

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014086.D
 Acq On : 14 Mar 2023 17:05
 Operator : CG/JU
 Sample : PB151412BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151412BL

Quant Time: Mar 15 04:32:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

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

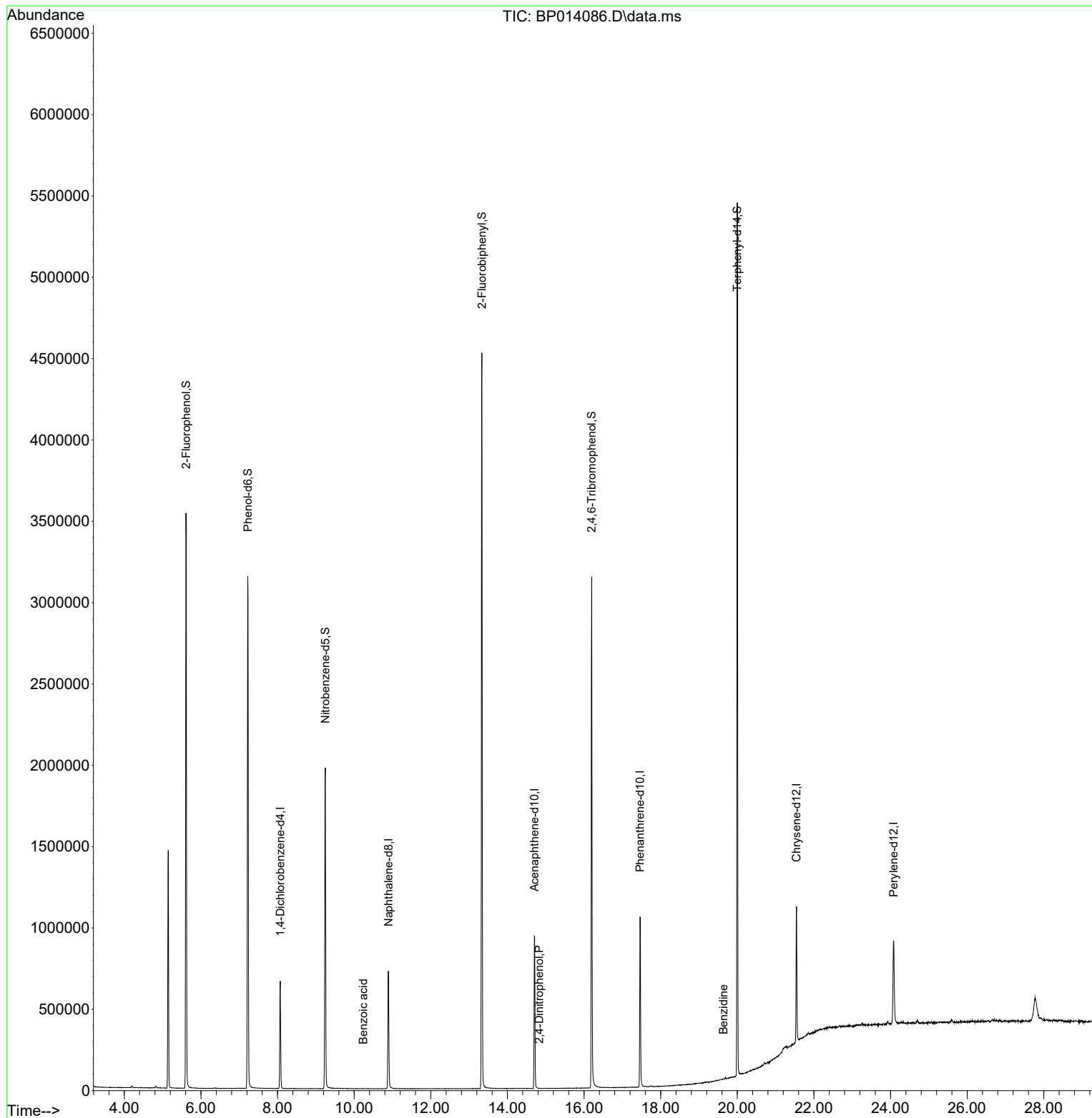
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	166302	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	589777	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	321807	20.000	ng	-0.01
64) Phenanthrene-d10	17.463	188	633293	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	435588	20.000	ng	0.00
86) Perylene-d12	24.080	264	440642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1407865	137.292	ng	0.00
7) Phenol-d6	7.222	99	1757801	130.561	ng	0.00
23) Nitrobenzene-d5	9.246	82	1172430	90.859	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	582402	111.622	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2310371	93.014	ng	0.00
79) Terphenyl-d14	19.998	244	2455717	92.963	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.234	122	76	2.711	ng	# 1
54) 2,4-Dinitrophenol	14.828	184	3	3.079	ng	# 1
77) Benzidine	19.639	184	30	2.838	ng	# 1

