

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014311.D
 Acq On : 25 Mar 2023 04:05
 Operator : CG/JU
 Sample : 02023-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-12-TEST-PIT-ON-OCEAN

Quant Time: Mar 25 04:49:34 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)

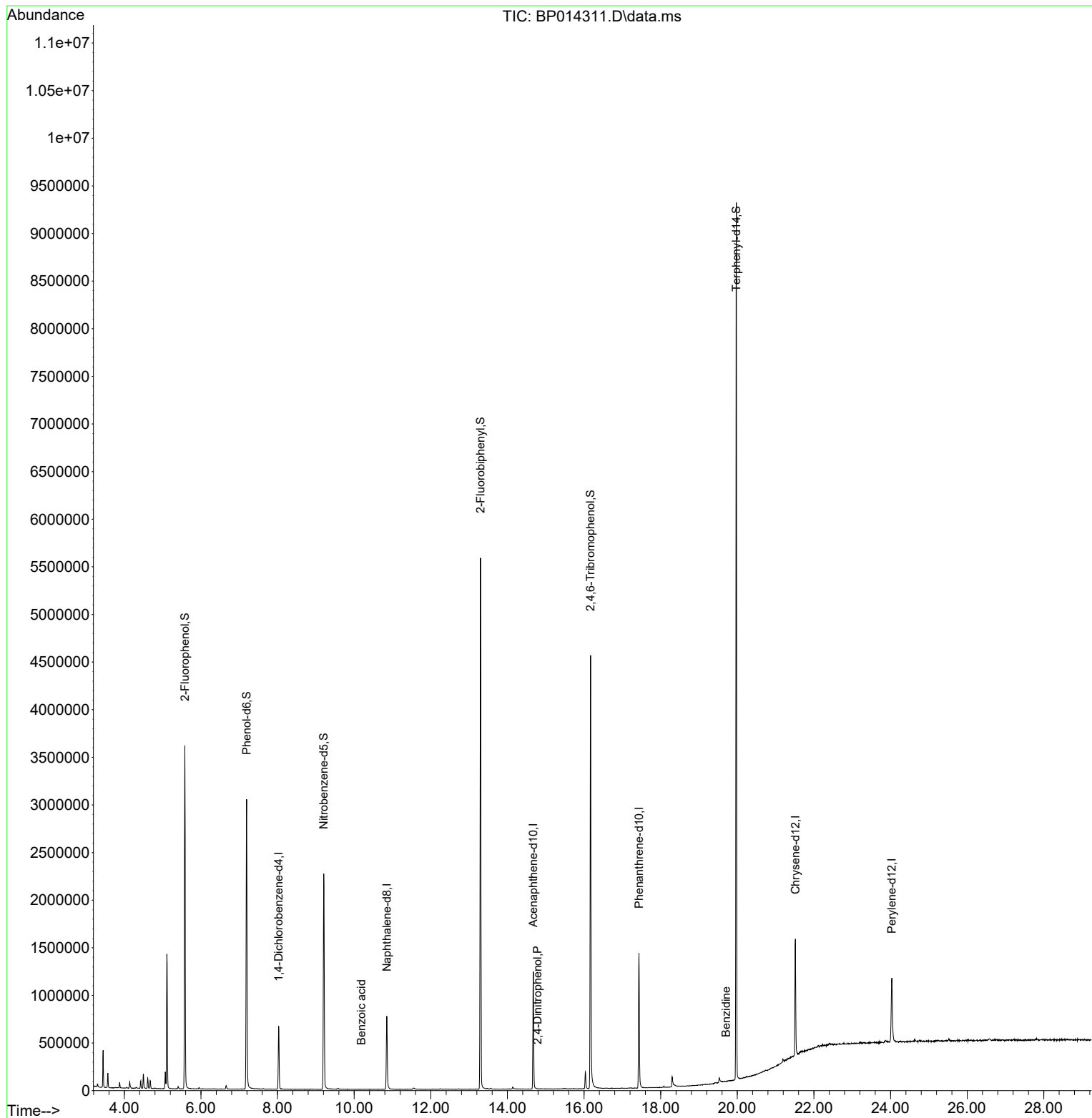
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	164111	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	625582	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	397792	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	870296	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	638429	20.000	ng	0.00
86) Perylene-d12	24.033	264	575815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1409233	139.260	ng	0.00
7) Phenol-d6	7.193	99	1668726	125.600	ng	0.00
23) Nitrobenzene-d5	9.204	82	1356592	99.114	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	880253	136.482	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2779321	90.520	ng	0.00
79) Terphenyl-d14	19.974	244	4151192	107.218	ng	0.00
Target Compounds						
32) Benzoic acid	10.187	122	12	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.786	184	9	3.080	ng	# 1
77) Benzidine	19.704	184	67	2.839	ng	98

