

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024600.D
 Acq On : 09 May 2025 21:12
 Operator : RC/JU
 Sample : Q1983-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-01

Quant Time: May 09 22:48:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	128759	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	484838	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	283455	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	595705	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	783141	20.000	ng	0.00
86) Perylene-d12	24.874	264	943477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	891805	114.521	ng	0.00
7) Phenol-d6	6.893	99	979677	91.877	ng	0.00
23) Nitrobenzene-d5	8.852	82	720856	84.779	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	616546	157.212	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1591612	85.973	ng	0.00
79) Terphenyl-d14	19.851	244	3381826	87.041	ng	0.00

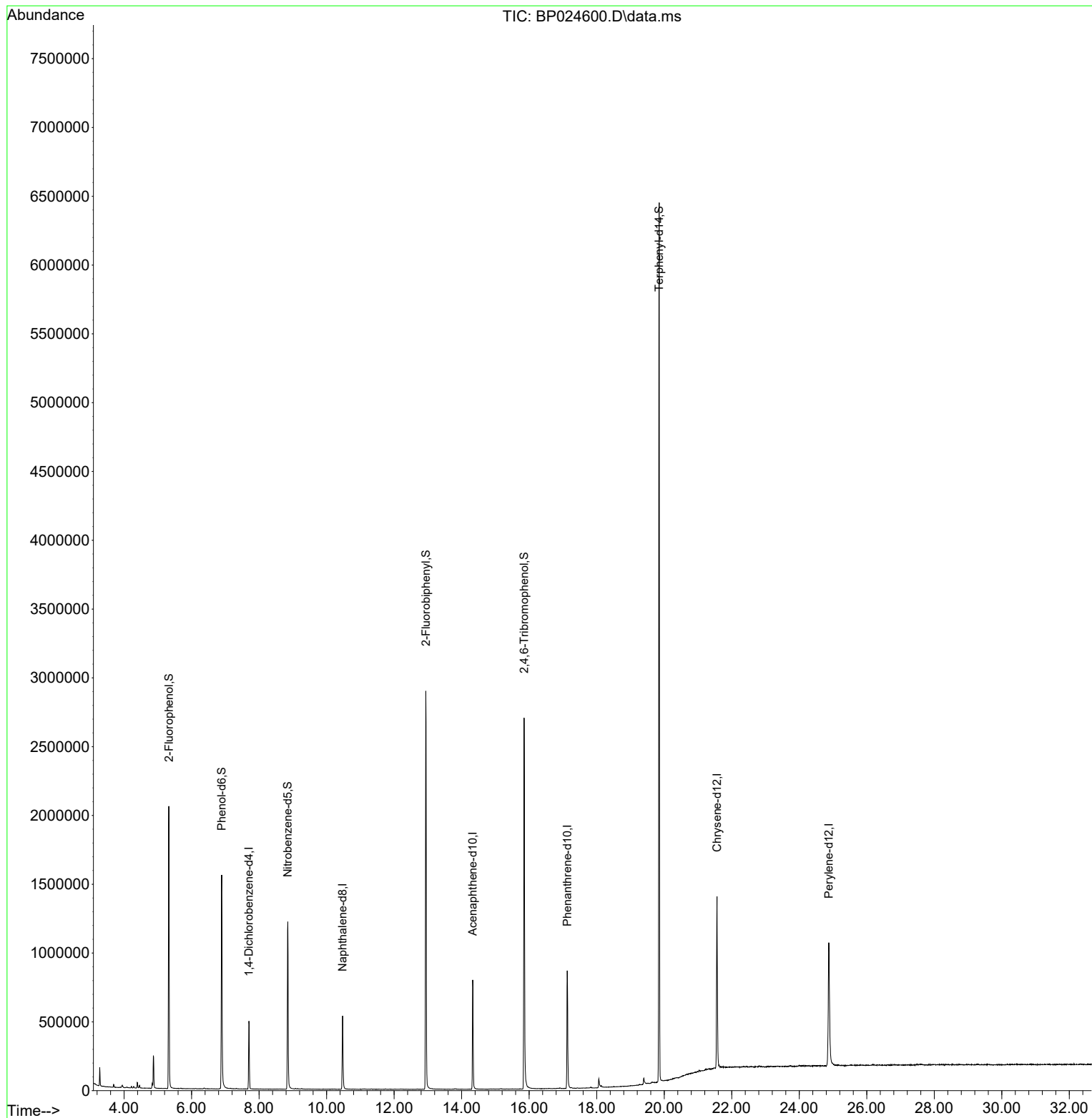
Target Compounds	Qvalue

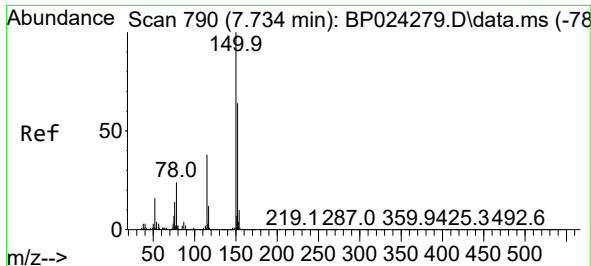
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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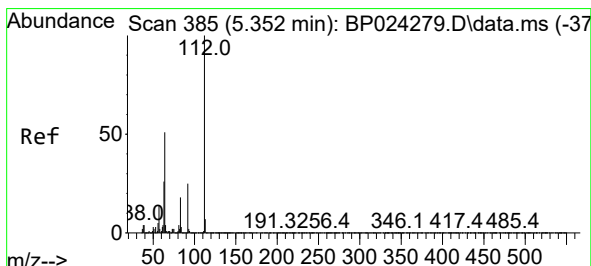
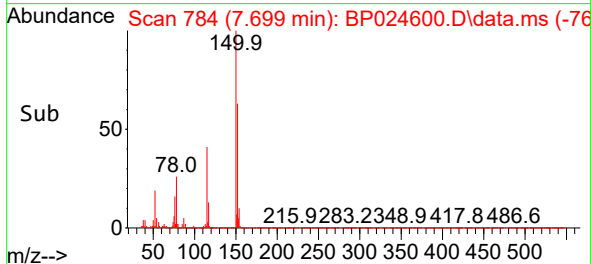
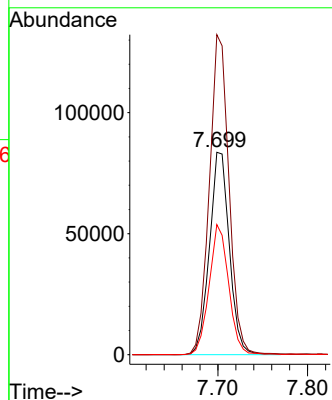
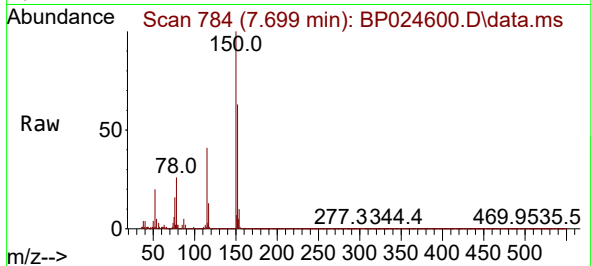




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

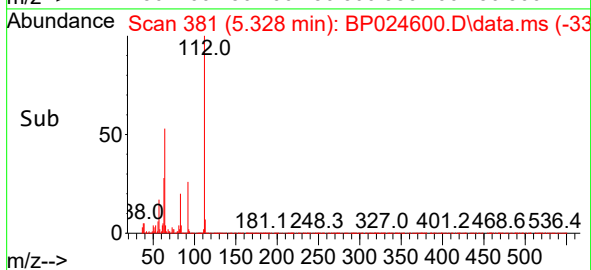
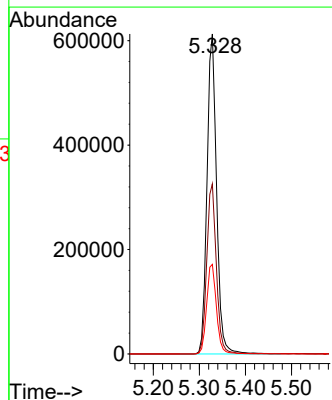
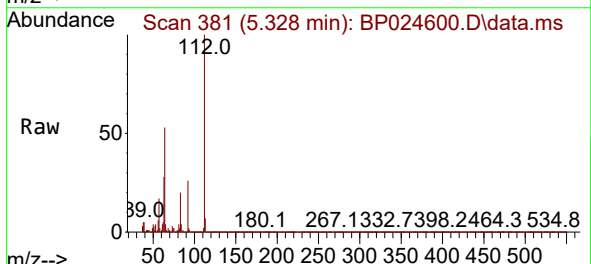
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-01

