

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024229.D
 Acq On : 09 Apr 2025 10:49
 Operator : RC/JU
 Sample : PB167467TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167467TB

Quant Time: Apr 09 12:21:07 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	7.769	152	334003	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1353942	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	831313	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1643472	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1700691	20.000	ng	0.00
86) Perylene-d12	25.057	264	1812407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2861945	136.779	ng	0.00
7) Phenol-d6	6.952	99	3616018	129.233	ng	0.00
23) Nitrobenzene-d5	8.916	82	2114196	88.102	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1440873	137.600	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4788835	84.941	ng	0.00
79) Terphenyl-d14	19.933	244	7565840	91.831	ng	0.01

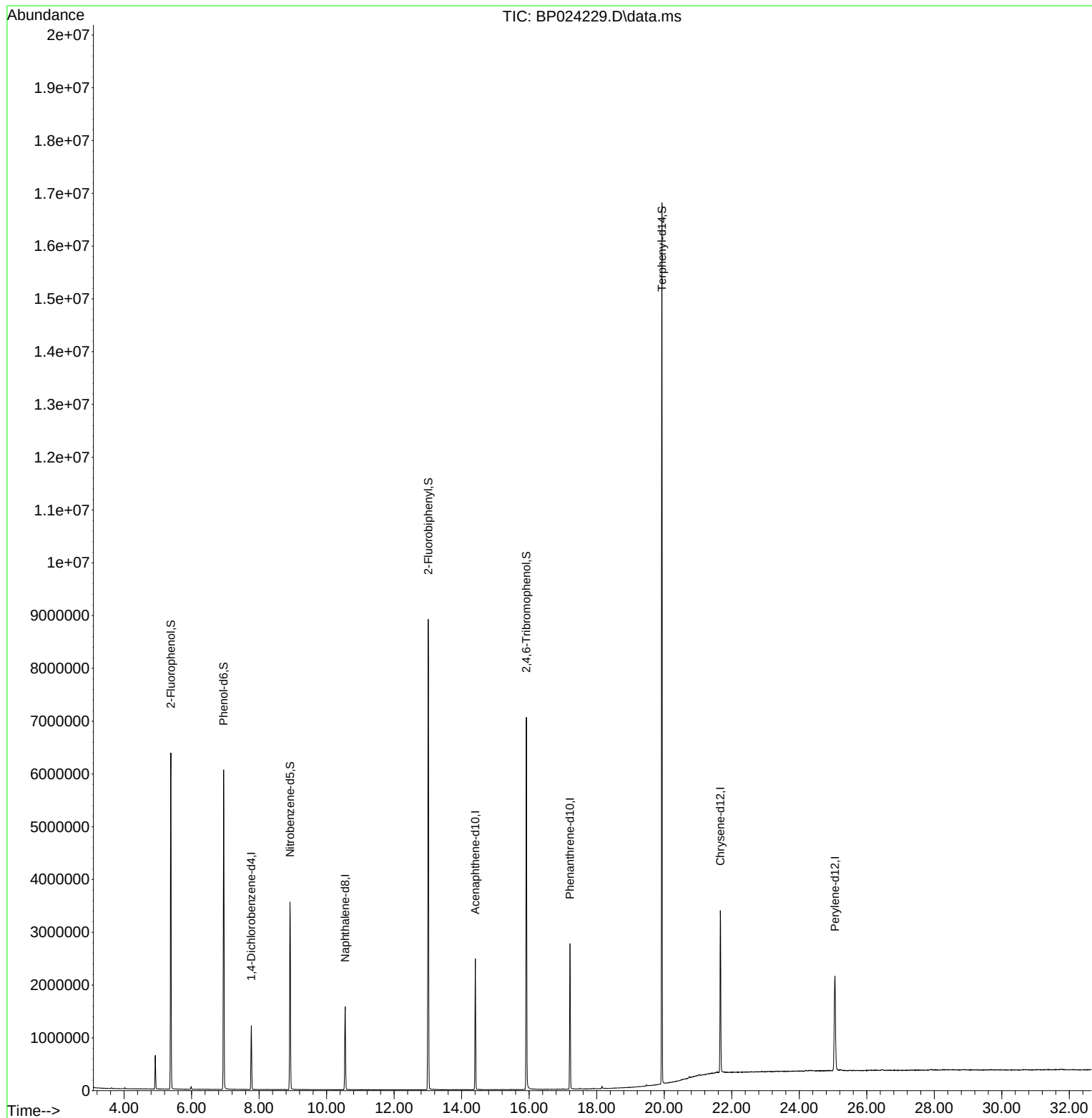
Target Compounds	Qvalue

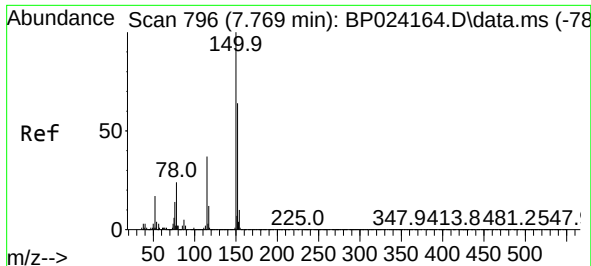
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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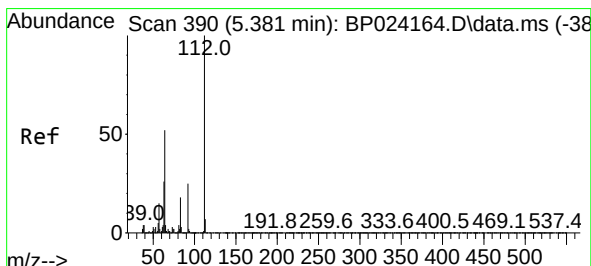
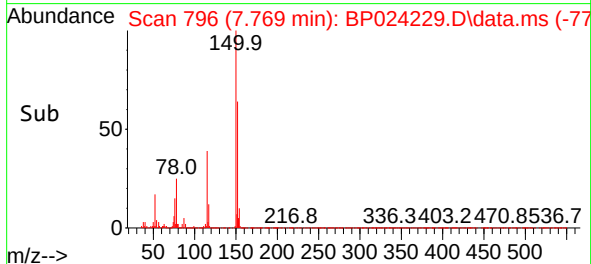
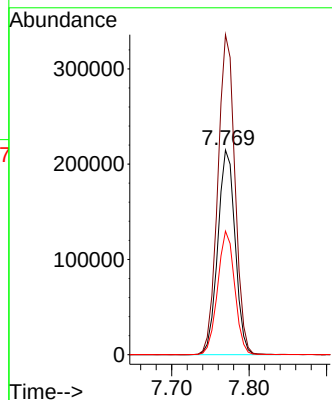
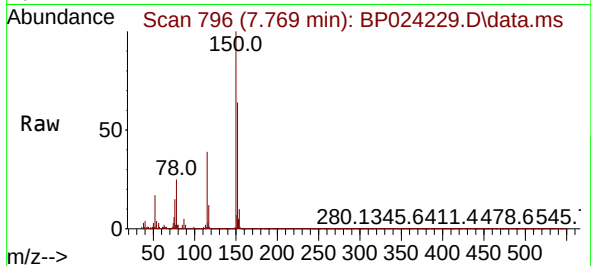




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024229.D
Acq: 09 Apr 2025 10:49

