

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024601.D
 Acq On : 09 May 2025 21:53
 Operator : RC/JU
 Sample : Q1983-54
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-09

Quant Time: May 09 22:48:42 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	7.698	152	129398	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	493257	20.000	ng	# 0.00
39) Acenaphthene-d10	14.327	164	291319	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	607686	20.000	ng	# 0.00
76) Chrysene-d12	21.568	240	715766	20.000	ng	# 0.00
86) Perylene-d12	24.897	264	803459	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	952869	121.758	ng	0.00
7) Phenol-d6	6.893	99	1034740	96.561	ng	0.00
23) Nitrobenzene-d5	8.845	82	800365	92.523	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	702443	174.280	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	1775782	93.331	ng	0.00
79) Terphenyl-d14	19.851	244	3604056	101.492	ng	0.00

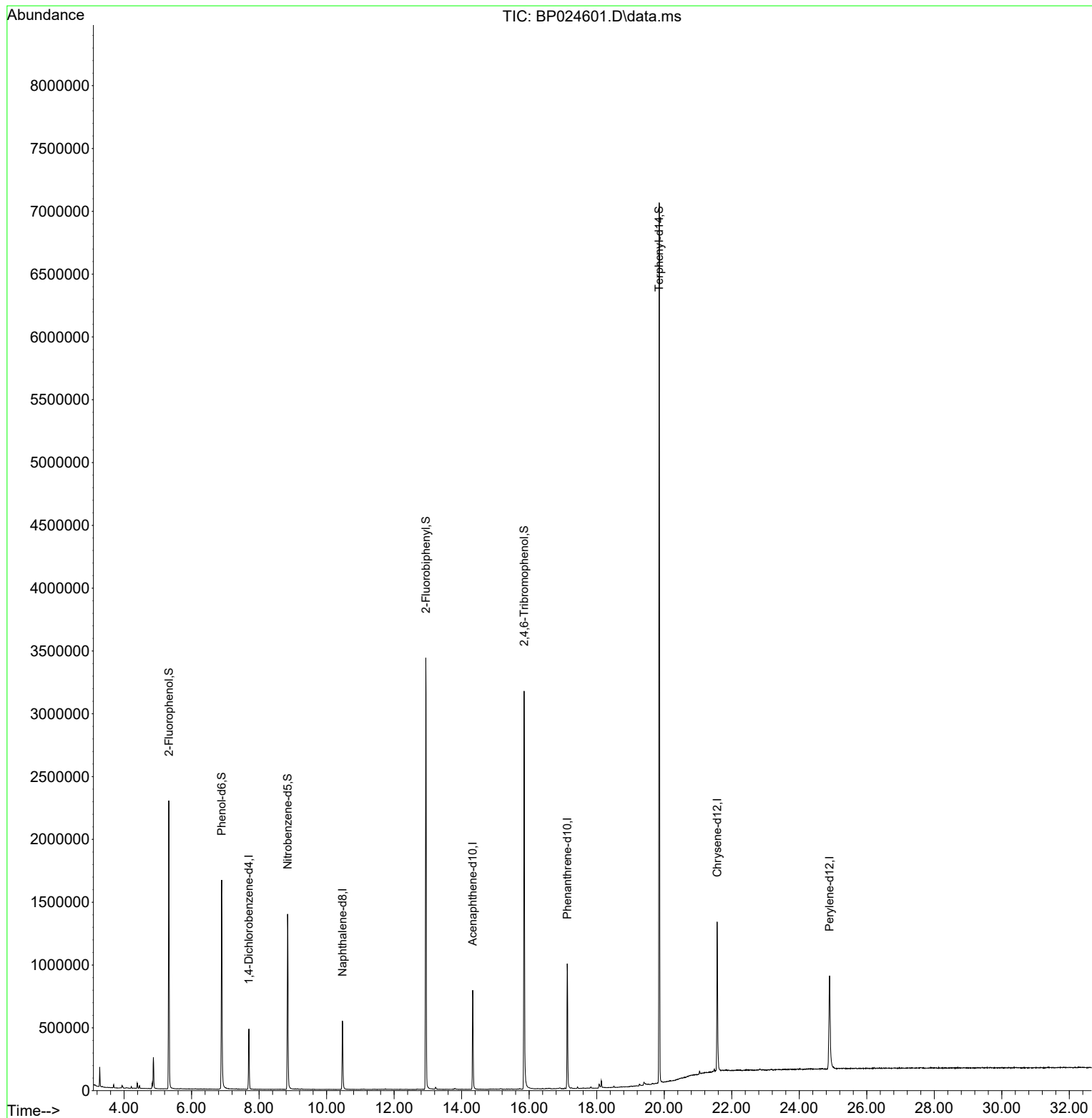
Target Compounds	Qvalue

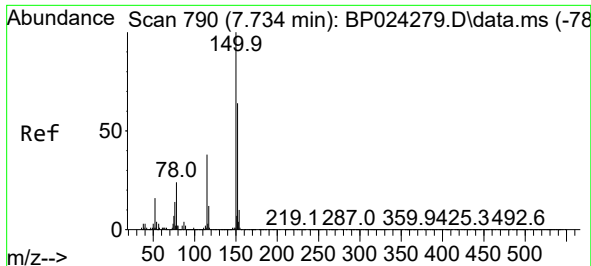
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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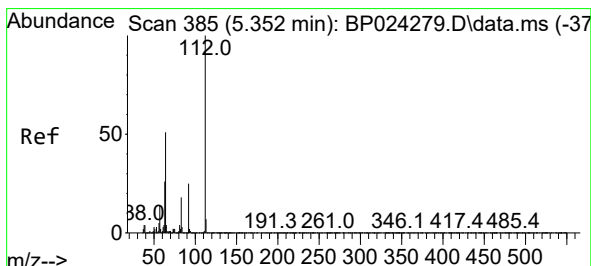
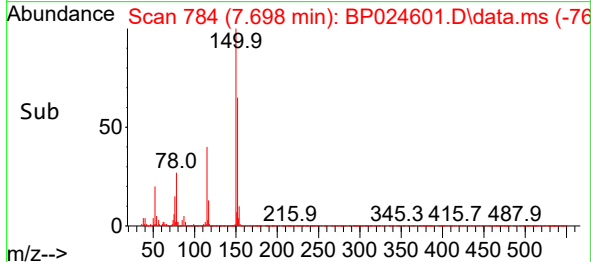
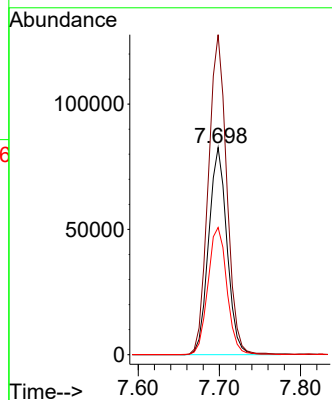
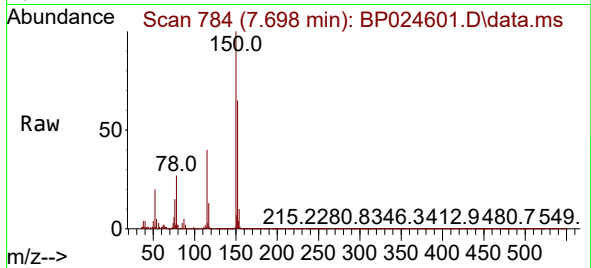




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

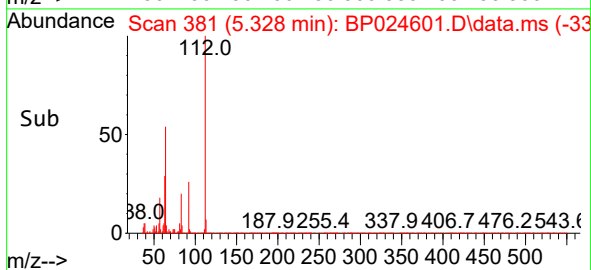
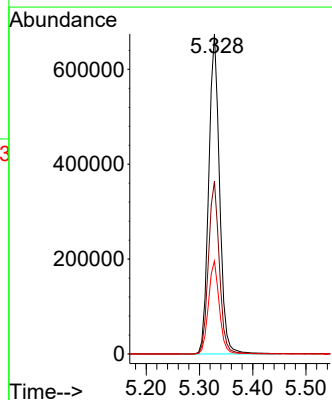
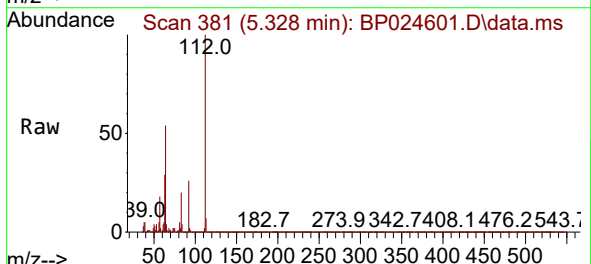
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

