

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024356.D
 Acq On : 21 Apr 2025 10:49
 Operator : RC/JU
 Sample : PB167655BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167655BL

Quant Time: Apr 21 11:42:54 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	221490	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	866398	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	533107	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1057274	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1168237	20.000	ng	0.00
86) Perylene-d12	24.933	264	1347844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1990005	148.557	ng	0.00
7) Phenol-d6	6.911	99	2465143	134.397	ng	0.00
23) Nitrobenzene-d5	8.869	82	1468414	96.642	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1078493	146.220	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	3291217	94.525	ng	0.00
79) Terphenyl-d14	19.869	244	5565067	96.018	ng	0.00

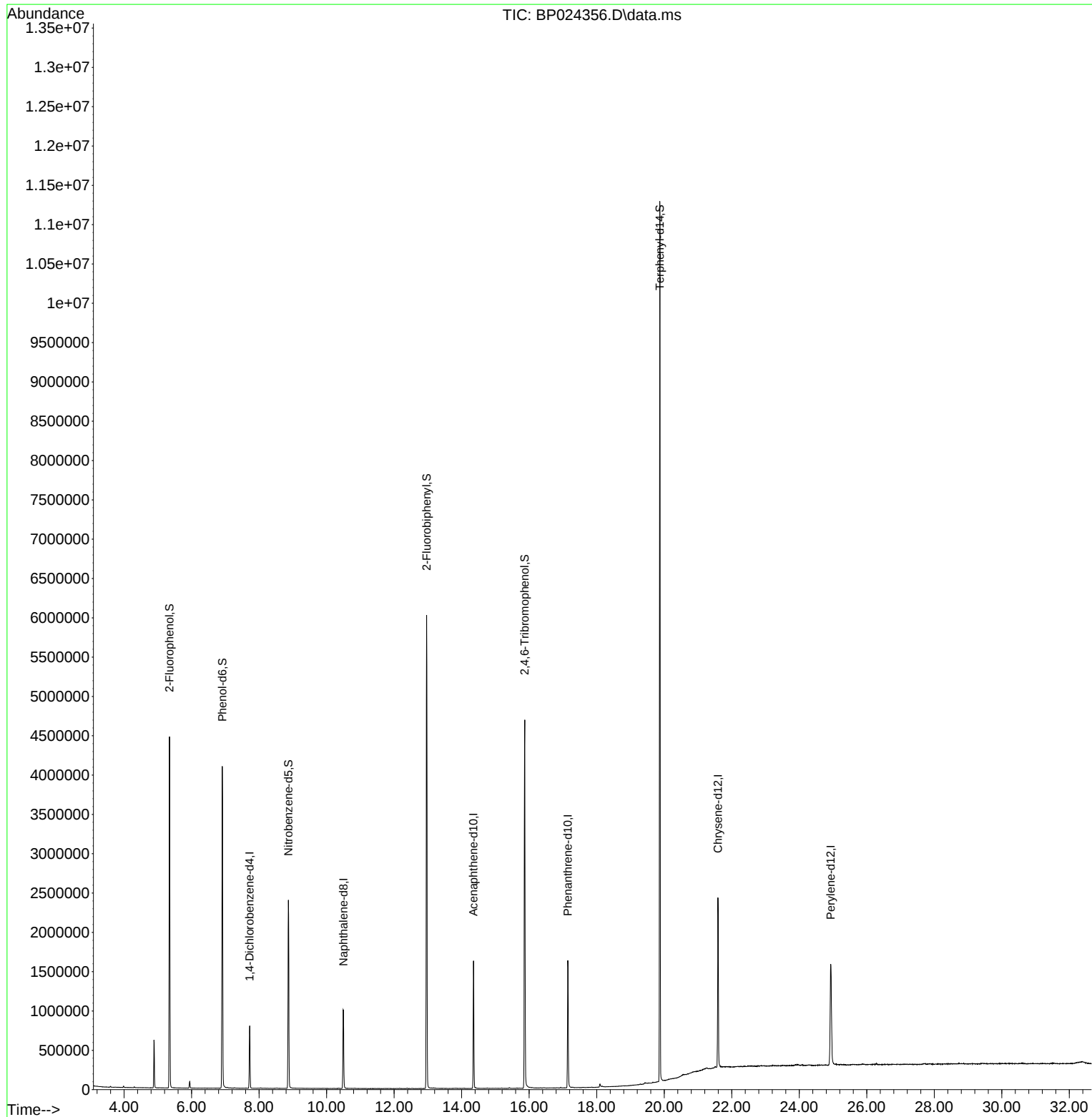
Target Compounds	Qvalue

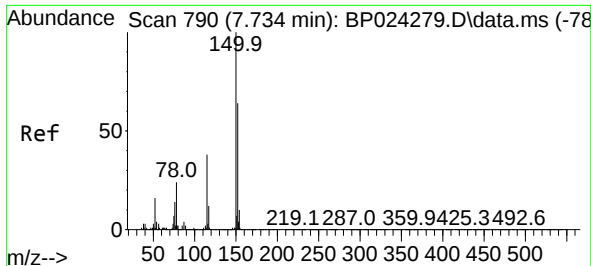
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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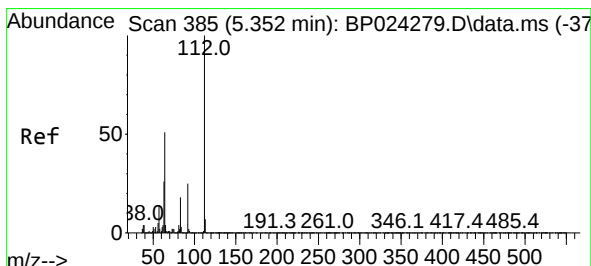
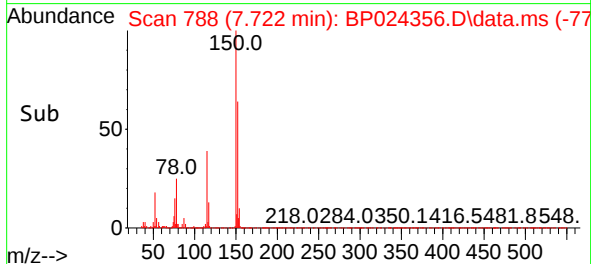
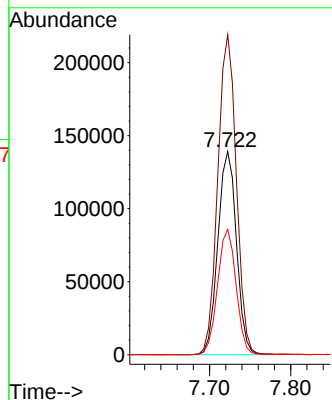
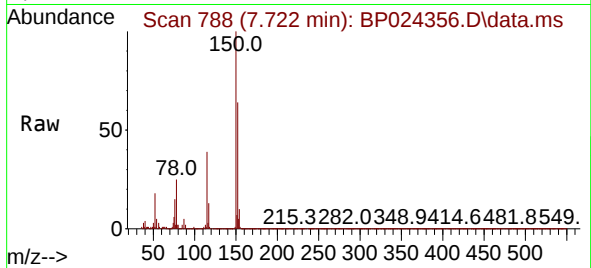




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

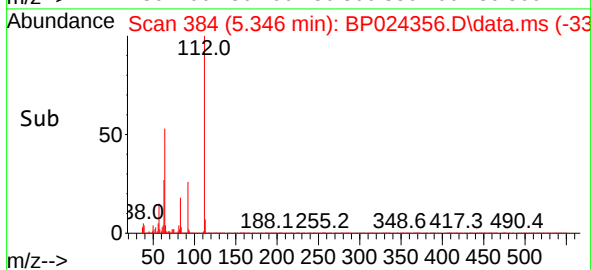
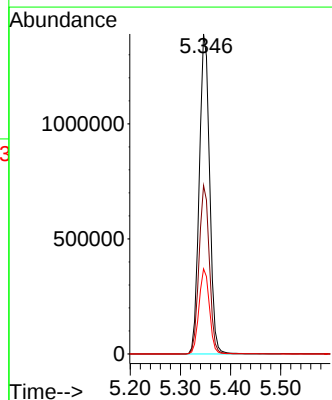
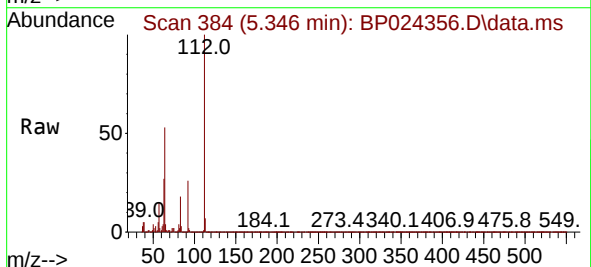
Instrument :
BNA_P
ClientSampleId :
PB167655BL

