

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009081.D
 Acq On : 09 Feb 2022 16:56
 Operator : CG/JU
 Sample : N1405-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 148

Quant Time: Feb 10 01:43:40 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)

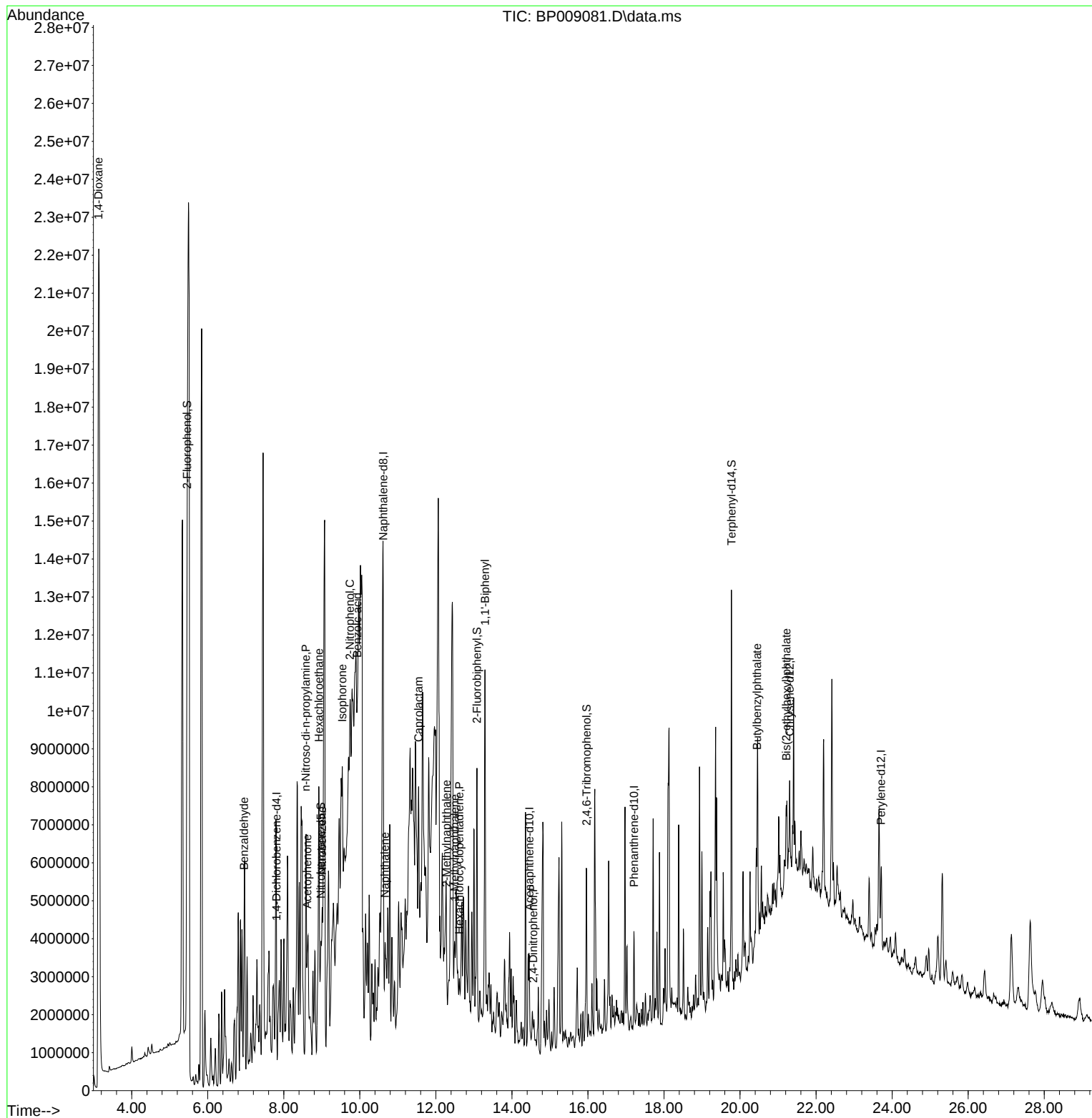
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	255944	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	853940	20.000	ng	# 0.01
39) Acenaphthene-d10	14.457	164	750979	20.000	ng	0.01
64) Phenanthrene-d10	17.210	188	1494167	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1176470	20.000	ng	0.00
86) Perylene-d12	23.709	264	1293210	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	412632	28.758	ng	0.06
7) Phenol-d6	6.981	99	10808	0.572	ng	0.00
23) Nitrobenzene-d5	8.975	82	1488065	98.271	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1172405	116.926	ng	0.02
45) 2-Fluorobiphenyl	13.081	172	3828765	71.372	ng	0.01
79) Terphenyl-d14	19.774	244	5103718	78.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.128	88	1312088	277.669	ng	# 1
9) Benzaldehyde	6.957	77	118215	12.344	ng	# 1
18) Hexachloroethane	8.922	117	502665	79.371	ng	# 1
19) n-Nitroso-di-n-propyla...	8.581	70	235933	21.795	ng	# 46
22) Acetophenone	8.616	105	1380148	69.137	ng	# 63
24) Nitrobenzene	9.004	77	67913	4.744	ng	# 38
25) Isophorone	9.540	82	409576	16.279	ng	# 1
26) 2-Nitrophenol	9.740	139	32852	4.437	ng	# 1
31) Naphthalene	10.663	128	701434	16.105	ng	# 87
32) Benzoic acid	9.934	122	2571	3.015	ng	# 1
35) Caprolactam	11.545	113	89769	22.131	ng	# 1
37) 2-Methylnaphthalene	12.281	142	542652	17.607	ng	95
38) 1-Methylnaphthalene	12.498	142	276713	9.188	ng	# 92
41) Hexachlorocyclopentadiene	12.616	237	49	8.661	ng	# 56
46) 1,1'-Biphenyl	13.292	154	143531	2.601	ng	87
54) 2,4-Dinitrophenol	14.563	184	9210	4.102	ng	# 59
80) Butylbenzylphthalate	20.451	149	418873	14.556	ng	95
84) Bis(2-ethylhexyl)phtha...	21.215	149	632883	16.626	ng	97

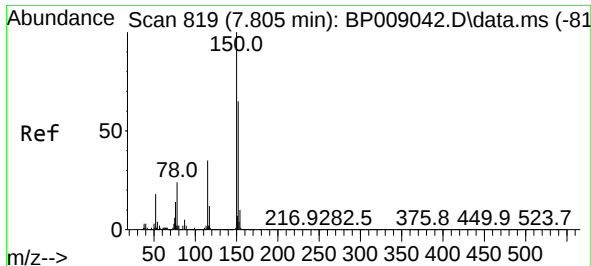
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

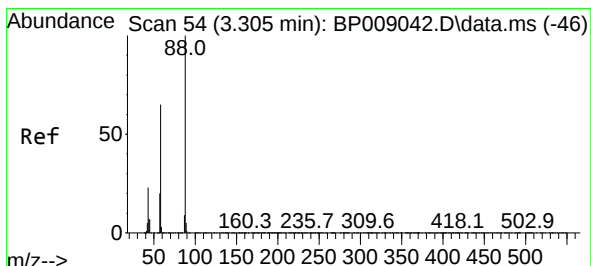
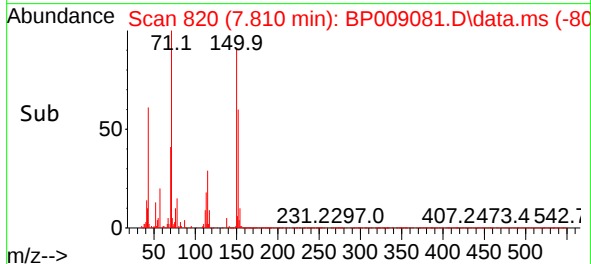
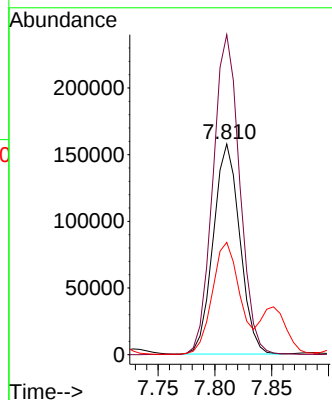
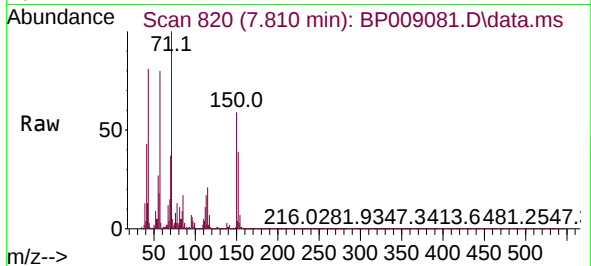




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.810 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BP009081.D
 Acq: 09 Feb 2022 16:56

