

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024517.D
 Acq On : 02 May 2025 20:25
 Operator : RC/JU
 Sample : Q1932-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-6

Quant Time: May 02 23:46:42 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	7.705	152	141906	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	583050	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	371504	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	773162	20.000	ng	0.00
76) Chrysene-d12	21.592	240	911313	20.000	ng	# 0.00
86) Perylene-d12	24.951	264	1079795	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	606378	70.654	ng	-0.02
7) Phenol-d6	6.899	99	769913	65.515	ng	-0.01
23) Nitrobenzene-d5	8.857	82	447529	43.767	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	455316	88.584	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	959620	39.550	ng	-0.01
79) Terphenyl-d14	19.875	244	1934567	42.789	ng	0.00

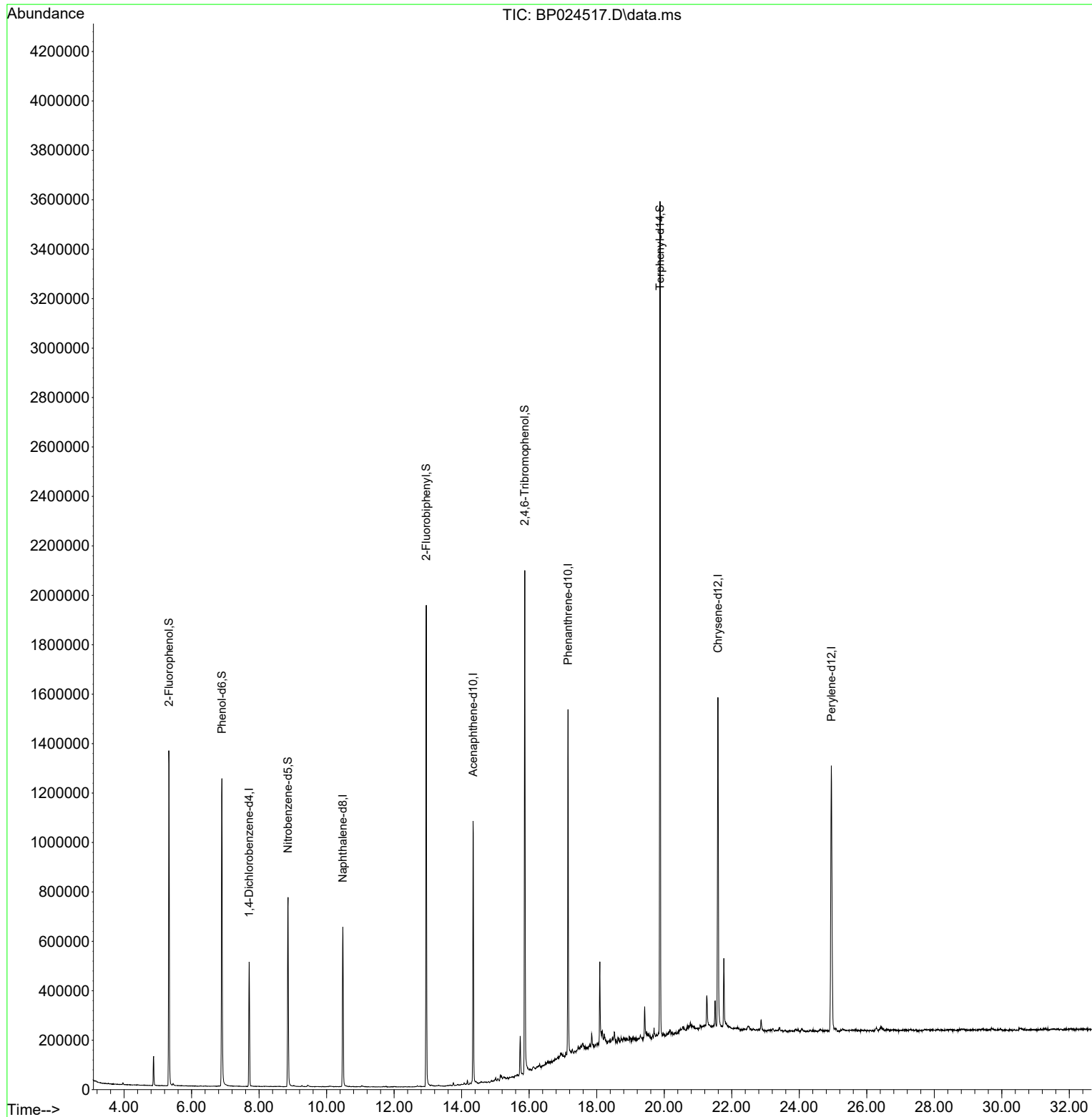
Target Compounds	Qvalue

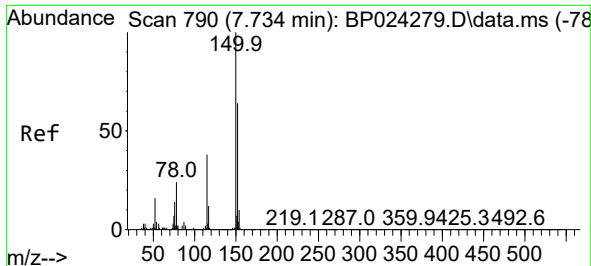
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024517.D
Acq On : 02 May 2025 20:25
Operator : RC/JU
Sample : Q1932-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-6

Quant Time: May 02 23:46:42 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

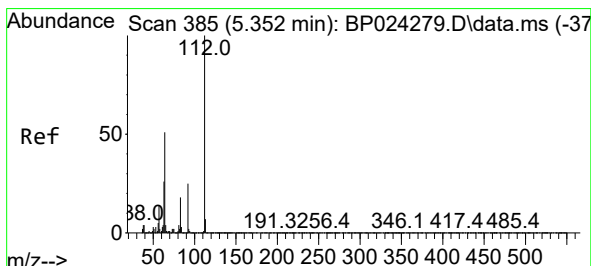
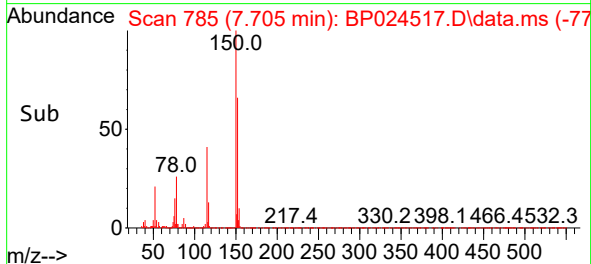
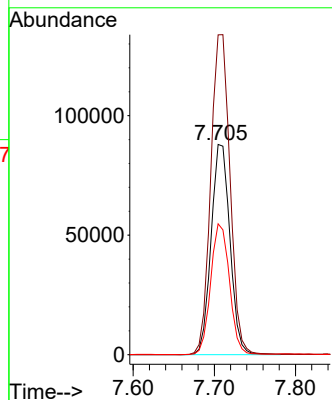
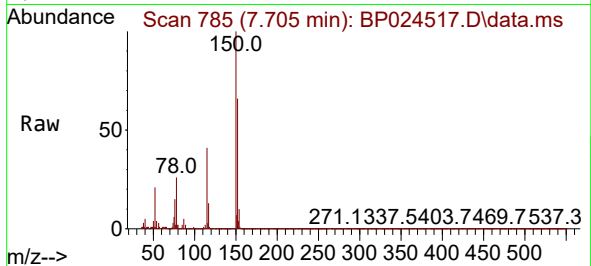




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024517.D
Acq: 02 May 2025 20:25

