

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009210.D
 Acq On : 18 Feb 2022 12:58
 Operator : CG/JU
 Sample : PB142739BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142739BL

Quant Time: Feb 19 00:47:59 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)

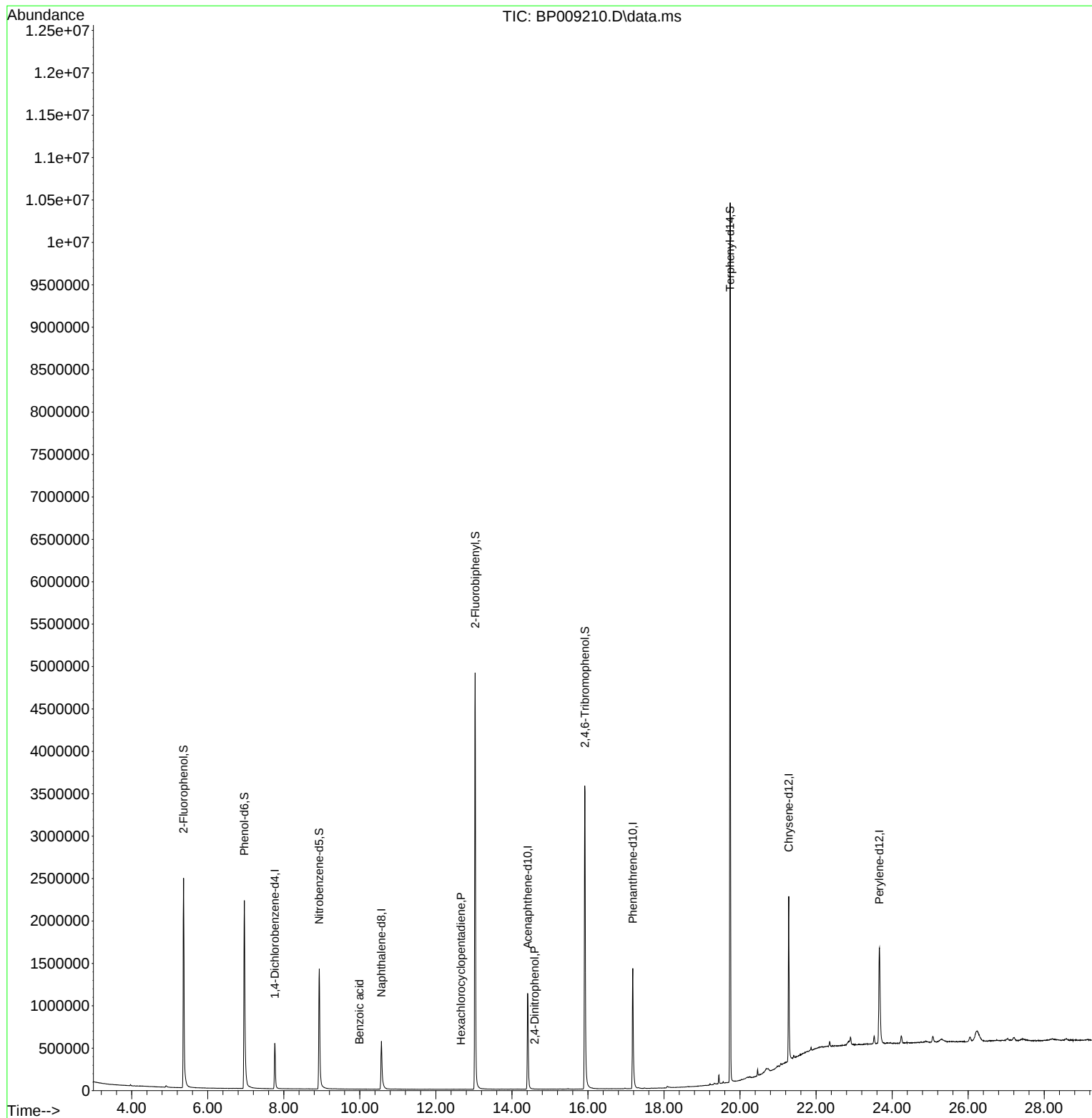
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	181399	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	702892	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	499860	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1155199	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1133842	20.000	ng	0.00
86) Perylene-d12	23.663	264	1118356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1403949	138.059	ng	0.00
7) Phenol-d6	6.963	99	1760678	131.397	ng	0.00
23) Nitrobenzene-d5	8.934	82	1066406	85.559	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	990348	148.388	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	3052268	85.481	ng	0.00
79) Terphenyl-d14	19.739	244	5246230	83.208	ng	0.00
Target Compounds						
32) Benzoic acid	9.993	122	7	2.690	ng	# 1
41) Hexachlorocyclopentadiene	12.657	237	15	8.658	ng	86
54) 2,4-Dinitrophenol	14.598	184	22	2.173	ng	# 1

