

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014316.D
 Acq On : 27 Mar 2023 17:13
 Operator : CG/JU
 Sample : PB151659BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151659BL

Quant Time: Mar 28 02:09:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

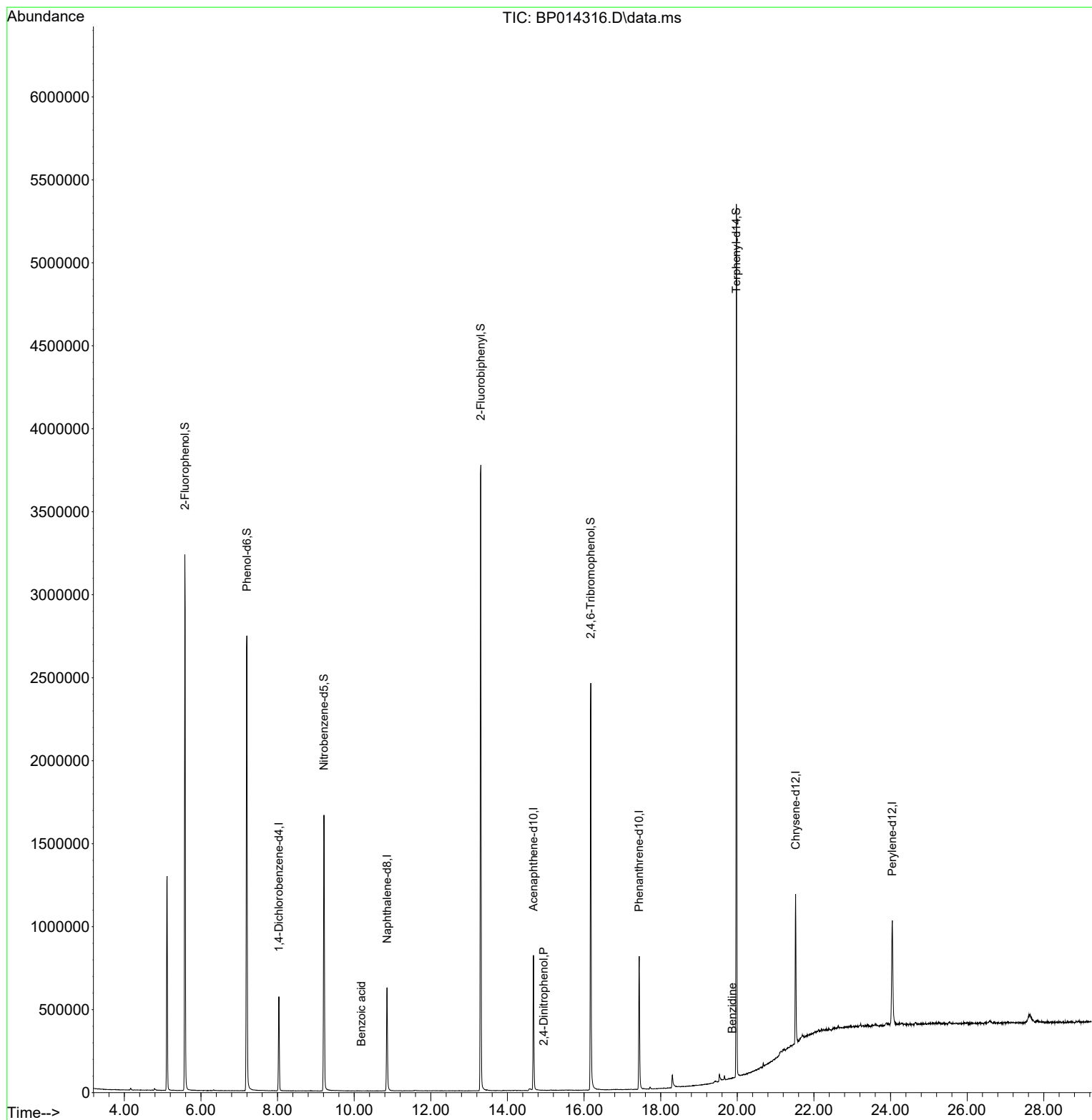
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	140054	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	493734	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	273156	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	502270	20.000	ng	# 0.00
76) Chrysene-d12	21.521	240	454428	20.000	ng	0.00
86) Perylene-d12	24.045	264	534407	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1235170	143.025	ng	0.00
7) Phenol-d6	7.199	99	1521080	134.153	ng	0.00
23) Nitrobenzene-d5	9.210	82	964721	89.306	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	463306	104.612	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	1892321	89.753	ng	0.00
79) Terphenyl-d14	19.974	244	2427179	88.073	ng	0.00
Target Compounds						
32) Benzoic acid	10.187	122	56	2.709	ng	# 1
54) 2,4-Dinitrophenol	14.945	184	23	3.085	ng	97
77) Benzidine	19.869	184	112	2.845	ng	98

