

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024516.D
 Acq On : 02 May 2025 19:44
 Operator : RC/JU
 Sample : Q1932-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5

Quant Time: May 02 23:46:26 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	7.704	152	149787	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	614261	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	396445	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	740434	20.000	ng	0.00
76) Chrysene-d12	21.592	240	890943	20.000	ng	# 0.00
86) Perylene-d12	24.945	264	1087394	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	597156	65.918	ng	-0.02
7) Phenol-d6	6.893	99	757226	61.045	ng	-0.02
23) Nitrobenzene-d5	8.851	82	454737	42.213	ng	-0.02
42) 2,4,6-Tribromophenol	15.869	330	428075	78.044	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	927667	35.827	ng	-0.01
79) Terphenyl-d14	19.874	244	1637248	37.041	ng	0.00

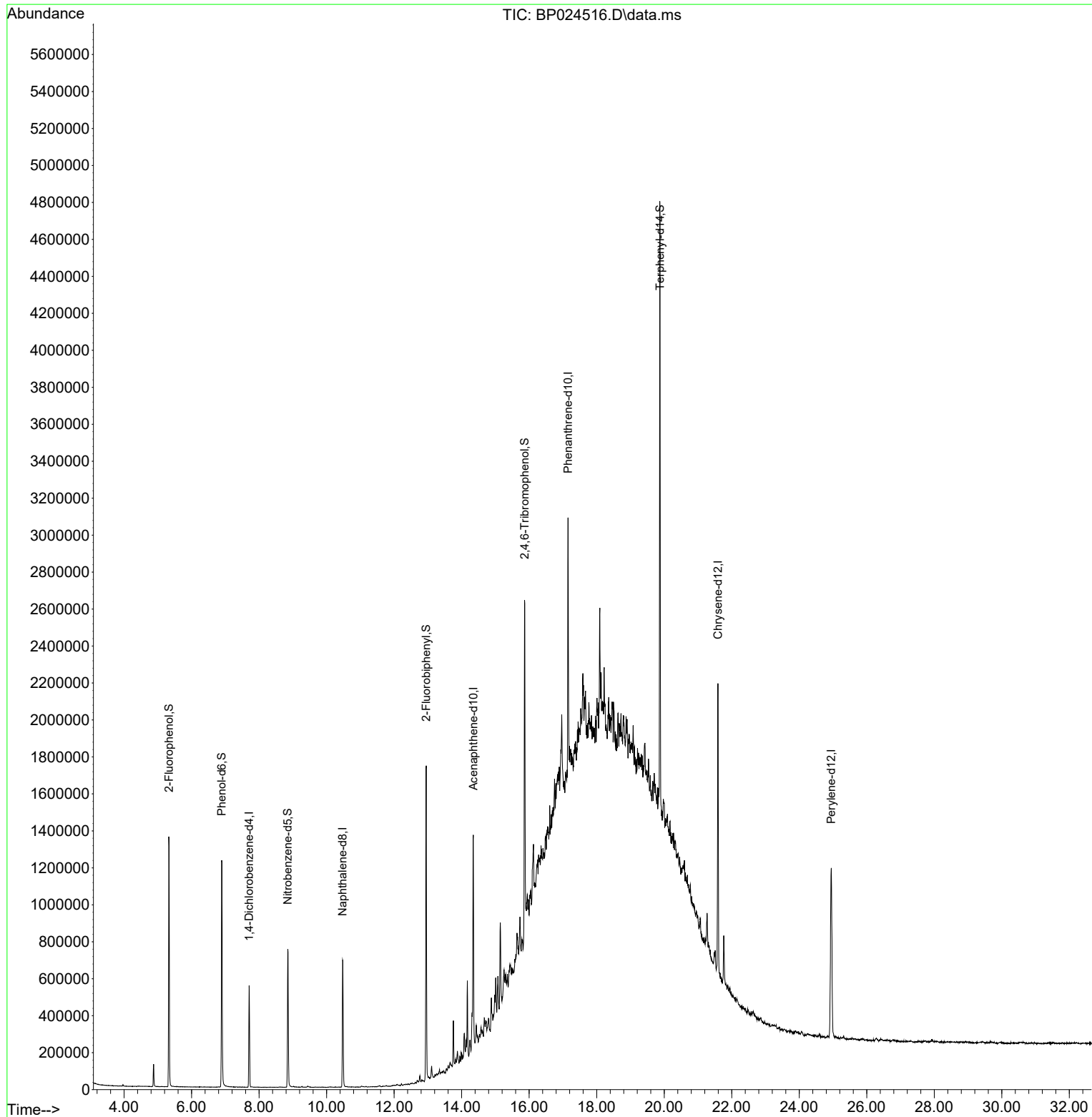
Target Compounds	Qvalue

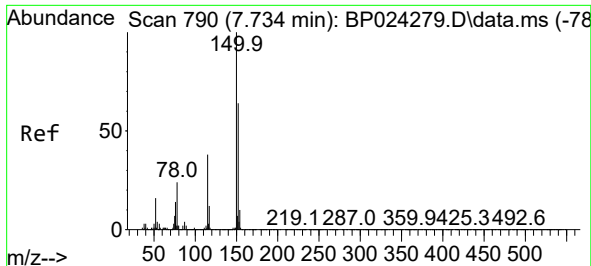
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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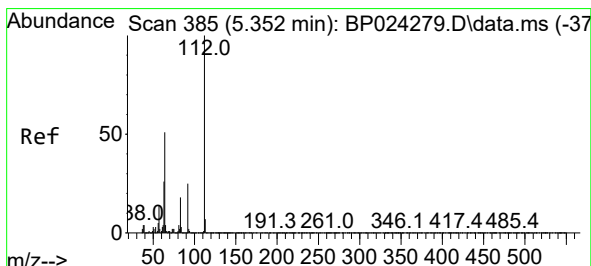
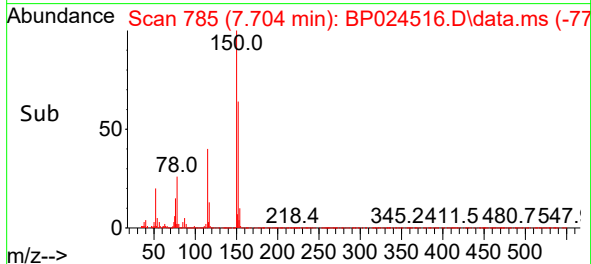
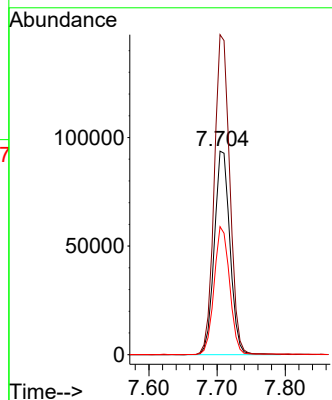
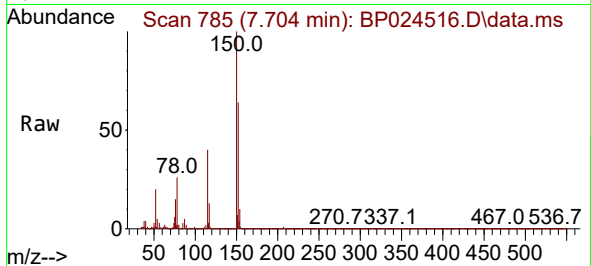




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

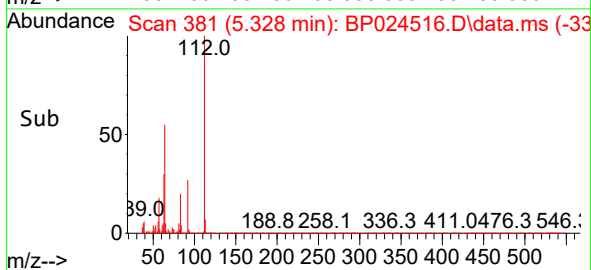
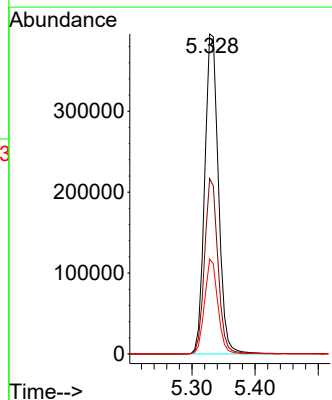
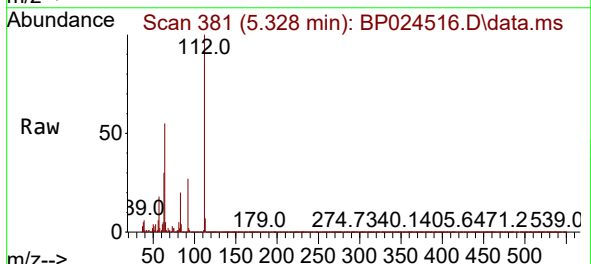
Instrument :
BNA_P
ClientSampleId :
COMP-5

