

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009090.D
 Acq On : 09 Feb 2022 21:58
 Operator : CG/JU
 Sample : N1432-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-4

Quant Time: Feb 10 01:47:19 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)

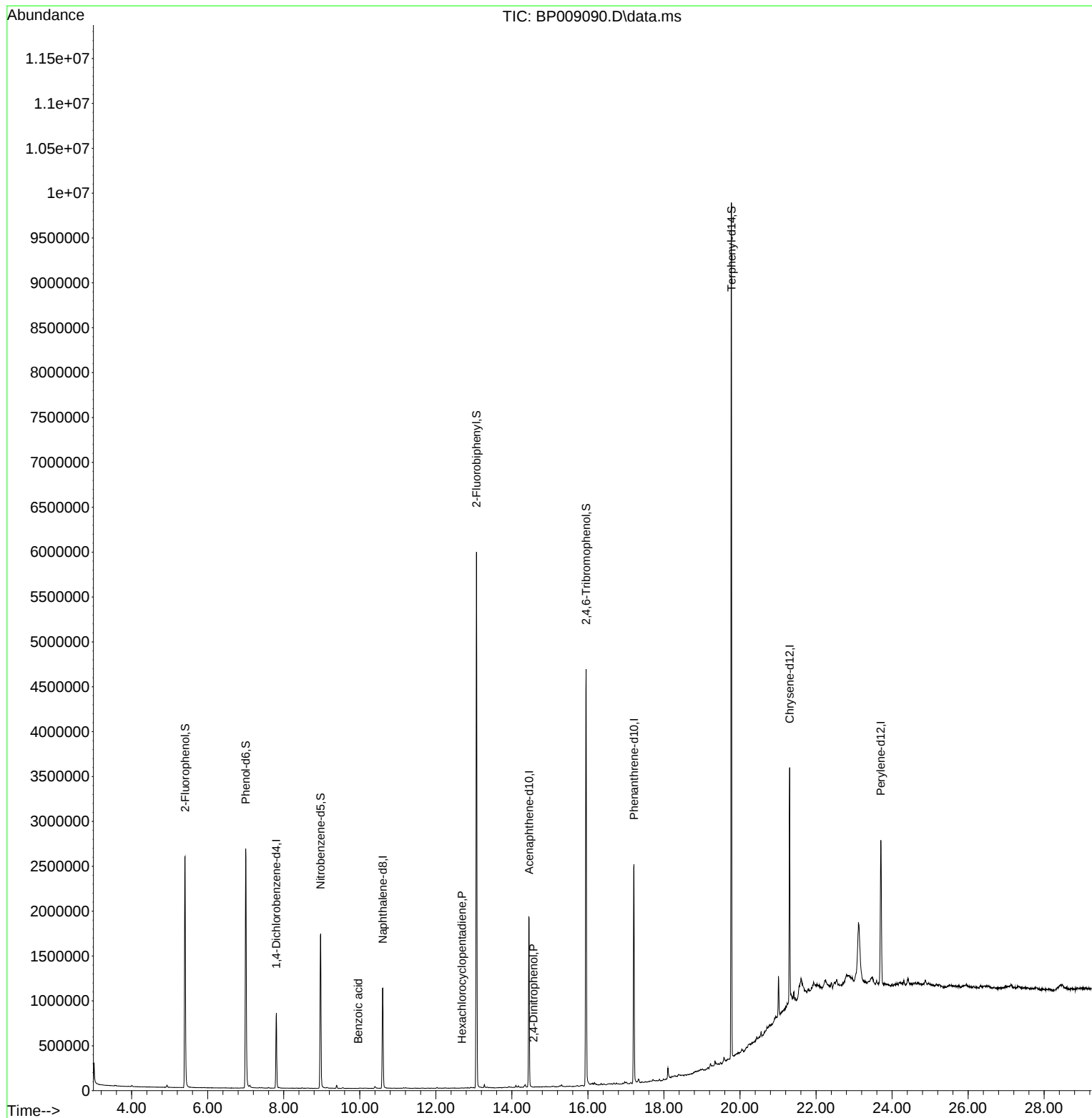
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	257922	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1046031	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	742601	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1605863	20.000	ng	# 0.00
76) Chrysene-d12	21.304	240	1285403	20.000	ng	0.00
86) Perylene-d12	23.704	264	1273416	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1360519	94.094	ng	0.01
7) Phenol-d6	6.999	99	1772249	93.020	ng	0.01
23) Nitrobenzene-d5	8.969	82	1093203	58.937	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1152467	116.234	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3201379	60.350	ng	0.00
79) Terphenyl-d14	19.775	244	4781212	66.891	ng	0.00
Target Compounds						
32) Benzoic acid	9.963	122	78	2.697	ng	# 21
41) Hexachlorocyclopentadiene	12.687	237	28	8.659	ng	80
54) 2,4-Dinitrophenol	14.569	184	36	2.174	ng	# 1

