

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024440.D
 Acq On : 28 Apr 2025 17:02
 Operator : RC/JU
 Sample : Q1874-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HT3727

Quant Time: Apr 28 17:25:15 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)

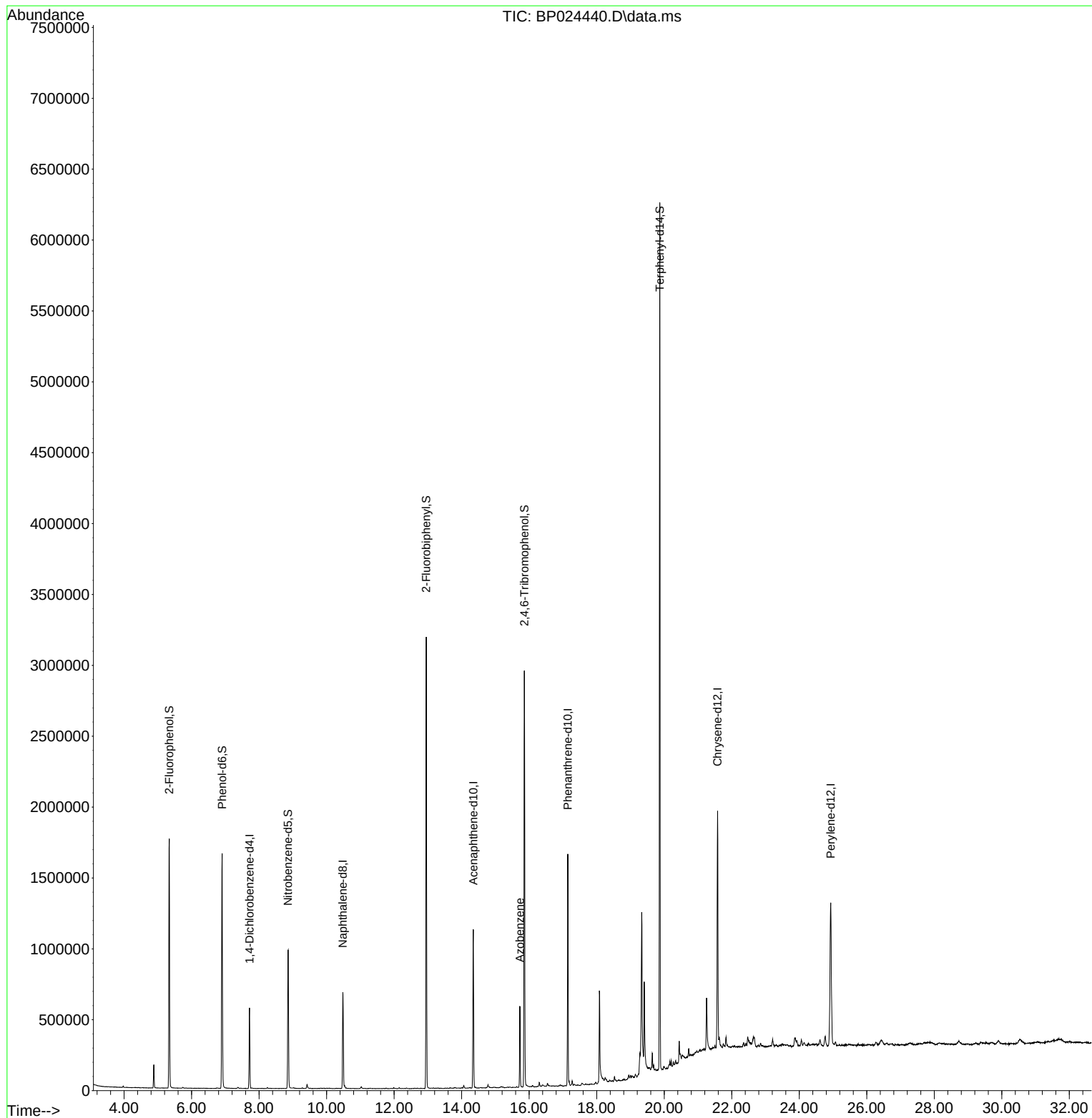
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	149535	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	594970	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	394643	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	845483	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	971659	20.000	ng	-0.01
86) Perylene-d12	24.933	264	1113699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	785136	86.815	ng	0.00
7) Phenol-d6	6.905	99	989846	79.933	ng	0.00
23) Nitrobenzene-d5	8.857	82	605119	57.994	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	684479	125.360	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1518761	58.924	ng	-0.01
79) Terphenyl-d14	19.869	244	2924349	60.664	ng	0.00
Target Compounds						
63) Azobenzene	15.722	77	160558	5.907	ng	Qvalue # 1

