

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009056.D
 Acq On : 08 Feb 2022 13:51
 Operator : CG/JU
 Sample : N1411-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 282-284

Quant Time: Feb 08 14:27:35 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)

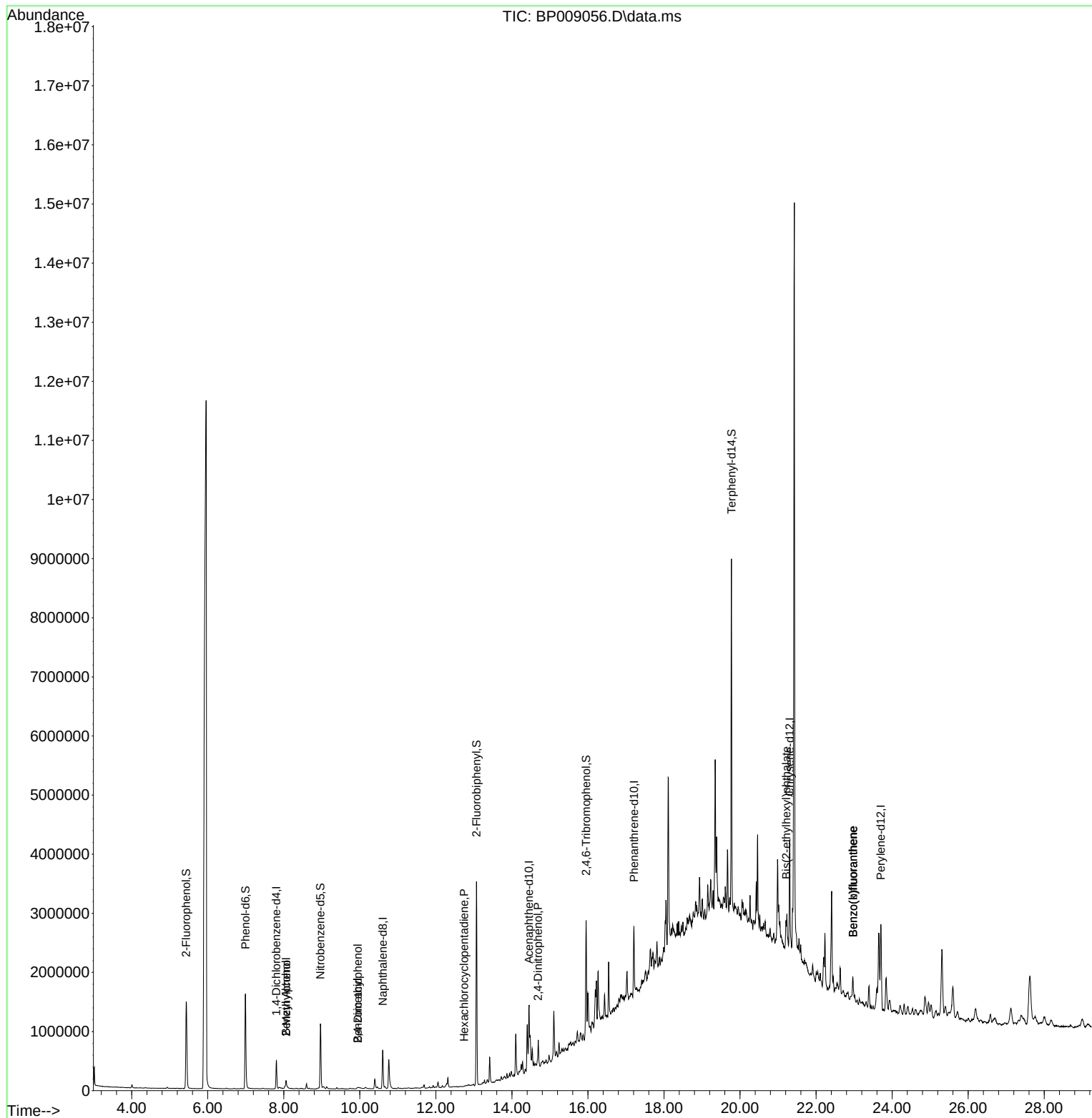
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	148055	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	600582	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	333747	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	708434	20.000	ng	0.00
76) Chrysene-d12	21.304	240	875148	20.000	ng	0.00
86) Perylene-d12	23.704	264	1001601	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	917390	110.530	ng	0.04
7) Phenol-d6	6.993	99	1077299	98.504	ng	0.00
23) Nitrobenzene-d5	8.963	82	695814	65.336	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	503343	112.955	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1897032	79.570	ng	0.00
79) Terphenyl-d14	19.774	244	2951679	60.654	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.057	79	74056	10.637	ng	93
17) 2-Methylphenol	8.063	107	41432	5.620	ng	# 19
27) 2,4-Dimethylphenol	9.946	122	20283	2.605	ng	# 9
32) Benzoic acid	9.946	122	22294	6.636	ng	93
41) Hexachlorocyclopentadiene	12.745	237	33	8.663	ng	91
54) 2,4-Dinitrophenol	14.686	184	314	2.317	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.215	149	116417	4.111	ng	# 98
88) Benzo(b)fluoranthene	22.974	252	128592	2.085	ng	# 73
89) Benzo(k)fluoranthene	22.974	252	128592	2.090	ng	# 73

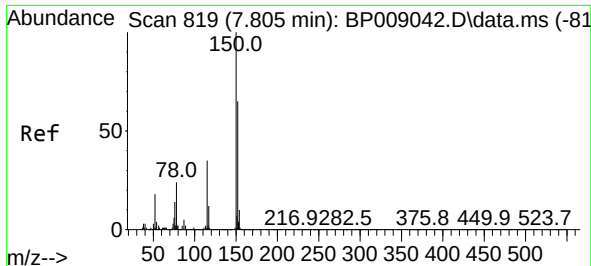
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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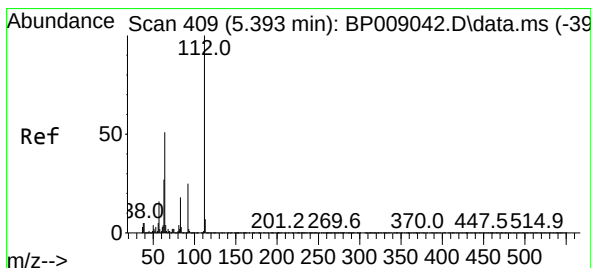
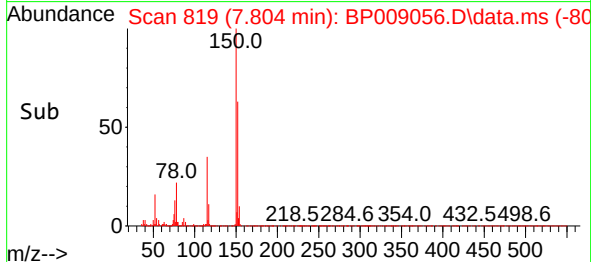
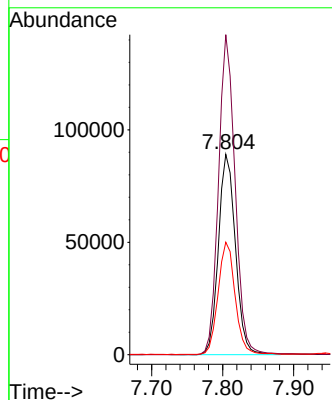
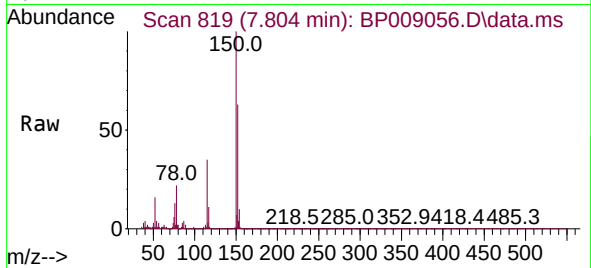




