

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009213.D
 Acq On : 18 Feb 2022 14:47
 Operator : CG/JU
 Sample : N1573-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GES-2R

Quant Time: Feb 19 00:48:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

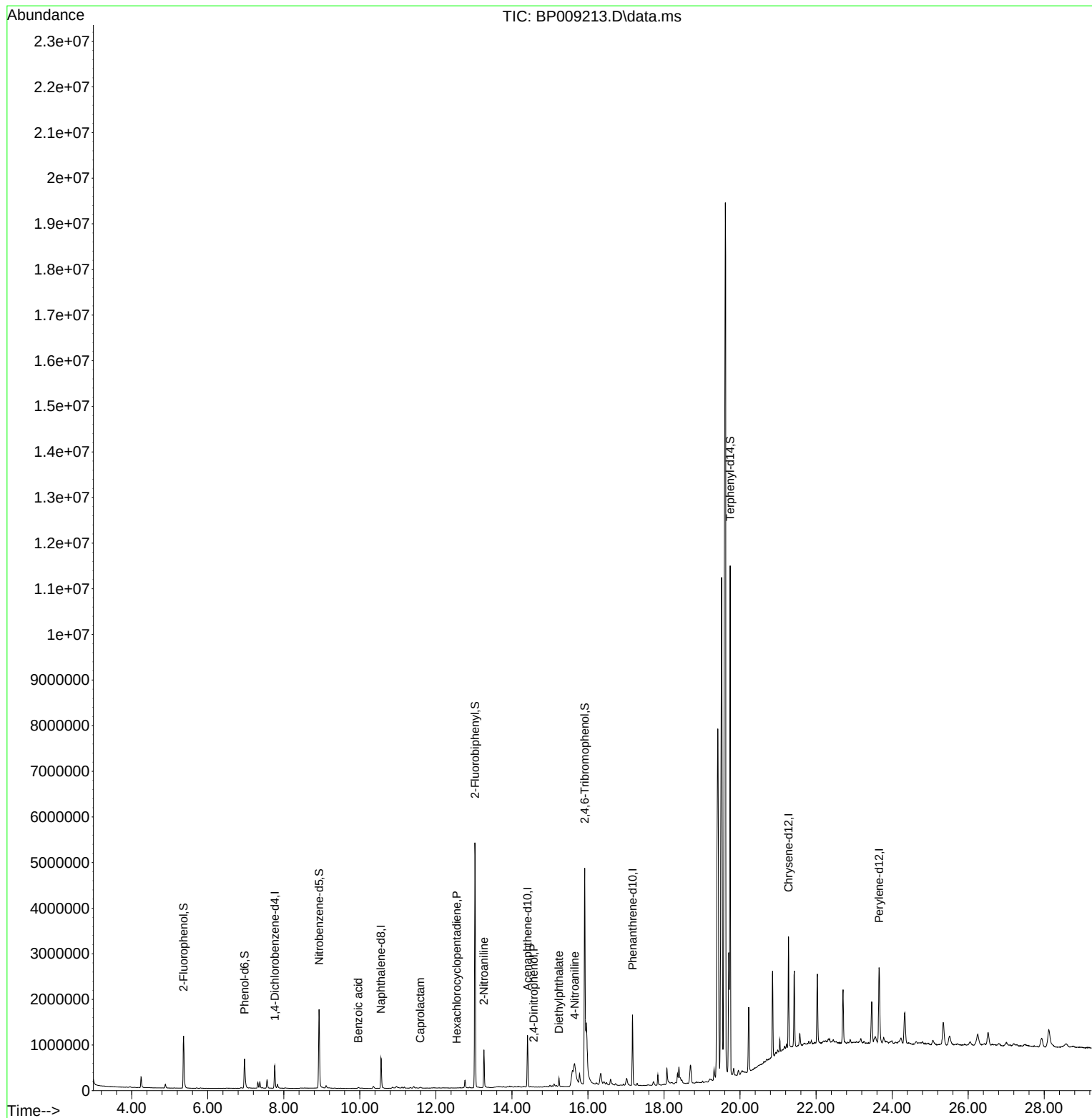
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	158009	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	605005	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	428308	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	986963	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1209896	20.000	ng	0.00
86) Perylene-d12	23.657	264	1384030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	661075	74.631	ng	0.00
7) Phenol-d6	6.969	99	509812	43.679	ng	0.00
23) Nitrobenzene-d5	8.928	82	1107351	103.218	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1091792	190.917	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2960320	96.756	ng	0.00
79) Terphenyl-d14	19.739	244	5512639	81.937	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	1221	2.908	ng	# 82
35) Caprolactam	11.587	113	6857	2.386	ng	# 59
41) Hexachlorocyclopentadiene	12.545	237	20	8.659	ng	74
48) 2-Nitroaniline	13.263	65	22072	3.809	ng	# 9
54) 2,4-Dinitrophenol	14.575	184	39	2.181	ng	# 1
60) Diethylphthalate	15.239	149	102028	3.534	ng	99
62) 4-Nitroaniline	15.651	138	15407	2.353	ng	88