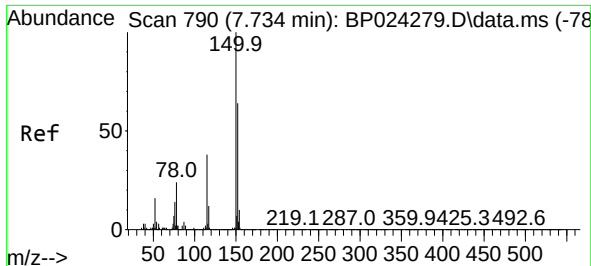
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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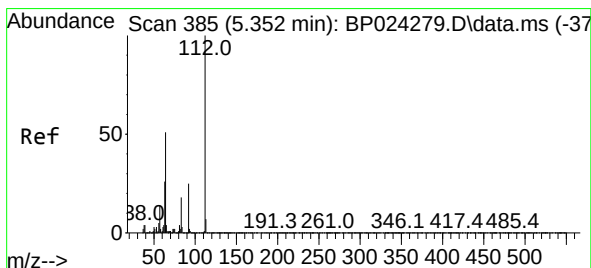
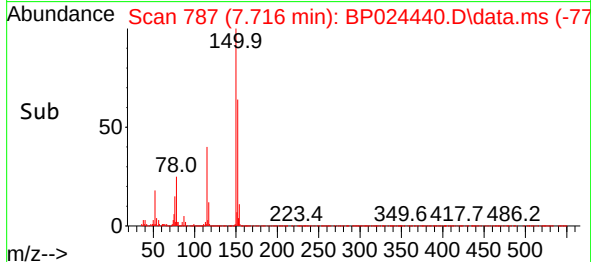
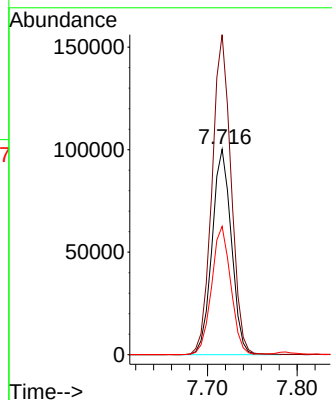
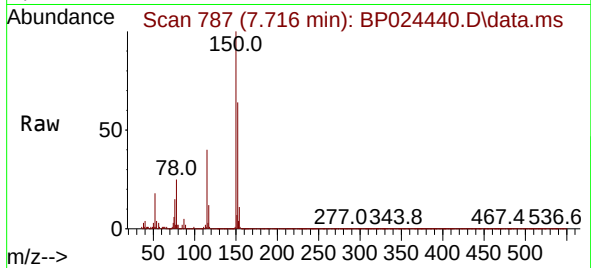




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024440.D
 Acq: 28 Apr 2025 17:02

