

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

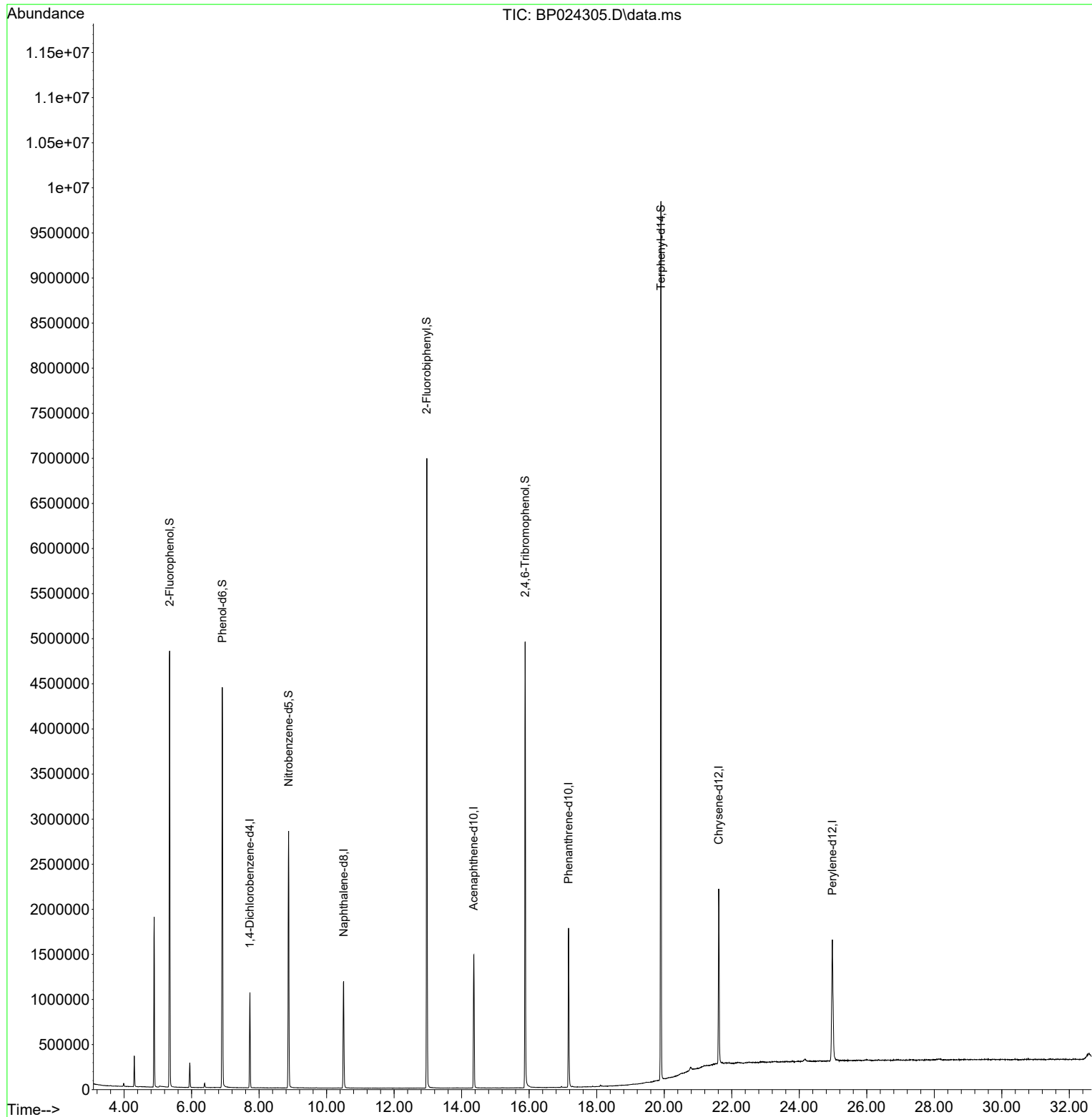
Target Compounds	Qvalue

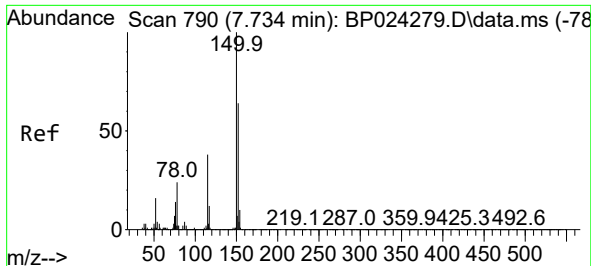
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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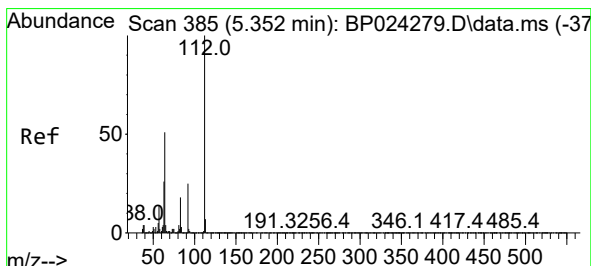
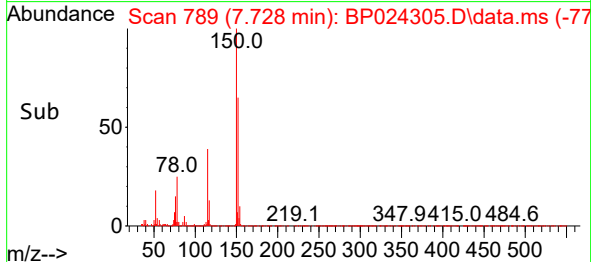