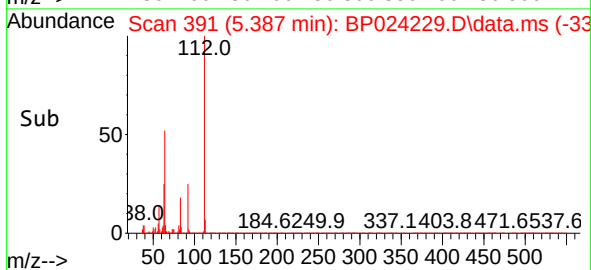
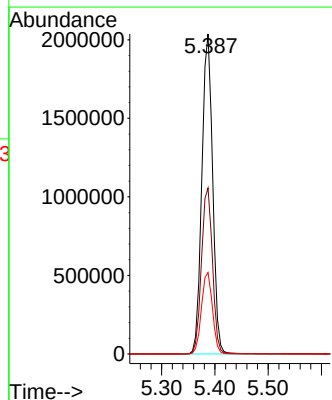
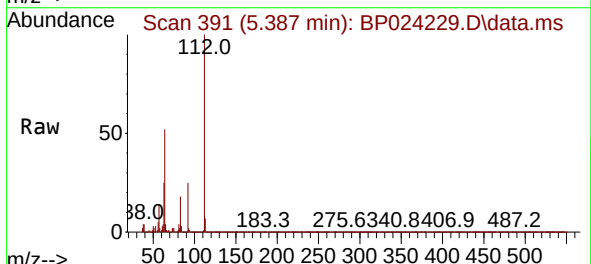
Instrument :
BNA_P
ClientSampleId :
PB167467TB

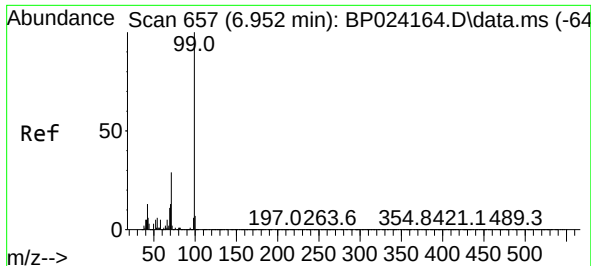
Tgt Ion:152 Resp: 334003
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 60.4 46.3 69.5



#5
2-Fluorophenol
Concen: 136.779 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP024229.D
Acq: 09 Apr 2025 10:49

Tgt Ion:112 Resp: 2861945
Ion Ratio Lower Upper
112 100
64 51.9 41.3 61.9
63 25.5 20.6 31.0



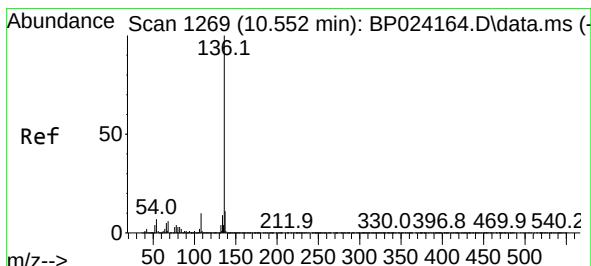
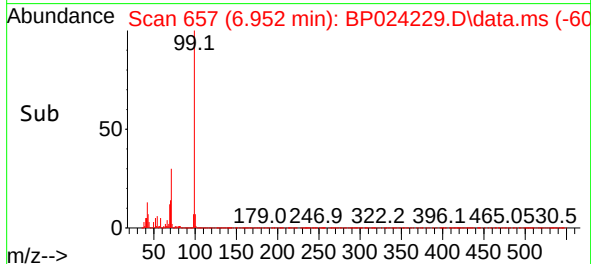
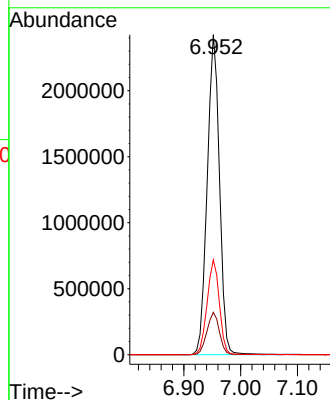
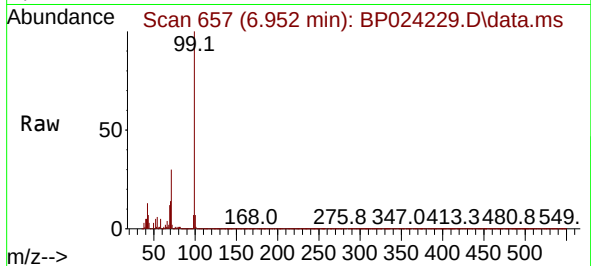


