

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014296.D
 Acq On : 24 Mar 2023 19:32
 Operator : CG/JU
 Sample : PB151614BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151614BL

Quant Time: Mar 25 03:21:14 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)

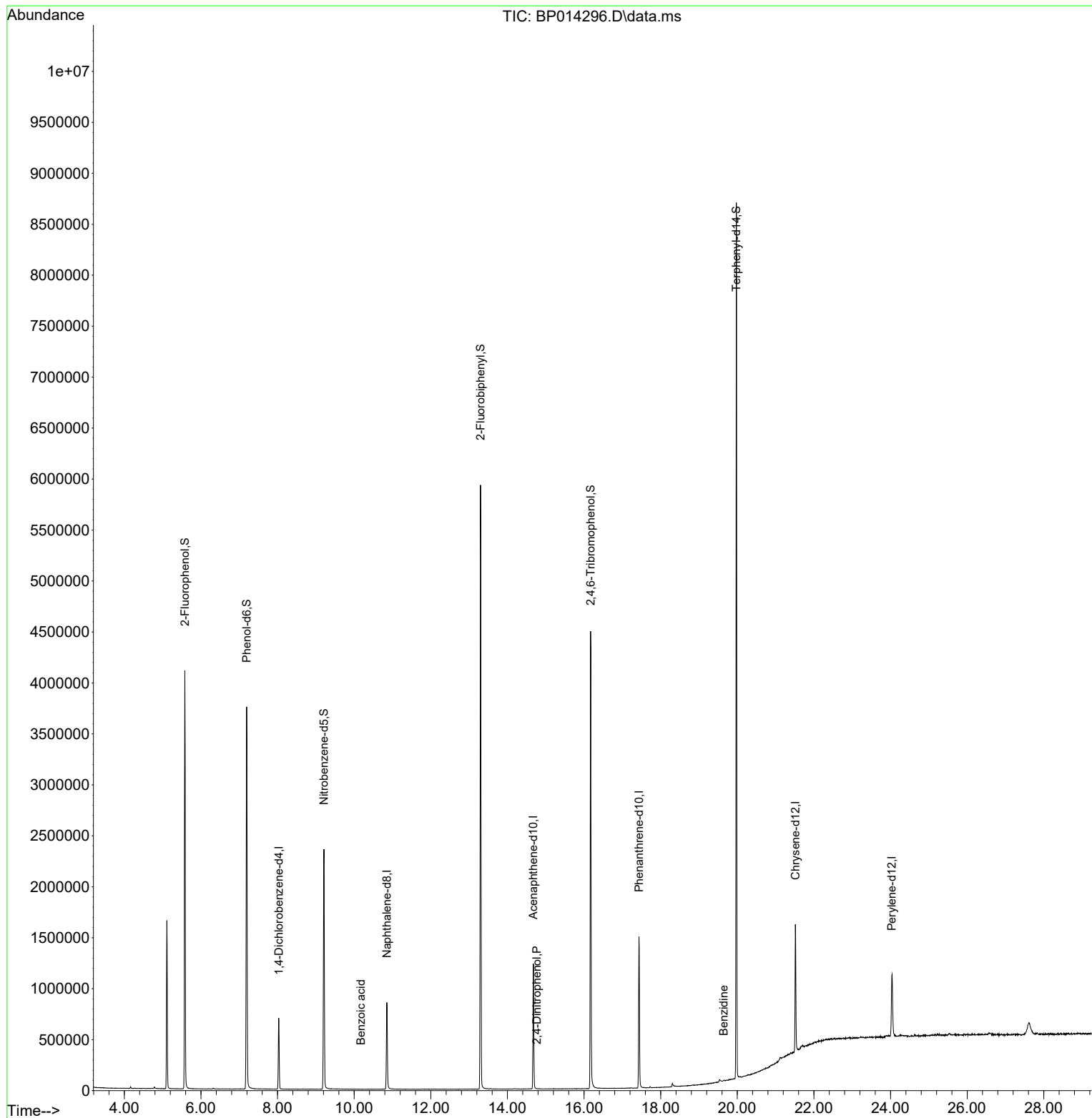
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	178598	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	700285	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	428144	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	903585	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	622535	20.000	ng	0.00
86) Perylene-d12	24.033	264	522453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1606997	145.922	ng	0.00
7) Phenol-d6	7.193	99	2092217	144.701	ng	0.00
23) Nitrobenzene-d5	9.210	82	1392237	90.867	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	866963	124.892	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2921125	88.394	ng	0.00
79) Terphenyl-d14	19.974	244	3943778	104.461	ng	0.00
Target Compounds						
32) Benzoic acid	10.175	122	18	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.769	184	17	3.081	ng	93
77) Benzidine	19.645	184	7495	3.325	ng	# 92