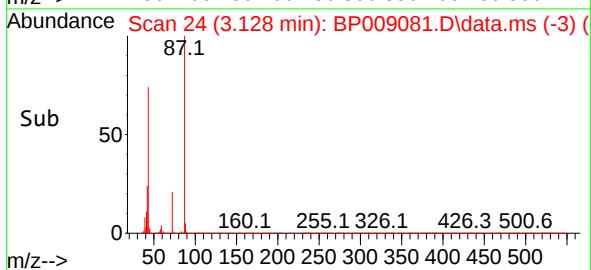
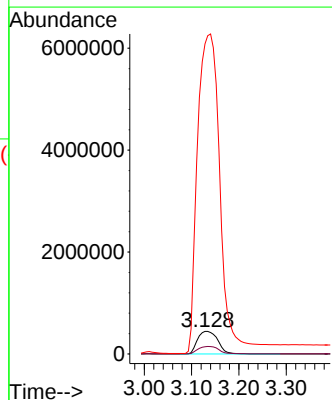
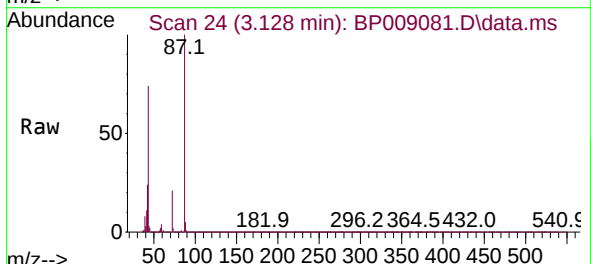
Instrument :
 BNA_P
 ClientSampleId :
 148

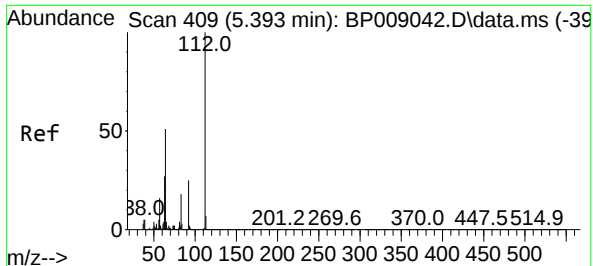
Tgt Ion:152 Resp: 255944
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.0 190.6
 115 53.3 43.7 65.5



#2
 1,4-Dioxane
 Concen: 277.669 ng
 RT: 3.128 min Scan# 24
 Delta R.T. -0.177 min
 Lab File: BP009081.D
 Acq: 09 Feb 2022 16:56

Tgt Ion: 88 Resp: 1312088
 Ion Ratio Lower Upper
 88 100
 58 33.6 50.6 75.8#
 43 1612.3 18.2 27.4#

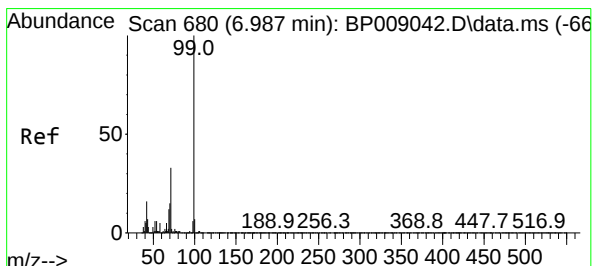
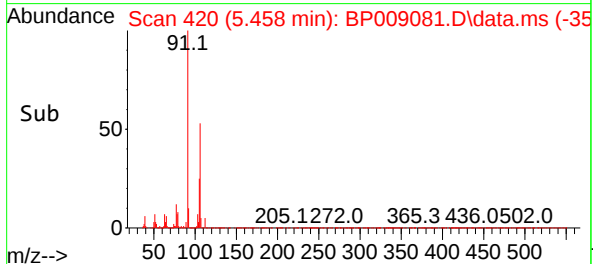
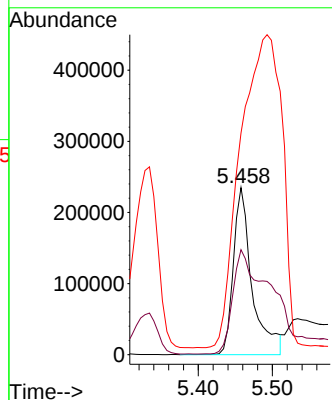
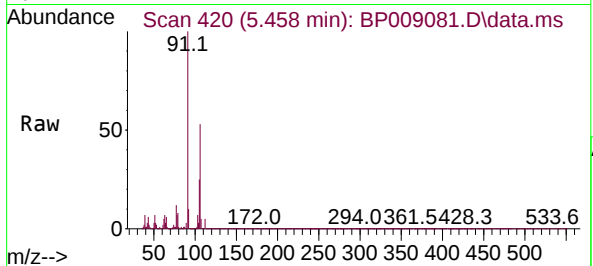




#5
2-Fluorophenol
Concen: 28.758 ng
RT: 5.458 min Scan# 41
Delta R.T. 0.065 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

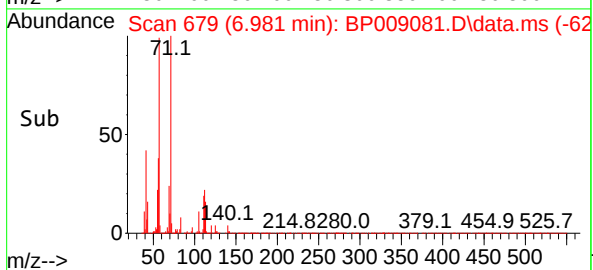
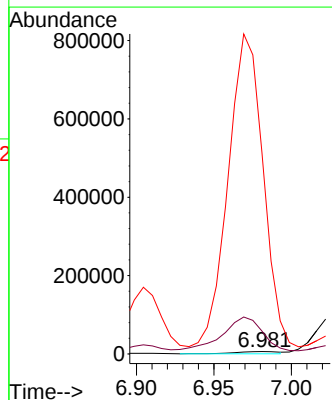
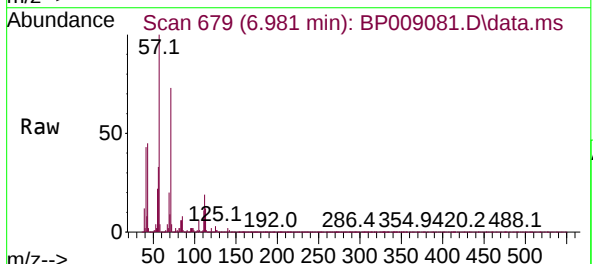
Instrument :
BNA_P
ClientSampleId :
148

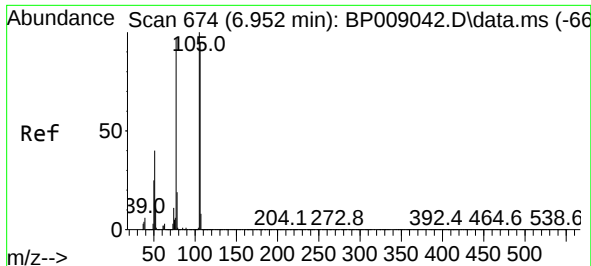
Tgt Ion:112 Resp: 412632
Ion Ratio Lower Upper
112 100
64 62.8 39.7 59.5#
63 132.6 20.0 30.0#



#7
Phenol-d6
Concen: 0.572 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 99 Resp: 10808
Ion Ratio Lower Upper
99 100
42 939.5 10.8 16.2#
71 8275.9 23.8 35.6#

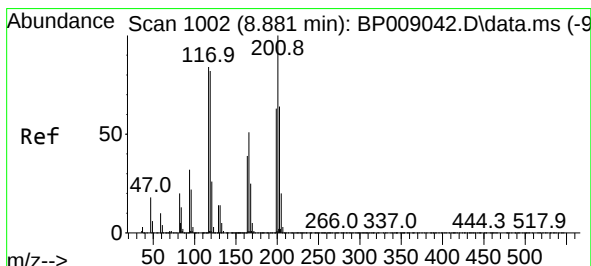
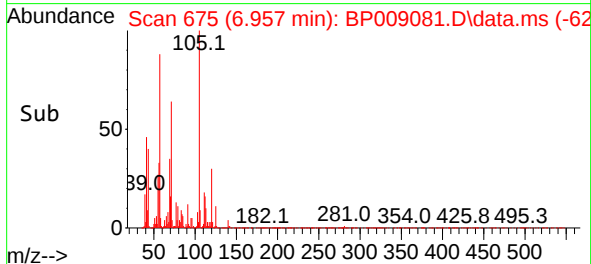
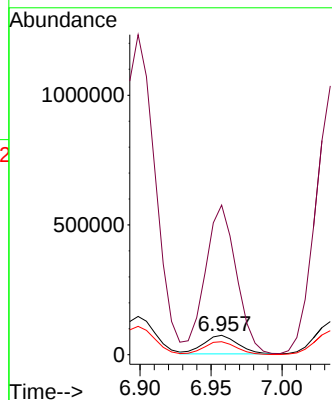
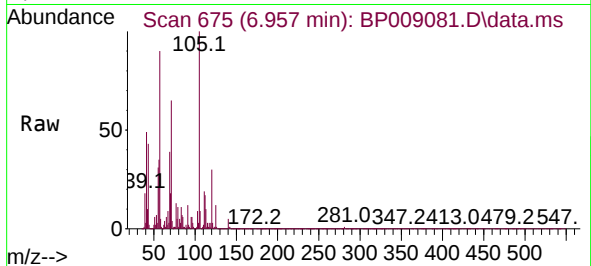




#9
Benzaldehyde
Concen: 12.344 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