#7
Phenol-d6
Concen: 129.233 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024229.D
Acq: 09 Apr 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB167467TB

Tgt Ion: 99 Resp: 3616018

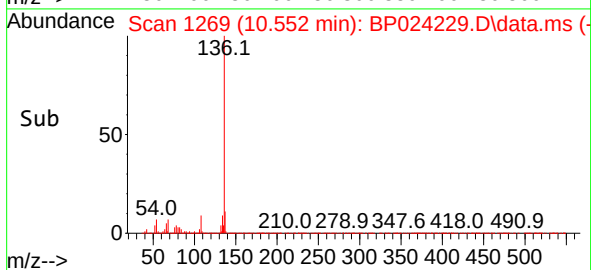
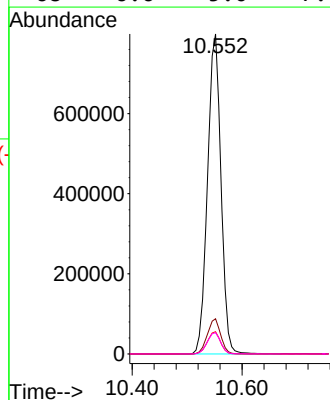
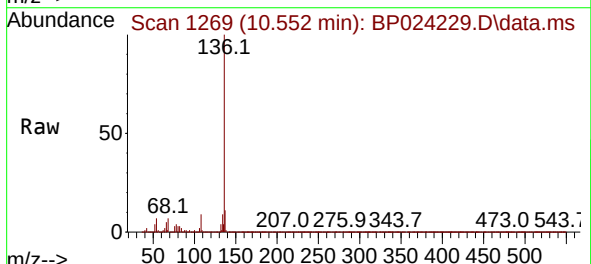
Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.7	23.3	34.9

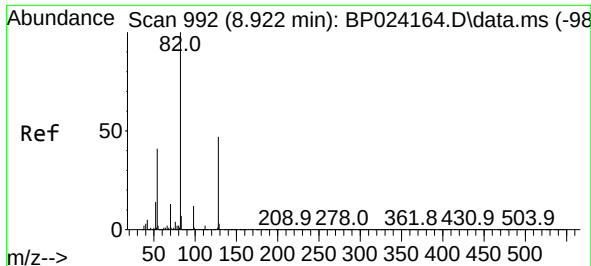


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024229.D
Acq: 09 Apr 2025 10:49