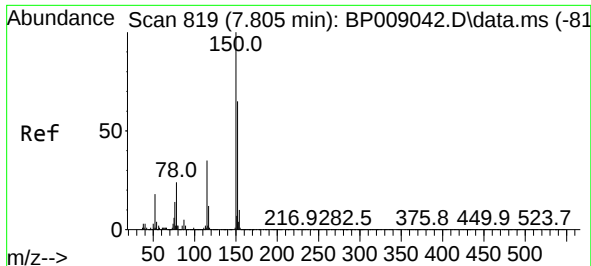
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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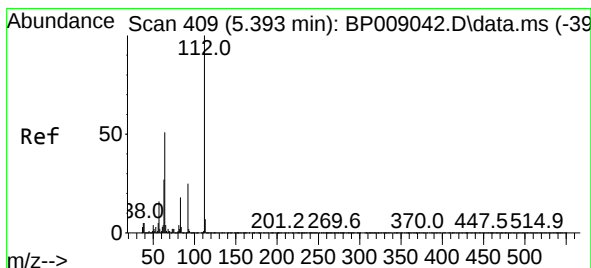
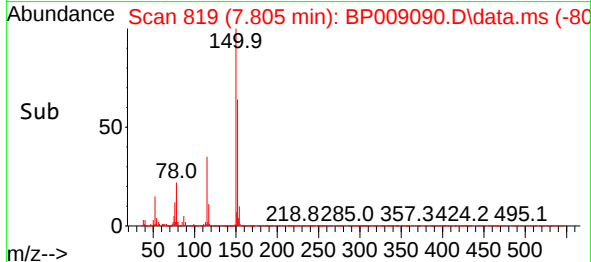
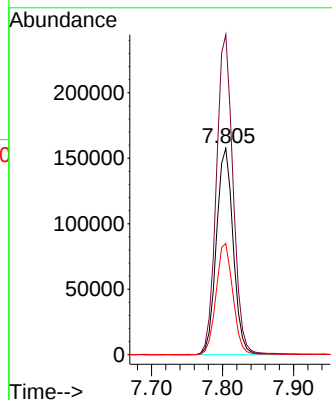
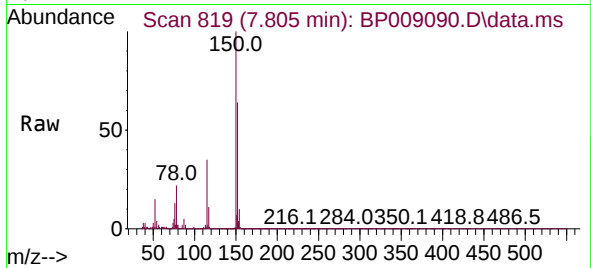




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 819
 Delta R.T. -0.000 min
 Lab File: BP009090.D
 Acq: 09 Feb 2022 21:58

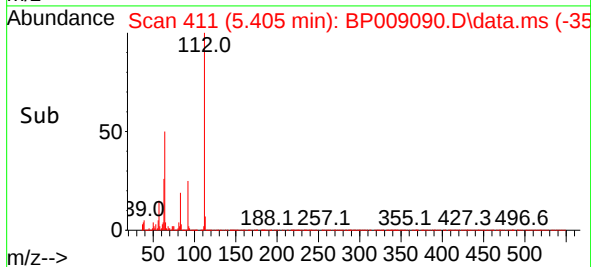
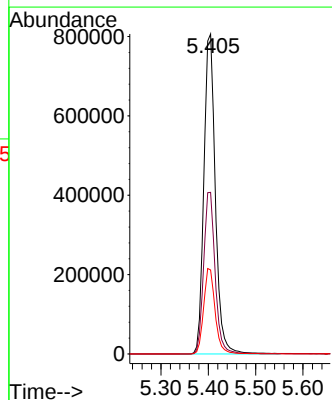
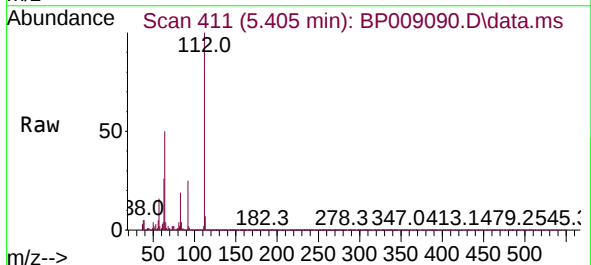
Instrument :
 BNA_P
 ClientSampleId :
 SP-4

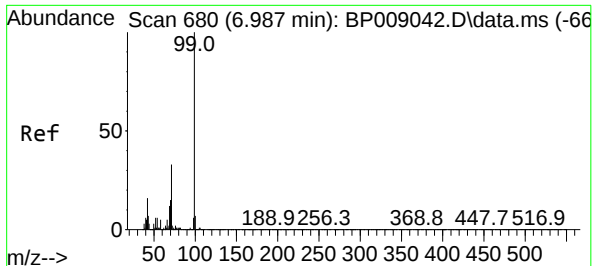
Tgt Ion:152 Resp: 257922
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.0 190.6
 115 53.9 43.7 65.5