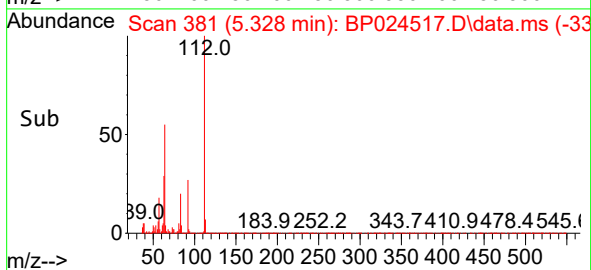
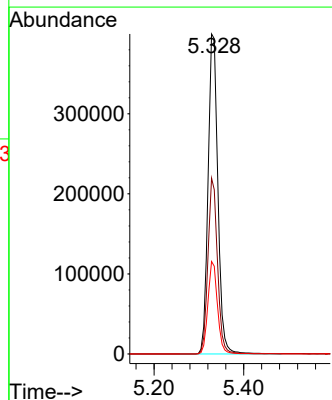
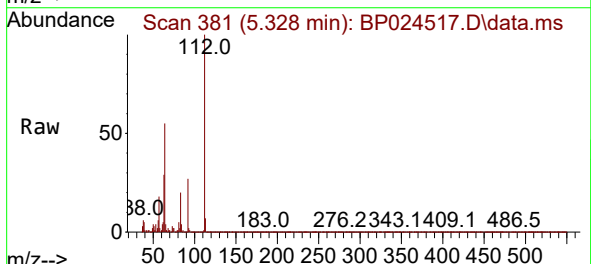
Instrument :
BNA_P
ClientSampleId :
COMP-6

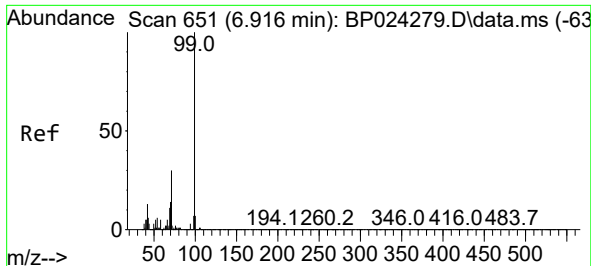
Tgt Ion:152 Resp: 141906
Ion Ratio Lower Upper
152 100
150 152.2 124.9 187.3
115 62.3 47.7 71.5



#5
2-Fluorophenol
Concen: 70.654 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024517.D
Acq: 02 May 2025 20:25

Tgt Ion:112 Resp: 606378
Ion Ratio Lower Upper
112 100
64 55.0 41.1 61.7
63 28.9 20.6 30.8





#7

Phenol-d6

Concen: 65.515 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Instrument :

BNA_P

ClientSampleId :

COMP-6

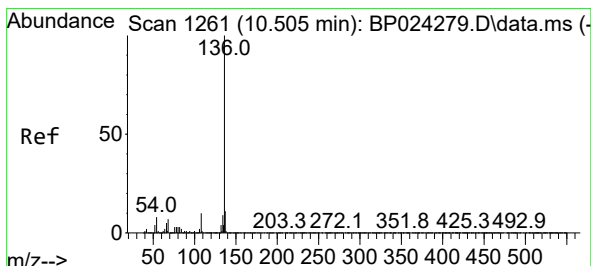
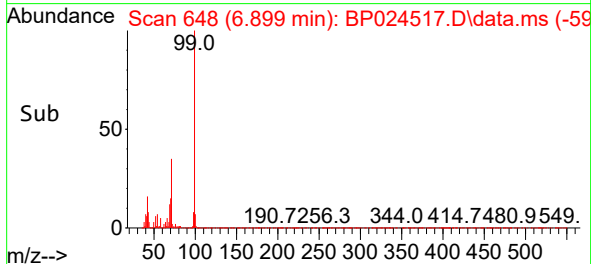
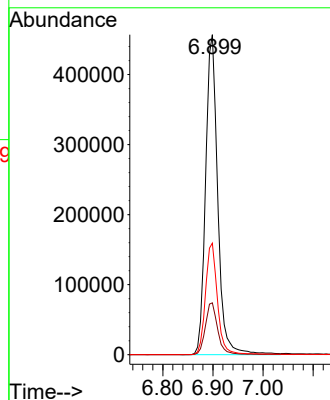
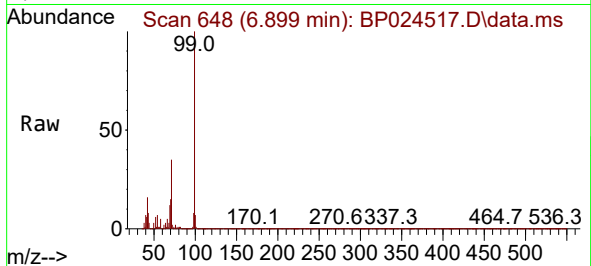
Tgt Ion: 99 Resp: 769913

