

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002849.D
 Acq On : 23 Jul 2020 20:10
 Operator : CG/JU
 Sample : L3402-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Jul 24 01:00:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	48151	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	203440	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	132916	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	313525	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	421514	20.00	ng	0.00
86) Perylene-d12	23.25	264	521011	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	365582	128.10	ng	-0.01
7) Phenol-d6	6.75	99	444673	109.18	ng	-0.01
23) Nitrobenzene-d5	8.69	82	352225	92.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	210613	151.80	ng	-0.01
45) 2-Fluorobiphenyl	12.80	172	754427	87.81	ng	-0.02
79) Terphenyl-d14	19.55	244	1324466	72.04	ng	-0.01

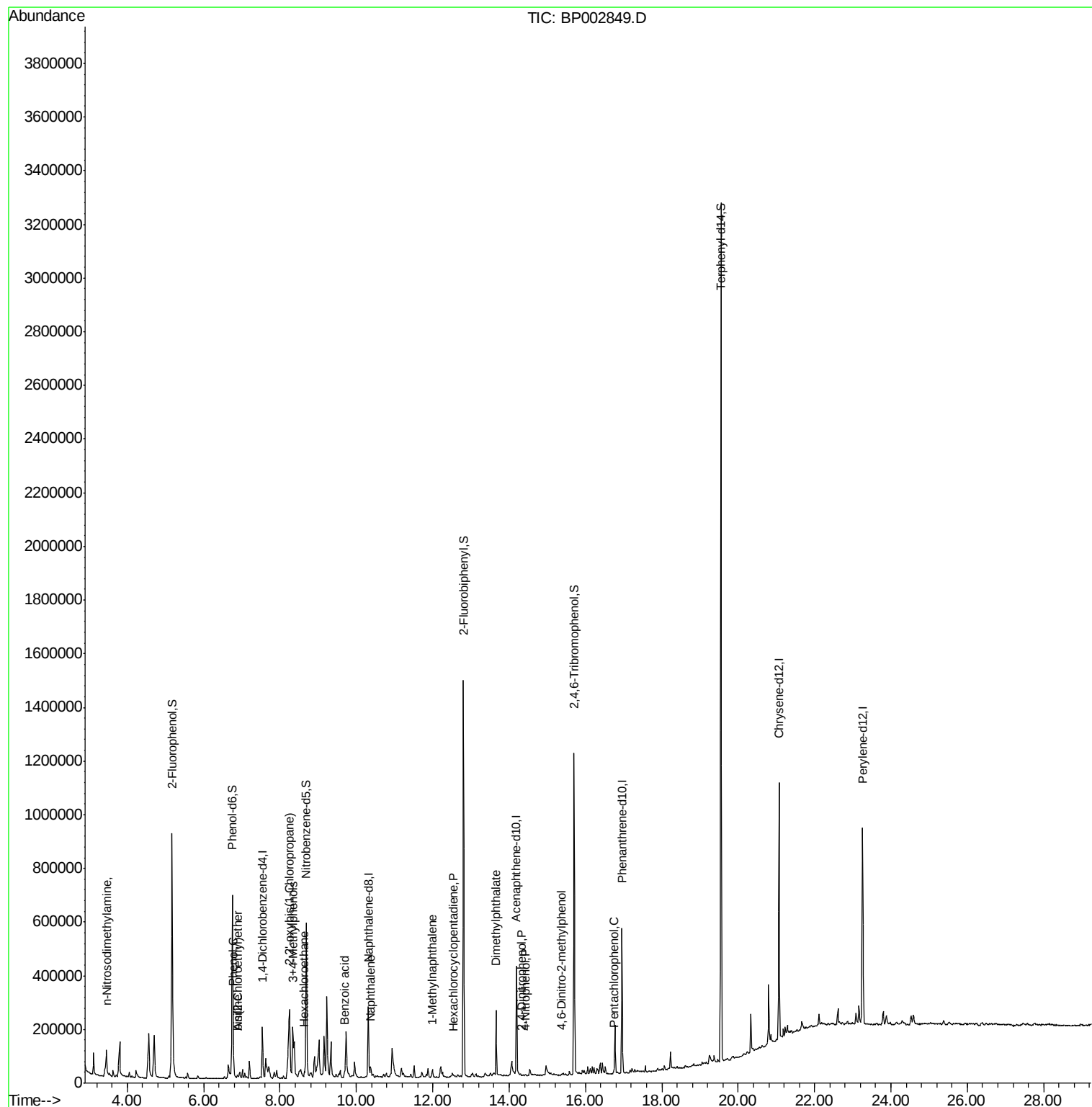
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.46	42	9211	6.594	ng	# 1
6) Aniline	6.89	93	13049	2.531	ng	99
10) Phenol	6.78	94	13254	3.177	ng	# 62
11) bis(2-Chloroethyl)ether	6.89	93	13049	3.760	ng	# 28
16) 2,2'-oxybis(1-Chloropropan	8.25	45	31550	6.321	ng	75
18) Hexachloroethane	8.64	117	3493	2.699	ng	# 1
20) 3+4-Methylphenols	8.33	107	92816	23.615	ng	94
31) Naphthalene	10.36	128	23361	2.175	ng	98
32) Benzoic acid	9.69	122	13399	12.176	ng	85
38) 1-Methylnaphthalene	11.99	142	15090	2.105	ng	91
41) Hexachlorocyclopentadiene	12.55	237	31	7.450	ng	92
50) Dimethylphthalate	13.66	163	159020	15.688	ng	100
54) 2,4-Dinitrophenol	14.32	184	11	11.382	ng	# 1
56) 4-Nitrophenol	14.43	139	133	5.036	ng	# 39
65) 4,6-Dinitro-2-methylphenol	15.36	198	49	5.290	ng	# 1
70) Pentachlorophenol	16.73	266	53	7.469	ng	91

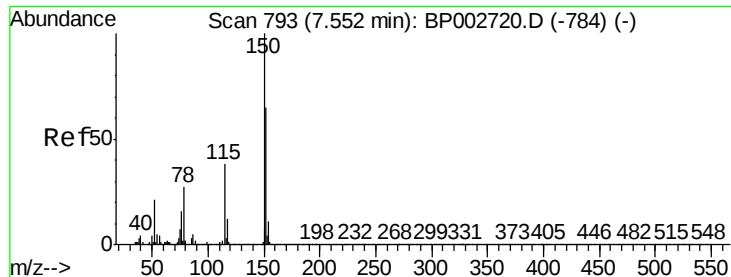
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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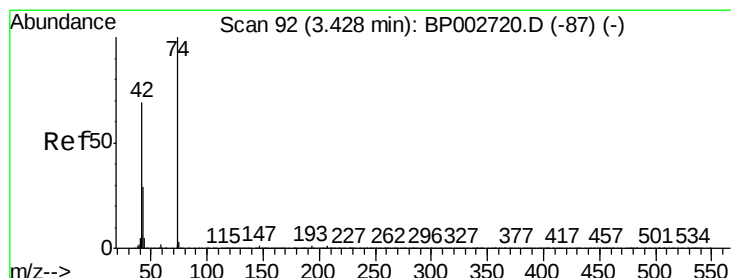
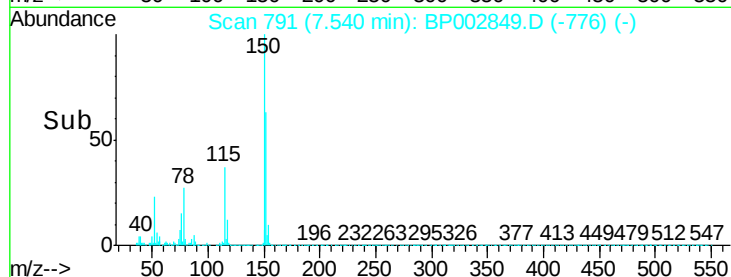
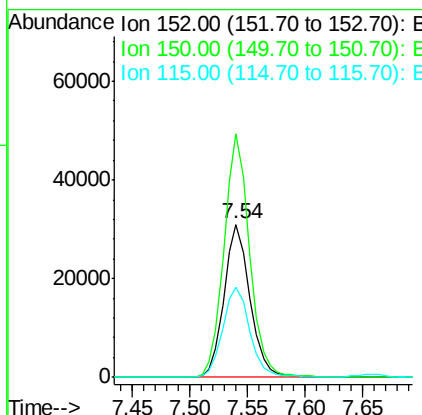
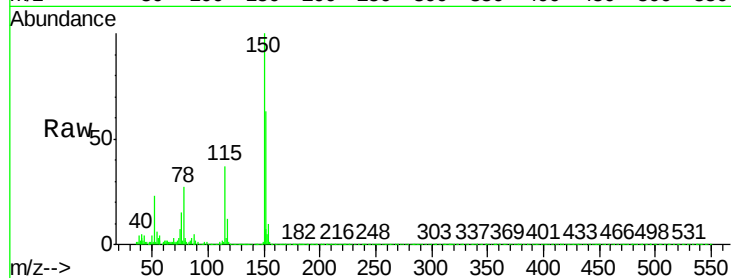


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

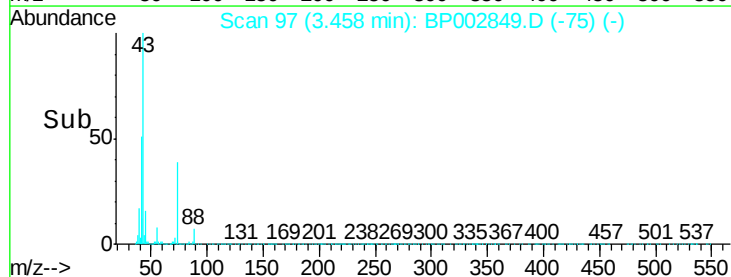
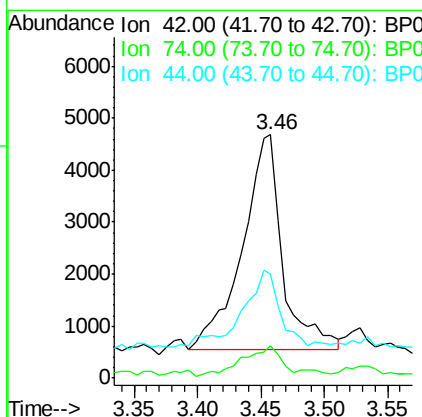
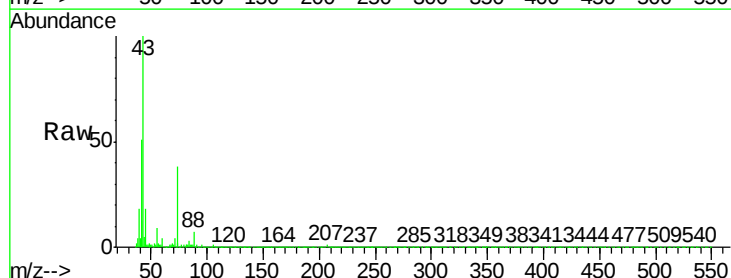
Tot Ion	152	Resp	48151
Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.7	185.5
115	58.6	47.2	70.8