Tgt Ion:136 Resp: 1353942

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.9	5.3	7.9
68	6.6	5.0	7.4

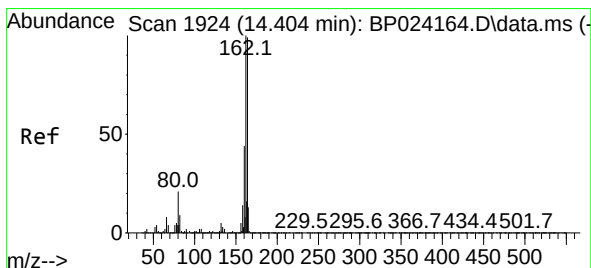
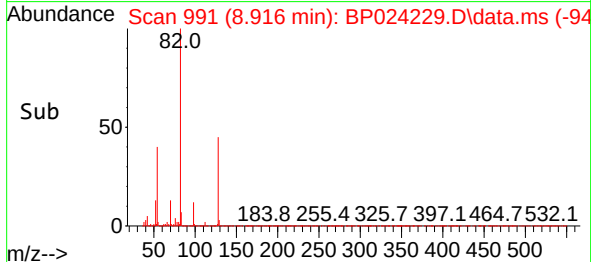
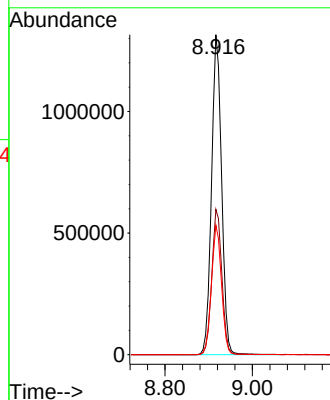
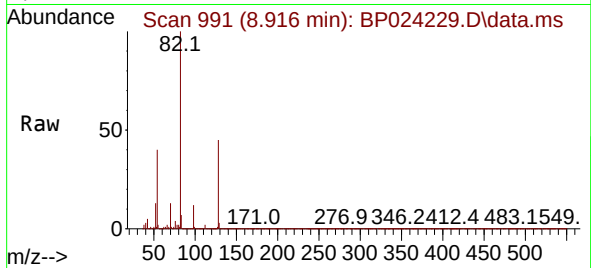




#23
Nitrobenzene-d5
Concen: 88.102 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024229.D
Acq: 09 Apr 2025 10:49

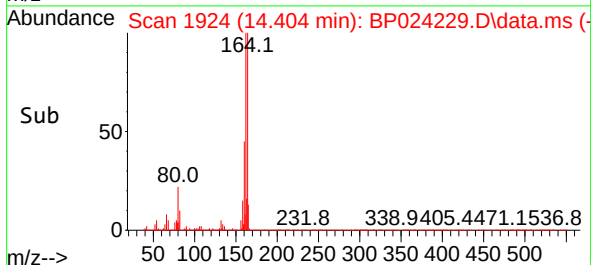
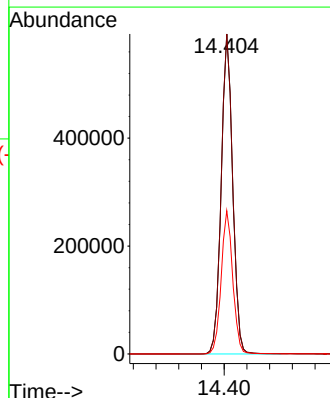
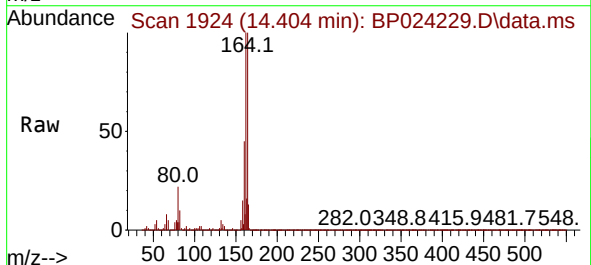
Instrument :
BNA_P
ClientSampleId :
PB167467TB

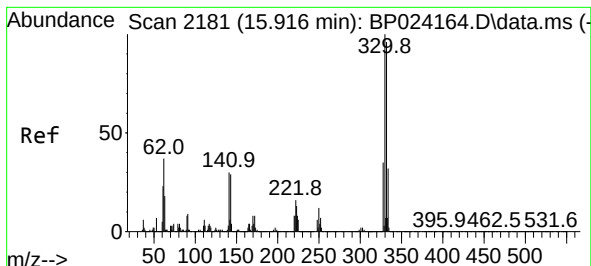
Tgt Ion: 82 Resp: 2114196
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.0
54 40.5 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP024229.D
Acq: 09 Apr 2025 10:49

Tgt Ion: 164 Resp: 831313
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 137.600 ng

