

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009502.D
 Acq On : 23 Mar 2022 12:08
 Operator : CG/JU
 Sample : PB143208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB143208BL

Quant Time: Mar 23 12:54:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

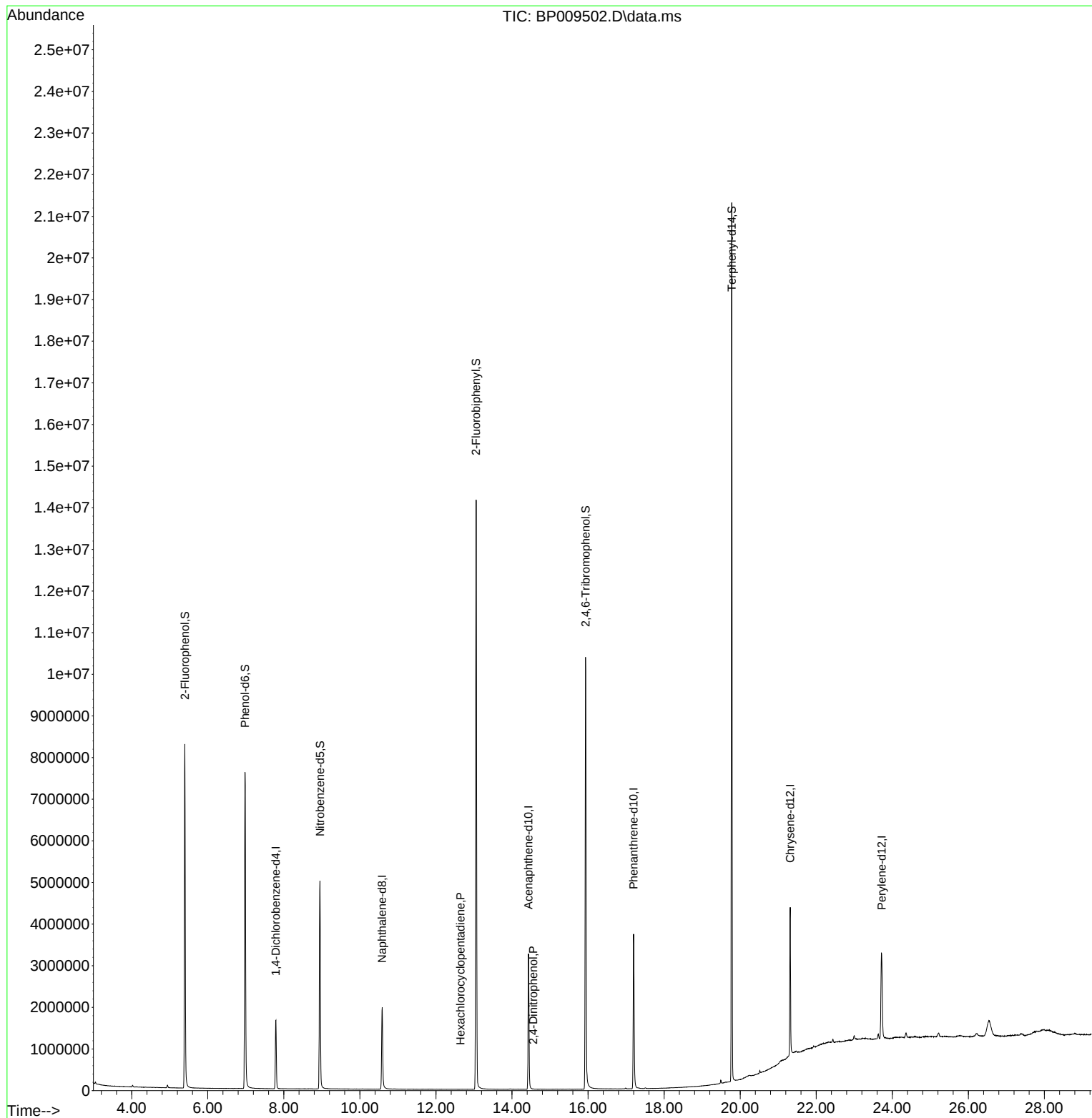
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	519029	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	2094456	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1356311	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	2748183	20.000	ng	0.00
76) Chrysene-d12	21.316	240	2085294	20.000	ng	0.00
86) Perylene-d12	23.721	264	1939844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	4276607	143.858	ng	0.00
7) Phenol-d6	6.981	99	5351655	133.117	ng	-0.01
23) Nitrobenzene-d5	8.952	82	3470510	88.054	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	2595111	115.949	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	8339020	85.233	ng	0.00
79) Terphenyl-d14	19.780	244	11062318	95.218	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	9900	Below Cal	#	8
41) Hexachlorocyclopentadiene	12.645	237	19	7.289	ng	91
54) 2,4-Dinitrophenol	14.557	184	24	4.534	ng	# 1