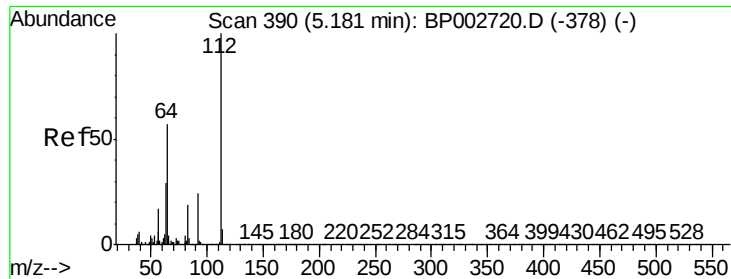


#4

n-Nitrosodimethylamine
Concen: 6.594 ng
RT: 3.46 min Scan# 97
Delta R.T. 0.03 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion	42	Resp	9211
Ion	Ratio	Lower	Upper
42	100		
74	13.5	116.3	174.5#
44	42.7	5.9	8.9#





#5

2-Fluorophenol

Concen: 128.098 ng

RT: 5.17 min Scan# 388

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

Instrument :

BNA_P

ClientSampleId :

CHASSIE-WASH

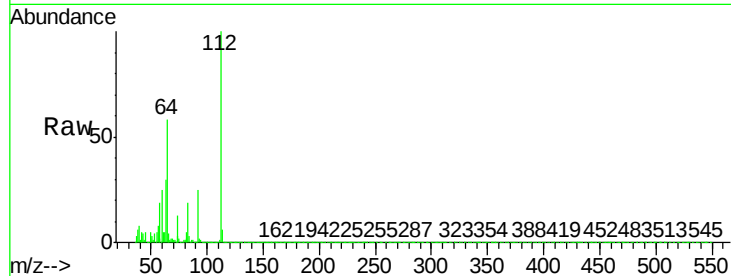
Tot Ion: 112 Resp: 365582

Ion Ratio Lower Upper

112 100

64 58.4 45.6 68.4

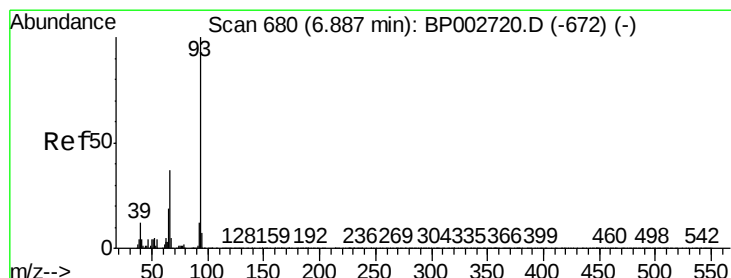
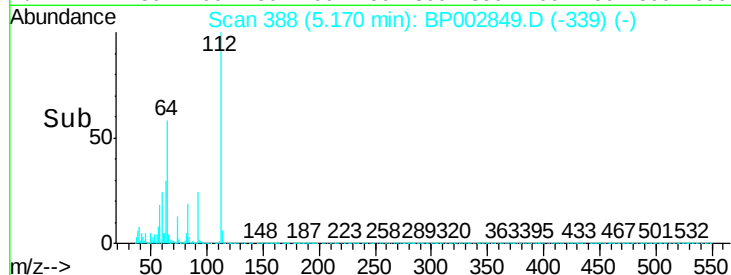
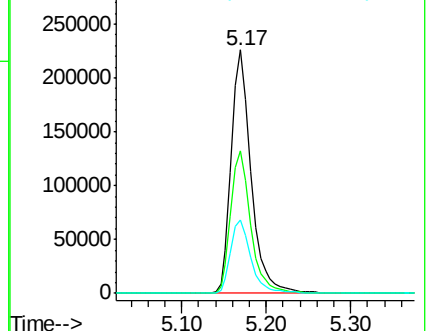
63 30.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 2.531 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

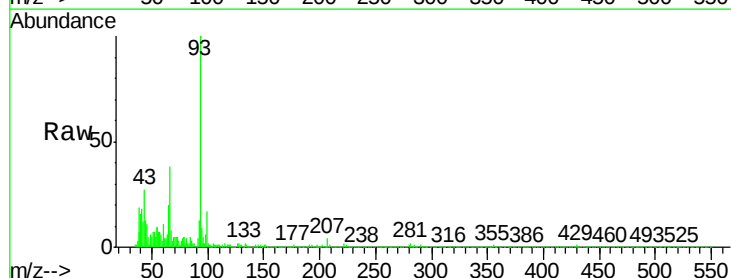
Tgt Ion: 93 Resp: 13049

Ion Ratio Lower Upper

93 100

66 38.5 30.1 45.1

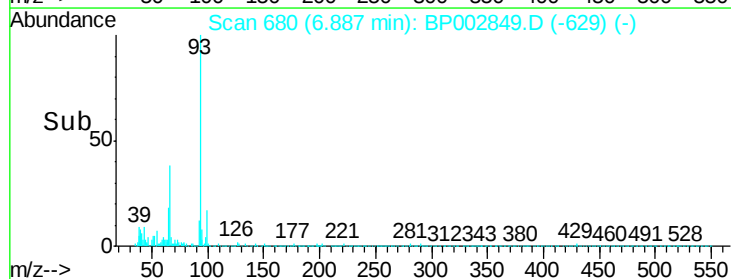
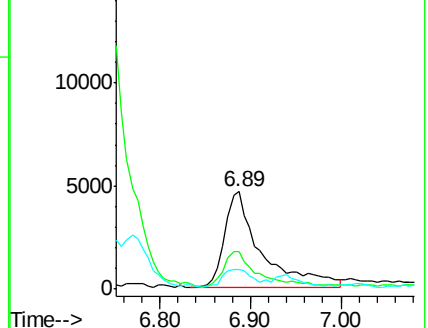
65 19.7 15.4 23.2

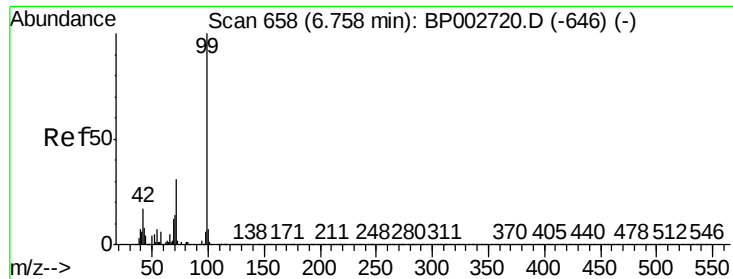


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 109.175 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

Instrument :

BNA_P

ClientSampleId :

CHASSIE-WASH

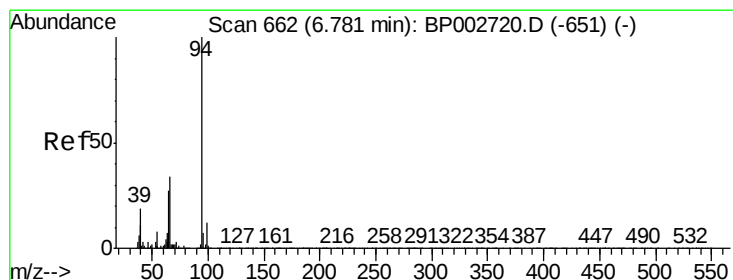
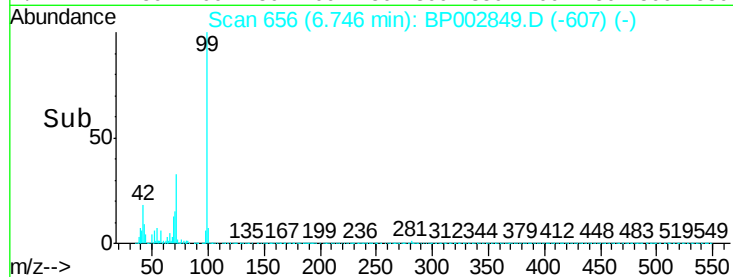
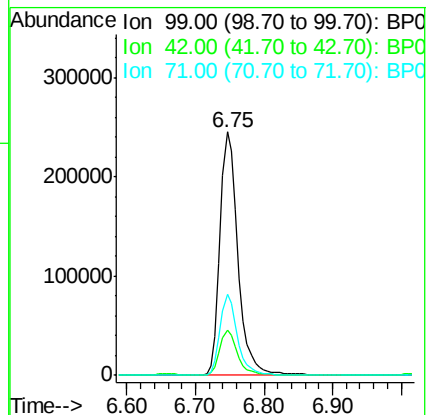
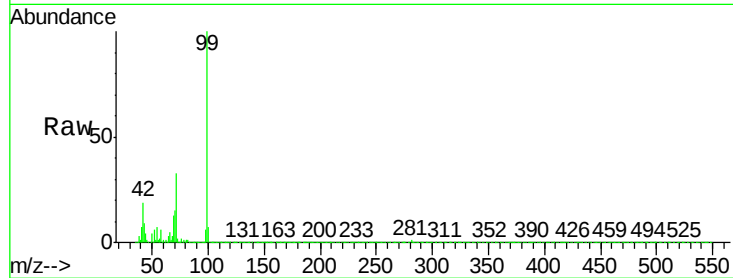
Tot Ion: 99 Resp: 444673

