

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024599.D
 Acq On : 09 May 2025 20:31
 Operator : RC/JU
 Sample : Q1986-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-9

Quant Time: May 09 22:48:09 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)

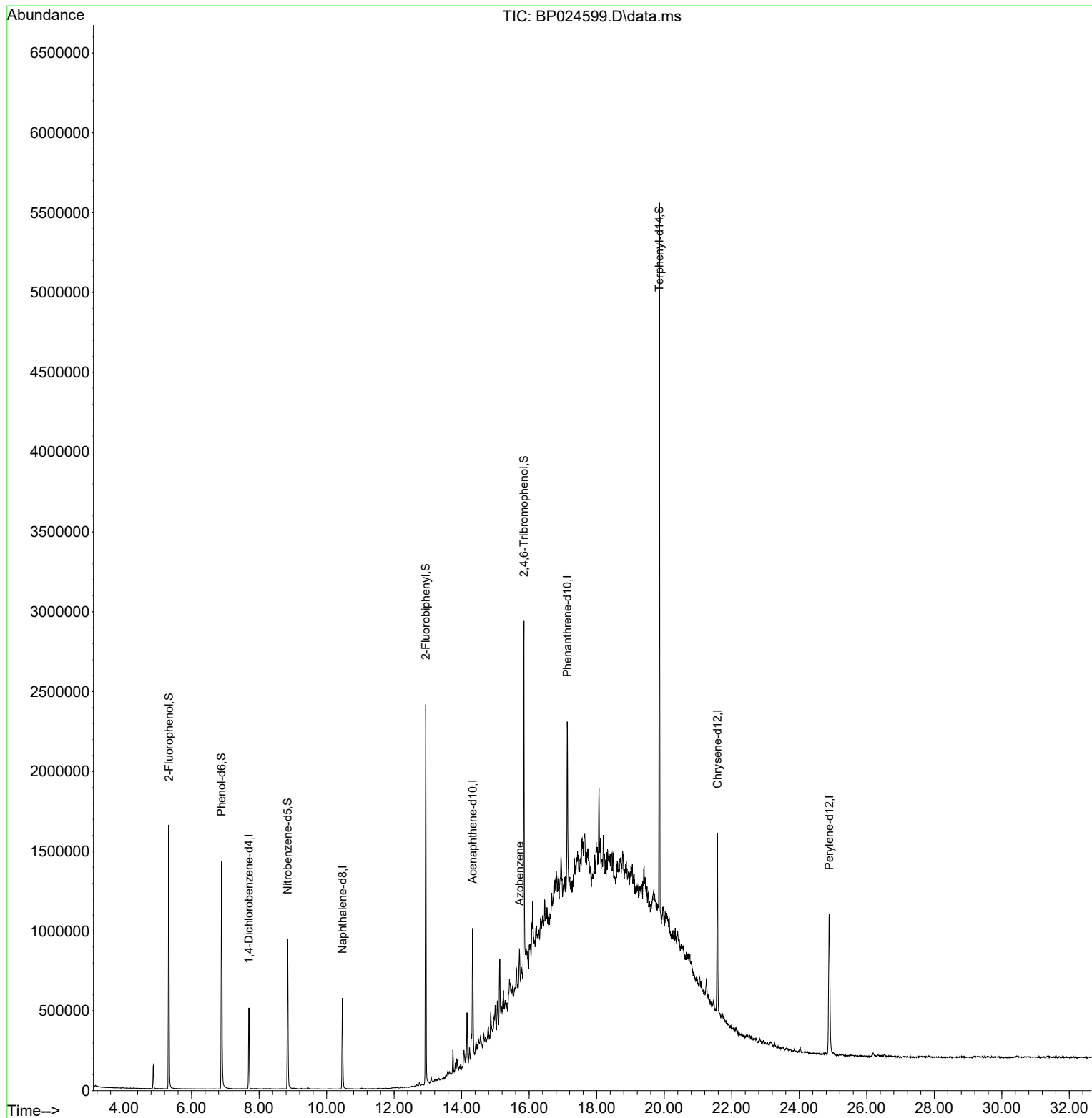
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	135454	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	511552	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	302996	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	572382	20.000	ng	0.00
76) Chrysene-d12	21.575	240	711906	20.000	ng	0.00
86) Perylene-d12	24.886	264	931820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	743665	90.777	ng	0.00
7) Phenol-d6	6.887	99	910893	81.204	ng	0.00
23) Nitrobenzene-d5	8.846	82	557305	62.121	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	454364	108.385	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	1207157	61.001	ng	0.00
79) Terphenyl-d14	19.857	244	2023559	57.294	ng	0.00
Target Compounds						
63) Azobenzene	15.716	77	62279	2.984	ng	Qvalue # 1

