

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
 Data File : BP010984.D
 Acq On : 15 Jul 2022 15:40
 Operator : CG/JU
 Sample : PB146243BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB146243BL

Quant Time: Jul 15 16:14:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 13:54:34 2022
 Response via : Initial Calibration

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

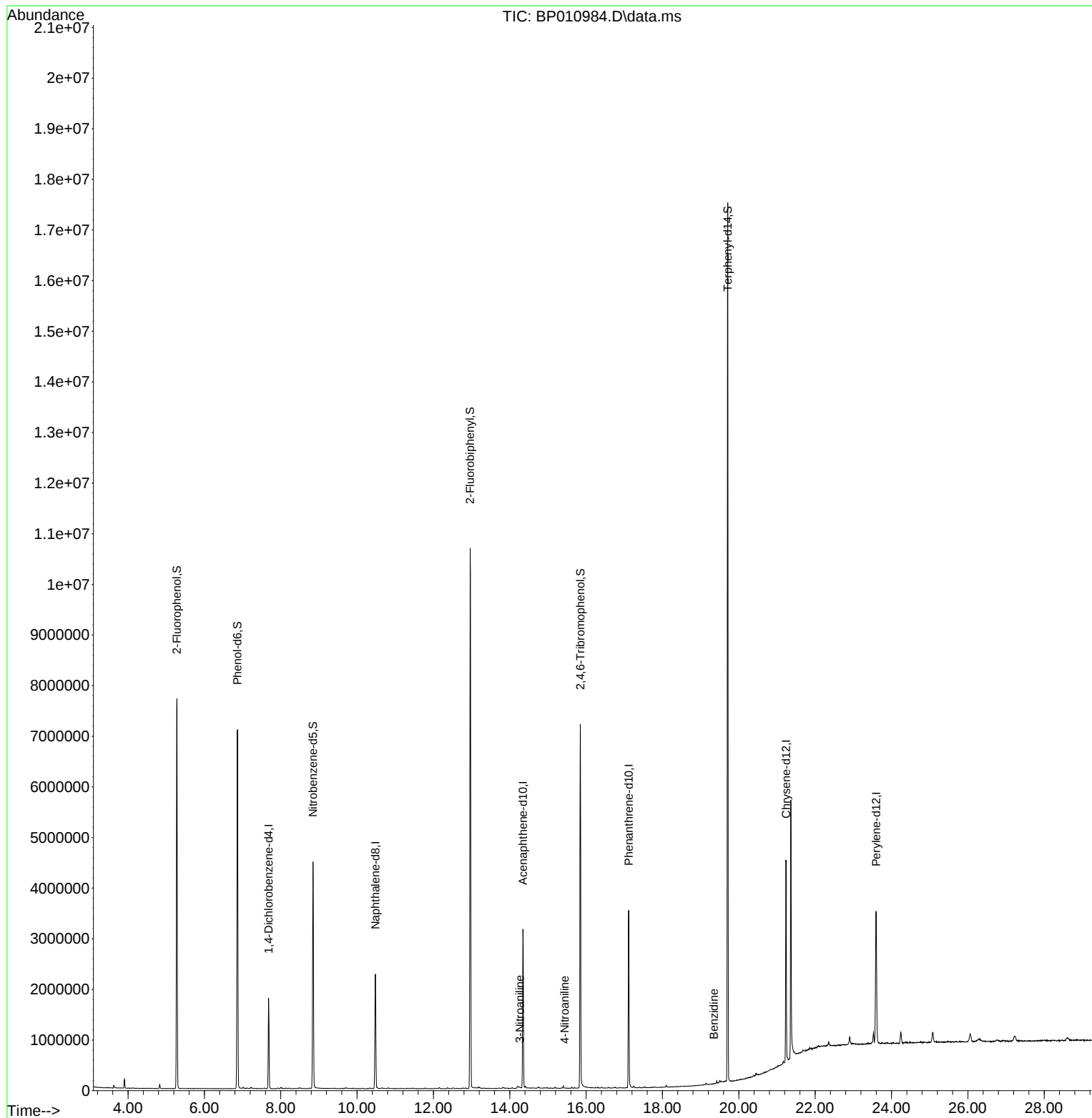
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	458448	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	1868136	20.000	ng	# 0.00
39) Acenaphthene-d10	14.346	164	1010955	20.000	ng	0.00
64) Phenanthrene-d10	17.116	188	1951082	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1748332	20.000	ng	# 0.00
86) Perylene-d12	23.598	264	1796810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	3153995	109.029	ng	0.00
7) Phenol-d6	6.864	99	4015105	108.495	ng	0.00
23) Nitrobenzene-d5	8.846	82	2463471	72.188	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	1175640	110.607	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	5211367	79.664	ng	0.00
79) Terphenyl-d14	19.710	244	7538676	91.350	ng	0.00
Target Compounds						
						Qvalue
53) 3-Nitroaniline	14.263	138	1729	2.929	ng	# 91
62) 4-Nitroaniline	15.440	138	1511	2.929	ng	92
77) Benzidine	19.351	184	2695	10.035	ng	# 57

