

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP052920\
 Data File : BP002319.D
 Acq On : 29 May 2020 17:28
 Operator : CG/JU
 Sample : L2776-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 351MSD

Quant Time: May 29 17:58:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	279082	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1139777	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	652918	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1317856	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1151585	20.00	ng	0.00
86) Perylene-d12	23.32	264	1375882	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1493263	100.49	ng	0.00
7) Phenol-d6	6.79	99	2022669	100.06	ng	0.00
23) Nitrobenzene-d5	8.75	82	1281029	67.57	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	586650	94.80	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2555820	69.07	ng	0.00
79) Terphenyl-d14	19.59	244	3284939	69.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	255071	37.328	ng	99
3) Pyridine	3.56	79	666150	34.062	ng	99
4) n-Nitrosodimethylamine	3.48	42	305413	40.543	ng	100
6) Aniline	6.93	93	679954	24.345	ng	99
8) 2-Chlorophenol	7.18	128	722805	42.508	ng	99
9) Benzaldehyde	6.75	77	437683	38.737	ng	98
10) Phenol	6.82	94	960125	43.166	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	728582	39.346	ng	97
12) 1,3-Dichlorobenzene	7.50	146	763803	39.199	ng	98
13) 1,4-Dichlorobenzene	7.64	146	773802	39.542	ng	98
14) 1,2-Dichlorobenzene	7.95	146	735749	39.326	ng	98
15) Benzyl Alcohol	7.84	79	632030	41.149	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	990329	38.763	ng	99
17) 2-Methylphenol	8.05	107	620831	39.079	ng	99
18) Hexachloroethane	8.68	117	279581	39.920	ng	97
19) n-Nitroso-di-n-propylamine	8.41	70	533444	39.796	ng	99
20) 3+4-Methylphenols	8.38	107	829947	38.445	ng	97
22) Acetophenone	8.42	105	1024924	39.385	ng	99
24) Nitrobenzene	8.79	77	815498	39.460	ng	100
25) Isophorone	9.32	82	1506022	38.680	ng	99
26) 2-Nitrophenol	9.50	139	379541	43.106	ng	98
27) 2,4-Dimethylphenol	9.58	122	660465	45.558	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	943142	39.808	ng	100
29) 2,4-Dichlorophenol	10.03	162	665850	41.679	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	703141	39.085	ng	99
31) Naphthalene	10.43	128	2213161	41.404	ng	100
32) Benzoic acid	9.72	122	473608	42.669	ng	98
33) 4-Chloroaniline	10.53	127	236986	10.094	ng	99
34) Hexachlorobutadiene	10.73	225	388697	37.046	ng	99
35) Caprolactam	11.29	113	220194	39.793	ng	99
36) 4-Chloro-3-methylphenol	11.68	107	696844	40.502	ng	99
37) 2-Methylnaphthalene	12.05	142	1712963	45.704	ng	100
38) 1-Methylnaphthalene	12.27	142	1555091	43.709	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	700699	40.384	ng	99

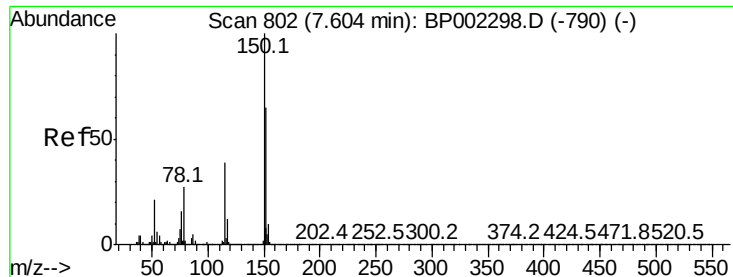
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP052920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	789688	85.603	nq	100
43) 2,4,6-Trichlorophenol	12.67	196	501112	41.711	nq	97
44) 2,4,5-Trichlorophenol	12.74	196	530121	38.024	nq	95
46) 1,1'-Biphenyl	13.08	154	1949369	45.562	nq	99
47) 2-Chloronaphthalene	13.12	162	1388114	39.324	nq	99
48) 2-Nitroaniline	13.32	65	438605	40.407	nq	96
49) Acenaphthylene	13.97	152	2311528	41.327	nq	99
50) Dimethylphthalate	13.72	163	2239047	50.663	nq	99
51) 2,6-Dinitrotoluene	13.83	165	378391	39.452	nq	95
52) Acenaphthene	14.32	154	1926454	53.538	nq	100
53) 3-Nitroaniline	14.15	138	171196	15.600	nq	98
54) 2,4-Dinitrophenol	14.36	184	393166	81.125	nq	98
55) Dibenzofuran	14.65	168	2479767	46.608	nq	100
56) 4-Nitrophenol	14.47	139	698988	80.592	nq	99
57) 2,4-Dinitrotoluene	14.62	165	500486	38.823	nq	# 99
58) Fluorene	15.30	166	1924779	48.778	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	452015	40.707	nq	99
60) Diethylphthalate	15.10	149	1654108	37.848	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	733409	35.221	nq	99
62) 4-Nitroaniline	15.32	138	341234	33.592	nq	97
63) Azobenzene	15.60	77	1745314	38.944	nq	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	268709	41.232	nq	99
66) n-Nitrosodiphenylamine	15.52	169	1408966	40.718	nq	99
67) 4-Bromophenyl-phenylether	16.20	248	490412	37.866	nq	100
68) Hexachlorobenzene	16.32	284	534653	39.074	nq	98
69) Atrazine	16.49	200	449592	40.728	nq	98
70) Pentachlorophenol	16.66	266	668092	80.039	nq	98
71) Phenanthrene	17.05	178	4048958	64.863	nq	100
72) Anthracene	17.14	178	2763107	44.985	nq	100
73) Carbazole	17.41	167	2437715	40.586	nq	100
74) Di-n-butylphthalate	18.00	149	2803699	41.029	nq	99
75) Fluoranthene	19.03	202	4682524	65.127	nq	98
77) Benzidine	19.22	184	1563955	66.876	nq	99
78) Pyrene	19.39	202	4189858	58.429	nq	98
80) Butylbenzylphthalate	20.28	149	1230281	43.092	nq	92
81) Benzo(a)anthracene	21.10	228	3033468	46.017	nq	99
82) 3,3'-Dichlorobenzidine	21.03	252	710027	30.743	nq	99
83) Chrysene	21.15	228	2886838	45.631	nq	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1841444	42.209	nq	98
85) Di-n-octyl phthalate	21.92	149	3227776	44.515	nq	99
87) Indeno(1,2,3-cd)pyrene	25.54	276	3671933	43.117	nq	# 95
88) Benzo(b)fluoranthene	22.70	252	2942464	39.226	nq	98
89) Benzo(k)fluoranthene	22.70	252	2942464	40.877	nq	98
90) Benzo(a)pyrene	23.22	252	2872963	41.288	nq	98
91) Dibenzo(a,h)anthracene	25.56	278	3010758	43.360	nq	# 95
92) Benzo(g,h,i)perylene	26.22	276	3134573	44.256	nq	# 94

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

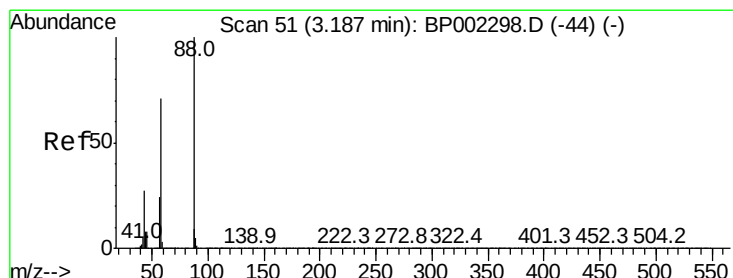
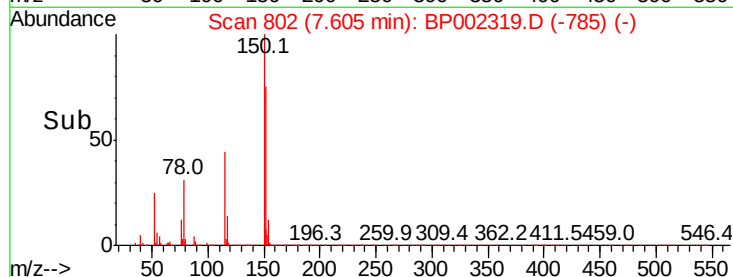
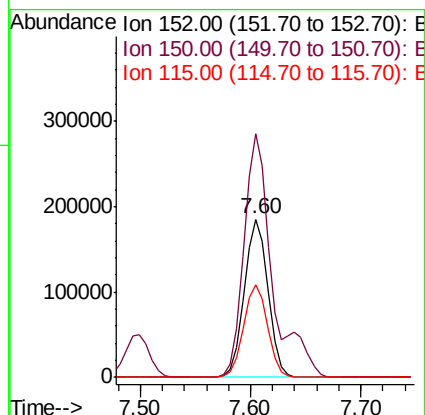
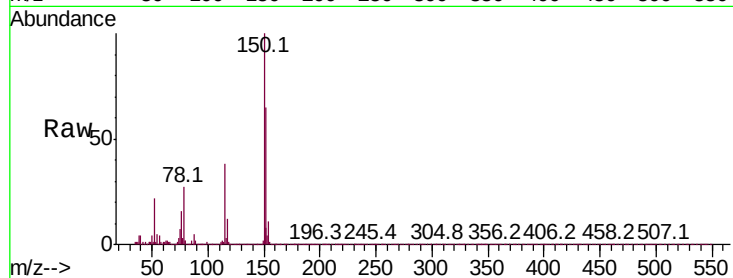


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Instrument :
BNA_P
ClientSampleId :
351MSD