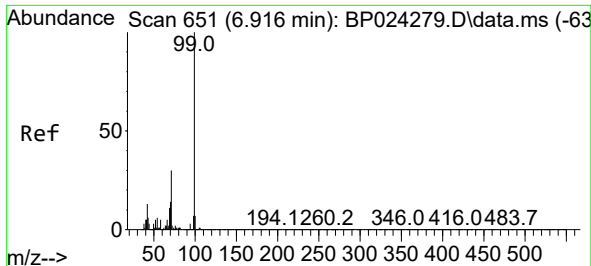
Tgt Ion:152 Resp: 128759
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 64.3 47.7 71.5



#5
2-Fluorophenol
Concen: 114.521 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

Tgt Ion:112 Resp: 891805
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 28.0 20.6 30.8

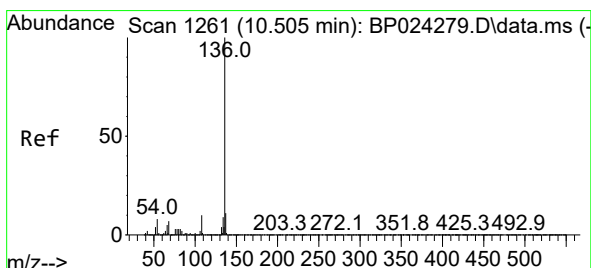
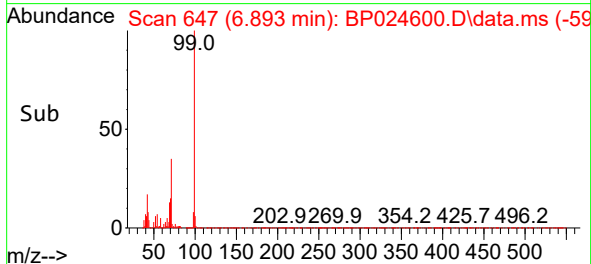
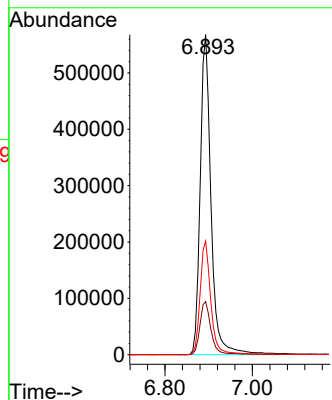
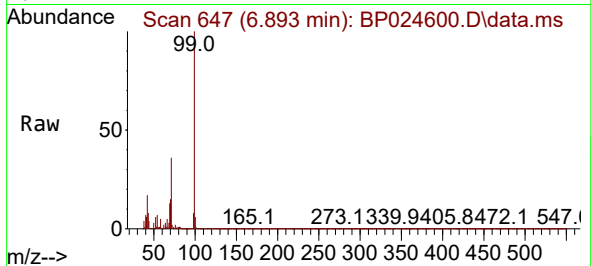




#7
Phenol-d6
Concen: 91.877 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

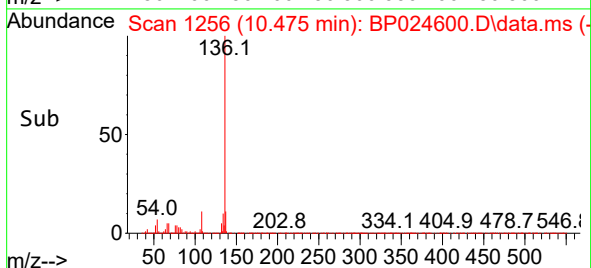
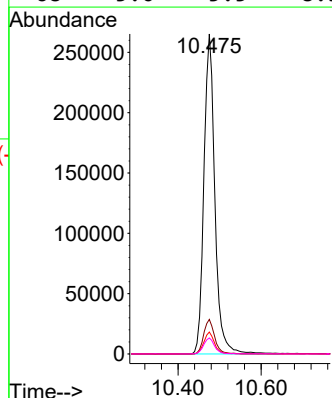
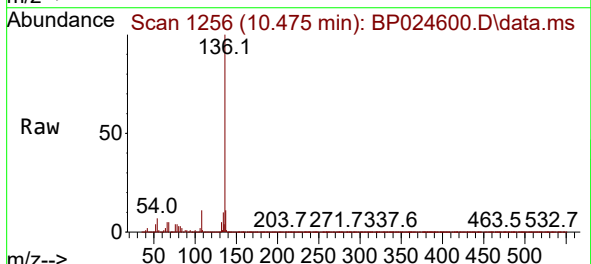
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-01

