

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014307.D
 Acq On : 25 Mar 2023 01:48
 Operator : CG/JU
 Sample : 02021-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JPP-6D-032023

Quant Time: Mar 25 03:25:44 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)

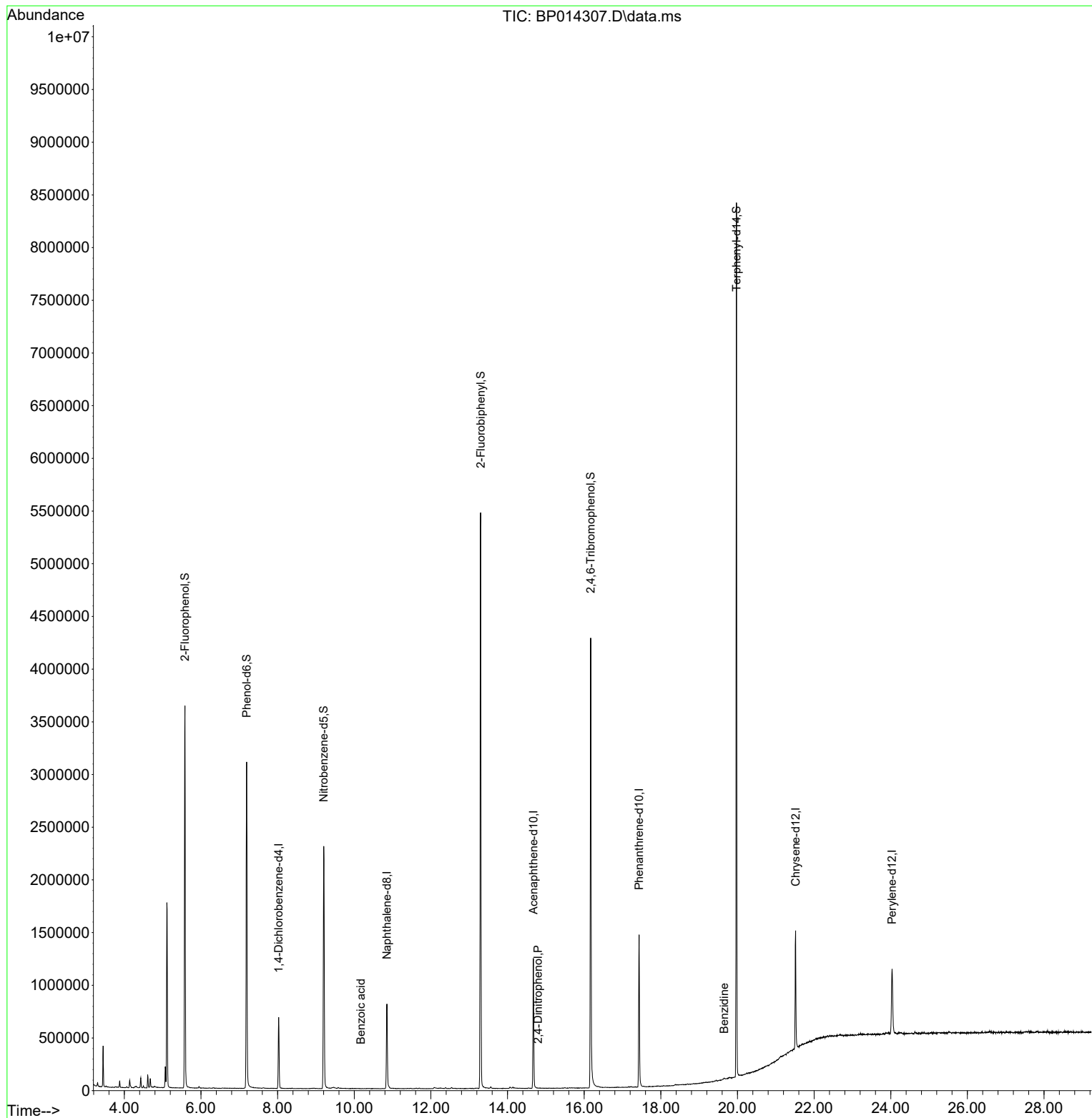
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	170205	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	653752	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	407042	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	842892	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	562739	20.000	ng	0.00
86) Perylene-d12	24.033	264	538883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1425500	135.824	ng	0.00
7) Phenol-d6	7.193	99	1731829	125.683	ng	0.00
23) Nitrobenzene-d5	9.205	82	1386794	96.955	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	836740	126.787	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	2757548	87.770	ng	0.00
79) Terphenyl-d14	19.975	244	3777638	110.693	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.169	122	13	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.793	184	4	3.079	ng	# 1
77) Benzidine	19.651	184	7424	3.372	ng	# 91

