

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024313.D
 Acq On : 16 Apr 2025 15:54
 Operator : RC/JU
 Sample : Q1808-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0060

Quant Time: Apr 16 16:57:17 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	289341	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1104400	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	619889	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1147566	20.000	ng	-0.03
76) Chrysene-d12	21.610	240	1141777	20.000	ng	-0.01
86) Perylene-d12	24.974	264	1183053	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2105294	120.308	ng	0.00
7) Phenol-d6	6.911	99	2398260	100.089	ng	0.00
23) Nitrobenzene-d5	8.875	82	1722179	88.918	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1097845	128.006	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3468617	85.674	ng	-0.01
79) Terphenyl-d14	19.886	244	5420944	95.699	ng	-0.04

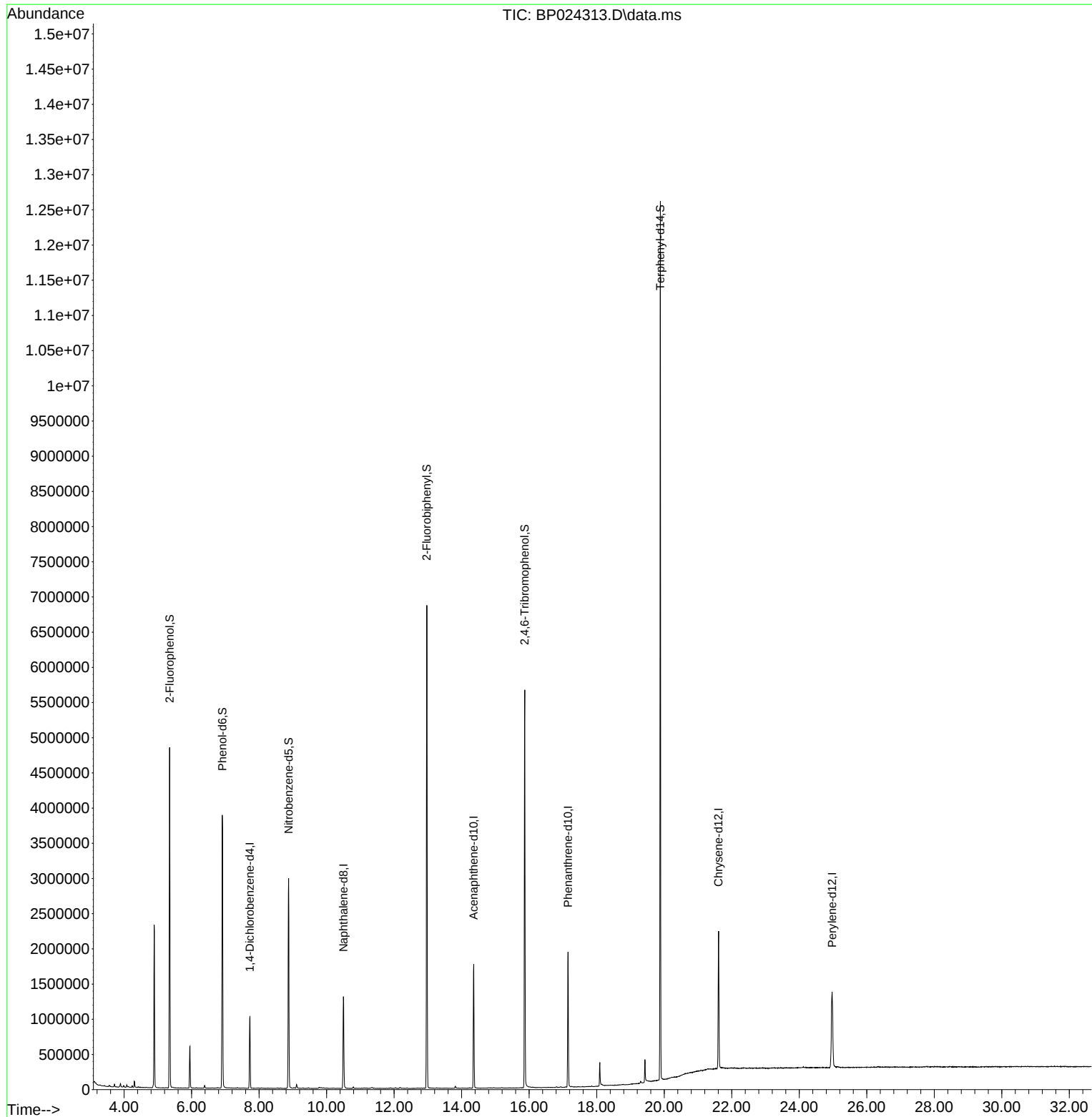
Target Compounds	Qvalue

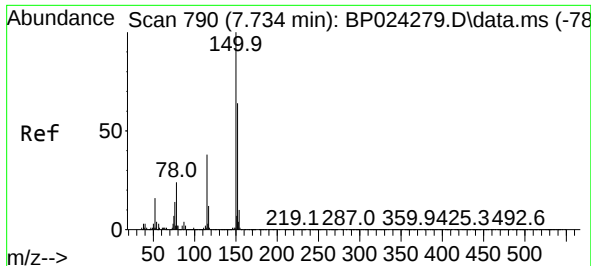
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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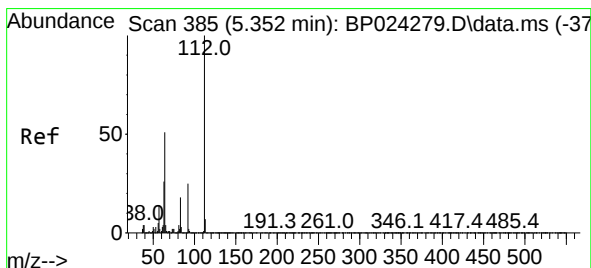
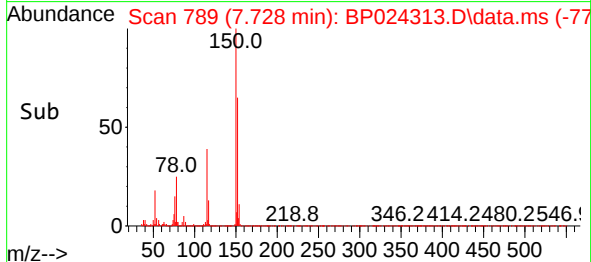
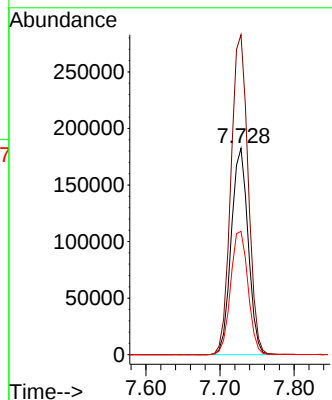
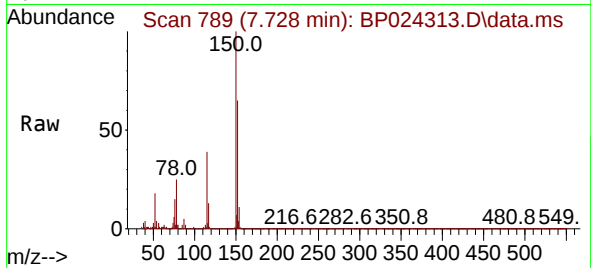




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024313.D
Acq: 16 Apr 2025 15:54