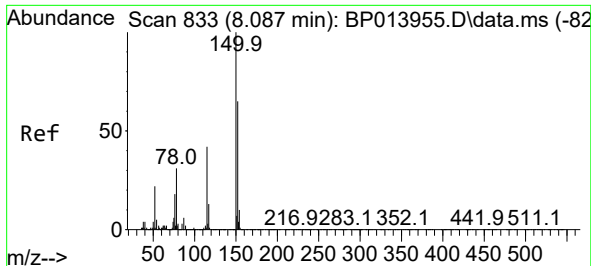
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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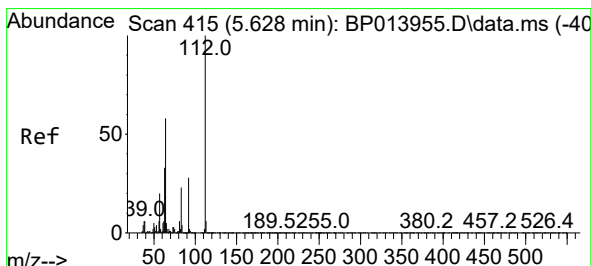
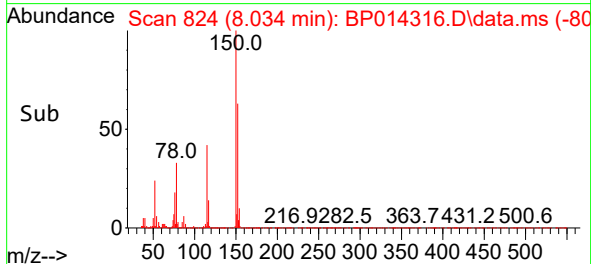
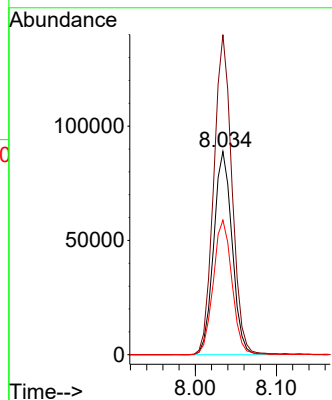
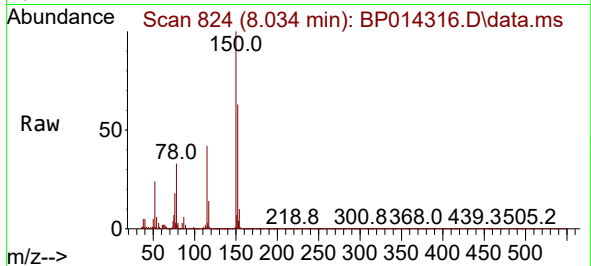




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

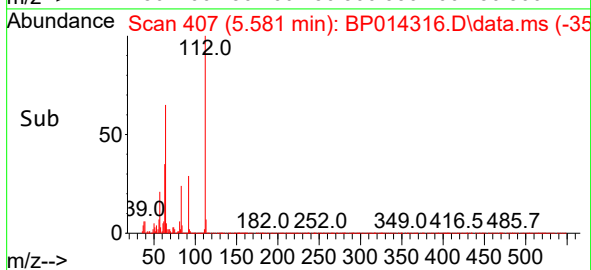
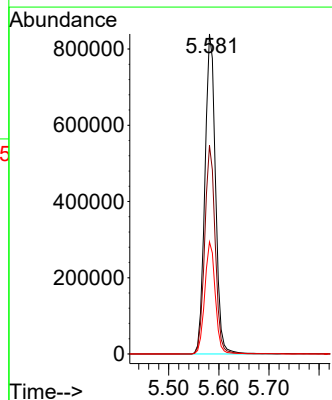
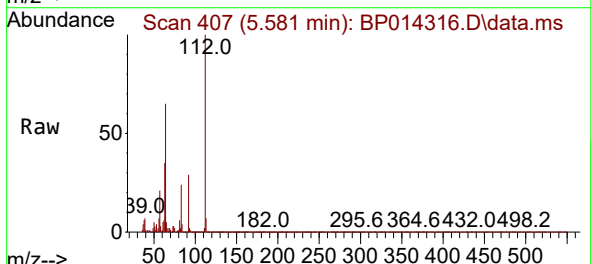
Instrument :
BNA_P
ClientSampleId :
PB151659BL

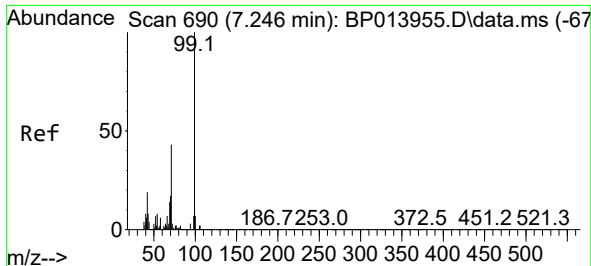
Tgt Ion:152 Resp: 140054
Ion Ratio Lower Upper
152 100
150 157.5 122.3 183.5
115 66.2 51.6 77.4



