

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009098.D
 Acq On : 10 Feb 2022 14:27
 Operator : CG/JU
 Sample : N1400-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KTS1-WC-L-MH-02

Quant Time: Feb 10 15:34:58 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)

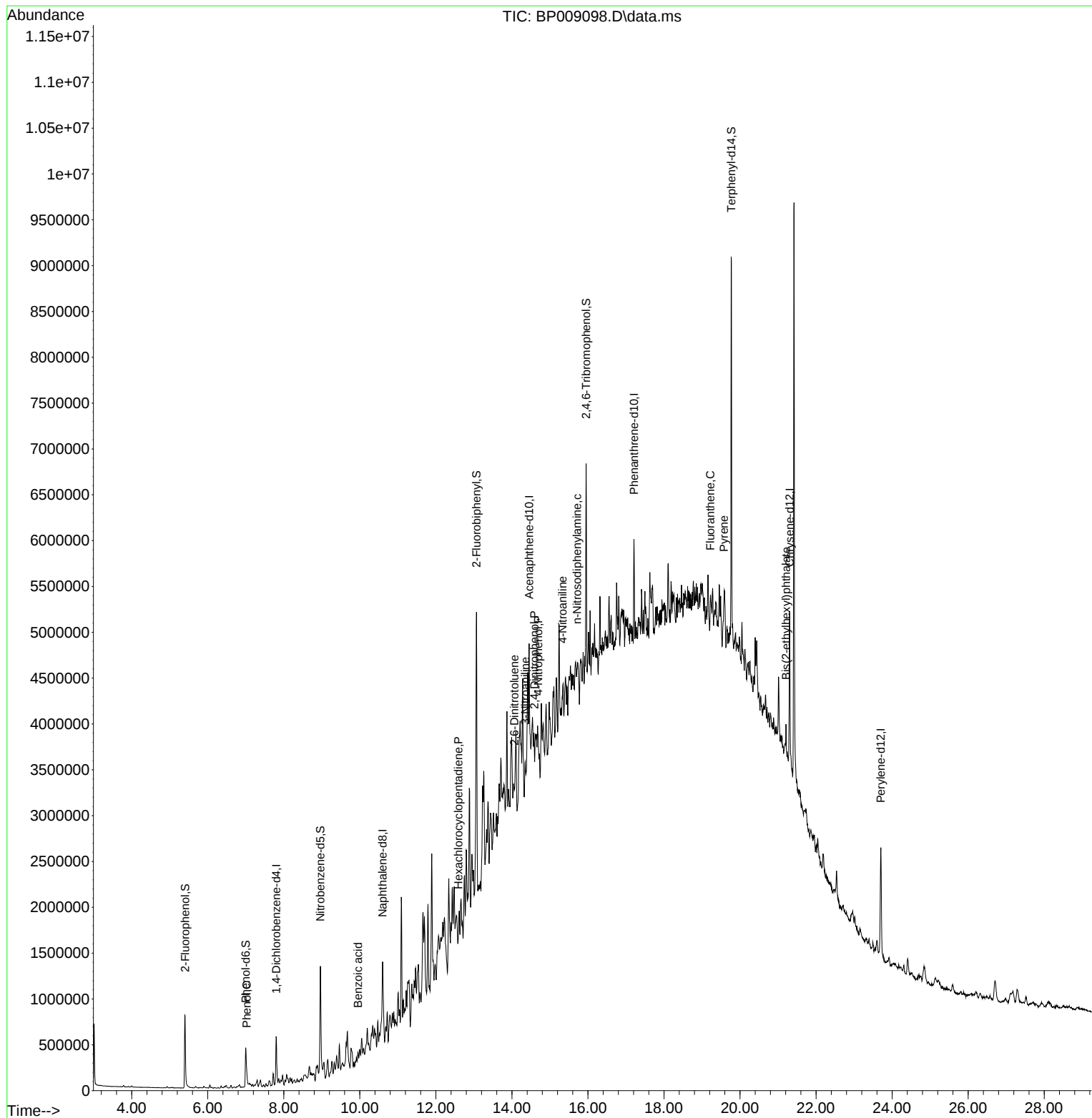
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	166803	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	621181	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	356555	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	719652	20.000	ng	# 0.00
76) Chrysene-d12	21.304	240	888111	20.000	ng	0.00
86) Perylene-d12	23.704	264	931896	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	460226	49.217	ng	0.01
7) Phenol-d6	6.999	99	352590	28.616	ng	0.01
23) Nitrobenzene-d5	8.963	82	761183	69.104	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	580558	121.949	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1864262	73.194	ng	0.00
79) Terphenyl-d14	19.769	244	2378019	48.152	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.028	94	57540	4.645	ng	88
32) Benzoic acid	9.951	122	479	2.772	ng	# 1
41) Hexachlorocyclopentadiene	12.593	237	52	8.667	ng	77
51) 2,6-Dinitrotoluene	14.063	165	27504	5.189	ng	# 46
53) 3-Nitroaniline	14.357	138	29288	5.402	ng	# 28
54) 2,4-Dinitrophenol	14.592	184	212	2.262	ng	# 1
56) 4-Nitrophenol	14.692	139	3657	2.634	ng	# 1
62) 4-Nitroaniline	15.334	138	31367	5.754	ng	96
66) n-Nitrosodiphenylamine	15.716	169	213568	9.785	ng	# 43
75) Fluoranthene	19.222	202	91421	2.093	ng	# 54
78) Pyrene	19.580	202	220321	3.487	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.210	149	92327	3.213	ng	# 86

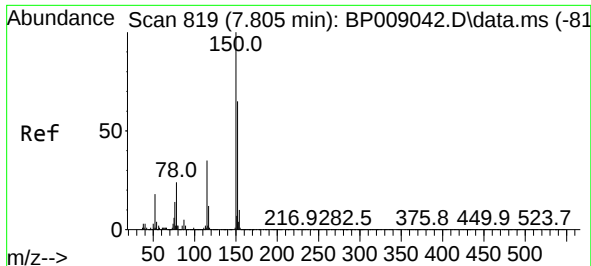
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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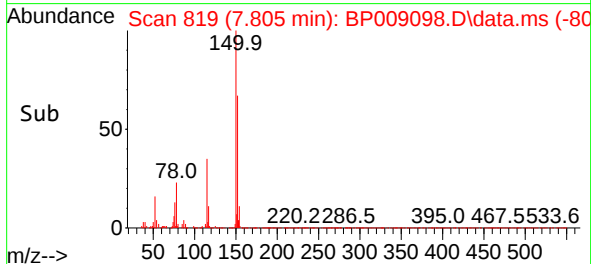
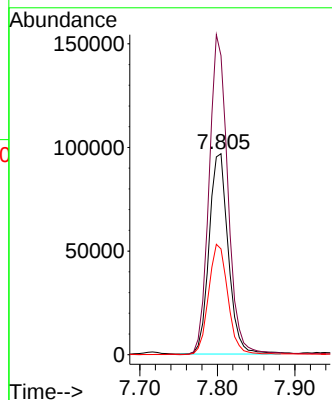
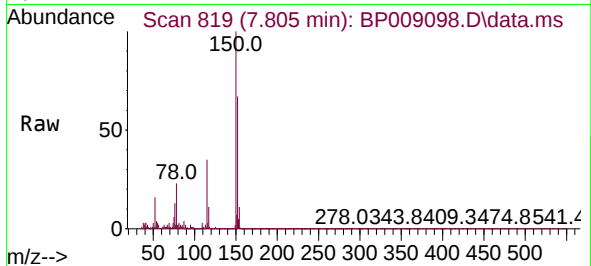