#5
 2-Fluorophenol
 Concen: 94.094 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: BP009090.D
 Acq: 09 Feb 2022 21:58

Tgt Ion:112 Resp: 1360519
 Ion Ratio Lower Upper
 112 100
 64 50.5 39.7 59.5
 63 26.3 20.0 30.0

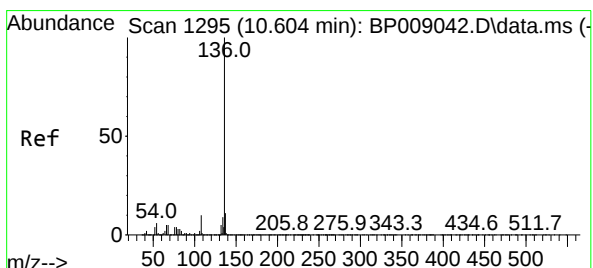
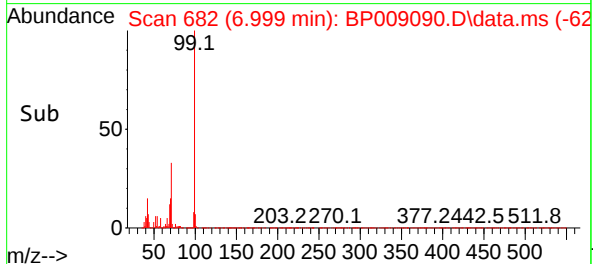
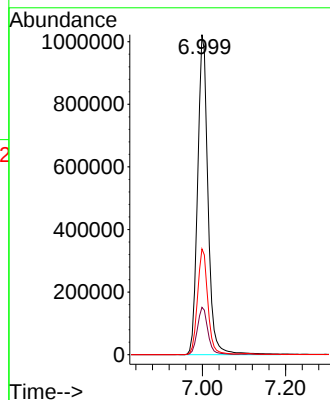
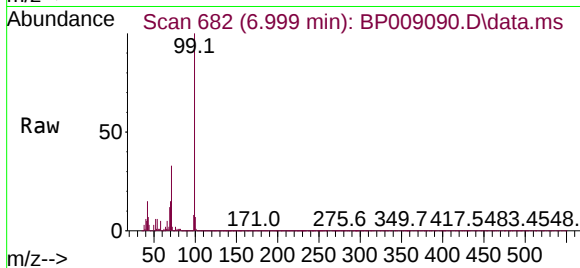




#7
Phenol-d6
Concen: 93.020 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009090.D
Acq: 09 Feb 2022 21:58

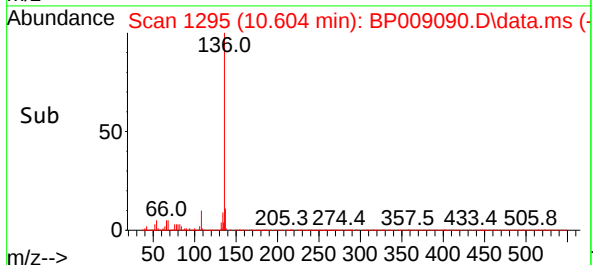
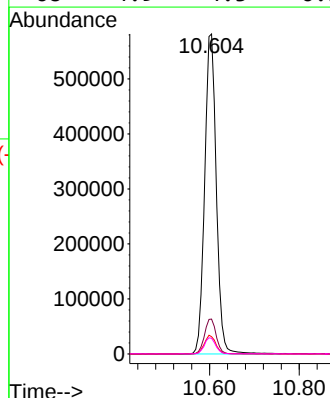
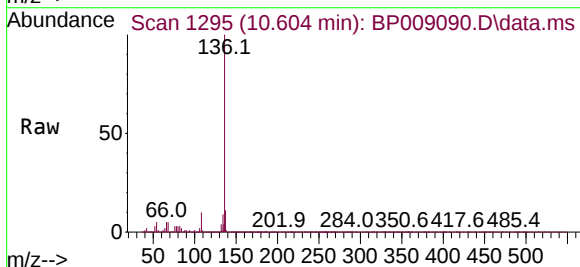
Instrument :
BNA_P
ClientSampleId :
SP-4

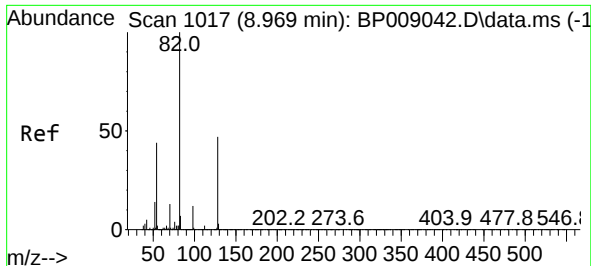
Tgt Ion: 99 Resp: 1772249
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 33.1 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009090.D
Acq: 09 Feb 2022 21:58