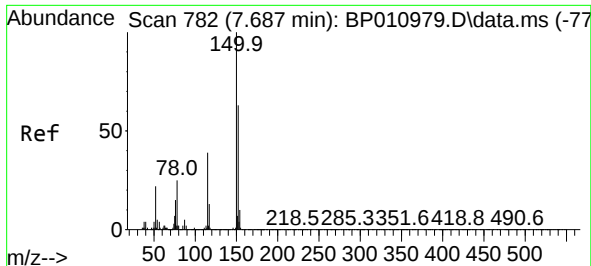
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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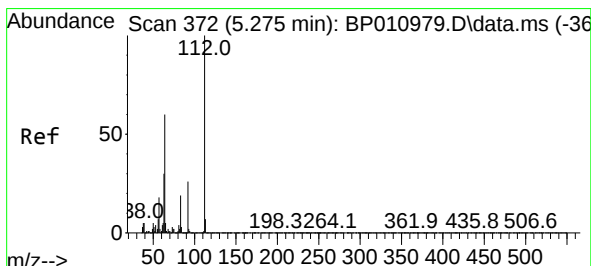
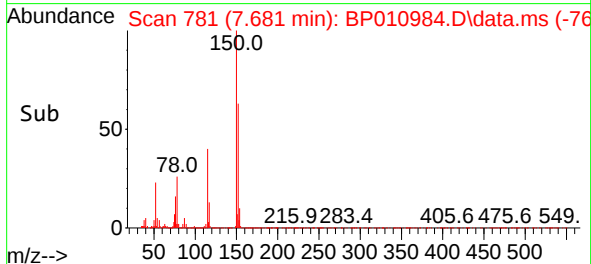
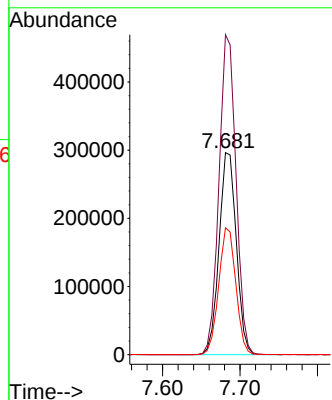
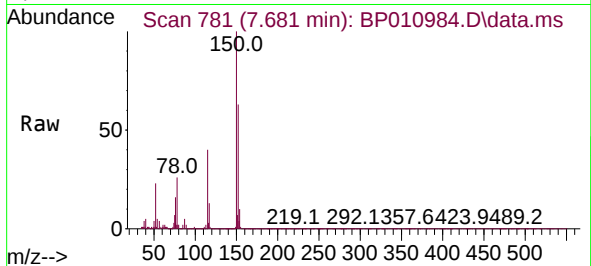




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

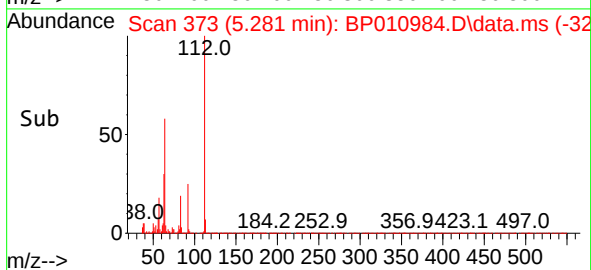
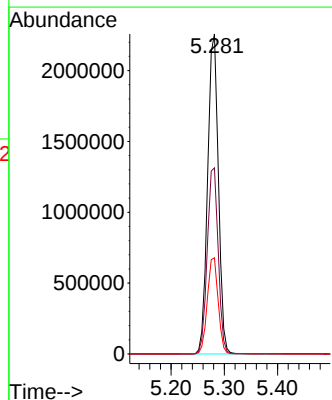
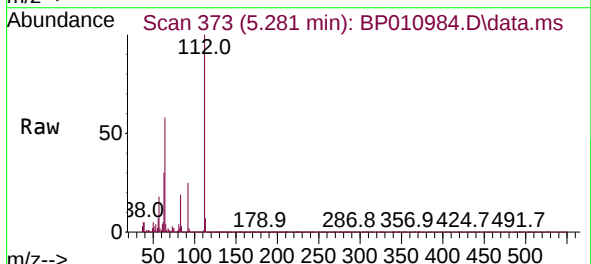
Instrument :
BNA_P
ClientSampleId :
PB146243BL