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

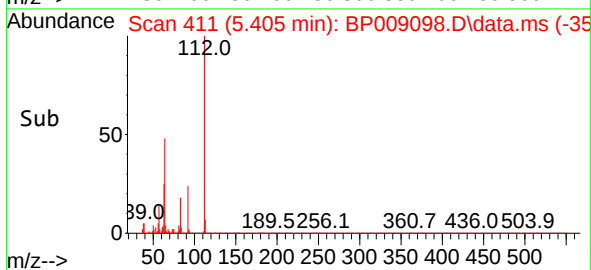
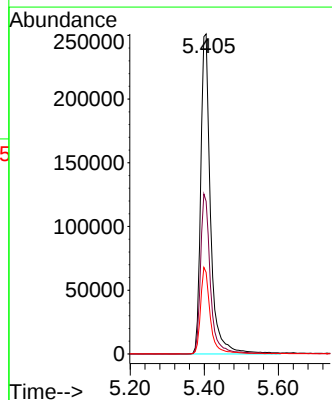
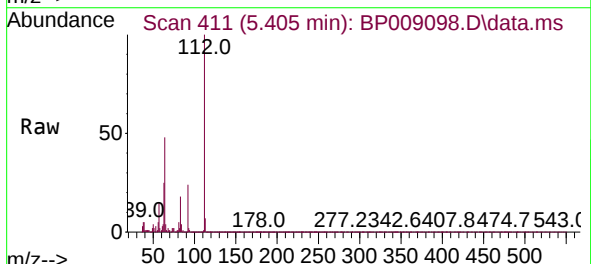
Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

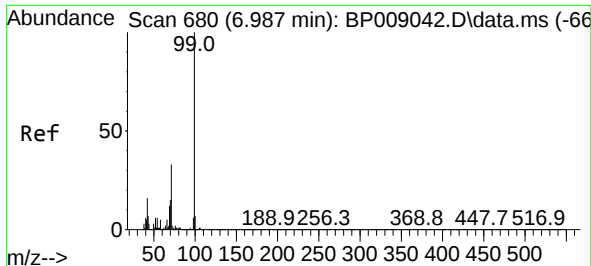
Tgt Ion:152 Resp: 166803
Ion Ratio Lower Upper
152 100
150 148.8 127.0 190.6
115 52.6 43.7 65.5



#5
2-Fluorophenol
Concen: 49.217 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:112 Resp: 460226
Ion Ratio Lower Upper
112 100
64 47.7 39.7 59.5
63 25.5 20.0 30.0

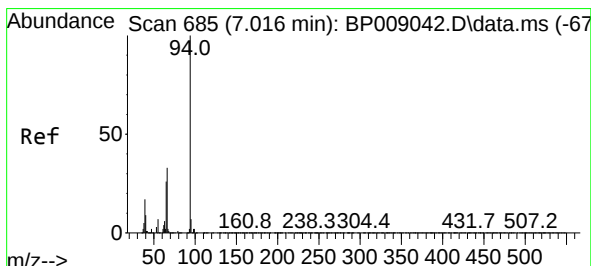
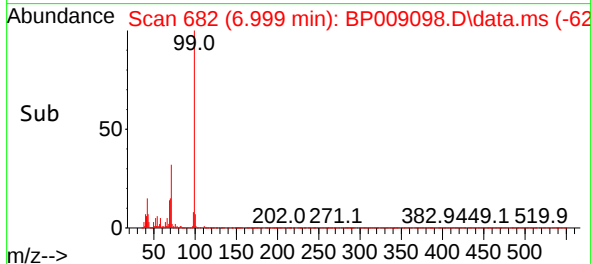
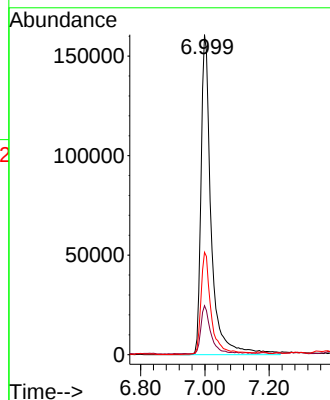
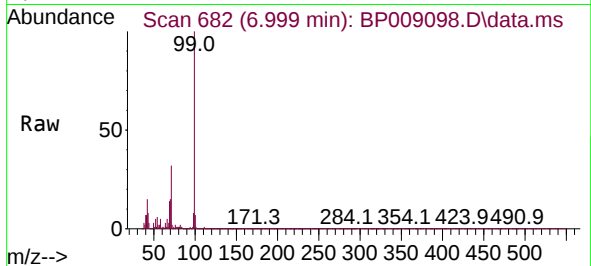




#7
Phenol-d6
Concen: 28.616 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

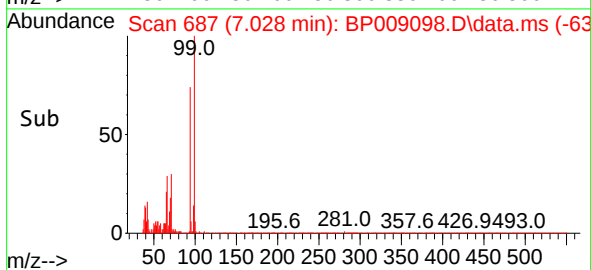
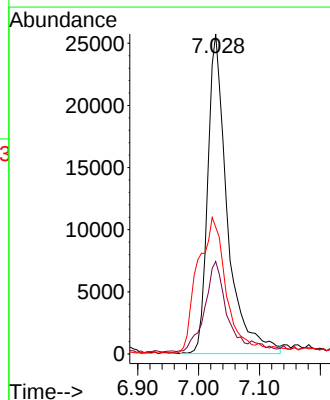
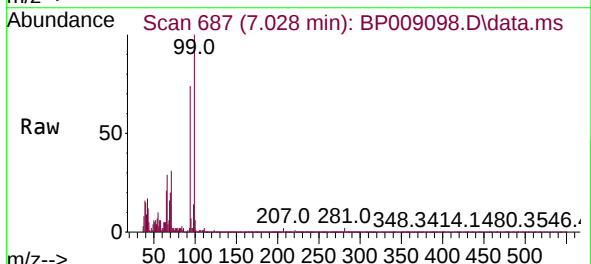
Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

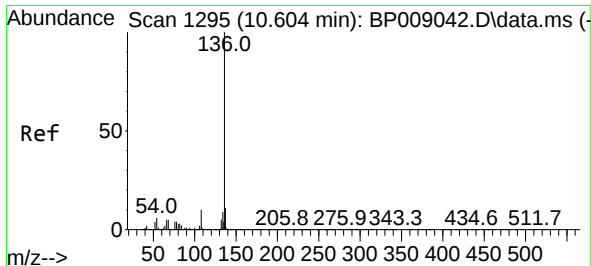
Tgt Ion: 99 Resp: 352590
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 32.0 23.8 35.6



#10
Phenol
Concen: 4.645 ng
RT: 7.028 min Scan# 687
Delta R.T. 0.012 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion: 94 Resp: 57540
Ion Ratio Lower Upper
94 100
65 28.9 4.1 44.1
66 39.6 12.4 52.4