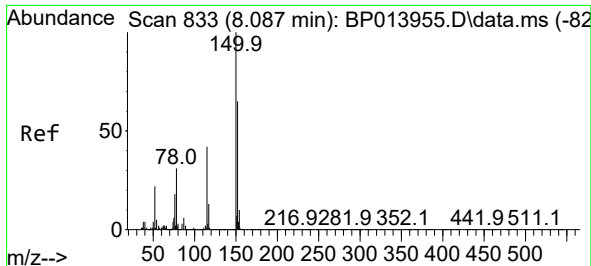
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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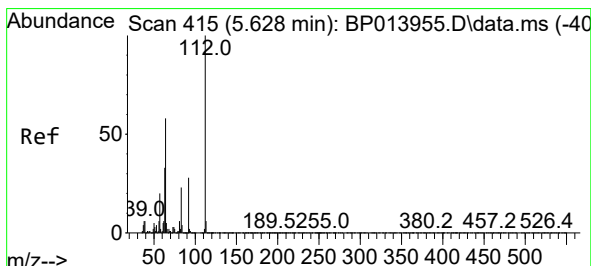
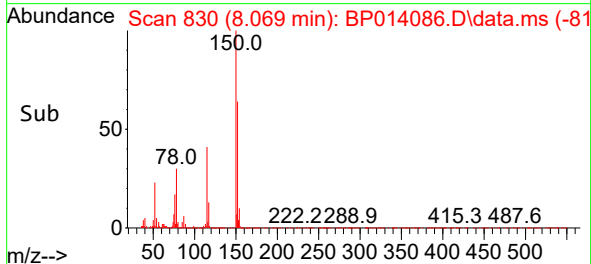
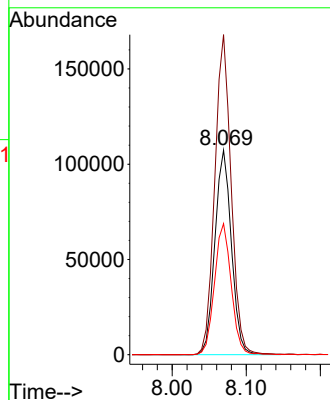
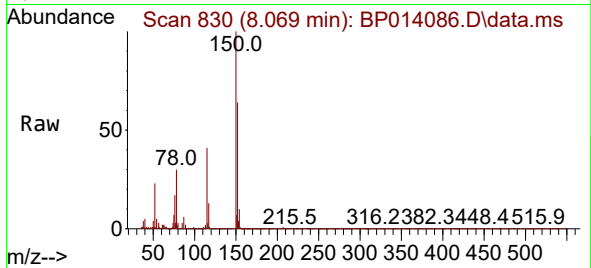




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

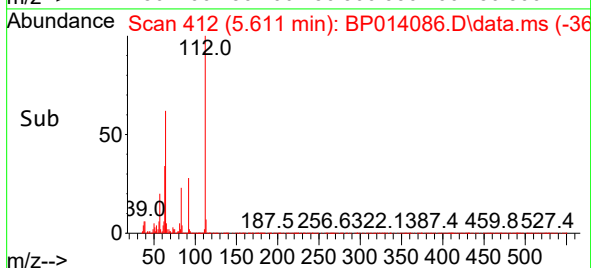
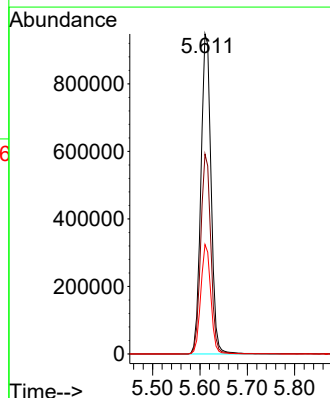
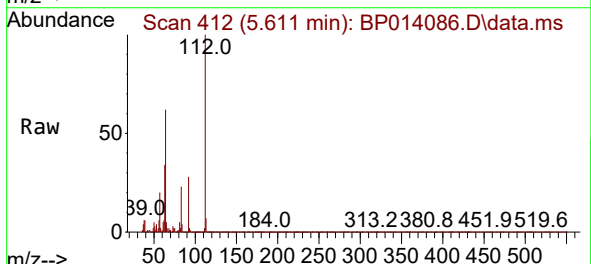
Instrument :
BNA_P
ClientSampleId :
PB151412BL

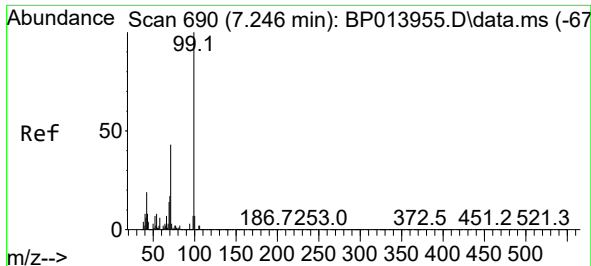
Tgt Ion:152 Resp: 166302
Ion Ratio Lower Upper
152 100
150 156.5 122.3 183.5
115 64.1 51.6 77.4