Ion Ratio Lower Upper

99 100

42 16.2 10.6 16.0#

71 34.8 23.7 35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1257

Delta R.T. -0.018 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Tgt Ion:136 Resp: 583050

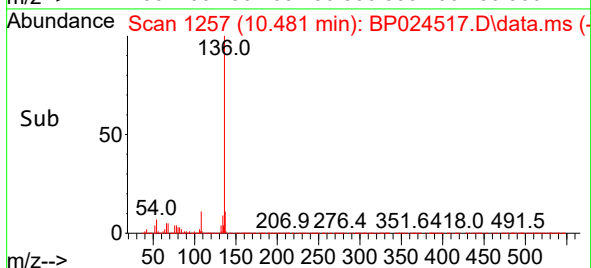
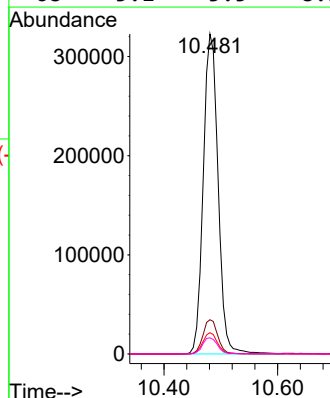
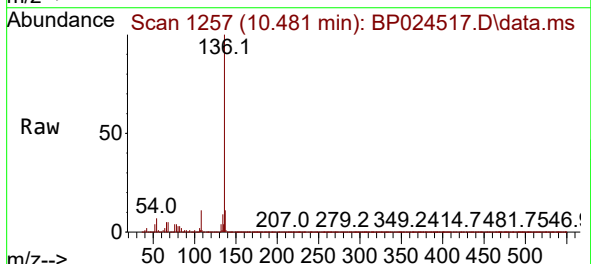
Ion Ratio Lower Upper