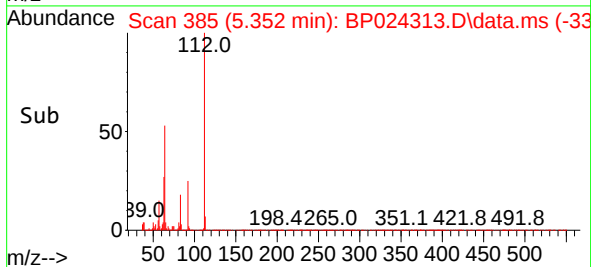
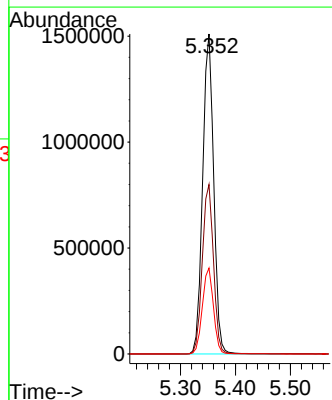
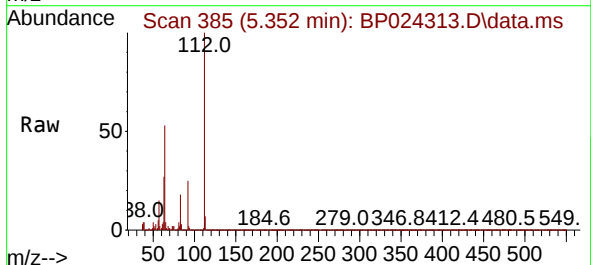
Instrument :
BNA_P
ClientSampleId :
LAW-25-0060

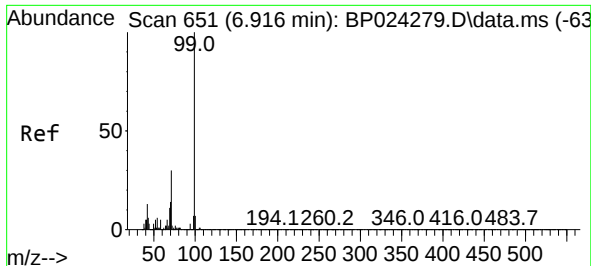
Tgt Ion:152 Resp: 289341
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 59.8 47.7 71.5



#5
2-Fluorophenol
Concen: 120.308 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024313.D
Acq: 16 Apr 2025 15:54

Tgt Ion:112 Resp: 2105294
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 26.8 20.6 30.8

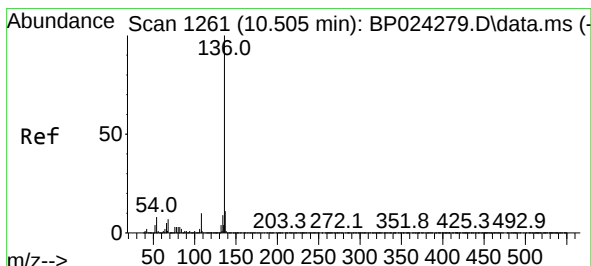
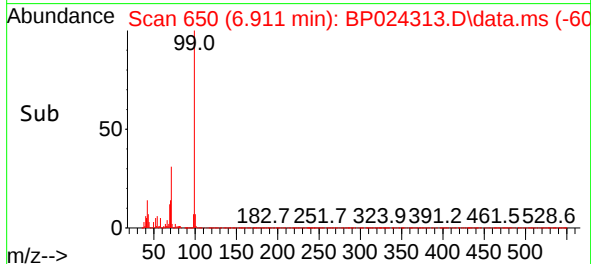
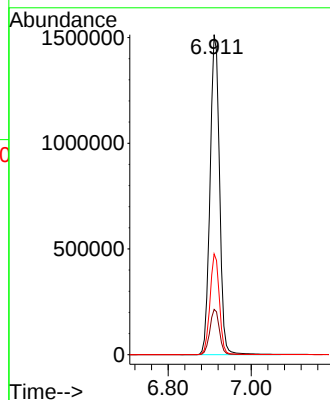
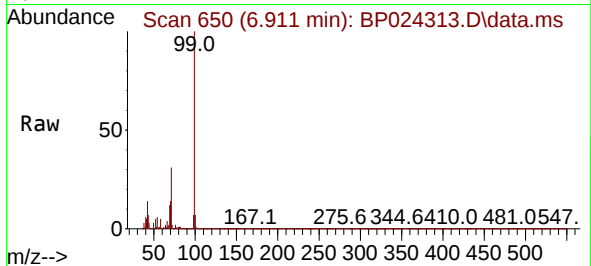




