

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014335.D
 Acq On : 28 Mar 2023 03:58
 Operator : CG/JU
 Sample : SP6171
 Misc : 8270 SURROGATE
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP6171

Quant Time: Mar 28 04:22:17 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)

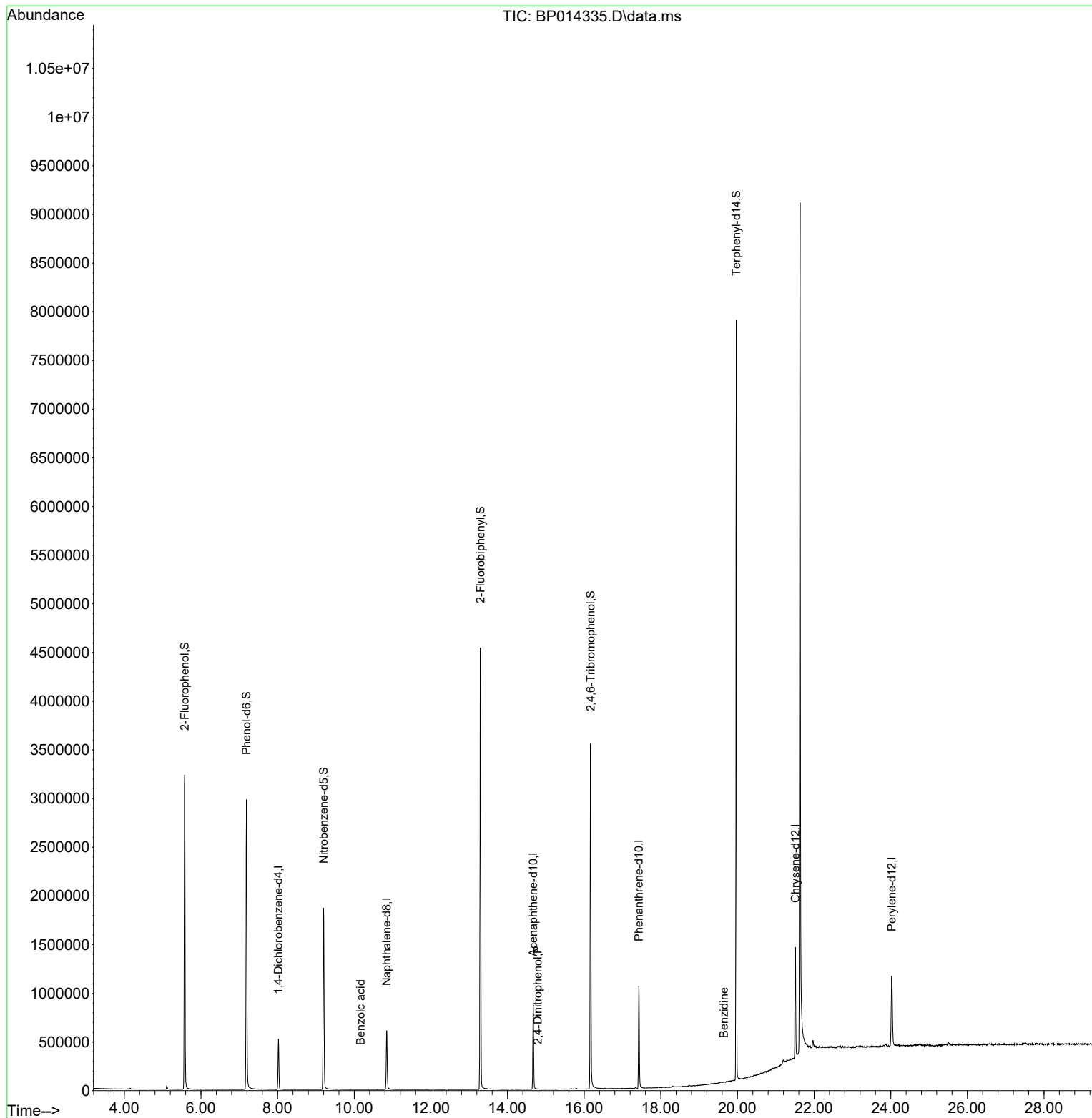
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	126179	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	486809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	299879	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	649119	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	567798	20.000	ng	0.00
86) Perylene-d12	24.027	264	606613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1291713	166.020	ng	0.00
7) Phenol-d6	7.187	99	1661937	162.693	ng	0.00
23) Nitrobenzene-d5	9.199	82	1100595	103.333	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	675313	138.893	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	2254353	97.396	ng	0.00
79) Terphenyl-d14	19.969	244	3475730	100.939	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.163	122	38	2.707	ng	# 1
54) 2,4-Dinitrophenol	14.787	184	18	3.083	ng	# 1
77) Benzidine	19.645	184	137	2.845	ng	# 1

