

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024131.D
 Acq On : 28 Feb 2025 12:09
 Operator : RC/JU
 Sample : PB166914BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166914BL

Quant Time: Feb 28 12:36:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	401774	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1583690	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	978288	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1805232	20.000	ng	0.02
76) Chrysene-d12	21.651	240	1521502	20.000	ng	0.00
86) Perylene-d12	25.051	264	1635731	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3696274	143.551	ng	0.00
7) Phenol-d6	6.946	99	4622913	139.690	ng	0.00
23) Nitrobenzene-d5	8.910	82	2712345	95.548	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1851511	154.512	ng	0.02
45) 2-Fluorobiphenyl	13.004	172	6217222	88.846	ng	0.00
79) Terphenyl-d14	19.927	244	8313708	108.122	ng	0.01

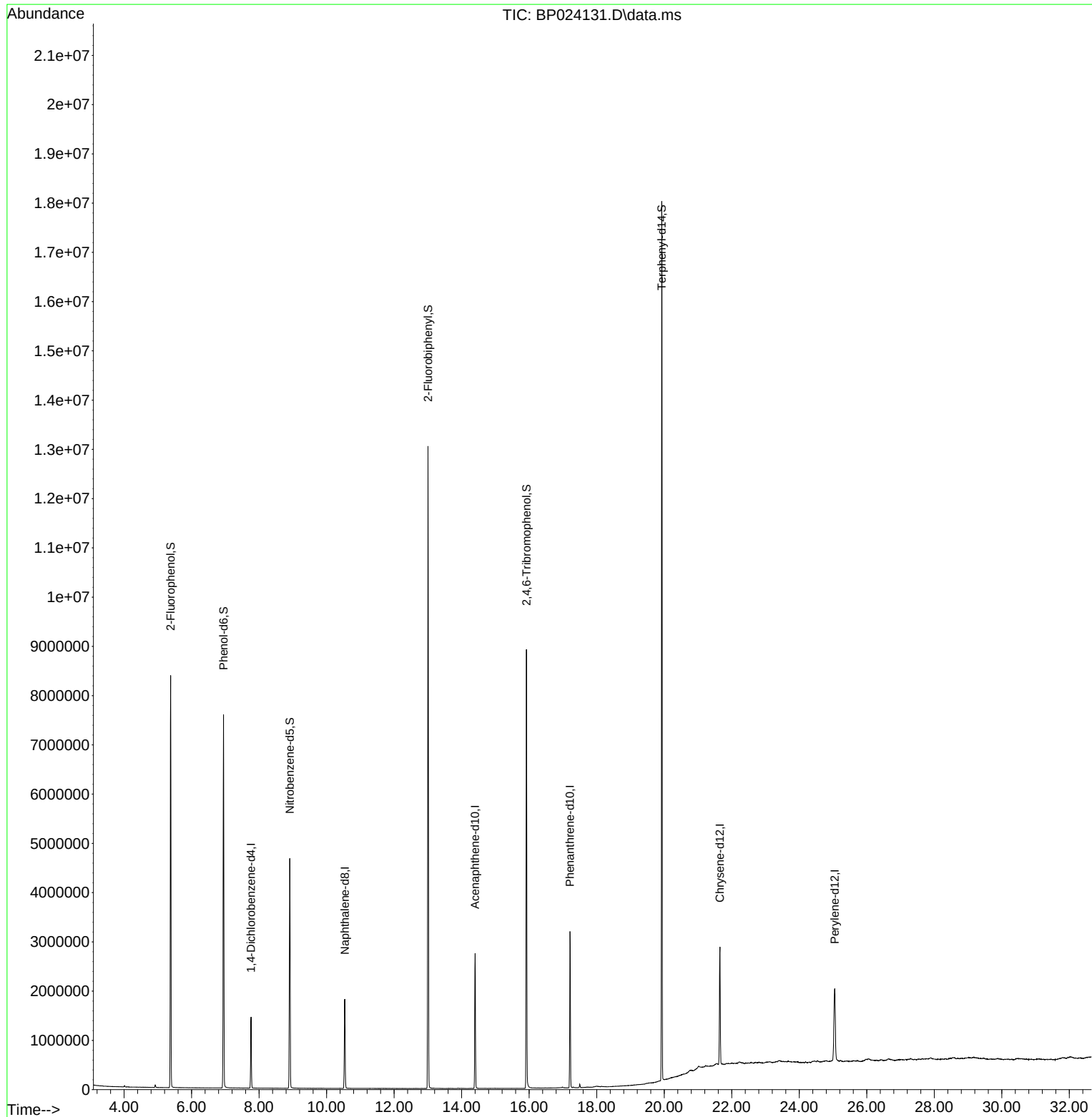
Target Compounds	Qvalue

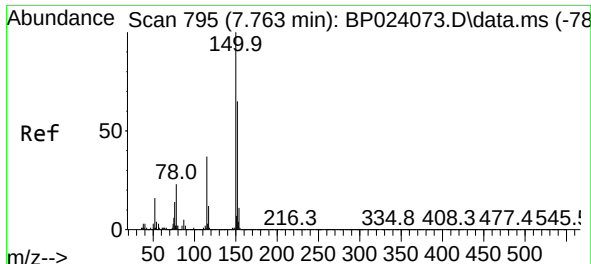
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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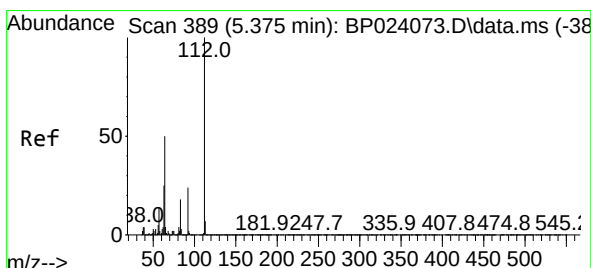
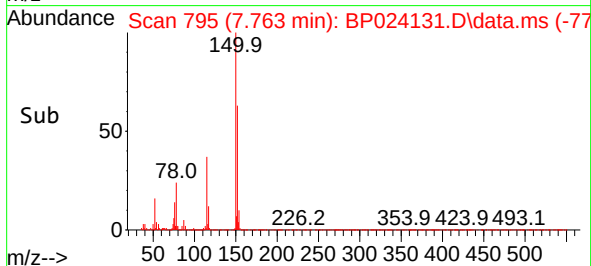
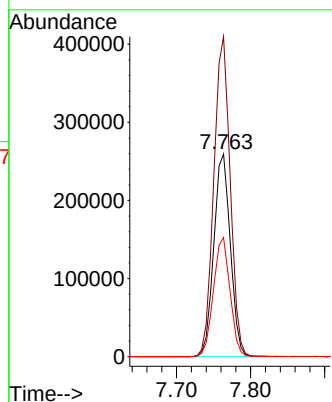
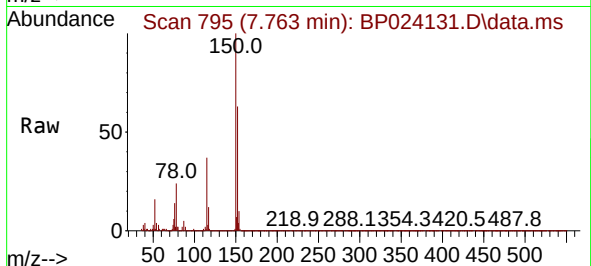




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP024131.D
 Acq: 28 Feb 2025 12:09

