

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024550.D
 Acq On : 06 May 2025 17:08
 Operator : RC/JU
 Sample : Q1956-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB2-4-5

Quant Time: May 06 18:09:48 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)

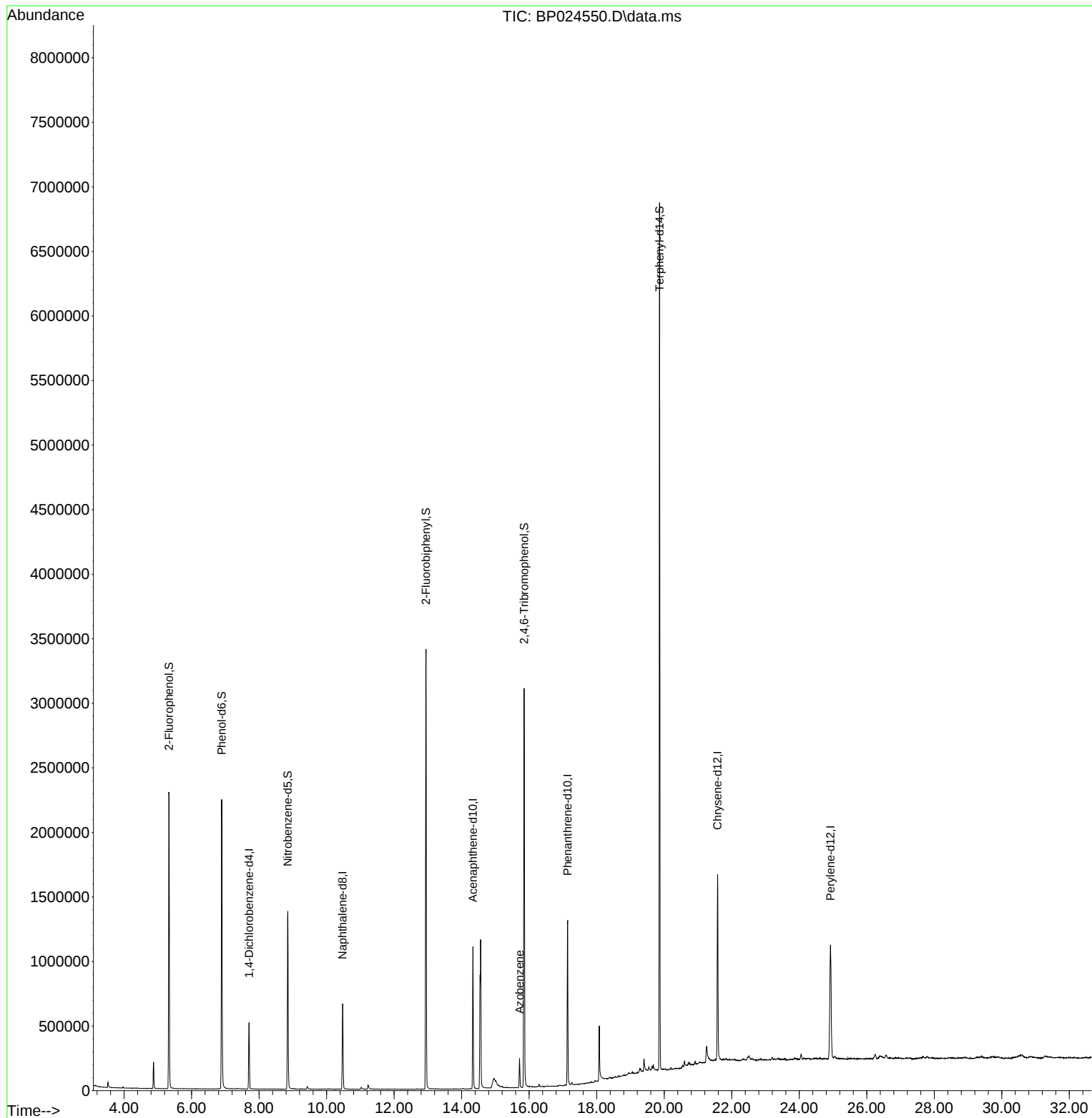
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	144877	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	584391	20.000	ng	#-0.02
39) Acenaphthene-d10	14.333	164	366246	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	734769	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	831828	20.000	ng	-0.01
86) Perylene-d12	24.927	264	997130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1021805	116.617	ng	-0.01
7) Phenol-d6	6.893	99	1296796	108.087	ng	-0.02
23) Nitrobenzene-d5	8.851	82	791978	77.276	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	712989	140.706	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1768301	73.925	ng	-0.02
79) Terphenyl-d14	19.862	244	2961257	71.755	ng	-0.01
Target Compounds						
63) Azobenzene	15.716	77	67125	2.661	ng	Qvalue # 1

