

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024305.D
 Acq On : 16 Apr 2025 10:23
 Operator : RC/JU
 Sample : PB167606BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167606BL

Quant Time: Apr 16 10:59:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	275099	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1054721	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	594014	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	1076402	20.000	ng	-0.01
76) Chrysene-d12	21.616	240	1164465	20.000	ng	0.00
86) Perylene-d12	24.980	264	1392041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2218097	133.317	ng	0.00
7) Phenol-d6	6.911	99	2722070	119.484	ng	0.00
23) Nitrobenzene-d5	8.875	82	1645802	88.977	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	968451	117.838	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3494658	90.077	ng	-0.01
79) Terphenyl-d14	19.904	244	5006616	86.662	ng	-0.02

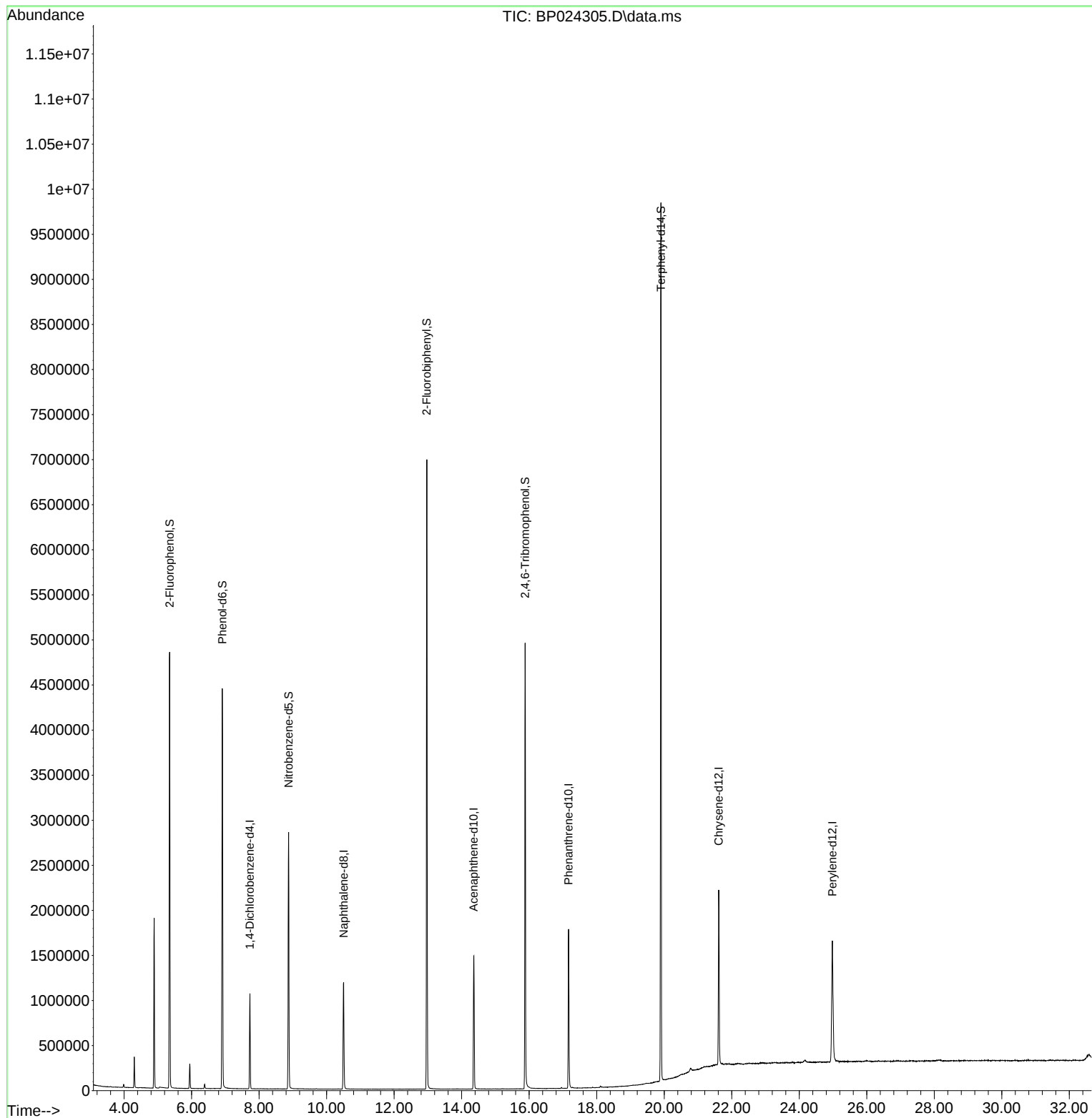
Target Compounds	Qvalue

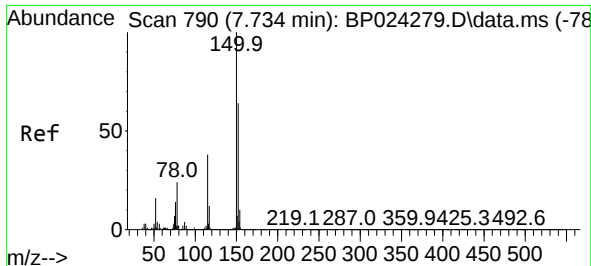
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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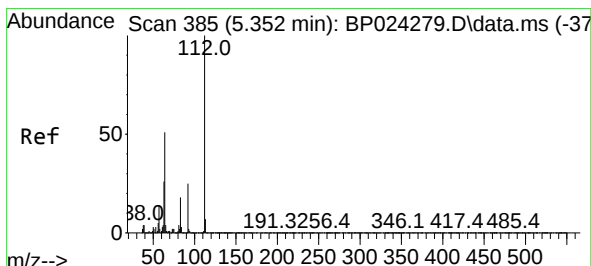
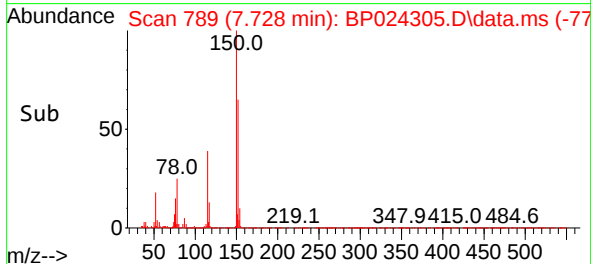
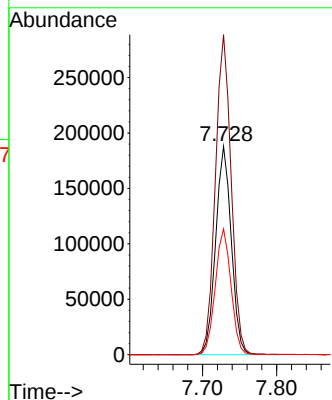
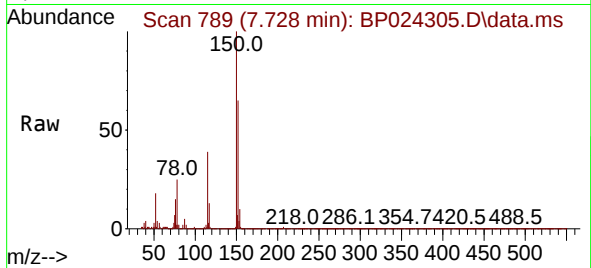




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024305.D
 Acq: 16 Apr 2025 10:23

