

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024423.D
 Acq On : 25 Apr 2025 15:08
 Operator : RC/JU
 Sample : Q1852-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-12013

Quant Time: Apr 25 15:32:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	124004	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	470894	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	273892	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	572138	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	736833	20.000	ng	-0.01
86) Perylene-d12	24.915	264	855915	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1006067	134.148	ng	0.00
7) Phenol-d6	6.899	99	1149488	111.936	ng	-0.01
23) Nitrobenzene-d5	8.863	82	758339	91.828	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	571667	150.858	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1573786	87.978	ng	-0.01
79) Terphenyl-d14	19.857	244	3174435	86.838	ng	-0.02

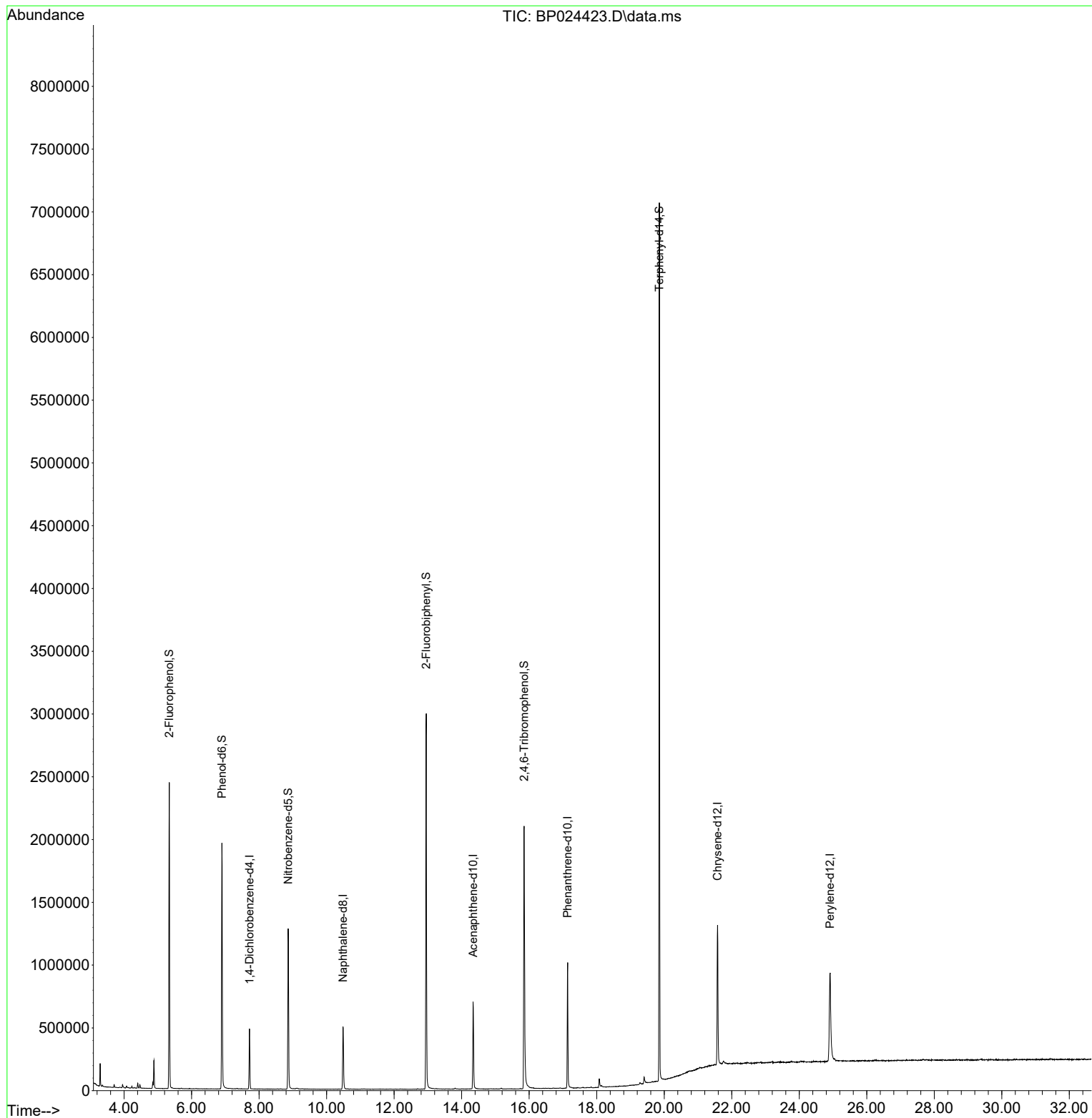
Target Compounds	Qvalue

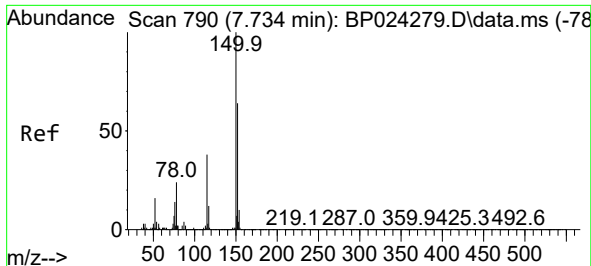
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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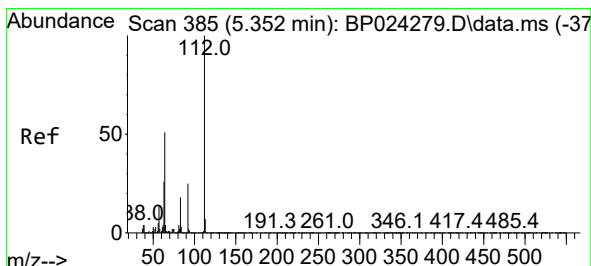
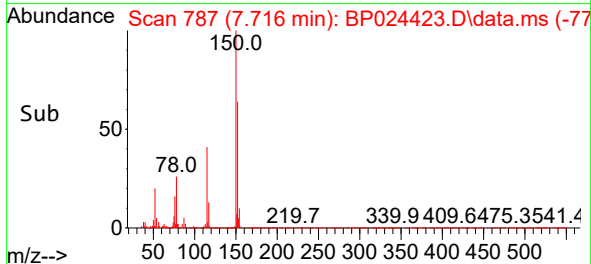
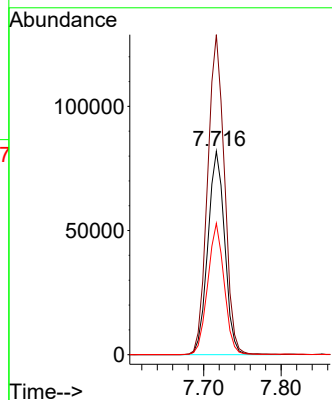
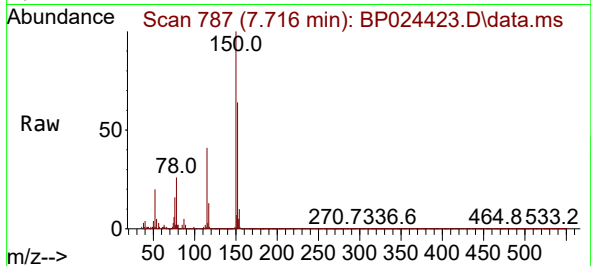




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024423.D
 Acq: 25 Apr 2025 15:08