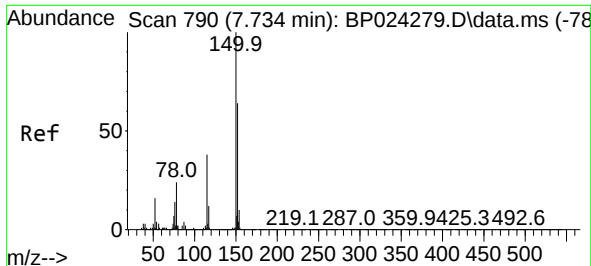
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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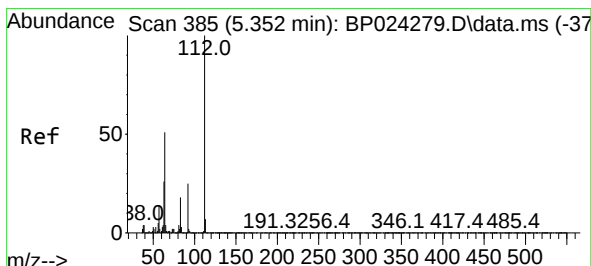
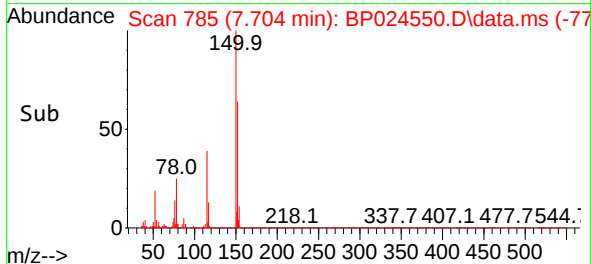
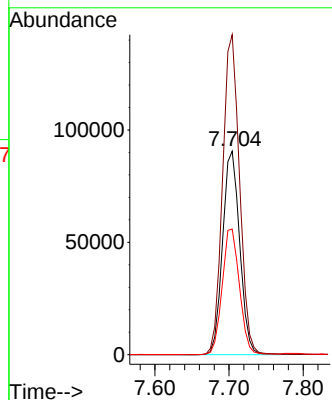
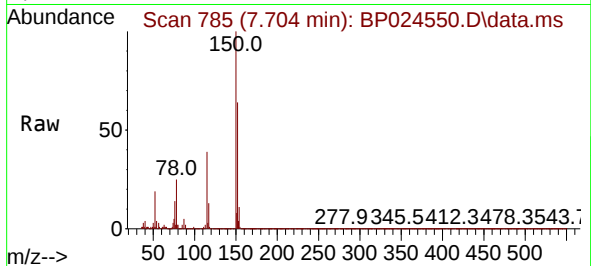




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BP024550.D
 Acq: 06 May 2025 17:08