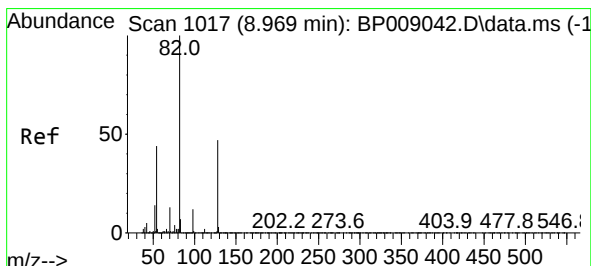
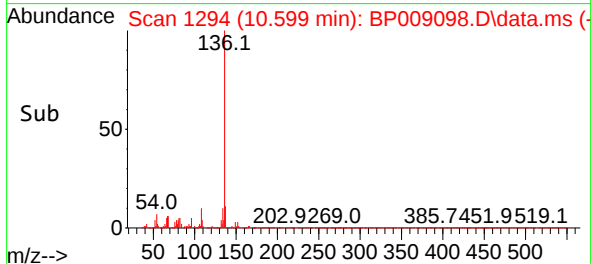
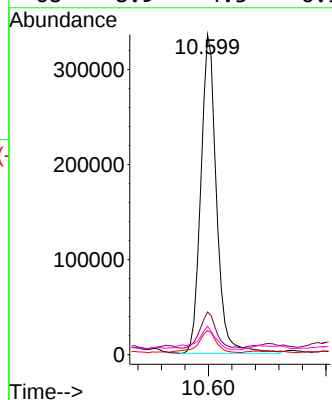
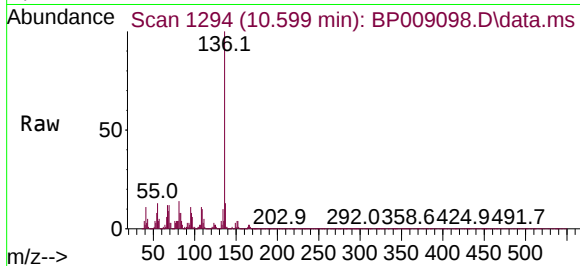




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

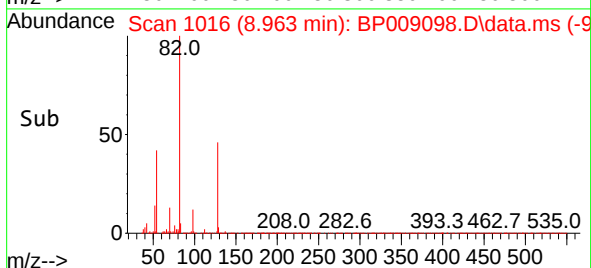
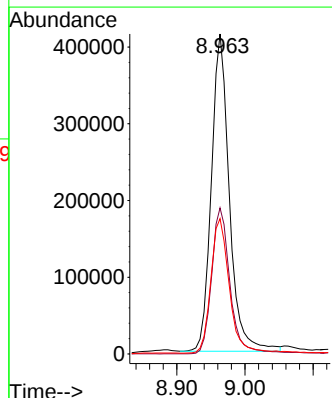
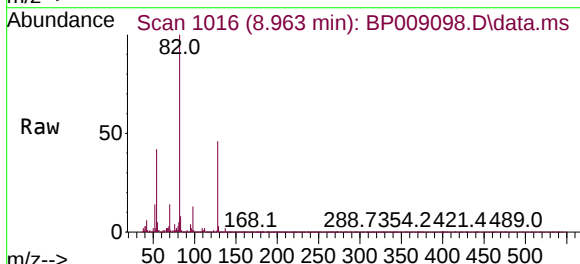
Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

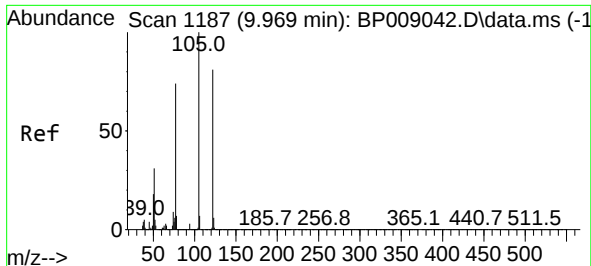
Tgt Ion:	136	Resp:	621181
Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.0	13.4
54	7.5	4.9	7.3#
68	8.9	4.3	6.5#



#23
Nitrobenzene-d5
Concen: 69.104 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:	82	Resp:	761183
Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.4	59.2
54	42.3	32.6	48.8

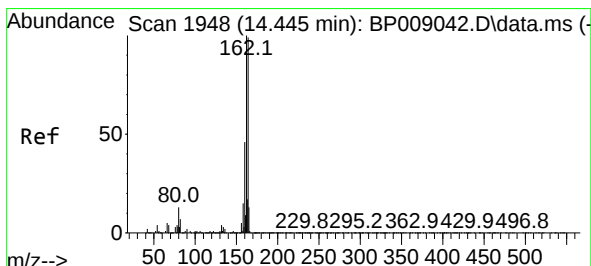
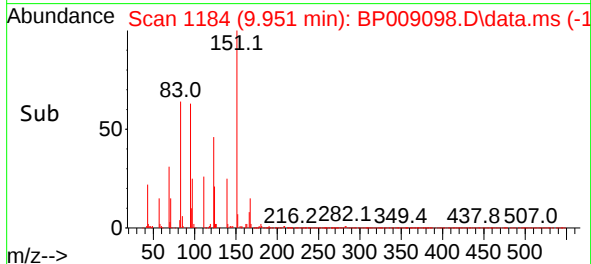
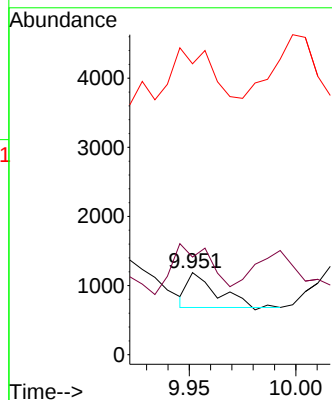
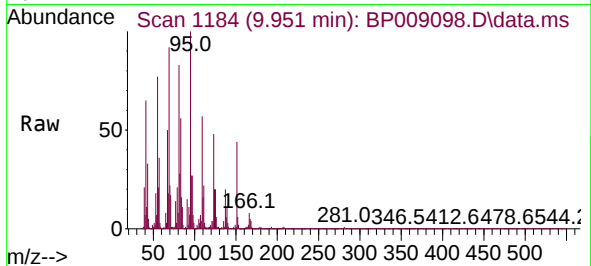




#32
Benzoic acid
Concen: 2.772 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

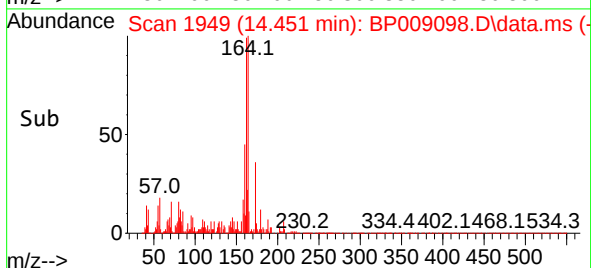
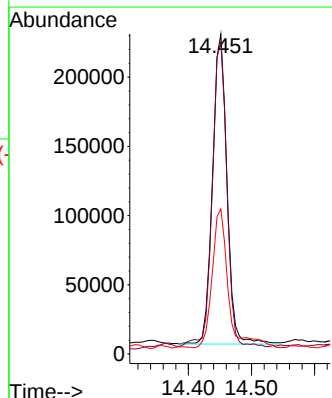
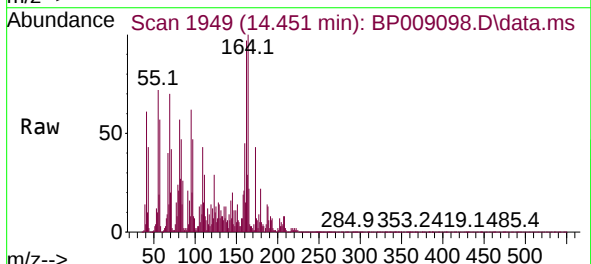
Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