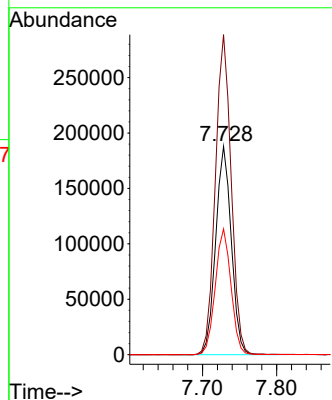
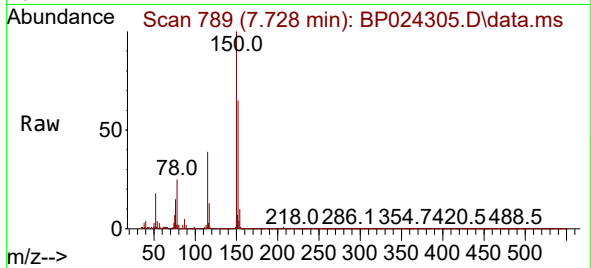




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

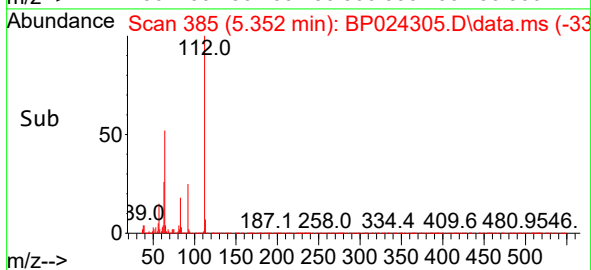
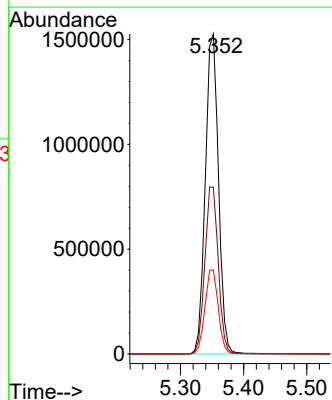
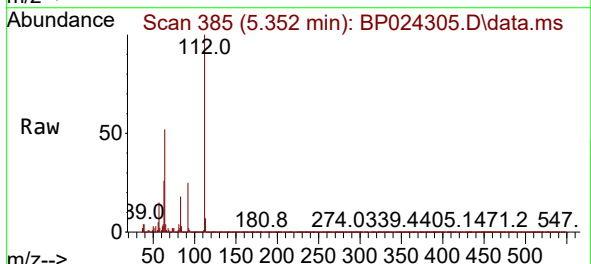
Instrument :
BNA_P
ClientSampleId :
PB167606BL