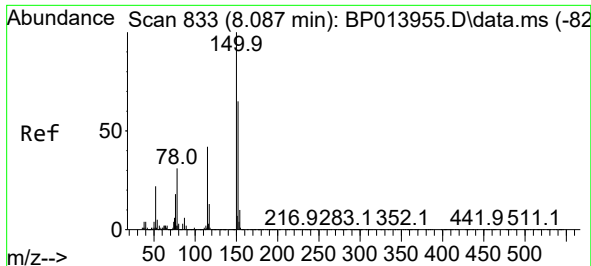
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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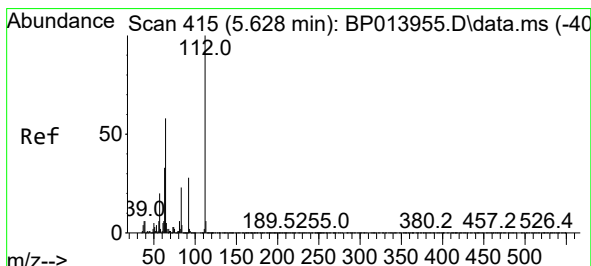
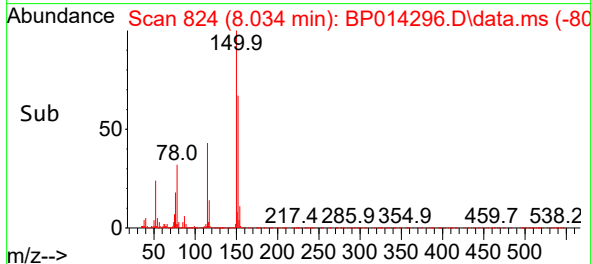
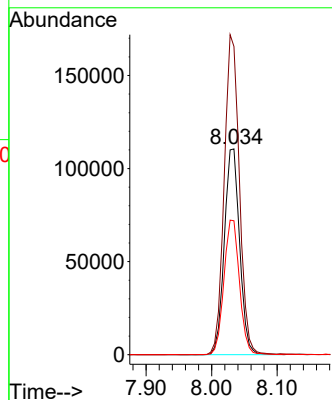
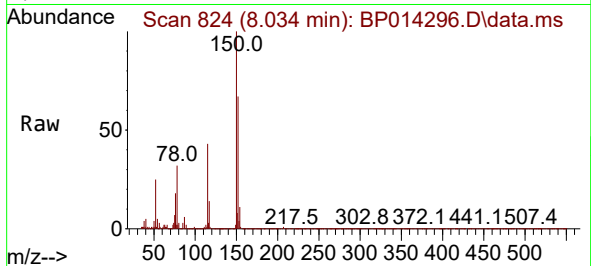




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

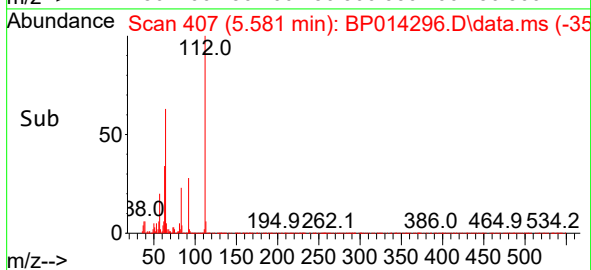
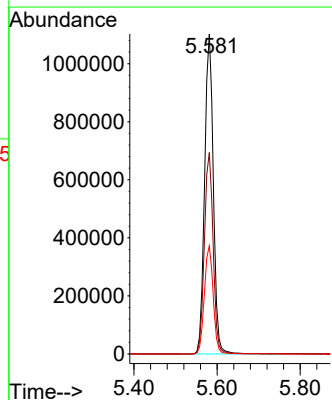
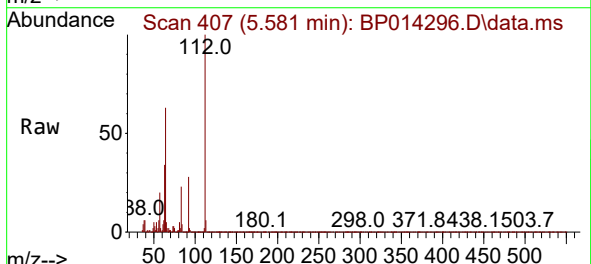
Instrument :
BNA_P
ClientSampleId :
PB151614BL

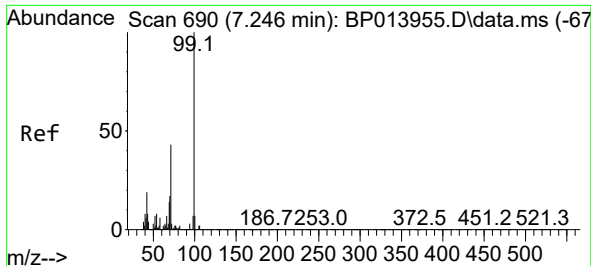
Tgt Ion:152 Resp: 178598
Ion Ratio Lower Upper
152 100
150 149.8 122.3 183.5
115 65.1 51.6 77.4