#5
2-Fluorophenol
Concen: 143.025 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

Tgt Ion:112 Resp: 1235170
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 35.0 26.6 40.0

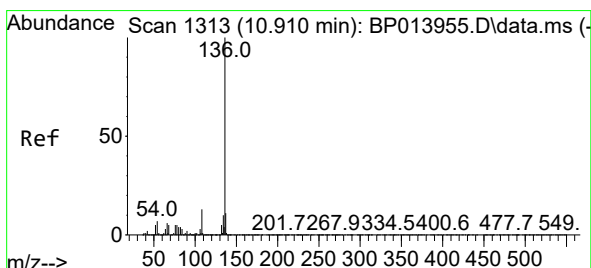
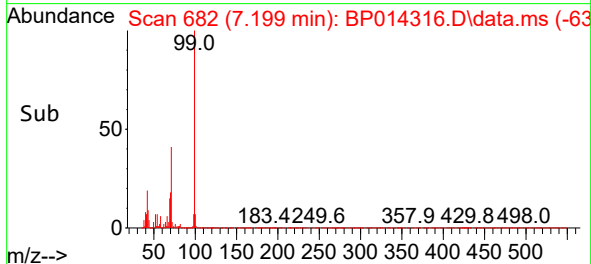
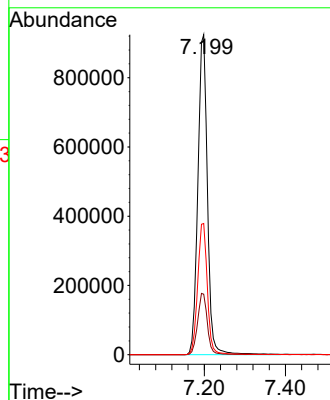
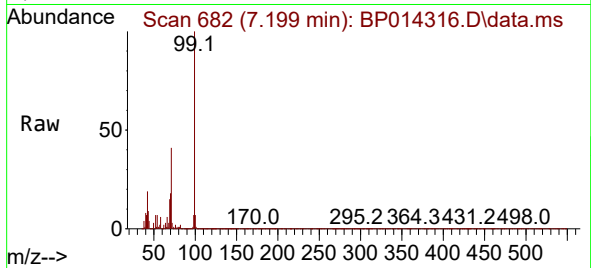




#7
Phenol-d6
Concen: 134.153 ng
RT: 7.199 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

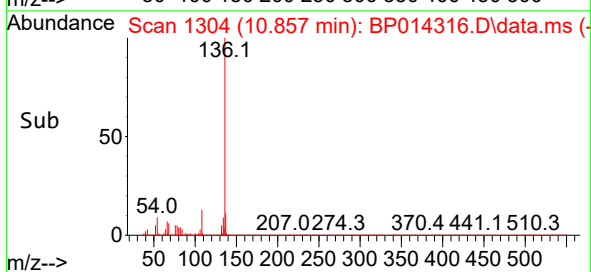
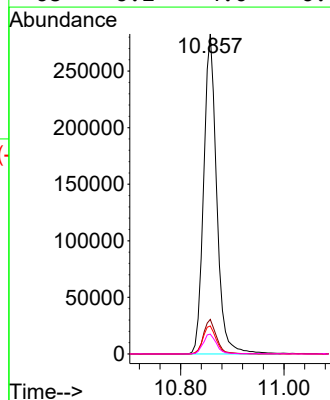
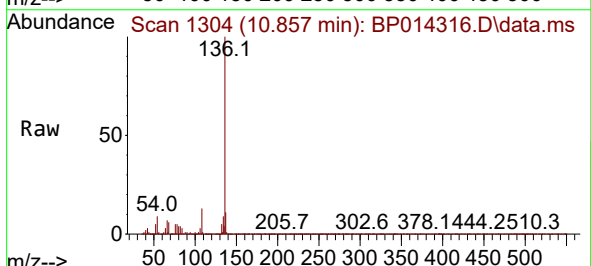
Instrument :
BNA_P
ClientSampleId :
PB151659BL

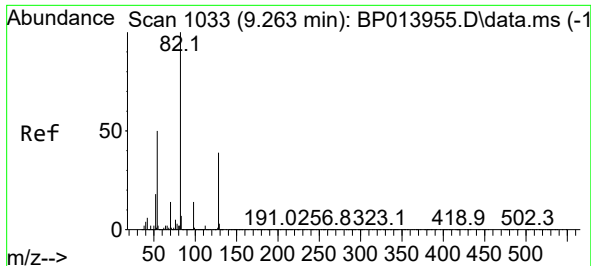
Tgt Ion: 99 Resp: 1521080
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 41.0 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.857 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