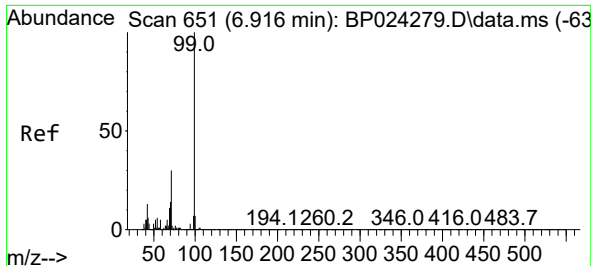
Tgt Ion:152 Resp: 149787
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 62.9 47.7 71.5



#5
2-Fluorophenol
Concen: 65.918 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

Tgt Ion:112 Resp: 597156
Ion Ratio Lower Upper
112 100
64 54.8 41.1 61.7
63 29.6 20.6 30.8

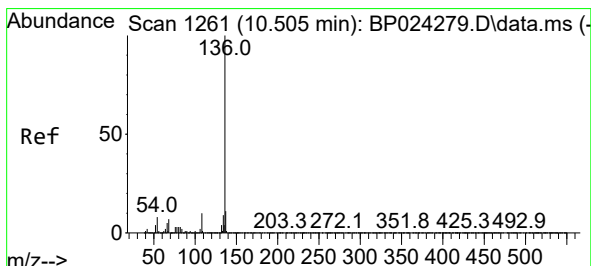
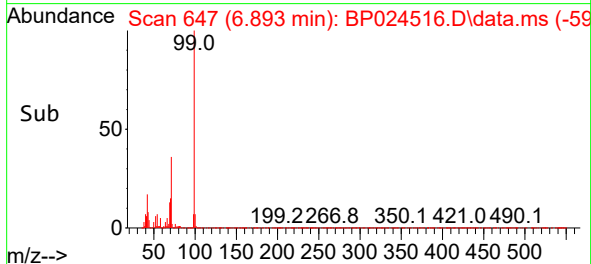
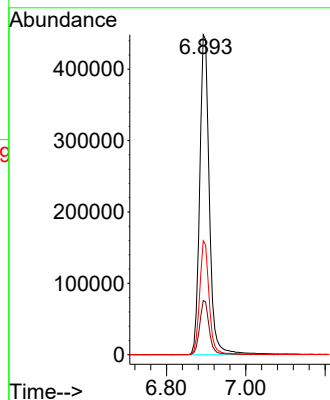
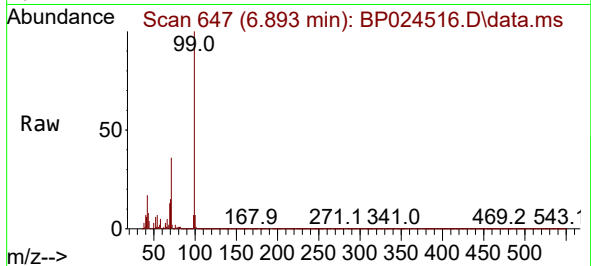




#7
Phenol-d6
Concen: 61.045 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

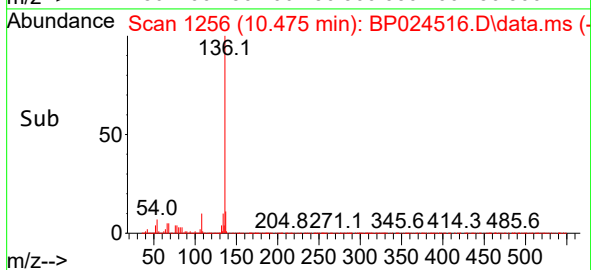
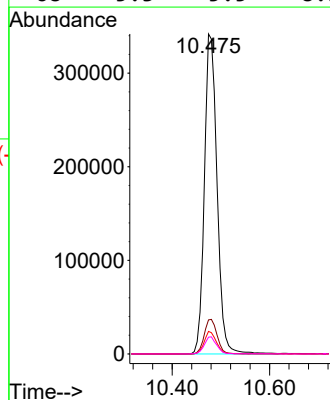
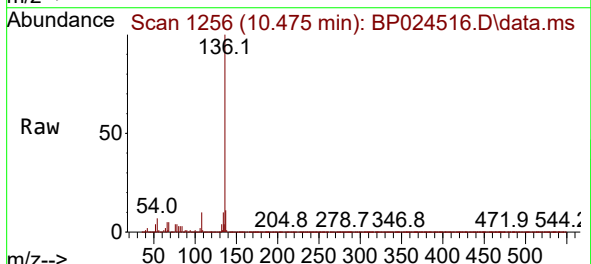
Instrument :
BNA_P
ClientSampleId :
COMP-5

