

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
 Data File : BP024408.D
 Acq On : 24 Apr 2025 12:31
 Operator : RC/JU
 Sample : PB167711BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167711BL

Quant Time: Apr 24 12:56:17 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	288156	20.000	ng	0.00
21) Naphthalene-d8	10.486	136	1116360	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	654539	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1181165	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	1074963	20.000	ng	-0.02
86) Perylene-d12	24.915	264	1210803	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2338269	134.171	ng	0.00
7) Phenol-d6	6.910	99	2874772	120.469	ng	0.00
23) Nitrobenzene-d5	8.869	82	1792266	91.545	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1257538	138.864	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3941973	92.211	ng	0.00
79) Terphenyl-d14	19.857	244	5252367	98.486	ng	-0.02

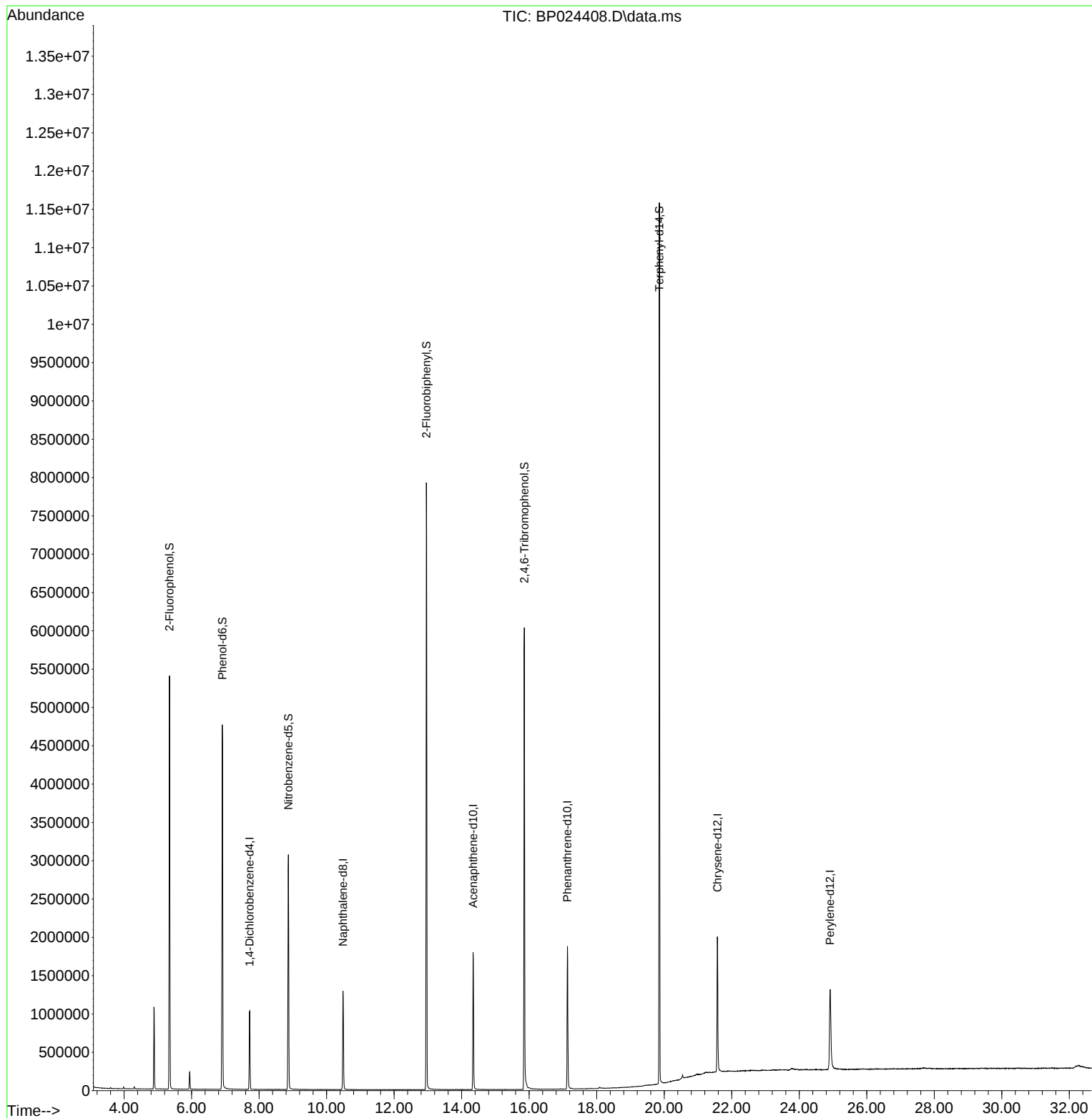
Target Compounds	Qvalue

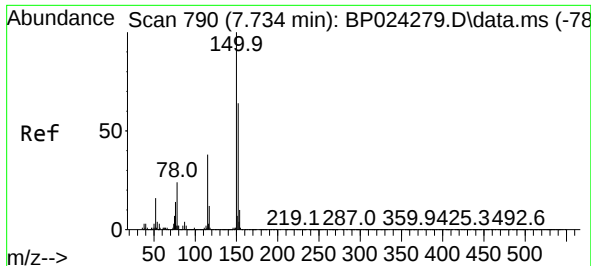
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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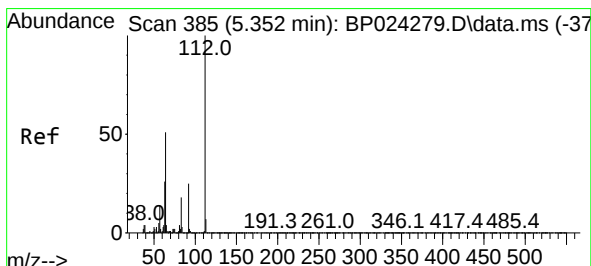
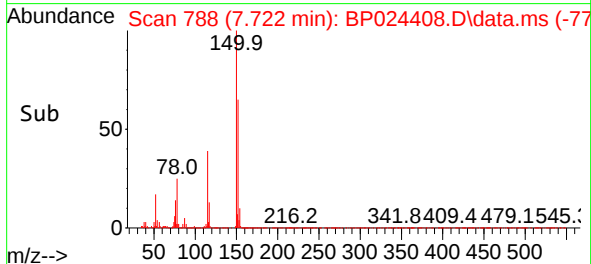
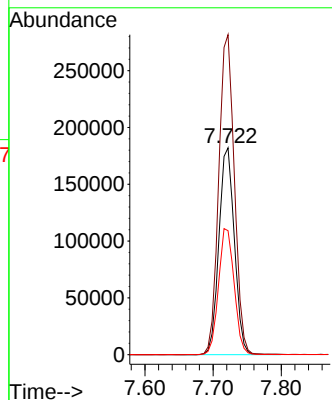
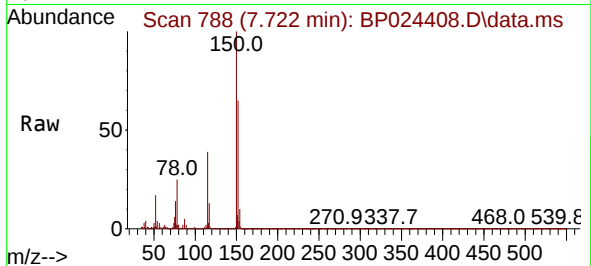