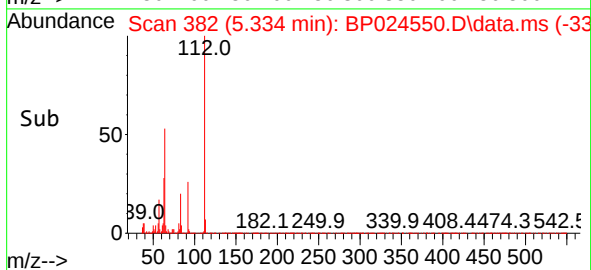
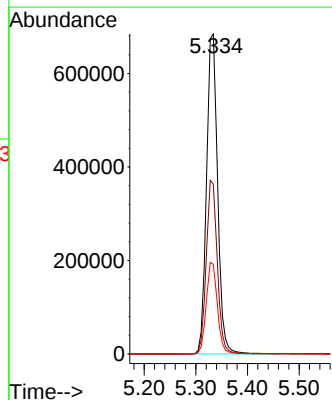
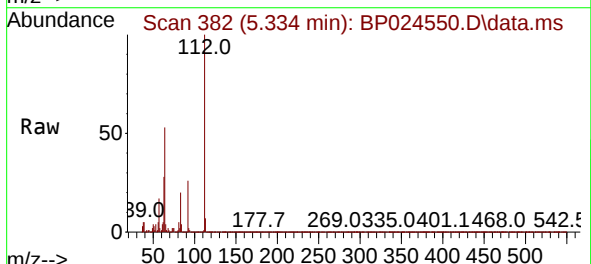
Instrument :
 BNA_P
 ClientSampleId :
 SB2-4-5

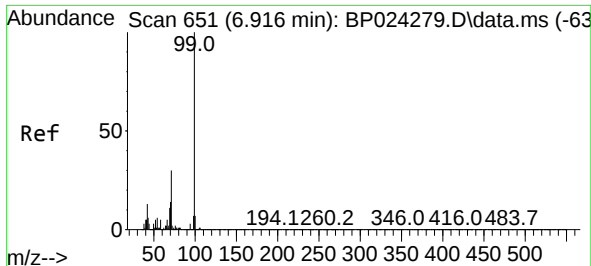
Tgt Ion:152 Resp: 144877
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 61.7 47.7 71.5



#5
 2-Fluorophenol
 Concen: 116.617 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024550.D
 Acq: 06 May 2025 17:08

Tgt Ion:112 Resp: 1021805
 Ion Ratio Lower Upper
 112 100
 64 53.0 41.1 61.7
 63 28.1 20.6 30.8

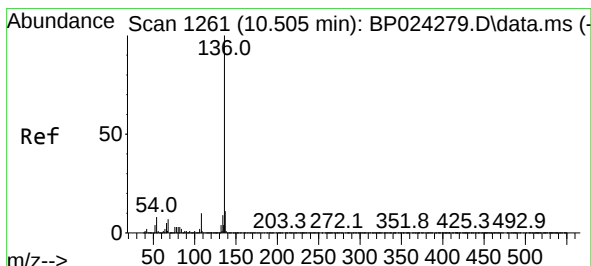
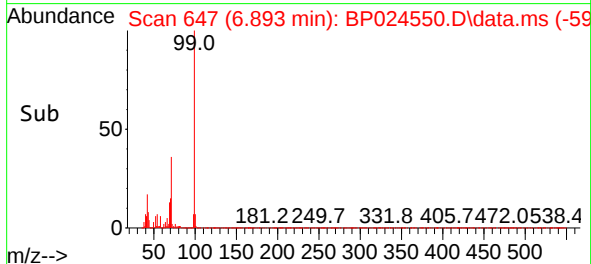
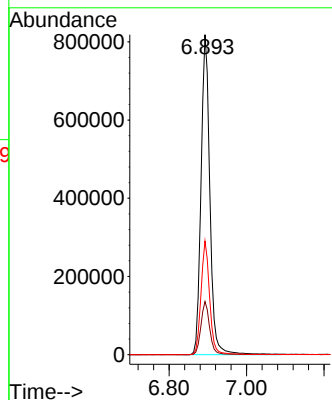
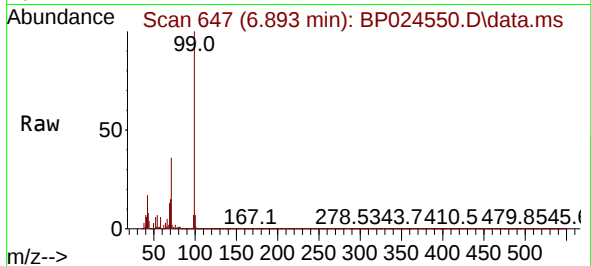




#7
Phenol-d6
Concen: 108.087 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