#5
2-Fluorophenol
Concen: 145.922 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

Tgt Ion:112 Resp: 1606997
Ion Ratio Lower Upper
112 100
64 63.0 46.7 70.1
63 33.8 26.6 40.0

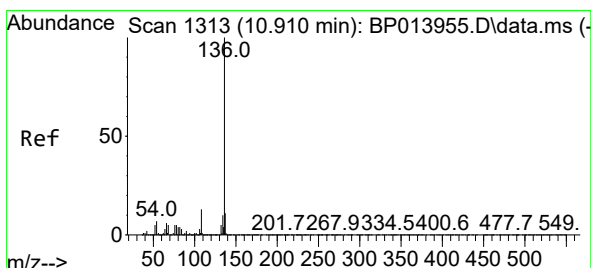
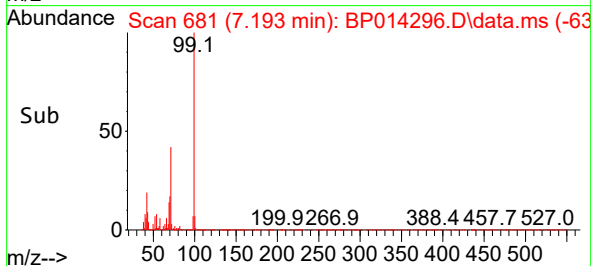
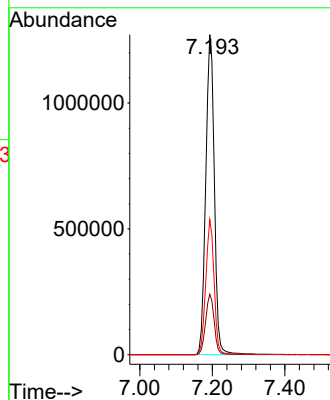
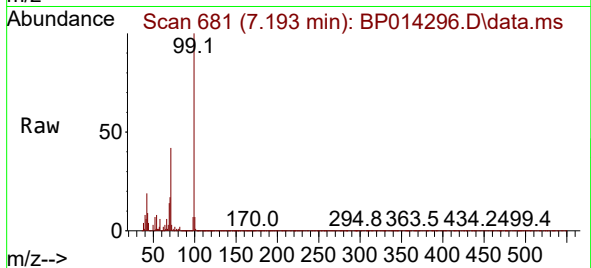




#7
Phenol-d6
Concen: 144.701 ng
RT: 7.193 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

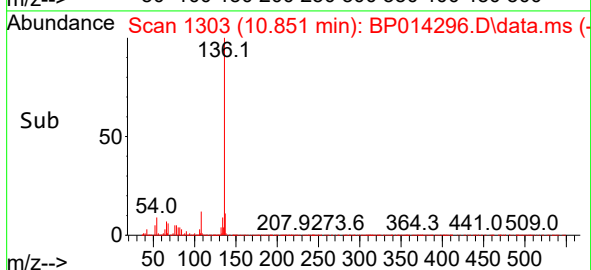
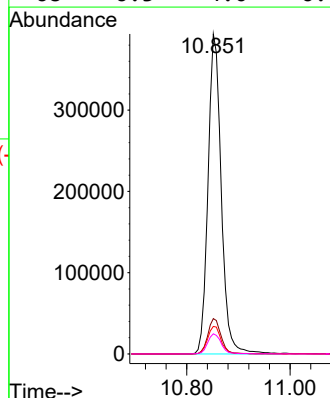
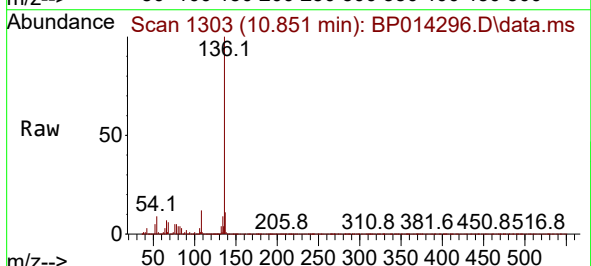
Instrument :
BNA_P
ClientSampleId :
PB151614BL

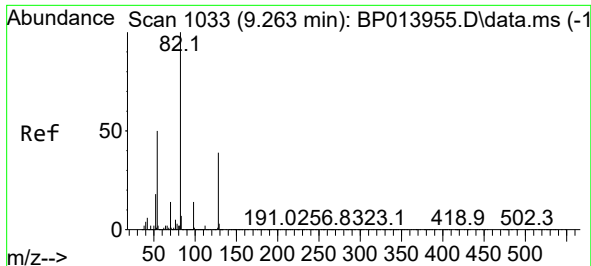
Tgt Ion: 99 Resp: 2092217
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 42.2 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