Tgt Ion: 136 Resp: 1046031
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 5.4 4.9 7.3
68 4.9 4.3 6.5

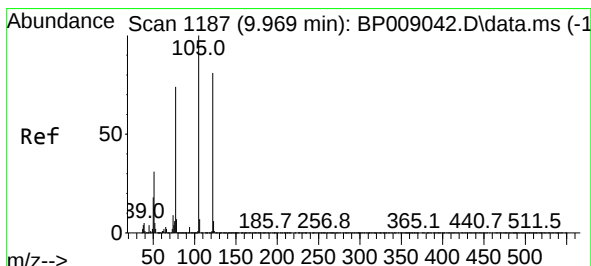
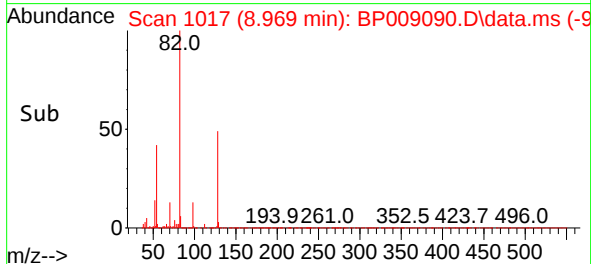
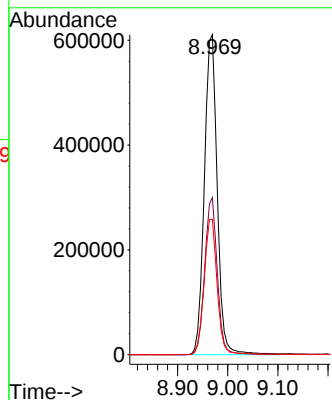
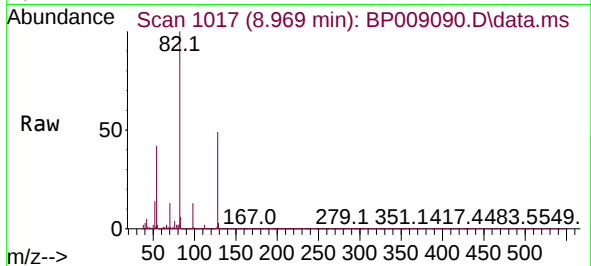




#23
Nitrobenzene-d5
Concen: 58.937 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009090.D
Acq: 09 Feb 2022 21:58

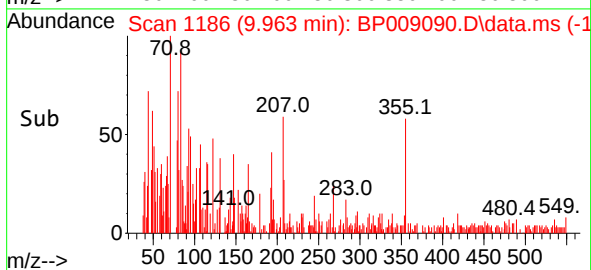
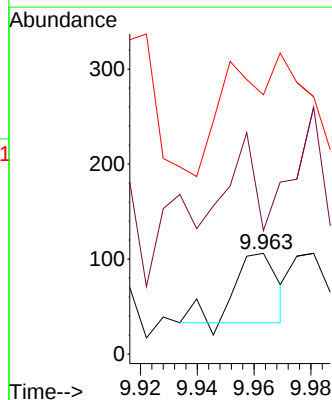
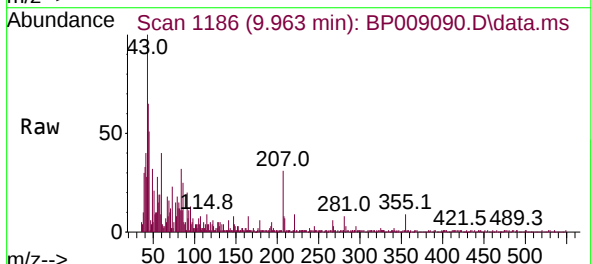
Instrument :
BNA_P
ClientSampleId :
SP-4

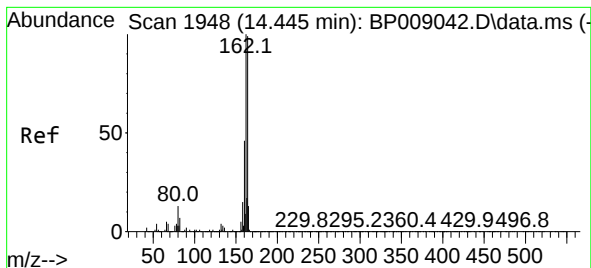
Tgt Ion: 82 Resp: 1093203
Ion Ratio Lower Upper
82 100
128 49.1 39.4 59.2
54 42.3 32.6 48.8



