

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009099.D
 Acq On : 10 Feb 2022 15:01
 Operator : CG/JU
 Sample : N1455-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Feb 10 15:35:22 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)

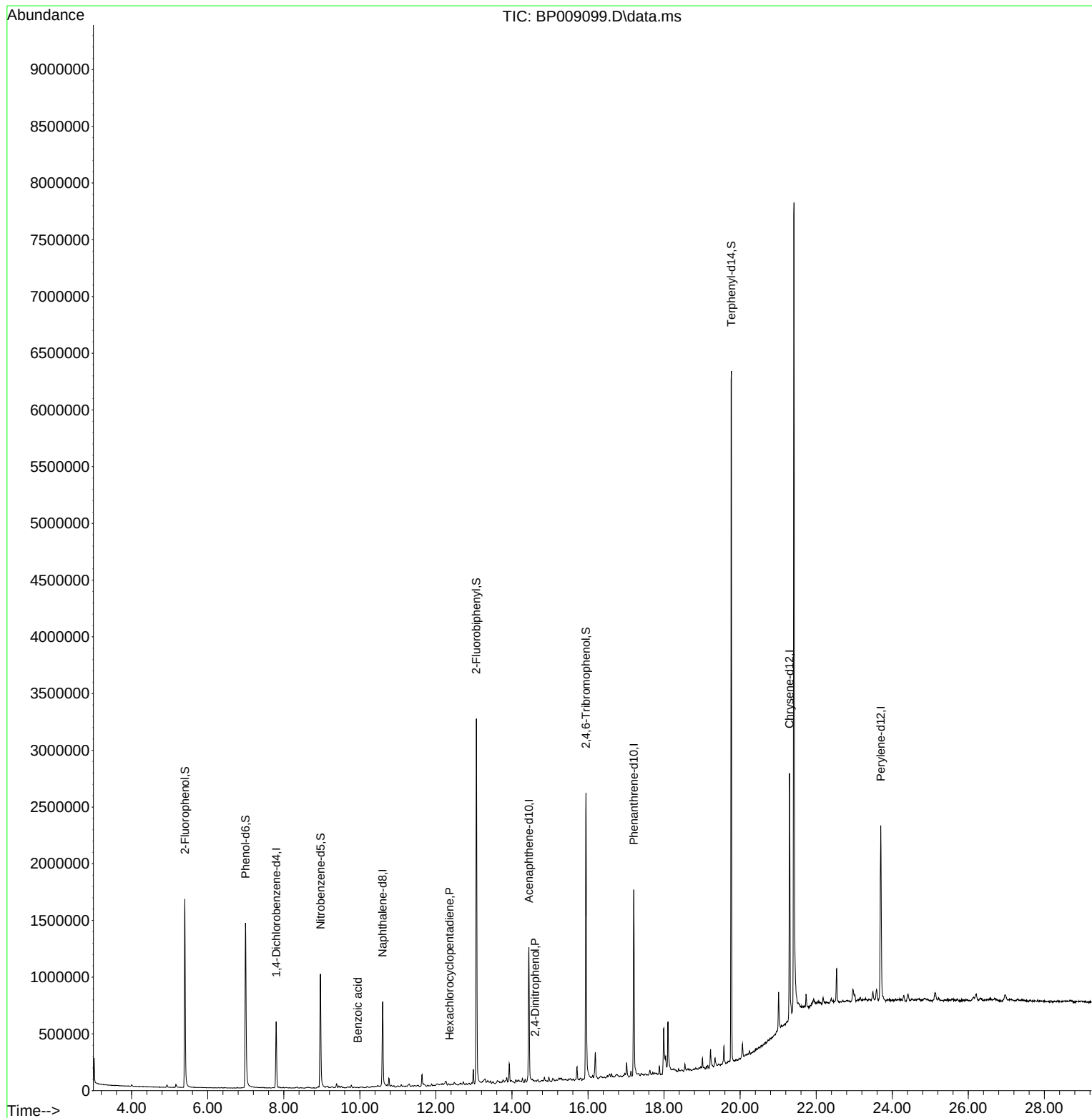
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	178189	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	716787	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	489487	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1122842	20.000	ng	# 0.00
76) Chrysene-d12	21.298	240	1146292	20.000	ng	0.00
86) Perylene-d12	23.698	264	1227844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	853280	85.420	ng	0.00
7) Phenol-d6	6.993	99	1053191	80.014	ng	0.00
23) Nitrobenzene-d5	8.963	82	663520	52.203	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	653833	100.043	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1933353	55.292	ng	0.00
79) Terphenyl-d14	19.769	244	3201439	50.225	ng	0.00
Target Compounds						
32) Benzoic acid	9.946	122	77	2.700	ng	# 1
41) Hexachlorocyclopentadiene	12.357	237	24	8.660	ng	83
54) 2,4-Dinitrophenol	14.610	184	120	2.206	ng	# 1

