

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014299.D
 Acq On : 24 Mar 2023 21:15
 Operator : CG/JU
 Sample : PB151585TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151585TB

Quant Time: Mar 25 03:22:25 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)

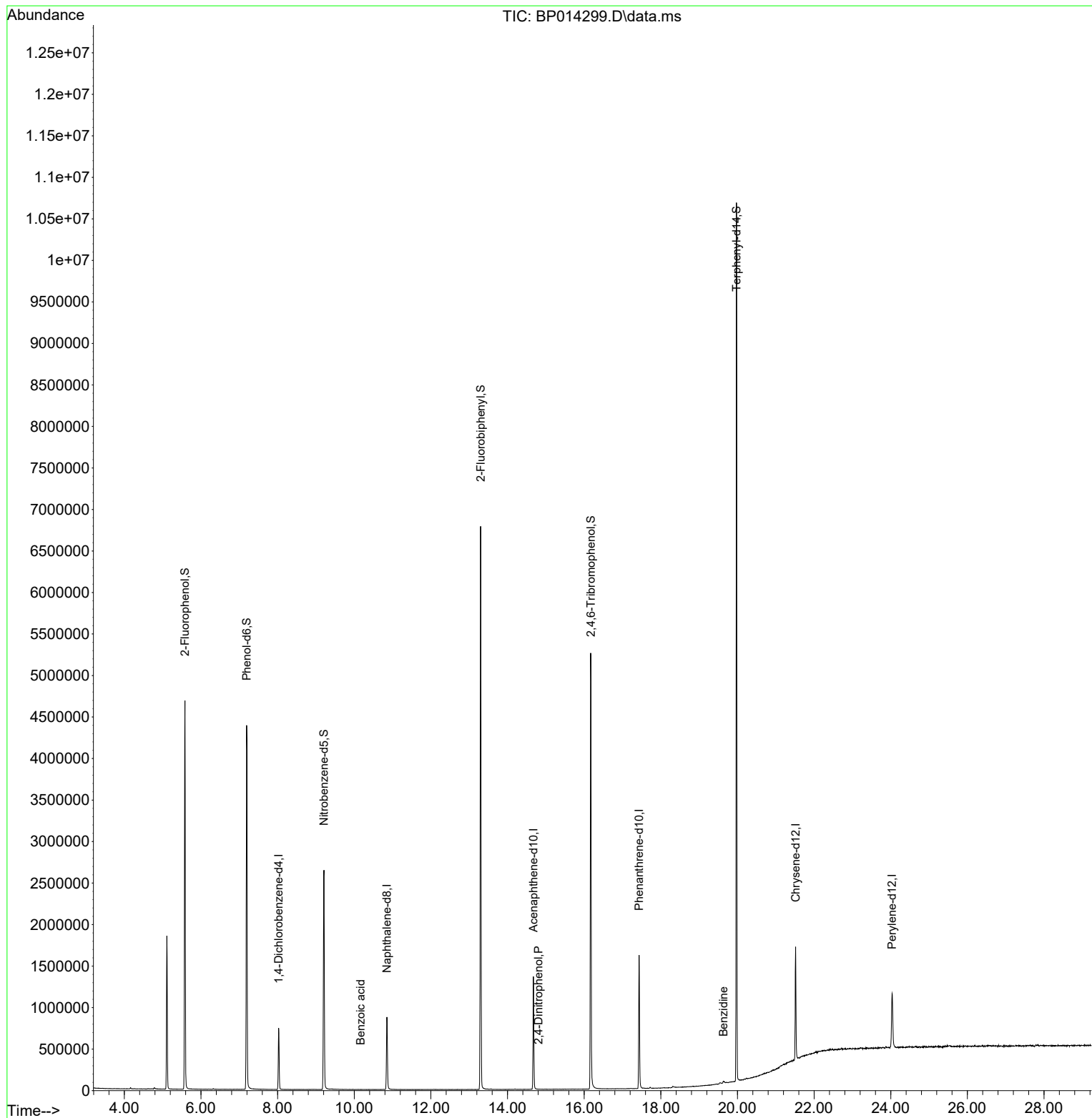
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	185505	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	716736	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	447383	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	970900	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	707166	20.000	ng	0.00
86) Perylene-d12	24.033	264	572602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1835916	160.501	ng	0.00
7) Phenol-d6	7.193	99	2400348	159.831	ng	0.00
23) Nitrobenzene-d5	9.210	82	1589857	101.384	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	1011577	139.458	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	3286409	95.171	ng	0.00
79) Terphenyl-d14	19.975	244	4727322	110.230	ng	0.00
Target Compounds						
32) Benzoic acid	10.163	122	9	2.702	ng	# 1
54) 2,4-Dinitrophenol	14.810	184	26	3.083	ng	# 1
77) Benzidine	19.633	184	25146	4.286	ng	98