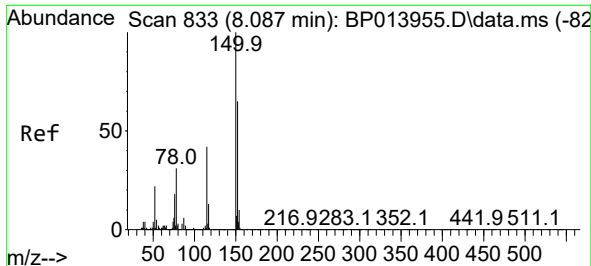
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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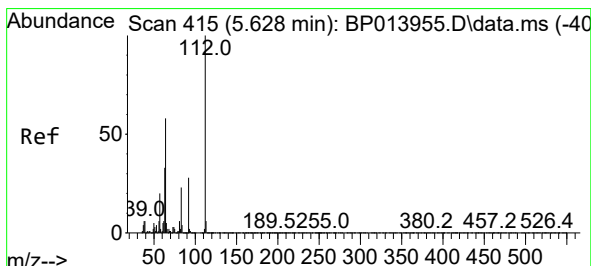
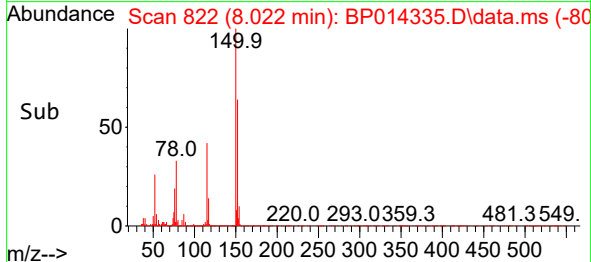
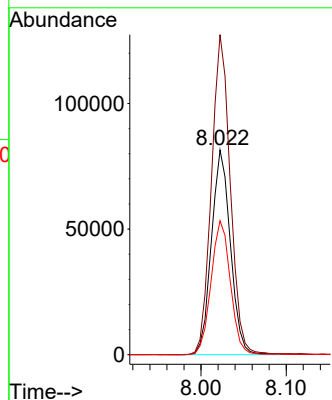
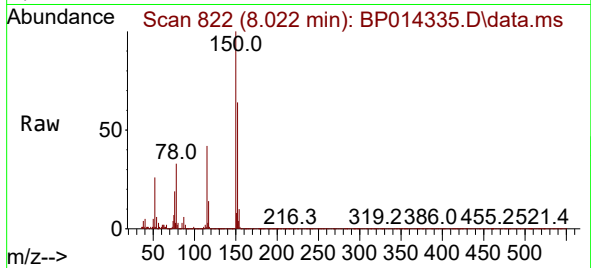




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

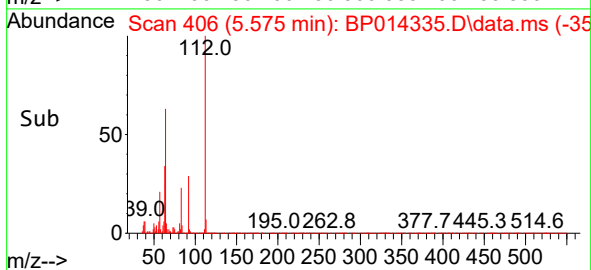
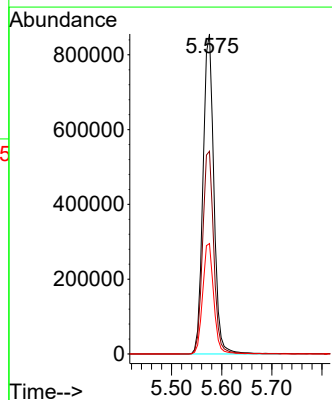
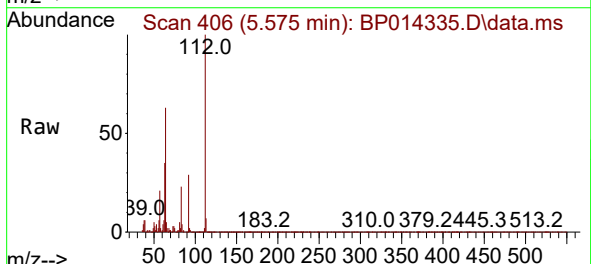
Instrument :
BNA_P
ClientSampleId :
SP6171

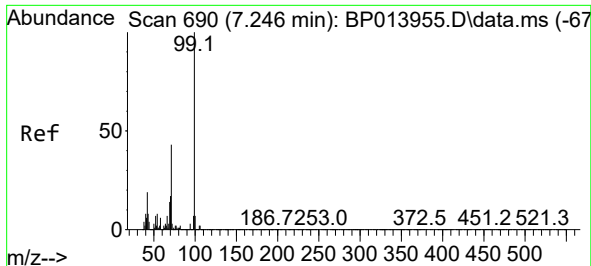
Tgt Ion:152 Resp: 126179
Ion Ratio Lower Upper
152 100
150 156.4 122.3 183.5
115 65.5 51.6 77.4



