

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024262.D
 Acq On : 11 Apr 2025 11:45
 Operator : RC/JU
 Sample : PB167517TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167517TB

Quant Time: Apr 11 12:15:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	245941	20.000	ng	0.01
21) Naphthalene-d8	10.534	136	988900	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	609073	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1154897	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1137897	20.000	ng	0.00
86) Perylene-d12	24.998	264	1235221	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2505867	162.644	ng	0.02
7) Phenol-d6	6.940	99	3176704	154.184	ng	0.01
23) Nitrobenzene-d5	8.905	82	1859413	106.088	ng	0.01
42) 2,4,6-Tribromophenol	15.904	330	1284993	167.490	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4144556	100.337	ng	0.00
79) Terphenyl-d14	19.916	244	6111210	110.862	ng	0.00

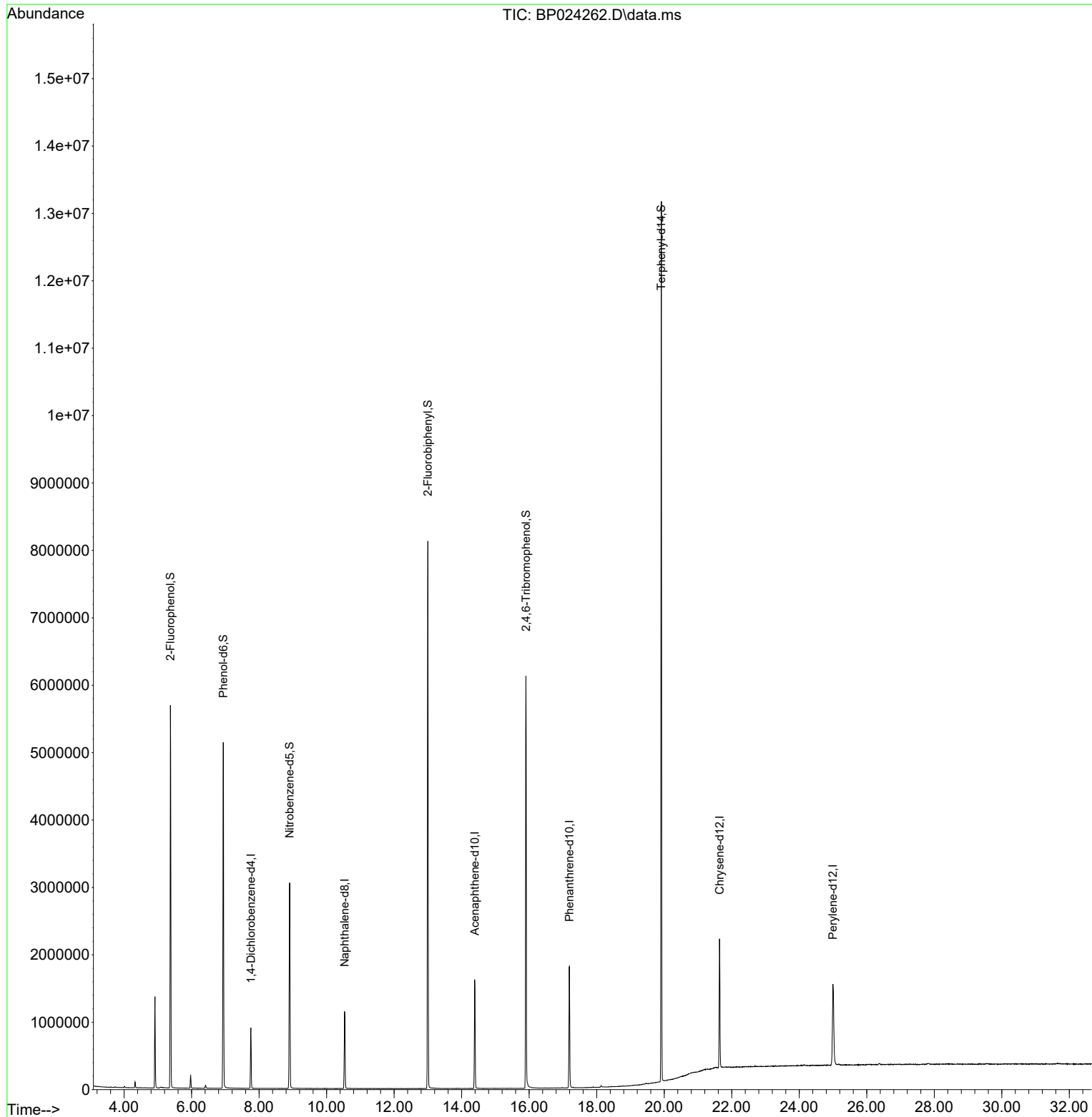
Target Compounds	Qvalue

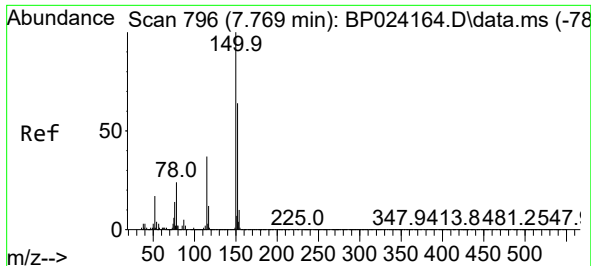
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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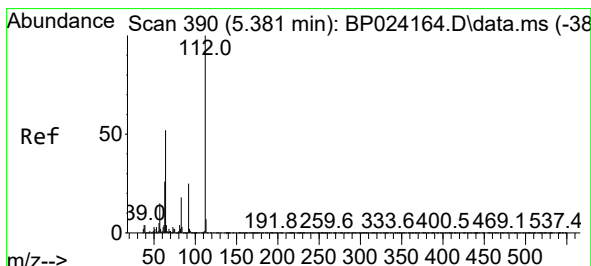
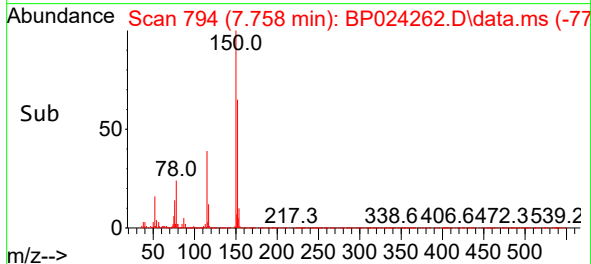
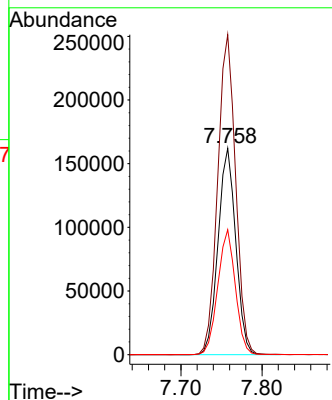
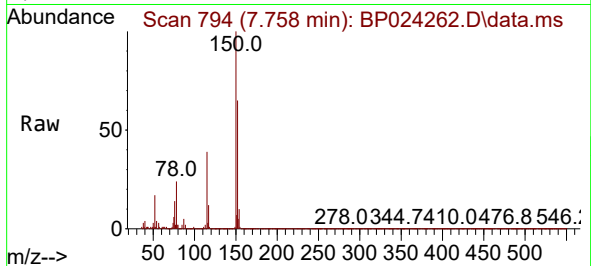




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 796
Delta R.T. 0.012 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