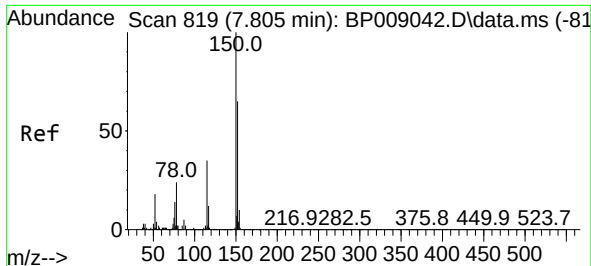
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 00:48:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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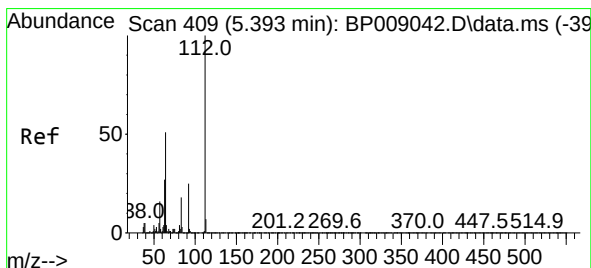
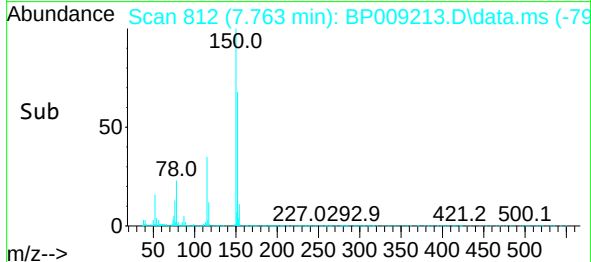
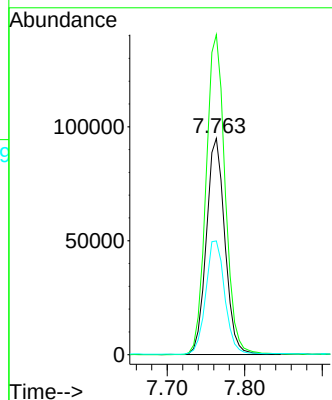
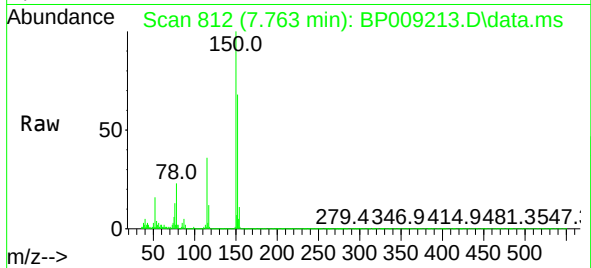




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

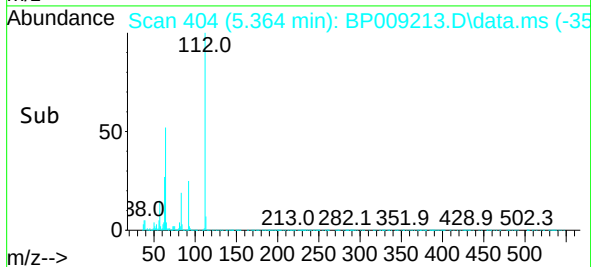
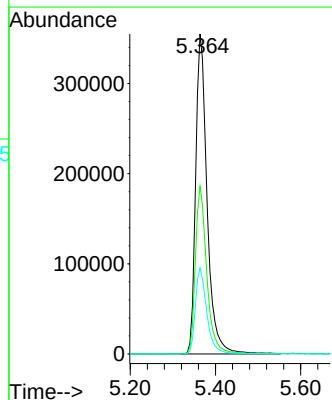
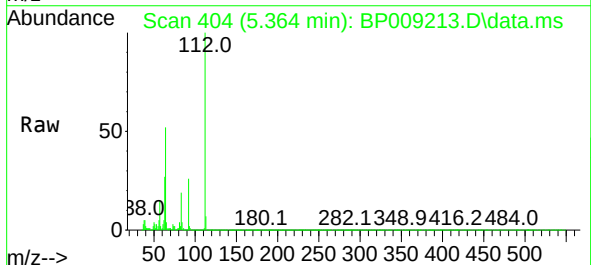
Instrument :
BNA_P
ClientSampleId :
GES-2R

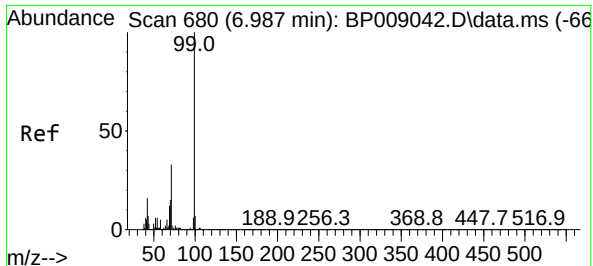
Tgt Ion:152 Resp: 158009
Ion Ratio Lower Upper
152 100
150 147.9 127.0 190.6
115 52.6 43.7 65.5



#5
2-Fluorophenol
Concen: 74.631 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion:112 Resp: 661075
Ion Ratio Lower Upper
112 100
64 52.4 39.7 59.5
63 26.8 20.0 30.0

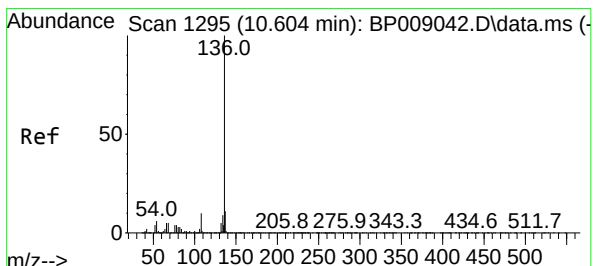
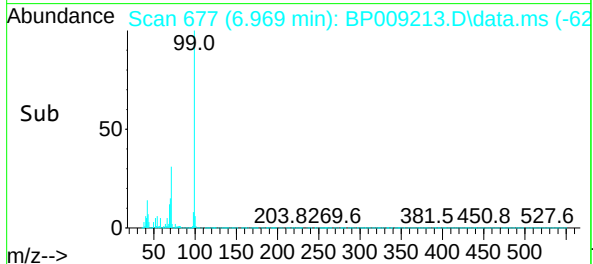
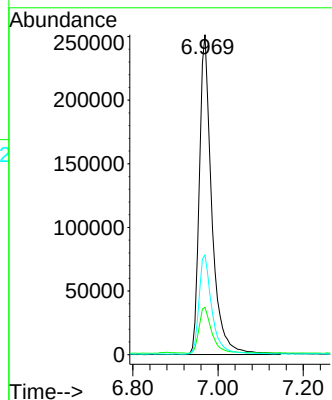
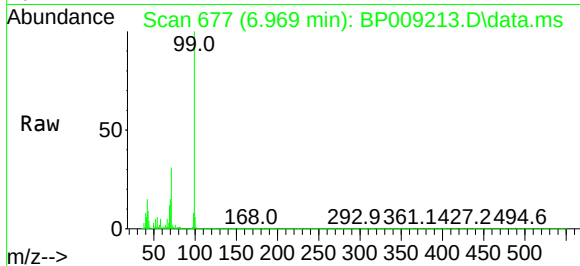