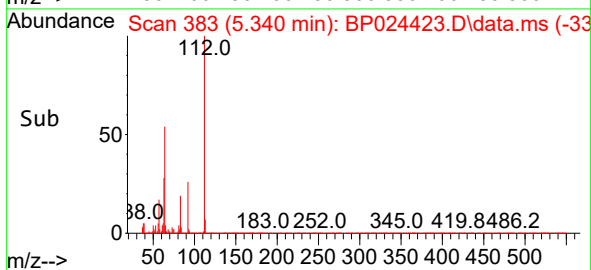
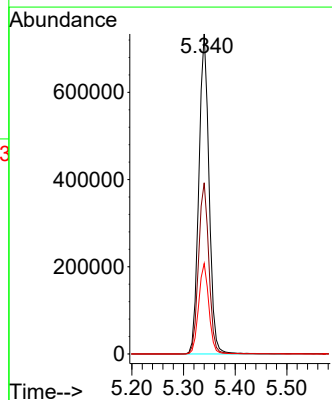
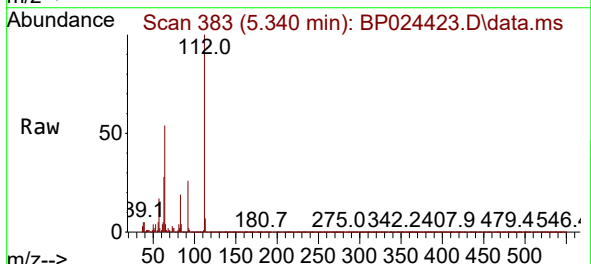
Instrument :
 BNA_P
 ClientSampleId :
 72-12013

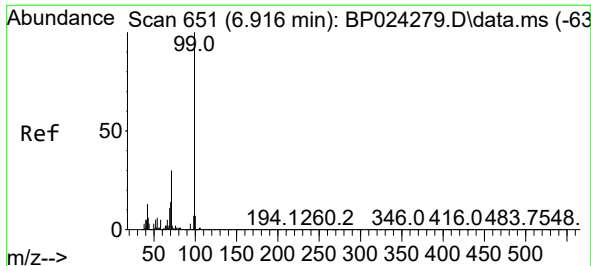
Tgt Ion:152 Resp: 124004
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.9 187.3
 115 64.6 47.7 71.5



#5
 2-Fluorophenol
 Concen: 134.148 ng
 RT: 5.340 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BP024423.D
 Acq: 25 Apr 2025 15:08

Tgt Ion:112 Resp: 1006067
 Ion Ratio Lower Upper
 112 100
 64 53.5 41.1 61.7
 63 28.2 20.6 30.8

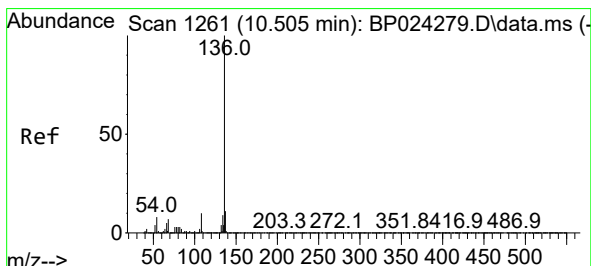
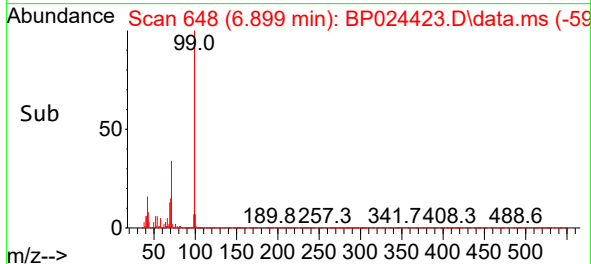
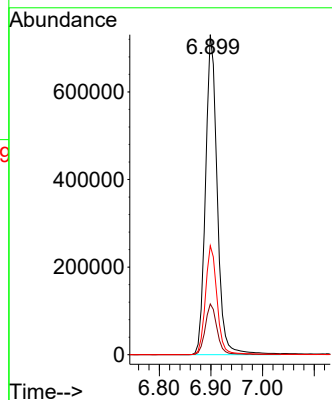
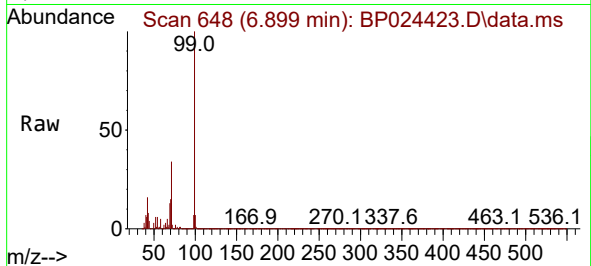




