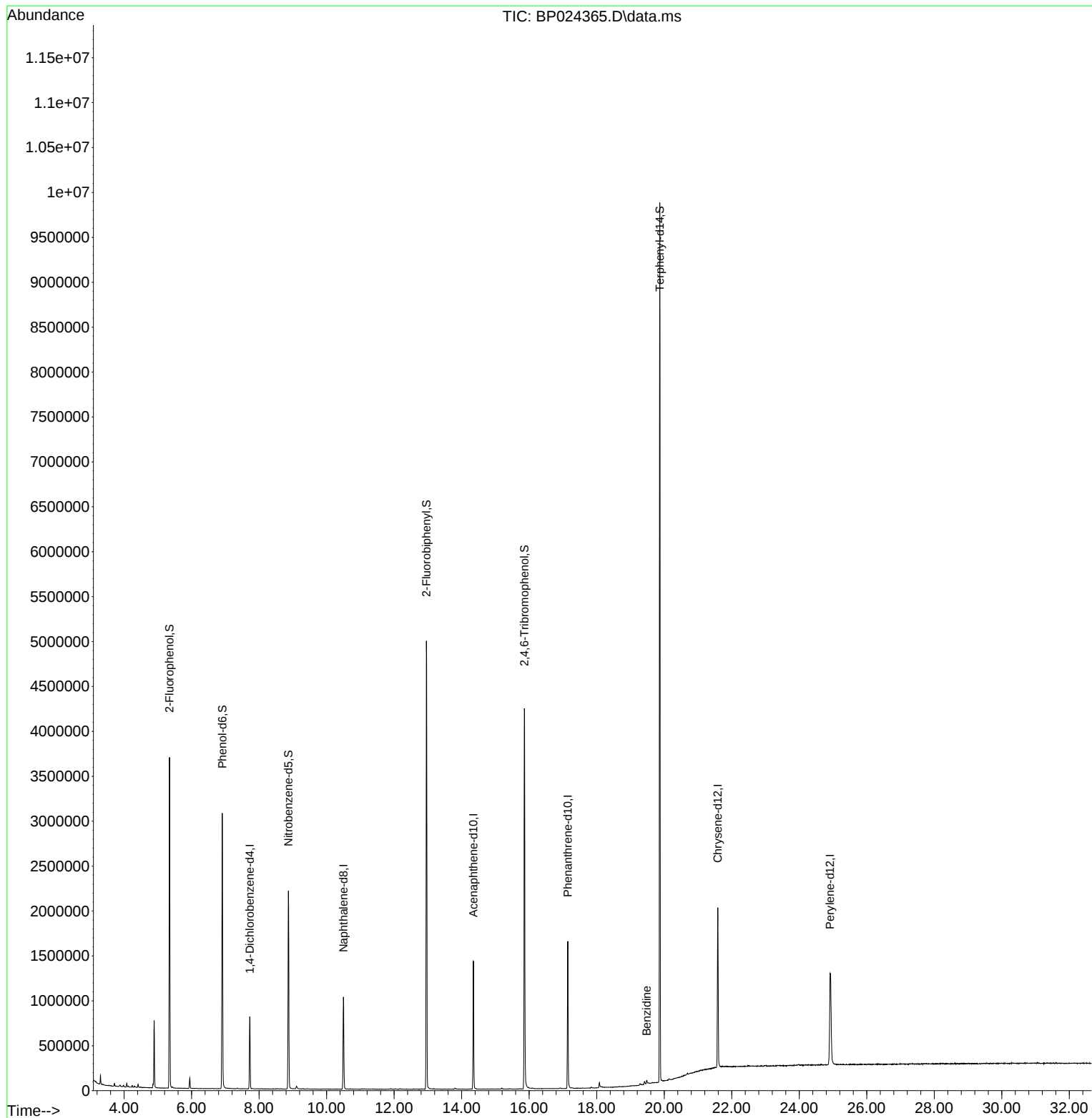
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	221469	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	852967	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	485000	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	961362	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1073250	20.000	ng	0.00
86) Perylene-d12	24.915	264	1212112	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1614345	120.525	ng	0.00
7) Phenol-d6	6.910	99	1846042	100.653	ng	0.00
23) Nitrobenzene-d5	8.869	82	1309402	87.534	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	916434	136.573	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2638521	83.296	ng	0.00
79) Terphenyl-d14	19.869	244	4827474	90.663	ng	0.00
Target Compounds						
77) Benzidine	19.480	184	43422	3.192	ng	Qvalue 98

