

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009053.D
 Acq On : 08 Feb 2022 12:08
 Operator : CG/JU
 Sample : PB142420TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142420TB

Quant Time: Feb 08 12:53:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	214041	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	941216	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	640650	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1380604	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1189873	20.000	ng	0.00
86) Perylene-d12	23.704	264	1070307	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1628702	135.735	ng	0.00
7) Phenol-d6	6.993	99	2038766	128.947	ng	0.00
23) Nitrobenzene-d5	8.969	82	1303909	78.125	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1204842	140.854	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3630915	79.340	ng	0.00
79) Terphenyl-d14	19.775	244	5765771	87.142	ng	0.00

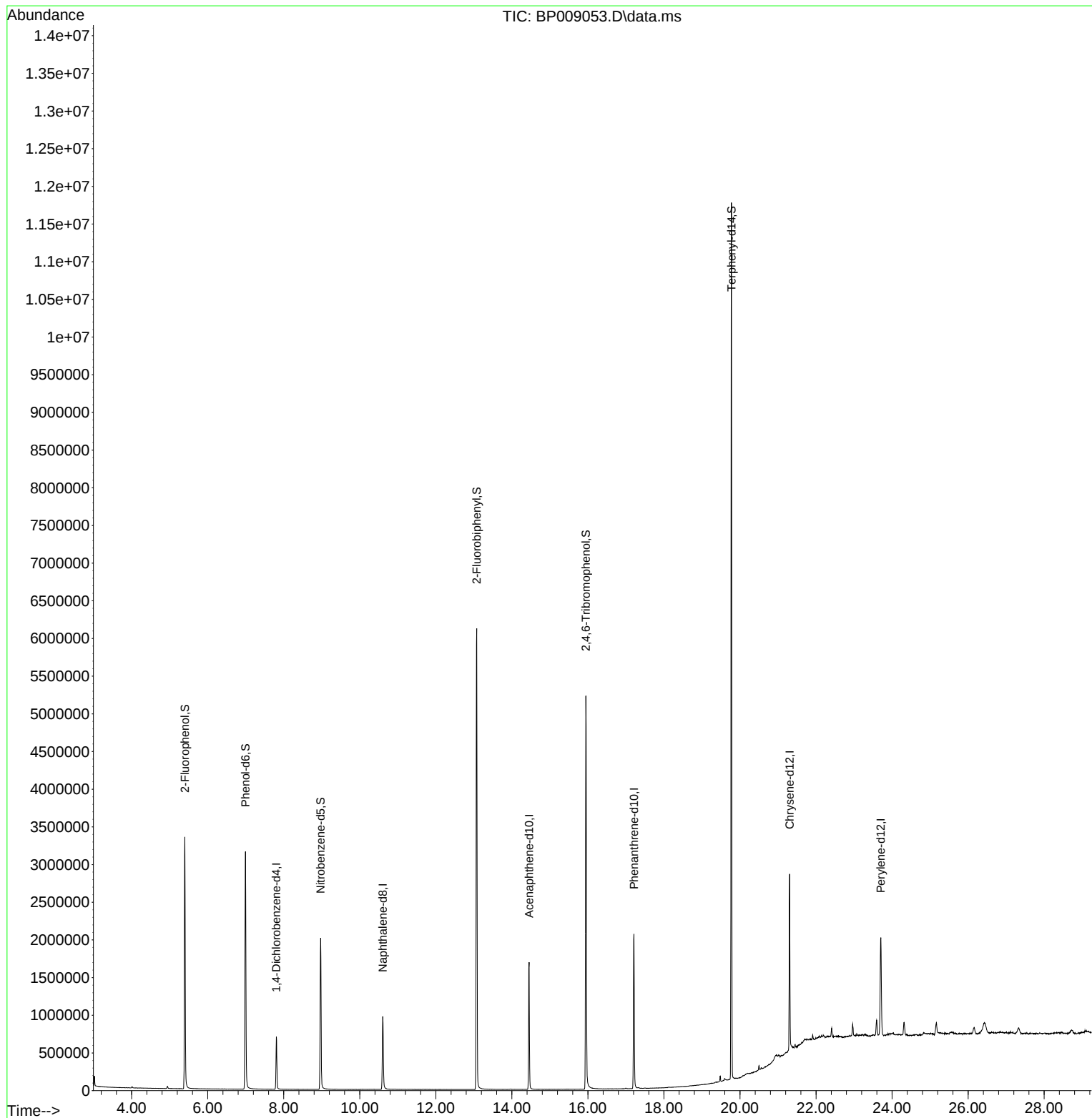
Target Compounds	Qvalue

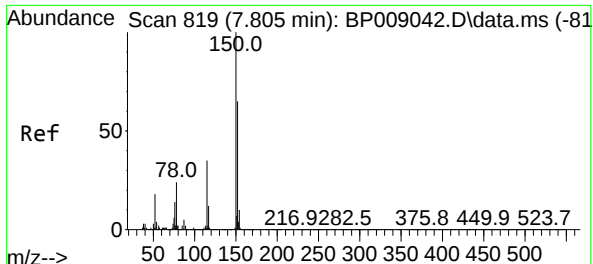
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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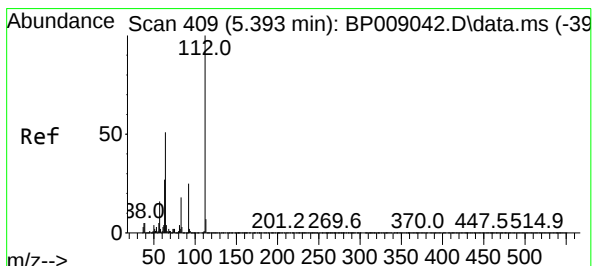
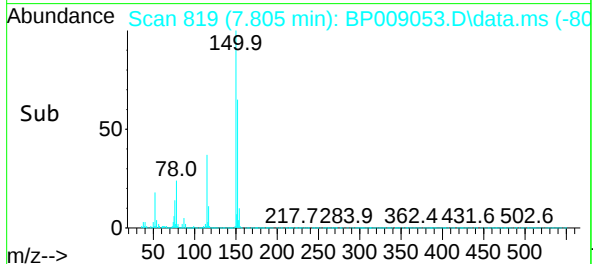
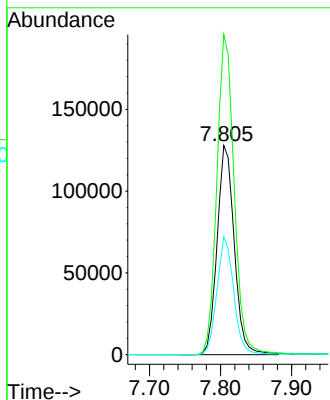
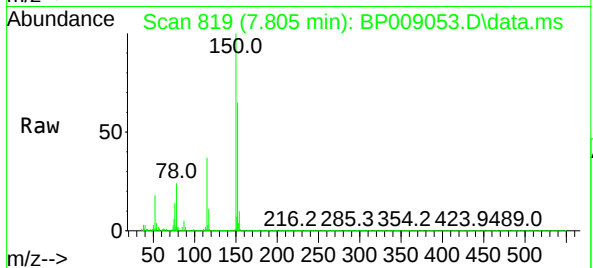




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

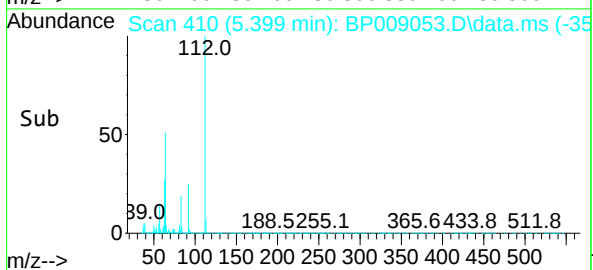
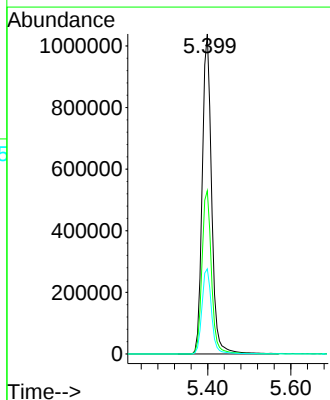
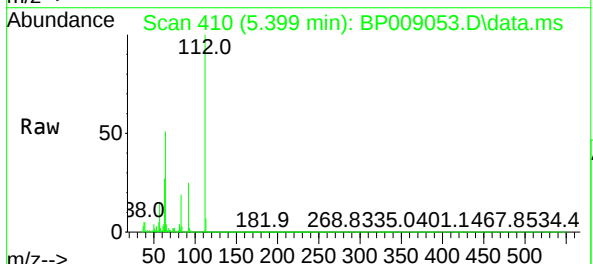
Instrument :
BNA_P
ClientSampleId :
PB142420TB