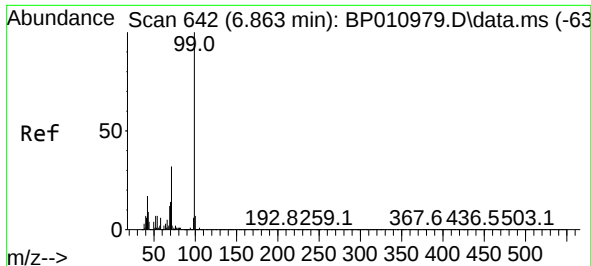
Tgt Ion:152 Resp: 458448
Ion Ratio Lower Upper
152 100
150 158.3 123.4 185.2
115 62.8 51.3 76.9



#5
2-Fluorophenol
Concen: 109.029 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

Tgt Ion:112 Resp: 3153995
Ion Ratio Lower Upper
112 100
64 58.2 56.9 85.3
63 30.1 31.2 46.8#

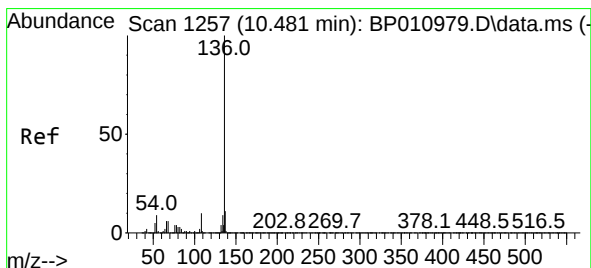
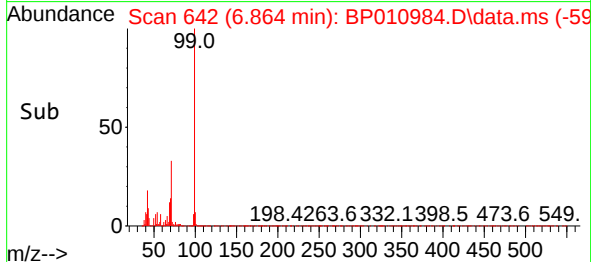
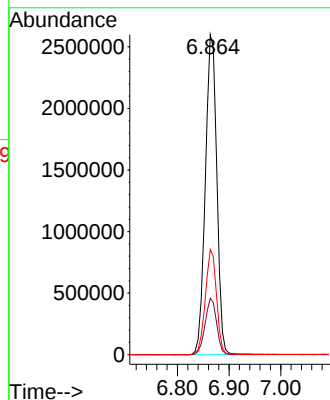
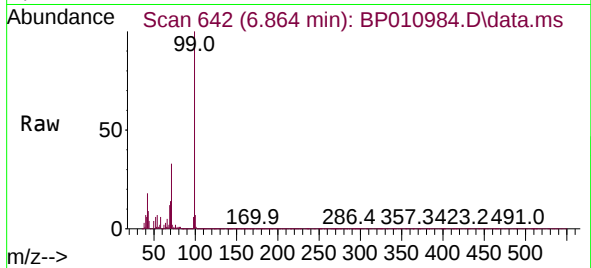




#7
Phenol-d6
Concen: 108.495 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

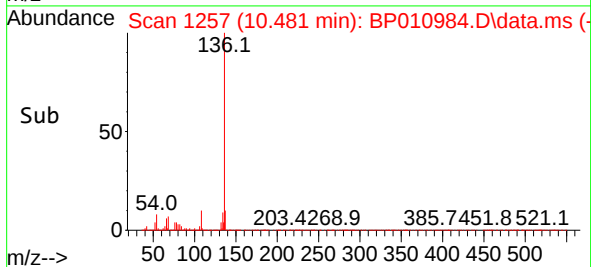
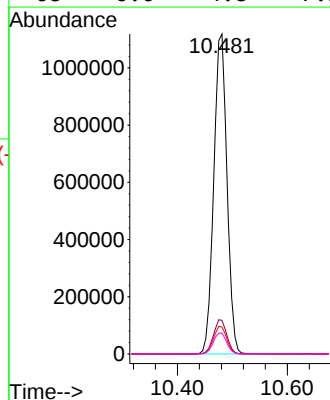
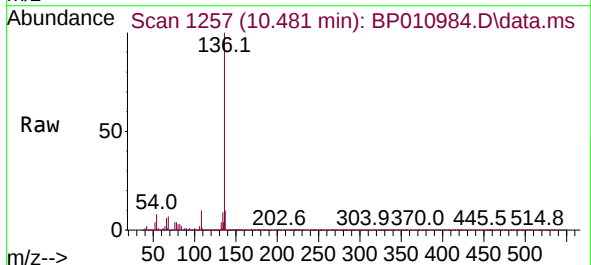
Instrument :
BNA_P
ClientSampleId :
PB146243BL