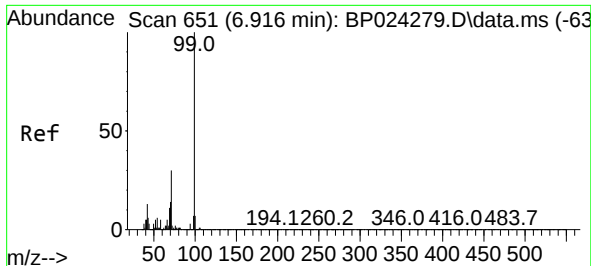
Tgt Ion:152 Resp: 221490
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 61.7 47.7 71.5



#5
2-Fluorophenol
Concen: 148.557 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

Tgt Ion:112 Resp: 1990005
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 26.6 20.6 30.8

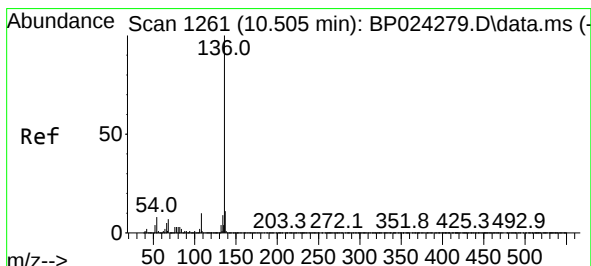
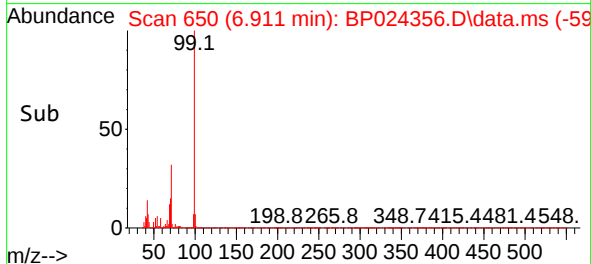
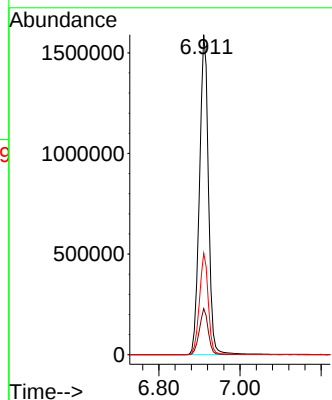
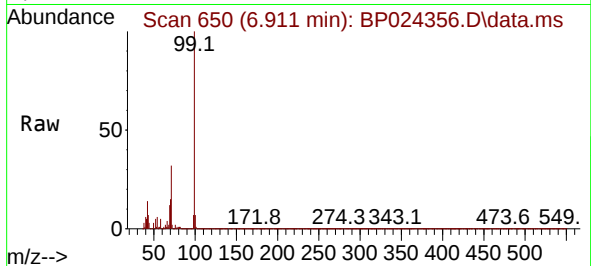




#7
Phenol-d6
Concen: 134.397 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

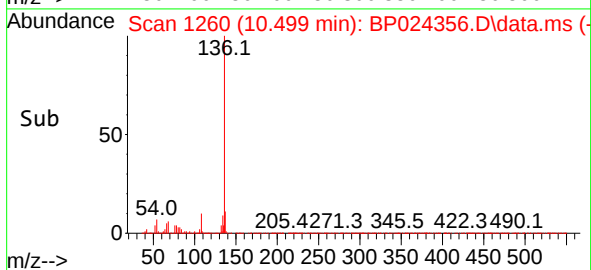
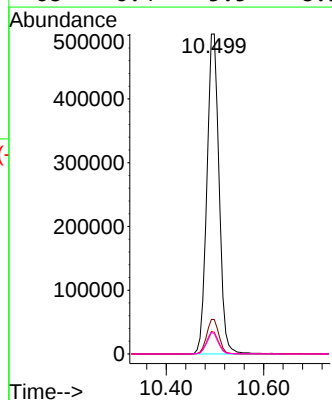
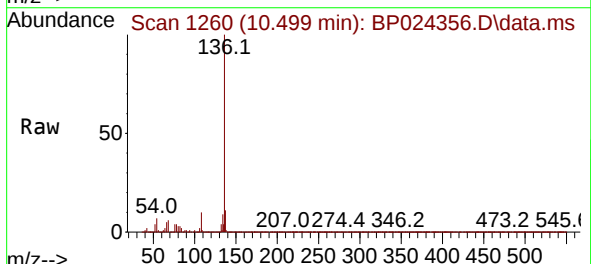
Instrument :
BNA_P
ClientSampleId :
PB167655BL