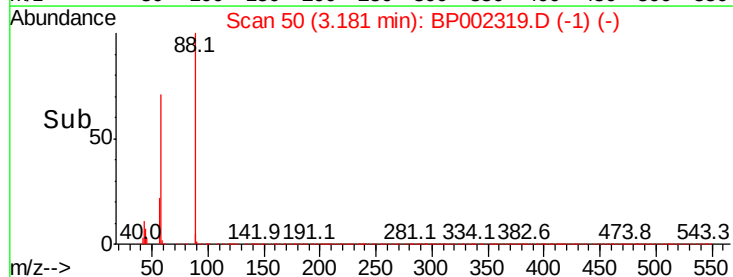
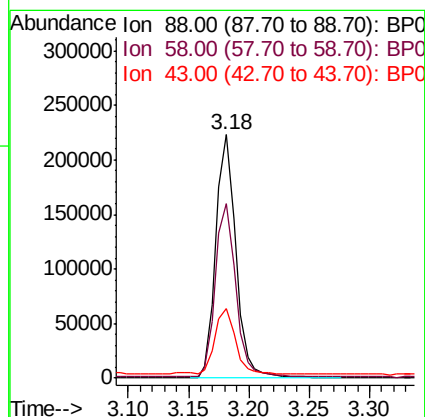
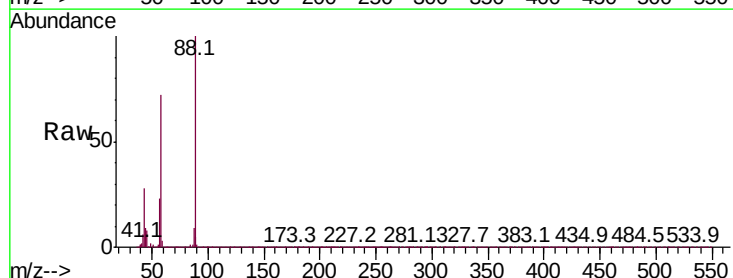
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	58.4	49.4	74.2

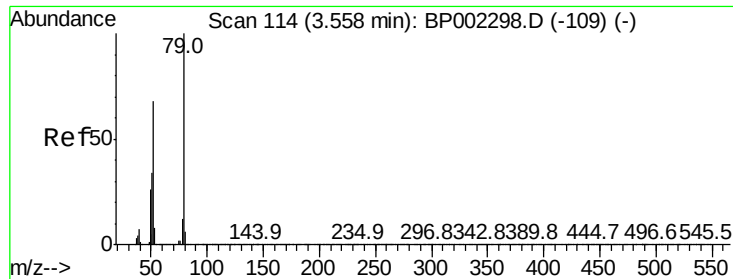


#2

1,4-Dioxane
Concen: 37.328 ng
RT: 3.18 min Scan# 50
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	57.3	85.9
43	27.8	21.6	32.4





#3

Pvridine

Concen: 34.062 ng

RT: 3.56 min Scan# 114

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

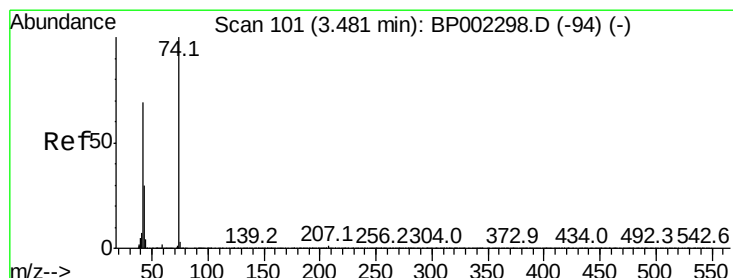
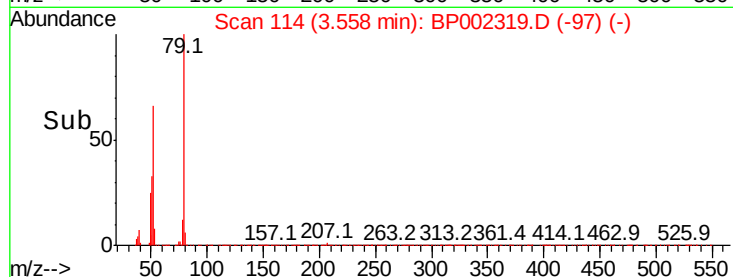
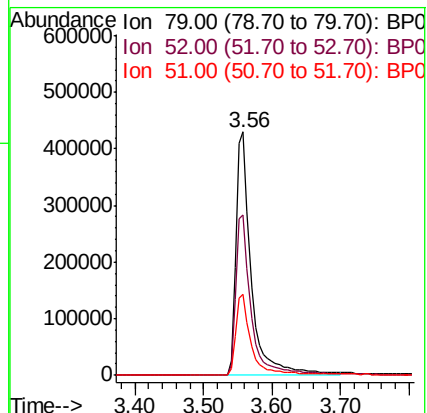
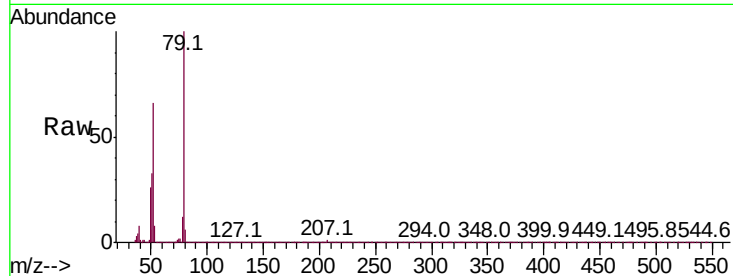
Tot Ion: 79 Resp: 666150

Ion	Ratio	Lower	Upper
79	100		
52	66.1	53.4	80.2
51	33.2	27.0	40.6

79 100

52 66.1 53.4 80.2

51 33.2 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 40.543 ng

RT: 3.48 min Scan# 100

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

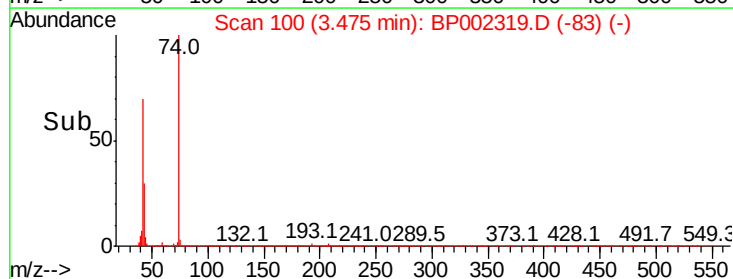
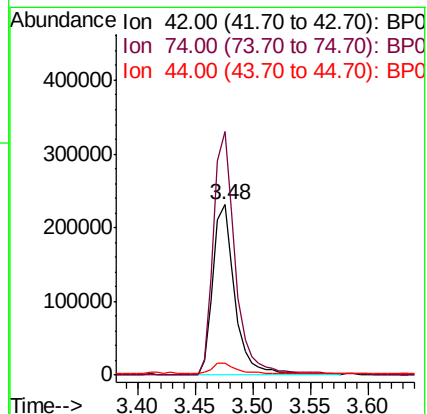
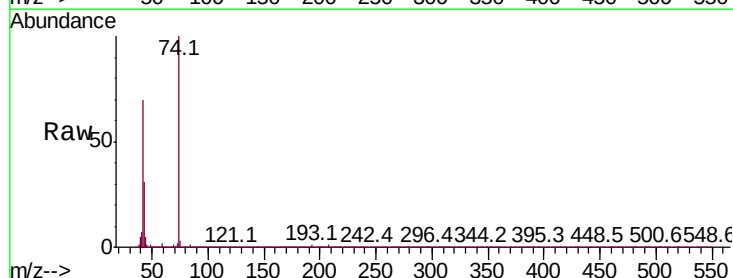
Tgt Ion: 42 Resp: 305413

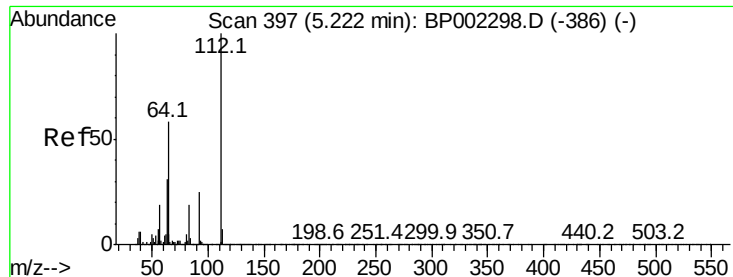
Ion	Ratio	Lower	Upper
42	100		
74	143.0	114.6	171.8
44	7.3	6.2	9.2

42 100

74 143.0 114.6 171.8

44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 100.492 ng

RT: 5.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

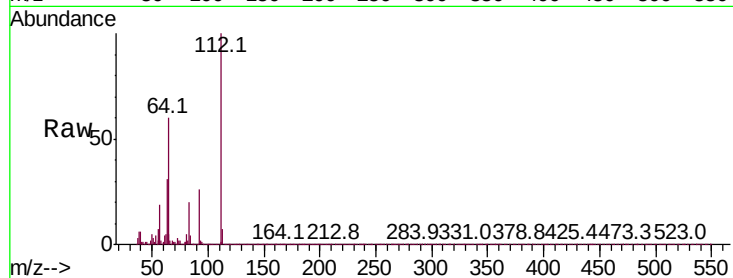
Tot Ion:112 Resp: 1493263

Ion Ratio Lower Upper

112 100

64 59.8 47.0 70.4

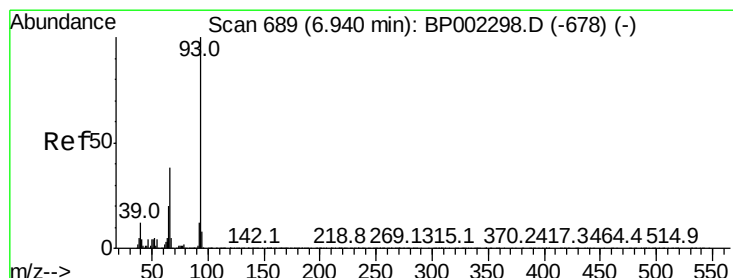
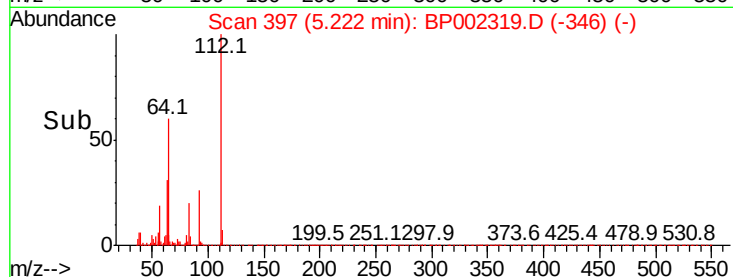
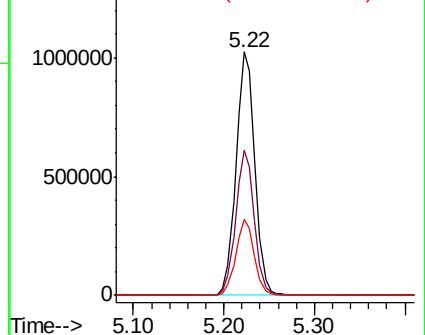
63 31.1 24.0 36.0