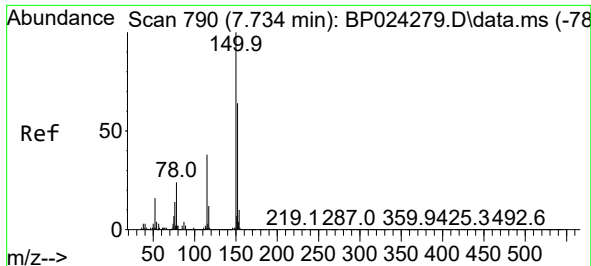
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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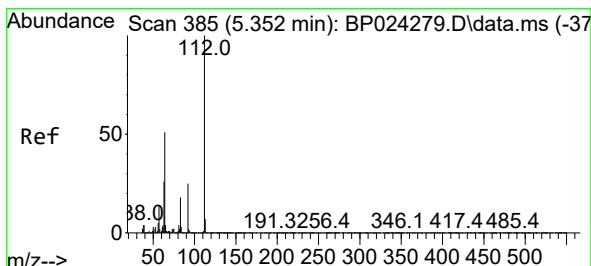
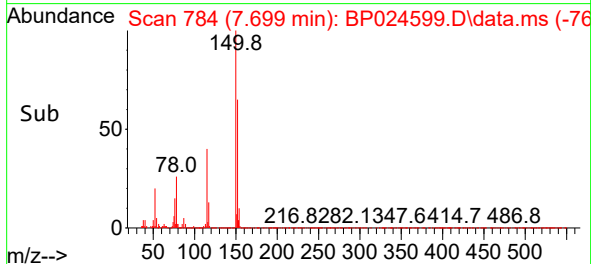
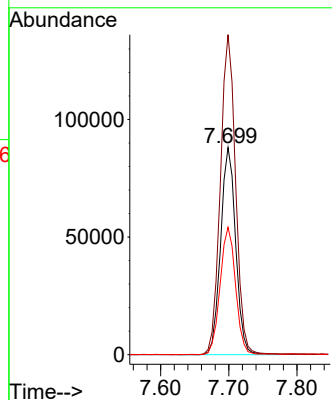
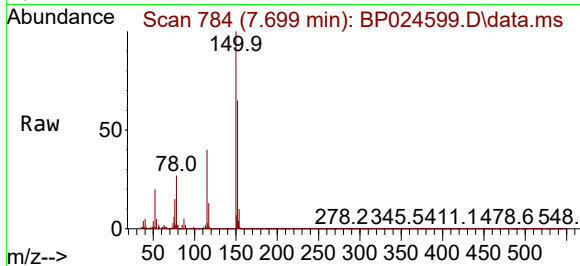




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

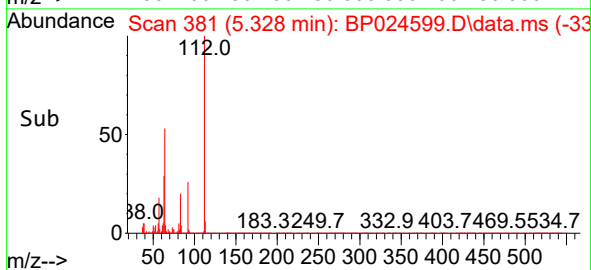
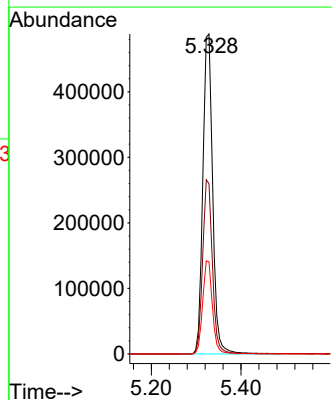
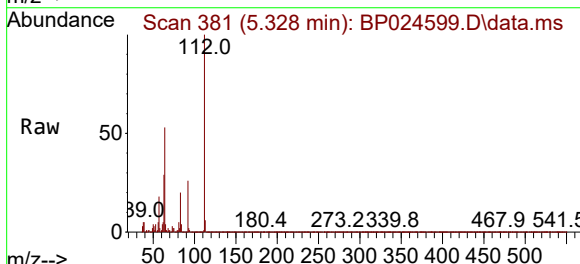
Instrument :
BNA_P
ClientSampleId :
COMP-9