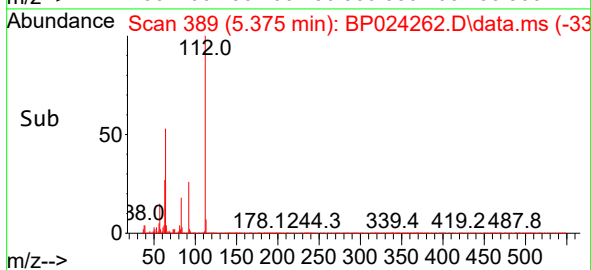
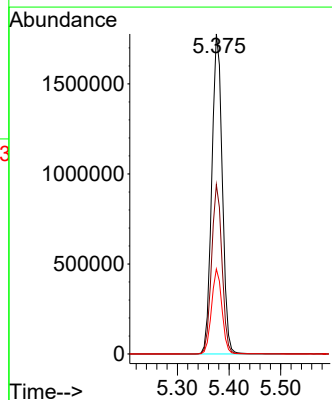
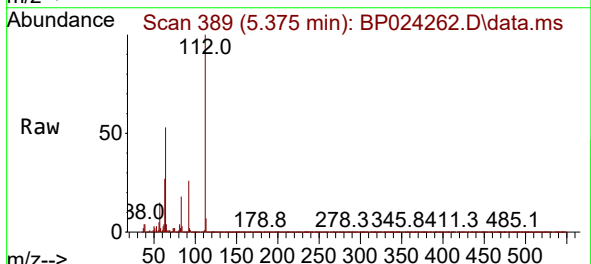
Instrument :
BNA_P
ClientSampleId :
PB167517TB

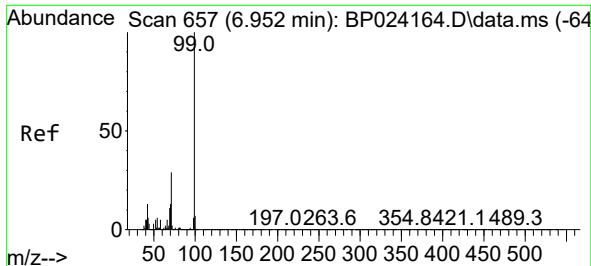
Tgt Ion:152 Resp: 245941
Ion Ratio Lower Upper
152 100
150 155.0 125.5 188.3
115 60.5 46.3 69.5



#5
2-Fluorophenol
Concen: 162.644 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.018 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

Tgt Ion:112 Resp: 2505867
Ion Ratio Lower Upper
112 100
64 52.9 41.3 61.9
63 26.6 20.6 31.0

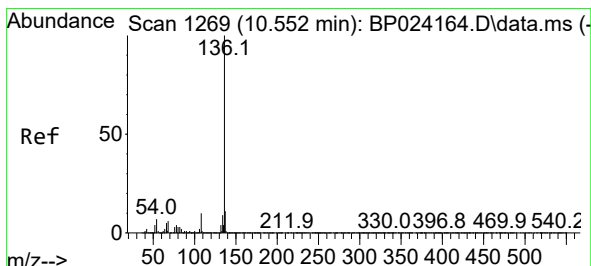
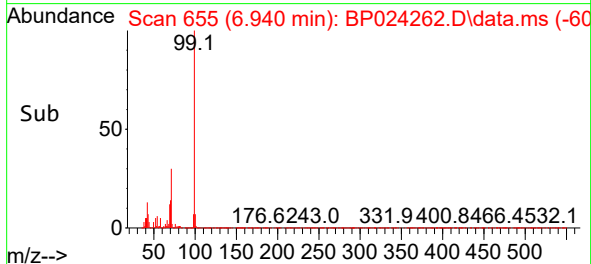
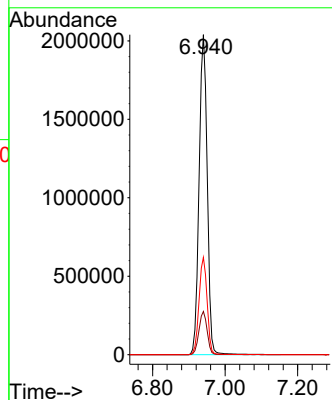
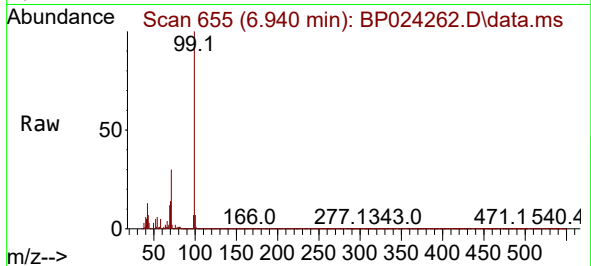




