

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014313.D
 Acq On : 25 Mar 2023 05:14
 Operator : CG/JU
 Sample : 02021-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JPP-46B-032023

Quant Time: Mar 25 06:02:53 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)

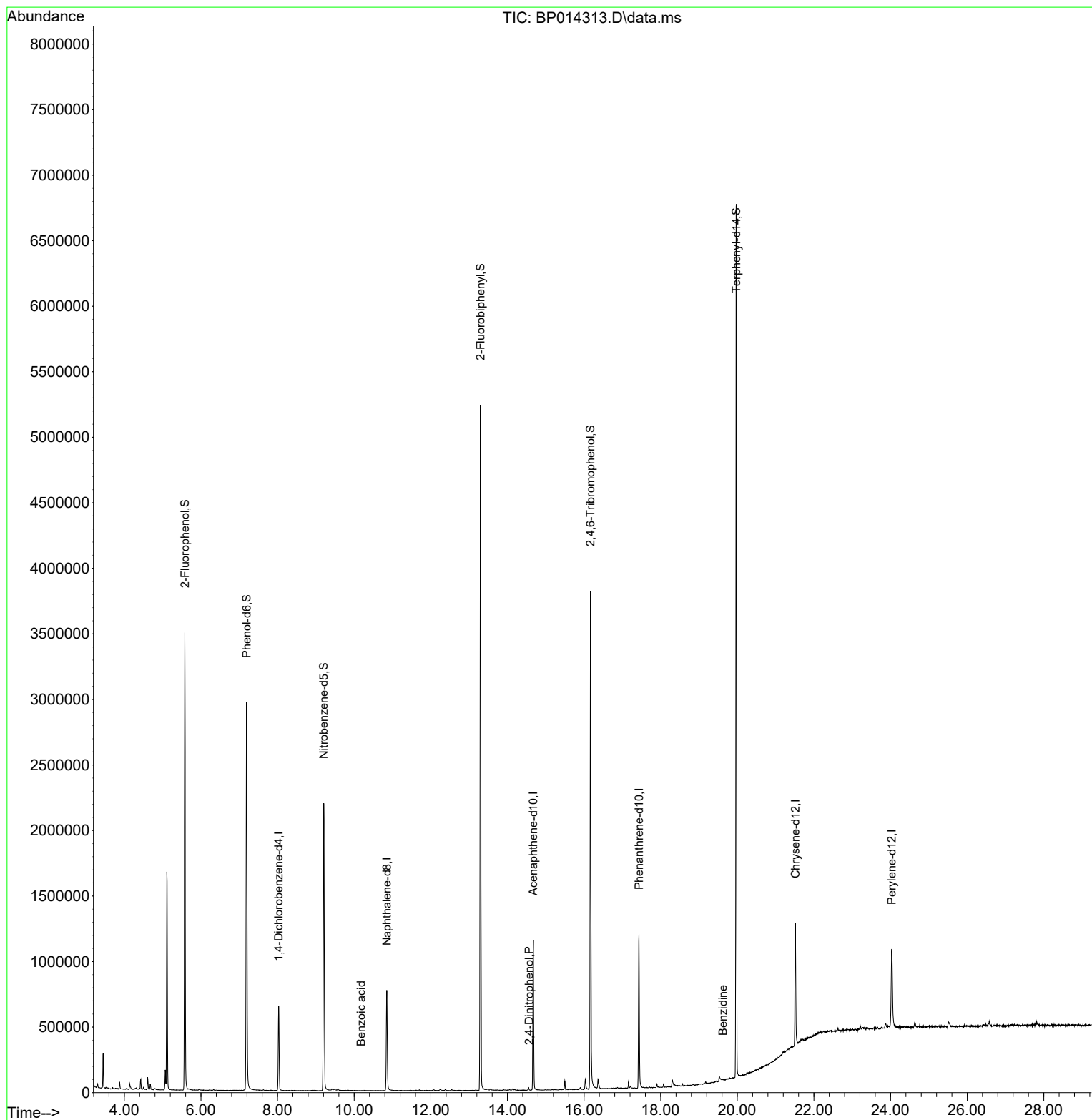
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	165618	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	626751	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	376346	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	736447	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	495009	20.000	ng	0.00
86) Perylene-d12	24.033	264	522924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1356961	132.874	ng	0.00
7) Phenol-d6	7.193	99	1653570	123.327	ng	0.00
23) Nitrobenzene-d5	9.204	82	1303097	95.028	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	727391	119.207	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2602492	89.591	ng	0.00
79) Terphenyl-d14	19.974	244	3163750	105.389	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.181	122	14	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.563	184	17	3.082	ng	96
77) Benzidine	19.627	184	57	2.840	ng	# 1

