

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024530.D
 Acq On : 05 May 2025 18:07
 Operator : RC/JU
 Sample : Q1907-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CO-8R-WCRE

Quant Time: May 05 18:34:24 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)

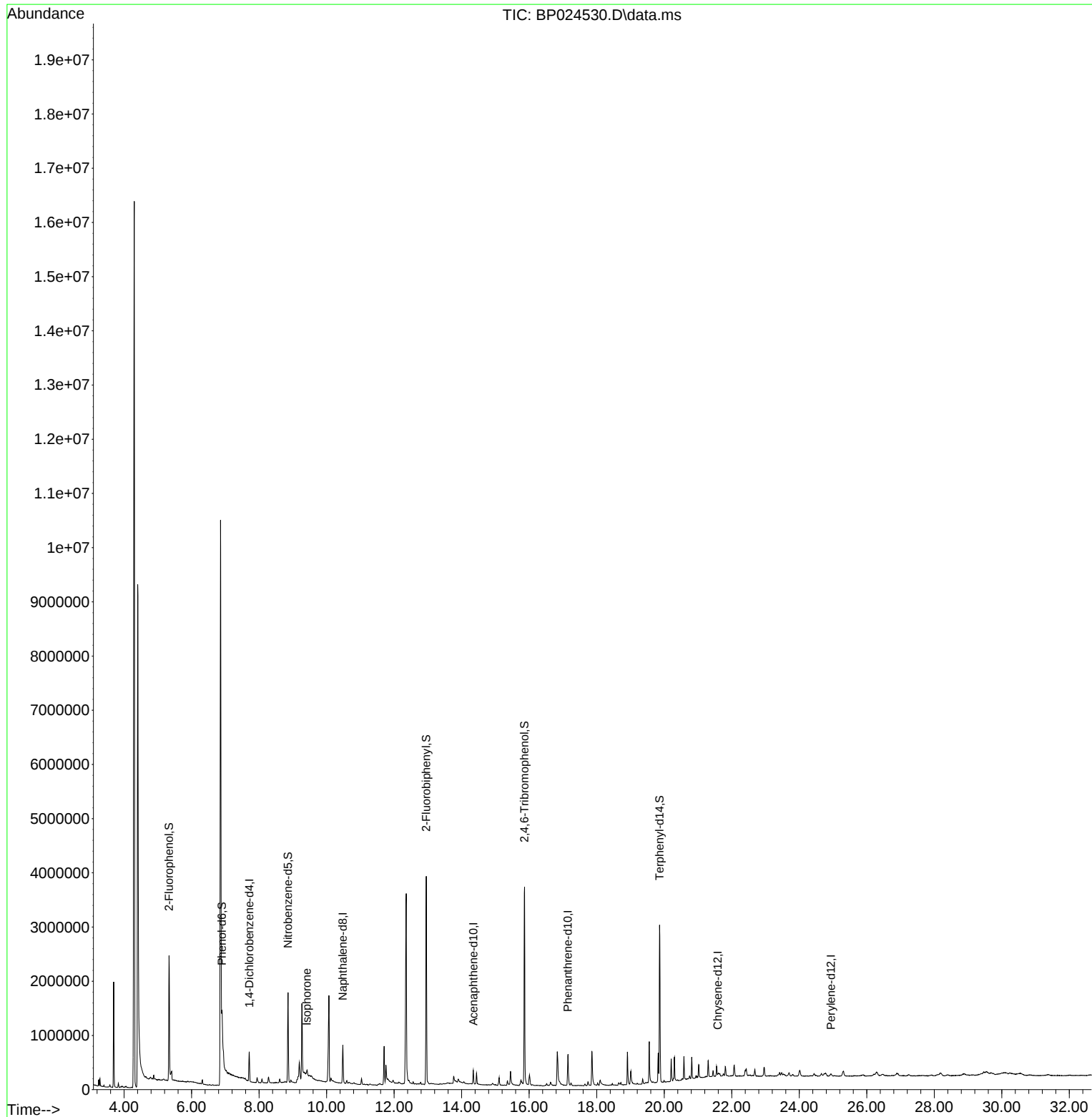
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	148721	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	499099	20.000	ng	-0.02
39) Acenaphthene-d10	14.345	164	59227	20.000	ng	# 0.00
64) Phenanthrene-d10	17.145	188	199964	20.000	ng	0.00
76) Chrysene-d12	21.586	240	4032	20.000	ng	# 0.00
86) Perylene-d12	24.939	264	86	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	978561	108.795	ng	-0.01
7) Phenol-d6	6.899	99	269368	21.871	ng	-0.01
23) Nitrobenzene-d5	8.857	82	895353	102.292	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	761321	929.078	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2008918	519.337	ng	-0.01
79) Terphenyl-d14	19.863	244	722717	3612.936	ng	-0.01
Target Compounds						
25) Isophorone	9.416	82	67890	4.285	ng	# 91