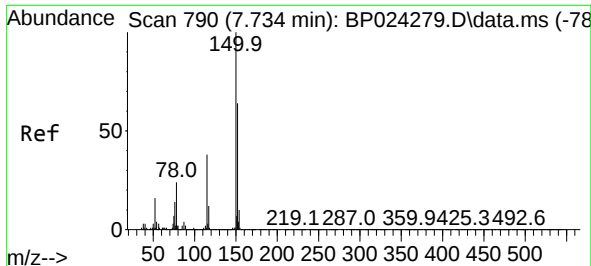
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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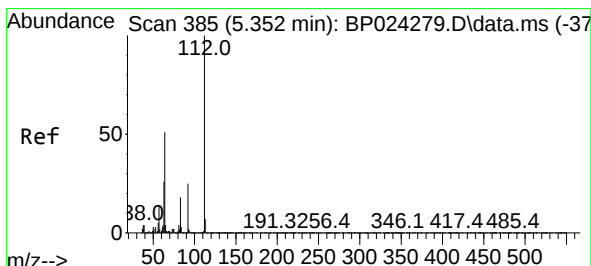
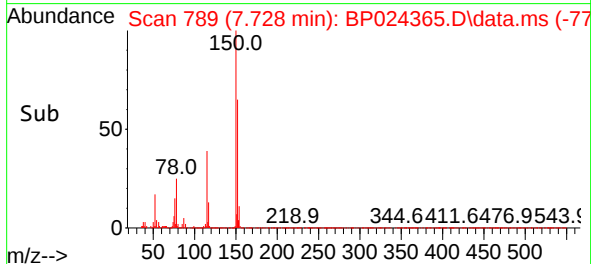
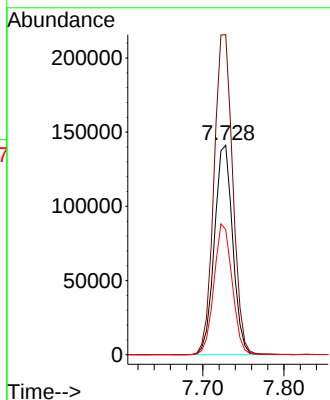
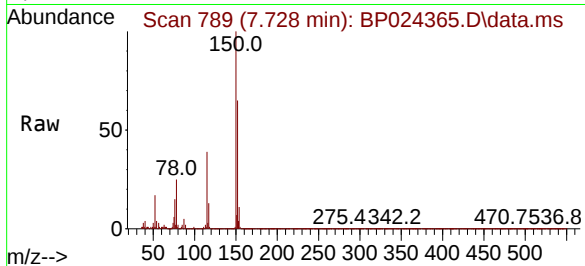




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

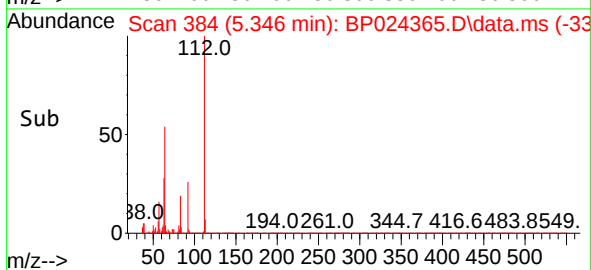
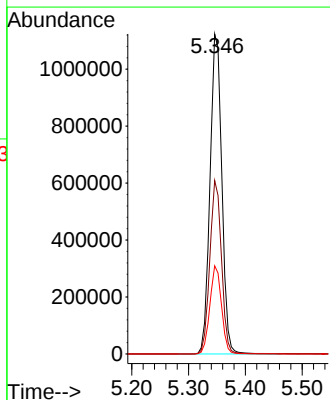
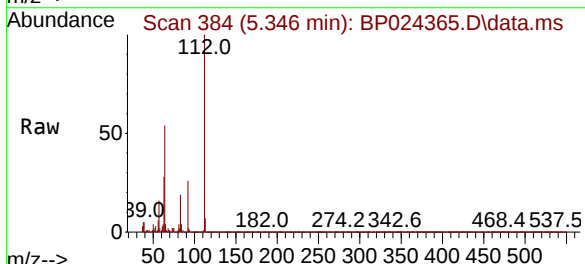
Instrument :
BNA_P
ClientSampleId :
RT5417