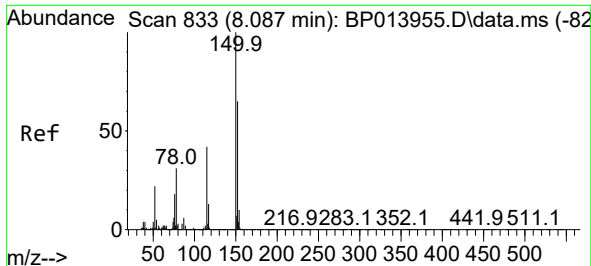
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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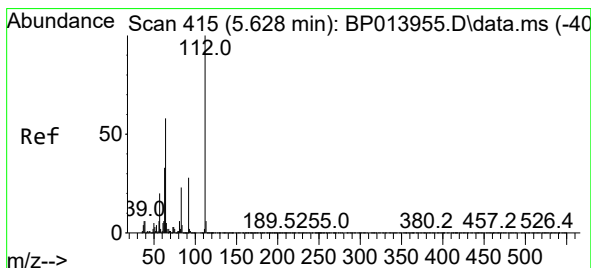
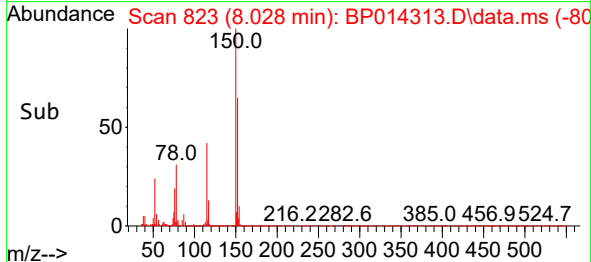
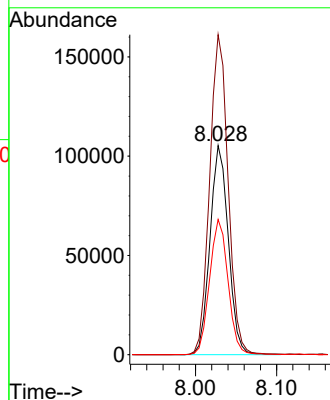
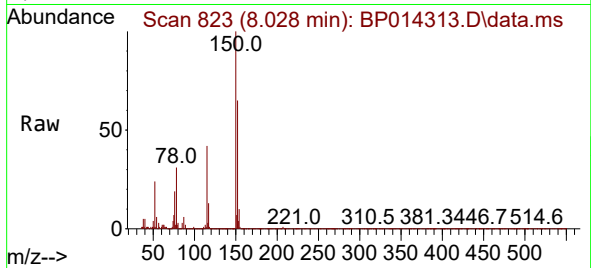




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

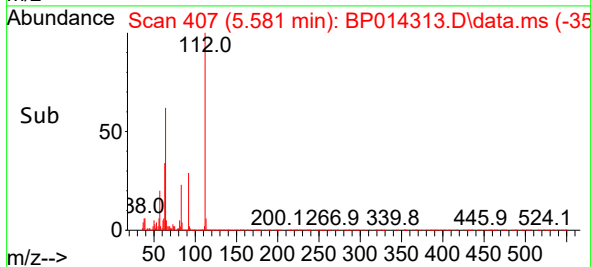
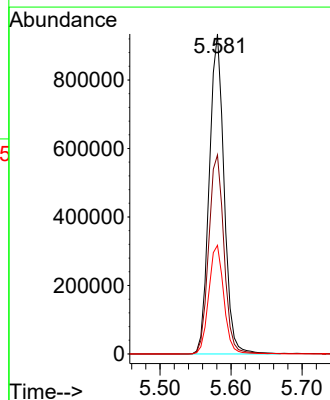
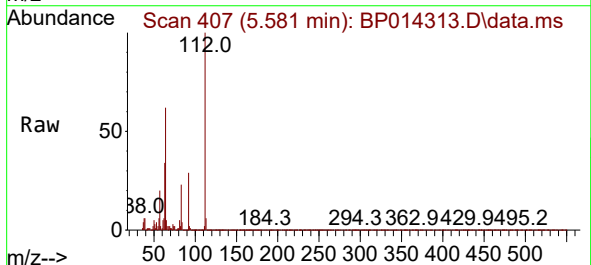
Instrument :
BNA_P
ClientSampleId :
JPP-46B-032023

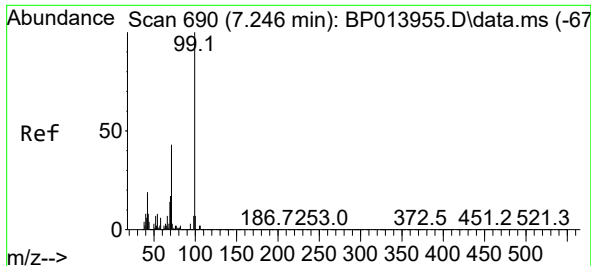
Tgt Ion:152 Resp: 165618
Ion Ratio Lower Upper
152 100
150 153.0 122.3 183.5
115 64.7 51.6 77.4