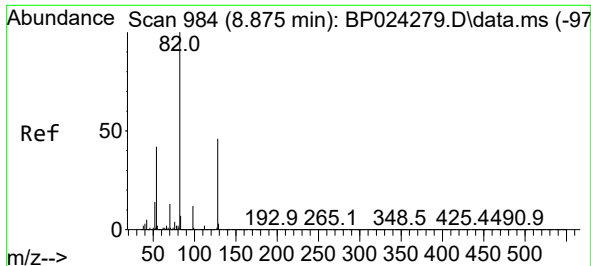
Tgt Ion: 99 Resp: 979677
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

Tgt Ion: 136 Resp: 484838
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 5.0 5.5 8.3#

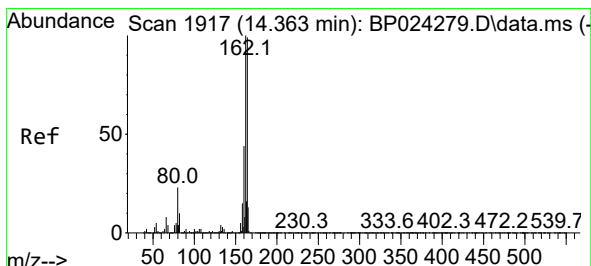
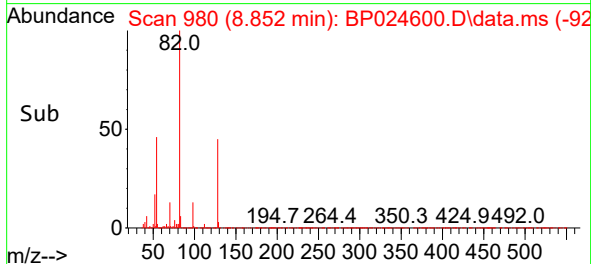
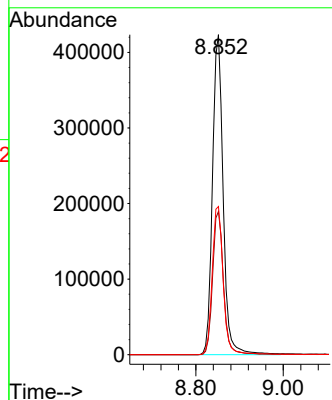
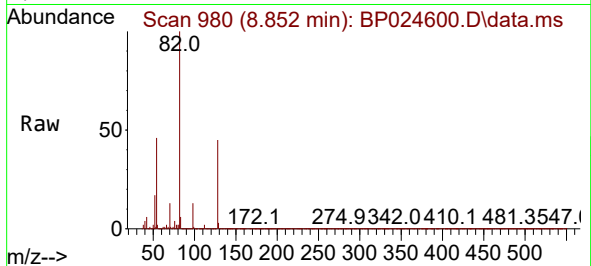




#23
Nitrobenzene-d5
Concen: 84.779 ng
RT: 8.852 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

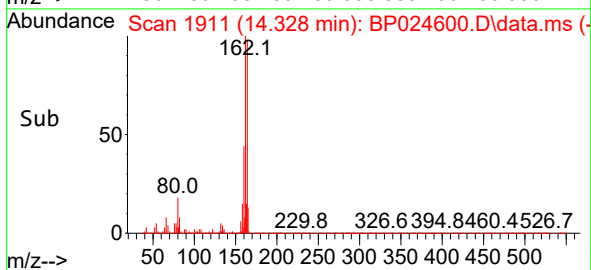
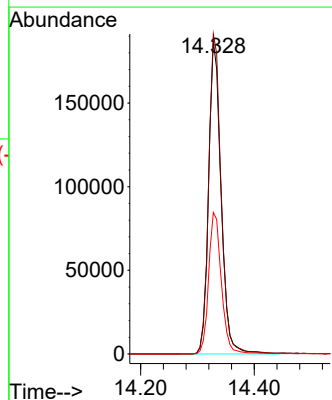
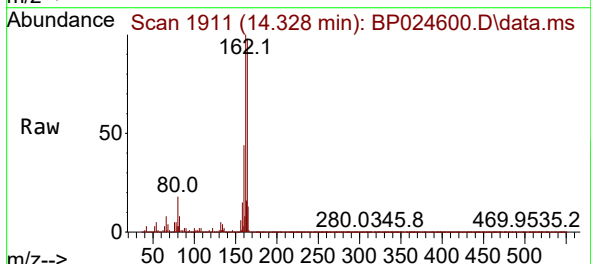
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-01

