

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024594.D
 Acq On : 09 May 2025 17:08
 Operator : RC/JU
 Sample : Q1986-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-10

Quant Time: May 09 17:42:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	110593	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	437421	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	301552	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	683409	20.000	ng	# 0.00
76) Chrysene-d12	21.568	240	885510	20.000	ng	# 0.00
86) Perylene-d12	24.892	264	1054519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	573419	85.731	ng	0.00
7) Phenol-d6	6.887	99	725945	79.264	ng	0.00
23) Nitrobenzene-d5	8.845	82	436700	56.927	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	510140	122.273	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	1067839	54.219	ng	0.00
79) Terphenyl-d14	19.857	244	2583600	58.809	ng	0.00

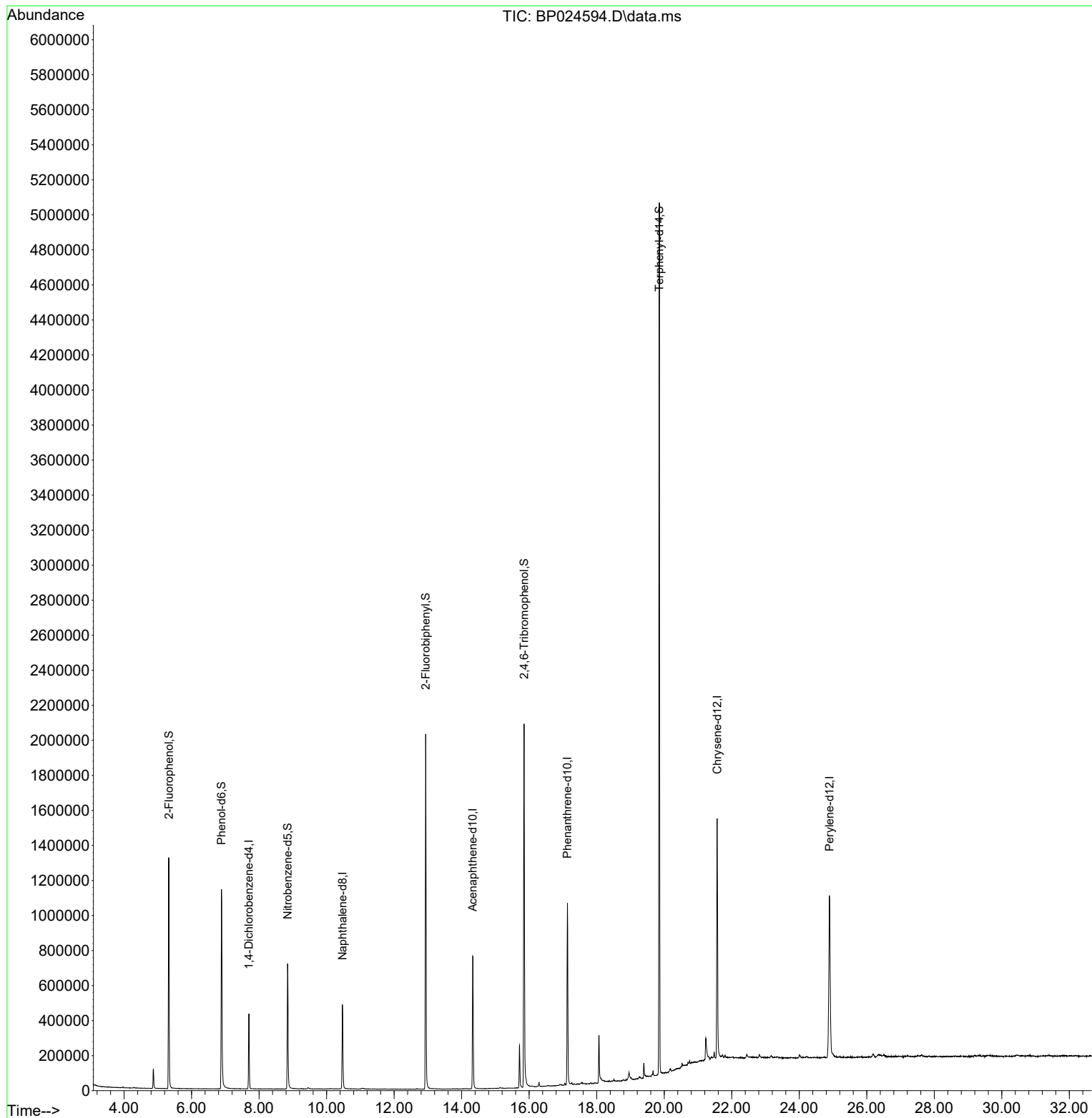
Target Compounds	Qvalue

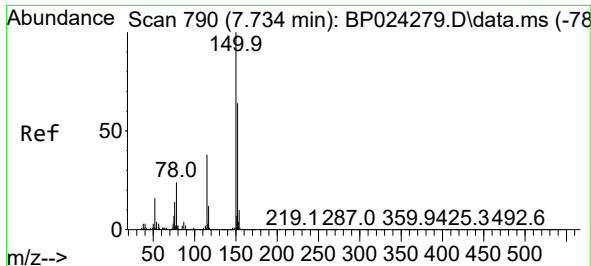
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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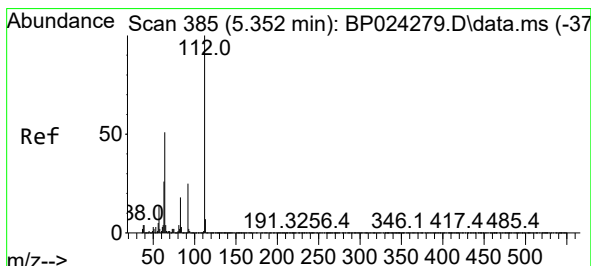
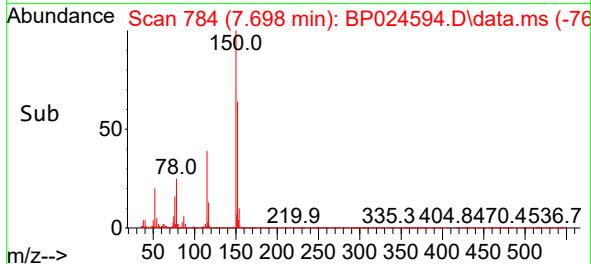
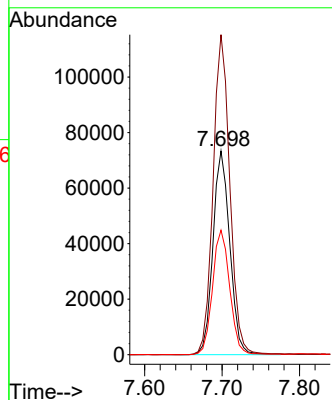
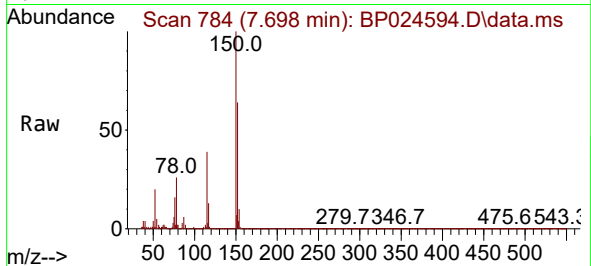