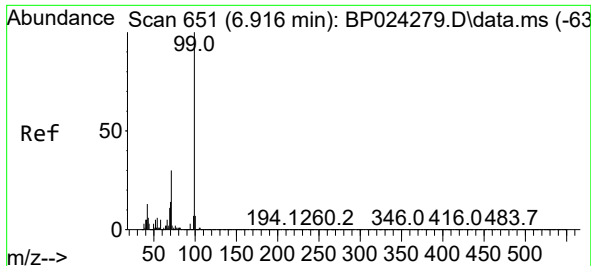
Tgt Ion:152 Resp: 135454
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 61.5 47.7 71.5



#5
2-Fluorophenol
Concen: 90.777 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

Tgt Ion:112 Resp: 743665
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 28.8 20.6 30.8

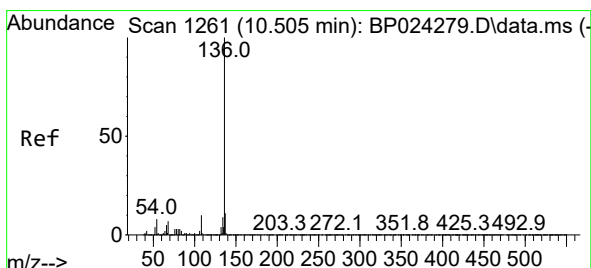
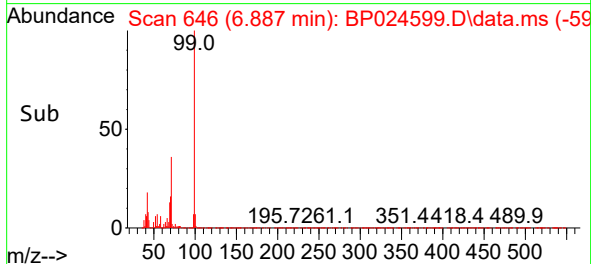
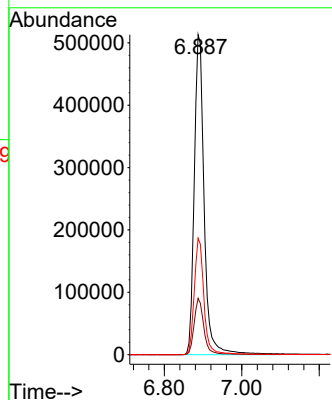
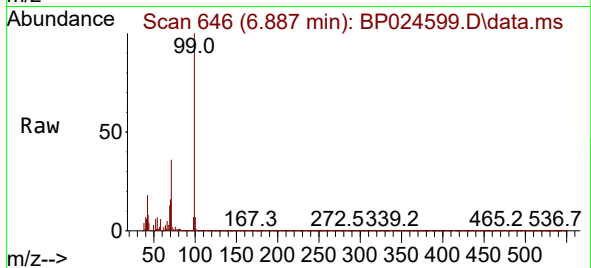




#7
Phenol-d6
Concen: 81.204 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.005 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