#32
Benzoic acid
Concen: 2.697 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BP009090.D
Acq: 09 Feb 2022 21:58

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 122.6 100.1 140.1
77 257.5 65.5 105.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BP009090.D

Acq: 09 Feb 2022 21:58

Instrument :

BNA_P

ClientSampleId :

SP-4

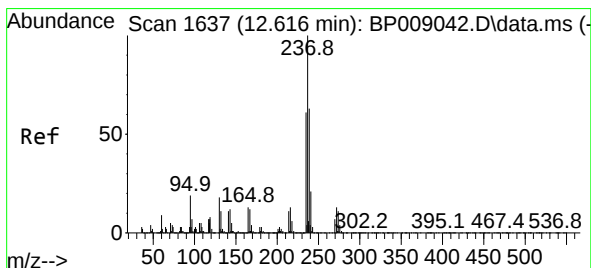
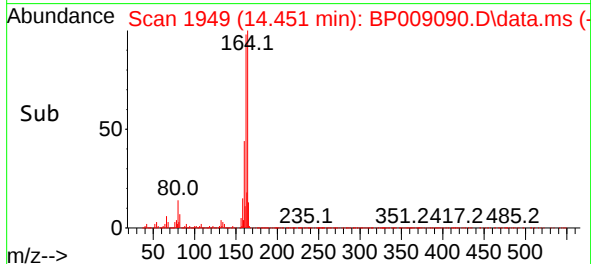
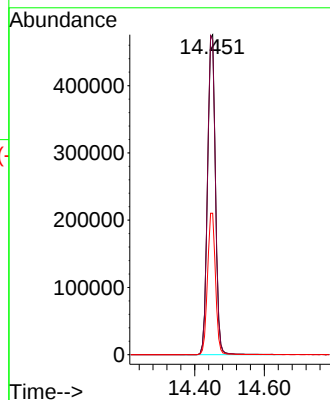
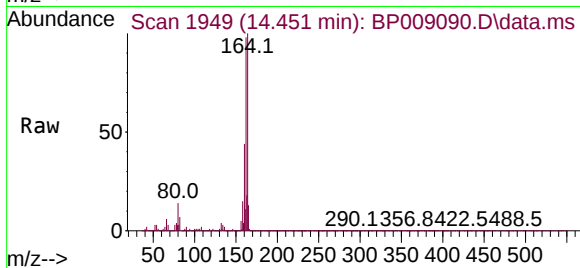
Tgt Ion:164 Resp: 742601

Ion Ratio Lower Upper

164 100

162 98.3 79.9 119.9

160 44.2 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.659 ng

RT: 12.687 min Scan# 1649

Delta R.T. 0.071 min

Lab File: BP009090.D

Acq: 09 Feb 2022 21:58

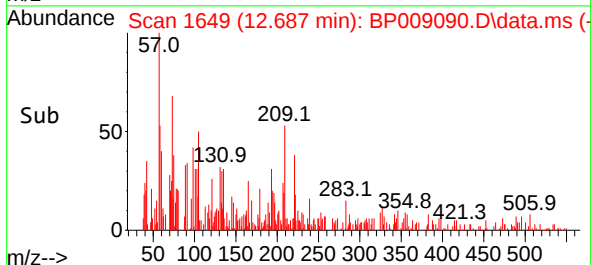
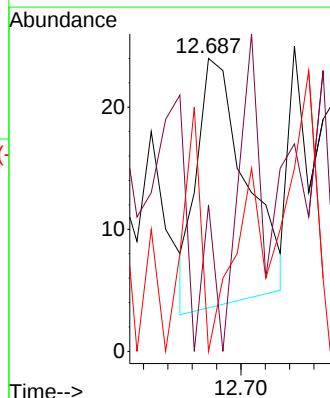
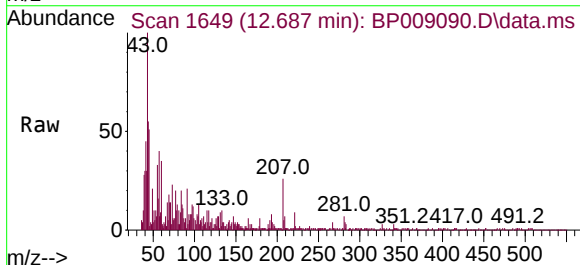
Tgt Ion:237 Resp: 28

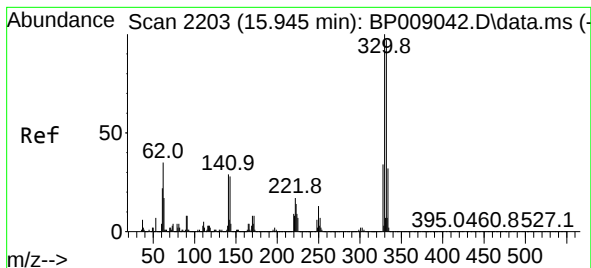
Ion Ratio Lower Upper

237 100

235 50.0 42.9 82.9

272 0.0 0.0 33.8





#42

2,4,6-Tribromophenol

Concen: 116.234 ng

RT: 15.951 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009090.D

Acq: 09 Feb 2022 21:58

Instrument :