RT: 15.916 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BP024229.D

Acq: 09 Apr 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB167467TB

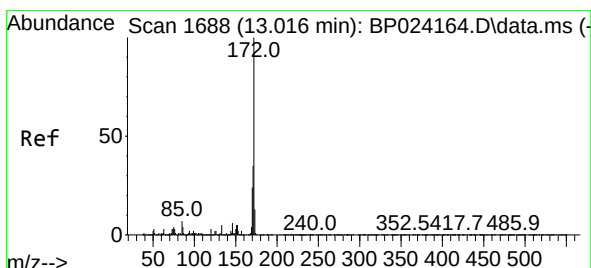
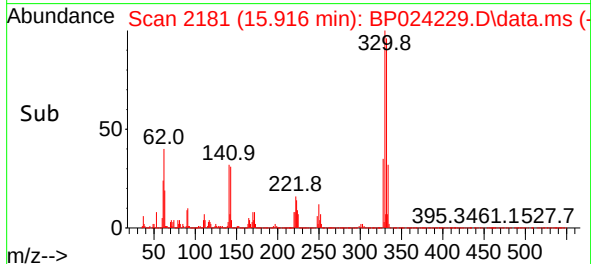
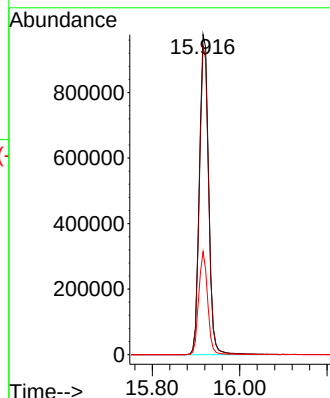
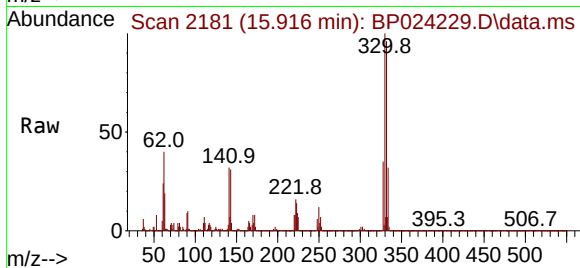
Tgt Ion:330 Resp: 1440873

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 31.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 84.941 ng

RT: 13.010 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BP024229.D

Acq: 09 Apr 2025 10:49

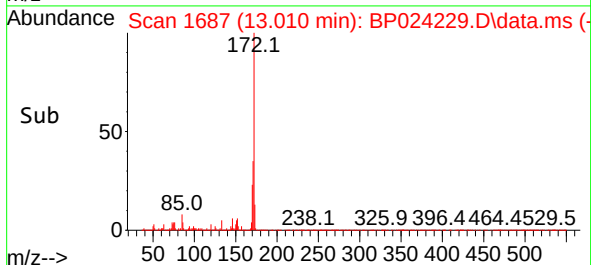
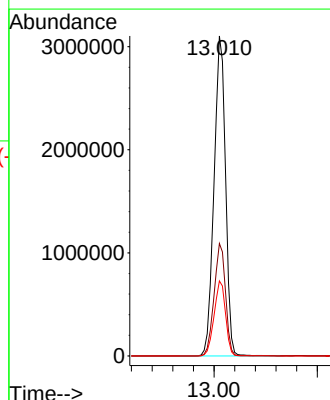
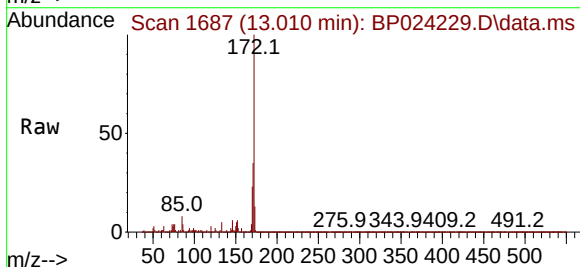
Tgt Ion:172 Resp: 4788835