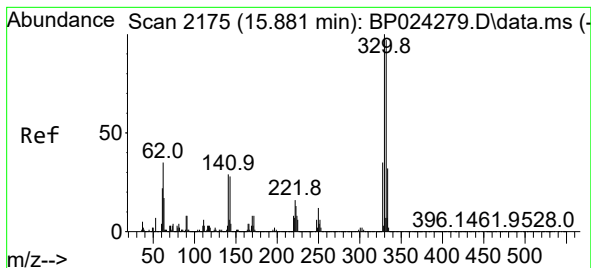
Tgt Ion: 82 Resp: 720856
Ion Ratio Lower Upper
82 100
128 44.7 36.5 54.7
54 46.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

Tgt Ion: 164 Resp: 283455
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 157.212 ng

RT: 15.851 min Scan# 2175

Delta R.T. 0.006 min

Lab File: BP024600.D

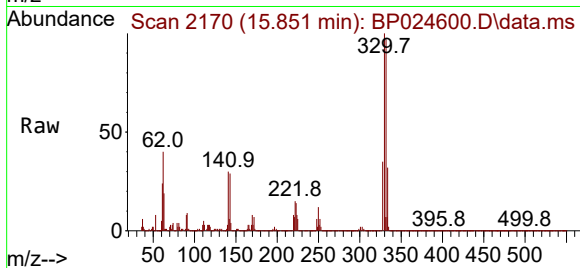
Acq: 09 May 2025 21:12

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-01



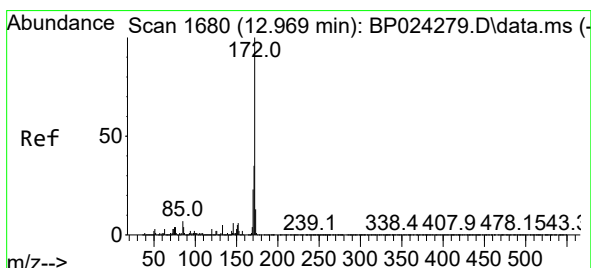
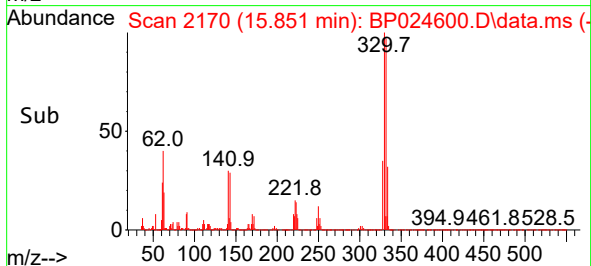
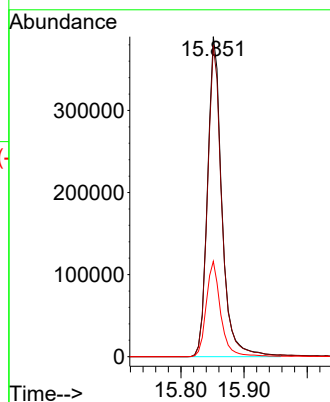
Tgt Ion:330 Resp: 616546