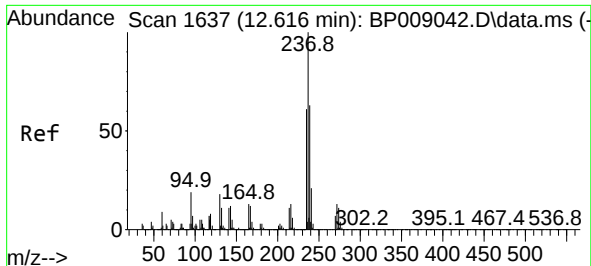
Tgt Ion:122 Resp: 479
Ion Ratio Lower Upper
122 100
105 118.9 100.1 140.1
77 354.3 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:164 Resp: 356555
Ion Ratio Lower Upper
164 100
162 97.4 79.9 119.9
160 45.4 35.5 53.3

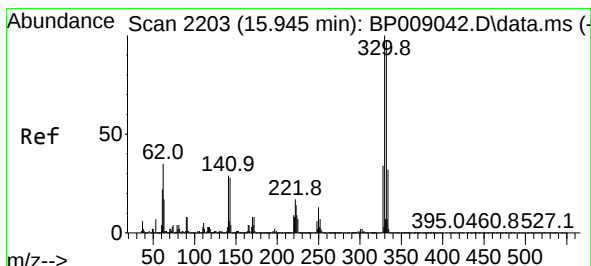
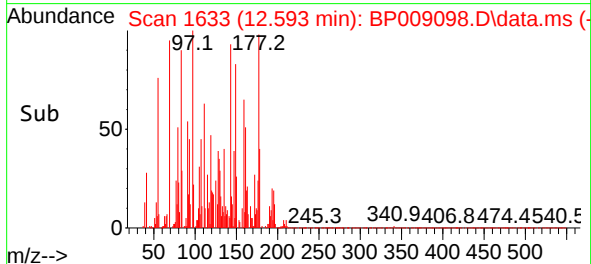
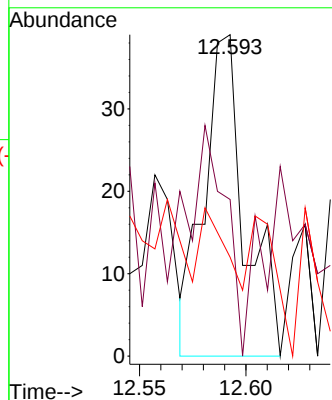
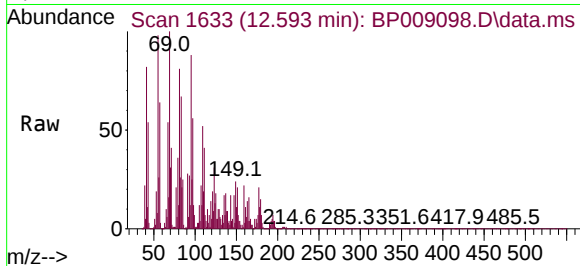




#41
Hexachlorocyclopentadiene
Concen: 8.667 ng
RT: 12.593 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

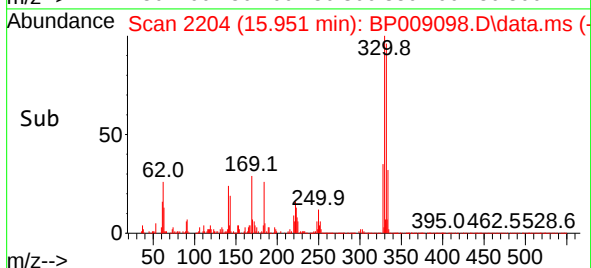
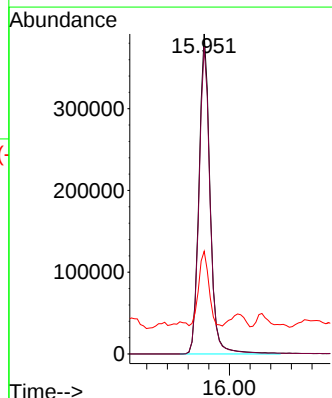
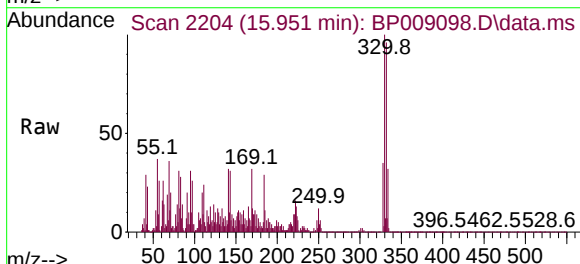
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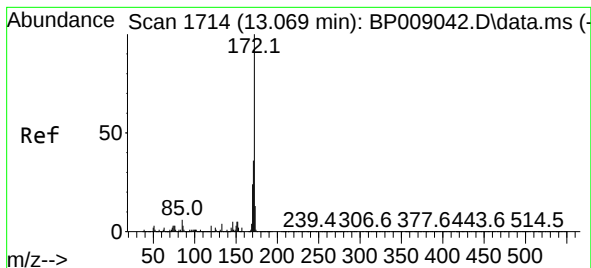
Tgt Ion:237	Resp:	52
Ion	Ratio	Lower Upper
237	100	
235	48.7	42.9 82.9
272	30.8	0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 121.949 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:330	Resp:	580558
Ion	Ratio	Lower Upper
330	100	
332	96.2	77.0 115.4
141	21.2	21.3 31.9#





#45

2-Fluorobiphenyl

Concen: 73.194 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009098.D

Acq: 10 Feb 2022 14:27

Instrument :

BNA_P

ClientSampleId :

KTS1-WC-L-MH-02

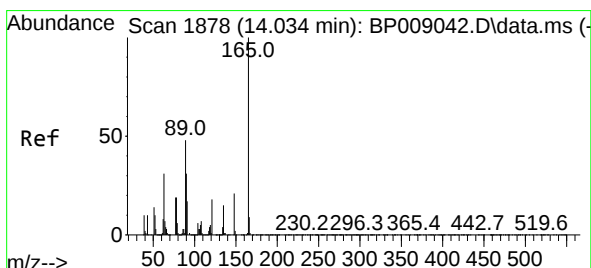
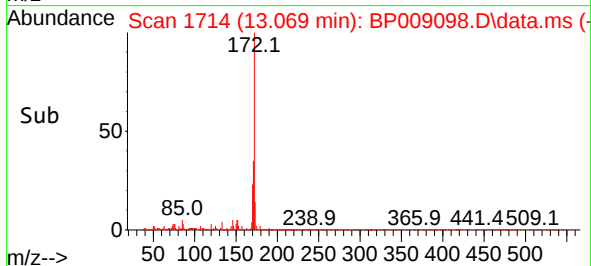
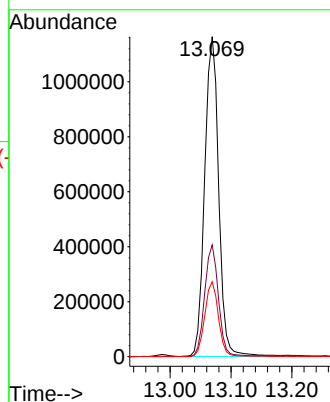
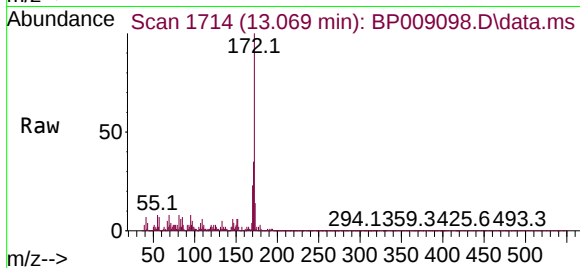
Tgt Ion:172 Resp: 1864262