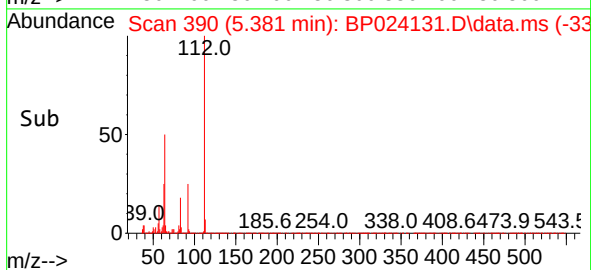
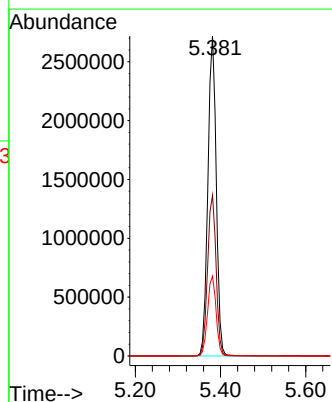
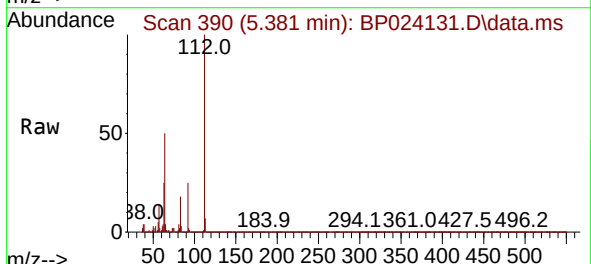
Instrument :
 BNA_P
 ClientSampleId :
 PB166914BL

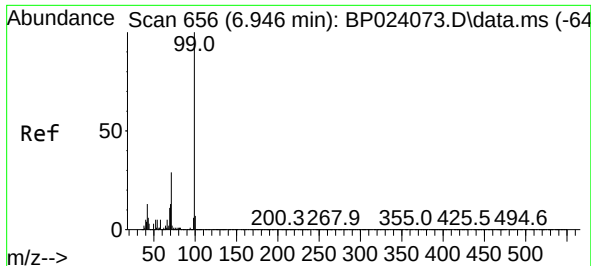
Tgt Ion:152 Resp: 401774
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.4 183.6
 115 58.7 45.0 67.6



#5
 2-Fluorophenol
 Concen: 143.551 ng
 RT: 5.381 min Scan# 390
 Delta R.T. 0.006 min
 Lab File: BP024131.D
 Acq: 28 Feb 2025 12:09

Tgt Ion:112 Resp: 3696274
 Ion Ratio Lower Upper
 112 100
 64 50.3 39.6 59.4
 63 25.0 20.3 30.5



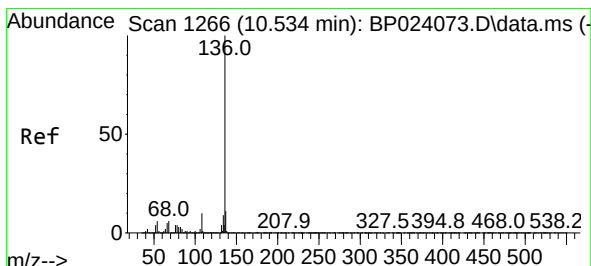
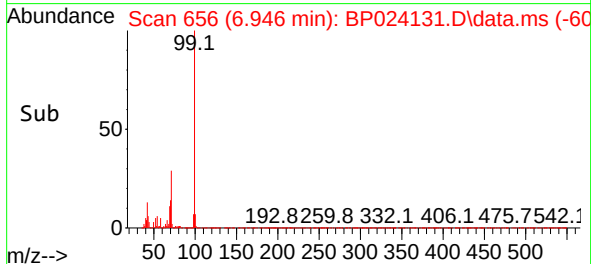
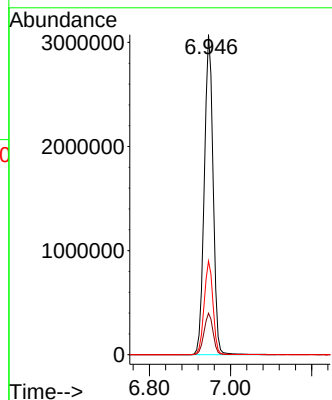
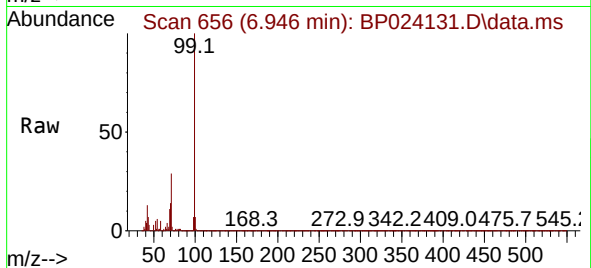