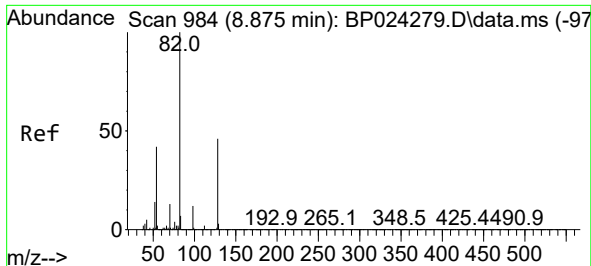
Tgt Ion: 99 Resp: 757226
Ion Ratio Lower Upper
99 100
42 16.9 10.6 16.0#
71 35.6 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

Tgt Ion: 136 Resp: 614261
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.1 6.0 9.0
68 5.3 5.5 8.3#

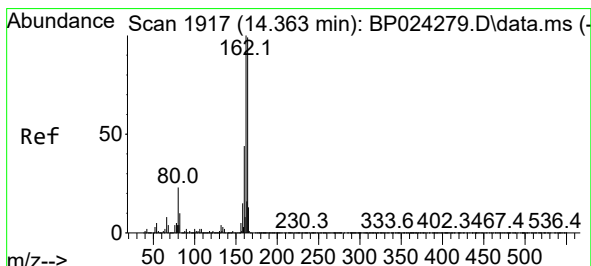
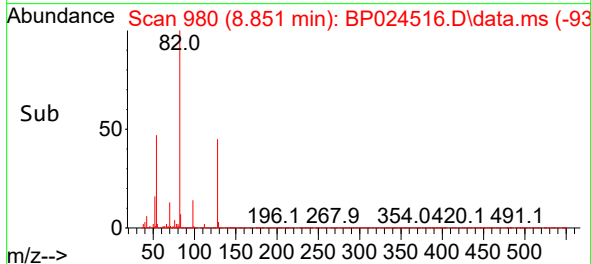
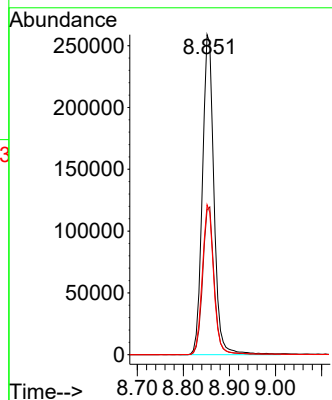
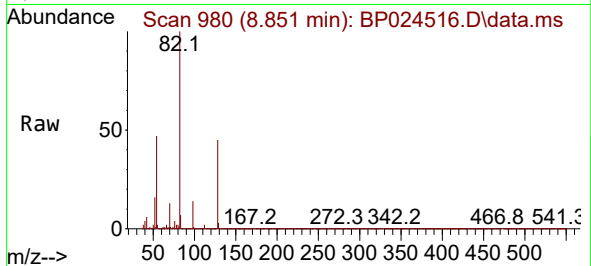




#23
Nitrobenzene-d5
Concen: 42.213 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

