

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024338.D
 Acq On : 18 Apr 2025 11:54
 Operator : RC/JU
 Sample : PB167625BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167625BL

Quant Time: Apr 18 12:20:03 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	7.728	152	245010	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	973174	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	589955	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1105813	20.000	ng	0.02
76) Chrysene-d12	21.610	240	1122373	20.000	ng	0.02
86) Perylene-d12	24.951	264	1307380	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2139410	144.379	ng	0.00
7) Phenol-d6	6.917	99	2664237	131.307	ng	0.00
23) Nitrobenzene-d5	8.869	82	1610574	94.368	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1154645	141.460	ng	0.02
45) 2-Fluorobiphenyl	12.969	172	3561335	92.427	ng	0.00
79) Terphenyl-d14	19.881	244	5377497	96.573	ng	0.00

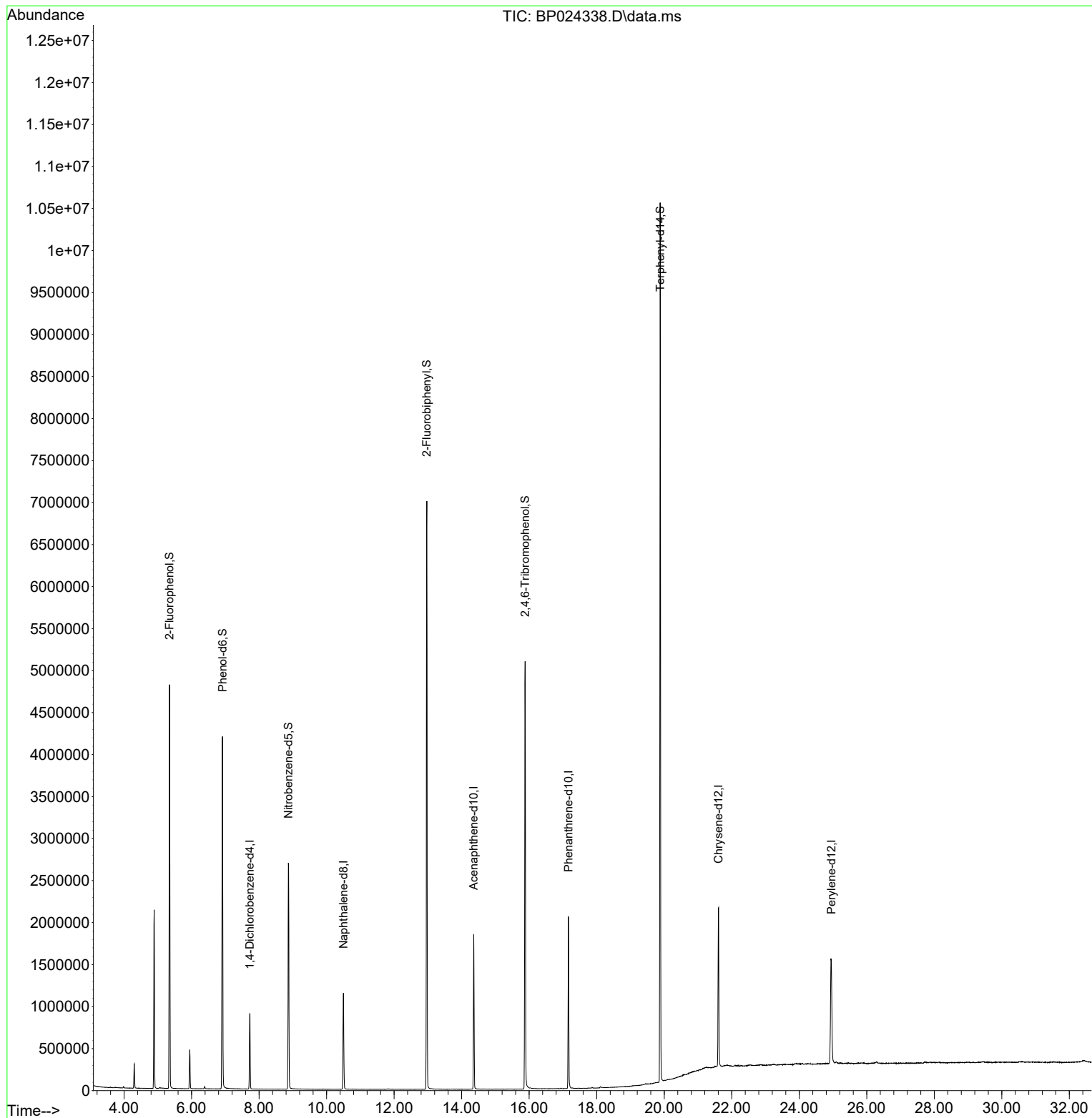
Target Compounds	Qvalue

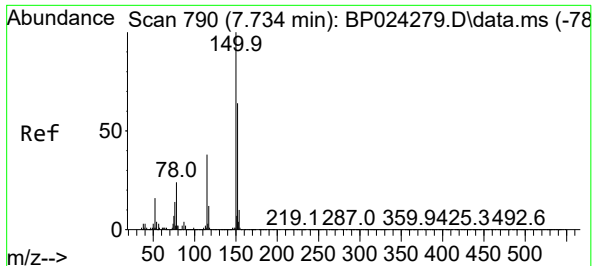
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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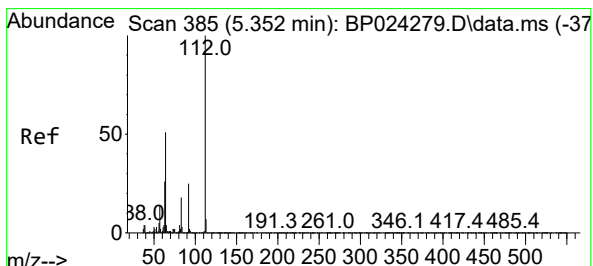
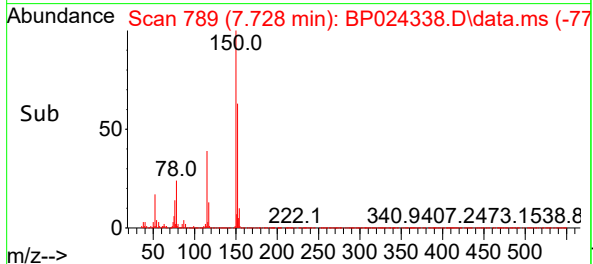
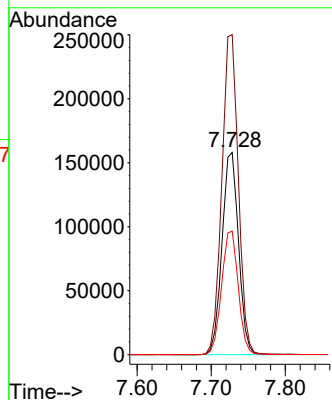
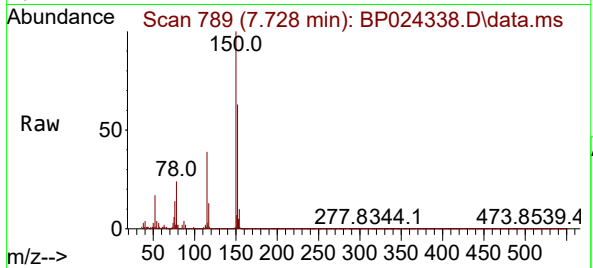




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

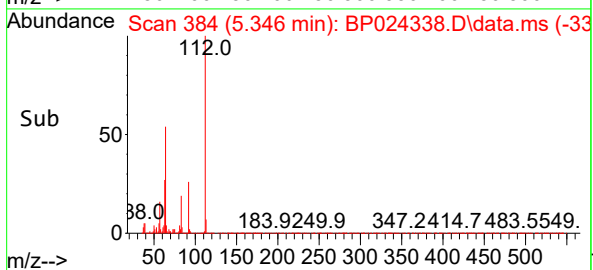
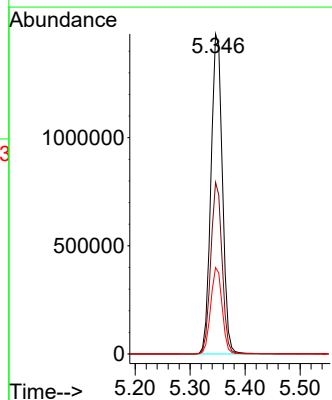
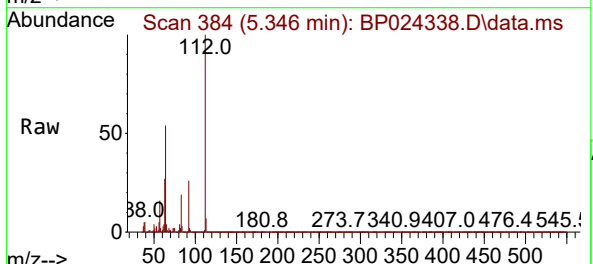
Instrument :
BNA_P
ClientSampleId :
PB167625BL