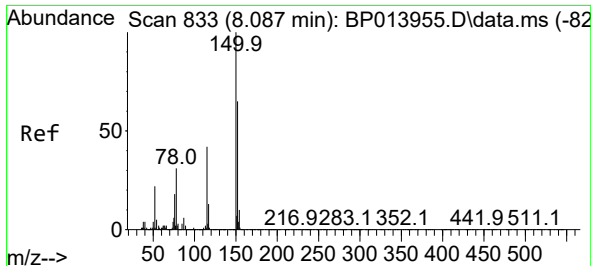
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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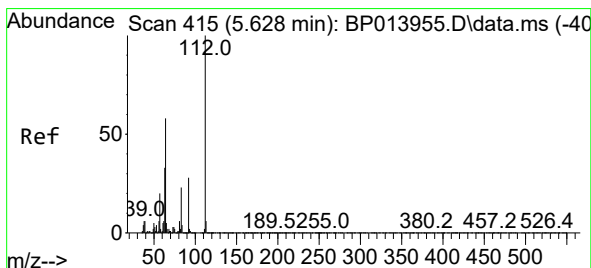
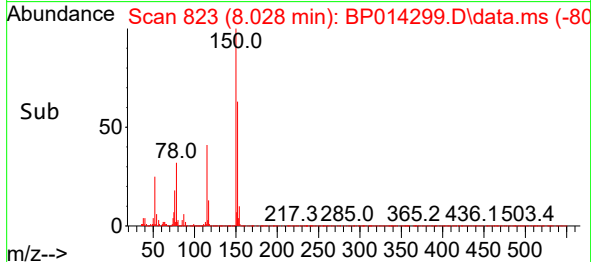
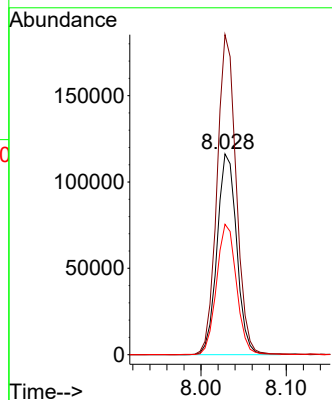
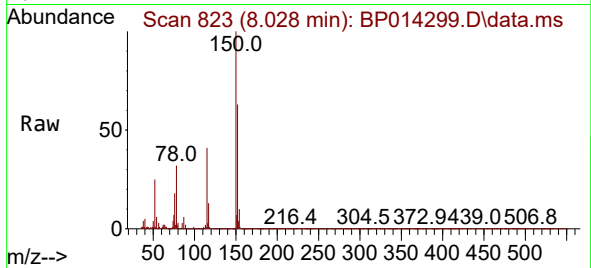




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

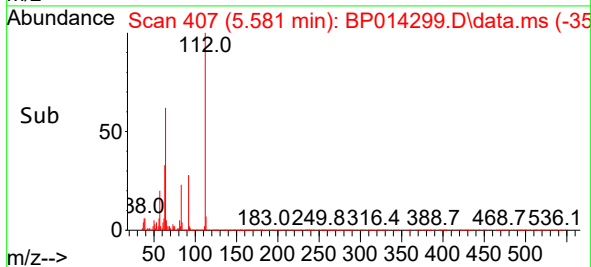
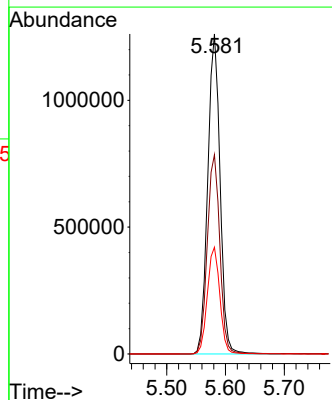
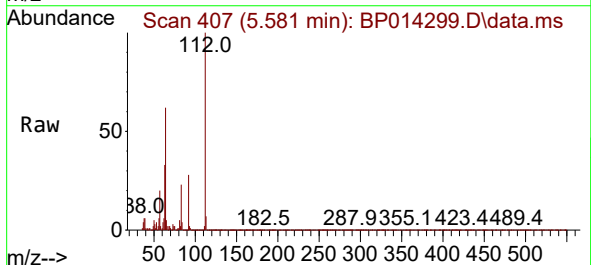
Instrument :
BNA_P
ClientSampleId :
PB151585TB

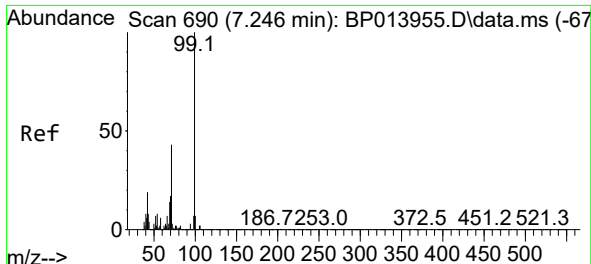
Tgt Ion:152 Resp: 185505
Ion Ratio Lower Upper
152 100
150 159.4 122.3 183.5
115 65.0 51.6 77.4