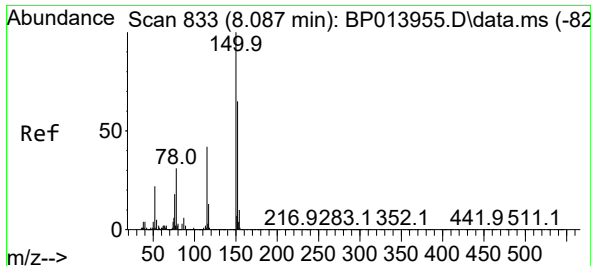
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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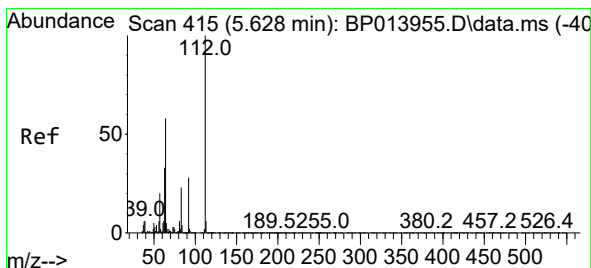
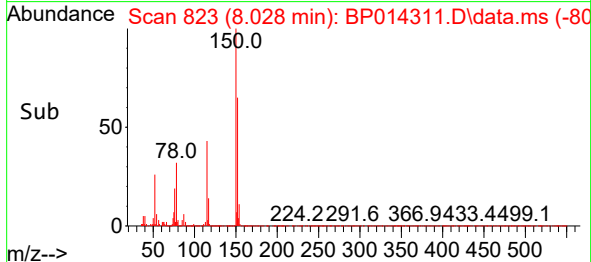
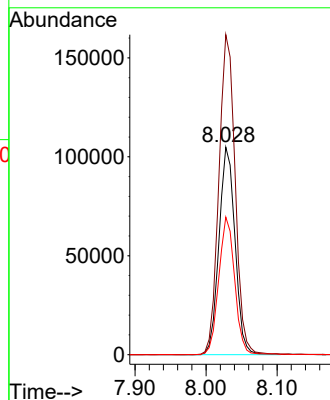
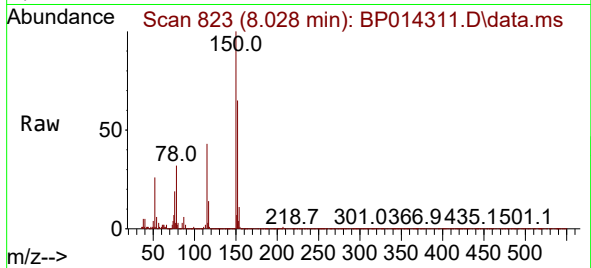




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014311.D
Acq: 25 Mar 2023 04:05

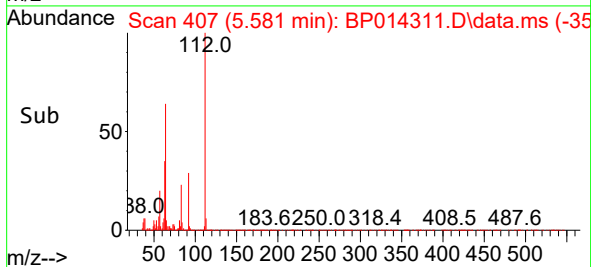
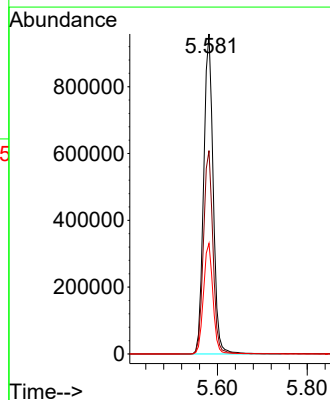
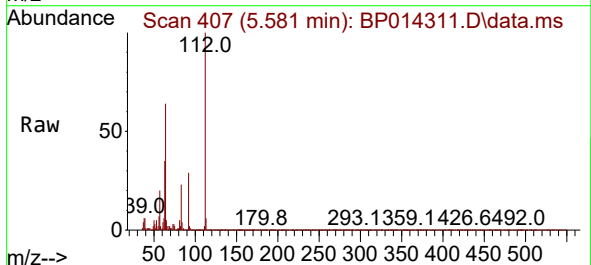
Instrument :
BNA_P
ClientSampleId :
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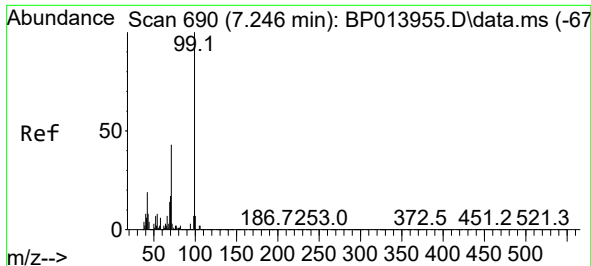
Tgt Ion:152 Resp: 164111
Ion Ratio Lower Upper
152 100
150 154.2 122.3 183.5
115 66.4 51.6 77.4