Tgt Ion:136 Resp: 700285
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.6 5.8 8.8
68 6.3 4.0 6.0#

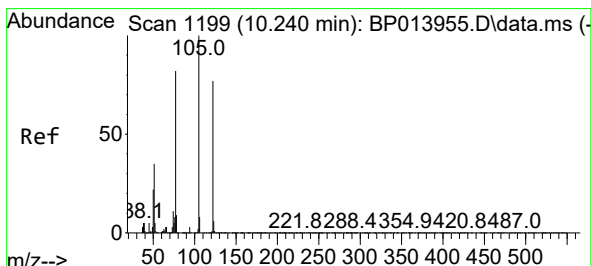
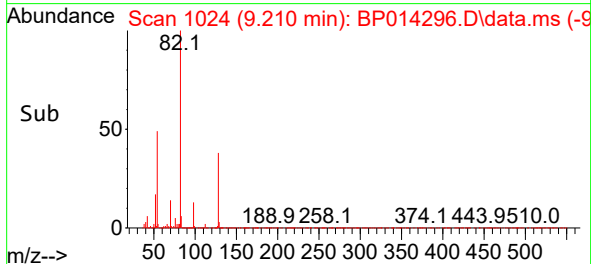
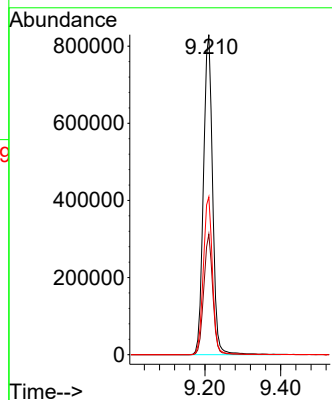
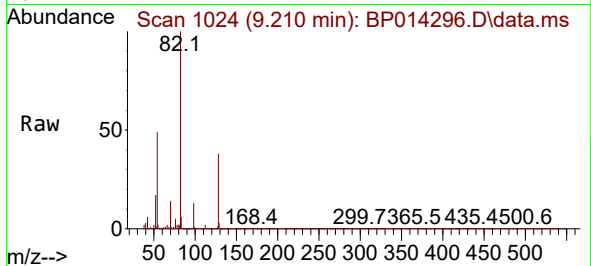




#23
Nitrobenzene-d5
Concen: 90.867 ng
RT: 9.210 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

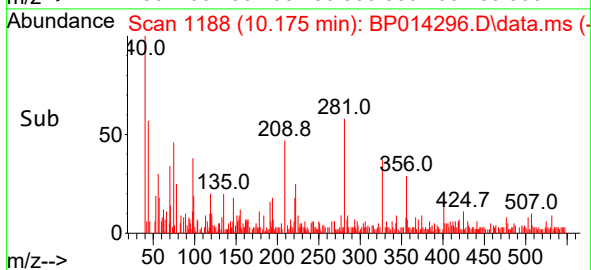
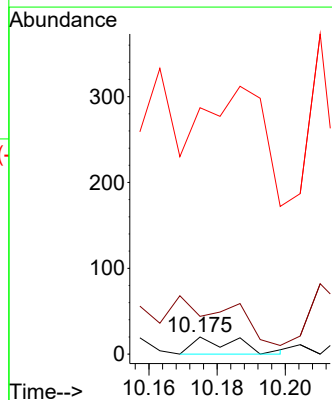
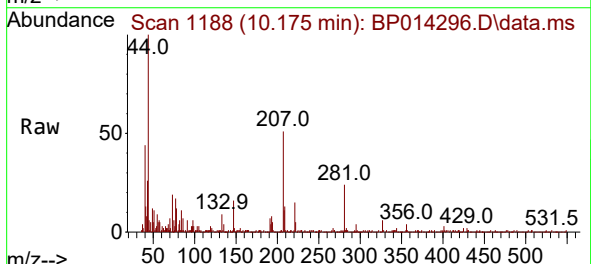
Instrument :
BNA_P
ClientSampleId :
PB151614BL

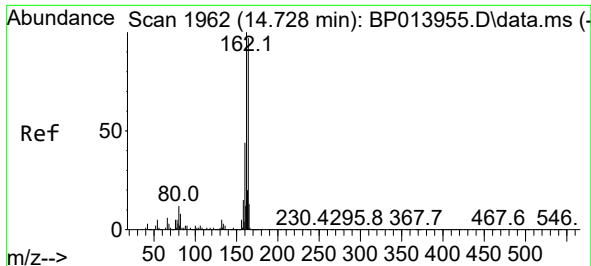
Tgt Ion: 82 Resp: 1392237
Ion Ratio Lower Upper
82 100
128 37.6 31.1 46.7
54 49.3 40.0 60.0



#32
Benzoic acid
Concen: 2.703 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 220.0 108.2 148.2#
77 1435.0 85.2 125.2#