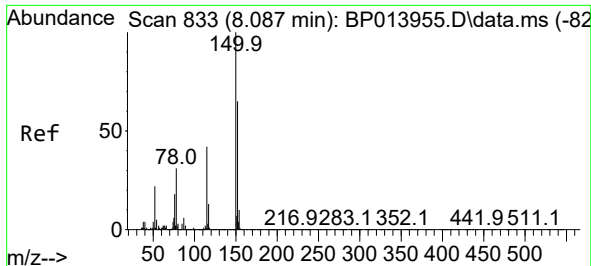
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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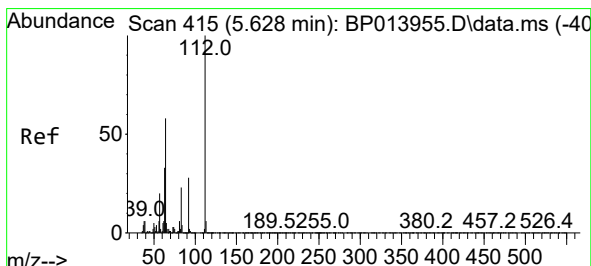
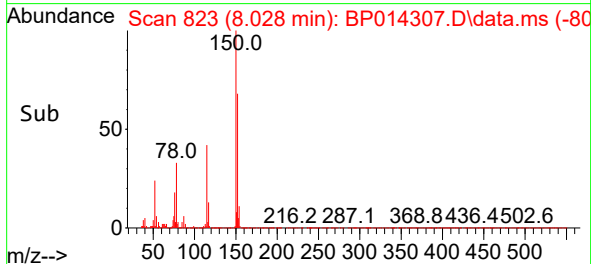
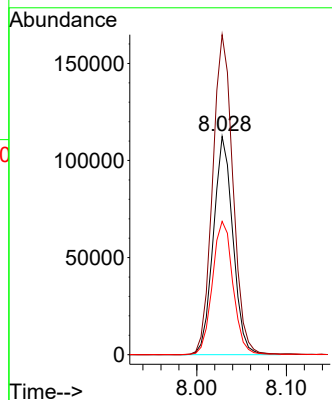
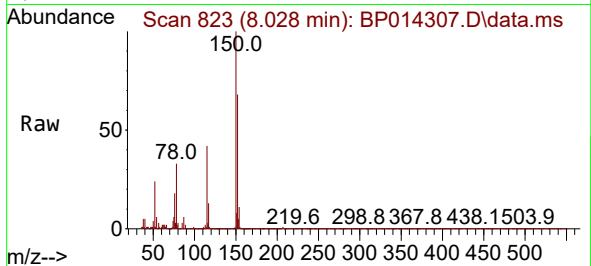




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

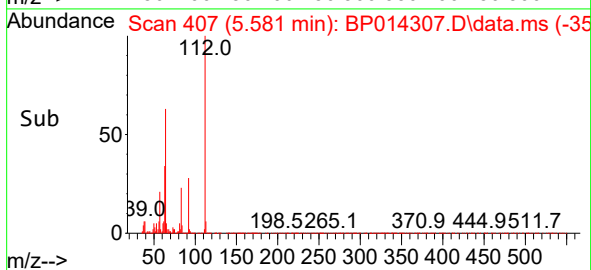
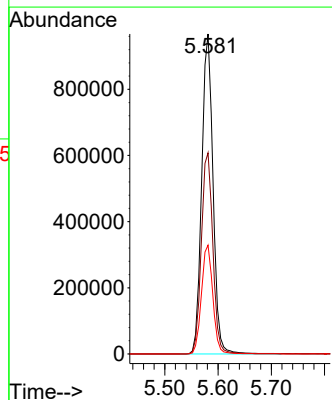
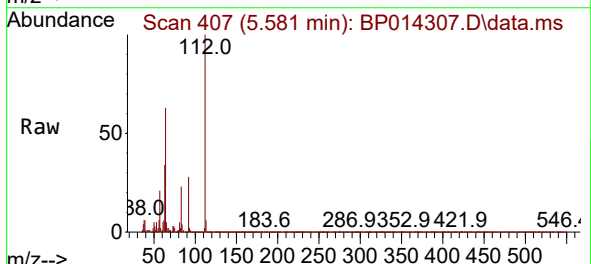
Instrument :
BNA_P
ClientSampleId :
JPP-6D-032023

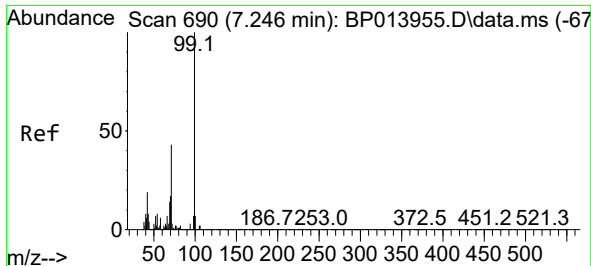
Tgt Ion:152 Resp: 170205
Ion Ratio Lower Upper
152 100
150 146.6 122.3 183.5
115 61.1 51.6 77.4