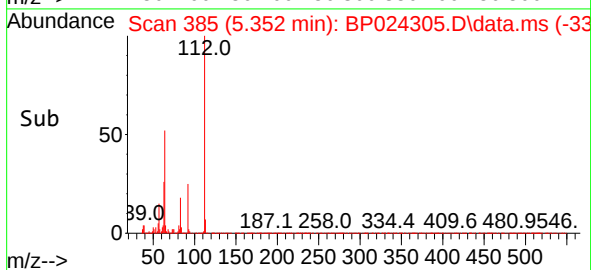
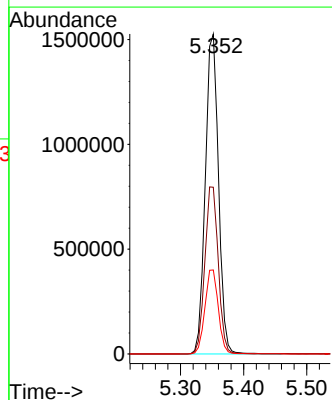
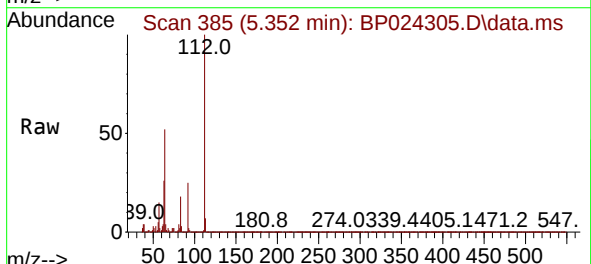
Instrument :
 BNA_P
 ClientSampleId :
 PB167606BL

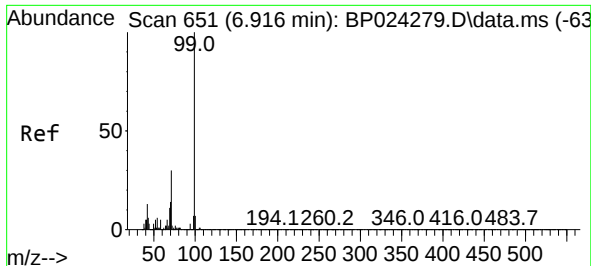
Tgt Ion:152 Resp: 275099
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.9 187.3
 115 60.4 47.7 71.5



#5
 2-Fluorophenol
 Concen: 133.317 ng
 RT: 5.352 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: BP024305.D
 Acq: 16 Apr 2025 10:23

Tgt Ion:112 Resp: 2218097
 Ion Ratio Lower Upper
 112 100
 64 52.1 41.1 61.7
 63 26.3 20.6 30.8

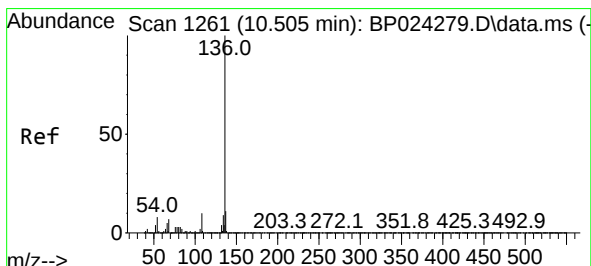
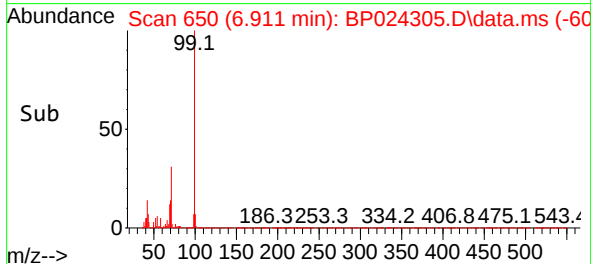
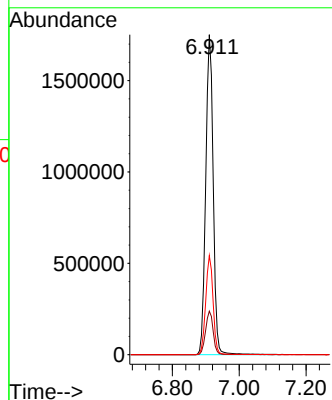
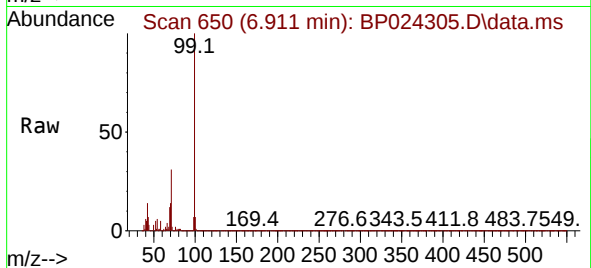