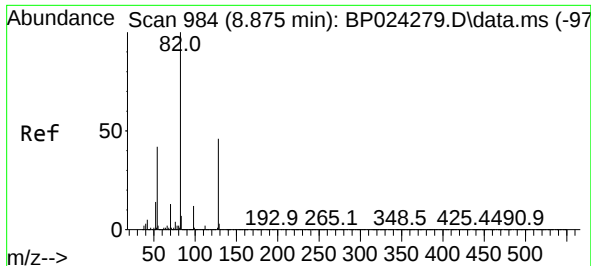
Tgt Ion: 99 Resp: 2465143
Ion Ratio Lower Upper
99 100
42 14.4 10.6 16.0
71 31.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

Tgt Ion:136 Resp: 866398
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 6.4 5.5 8.3

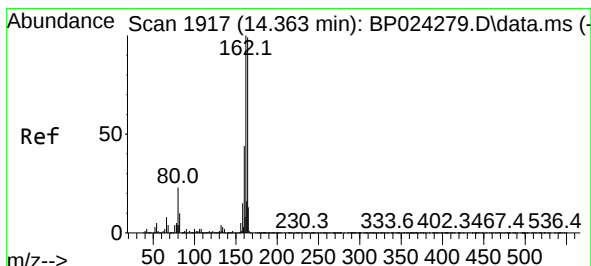
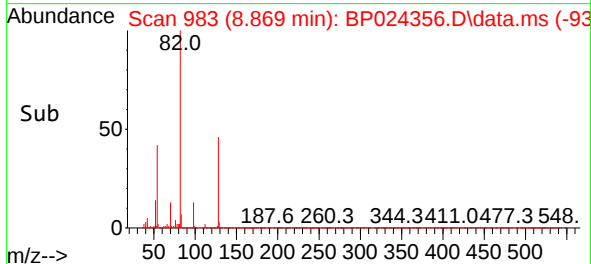
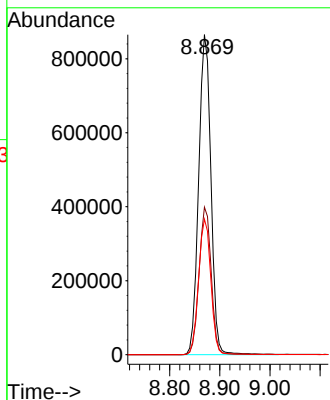
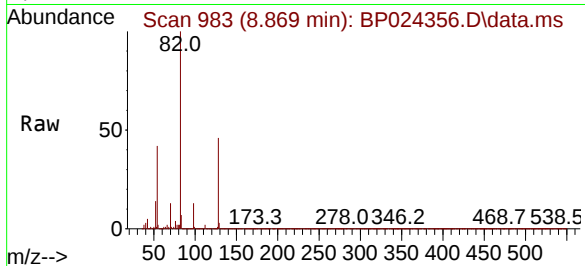




#23
Nitrobenzene-d5
Concen: 96.642 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