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: 24.345 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

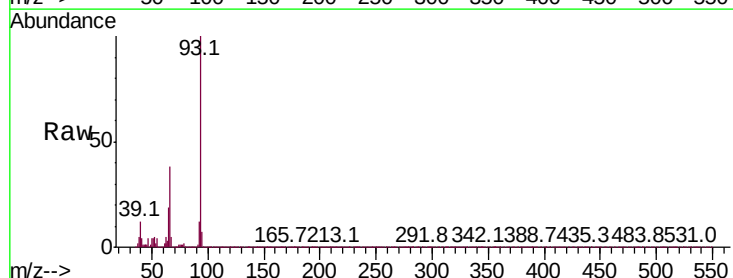
Tgt Ion: 93 Resp: 679954

Ion Ratio Lower Upper

93 100

66 37.9 31.0 46.6

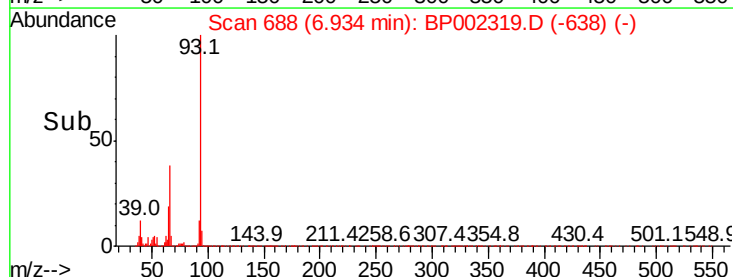
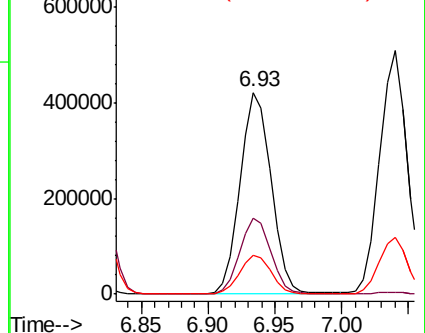
65 19.5 15.7 23.5

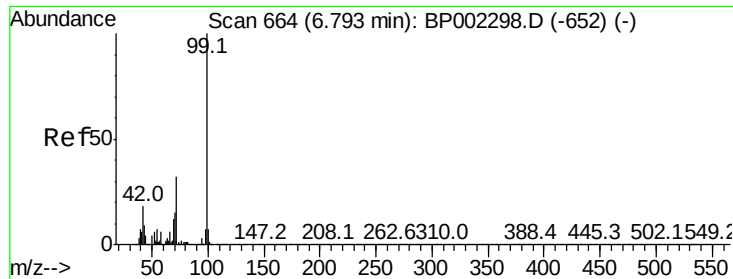


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 100.063 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

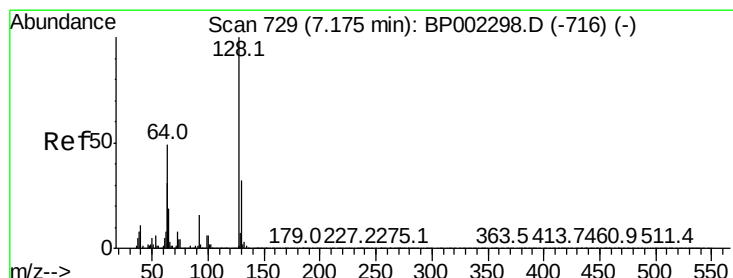
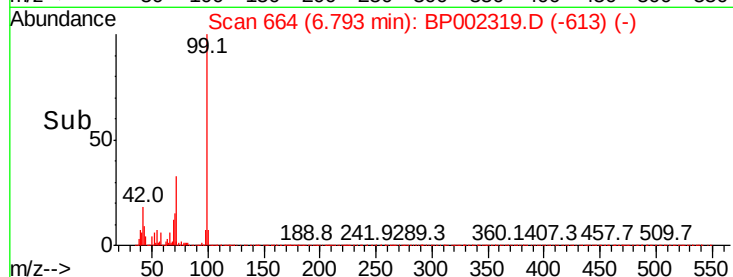
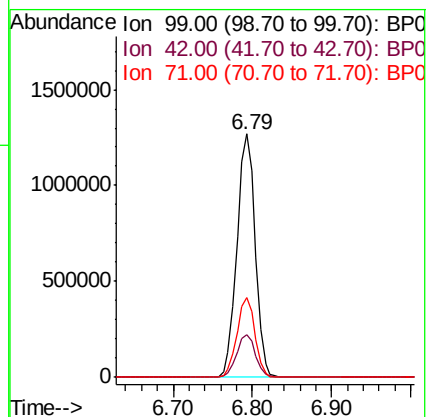
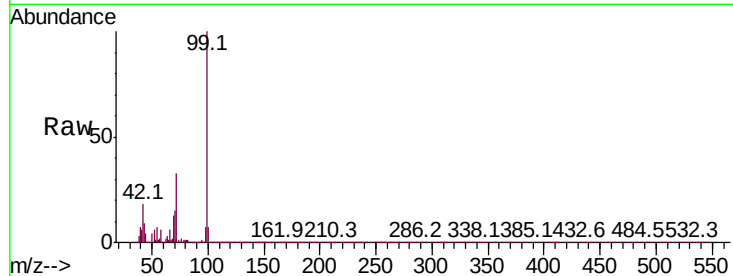
BNA_P

ClientSampleId :

351MSD

Tot Ion: 99 Resp: 2022669

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.9	20.9
71	32.9	25.8	38.8



#8

2-Chlorophenol

Concen: 42.508 ng

RT: 7.18 min Scan# 729

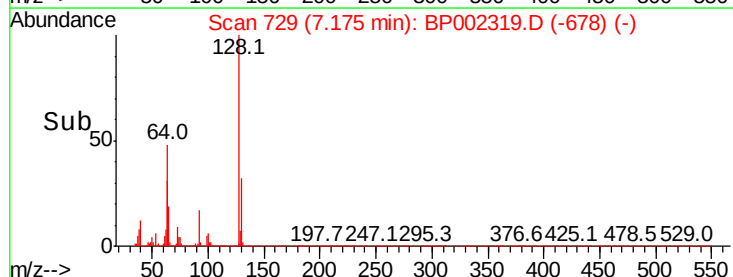
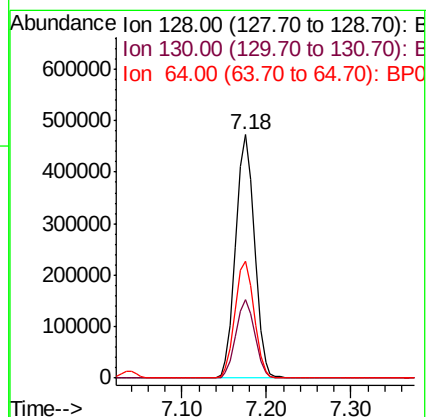
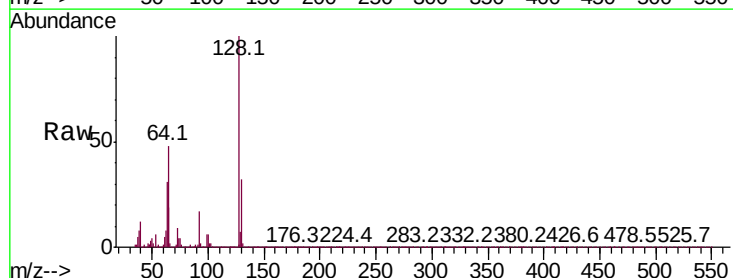
Delta R.T. -0.00 min

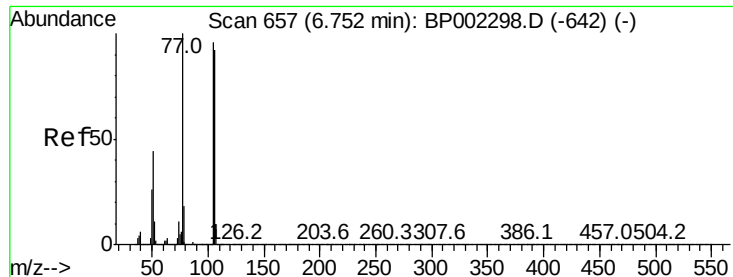
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion: 128 Resp: 722805