#7
Phenol-d6
Concen: 119.484 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

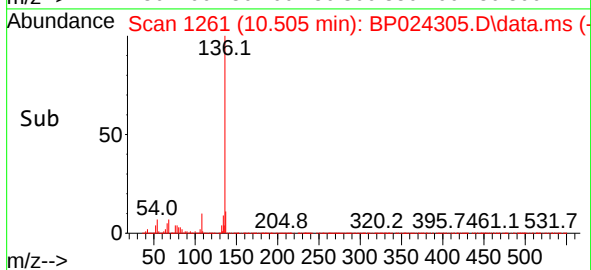
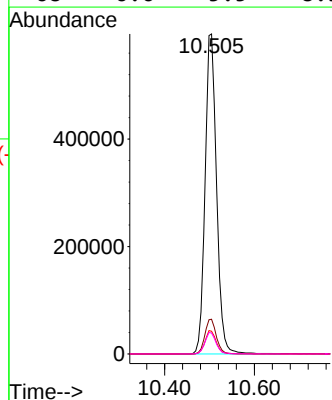
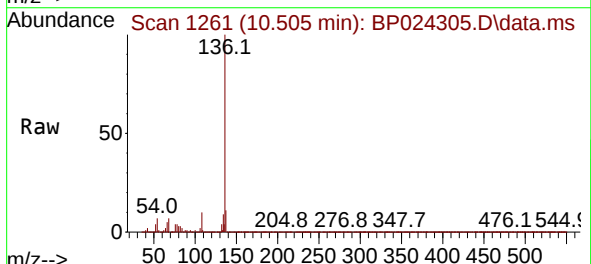
Instrument :
BNA_P
ClientSampleId :
PB167606BL

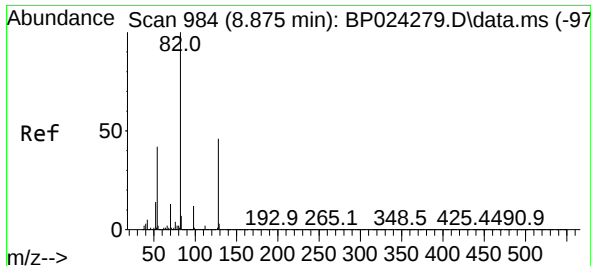
Tgt Ion: 99 Resp: 2722070
Ion Ratio Lower Upper
99 100
42 13.6 10.6 16.0
71 31.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

Tgt Ion: 136 Resp: 1054721
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.1 6.0 9.0
68 6.6 5.5 8.3