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

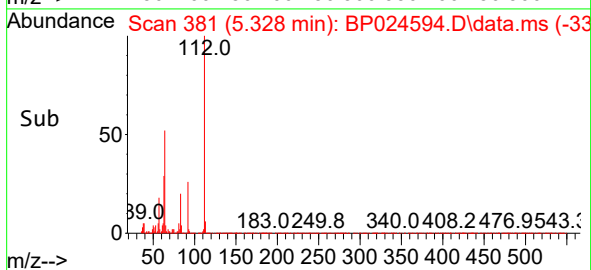
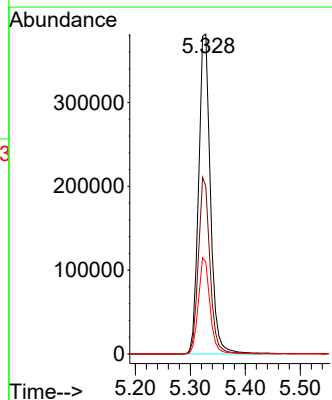
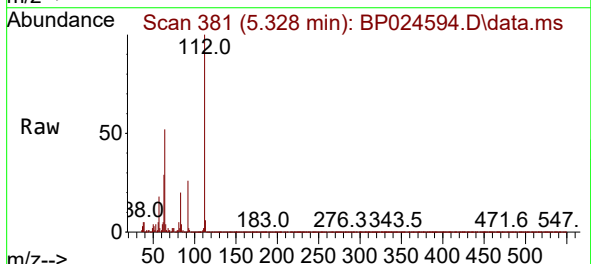
Instrument :
BNA_P
ClientSampleId :
COMP-10

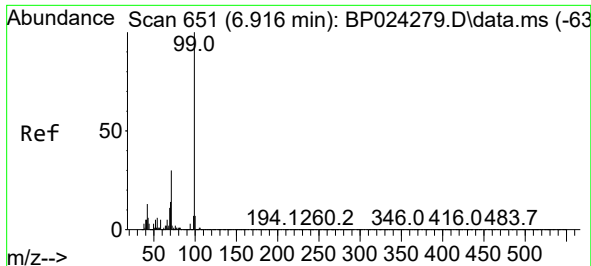
Tgt Ion:152 Resp: 110593
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 61.1 47.7 71.5



#5
2-Fluorophenol
Concen: 85.731 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

Tgt Ion:112 Resp: 573419
Ion Ratio Lower Upper
112 100
64 52.4 41.1 61.7
63 28.8 20.6 30.8

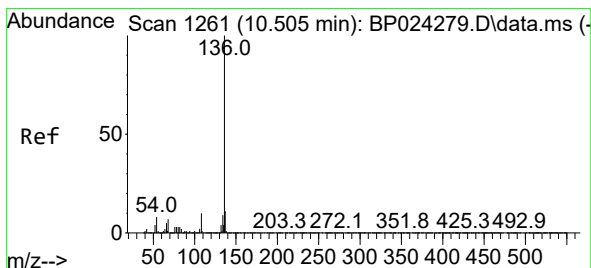
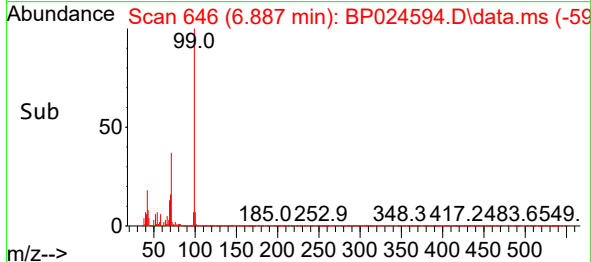
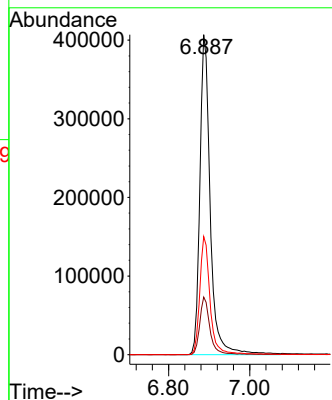
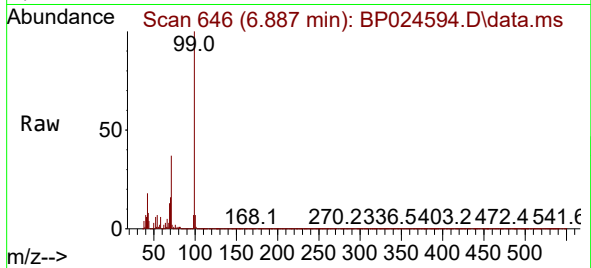