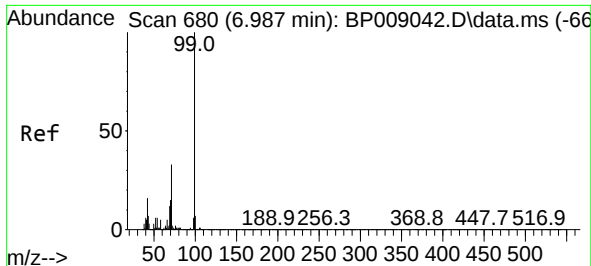
Tgt Ion:152 Resp: 214041
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 56.5 43.7 65.5



#5
2-Fluorophenol
Concen: 135.735 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:112 Resp: 1628702
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 26.6 20.0 30.0

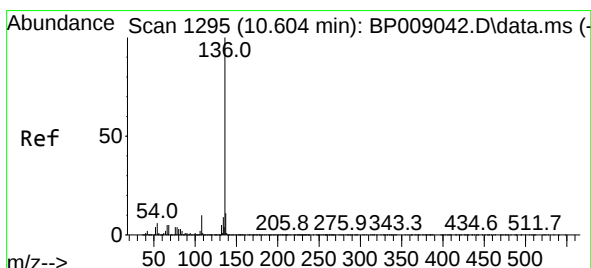
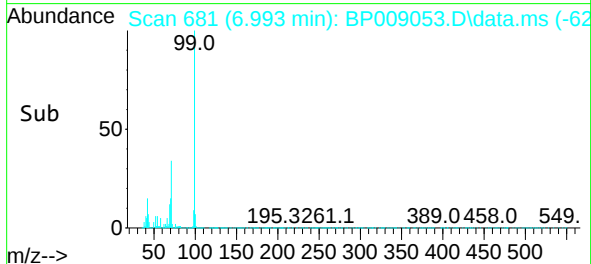
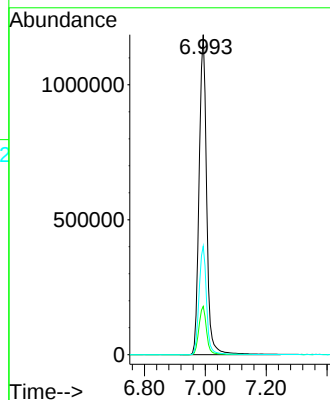
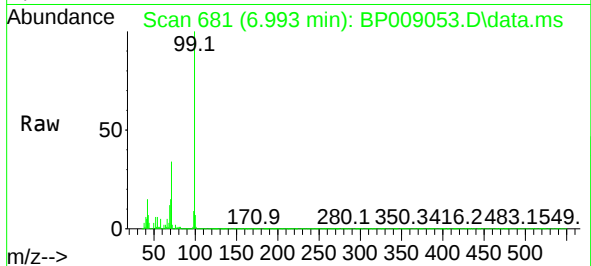




#7
Phenol-d6
Concen: 128.947 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

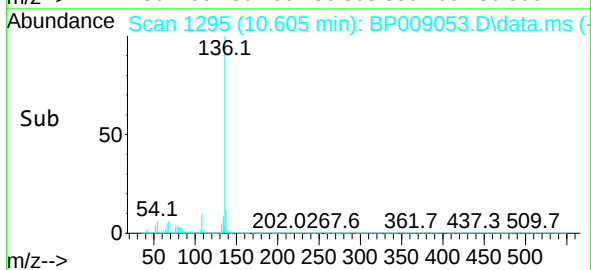
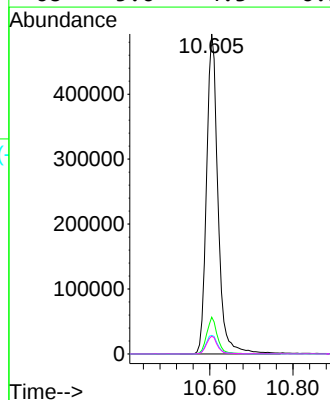
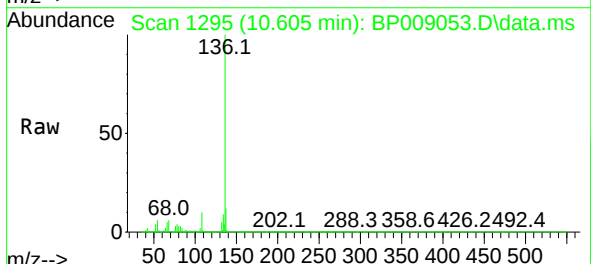
Instrument :
BNA_P
ClientSampleId :
PB142420TB