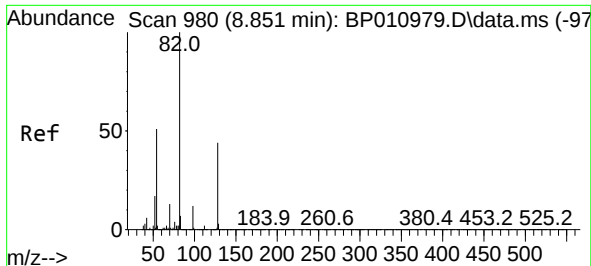
Tgt Ion: 99 Resp: 4015105
Ion Ratio Lower Upper
99 100
42 17.6 20.3 30.5#
71 32.8 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

Tgt Ion: 136 Resp: 1868136
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.5 8.7 13.1#
68 6.6 4.8 7.2

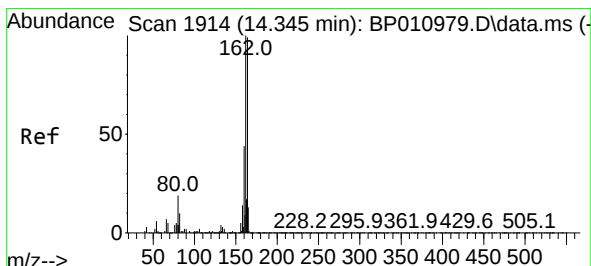
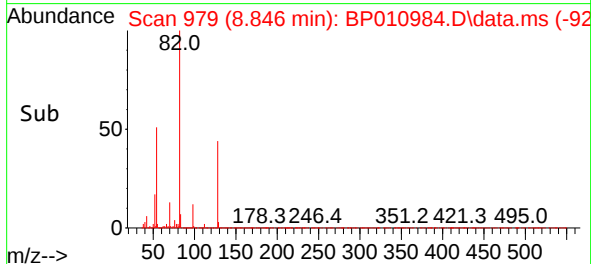
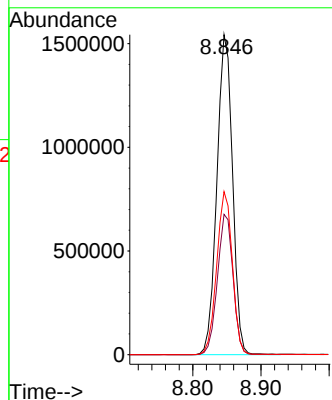
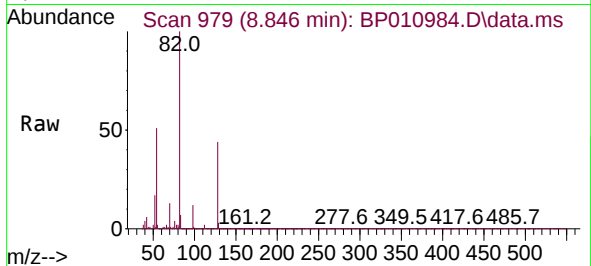




#23
Nitrobenzene-d5
Concen: 72.188 ng
RT: 8.846 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

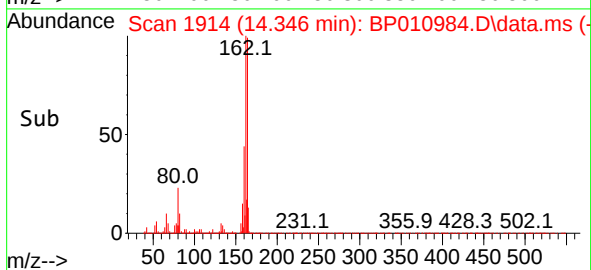
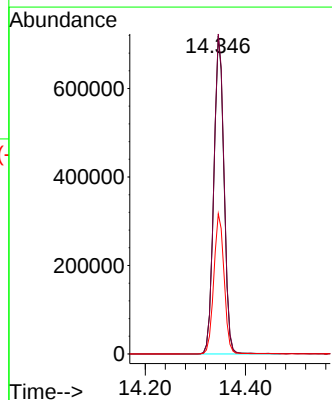
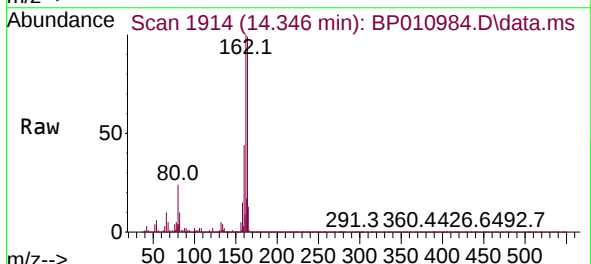
Instrument :
BNA_P
ClientSampleId :
PB146243BL

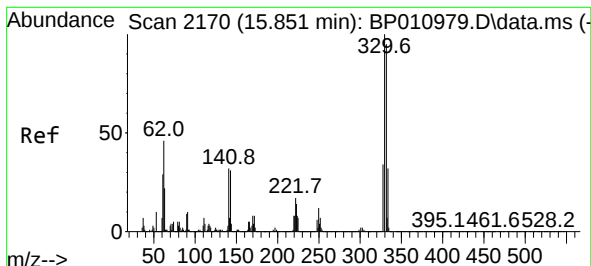
Tgt Ion: 82 Resp: 2463471
Ion Ratio Lower Upper
82 100
128 43.9 31.3 46.9
54 50.9 49.8 74.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