#7
Phenol-d6
Concen: 139.690 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024131.D
Acq: 28 Feb 2025 12:09

Instrument :
BNA_P
ClientSampleId :
PB166914BL

Tgt Ion: 99 Resp: 4622913

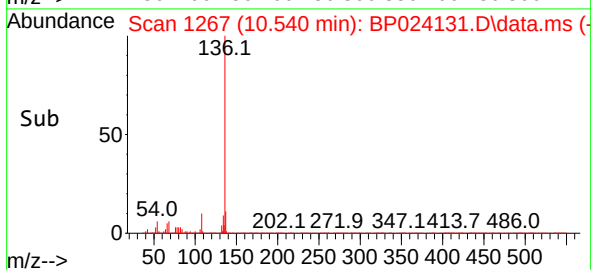
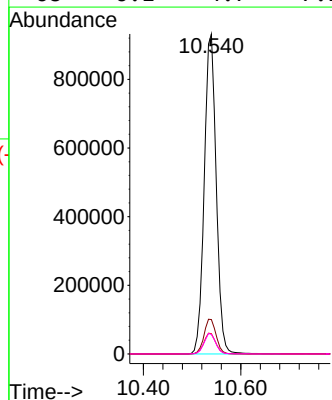
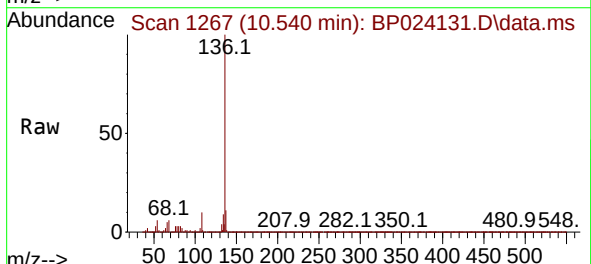
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.3	15.5
71	29.3	22.9	34.3

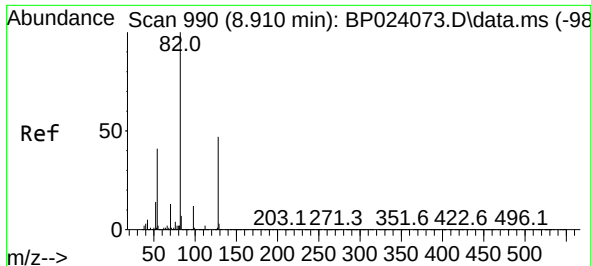


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BP024131.D
Acq: 28 Feb 2025 12:09