#7
Phenol-d6
Concen: 43.679 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

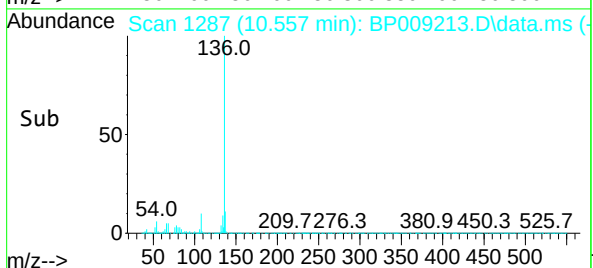
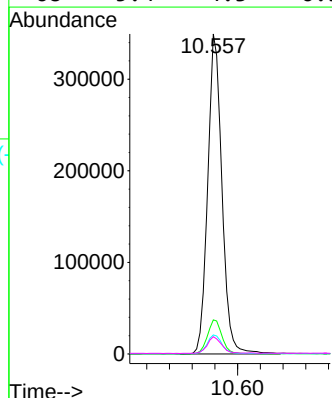
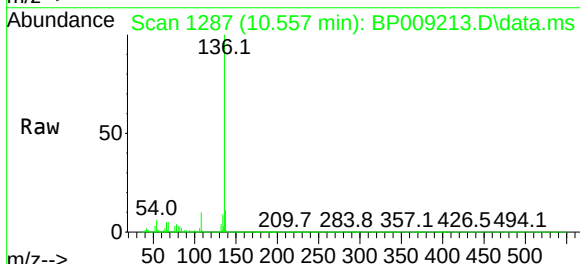
Instrument :
BNA_P
ClientSampleId :
GES-2R

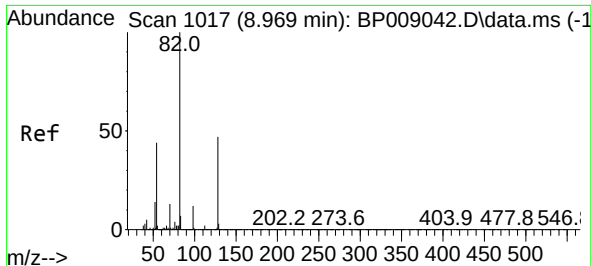
Tgt Ion: 99 Resp: 509812
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 31.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion: 136 Resp: 605005
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.0 4.9 7.3
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 103.218 ng

RT: 8.928 min Scan# 110

Delta R.T. -0.006 min

Lab File: BP009213.D

Acq: 18 Feb 2022 14:47

Instrument :

BNA_P

ClientSampleId :

GES-2R

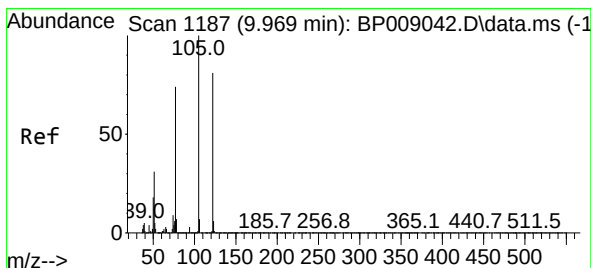
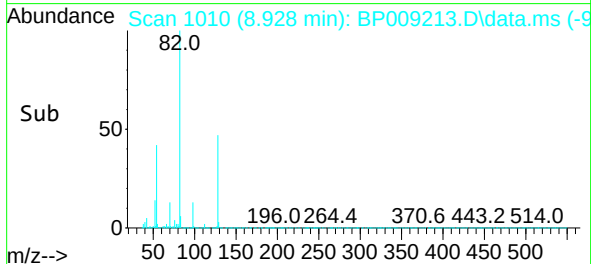
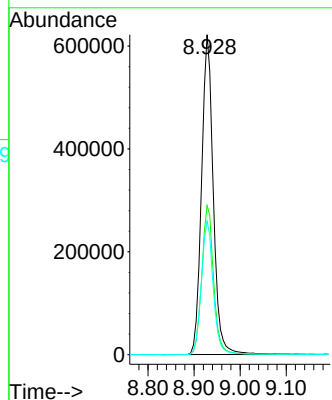
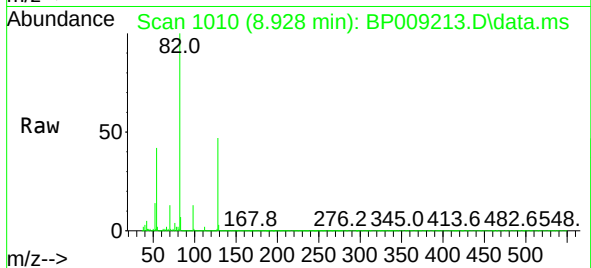
Tgt Ion: 82 Resp: 1107351