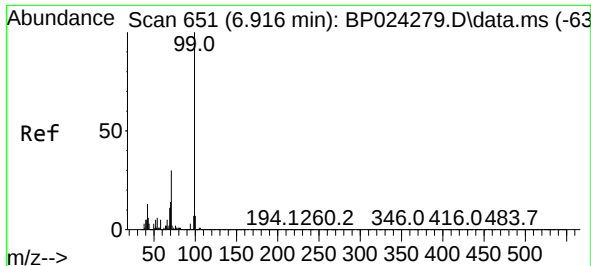
Tgt Ion:152 Resp: 221469
Ion Ratio Lower Upper
152 100
150 152.7 124.9 187.3
115 59.7 47.7 71.5



#5
2-Fluorophenol
Concen: 120.525 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

Tgt Ion:112 Resp: 1614345
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 27.6 20.6 30.8

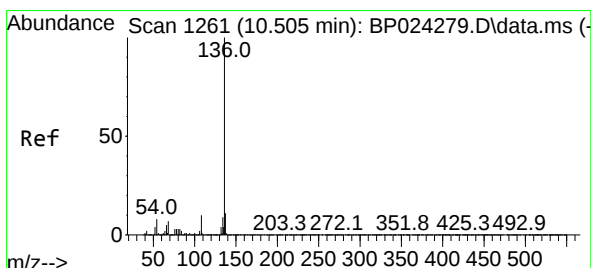
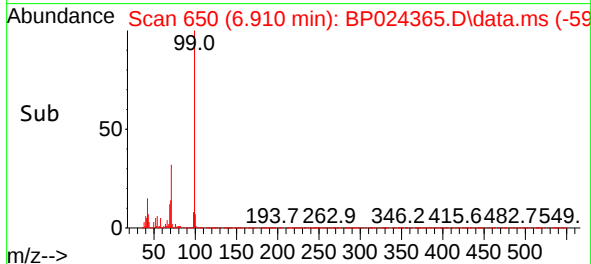
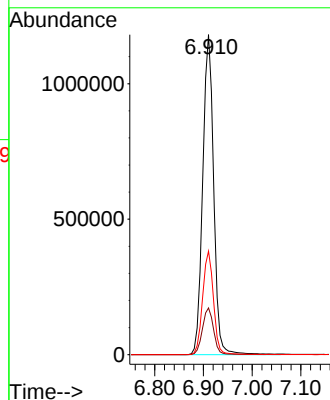
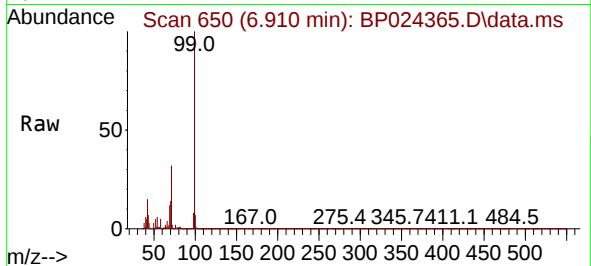




#7
Phenol-d6
Concen: 100.653 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