Ion Ratio Lower Upper

99 100

42 18.5 13.4 20.2

71 33.2 24.6 36.8



#10

Phenol

Concen: 3.177 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

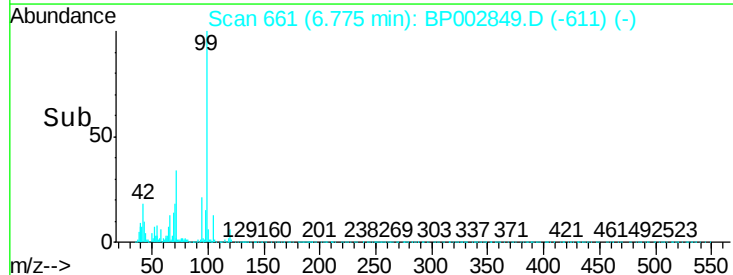
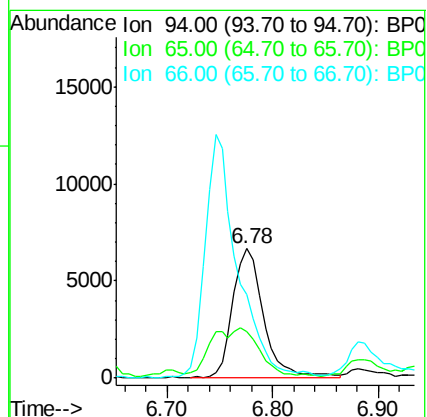
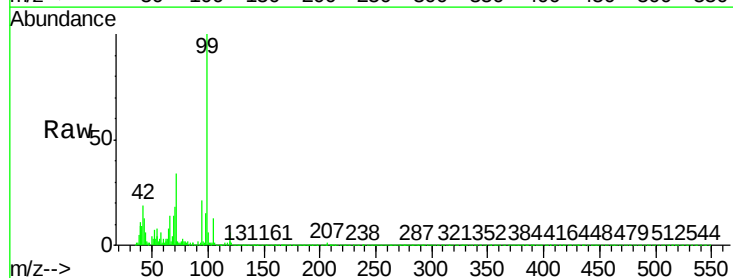
Tgt Ion: 94 Resp: 13254

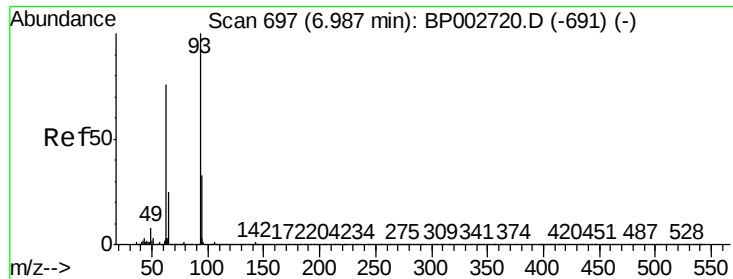
Ion Ratio Lower Upper

94 100

65 36.2 7.0 47.0

66 64.2 13.7 53.7#

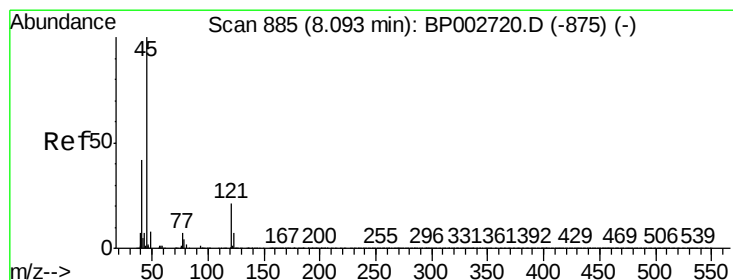
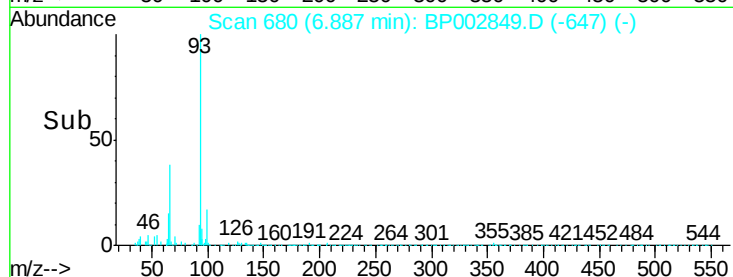
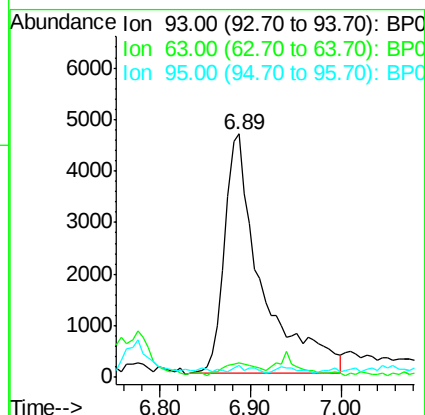
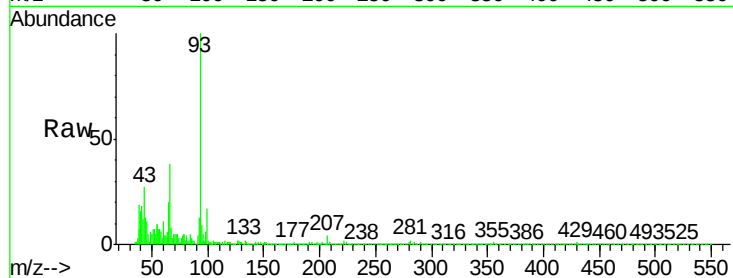




#11
bis(2-Chloroethyl)ether
Concen: 3.760 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.11 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

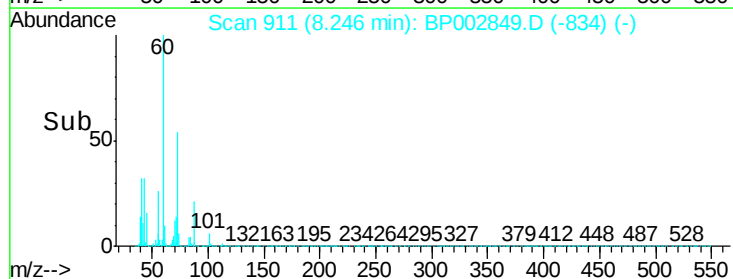
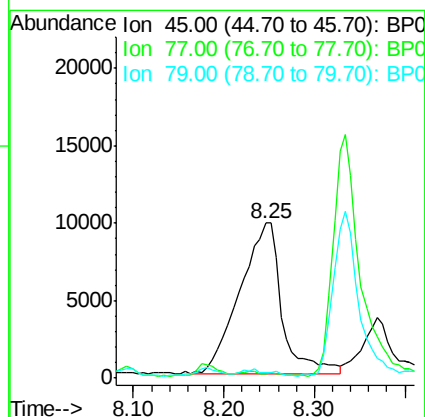
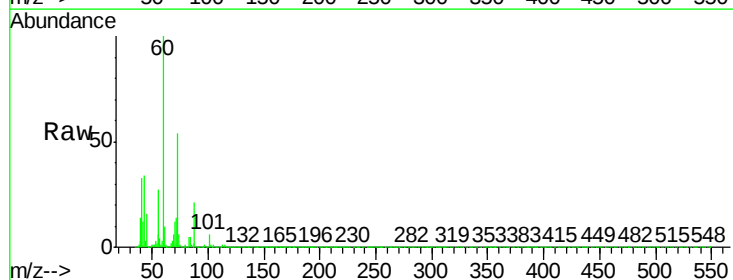
Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

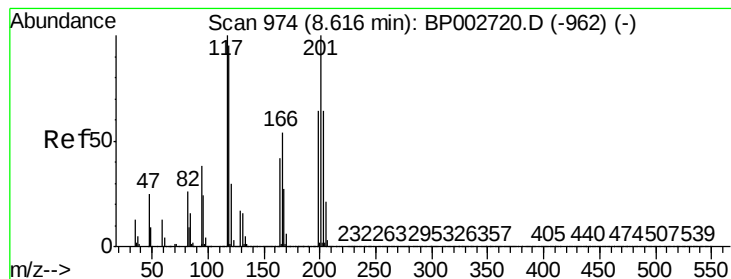
Tot Ion: 93 Resp: 13049
Ion Ratio Lower Upper
93 100
63 5.7 55.1 95.1#
95 5.1 12.7 52.7#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.321 ng
RT: 8.25 min Scan# 911
Delta R.T. 0.15 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion: 45 Resp: 31550
Ion Ratio Lower Upper
45 100
77 3.0 0.0 34.8
79 3.8 0.0 31.6





#18

Hexachloroethane

Concen: 2.699 ng

RT: 8.64 min Scan# 978

Delta R.T. 0.02 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

Instrument :

BNA_P

ClientSampleId :

CHASSIE-WASH

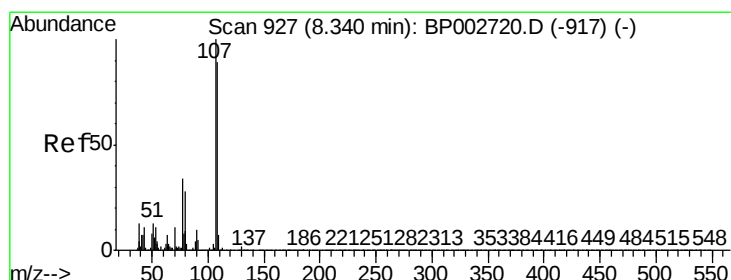
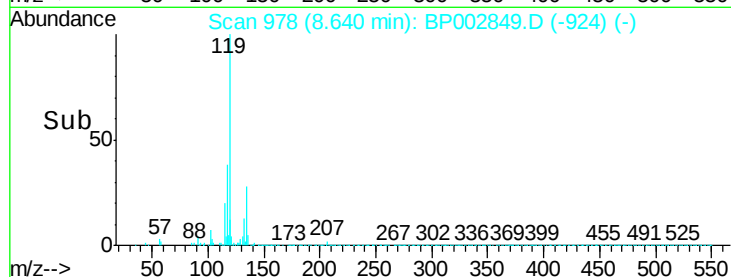
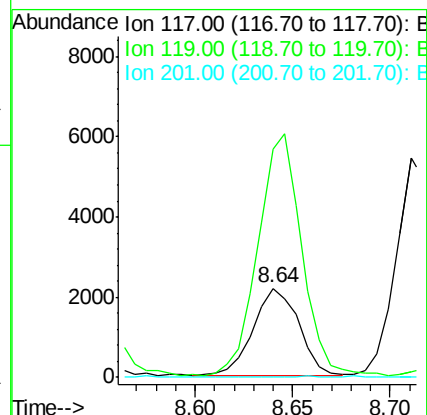
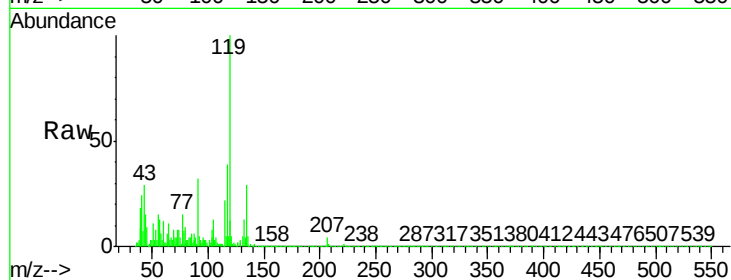
Tot Ion:117 Resp: 3493