Ion Ratio Lower Upper

172 100

171 34.9 29.3 43.9

170 23.4 19.5 29.3



#51

2,6-Dinitrotoluene

Concen: 5.189 ng

RT: 14.063 min Scan# 1883

Delta R.T. 0.029 min

Lab File: BP009098.D

Acq: 10 Feb 2022 14:27

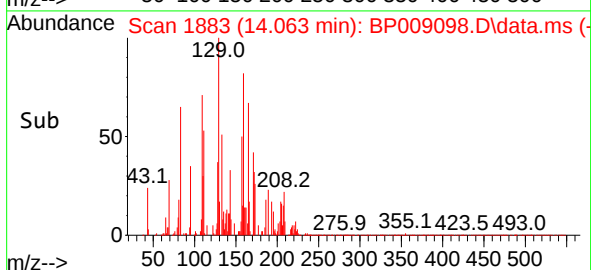
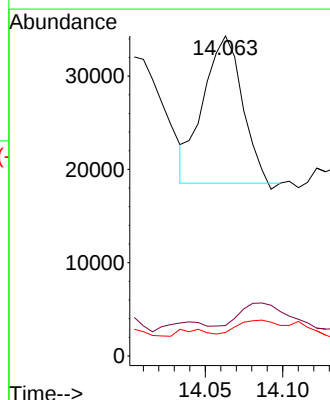
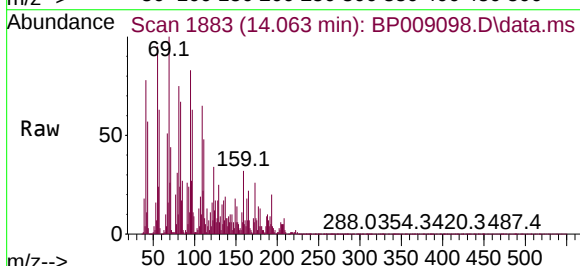
Tgt Ion:165 Resp: 27504

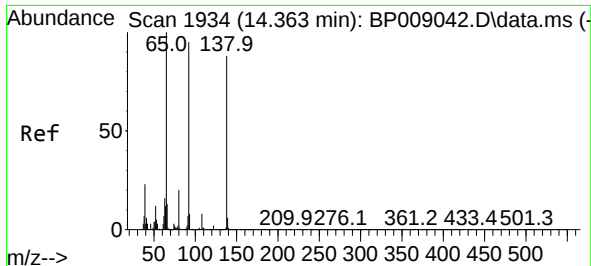
Ion Ratio Lower Upper

165 100

63 9.5 31.8 47.8#

89 7.4 36.1 54.1#

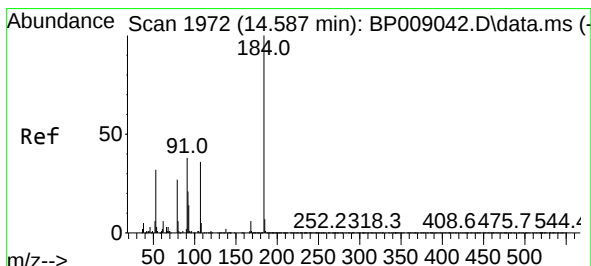
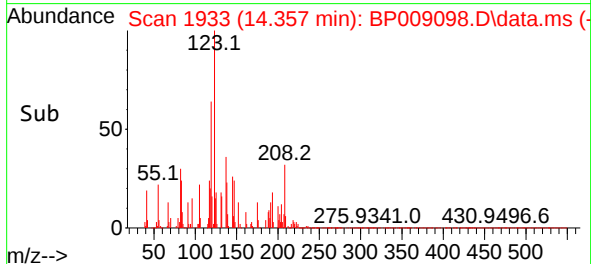
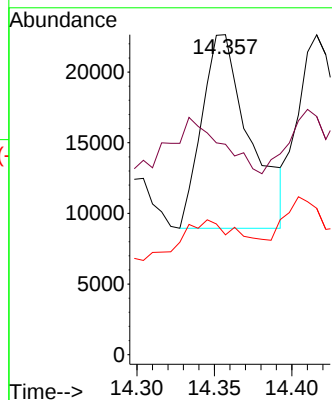
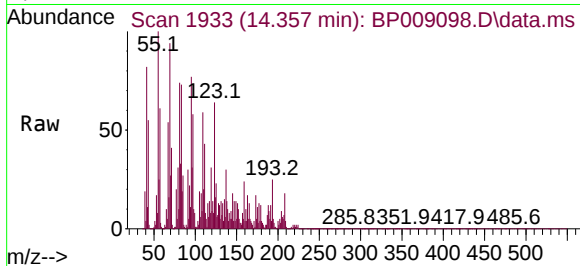




#53
3-Nitroaniline
Concen: 5.402 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

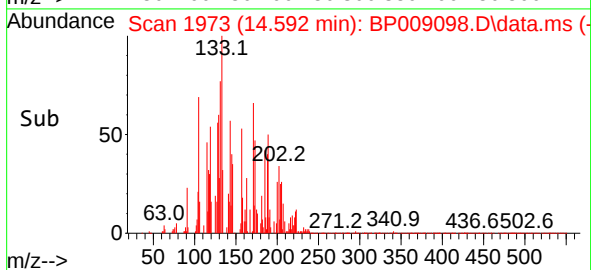
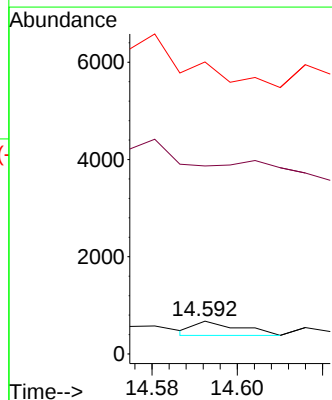
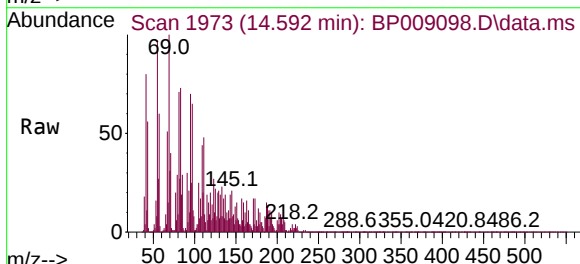
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BNA_P
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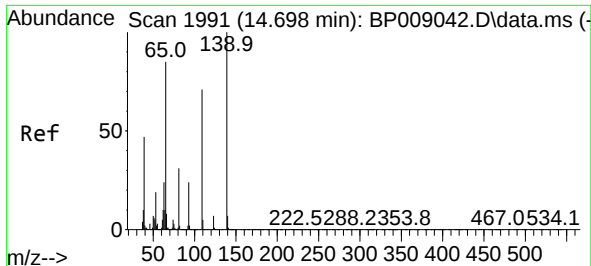
Tgt Ion:138 Resp: 29288
Ion Ratio Lower Upper
138 100
108 65.8 8.0 12.0#
92 37.5 81.7 122.5#