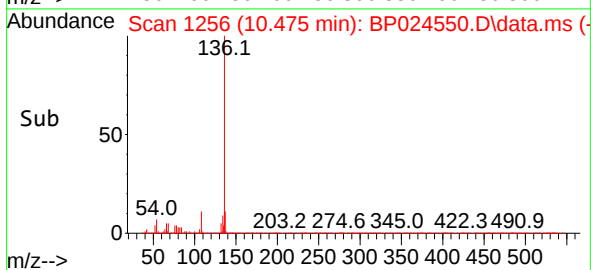
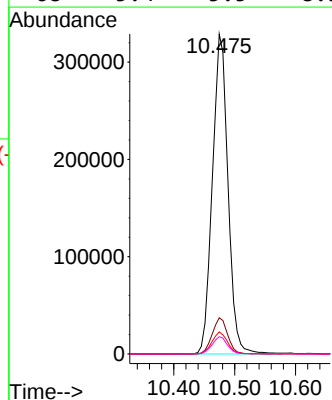
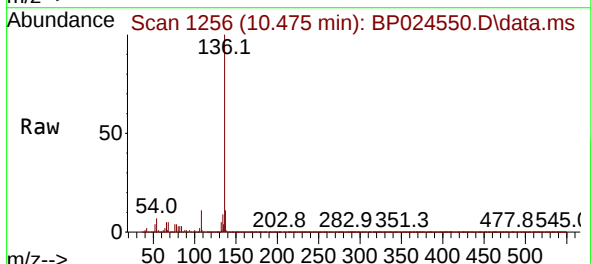
Instrument :
BNA_P
ClientSampleId :
SB2-4-5

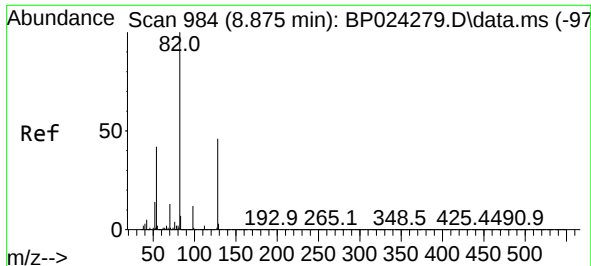
Tgt Ion: 99 Resp: 1296796
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.5 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion: 136 Resp: 584391
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.9 6.0 9.0
68 5.4 5.5 8.3#

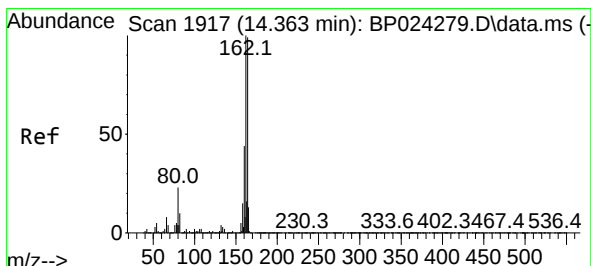
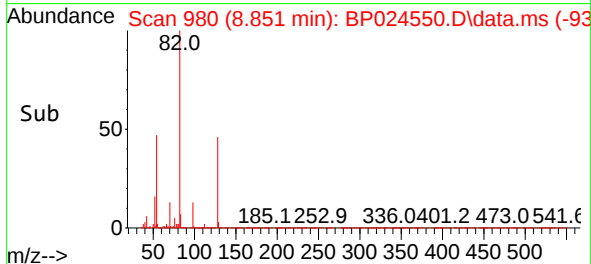
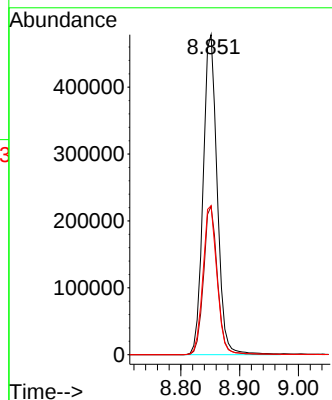
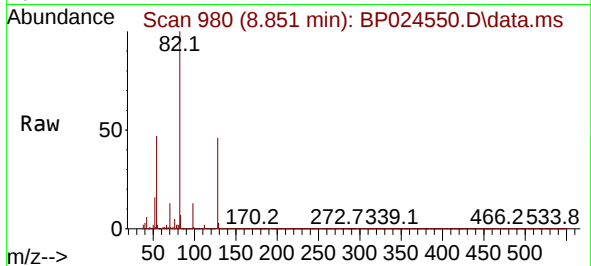