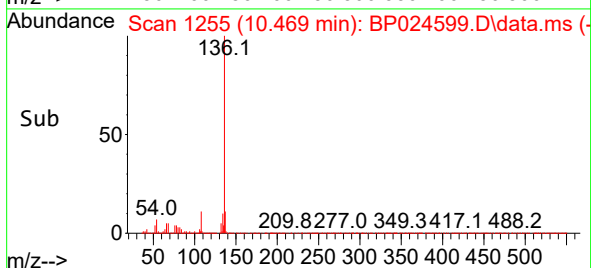
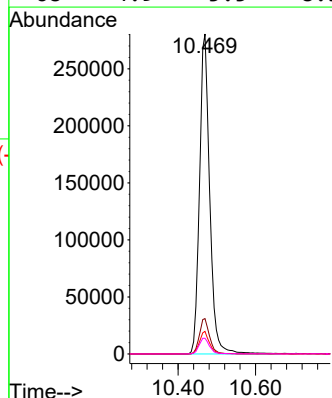
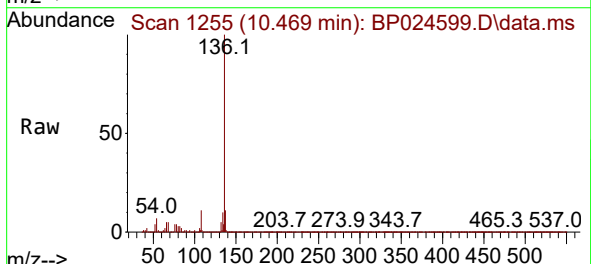
Instrument :
BNA_P
ClientSampleId :
COMP-9

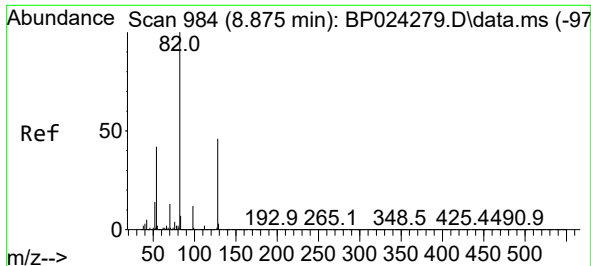
Tgt Ion: 99 Resp: 910893
Ion Ratio Lower Upper
99 100
42 17.6 10.6 16.0#
71 36.4 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

Tgt Ion: 136 Resp: 511552
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 4.9 5.5 8.3#

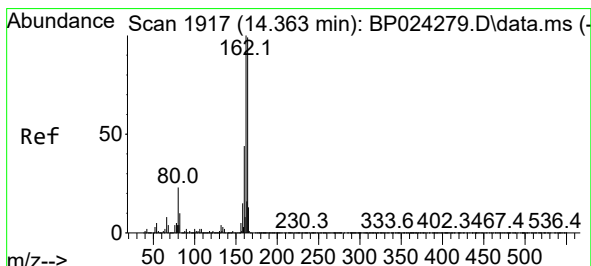
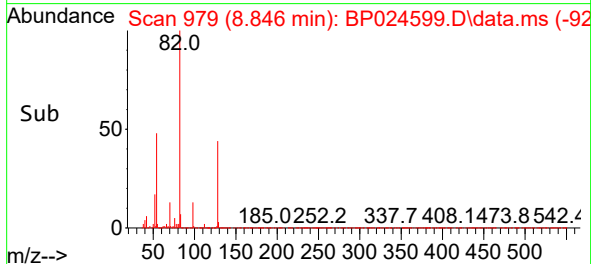
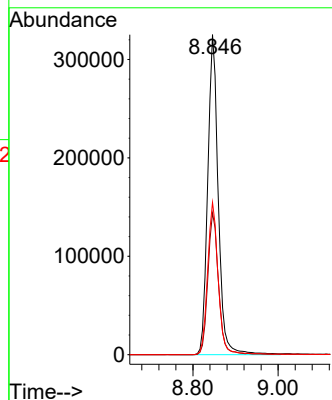
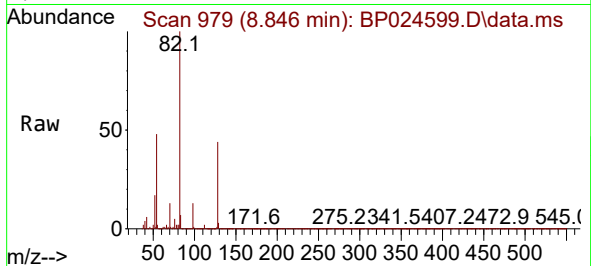




#23
Nitrobenzene-d5
Concen: 62.121 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