#54
2,4-Dinitrophenol
Concen: 2.262 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:184 Resp: 212
Ion Ratio Lower Upper
184 100
63 572.7 35.6 53.4#
154 889.6 43.4 65.0#

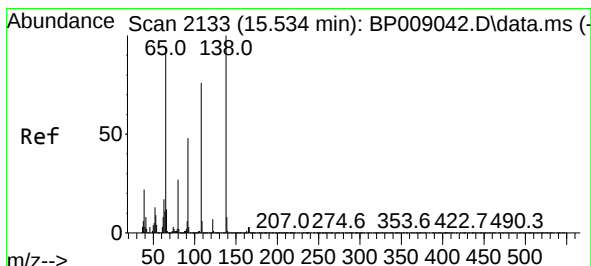
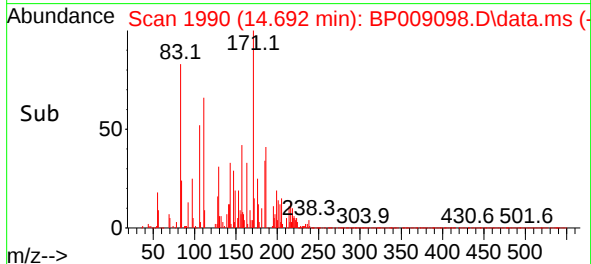
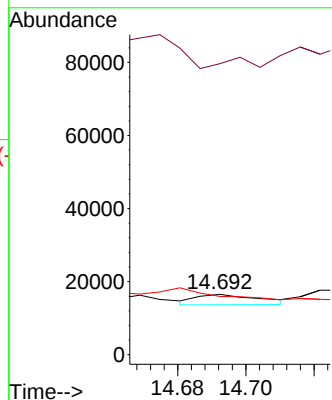
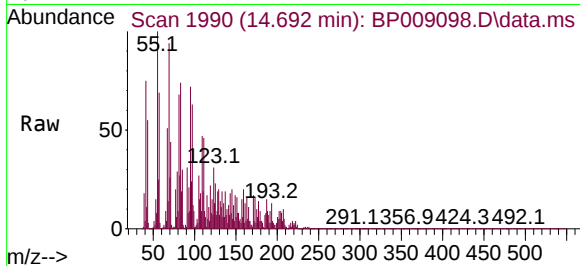




#56
4-Nitrophenol
Concen: 2.634 ng
RT: 14.692 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

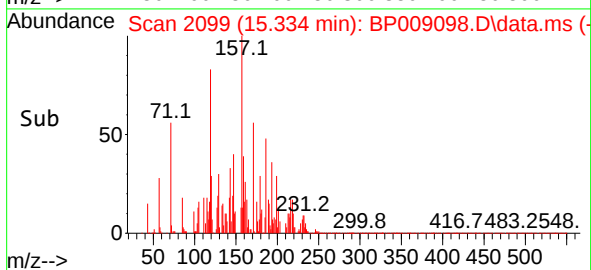
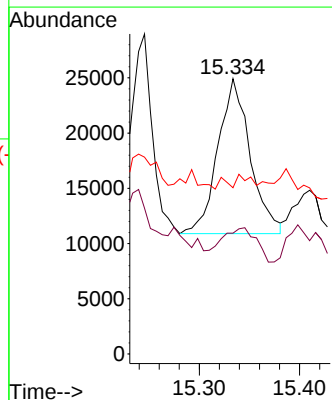
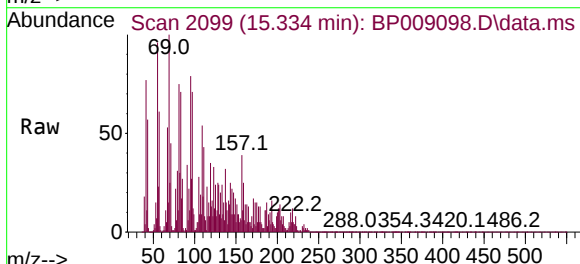
Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

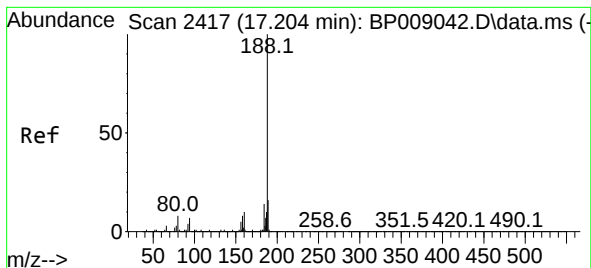
Tgt Ion:139 Resp: 3657
Ion Ratio Lower Upper
139 100
109 481.9 42.2 82.2#
65 96.6 57.3 97.3



#62
4-Nitroaniline
Concen: 5.754 ng
RT: 15.334 min Scan# 2099
Delta R.T. -0.200 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:138 Resp: 31367
Ion Ratio Lower Upper
138 100
92 43.9 24.3 64.3
108 60.4 44.8 84.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP009098.D

Acq: 10 Feb 2022 14:27

Instrument :

BNA_P

ClientSampleId :

KTS1-WC-L-MH-02

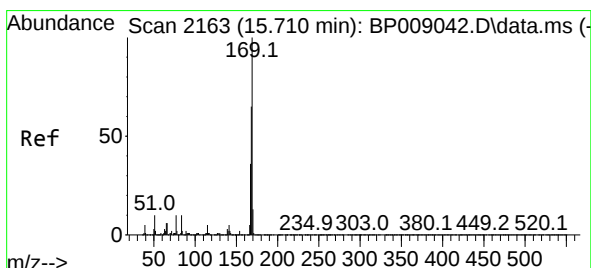
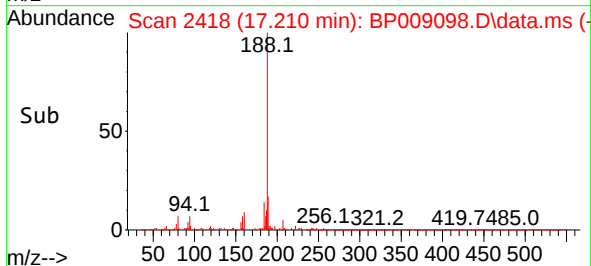
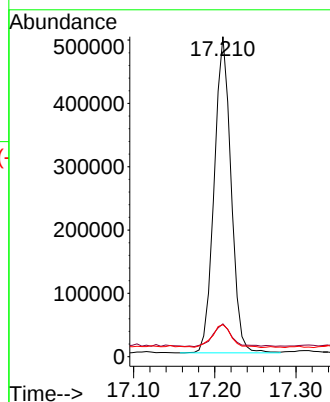
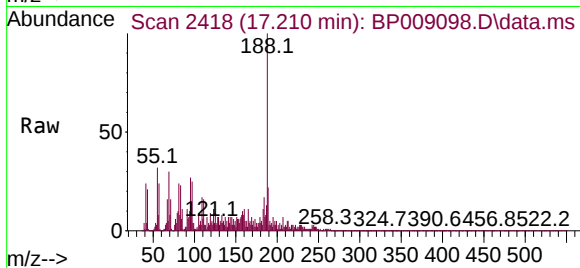
Tgt Ion:188 Resp: 719652