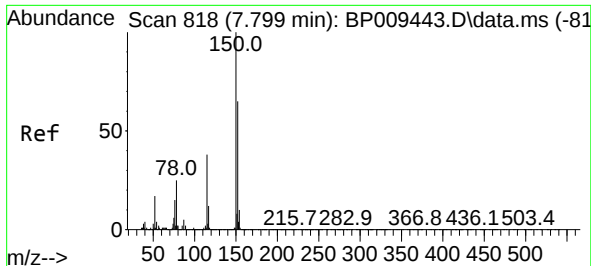
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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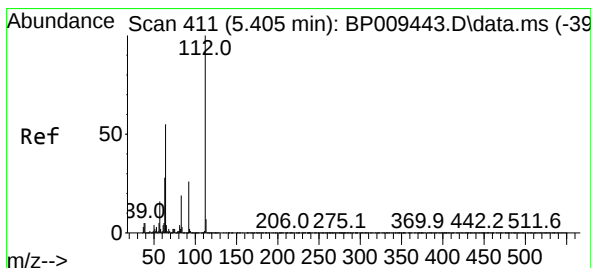
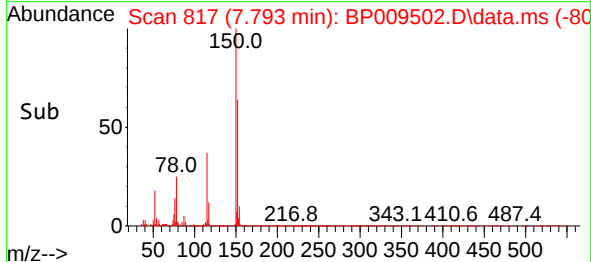
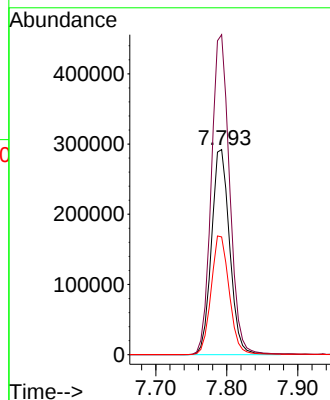
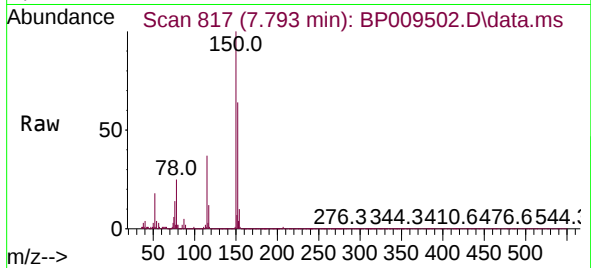




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009502.D
 Acq: 23 Mar 2022 12:08

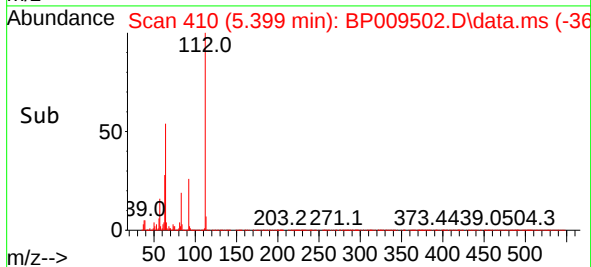
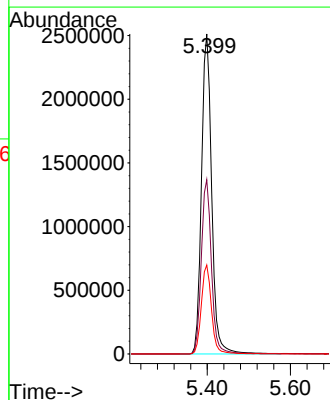
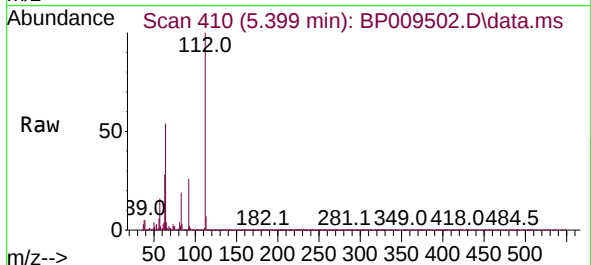
Instrument :
 MSVOA_X
 ClientSampleId :
 PB143208BL