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	48.2	28.8	68.8





#9

Benzaldehyde

Concen: 38.737 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

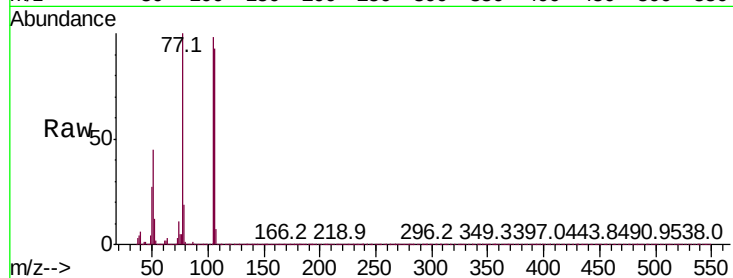
Tot Ion: 77 Resp: 437683

Ion Ratio Lower Upper

77 100

105 97.7 77.5 117.5

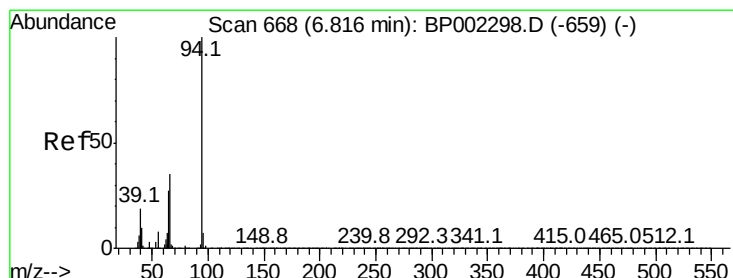
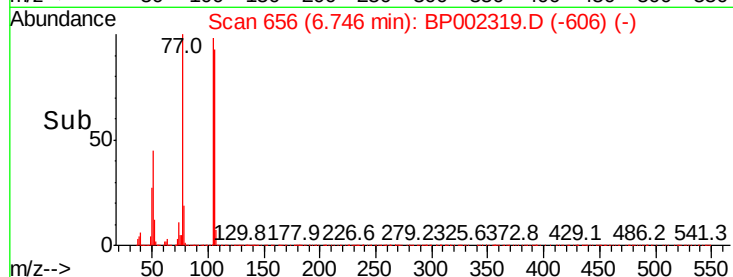
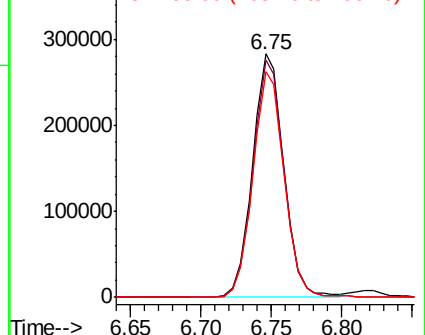
106 92.7 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.166 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

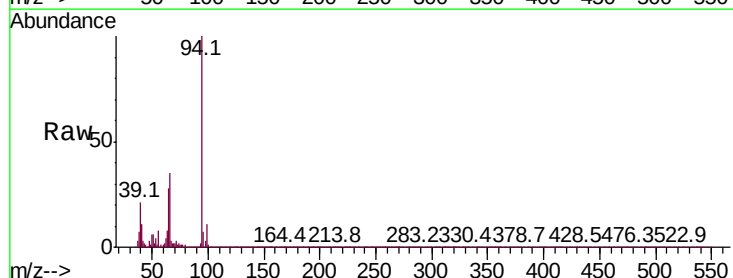
Tgt Ion: 94 Resp: 960125

Ion Ratio Lower Upper

94 100

65 27.6 7.2 47.2

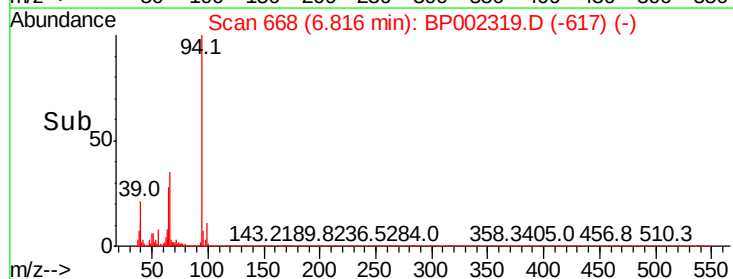
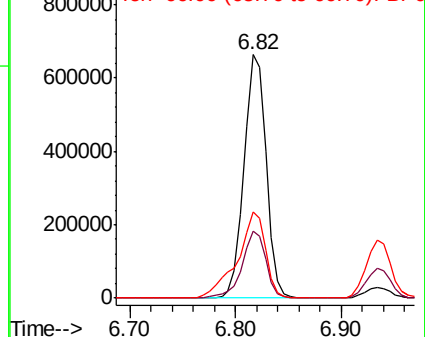
66 35.3 16.2 56.2

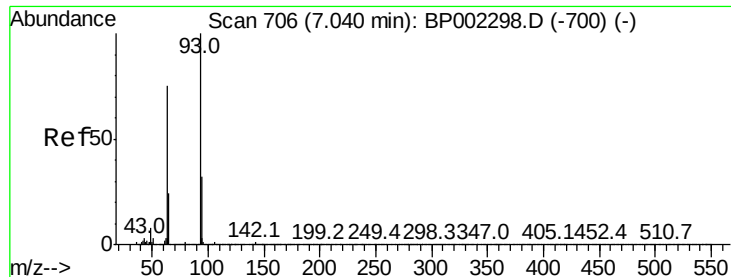


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 39.346 ng

RT: 7.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

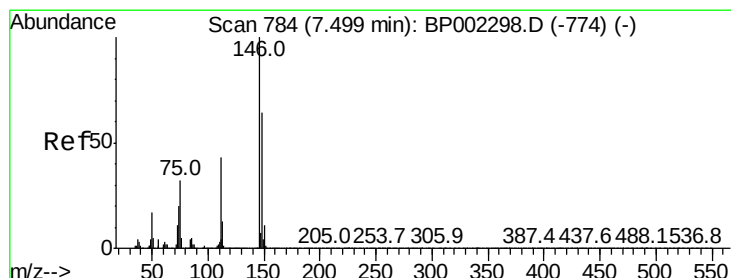
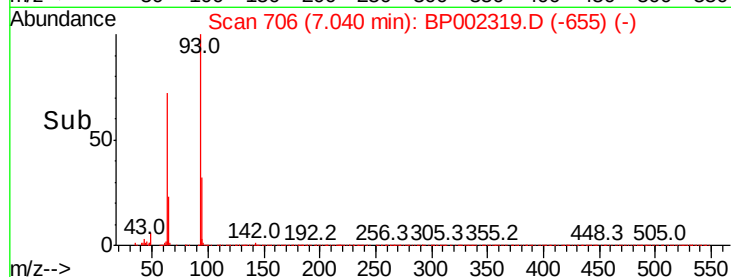
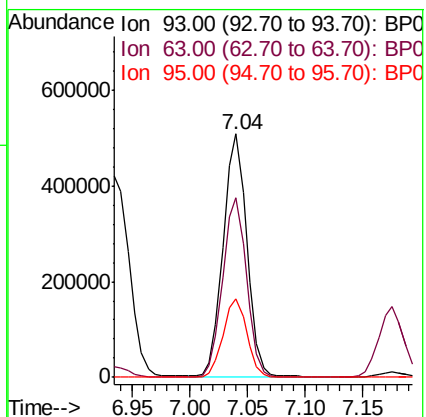
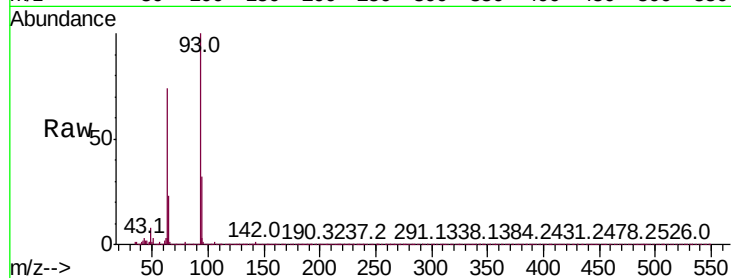
Tot Ion: 93 Resp: 728582

Ion Ratio Lower Upper

93 100

63 73.7 56.7 96.7

95 32.2 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.199 ng

RT: 7.50 min Scan# 784

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

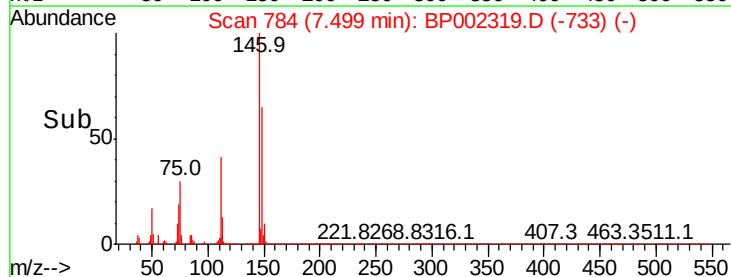
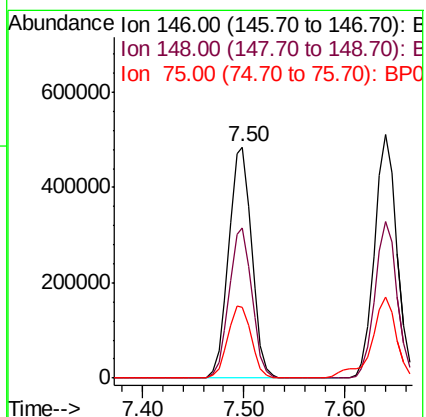
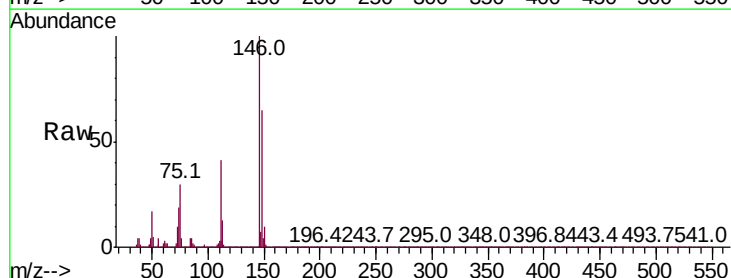
Tgt Ion: 146 Resp: 763803