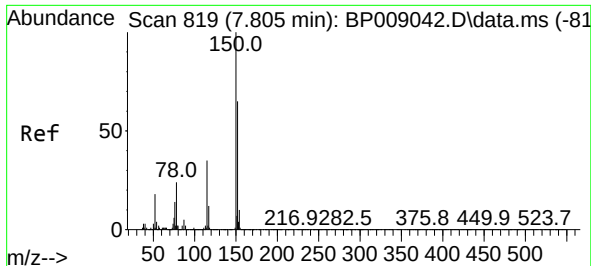
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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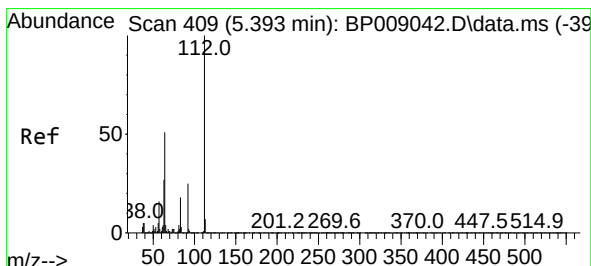
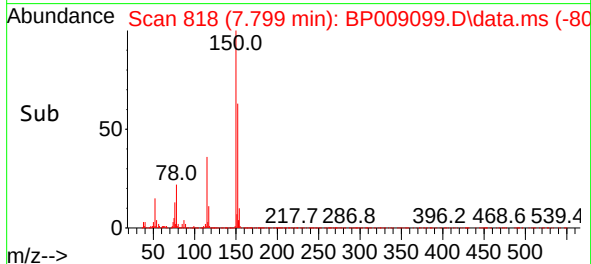
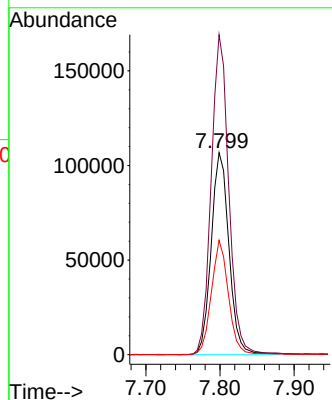
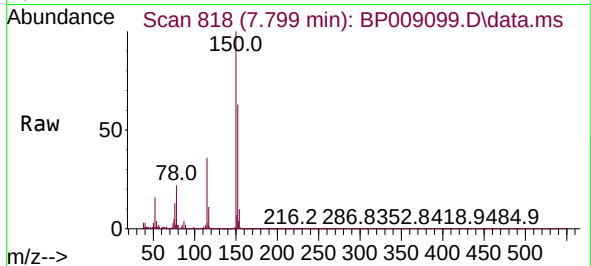




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009099.D
 Acq: 10 Feb 2022 15:01

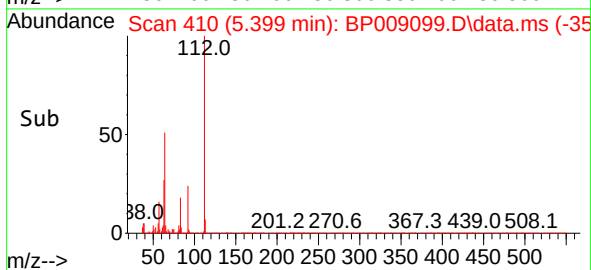
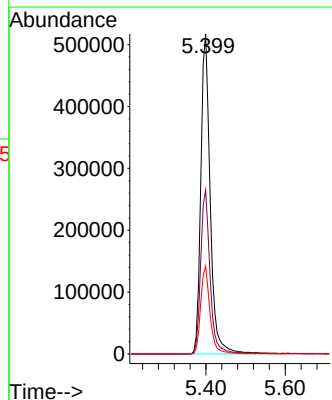
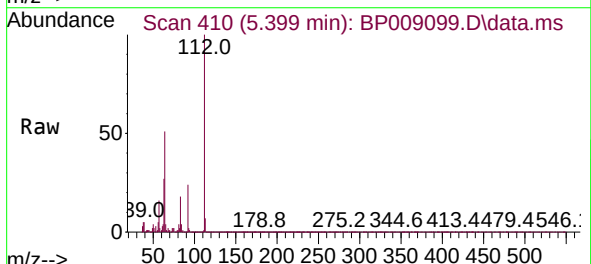
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

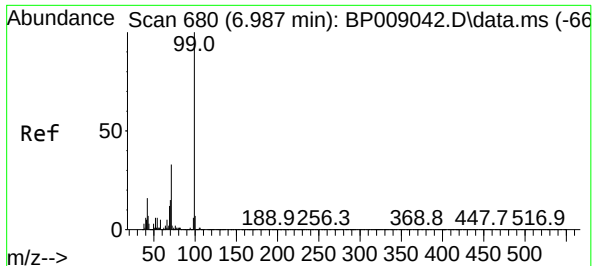
Tgt Ion:152 Resp: 178189
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.0 190.6
 115 56.6 43.7 65.5