Tgt Ion: 136 Resp: 493734
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.8 5.8 8.8#
68 6.2 4.0 6.0#

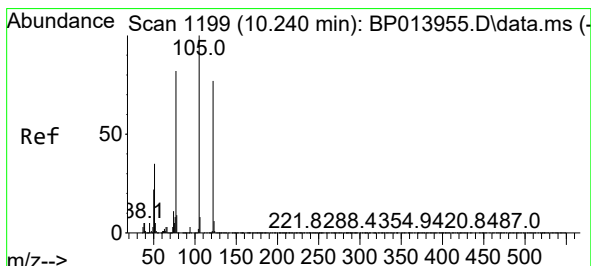
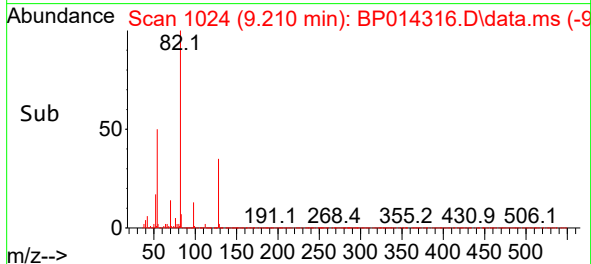
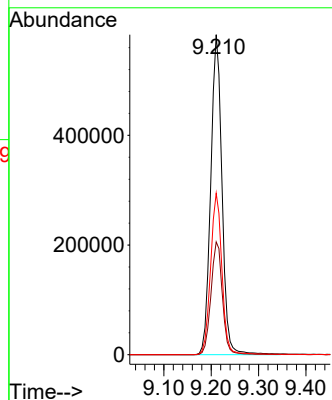
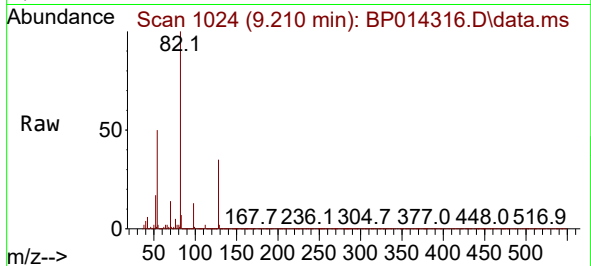




#23
Nitrobenzene-d5
Concen: 89.306 ng
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

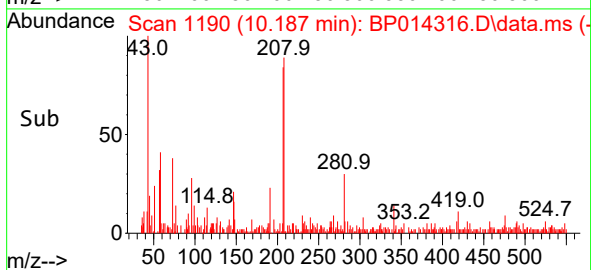
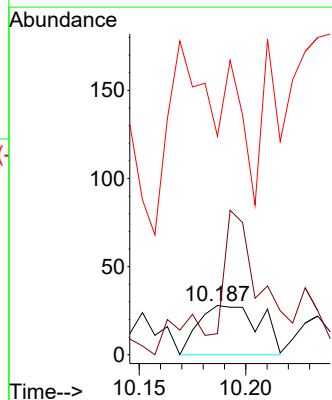
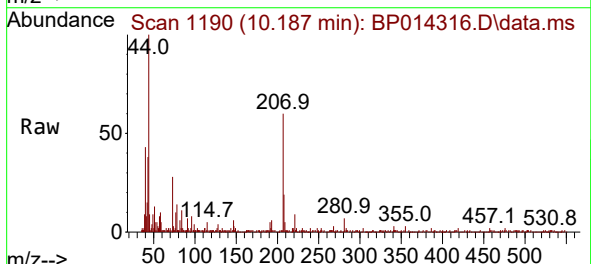
Instrument :
BNA_P
ClientSampleId :
PB151659BL

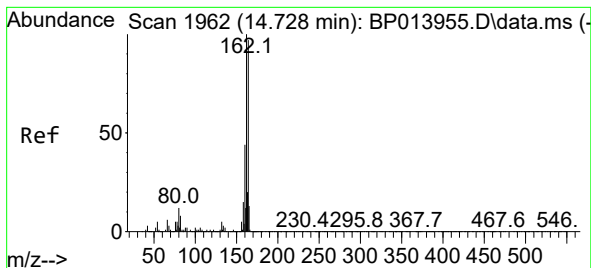
Tgt Ion: 82 Resp: 964721
Ion Ratio Lower Upper
82 100
128 35.3 31.1 46.7
54 50.4 40.0 60.0



#32
Benzoic acid
Concen: 2.709 ng
RT: 10.187 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 71.4 108.2 148.2#
77 442.9 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.681 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BP014316.D