#5
2-Fluorophenol
Concen: 160.501 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

Tgt Ion:112 Resp: 1835916
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 33.3 26.6 40.0

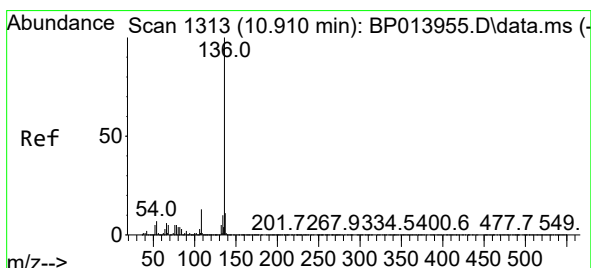
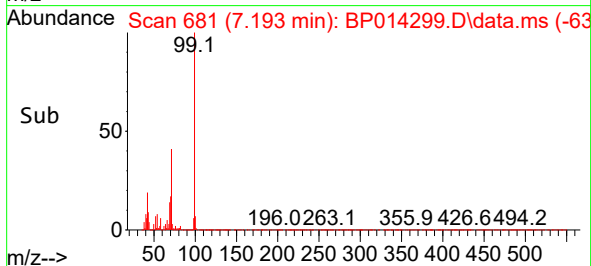
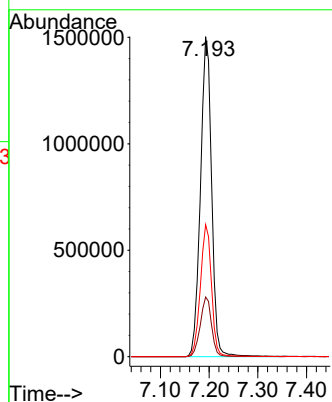
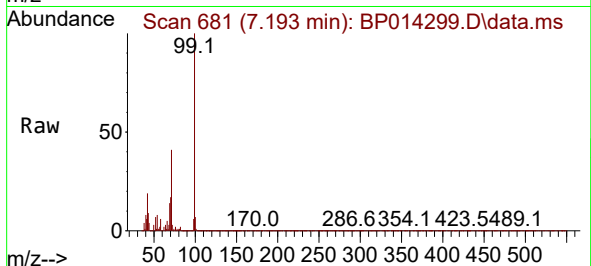




#7
Phenol-d6
Concen: 159.831 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

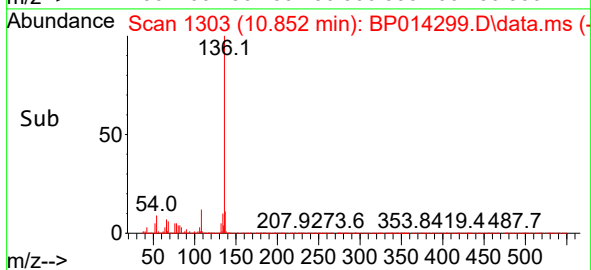
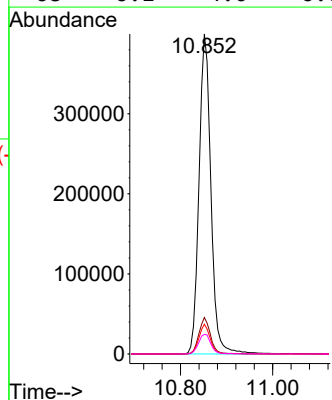
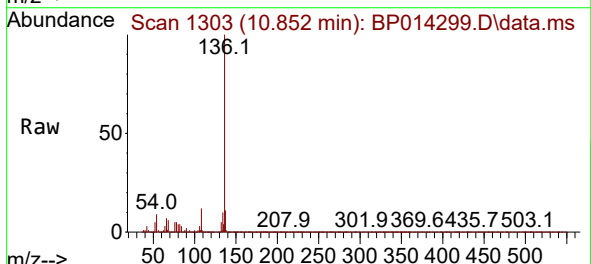
Instrument :
BNA_P
ClientSampleId :
PB151585TB

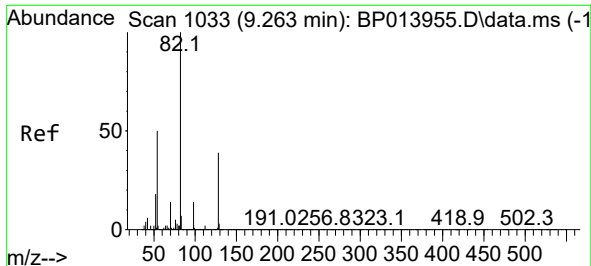
Tgt Ion: 99 Resp: 2400348
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 41.2 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

Tgt Ion:136 Resp: 716736
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.3 5.8 8.8#
68 6.1 4.0 6.0#