#5
2-Fluorophenol
Concen: 166.020 ng
RT: 5.575 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion:112 Resp: 1291713
Ion Ratio Lower Upper
112 100
64 63.4 46.7 70.1
63 34.5 26.6 40.0

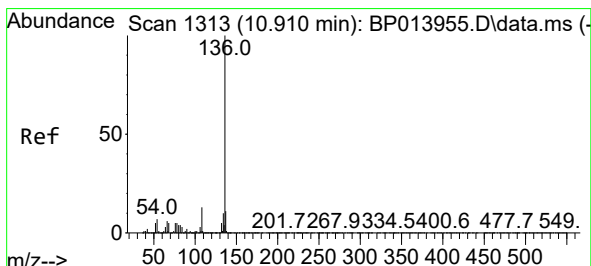
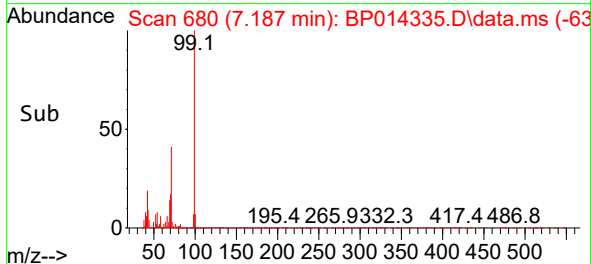
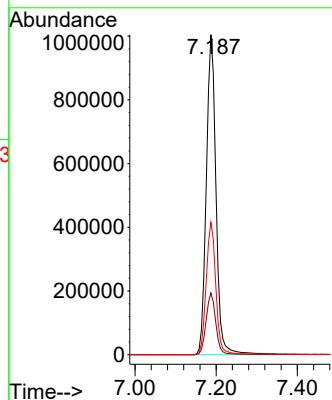
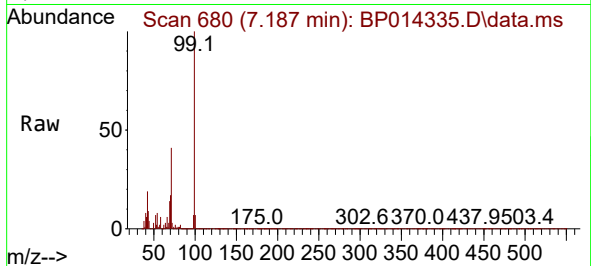




#7
Phenol-d6
Concen: 162.693 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

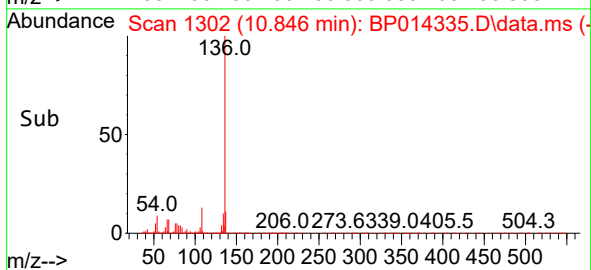
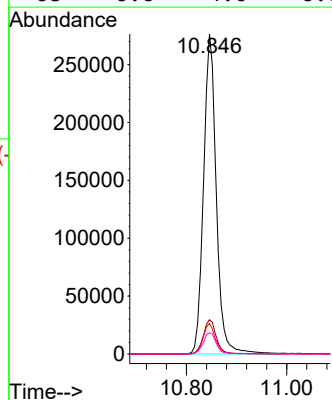
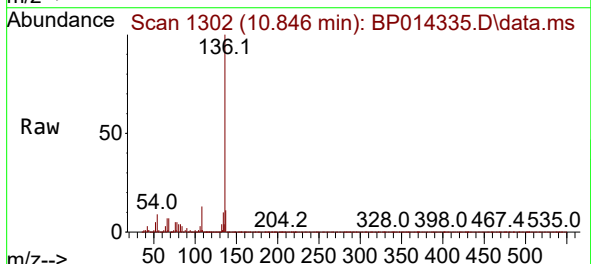
Instrument :
BNA_P
ClientSampleId :
SP6171

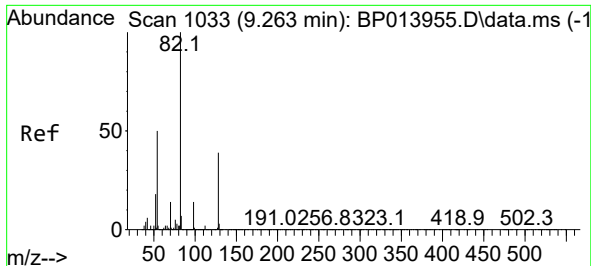
Tgt Ion: 99 Resp: 1661937
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.6
71 41.3 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion:136 Resp: 486809
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.5 5.8 8.8#
68 6.6 4.0 6.0#