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 819
 Delta R.T. -0.001 min
 Lab File: BP009056.D
 Acq: 08 Feb 2022 13:51

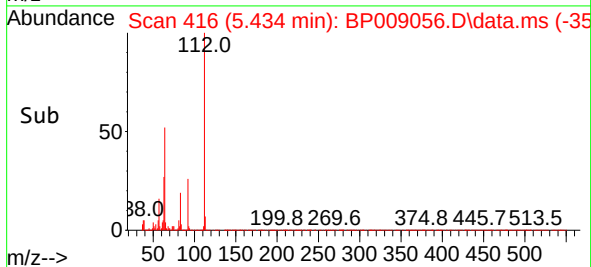
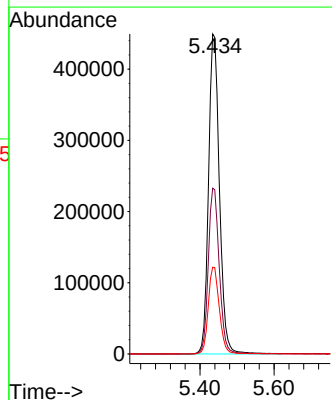
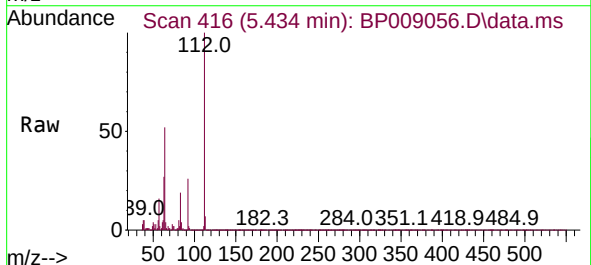
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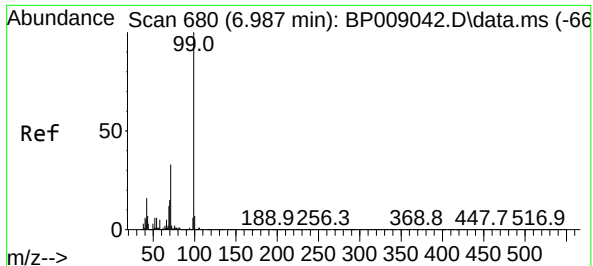
Tgt Ion:152 Resp: 148055
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.0 190.6
 115 56.1 43.7 65.5



#5
 2-Fluorophenol
 Concen: 110.530 ng
 RT: 5.434 min Scan# 416
 Delta R.T. 0.041 min
 Lab File: BP009056.D
 Acq: 08 Feb 2022 13:51

Tgt Ion:112 Resp: 917390
 Ion Ratio Lower Upper
 112 100
 64 51.8 39.7 59.5
 63 27.1 20.0 30.0

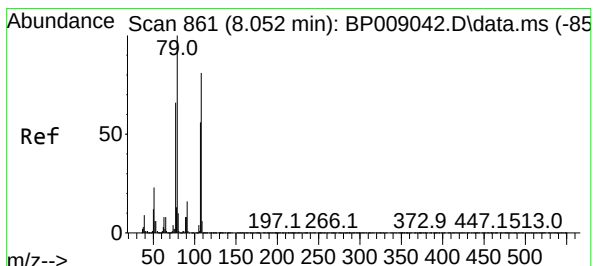
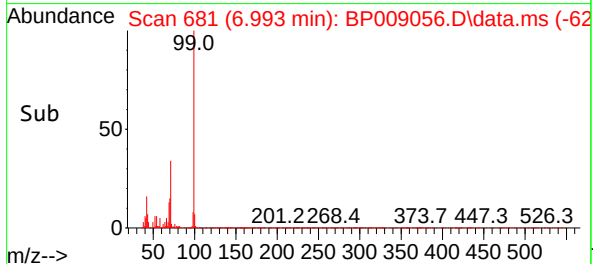
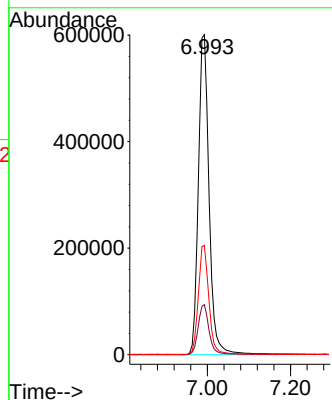
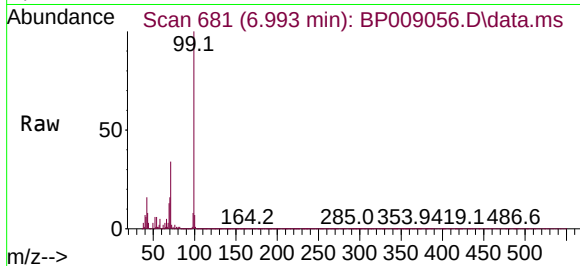




#7
Phenol-d6
Concen: 98.504 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