#7
Phenol-d6
Concen: 111.936 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024423.D
Acq: 25 Apr 2025 15:08

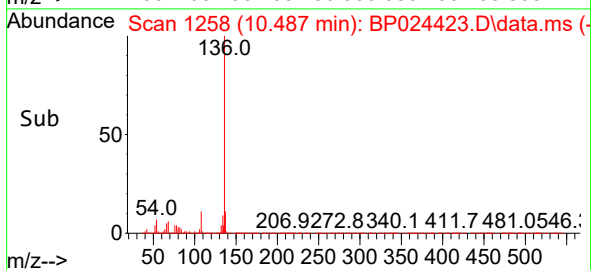
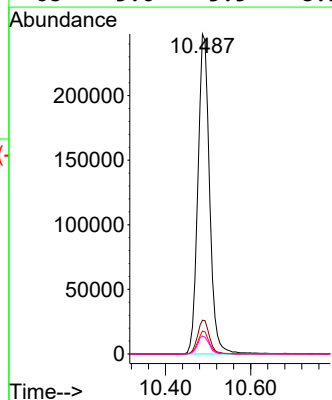
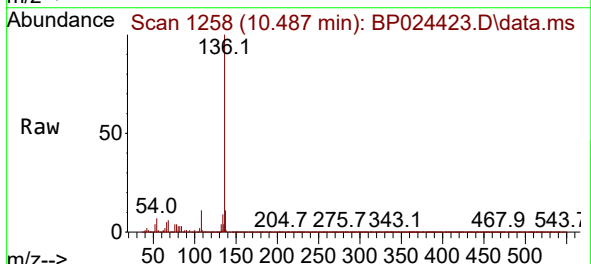
Instrument :
BNA_P
ClientSampleId :
72-12013

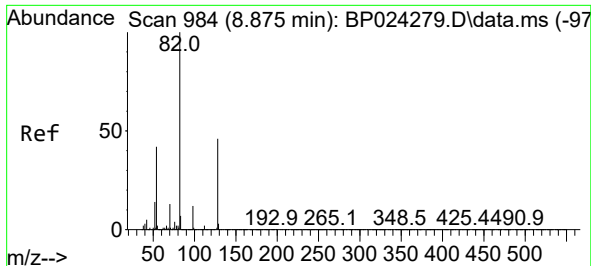
Tgt Ion: 99 Resp: 1149488
Ion Ratio Lower Upper
99 100
42 15.8 10.6 16.0
71 34.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024423.D
Acq: 25 Apr 2025 15:08

Tgt Ion: 136 Resp: 470894
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.2 6.0 9.0
68 5.6 5.5 8.3

