

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024392.D
 Acq On : 23 Apr 2025 12:05
 Operator : RC/JU
 Sample : PB167700BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167700BL

Quant Time: Apr 23 12:34:35 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	7.722	152	233971	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	928265	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	559215	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1108948	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1143200	20.000	ng	0.00
86) Perylene-d12	24.921	264	1302337	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1951361	137.901	ng	0.00
7) Phenol-d6	6.910	99	2407198	124.237	ng	0.00
23) Nitrobenzene-d5	8.869	82	1463647	89.908	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1118309	144.540	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	3331552	91.217	ng	0.00
79) Terphenyl-d14	19.869	244	5359491	94.496	ng	0.00

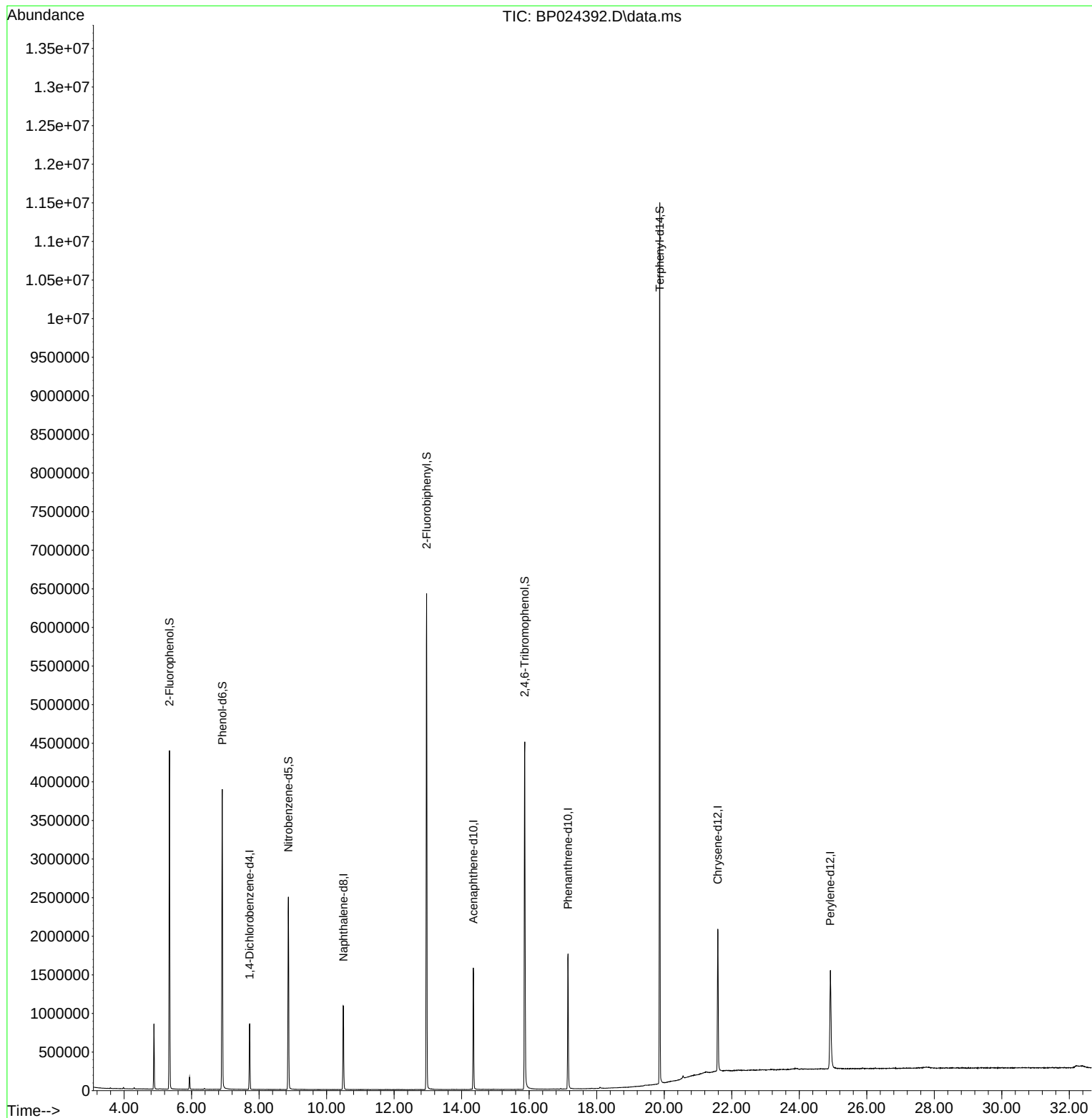
Target Compounds	Qvalue

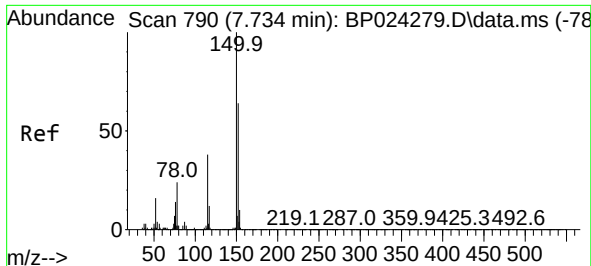
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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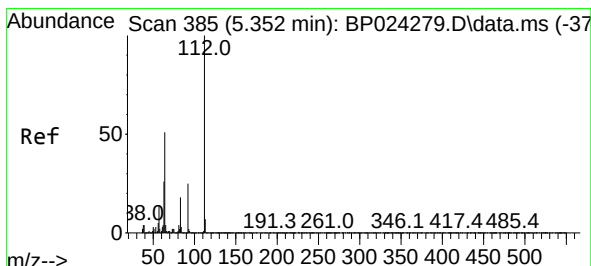
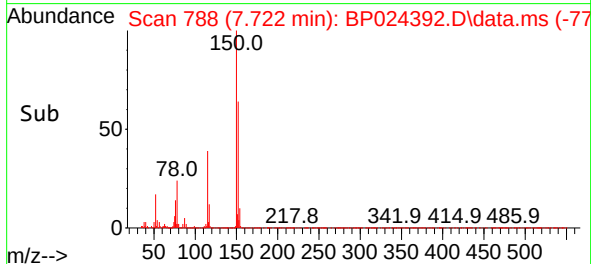
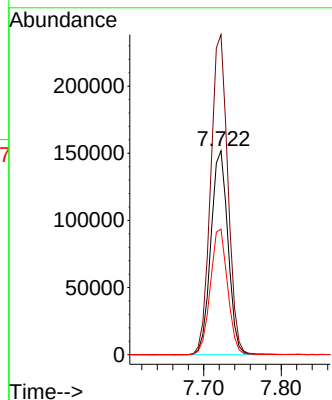
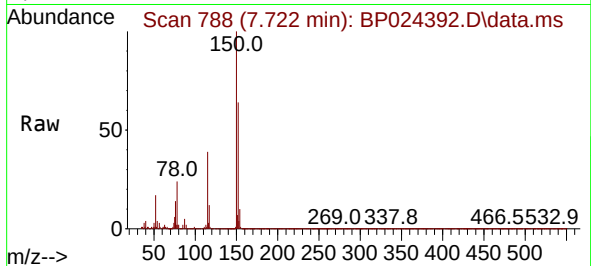




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

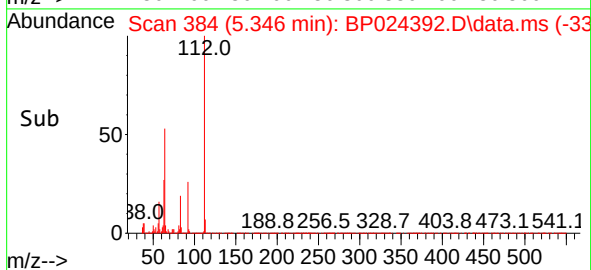
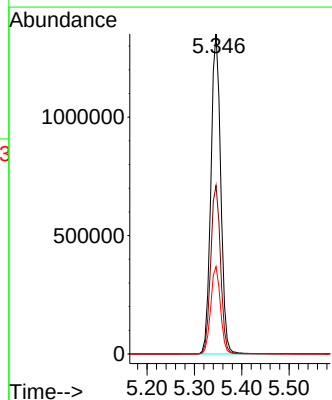
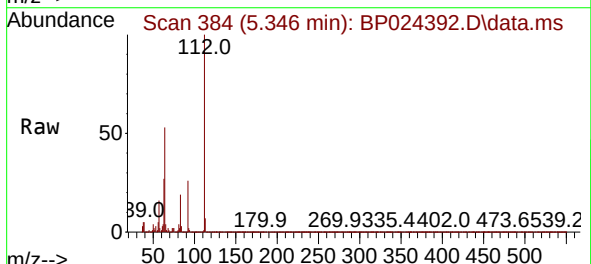
Instrument :
BNA_P
ClientSampleId :
PB167700BL