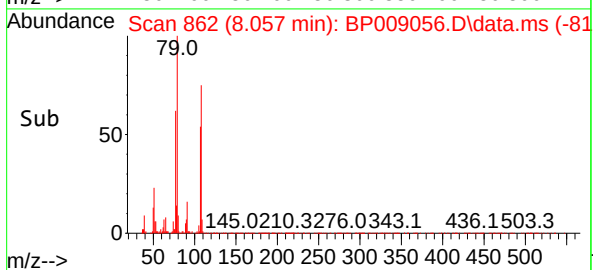
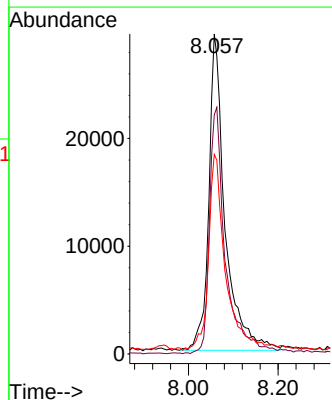
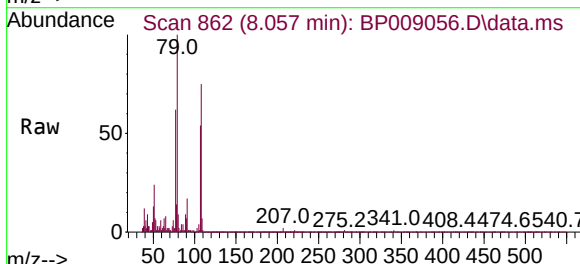
Instrument :
BNA_P
ClientSampleId :
282-284

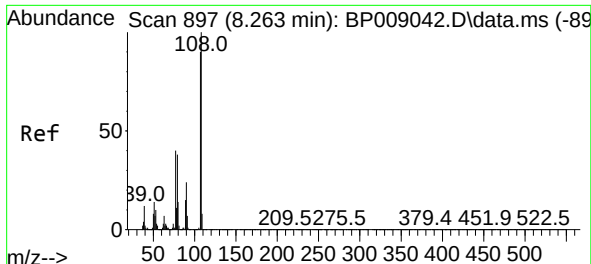
Tgt Ion: 99 Resp: 1077299
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 34.2 23.8 35.6



#15
Benzyl Alcohol
Concen: 10.637 ng
RT: 8.057 min Scan# 862
Delta R.T. 0.006 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

Tgt Ion: 79 Resp: 74056
Ion Ratio Lower Upper
79 100
108 74.8 67.8 101.8
77 62.4 50.7 76.1

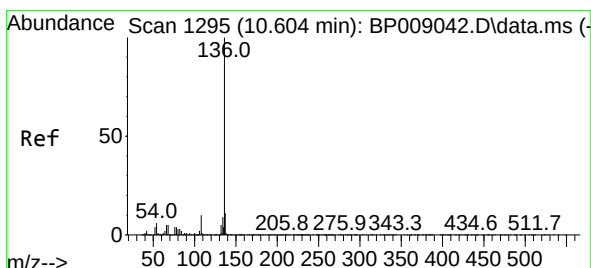
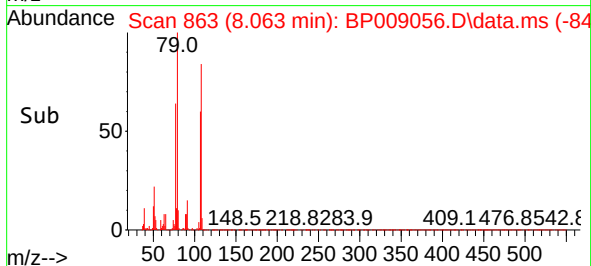
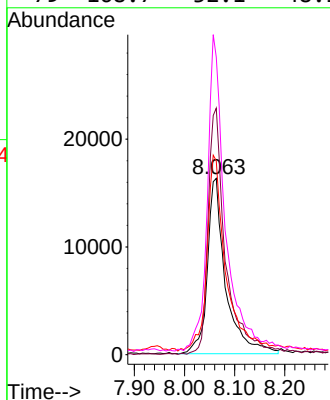
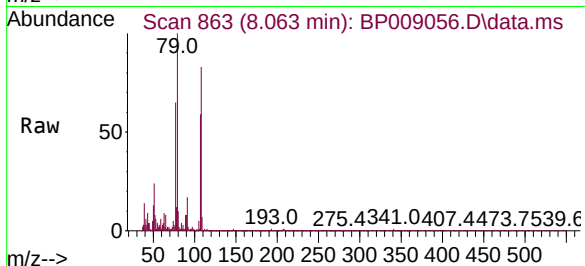




#17
2-Methylphenol
Concen: 5.620 ng
RT: 8.063 min Scan# 80
Delta R.T. -0.200 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

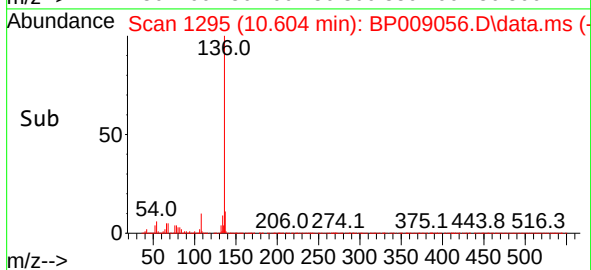
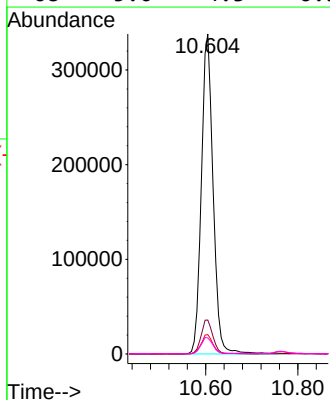
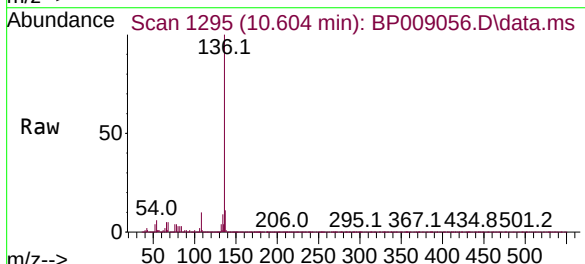
Instrument :
BNA_P
ClientSampleId :
282-284

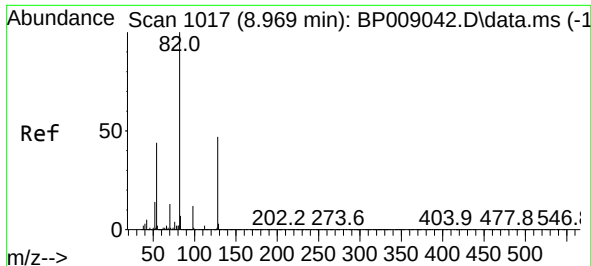
Tgt Ion:107 Resp: 41432
Ion Ratio Lower Upper
107 100
108 139.8 90.0 135.0#
77 109.9 32.7 49.1#
79 168.7 32.1 48.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

Tgt Ion:136 Resp: 600582
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.1 4.9 7.3
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 65.336 ng