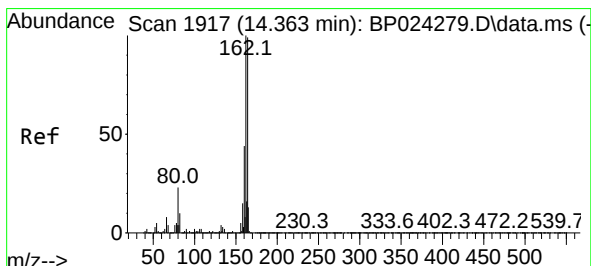
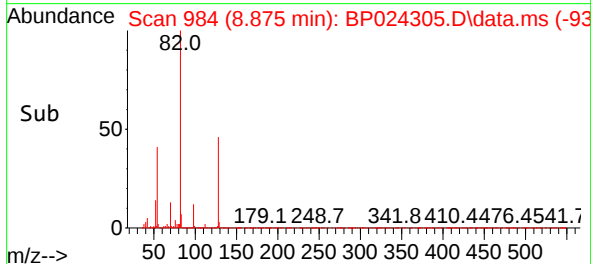
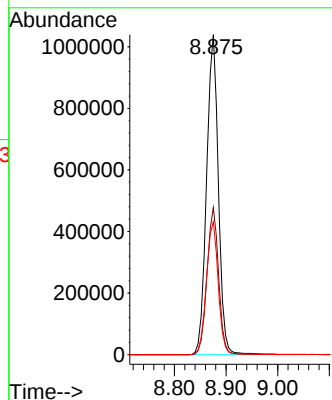
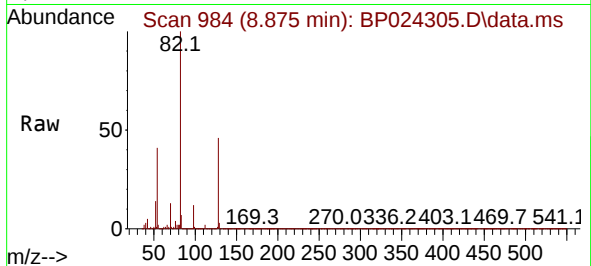




#23
Nitrobenzene-d5
Concen: 88.977 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

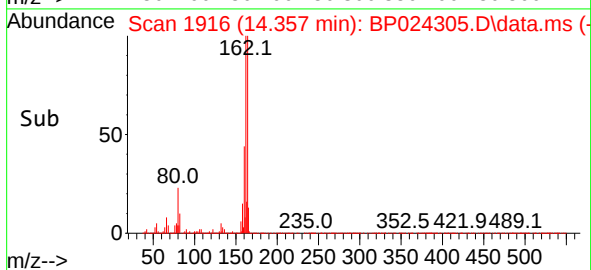
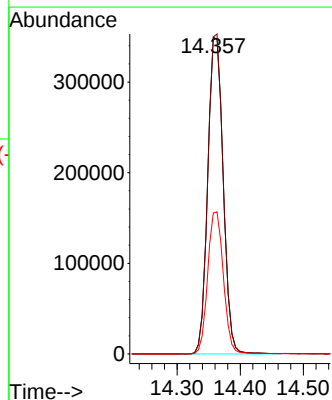
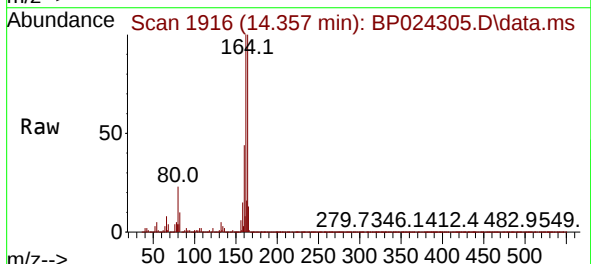
Instrument :
BNA_P
ClientSampleId :
PB167606BL

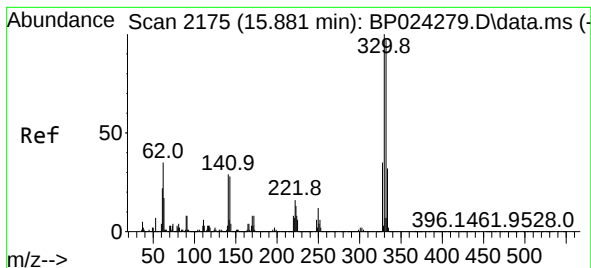
Tgt Ion: 82 Resp: 1645802
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 41.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

Tgt Ion: 164 Resp: 594014
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 117.838 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024305.D

Acq: 16 Apr 2025 10:23

Instrument :