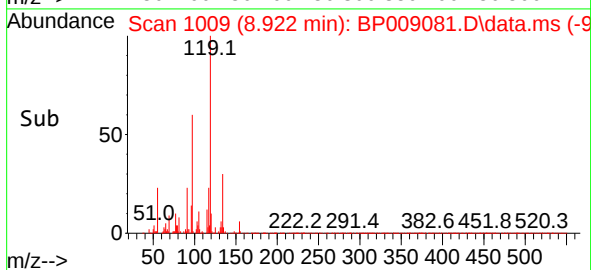
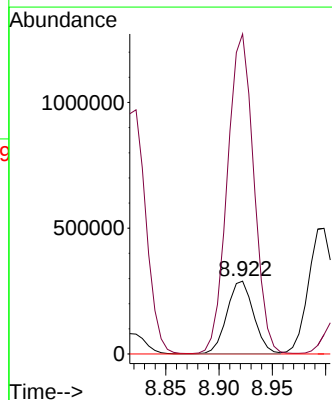
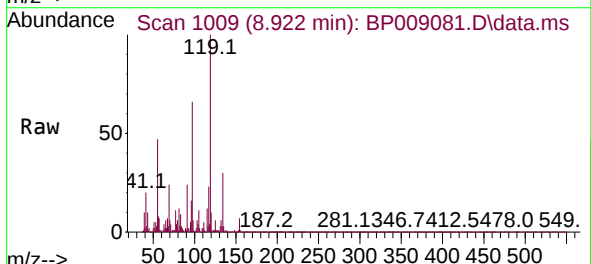
Instrument :
BNA_P
ClientSampleId :
148

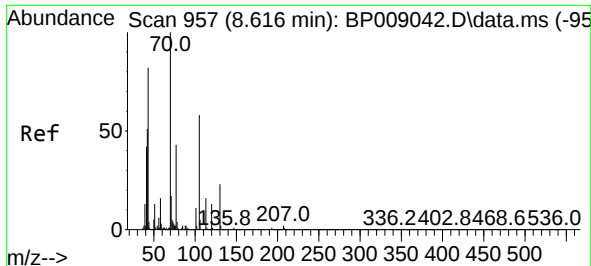
Tgt Ion: 77 Resp: 118215
Ion Ratio Lower Upper
77 100
105 774.1 84.2 124.2#
106 67.3 80.6 120.6#



#18
Hexachloroethane
Concen: 79.371 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.041 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 117 Resp: 502665
Ion Ratio Lower Upper
117 100
119 439.0 76.9 115.3#
201 0.0 93.7 140.5#

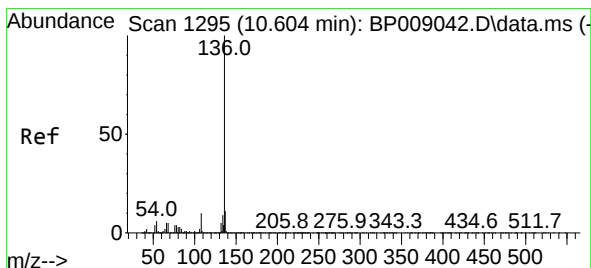
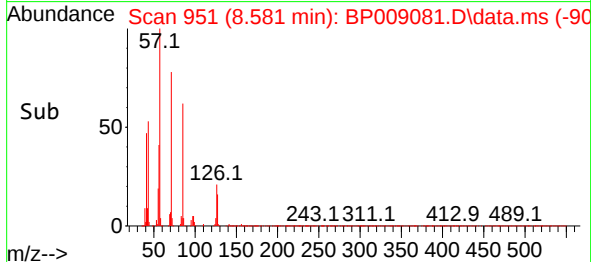
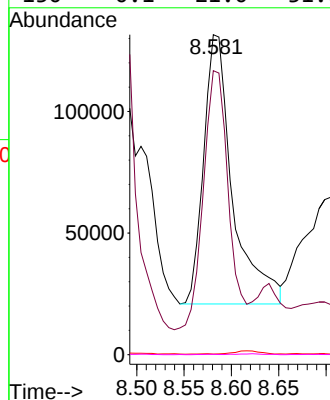
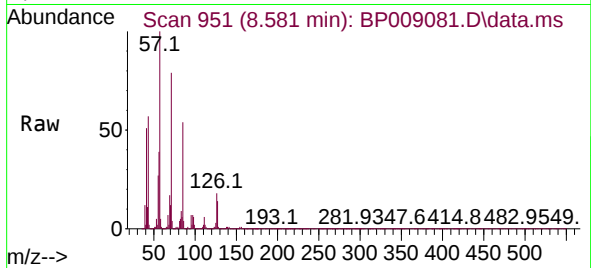




#19
n-Nitroso-di-n-propylamine
Concen: 21.795 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

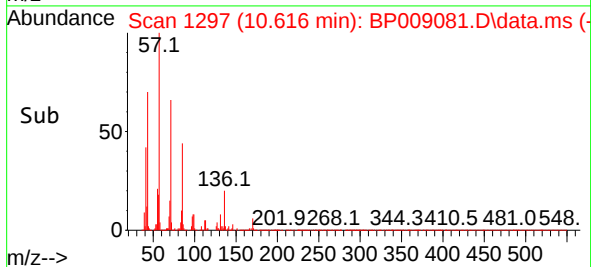
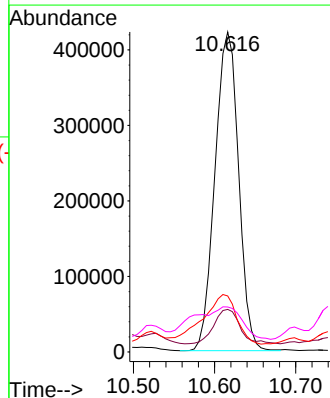
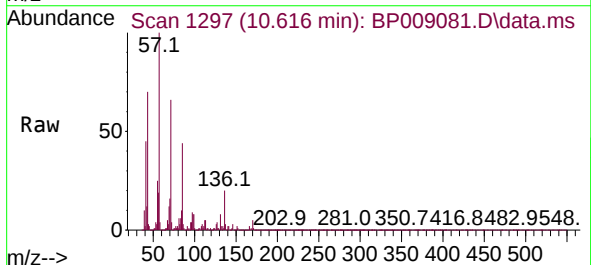
Instrument :
BNA_P
ClientSampleId :
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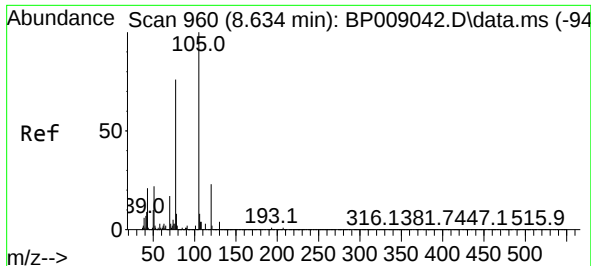
Tgt Ion: 70 Resp: 235933
Ion Ratio Lower Upper
70 100
42 88.8 38.2 57.2#
101 0.2 8.7 13.1#
130 0.1 21.0 31.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:136 Resp: 853940
Ion Ratio Lower Upper
136 100
137 13.3 9.0 13.4
54 17.5 4.9 7.3#
68 14.1 4.3 6.5#

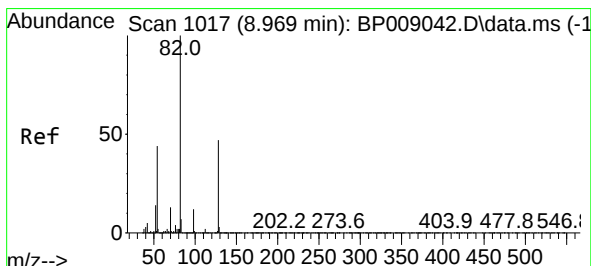
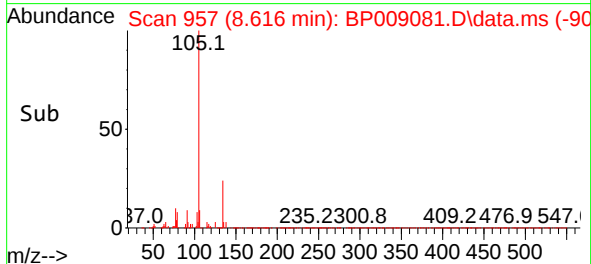
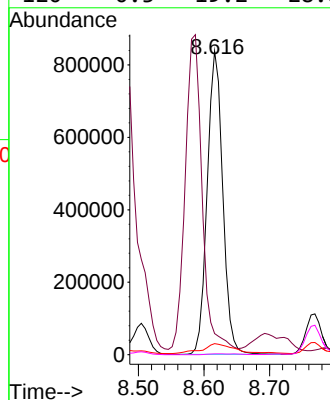
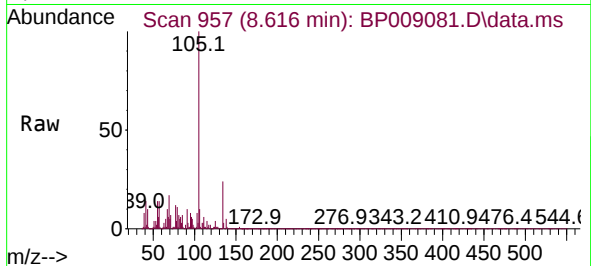




#22
Acetophenone
Concen: 69.137 ng
RT: 8.616 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