Ion Ratio Lower Upper

188 100

94 10.2 6.8 10.2#

80 10.0 7.2 10.8



#66

n-Nitrosodiphenylamine

Concen: 9.785 ng

RT: 15.716 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP009098.D

Acq: 10 Feb 2022 14:27

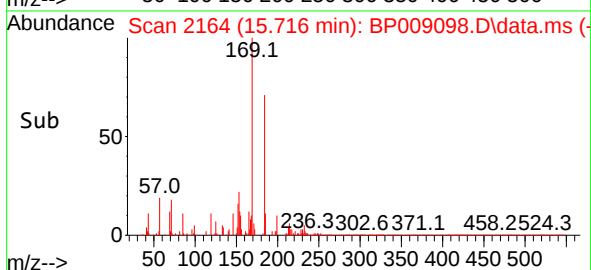
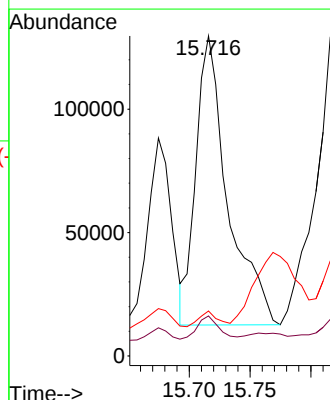
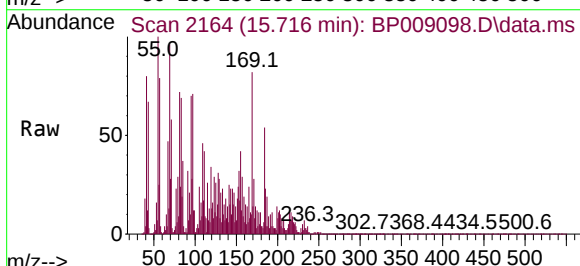
Tgt Ion:169 Resp: 213568

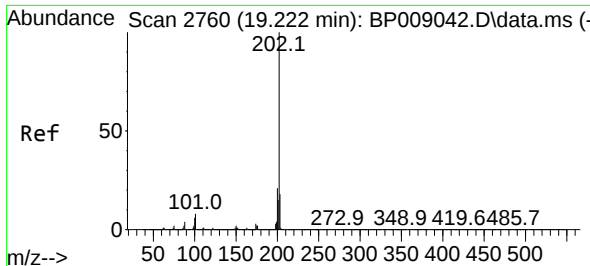
Ion Ratio Lower Upper

169 100

168 12.5 53.3 79.9#

167 14.0 29.0 43.6#

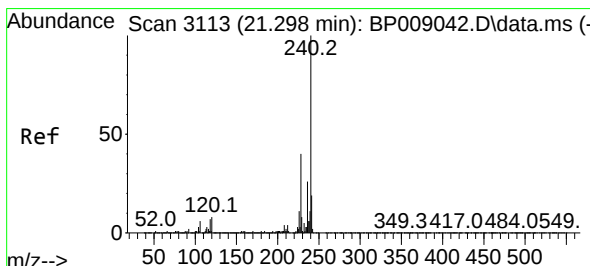
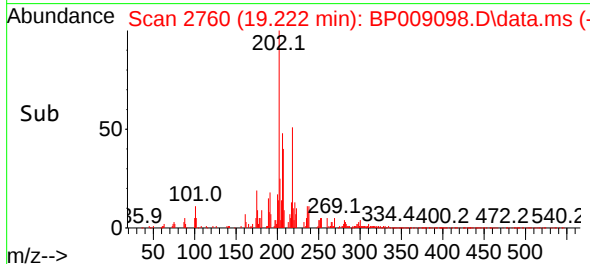
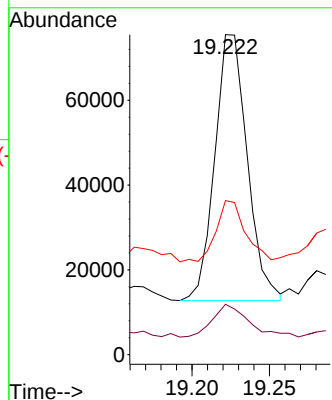
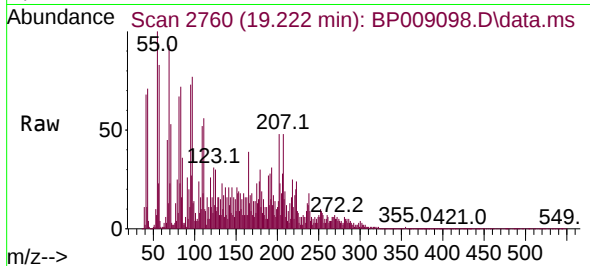




#75
Fluoranthene
Concen: 2.093 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

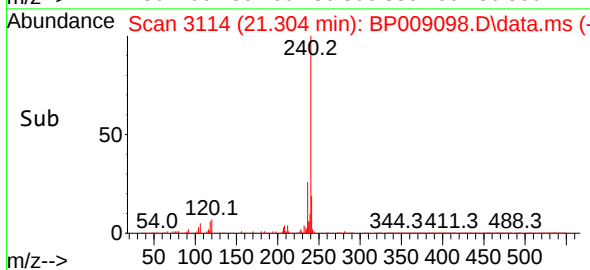
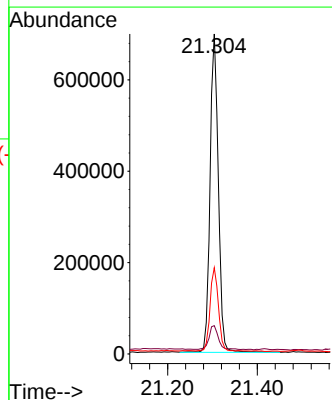
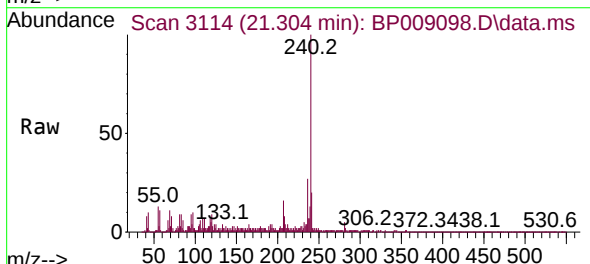
Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

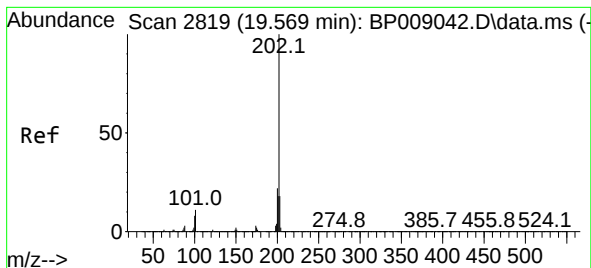
Tgt Ion:202 Resp: 91421
Ion Ratio Lower Upper
202 100
101 15.8 0.0 30.7
203 48.2 0.0 38.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:240 Resp: 888111
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 27.0 21.2 31.8