RT: 8.963 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP009056.D

Acq: 08 Feb 2022 13:51

Instrument :

BNA_P

ClientSampleId :

282-284

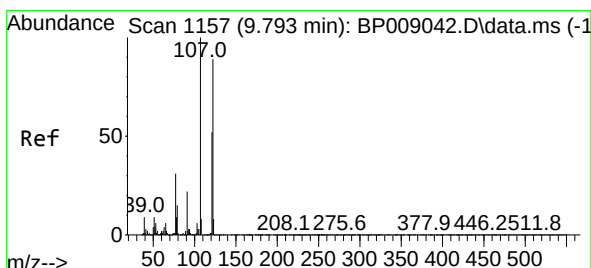
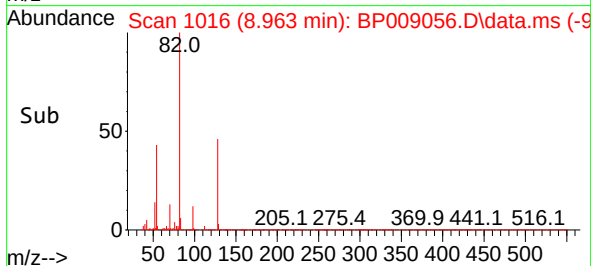
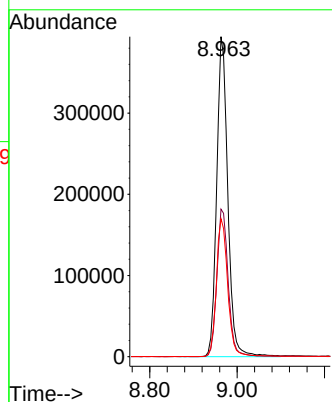
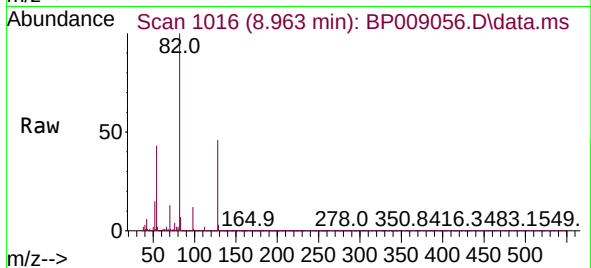
Tgt Ion: 82 Resp: 695814

Ion Ratio Lower Upper

82 100

128 46.1 39.4 59.2

54 43.1 32.6 48.8



#27

2,4-Dimethylphenol

Concen: 2.605 ng

RT: 9.946 min Scan# 1183

Delta R.T. 0.153 min

Lab File: BP009056.D

Acq: 08 Feb 2022 13:51

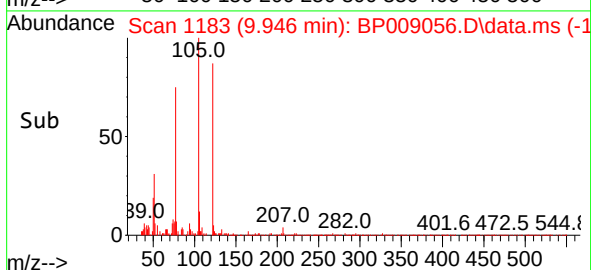
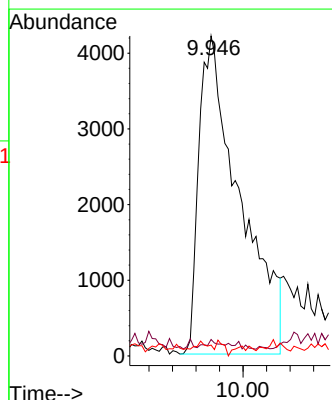
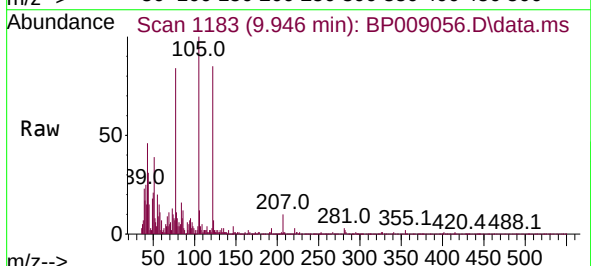
Tgt Ion: 122 Resp: 20283

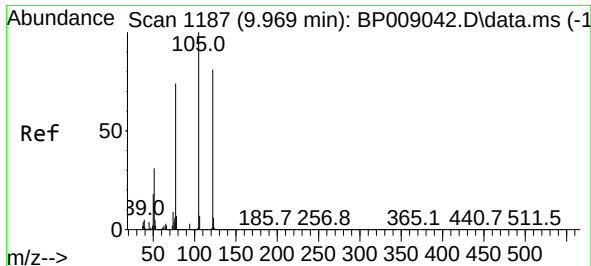
Ion Ratio Lower Upper

122 100

107 5.1 89.6 134.4#

121 3.4 47.8 71.8#

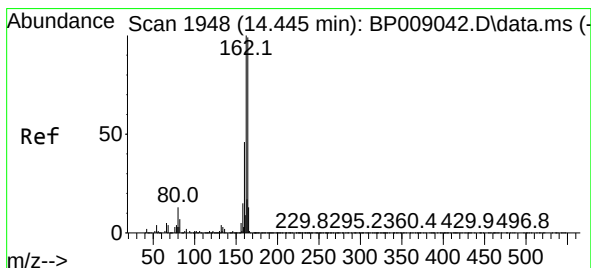
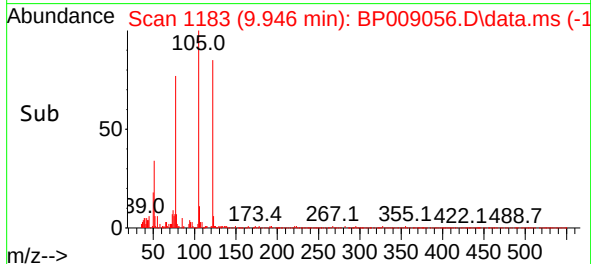
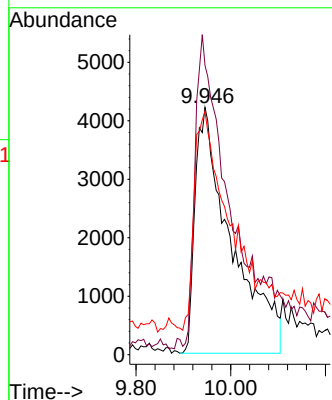
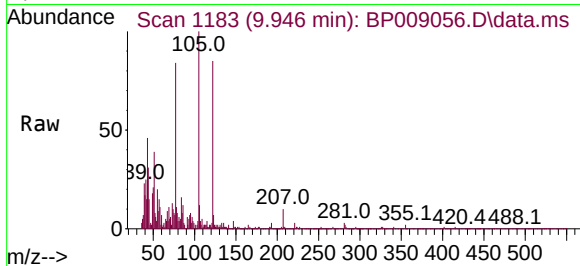