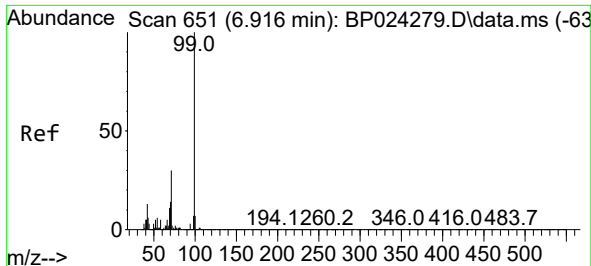
Tgt Ion:152 Resp: 245010
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 61.1 47.7 71.5



#5
2-Fluorophenol
Concen: 144.379 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

Tgt Ion:112 Resp: 2139410
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 27.0 20.6 30.8

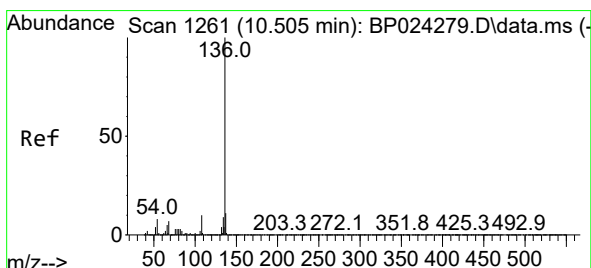
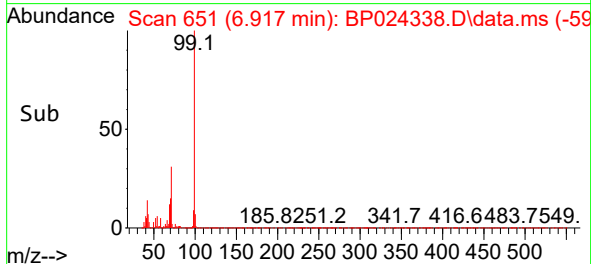
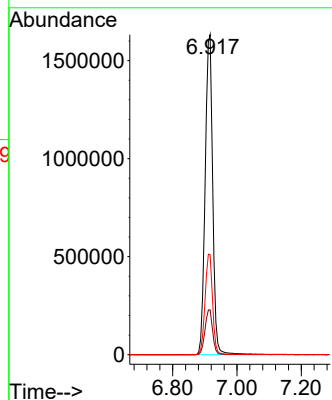
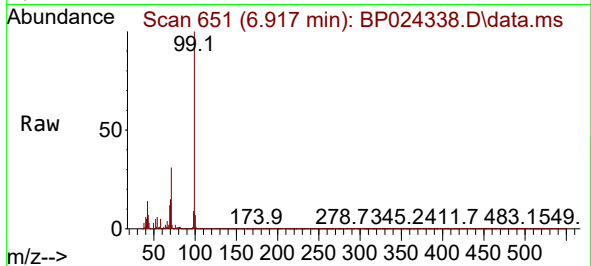




#7
Phenol-d6
Concen: 131.307 ng
RT: 6.917 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

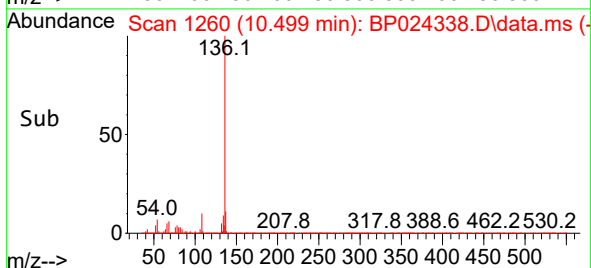
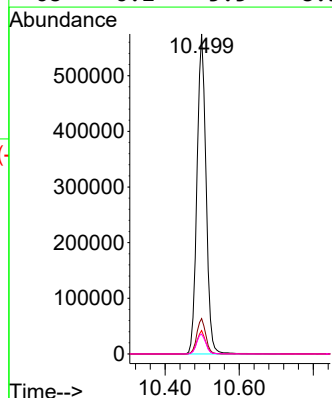
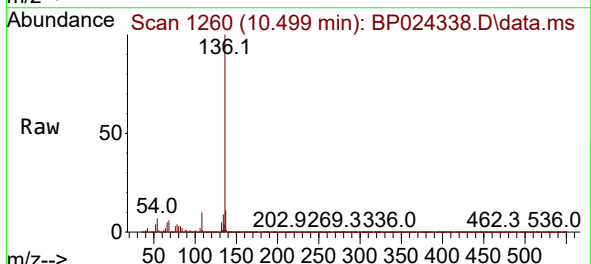
Instrument :
BNA_P
ClientSampleId :
PB167625BL