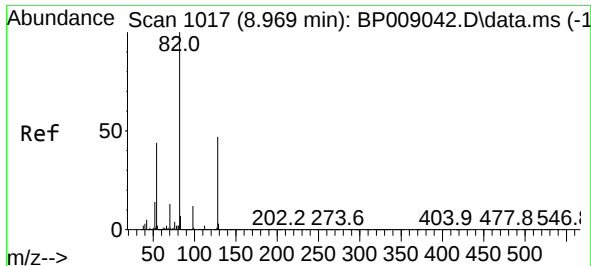
Tgt Ion: 99 Resp: 2038766
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 33.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion: 136 Resp: 941216
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 5.8 4.9 7.3
68 5.6 4.3 6.5

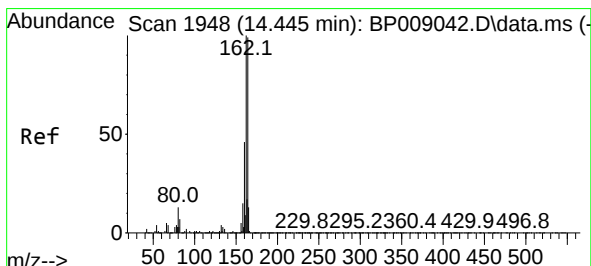
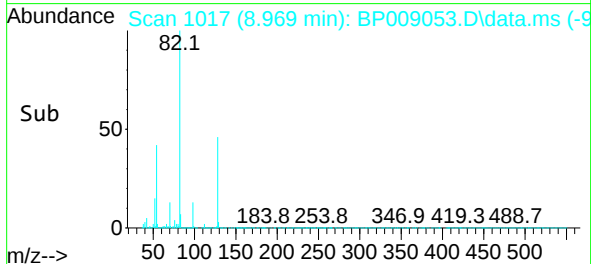
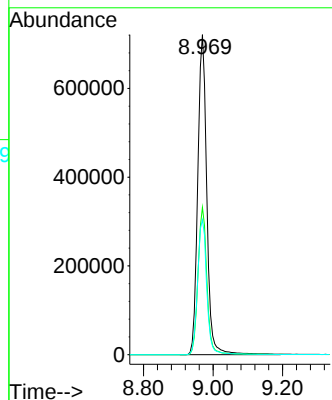
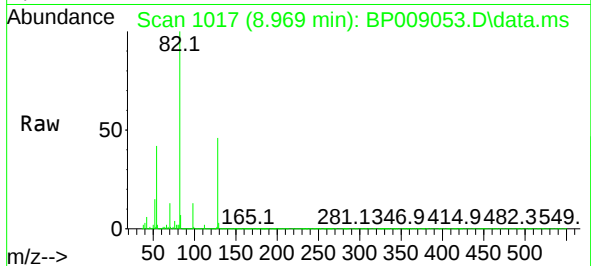




#23
Nitrobenzene-d5
Concen: 78.125 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

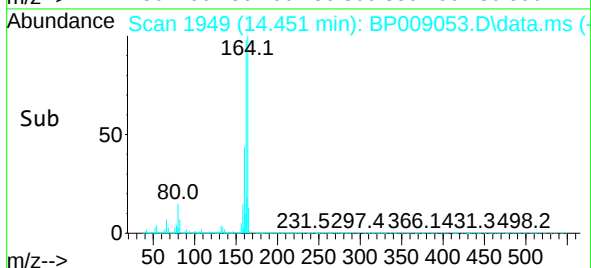
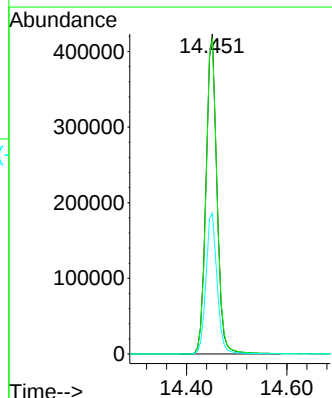
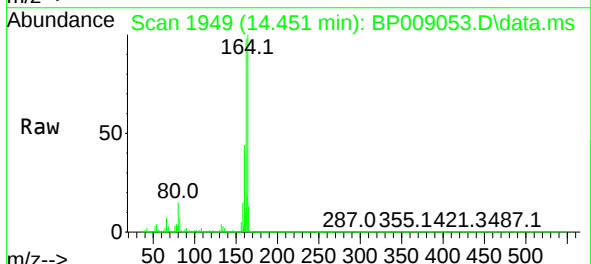
Instrument :
BNA_P
ClientSampleId :
PB142420TB