BNA_P

ClientSampleId :

PB167606BL

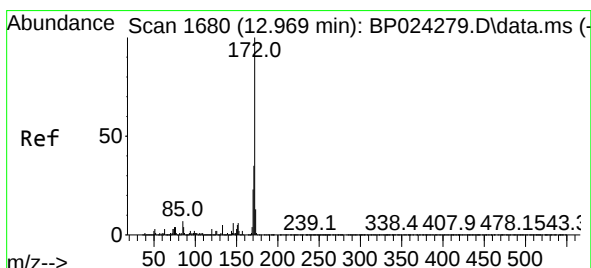
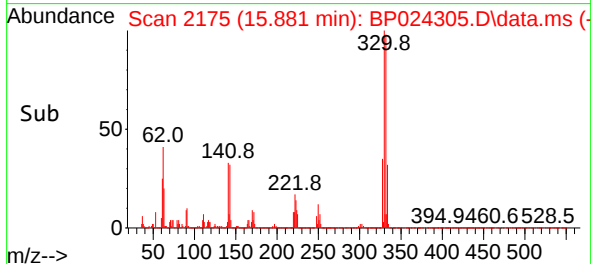
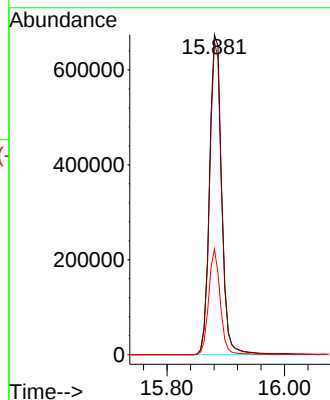
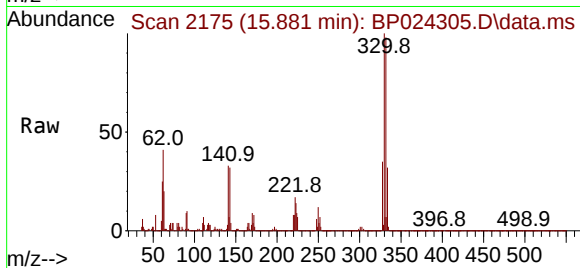
Tgt Ion:330 Resp: 968451

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 31.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.077 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024305.D

Acq: 16 Apr 2025 10:23

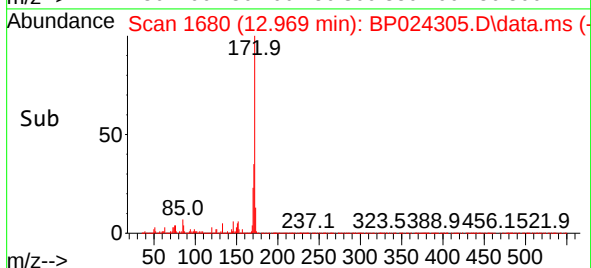
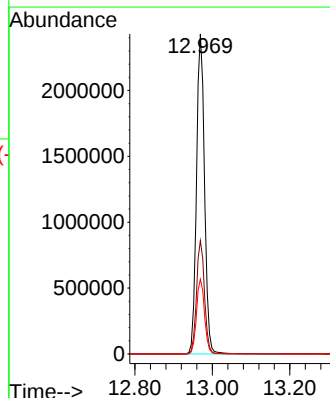
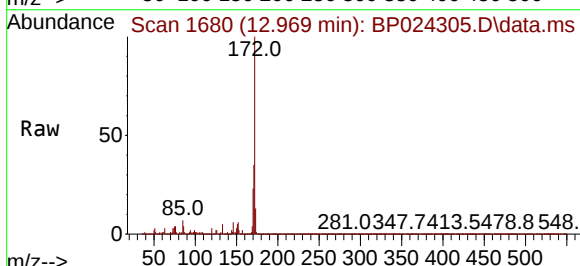
Tgt Ion:172 Resp: 3494658