#7
Phenol-d6
Concen: 154.184 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

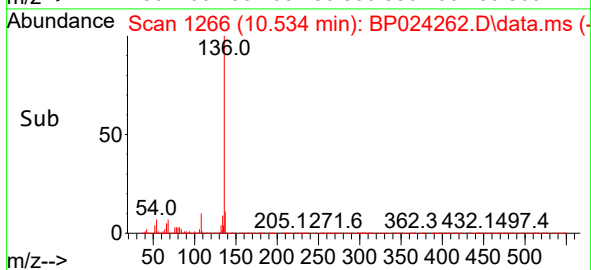
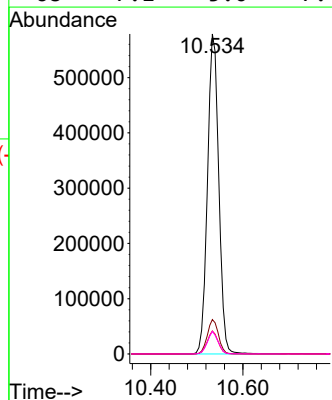
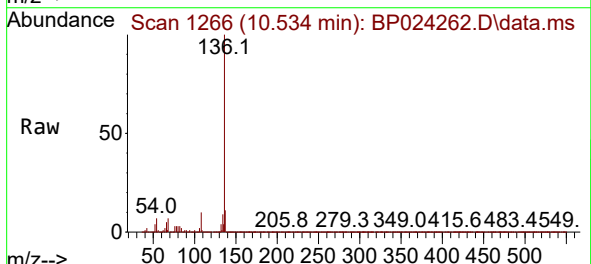
Instrument :
BNA_P
ClientSampleId :
PB167517TB

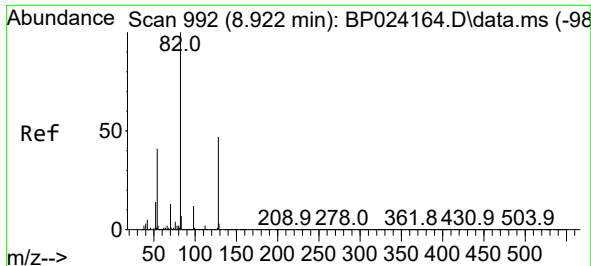
Tgt Ion: 99 Resp: 3176704
Ion Ratio Lower Upper
99 100
42 13.5 10.6 16.0
71 30.4 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

Tgt Ion: 136 Resp: 988900
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.2 5.3 7.9
68 7.1 5.0 7.4