#5
2-Fluorophenol
Concen: 132.874 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

Tgt Ion:112 Resp: 1356961
Ion Ratio Lower Upper
112 100
64 62.2 46.7 70.1
63 34.0 26.6 40.0

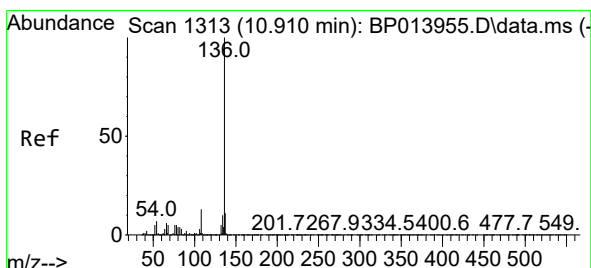
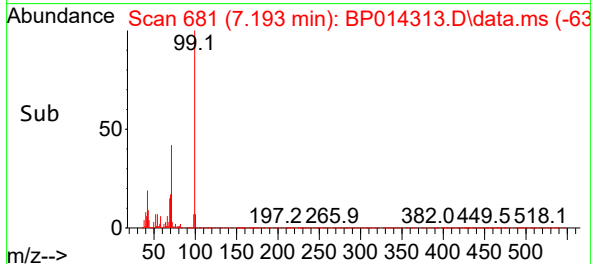
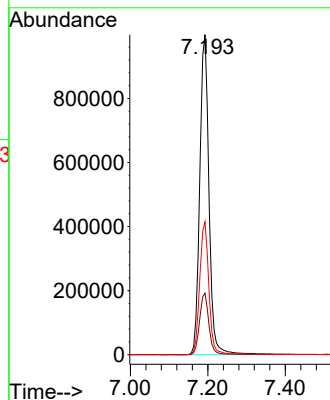
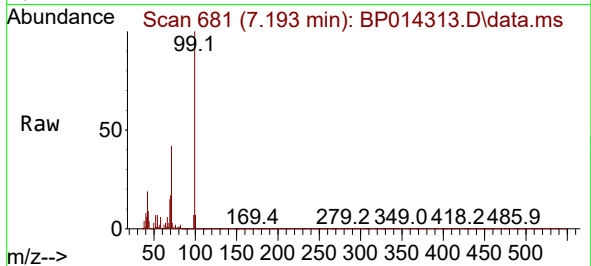




#7
Phenol-d6
Concen: 123.327 ng
RT: 7.193 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

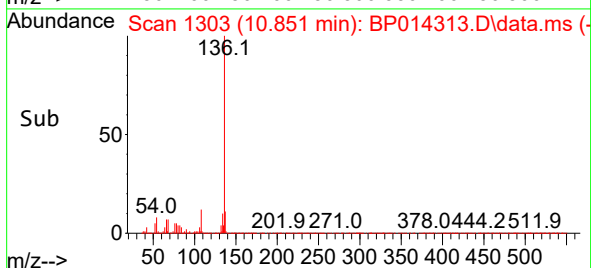
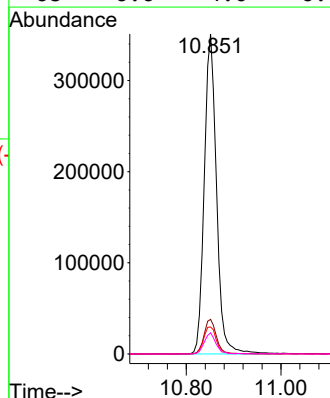
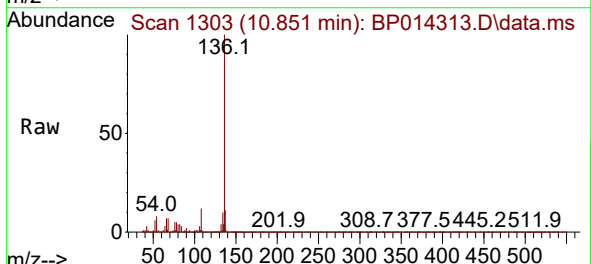
Instrument :
BNA_P
ClientSampleId :
JPP-46B-032023

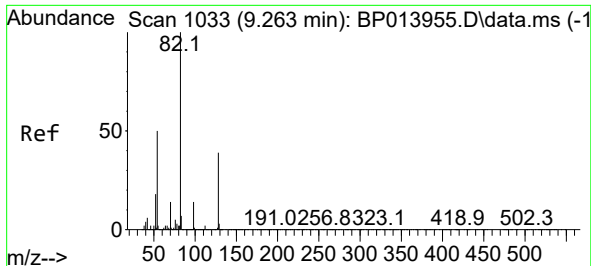
Tgt Ion: 99 Resp: 1653570
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.6
71 41.6 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