#7
Phenol-d6
Concen: 100.089 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024313.D
Acq: 16 Apr 2025 15:54

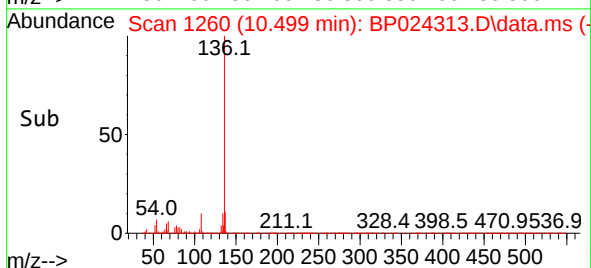
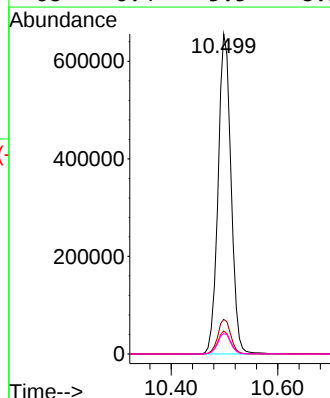
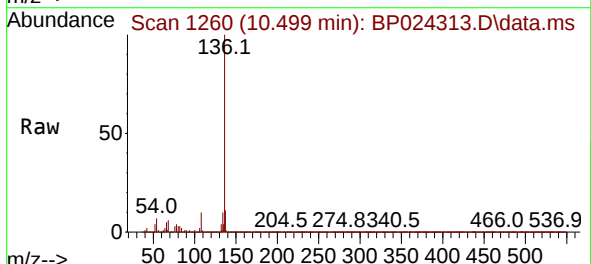
Instrument :
BNA_P
ClientSampleId :
LAW-25-0060

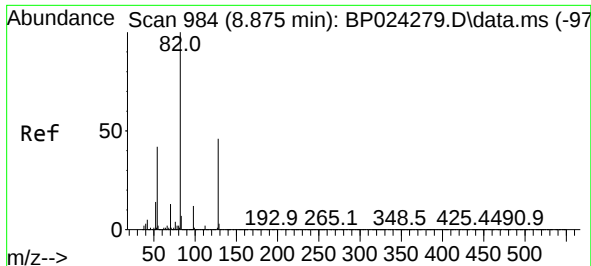
Tgt Ion: 99 Resp: 2398260
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 31.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024313.D
Acq: 16 Apr 2025 15:54

Tgt Ion:136 Resp: 1104400
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.2 6.0 9.0
68 6.4 5.5 8.3

