

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024241.D
 Acq On : 09 Apr 2025 19:03
 Operator : RC/JU
 Sample : Q1747-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0008

Quant Time: Apr 10 01:00:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

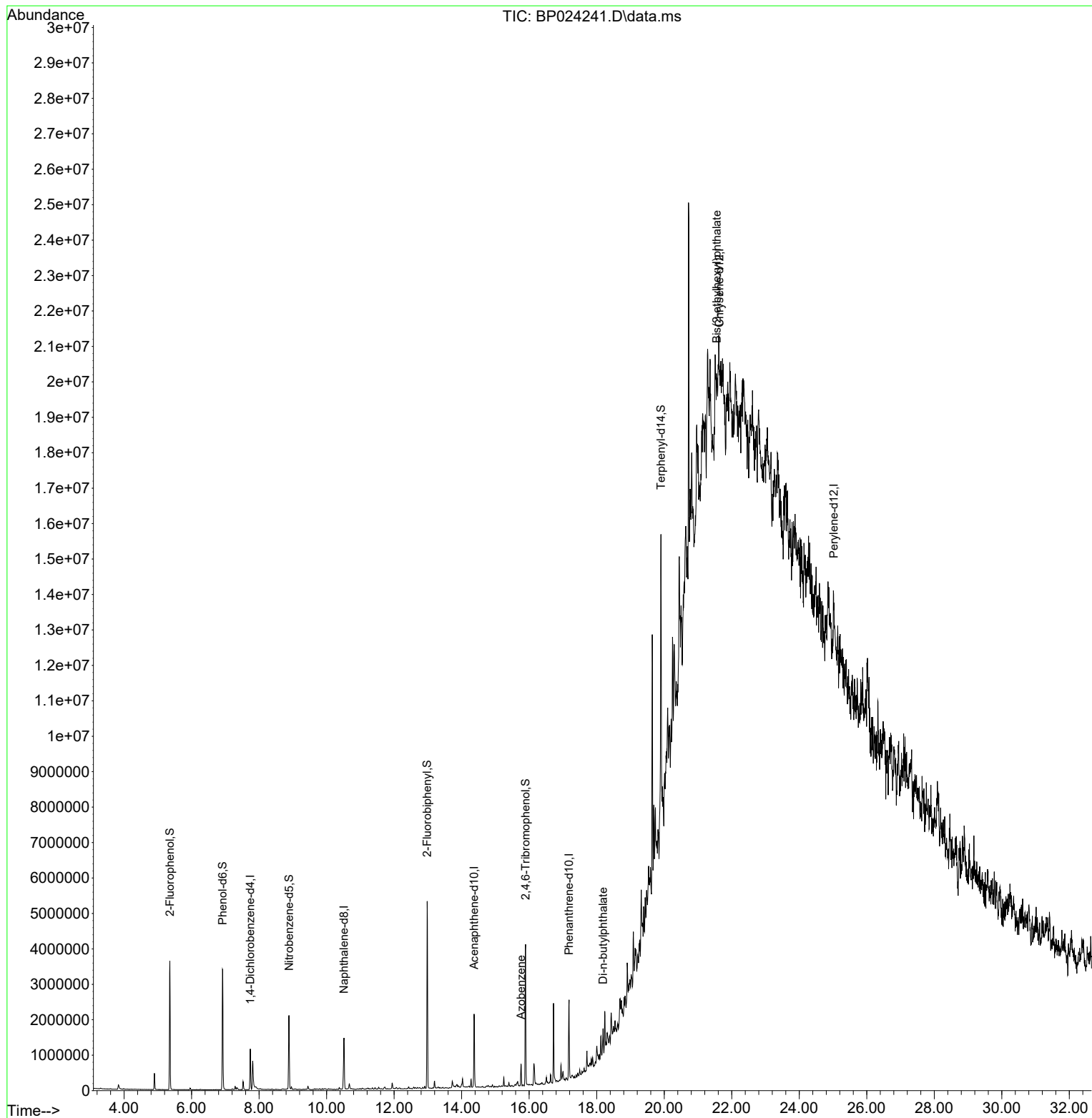
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	306203	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1214837	20.000	ng	-0.04
39) Acenaphthene-d10	14.369	164	709478	20.000	ng	-0.04
64) Phenanthrene-d10	17.181	188	1322269	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1313058	20.000	ng	-0.02
86) Perylene-d12	25.027	264	1666243	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1636799	85.329	ng	-0.02
7) Phenol-d6	6.916	99	2087614	81.383	ng	-0.04
23) Nitrobenzene-d5	8.887	82	1247126	57.921	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	785672	87.914	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	2573274	53.481	ng	-0.04
79) Terphenyl-d14	19.904	244	3325788	52.284	ng	-0.02
Target Compounds						
63) Azobenzene	15.757	77	185117	3.973	ng	Qvalue # 1
74) Di-n-butylphthalate	18.186	149	466209	5.788	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	280071	5.514	ng	# 74