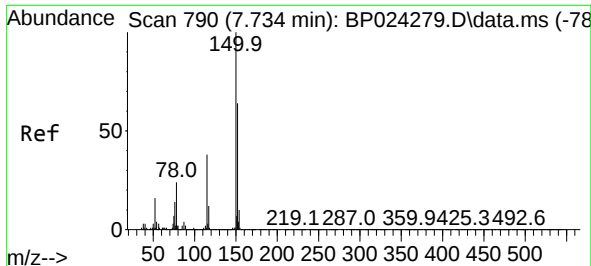
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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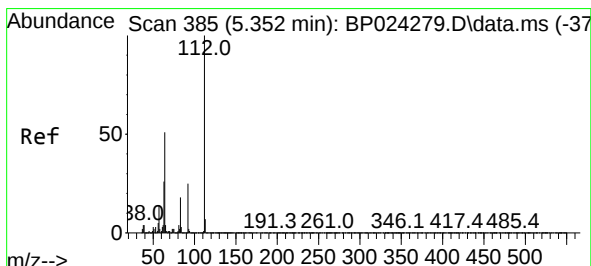
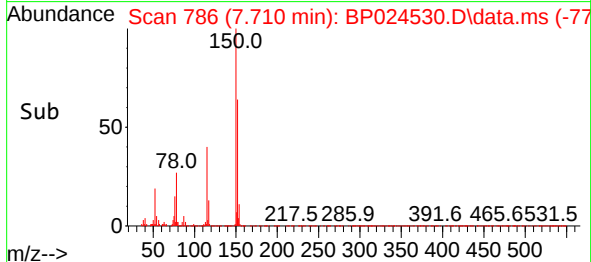
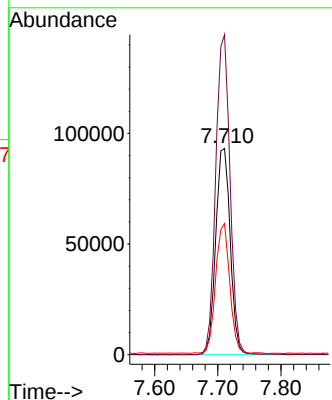
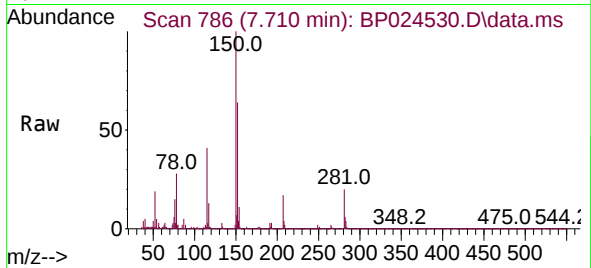




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

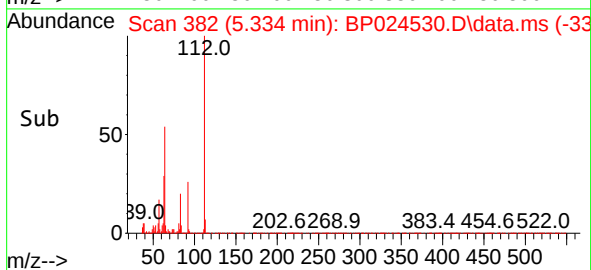
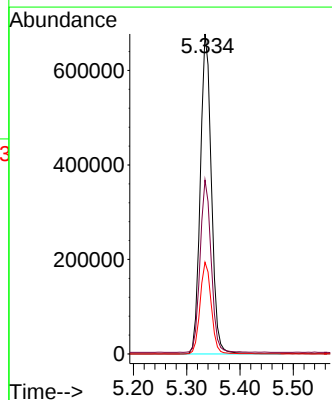
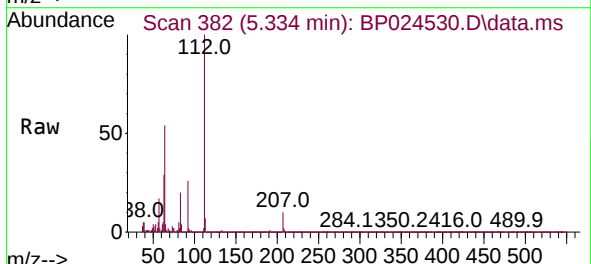
Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