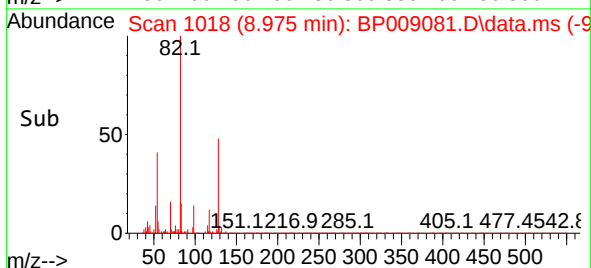
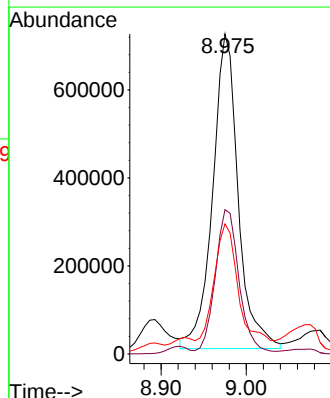
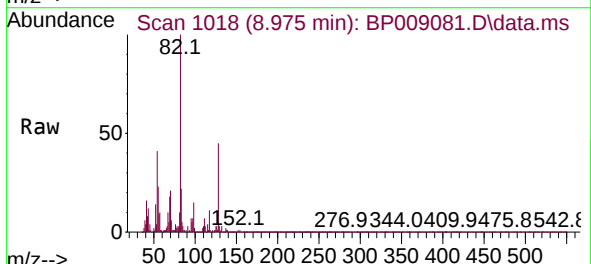
Instrument :
BNA_P
ClientSampleId :
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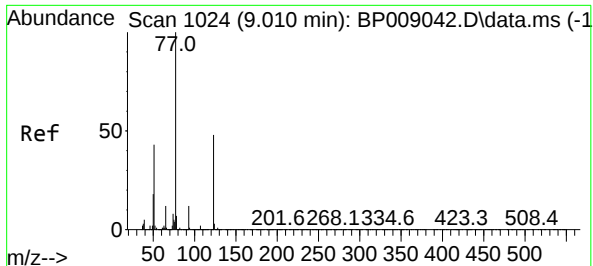
Tgt Ion:105 Resp: 1380148
Ion Ratio Lower Upper
105 100
71 7.0 5.3 7.9
51 3.6 16.3 24.5#
120 0.3 19.2 28.8#



#23
Nitrobenzene-d5
Concen: 98.271 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 82 Resp: 1488065
Ion Ratio Lower Upper
82 100
128 45.1 39.4 59.2
54 40.7 32.6 48.8

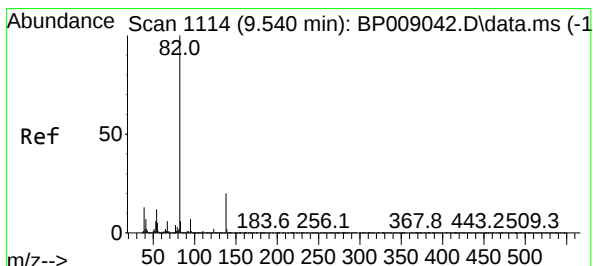
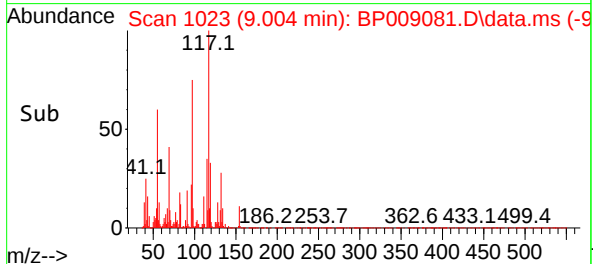
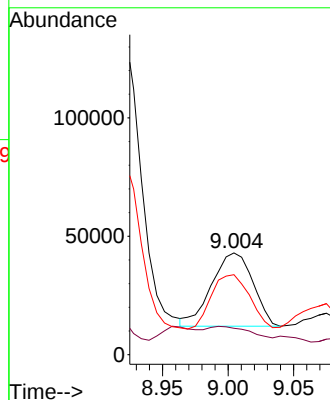
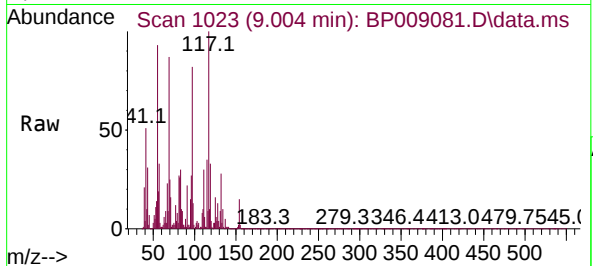




#24
Nitrobenzene
Concen: 4.744 ng
RT: 9.004 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

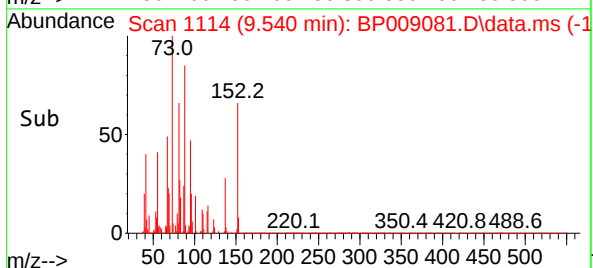
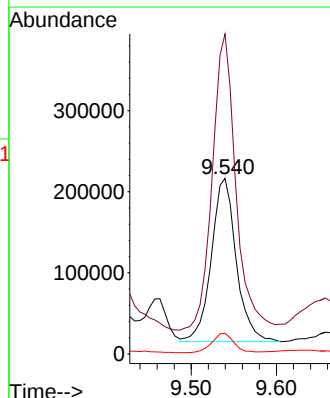
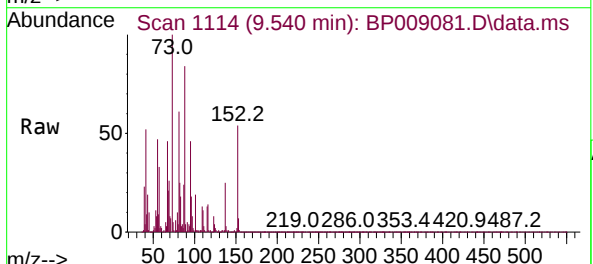
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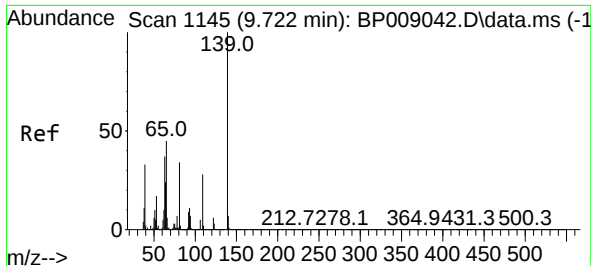
Tgt Ion: 77 Resp: 67913
Ion Ratio Lower Upper
77 100
123 25.9 41.4 62.2#
65 78.7 9.8 14.8#



#25
Isophorone
Concen: 16.279 ng
RT: 9.540 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 82 Resp: 409576
Ion Ratio Lower Upper
82 100
95 182.4 5.4 8.2#
138 11.8 16.6 24.8#

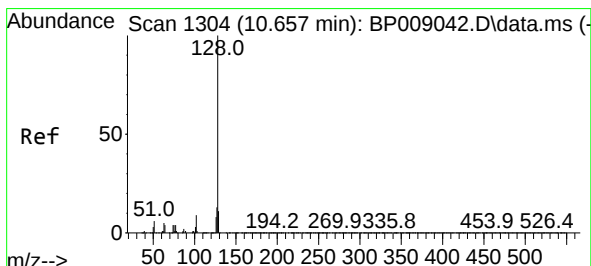
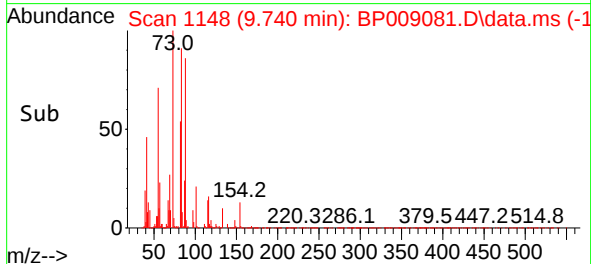
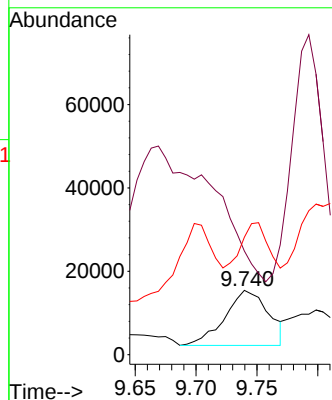
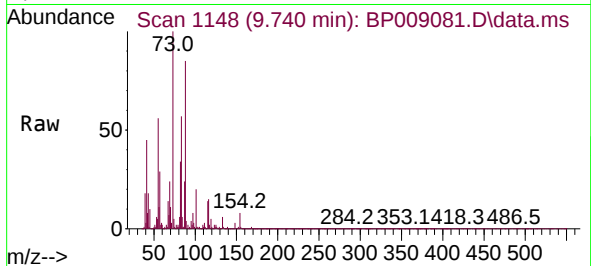




#26
2-Nitrophenol
Concen: 4.437 ng
RT: 9.740 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