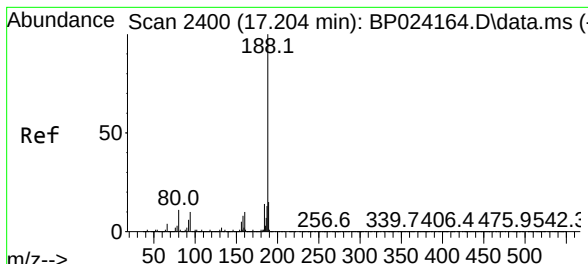
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.0 28.4



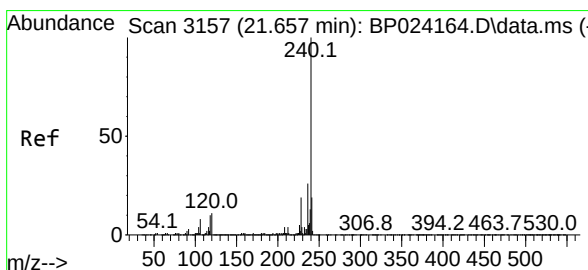
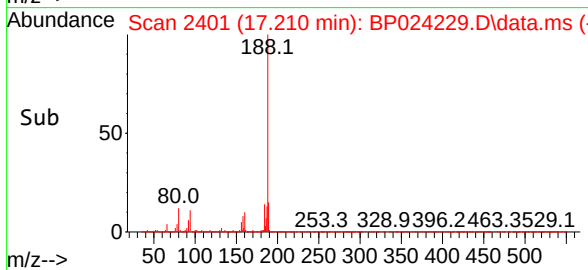
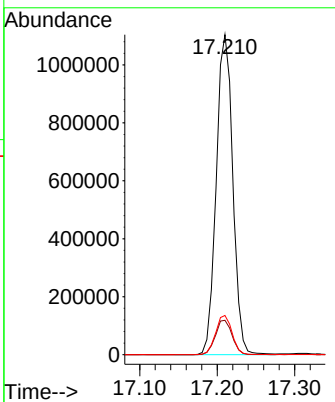
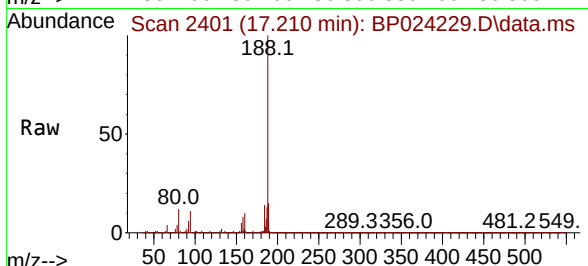


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.210 min Scan# 2401
 Delta R.T. 0.006 min
 Lab File: BP024229.D
 Acq: 09 Apr 2025 10:49

Instrument :
 BNA_P
 ClientSampleId :
 PB167467TB

Tgt Ion:188 Resp: 1643472

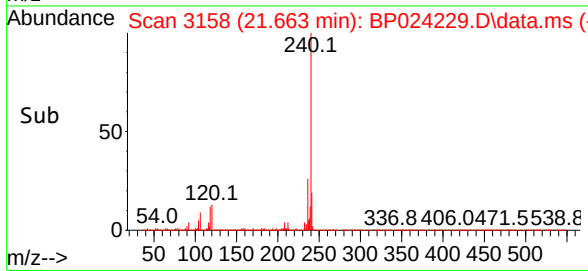
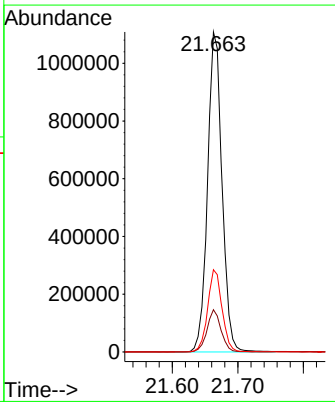
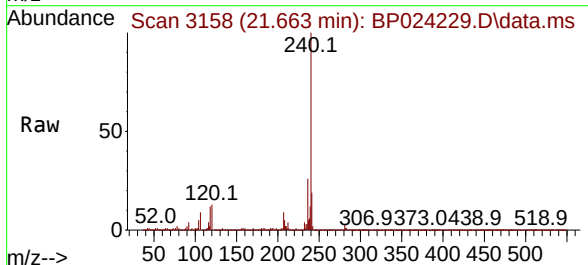
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.1	12.1
80	12.3	8.9	13.3