BNA_P

ClientSampleId :

SP-4

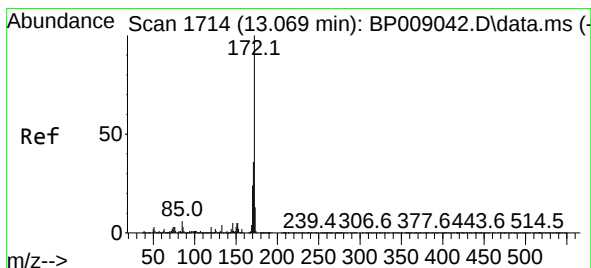
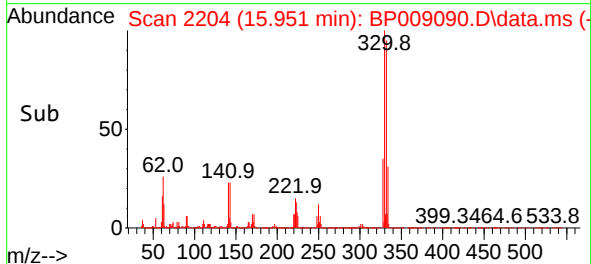
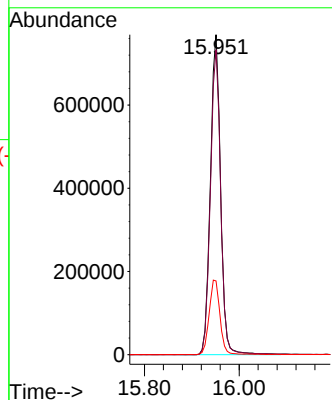
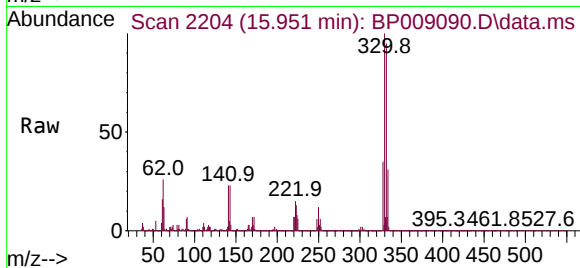
Tgt Ion:330 Resp: 1152467

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 24.7 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 60.350 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP009090.D

Acq: 09 Feb 2022 21:58

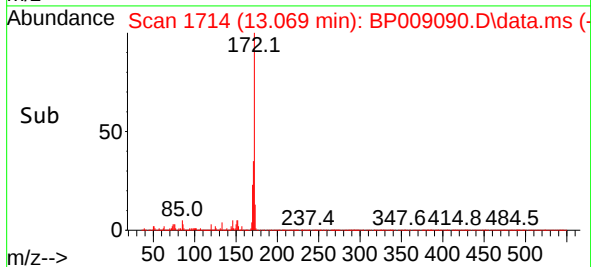
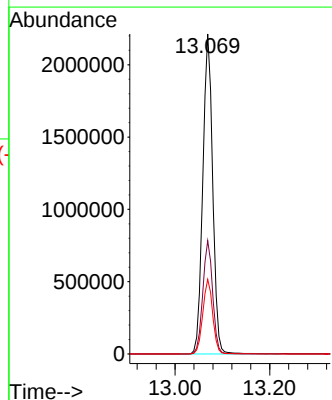
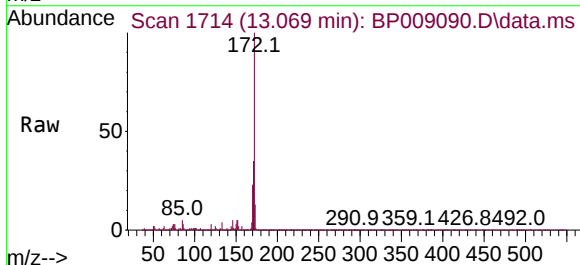
Tgt Ion:172 Resp: 3201379