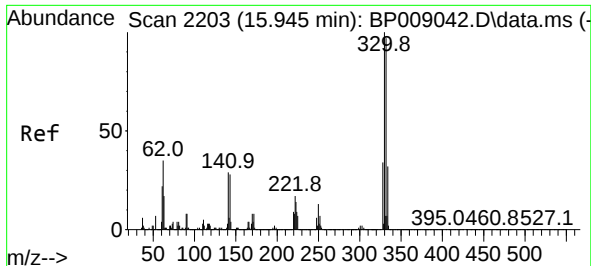
Tgt Ion: 82 Resp: 1303909
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 42.2 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:164 Resp: 640650
Ion Ratio Lower Upper
164 100
162 98.3 79.9 119.9
160 44.0 35.5 53.3

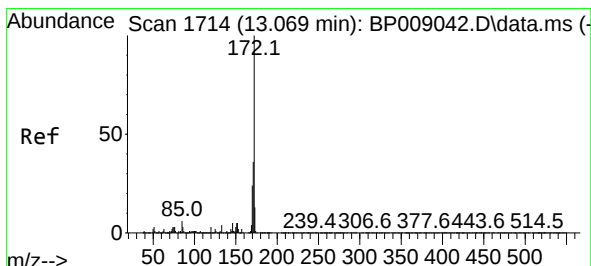
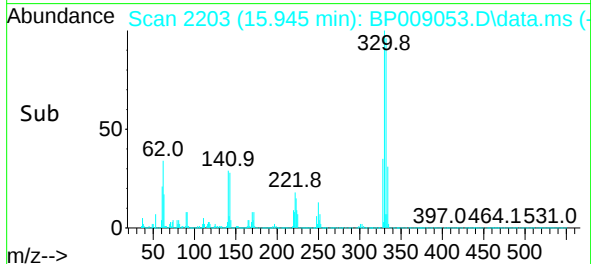
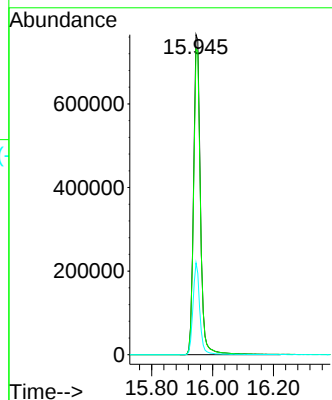
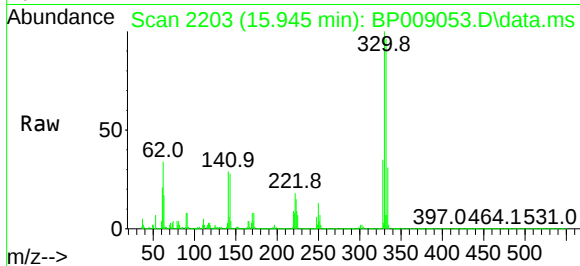




#42
2,4,6-Tribromophenol
Concen: 140.854 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