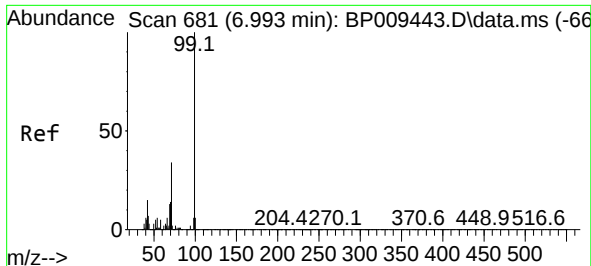
Tgt Ion:152 Resp: 519029
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.5 186.7
 115 57.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 143.858 ng
 RT: 5.399 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: BP009502.D
 Acq: 23 Mar 2022 12:08

Tgt Ion:112 Resp: 4276607
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.0 67.4
 63 27.8 23.0 34.6

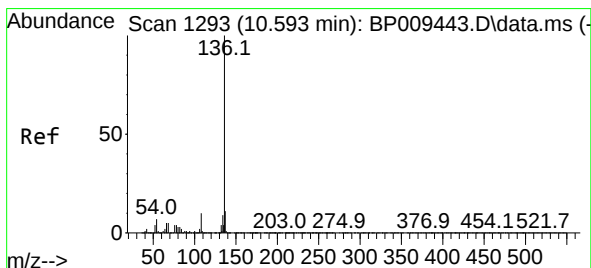
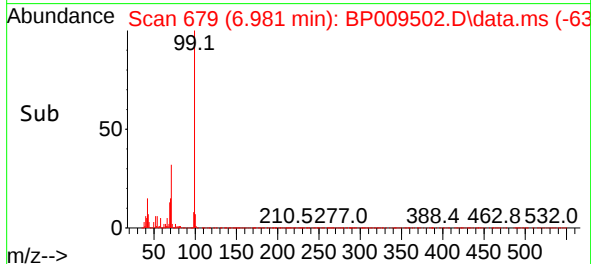
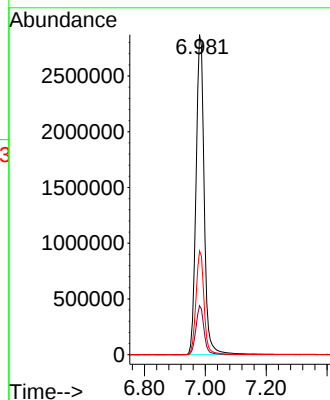
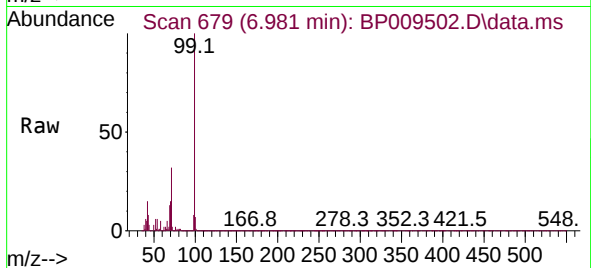




#7
Phenol-d6
Concen: 133.117 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009502.D
Acq: 23 Mar 2022 12:08

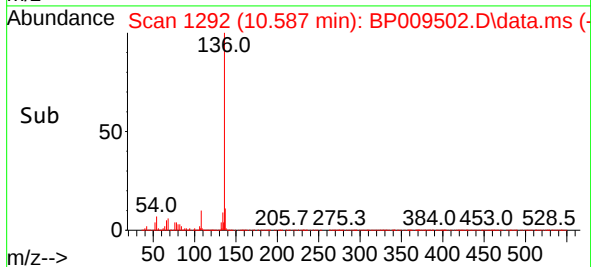
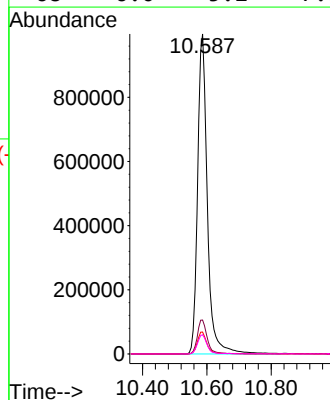
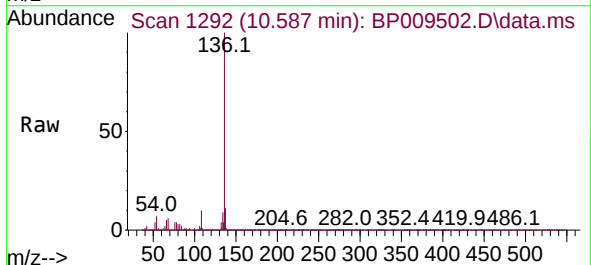
Instrument :
MSVOA_X
ClientSampleId :
PB143208BL