Tgt Ion: 136 Resp: 1583690

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.3	4.9	7.3
68	6.1	4.7	7.1

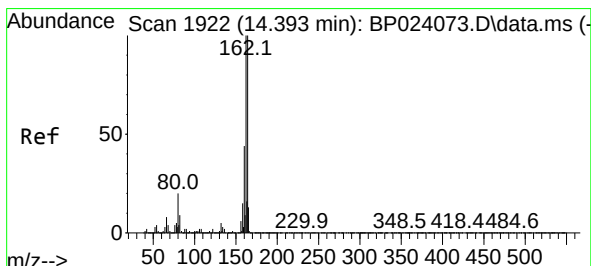
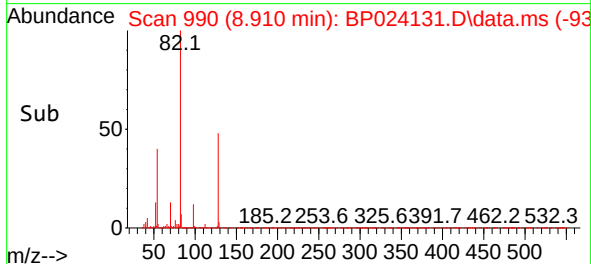
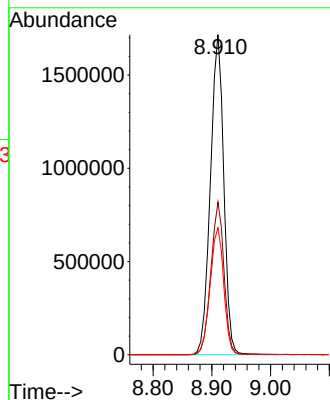
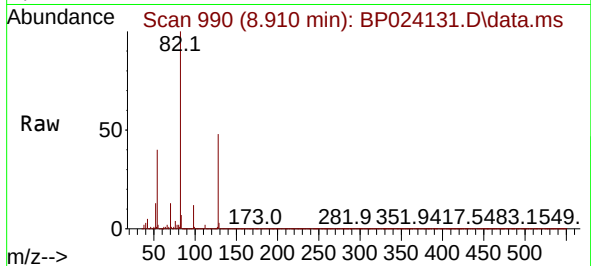




#23
 Nitrobenzene-d5
 Concen: 95.548 ng
 RT: 8.910 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: BP024131.D
 Acq: 28 Feb 2025 12:09

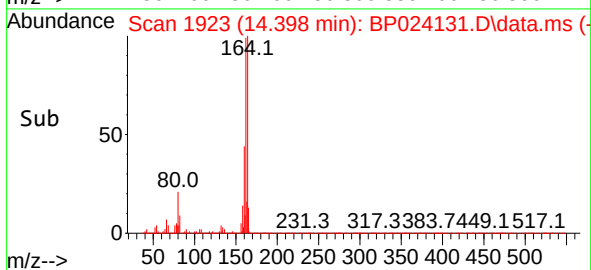
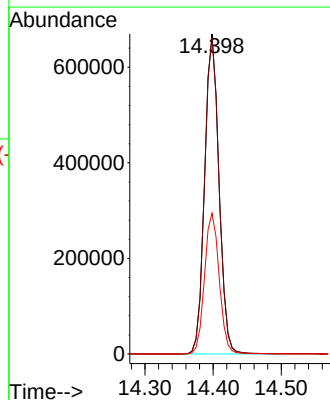
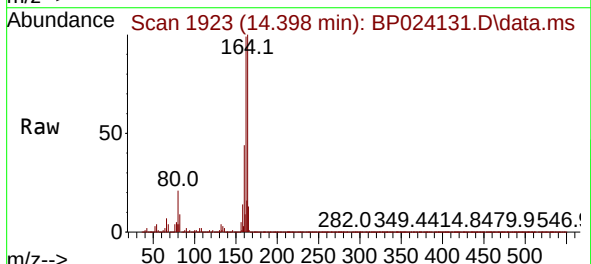
Instrument :
 BNA_P
 ClientSampleId :
 PB166914BL

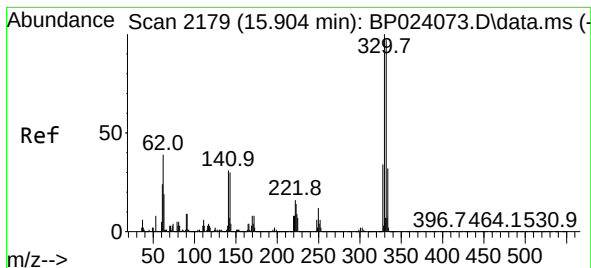
Tgt Ion: 82 Resp: 2712345
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.4 56.2
 54 39.7 32.4 48.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.398 min Scan# 1923
 Delta R.T. 0.006 min
 Lab File: BP024131.D
 Acq: 28 Feb 2025 12:09