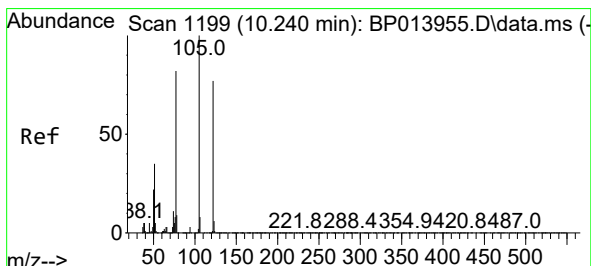
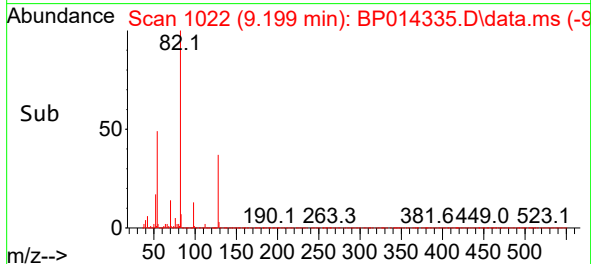
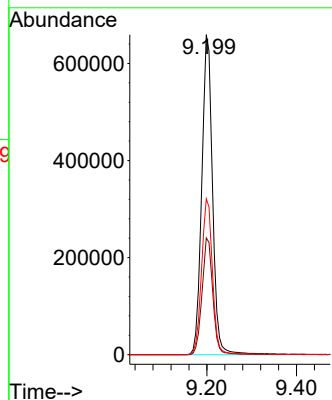
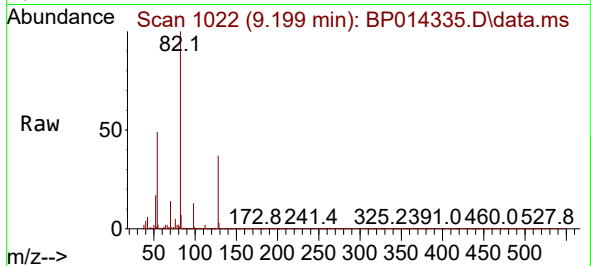




#23
Nitrobenzene-d5
Concen: 103.333 ng
RT: 9.199 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

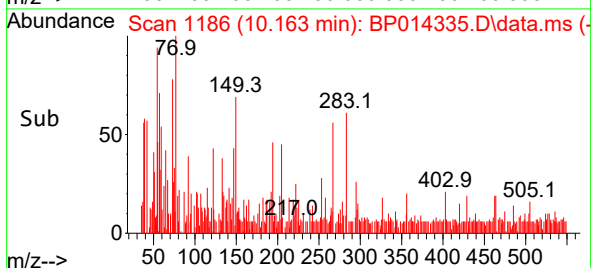
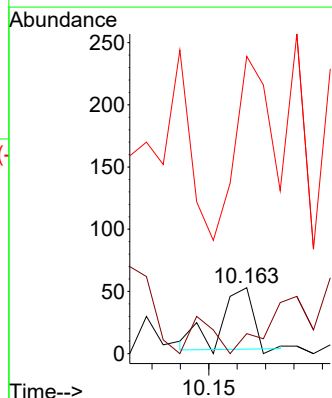
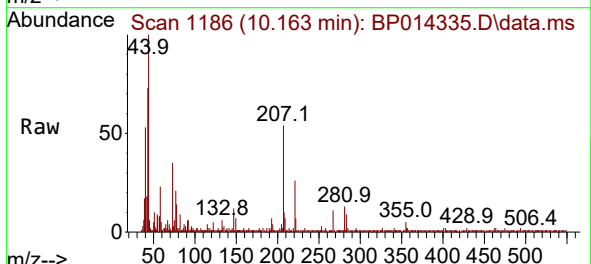
Instrument :
BNA_P
ClientSampleId :
SP6171

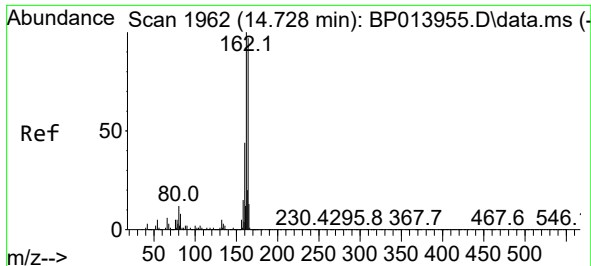
Tgt Ion: 82 Resp: 1100595
Ion Ratio Lower Upper
82 100
128 36.5 31.1 46.7
54 48.7 40.0 60.0