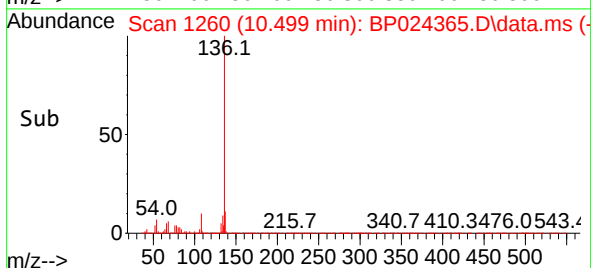
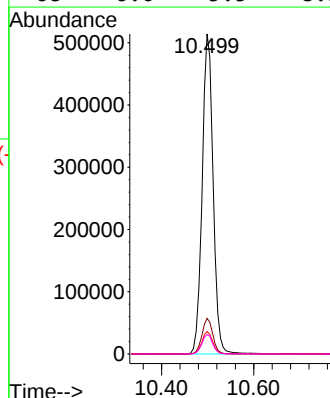
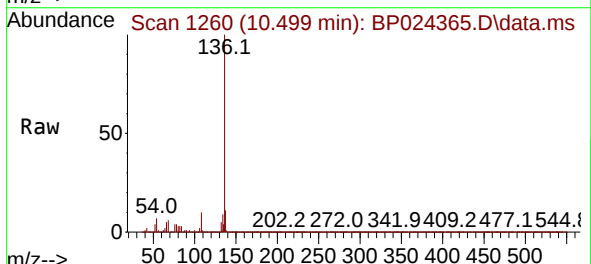
Instrument :
BNA_P
ClientSampleId :
RT5417

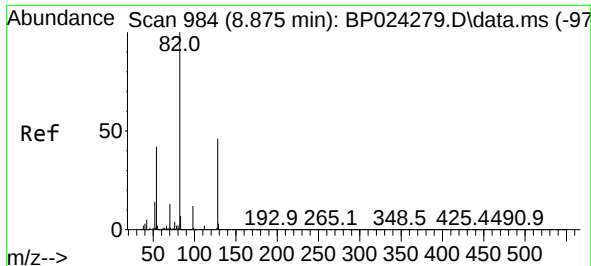
Tgt Ion: 99 Resp: 1846042
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 32.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

Tgt Ion: 136 Resp: 852967
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.0 6.0 9.0
68 6.0 5.5 8.3

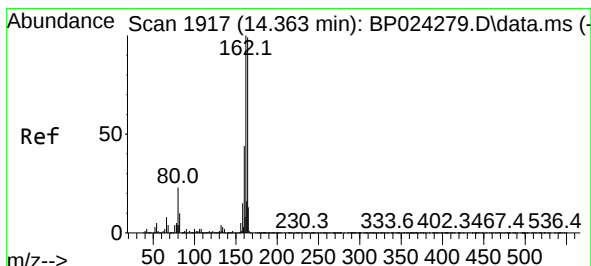
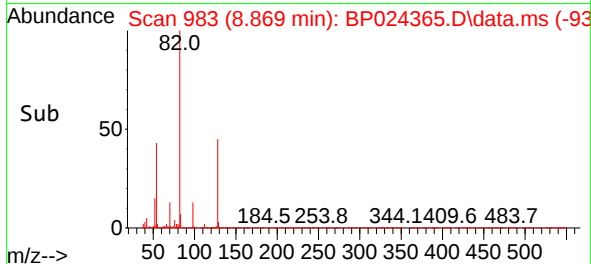
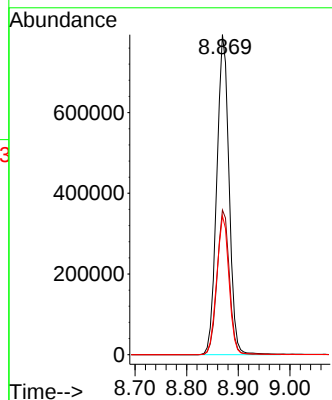
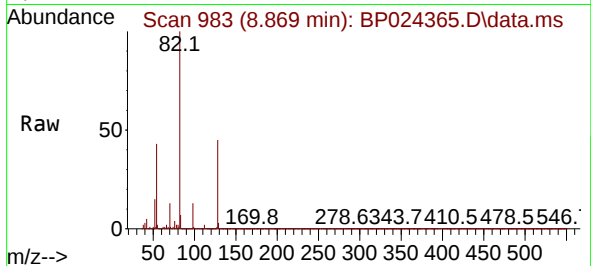