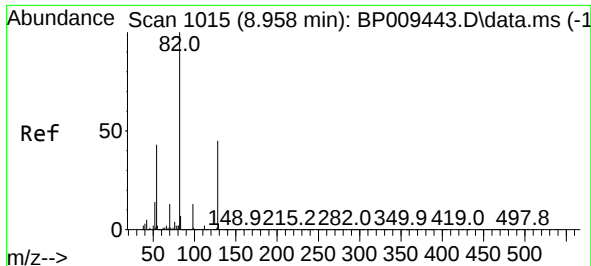
Tgt Ion: 99 Resp: 5351655
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009502.D
Acq: 23 Mar 2022 12:08

Tgt Ion:136 Resp: 2094456
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8

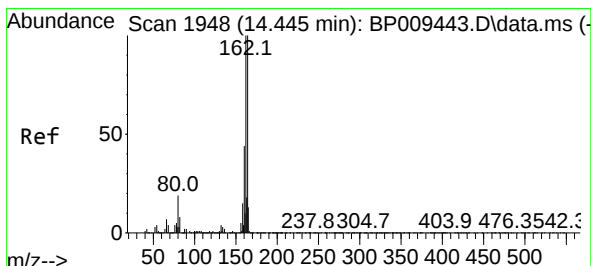
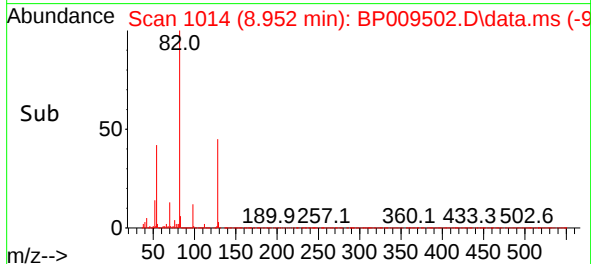
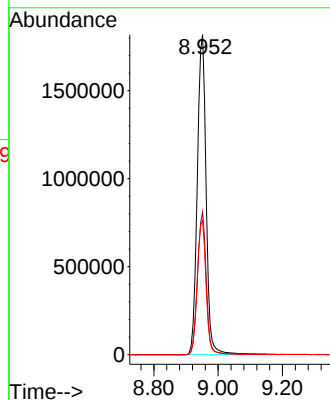
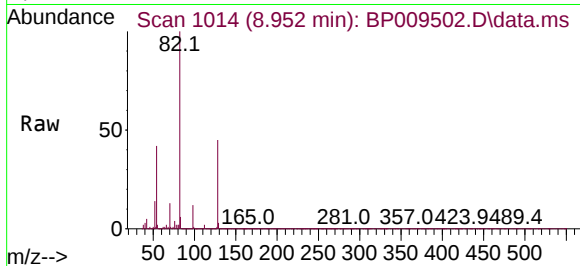




#23
Nitrobenzene-d5
Concen: 88.054 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009502.D
Acq: 23 Mar 2022 12:08