#32
Benzoic acid
Concen: 2.707 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.018 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion: 122 Resp: 38
Ion Ratio Lower Upper
122 100
105 24.2 108.2 148.2#
77 362.1 85.2 125.2#

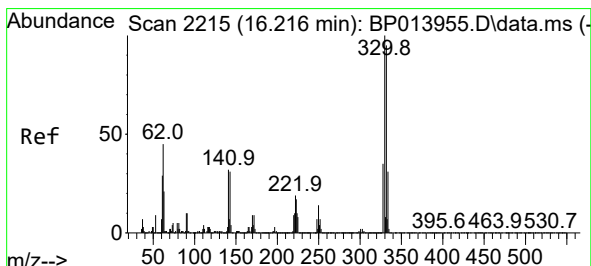
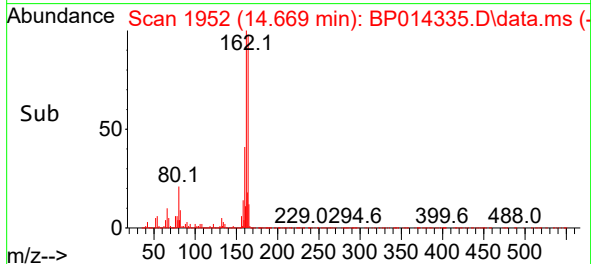
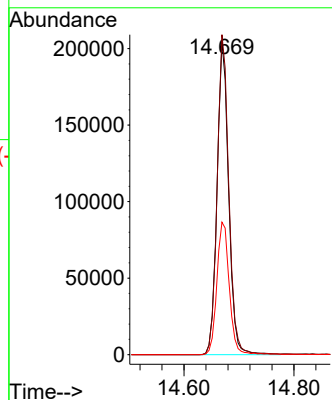
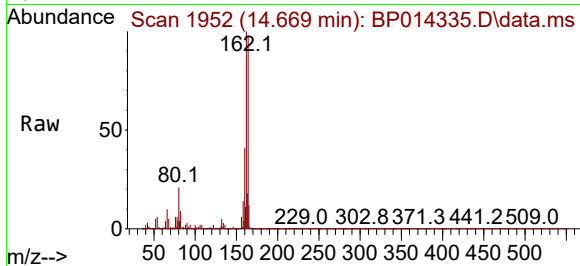




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

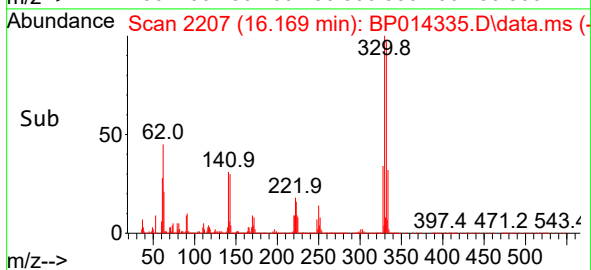
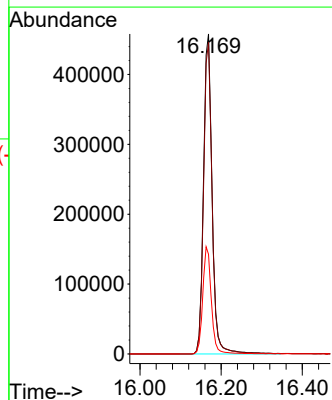
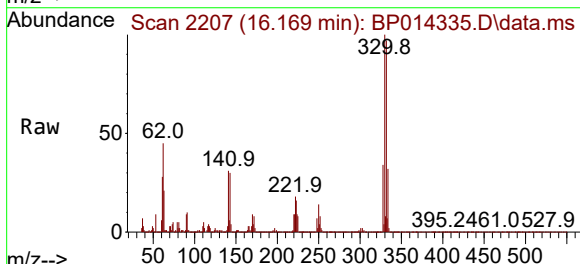
Instrument :
BNA_P
ClientSampleId :
SP6171

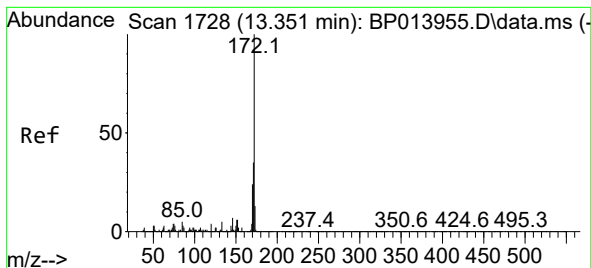
Tgt Ion:164 Resp: 299879
Ion Ratio Lower Upper
164 100
162 102.1 82.1 123.1
160 42.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 138.893 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion:330 Resp: 675313
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 33.6 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 97.396 ng