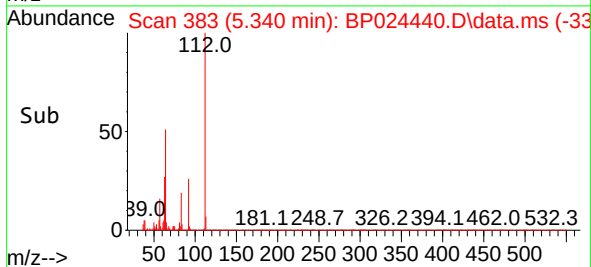
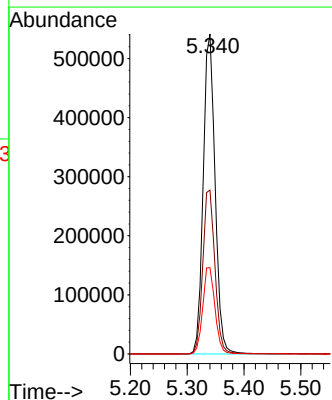
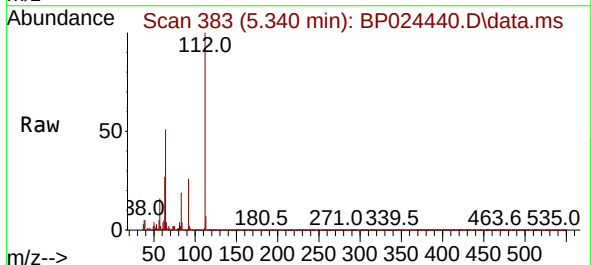
Instrument :
 BNA_P
 ClientSampleId :
 HT3727

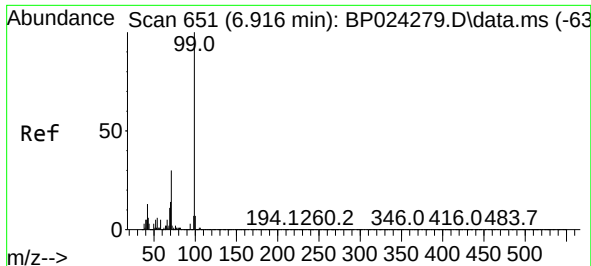
Tgt Ion:152 Resp: 149535
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 62.5 47.7 71.5



#5
 2-Fluorophenol
 Concen: 86.815 ng
 RT: 5.340 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BP024440.D
 Acq: 28 Apr 2025 17:02

Tgt Ion:112 Resp: 785136
 Ion Ratio Lower Upper
 112 100
 64 51.2 41.1 61.7
 63 26.9 20.6 30.8

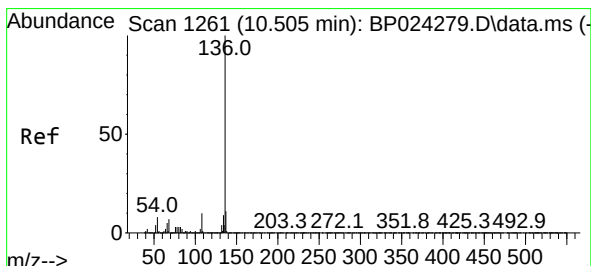
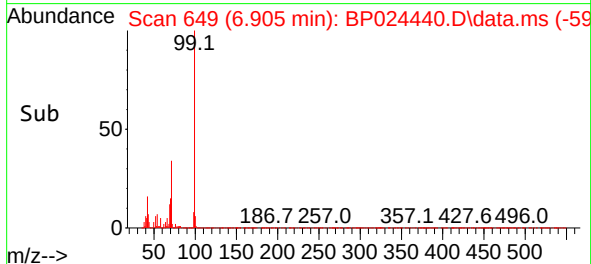
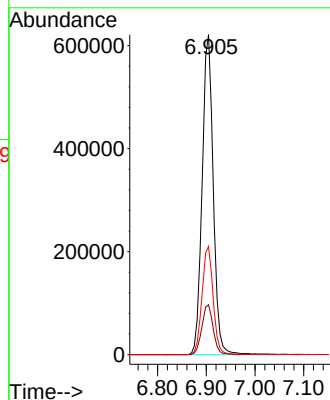
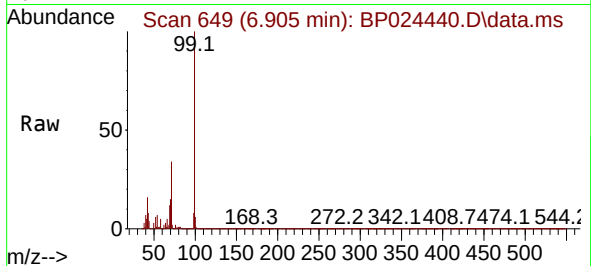




#7
Phenol-d6
Concen: 79.933 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