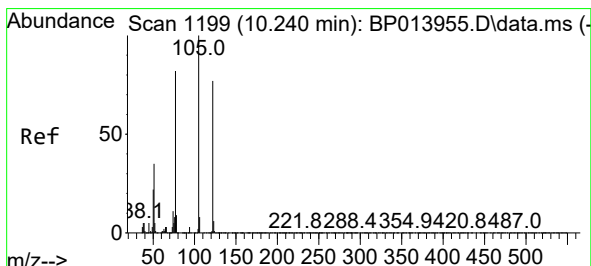
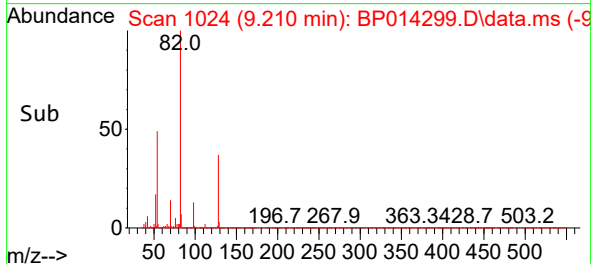
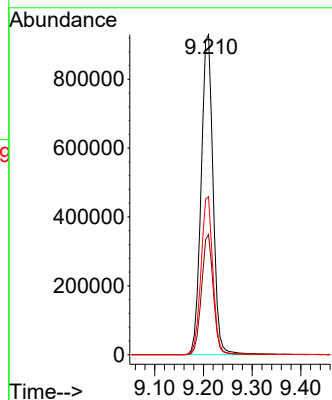
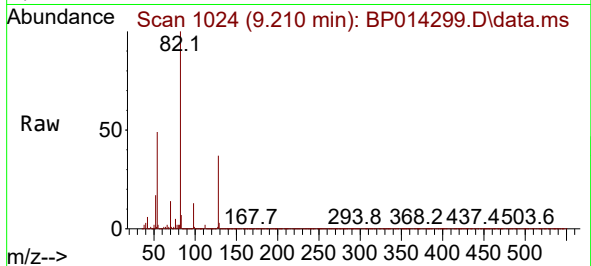




#23
Nitrobenzene-d5
Concen: 101.384 ng
RT: 9.210 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

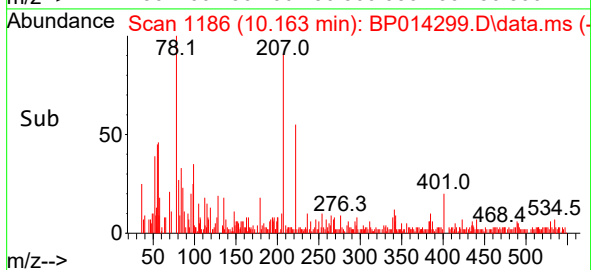
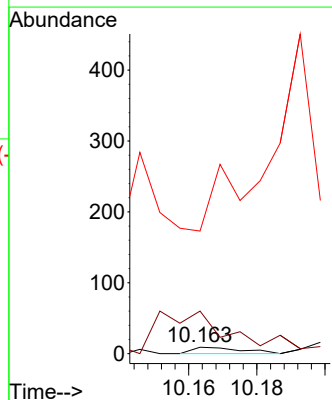
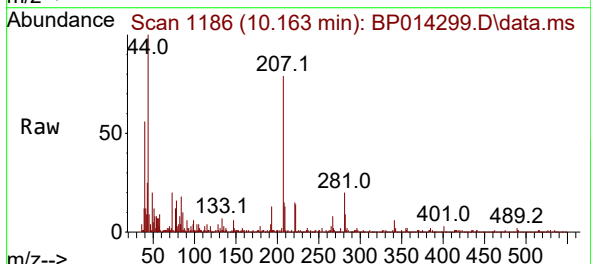
Instrument :
BNA_P
ClientSampleId :
PB151585TB

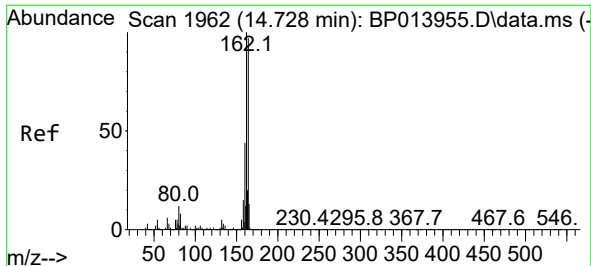
Tgt Ion: 82 Resp: 1589857
Ion Ratio Lower Upper
82 100
128 37.5 31.1 46.7
54 49.4 40.0 60.0



#32
Benzoic acid
Concen: 2.702 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.018 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

Tgt Ion: 122 Resp: 9
Ion Ratio Lower Upper
122 100
105 666.7 108.2 148.2#
77 1922.2 85.2 125.2#