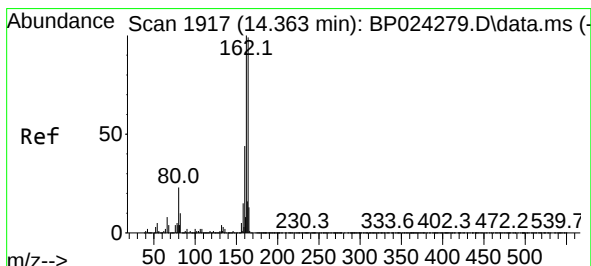
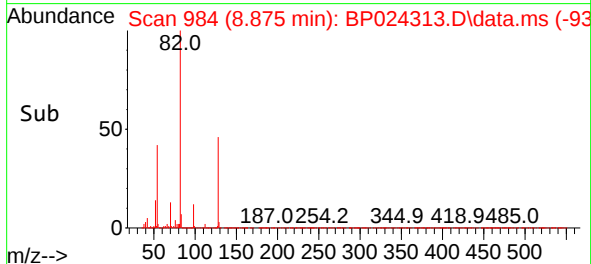
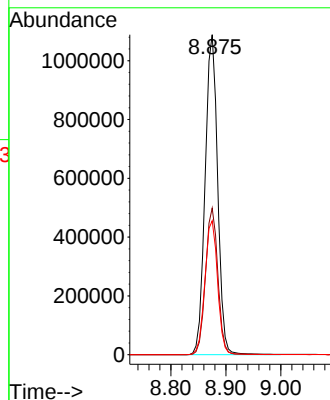
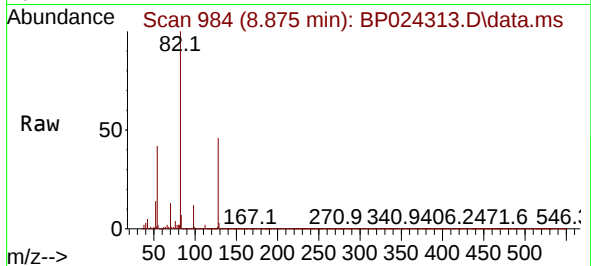




#23
 Nitrobenzene-d5
 Concen: 88.918 ng
 RT: 8.875 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024313.D
 Acq: 16 Apr 2025 15:54

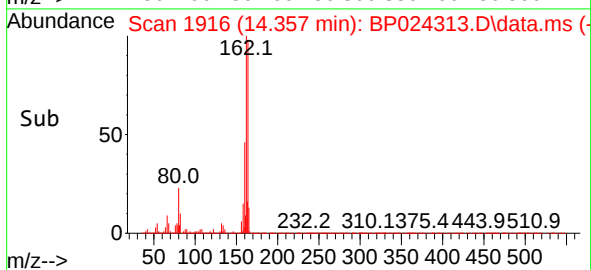
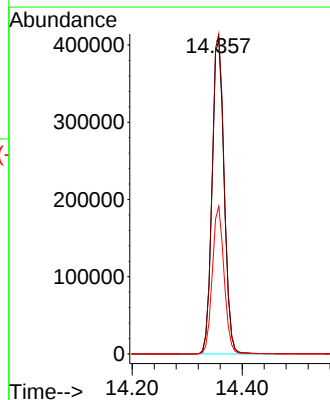
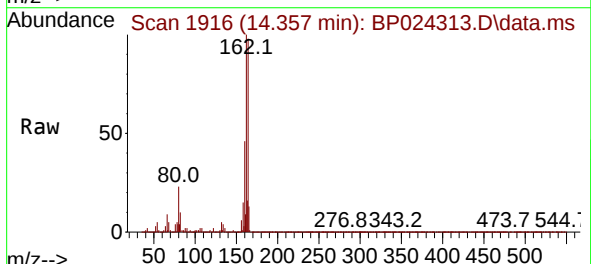
Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0060

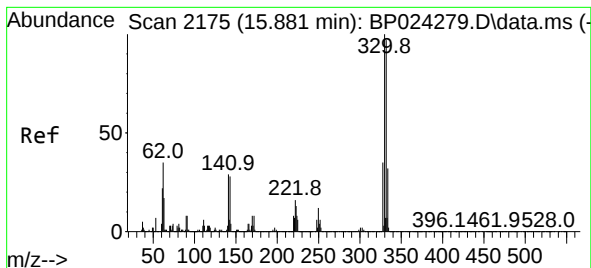
Tgt Ion: 82 Resp: 1722179
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.5 54.7
 54 41.9 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.357 min Scan# 1916
 Delta R.T. -0.012 min
 Lab File: BP024313.D
 Acq: 16 Apr 2025 15:54

Tgt Ion: 164 Resp: 619889
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 120.8
 160 47.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 128.006 ng