Tgt Ion:164 Resp: 1010955
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 44.1 34.6 51.8

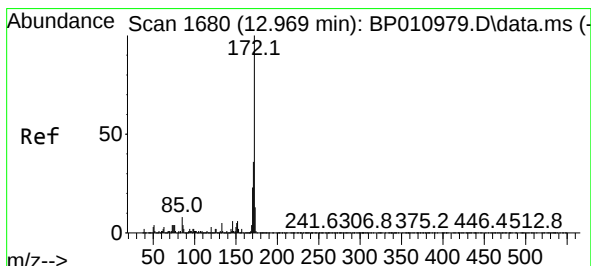
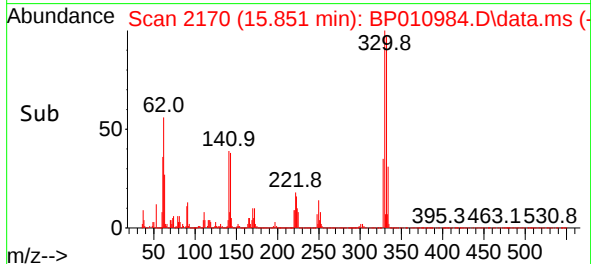
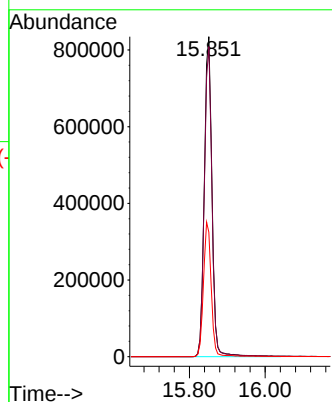
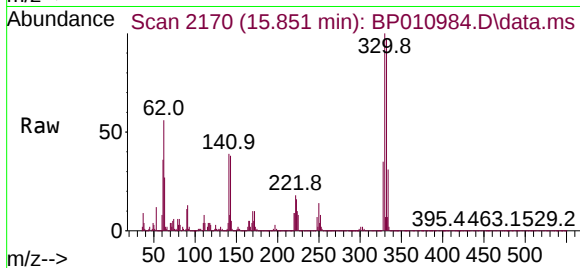




#42
2,4,6-Tribromophenol
Concen: 110.607 ng
RT: 15.851 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

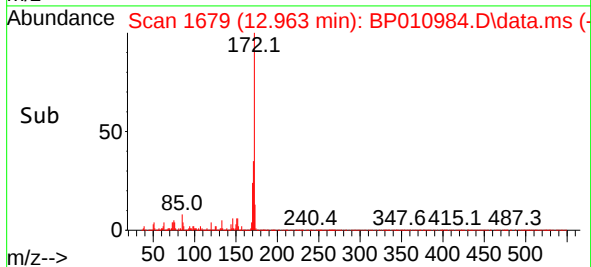
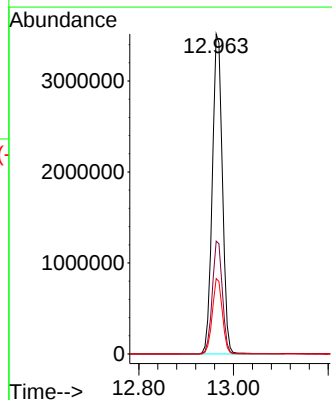
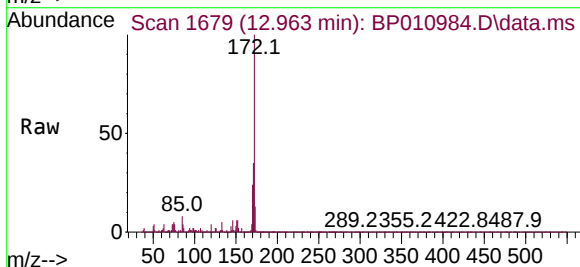
Instrument :
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ClientSampleId :
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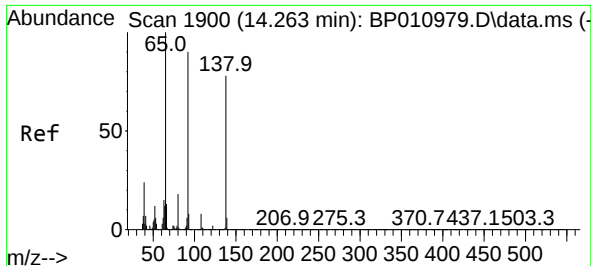
Tgt Ion:330 Resp: 1175640
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 42.2 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 79.664 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