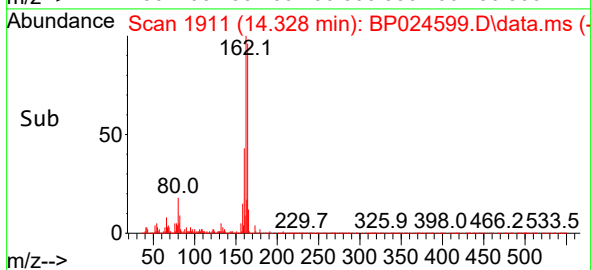
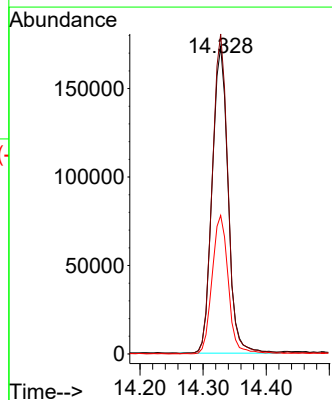
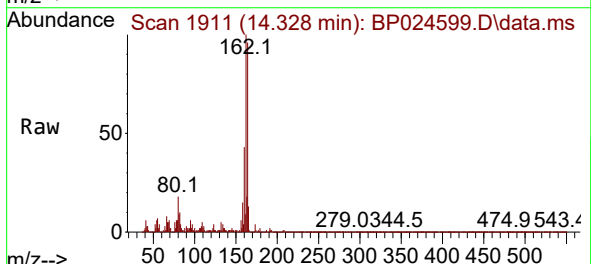
Instrument :
BNA_P
ClientSampleId :
COMP-9

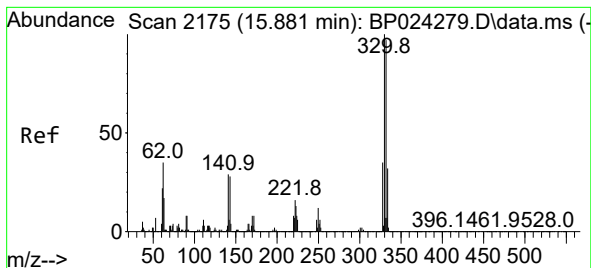
Tgt Ion: 82 Resp: 557305
Ion Ratio Lower Upper
82 100
128 44.3 36.5 54.7
54 47.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

Tgt Ion:164 Resp: 302996
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 45.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 108.385 ng

RT: 15.845 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024599.D

Acq: 09 May 2025 20:31

Instrument :

BNA_P

ClientSampleId :

COMP-9

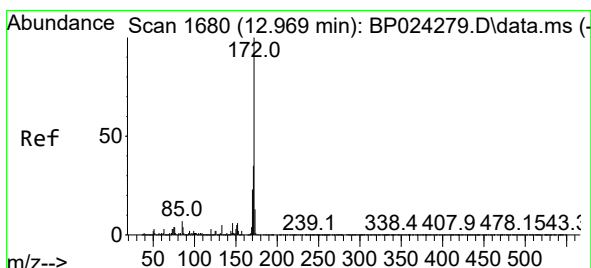
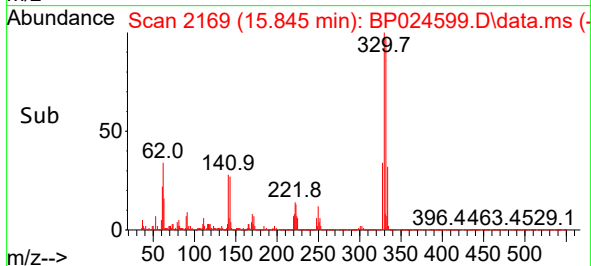
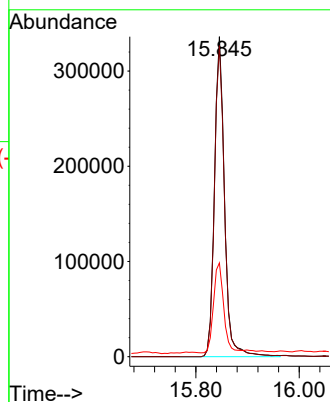
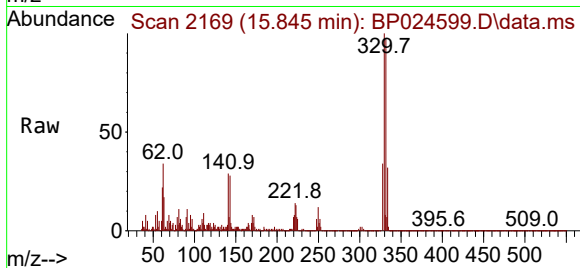
Tgt Ion:330 Resp: 454364