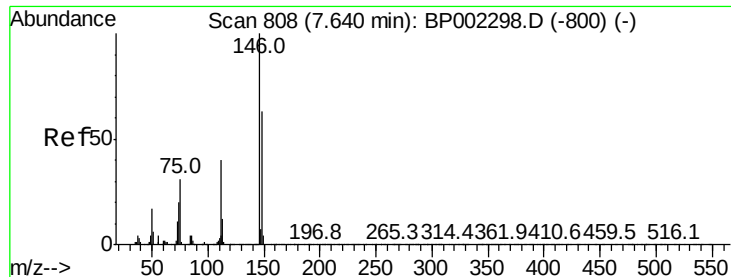
Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

75 30.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 39.542 ng

RT: 7.64 min Scan# 808

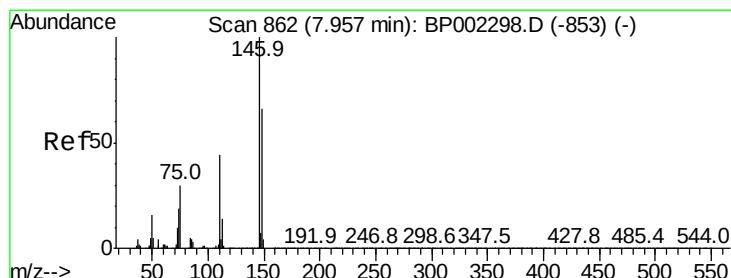
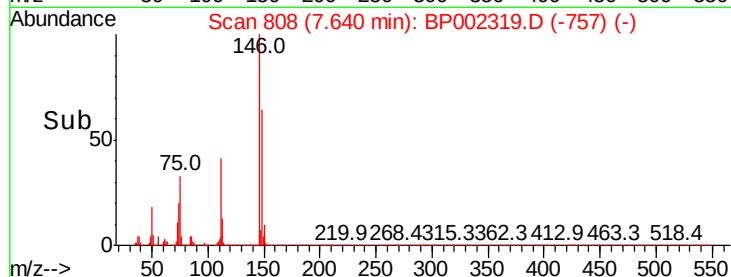
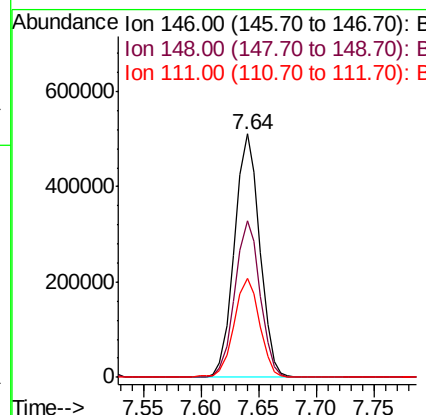
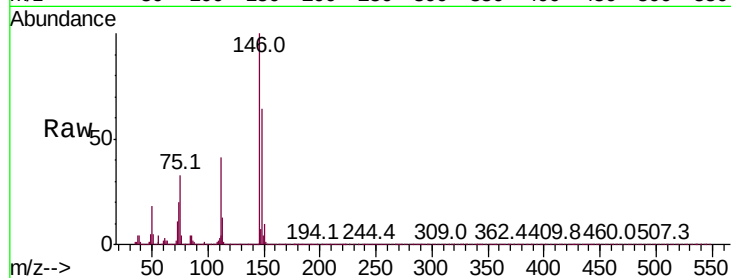
Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :
BNA_P
ClientSampleId :
351MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.5	74.3
111	40.6	32.6	48.8



#14

1,2-Dichlorobenzene

Concen: 39.326 ng

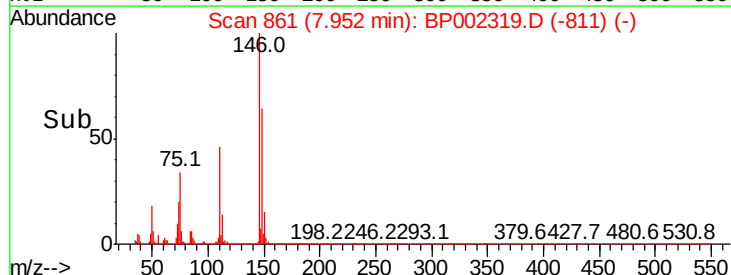
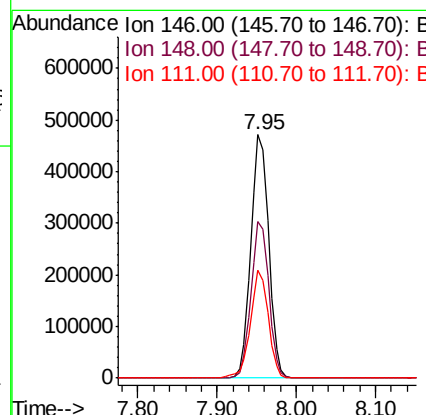
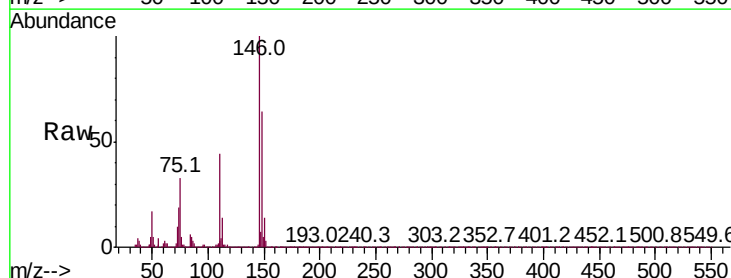
RT: 7.95 min Scan# 861

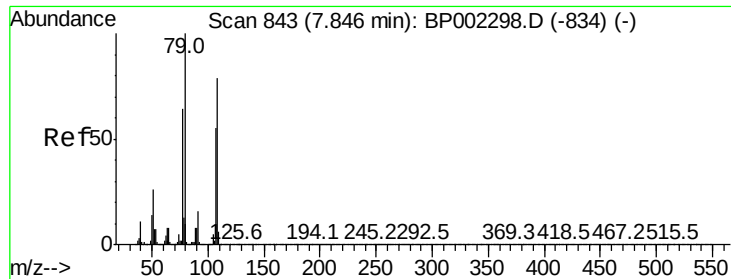
Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	44.1	32.8	49.2

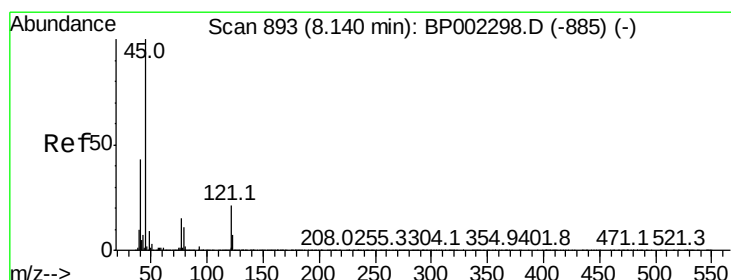
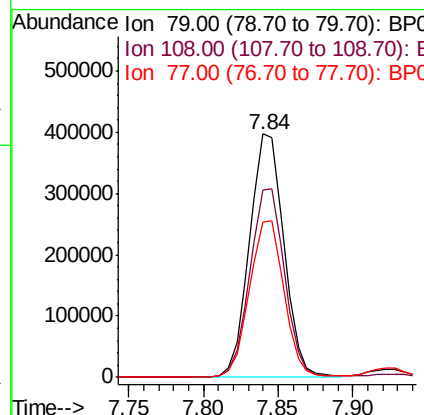
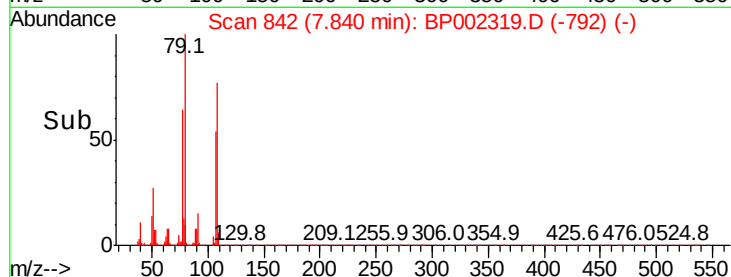
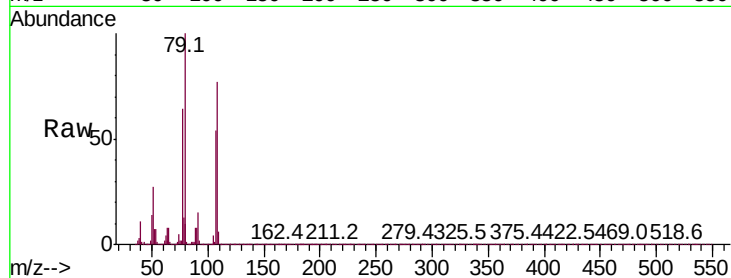




#15
Benzyl Alcohol
Concen: 41.149 ng
RT: 7.84 min Scan# 842
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

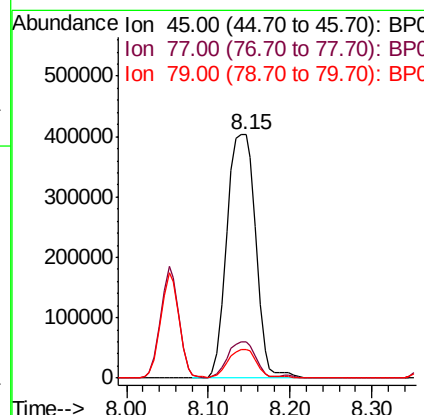
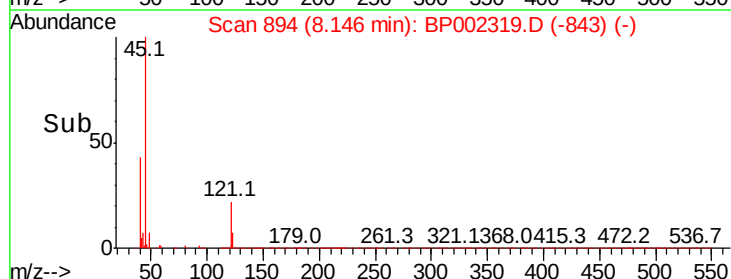
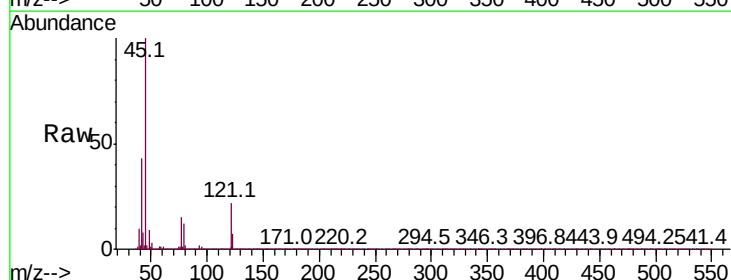
Instrument :
BNA_P
ClientSampleId :
351MSD