Tgt Ion:136 Resp: 626751
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.5 5.8 8.8
68 6.6 4.0 6.0#

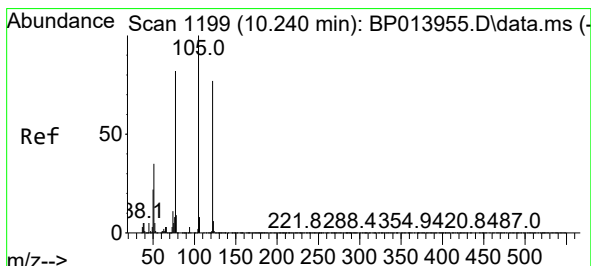
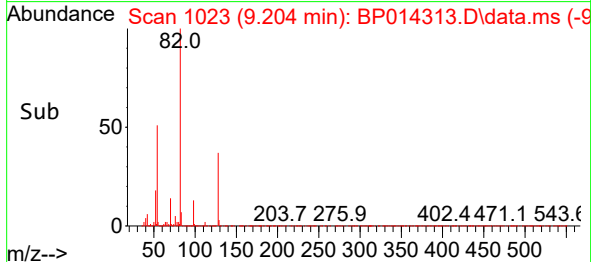
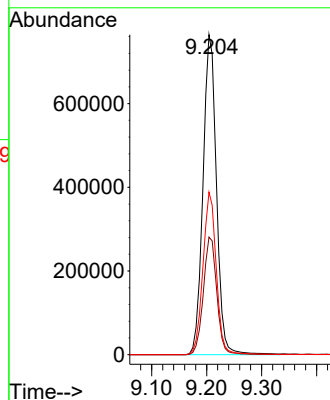
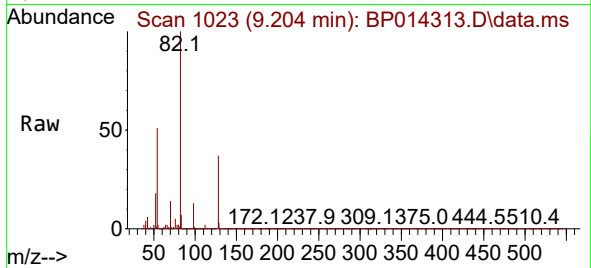




#23
Nitrobenzene-d5
Concen: 95.028 ng
RT: 9.204 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

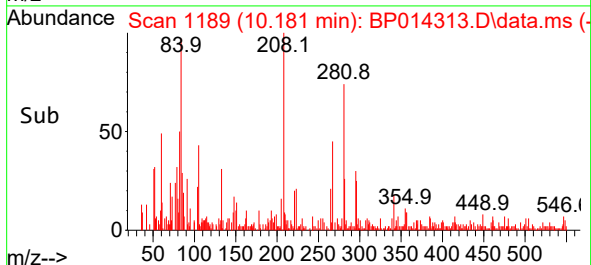
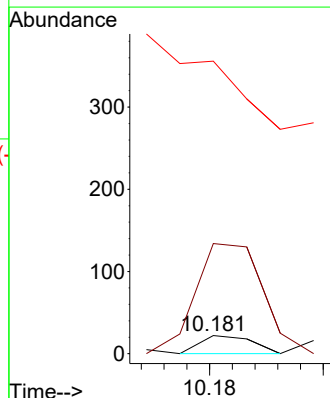
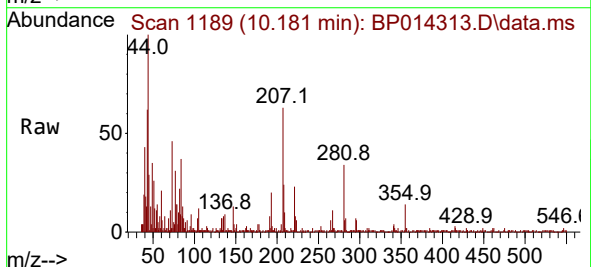
Instrument :
BNA_P
ClientSampleId :
JPP-46B-032023

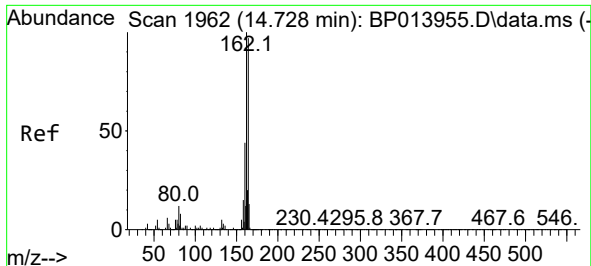
Tgt Ion: 82 Resp: 1303097
Ion Ratio Lower Upper
82 100
128 36.8 31.1 46.7
54 50.8 40.0 60.0



#32
Benzoic acid
Concen: 2.703 ng
RT: 10.181 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

Tgt Ion:122 Resp: 14
Ion Ratio Lower Upper
122 100
105 609.1 108.2 148.2#
77 1618.2 85.2 125.2#