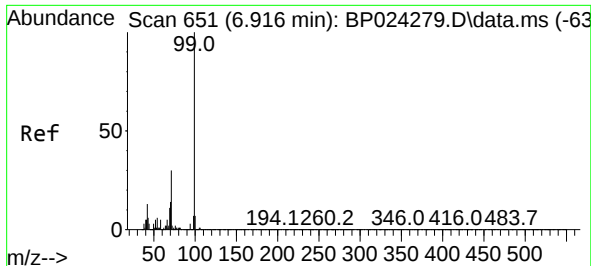
Tgt Ion:152 Resp: 148721
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 63.6 47.7 71.5



#5
2-Fluorophenol
Concen: 108.795 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:112 Resp: 978561
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 28.7 20.6 30.8

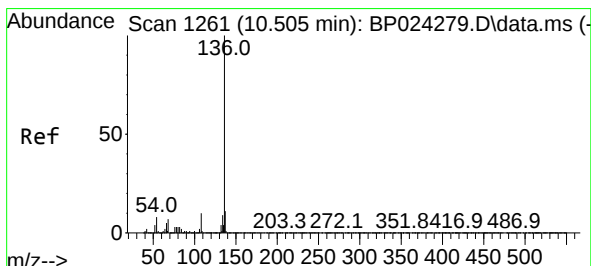
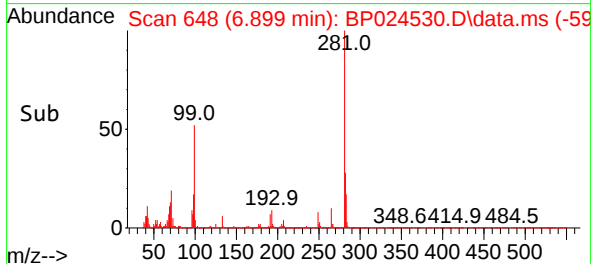
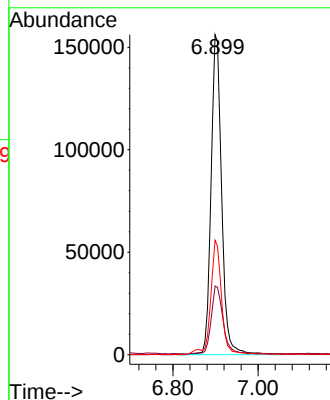
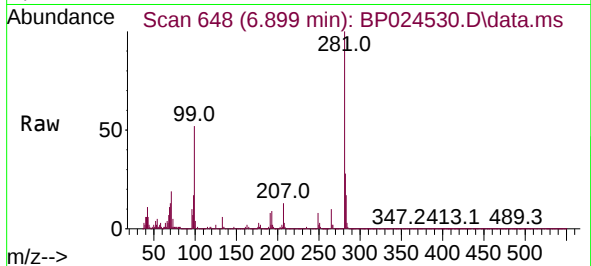




#7
Phenol-d6
Concen: 21.871 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