Acq: 27 Mar 2023 17:13

Instrument :

BNA_P

ClientSampleId :

PB151659BL

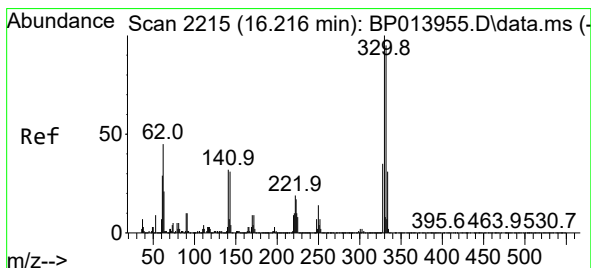
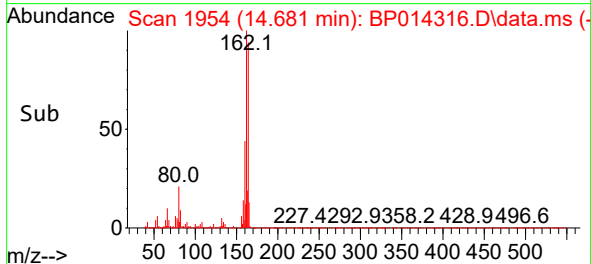
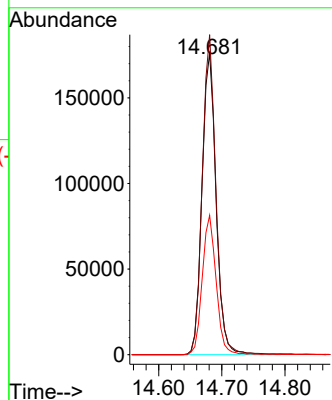
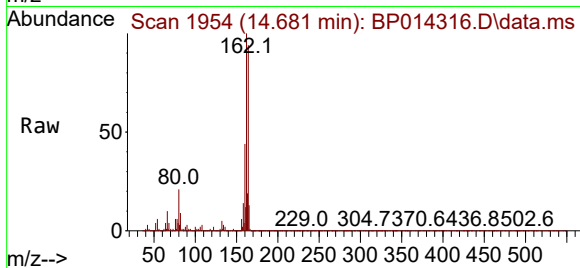
Tgt Ion:164 Resp: 273156

Ion Ratio Lower Upper

164 100

162 106.0 82.1 123.1

160 46.2 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 104.612 ng

RT: 16.175 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BP014316.D

Acq: 27 Mar 2023 17:13

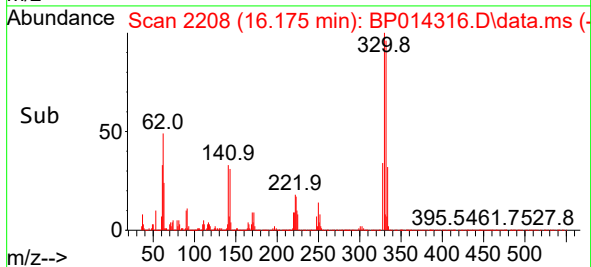
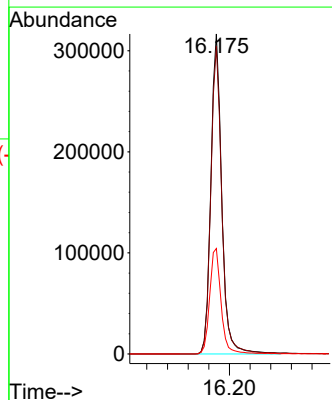
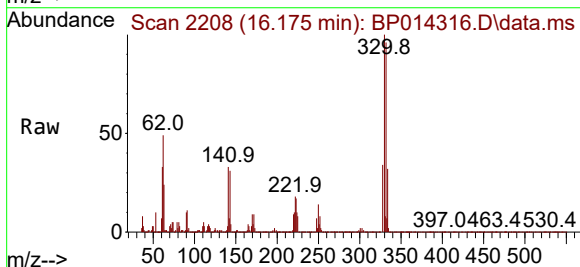
Tgt Ion:330 Resp: 463306

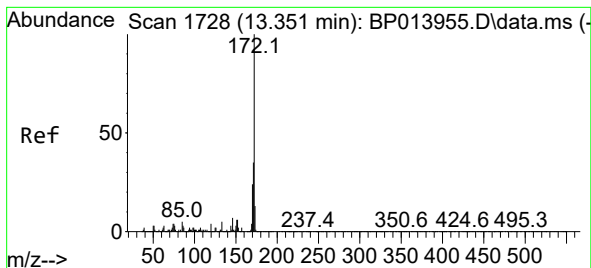
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 34.6 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 89.753 ng

RT: 13.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP014316.D

Acq: 27 Mar 2023 17:13

Instrument :

BNA_P

ClientSampleId :