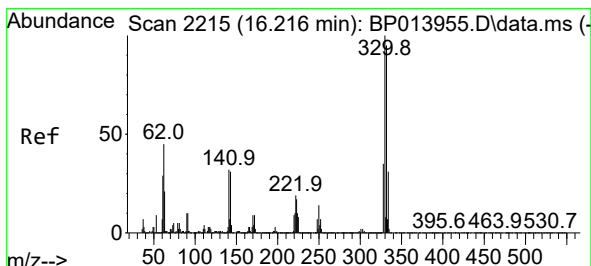
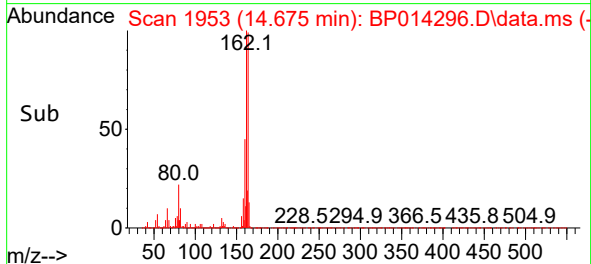
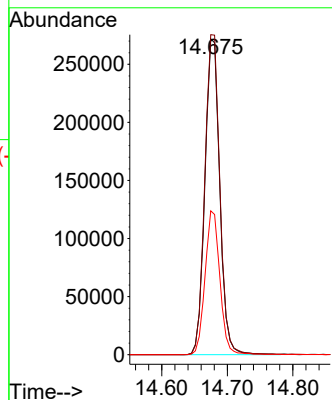
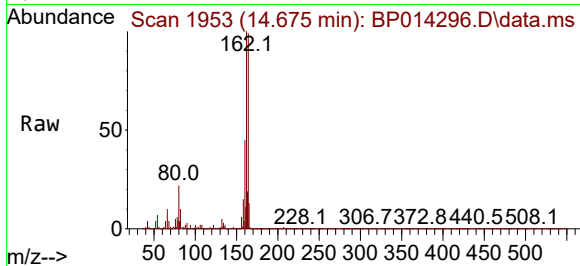




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

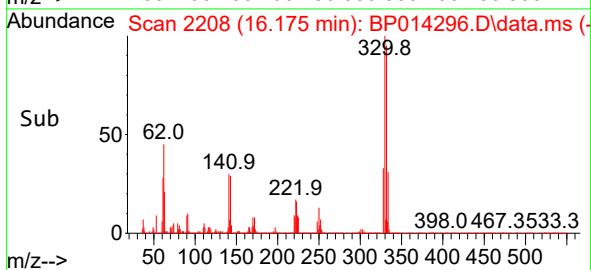
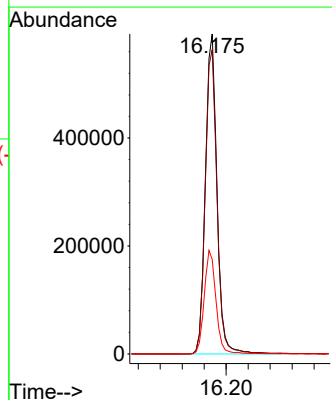
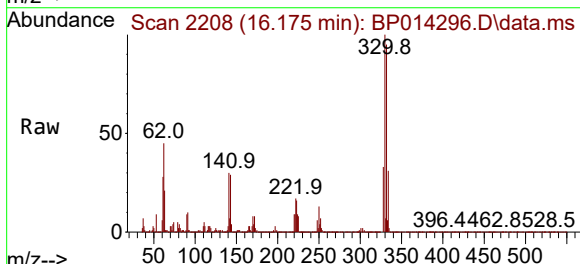
Instrument :
BNA_P
ClientSampleId :
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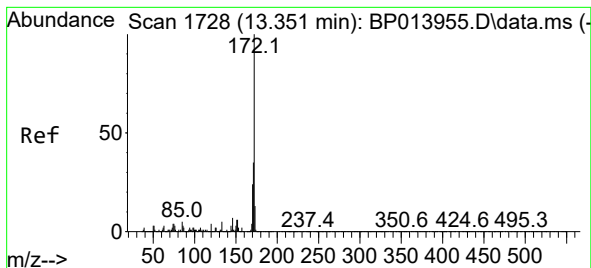
Tgt Ion:164 Resp: 428144
Ion Ratio Lower Upper
164 100
162 101.3 82.1 123.1
160 45.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 124.892 ng
RT: 16.175 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

Tgt Ion:330 Resp: 866963
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.1 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 88.394 ng

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014296.D

Acq: 24 Mar 2023 19:32

Instrument :

BNA_P

ClientSampleId :