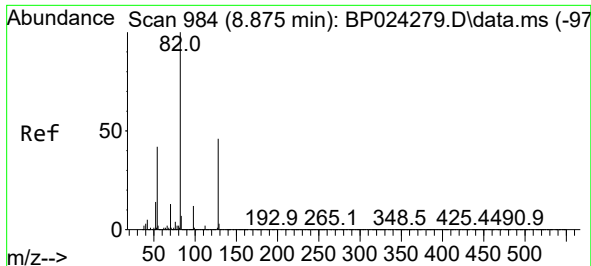
136 100

137 10.7 9.2 13.8

54 6.7 6.0 9.0

68 5.1 5.5 8.3#

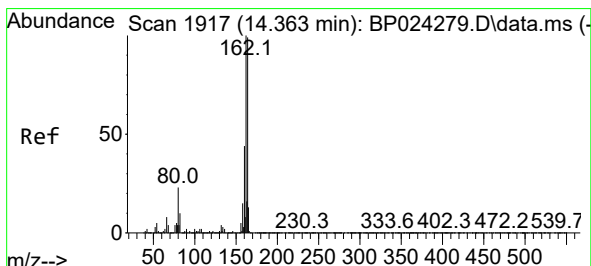
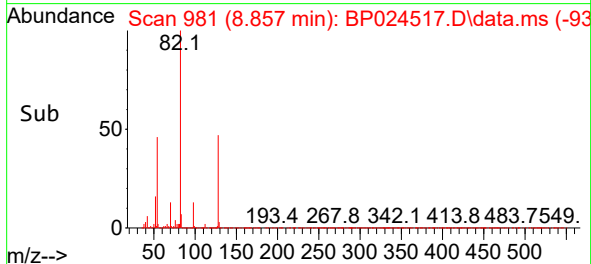
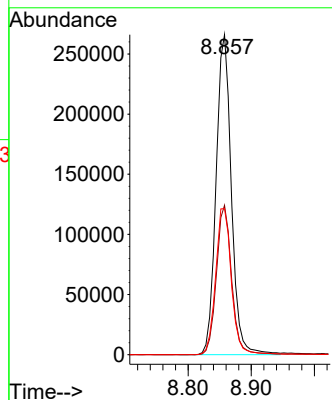
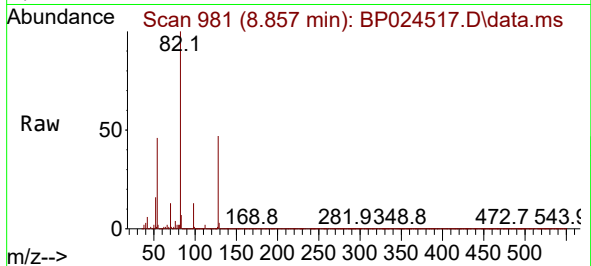




#23
Nitrobenzene-d5
Concen: 43.767 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024517.D
Acq: 02 May 2025 20:25

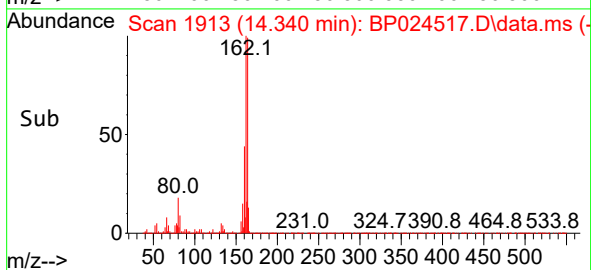
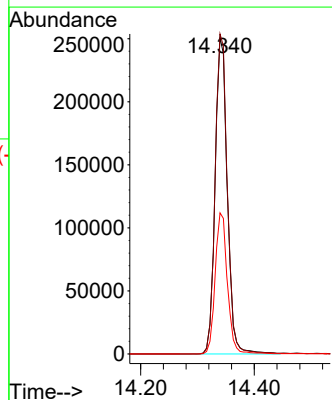
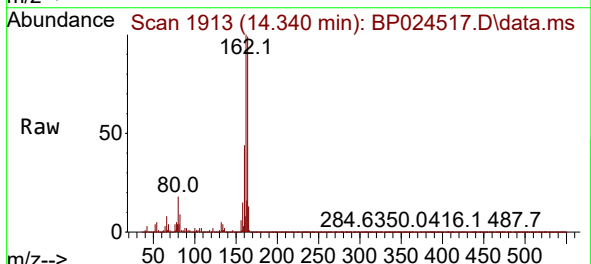
Instrument :
BNA_P
ClientSampleId :
COMP-6

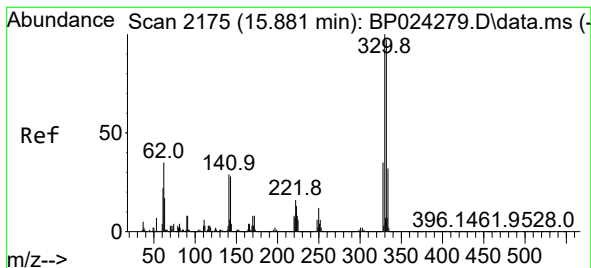
Tgt Ion: 82 Resp: 447529
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 45.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024517.D
Acq: 02 May 2025 20:25