RT: 13.293 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

Instrument :

BNA_P

ClientSampleId :

SP6171

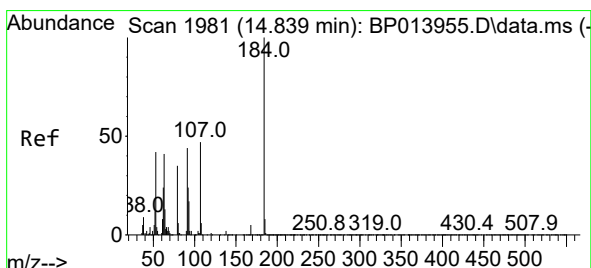
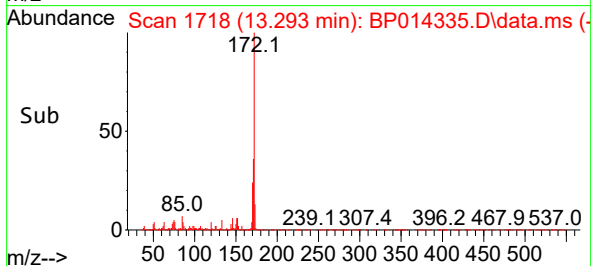
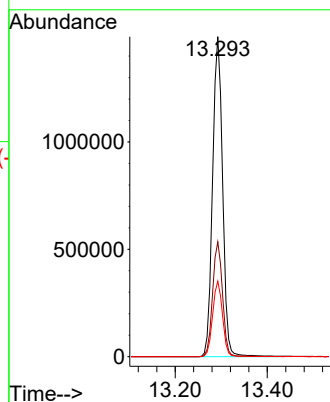
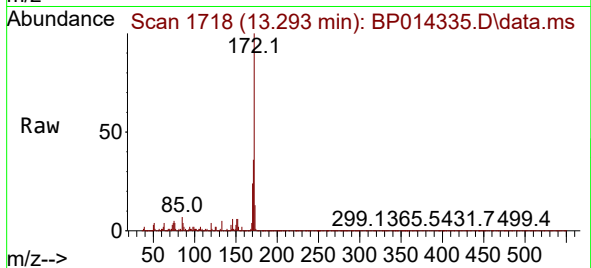
Tgt Ion:172 Resp: 2254353

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.6 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.083 ng

RT: 14.787 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

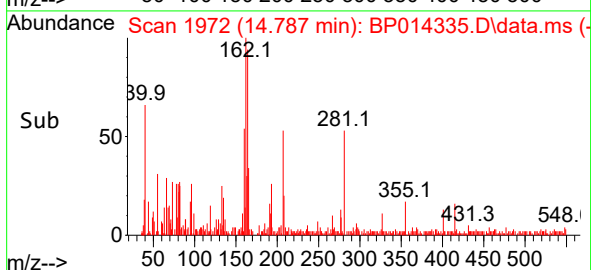
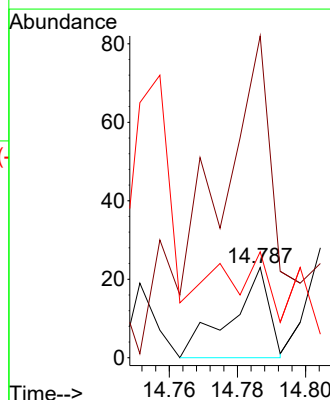
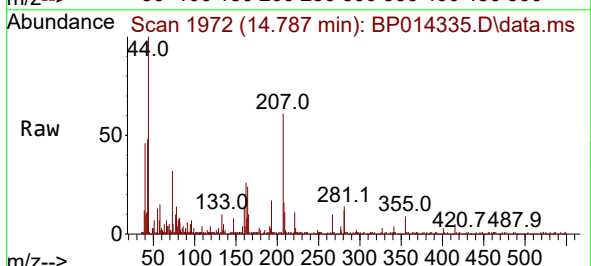
Tgt Ion:184 Resp: 18

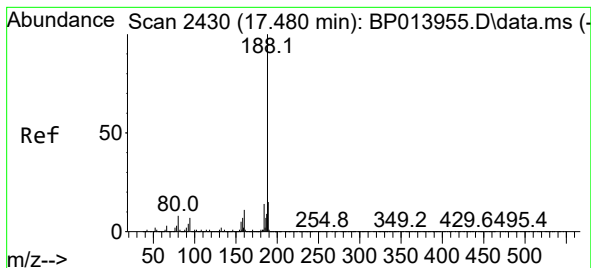
Ion Ratio Lower Upper

184 100

63 356.5 52.4 78.6#

154 117.4 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

Instrument :

BNA_P

ClientSampleId :