#23
Nitrobenzene-d5
Concen: 87.534 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

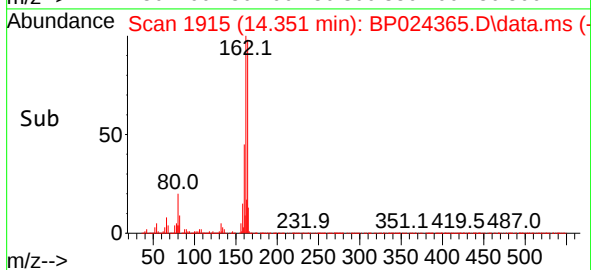
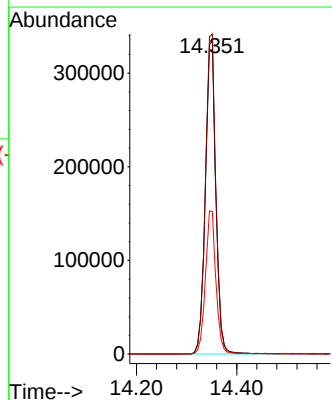
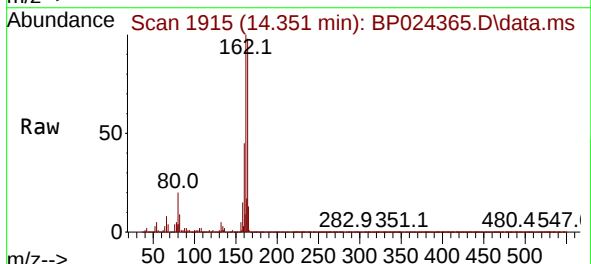
Instrument :
BNA_P
ClientSampleId :
RT5417

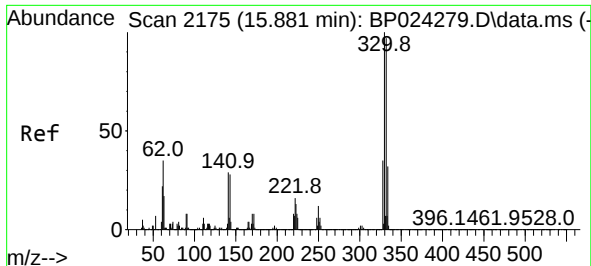
Tgt Ion: 82 Resp: 1309402
Ion Ratio Lower Upper
82 100
128 45.2 36.5 54.7
54 43.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

Tgt Ion:164 Resp: 485000
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.5 35.3 52.9

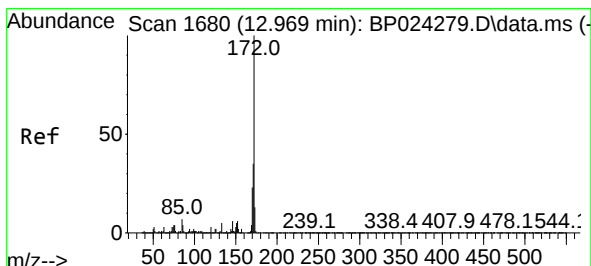
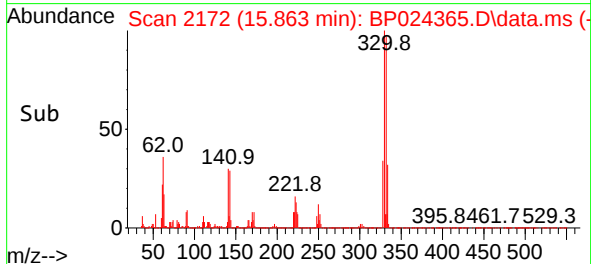
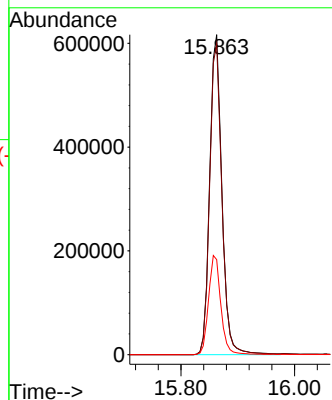
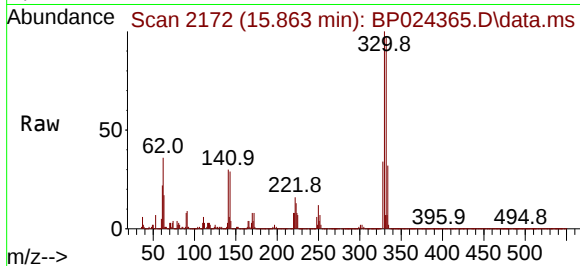