Ion Ratio Lower Upper

117 100

119 256.8 76.6 115.0#

201 0.7 80.3 120.5#



#20

3+4-Methylphenols

Concen: 23.615 ng

RT: 8.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

Tgt Ion:107 Resp: 92816

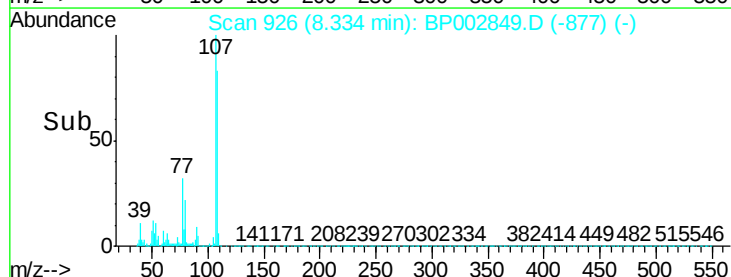
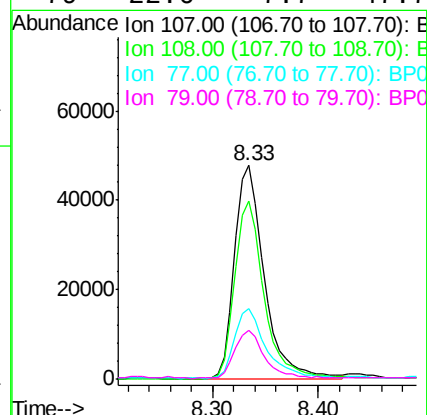
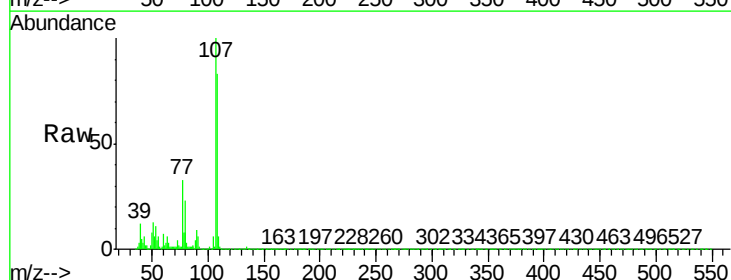
Ion Ratio Lower Upper

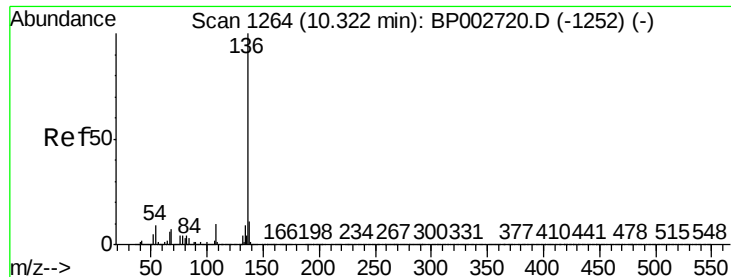
107 100

108 83.0 69.5 109.5

77 32.9 14.3 54.3

79 22.6 7.7 47.7

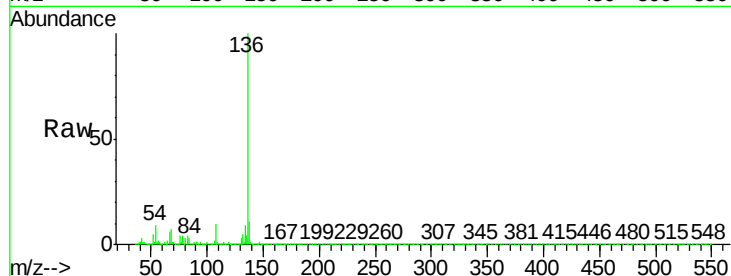




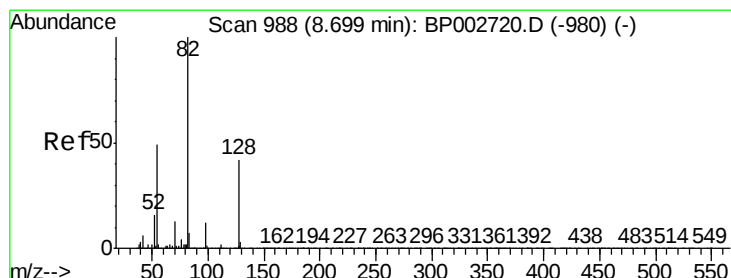
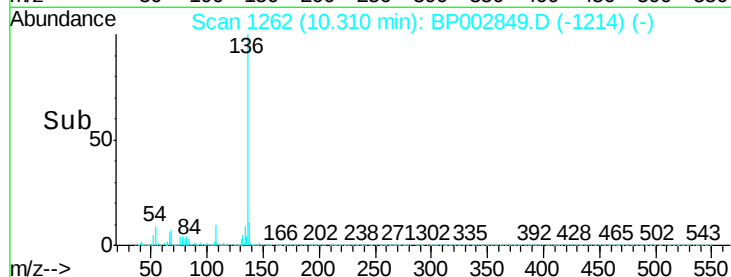
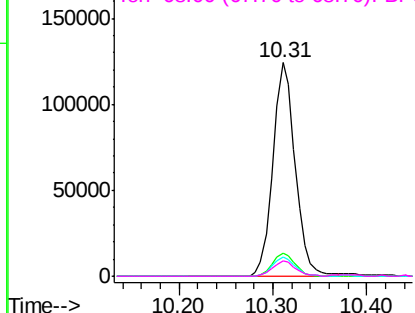
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

Tot Ion:136	Resp:	203440
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	13.0
54 8.8	6.9	10.3
68 7.0	5.7	8.5

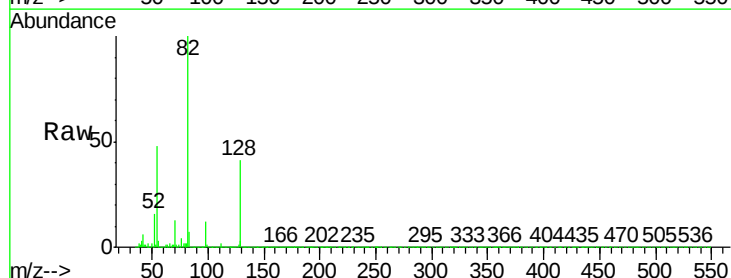


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

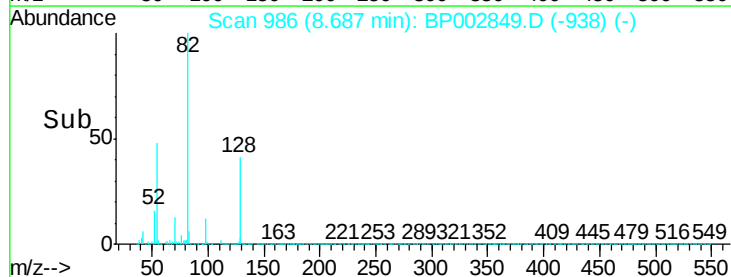
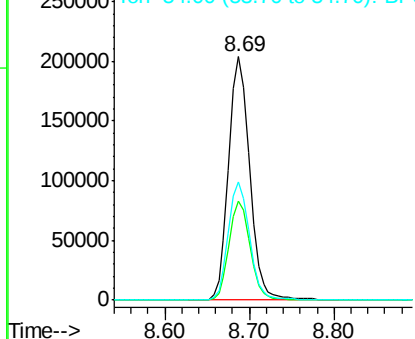


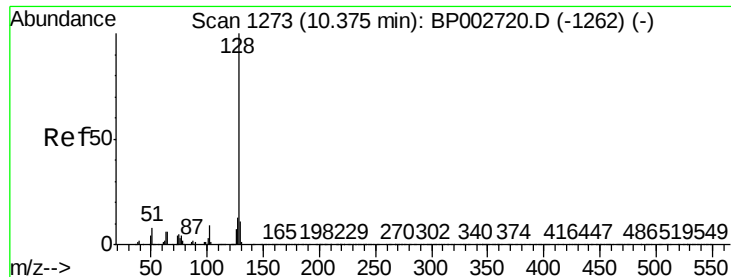
#23
Nitrobenzene-d5
Concen: 92.599 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion: 82	Resp: 352225
Ion Ratio	Lower Upper
82 100	
128 40.5	33.8 50.8
54 48.5	38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