#5
2-Fluorophenol
Concen: 135.824 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

Tgt Ion:112 Resp: 1425500
Ion Ratio Lower Upper
112 100
64 62.9 46.7 70.1
63 34.0 26.6 40.0

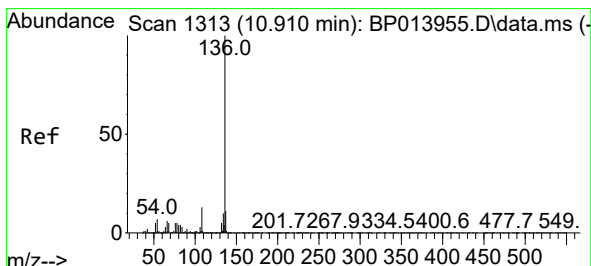
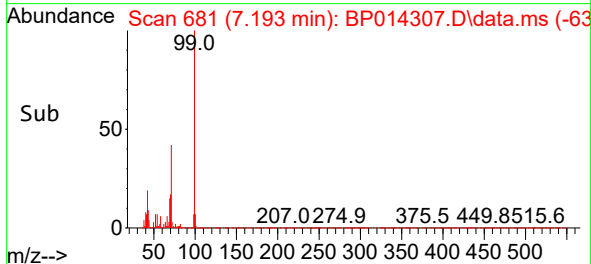
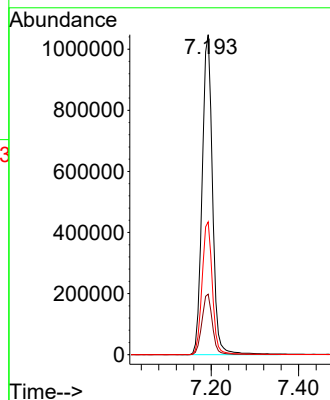
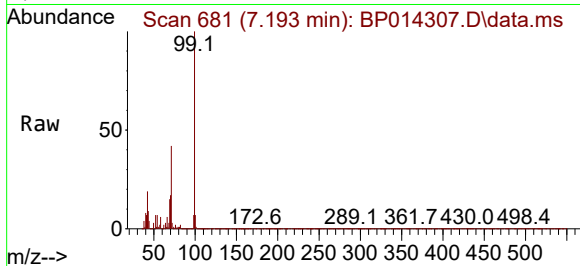




#7
Phenol-d6
Concen: 125.683 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

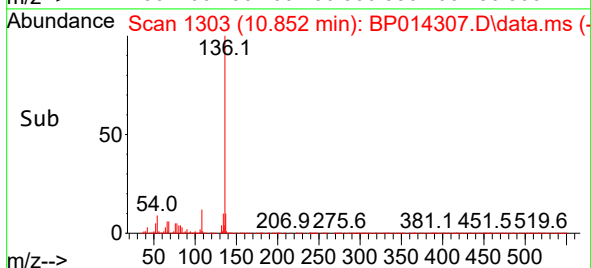
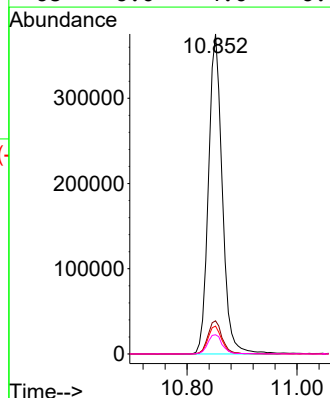
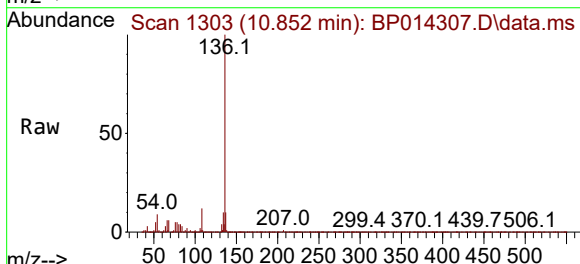
Instrument :
BNA_P
ClientSampleId :
JPP-6D-032023

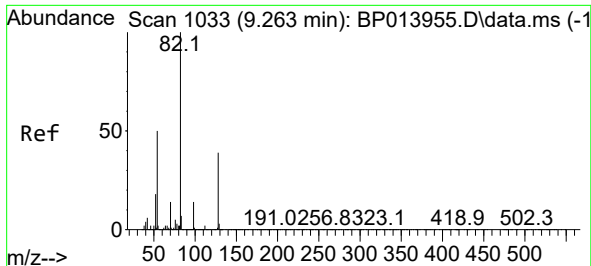
Tgt Ion: 99 Resp: 1731829
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 41.5 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