Ion Ratio Lower Upper

82 100

128 46.6 39.4 59.2

54 41.8 32.6 48.8



#32

Benzoic acid

Concen: 2.908 ng

RT: 9.963 min Scan# 1186

Delta R.T. -0.035 min

Lab File: BP009213.D

Acq: 18 Feb 2022 14:47

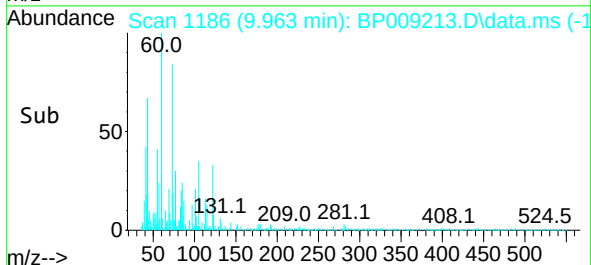
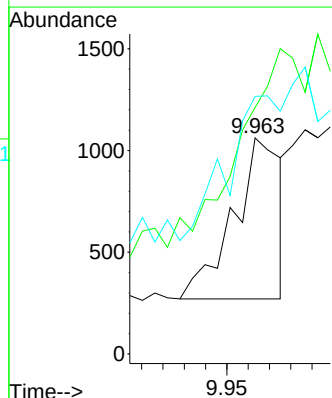
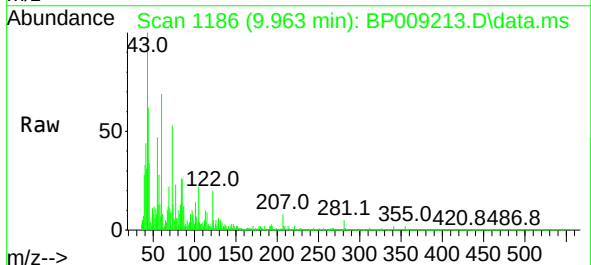
Tgt Ion:122 Resp: 1221

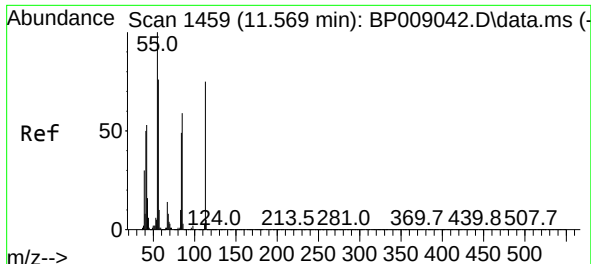
Ion Ratio Lower Upper

122 100

105 114.1 100.1 140.1

77 119.2 65.5 105.5#

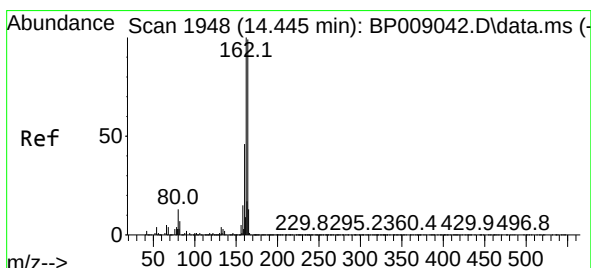
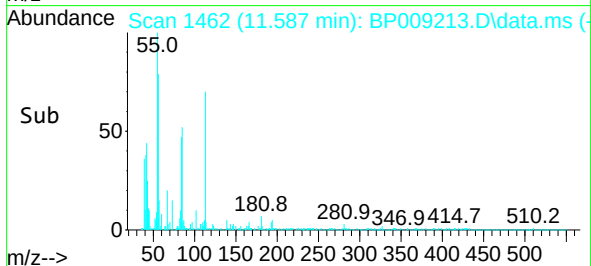
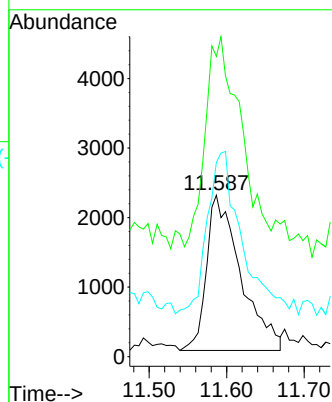
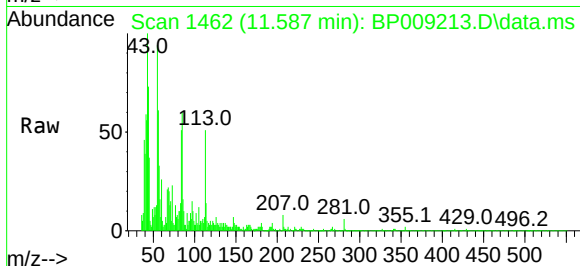




#35
Caprolactam
Concen: 2.386 ng
RT: 11.587 min Scan# 1459
Delta R.T. 0.023 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

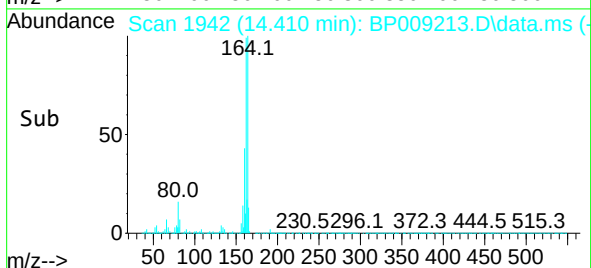
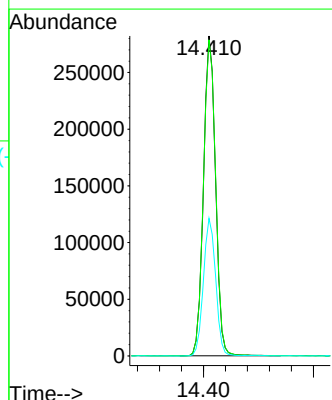
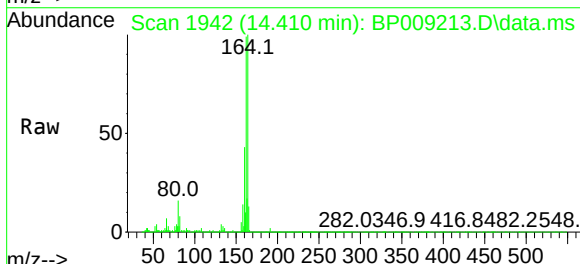
Instrument :
BNA_P
ClientSampleId :
GES-2R