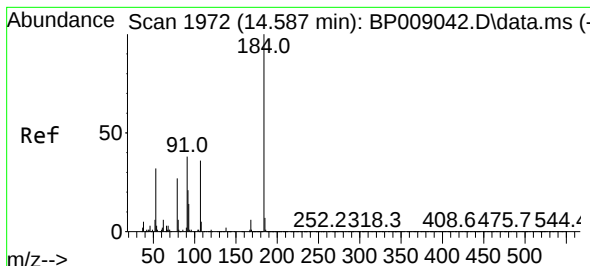
Ion Ratio Lower Upper

172 100

171 35.4 29.3 43.9

170 23.3 19.5 29.3

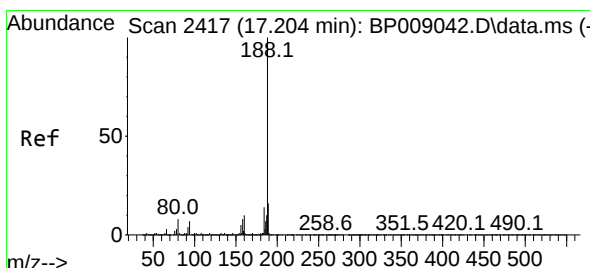
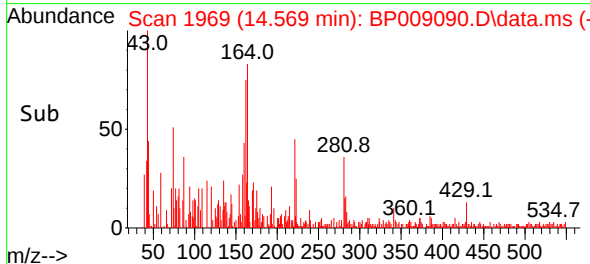
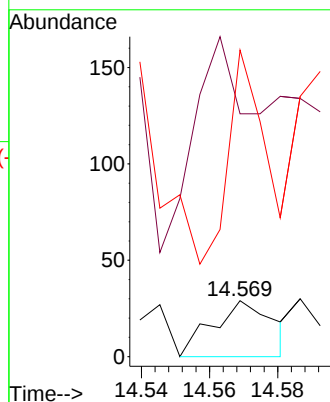
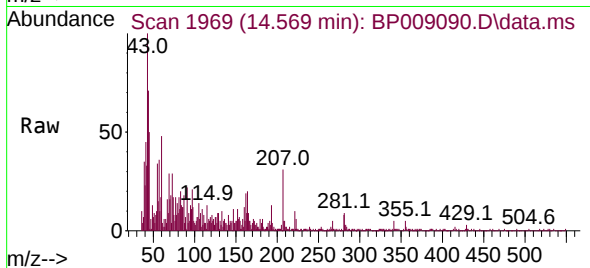




#54
2,4-Dinitrophenol
Concen: 2.174 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.018 min
Lab File: BP009090.D
Acq: 09 Feb 2022 21:58

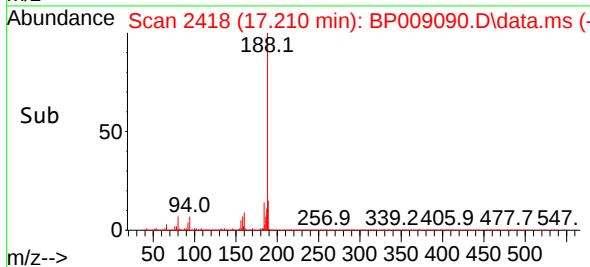
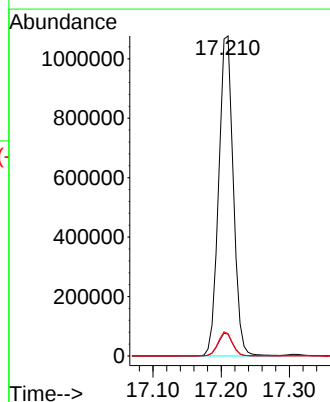
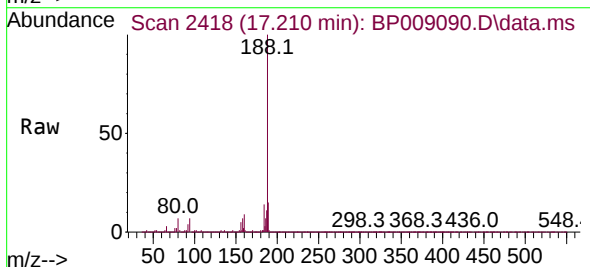
Instrument :
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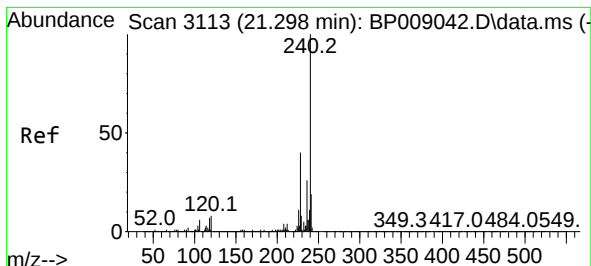
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 434.5 35.6 53.4#
154 548.3 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009090.D
Acq: 09 Feb 2022 21:58

Tgt Ion:188 Resp: 1605863
Ion Ratio Lower Upper
188 100
94 6.8 6.8 10.2#
80 7.0 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: BP009090.D

Acq: 09 Feb 2022 21:58

Instrument :

BNA_P

ClientSampleId :