PB151659BL

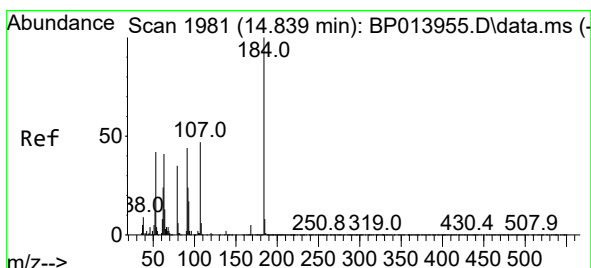
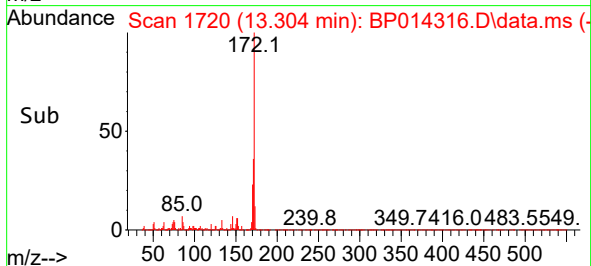
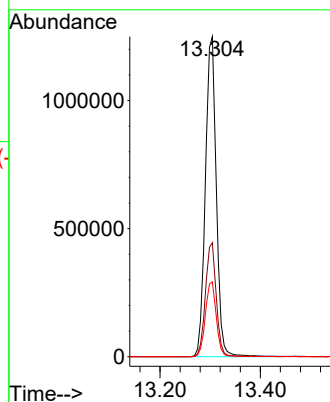
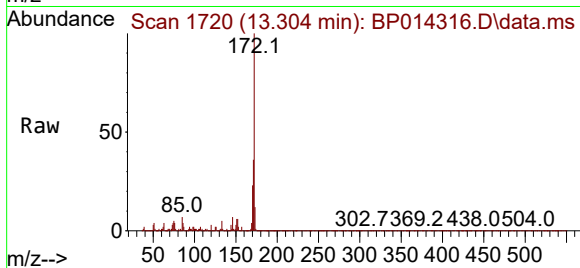
Tgt Ion:172 Resp: 1892321

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.085 ng

RT: 14.945 min Scan# 1999

Delta R.T. 0.147 min

Lab File: BP014316.D

Acq: 27 Mar 2023 17:13

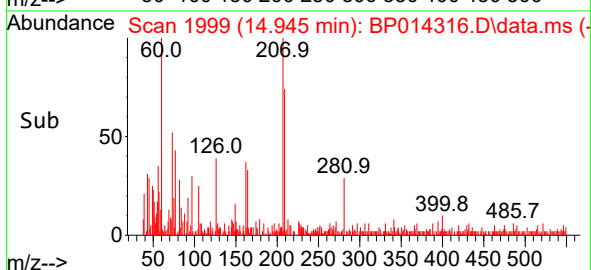
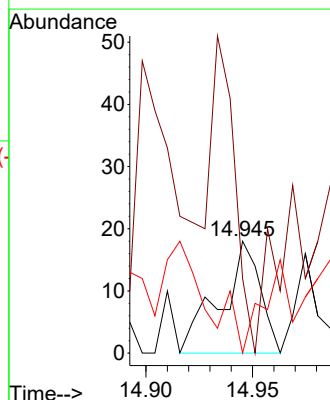
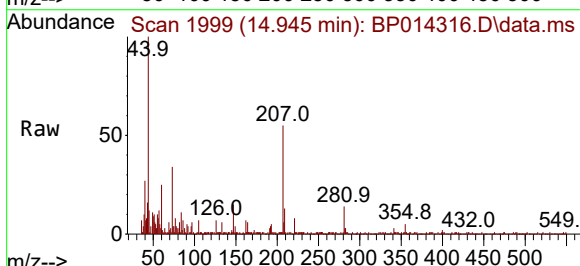
Tgt Ion:184 Resp: 23