#5
2-Fluorophenol
Concen: 139.260 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014311.D
Acq: 25 Mar 2023 04:05

Tgt Ion:112 Resp: 1409233
Ion Ratio Lower Upper
112 100
64 63.6 46.7 70.1
63 34.6 26.6 40.0

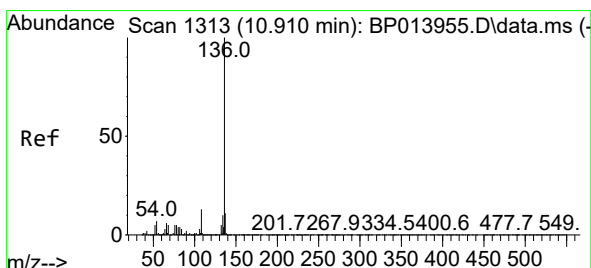
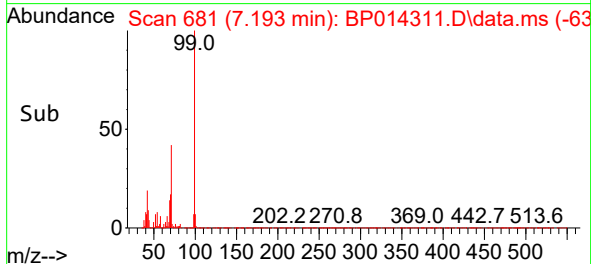
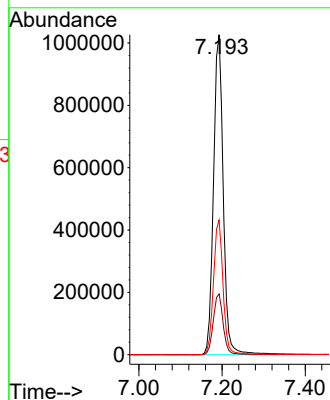
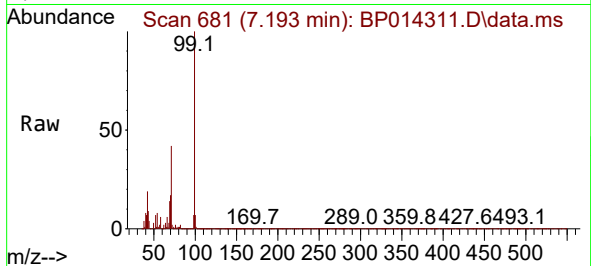




#7
Phenol-d6
Concen: 125.600 ng
RT: 7.193 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014311.D
Acq: 25 Mar 2023 04:05

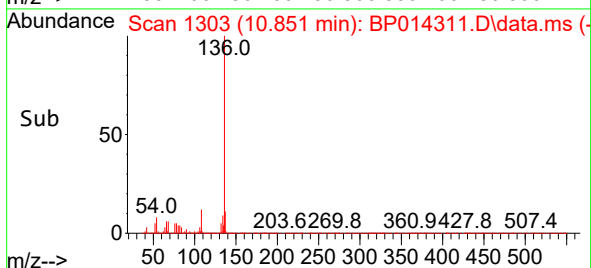
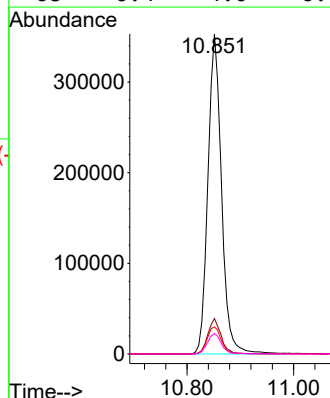
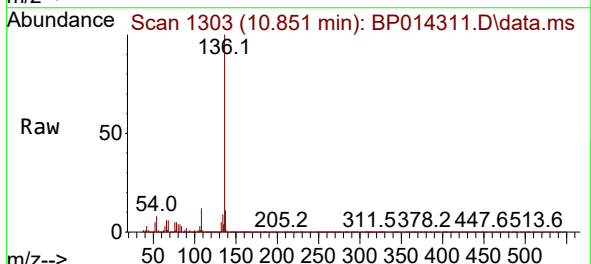
Instrument :
BNA_P
ClientSampleId :
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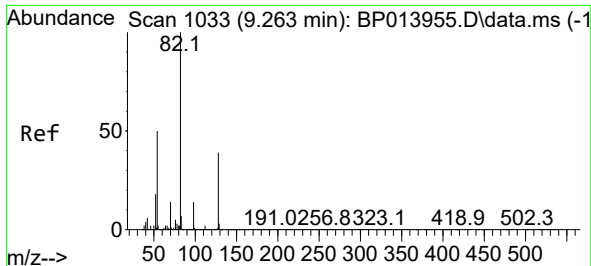
Tgt Ion: 99 Resp: 1668726
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.6
71 42.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014311.D
Acq: 25 Mar 2023 04:05