Tgt Ion:172 Resp: 5211367
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.6 18.2 27.2

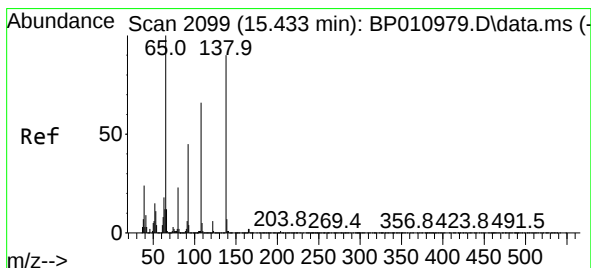
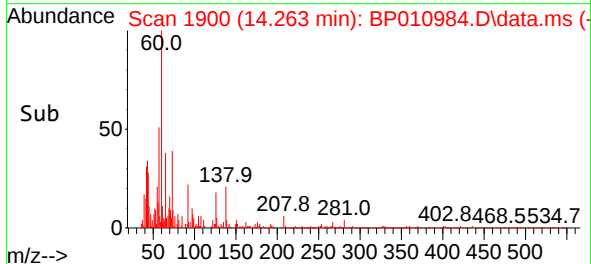
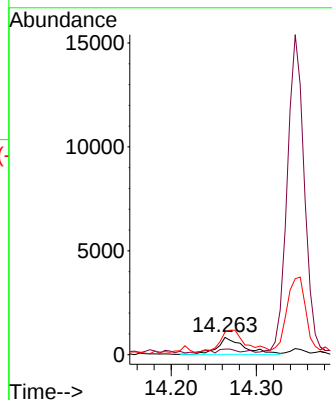
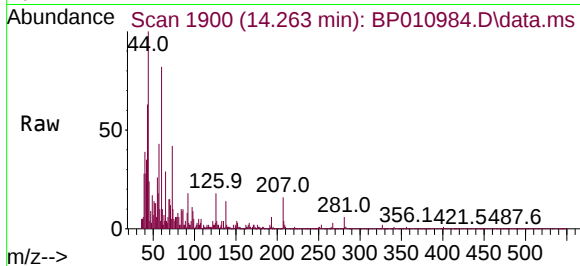




#53
3-Nitroaniline
Concen: 2.929 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

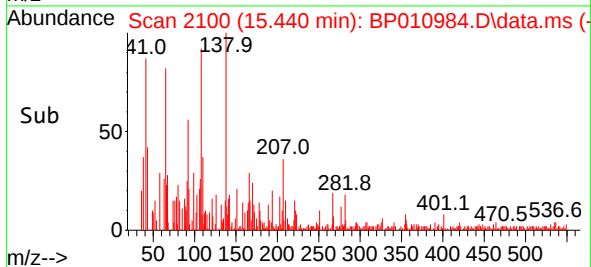
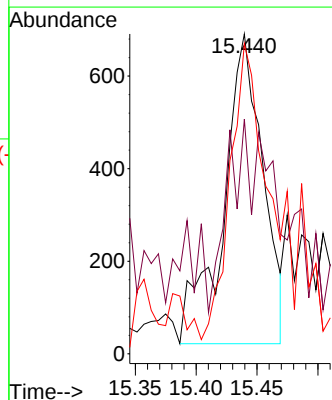
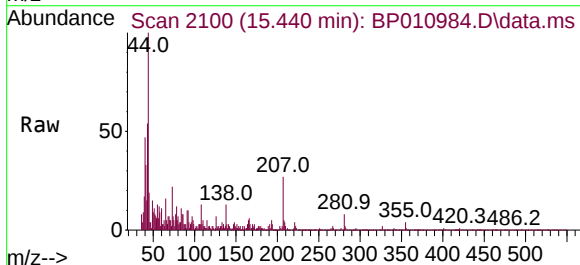
Instrument :
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ClientSampleId :
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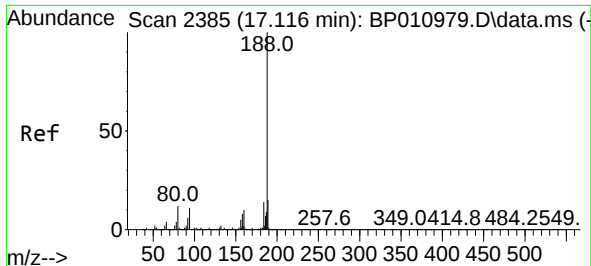
Tgt Ion:138 Resp: 1729
Ion Ratio Lower Upper
138 100
108 31.9 9.5 14.3#
92 130.2 99.9 149.9



#62
4-Nitroaniline
Concen: 2.929 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.007 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

Tgt Ion:138 Resp: 1511
Ion Ratio Lower Upper
138 100
92 73.4 38.0 78.0
108 97.0 77.6 117.6