PB151614BL

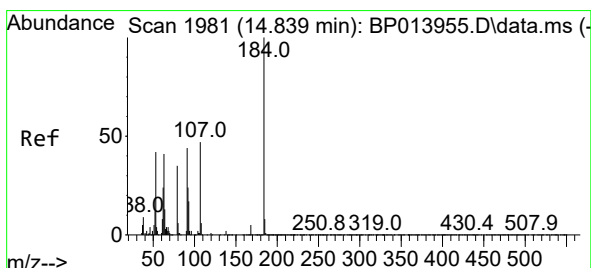
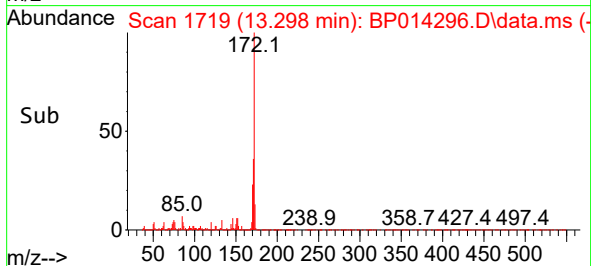
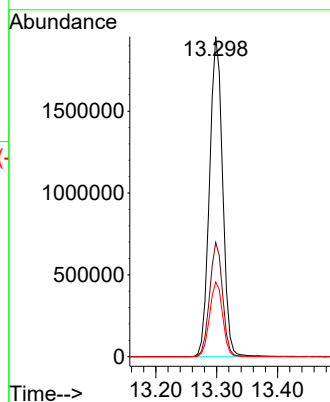
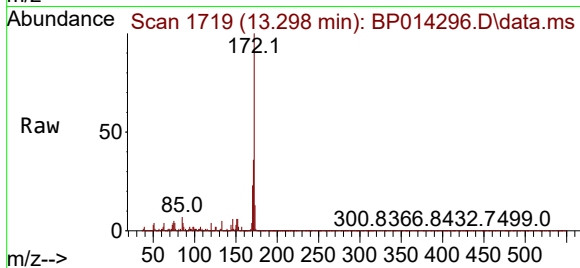
Tgt Ion:172 Resp: 2921125

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: 3.081 ng

RT: 14.769 min Scan# 1969

Delta R.T. -0.029 min

Lab File: BP014296.D

Acq: 24 Mar 2023 19:32

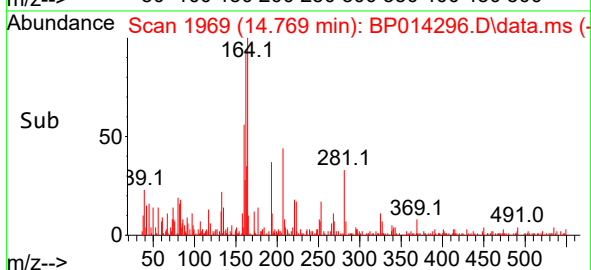
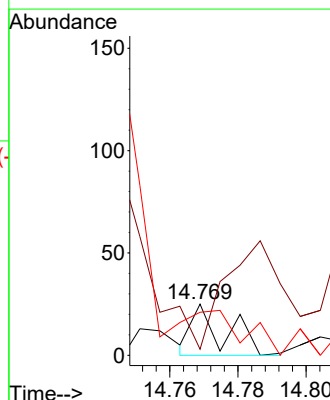
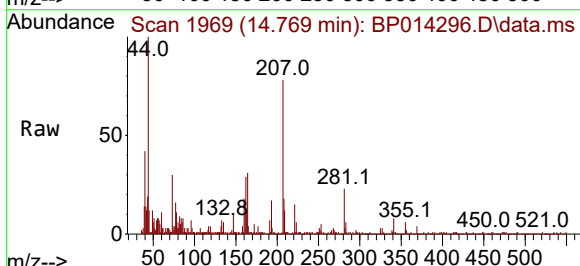
Tgt Ion:184 Resp: 17