#42
2,4,6-Tribromophenol
Concen: 136.573 ng
RT: 15.863 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

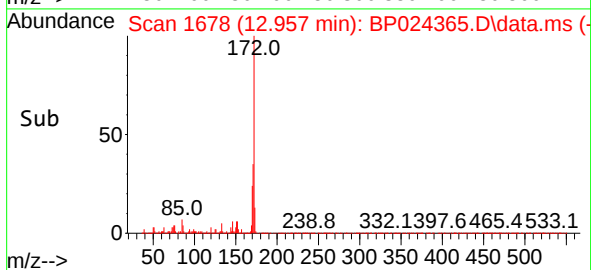
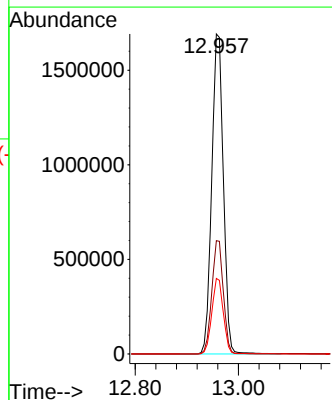
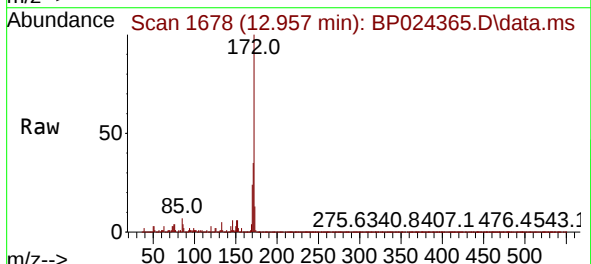
Instrument :
BNA_P
ClientSampleId :
RT5417

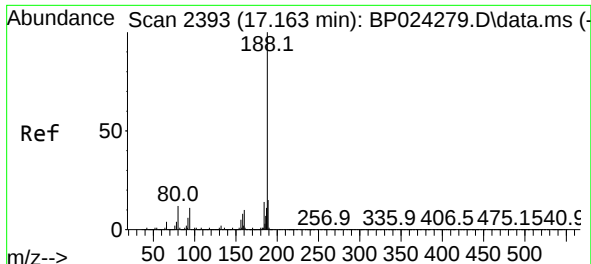
Tgt Ion: 330 Resp: 916434
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 31.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 83.296 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

Tgt Ion: 172 Resp: 2638521
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 18.6 27.8

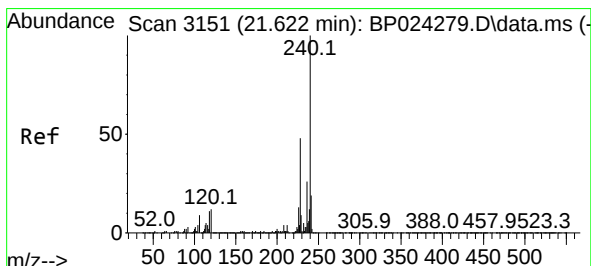
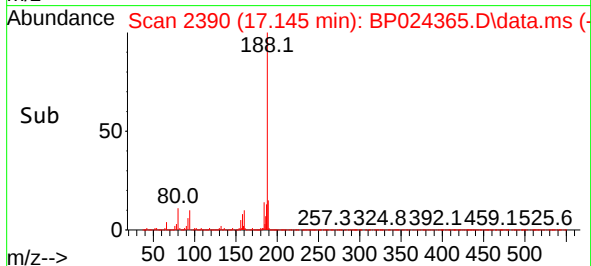
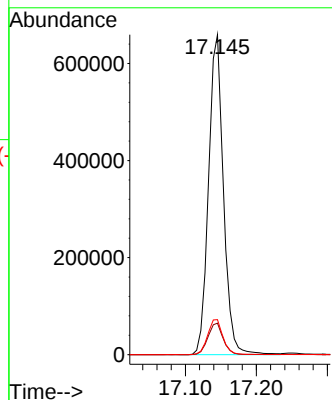
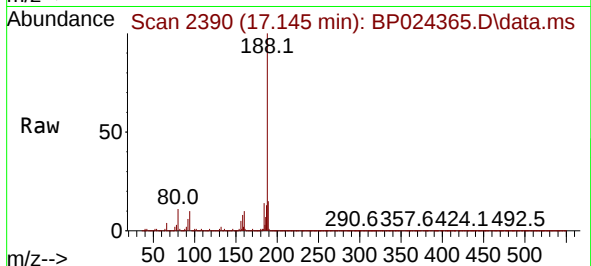