Tgt Ion:136 Resp: 625582
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.5 5.8 8.8
68 6.4 4.0 6.0#

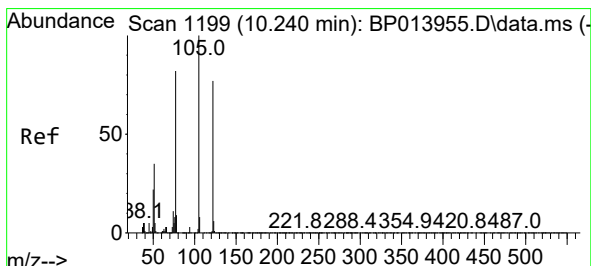
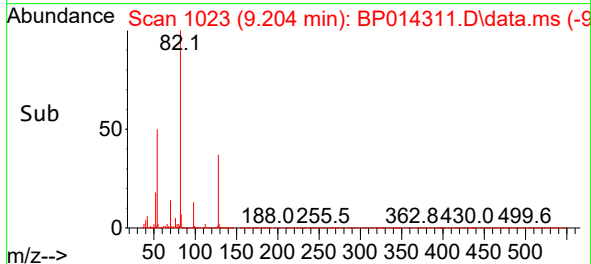
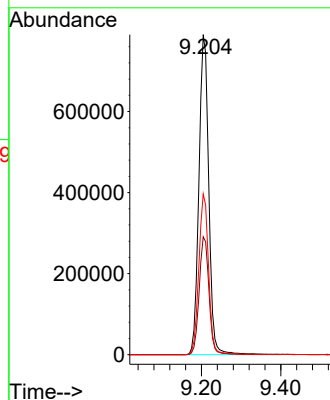
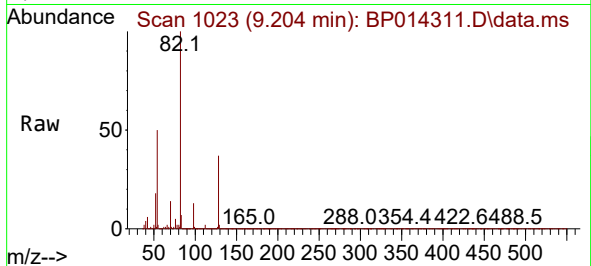




#23
Nitrobenzene-d5
Concen: 99.114 ng
RT: 9.204 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP014311.D
Acq: 25 Mar 2023 04:05

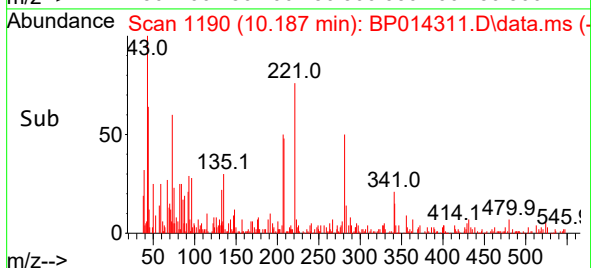
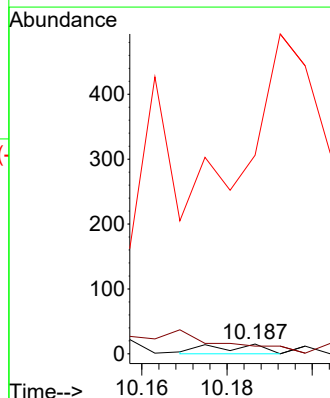
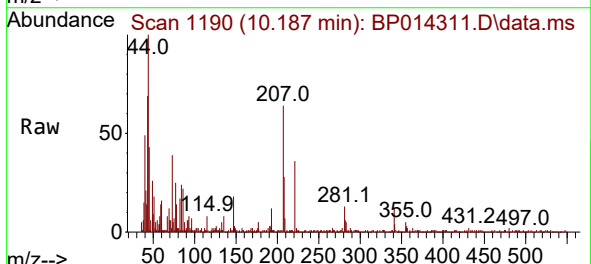
Instrument :
BNA_P
ClientSampleId :
TP-12-TEST-PIT-ON-OCEAN

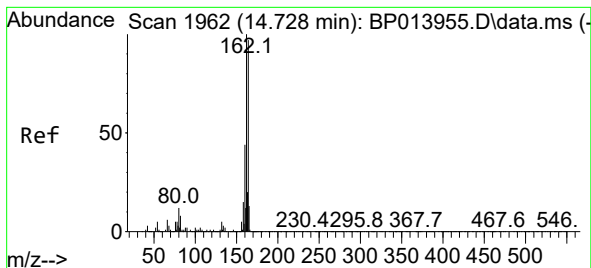
Tgt Ion: 82 Resp: 1356592
Ion Ratio Lower Upper
82 100
128 36.8 31.1 46.7
54 50.3 40.0 60.0