#5
2-Fluorophenol
Concen: 137.292 ng
RT: 5.611 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

Tgt Ion:112 Resp: 1407865
Ion Ratio Lower Upper
112 100
64 62.5 46.7 70.1
63 34.2 26.6 40.0

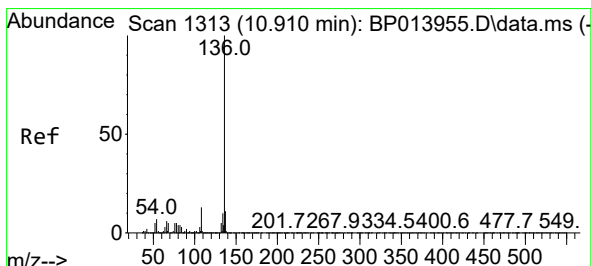
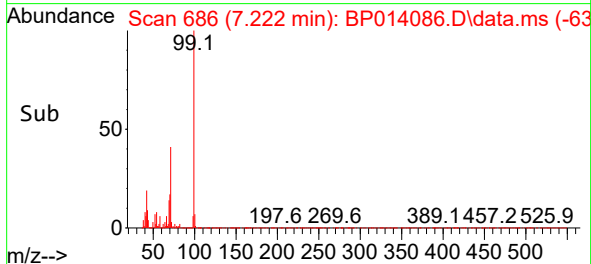
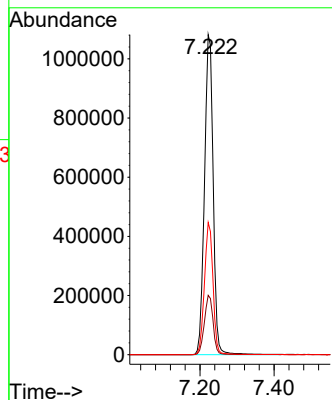
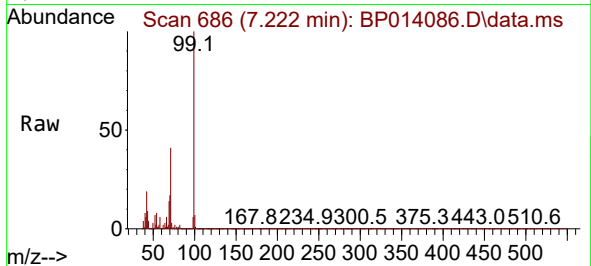




#7
Phenol-d6
Concen: 130.561 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

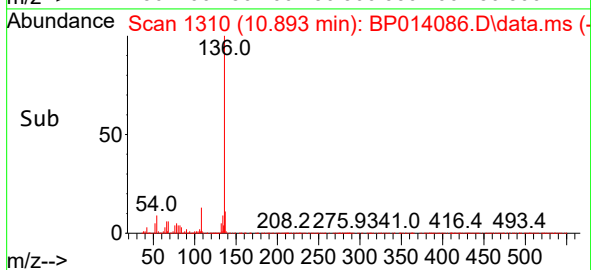
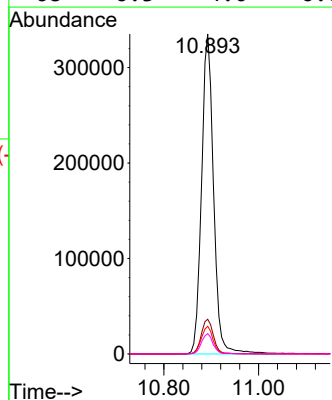
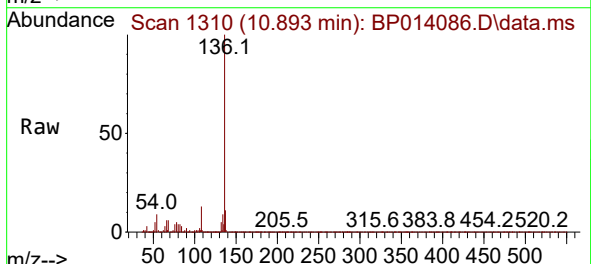
Instrument :
BNA_P
ClientSampleId :
PB151412BL

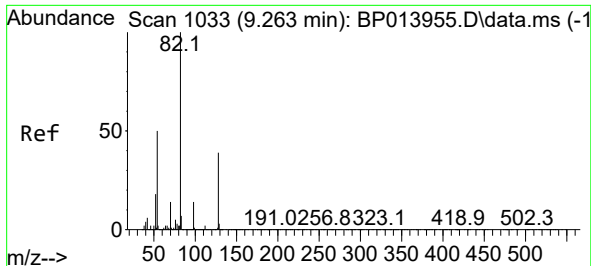
Tgt Ion: 99 Resp: 1757801
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 41.3 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