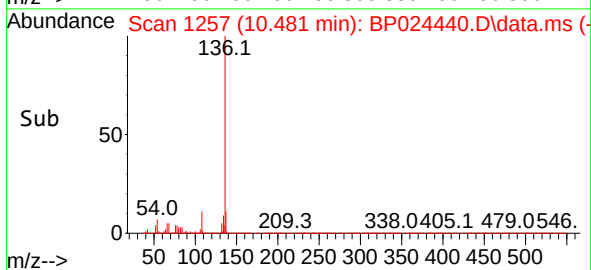
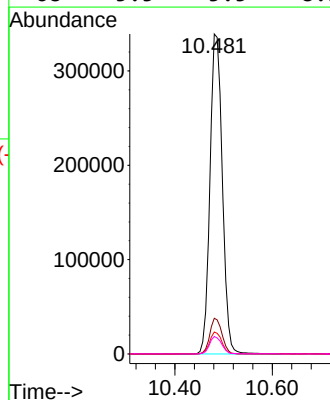
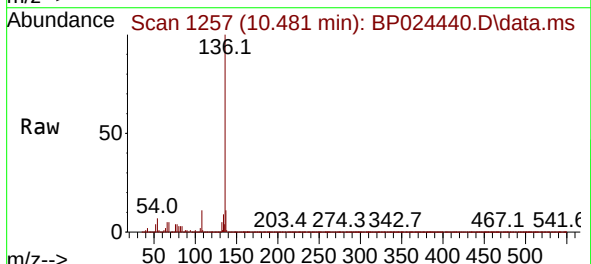
Instrument :
BNA_P
ClientSampleId :
HT3727

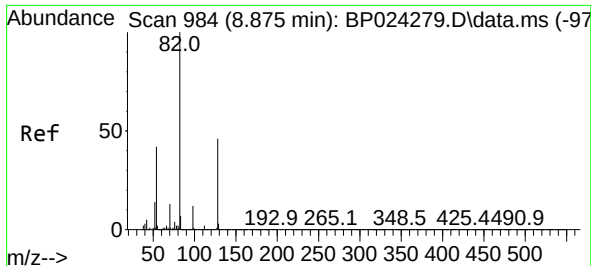
Tgt Ion: 99 Resp: 989846
Ion Ratio Lower Upper
99 100
42 15.6 10.6 16.0
71 33.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion: 136 Resp: 594970
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.9 6.0 9.0
68 5.5 5.5 8.3

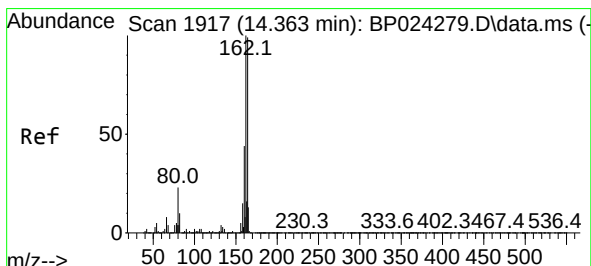
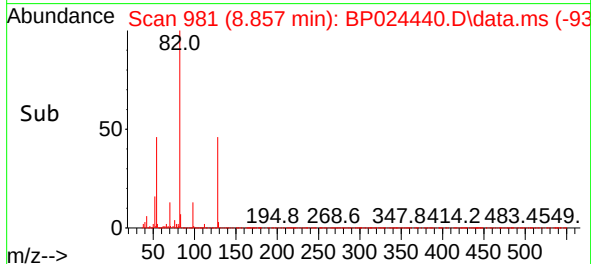
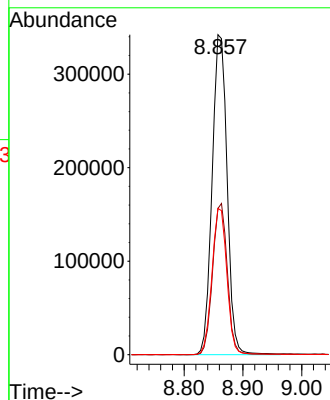
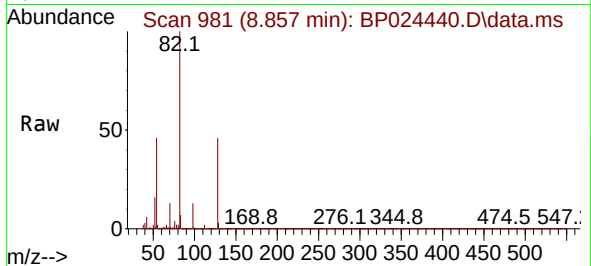