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 28.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 61.001 ng

RT: 12.934 min Scan# 1674

Delta R.T. -0.005 min

Lab File: BP024599.D

Acq: 09 May 2025 20:31

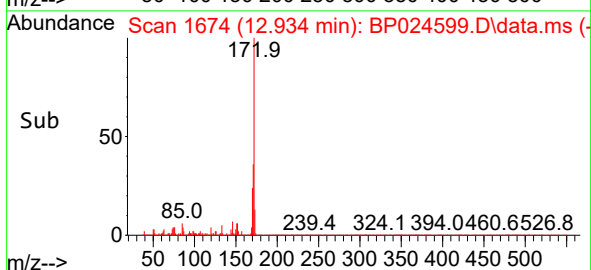
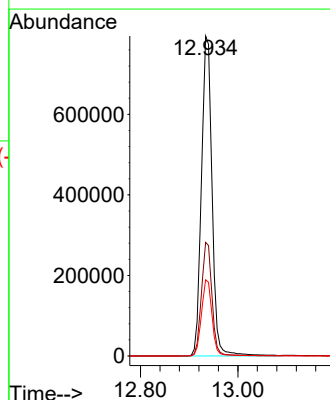
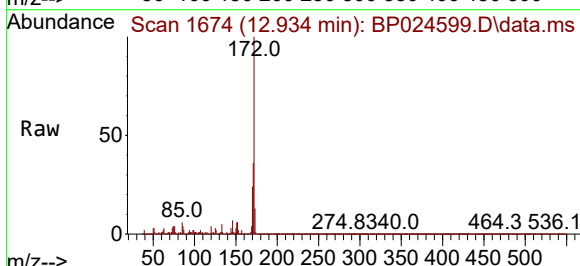
Tgt Ion:172 Resp: 1207157

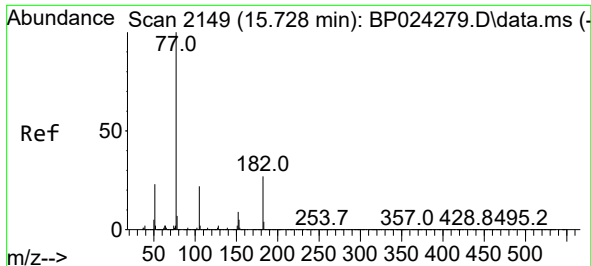
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.8 18.6 27.8

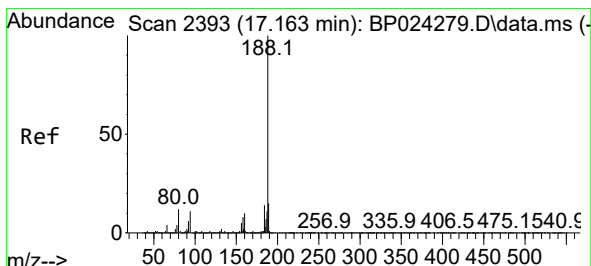
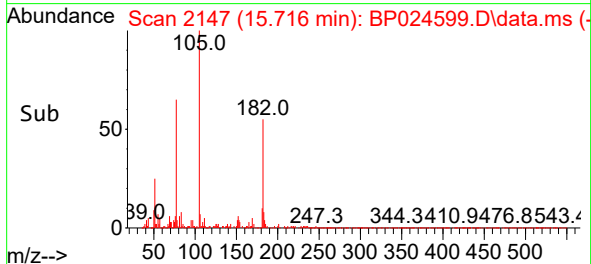
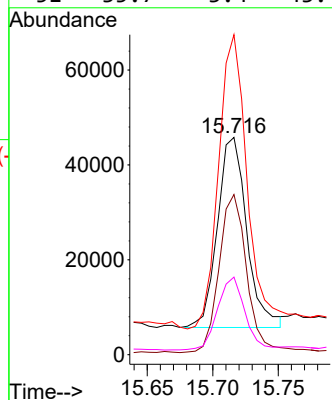
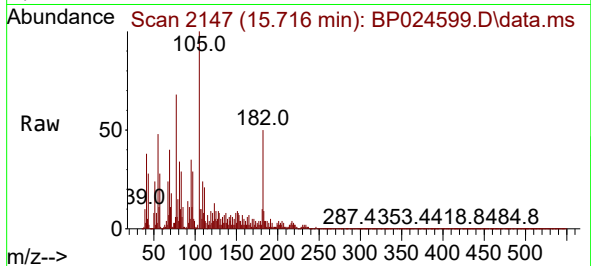