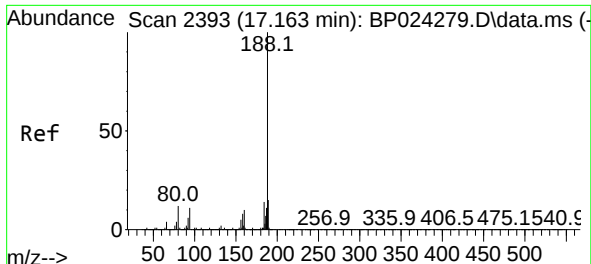
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8

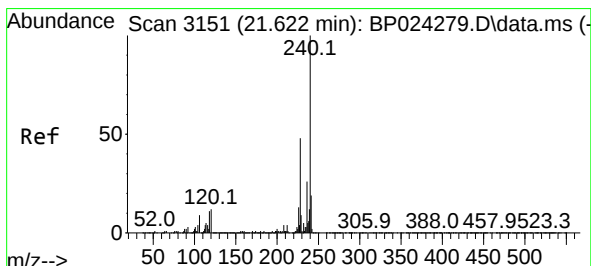
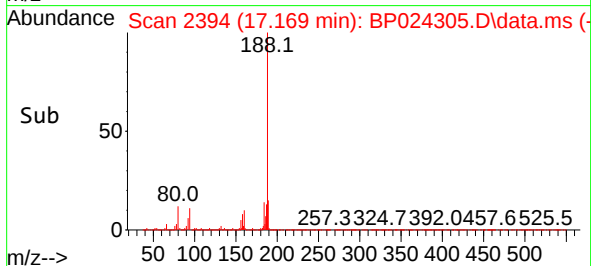
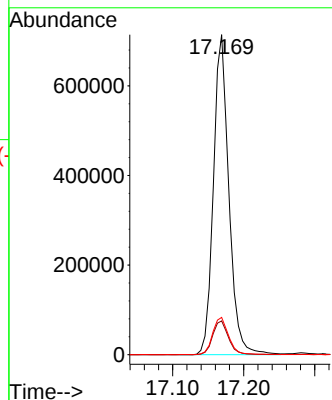
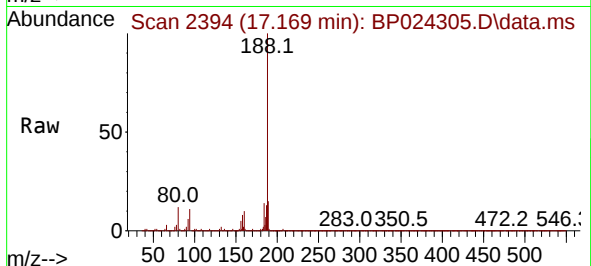




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

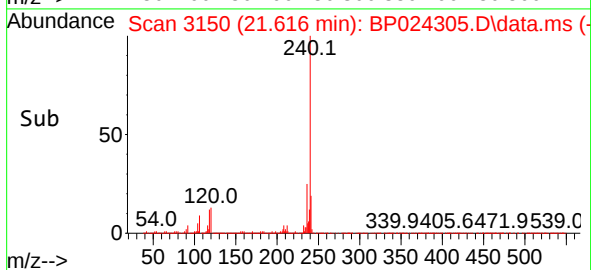
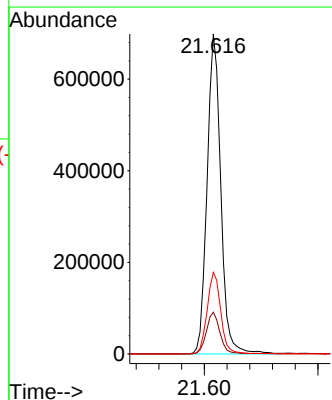
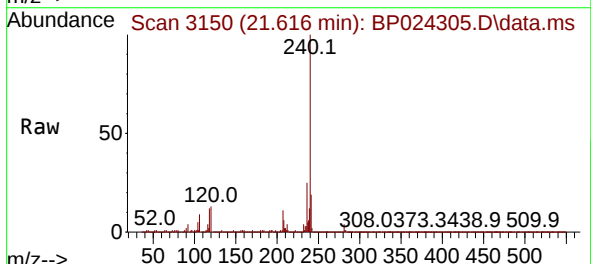
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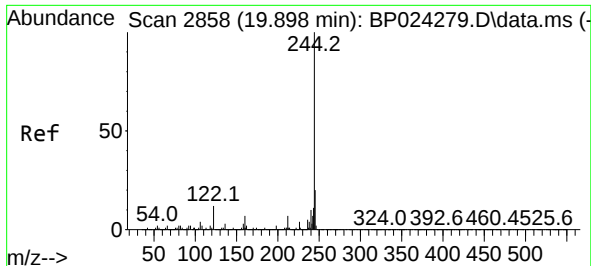
Tgt Ion:188 Resp: 1076402
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 11.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