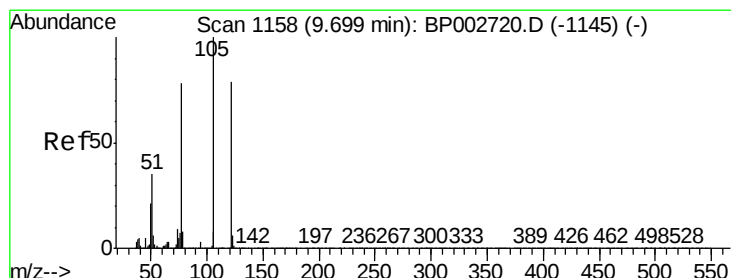
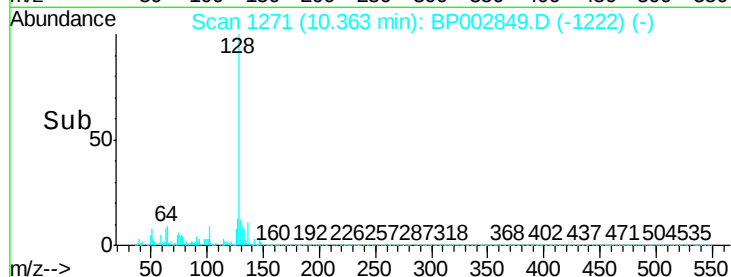
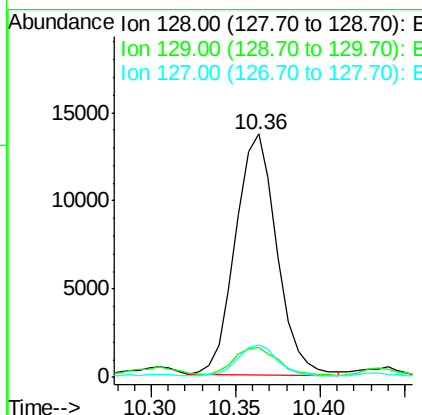
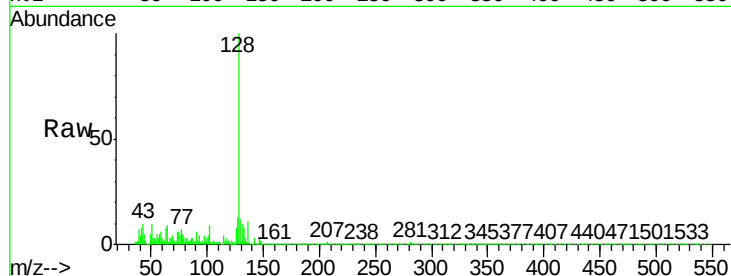




#31
Naphthalene
Concen: 2.175 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

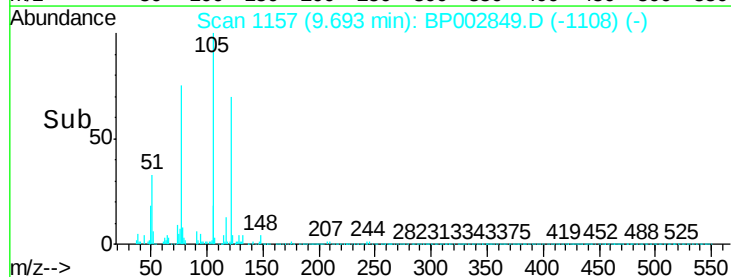
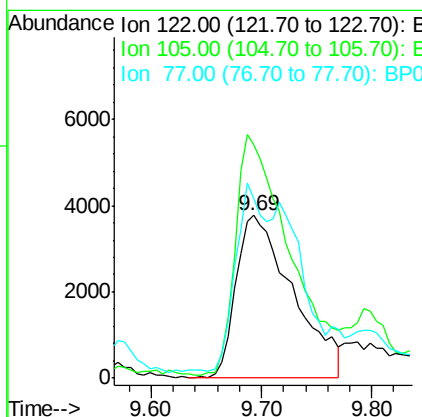
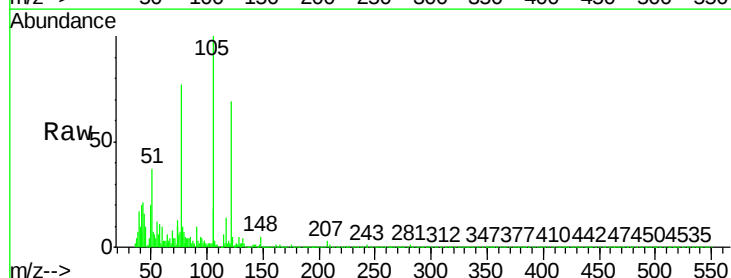
Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

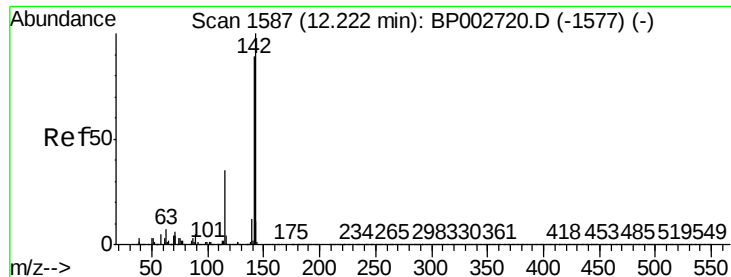
Tot Ion:128 Resp: 23361
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 12.176 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion:122 Resp: 13399
Ion Ratio Lower Upper
122 100
105 143.9 105.4 145.4
77 110.9 78.5 118.5

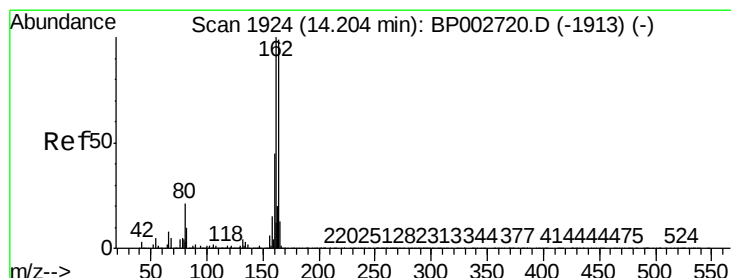
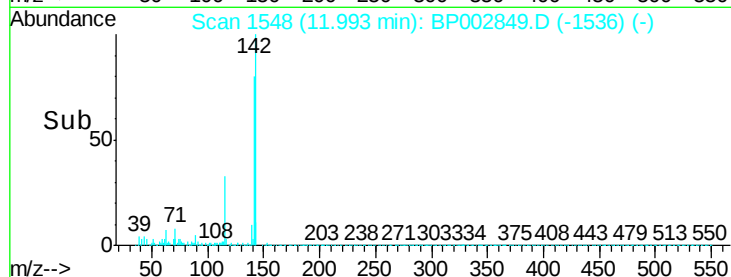
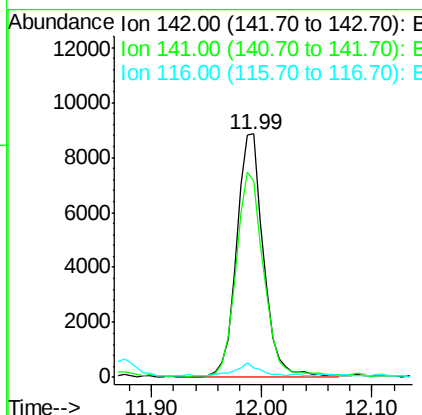
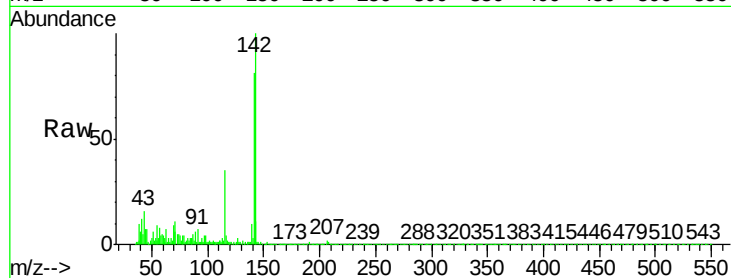




#38
 1-Methylnaphthalene
 Concen: 2.105 ng
 RT: 11.99 min Scan# 1548
 Delta R.T. -0.23 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

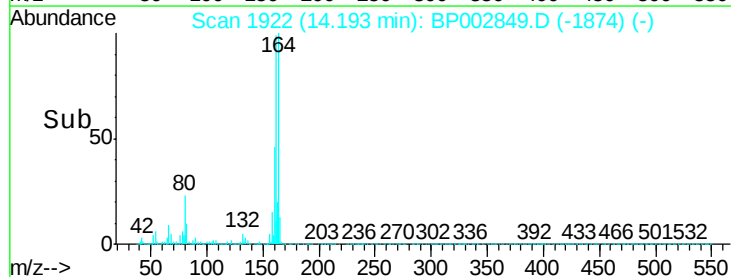
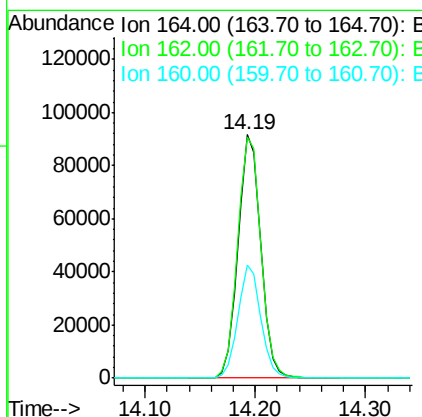
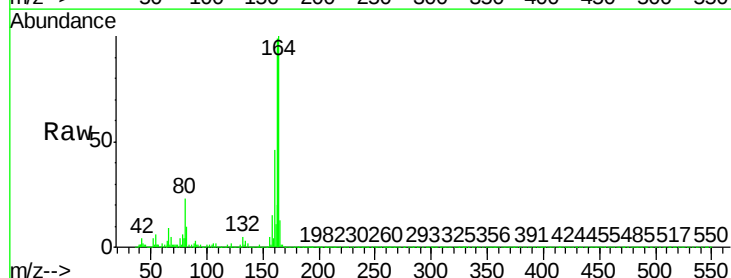
Instrument :
 BNA_P
 ClientSampleId :
 CHASSIE-WASH

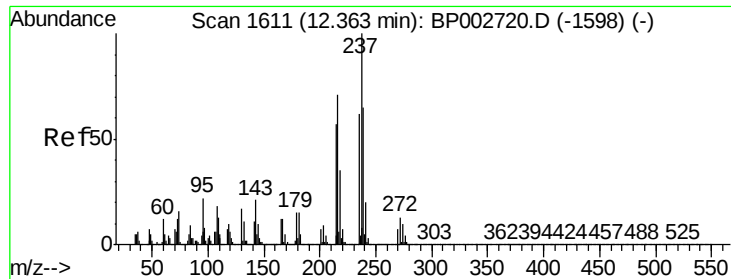
Tot Ion:142 Resp: 15090
 Ion Ratio Lower Upper
 142 100
 141 80.7 71.5 107.3
 116 3.6 2.9 4.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion:164 Resp: 132916
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.6 121.0
 160 46.2 36.4 54.6