#23
Nitrobenzene-d5
Concen: 77.276 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

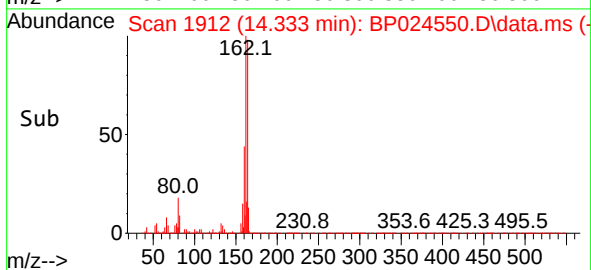
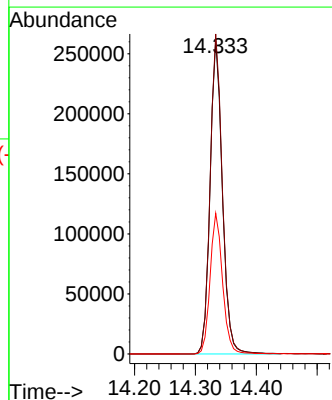
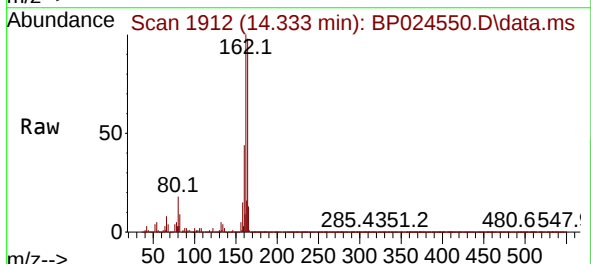
Instrument :
BNA_P
ClientSampleId :
SB2-4-5

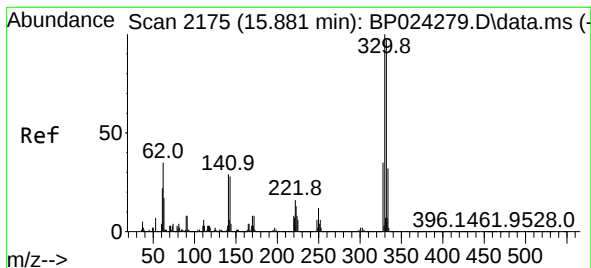
Tgt Ion: 82 Resp: 791978
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 46.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion: 164 Resp: 366246
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.9 35.3 52.9

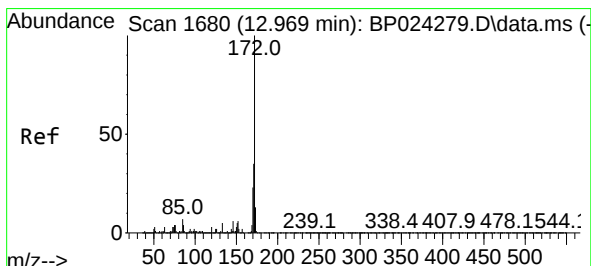
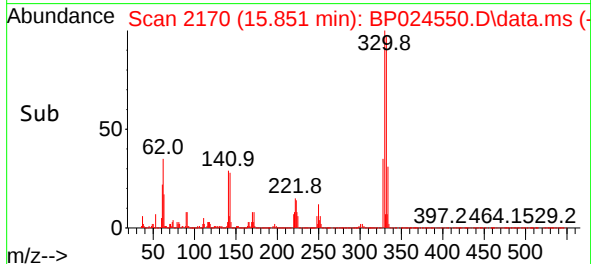
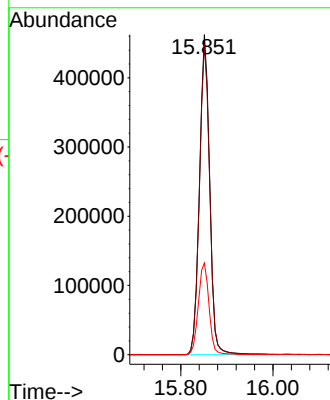
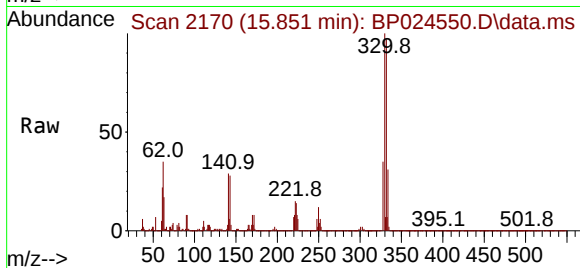