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

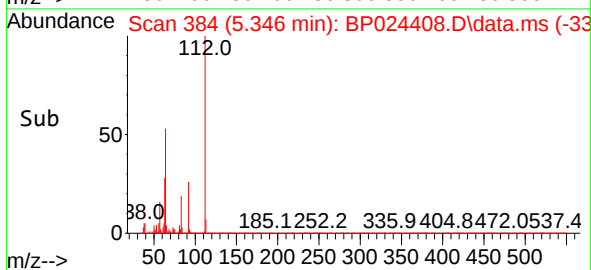
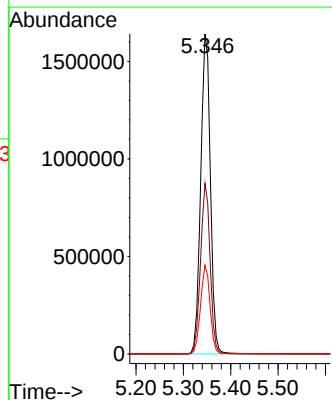
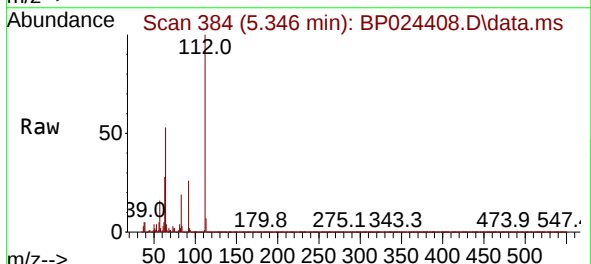
Instrument :
BNA_P
ClientSampleId :
PB167711BL

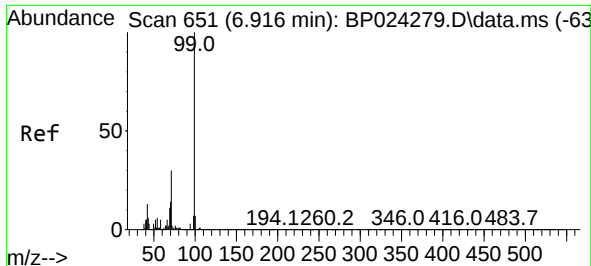
Tgt Ion:152 Resp: 288156
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 59.9 47.7 71.5



#5
2-Fluorophenol
Concen: 134.171 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.000 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

Tgt Ion:112 Resp: 2338269
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 27.7 20.6 30.8



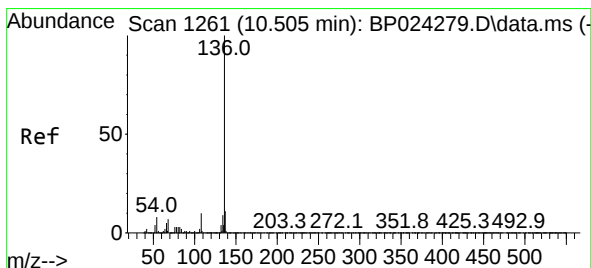
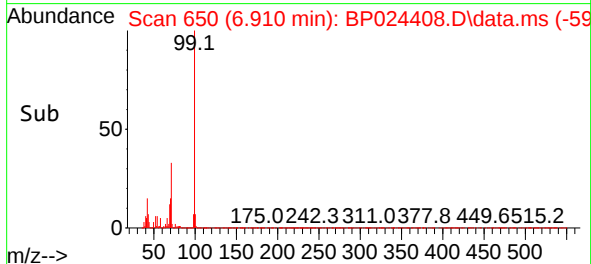
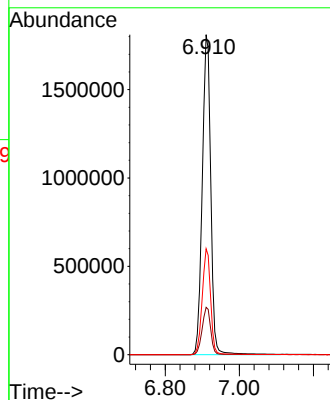
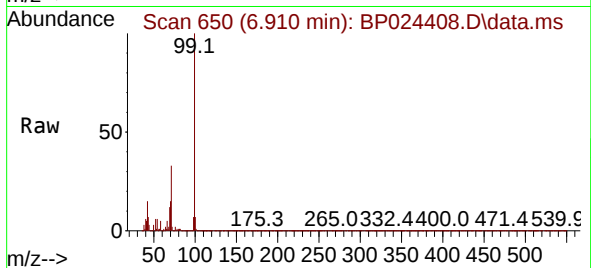