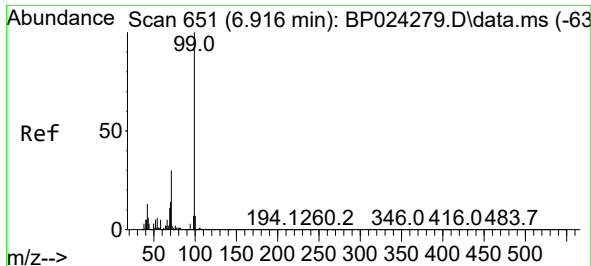
Tgt Ion:152 Resp: 129398
Ion Ratio Lower Upper
152 100
150 154.4 124.9 187.3
115 61.4 47.7 71.5



#5
2-Fluorophenol
Concen: 121.758 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

Tgt Ion:112 Resp: 952869
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 29.1 20.6 30.8

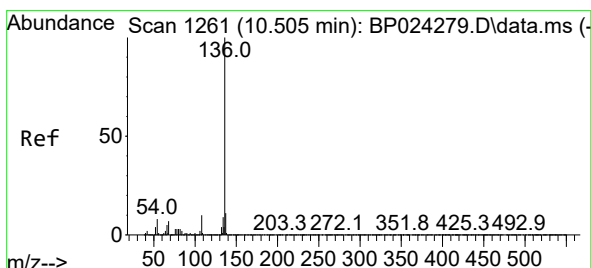
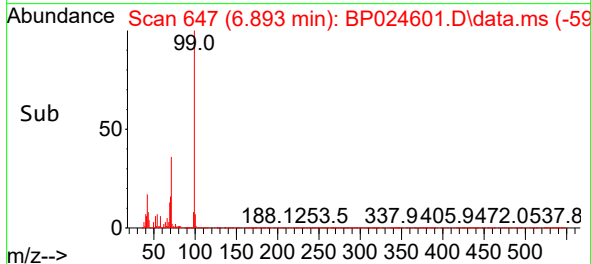
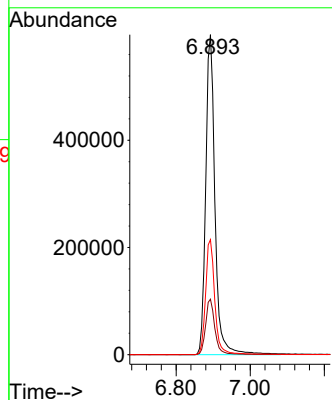
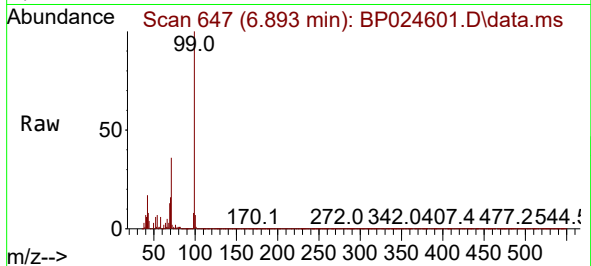




#7
Phenol-d6
Concen: 96.561 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

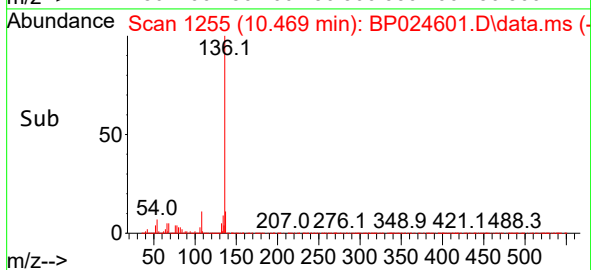
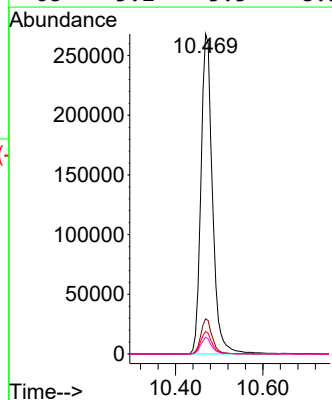
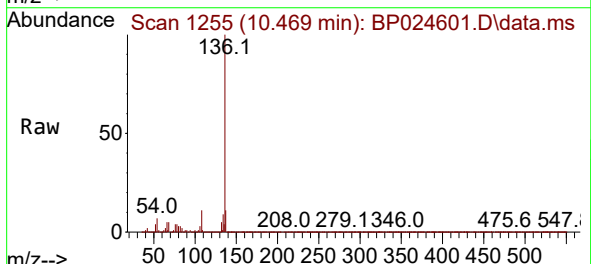
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