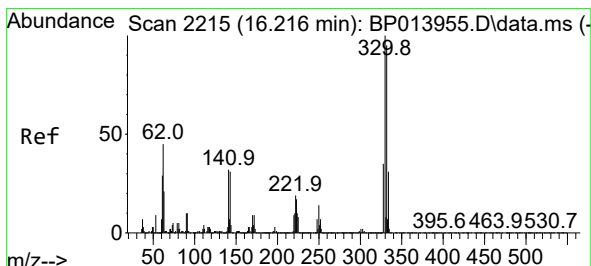
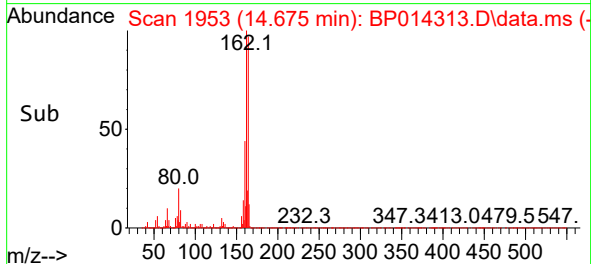
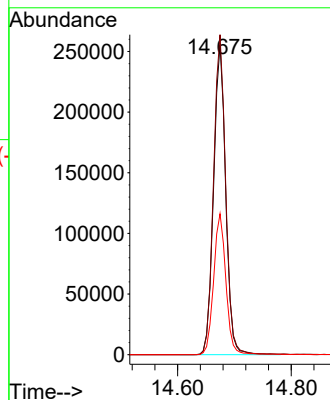
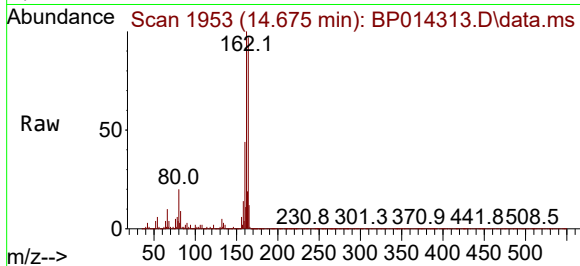




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

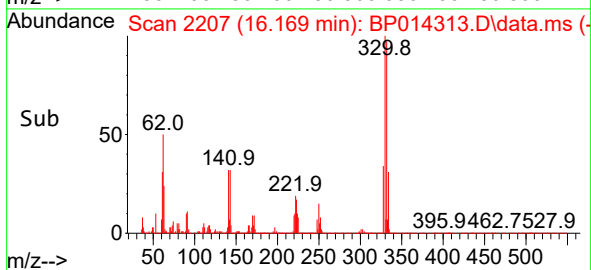
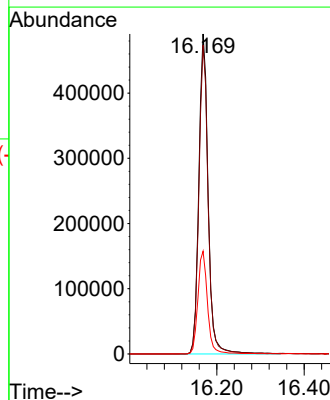
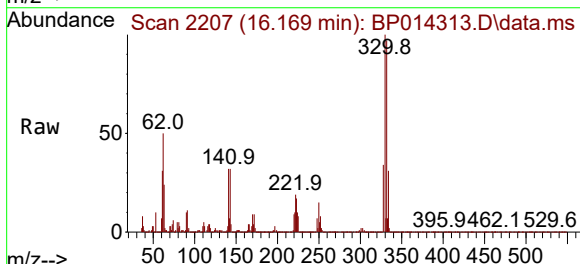
Instrument :
BNA_P
ClientSampleId :
JPP-46B-032023

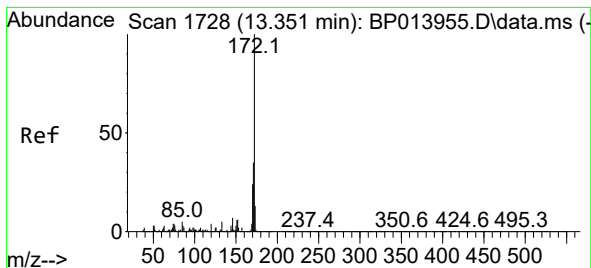
Tgt Ion:164 Resp: 376346
Ion Ratio Lower Upper
164 100
162 103.2 82.1 123.1
160 45.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 119.207 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

Tgt Ion:330 Resp: 727391
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 33.3 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 89.591 ng

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014313.D

Acq: 25 Mar 2023 05:14

Instrument :

BNA_P

ClientSampleId :