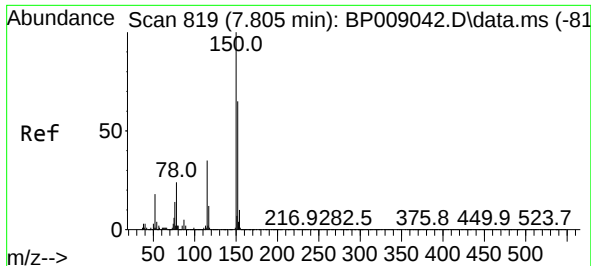
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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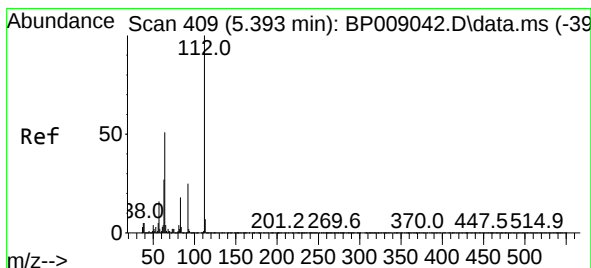
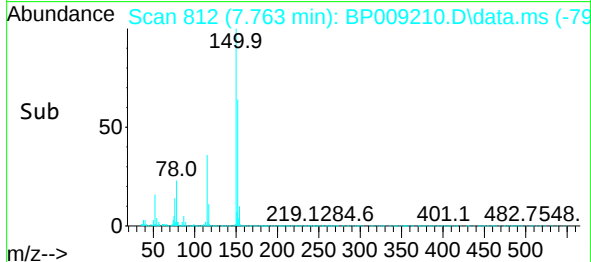
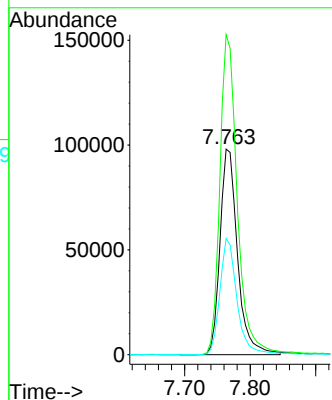
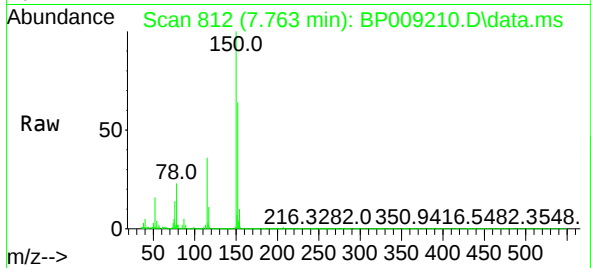




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

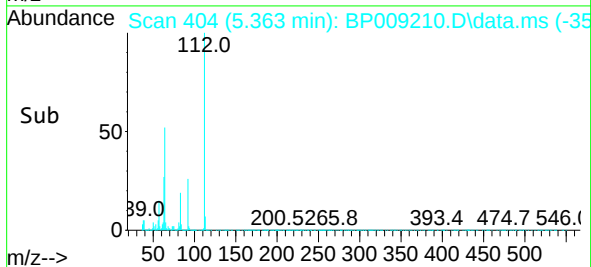
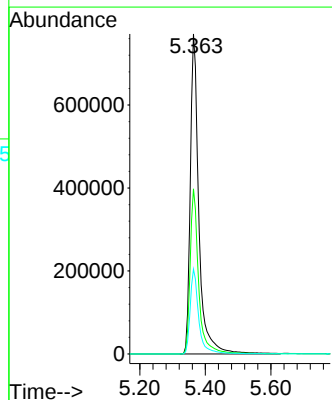
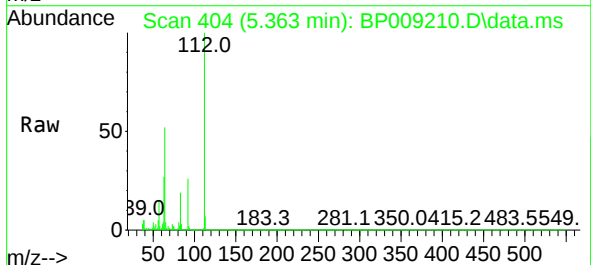
Instrument :
BNA_P
ClientSampleId :
PB142739BL

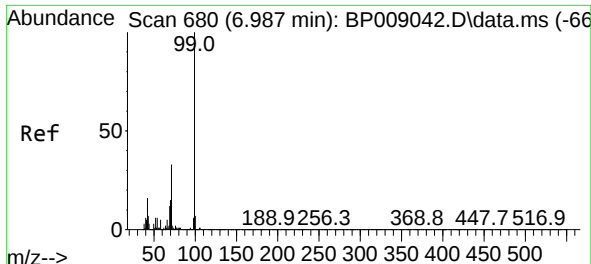
Tgt Ion:152 Resp: 181399
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 56.5 43.7 65.5