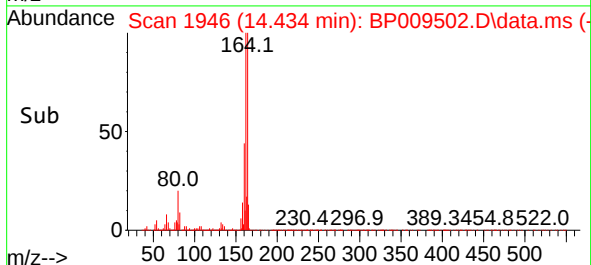
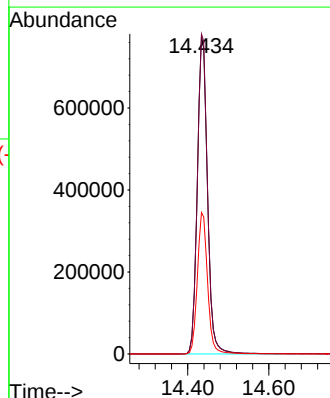
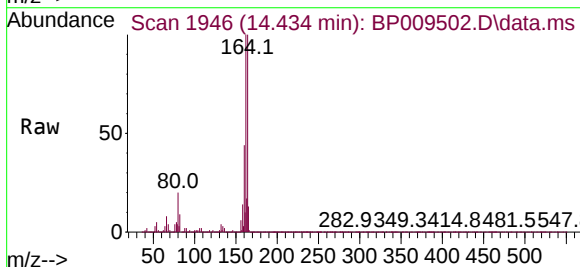
Instrument :
MSVOA_X
ClientSampleId :
PB143208BL

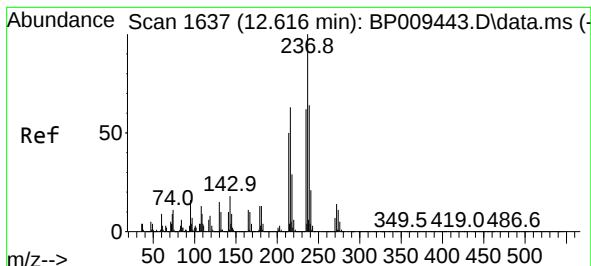
Tgt Ion: 82 Resp: 3470510
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 42.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009502.D
Acq: 23 Mar 2022 12:08

Tgt Ion:164 Resp: 1356311
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 44.4 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.289 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.029 min

Lab File: BP009502.D

Acq: 23 Mar 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

PB143208BL

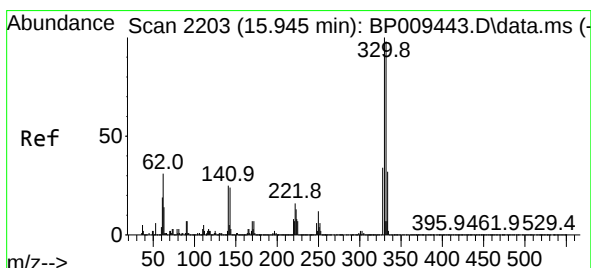
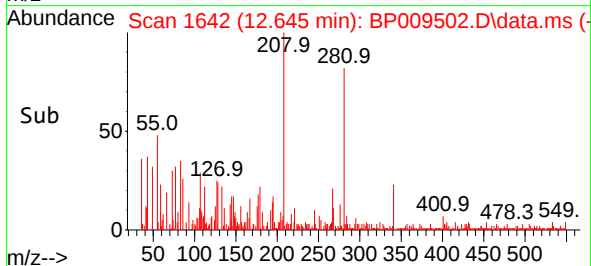
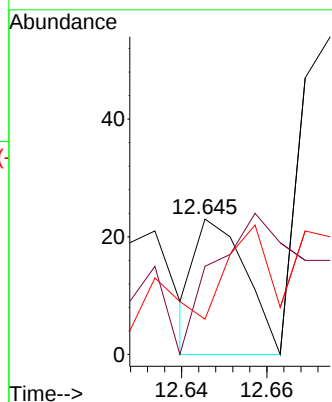
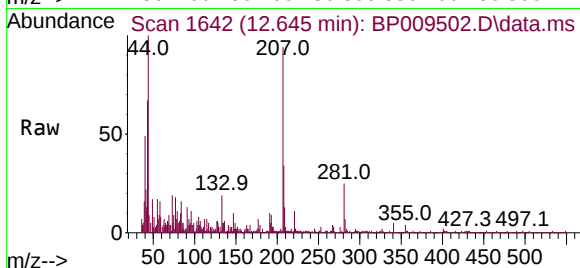
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 65.2 42.6 82.6