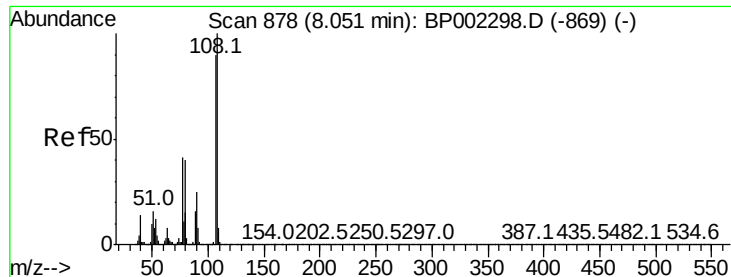
Tot Ion: 79 Resp: 632030
Ion Ratio Lower Upper
79 100
108 76.7 62.4 93.6
77 63.9 52.1 78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.763 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion: 45 Resp: 990329
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.7
79 11.9 0.0 31.1





#17

2-Methylphenol

Concen: 39.079 ng

RT: 8.05 min Scan# 878

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

Tot Ion:107 Resp: 620831

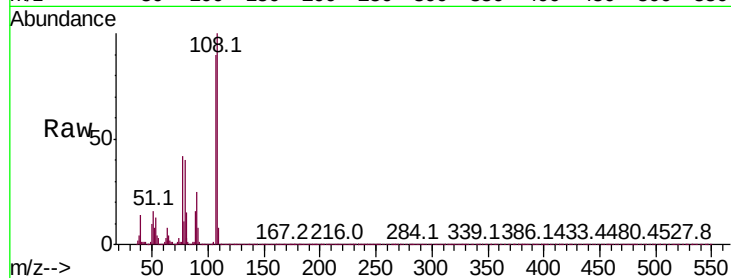
Ion Ratio Lower Upper

107 100

108 111.6 89.0 133.4

77 46.9 37.0 55.4

79 44.3 34.8 52.2

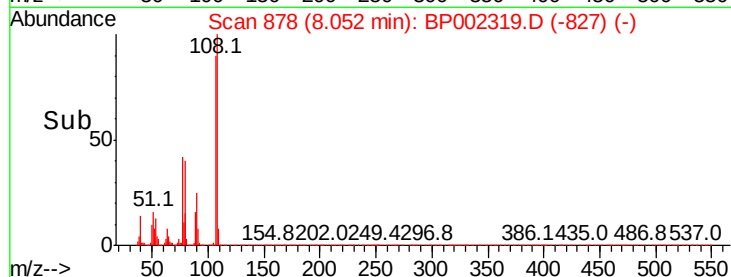


Abundance Ion 107.00 (106.70 to 107.70): E

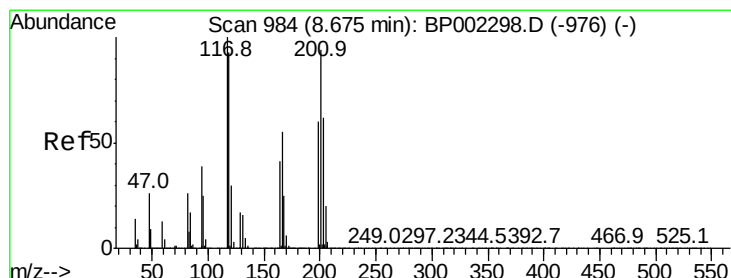
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time-->



#18

Hexachloroethane

Concen: 39.920 ng

RT: 8.68 min Scan# 984

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

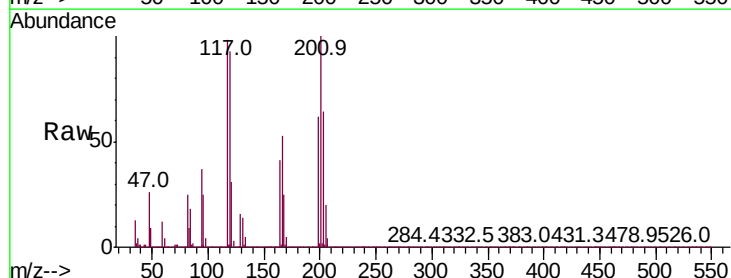
Tgt Ion:117 Resp: 279581

Ion Ratio Lower Upper

117 100

119 95.0 76.0 114.0

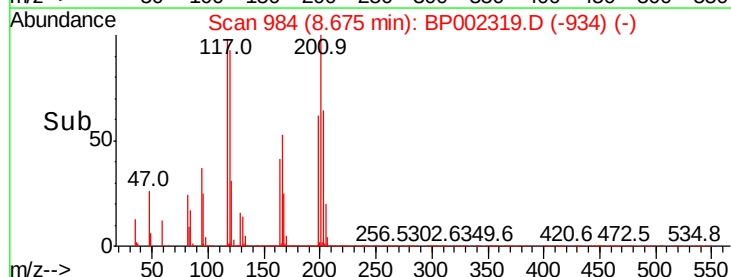
201 101.8 76.0 114.0



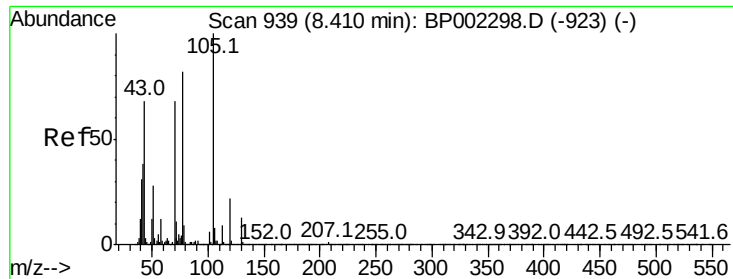
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



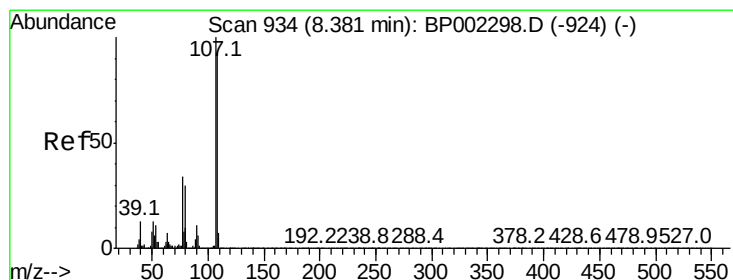
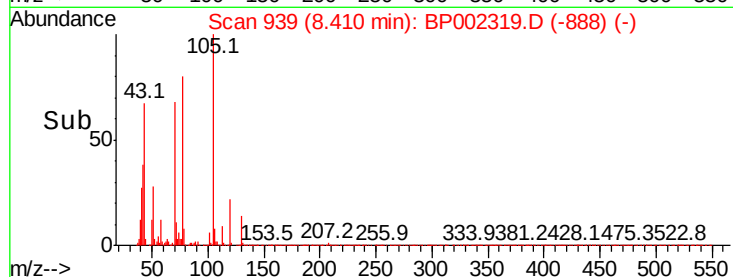
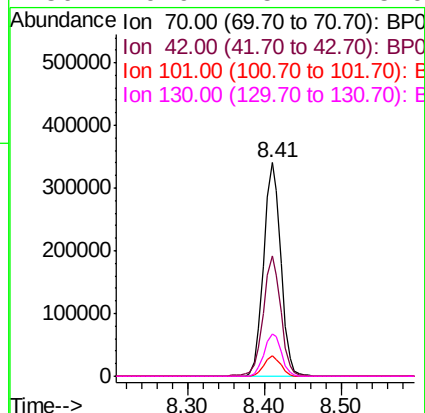
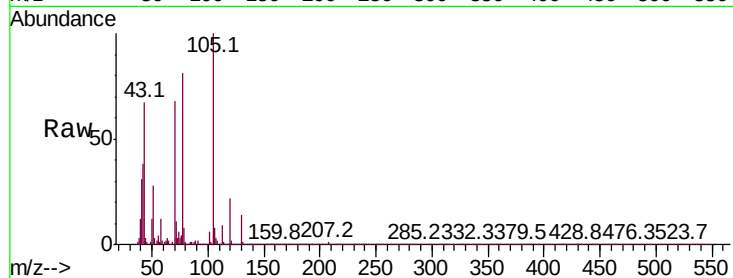
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.796 ng
RT: 8.41 min Scan# 939
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