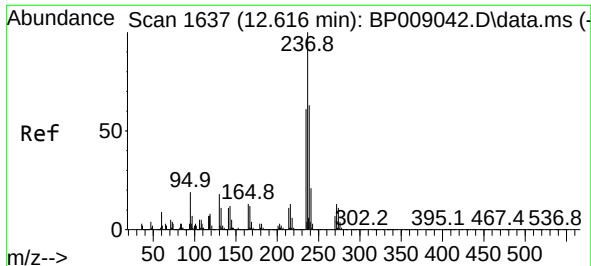
Tgt Ion:113 Resp: 6857
Ion Ratio Lower Upper
113 100
55 186.0 107.1 147.1#
56 120.3 74.1 114.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion:164 Resp: 428308
Ion Ratio Lower Upper
164 100
162 98.8 79.9 119.9
160 43.0 35.5 53.3

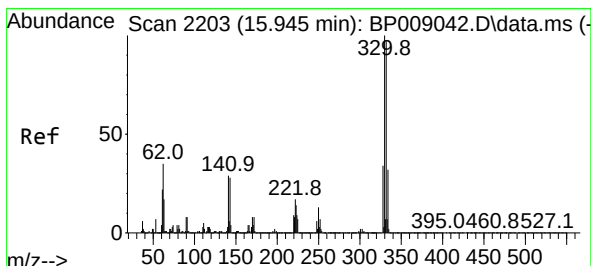
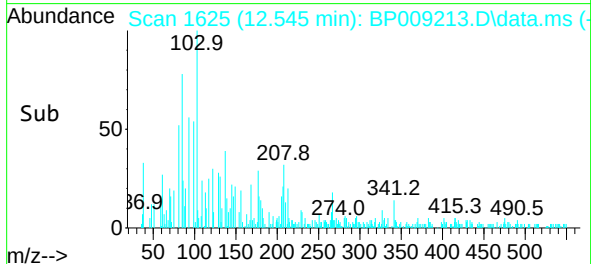
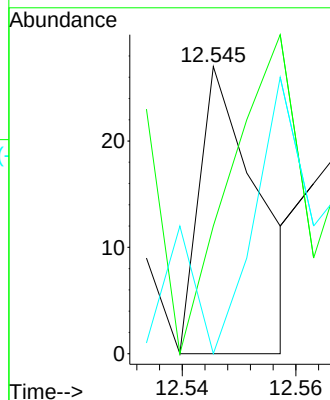
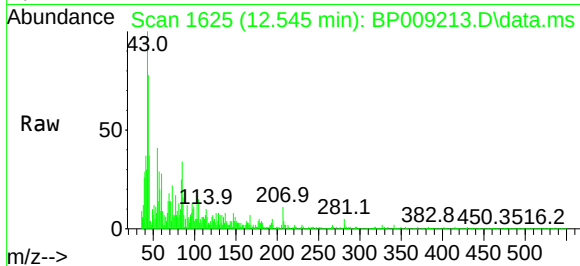




#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

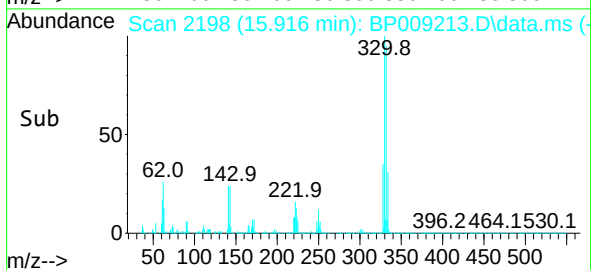
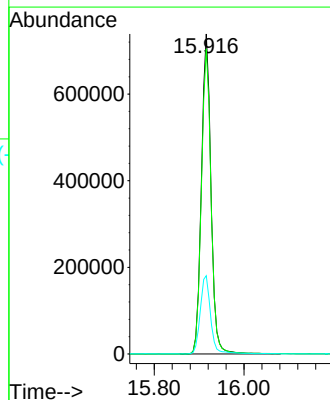
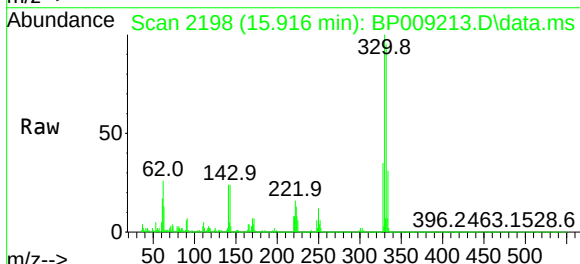
Instrument :
BNA_P
ClientSampleId :
GES-2R

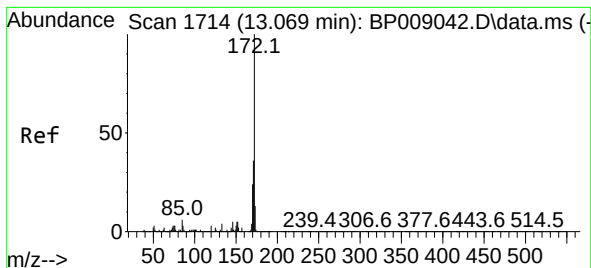
Tgt Ion:237	Resp:	20
Ion	Ratio	Lower Upper
237	100	
235	44.4	42.9 82.9
272	0.0	0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 190.917 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion:330	Resp:	1091792
Ion	Ratio	Lower Upper
330	100	
332	96.3	77.0 115.4
141	26.5	21.3 31.9





#45

2-Fluorobiphenyl

Concen: 96.756 ng

RT: 13.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009213.D

Acq: 18 Feb 2022 14:47

Instrument :

BNA_P

ClientSampleId :

