

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
 Data File : BP024415.D
 Acq On : 24 Apr 2025 19:58
 Operator : RC/JU
 Sample : Q1852-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-12013

Quant Time: Apr 25 01:02:59 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	7.716	152	144286	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	552850	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	335865	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	732365	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1000179	20.000	ng	-0.01
86) Perylene-d12	24.909	264	1136137	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1164381	133.433	ng	0.00
7) Phenol-d6	6.904	99	1373857	114.979	ng	0.00
23) Nitrobenzene-d5	8.863	82	889601	91.754	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	726686	156.382	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1934955	88.209	ng	0.00
79) Terphenyl-d14	19.863	244	4253407	85.718	ng	-0.01

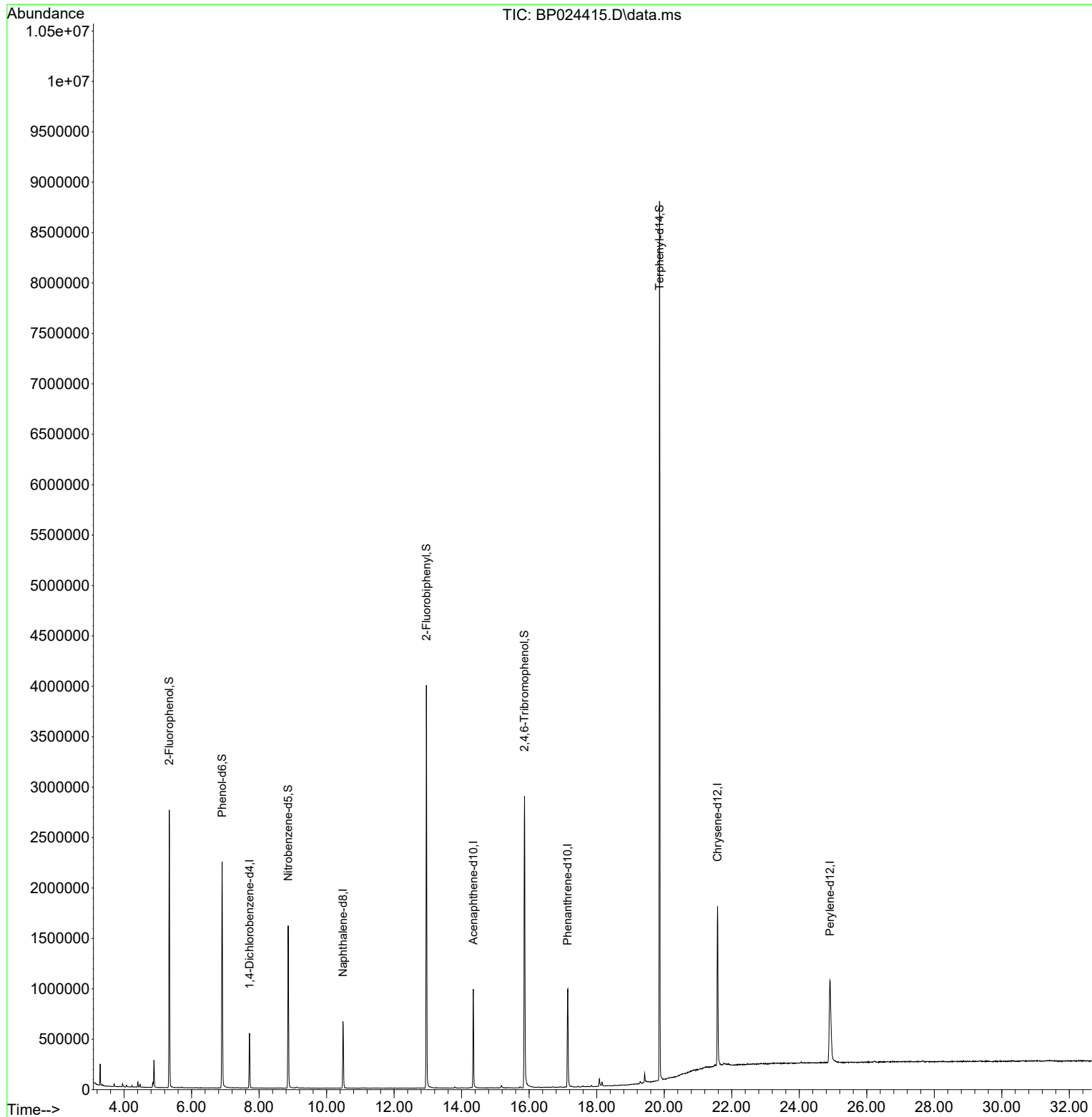
Target Compounds	Qvalue

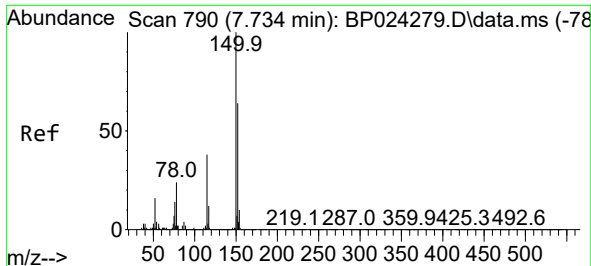
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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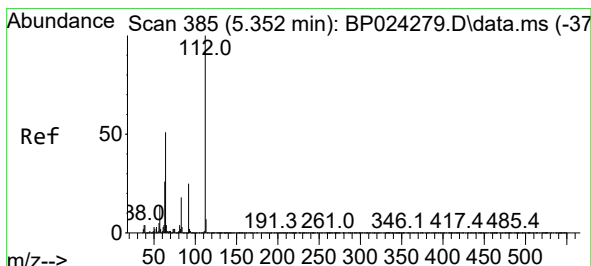
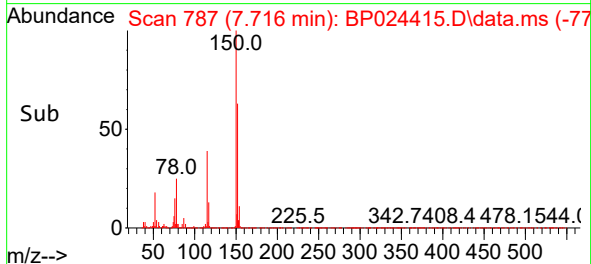
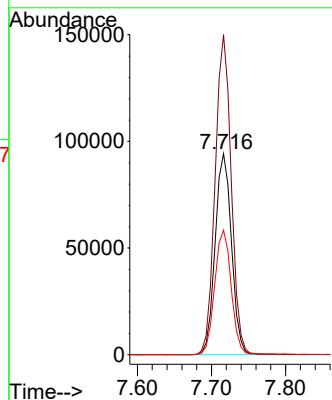
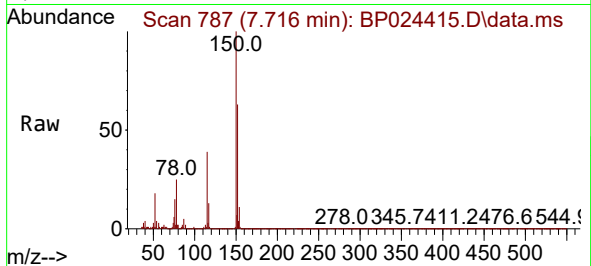




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

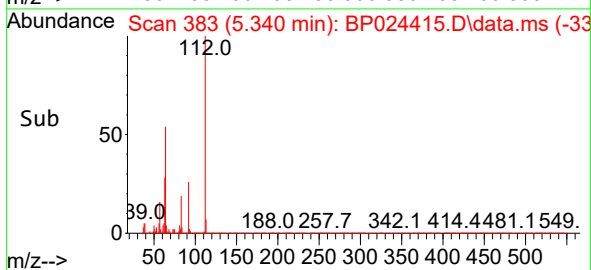
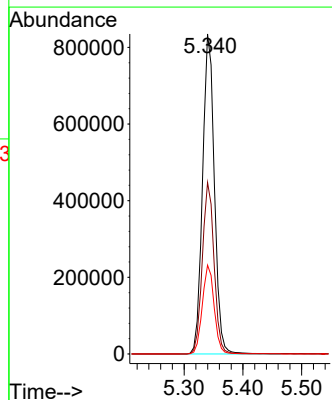
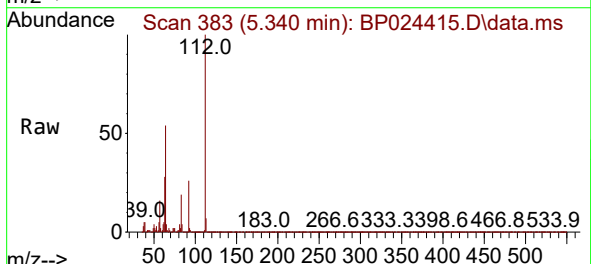
Instrument :
BNA_P
ClientSampleId :
72-12013