Tgt Ion:164 Resp: 978288
 Ion Ratio Lower Upper
 164 100
 162 98.7 80.1 120.1
 160 44.0 35.6 53.4

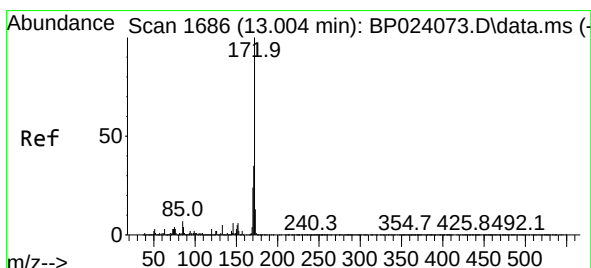
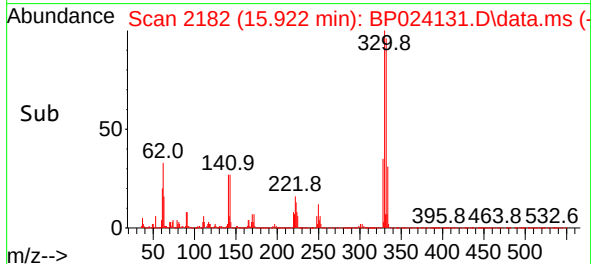
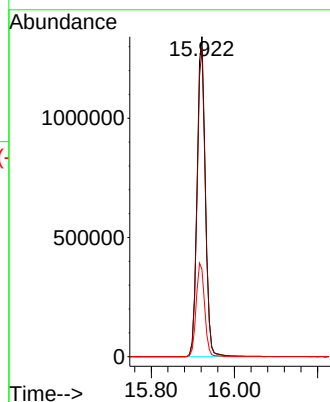
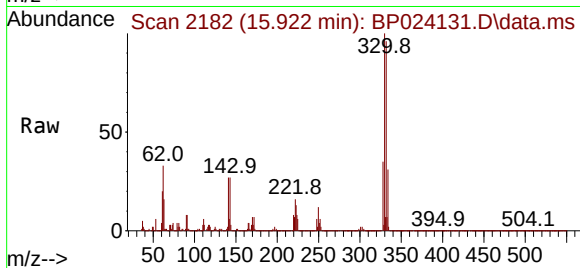




#42
2,4,6-Tribromophenol
Concen: 154.512 ng
RT: 15.922 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP024131.D
Acq: 28 Feb 2025 12:09

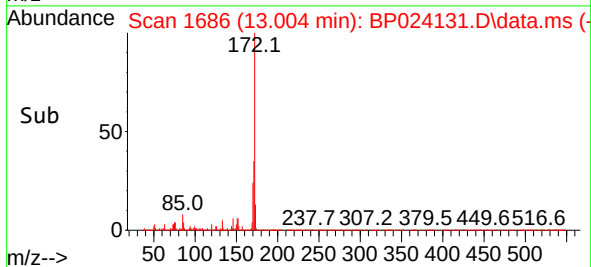
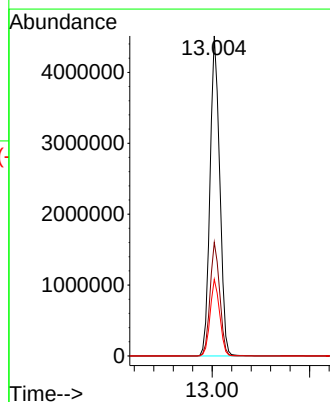
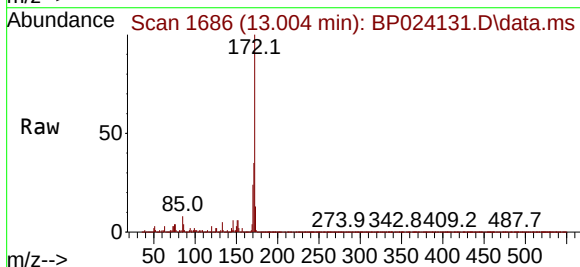
Instrument :
BNA_P
ClientSampleId :
PB166914BL