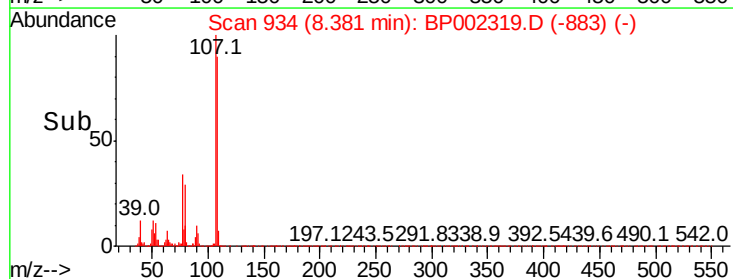
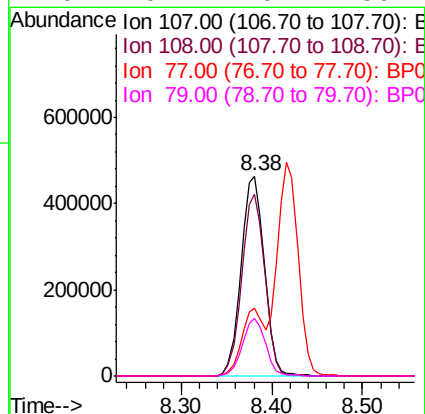
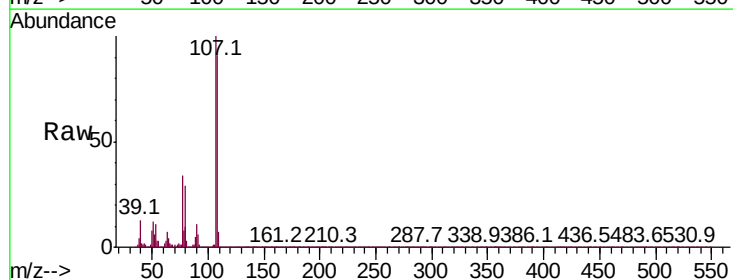
Instrument :
BNA_P
ClientSampled :
351MSD

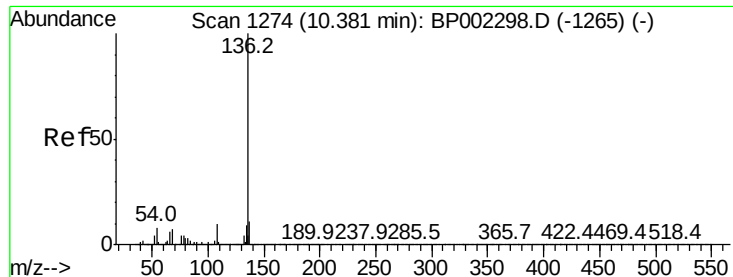
Tot Ion:	70	Resp:	533444
Ion	Ratio	Lower	Upper
70	100		
42	56.4	44.2	66.4
101	9.4	7.4	11.0
130	19.9	15.4	23.0



#20
3+4-Methylphenols
Concen: 38.445 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:	107	Resp:	829947
Ion	Ratio	Lower	Upper
107	100		
108	90.6	74.7	114.7
77	33.9	14.4	54.4
79	29.1	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1273

Delta R.T. -0.01 min

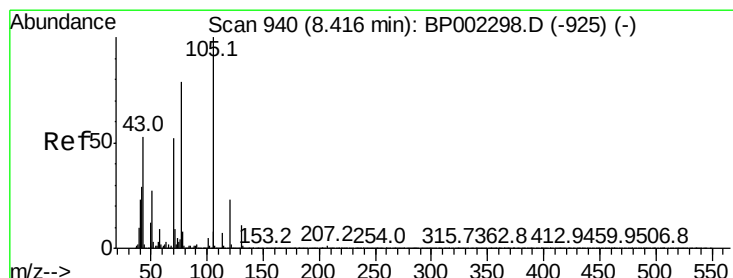
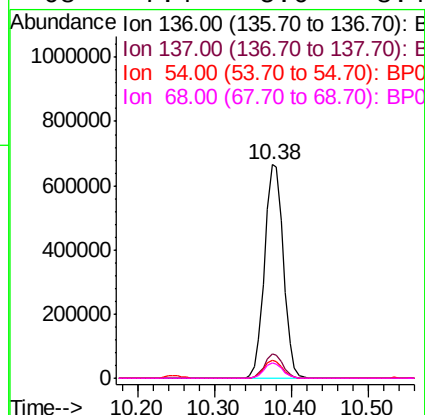
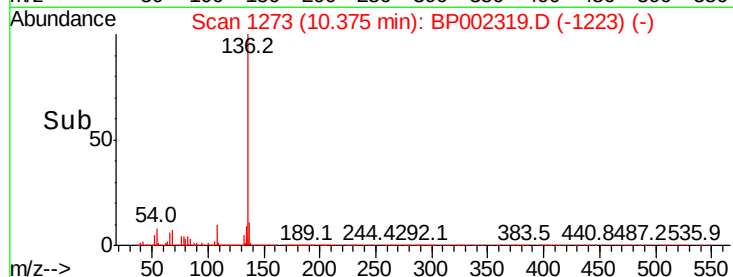
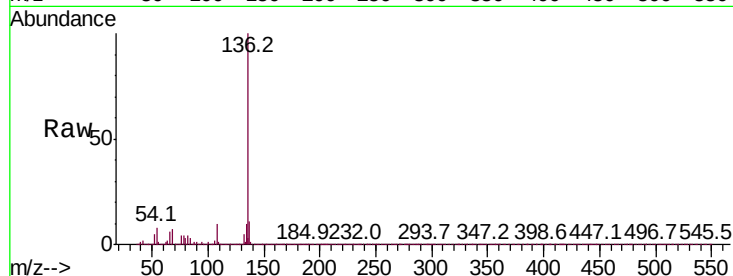
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :
BNA_P
ClientSampleId :
351MSD

Tot Ion:136 Resp: 1139777

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.5	6.9	10.3
68	7.4	5.6	8.4



#22

Acetophenone

Concen: 39.385 ng

RT: 8.42 min Scan# 940

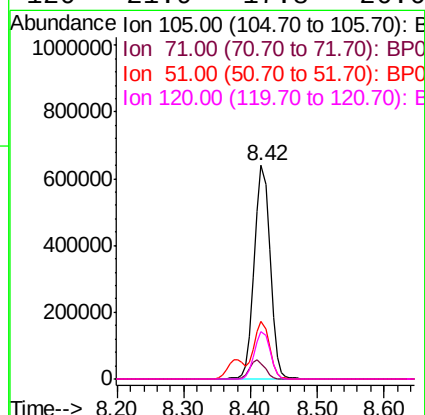
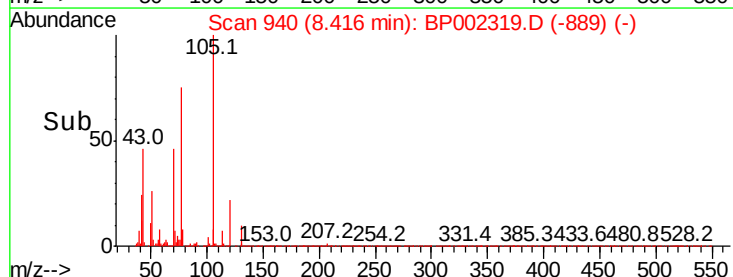
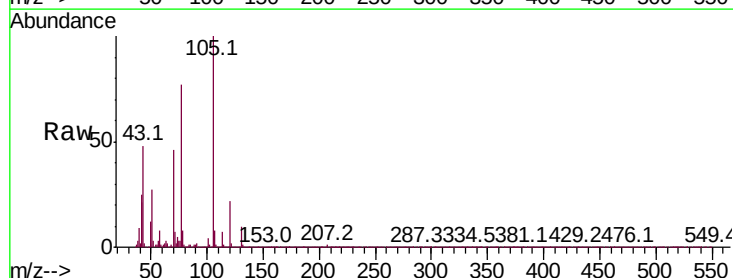
Delta R.T. -0.00 min

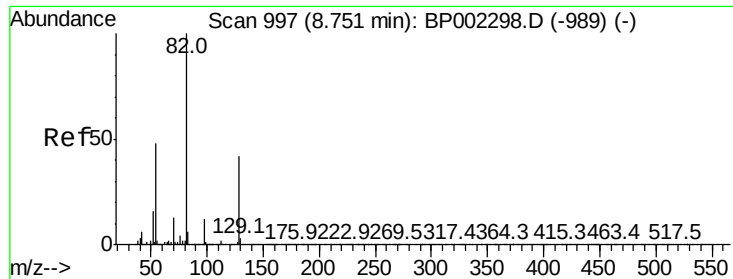
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:105 Resp: 1024924

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.5	9.7
51	26.7	21.7	32.5
120	21.9	17.8	26.6

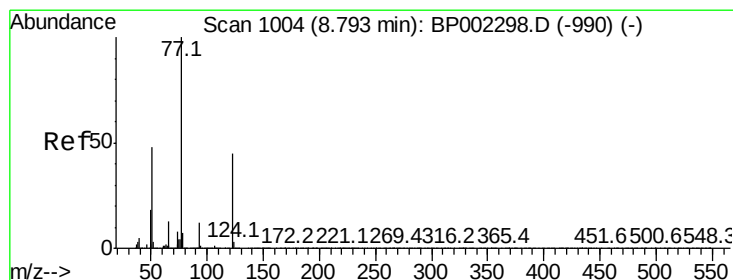
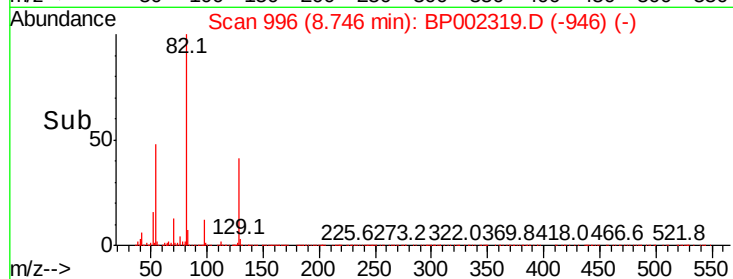
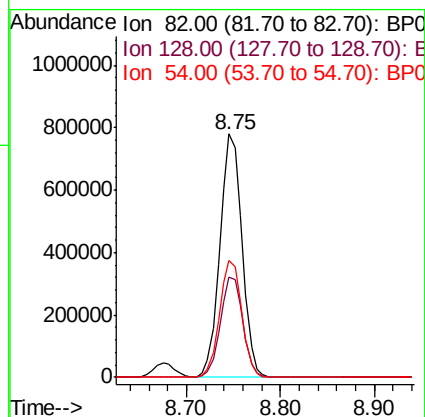
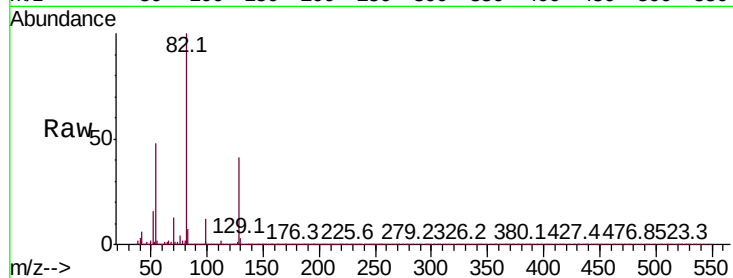