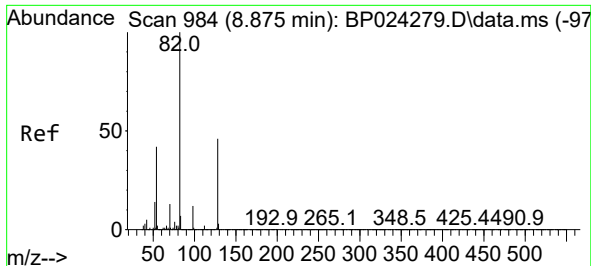
Tgt Ion: 99 Resp: 2664237
Ion Ratio Lower Upper
99 100
42 14.0 10.6 16.0
71 31.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

Tgt Ion:136 Resp: 973174
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.3 6.0 9.0
68 6.2 5.5 8.3

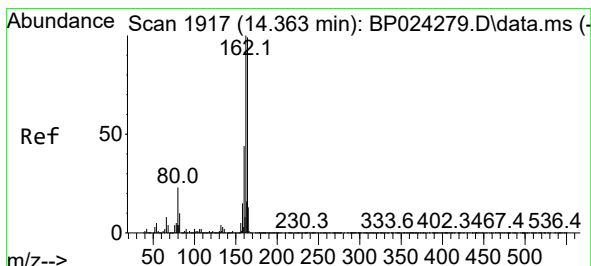
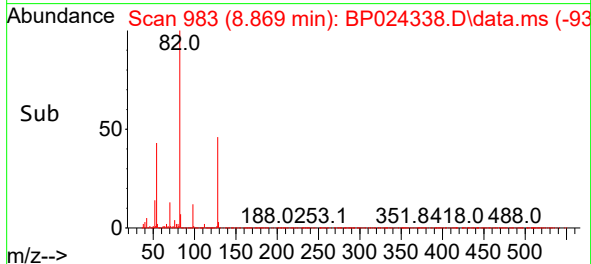
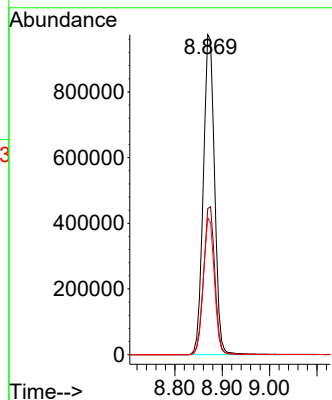
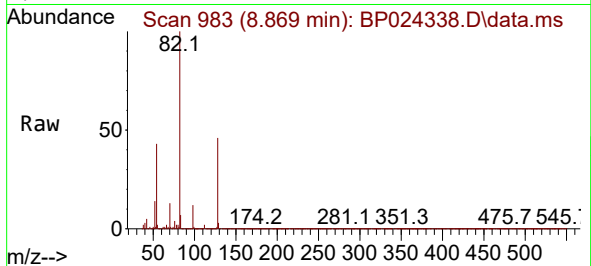




#23
Nitrobenzene-d5
Concen: 94.368 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