#5
 2-Fluorophenol
 Concen: 85.420 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BP009099.D
 Acq: 10 Feb 2022 15:01

Tgt Ion:112 Resp: 853280
 Ion Ratio Lower Upper
 112 100
 64 51.2 39.7 59.5
 63 27.5 20.0 30.0





#7

Phenol-d6

Concen: 80.014 ng

RT: 6.993 min Scan# 6

Delta R.T. 0.006 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

Instrument :

BNA_P

ClientSampleId :

TP-4

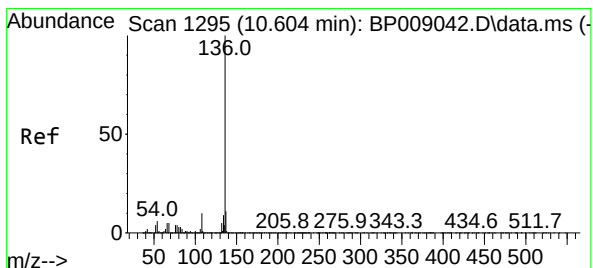
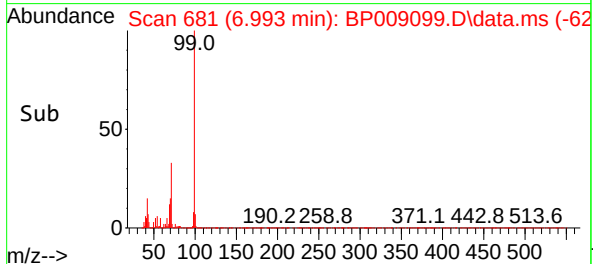
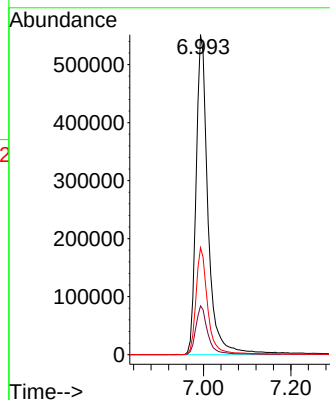
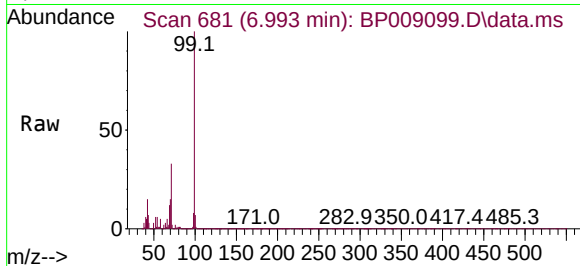
Tgt Ion: 99 Resp: 1053191

Ion Ratio Lower Upper

99 100

42 15.3 10.8 16.2

71 33.5 23.8 35.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.599 min Scan# 1294

Delta R.T. -0.005 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

Tgt Ion:136 Resp: 716787

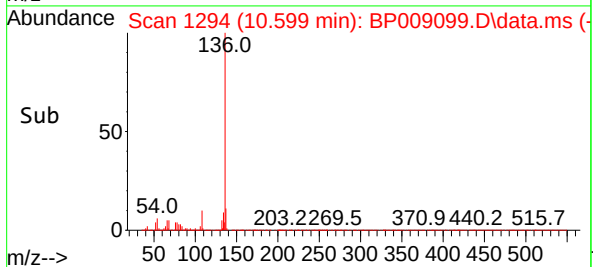
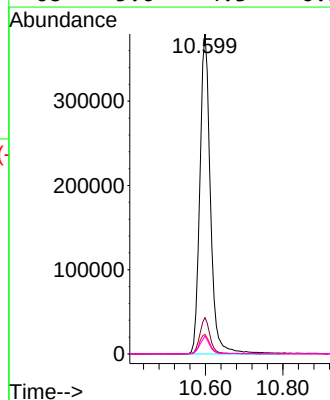
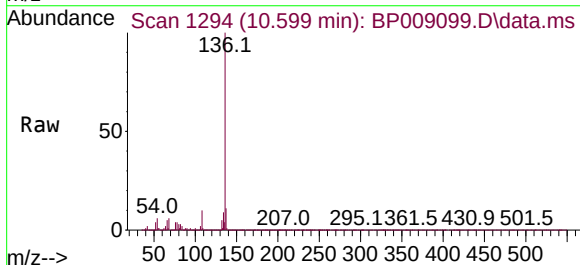
Ion Ratio Lower Upper