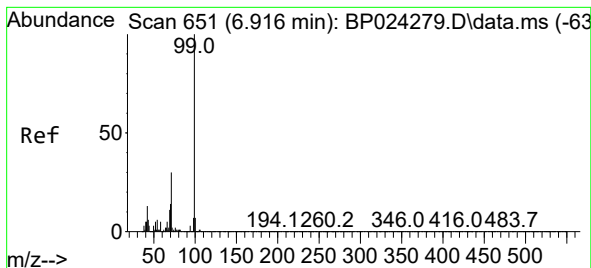
Tgt Ion:152 Resp: 275099
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 60.4 47.7 71.5



#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# 6

Delta R.T. -0.005 min

Lab File: BP024305.D

Acq: 16 Apr 2025 10:23

Instrument :

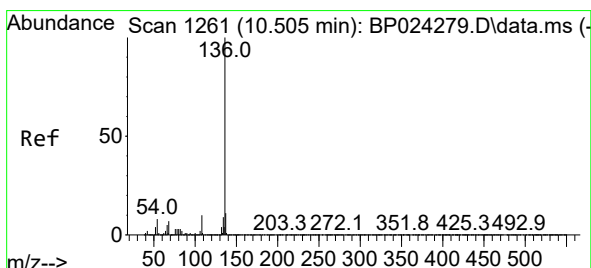
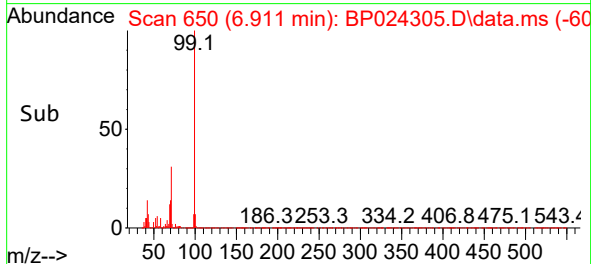
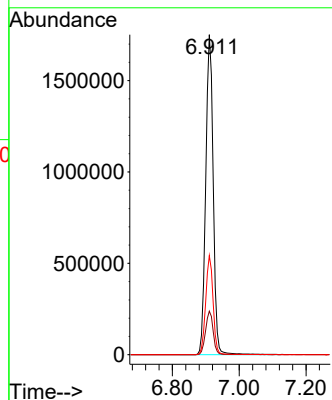
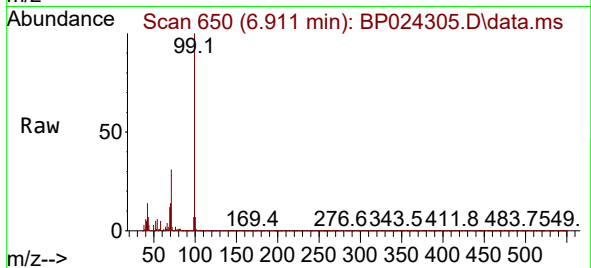
BNA_P

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

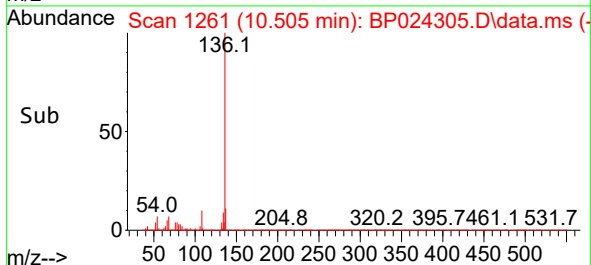
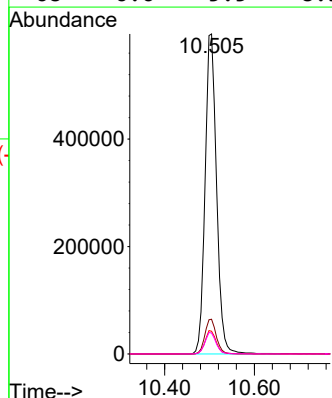
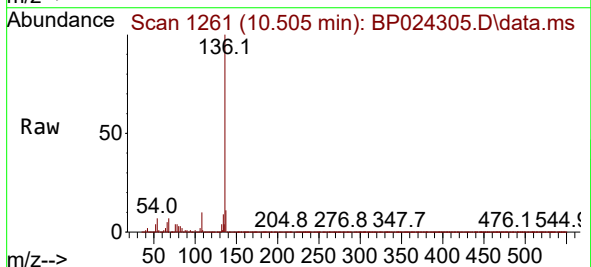
Delta R.T. 0.000 min