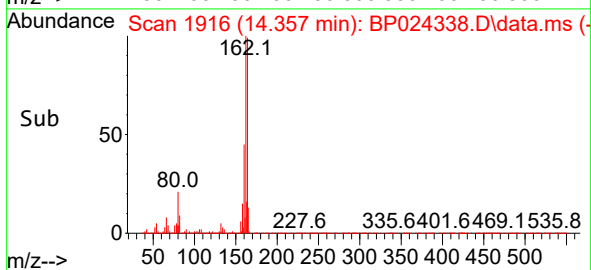
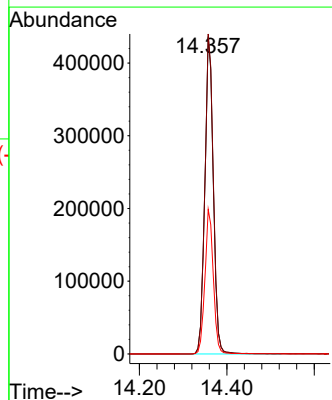
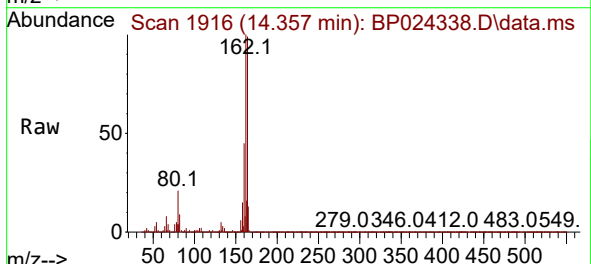
Instrument :
BNA_P
ClientSampleId :
PB167625BL

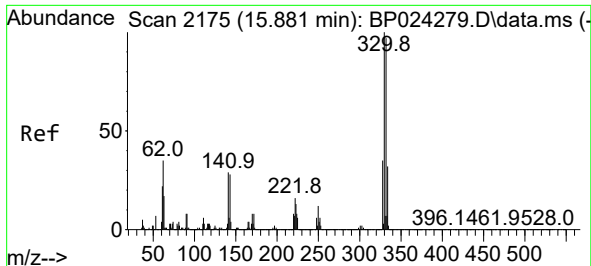
Tgt Ion: 82 Resp: 1610574
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 42.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

Tgt Ion: 164 Resp: 589955
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.6 35.3 52.9

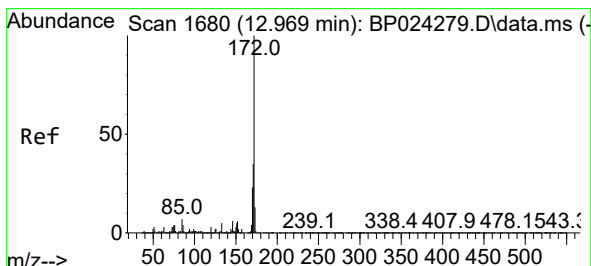
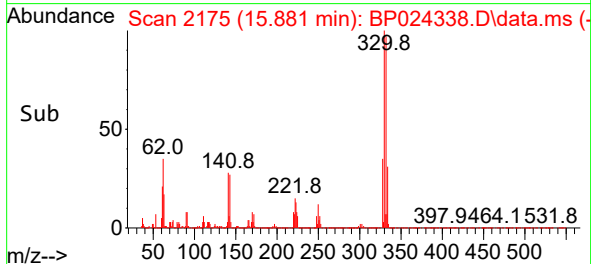
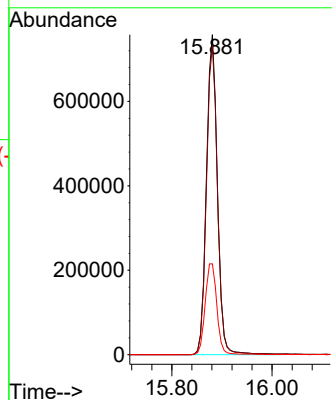
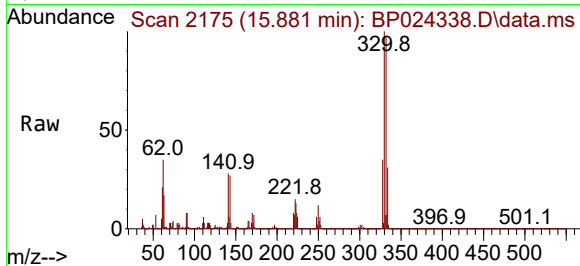




#42
2,4,6-Tribromophenol
Concen: 141.460 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.018 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