#7
Phenol-d6
Concen: 79.264 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

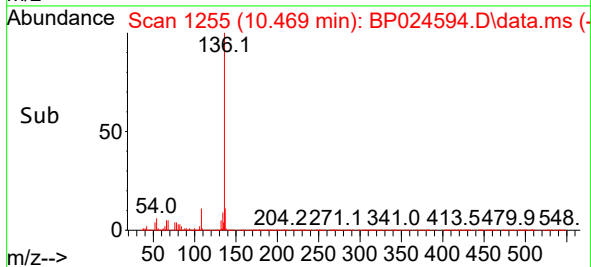
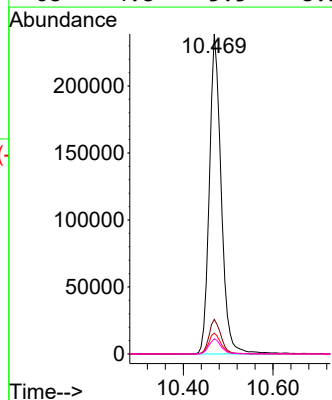
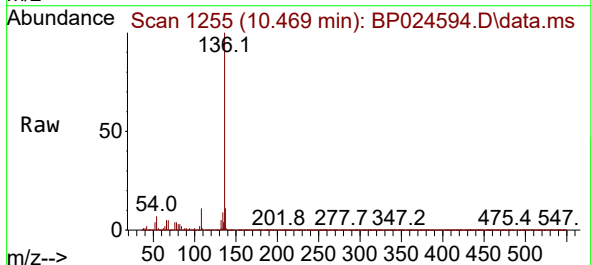
Instrument :
BNA_P
ClientSampleId :
COMP-10

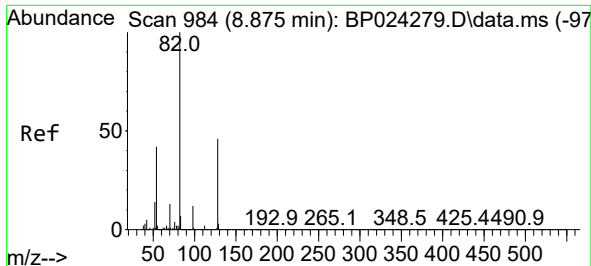
Tgt Ion: 99 Resp: 725945
Ion Ratio Lower Upper
99 100
42 18.0 10.6 16.0#
71 36.9 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

Tgt Ion:136 Resp: 437421
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.5 6.0 9.0
68 4.8 5.5 8.3#