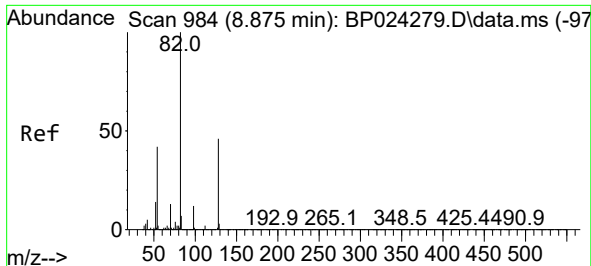
Lab File: BP024305.D

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

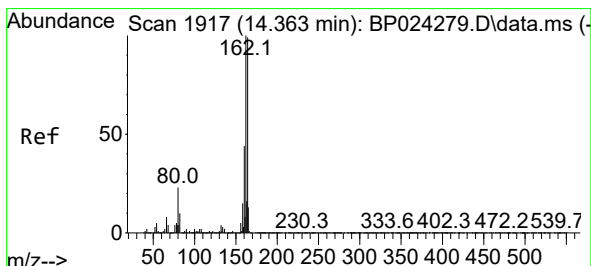
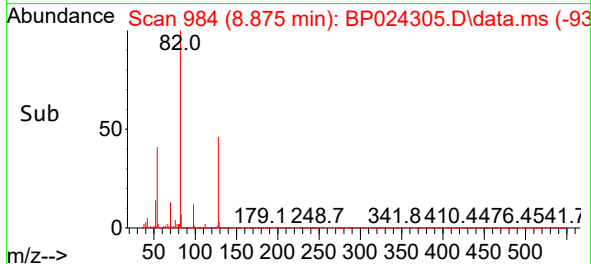
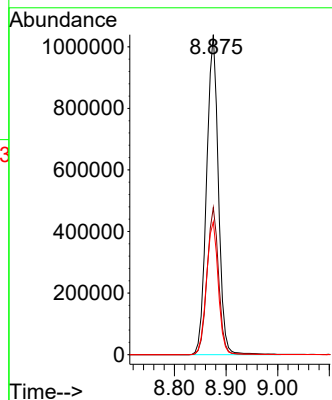
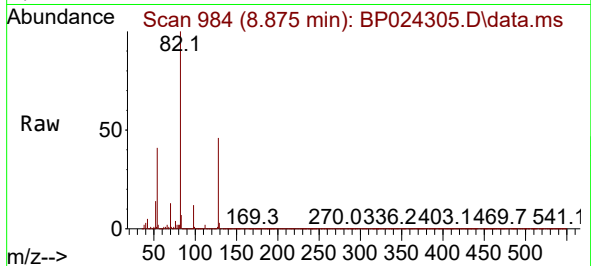




#23
Nitrobenzene-d5
Concen: 88.977 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

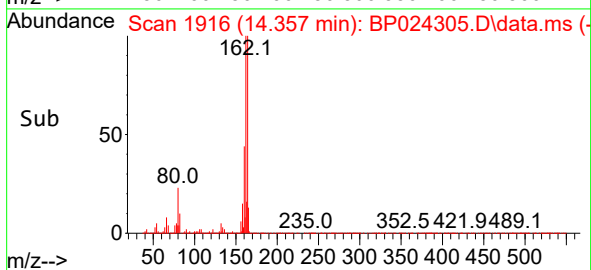
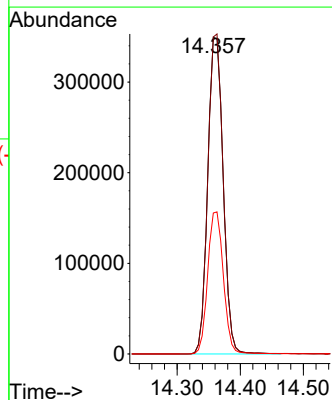
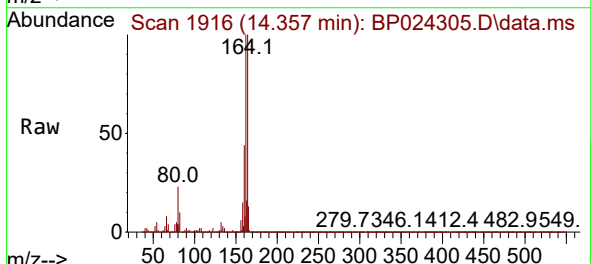
Instrument :
BNA_P
ClientSampleId :
PB167606BL