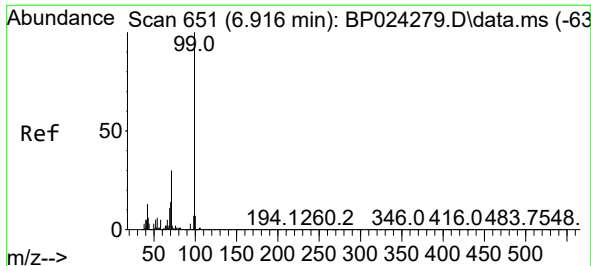
Tgt Ion:152 Resp: 144286
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 61.9 47.7 71.5



#5
2-Fluorophenol
Concen: 133.433 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

Tgt Ion:112 Resp: 1164381
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 27.7 20.6 30.8

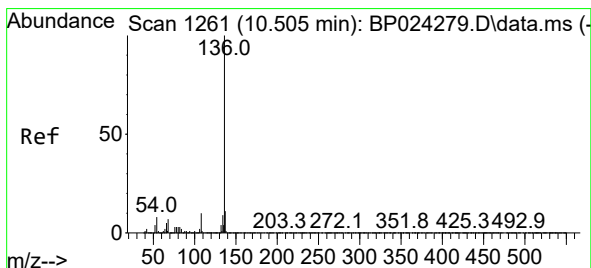
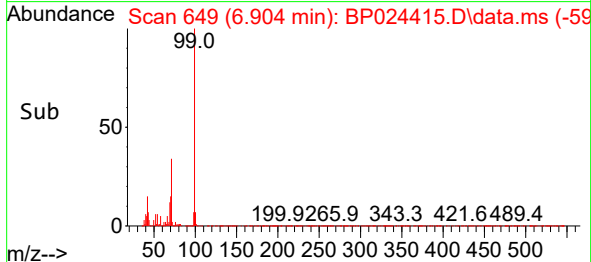
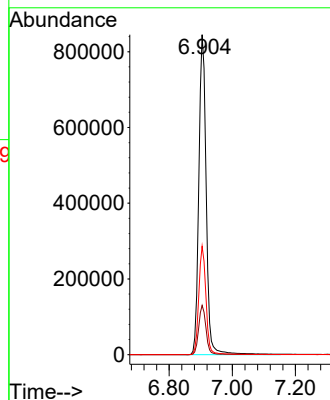
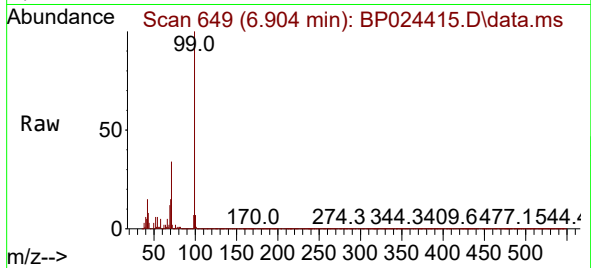




#7
Phenol-d6
Concen: 114.979 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

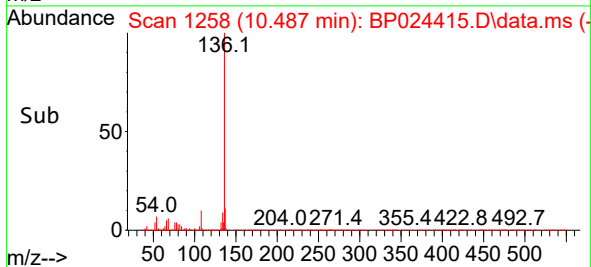
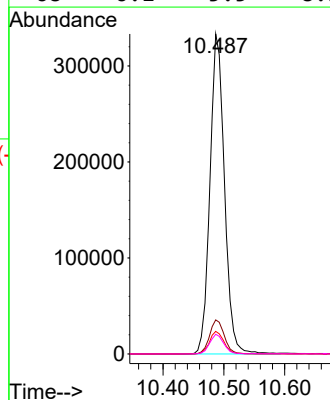
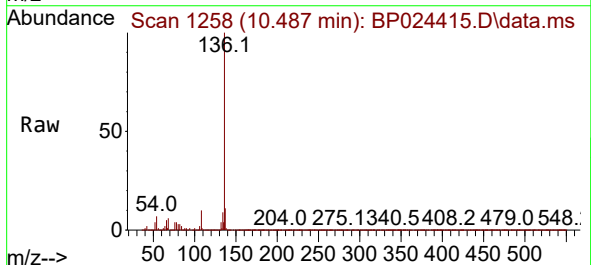
Instrument :
BNA_P
ClientSampleId :
72-12013