Tgt Ion: 136 Resp: 589777
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.6 5.8 8.8
68 6.3 4.0 6.0#

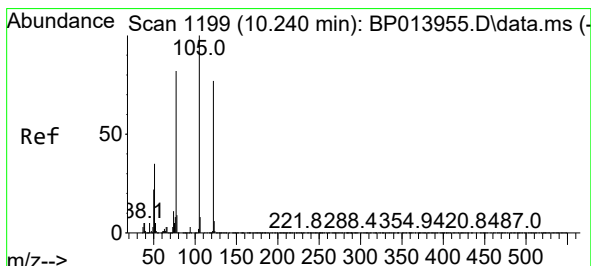
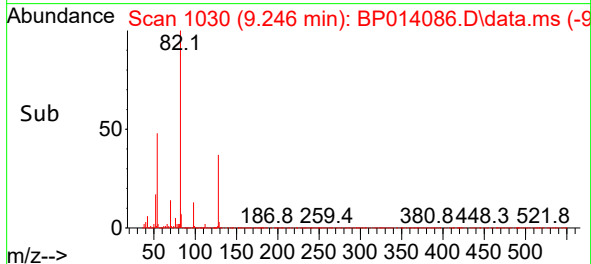
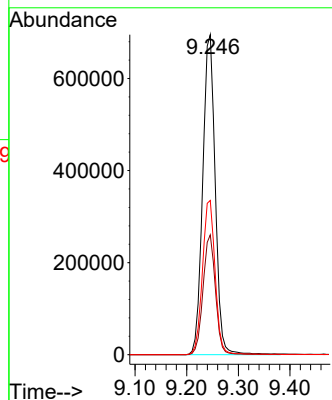
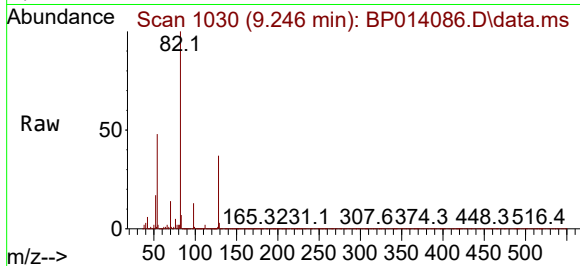




#23
Nitrobenzene-d5
Concen: 90.859 ng
RT: 9.246 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

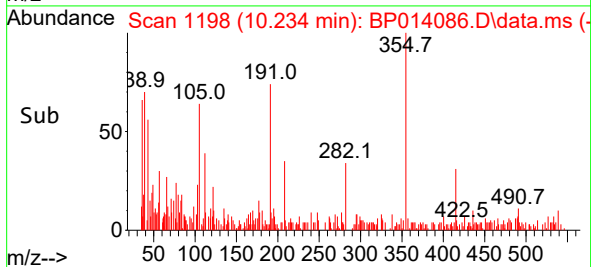
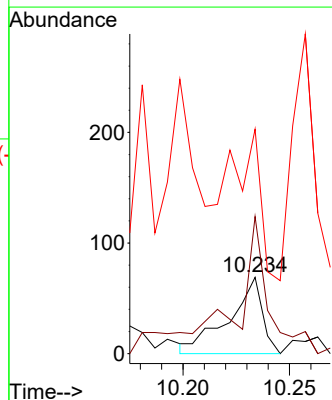
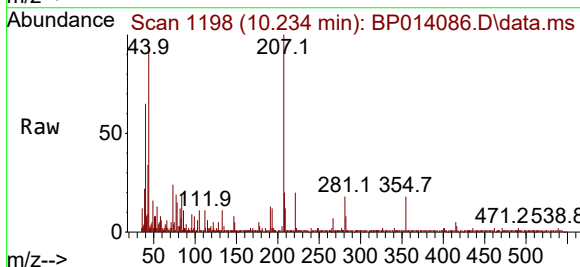
Instrument :
BNA_P
ClientSampleId :
PB151412BL

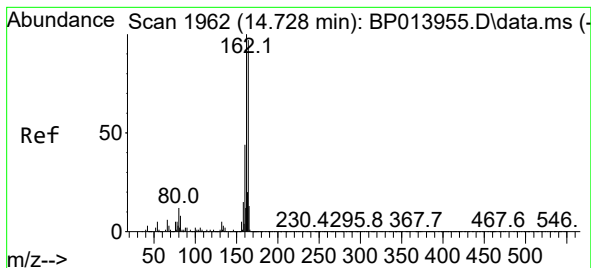
Tgt Ion: 82 Resp: 1172430
Ion Ratio Lower Upper
82 100
128 37.5 31.1 46.7
54 48.2 40.0 60.0