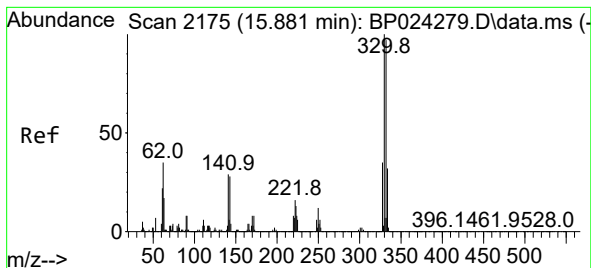
Tgt Ion: 82 Resp: 1645802
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 41.5 33.4 50.2



#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

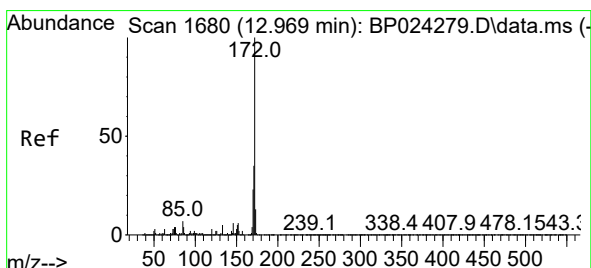
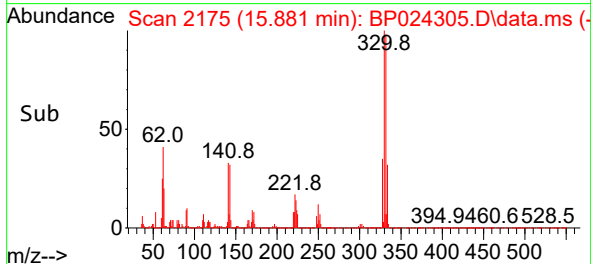
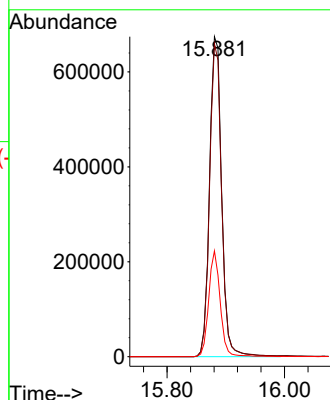
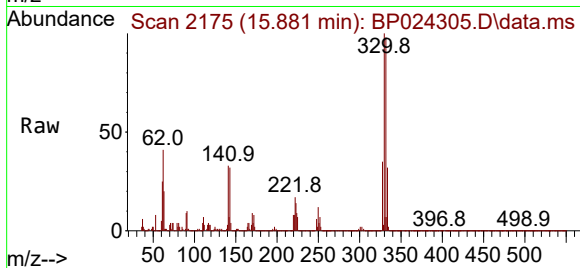




#42
2,4,6-Tribromophenol
Concen: 117.838 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