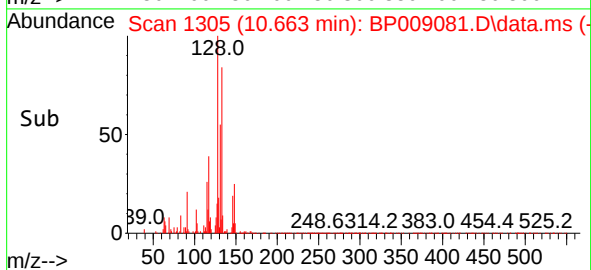
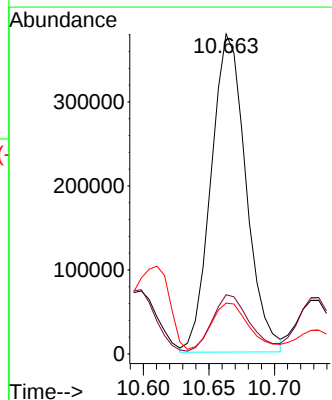
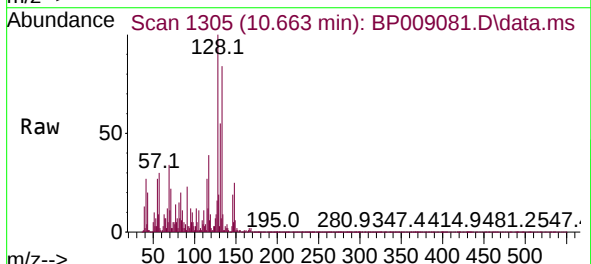
Instrument :
BNA_P
ClientSampleId :
148

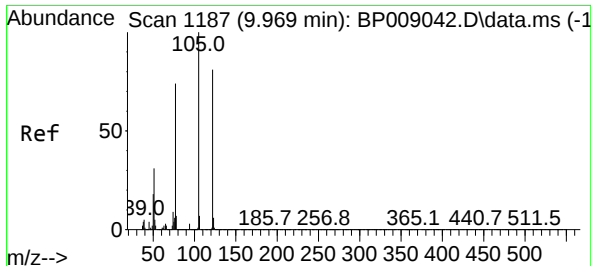
Tgt Ion:139 Resp: 32852
Ion Ratio Lower Upper
139 100
109 161.3 20.7 31.1#
65 182.7 31.6 47.4#



#31
Naphthalene
Concen: 16.105 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:128 Resp: 701434
Ion Ratio Lower Upper
128 100
129 18.5 8.8 13.2#
127 15.9 10.4 15.6#

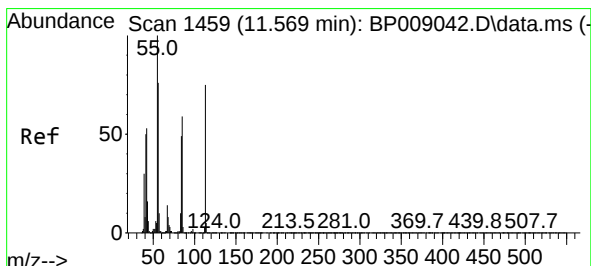
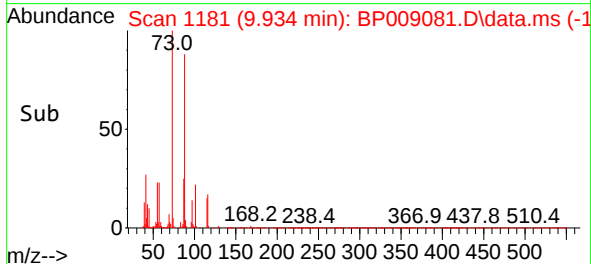
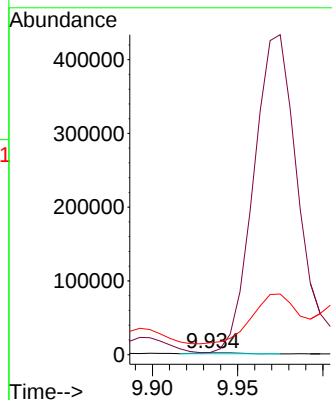
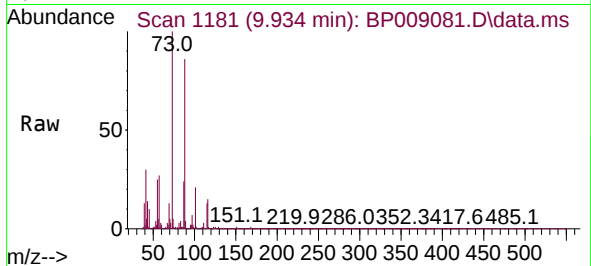




#32
Benzoic acid
Concen: 3.015 ng
RT: 9.934 min Scan# 1187
Delta R.T. -0.035 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

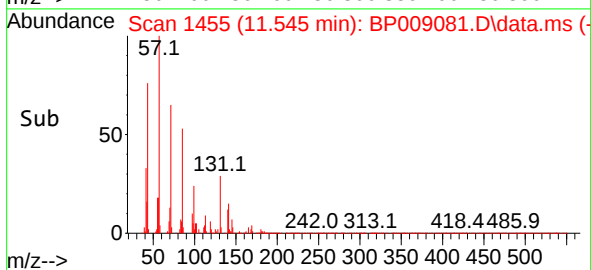
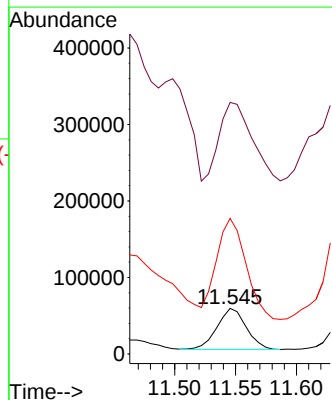
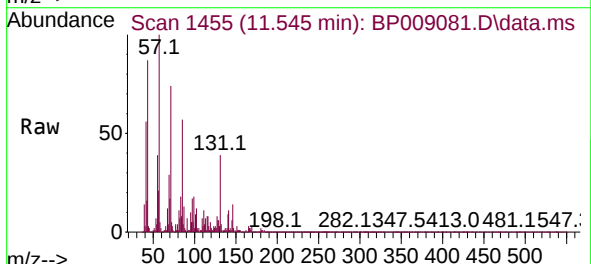
Instrument :
BNA_P
ClientSampleId :
148

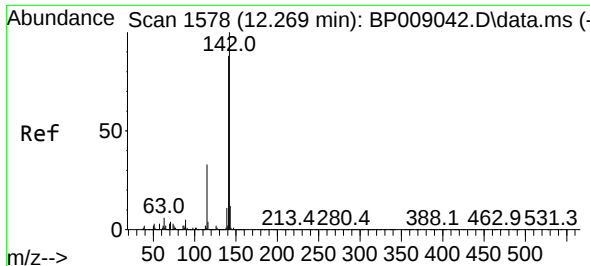
Tgt Ion:122 Resp: 2571
Ion Ratio Lower Upper
122 100
105 120.7 100.1 140.1
77 668.5 65.5 105.5#



#35
Caprolactam
Concen: 22.131 ng
RT: 11.545 min Scan# 1455
Delta R.T. -0.024 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:113 Resp: 89769
Ion Ratio Lower Upper
113 100
55 551.6 107.1 147.1#
56 297.0 74.1 114.1#

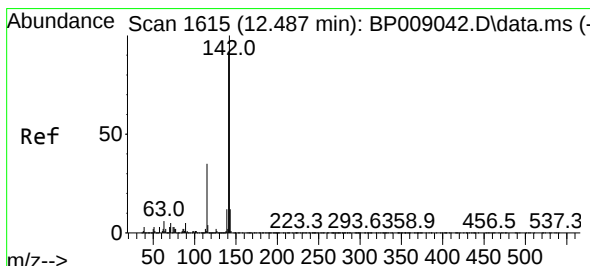
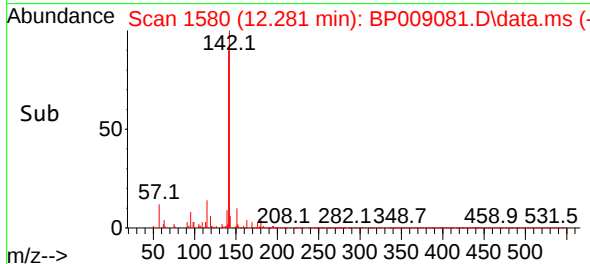
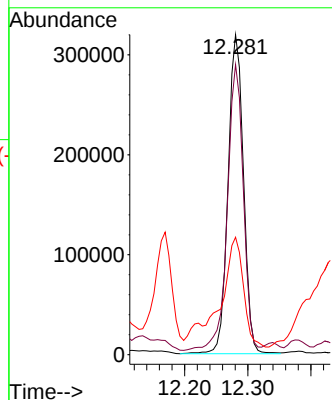
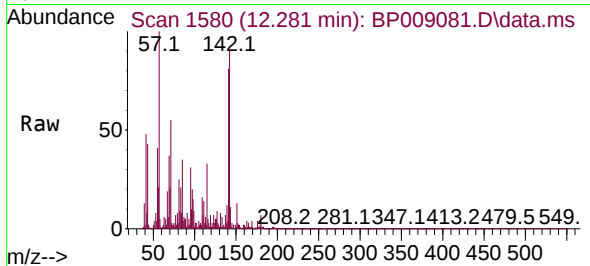