272 26.1 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 115.949 ng

RT: 15.939 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BP009502.D

Acq: 23 Mar 2022 12:08

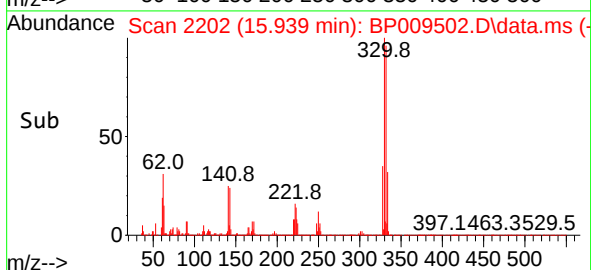
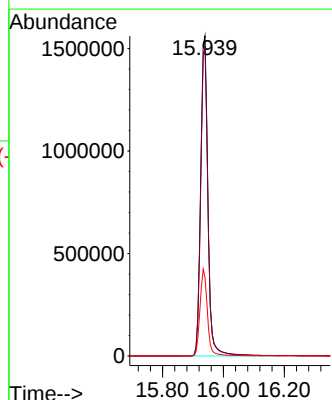
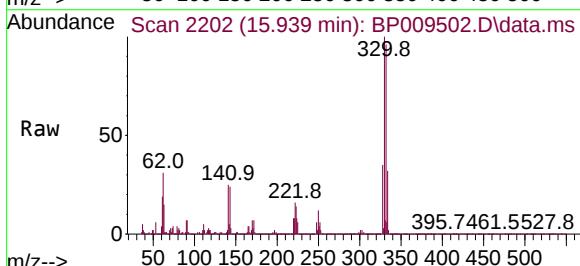
Tgt Ion:330 Resp: 2595111

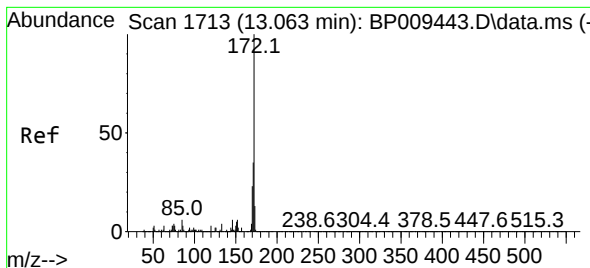
Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 27.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.233 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009502.D

Acq: 23 Mar 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

PB143208BL

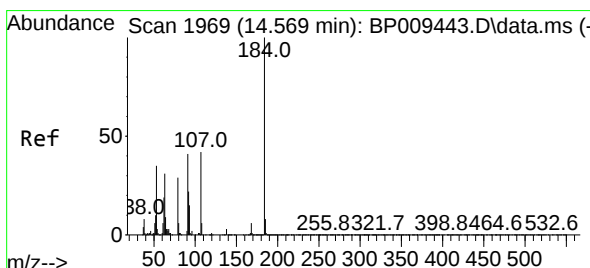
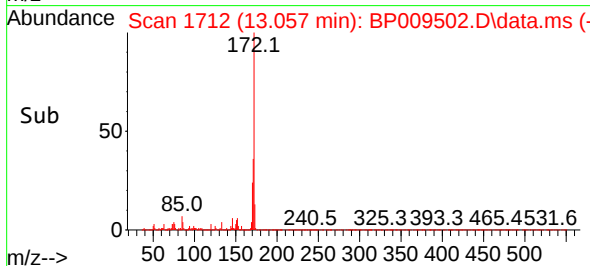
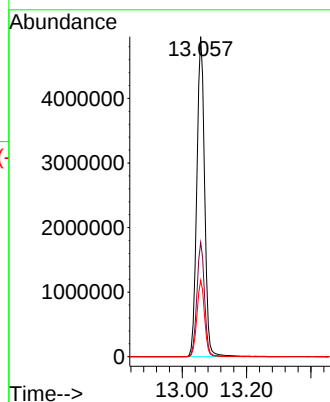
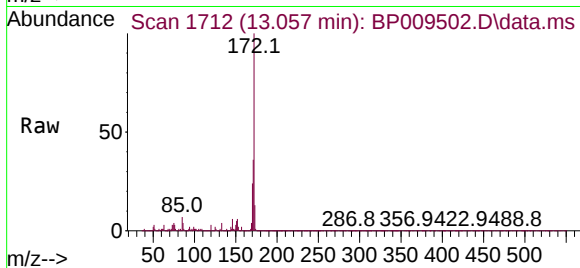
Tgt Ion:172 Resp: 8339020

Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

170 23.9 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.534 ng

RT: 14.557 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP009502.D

Acq: 23 Mar 2022 12:08

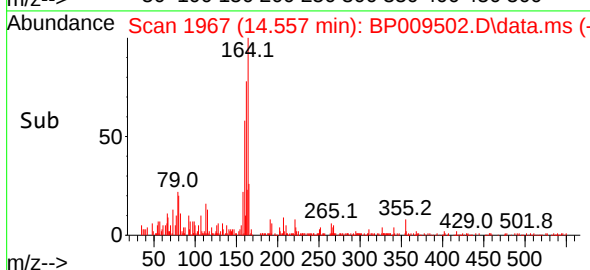
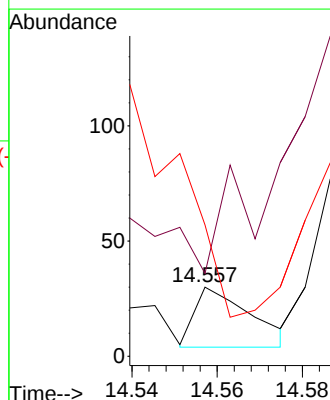
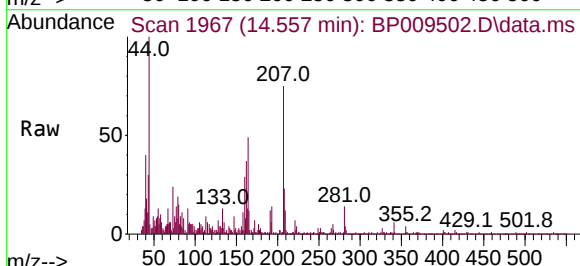
Tgt Ion:184 Resp: 24

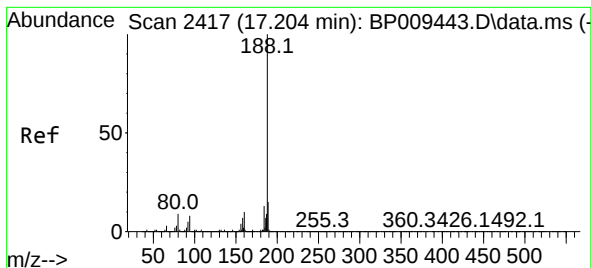
Ion Ratio Lower Upper

184 100

63 120.0 46.3 69.5#

154 190.0 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP009502.D

Acq: 23 Mar 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

PB143208BL

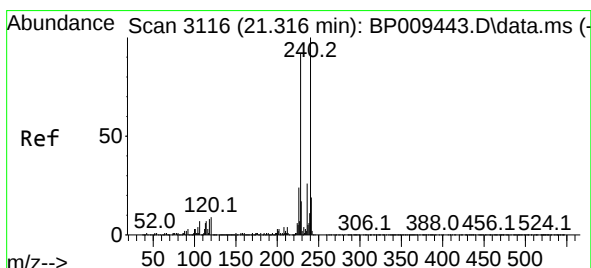
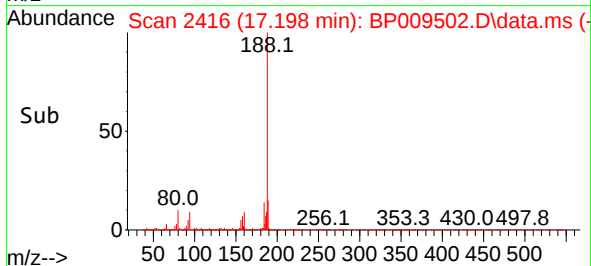
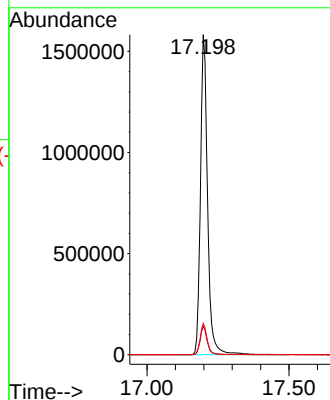
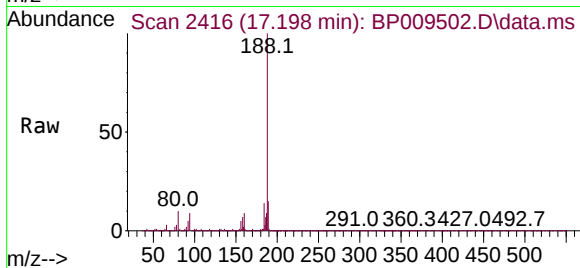
Tgt Ion:188 Resp: 2748183

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.8 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP009502.D