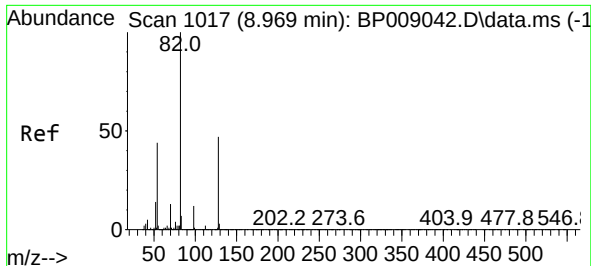
136 100

137 11.3 9.0 13.4

54 6.1 4.9 7.3

68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 52.203 ng

RT: 8.963 min Scan# 110

Delta R.T. -0.006 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

Instrument :

BNA_P

ClientSampleId :

TP-4

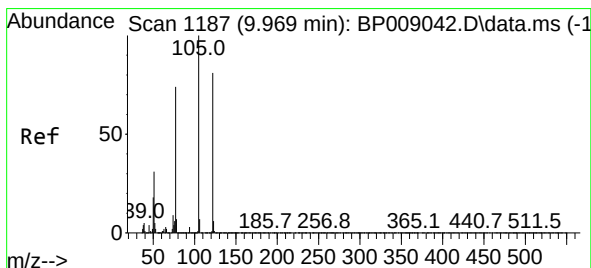
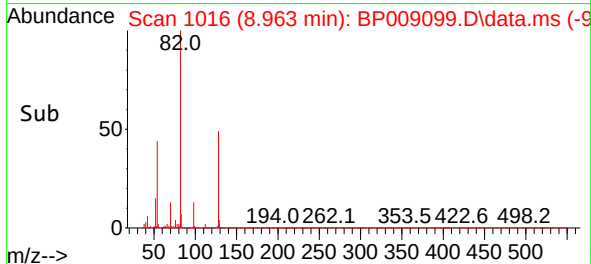
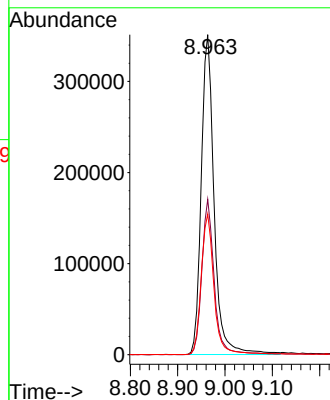
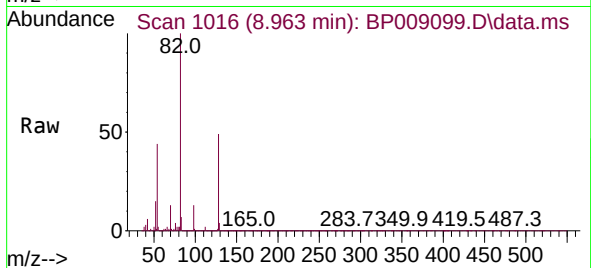
Tgt Ion: 82 Resp: 663520

Ion Ratio Lower Upper

82 100

128 48.6 39.4 59.2

54 44.0 32.6 48.8



#32

Benzoic acid

Concen: 2.700 ng

RT: 9.946 min Scan# 1183

Delta R.T. -0.023 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

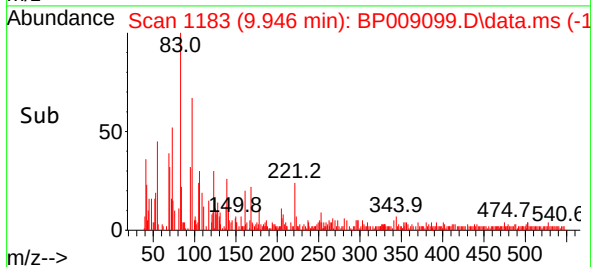
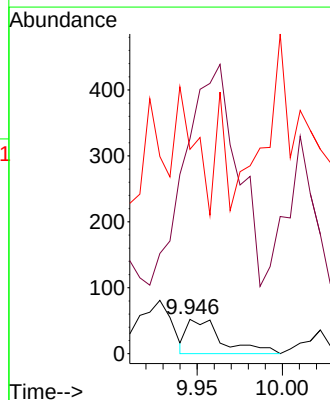
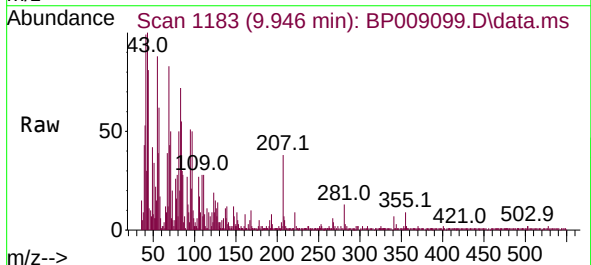
Tgt Ion: 122 Resp: 77