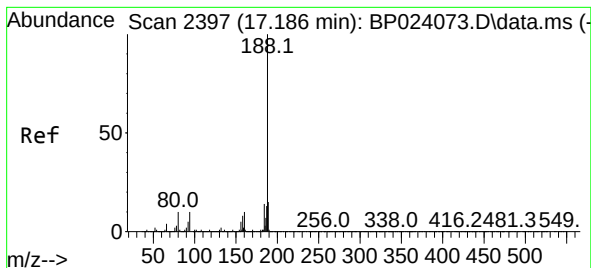
Tgt Ion:330 Resp: 1851511
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 30.0 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 88.846 ng
RT: 13.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP024131.D
Acq: 28 Feb 2025 12:09

Tgt Ion:172 Resp: 6217222
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. 0.023 min

Lab File: BP024131.D

Acq: 28 Feb 2025 12:09

Instrument :

BNA_P

ClientSampleId :

PB166914BL

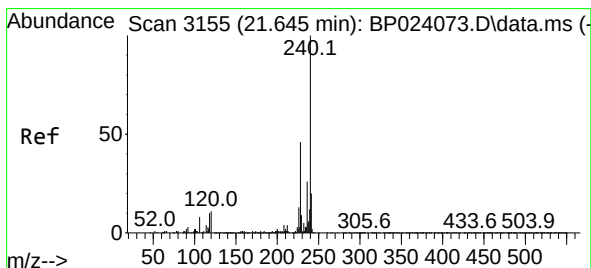
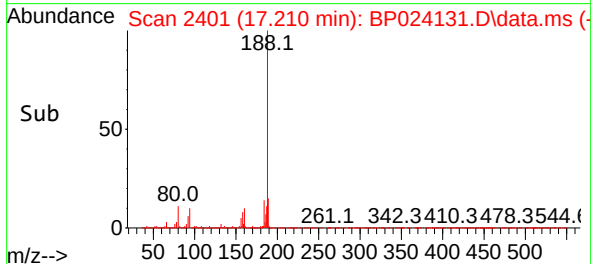
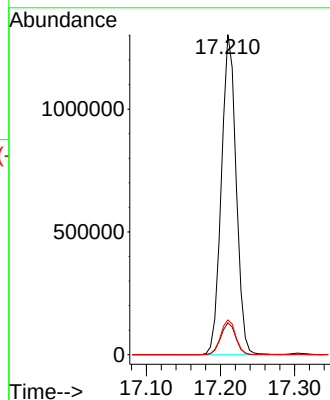
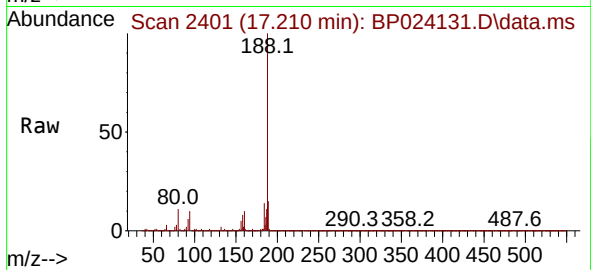
Tgt Ion:188 Resp: 1805232