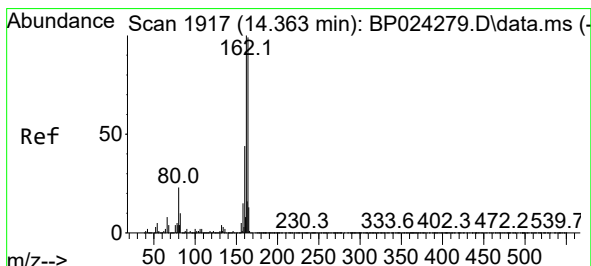
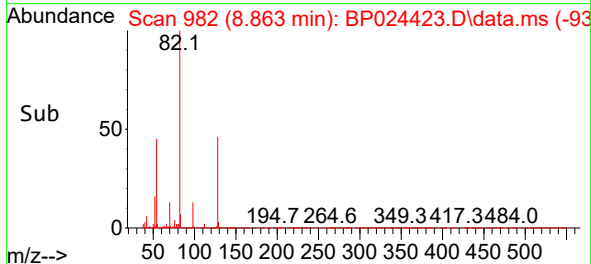
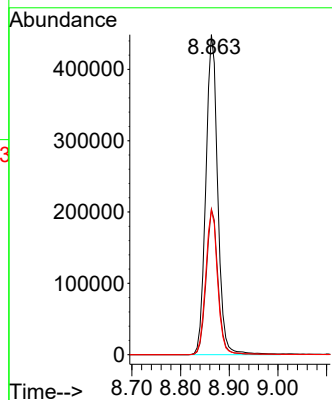
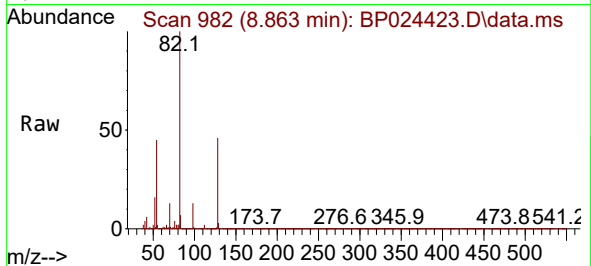




#23
Nitrobenzene-d5
Concen: 91.828 ng
RT: 8.863 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP024423.D
Acq: 25 Apr 2025 15:08

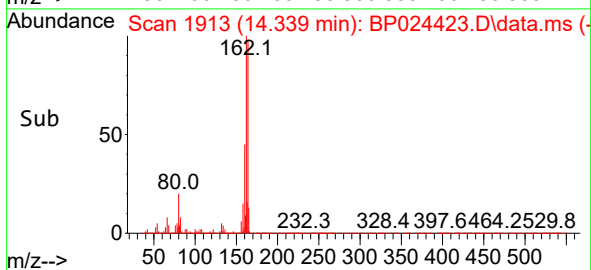
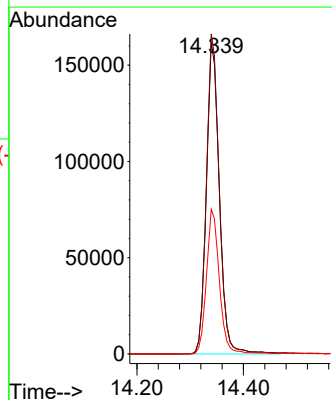
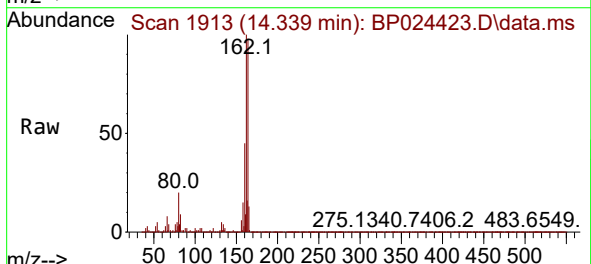
Instrument :
BNA_P
ClientSampleId :
72-12013

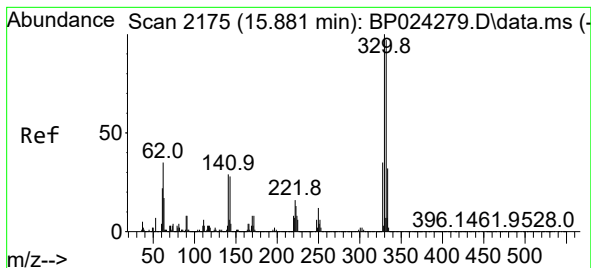
Tgt Ion: 82 Resp: 758339
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 45.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024423.D
Acq: 25 Apr 2025 15:08

Tgt Ion: 164 Resp: 273892
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 46.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 150.858 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024423.D