#42
2,4,6-Tribromophenol
Concen: 140.706 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

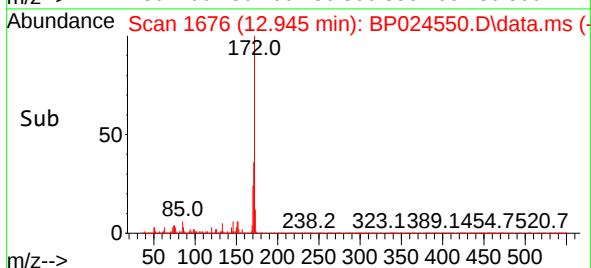
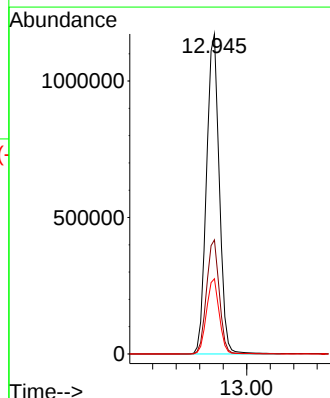
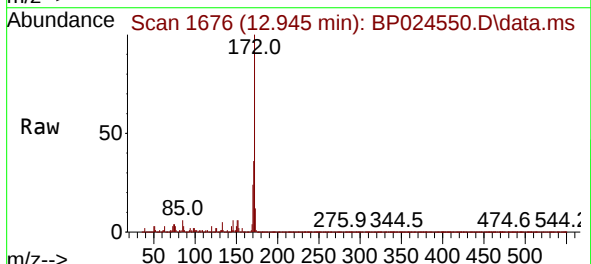
Instrument :
BNA_P
ClientSampleId :
SB2-4-5

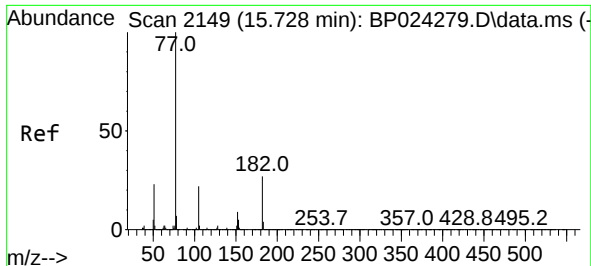
Tgt Ion:330 Resp: 712989
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 29.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 73.925 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:172 Resp: 1768301
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 18.6 27.8

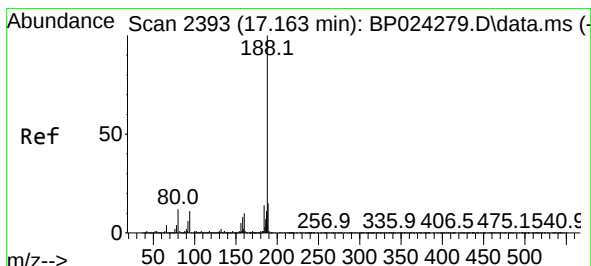
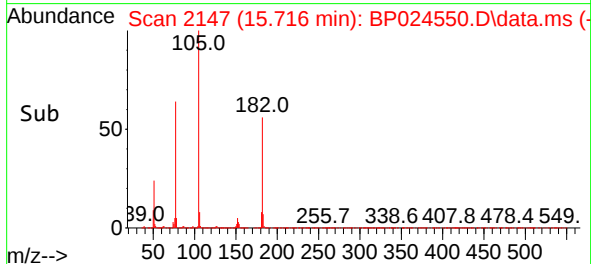
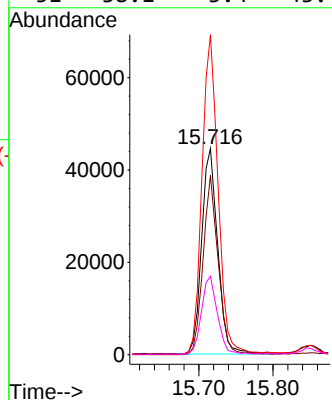
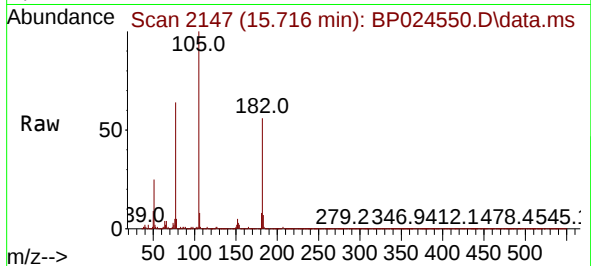