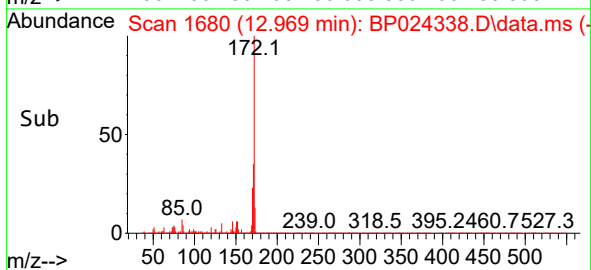
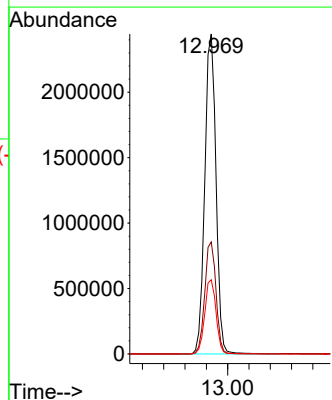
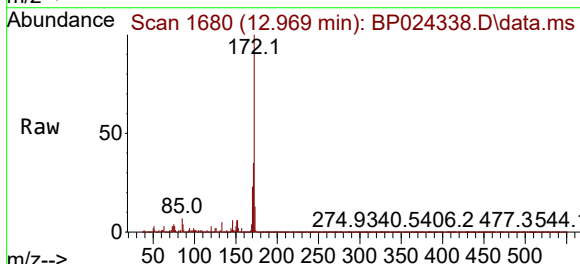
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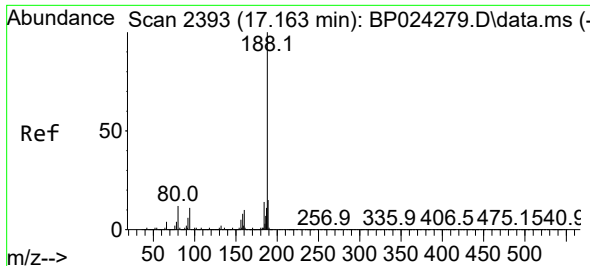
Tgt Ion:330 Resp: 1154645
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 30.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.427 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

Tgt Ion:172 Resp: 3561335
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.2 18.6 27.8

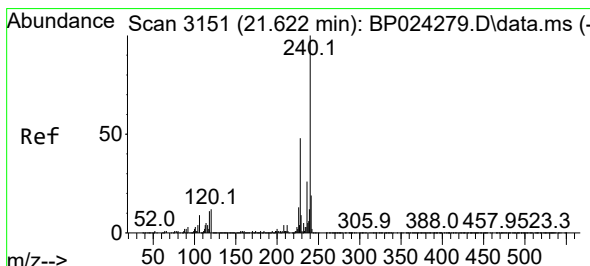
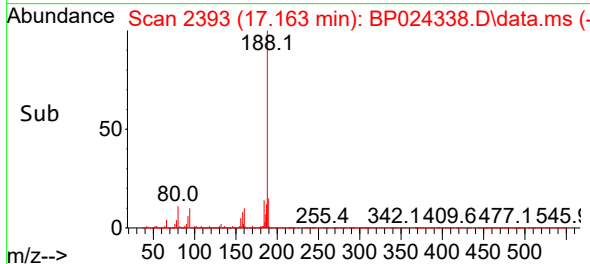
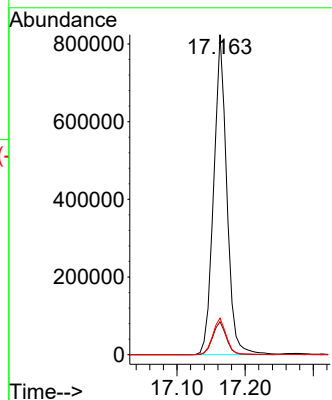
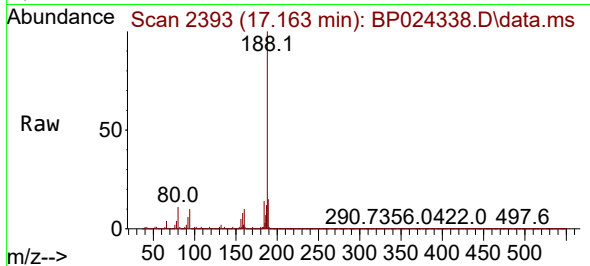