#23
Nitrobenzene-d5
Concen: 57.994 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

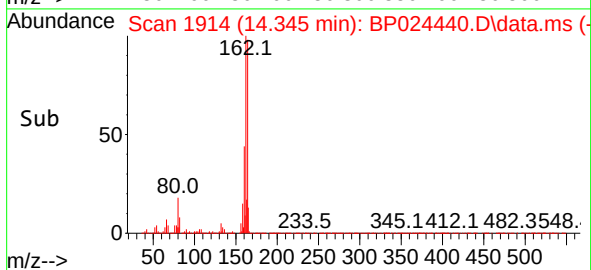
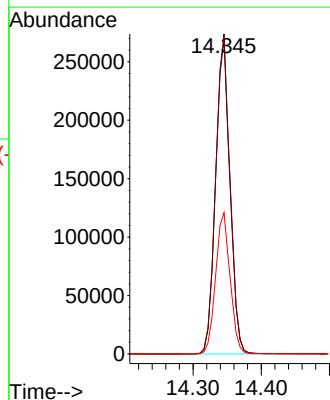
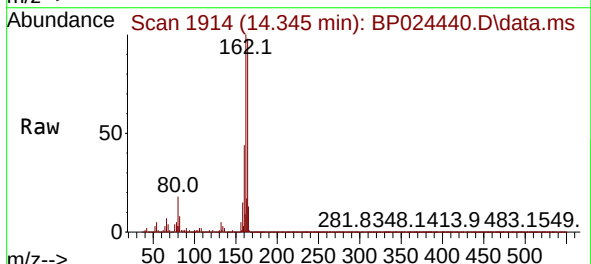
Instrument :
BNA_P
ClientSampleId :
HT3727

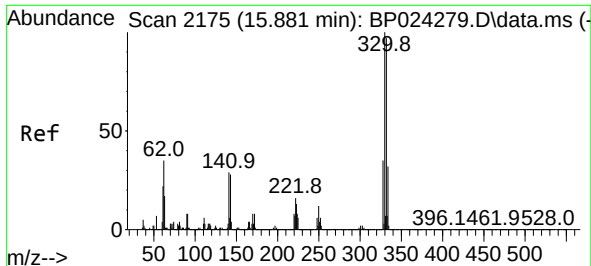
Tgt Ion: 82 Resp: 605119
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 45.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion: 164 Resp: 394643
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.9 35.3 52.9

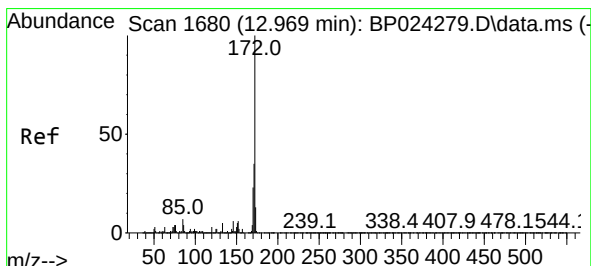
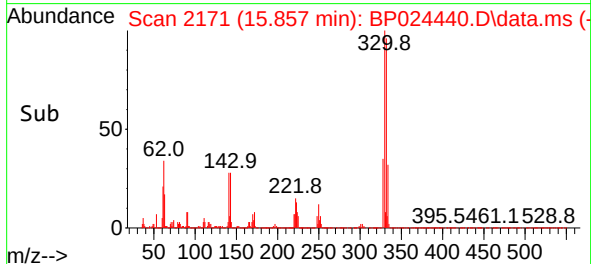
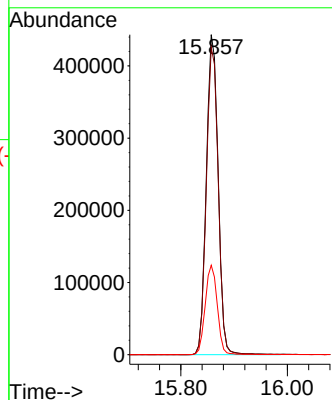
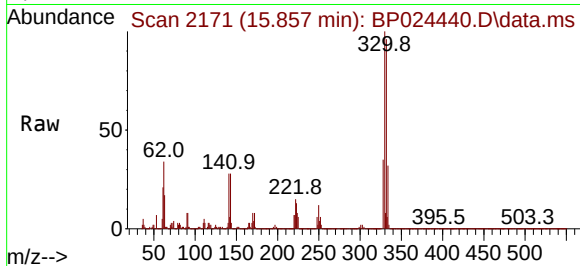