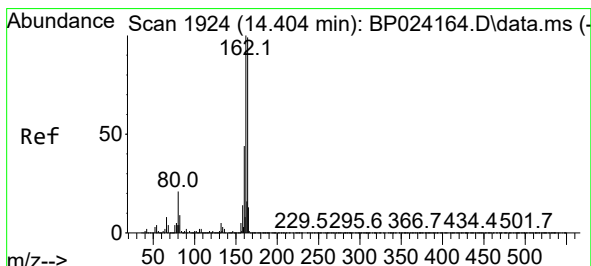
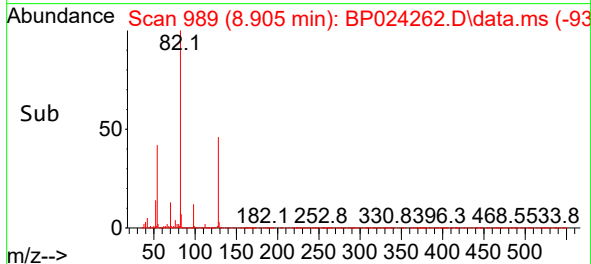
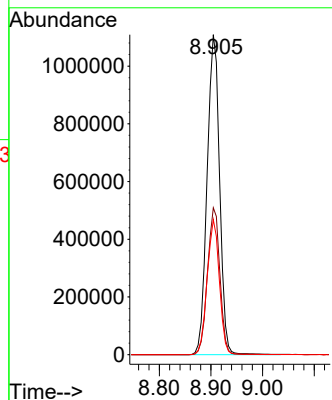
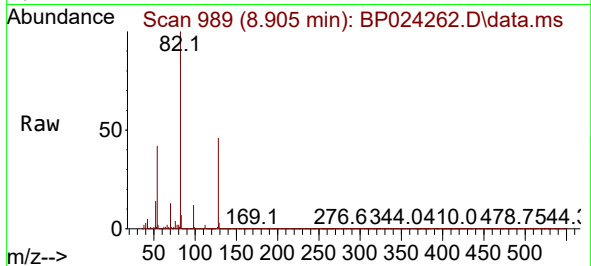




#23
Nitrobenzene-d5
Concen: 106.088 ng
RT: 8.905 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

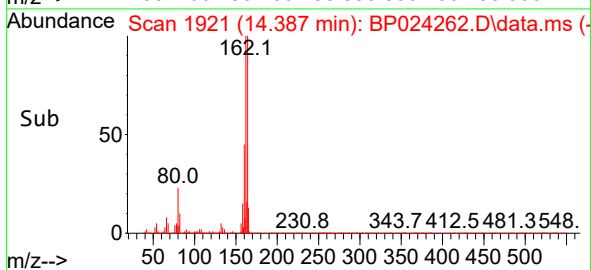
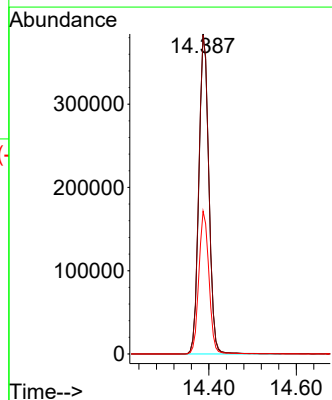
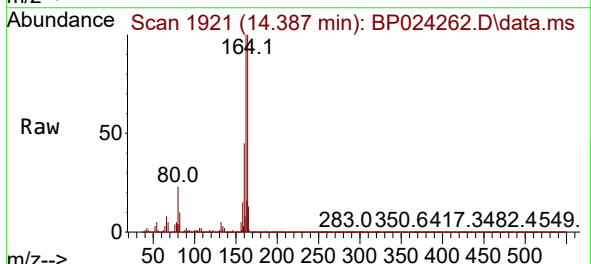
Instrument :
BNA_P
ClientSampleId :
PB167517TB

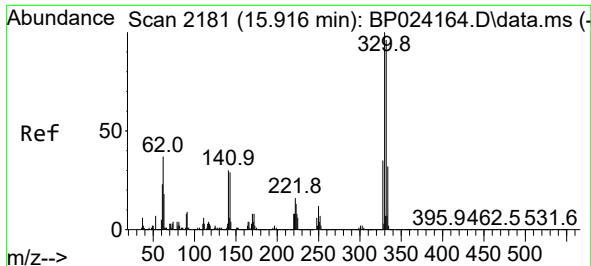
Tgt Ion: 82 Resp: 1859413
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.0
54 42.2 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

Tgt Ion: 164 Resp: 609073
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 44.6 35.4 53.2