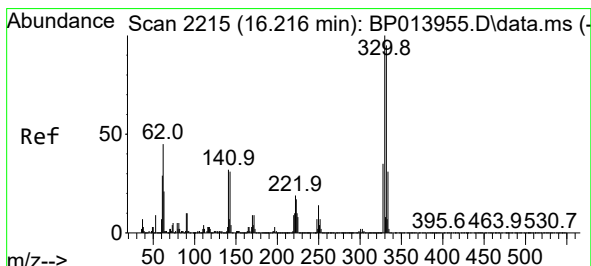
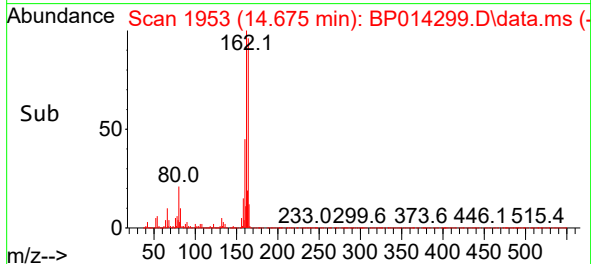
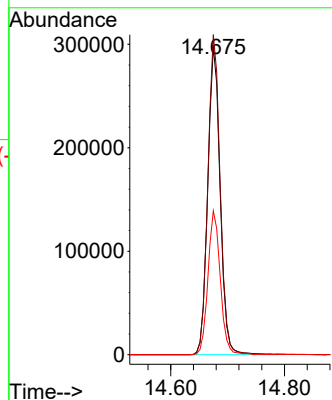
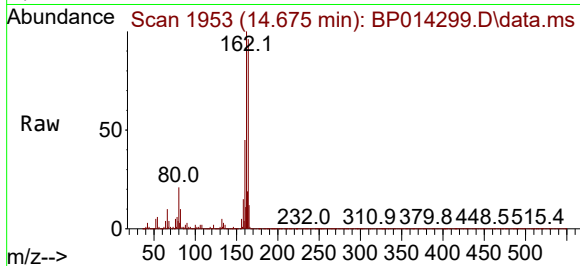




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

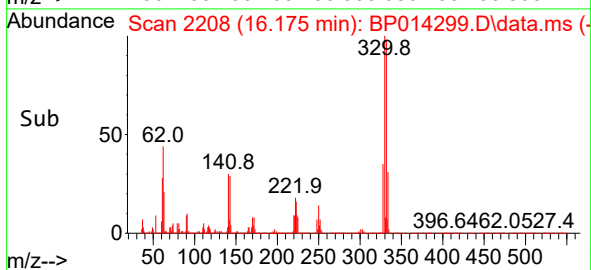
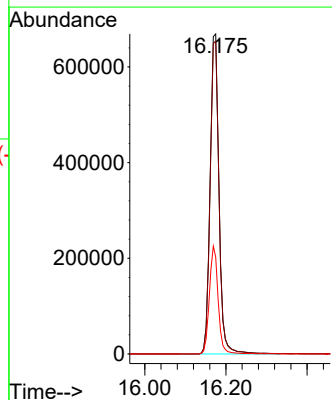
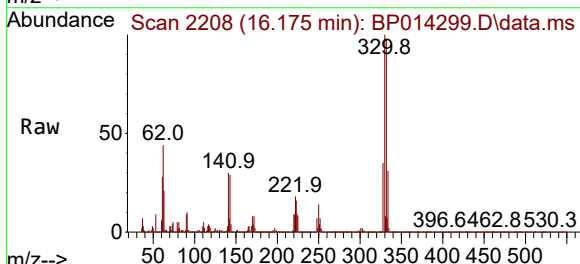
Instrument :
BNA_P
ClientSampleId :
PB151585TB

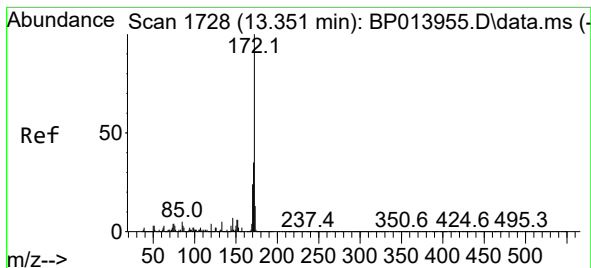
Tgt Ion:164 Resp: 447383
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 46.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 139.458 ng
RT: 16.175 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BP014299.D
Acq: 24 Mar 2023 21:15

Tgt Ion:330 Resp: 1011577
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 33.2 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 95.171 ng

RT: 13.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014299.D

Acq: 24 Mar 2023 21:15

Instrument :

BNA_P

ClientSampleId :