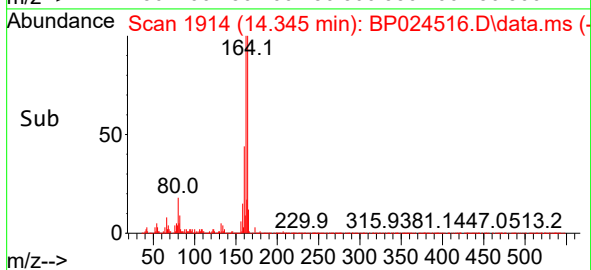
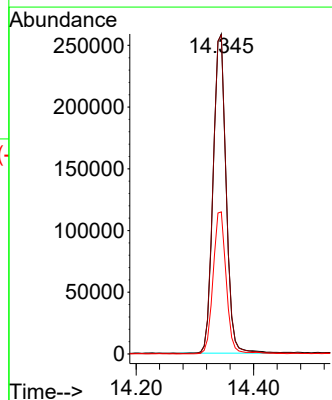
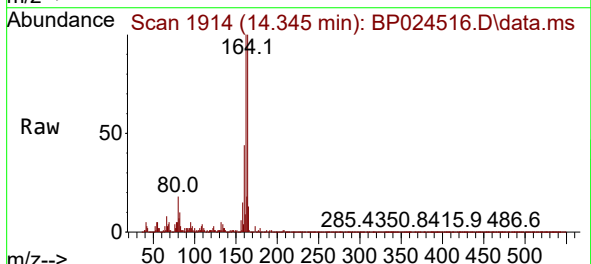
Instrument :
BNA_P
ClientSampleId :
COMP-5

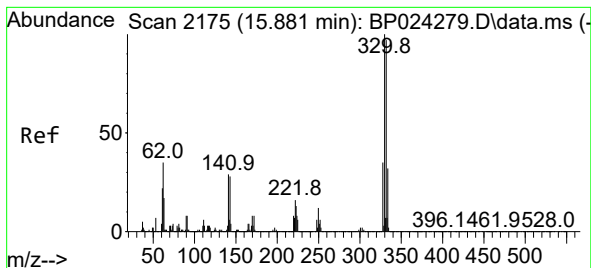
Tgt Ion: 82 Resp: 454737
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 46.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

Tgt Ion: 164 Resp: 396445
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.4 35.3 52.9

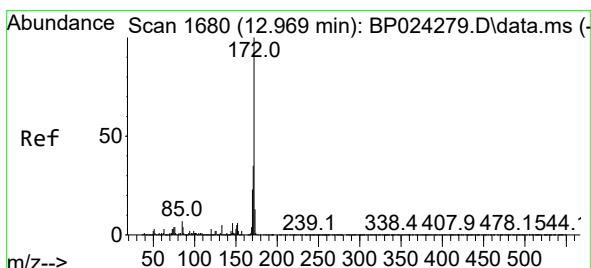
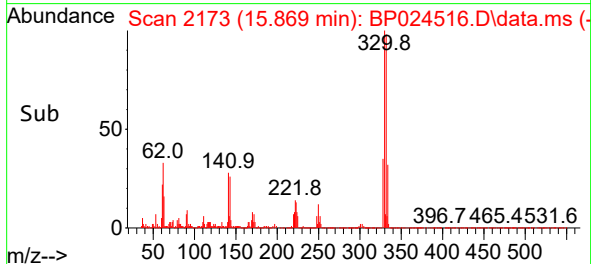
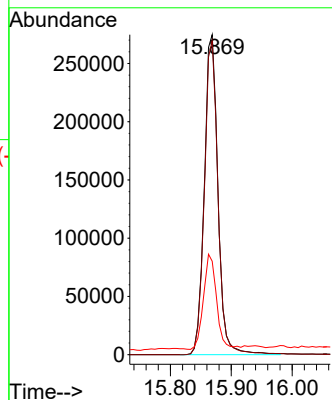
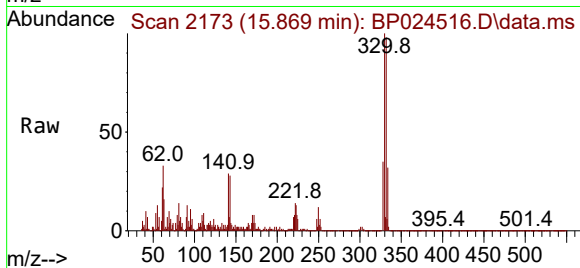




#42
2,4,6-Tribromophenol
Concen: 78.044 ng
RT: 15.869 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