#32
Benzoic acid
Concen: 2.703 ng
RT: 10.187 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP014311.D
Acq: 25 Mar 2023 04:05

Tgt Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 80.0 108.2 148.2#
77 2040.0 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: BP014311.D

Acq: 25 Mar 2023 04:05

Instrument :

BNA_P

ClientSampleId :

TP-12-TEST-PIT-ON-OCEAN

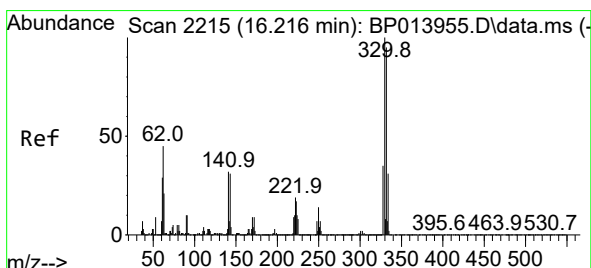
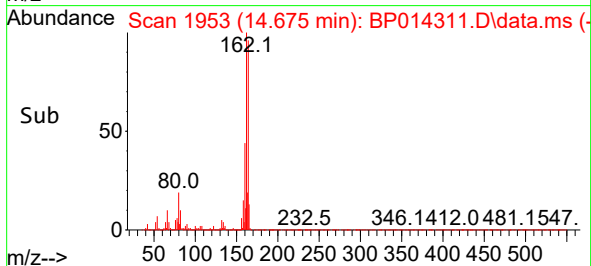
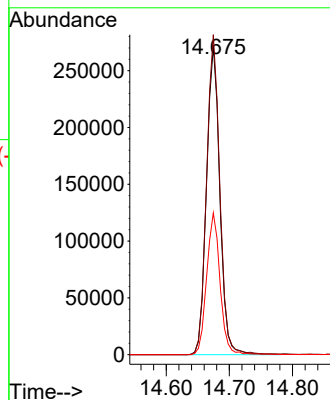
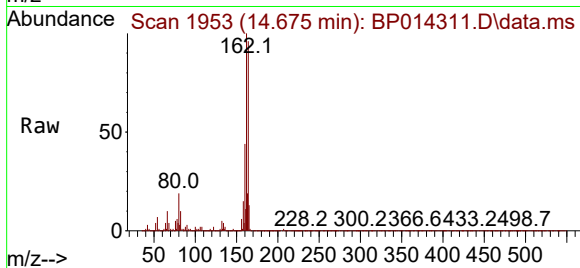
Tgt Ion:164 Resp: 397792

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

160 46.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 136.482 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014311.D

Acq: 25 Mar 2023 04:05

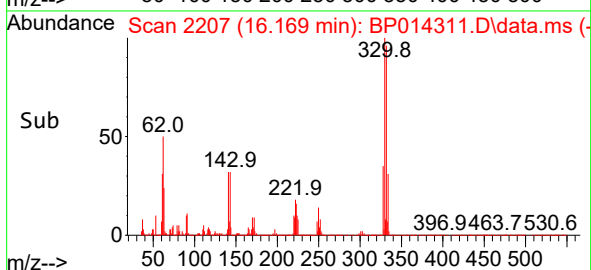
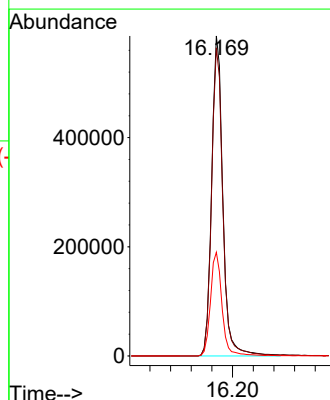
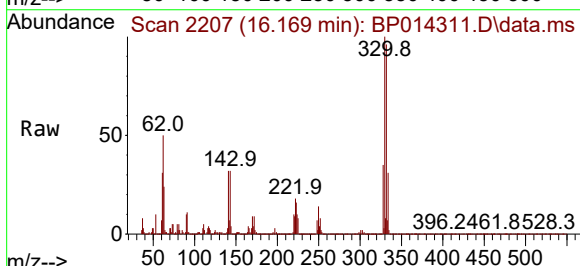
Tgt Ion:330 Resp: 880253

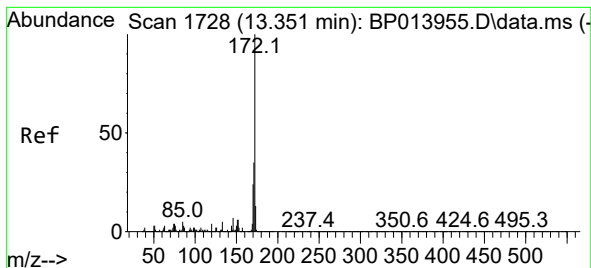
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 33.5 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 90.520 ng

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014311.D

Acq: 25 Mar 2023 04:05

Instrument :

BNA_P

ClientSampleId :