#5
2-Fluorophenol
Concen: 138.059 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

Tgt Ion:112 Resp: 1403949
Ion Ratio Lower Upper
112 100
64 51.6 39.7 59.5
63 26.5 20.0 30.0

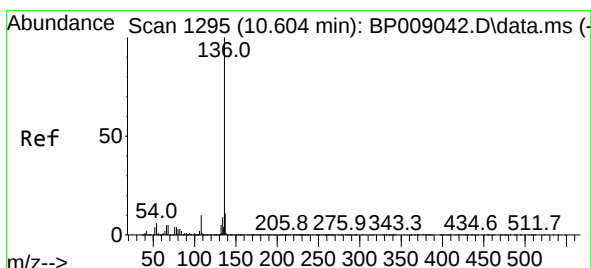
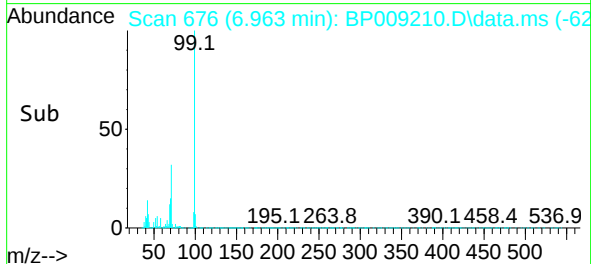
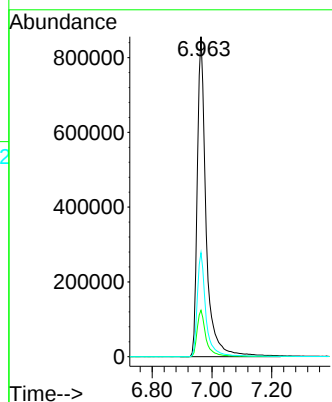
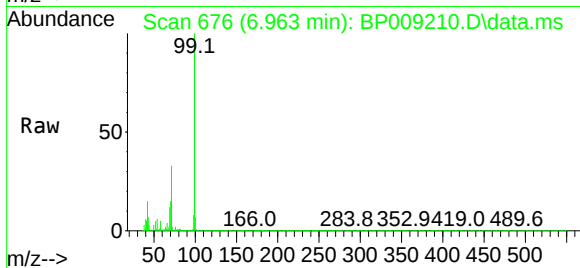




#7
Phenol-d6
Concen: 131.397 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

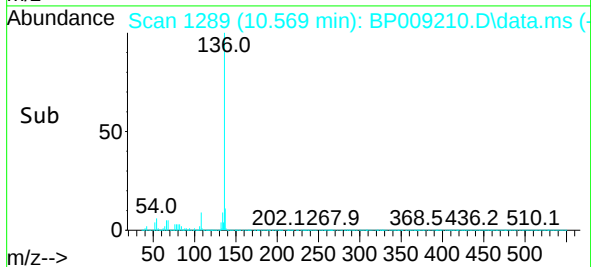
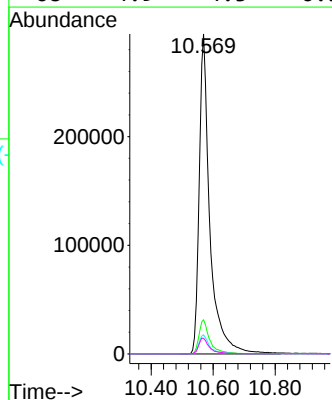
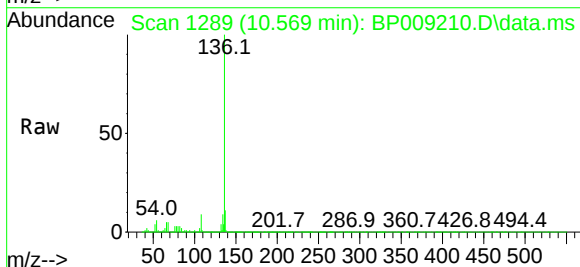
Instrument :
BNA_P
ClientSampleId :
PB142739BL

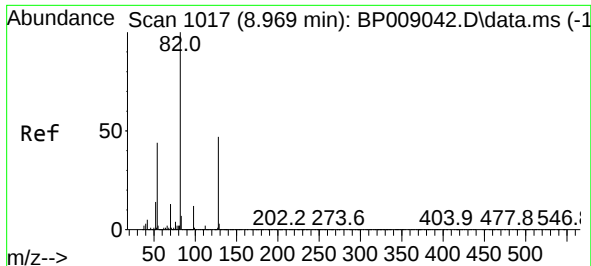
Tgt Ion: 99 Resp: 1760678
Ion Ratio Lower Upper
99 100
42 14.5 10.8 16.2
71 32.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