RT: 15.869 min Scan# 2175

Delta R.T. -0.023 min

Lab File: BP024313.D

Acq: 16 Apr 2025 15:54

Instrument :

BNA_P

ClientSampleId :

LAW-25-0060

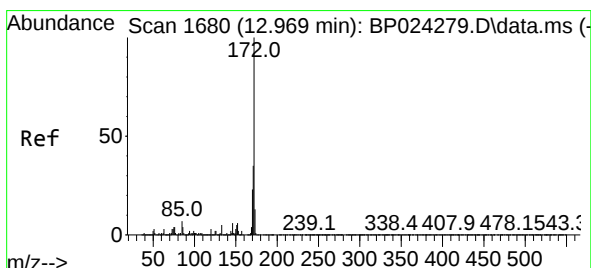
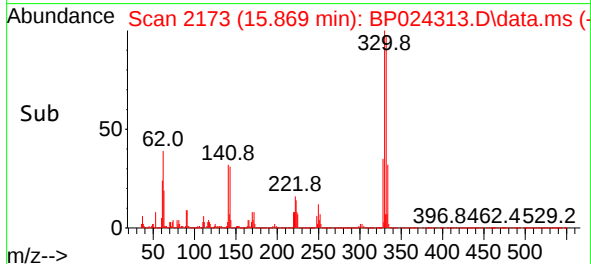
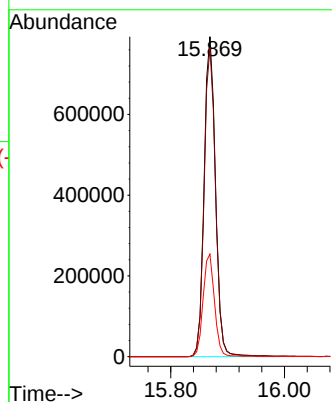
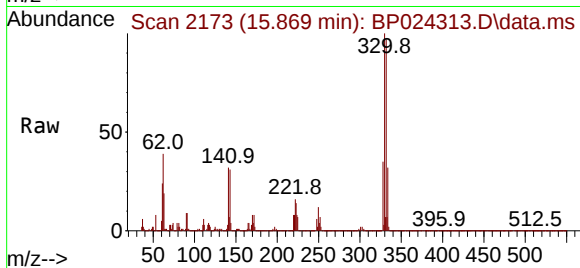
Tgt Ion:330 Resp: 1097845

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 32.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 85.674 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024313.D

Acq: 16 Apr 2025 15:54

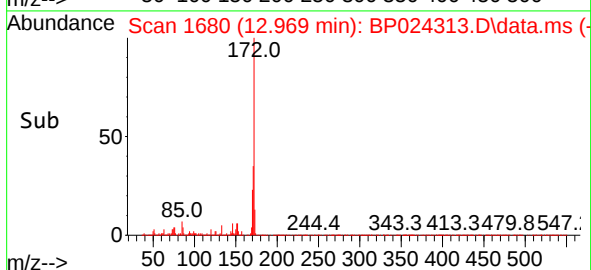
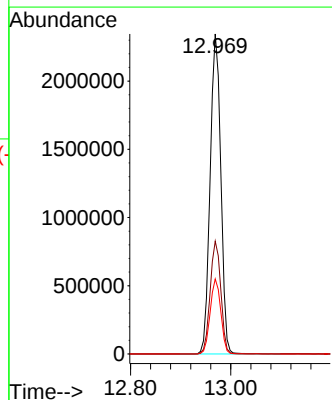
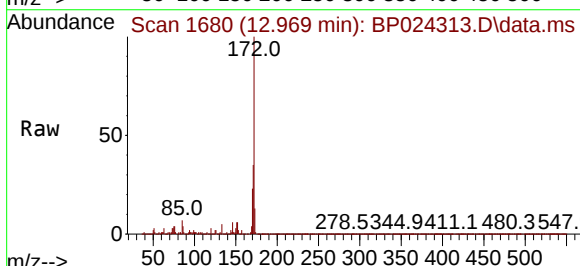
Tgt Ion:172 Resp: 3468617