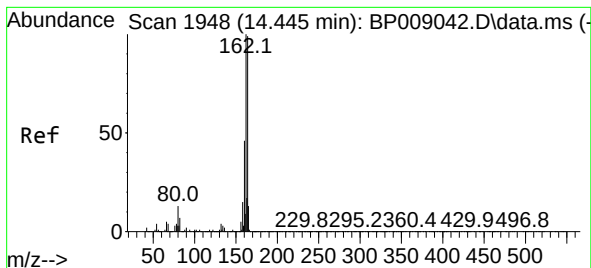
Ion Ratio Lower Upper

122 100

105 626.9 100.1 140.1#

77 596.2 65.5 105.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.446 min Scan# 1593

Delta R.T. 0.001 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

Instrument :

BNA_P

ClientSampleId :

TP-4

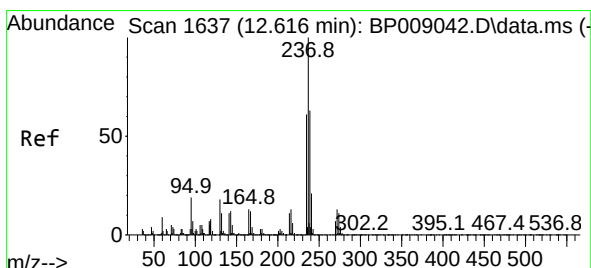
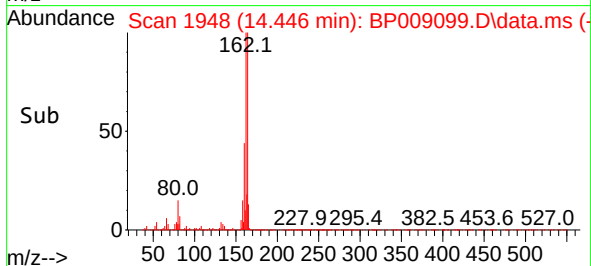
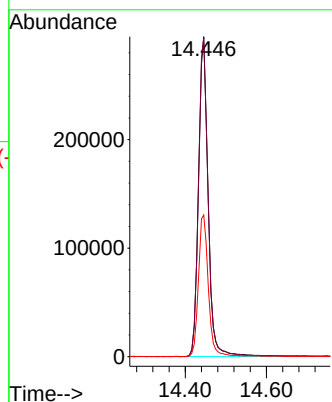
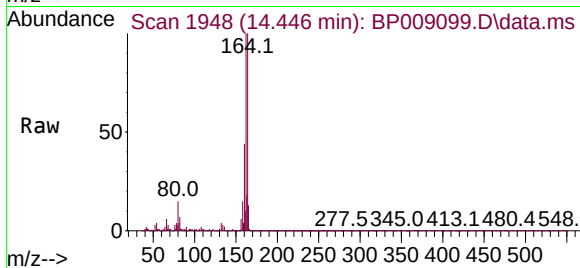
Tgt Ion:164 Resp: 489487

Ion Ratio Lower Upper

164 100

162 99.6 79.9 119.9

160 44.3 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.660 ng

RT: 12.357 min Scan# 1593

Delta R.T. -0.259 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

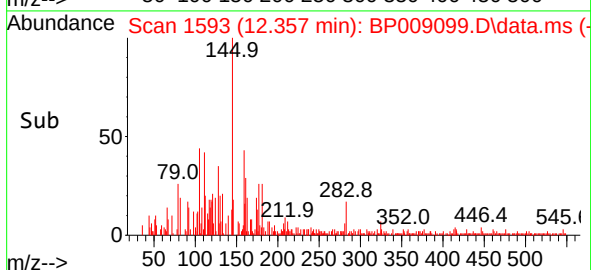
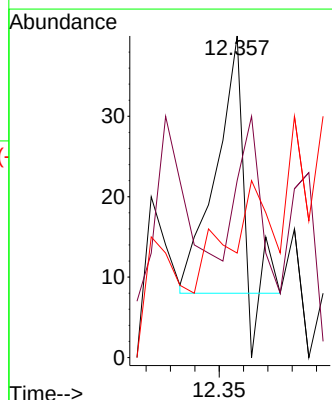
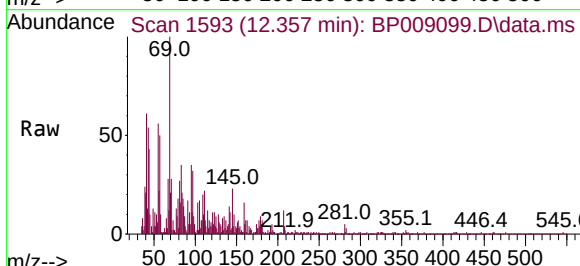
Tgt Ion:237 Resp: 24