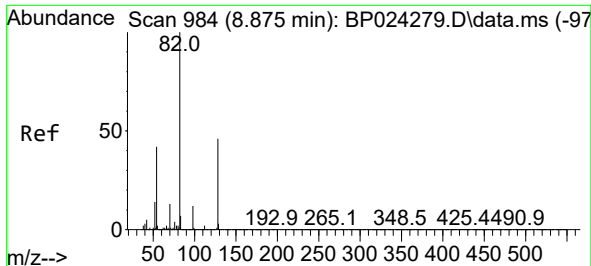
Tgt Ion: 99 Resp: 1034740
Ion Ratio Lower Upper
99 100
42 17.3 10.6 16.0#
71 36.0 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

Tgt Ion: 136 Resp: 493257
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 5.2 5.5 8.3#

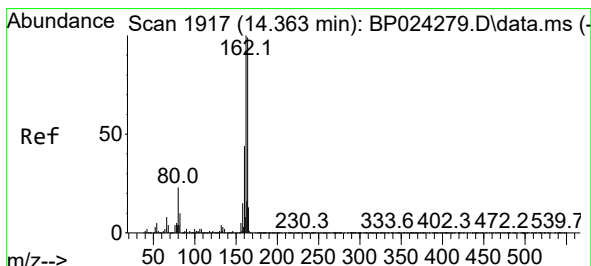
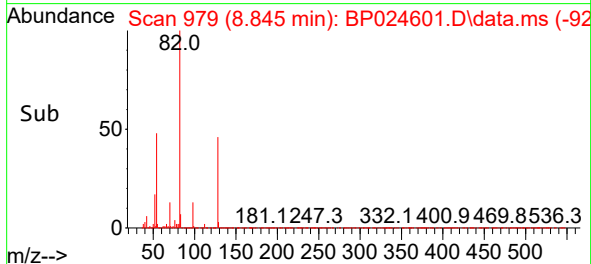
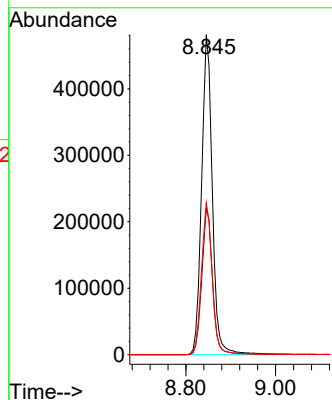
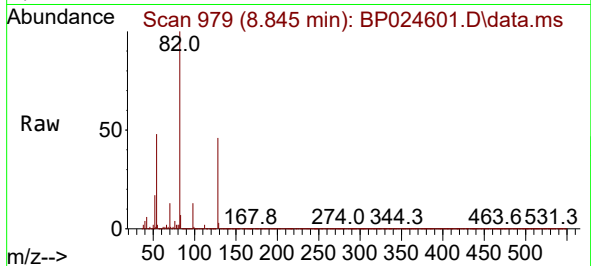




#23
Nitrobenzene-d5
Concen: 92.523 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