Tgt Ion:136 Resp: 702892
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.0 4.9 7.3
68 4.9 4.3 6.5

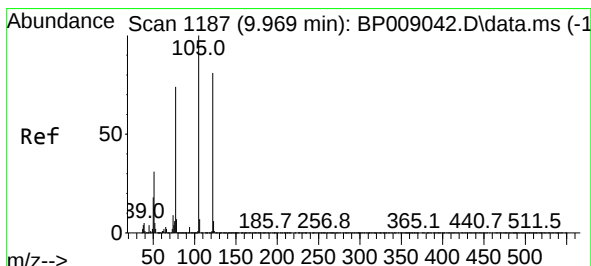
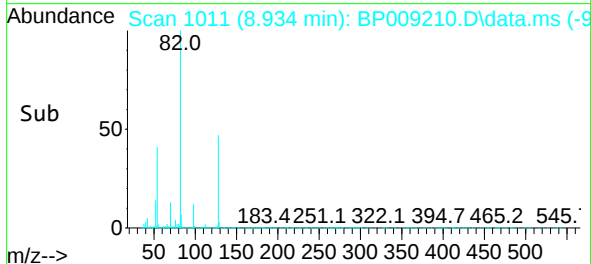
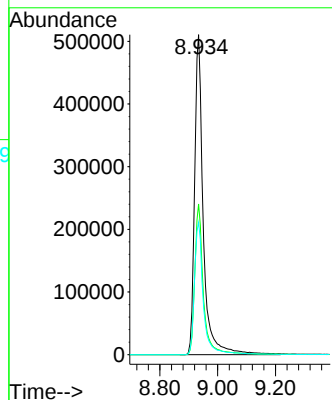
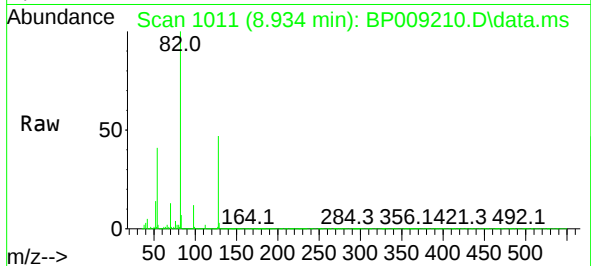




#23
Nitrobenzene-d5
Concen: 85.559 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

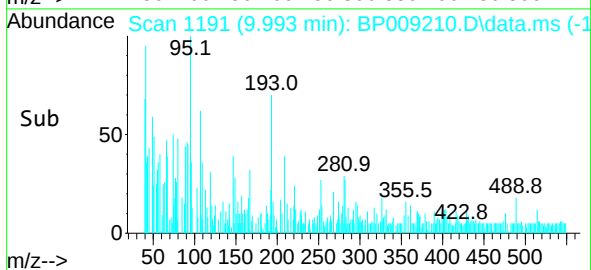
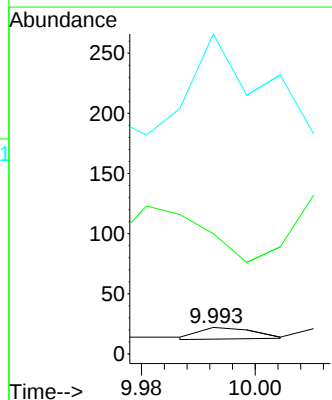
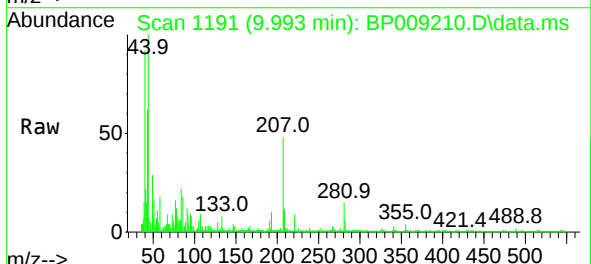
Instrument :
BNA_P
ClientSampleId :
PB142739BL

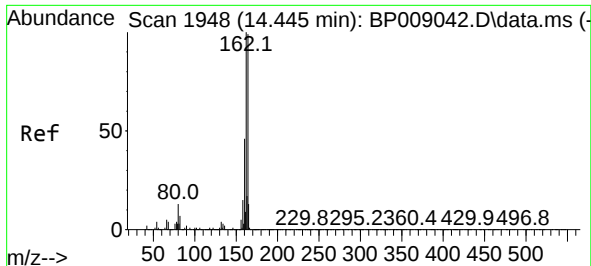
Tgt Ion: 82 Resp: 1066406
Ion Ratio Lower Upper
82 100
128 47.1 39.4 59.2
54 41.3 32.6 48.8



#32
Benzoic acid
Concen: 2.690 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