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 85.973 ng

RT: 12.940 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BP024600.D

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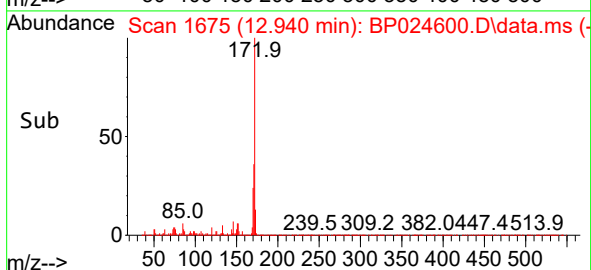
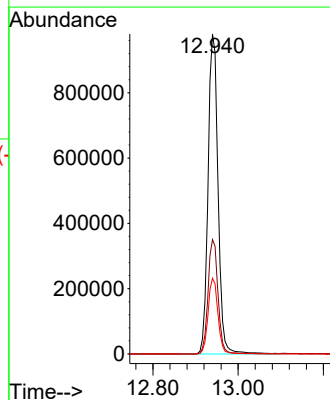
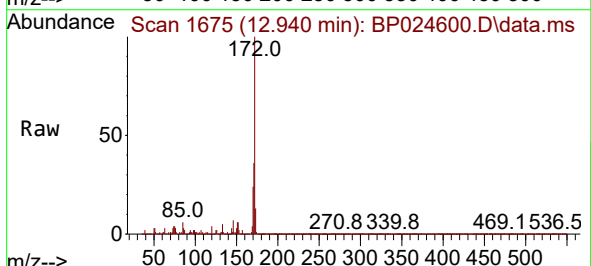
Tgt Ion:172 Resp: 1591612

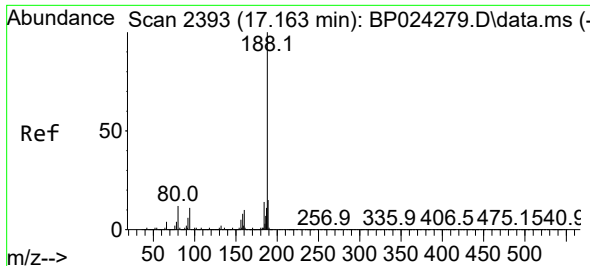
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.7 18.6 27.8

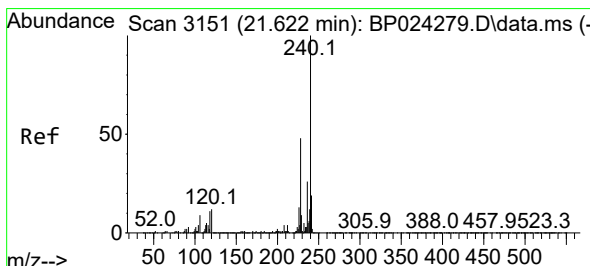
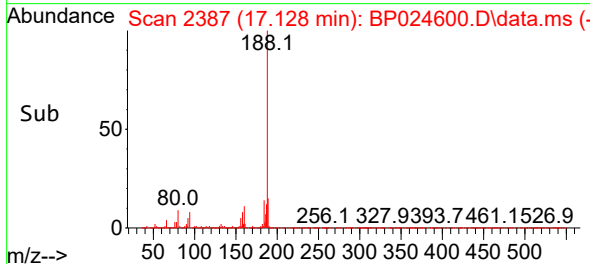
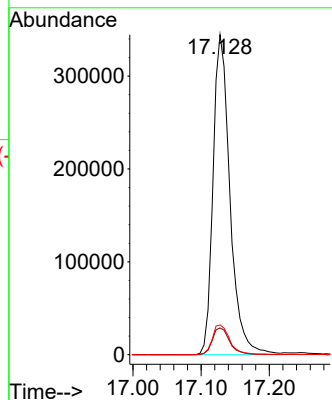
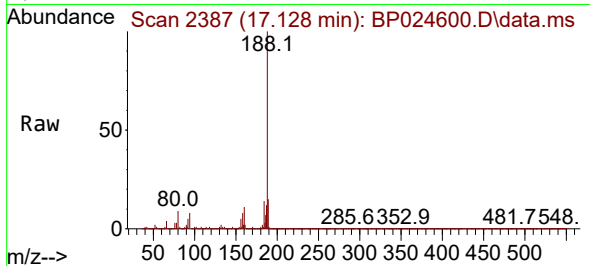