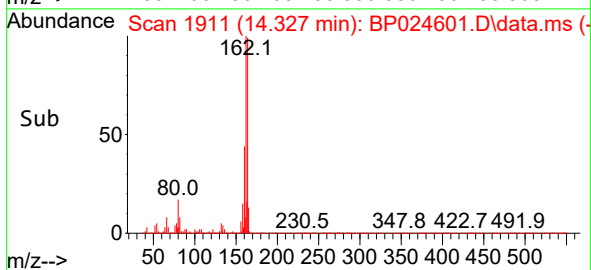
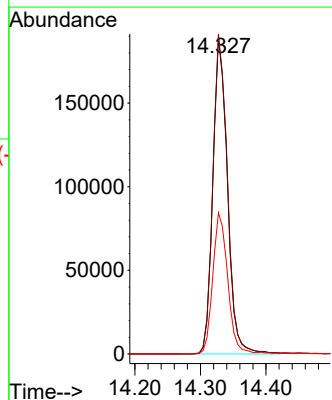
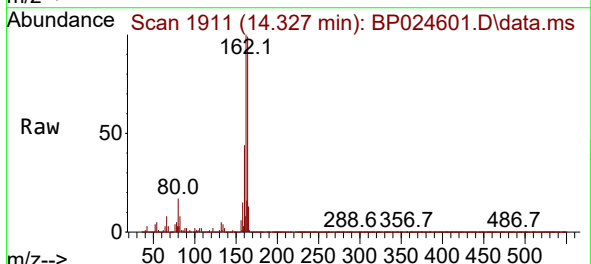
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

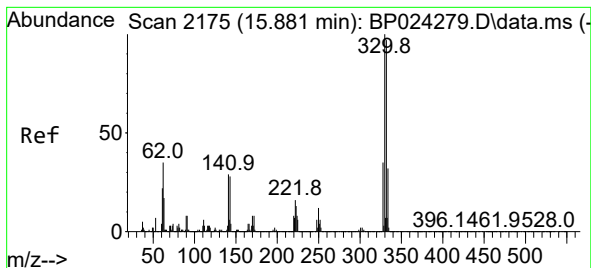
Tgt Ion: 82 Resp: 800365
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 47.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

Tgt Ion: 164 Resp: 291319
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 174.280 ng

RT: 15.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024601.D

Acq: 09 May 2025 21:53

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-09

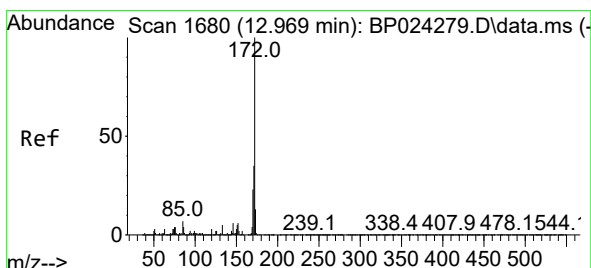
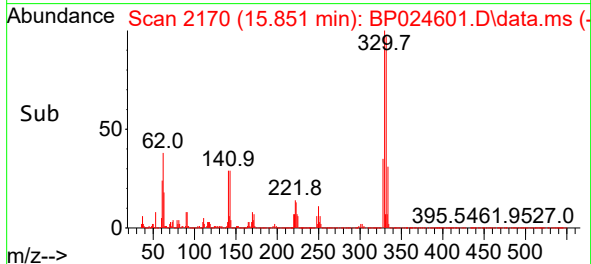
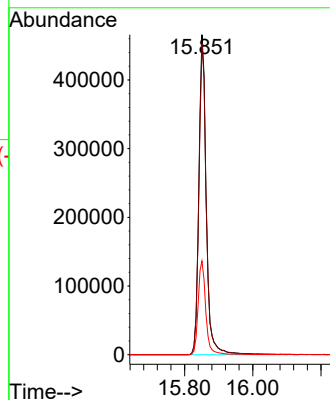
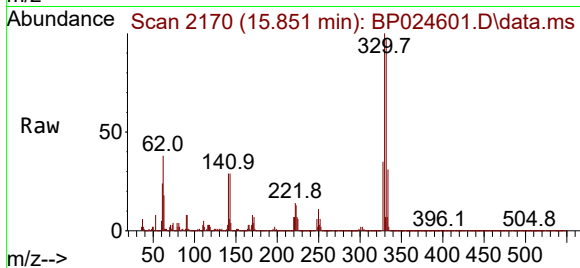
Tgt Ion:330 Resp: 702443