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BP024131.D

Acq: 28 Feb 2025 12:09

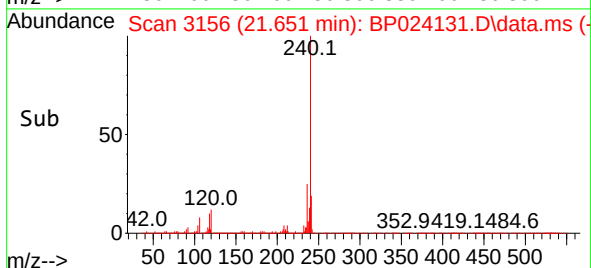
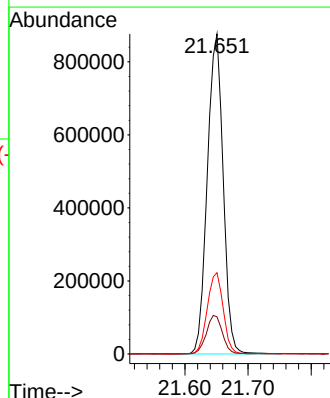
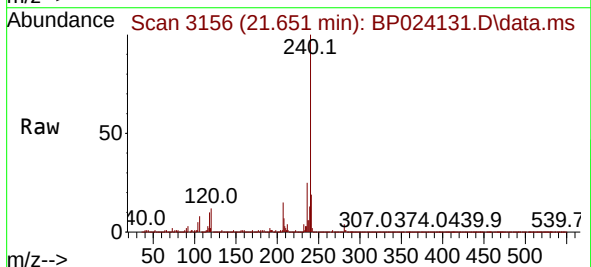
Tgt Ion:240 Resp: 1521502

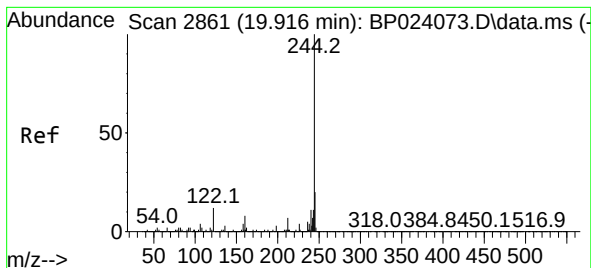
Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 108.122 ng

RT: 19.927 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024131.D

Acq: 28 Feb 2025 12:09

Instrument :

BNA_P

ClientSampleId :

PB166914BL

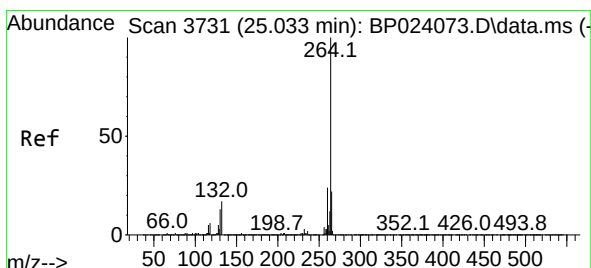
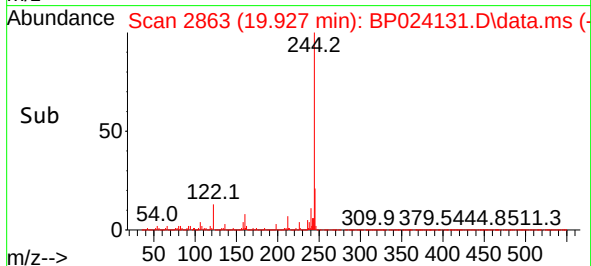
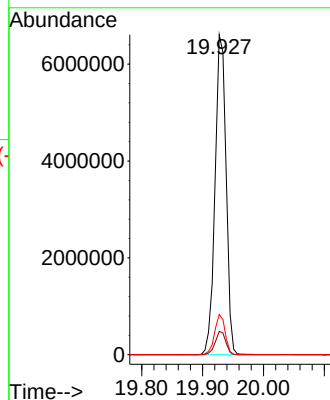
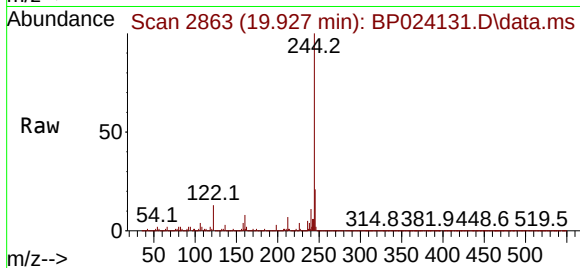
Tgt Ion:244 Resp: 8313708

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 12.6 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.051 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BP024131.D

Acq: 28 Feb 2025 12:09

Tgt Ion:264 Resp: 1635731

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.2 17.8 26.8