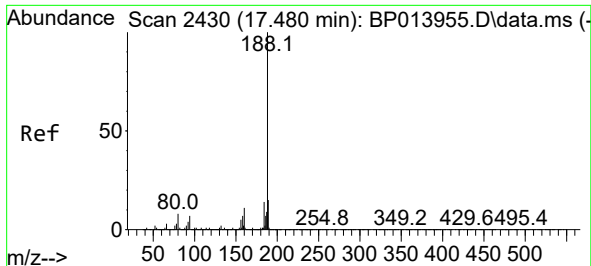
Ion Ratio Lower Upper

184 100

63 66.7 52.4 78.6

154 77.8 59.4 89.2

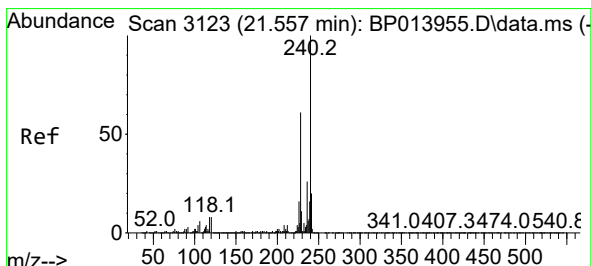
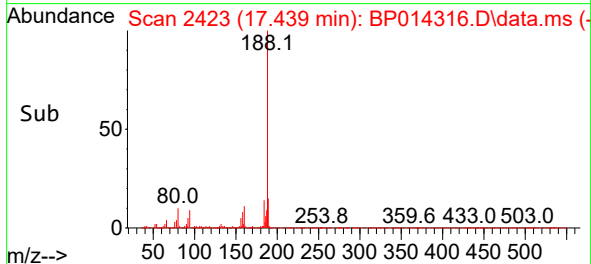
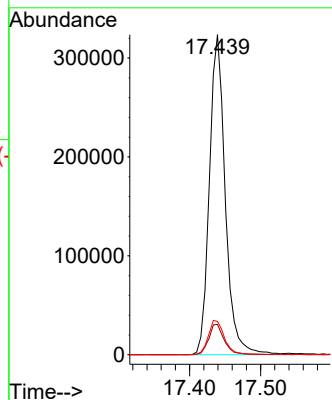
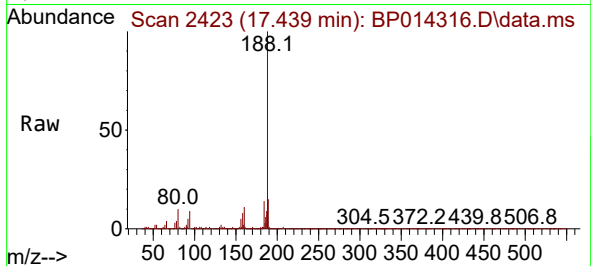




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2430
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

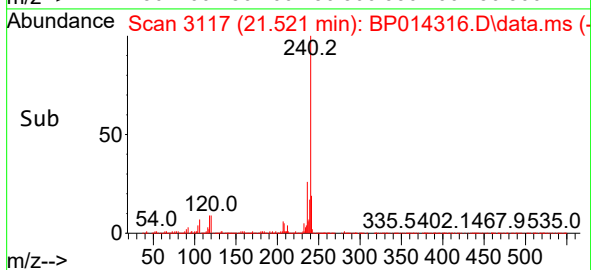
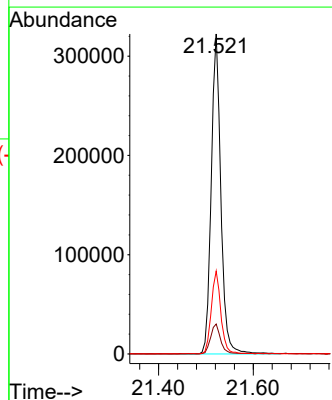
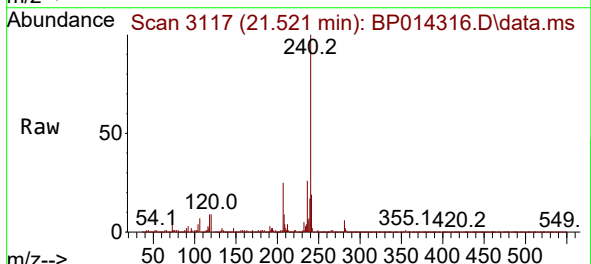
Instrument :
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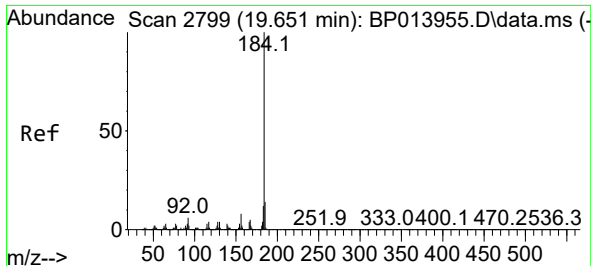
Tgt Ion:188 Resp: 502270
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.6#
80 10.4 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

Tgt Ion:240 Resp: 454428
Ion Ratio Lower Upper
240 100
120 9.3 6.4 9.6
236 25.9 21.2 31.8