#37
2-Methylnaphthalene
Concen: 17.607 ng
RT: 12.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

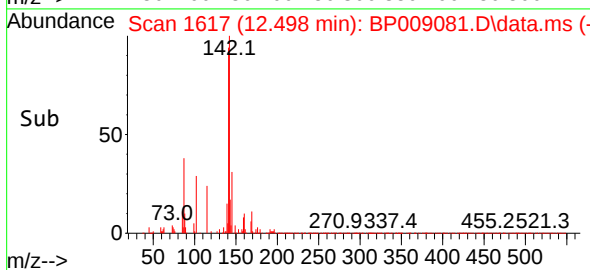
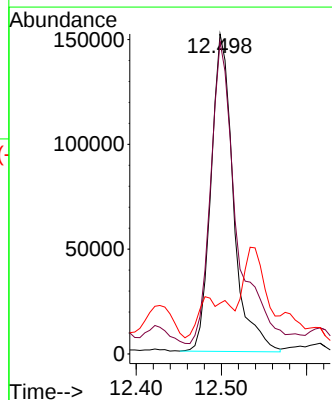
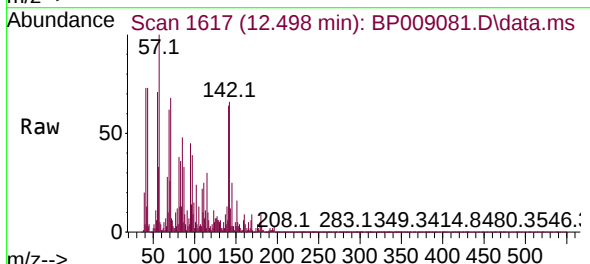
Instrument :
BNA_P
ClientSampleId :
148

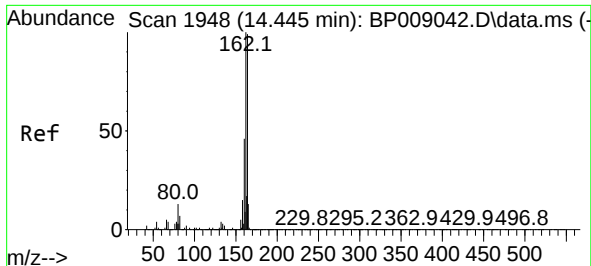
Tgt Ion:142 Resp: 542652
Ion Ratio Lower Upper
142 100
141 90.7 70.5 105.7
115 36.7 24.6 36.8



#38
1-Methylnaphthalene
Concen: 9.188 ng
RT: 12.498 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:142 Resp: 276713
Ion Ratio Lower Upper
142 100
141 97.7 73.2 109.8
116 15.9 2.7 4.1#

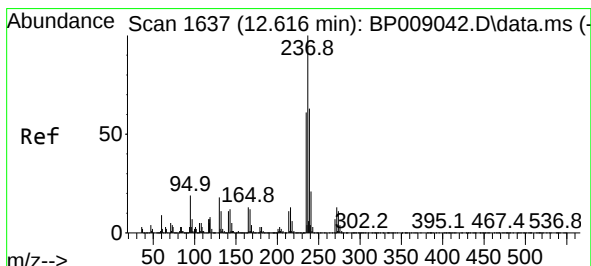
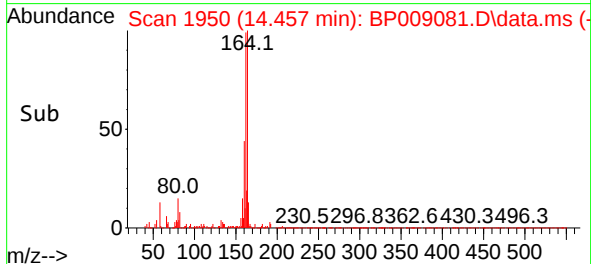
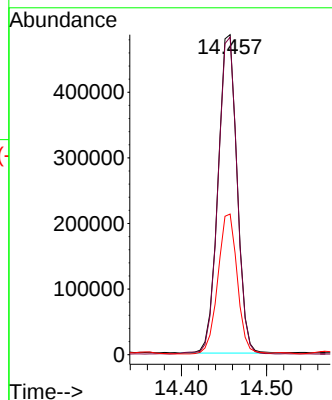
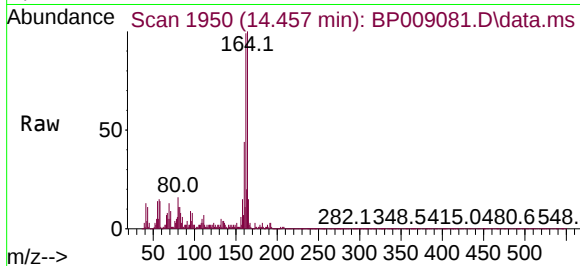




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

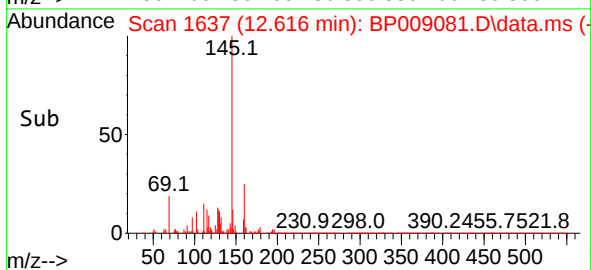
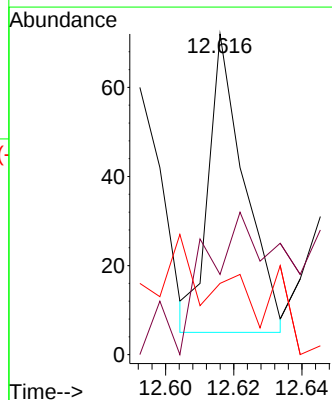
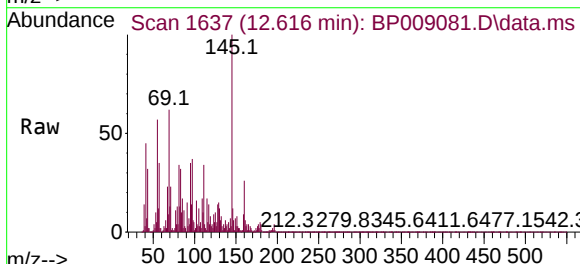
Instrument :
BNA_P
ClientSampleId :
148

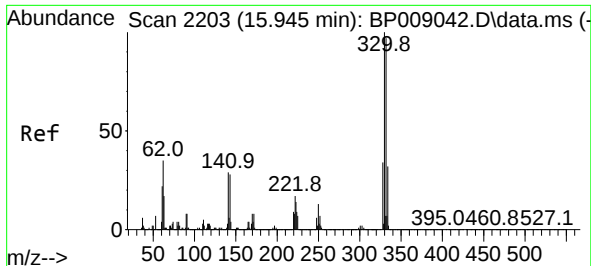
Tgt Ion:164 Resp: 750979
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.9 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:237 Resp: 49
Ion Ratio Lower Upper
237 100
235 25.0 42.9 82.9#
272 22.2 0.0 33.8

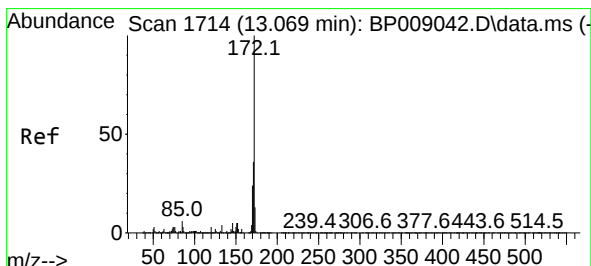
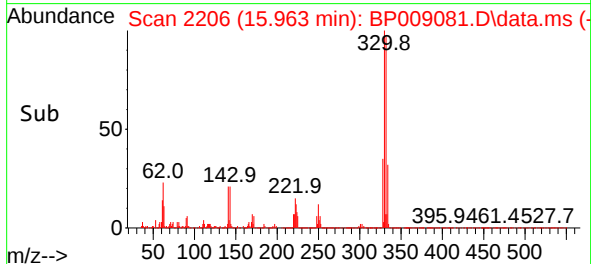
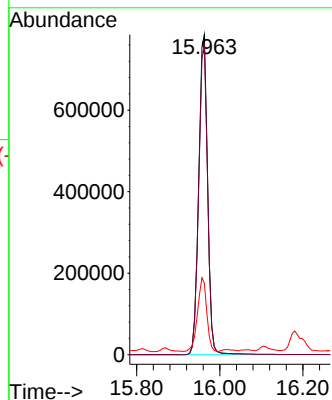
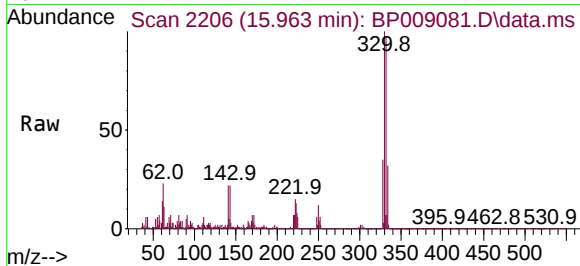




#42
2,4,6-Tribromophenol
Concen: 116.926 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