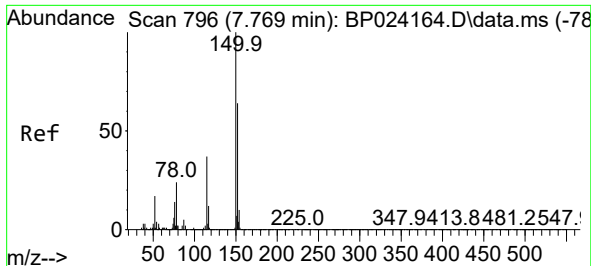
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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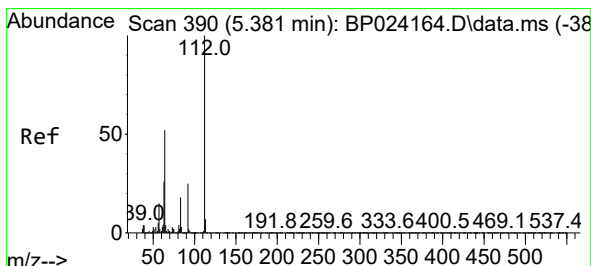
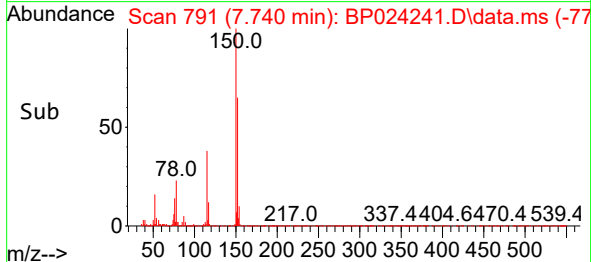
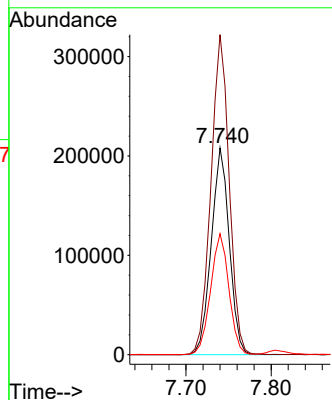
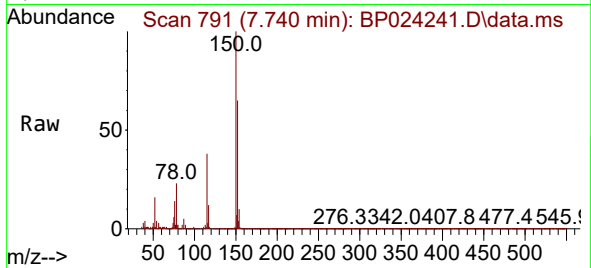




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

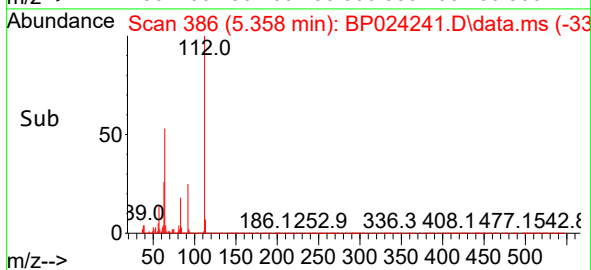
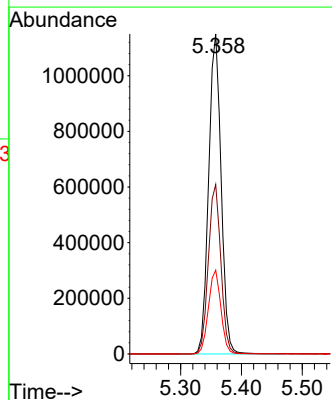
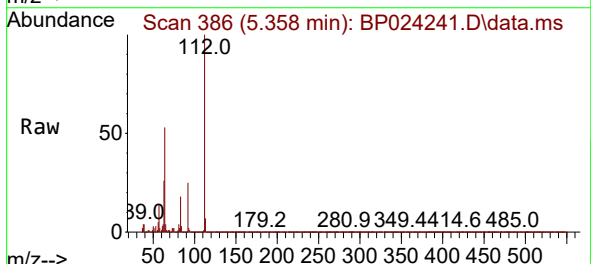
Instrument :
BNA_P
ClientSampleId :
ARS20-0008

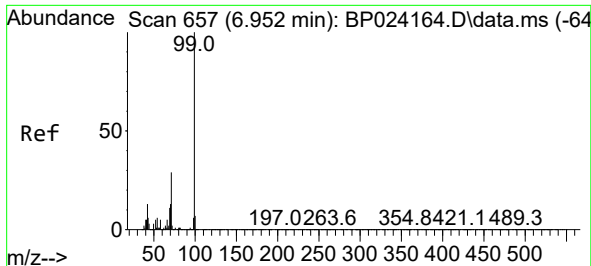
Tgt Ion:152 Resp: 306203
Ion Ratio Lower Upper
152 100
150 154.7 125.5 188.3
115 58.5 46.3 69.5