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

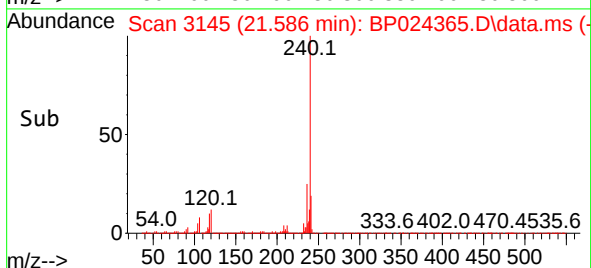
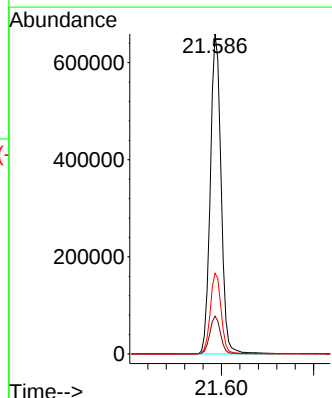
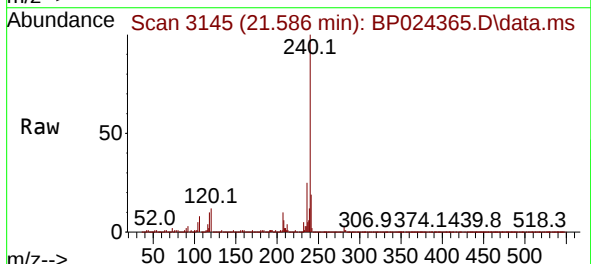
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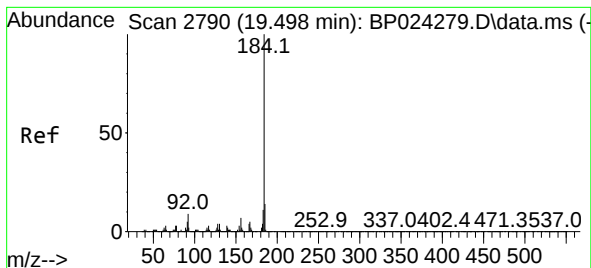
Tgt Ion:188 Resp: 961362
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024365.D
Acq: 21 Apr 2025 16:57

Tgt Ion:240 Resp: 1073250
Ion Ratio Lower Upper
240 100
120 11.8 9.8 14.8
236 25.3 20.9 31.3





#77

Benzidine

Concen: 3.192 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024365.D

Acq: 21 Apr 2025 16:57

Instrument :

BNA_P

ClientSampleId :