Tgt Ion: 122 Resp: 7
Ion Ratio Lower Upper
122 100
105 454.5 100.1 140.1#
77 1209.1 65.5 105.5#

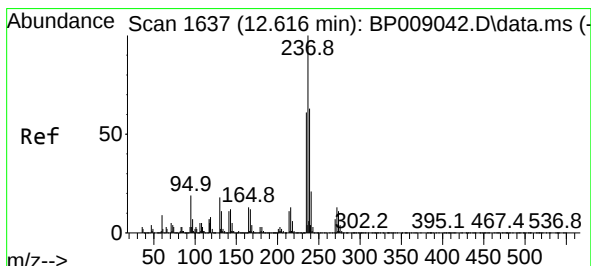
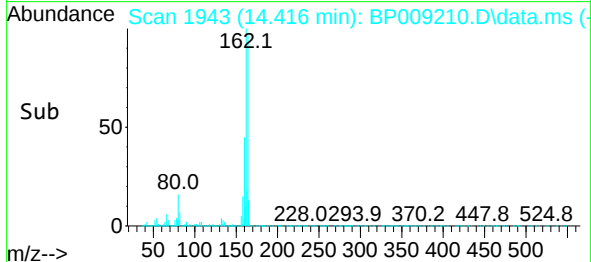
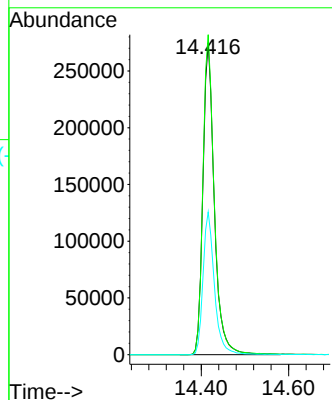
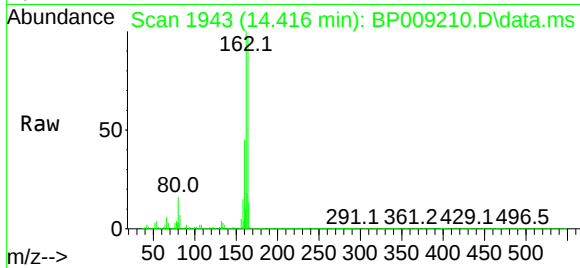




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

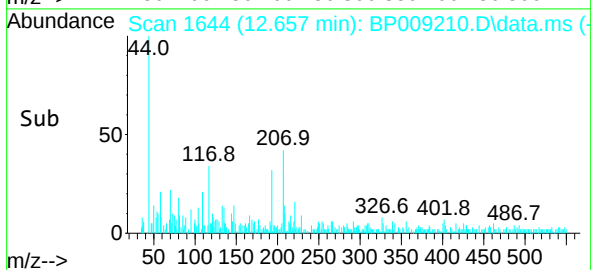
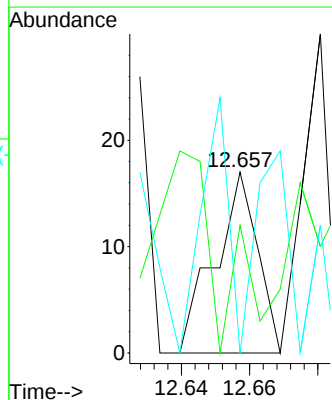
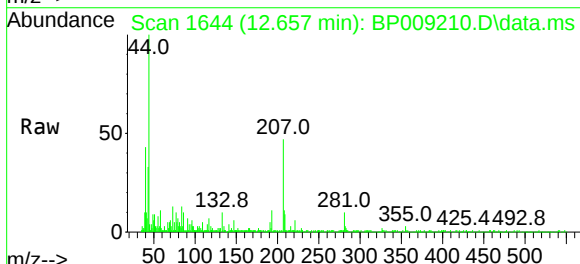
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ClientSampleId :
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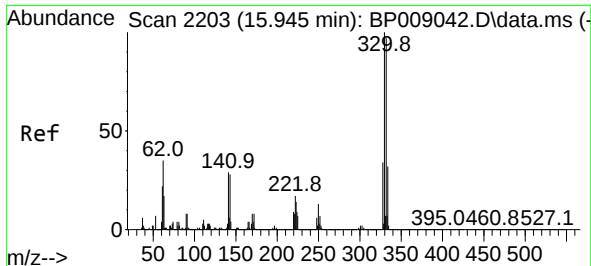
Tgt Ion:164 Resp: 499860
Ion Ratio Lower Upper
164 100
162 102.6 79.9 119.9
160 45.8 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.657 min Scan# 1644
Delta R.T. 0.082 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 70.6 42.9 82.9
272 0.0 0.0 33.8