GES-2R

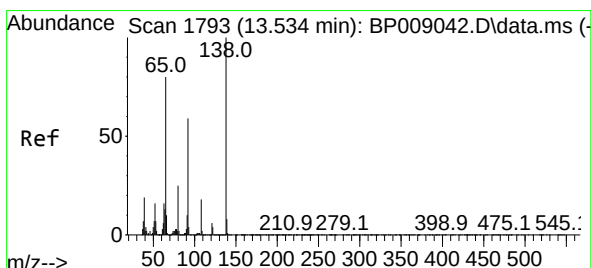
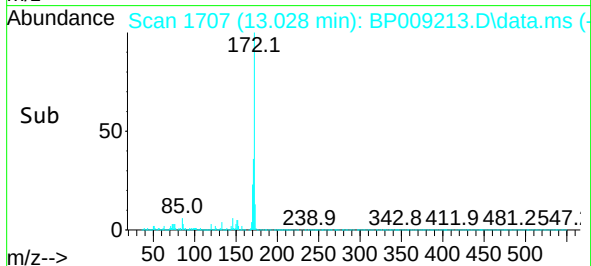
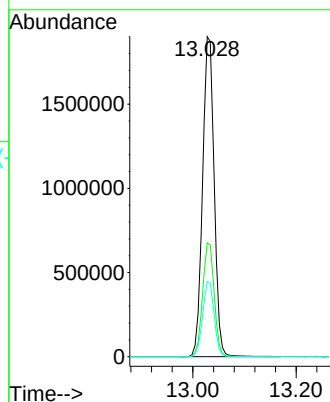
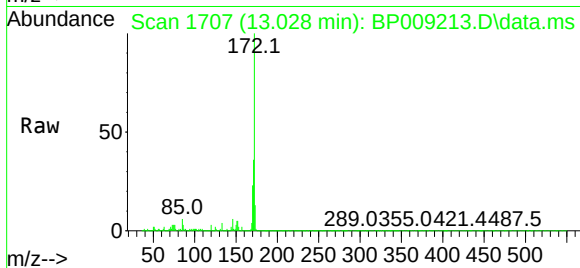
Tgt Ion:172 Resp: 2960320

Ion Ratio Lower Upper

172 100

171 35.6 29.3 43.9

170 23.5 19.5 29.3



#48

2-Nitroaniline

Concen: 3.809 ng

RT: 13.263 min Scan# 1747

Delta R.T. -0.253 min

Lab File: BP009213.D

Acq: 18 Feb 2022 14:47

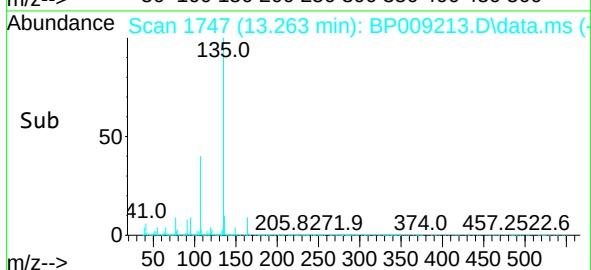
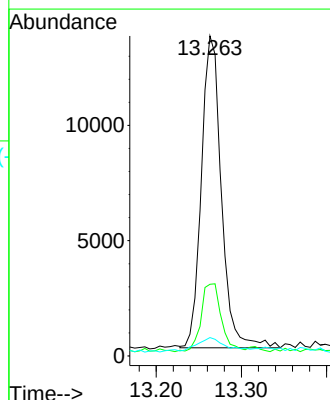
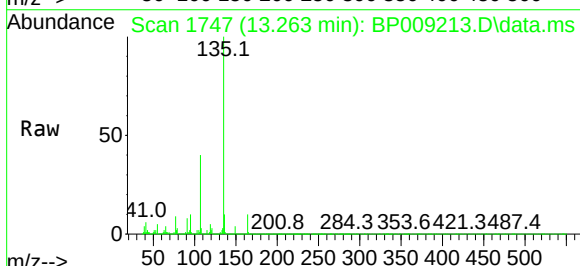
Tgt Ion: 65 Resp: 22072

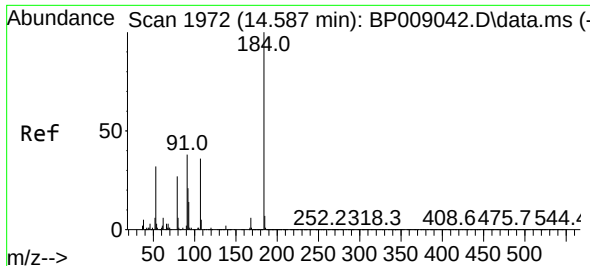
Ion Ratio Lower Upper

65 100

92 22.4 62.2 93.4#

138 5.8 105.8 158.8#

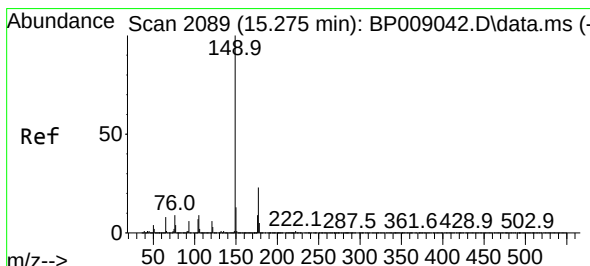
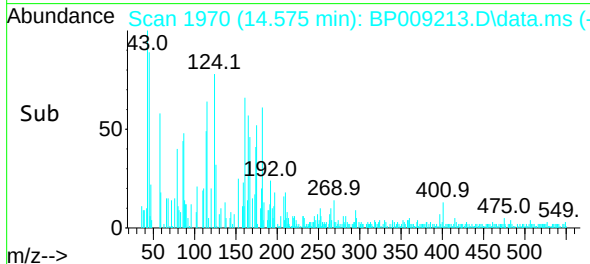
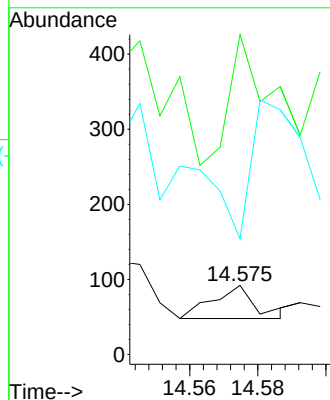
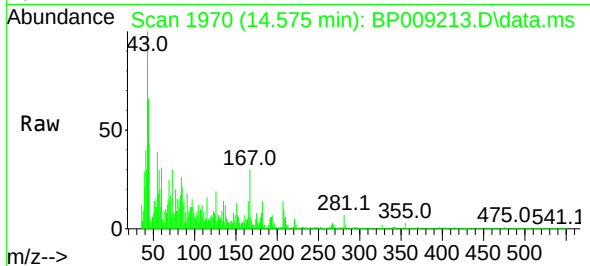