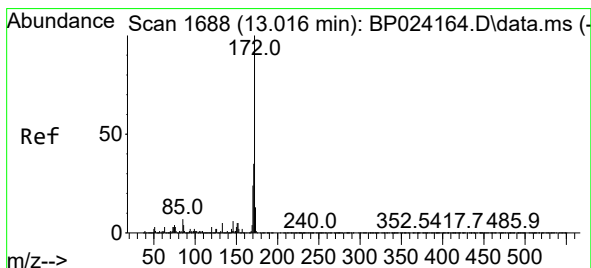
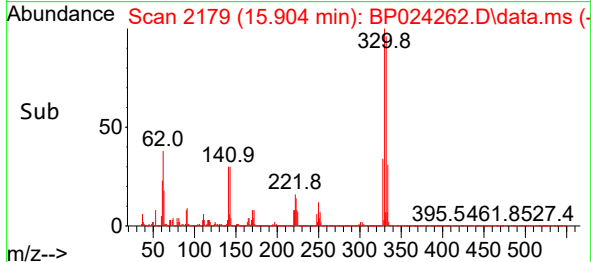
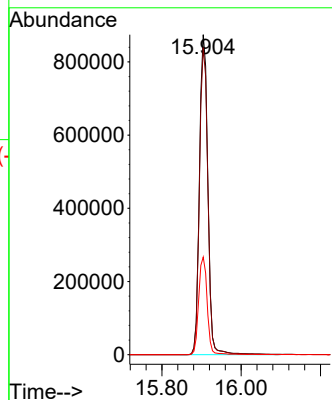
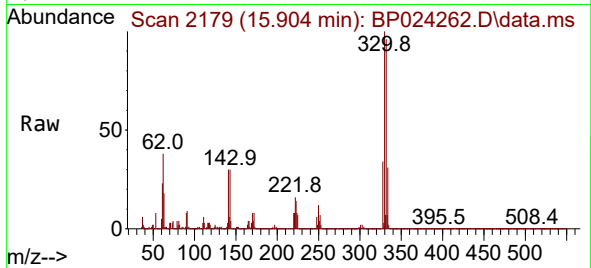




#42
2,4,6-Tribromophenol
Concen: 167.490 ng
RT: 15.904 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

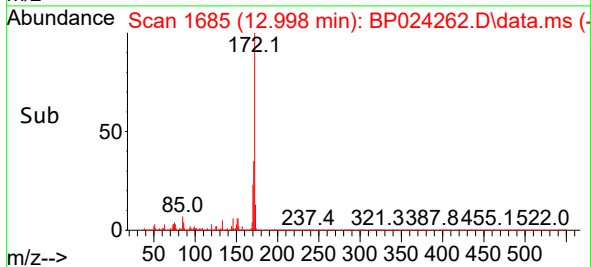
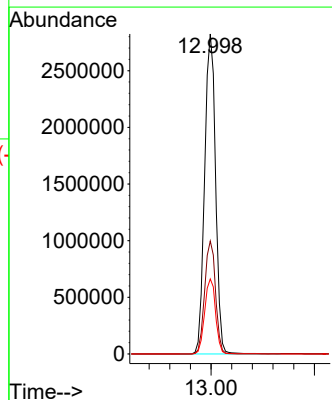
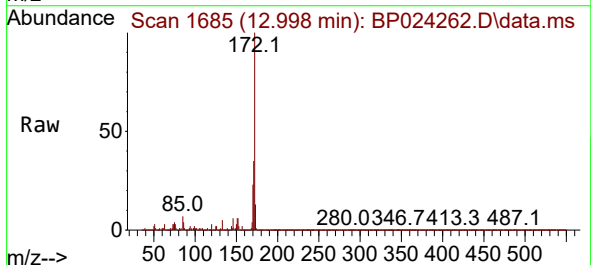
Instrument :
BNA_P
ClientSampleId :
PB167517TB