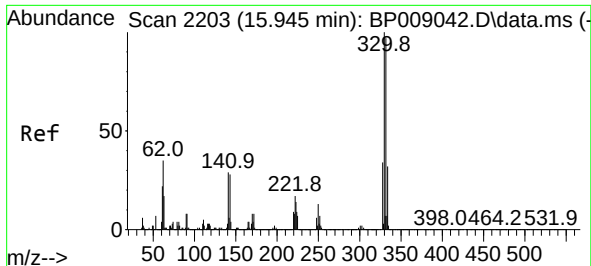
Ion Ratio Lower Upper

237 100

235 55.0 42.9 82.9

272 32.5 0.0 33.8

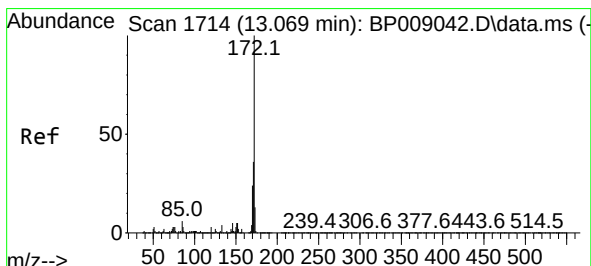
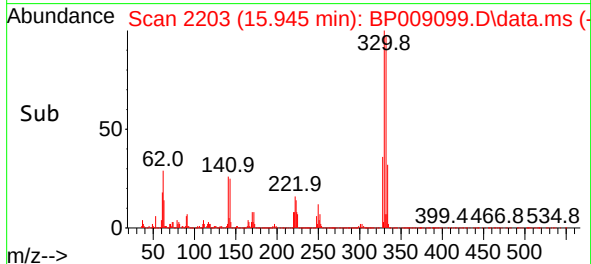
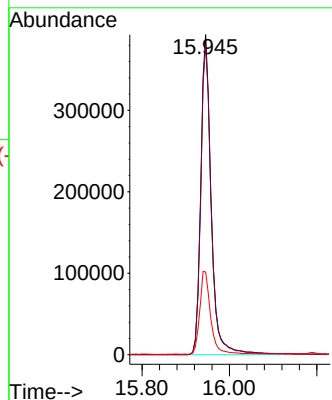
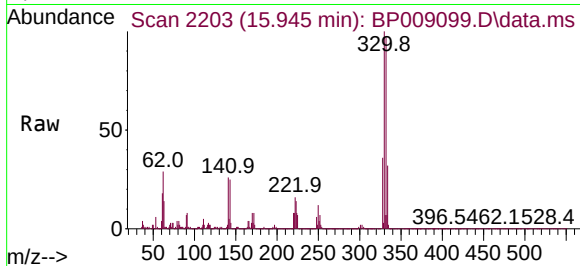




#42
2,4,6-Tribromophenol
Concen: 100.043 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009099.D
Acq: 10 Feb 2022 15:01

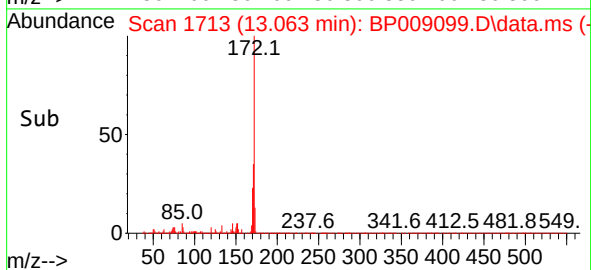
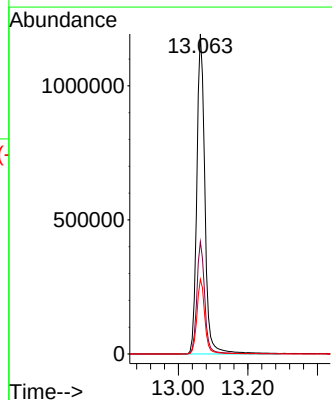
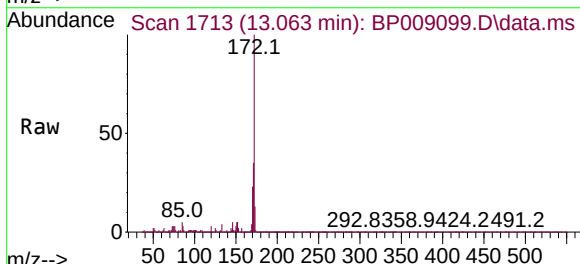
Instrument :
BNA_P
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TP-4

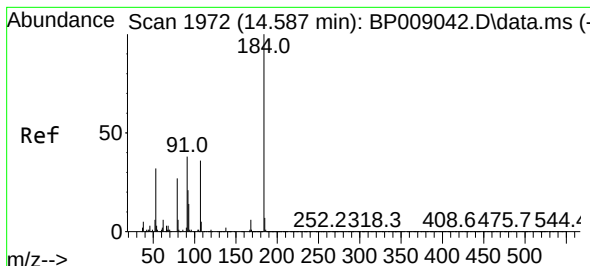
Tgt Ion: 330 Resp: 653833
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 26.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 55.292 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009099.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 172 Resp: 1933353
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.4 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 2.206 ng