JPP-46B-032023

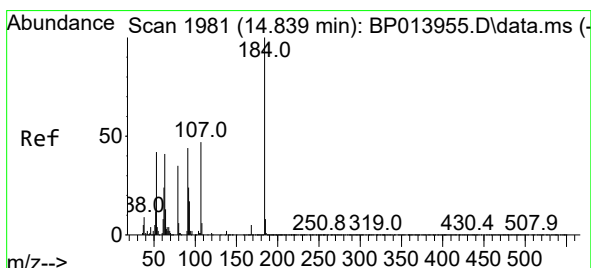
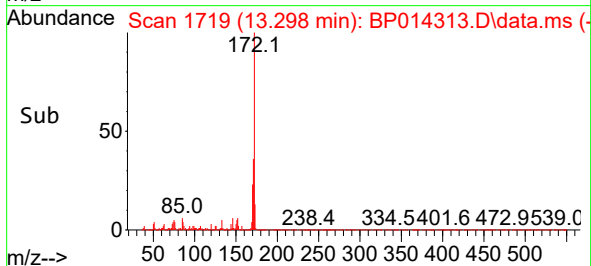
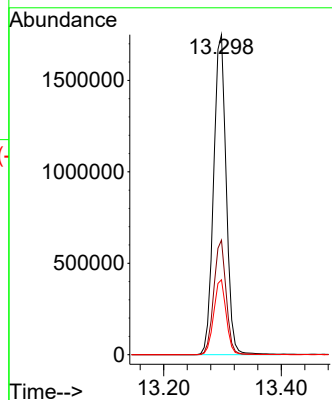
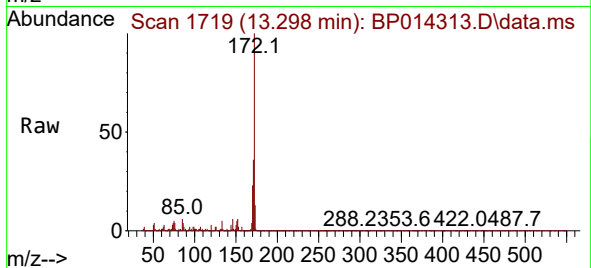
Tgt Ion:172 Resp: 2602492

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.082 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.236 min

Lab File: BP014313.D

Acq: 25 Mar 2023 05:14

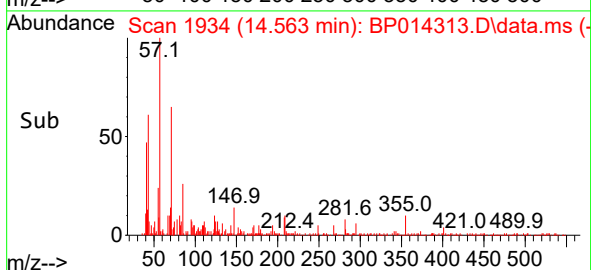
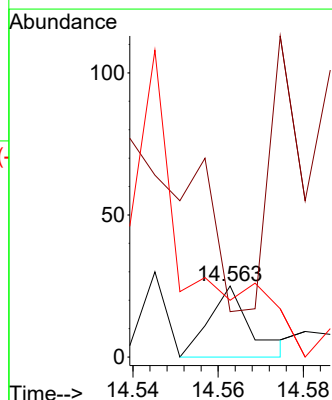
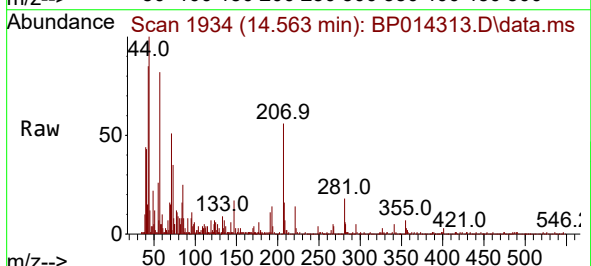
Tgt Ion:184 Resp: 17

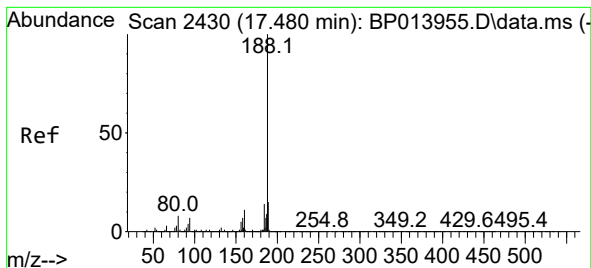
Ion Ratio Lower Upper

184 100

63 64.0 52.4 78.6

154 80.0 59.4 89.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 24

Delta R.T. -0.000 min

Lab File: BP014313.D

Acq: 25 Mar 2023 05:14

Instrument :

BNA_P

ClientSampleId :