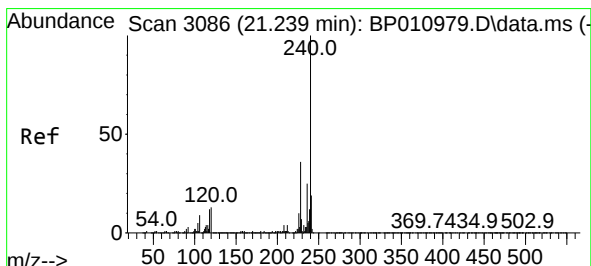
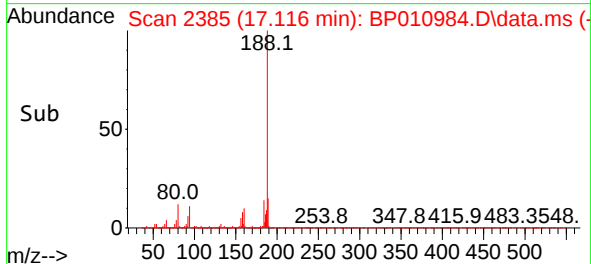
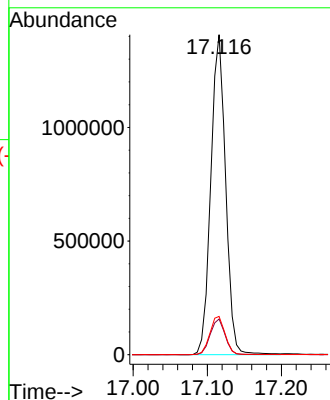
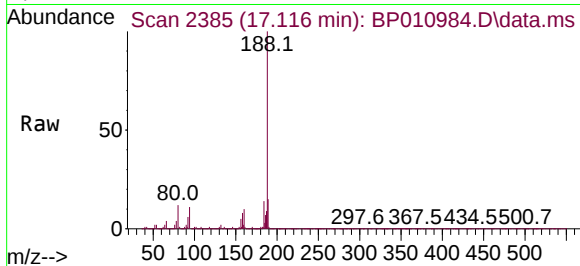




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.116 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

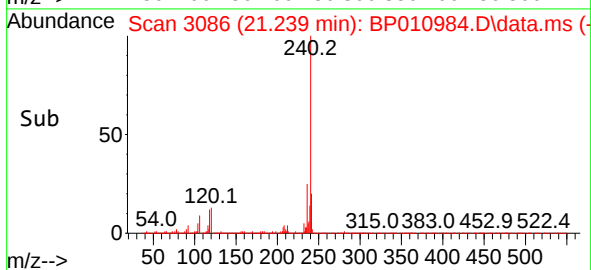
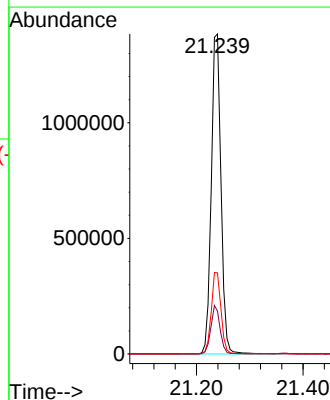
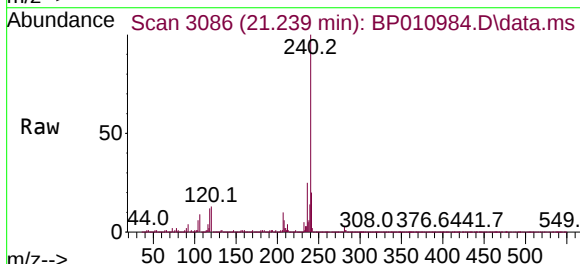
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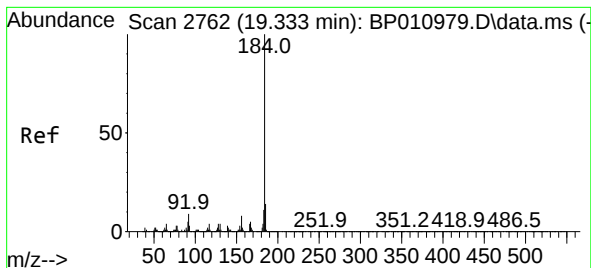
Tgt Ion:188 Resp: 1951082
Ion Ratio Lower Upper
188 100
94 11.2 6.6 10.0#
80 12.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP010984.D
Acq: 15 Jul 2022 15:40

Tgt Ion:240 Resp: 1748332
Ion Ratio Lower Upper
240 100
120 13.4 8.6 12.8#
236 25.3 19.8 29.6





#77

Benzidine

Concen: 10.035 ng

RT: 19.351 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP010984.D

Acq: 15 Jul 2022 15:40

Instrument :

BNA_P

ClientSampleId :