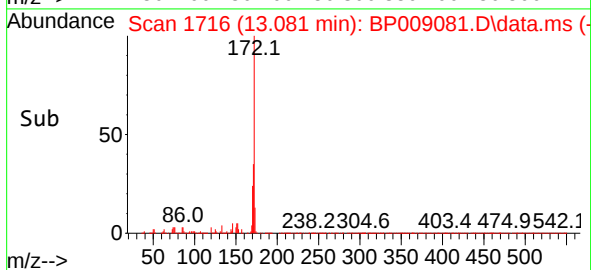
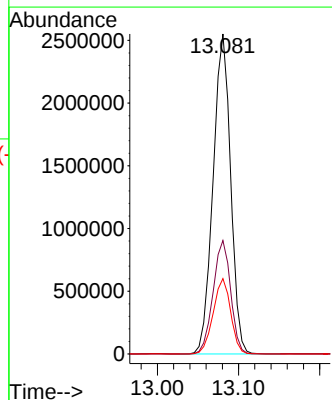
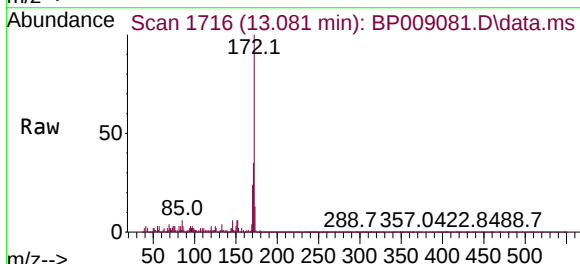
Instrument :
BNA_P
ClientSampleId :
148

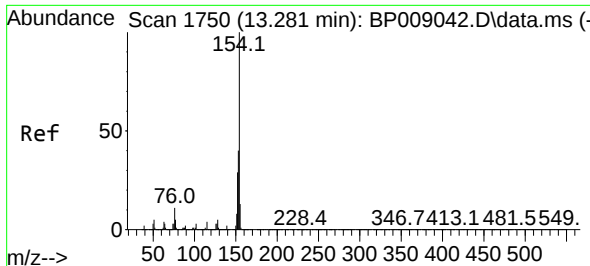
Tgt Ion: 330 Resp: 1172405
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 23.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 71.372 ng
RT: 13.081 min Scan# 1716
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 172 Resp: 3828765
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.6 19.5 29.3

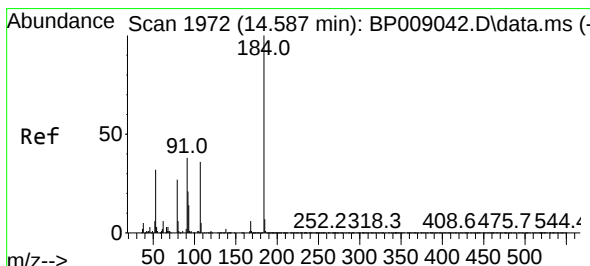
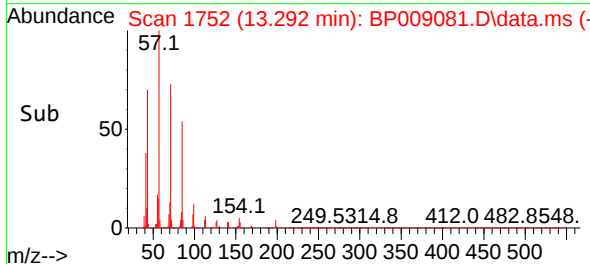
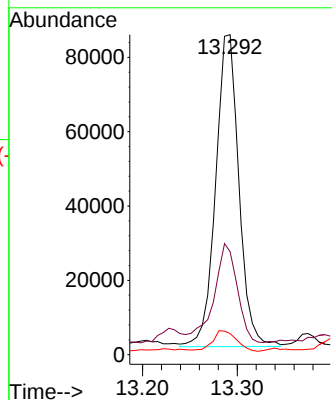
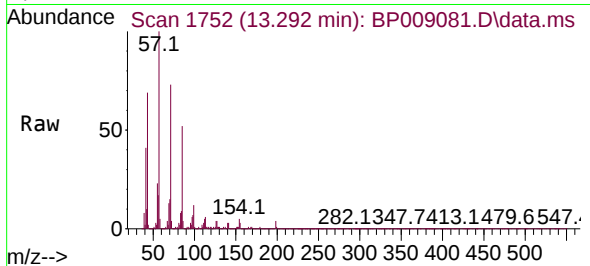




#46
1,1'-Biphenyl
Concen: 2.601 ng
RT: 13.292 min Scan# 1148
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

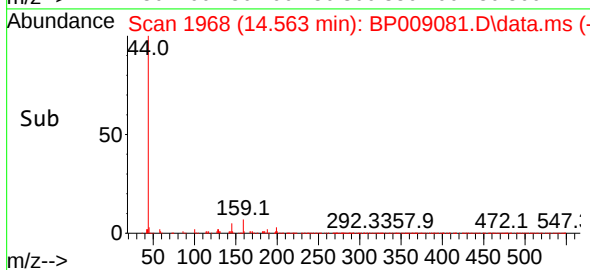
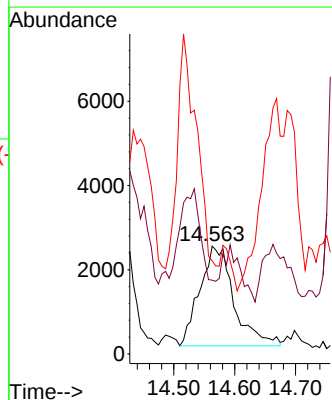
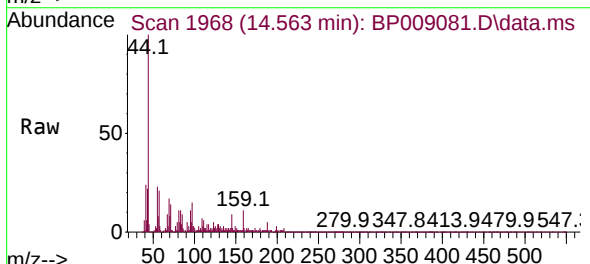
Instrument :
BNA_P
ClientSampleId :
148

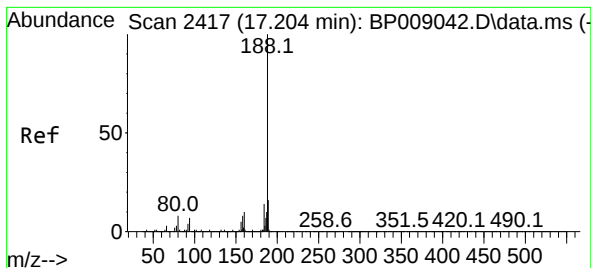
Tgt Ion:154 Resp: 143531
Ion Ratio Lower Upper
154 100
153 32.2 20.3 60.3
76 6.6 0.0 31.1



#54
2,4-Dinitrophenol
Concen: 4.102 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.024 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:184 Resp: 9210
Ion Ratio Lower Upper
184 100
63 68.3 35.6 53.4#
154 86.2 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: BP009081.D

Acq: 09 Feb 2022 16:56

Instrument :

BNA_P

ClientSampleId :

148

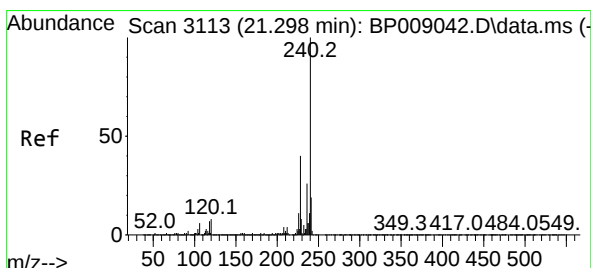
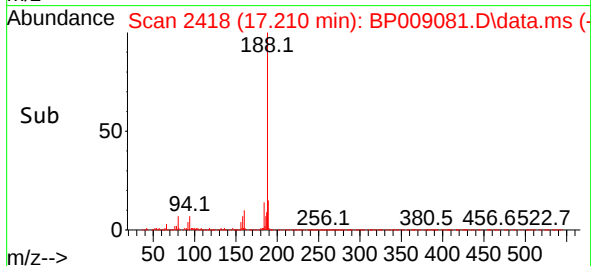
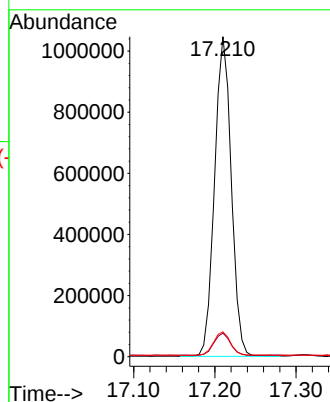
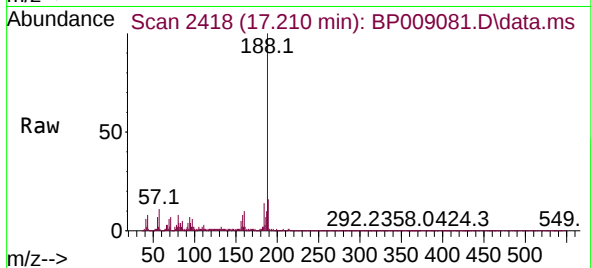
Tgt Ion:188 Resp: 1494167