#63
Azobenzene
Concen: 2.984 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.024 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

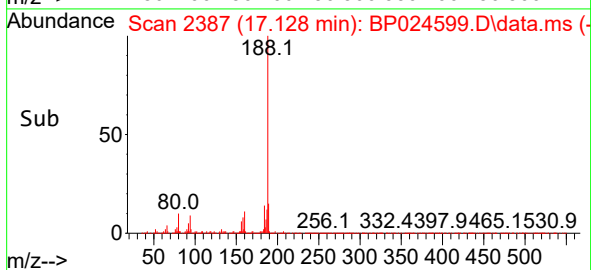
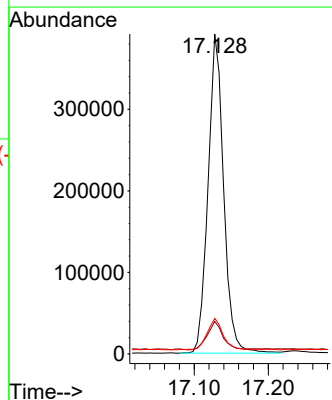
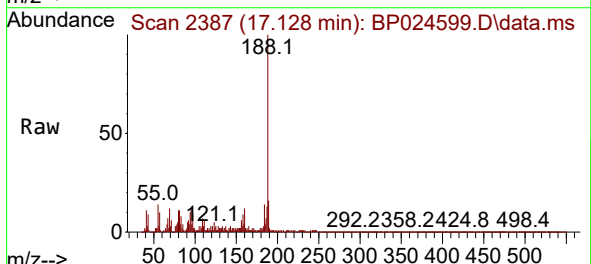
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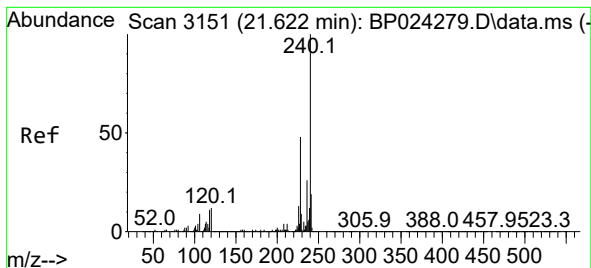
Tgt Ion: 77	Resp: 62279
Ion Ratio	Lower Upper
77	100
182	73.7 7.3 47.3#
105	147.3 2.3 42.3#
51	35.7 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BP024599.D
Acq: 09 May 2025 20:31

Tgt Ion: 188	Resp: 572382
Ion Ratio	Lower Upper
188	100
94	10.2 8.6 13.0
80	11.1 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024599.D

Acq: 09 May 2025 20:31

Instrument :

BNA_P

ClientSampleId :