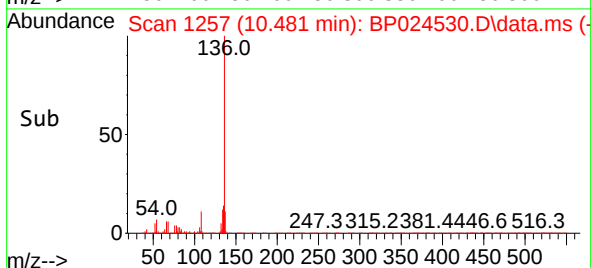
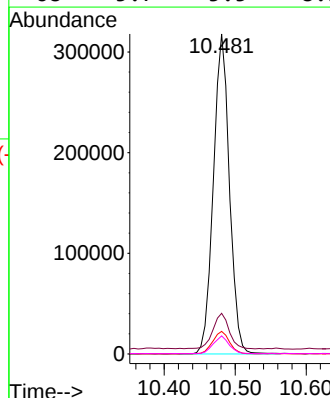
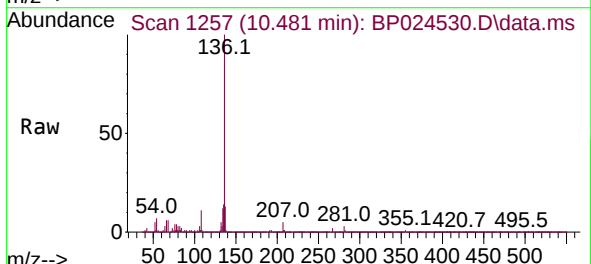
Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

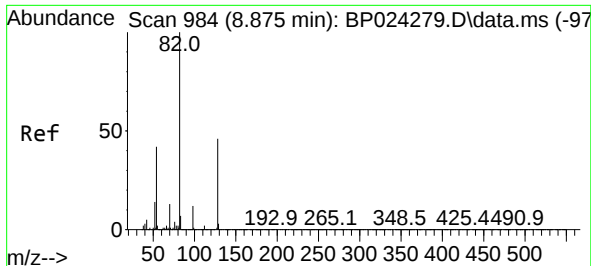
Tgt Ion: 99 Resp: 269368
Ion Ratio Lower Upper
99 100
42 21.5 10.6 16.0#
71 35.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:136 Resp: 499099
Ion Ratio Lower Upper
136 100
137 12.7 9.2 13.8
54 7.0 6.0 9.0
68 5.7 5.5 8.3

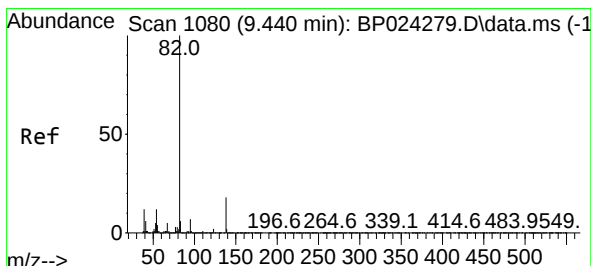
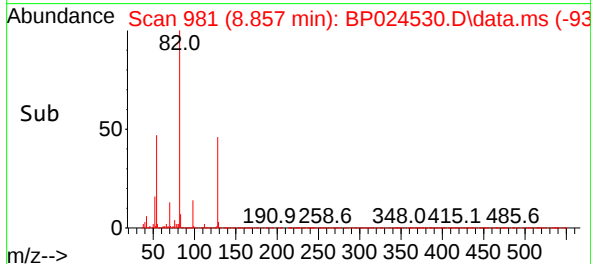
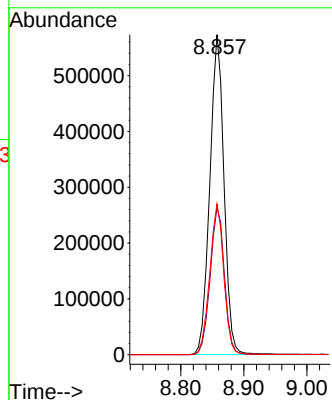
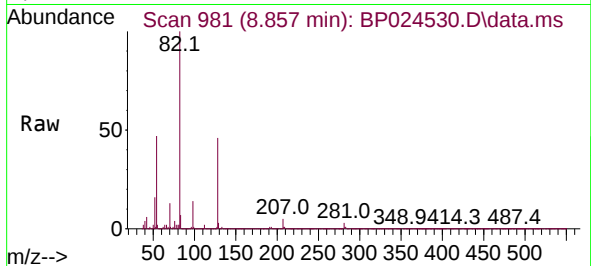




#23
Nitrobenzene-d5
Concen: 102.292 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