Tgt Ion: 164 Resp: 371504
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 88.584 ng

RT: 15.869 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Instrument :

BNA_P

ClientSampleId :

COMP-6

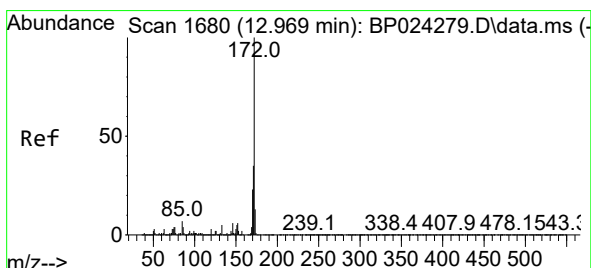
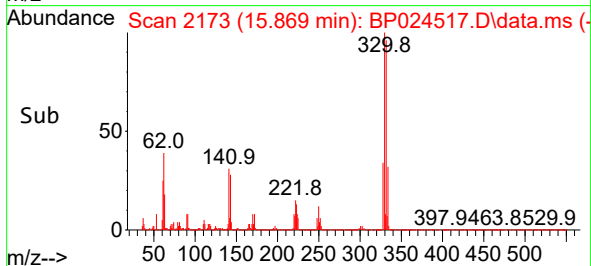
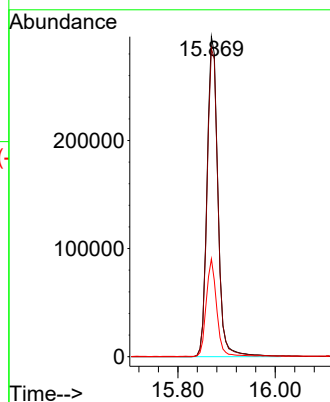
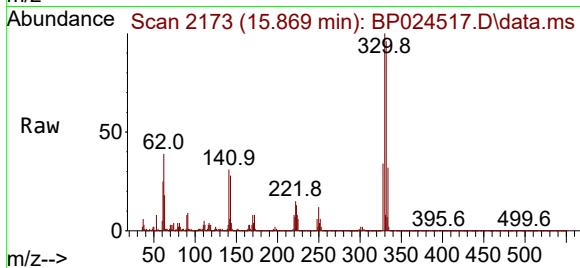
Tgt Ion:330 Resp: 455316

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 29.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 39.550 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

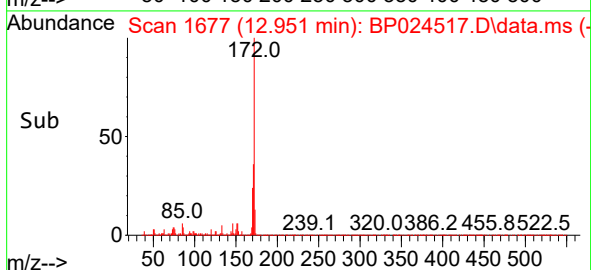
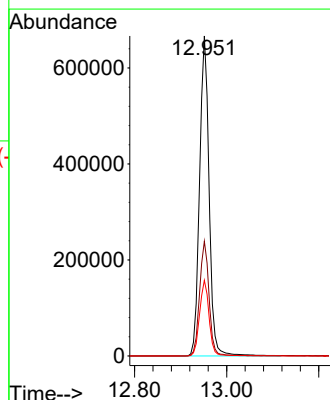
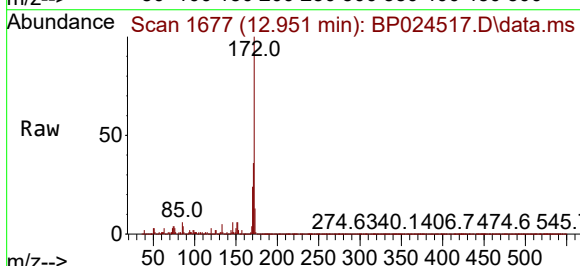
Tgt Ion:172 Resp: 959620