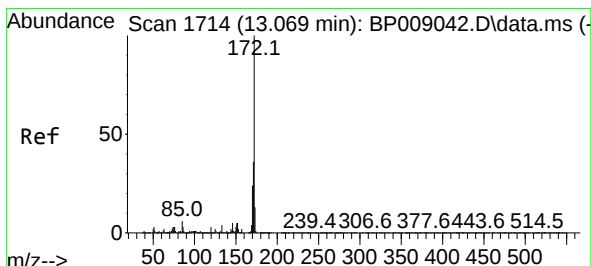
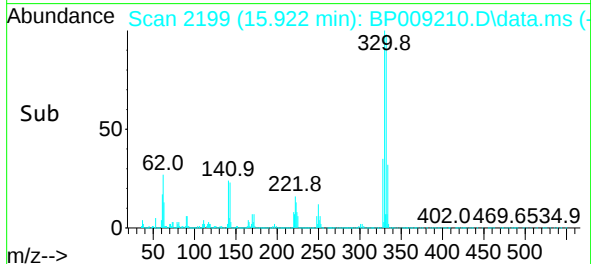
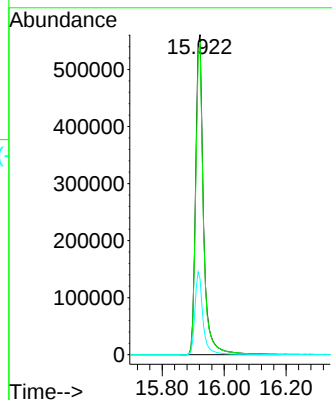
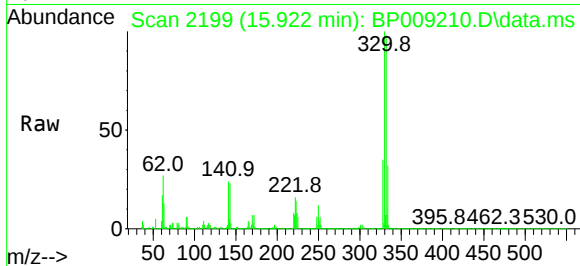




#42
2,4,6-Tribromophenol
Concen: 148.388 ng
RT: 15.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

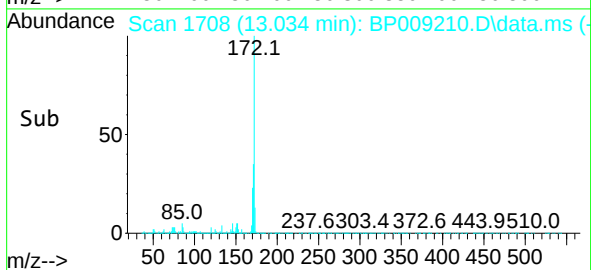
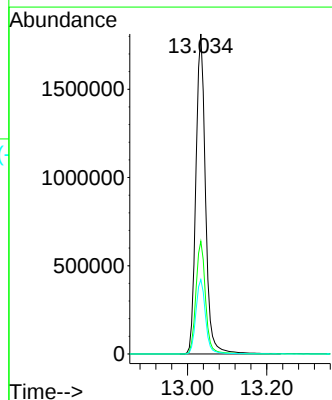
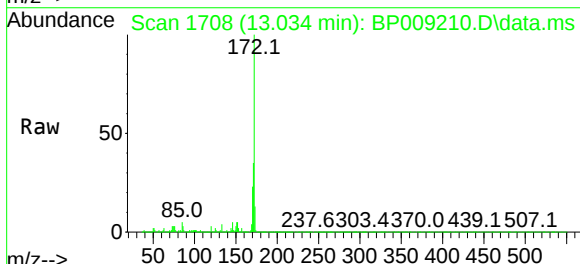
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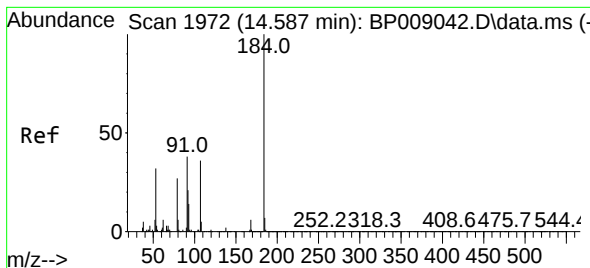
Tgt Ion:330 Resp: 990348
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 26.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 85.481 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

Tgt Ion:172 Resp: 3052268
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.2 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 2.173 ng

RT: 14.598 min Scan# 1974

Delta R.T. 0.012 min

Lab File: BP009210.D

Acq: 18 Feb 2022 12:58

Instrument :

BNA_P

ClientSampleId :