#32
Benzoic acid
Concen: 2.711 ng
RT: 10.234 min Scan# 1198
Delta R.T. 0.024 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

Tgt Ion: 122 Resp: 76
Ion Ratio Lower Upper
122 100
105 179.7 108.2 148.2#
77 294.2 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP014086.D

Acq: 14 Mar 2023 17:05

Instrument :

BNA_P

ClientSampleId :

PB151412BL

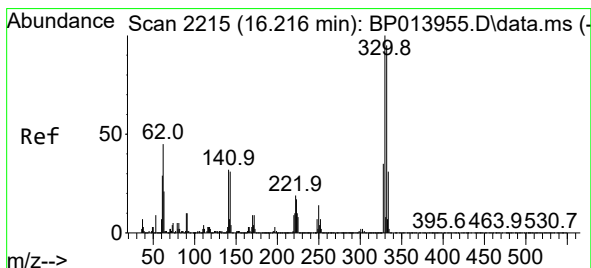
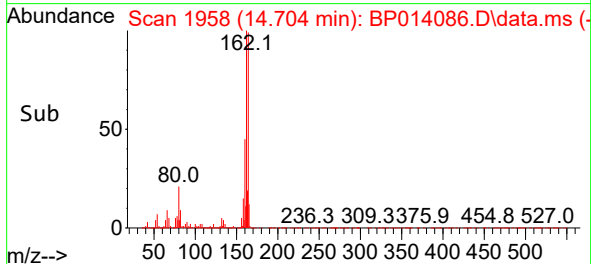
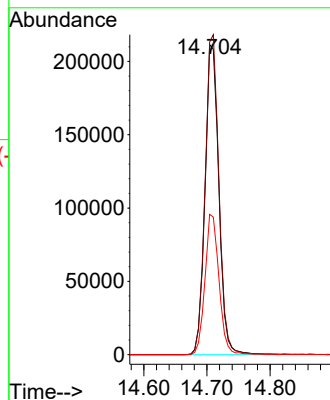
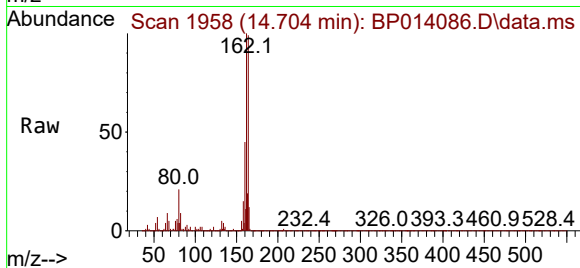
Tgt Ion:164 Resp: 321807

Ion Ratio Lower Upper

164 100

162 100.8 82.1 123.1

160 45.3 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 111.622 ng

RT: 16.198 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BP014086.D

Acq: 14 Mar 2023 17:05

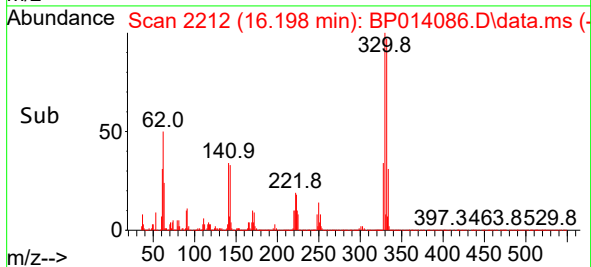
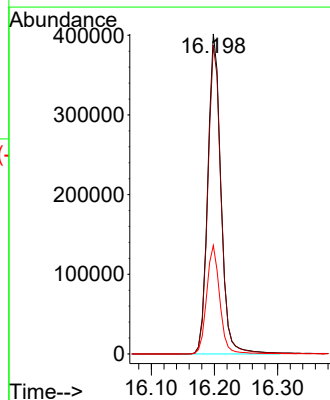
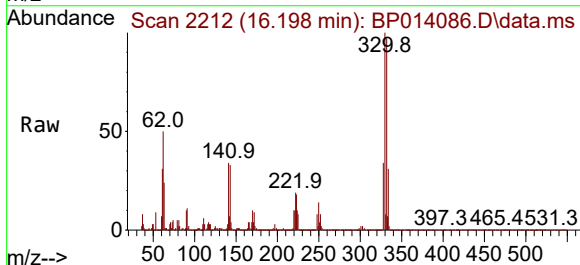
Tgt Ion:330 Resp: 582402

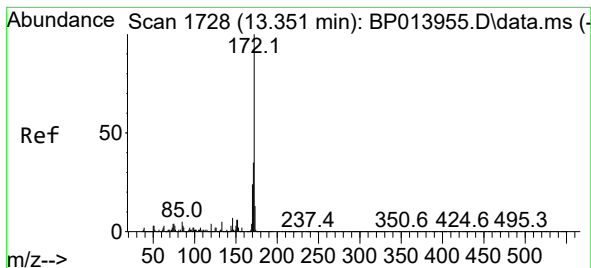
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 33.9 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 93.014 ng