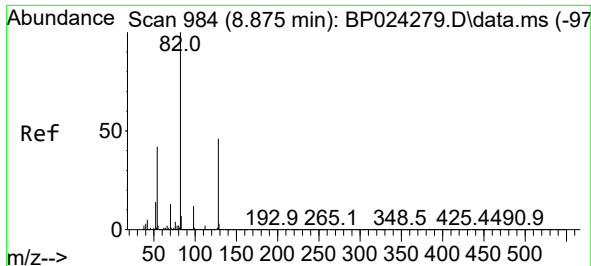
Tgt Ion: 99 Resp: 1373857
Ion Ratio Lower Upper
99 100
42 15.4 10.6 16.0
71 33.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

Tgt Ion: 136 Resp: 552850
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.1 6.0 9.0
68 6.1 5.5 8.3

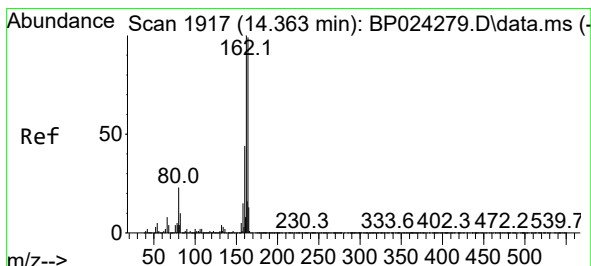
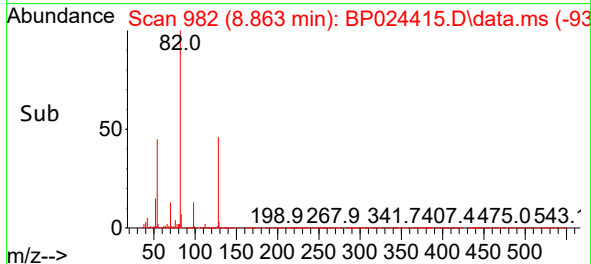
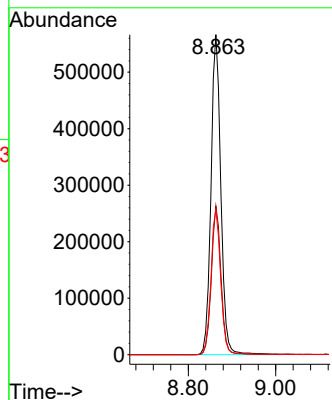
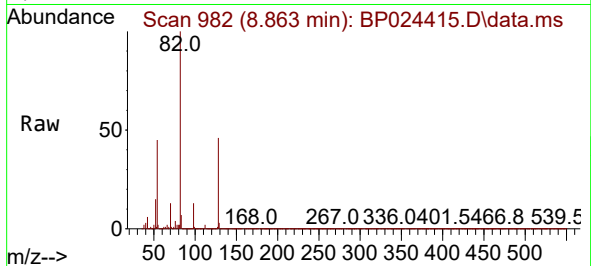




#23
Nitrobenzene-d5
Concen: 91.754 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