#5
2-Fluorophenol
Concen: 85.329 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

Tgt Ion:112 Resp: 1636799
Ion Ratio Lower Upper
112 100
64 53.0 41.3 61.9
63 26.2 20.6 31.0



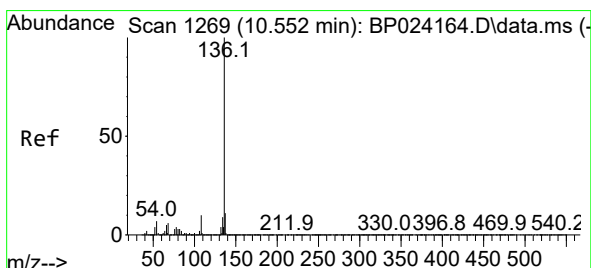
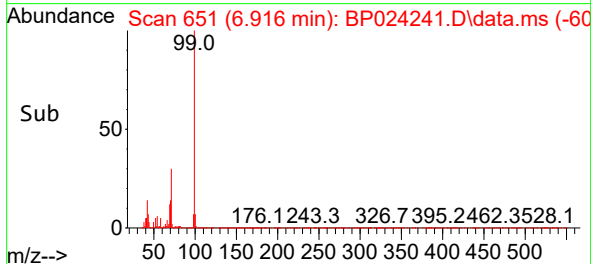
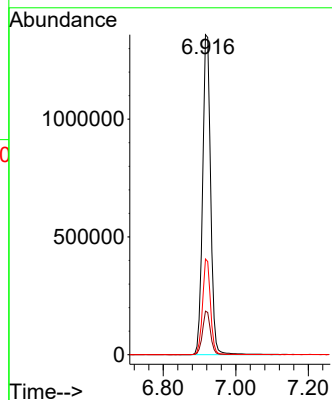
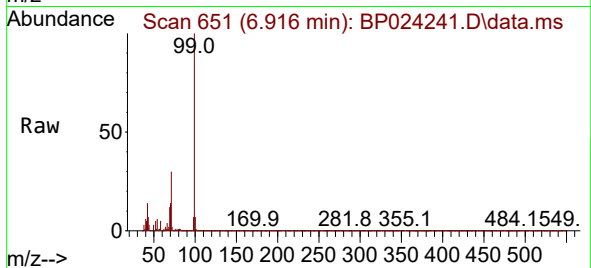


#7
Phenol-d6
Concen: 81.383 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

Instrument :
BNA_P
ClientSampleId :
ARS20-0008

Tgt Ion: 99 Resp: 2087614

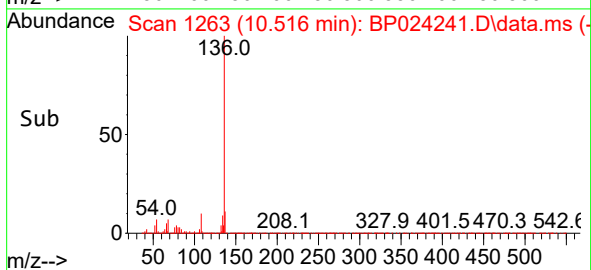
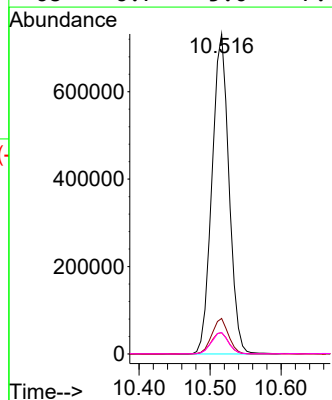
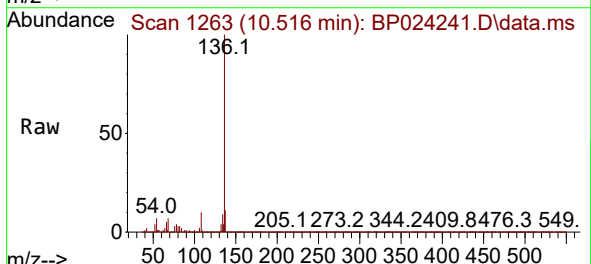
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	29.9	23.3	34.9