Acq: 25 Apr 2025 15:08

Instrument :

BNA_P

ClientSampleId :

72-12013

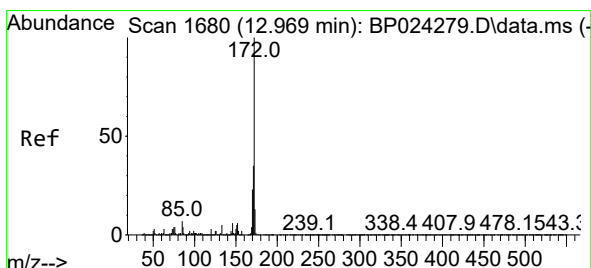
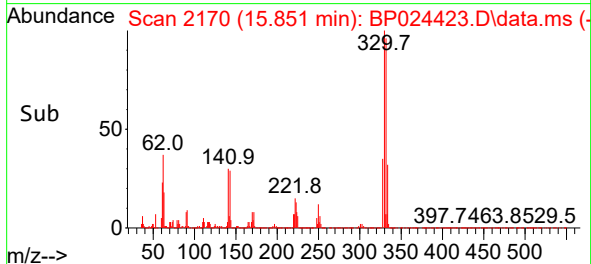
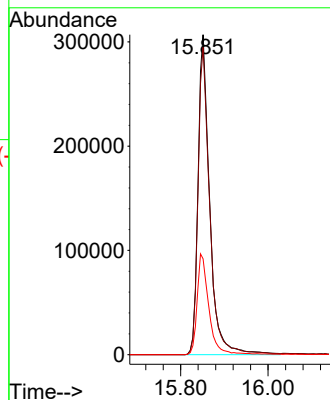
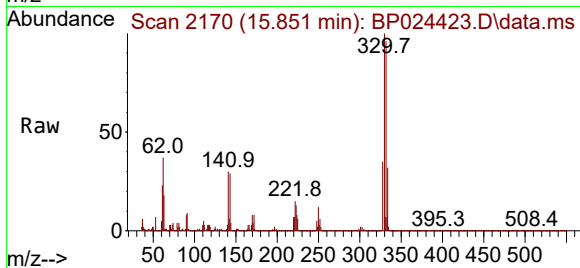
Tgt Ion:330 Resp: 571667

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 31.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 87.978 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024423.D

Acq: 25 Apr 2025 15:08

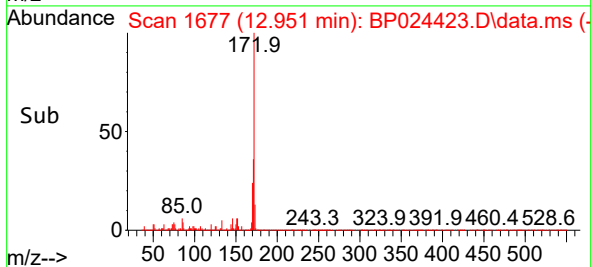
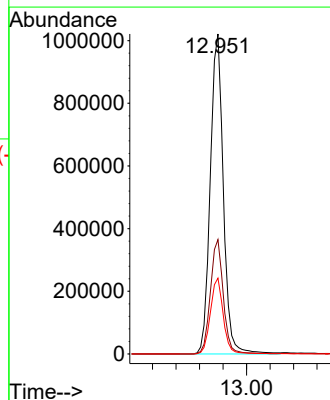
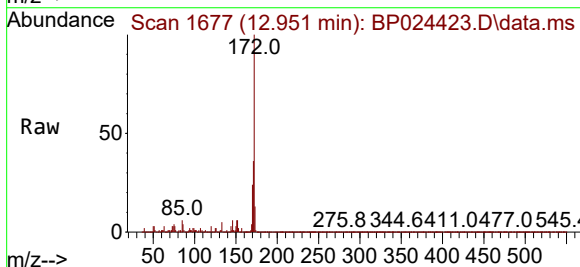
Tgt Ion:172 Resp: 1573786