#63
Azobenzene
Concen: 2.661 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

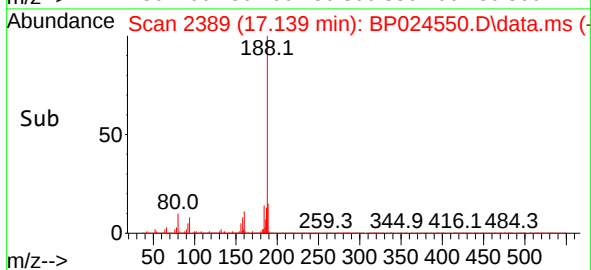
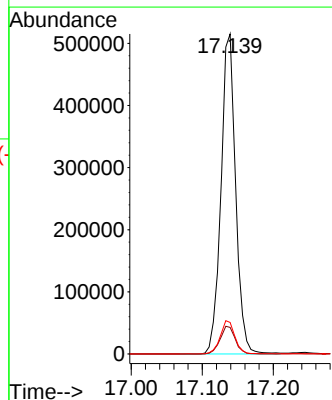
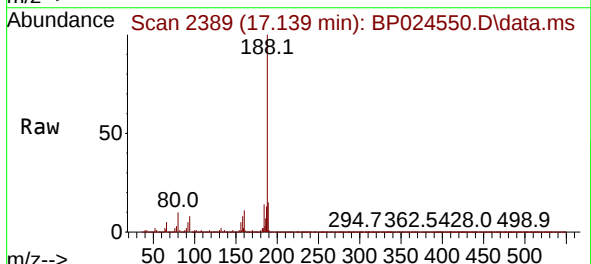
Instrument :
BNA_P
ClientSampleId :
SB2-4-5

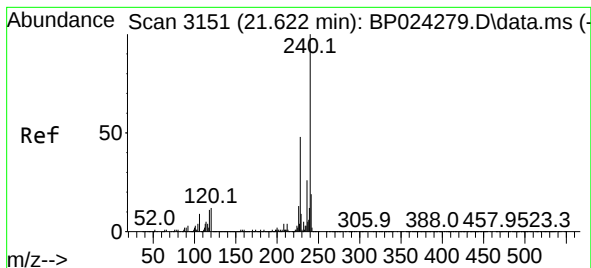
Tgt Ion: 77	Resp: 67125
Ion Ratio	Lower Upper
77 100	
182 86.9	7.3 47.3#
105 155.2	2.3 42.3#
51 38.1	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion: 188	Resp: 734769
Ion Ratio	Lower Upper
188 100	
94 8.3	8.6 13.0#
80 9.9	9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024550.D

Acq: 06 May 2025 17:08

Instrument :

BNA_P

ClientSampleId :