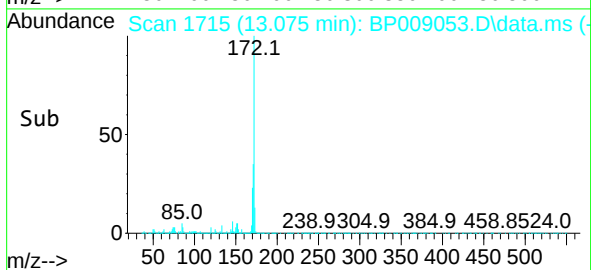
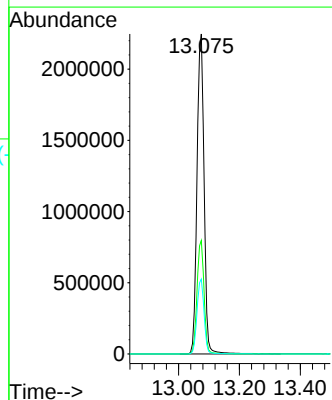
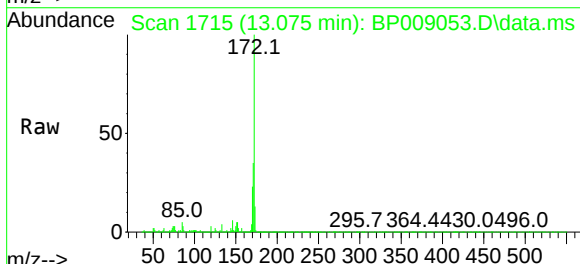
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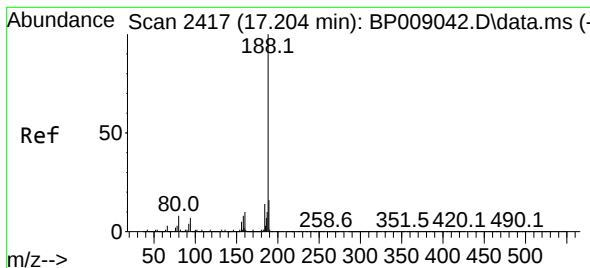
Tgt Ion:330 Resp: 1204842
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 28.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 79.340 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:172 Resp: 3630915
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.4 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP009053.D

Acq: 08 Feb 2022 12:08

Instrument :

BNA_P

ClientSampleId :

PB142420TB

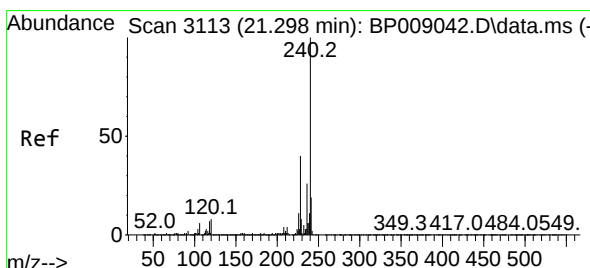
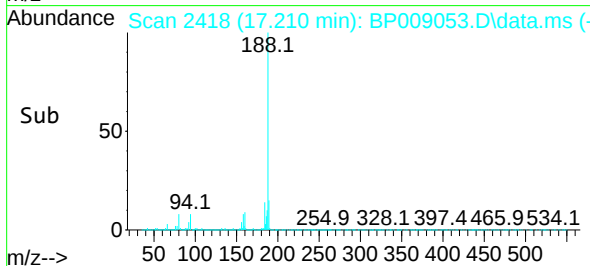
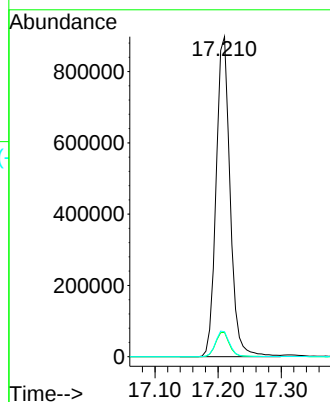
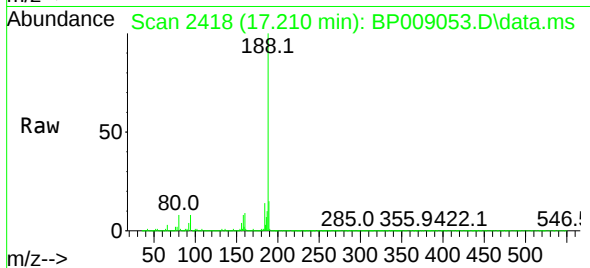
Tgt Ion:188 Resp: 1380604