Tgt Ion: 136 Resp: 653752
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 8.7 5.8 8.8
68 6.0 4.0 6.0#

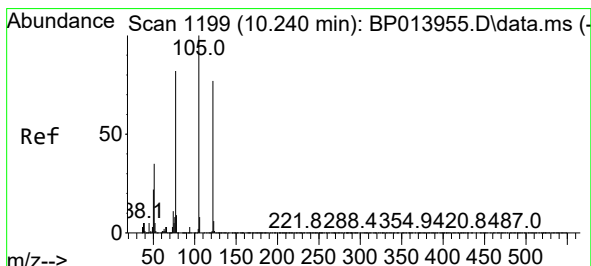
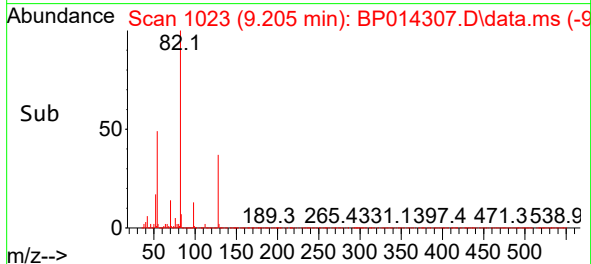
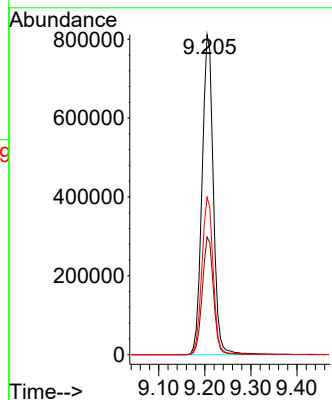
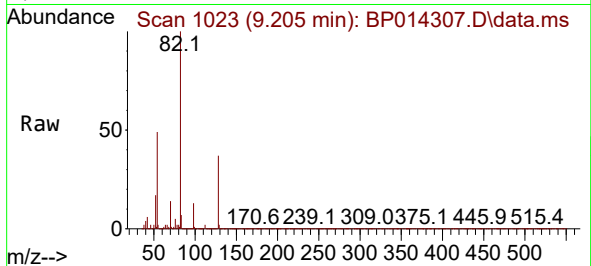




#23
Nitrobenzene-d5
Concen: 96.955 ng
RT: 9.205 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

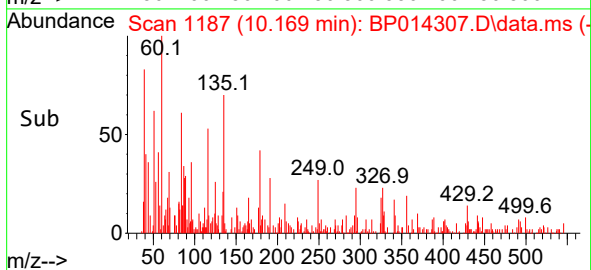
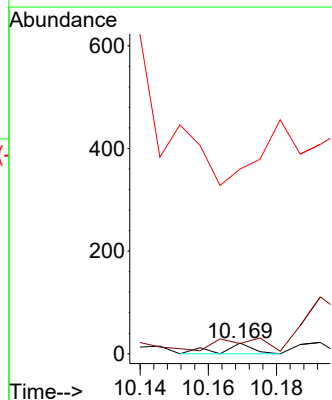
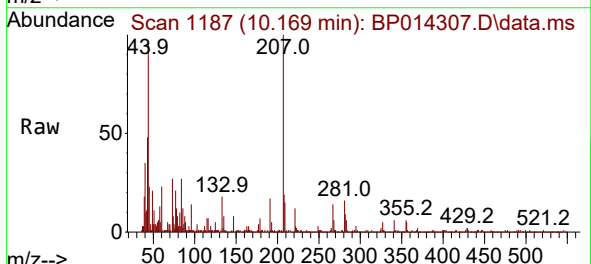
Instrument :
BNA_P
ClientSampleId :
JPP-6D-032023

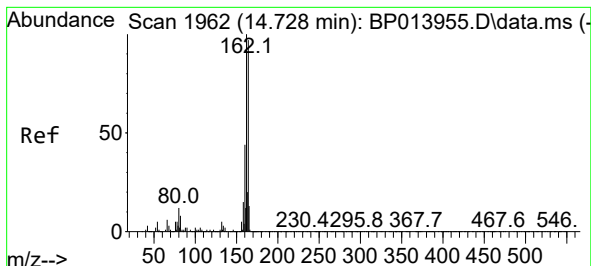
Tgt Ion: 82 Resp: 1386794
Ion Ratio Lower Upper
82 100
128 36.8 31.1 46.7
54 49.2 40.0 60.0



#32
Benzoic acid
Concen: 2.703 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