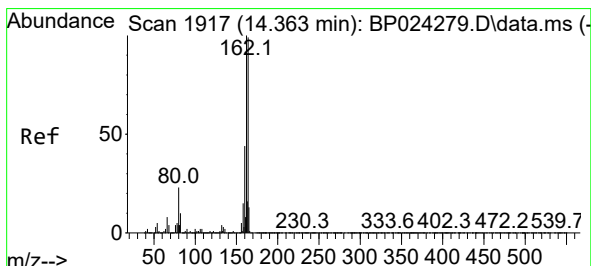
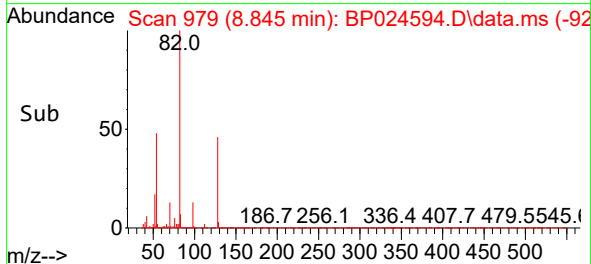
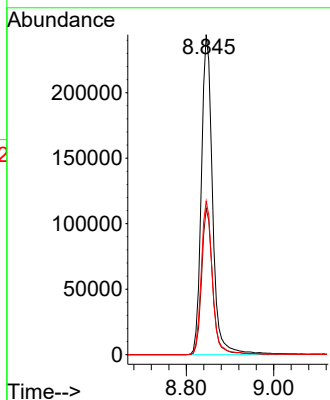
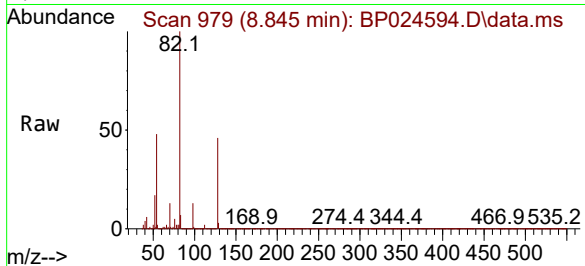




#23
Nitrobenzene-d5
Concen: 56.927 ng
RT: 8.845 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

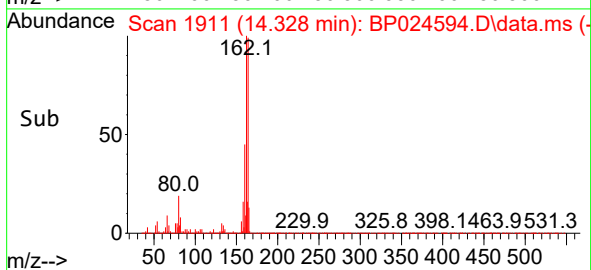
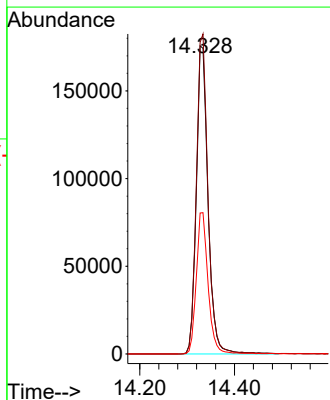
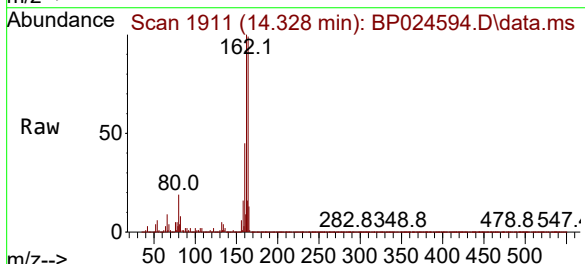
Instrument :
BNA_P
ClientSampleId :
COMP-10

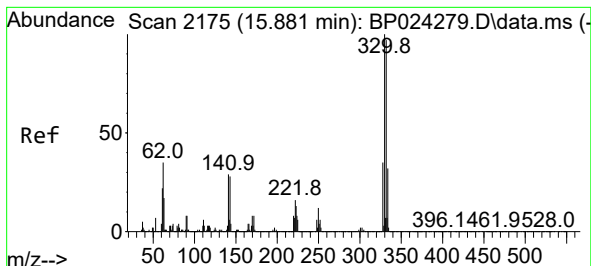
Tgt Ion: 82 Resp: 436700
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 48.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

Tgt Ion:164 Resp: 301552
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.8 35.3 52.9