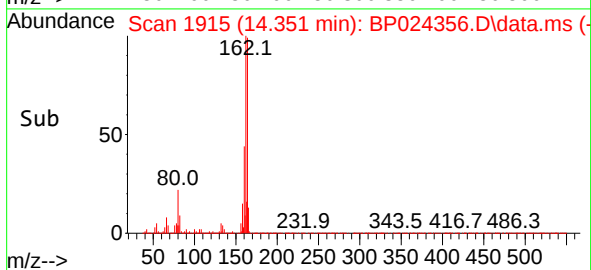
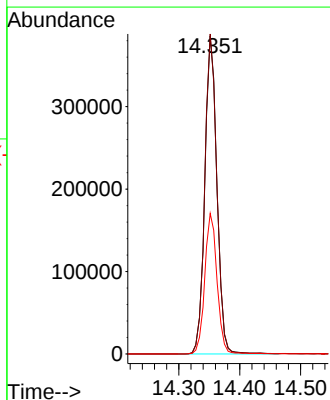
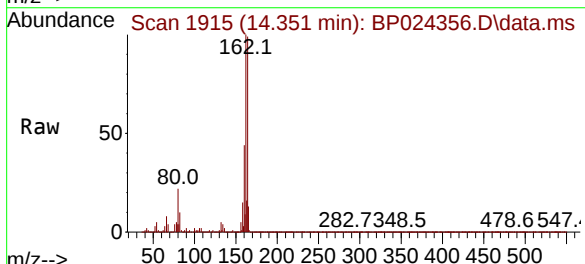
Instrument :
BNA_P
ClientSampleId :
PB167655BL

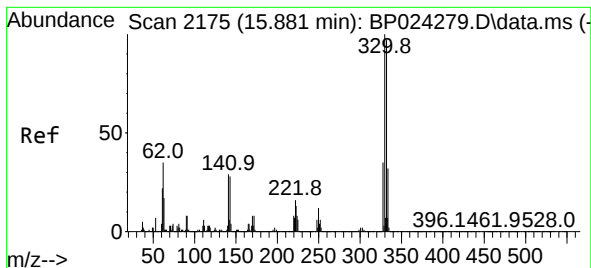
Tgt Ion: 82 Resp: 1468414
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 42.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

Tgt Ion:164 Resp: 533107
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 146.220 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024356.D

Acq: 21 Apr 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB167655BL

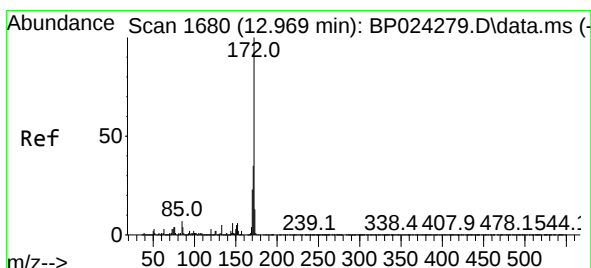
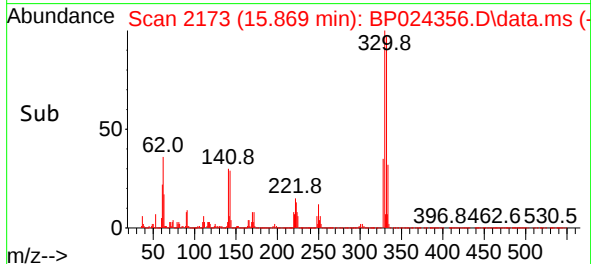
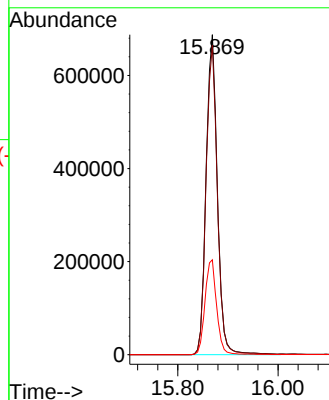
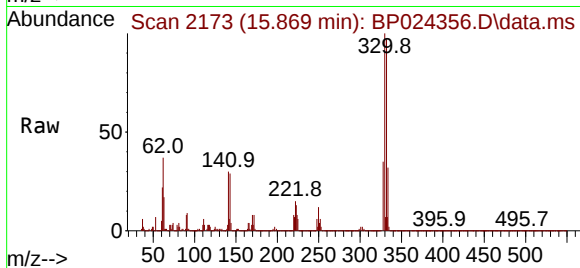
Tgt Ion:330 Resp: 1078493

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 30.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.525 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024356.D