PB146243BL

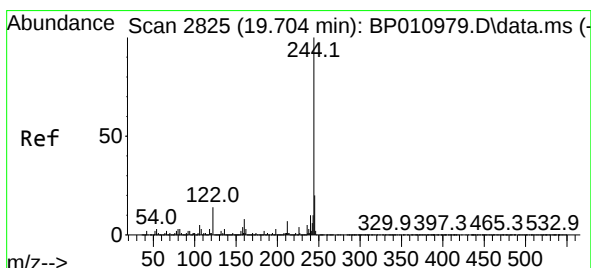
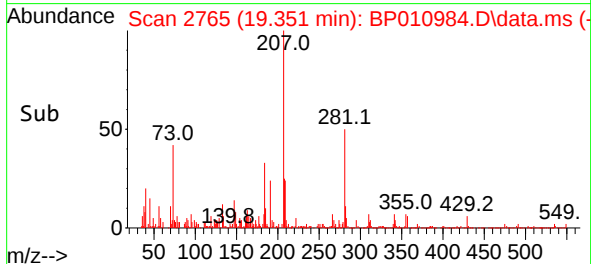
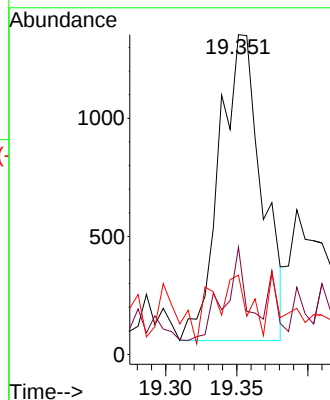
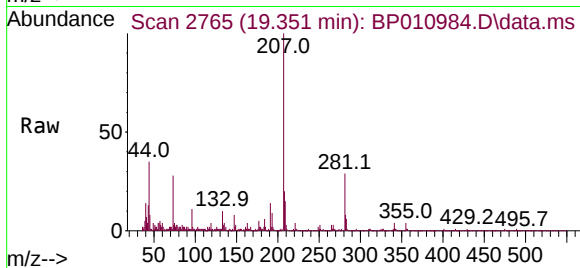
Tgt Ion:184 Resp: 2695

Ion Ratio Lower Upper

184 100

185 33.6 10.7 16.1#

183 24.8 9.0 13.6#



#79

Terphenyl-d14

Concen: 91.350 ng

RT: 19.710 min Scan# 2826

Delta R.T. 0.006 min

Lab File: BP010984.D

Acq: 15 Jul 2022 15:40

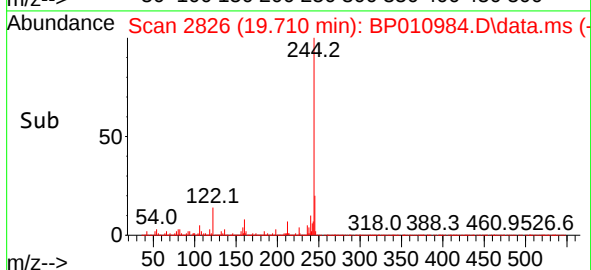
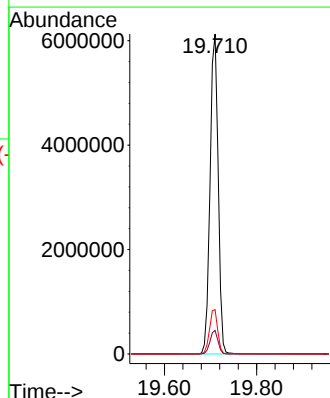
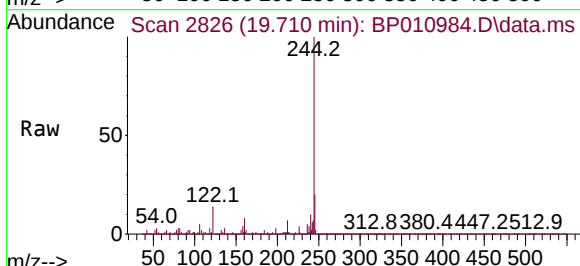
Tgt Ion:244 Resp: 7538676

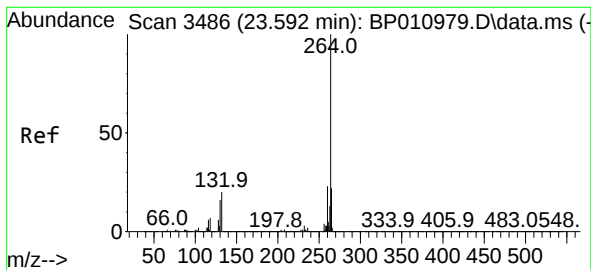
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 13.8 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.598 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP010984.D

Acq: 15 Jul 2022 15:40

Instrument :

BNA_P

ClientSampleId :

PB146243BL

Tgt Ion:264 Resp: 1796810

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.1 18.0 27.0