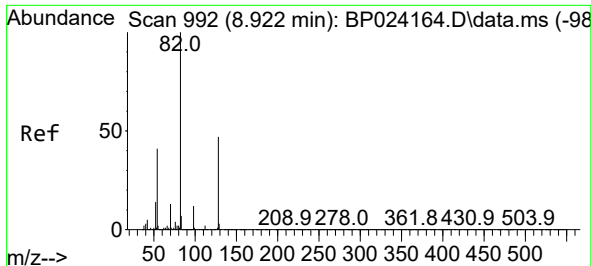


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

Tgt Ion: 136 Resp: 1214837

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.3	7.9
68	6.7	5.0	7.4

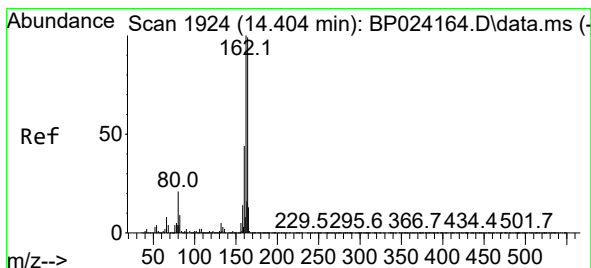
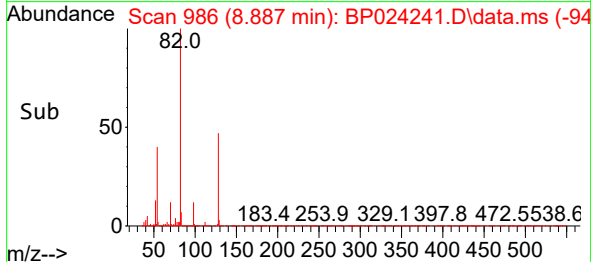
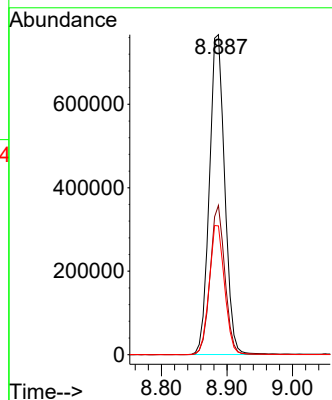
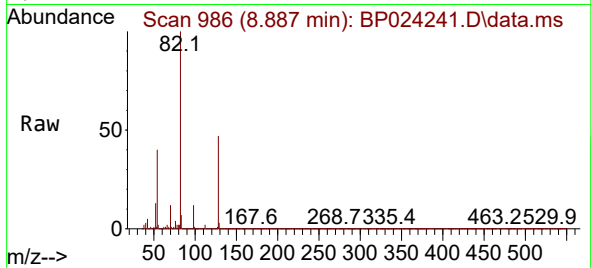




#23
Nitrobenzene-d5
Concen: 57.921 ng
RT: 8.887 min Scan# 918
Delta R.T. -0.035 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

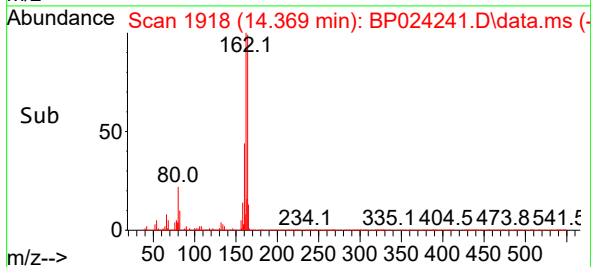
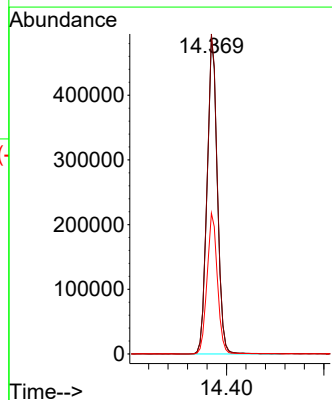
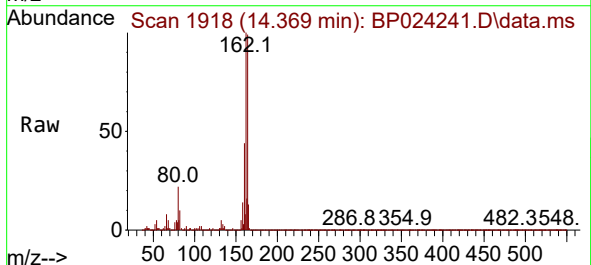
Instrument :
BNA_P
ClientSampleId :
ARS20-0008

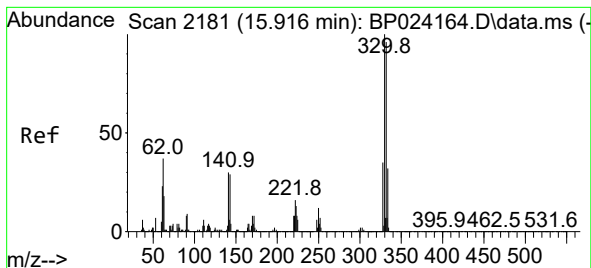
Tgt Ion: 82 Resp: 1247126
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.0
54 40.3 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.035 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