Acq: 23 Mar 2022 12:08

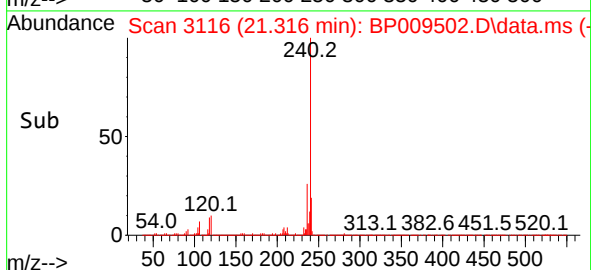
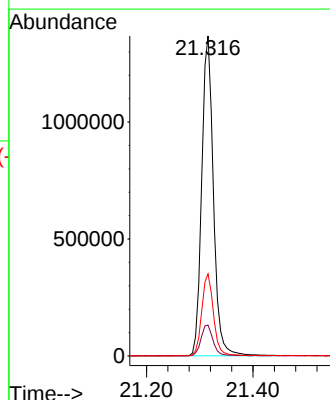
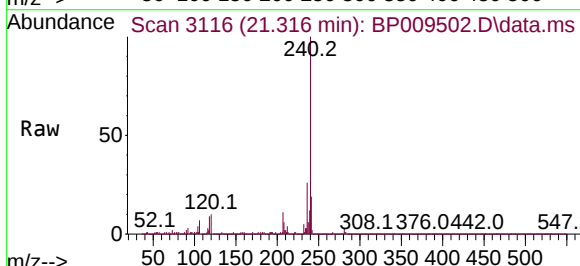
Tgt Ion:240 Resp: 2085294

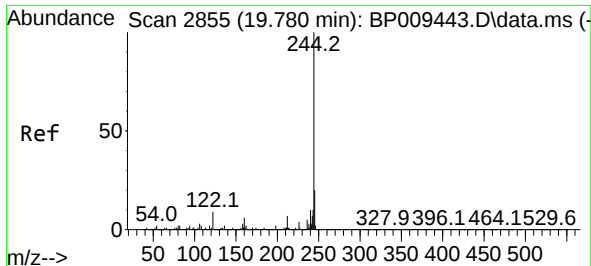
Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.4

236 25.7 20.6 30.8

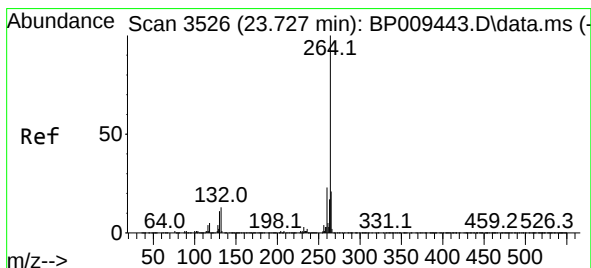
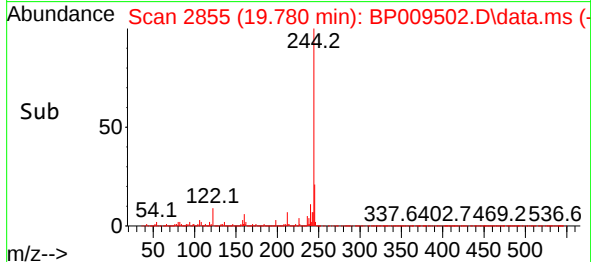
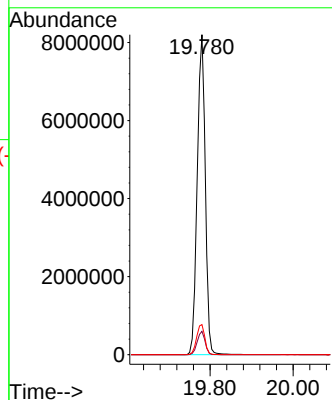
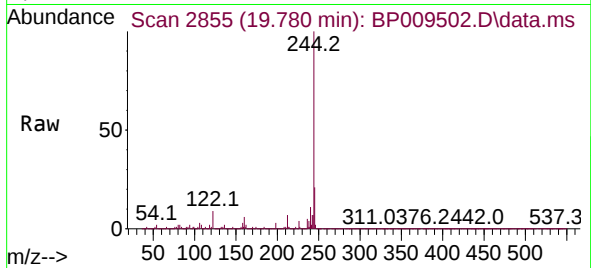




#79
 Terphenyl-d14
 Concen: 95.218 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP009502.D
 Acq: 23 Mar 2022 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB143208BL

Tgt Ion:244 Resp:11062318
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3525
 Delta R.T. -0.006 min
 Lab File: BP009502.D
 Acq: 23 Mar 2022 12:08

Tgt Ion:264 Resp: 1939844
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.3 17.2 25.8