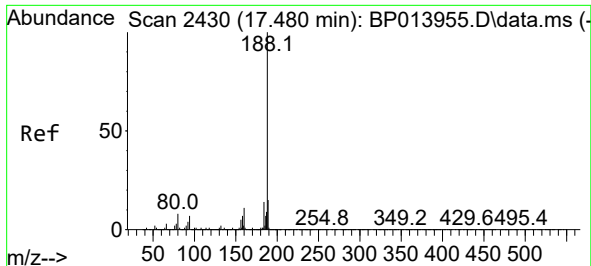
Ion Ratio Lower Upper

184 100

63 64.0 52.4 78.6

154 84.0 59.4 89.2

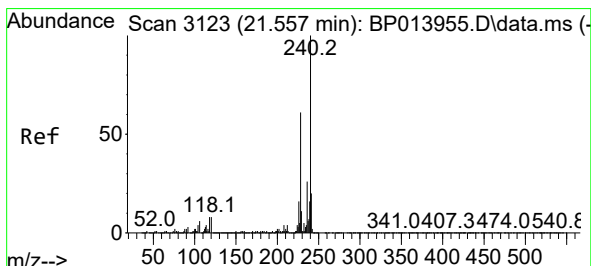
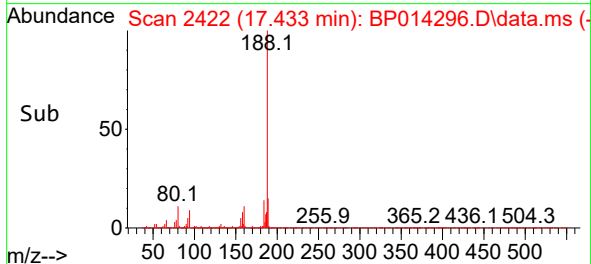
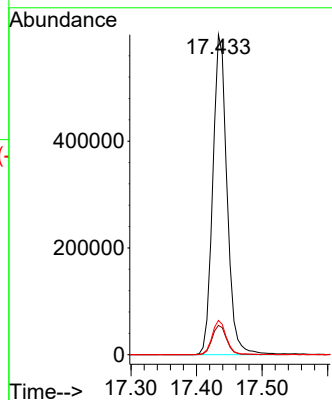
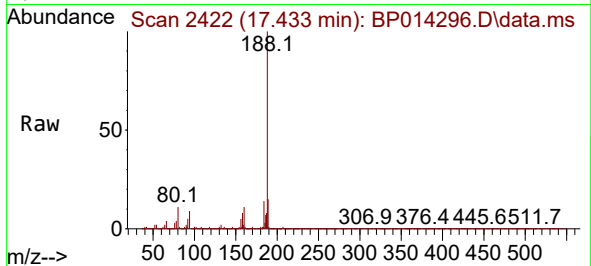




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

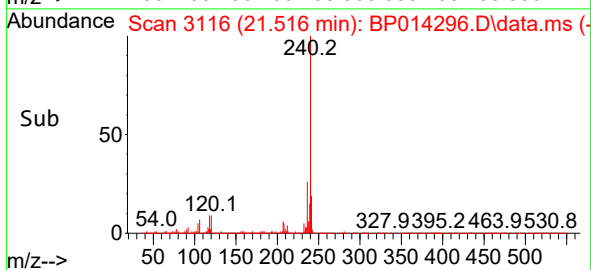
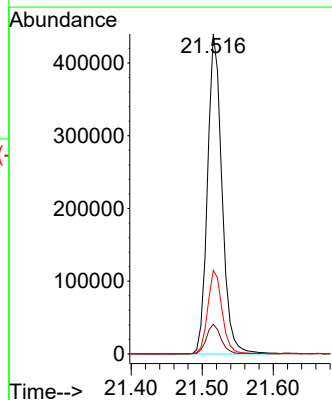
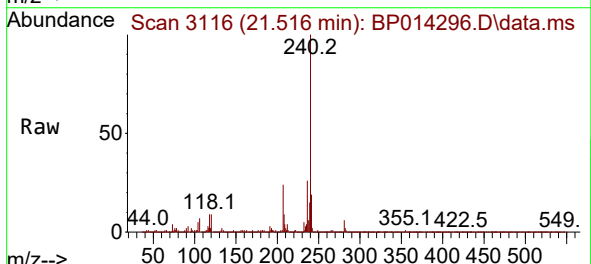
Instrument :
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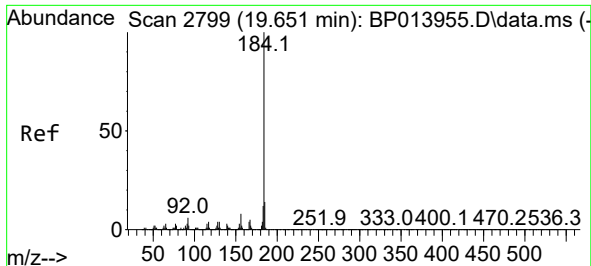
Tgt Ion:188 Resp: 903585
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 10.7 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

Tgt Ion:240 Resp: 622535
Ion Ratio Lower Upper
240 100
120 9.3 6.4 9.6
236 26.1 21.2 31.8