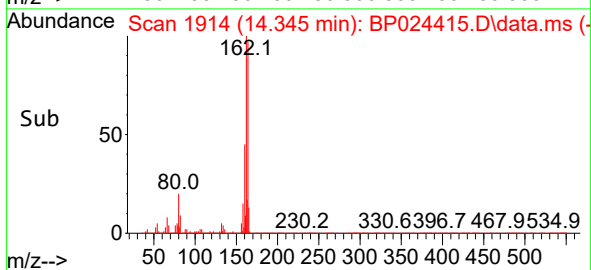
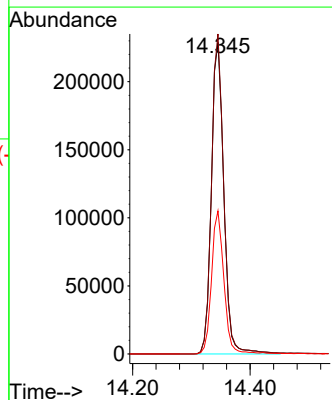
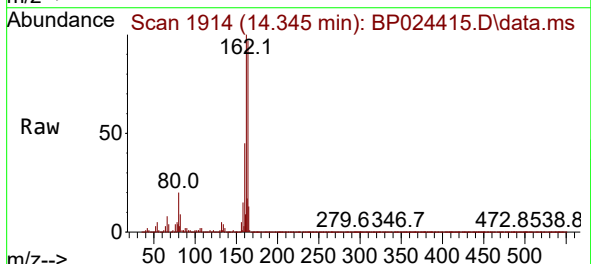
Instrument :
BNA_P
ClientSampleId :
72-12013

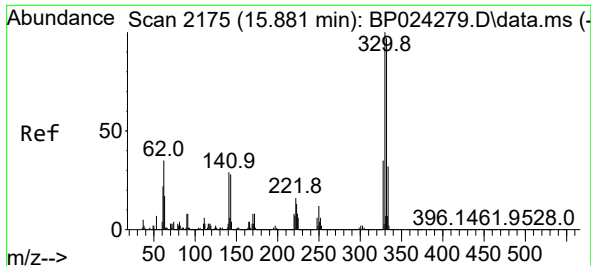
Tgt Ion: 82 Resp: 889601
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 45.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

Tgt Ion: 164 Resp: 335865
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.9 35.3 52.9

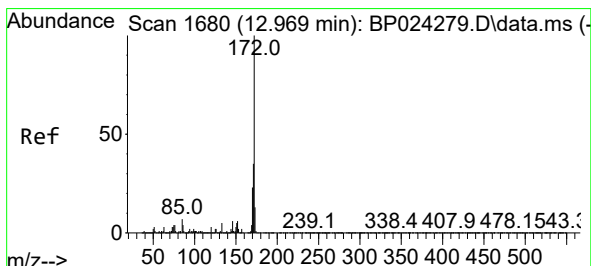
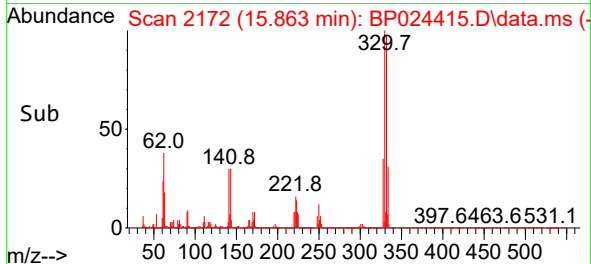
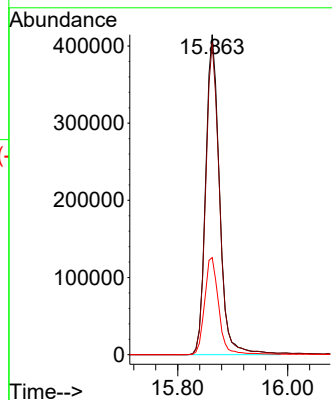
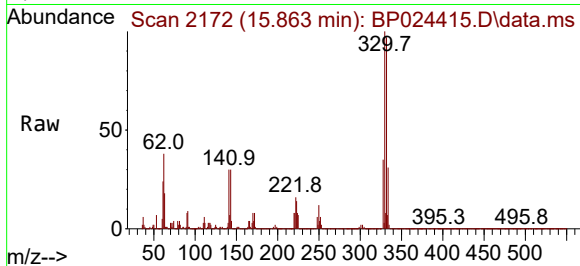




#42
2,4,6-Tribromophenol
Concen: 156.382 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