Tgt Ion: 122 Resp: 13
Ion Ratio Lower Upper
122 100
105 95.2 108.2 148.2#
77 1714.3 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: BP014307.D

Acq: 25 Mar 2023 01:48

Instrument :

BNA_P

ClientSampleId :

JPP-6D-032023

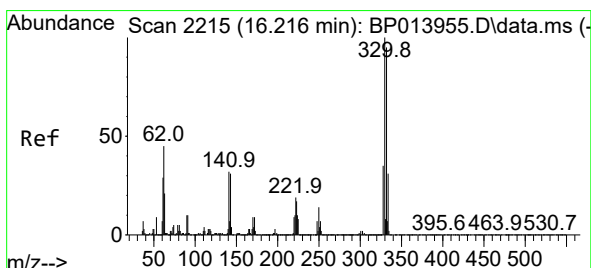
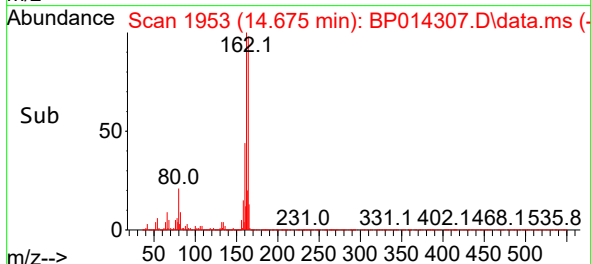
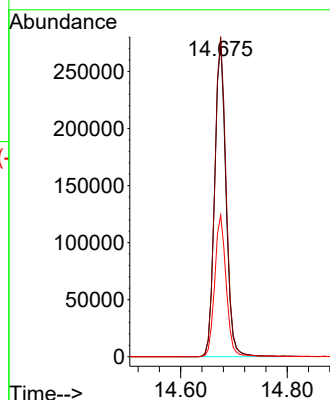
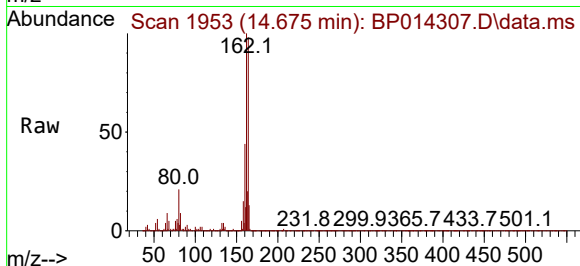
Tgt Ion:164 Resp: 407042

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

160 45.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 126.787 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014307.D

Acq: 25 Mar 2023 01:48

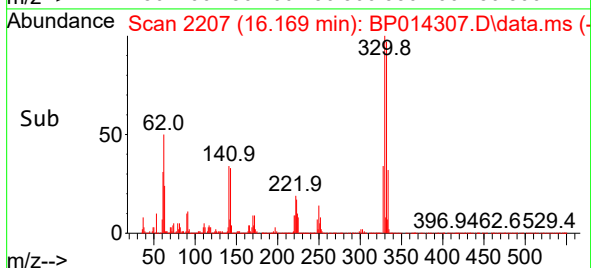
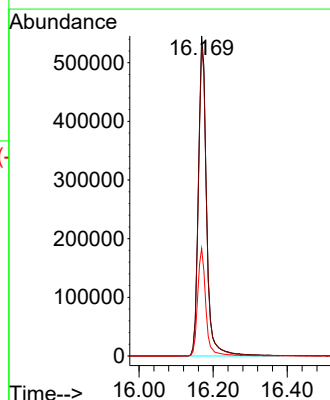
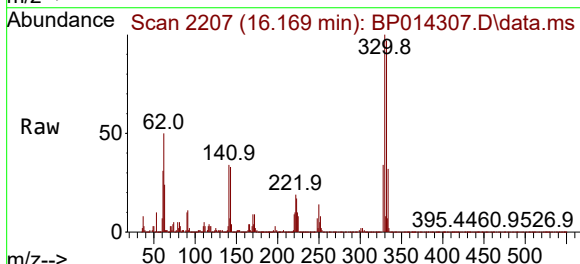
Tgt Ion:330 Resp: 836740

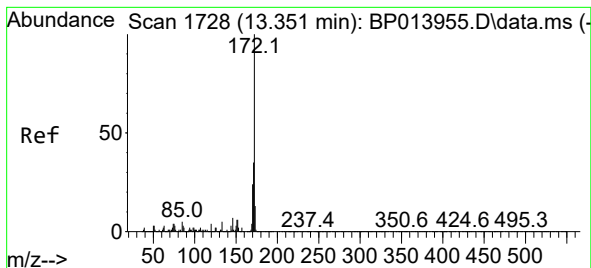
Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 33.7 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 87.770 ng

RT: 13.299 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014307.D

Acq: 25 Mar 2023 01:48

Instrument :

BNA_P

ClientSampleId :