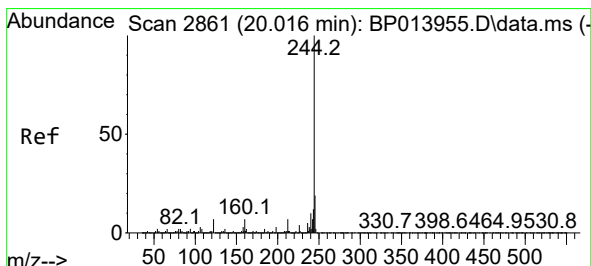
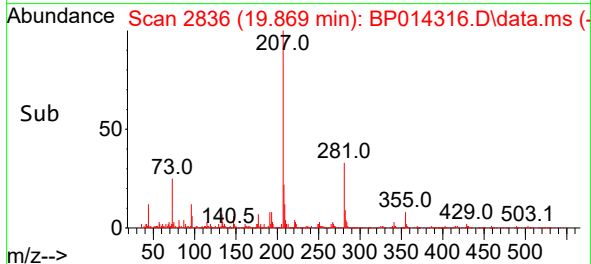
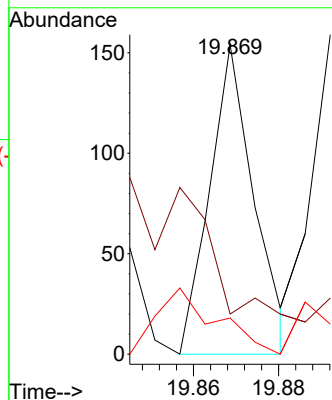
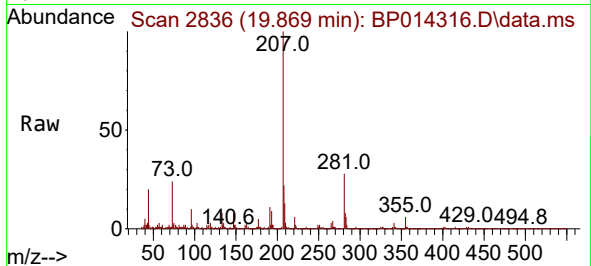




#77
Benzidine
Concen: 2.845 ng
RT: 19.869 min Scan# 2836
Delta R.T. 0.247 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

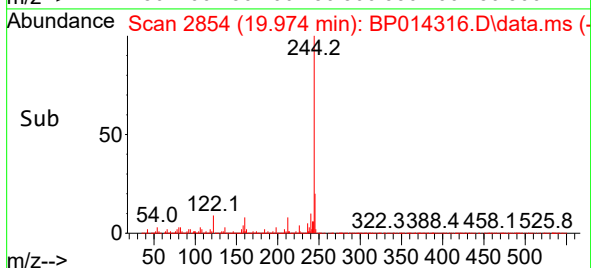
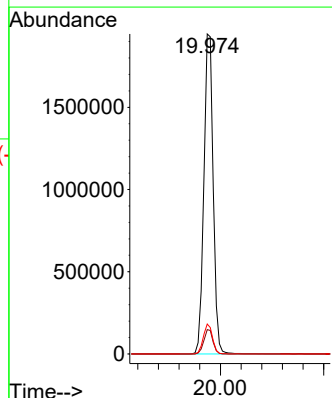
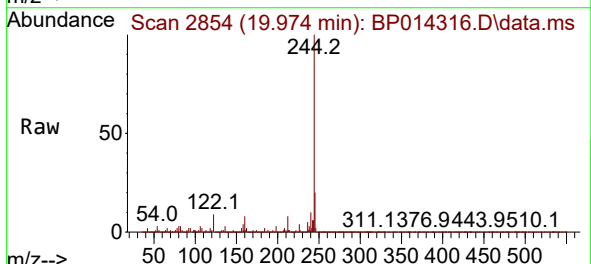
Instrument :
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PB151659BL

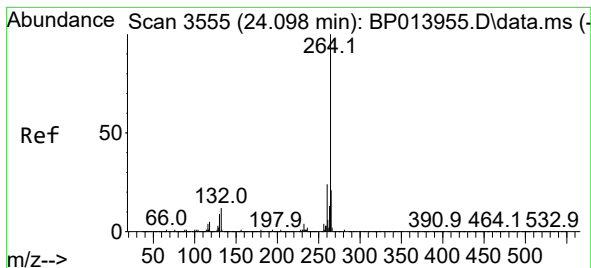
Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
185 13.0 11.6 17.4
183 11.7 9.7 14.5



#79
Terphenyl-d14
Concen: 88.073 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014316.D
Acq: 27 Mar 2023 17:13

Tgt Ion:244 Resp: 2427179
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 9.4 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.045 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP014316.D

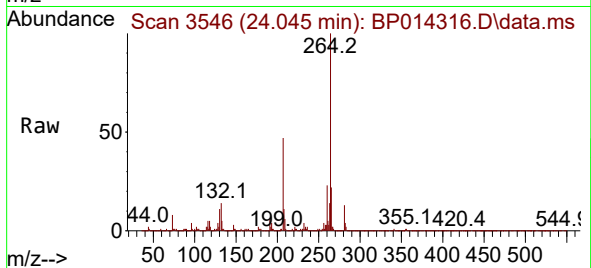
Acq: 27 Mar 2023 17:13

Instrument :

BNA_P

ClientSampleId :

PB151659BL



Tgt Ion:264 Resp: 534407

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.6 17.8 26.8