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

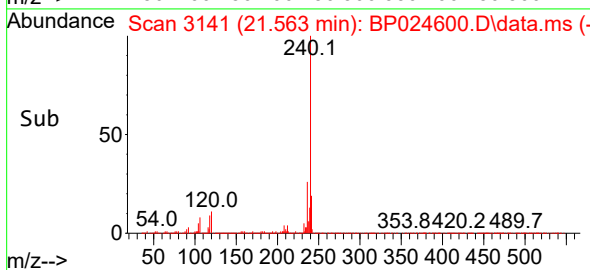
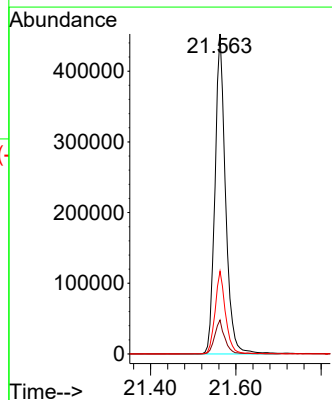
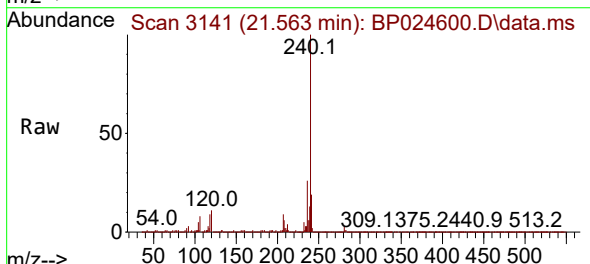
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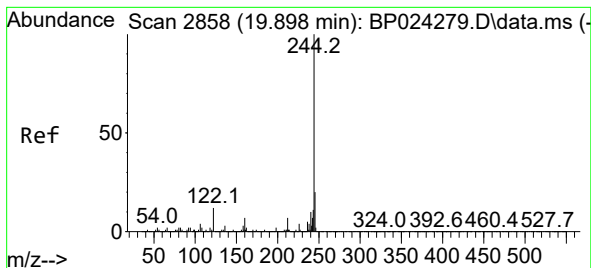
Tgt Ion:188 Resp: 595705
Ion Ratio Lower Upper
188 100
94 8.4 8.6 13.0#
80 9.3 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BP024600.D
Acq: 09 May 2025 21:12

Tgt Ion:240 Resp: 783141
Ion Ratio Lower Upper
240 100
120 10.6 9.8 14.8
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 87.041 ng

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024600.D

Acq: 09 May 2025 21:12

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-01

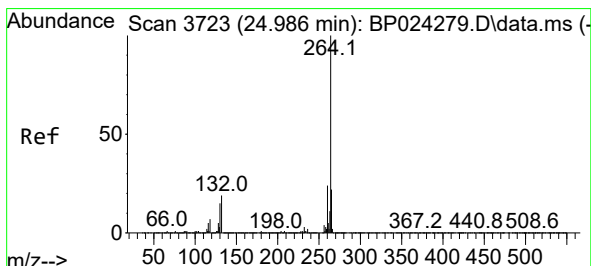
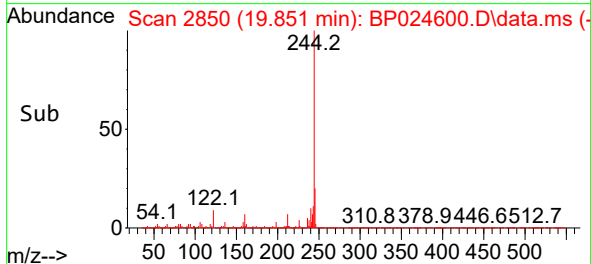
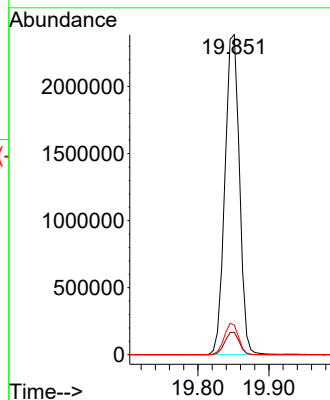
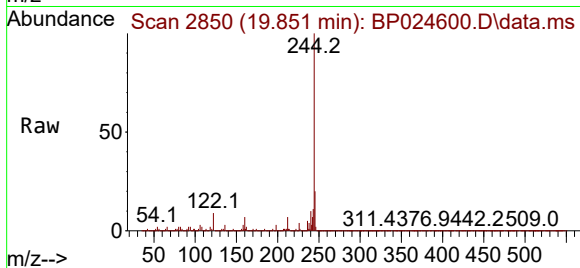
Tgt Ion:244 Resp: 3381826

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.2 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.874 min Scan# 3704

Delta R.T. -0.011 min

Lab File: BP024600.D

Acq: 09 May 2025 21:12

Tgt Ion:264 Resp: 943477

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.4 17.8 26.6