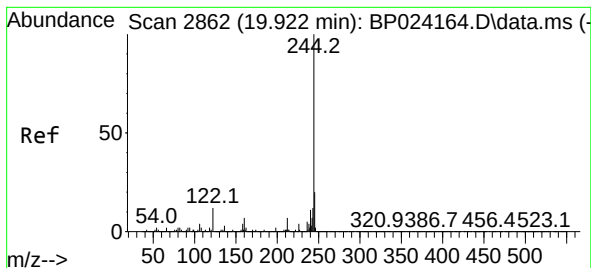


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.663 min Scan# 3158
 Delta R.T. 0.006 min
 Lab File: BP024229.D
 Acq: 09 Apr 2025 10:49

Tgt Ion:240 Resp: 1700691

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	25.7	20.4	30.6





#79

Terphenyl-d14

Concen: 91.831 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024229.D

Acq: 09 Apr 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB167467TB

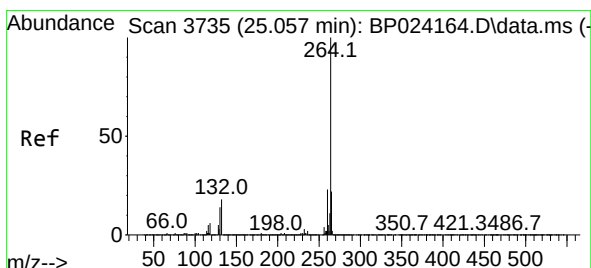
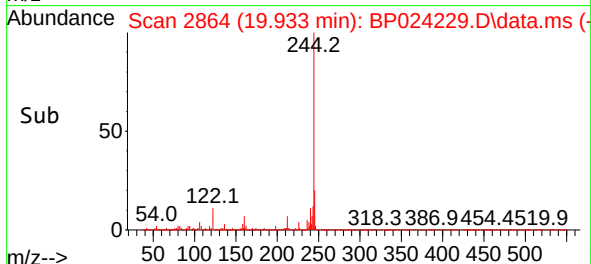
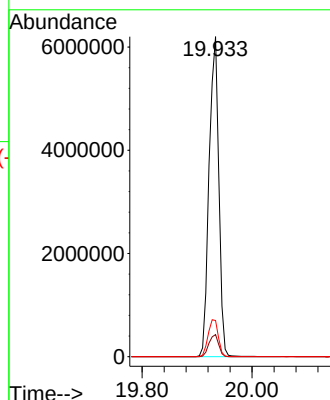
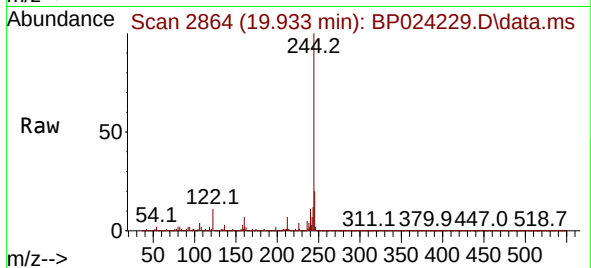
Tgt Ion:244 Resp: 7565840

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.057 min Scan# 3735

Delta R.T. 0.000 min

Lab File: BP024229.D

Acq: 09 Apr 2025 10:49

Tgt Ion:264 Resp: 1812407

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.7 17.7 26.5