PB142739BL

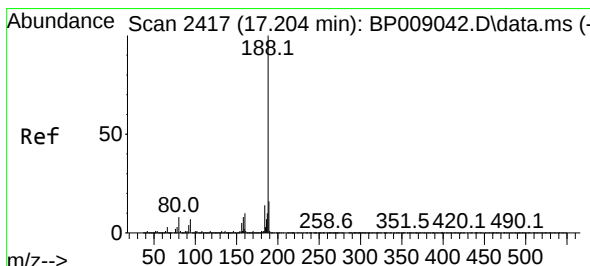
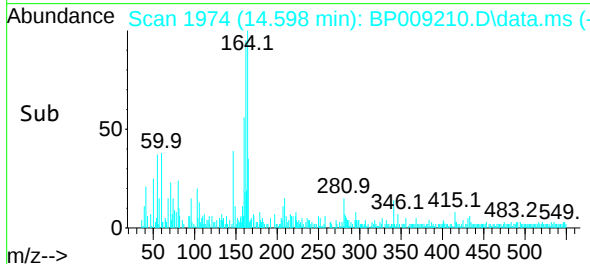
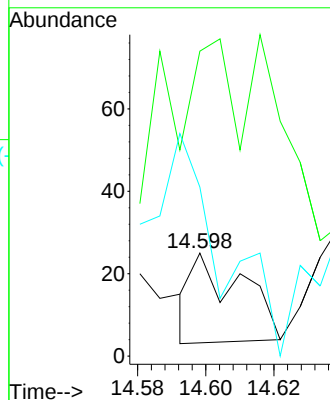
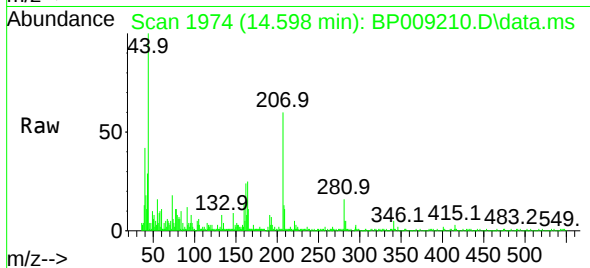
Tgt Ion:184 Resp: 22

Ion Ratio Lower Upper

184 100

63 388.0 35.6 53.4#

154 164.0 43.4 65.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2413

Delta R.T. 0.006 min

Lab File: BP009210.D

Acq: 18 Feb 2022 12:58

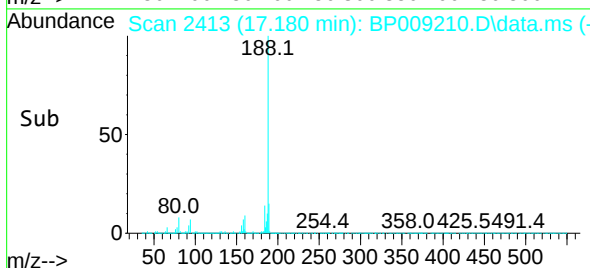
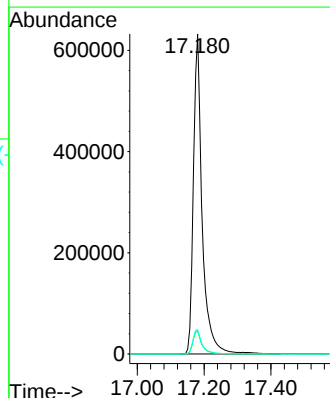
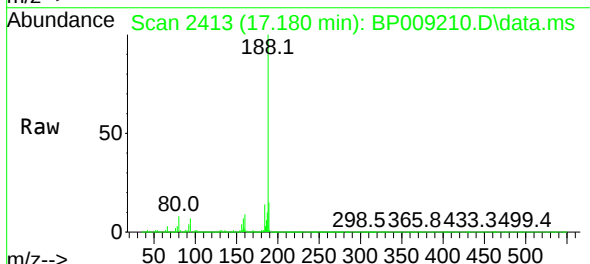
Tgt Ion:188 Resp: 1155199