#42
2,4,6-Tribromophenol
Concen: 125.360 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

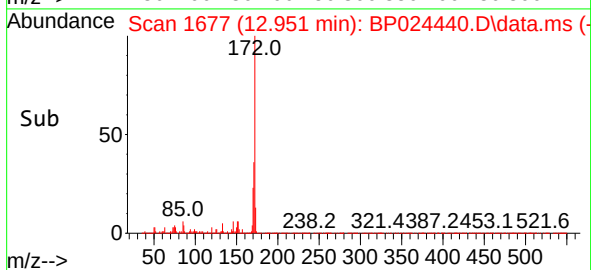
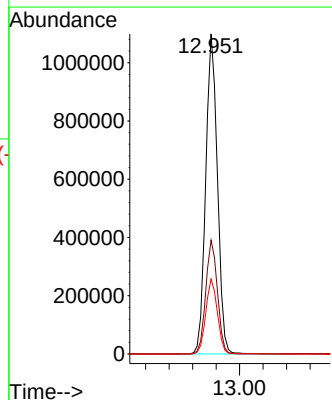
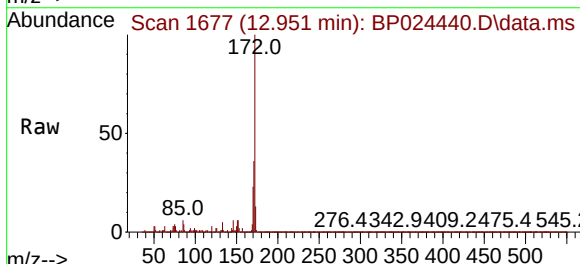
Instrument :
BNA_P
ClientSampleId :
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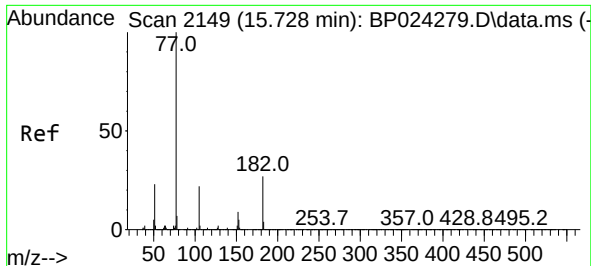
Tgt Ion:330 Resp: 684479
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 28.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 58.924 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion:172 Resp: 1518761
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.6 27.8