#32
Benzoic acid
Concen: 6.636 ng
RT: 9.946 min Scan# 1183
Delta R.T. -0.023 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

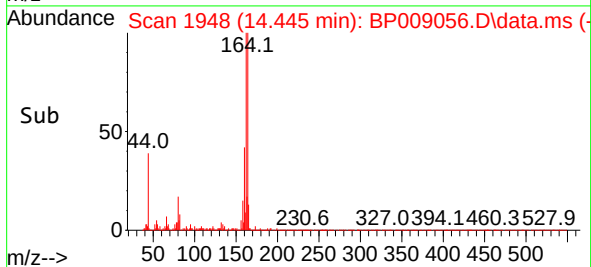
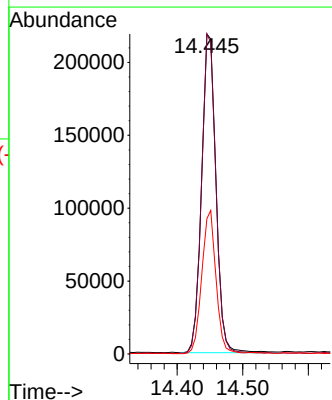
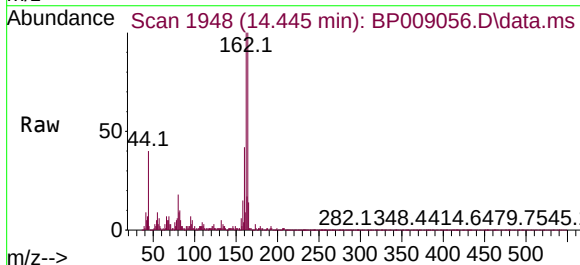
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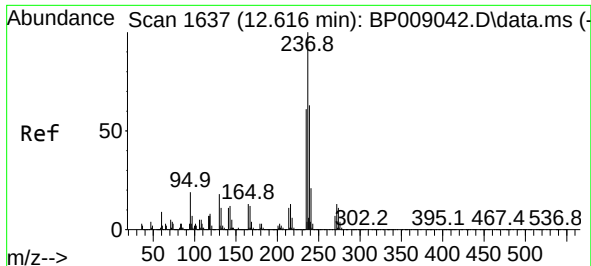
Tgt Ion:	122	Resp:	22294
Ion	Ratio	Lower	Upper
122	100		
105	117.0	100.1	140.1
77	98.4	65.5	105.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

Tgt Ion:	164	Resp:	333747
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	42.3	35.5	53.3

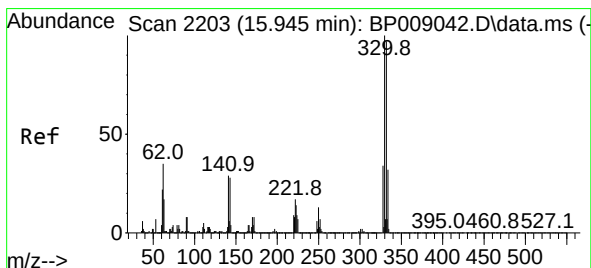
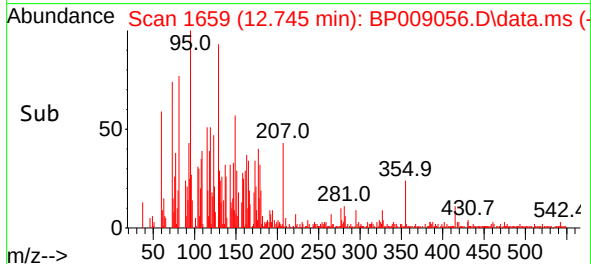
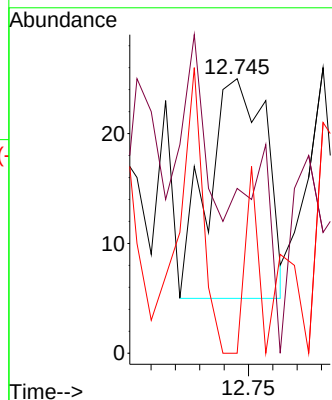
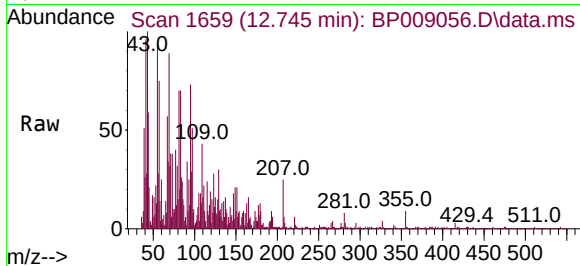




#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.129 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

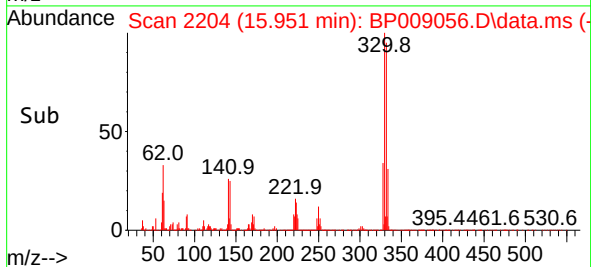
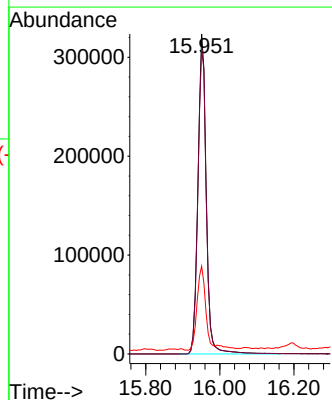
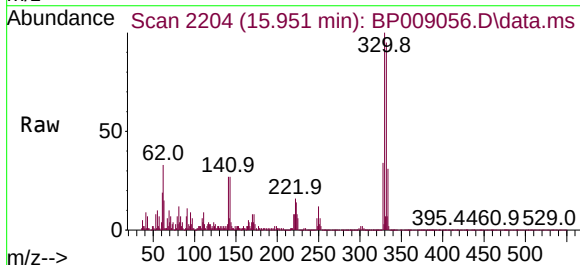
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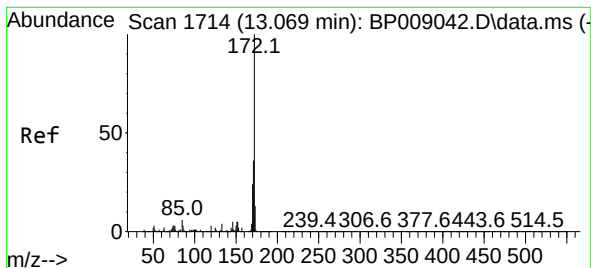
Tgt Ion:	237	Resp:	33
Ion Ratio	Lower	Upper	
237	100		
235	60.0	42.9	82.9
272	0.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 112.955 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