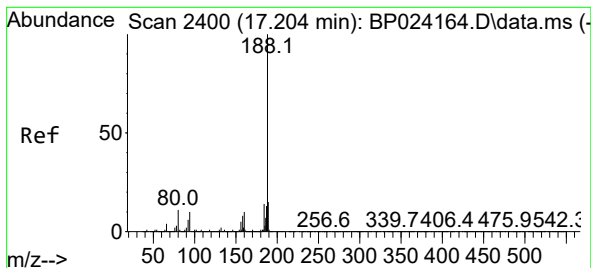
Tgt Ion:330 Resp: 1284993
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 30.8 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 100.337 ng
RT: 12.998 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP024262.D
Acq: 11 Apr 2025 11:45

Tgt Ion:172 Resp: 4144556
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024262.D

Acq: 11 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167517TB

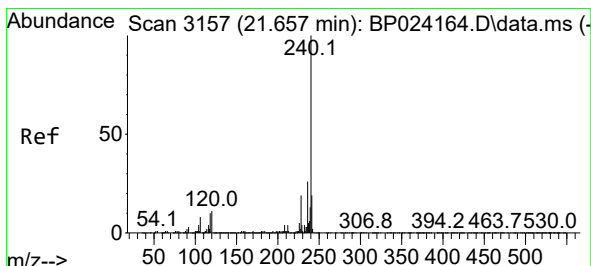
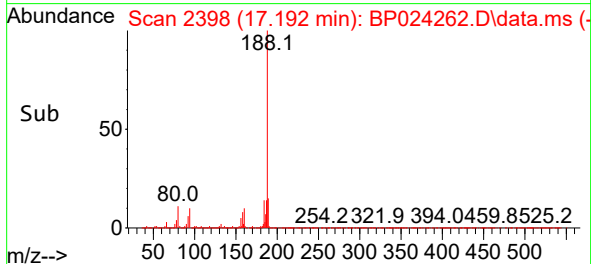
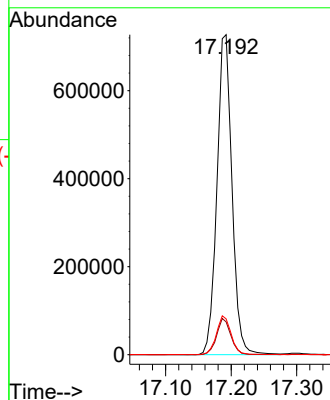
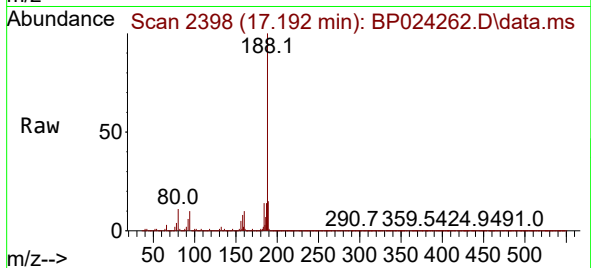
Tgt Ion:188 Resp: 1154897

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.2 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BP024262.D