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

80 7.8 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: BP009081.D

Acq: 09 Feb 2022 16:56

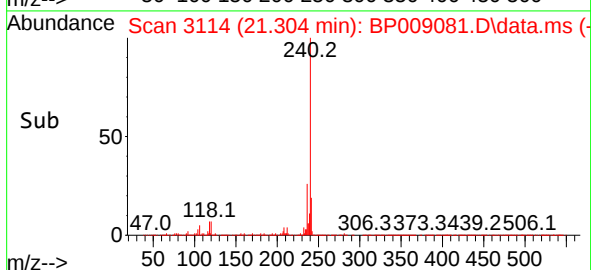
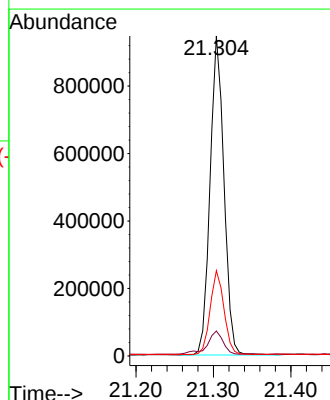
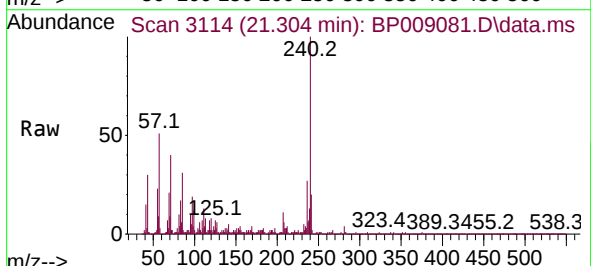
Tgt Ion:240 Resp: 1176470

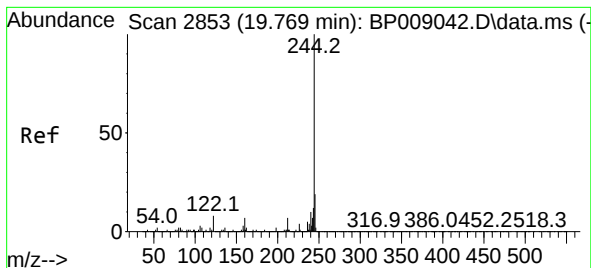
Ion Ratio Lower Upper

240 100

120 7.8 7.7 11.5

236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 78.014 ng

RT: 19.774 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009081.D

Acq: 09 Feb 2022 16:56

Instrument :

BNA_P

ClientSampleId :

148

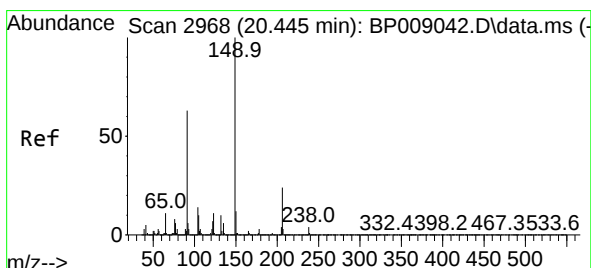
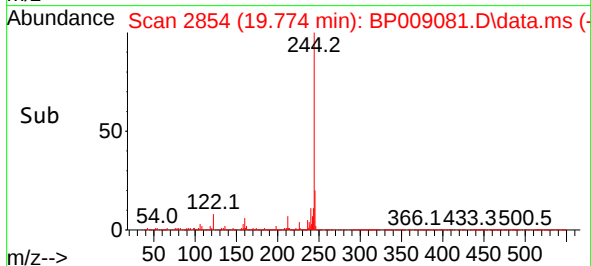
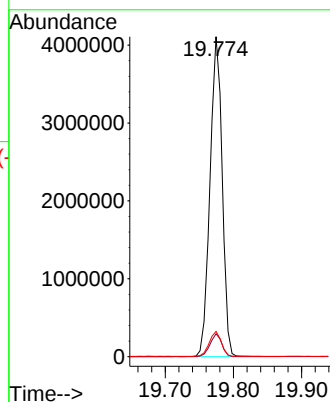
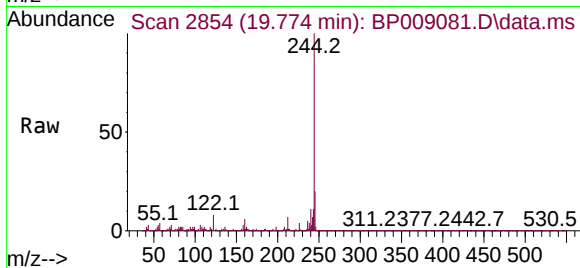
Tgt Ion:244 Resp: 5103718

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 7.9 9.2 13.8#



#80

Butylbenzylphthalate

Concen: 14.556 ng

RT: 20.451 min Scan# 2969

Delta R.T. 0.006 min

Lab File: BP009081.D

Acq: 09 Feb 2022 16:56

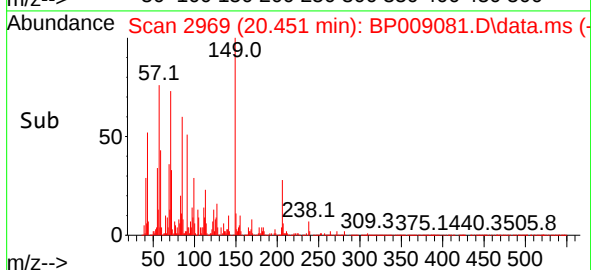
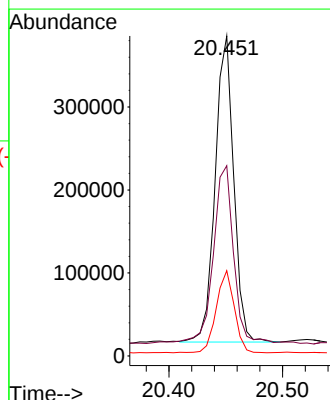
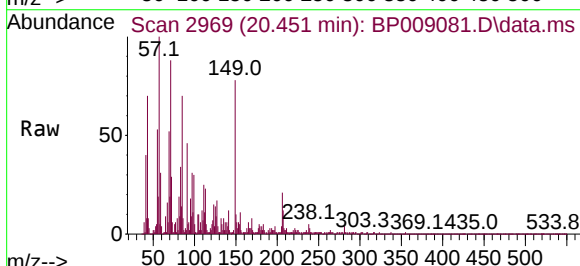
Tgt Ion:149 Resp: 418873

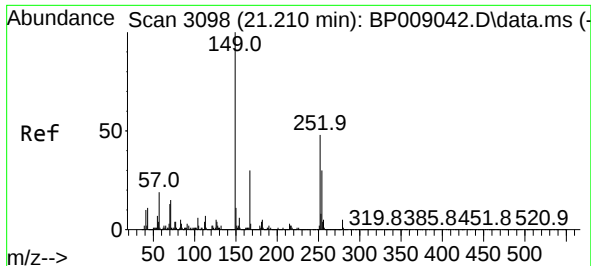
Ion Ratio Lower Upper

149 100

91 59.4 50.6 76.0

206 26.7 19.7 29.5

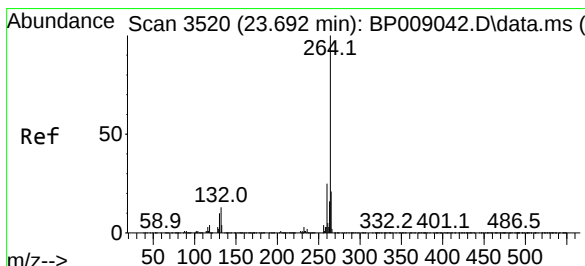
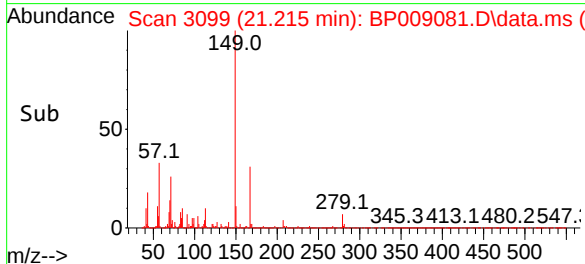
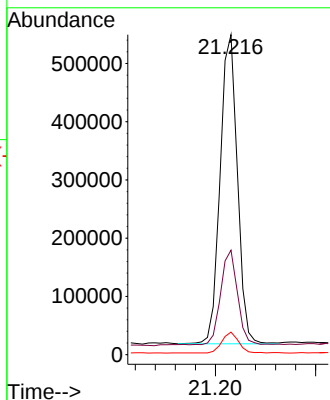
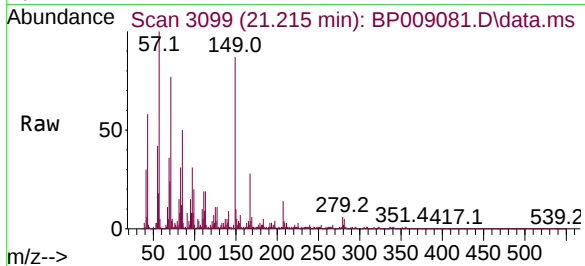




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.626 ng
RT: 21.215 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Instrument :
BNA_P
ClientSampleId :
148

Tgt Ion:149 Resp: 632883
Ion Ratio Lower Upper
149 100
167 32.7 25.0 37.4
279 7.1 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. 0.018 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

Tgt Ion:264 Resp: 1293210
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.3 17.1 25.7