TP-12-TEST-PIT-ON-OCEAN

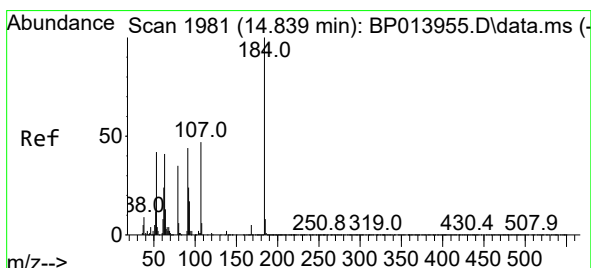
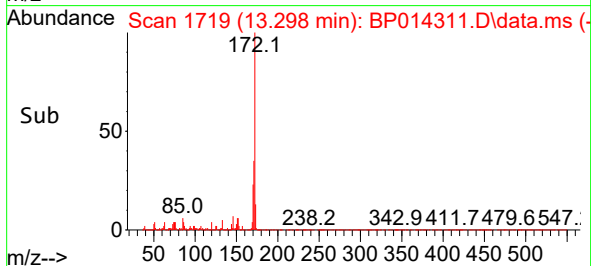
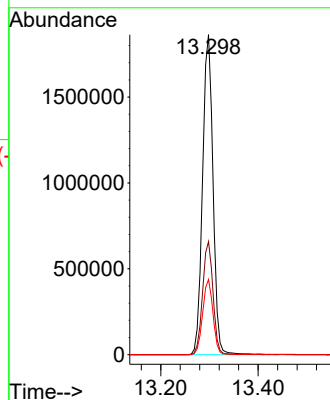
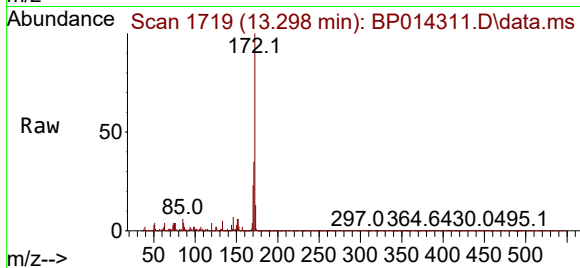
Tgt Ion:172 Resp: 2779321

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.080 ng

RT: 14.786 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BP014311.D

Acq: 25 Mar 2023 04:05

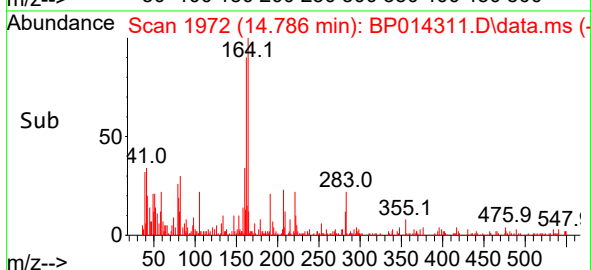
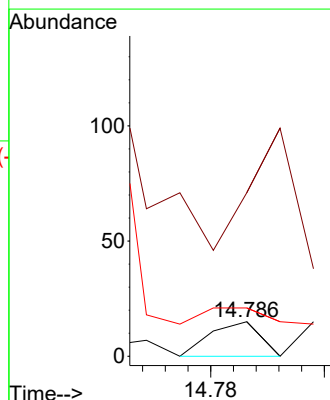
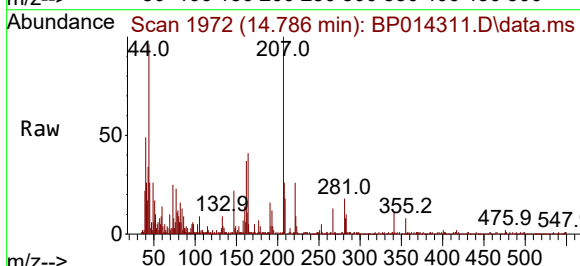
Tgt Ion:184 Resp: 9

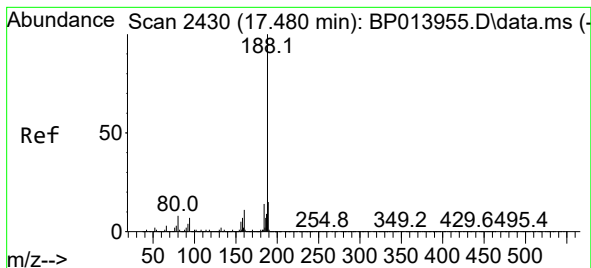
Ion Ratio Lower Upper

184 100

63 560.0 52.4 78.6#

154 140.0 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: BP014311.D

Acq: 25 Mar 2023 04:05

Instrument :