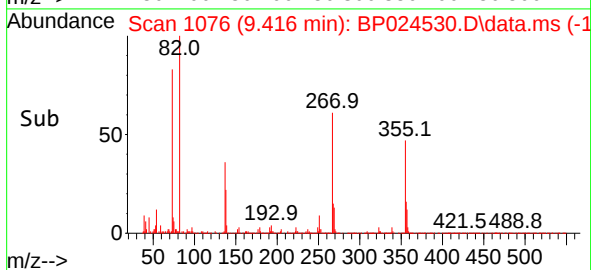
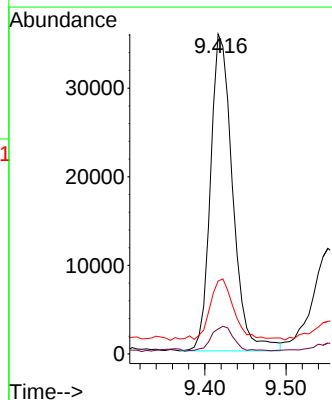
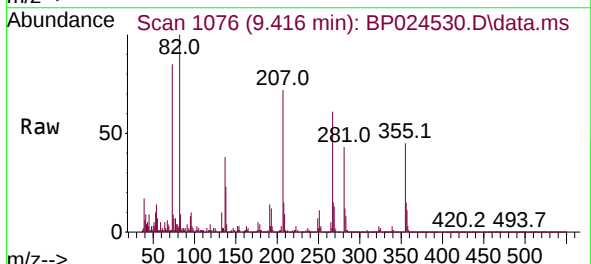
Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

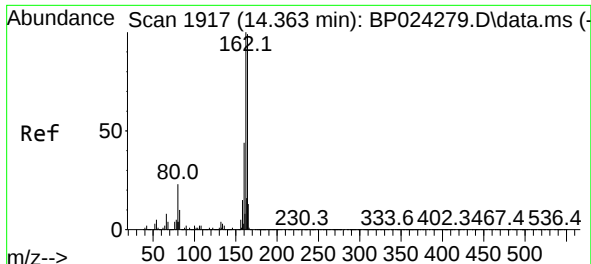
Tgt Ion: 82 Resp: 895353
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 47.1 33.4 50.2



#25
Isophorone
Concen: 4.285 ng
RT: 9.416 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion: 82 Resp: 67890
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 22.8 14.4 21.6#

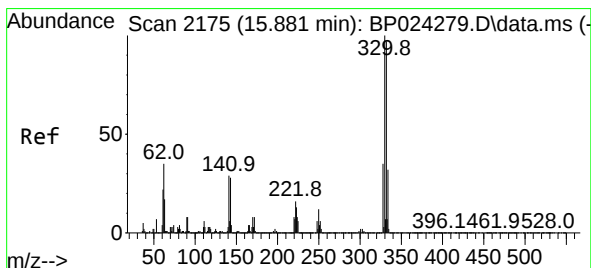
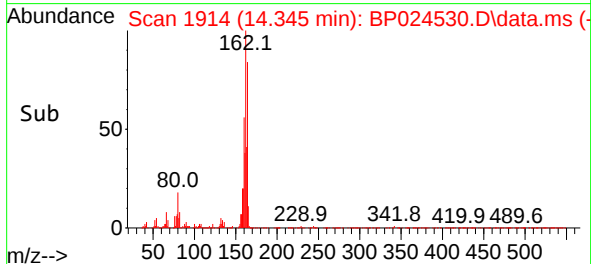
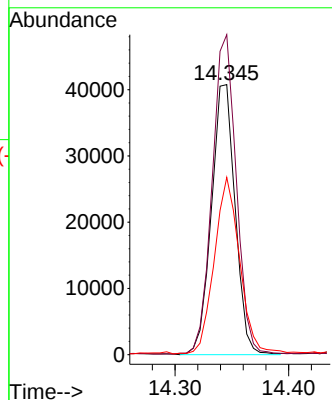
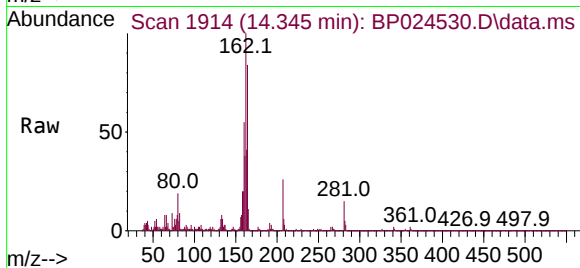