RT: 14.610 min Scan# 1976

Delta R.T. 0.023 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

Instrument :

BNA_P

ClientSampleId :

TP-4

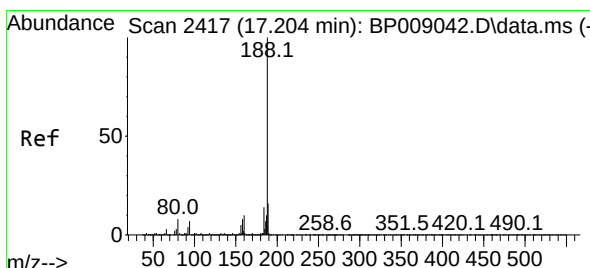
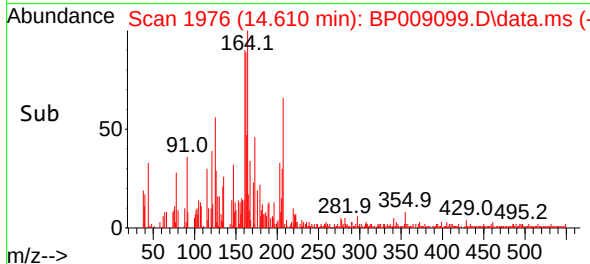
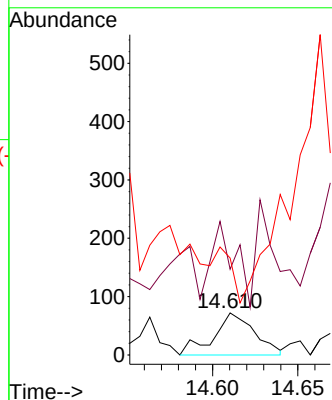
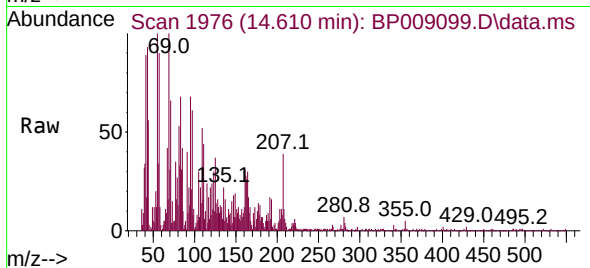
Tgt Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

63 204.2 35.6 53.4#

154 230.6 43.4 65.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

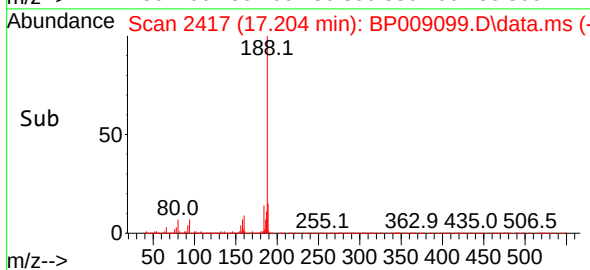
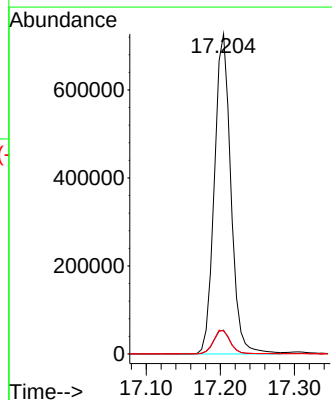
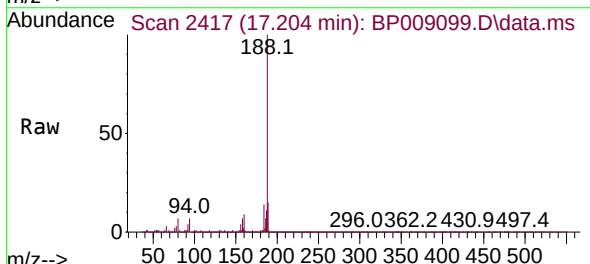
Tgt Ion:188 Resp: 1122842

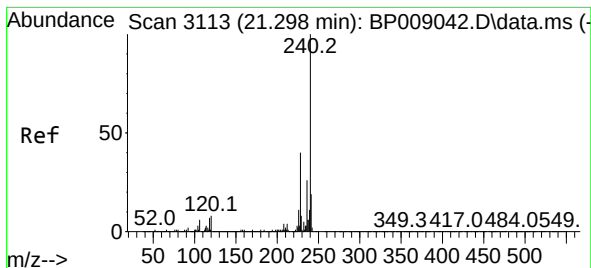
Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