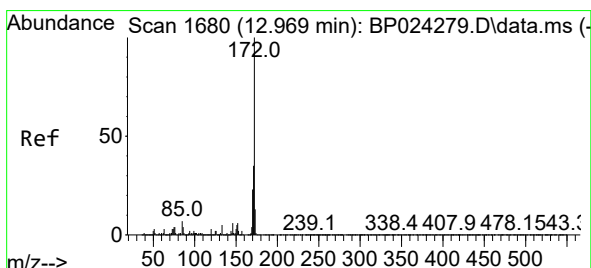
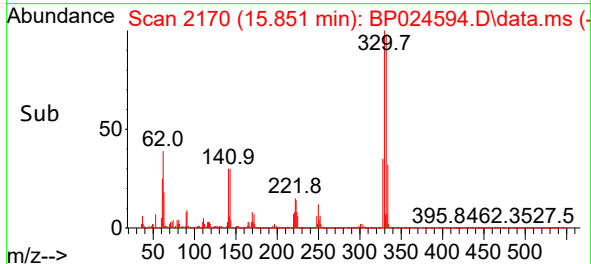
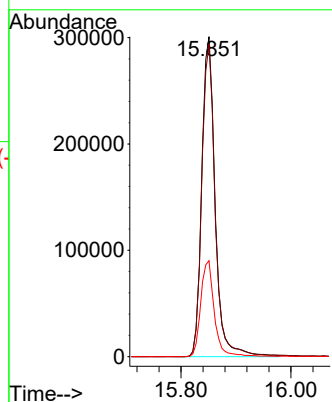
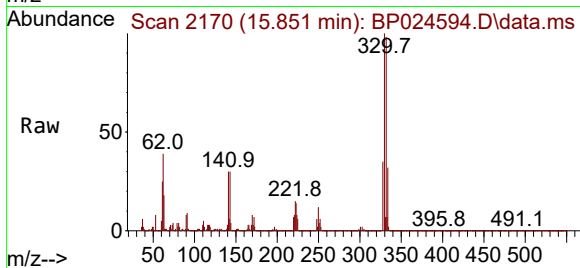




#42
2,4,6-Tribromophenol
Concen: 122.273 ng
RT: 15.851 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

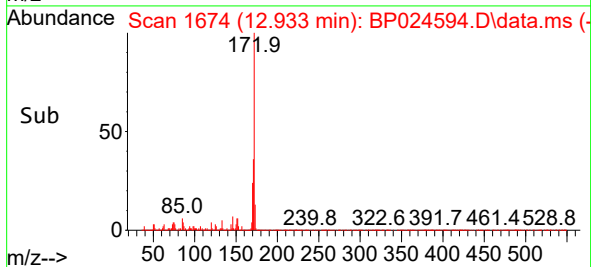
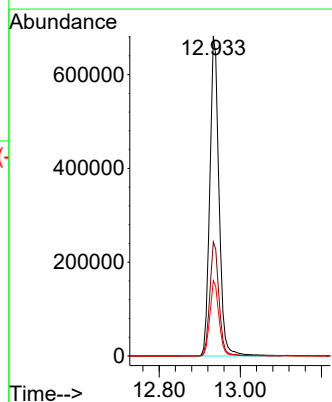
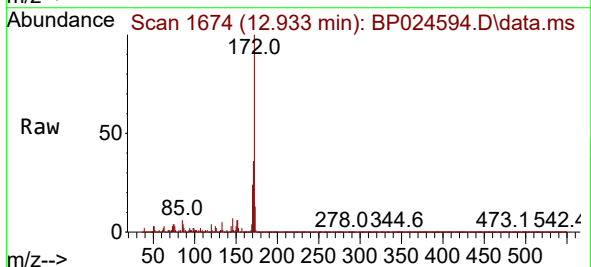
Instrument :
BNA_P
ClientSampleId :
COMP-10