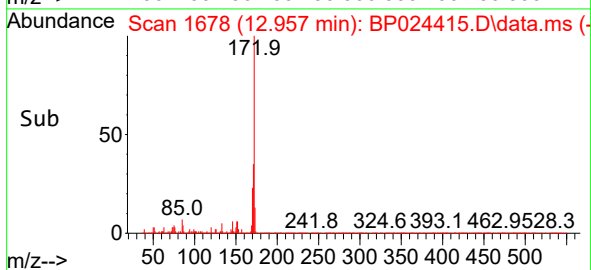
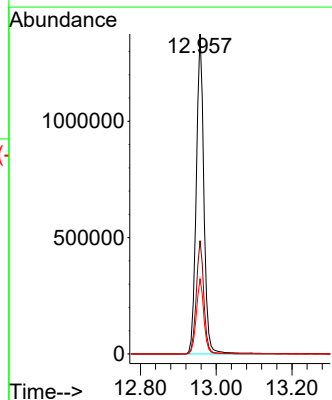
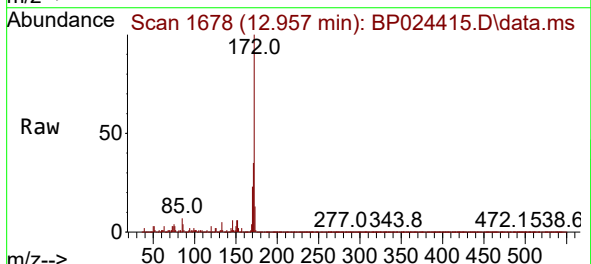
Instrument :
BNA_P
ClientSampleId :
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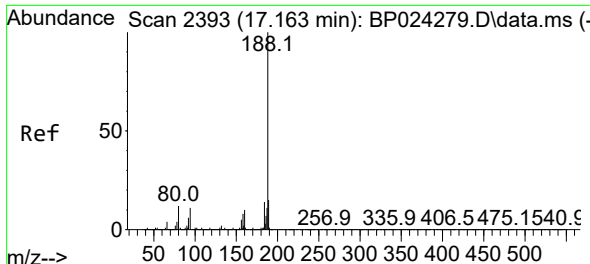
Tgt Ion:330 Resp: 726686
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.209 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

Tgt Ion:172 Resp: 1934955
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.6 27.8

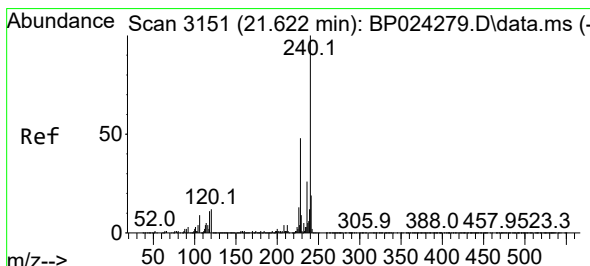
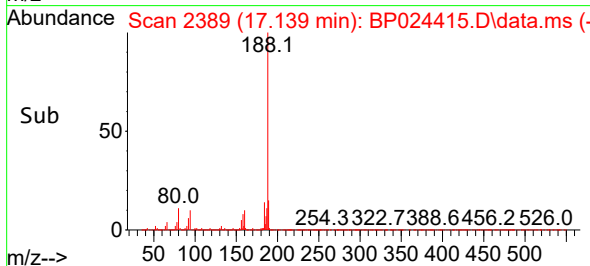
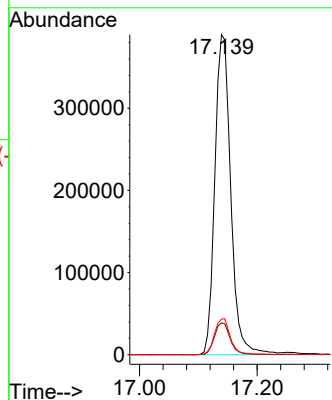
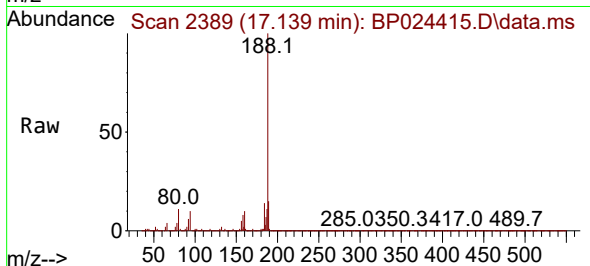