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

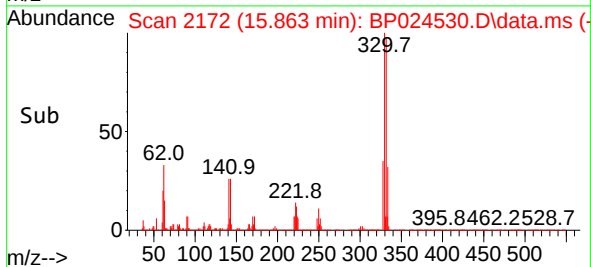
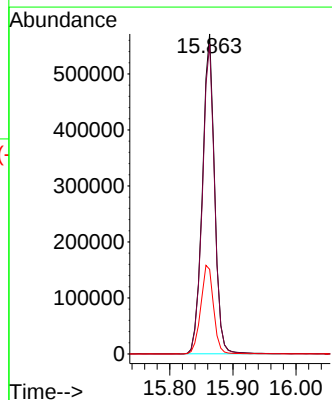
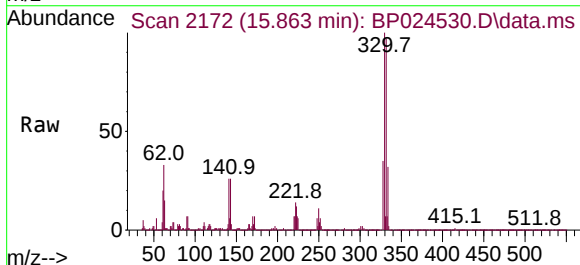
Instrument :
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ClientSampleId :
CO-8R-WCRE

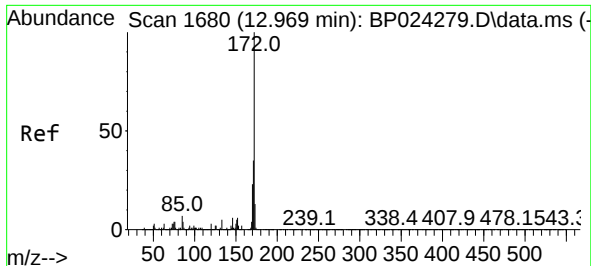
Tgt Ion:164 Resp: 59227
Ion Ratio Lower Upper
164 100
162 118.5 80.6 120.8
160 65.7 35.3 52.9#



#42
2,4,6-Tribromophenol
Concen: 929.078 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:330 Resp: 761321
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 29.3 24.7 37.1

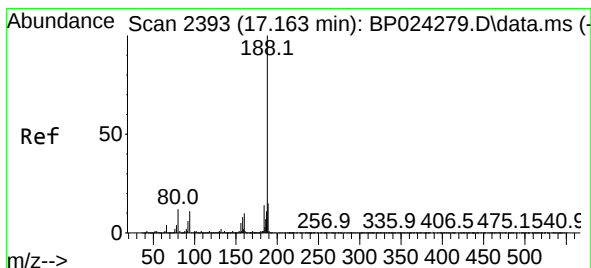
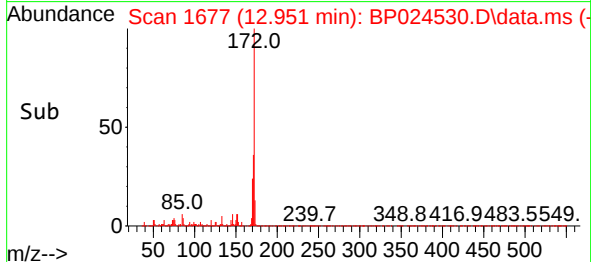
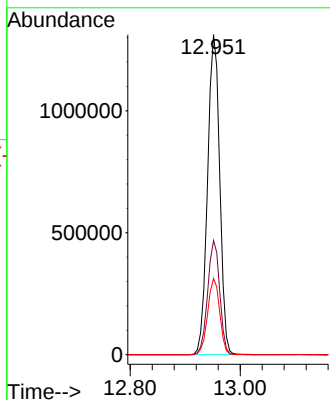
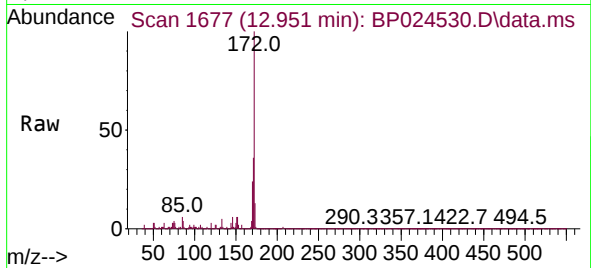