Tgt Ion: 164 Resp: 709478
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 44.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 87.914 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.024 min

Lab File: BP024241.D

Acq: 09 Apr 2025 19:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0008

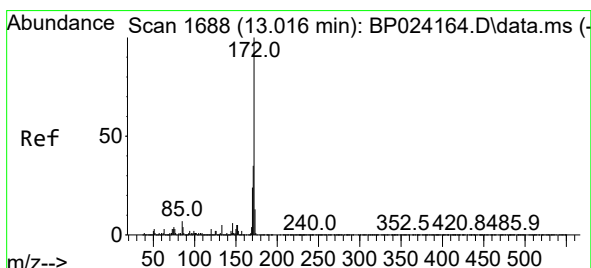
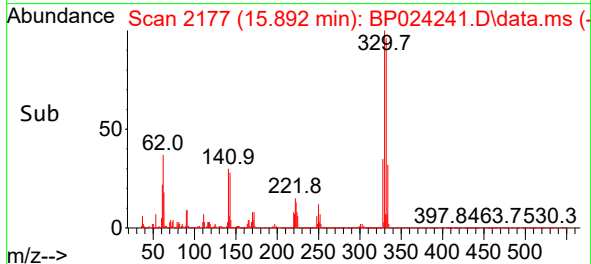
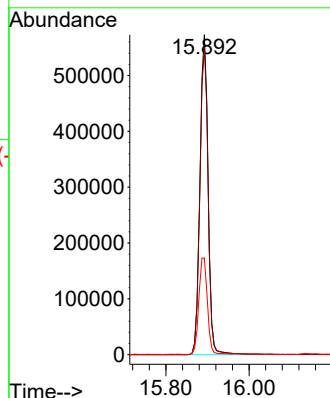
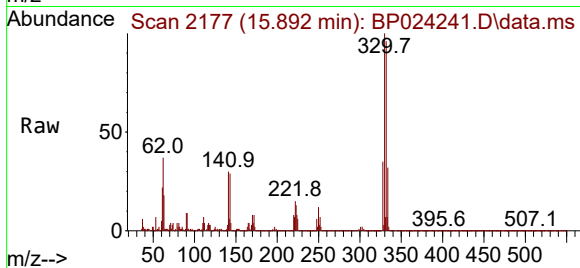
Tgt Ion:330 Resp: 785672

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 31.5 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 53.481 ng

RT: 12.981 min Scan# 1682

Delta R.T. -0.035 min

Lab File: BP024241.D

Acq: 09 Apr 2025 19:03

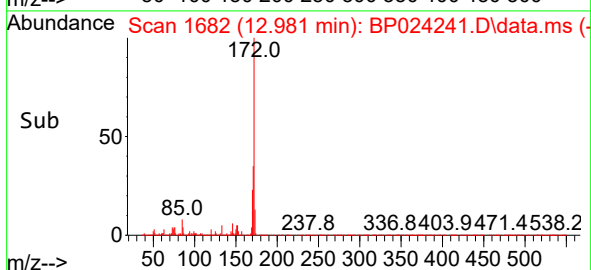
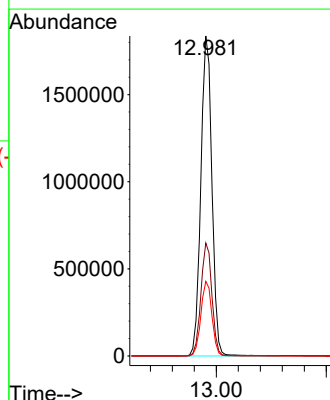
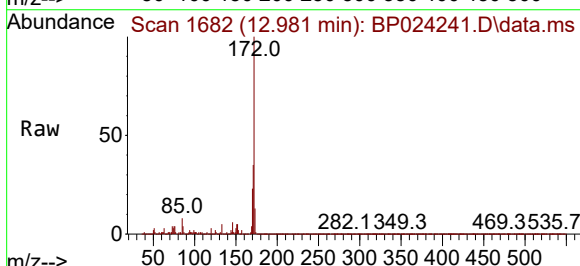
Tgt Ion:172 Resp: 2573274

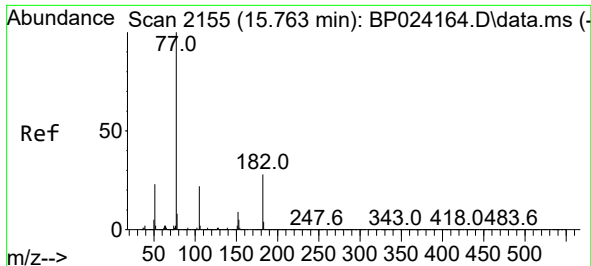
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.4