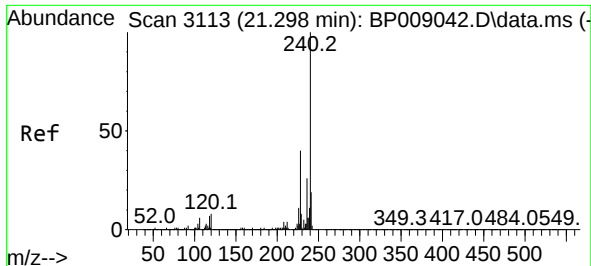
Ion Ratio Lower Upper

188 100

94 7.1 6.8 10.2

80 7.6 7.2 10.8

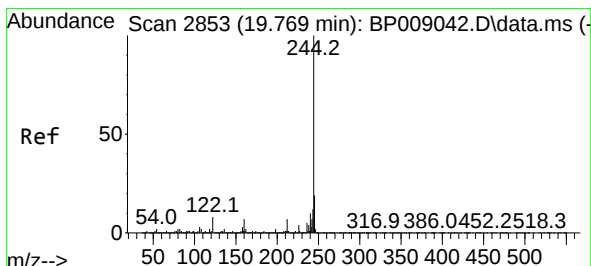
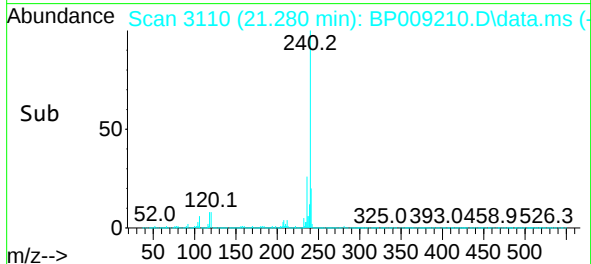
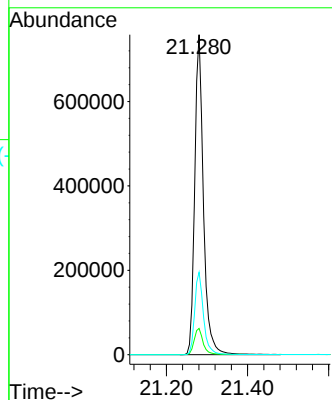
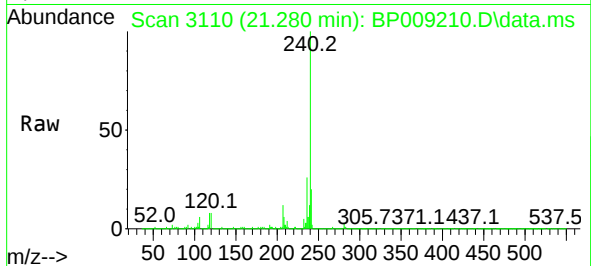




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

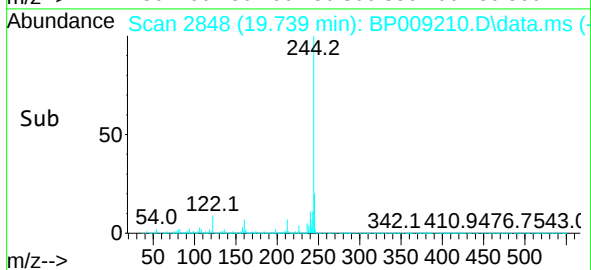
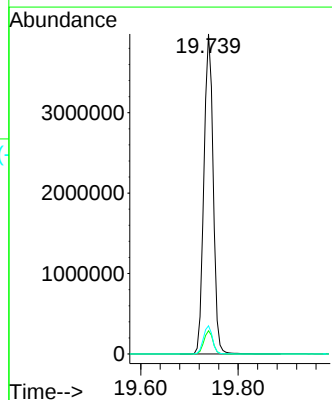
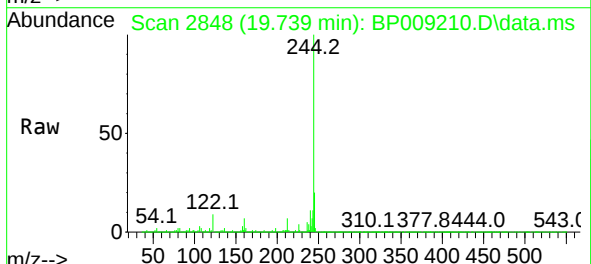
Instrument :
BNA_P
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PB142739BL

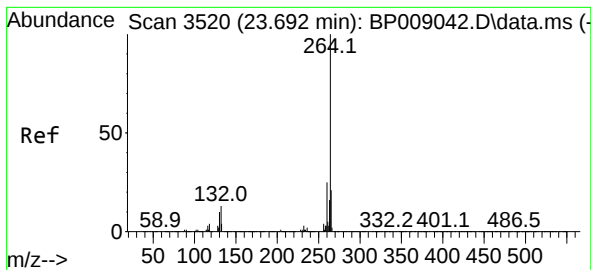
Tgt Ion:240 Resp: 1133842
Ion Ratio Lower Upper
240 100
120 8.2 7.7 11.5
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 83.208 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP009210.D
Acq: 18 Feb 2022 12:58

Tgt Ion:244 Resp: 5246230
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.8 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.663 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009210.D

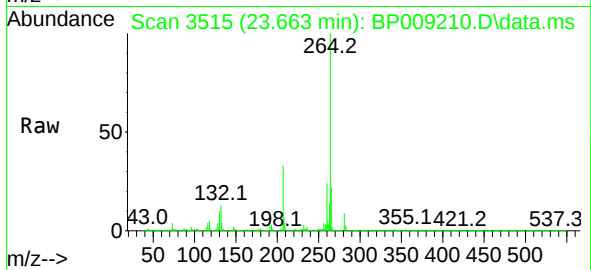
Acq: 18 Feb 2022 12:58

Instrument :

BNA_P

ClientSampleId :

PB142739BL



Tgt Ion:264 Resp: 1118356

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.9 17.1 25.7