BNA_P

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TP-12-TEST-PIT-ON-OCEAN

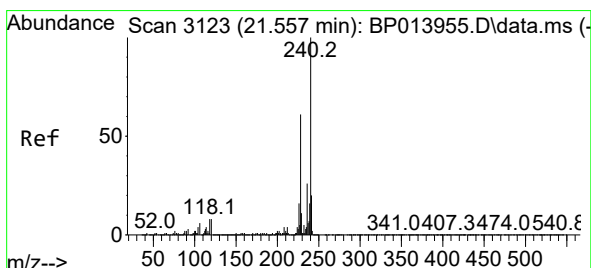
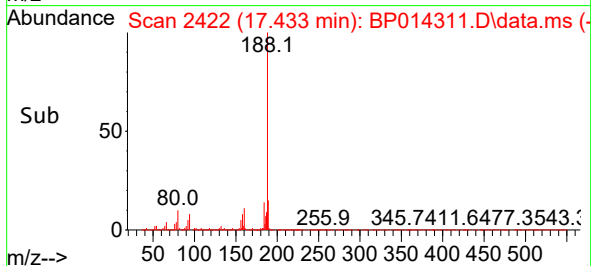
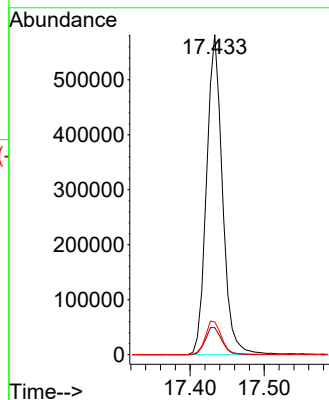
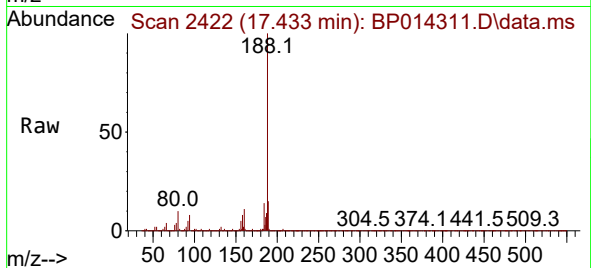
Tgt Ion:188 Resp: 870296

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

80 10.3 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: BP014311.D

Acq: 25 Mar 2023 04:05

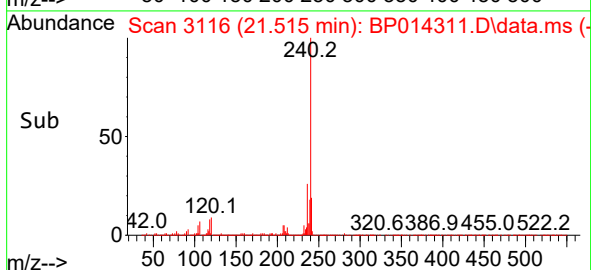
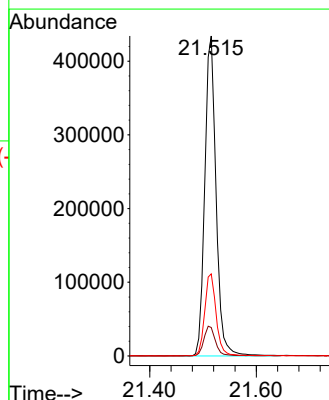
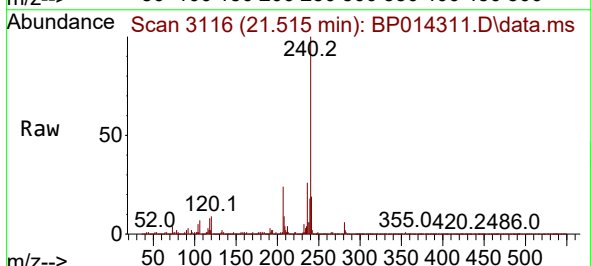
Tgt Ion:240 Resp: 638429