#45
2-Fluorobiphenyl
Concen: 519.337 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

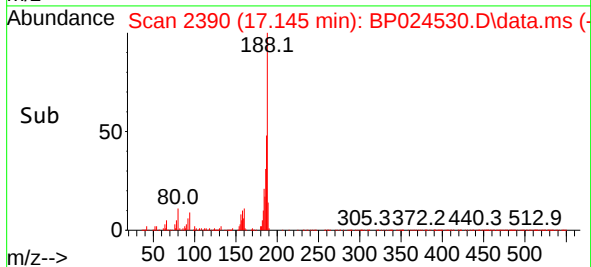
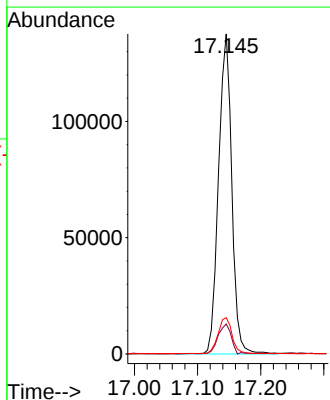
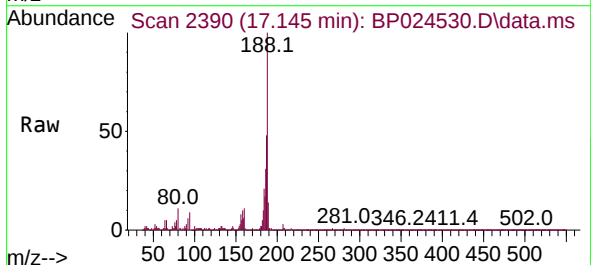
Instrument :
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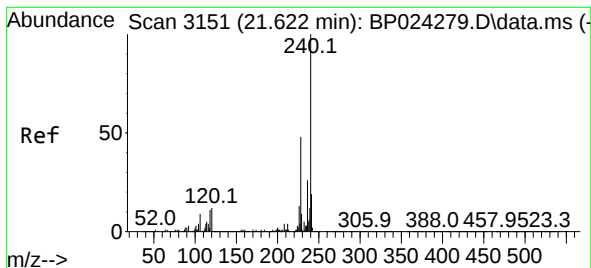
Tgt Ion:172 Resp: 2008918
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:188 Resp: 199964
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 11.4 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024530.D

Acq: 05 May 2025 18:07

Instrument :

BNA_P

ClientSampleId :

CO-8R-WCRE

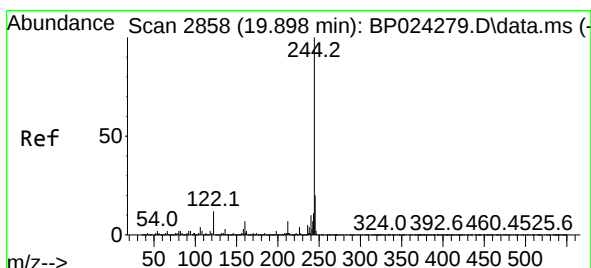
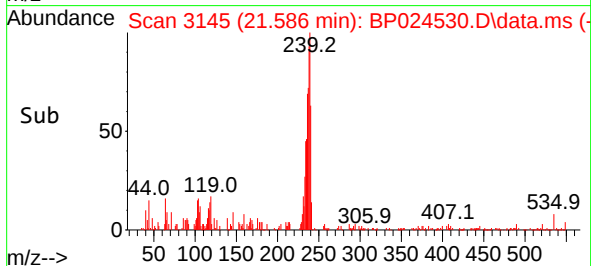
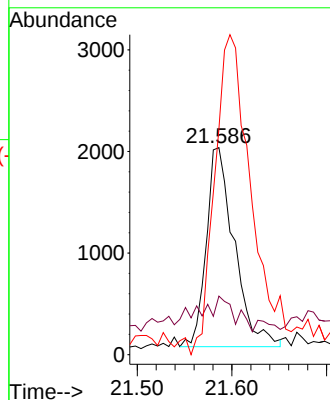
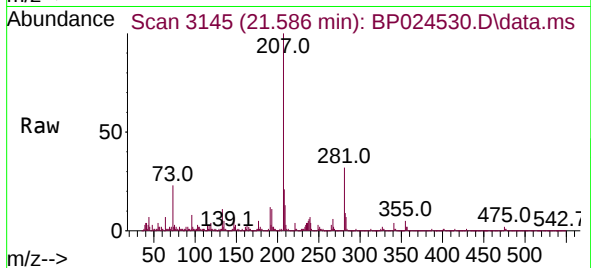
Tgt Ion:240 Resp: 4032