#7
Phenol-d6
Concen: 120.469 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

Instrument :
BNA_P
ClientSampleId :
PB167711BL

Tgt Ion: 99 Resp: 2874772

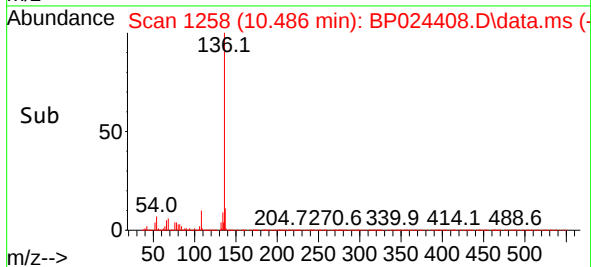
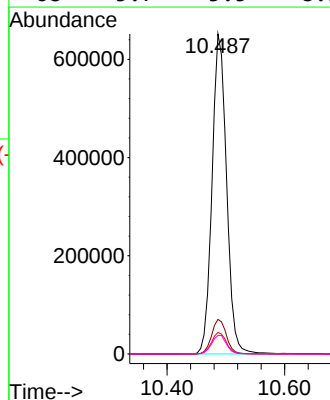
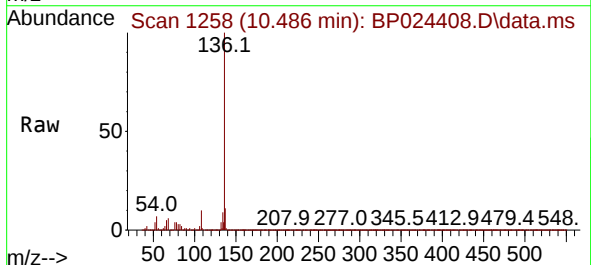
Ion	Ratio	Lower	Upper
99	100		
42	14.8	10.6	16.0
71	33.1	23.7	35.5

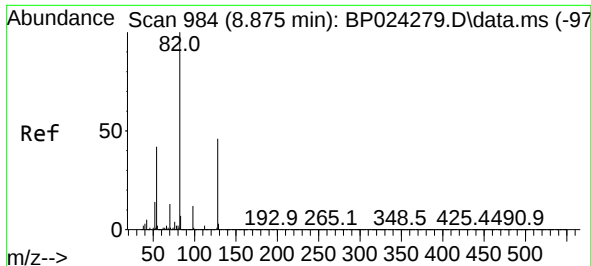


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.486 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