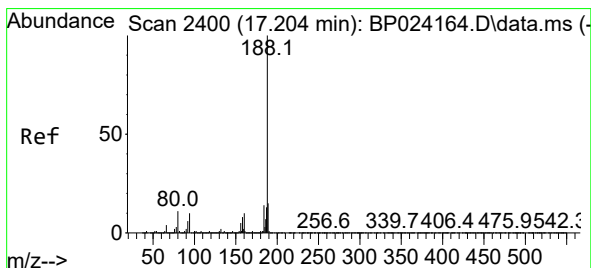
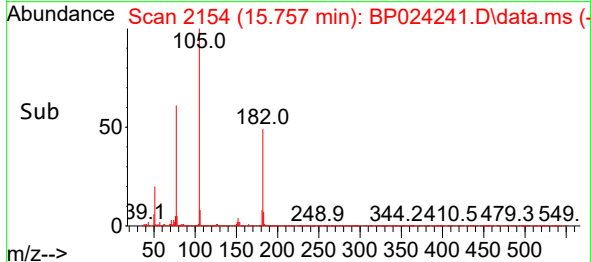
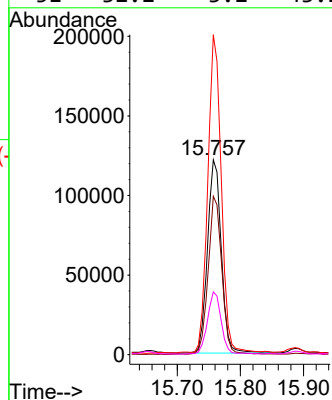
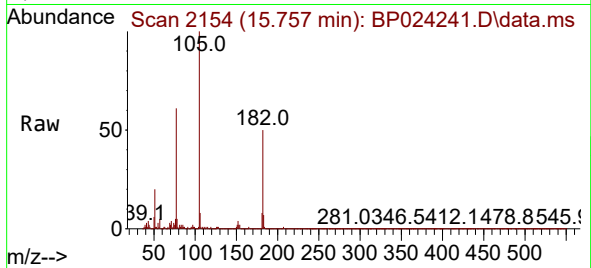




#63
Azobenzene
Concen: 3.973 ng
RT: 15.757 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

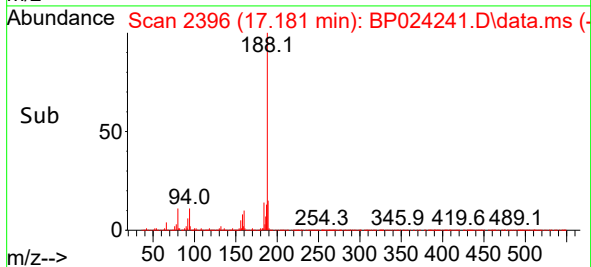
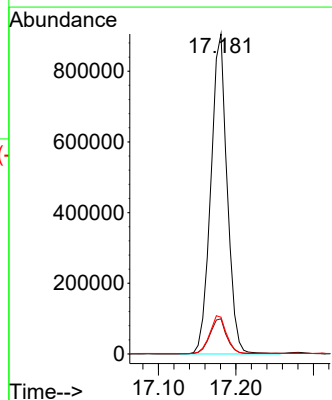
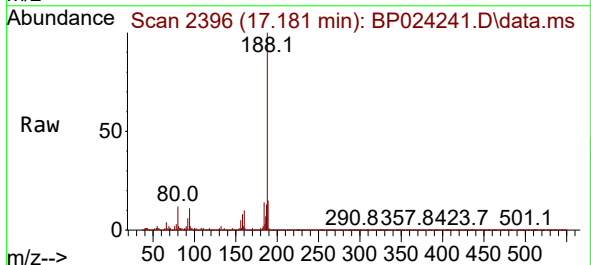
Instrument :
BNA_P
ClientSampleId :
ARS20-0008

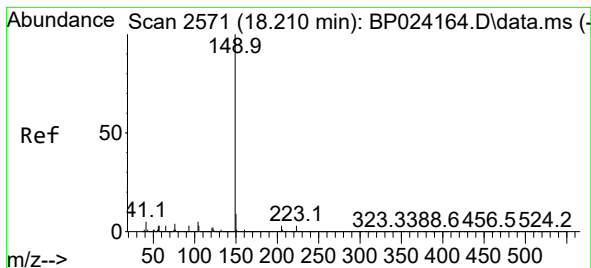
Tgt Ion: 77 Resp: 185117
Ion Ratio Lower Upper
77 100
182 81.3 7.7 47.7#
105 164.3 2.3 42.3#
51 32.2 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

Tgt Ion:188 Resp: 1322269
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 11.5 8.9 13.3