#54
2,4-Dinitrophenol
Concen: 2.181 ng
RT: 14.575 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

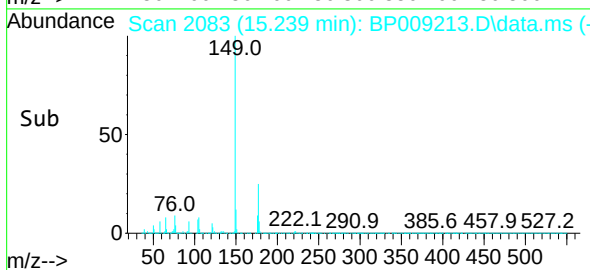
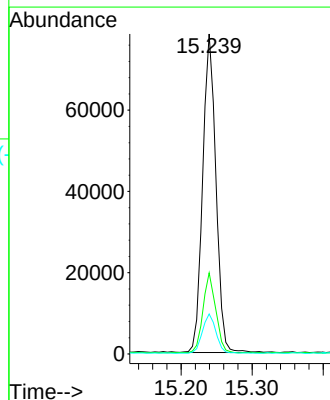
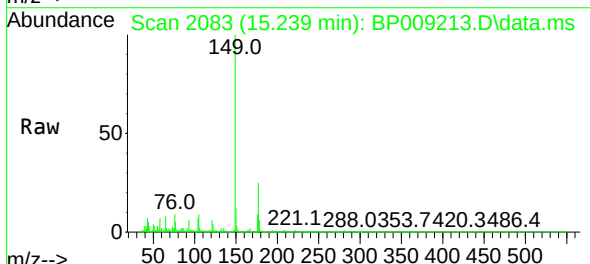
Instrument :
BNA_P
ClientSampleId :
GES-2R

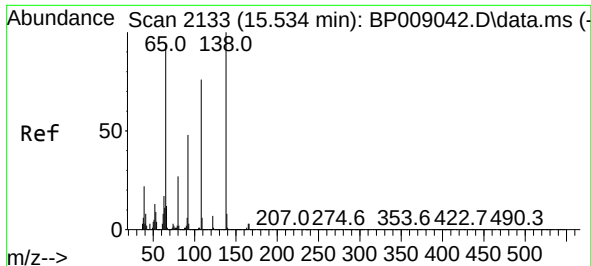
Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 463.0 35.6 53.4#
154 167.4 43.4 65.0#



#60
Diethylphthalate
Concen: 3.534 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion:149 Resp: 102028
Ion Ratio Lower Upper
149 100
177 25.4 19.9 29.9
150 12.5 10.3 15.5

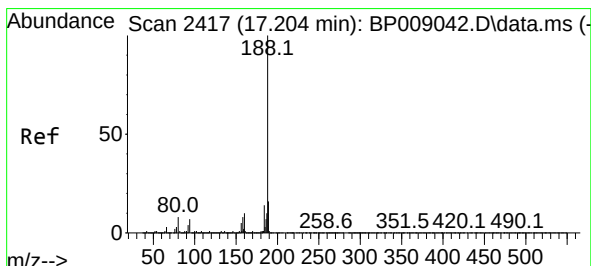
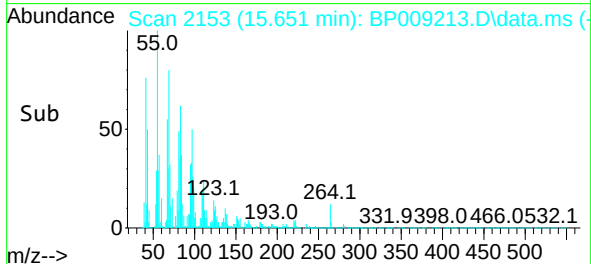
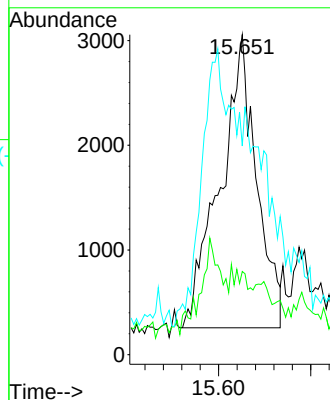
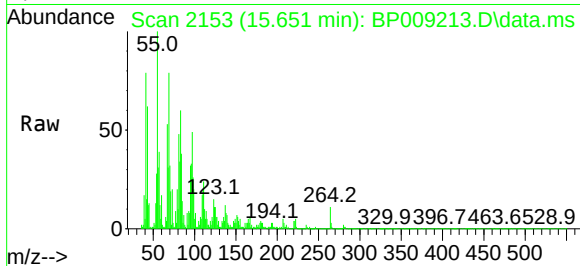




#62
4-Nitroaniline
Concen: 2.353 ng
RT: 15.651 min Scan# 2133
Delta R.T. 0.129 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

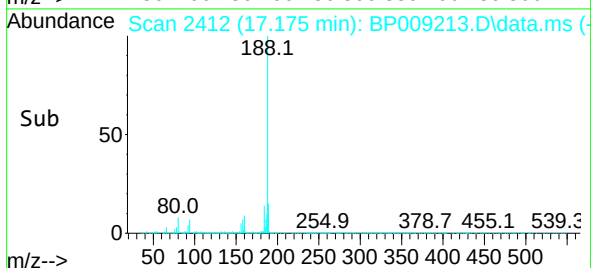
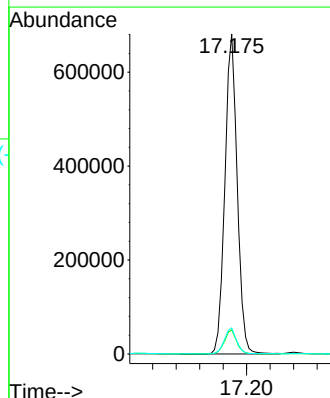
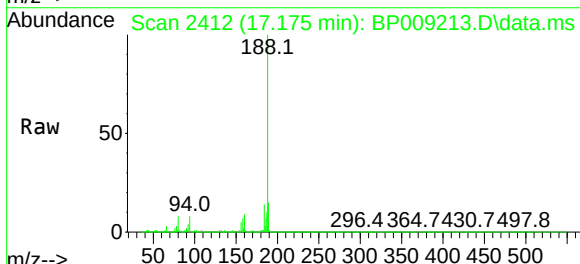
Instrument :
BNA_P
ClientSampleId :
GES-2R