Ion Ratio Lower Upper

240 100

120 28.3 9.8 14.8#

236 109.1 20.9 31.3#



#79

Terphenyl-d14

Concen: 3612.936 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.012 min

Lab File: BP024530.D

Acq: 05 May 2025 18:07

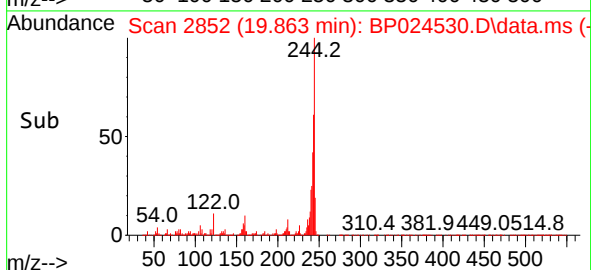
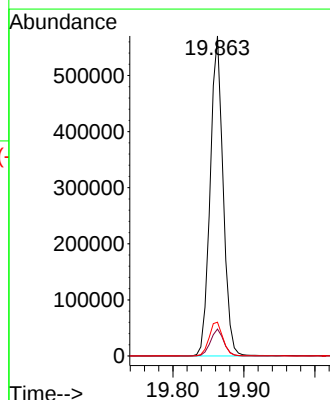
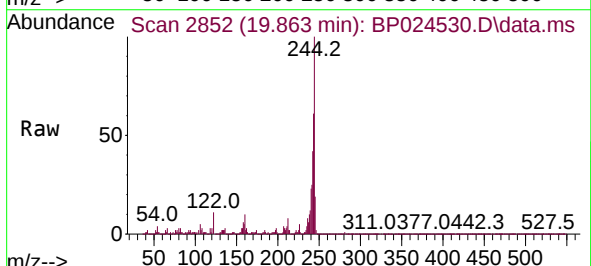
Tgt Ion:244 Resp: 722717

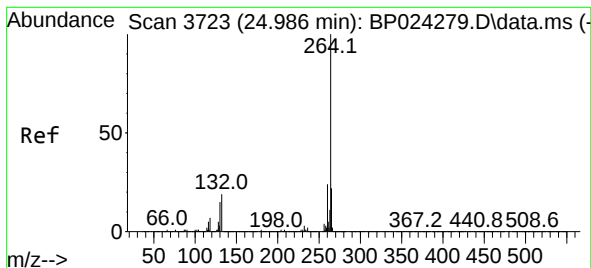
Ion Ratio Lower Upper

244 100

212 8.4 5.6 8.4

122 10.6 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024530.D

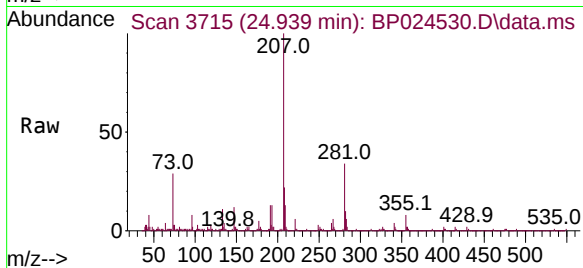
Acq: 05 May 2025 18:07

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Tgt Ion:264 Resp: 86

Ion Ratio Lower Upper

264 100

260 50.7 18.9 28.3#

265 1513.4 17.8 26.6#