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

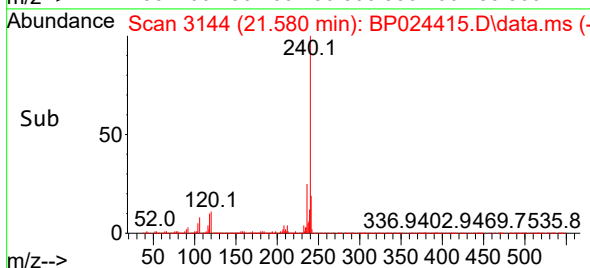
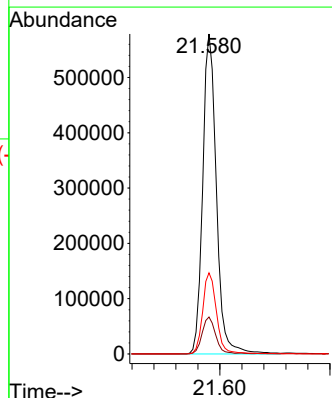
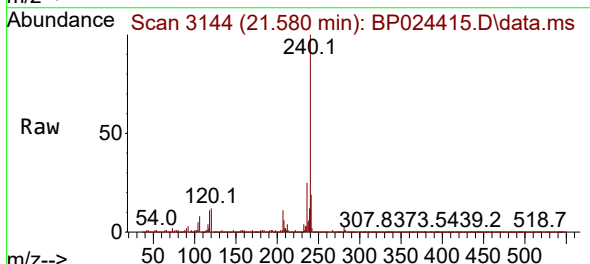
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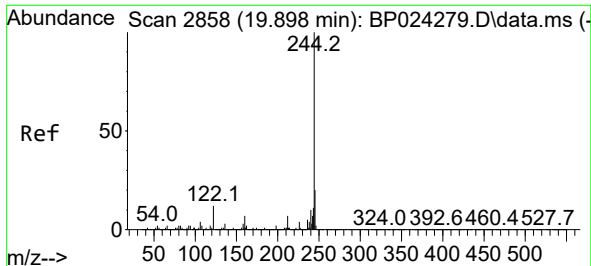
Tgt Ion:188 Resp: 732365
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 11.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024415.D
Acq: 24 Apr 2025 19:58

Tgt Ion:240 Resp: 1000179
Ion Ratio Lower Upper
240 100
120 11.5 9.8 14.8
236 25.3 20.9 31.3

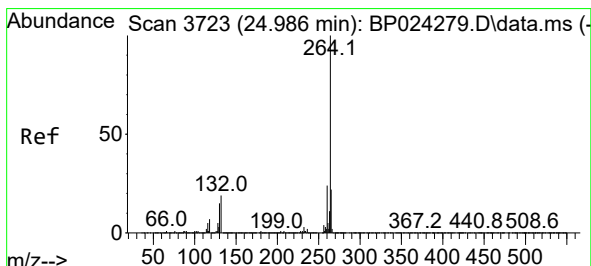
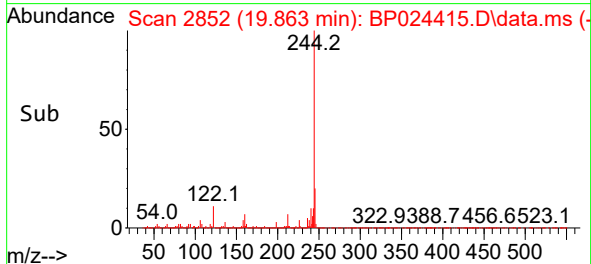
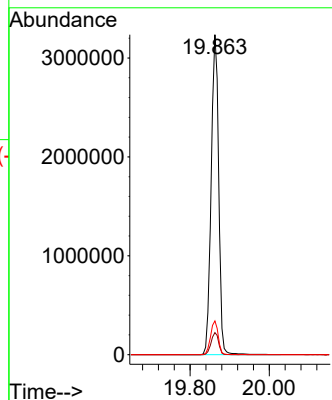
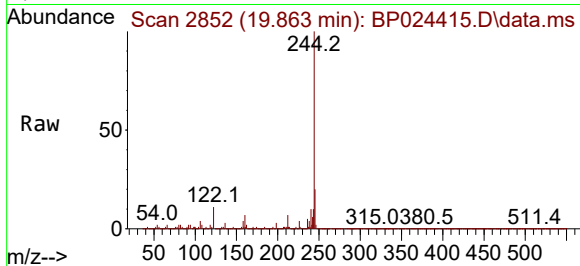




#79
 Terphenyl-d14
 Concen: 85.718 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024415.D
 Acq: 24 Apr 2025 19:58

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 4253407
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.909 min Scan# 3710
 Delta R.T. -0.024 min
 Lab File: BP024415.D
 Acq: 24 Apr 2025 19:58

Tgt Ion:264 Resp: 1136137
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.8 17.8 26.6