RT: 13.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014086.D

Acq: 14 Mar 2023 17:05

Instrument :

BNA_P

ClientSampleId :

PB151412BL

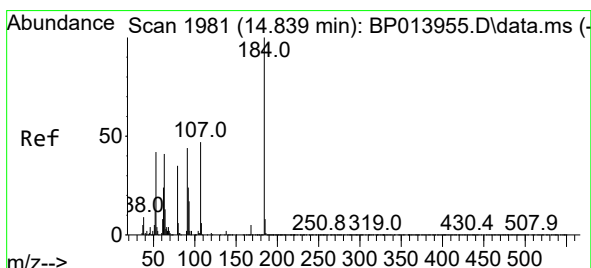
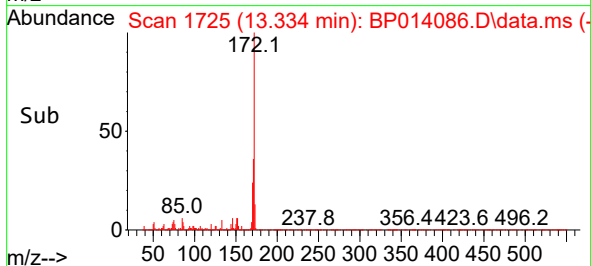
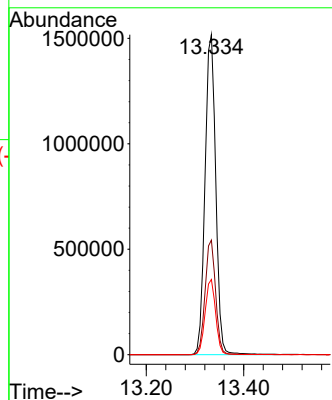
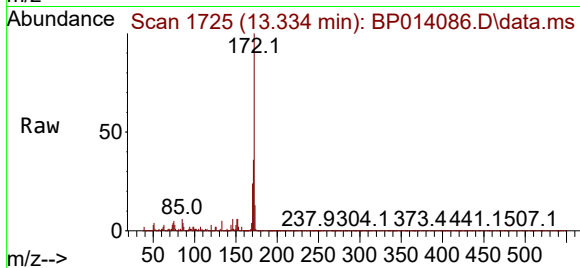
Tgt Ion:172 Resp: 2310371

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.079 ng

RT: 14.828 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BP014086.D

Acq: 14 Mar 2023 17:05

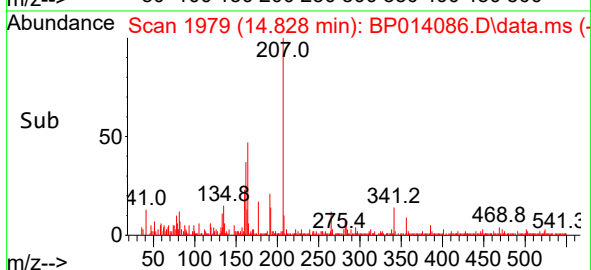
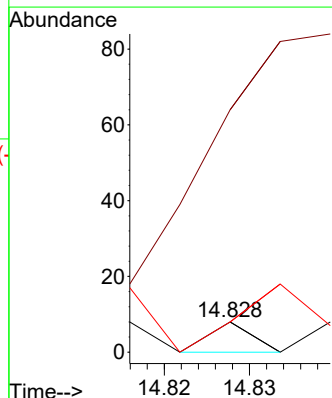
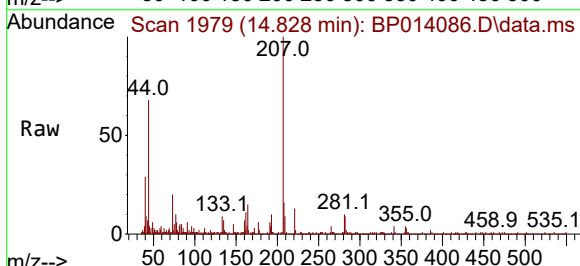
Tgt Ion:184 Resp: 3