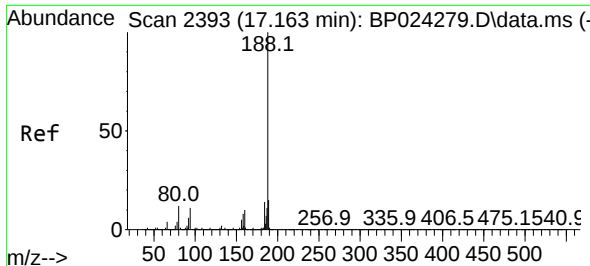
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.5 18.6 27.8

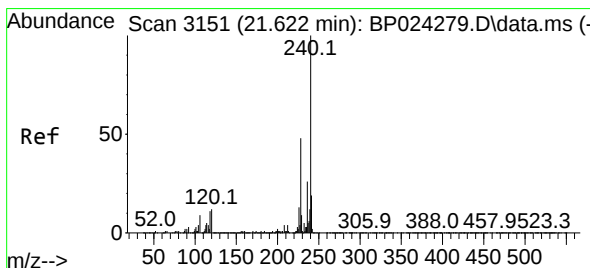
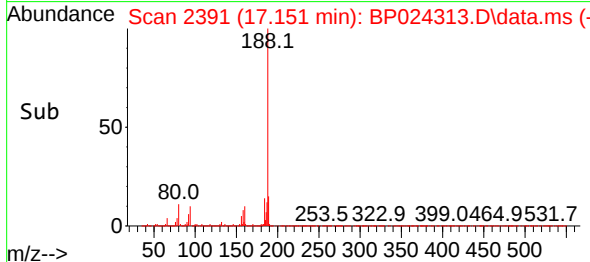
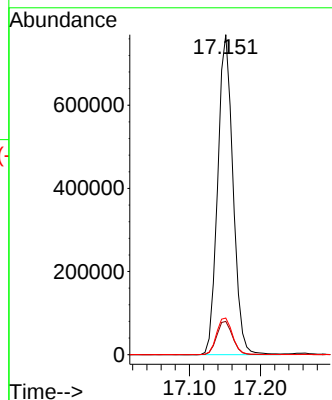
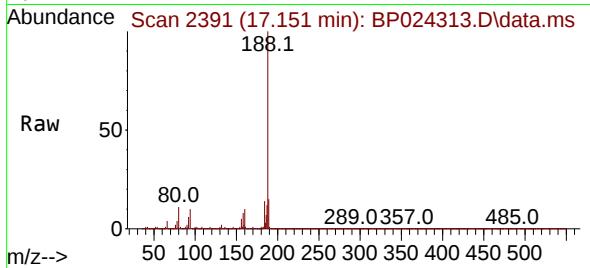




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP024313.D
Acq: 16 Apr 2025 15:54