Tgt Ion:136 Resp: 1116360

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.8	6.0	9.0
68	5.7	5.5	8.3

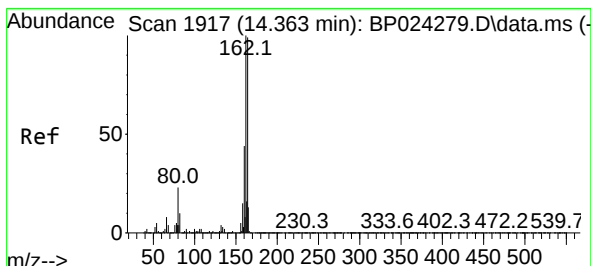
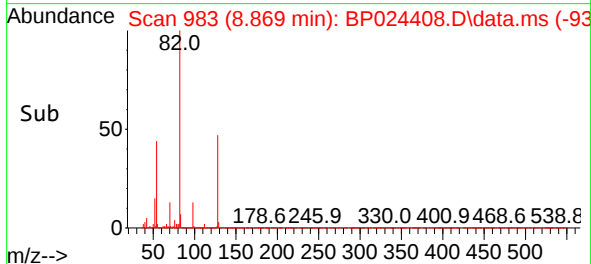
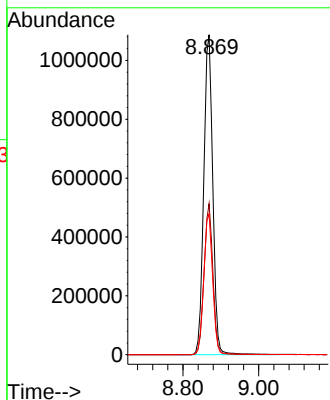
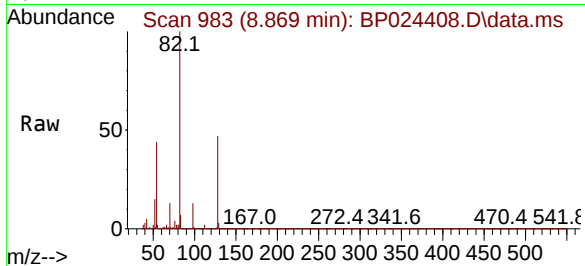




#23
Nitrobenzene-d5
Concen: 91.545 ng
RT: 8.869 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

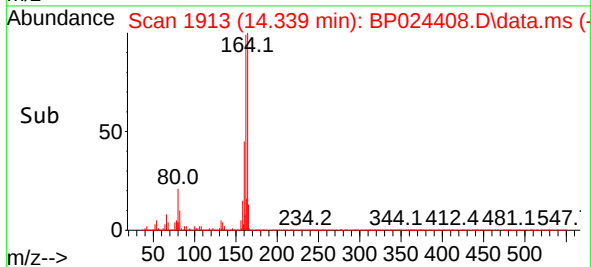
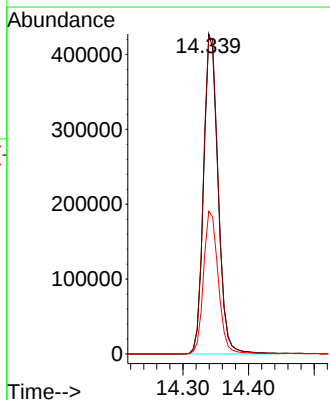
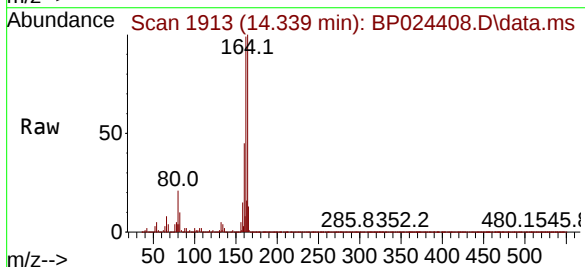
Instrument :
BNA_P
ClientSampleId :
PB167711BL

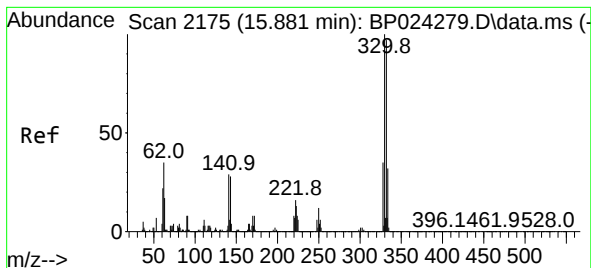
Tgt Ion: 82 Resp: 1792266
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 44.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

Tgt Ion:164 Resp: 654539
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.6 35.3 52.9