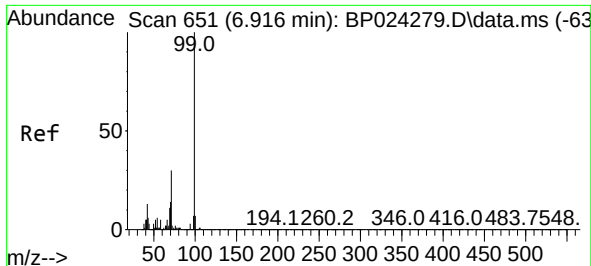
Tgt Ion:152 Resp: 233971
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 137.901 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.000 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

Tgt Ion:112 Resp: 1951361
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 27.3 20.6 30.8

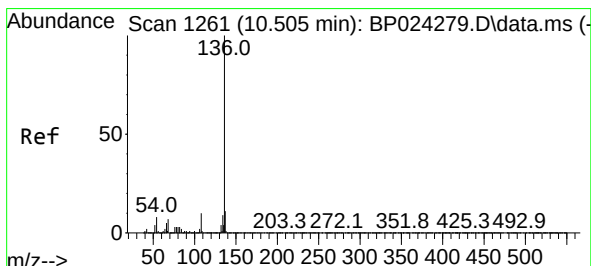
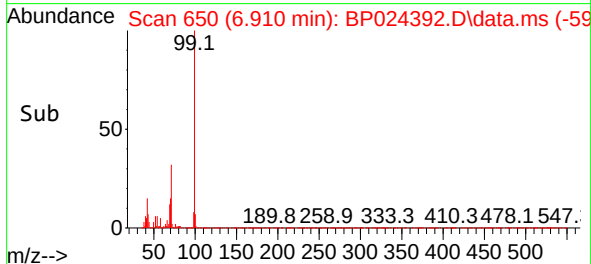
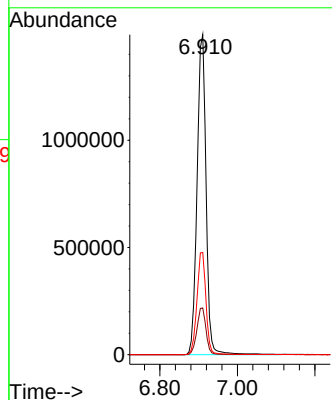
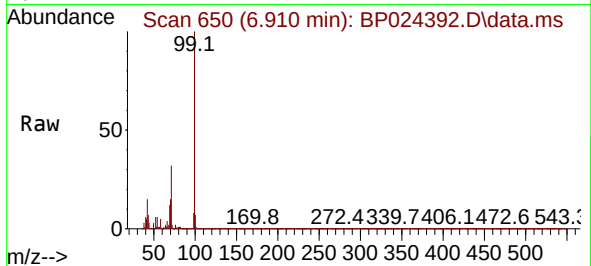




#7
Phenol-d6
Concen: 124.237 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