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

80 7.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009053.D

Acq: 08 Feb 2022 12:08

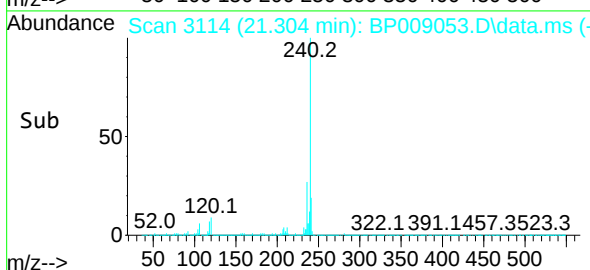
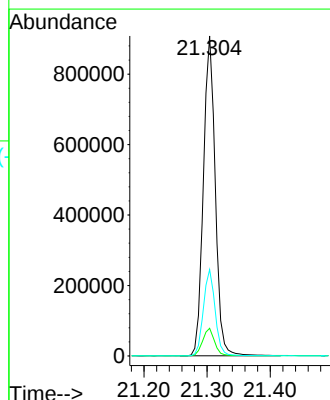
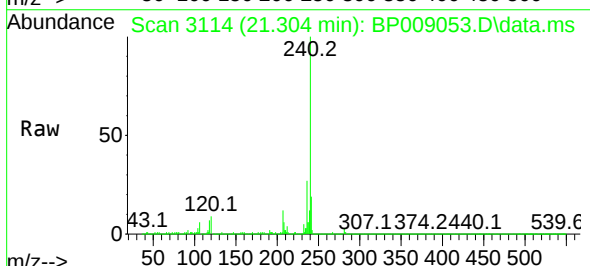
Tgt Ion:240 Resp: 1189873

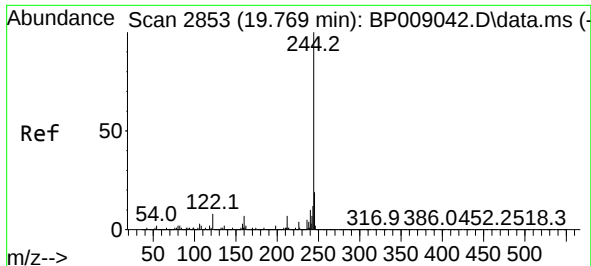
Ion Ratio Lower Upper

240 100

120 8.6 7.7 11.5

236 27.0 21.2 31.8

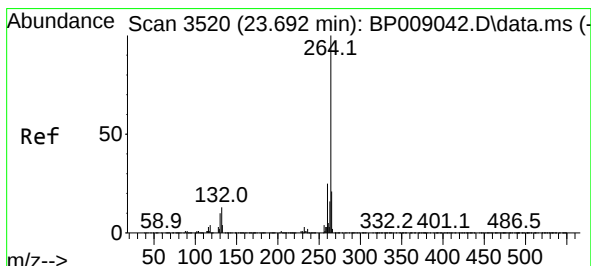
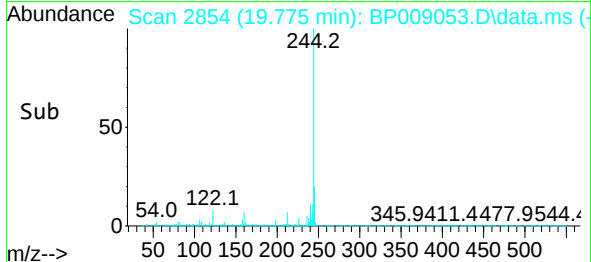
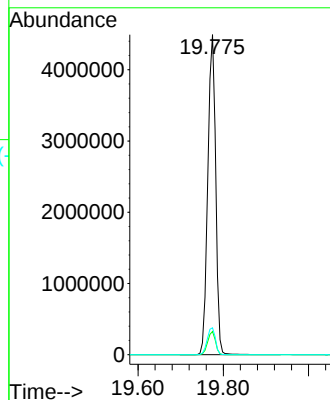
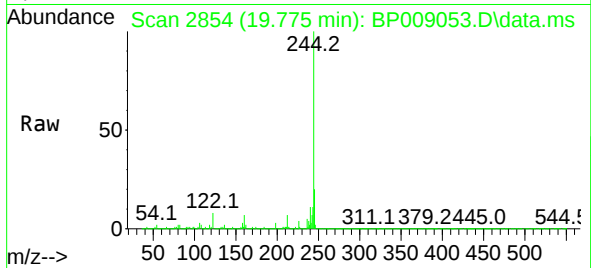




#79
 Terphenyl-d14
 Concen: 87.142 ng
 RT: 19.775 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009053.D
 Acq: 08 Feb 2022 12:08

Instrument :
 BNA_P
 ClientSampleId :
 PB142420TB

Tgt Ion:244 Resp: 5765771
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.4 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. 0.012 min
 Lab File: BP009053.D
 Acq: 08 Feb 2022 12:08

Tgt Ion:264 Resp: 1070307
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 22.2 17.1 25.7