#74

Di-n-butylphthalate

Concen: 5.788 ng

RT: 18.186 min Scan# 2567

Delta R.T. -0.024 min

Lab File: BP024241.D

Acq: 09 Apr 2025 19:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0008

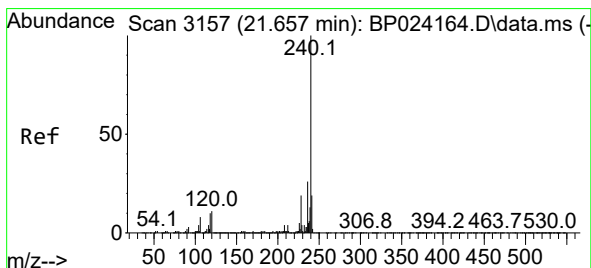
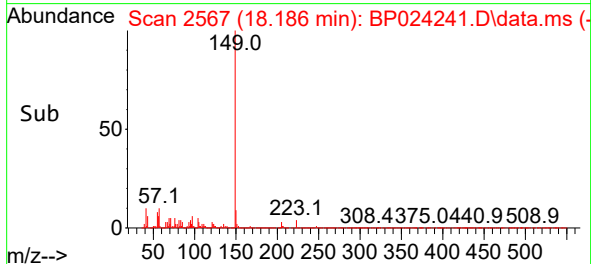
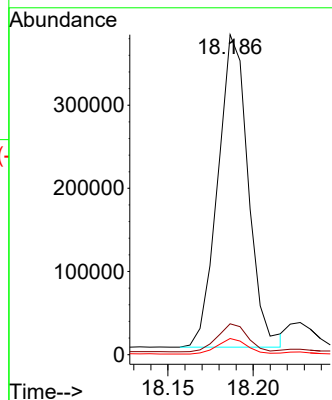
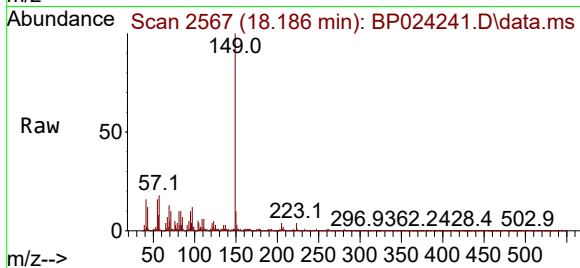
Tgt Ion:149 Resp: 466209

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 5.1 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.024 min

Lab File: BP024241.D

Acq: 09 Apr 2025 19:03

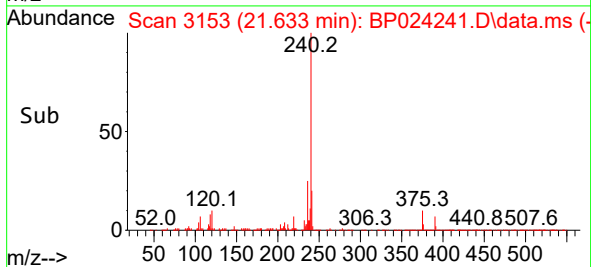
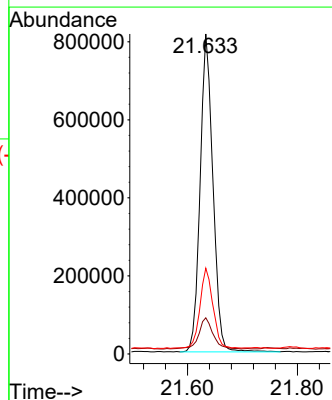
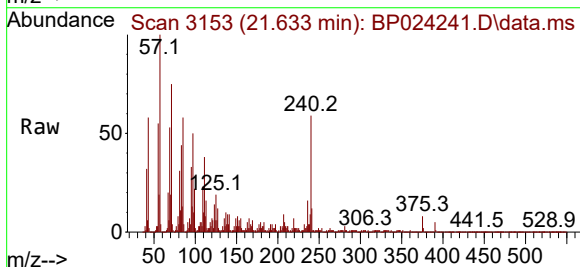
Tgt Ion:240 Resp: 1313058

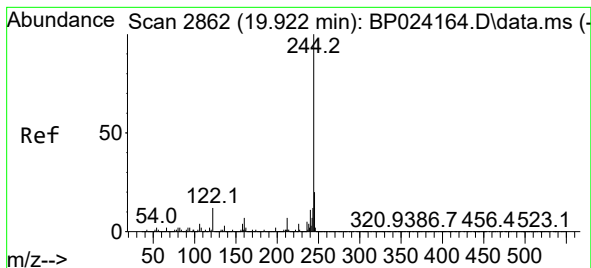
Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 26.8 20.4 30.6