Tgt Ion:	330	Resp:	503343
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.4
141	26.9	21.3	31.9

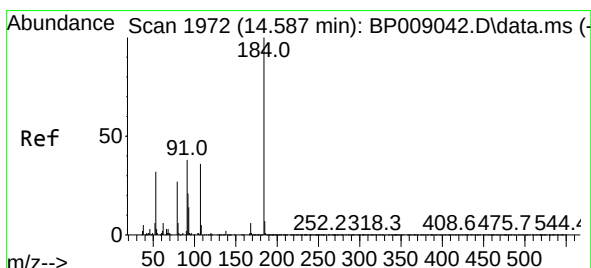
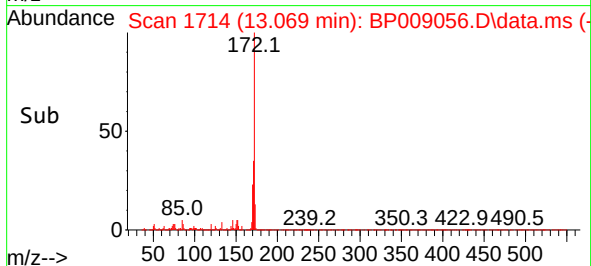
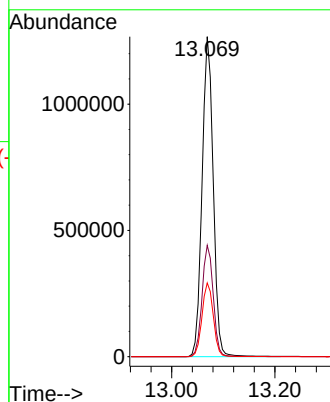
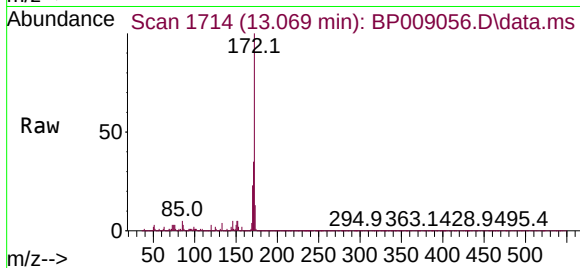




#45
2-Fluorobiphenyl
Concen: 79.570 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

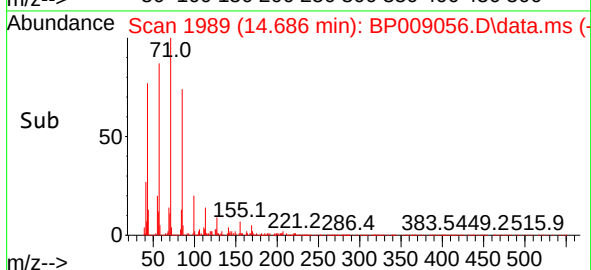
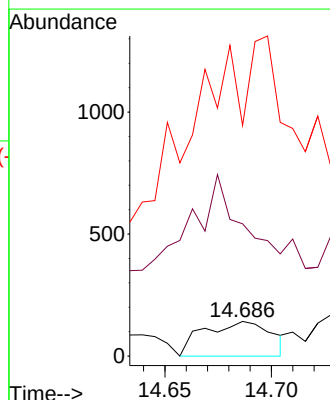
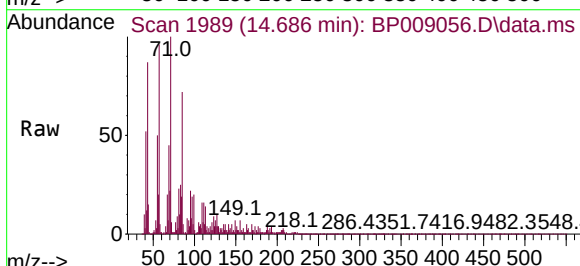
Instrument :
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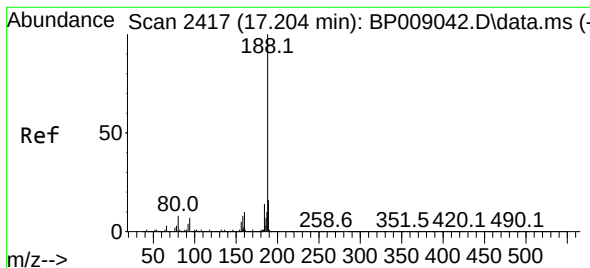
Tgt Ion:172 Resp: 1897032
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 23.1 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 2.317 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.099 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

Tgt Ion:184 Resp: 314
Ion Ratio Lower Upper
184 100
63 381.7 35.6 53.4#
154 665.5 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: BP009056.D

Acq: 08 Feb 2022 13:51

Instrument :

BNA_P

ClientSampleId :

282-284

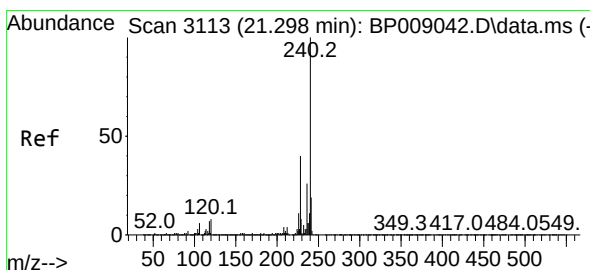
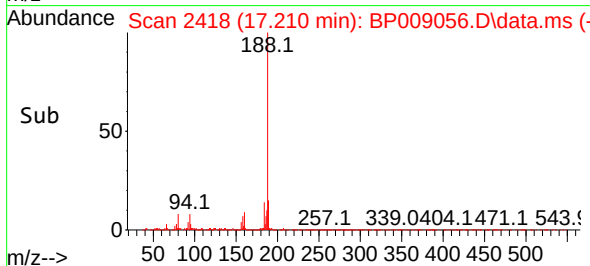
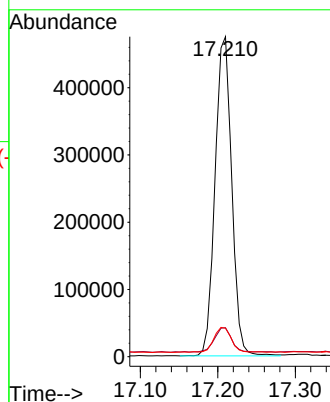
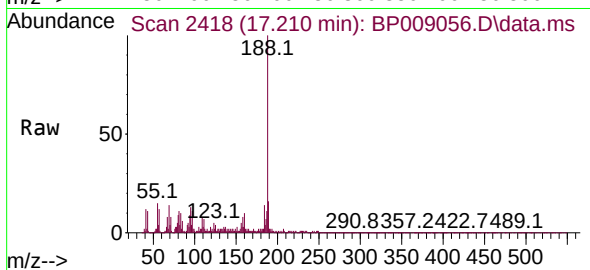
Tgt Ion:188 Resp: 708434

Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

80 8.9 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: BP009056.D

Acq: 08 Feb 2022 13:51

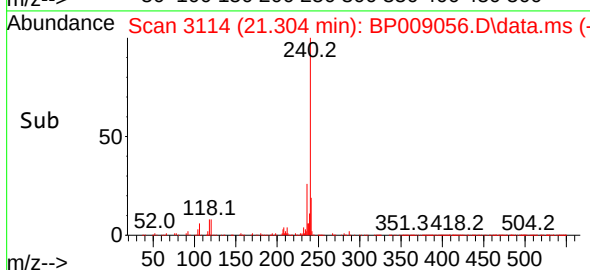
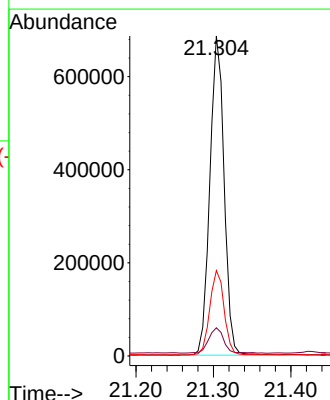
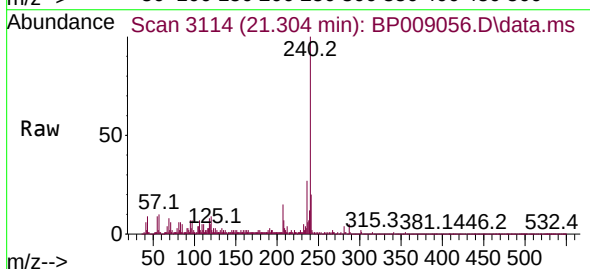
Tgt Ion:240 Resp: 875148

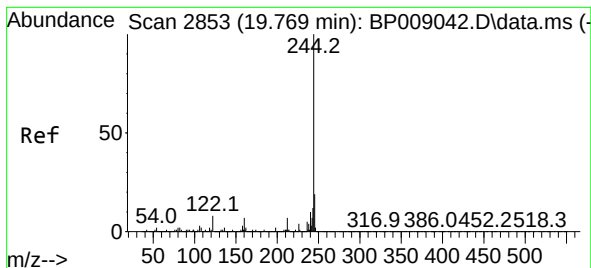
Ion Ratio Lower Upper

240 100

120 8.8 7.7 11.5

236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 60.654 ng

RT: 19.774 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009056.D

Acq: 08 Feb 2022 13:51

Instrument :

BNA_P

ClientSampleId :

282-284

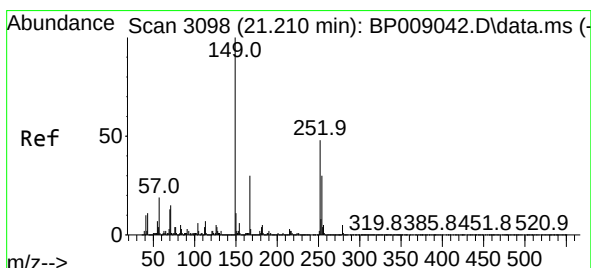
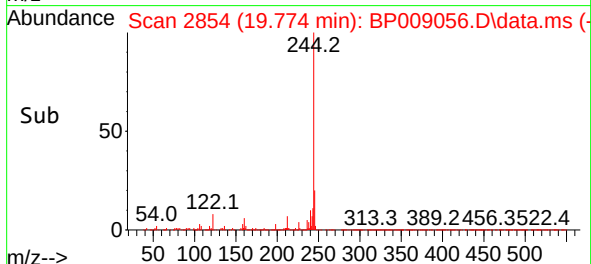
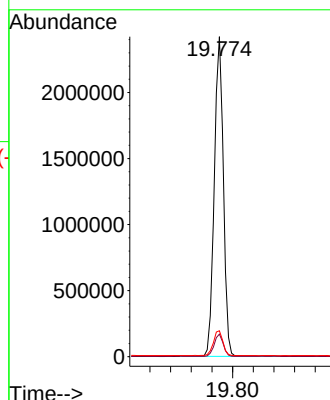
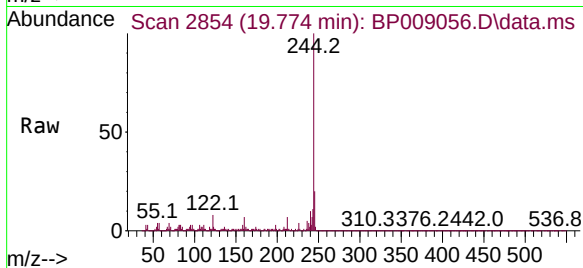
Tgt Ion:244 Resp: 2951679

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 8.1 9.2 13.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.111 ng

RT: 21.215 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP009056.D

Acq: 08 Feb 2022 13:51

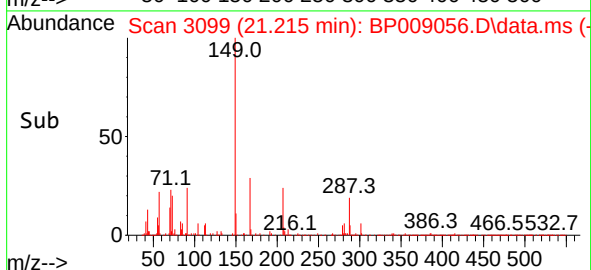
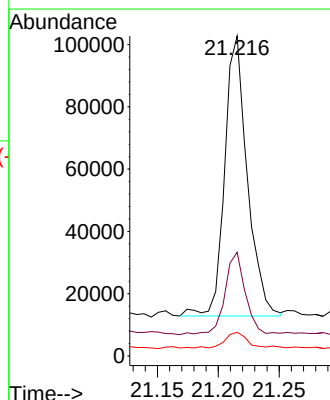
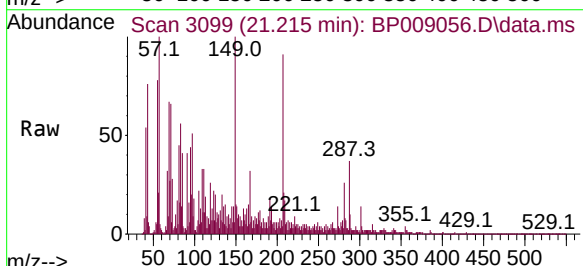
Tgt Ion:149 Resp: 116417