Acq: 21 Apr 2025 10:49

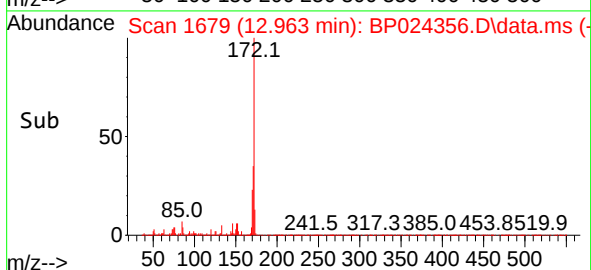
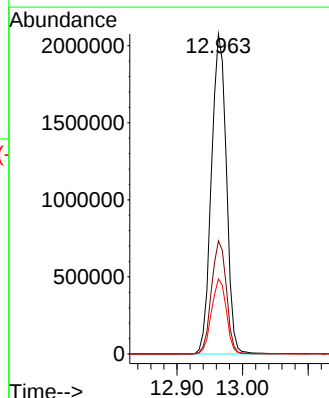
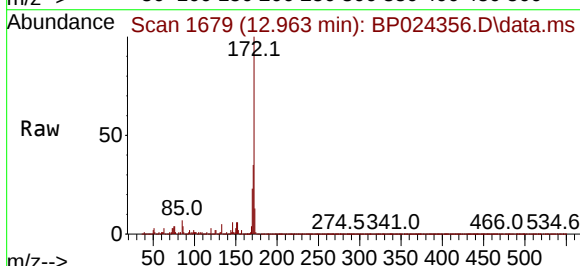
Tgt Ion:172 Resp: 3291217

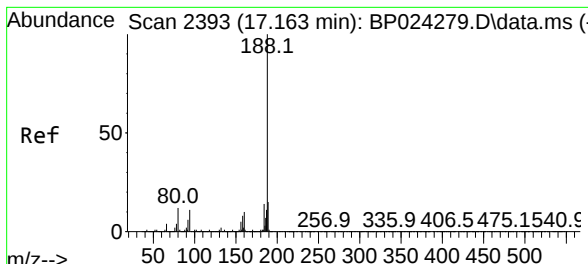
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8

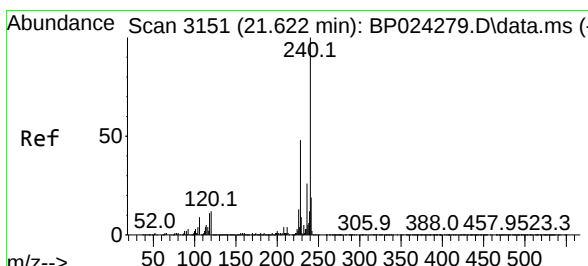
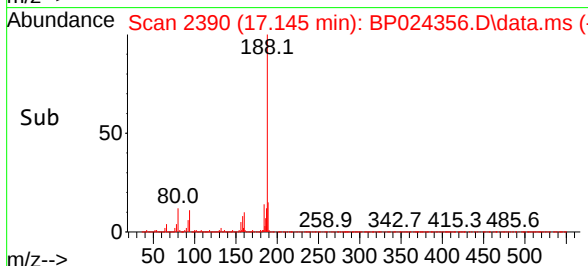
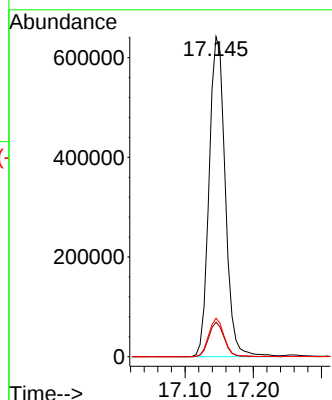
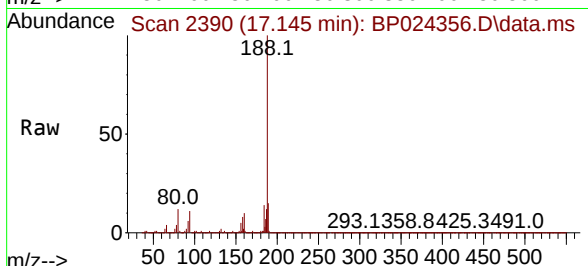