#79

Terphenyl-d14

Concen: 52.284 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024241.D

Acq: 09 Apr 2025 19:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0008

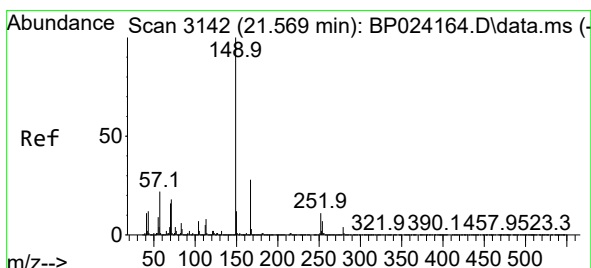
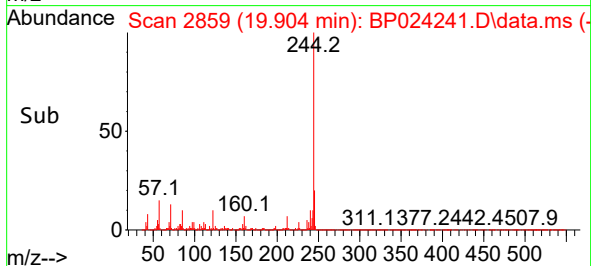
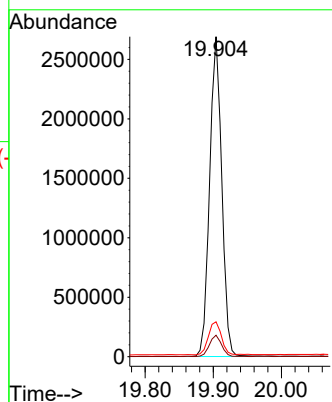
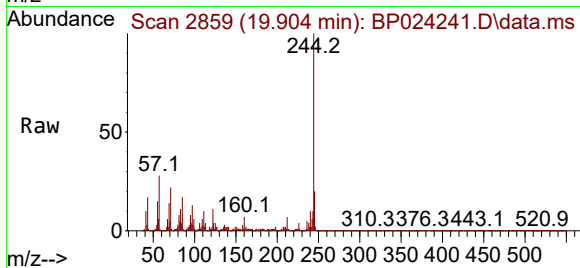
Tgt Ion:244 Resp: 3325788

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.9 9.6 14.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.514 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024241.D

Acq: 09 Apr 2025 19:03

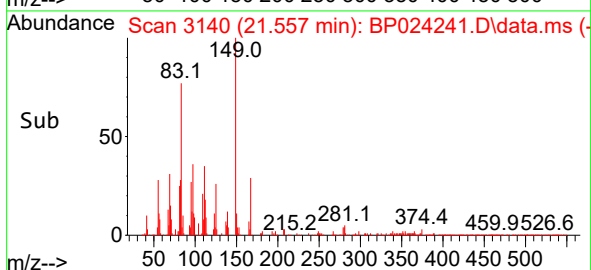
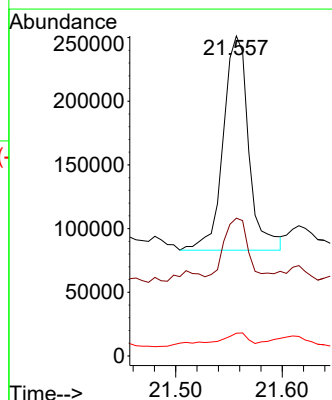
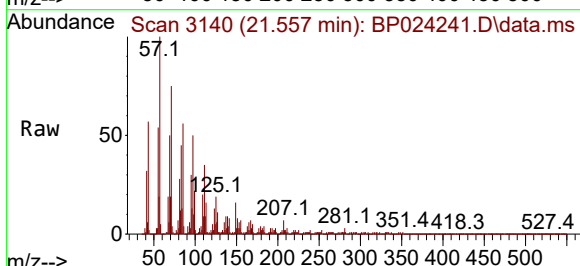
Tgt Ion:149 Resp: 280071

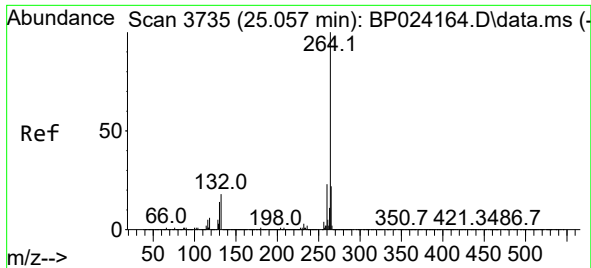
Ion Ratio Lower Upper

149 100

167 43.1 22.5 33.7#

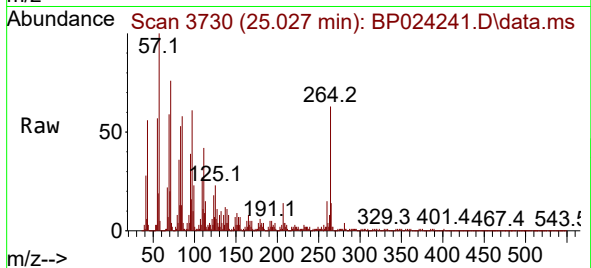
279 7.1 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.027 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP024241.D
Acq: 09 Apr 2025 19:03

Instrument :
BNA_P
ClientSampleId :
ARS20-0008



Tgt Ion:264 Resp: 1666243
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 22.7 17.7 26.5