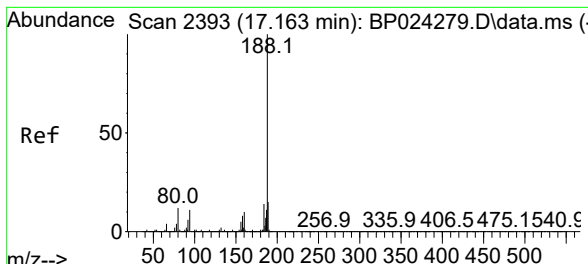
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.7 18.6 27.8

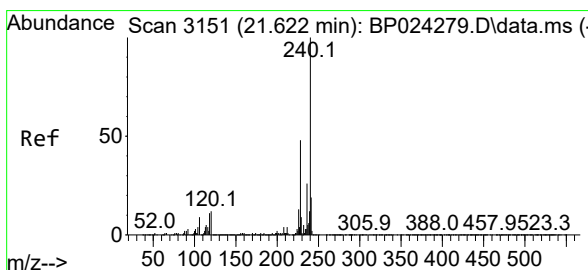
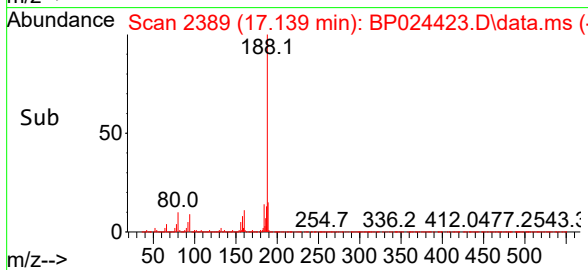
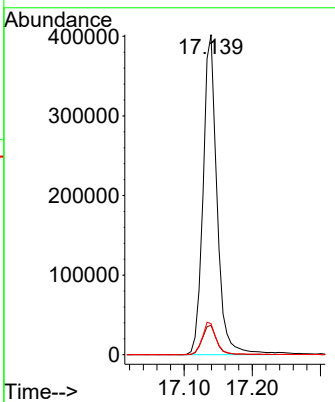
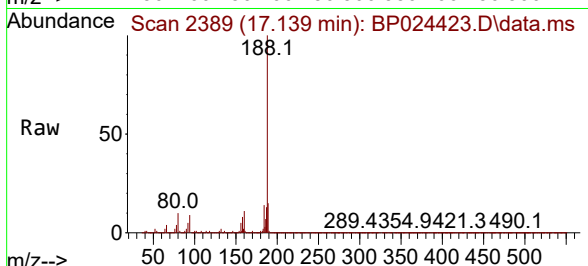




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024423.D
 Acq: 25 Apr 2025 15:08