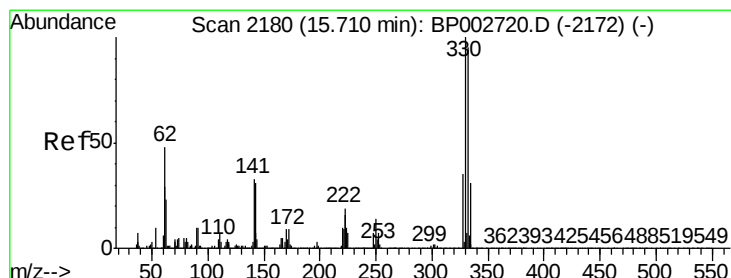
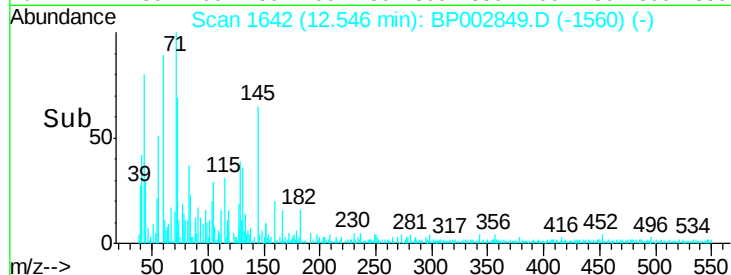
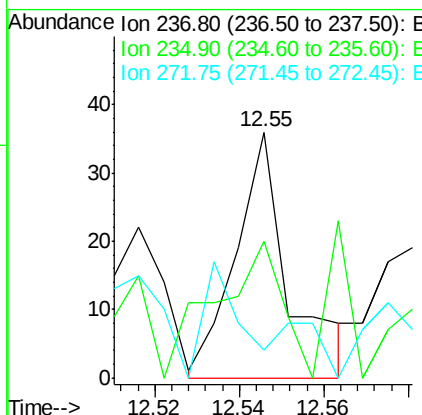
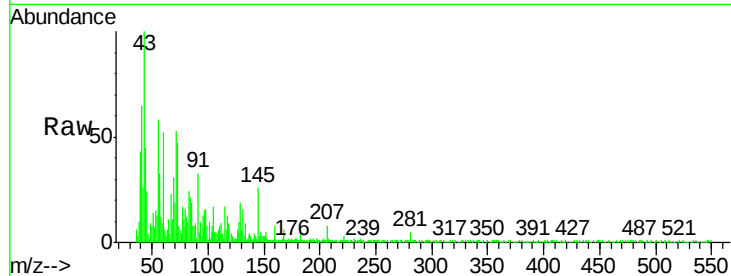




#41
Hexachlorocyclopentadiene
Concen: 7.450 ng
RT: 12.55 min Scan# 1642
Delta R.T. 0.18 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

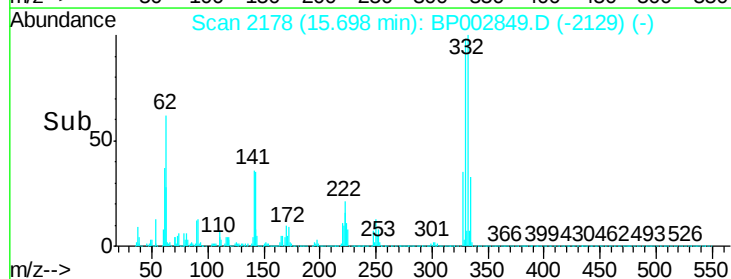
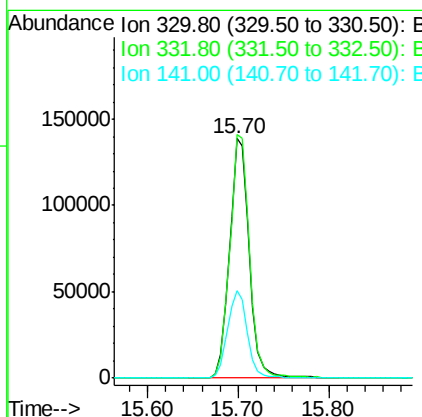
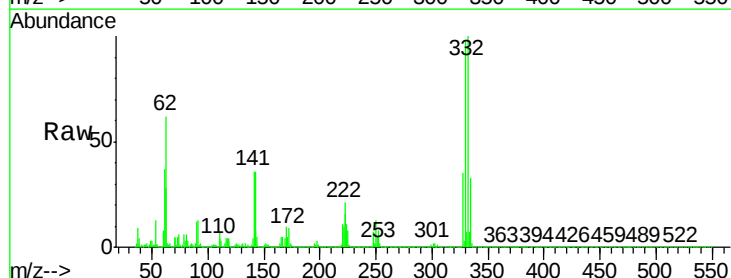
Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

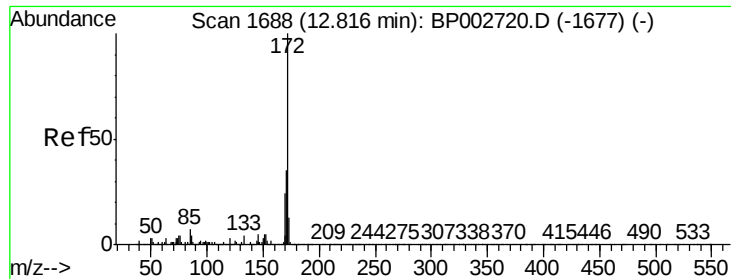
Tot Ion: 237 Resp: 31
Ion Ratio Lower Upper
237 100
235 55.6 42.3 82.3
272 11.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 151.801 ng
RT: 15.70 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion: 330 Resp: 210613
Ion Ratio Lower Upper
330 100
332 102.4 76.5 114.7
141 36.2 28.8 43.2

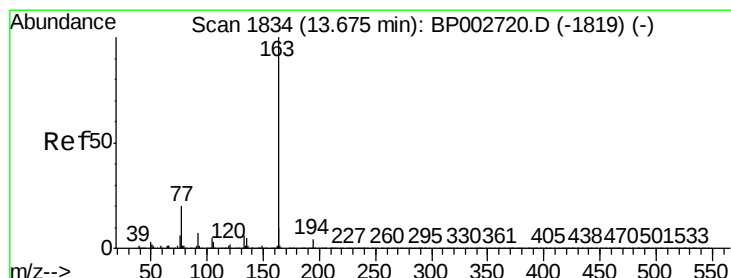
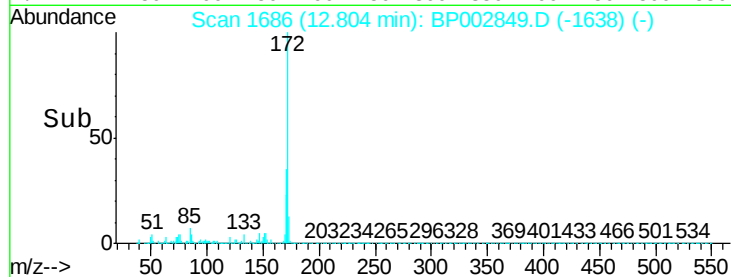
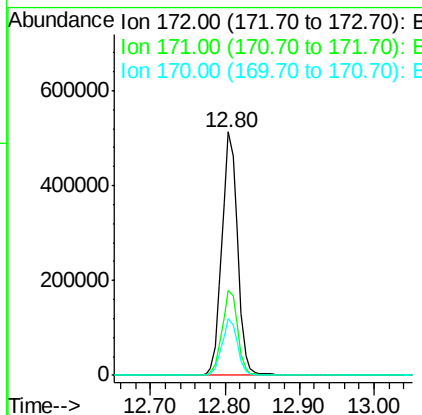
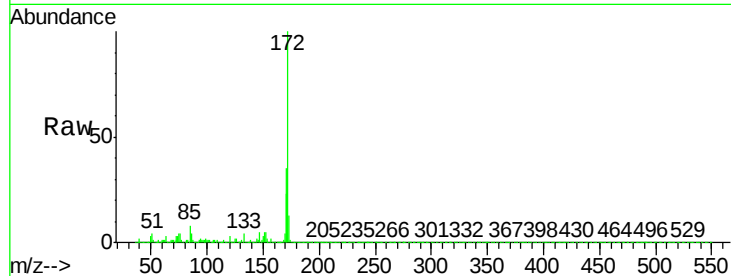




#45
2-Fluorobiphenyl
Concen: 87.806 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

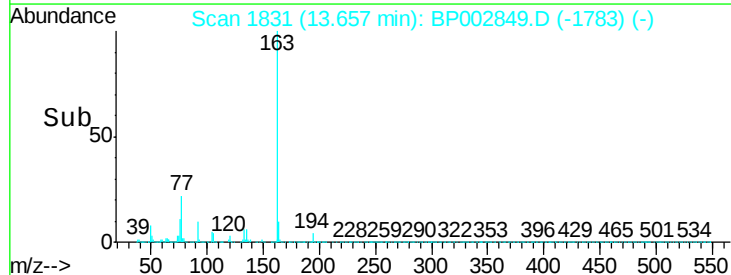
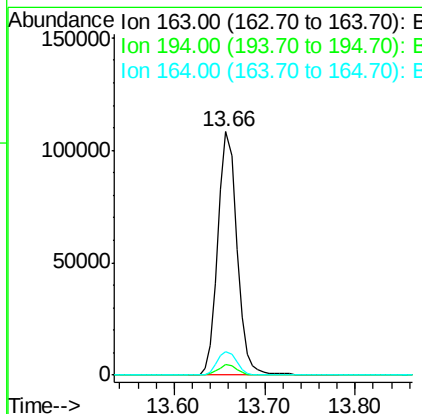
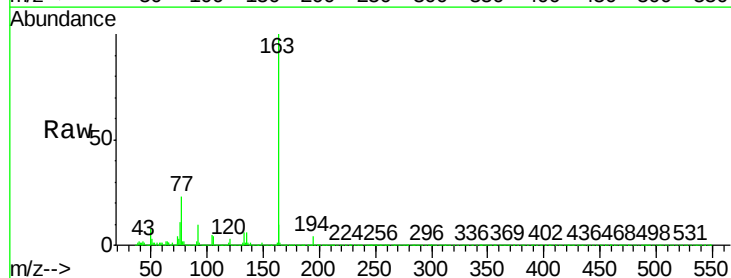
Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