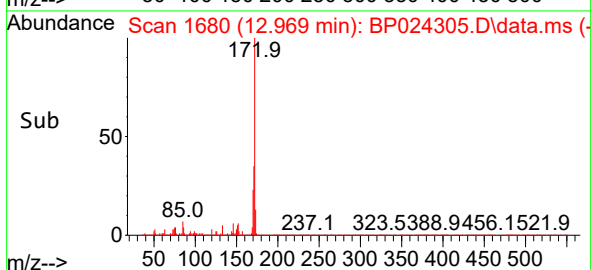
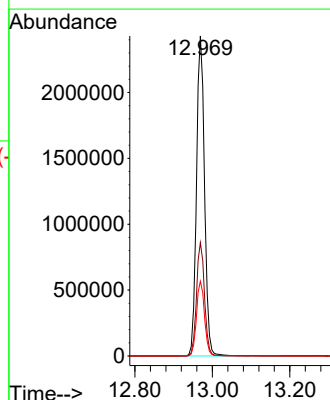
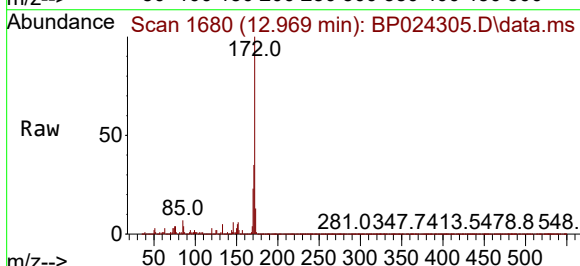
Instrument :
BNA_P
ClientSampleId :
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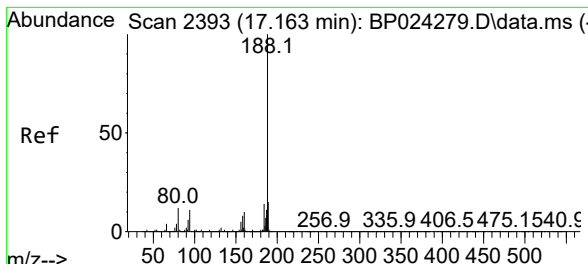
Tgt Ion: 330 Resp: 968451
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 31.4 24.7 37.1



#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

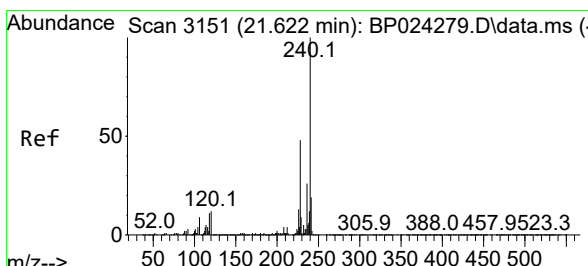
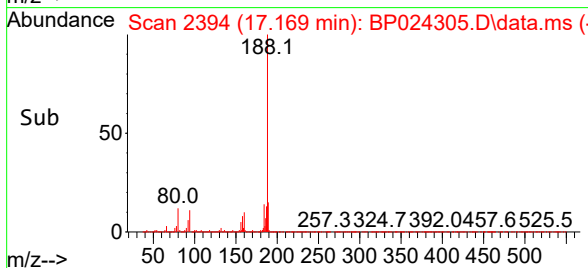
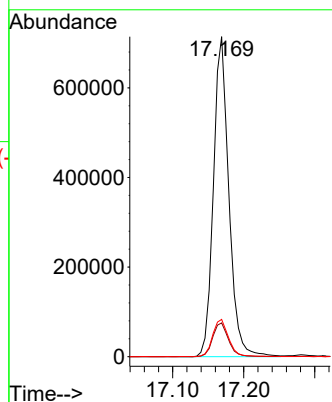
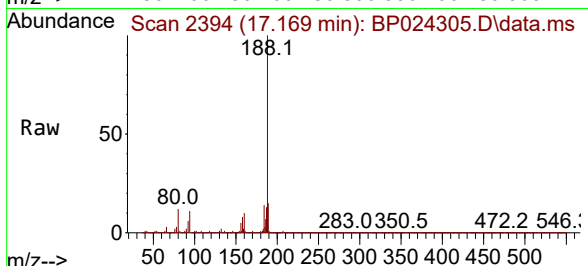




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024305.D
Acq: 16 Apr 2025 10:23