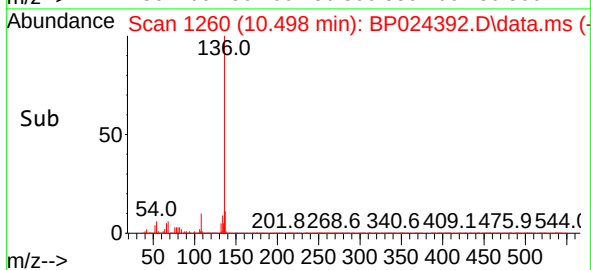
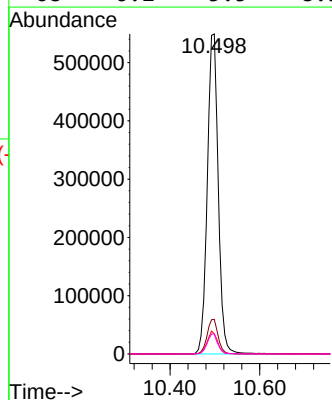
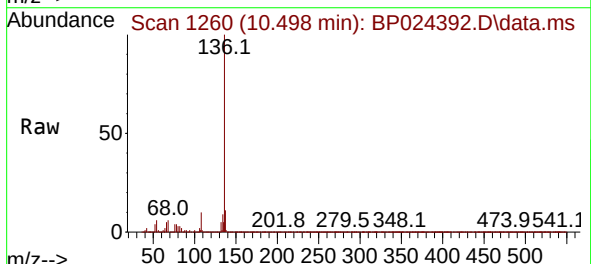
Instrument :
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ClientSampleId :
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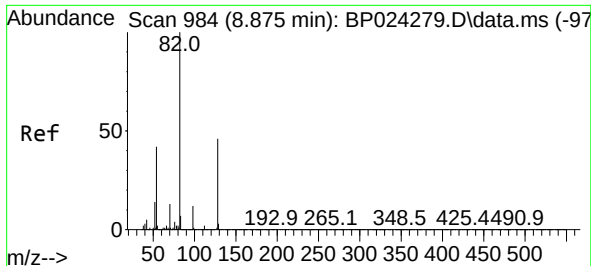
Tgt Ion: 99 Resp: 2407198
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 32.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

Tgt Ion:136 Resp: 928265
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.3 6.0 9.0
68 6.2 5.5 8.3

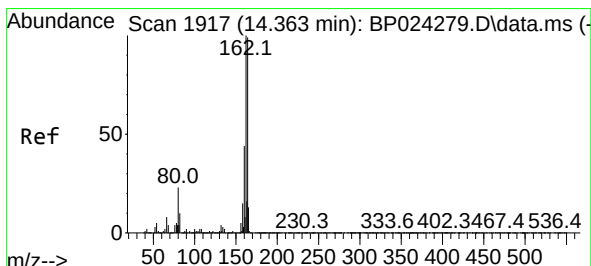
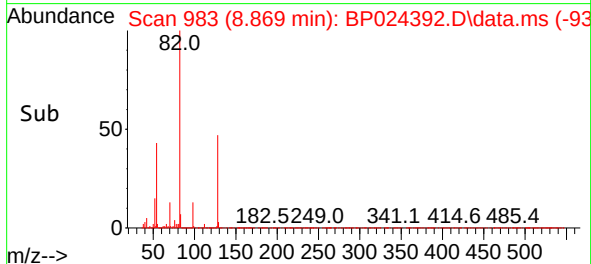
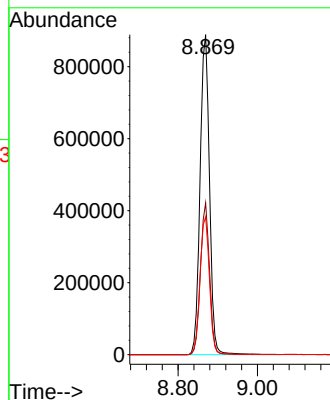
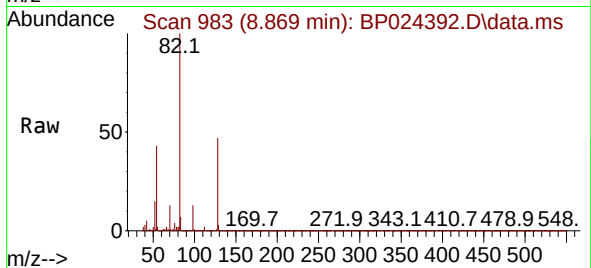




#23
Nitrobenzene-d5
Concen: 89.908 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