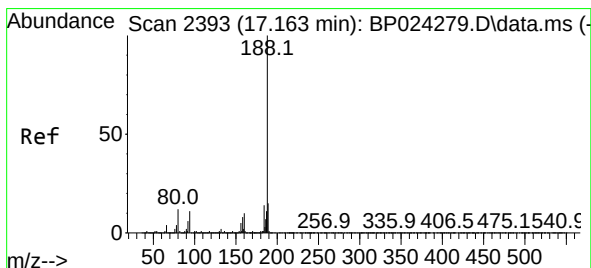
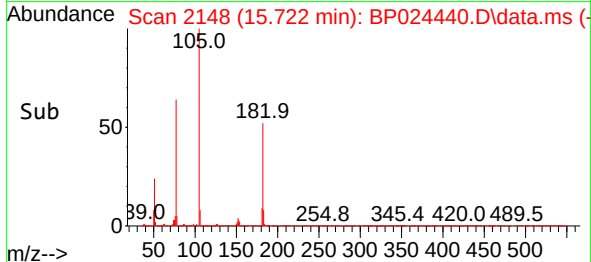
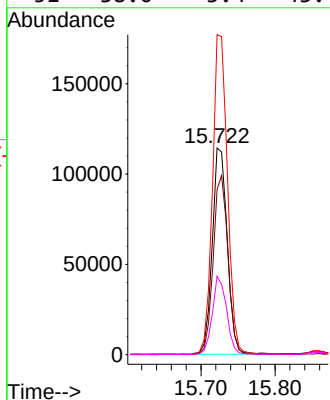
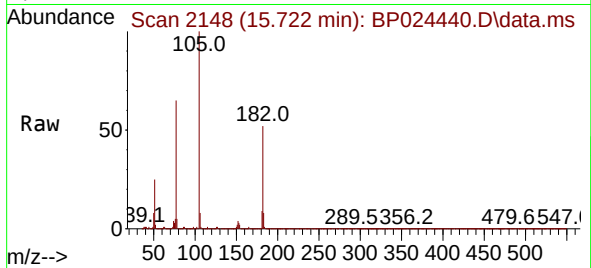




#63
Azobenzene
Concen: 5.907 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

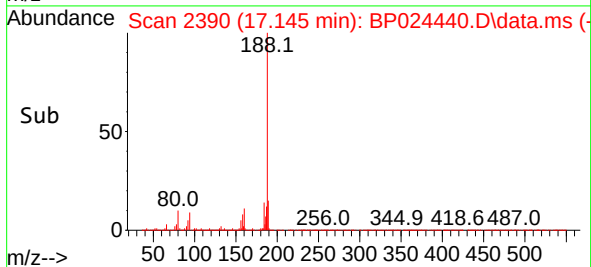
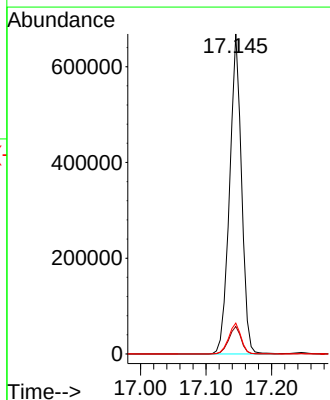
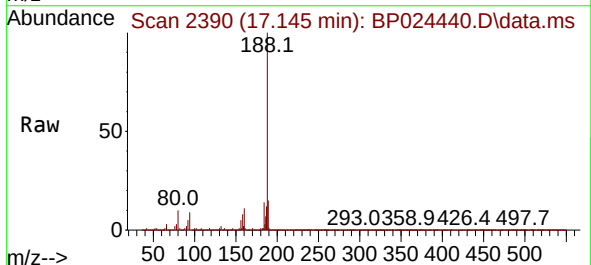
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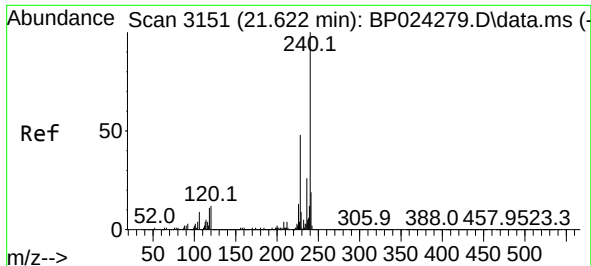
Tgt Ion: 77 Resp: 160558
Ion Ratio Lower Upper
77 100
182 80.0 7.3 47.3#
105 154.8 2.3 42.3#
51 38.0 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion: 188 Resp: 845483
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0#
80 9.7 9.8 14.6#