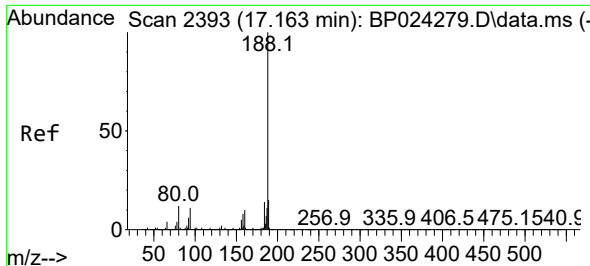
Tgt Ion:330 Resp: 510140
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 30.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 54.219 ng
RT: 12.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

Tgt Ion:172 Resp: 1067839
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.5 18.6 27.8

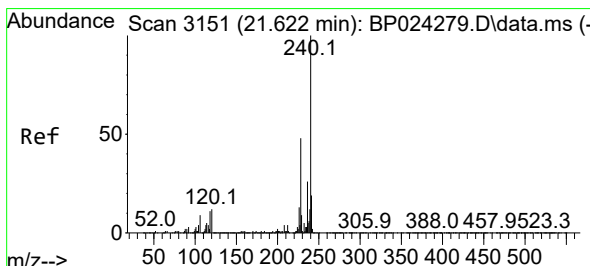
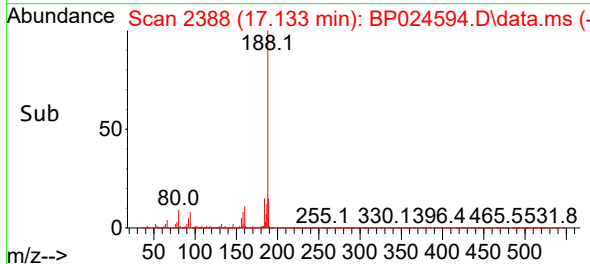
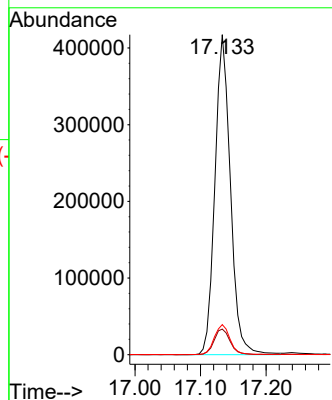
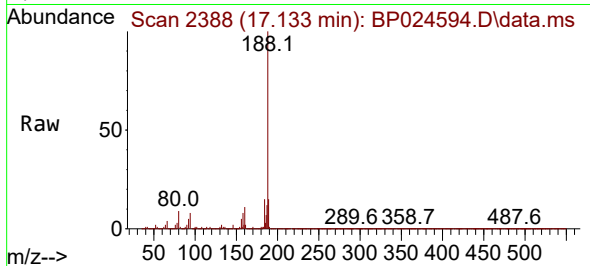




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

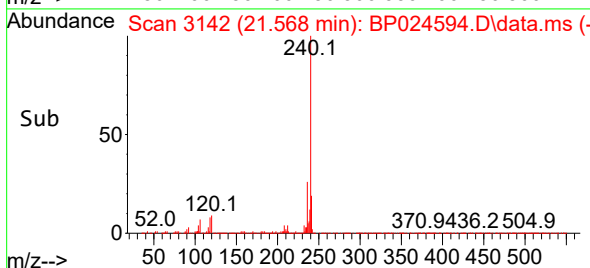
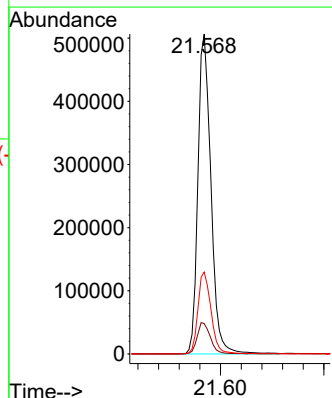
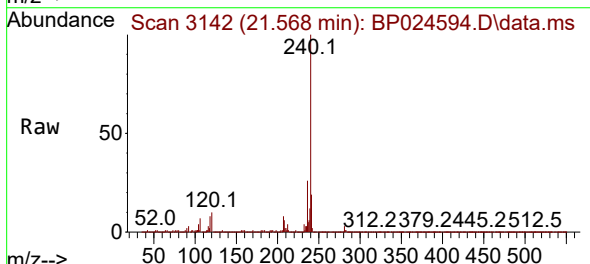
Instrument :
BNA_P
ClientSampleId :
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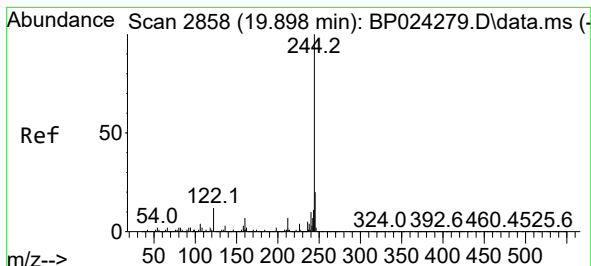
Tgt Ion:188 Resp: 683409
Ion Ratio Lower Upper
188 100
94 8.0 8.6 13.0#
80 9.4 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024594.D
Acq: 09 May 2025 17:08