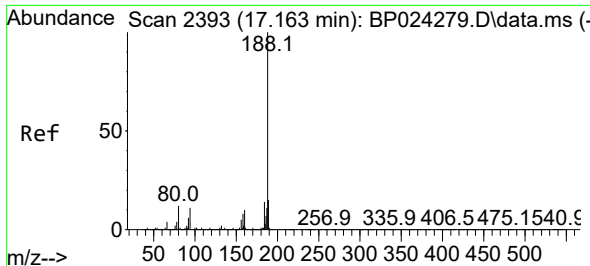
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.6 18.6 27.8

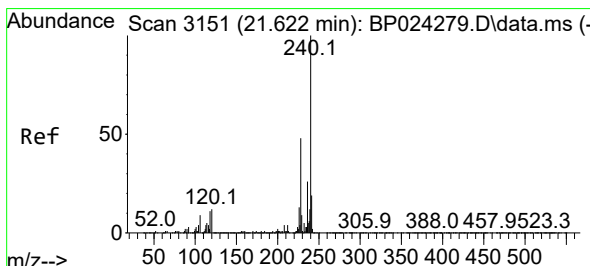
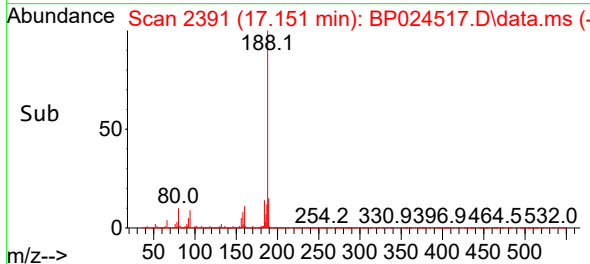
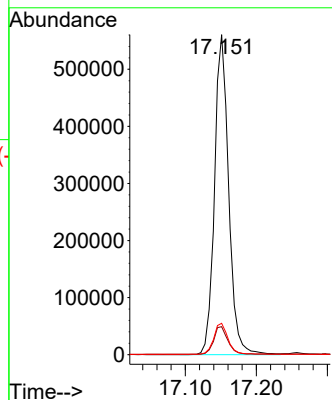
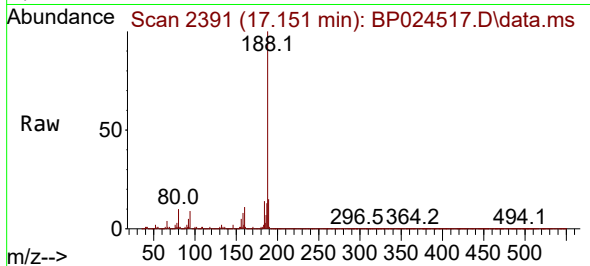




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024517.D
Acq: 02 May 2025 20:25