PB151585TB

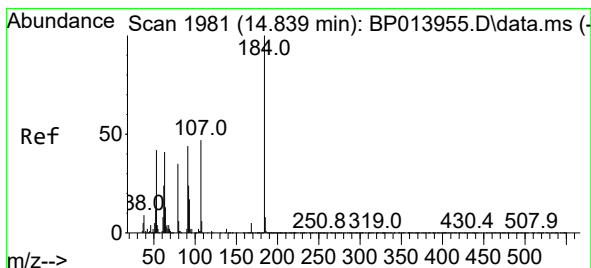
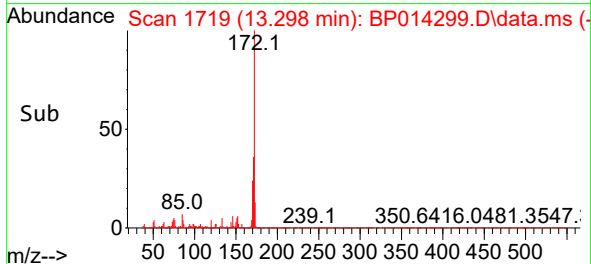
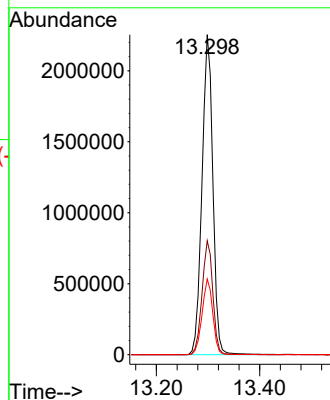
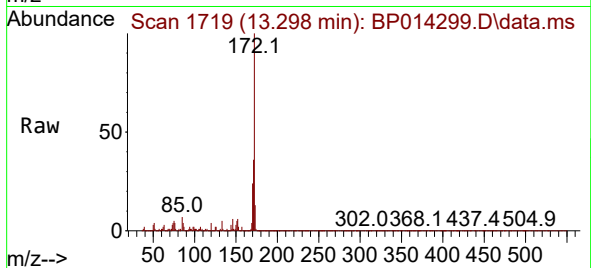
Tgt Ion:172 Resp: 3286409

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.083 ng

RT: 14.810 min Scan# 1976

Delta R.T. 0.012 min

Lab File: BP014299.D

Acq: 24 Mar 2023 21:15

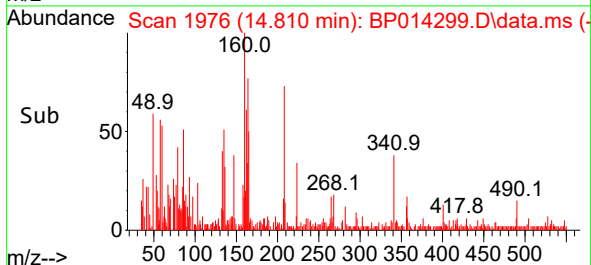
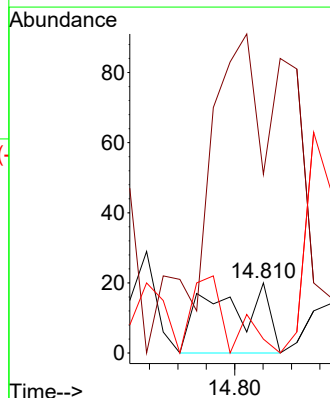
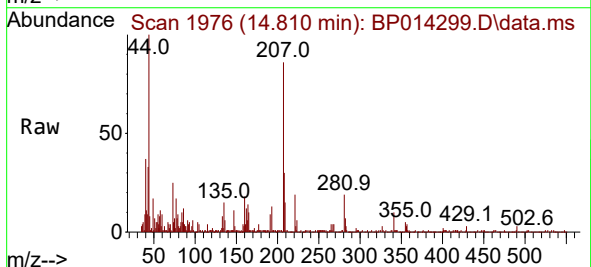
Tgt Ion:184 Resp: 26

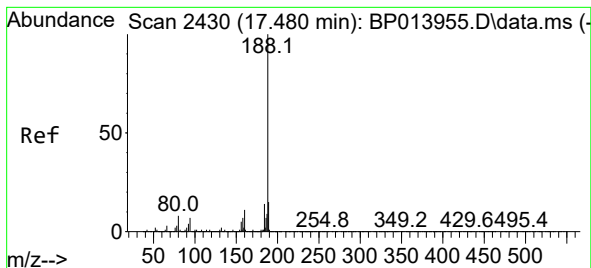
Ion Ratio Lower Upper

184 100

63 284.0 52.4 78.6#

154 16.0 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: BP014299.D

Acq: 24 Mar 2023 21:15

Instrument :

BNA_P

ClientSampleId :