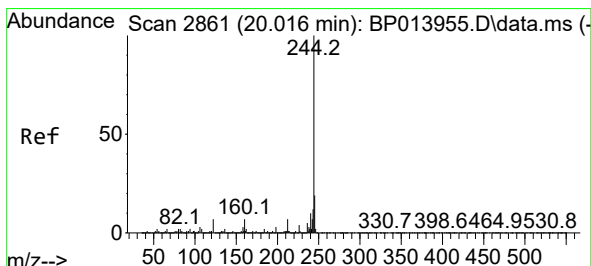
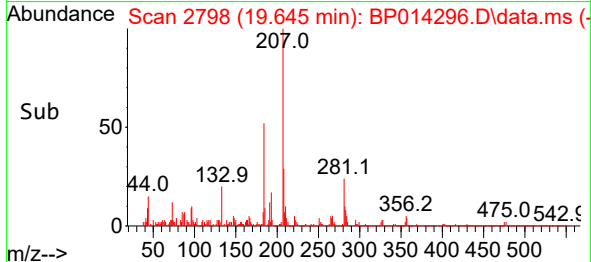
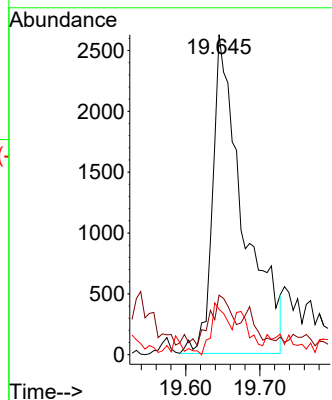
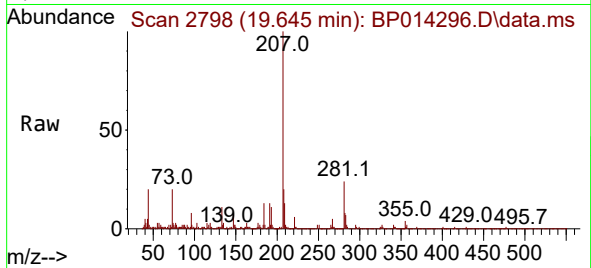




#77
Benzidine
Concen: 3.325 ng
RT: 19.645 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

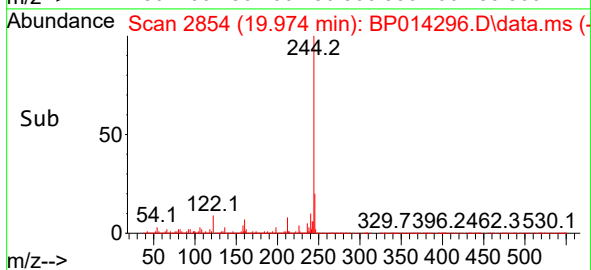
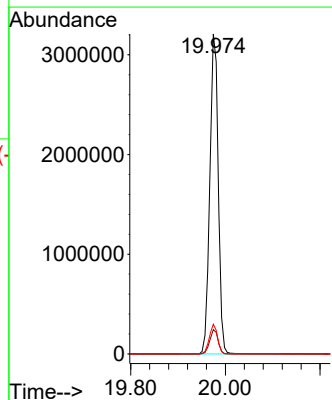
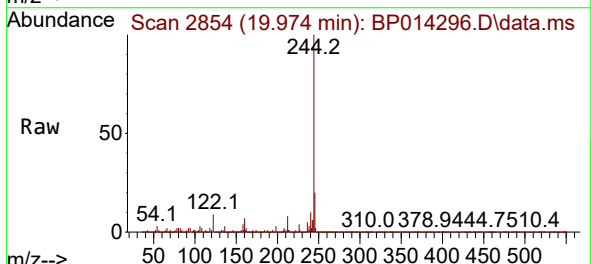
Instrument :
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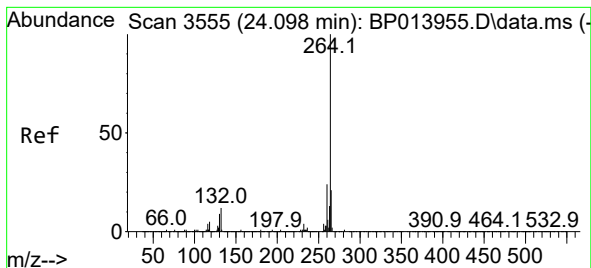
Tgt Ion:184 Resp: 7495
Ion Ratio Lower Upper
184 100
185 18.6 11.6 17.4#
183 14.1 9.7 14.5



#79
Terphenyl-d14
Concen: 104.461 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014296.D
Acq: 24 Mar 2023 19:32

Tgt Ion:244 Resp: 3943778
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 9.3 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: BP014296.D

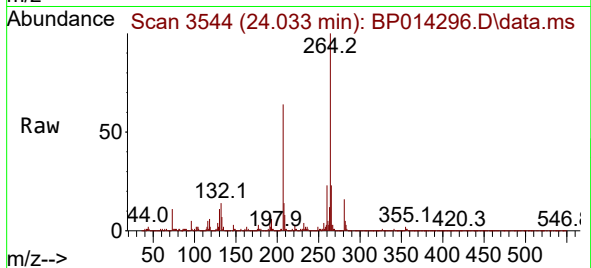
Acq: 24 Mar 2023 19:32

Instrument :

BNA_P

ClientSampleId :

PB151614BL



Tgt Ion:264 Resp: 522453

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.9 17.8 26.8