#78

Pyrene

Concen: 3.487 ng

RT: 19.580 min Scan# 2819

Delta R.T. 0.012 min

Lab File: BP009098.D

Acq: 10 Feb 2022 14:27

Instrument :

BNA_P

ClientSampleId :

KTS1-WC-L-MH-02

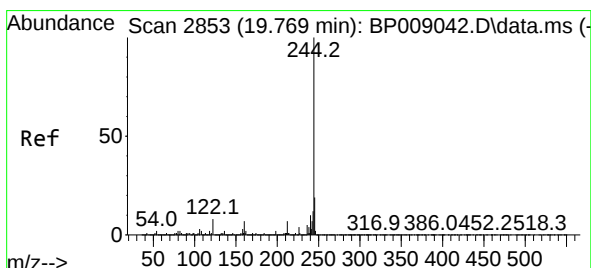
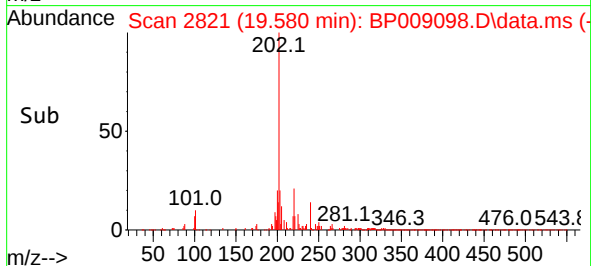
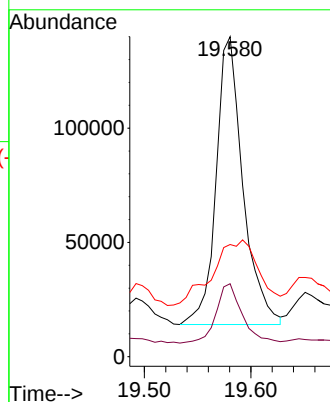
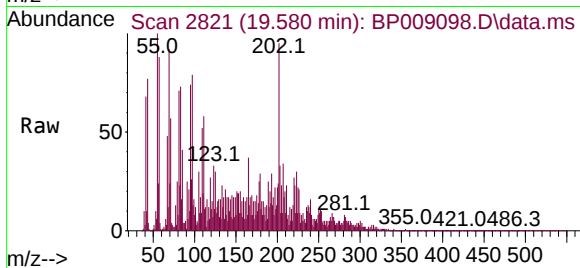
Tgt Ion:202 Resp: 220321

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

203 35.1 15.0 22.6#



#79

Terphenyl-d14

Concen: 48.152 ng

RT: 19.769 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BP009098.D

Acq: 10 Feb 2022 14:27

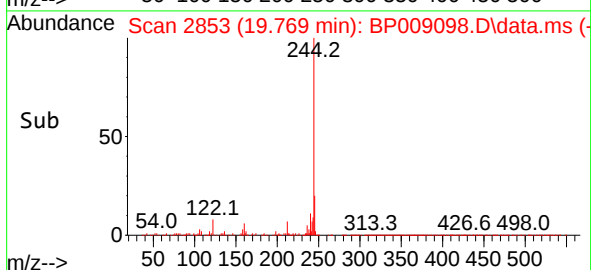
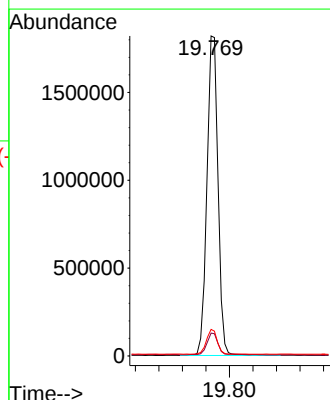
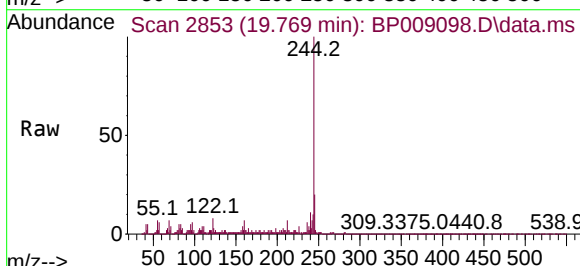
Tgt Ion:244 Resp: 2378019

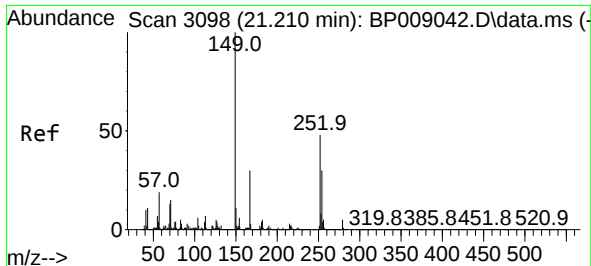
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 8.3 9.2 13.8#

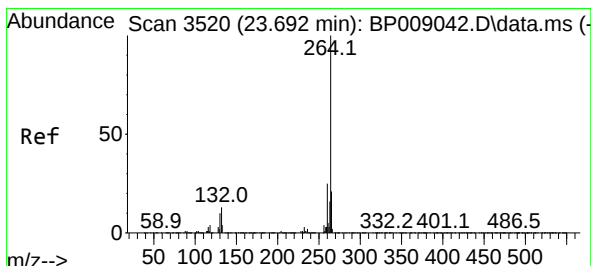
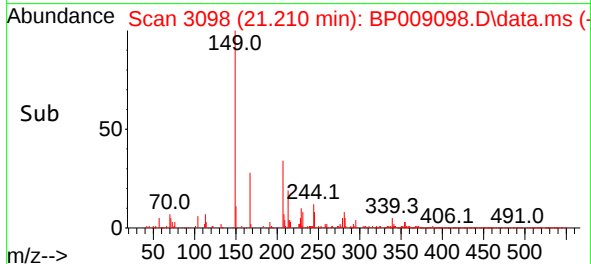
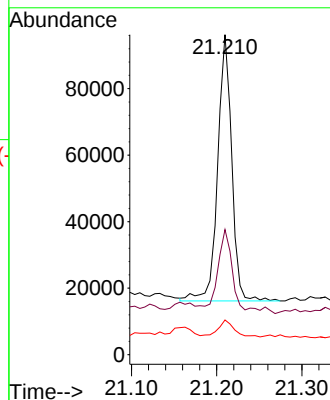
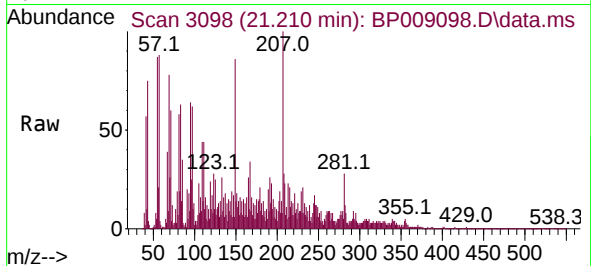




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.213 ng
RT: 21.210 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Instrument :
BNA_P
ClientSampleId :
KTS1-WC-L-MH-02

Tgt Ion:149 Resp: 92327
Ion Ratio Lower Upper
149 100
167 39.1 25.0 37.4#
279 10.9 4.8 7.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009098.D
Acq: 10 Feb 2022 14:27

Tgt Ion:264 Resp: 931896
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 22.9 17.1 25.7