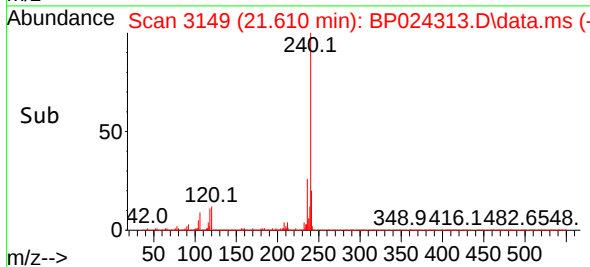
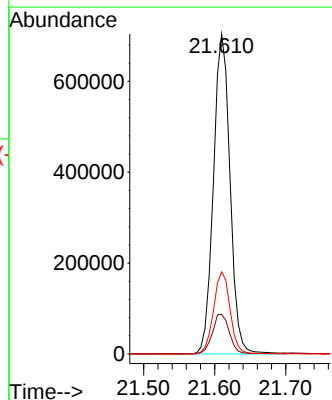
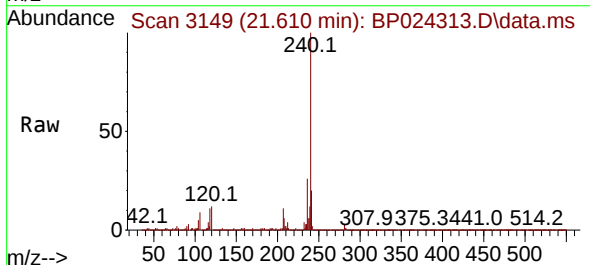
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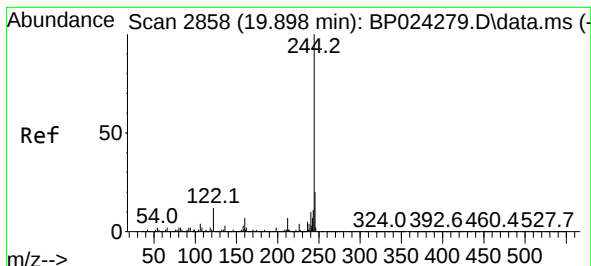
Tgt Ion:188 Resp: 1147566
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BP024313.D
Acq: 16 Apr 2025 15:54

Tgt Ion:240 Resp: 1141777
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 95.699 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP024313.D

Acq: 16 Apr 2025 15:54

Instrument :

BNA_P

ClientSampleId :

LAW-25-0060

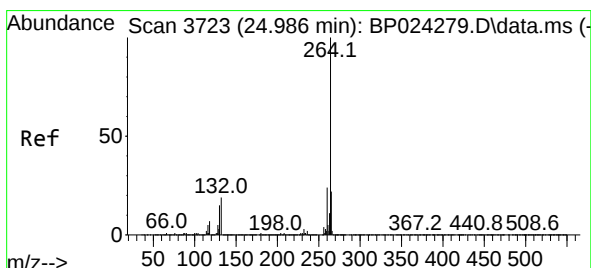
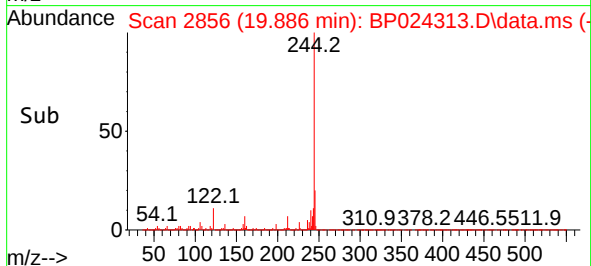
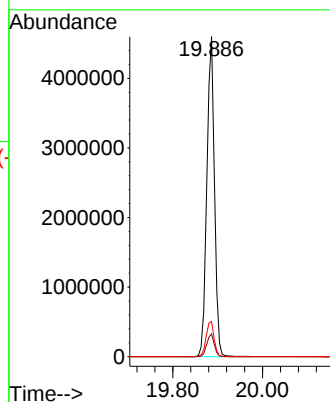
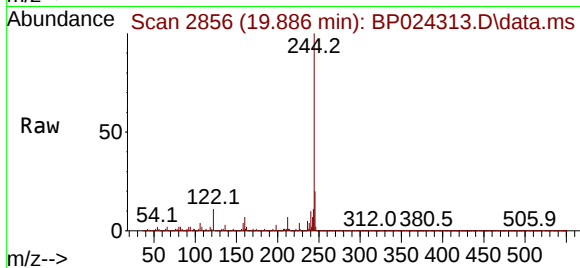
Tgt Ion:244 Resp: 5420944

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3721

Delta R.T. -0.012 min

Lab File: BP024313.D

Acq: 16 Apr 2025 15:54

Tgt Ion:264 Resp: 1183053

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.2 17.8 26.6