PB151585TB

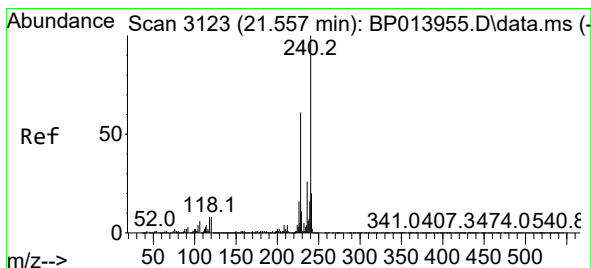
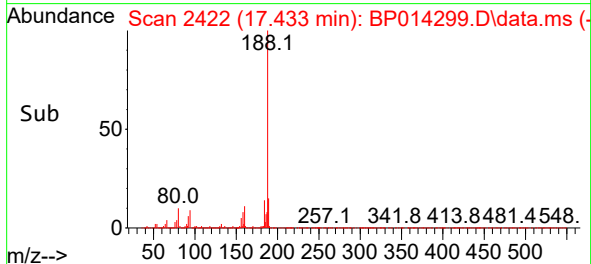
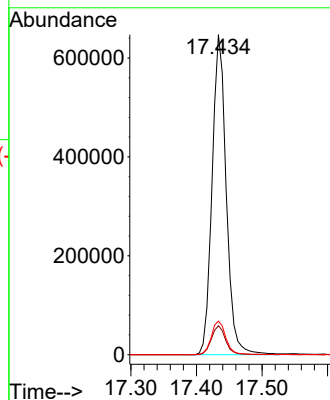
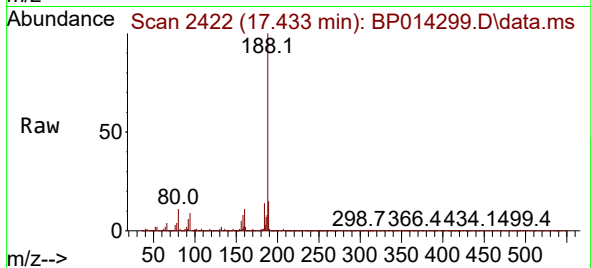
Tgt Ion:188 Resp: 970900

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 10.5 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: BP014299.D

Acq: 24 Mar 2023 21:15

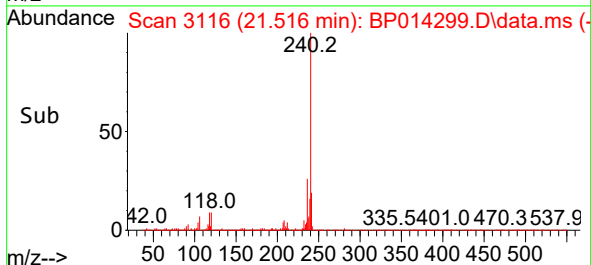
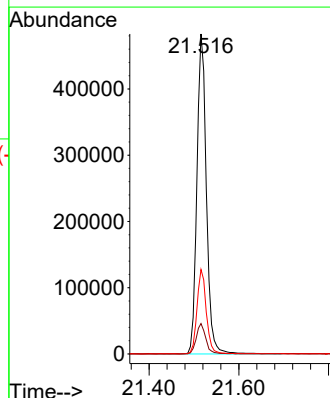
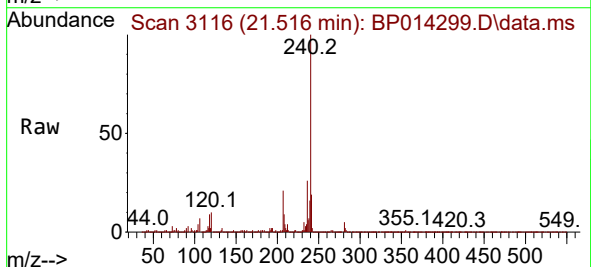
Tgt Ion:240 Resp: 707166

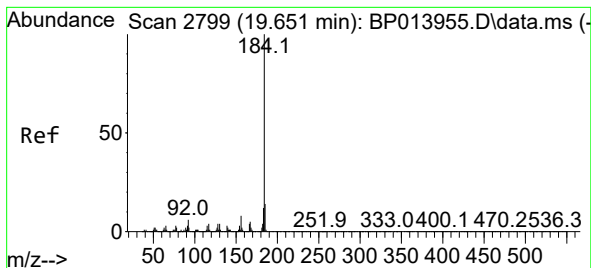
Ion Ratio Lower Upper

240 100

120 9.5 6.4 9.6

236 26.4 21.2 31.8





#77

Benzidine

Concen: 4.286 ng

RT: 19.633 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP014299.D

Acq: 24 Mar 2023 21:15

Instrument :