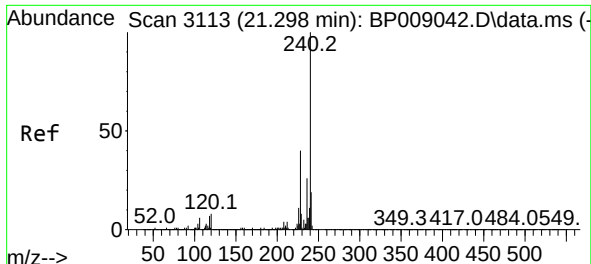
Tgt Ion:138 Resp: 15407
Ion Ratio Lower Upper
138 100
92 26.0 24.3 64.3
108 65.2 44.8 84.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion:188 Resp: 986963
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.2 7.2 10.8

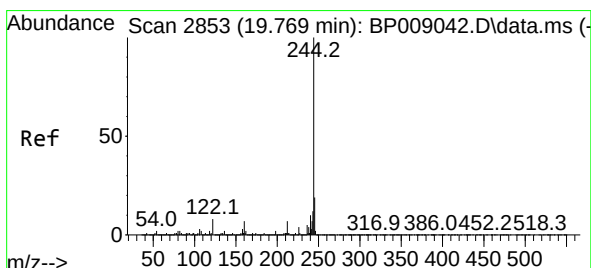
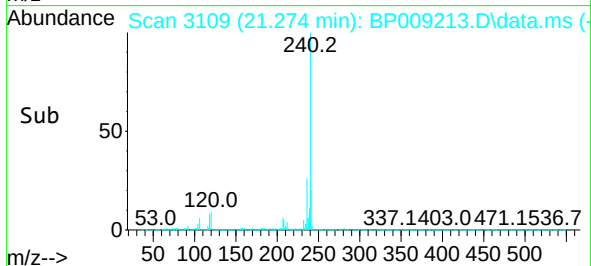
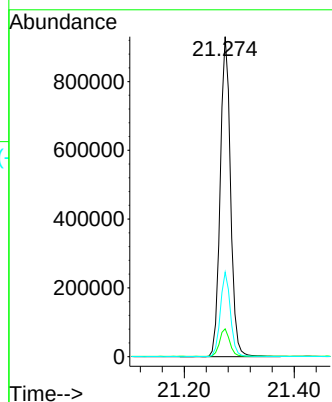
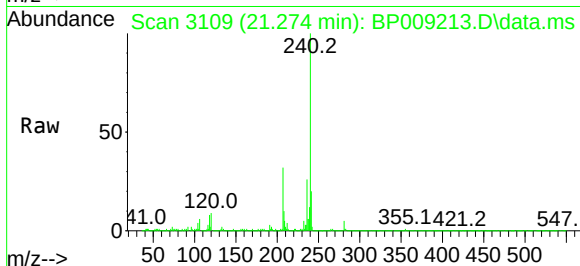




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

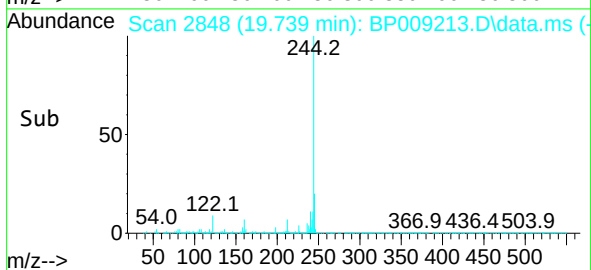
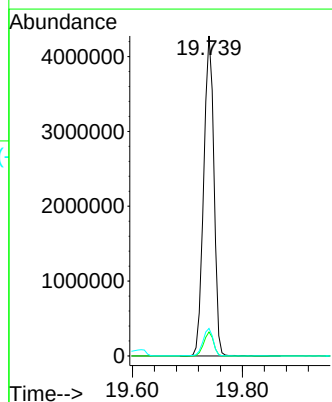
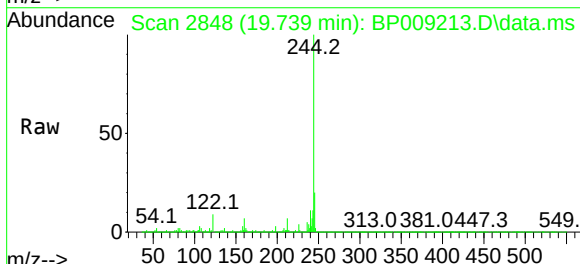
Instrument :
BNA_P
ClientSampleId :
GES-2R

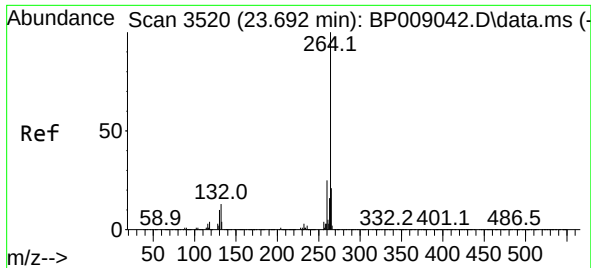
Tgt Ion:240 Resp: 1209896
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 26.4 21.2 31.8



#79
Terphenyl-d14
Concen: 81.937 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP009213.D
Acq: 18 Feb 2022 14:47

Tgt Ion:244 Resp: 5512639
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.6 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.657 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP009213.D
 Acq: 18 Feb 2022 14:47

Instrument :
 BNA_P
 ClientSampleId :
 GES-2R

Tgt Ion:264 Resp: 1384030
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.8 17.1 25.7