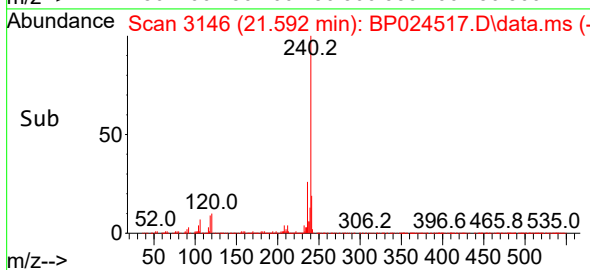
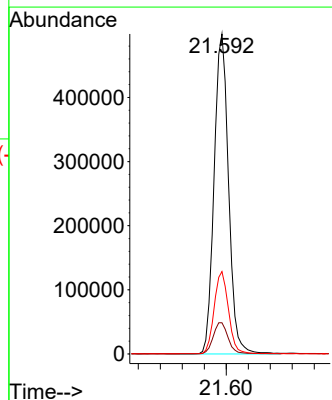
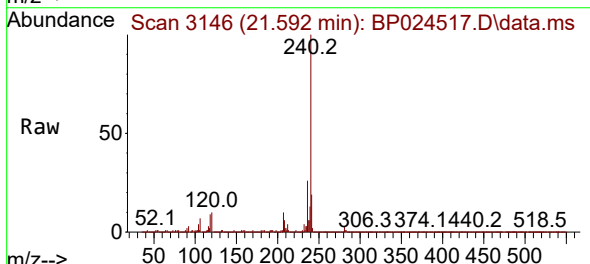
Instrument :
BNA_P
ClientSampleId :
COMP-6

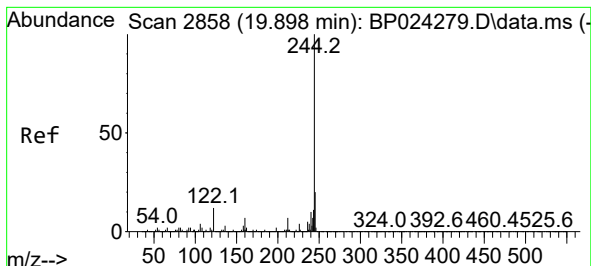
Tgt Ion:188 Resp: 773162
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 9.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024517.D
Acq: 02 May 2025 20:25

Tgt Ion:240 Resp: 911313
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 42.789 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Instrument :

BNA_P

ClientSampleId :

COMP-6

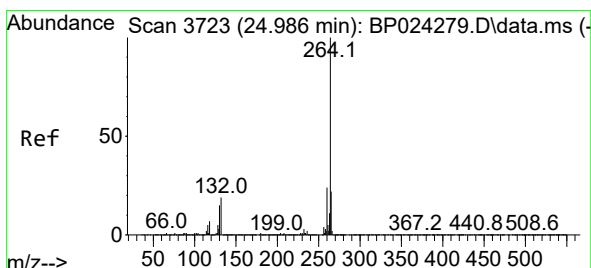
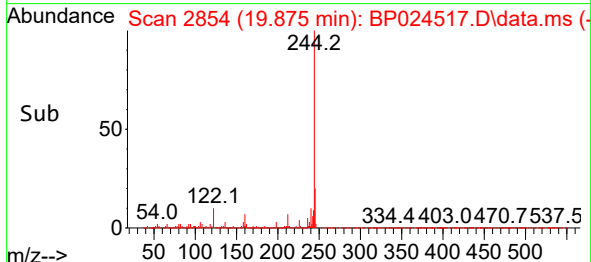
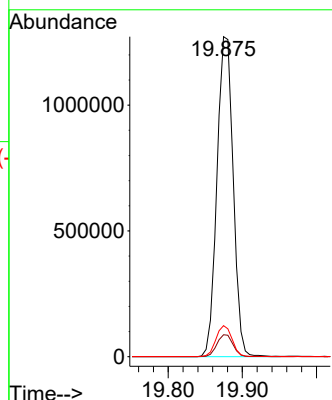
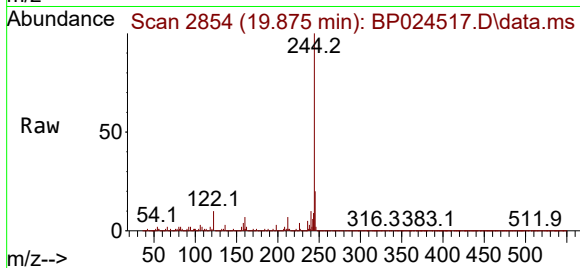
Tgt Ion:244 Resp: 1934567

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Tgt Ion:264 Resp: 1079795

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.8 26.6