SB2-4-5

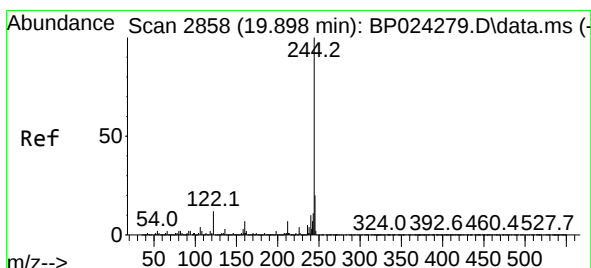
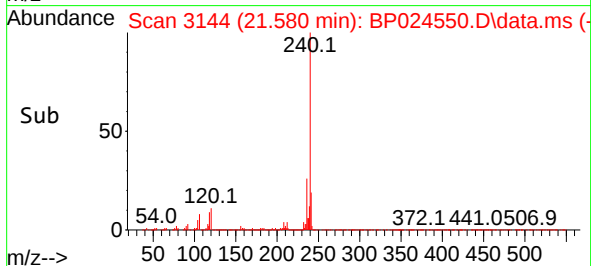
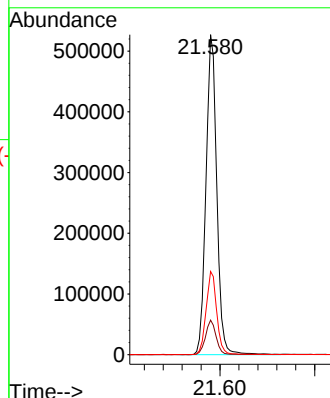
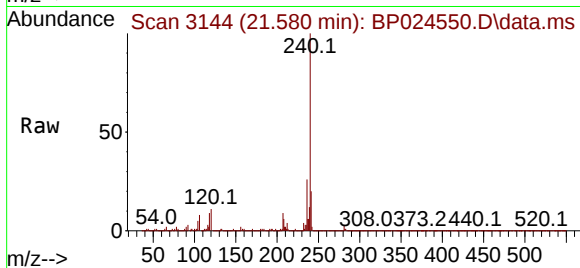
Tgt Ion:240 Resp: 831828

Ion Ratio Lower Upper

240 100

120 10.8 9.8 14.8

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 71.755 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.012 min

Lab File: BP024550.D

Acq: 06 May 2025 17:08

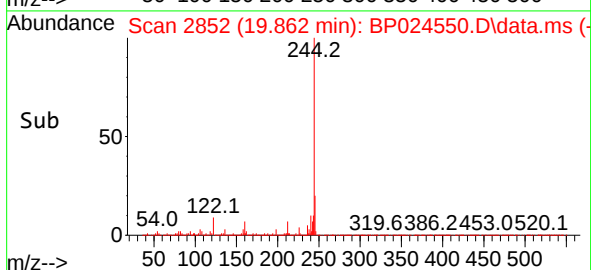
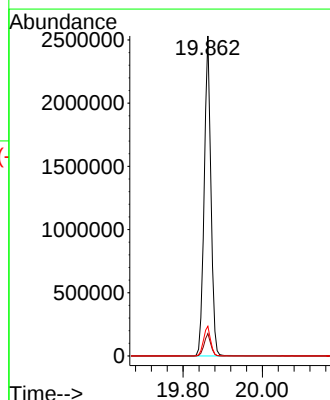
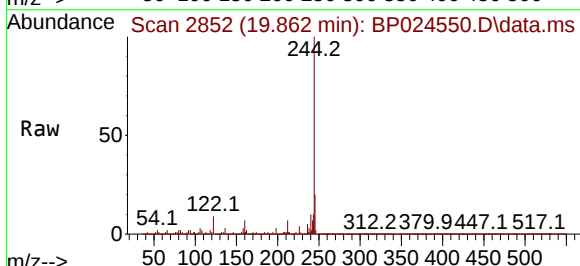
Tgt Ion:244 Resp: 2961257

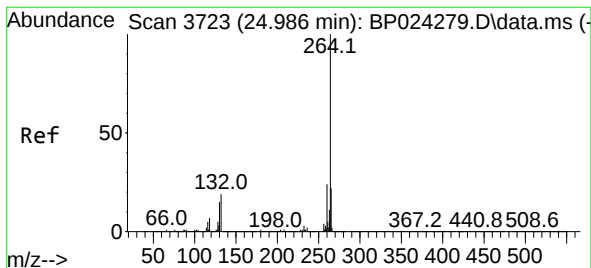
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.3 9.4 14.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024550.D

Acq: 06 May 2025 17:08

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 997130

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 17.8 26.6