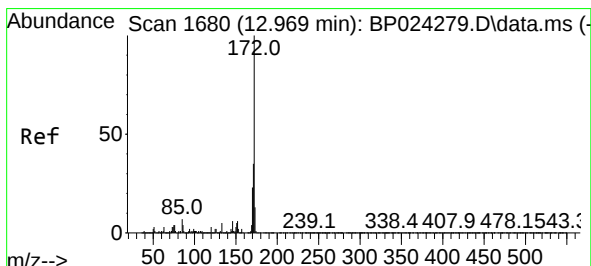
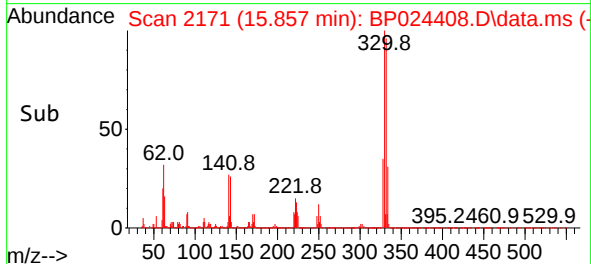
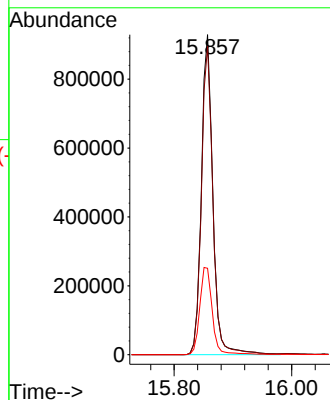
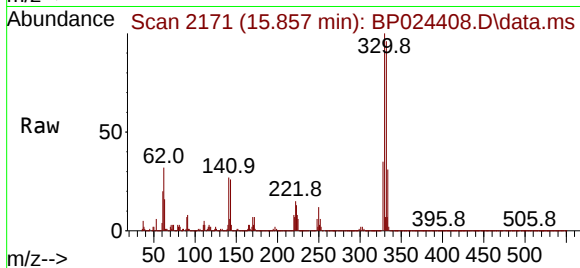




#42
2,4,6-Tribromophenol
Concen: 138.864 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

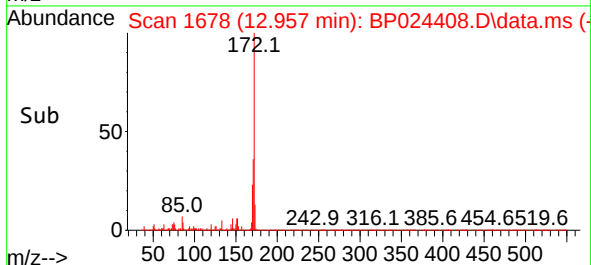
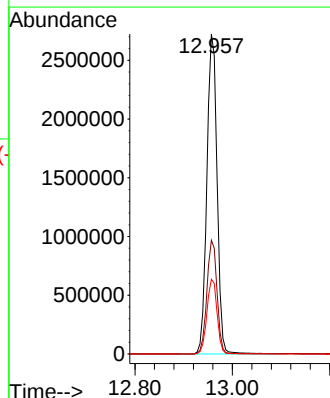
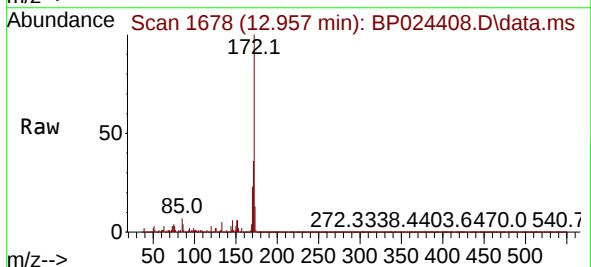
Instrument :
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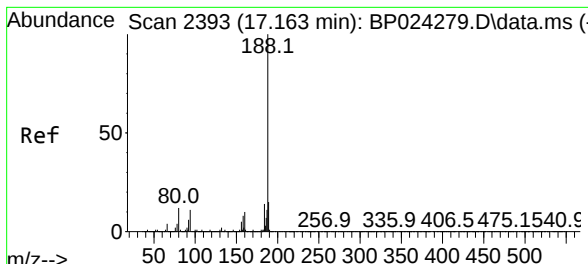
Tgt Ion:330 Resp: 1257538
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.211 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024408.D
Acq: 24 Apr 2025 12:31