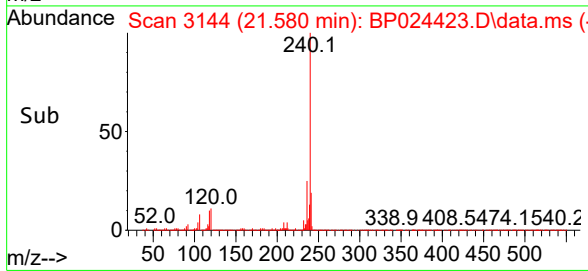
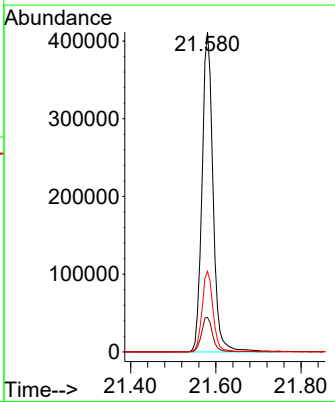
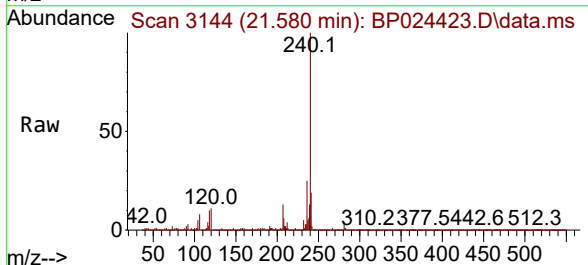
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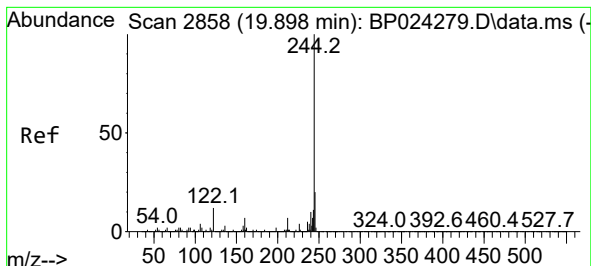
Tgt Ion:	188	Resp:	572138
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.6	13.0
80	9.7	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.580 min Scan# 3144
 Delta R.T. -0.012 min
 Lab File: BP024423.D
 Acq: 25 Apr 2025 15:08

Tgt Ion:	240	Resp:	736833
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.8	14.8
236	25.2	20.9	31.3





#79

Terphenyl-d14

Concen: 86.838 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024423.D

Acq: 25 Apr 2025 15:08

Instrument :

BNA_P

ClientSampleId :

72-12013

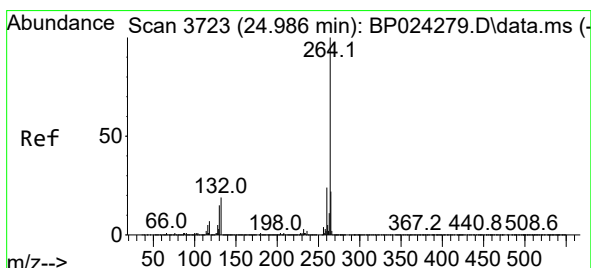
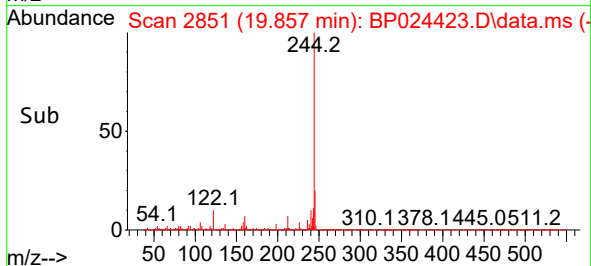
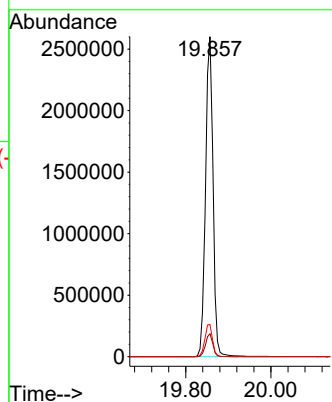
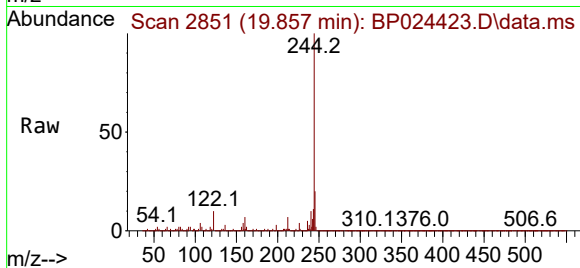
Tgt Ion:244 Resp: 3174435

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.1 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.915 min Scan# 3711

Delta R.T. -0.018 min

Lab File: BP024423.D

Acq: 25 Apr 2025 15:08

Tgt Ion:264 Resp: 855915

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.5 17.8 26.6