JPP-6D-032023

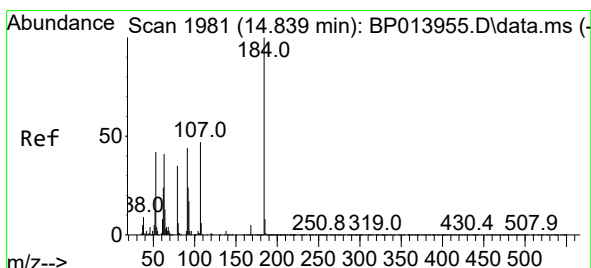
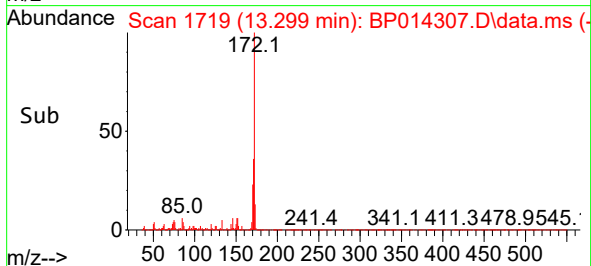
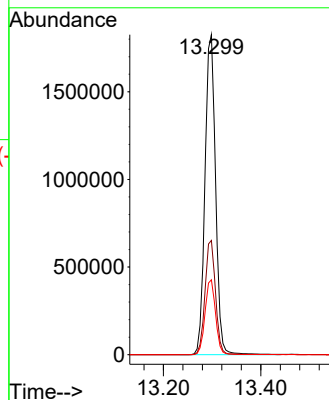
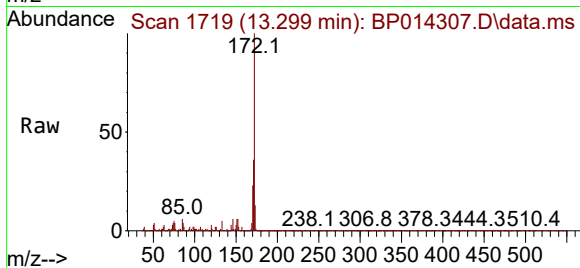
Tgt Ion:172 Resp: 2757548

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.4 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.079 ng

RT: 14.793 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP014307.D

Acq: 25 Mar 2023 01:48

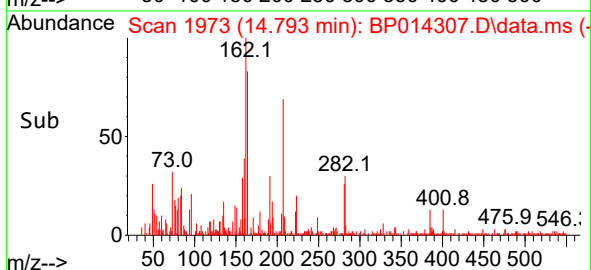
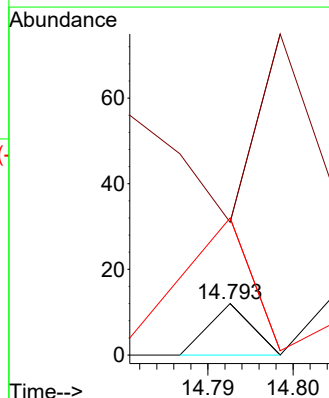
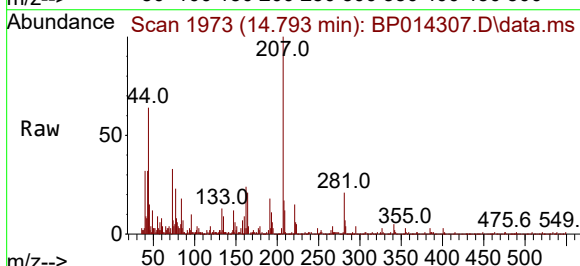
Tgt Ion:184 Resp: 4