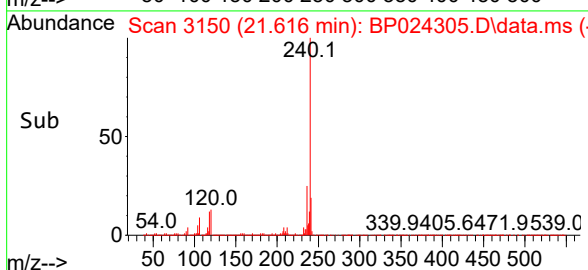
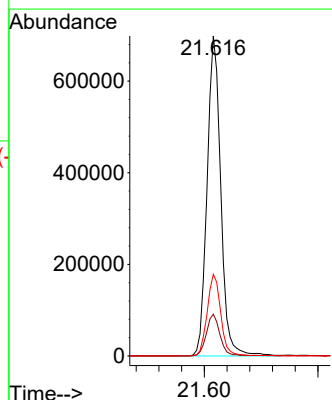
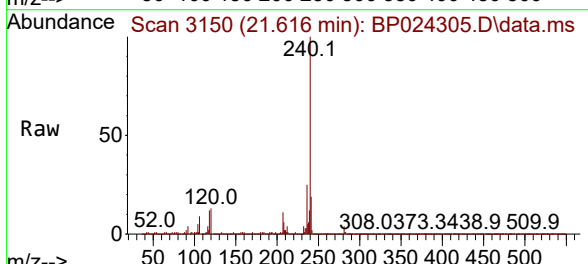
Instrument :
BNA_P
ClientSampleId :
PB167606BL

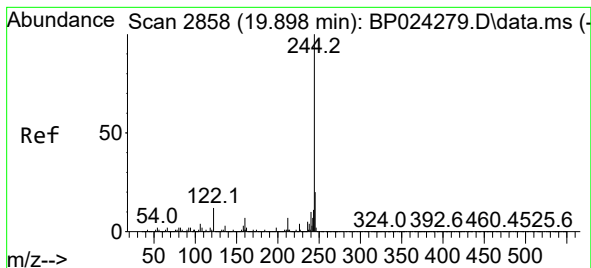
Tgt Ion:188 Resp: 1076402
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 11.6 9.8 14.6



#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 :

BNA_P

ClientSampleId :

PB167606BL

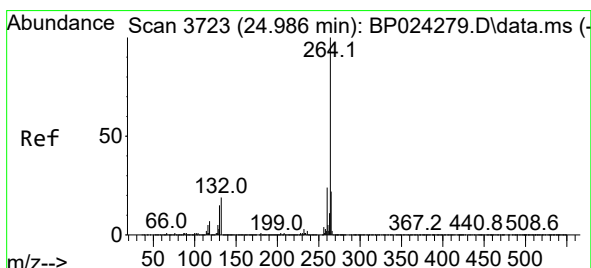
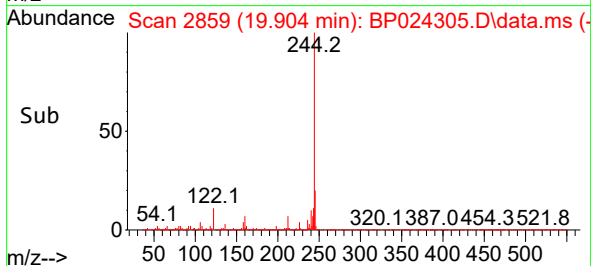
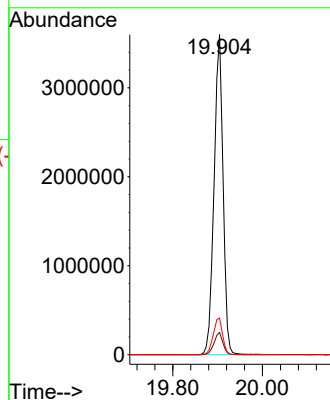
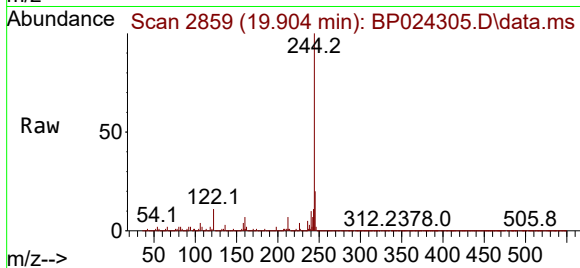
Tgt Ion:244 Resp: 5006616

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