Tgt Ion:172 Resp: 3941973
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.6 27.8



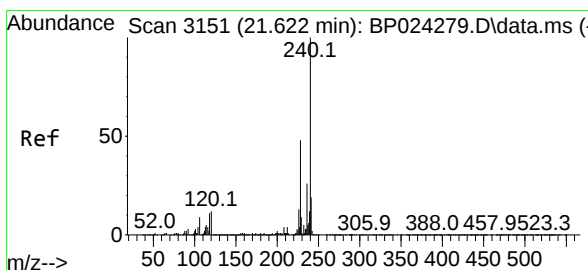
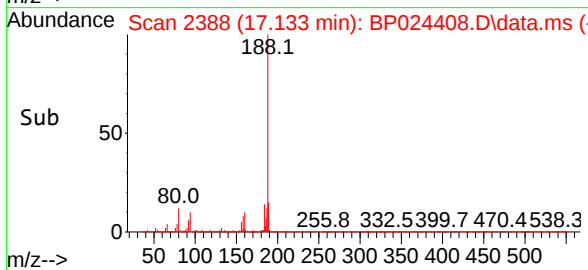
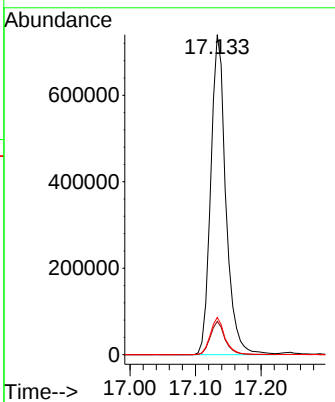
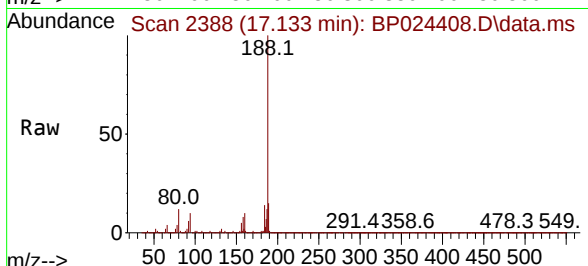


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.133 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024408.D
 Acq: 24 Apr 2025 12:31

Instrument :
 BNA_P
 ClientSampleId :
 PB167711BL

Tgt Ion:188 Resp: 1181165

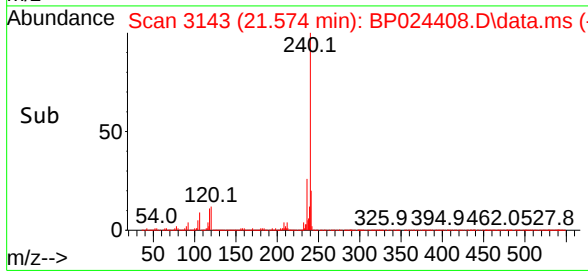
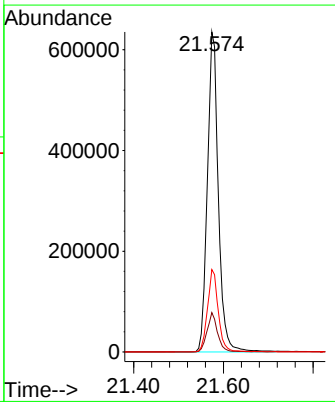
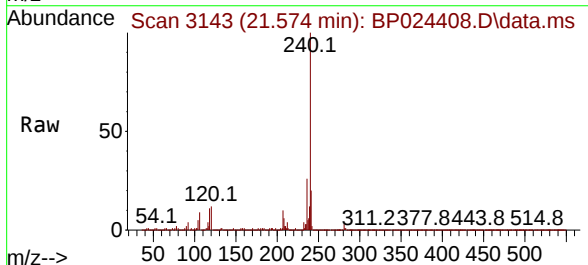
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.6	9.8	14.6