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

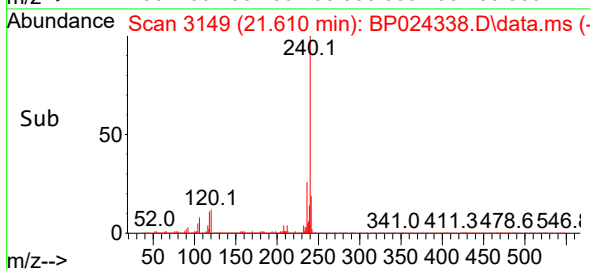
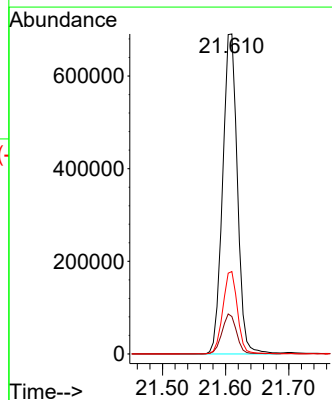
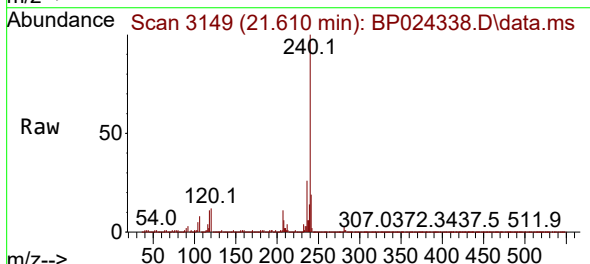
Instrument :
BNA_P
ClientSampleId :
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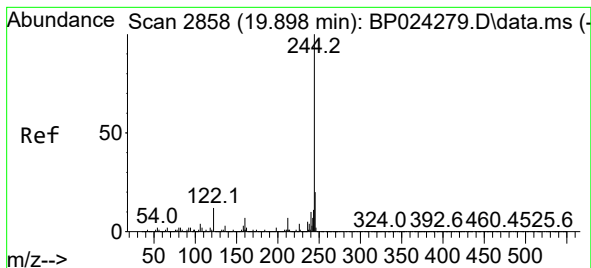
Tgt Ion:188 Resp: 1105813
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 11.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3149
Delta R.T. 0.018 min
Lab File: BP024338.D
Acq: 18 Apr 2025 11:54

Tgt Ion:240 Resp: 1122373
Ion Ratio Lower Upper
240 100
120 11.7 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 96.573 ng

RT: 19.881 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024338.D

Acq: 18 Apr 2025 11:54

Instrument :

BNA_P

ClientSampleId :

PB167625BL

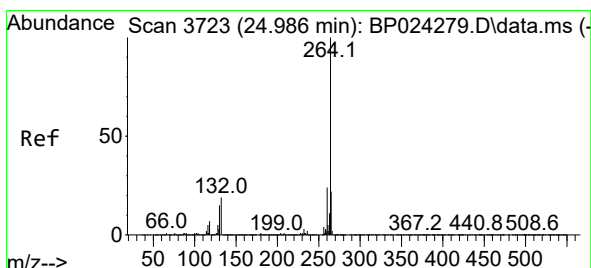
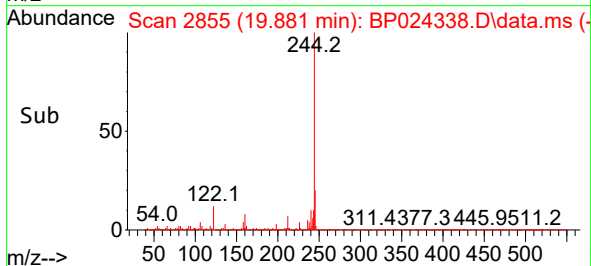
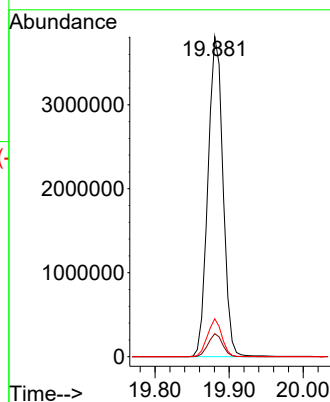
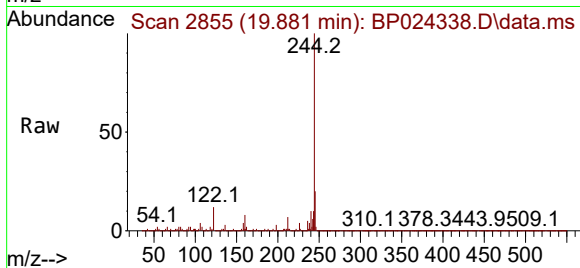
Tgt Ion:244 Resp: 5377497

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024338.D

Acq: 18 Apr 2025 11:54

Tgt Ion:264 Resp: 1307380

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.2 17.8 26.6