Acq: 11 Apr 2025 11:45

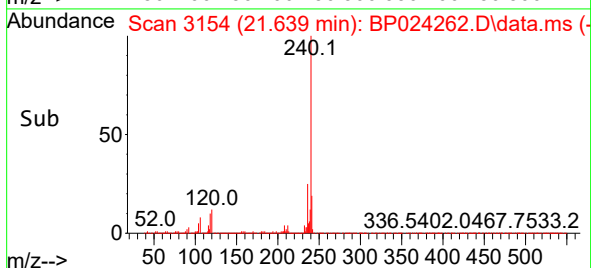
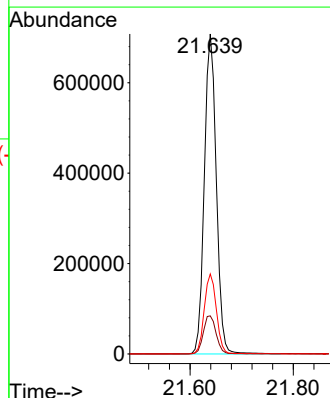
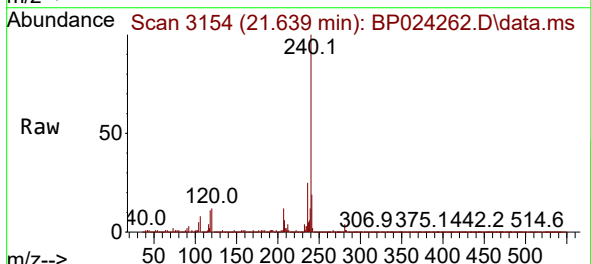
Tgt Ion:240 Resp: 1137897

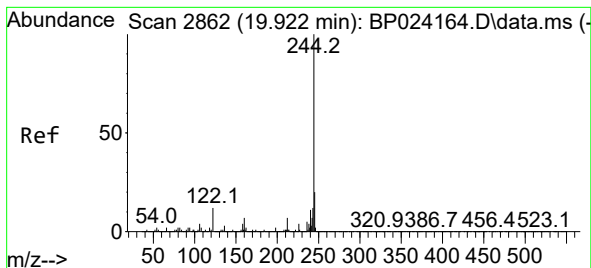
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 110.862 ng

RT: 19.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024262.D

Acq: 11 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167517TB

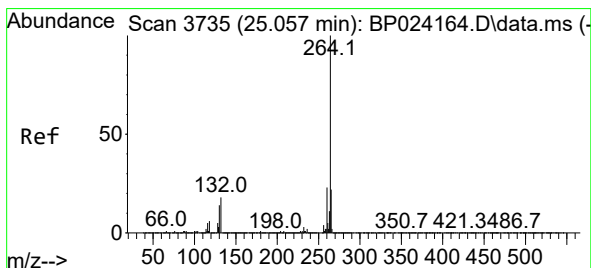
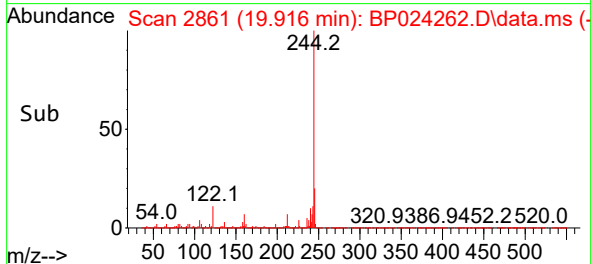
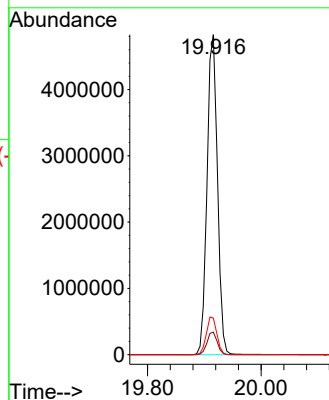
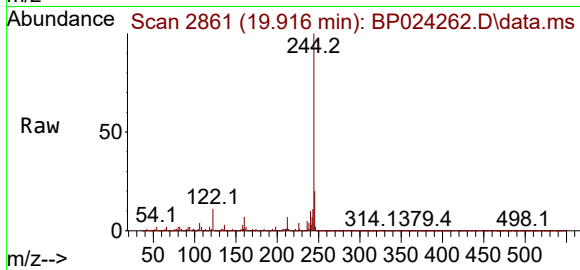
Tgt Ion:244 Resp: 6111210

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3725

Delta R.T. -0.012 min

Lab File: BP024262.D

Acq: 11 Apr 2025 11:45

Tgt Ion:264 Resp: 1235221

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.2 17.7 26.5