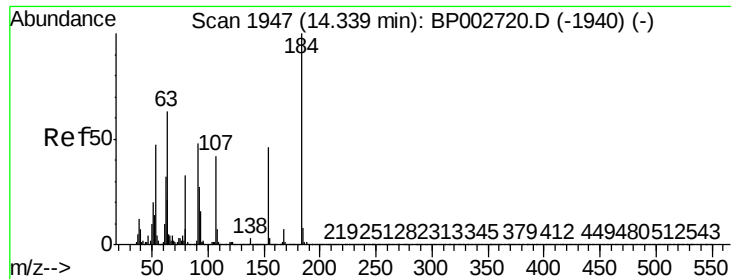
Tot Ion:172 Resp: 754427
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.3 28.9



#50
Dimethylphthalate
Concen: 15.688 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion:163 Resp: 159020
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.7 7.8 11.8

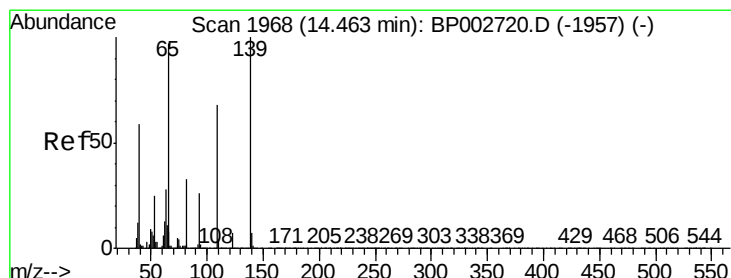
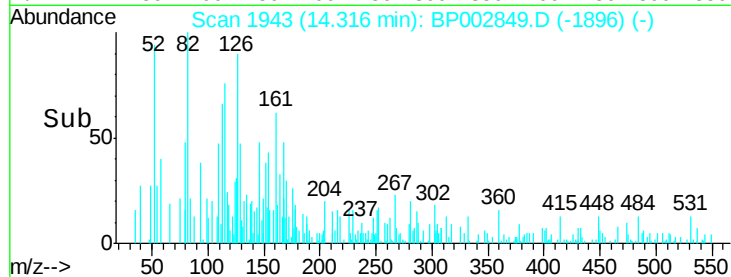
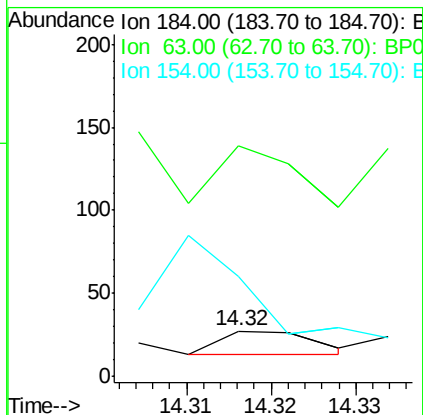
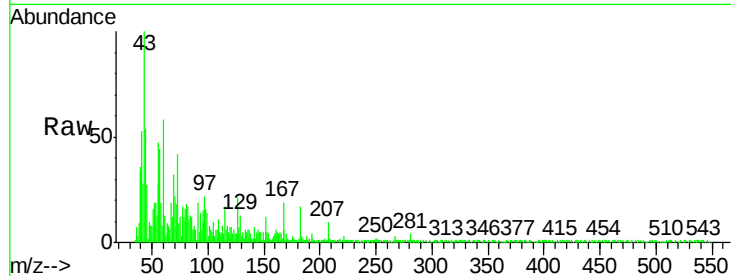




#54
2,4-Dinitrophenol
Concen: 11.382 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

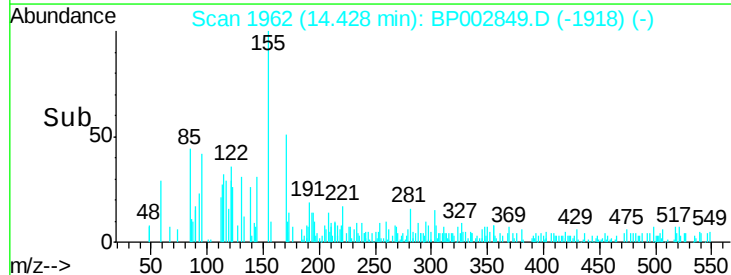
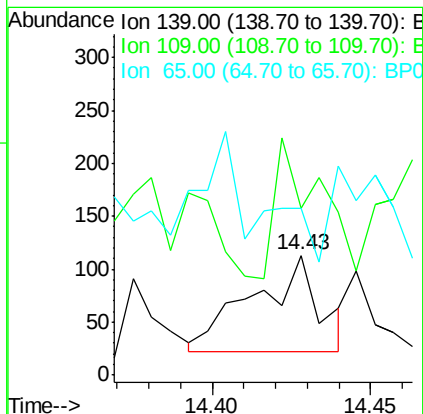
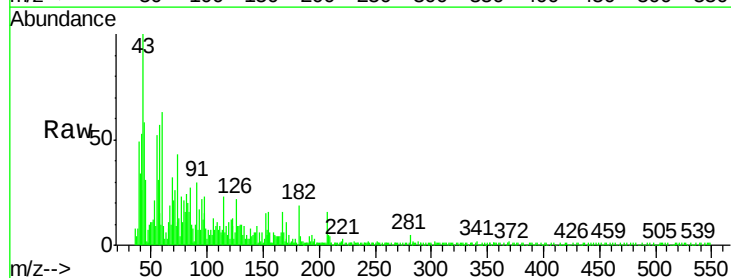
Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

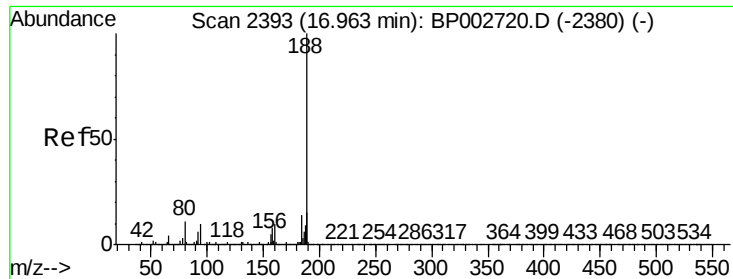
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 514.8 51.6 77.4#
154 222.2 45.0 67.6#



#56
4-Nitrophenol
Concen: 5.036 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.04 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion:139 Resp: 133
Ion Ratio Lower Upper
139 100
109 139.8 48.1 88.1#
65 139.8 77.9 117.9#

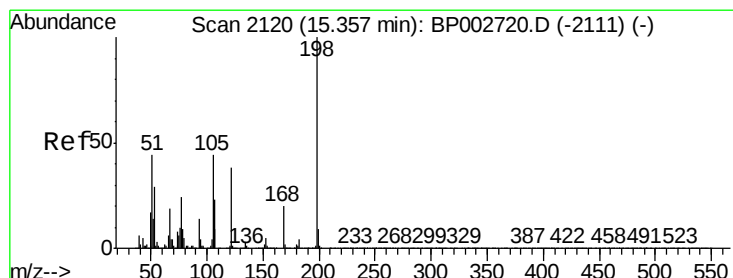
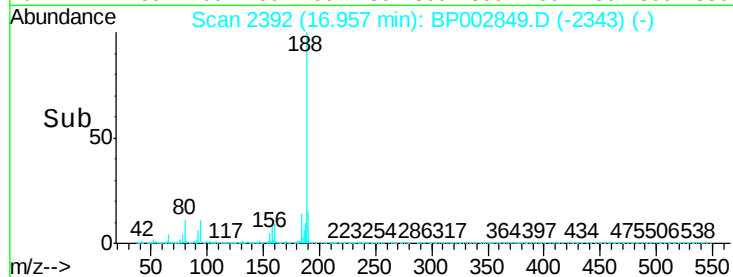
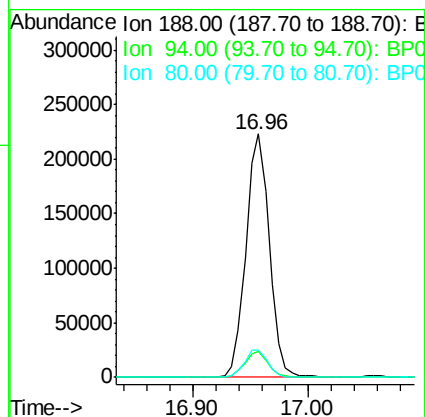
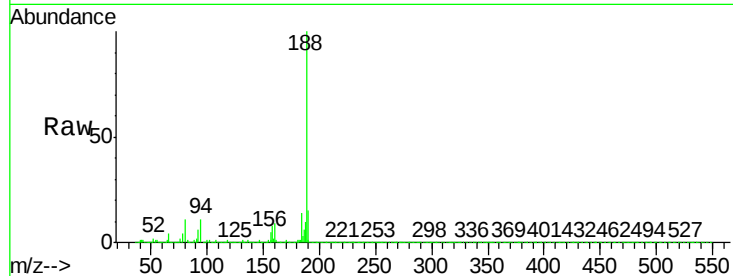




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

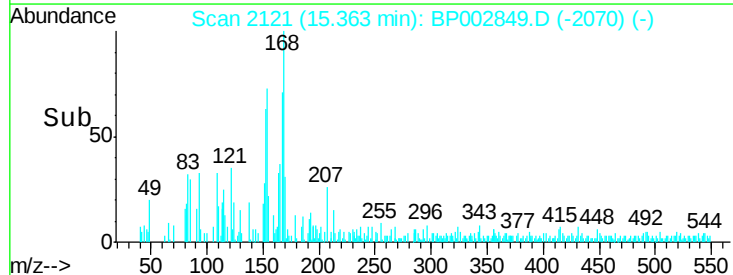
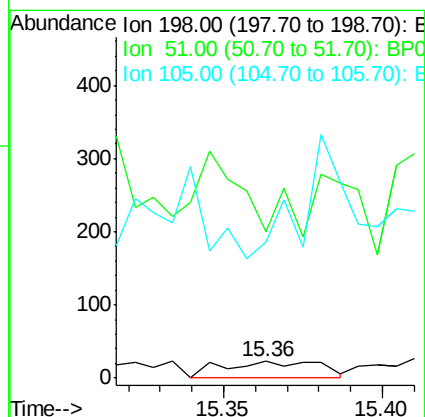
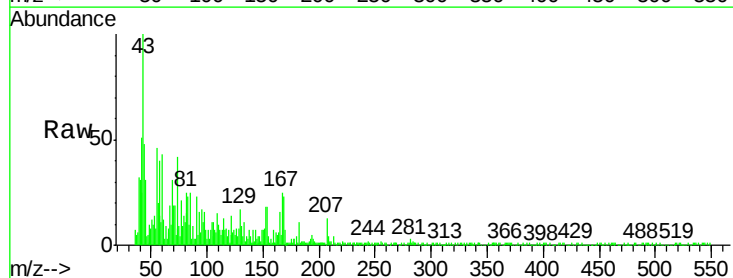
Instrument :
BNA_P
ClientSampleId :
CHASSIE-WASH