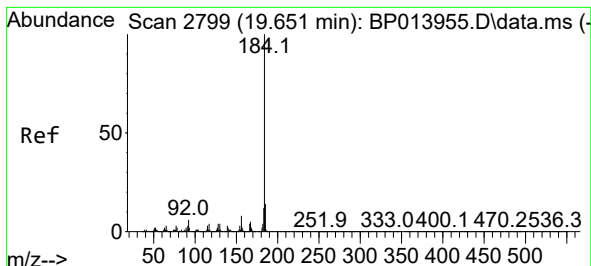
Ion Ratio Lower Upper

240 100

120 8.9 6.4 9.6

236 25.6 21.2 31.8





#77

Benzidine

Concen: 2.839 ng

RT: 19.704 min Scan# 21

Delta R.T. 0.082 min

Lab File: BP014311.D

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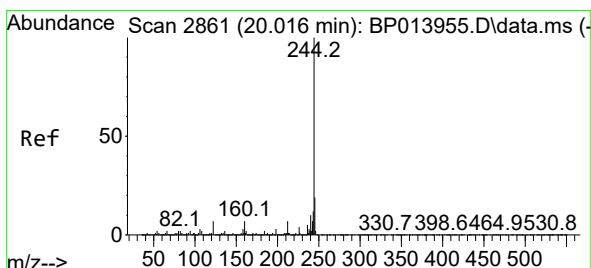
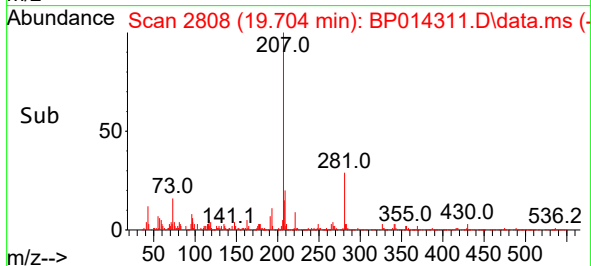
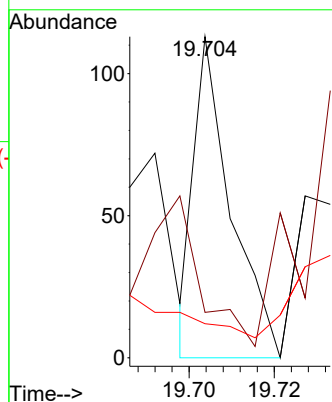
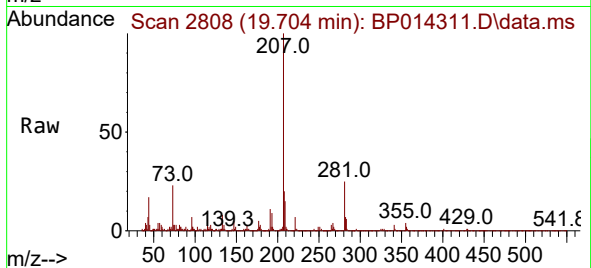
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 10.6 9.7 14.5



#79

Terphenyl-d14

Concen: 107.218 ng

RT: 19.974 min Scan# 2854

Delta R.T. -0.000 min

Lab File: BP014311.D

Acq: 25 Mar 2023 04:05

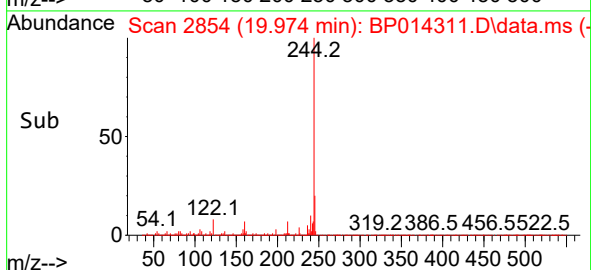
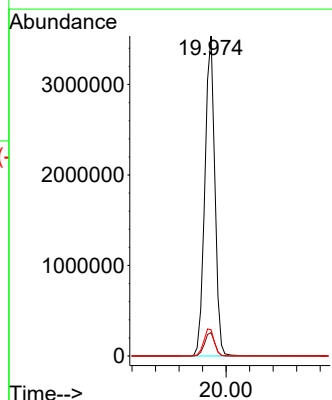
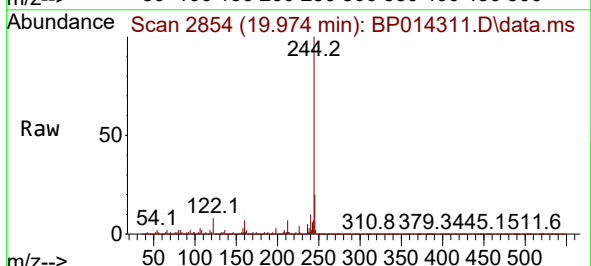
Tgt Ion:244 Resp: 4151192

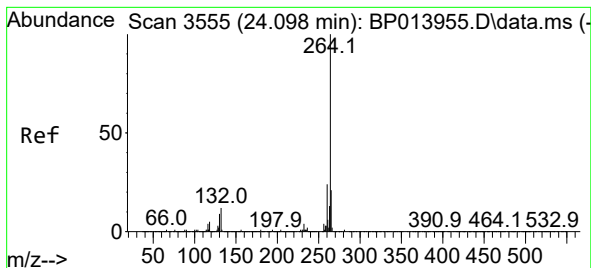
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.2 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014311.D

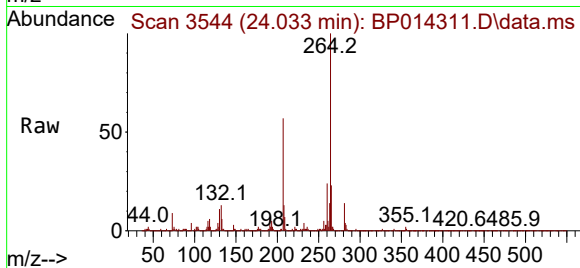
Acq: 25 Mar 2023 04:05

Instrument :

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Tgt Ion:264 Resp: 575815

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 23.2 17.8 26.8