Tgt Ion:240 Resp: 885510
Ion Ratio Lower Upper
240 100
120 9.5 9.8 14.8#
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 58.809 ng

RT: 19.857 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024594.D

Acq: 09 May 2025 17:08

Instrument :

BNA_P

ClientSampleId :

COMP-10

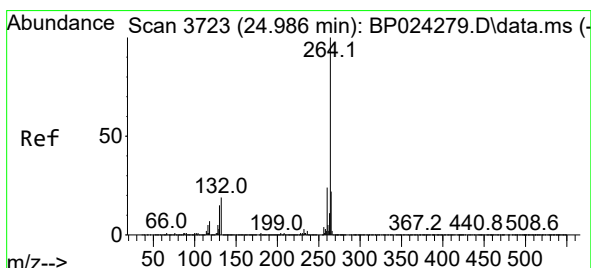
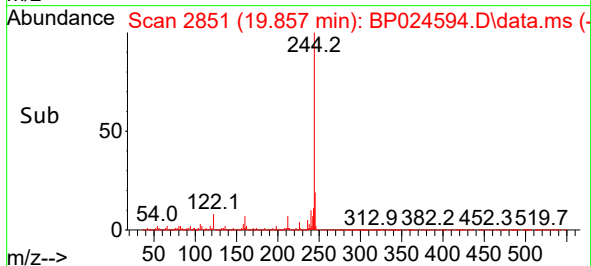
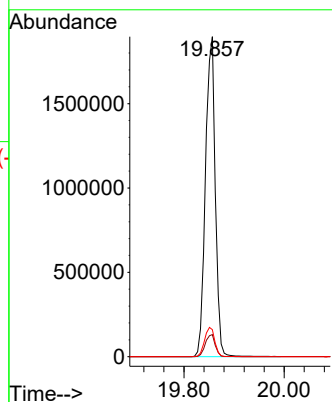
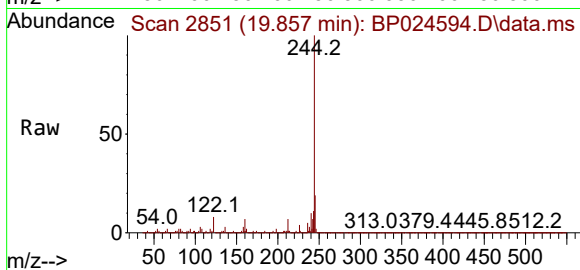
Tgt Ion:244 Resp: 2583600

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 8.4 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.892 min Scan# 3707

Delta R.T. 0.006 min

Lab File: BP024594.D

Acq: 09 May 2025 17:08

Tgt Ion:264 Resp: 1054519

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.4 17.8 26.6