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

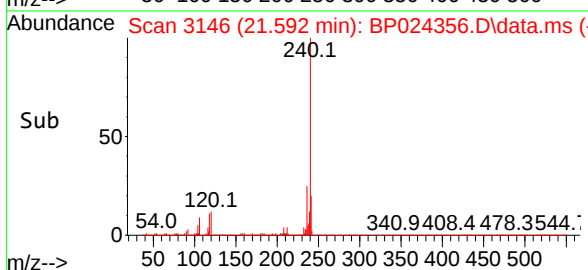
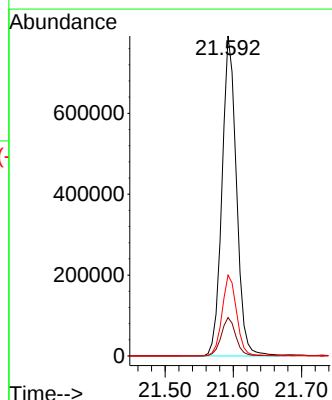
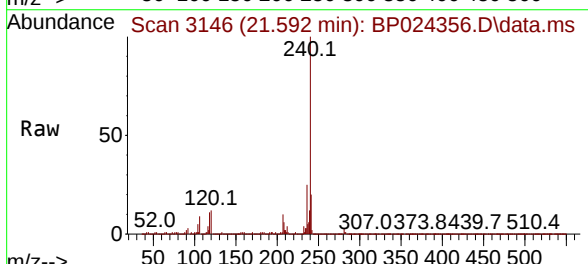
Instrument :
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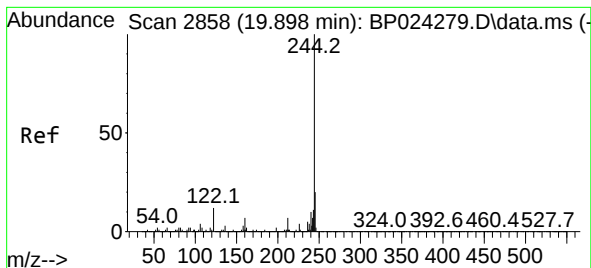
Tgt Ion:188 Resp: 1057274
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 12.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024356.D
Acq: 21 Apr 2025 10:49

Tgt Ion:240 Resp: 1168237
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.8
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 96.018 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024356.D

Acq: 21 Apr 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB167655BL

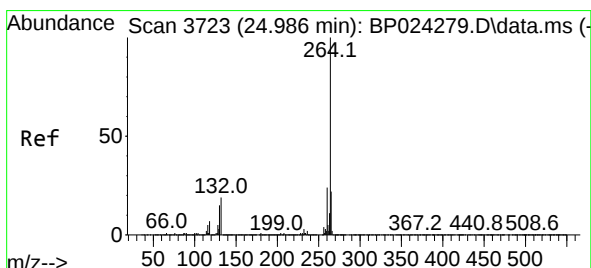
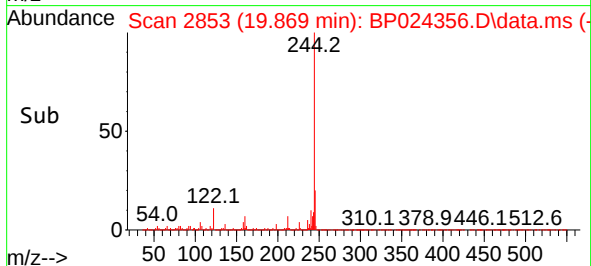
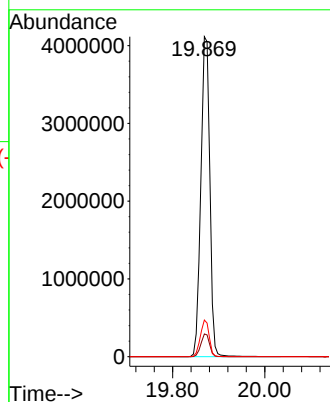
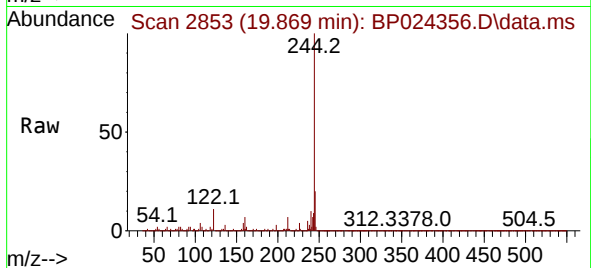
Tgt Ion:244 Resp: 5565067

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024356.D

Acq: 21 Apr 2025 10:49

Tgt Ion:264 Resp: 1347844

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.9 17.8 26.6