Tgt Ion:240 Resp: 1164465
Ion Ratio Lower Upper
240 100
120 13.0 9.8 14.8
236 25.5 20.9 31.3

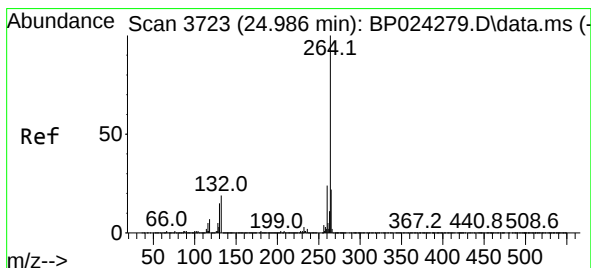
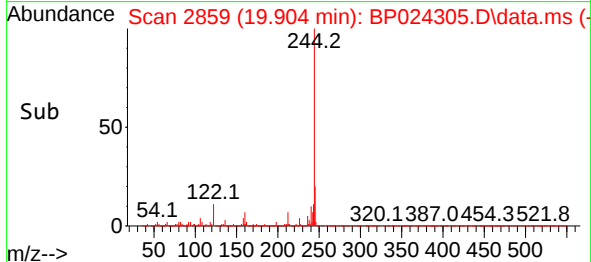
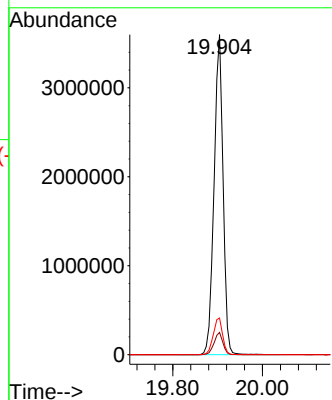
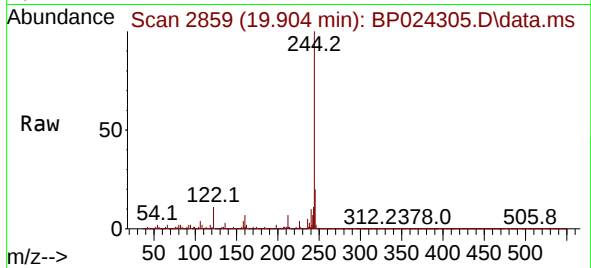




#79
 Terphenyl-d14
 Concen: 86.662 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP024305.D
 Acq: 16 Apr 2025 10:23

Instrument :
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 ClientSampleId :
 PB167606BL

Tgt Ion:244 Resp: 5006616
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.5 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.980 min Scan# 3722
 Delta R.T. -0.006 min
 Lab File: BP024305.D
 Acq: 16 Apr 2025 10:23

Tgt Ion:264 Resp: 1392041
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 22.1 17.8 26.6