SP6171

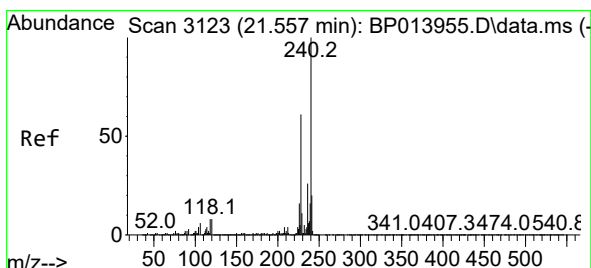
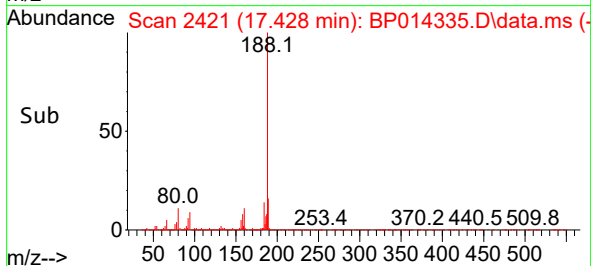
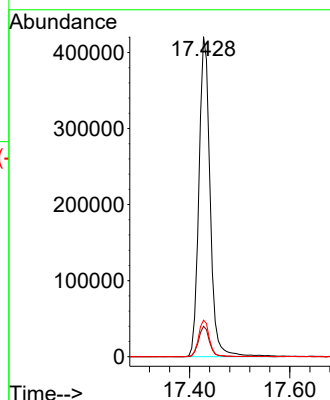
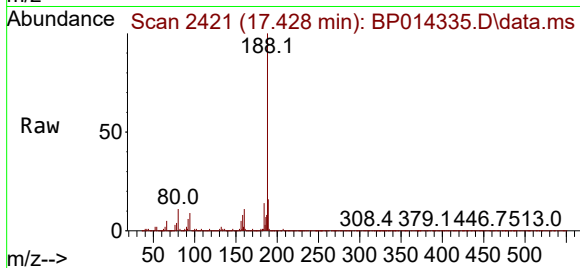
Tgt Ion:188 Resp: 649119

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.6#

80 11.4 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

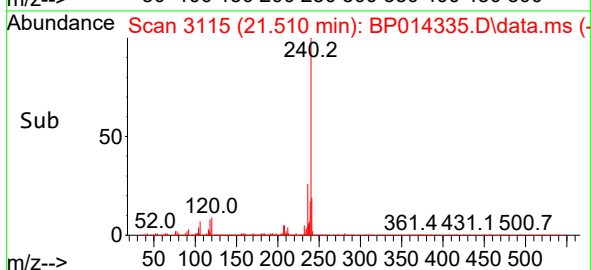
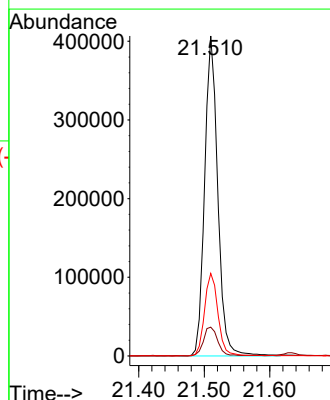
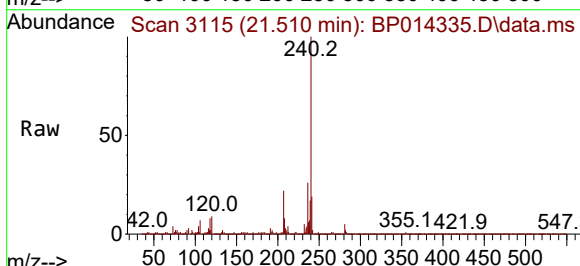
Tgt Ion:240 Resp: 567798