RT5417

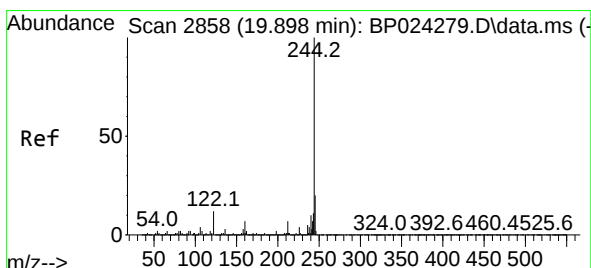
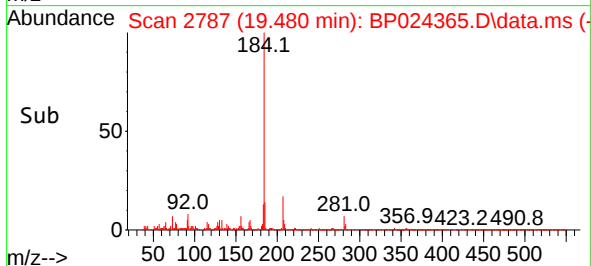
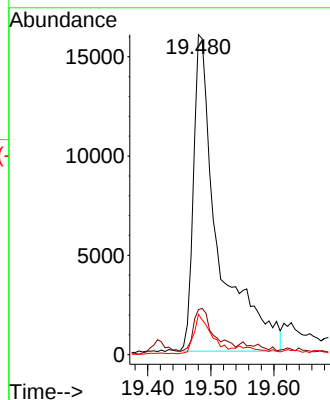
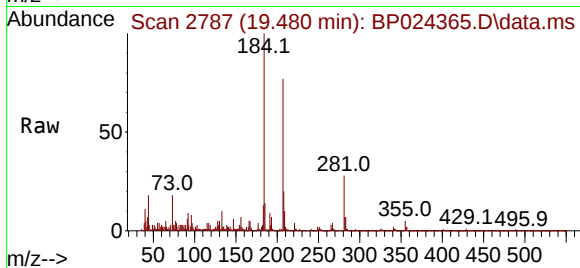
Tgt Ion:184 Resp: 43422

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 12.6 9.2 13.8



#79

Terphenyl-d14

Concen: 90.663 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP024365.D

Acq: 21 Apr 2025 16:57

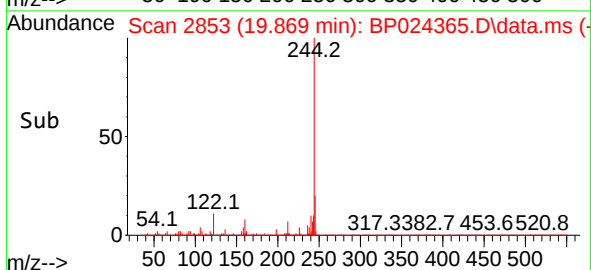
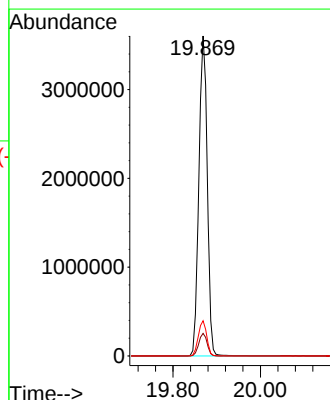
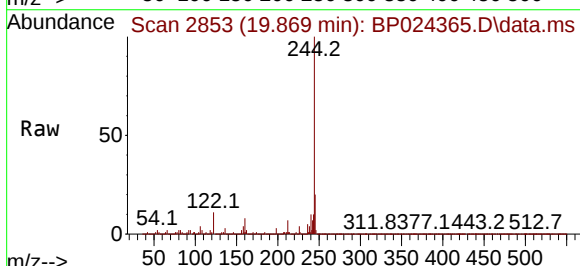
Tgt Ion:244 Resp: 4827474

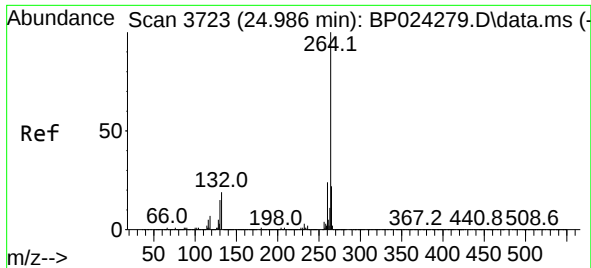
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.0 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.915 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP024365.D
 Acq: 21 Apr 2025 16:57

Instrument :
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Tgt Ion:264 Resp: 1212112
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.4 17.8 26.6