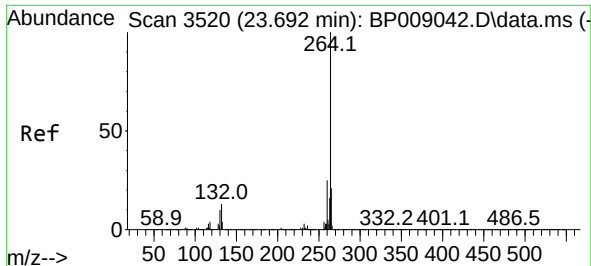
Ion Ratio Lower Upper

149 100

167 32.4 25.0 37.4

279 7.4 4.8 7.2#

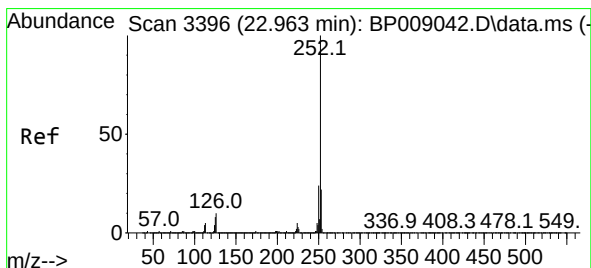
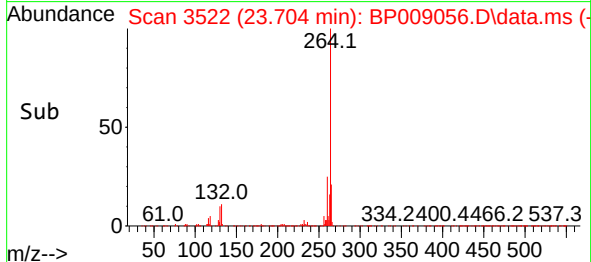
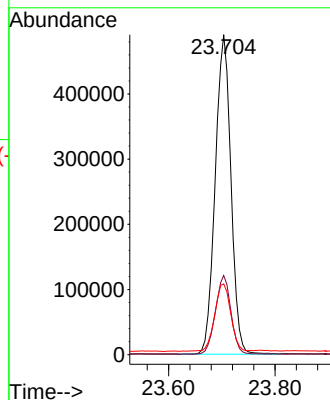
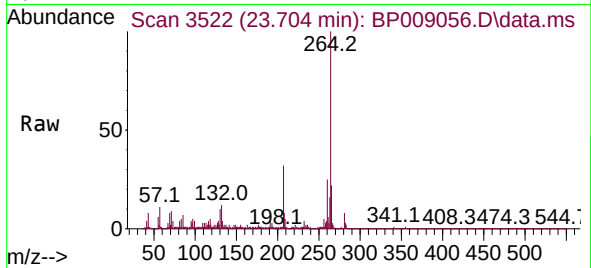




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

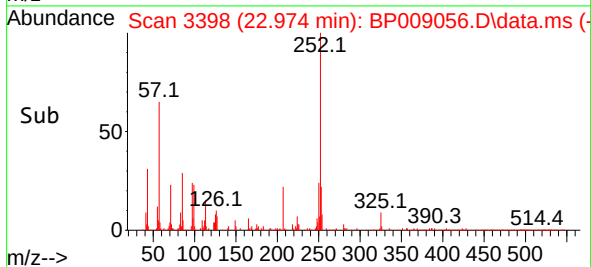
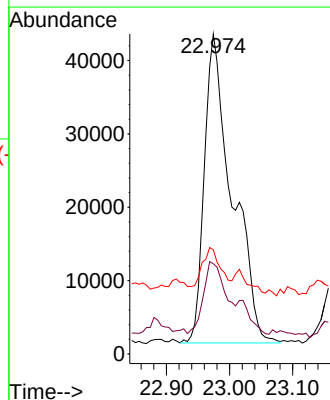
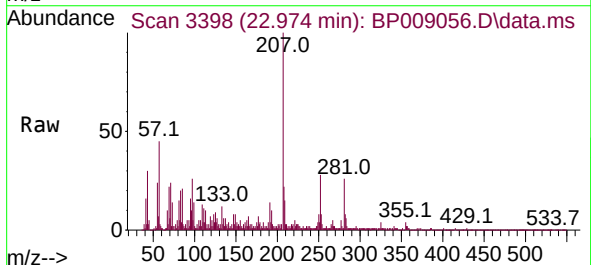
Instrument :
BNA_P
ClientSampleId :
282-284

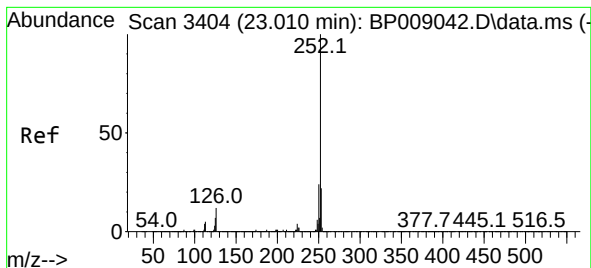
Tgt Ion:264 Resp: 1001601
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.1 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 2.085 ng
RT: 22.974 min Scan# 3398
Delta R.T. 0.012 min
Lab File: BP009056.D
Acq: 08 Feb 2022 13:51

Tgt Ion:252 Resp: 128592
Ion Ratio Lower Upper
252 100
253 28.2 18.0 27.0#
125 32.5 6.9 10.3#





#89

Benzo(k)fluoranthene

Concen: 2.090 ng

RT: 22.974 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP009056.D

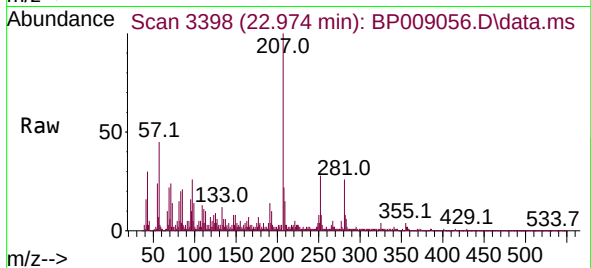
Acq: 08 Feb 2022 13:51

Instrument :

BNA_P

ClientSampleId :

282-284



Tgt Ion:252 Resp: 128592

Ion Ratio Lower Upper

252 100

253 28.2 18.2 27.2#

125 32.5 7.3 10.9#