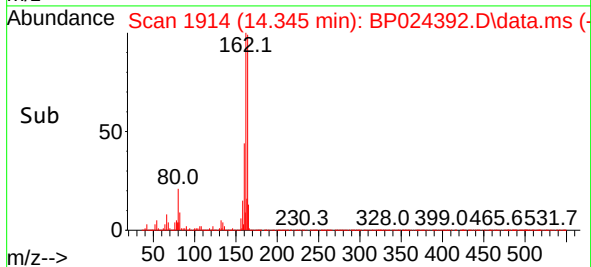
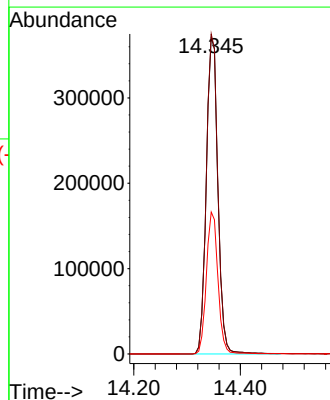
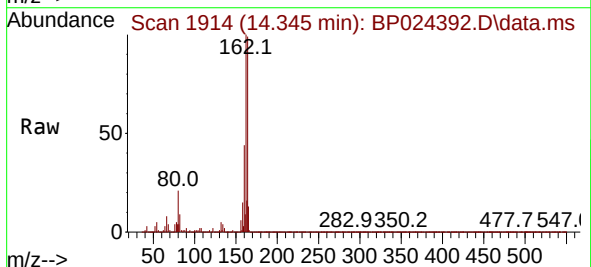
Instrument :
BNA_P
ClientSampleId :
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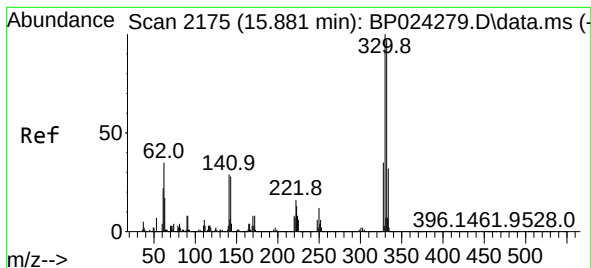
Tgt Ion: 82 Resp: 1463647
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 43.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

Tgt Ion:164 Resp: 559215
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.8 35.3 52.9

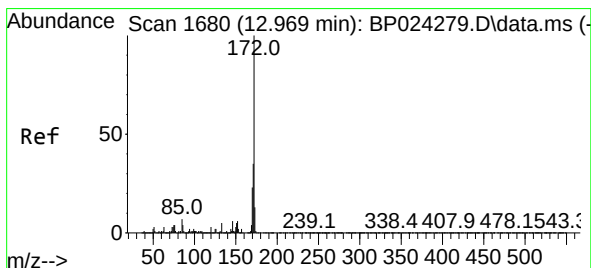
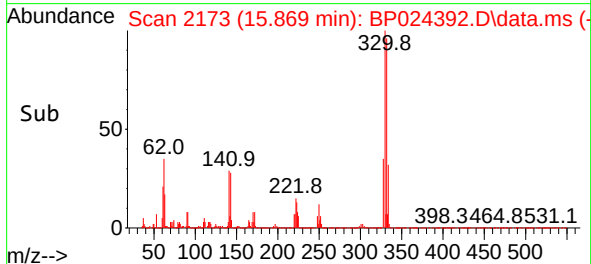
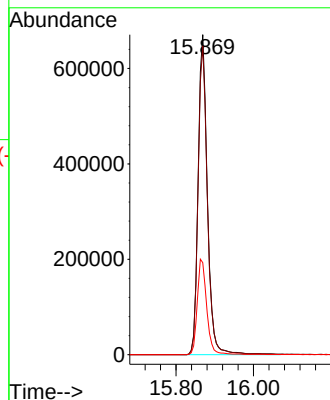
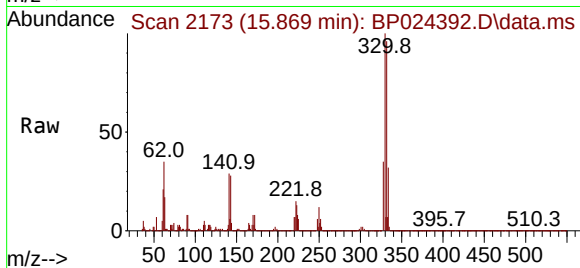




#42
2,4,6-Tribromophenol
Concen: 144.540 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