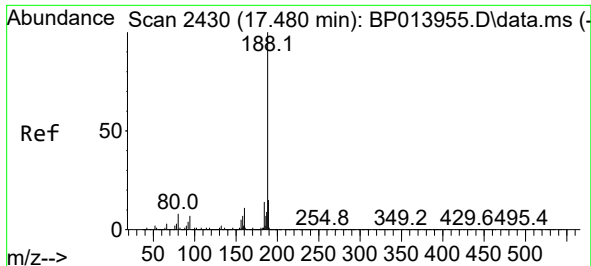
Ion Ratio Lower Upper

184 100

63 258.3 52.4 78.6#

154 266.7 59.4 89.2#

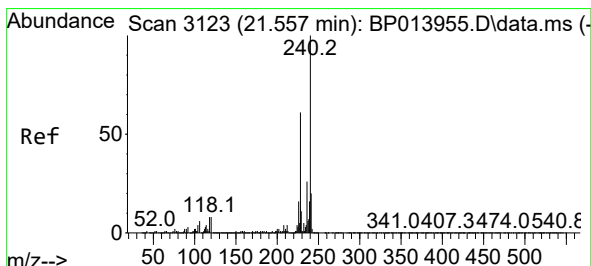
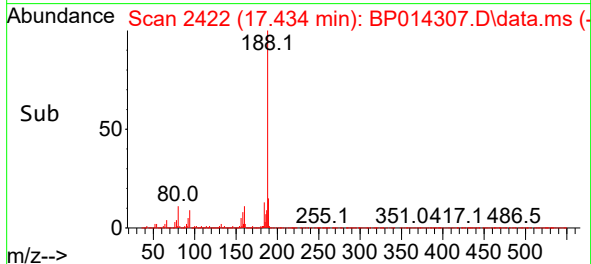
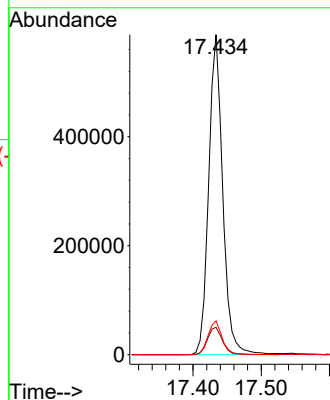
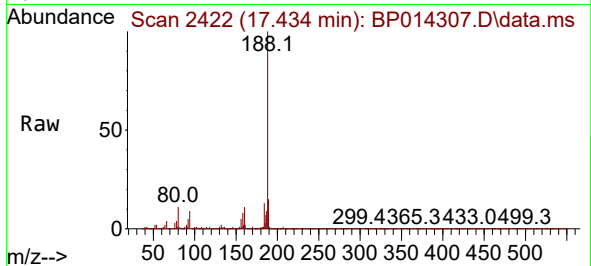




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

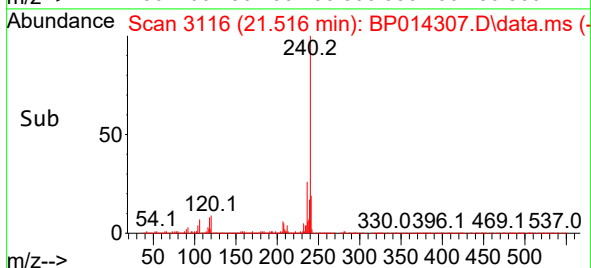
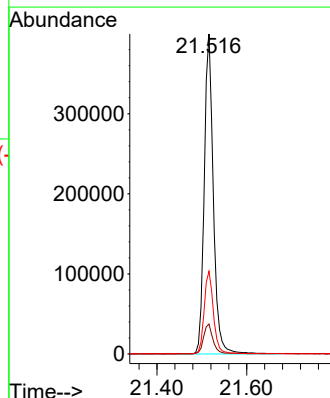
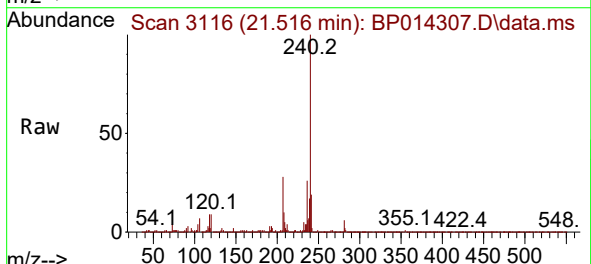
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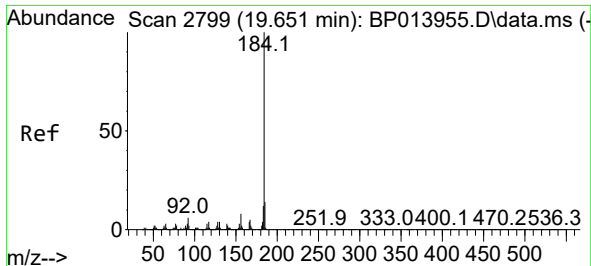
Tgt Ion:188 Resp: 842892
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 10.6 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

Tgt Ion:240 Resp: 562739
Ion Ratio Lower Upper
240 100
120 9.4 6.4 9.6
236 25.9 21.2 31.8