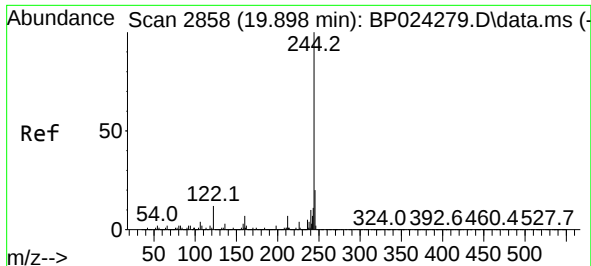


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.574 min Scan# 3143
 Delta R.T. -0.018 min
 Lab File: BP024408.D
 Acq: 24 Apr 2025 12:31

Tgt Ion:240 Resp: 1074963

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.8	14.8
236	25.8	20.9	31.3

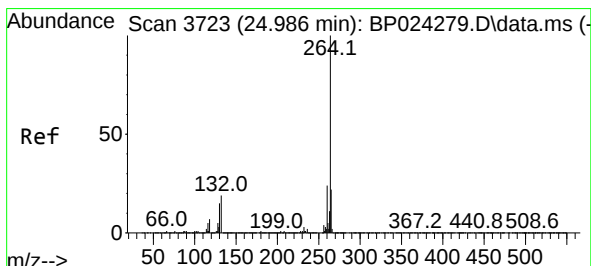
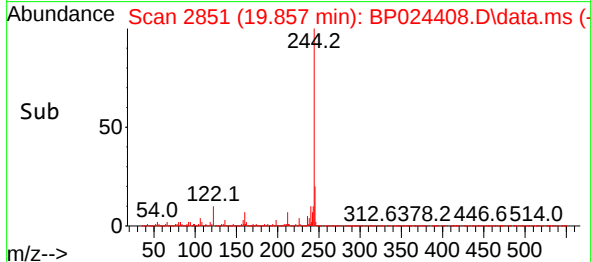
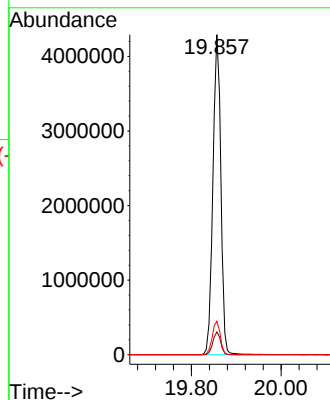
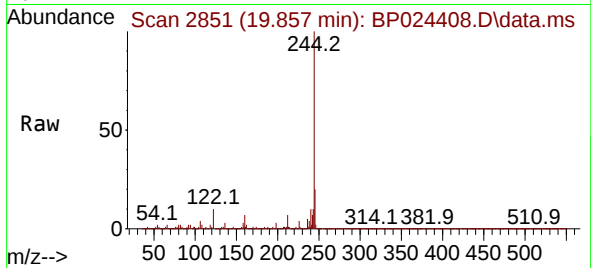




#79
 Terphenyl-d14
 Concen: 98.486 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024408.D
 Acq: 24 Apr 2025 12:31

Instrument :
 BNA_P
 ClientSampleId :
 PB167711BL

Tgt Ion:244 Resp: 5252367
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.5 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.915 min Scan# 3711
 Delta R.T. -0.018 min
 Lab File: BP024408.D
 Acq: 24 Apr 2025 12:31

Tgt Ion:264 Resp: 1210803
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.5 17.8 26.6