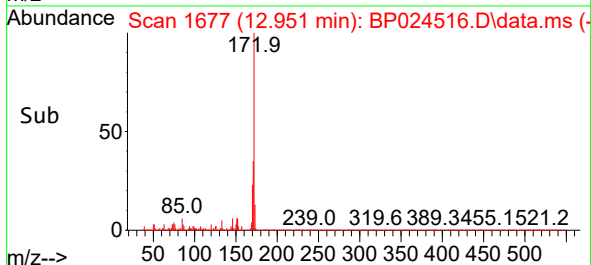
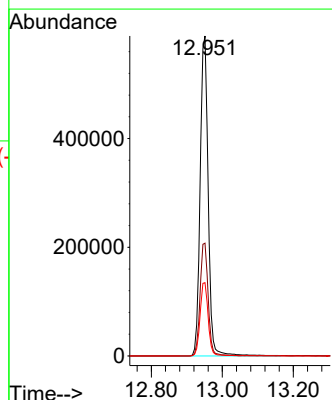
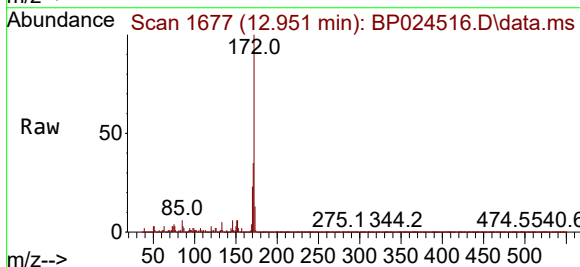
Instrument :
BNA_P
ClientSampleId :
COMP-5

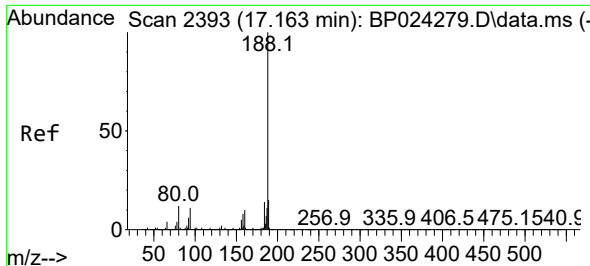
Tgt Ion: 330 Resp: 428075
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 28.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 35.827 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

Tgt Ion: 172 Resp: 927667
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 22.9 18.6 27.8

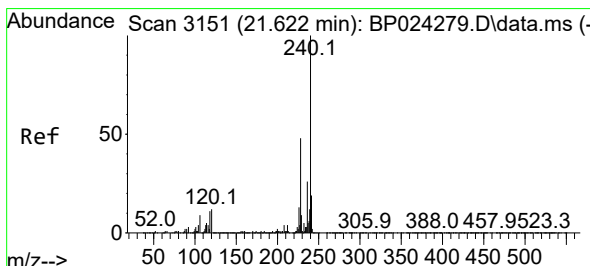
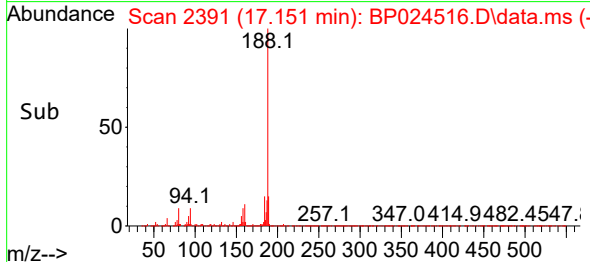
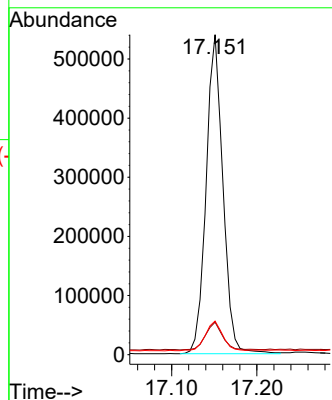
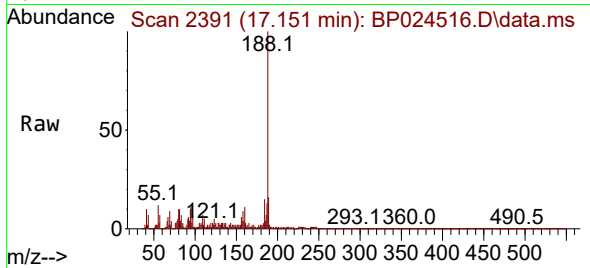