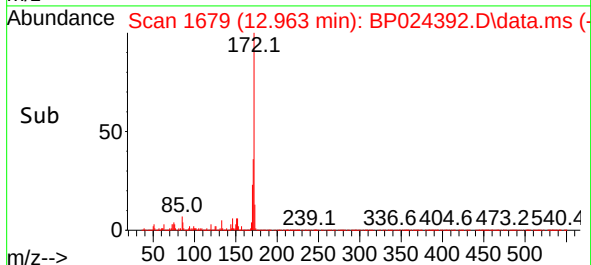
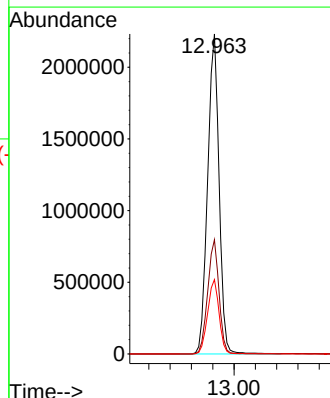
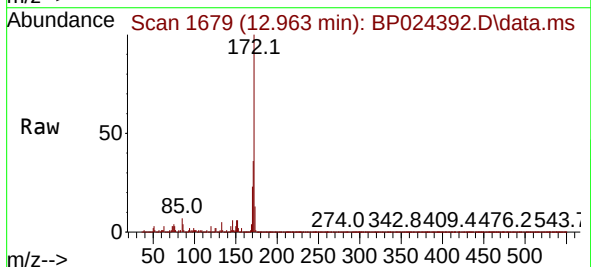
Instrument :
BNA_P
ClientSampleId :
PB167700BL

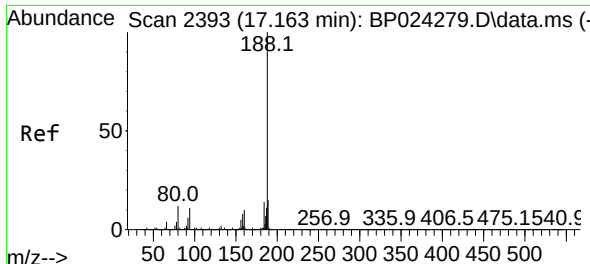
Tgt Ion: 330 Resp: 1118309
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 91.217 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

Tgt Ion: 172 Resp: 3331552
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.3 18.6 27.8

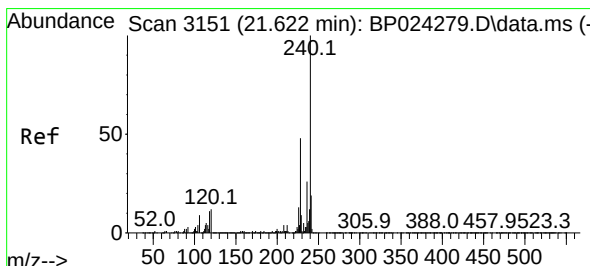
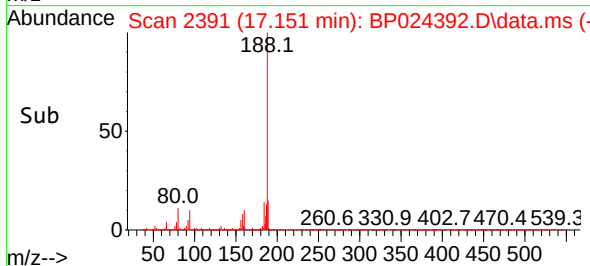
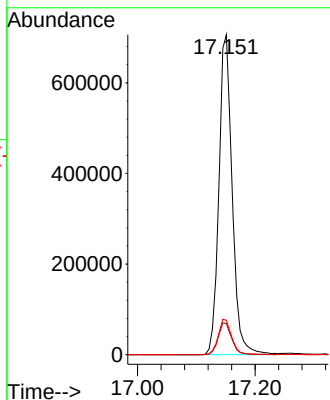
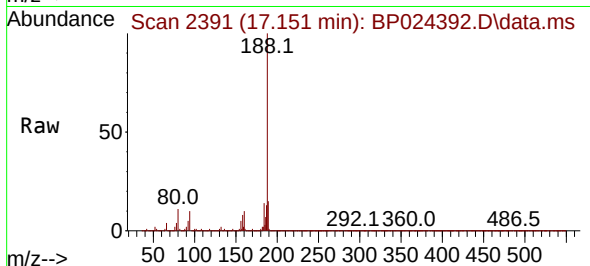