JPP-46B-032023

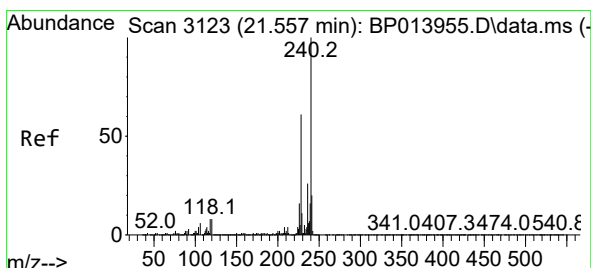
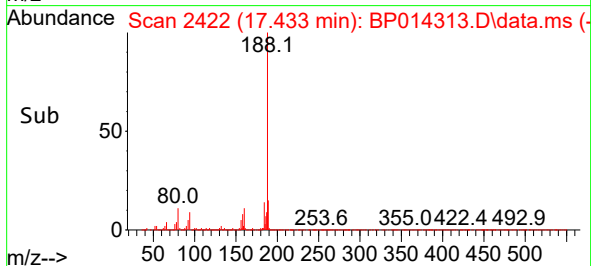
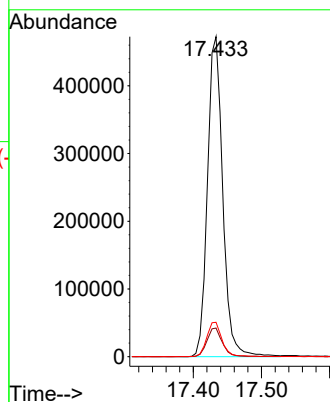
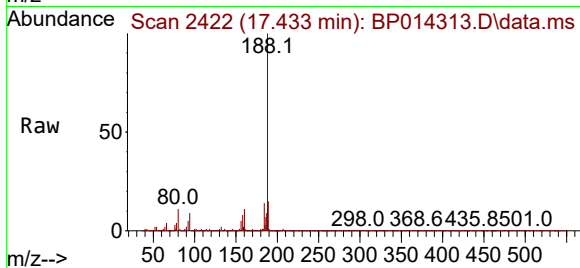
Tgt Ion:188 Resp: 736447

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

80 10.7 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP014313.D

Acq: 25 Mar 2023 05:14

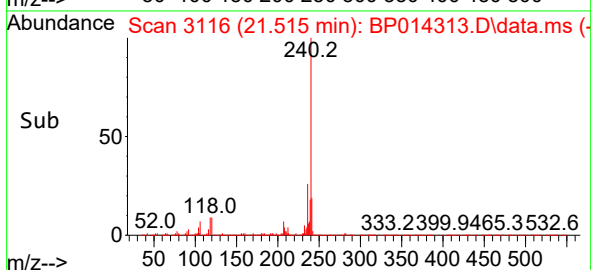
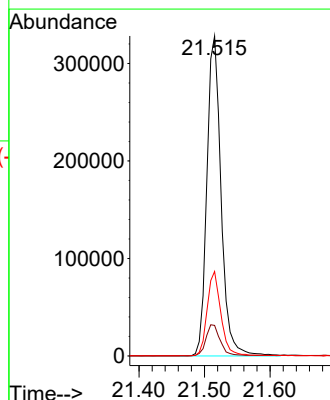
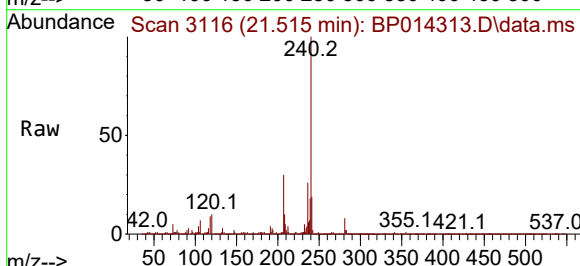
Tgt Ion:240 Resp: 495009