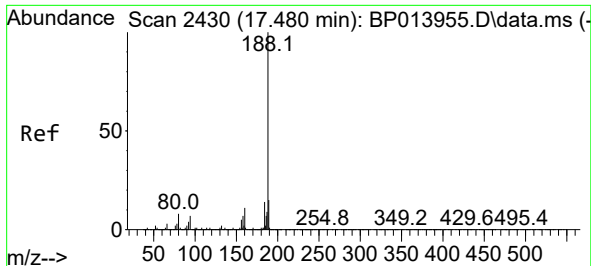
Ion Ratio Lower Upper

184 100

63 800.0 52.4 78.6#

154 100.0 59.4 89.2#

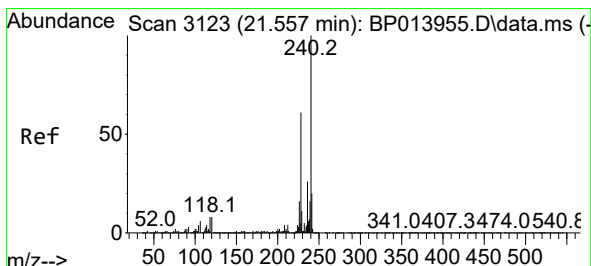
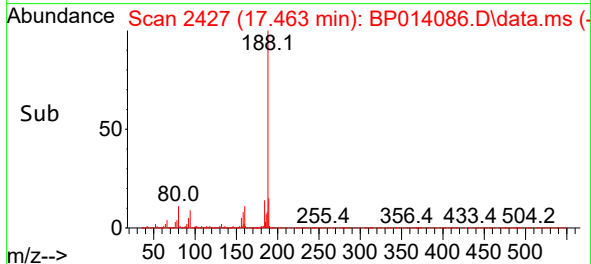
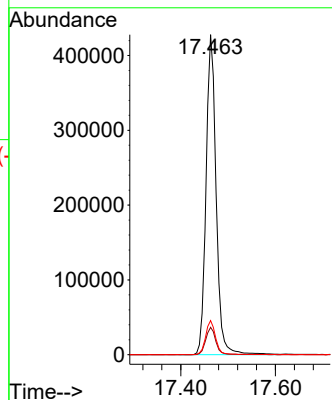
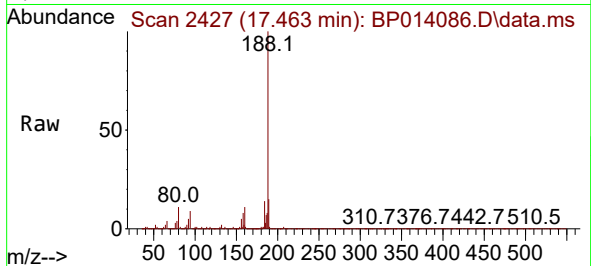




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

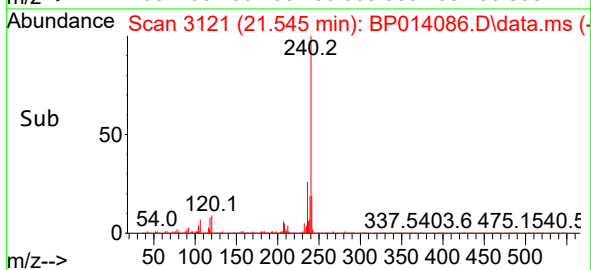
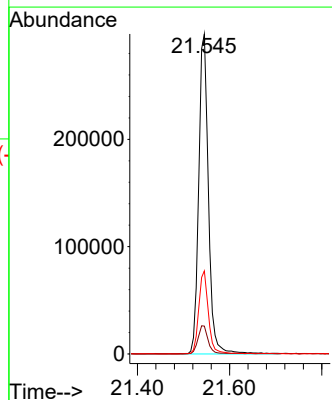
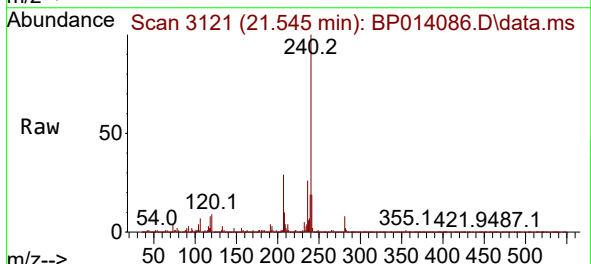
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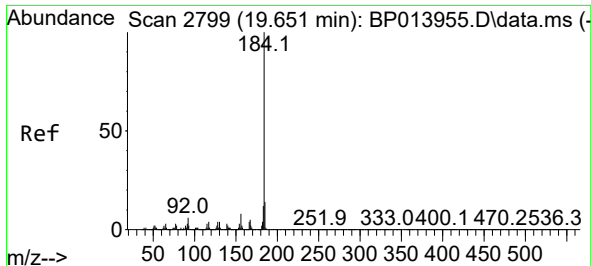
Tgt Ion:188 Resp: 633293
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 10.7 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

Tgt Ion:240 Resp: 435588
Ion Ratio Lower Upper
240 100
120 8.7 6.4 9.6
236 25.9 21.2 31.8