SP-4

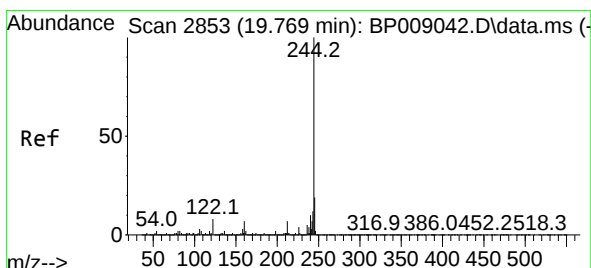
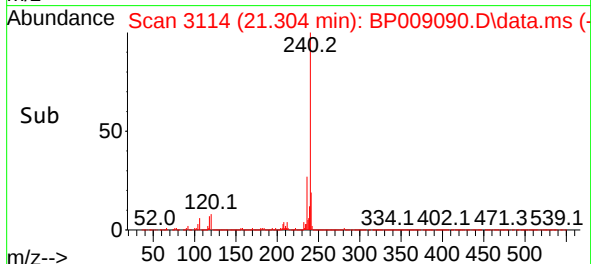
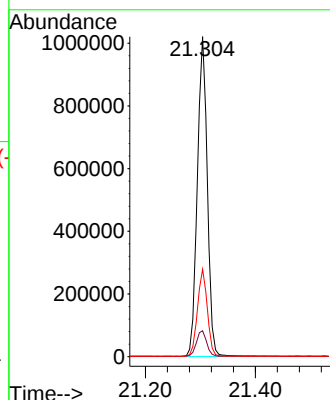
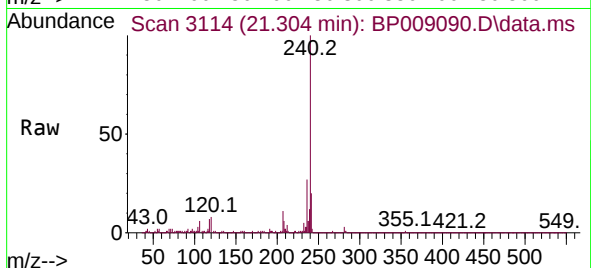
Tgt Ion:240 Resp: 1285403

Ion Ratio Lower Upper

240 100

120 8.1 7.7 11.5

236 27.4 21.2 31.8



#79

Terphenyl-d14

Concen: 66.891 ng

RT: 19.775 min Scan# 2854

Delta R.T. 0.006 min

Lab File: BP009090.D

Acq: 09 Feb 2022 21:58

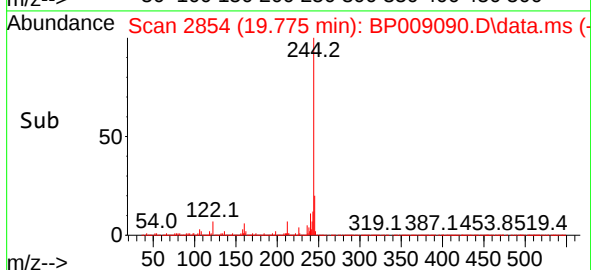
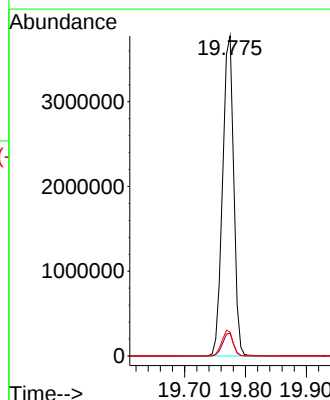
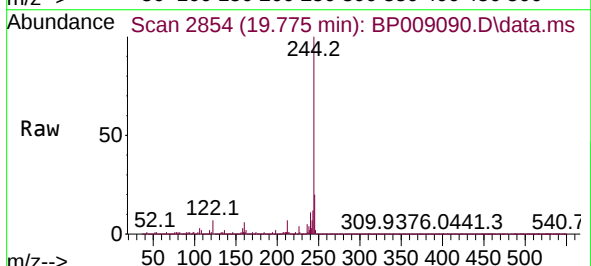
Tgt Ion:244 Resp: 4781212

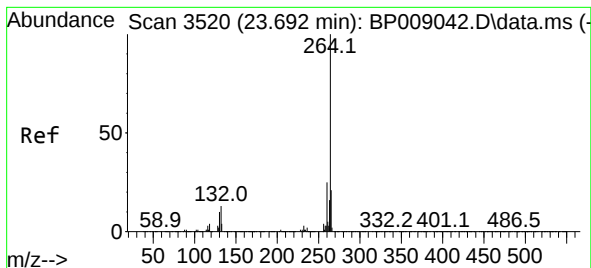
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 7.5 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009090.D

Acq: 09 Feb 2022 21:58

Instrument :

BNA_P

ClientSampleId :

SP-4

Tgt Ion:264 Resp: 1273416

Ion Ratio Lower Upper

264 100

260 25.8 19.1 28.7

265 22.8 17.1 25.7