COMP-9

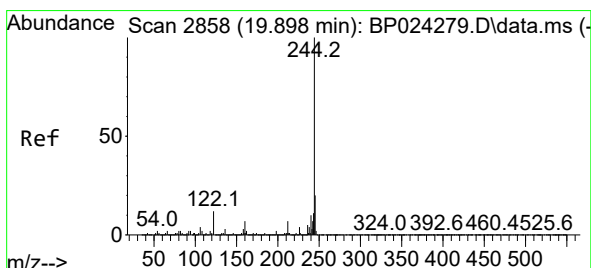
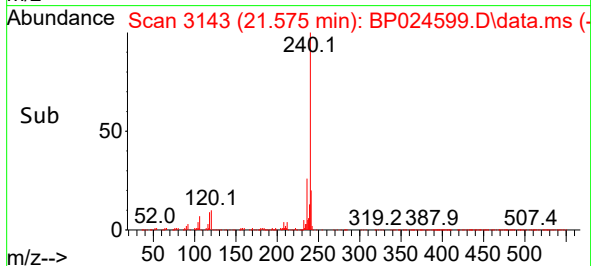
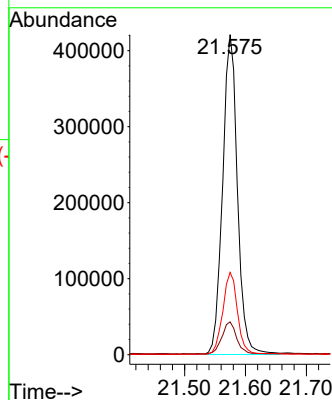
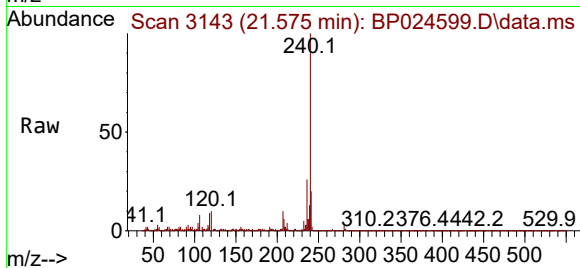
Tgt Ion:240 Resp: 711906

Ion Ratio Lower Upper

240 100

120 10.3 9.8 14.8

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 57.294 ng

RT: 19.857 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP024599.D

Acq: 09 May 2025 20:31

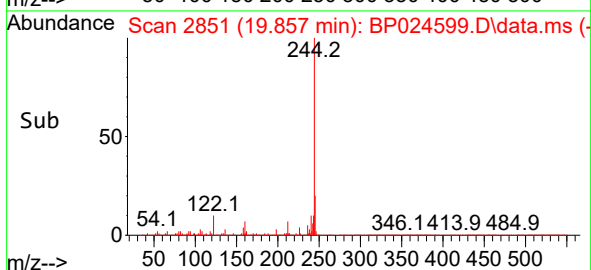
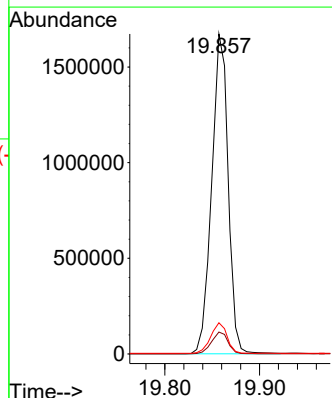
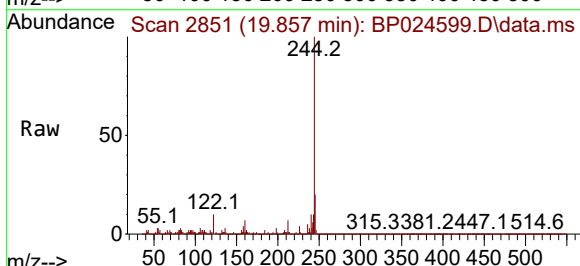
Tgt Ion:244 Resp: 2023559

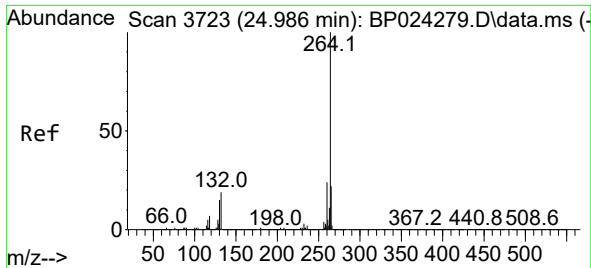
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.8 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.886 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP024599.D
 Acq: 09 May 2025 20:31

Instrument :
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Tgt Ion:264 Resp: 931820
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.6 17.8 26.6