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

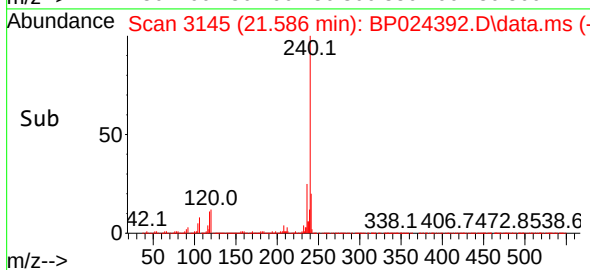
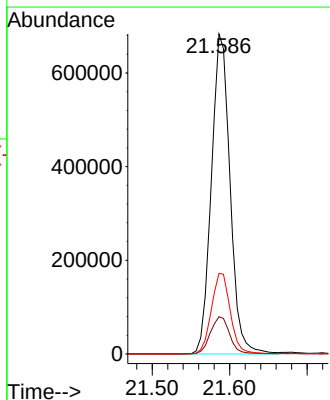
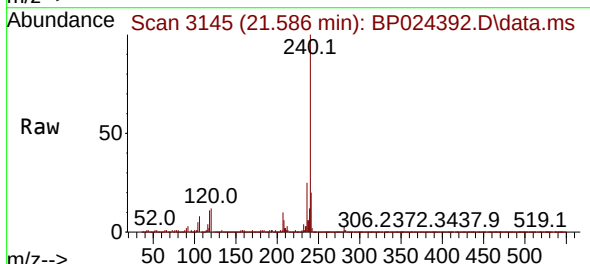
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PB167700BL

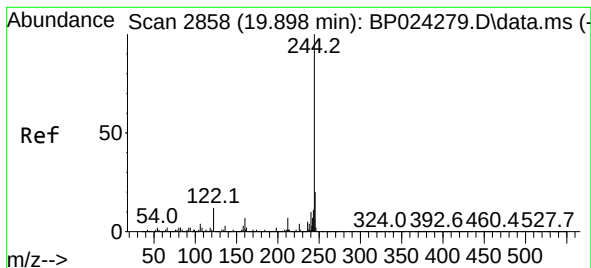
Tgt Ion:188 Resp: 1108948
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.7 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024392.D
Acq: 23 Apr 2025 12:05

Tgt Ion:240 Resp: 1143200
Ion Ratio Lower Upper
240 100
120 11.7 9.8 14.8
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 94.496 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024392.D

Acq: 23 Apr 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB167700BL

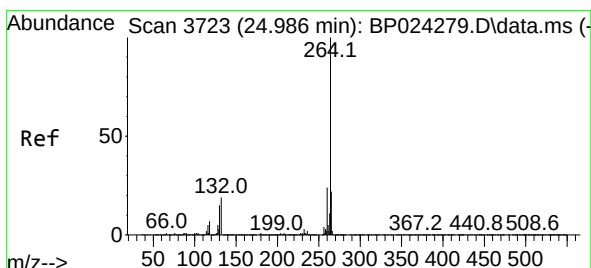
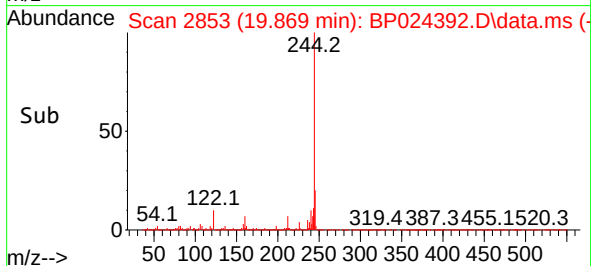
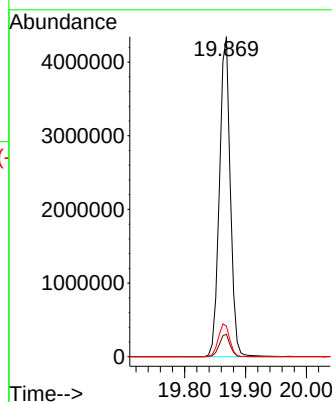
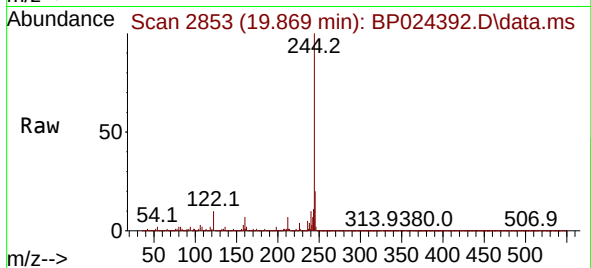
Tgt Ion:244 Resp: 5359491

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024392.D

Acq: 23 Apr 2025 12:05

Tgt Ion:264 Resp: 1302337

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 17.8 26.6