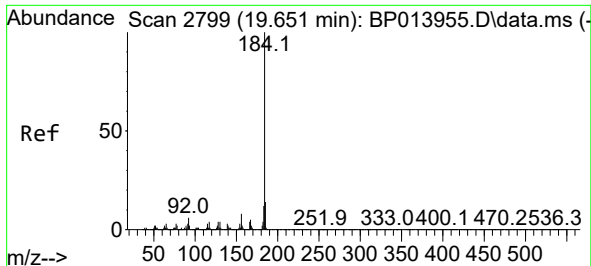
Ion Ratio Lower Upper

240 100

120 9.0 6.4 9.6

236 25.8 21.2 31.8

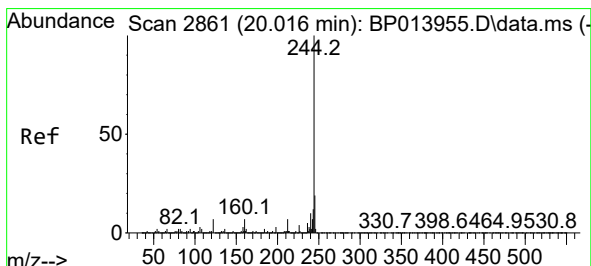
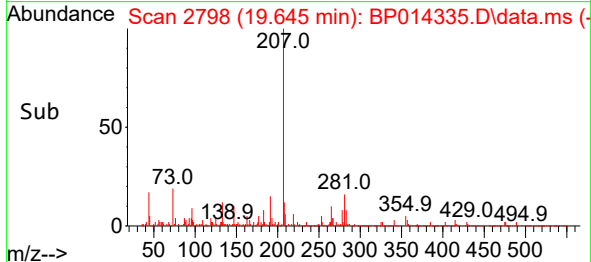
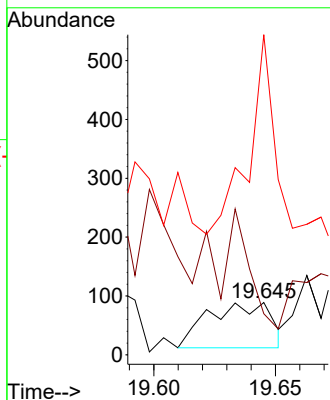
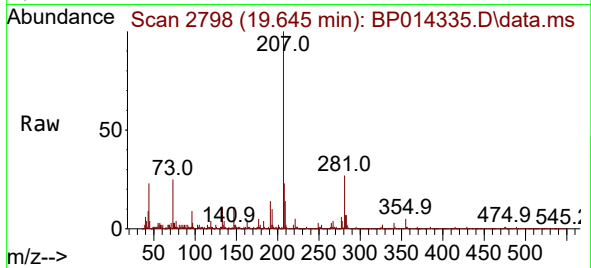




#77
Benzidine
Concen: 2.845 ng
RT: 19.645 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

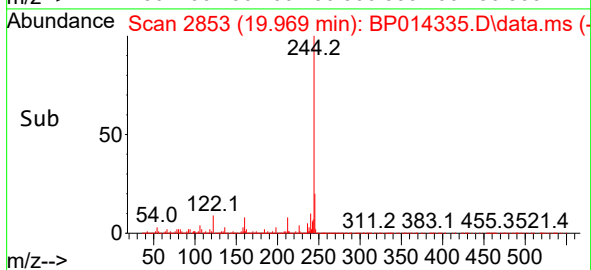
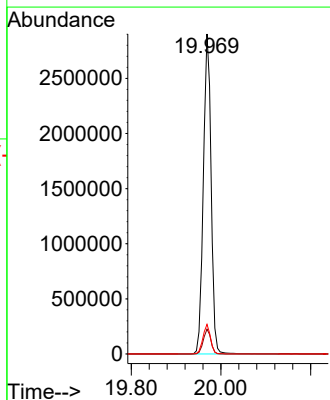
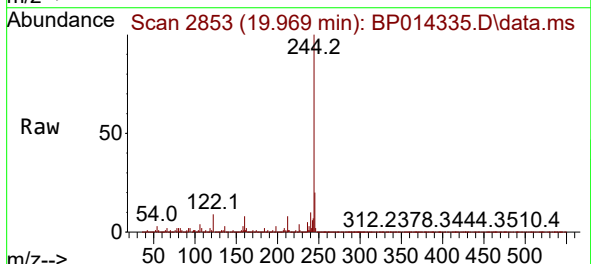
Instrument :
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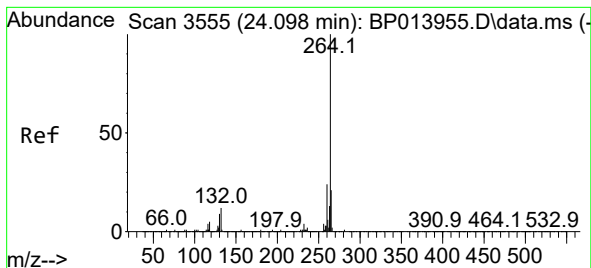
Tgt Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
185 78.7 11.6 17.4#
183 611.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 100.939 ng
RT: 19.969 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion:244 Resp: 3475730
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 9.3 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014335.D

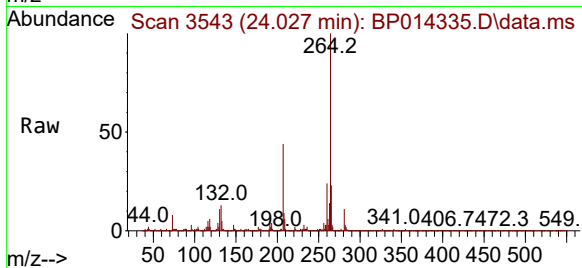
Acq: 28 Mar 2023 03:58

Instrument :

BNA_P

ClientSampleId :

SP6171



Tgt Ion:264 Resp: 606613

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.9 17.8 26.8