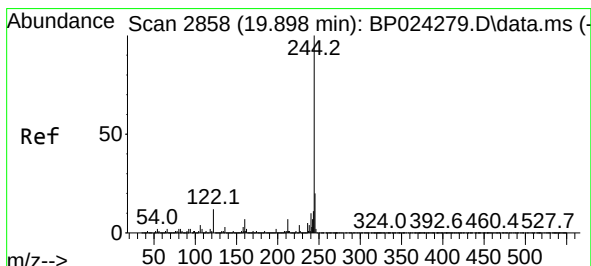
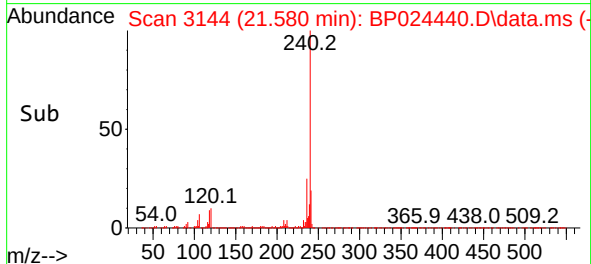
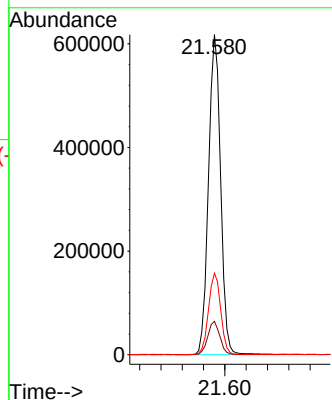
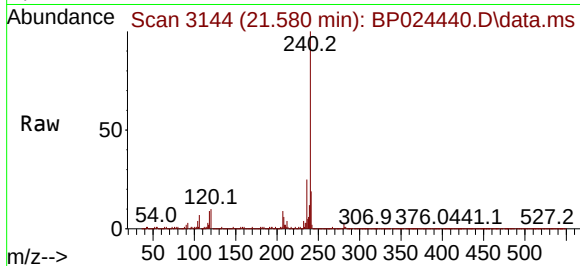




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

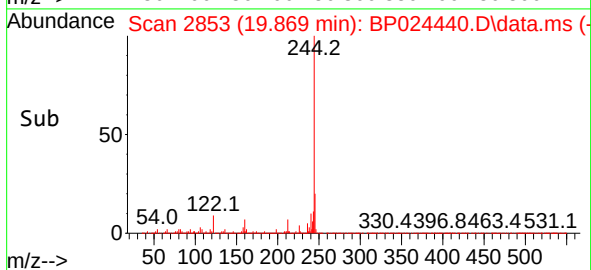
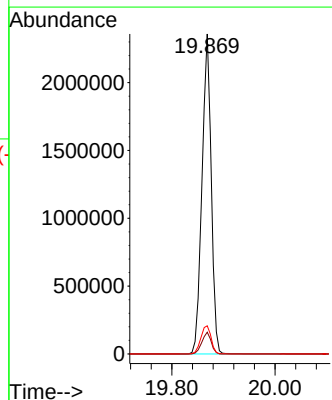
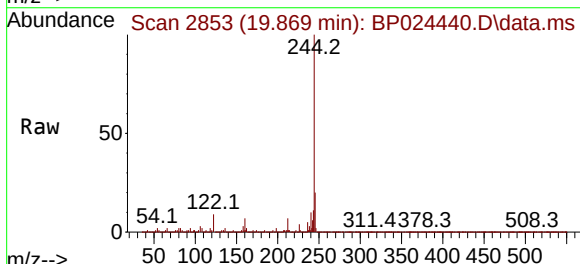
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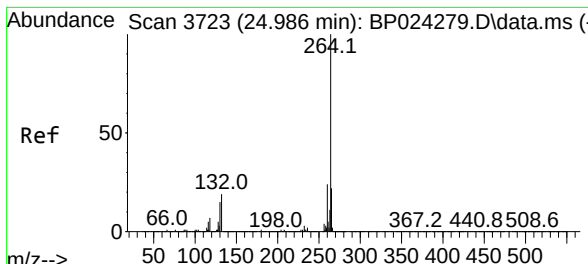
Tgt Ion:240 Resp: 971659
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 60.664 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP024440.D
Acq: 28 Apr 2025 17:02

Tgt Ion:244 Resp: 2924349
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 8.8 9.4 14.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.933 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP024440.D
 Acq: 28 Apr 2025 17:02

Instrument :
 BNA_P
 ClientSampleId :
 HT3727

Tgt Ion:264 Resp: 1113699

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.6	17.8	26.6