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 93.331 ng

RT: 12.939 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BP024601.D

Acq: 09 May 2025 21:53

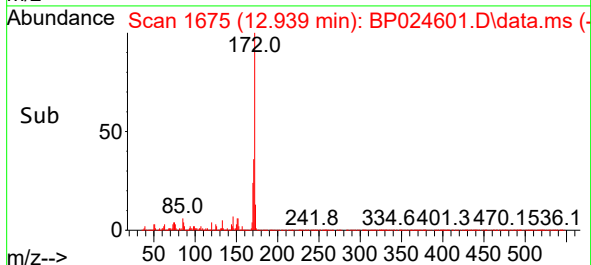
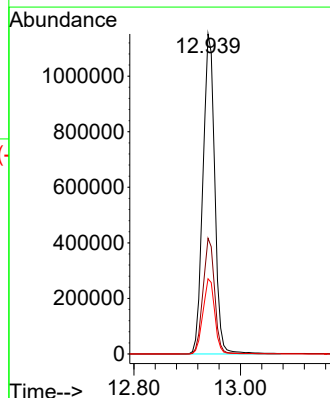
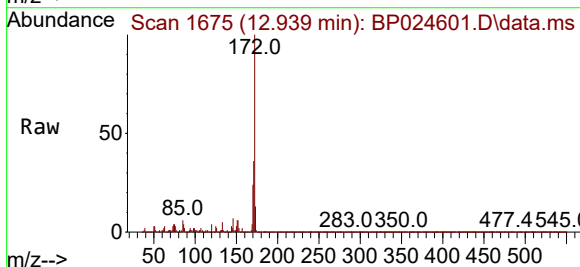
Tgt Ion:172 Resp: 1775782

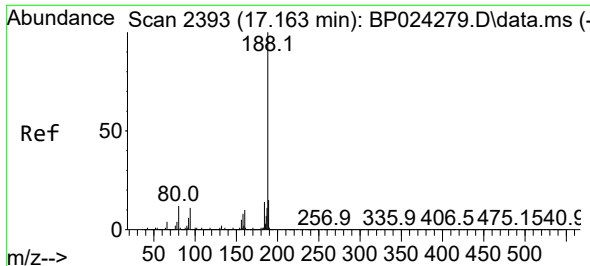
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

170 23.5 18.6 27.8

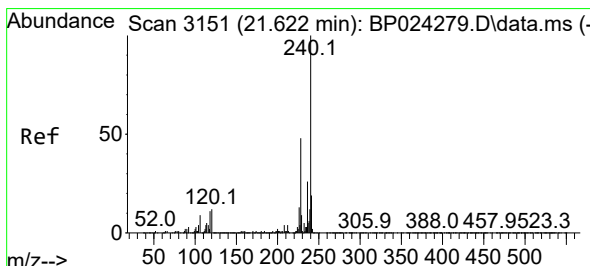
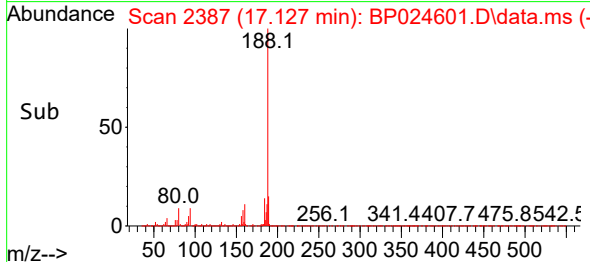
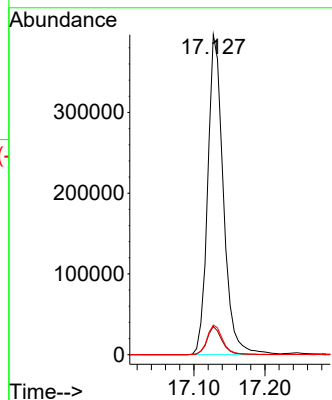
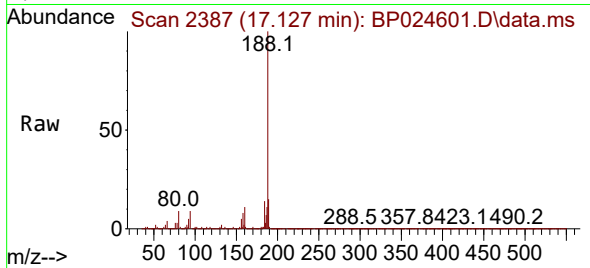