BNA_P

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PB151585TB

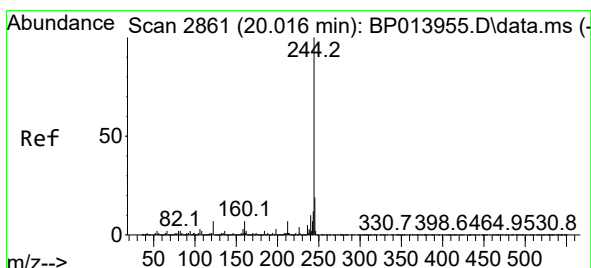
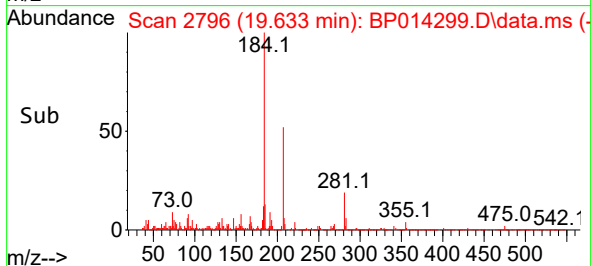
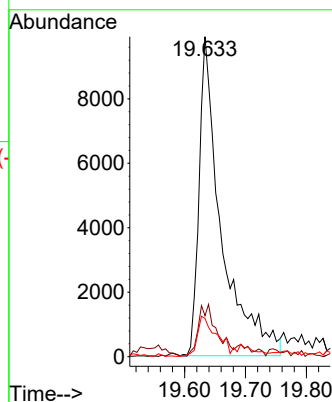
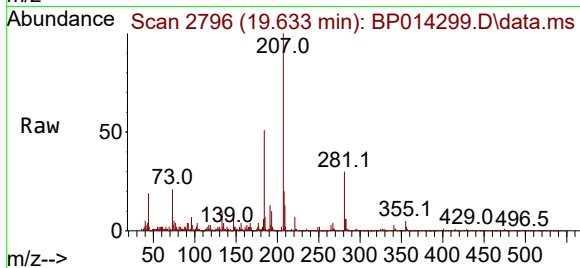
Tgt Ion:184 Resp: 25146

Ion Ratio Lower Upper

184 100

185 12.8 11.6 17.4

183 11.9 9.7 14.5



#79

Terphenyl-d14

Concen: 110.230 ng

RT: 19.975 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP014299.D

Acq: 24 Mar 2023 21:15

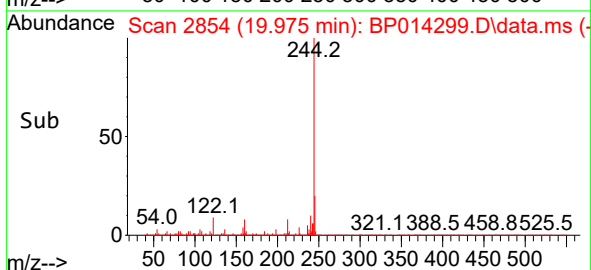
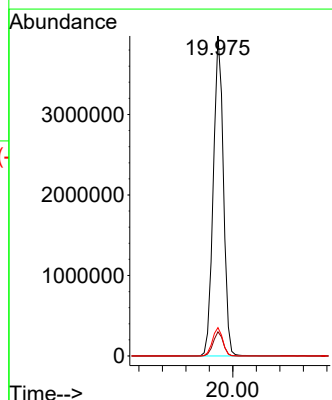
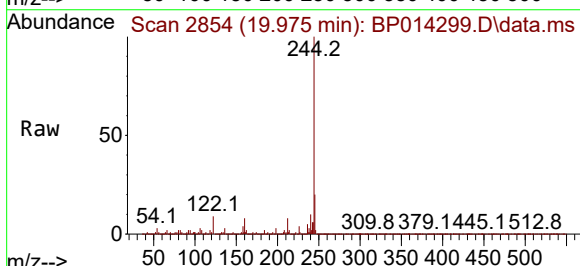
Tgt Ion:244 Resp: 4727322

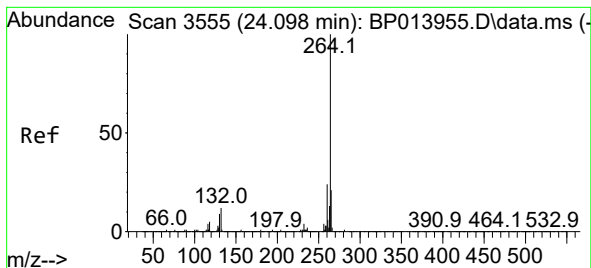
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.9 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: BP014299.D

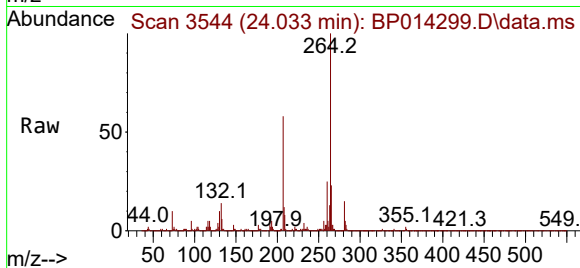
Acq: 24 Mar 2023 21:15

Instrument :

BNA_P

ClientSampleId :

PB151585TB



Tgt Ion:264 Resp: 572602

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.8 17.8 26.8