80 7.1 7.2 10.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

Instrument :

BNA_P

ClientSampleId :

TP-4

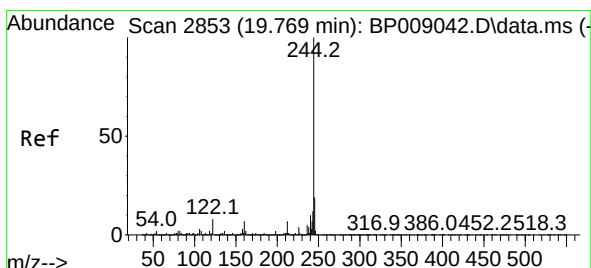
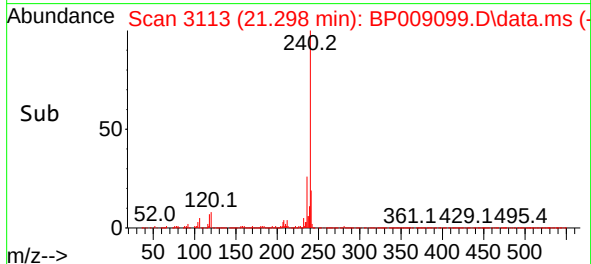
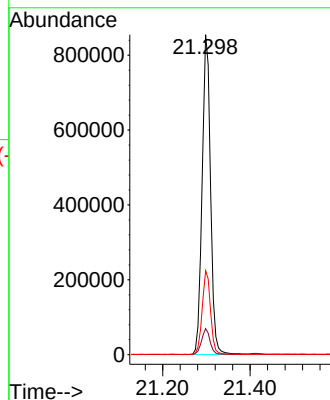
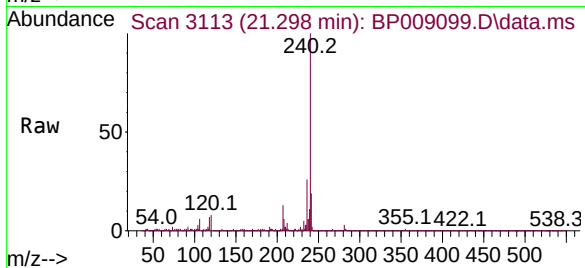
Tgt Ion:240 Resp: 1146292

Ion Ratio Lower Upper

240 100

120 8.1 7.7 11.5

236 26.2 21.2 31.8



#79

Terphenyl-d14

Concen: 50.225 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP009099.D

Acq: 10 Feb 2022 15:01

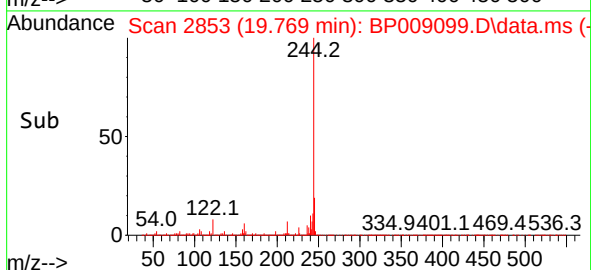
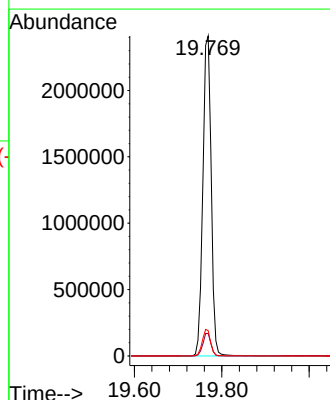
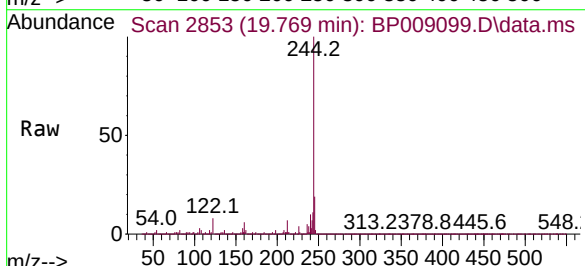
Tgt Ion:244 Resp: 3201439

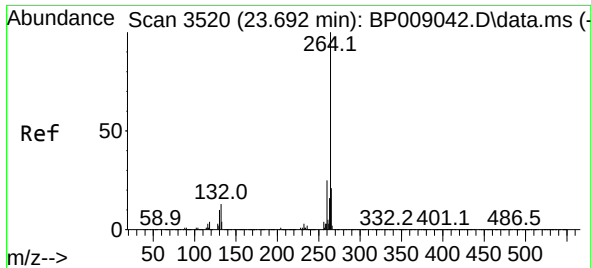
Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 7.9 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP009099.D
 Acq: 10 Feb 2022 15:01

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Tgt Ion:264 Resp: 1227844
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 21.7 17.1 25.7