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

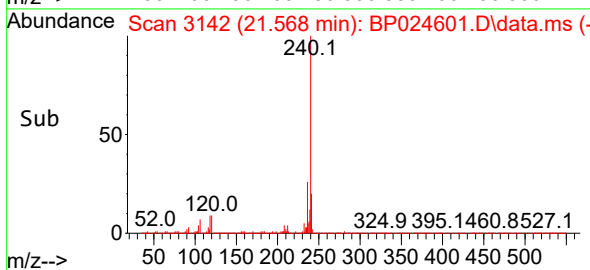
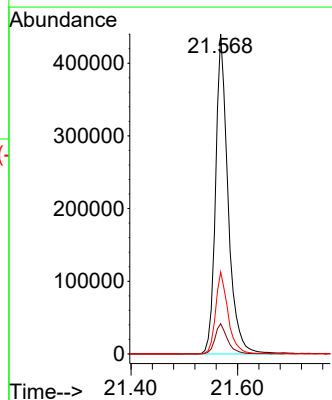
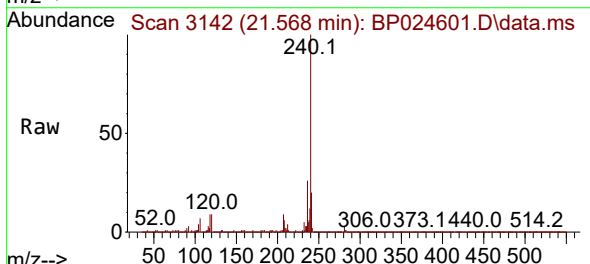
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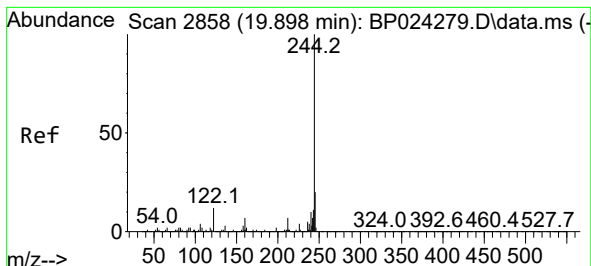
Tgt Ion:188 Resp: 607686
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BP024601.D
Acq: 09 May 2025 21:53

Tgt Ion:240 Resp: 715766
Ion Ratio Lower Upper
240 100
120 9.5 9.8 14.8#
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 101.492 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024601.D

Acq: 09 May 2025 21:53

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-09

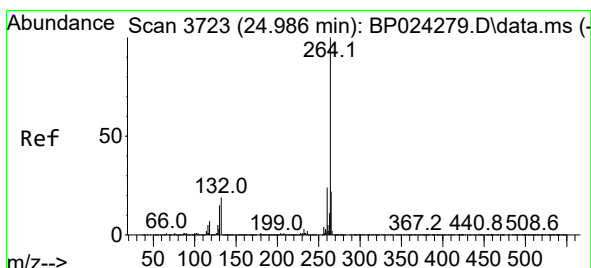
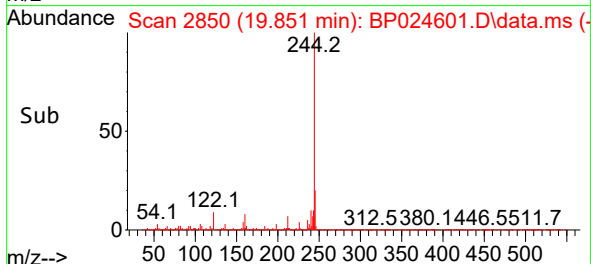
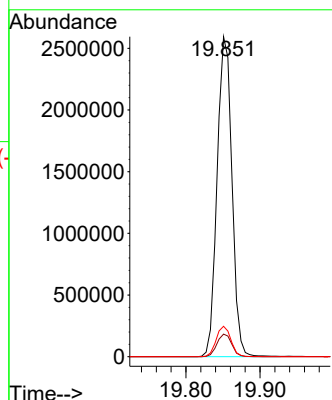
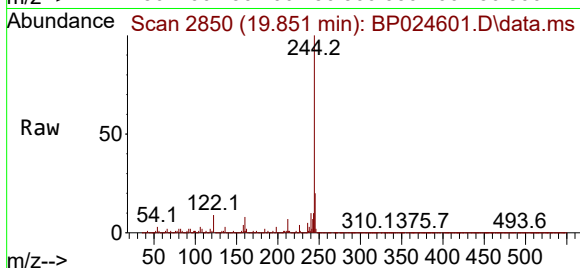
Tgt Ion:244 Resp: 3604056

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.897 min Scan# 3708

Delta R.T. 0.012 min

Lab File: BP024601.D

Acq: 09 May 2025 21:53

Tgt Ion:264 Resp: 803459

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.9 17.8 26.6