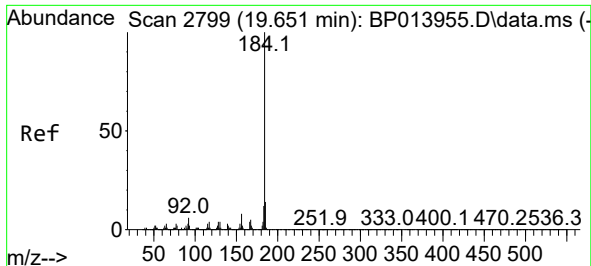
Ion Ratio Lower Upper

240 100

120 9.6 6.4 9.6

236 26.4 21.2 31.8

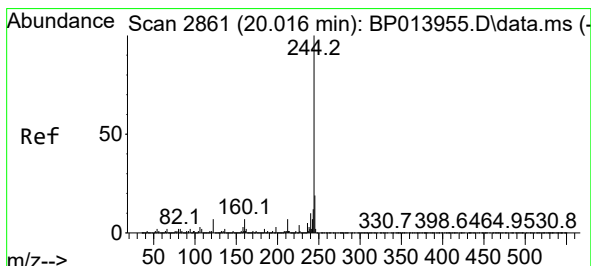
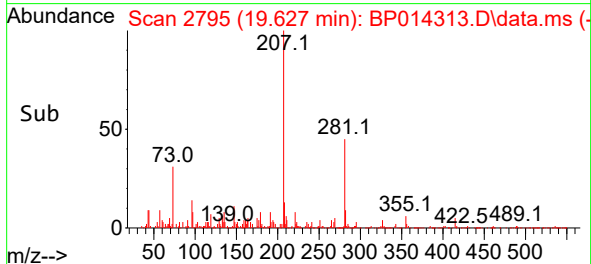
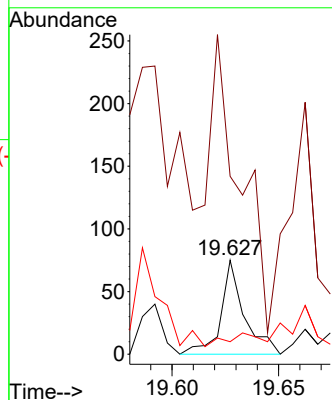
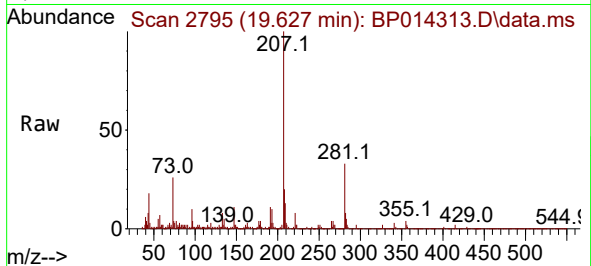




#77
Benzidine
Concen: 2.840 ng
RT: 19.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

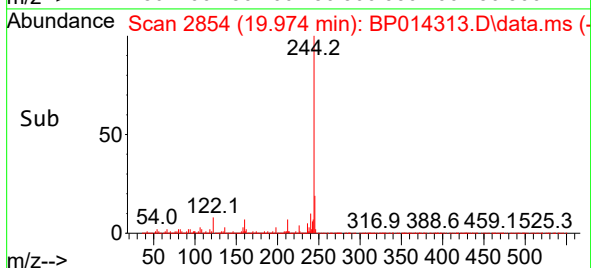
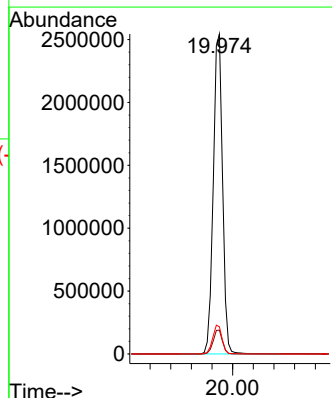
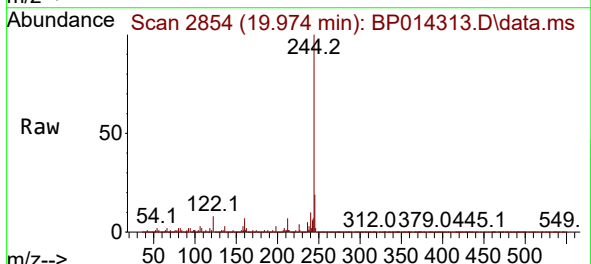
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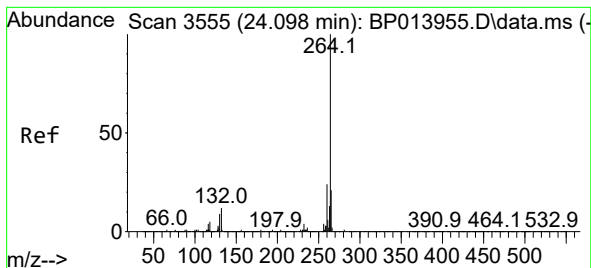
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
185 189.3 11.6 17.4#
183 13.3 9.7 14.5



#79
Terphenyl-d14
Concen: 105.389 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014313.D
Acq: 25 Mar 2023 05:14

Tgt Ion:244 Resp: 3163750
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 8.5 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014313.D

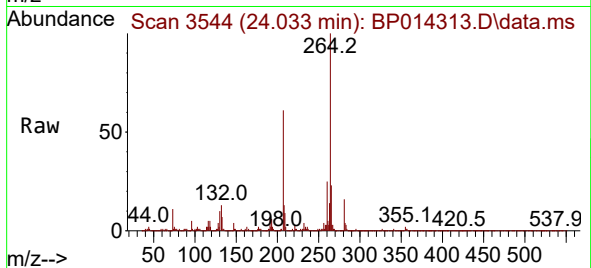
Acq: 25 Mar 2023 05:14

Instrument :

BNA_P

ClientSampleId :

JPP-46B-032023



Tgt Ion:264 Resp: 522924

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 23.1 17.8 26.8