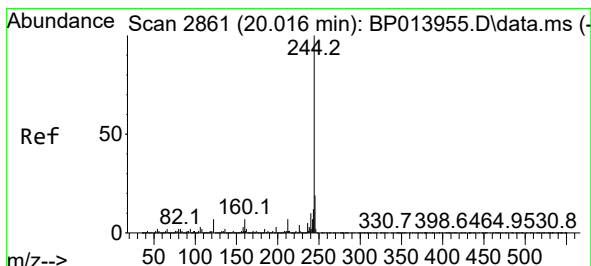
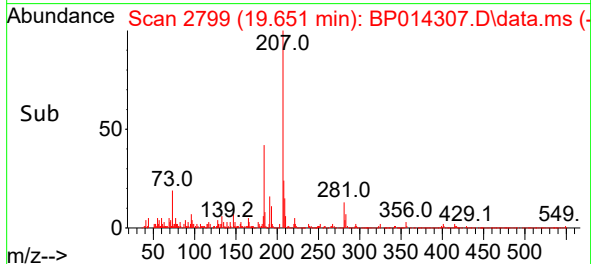
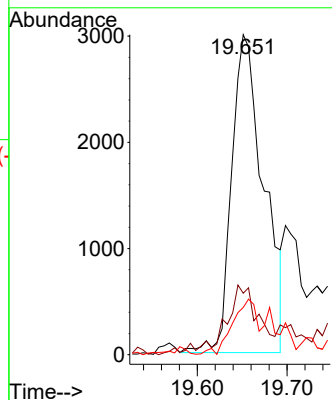
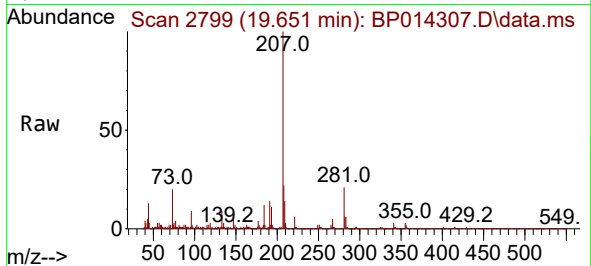




#77
Benzidine
Concen: 3.372 ng
RT: 19.651 min Scan# 21
Delta R.T. 0.030 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

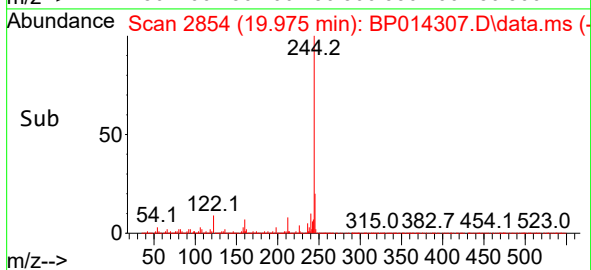
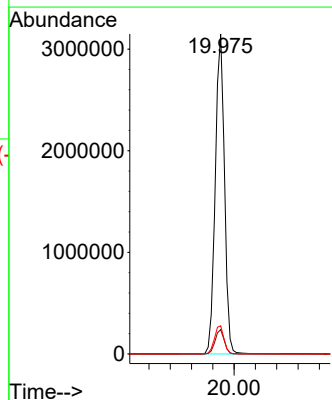
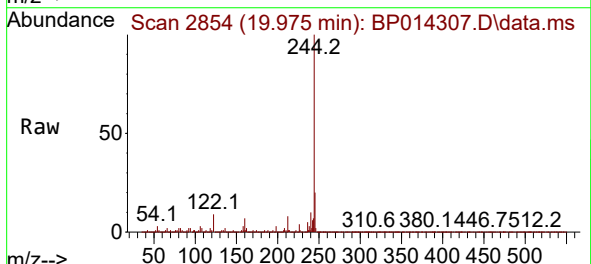
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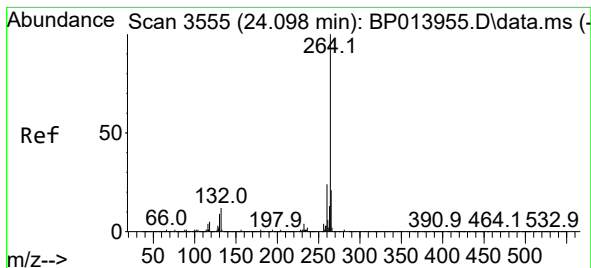
Tgt Ion:184 Resp: 7424
Ion Ratio Lower Upper
184 100
185 19.2 11.6 17.4#
183 14.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 110.693 ng
RT: 19.975 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP014307.D
Acq: 25 Mar 2023 01:48

Tgt Ion:244 Resp: 3777638
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.8 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: BP014307.D

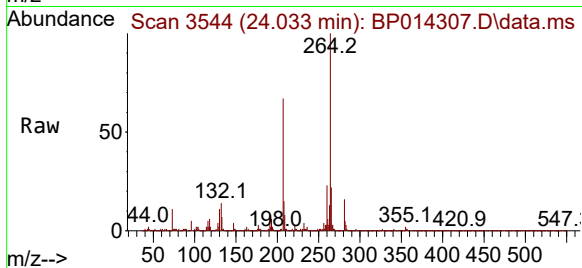
Acq: 25 Mar 2023 01:48

Instrument :

BNA_P

ClientSampleId :

JPP-6D-032023



Tgt Ion:264 Resp: 538883

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.4 17.8 26.8