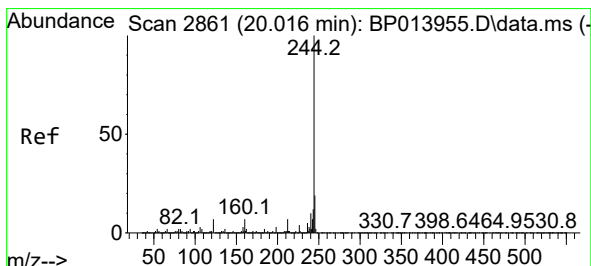
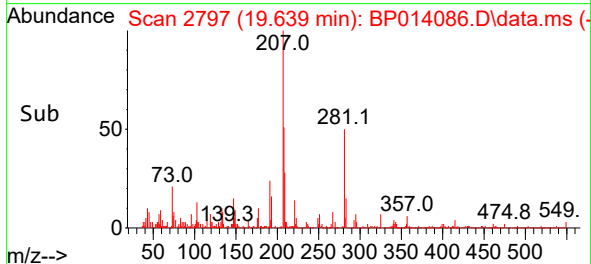
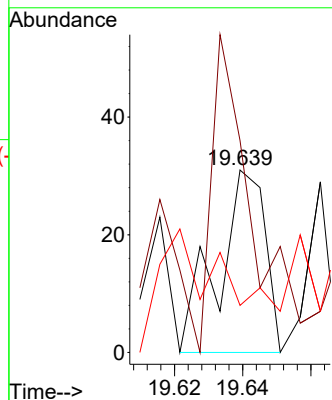
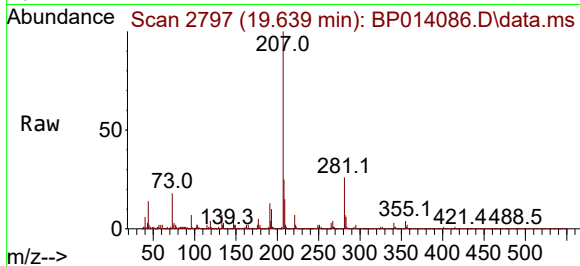




#77
Benzidine
Concen: 2.838 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

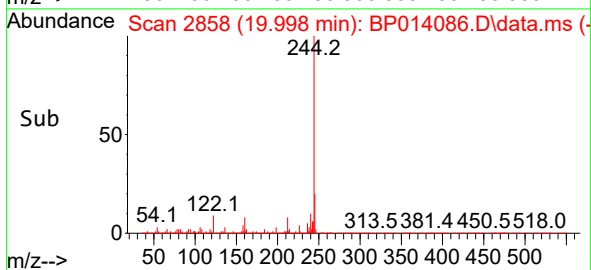
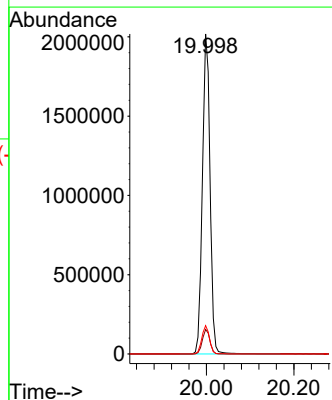
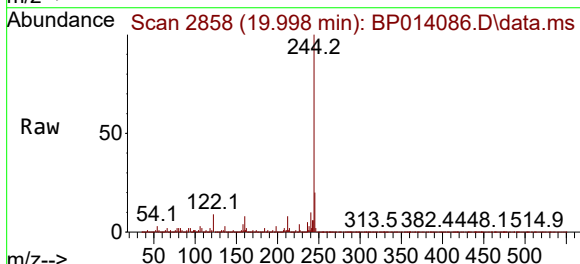
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BNA_P
ClientSampleId :
PB151412BL

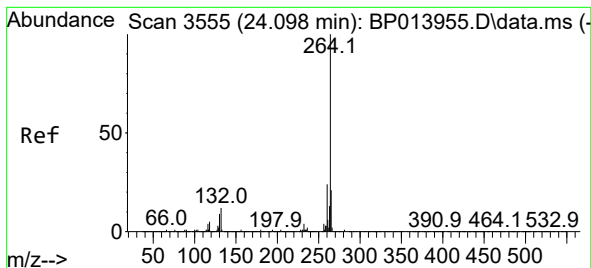
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
185 116.1 11.6 17.4#
183 25.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 92.963 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BP014086.D
Acq: 14 Mar 2023 17:05

Tgt Ion:244 Resp: 2455717
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.9 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.080 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014086.D

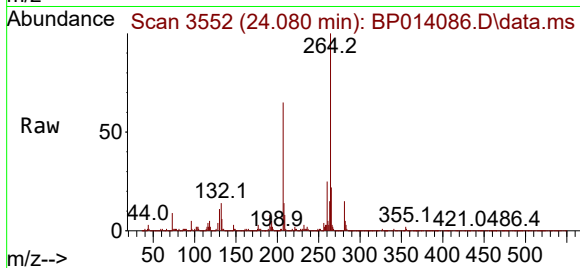
Acq: 14 Mar 2023 17:05

Instrument :

BNA_P

ClientSampleId :

PB151412BL



Tgt Ion:264 Resp: 440642

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 22.5 17.8 26.8