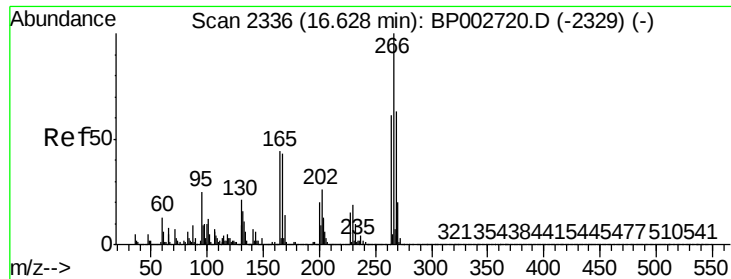
Tot Ion:188	Resp: 313525
Ion Ratio	Lower Upper
188 100	
94 10.7	8.1 12.1
80 11.2	8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.290 ng
RT: 15.36 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt	Ion:198	Resp:	49
Ion	Ratio	Lower	Upper
198	100		
51	869.6	27.1	67.1#
105	808.7	24.9	64.9#

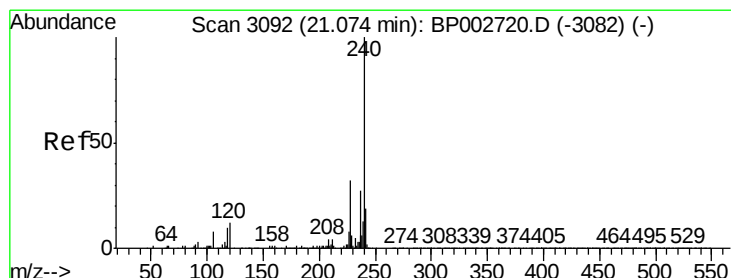
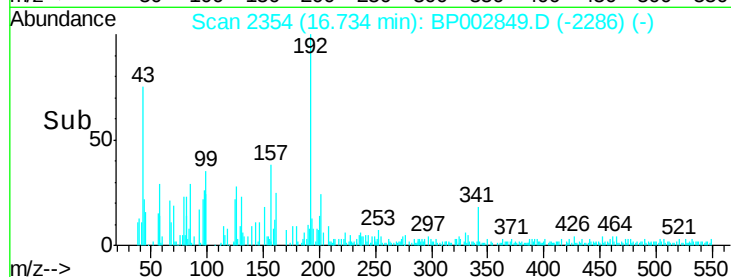
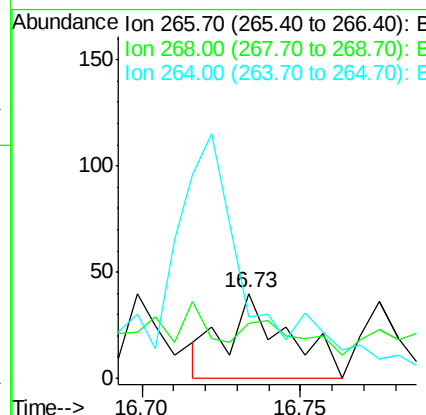
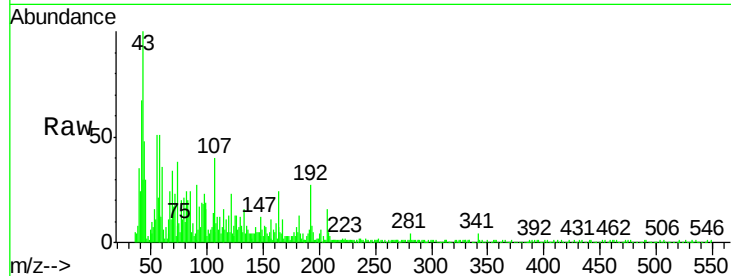




#70
 Pentachlorophenol
 Concen: 7.469 ng
 RT: 16.73 min Scan# 2354
 Delta R.T. 0.10 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

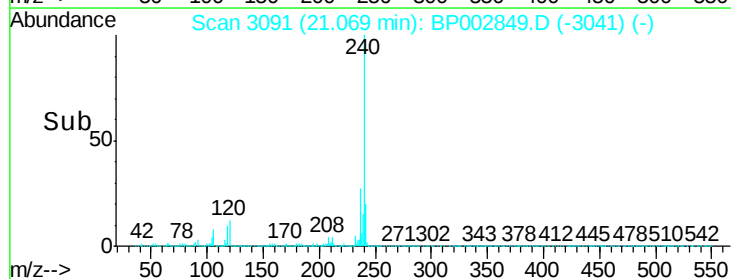
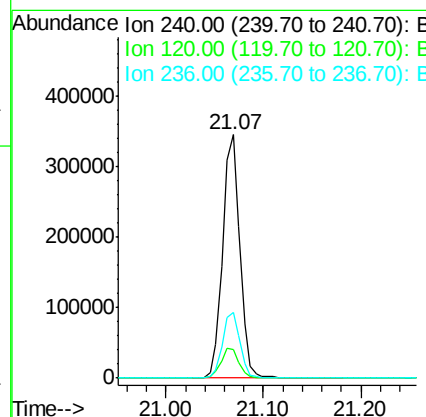
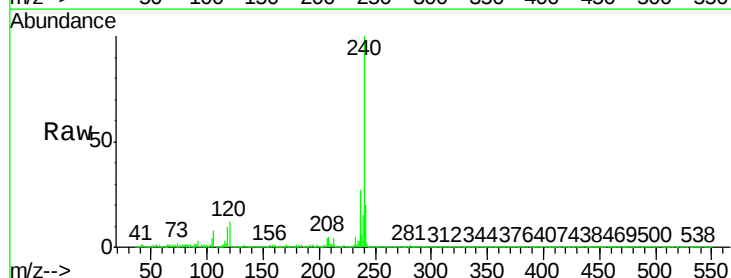
Instrument :
 BNA_P
 ClientSampleId :
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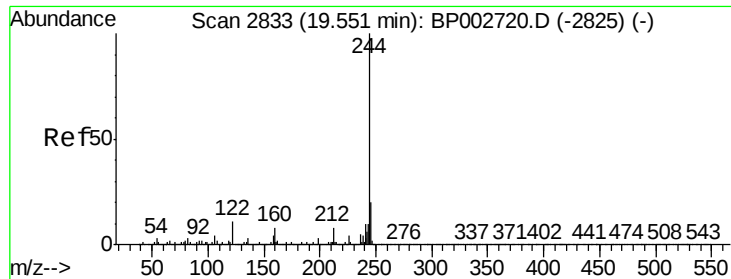
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.6	75.8
264	72.5	48.6	72.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	27.0	21.3	31.9

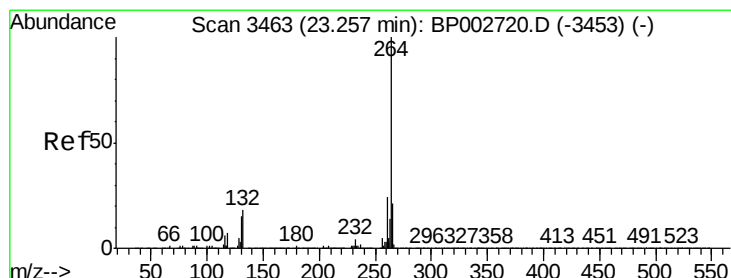
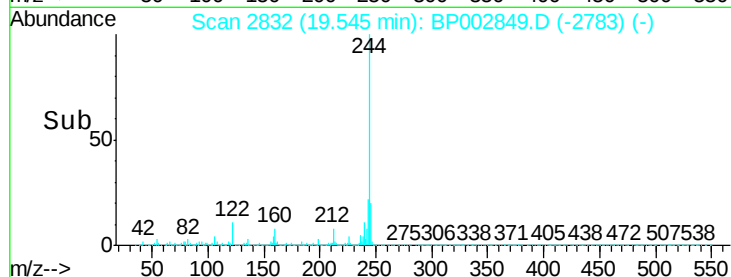
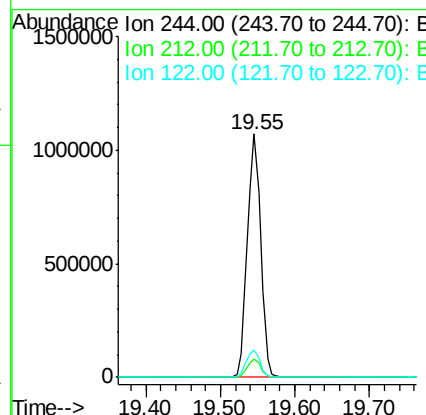
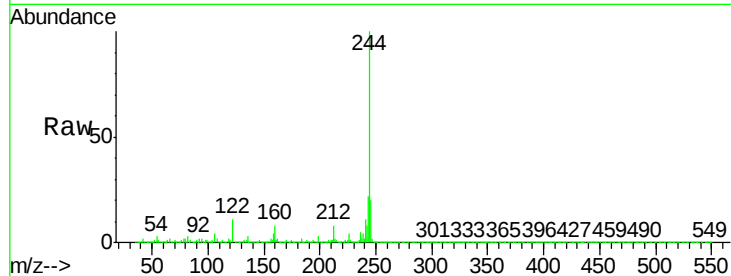




#79
 Terphenyl-d14
 Concen: 72.041 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Instrument :
 BNA_P
 ClientSampleId :
 CHASSIE-WASH

Tot Ion:244 Resp: 1324466
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.0 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.25 min Scan# 3462
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion:264 Resp: 521011
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 22.2 16.8 25.2