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

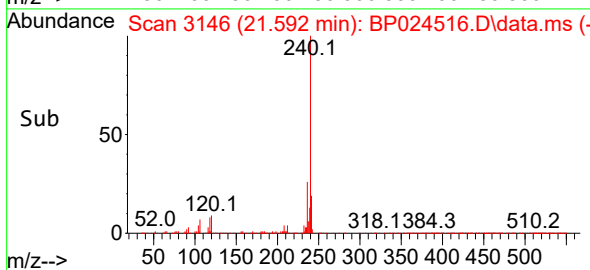
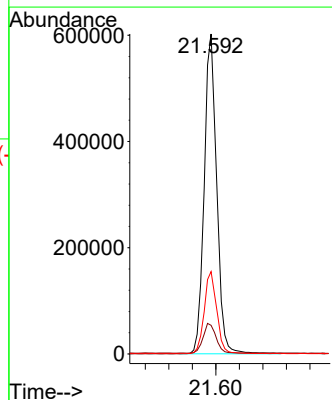
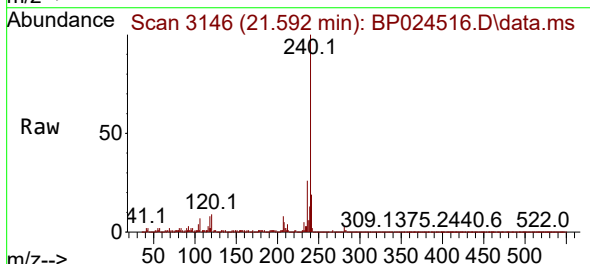
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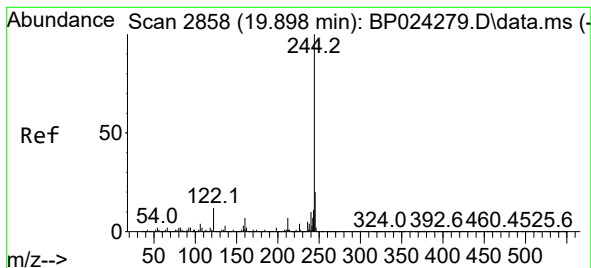
Tgt Ion:188 Resp: 740434
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 10.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP024516.D
Acq: 02 May 2025 19:44

Tgt Ion:240 Resp: 890943
Ion Ratio Lower Upper
240 100
120 9.0 9.8 14.8#
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 37.041 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024516.D

Acq: 02 May 2025 19:44

Instrument :

BNA_P

ClientSampleId :

COMP-5

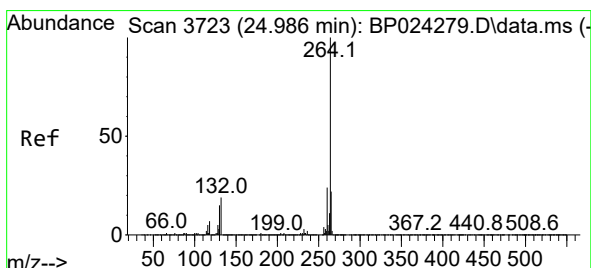
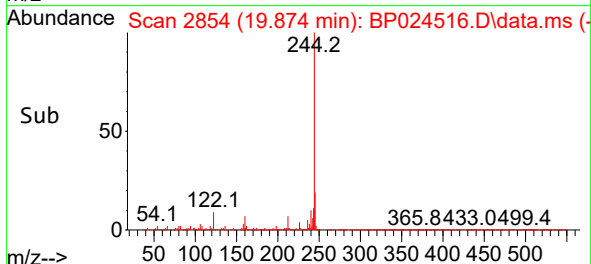
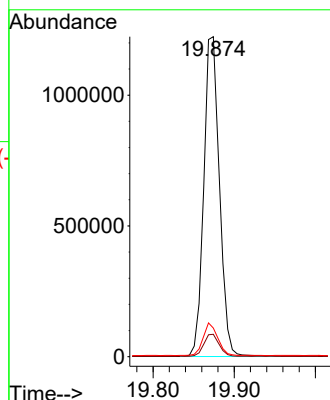
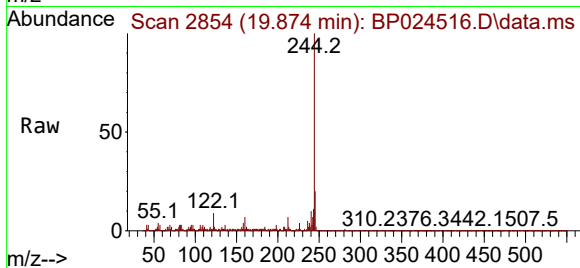
Tgt Ion:244 Resp: 1637248

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 8.9 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024516.D

Acq: 02 May 2025 19:44

Tgt Ion:264 Resp: 1087394

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.0 17.8 26.6