#23
Nitrobenzene-d5
Concen: 67.573 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

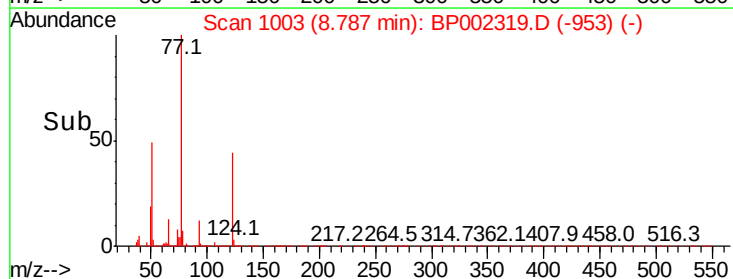
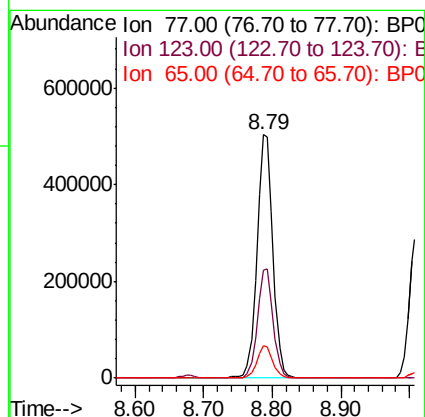
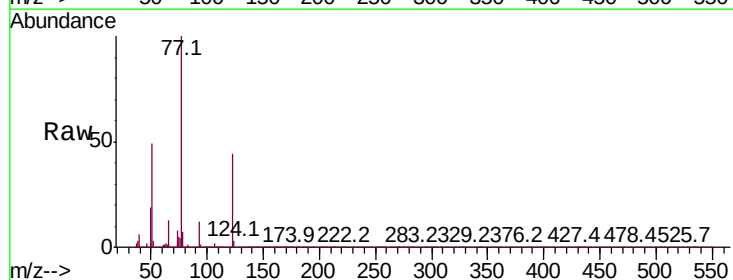
Instrument :
BNA_P
ClientSampleId :
351MSD

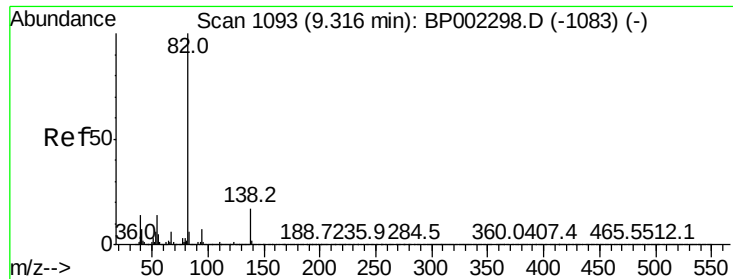
Tot Ion: 82 Resp: 1281029
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.0
54 48.2 38.3 57.5



#24
Nitrobenzene
Concen: 39.460 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion: 77 Resp: 815498
Ion Ratio Lower Upper
77 100
123 44.1 35.4 53.0
65 13.5 10.3 15.5





#25

Isophorone

Concen: 38.680 ng

RT: 9.32 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

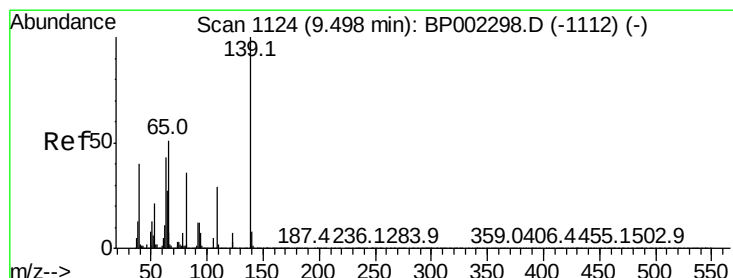
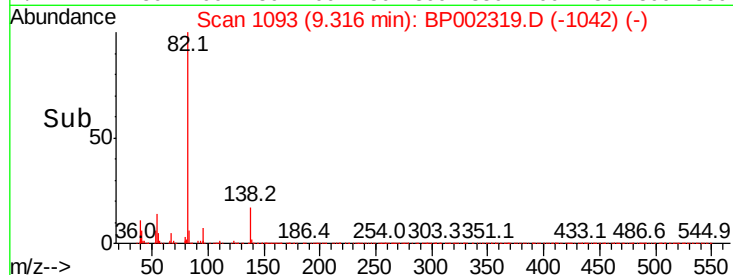
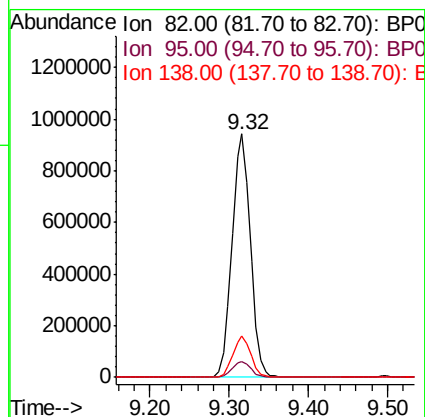
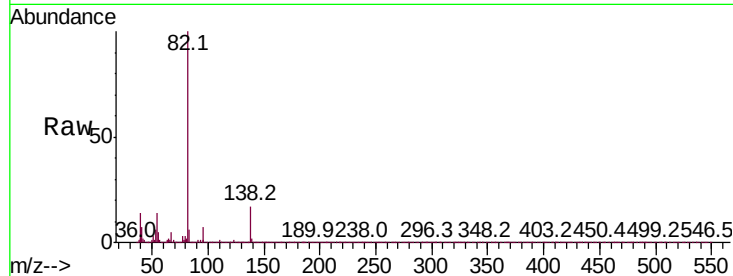
Tot Ion: 82 Resp: 1506022

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.0 13.4 20.0



#26

2-Nitrophenol

Concen: 43.106 ng

RT: 9.50 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

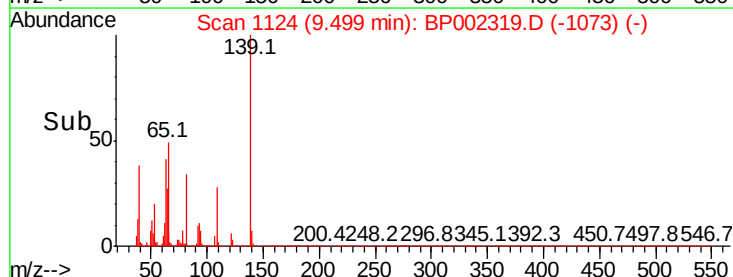
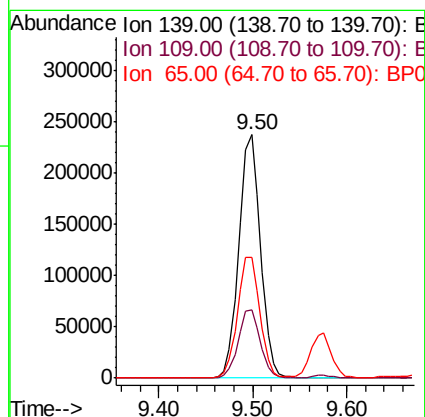
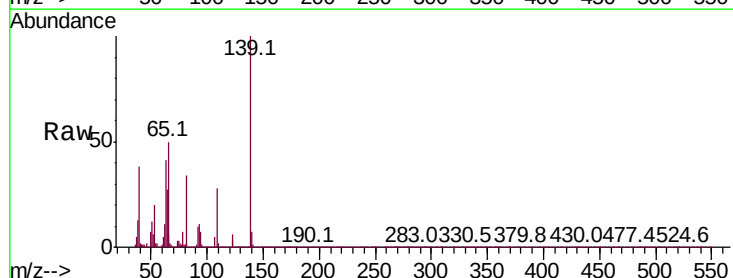
Tgt Ion: 139 Resp: 379541

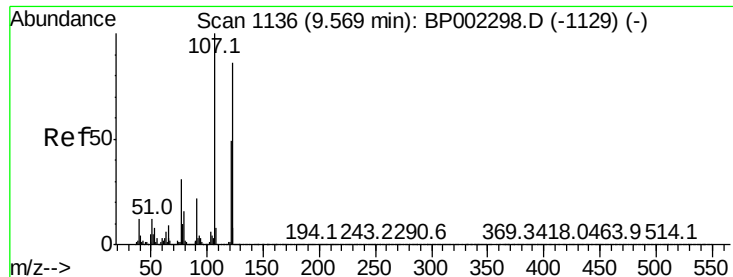
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 49.5 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 45.558 ng

RT: 9.58 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

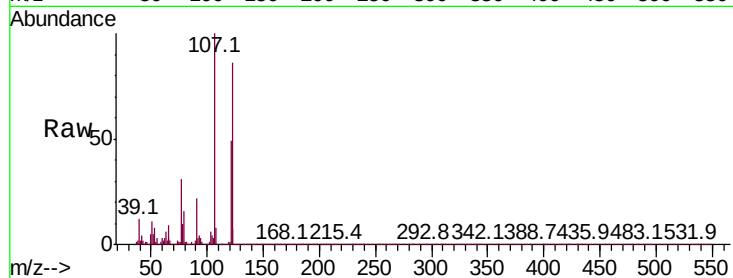
Tot Ion:122 Resp: 660465

Ion Ratio Lower Upper

122 100

107 116.9 93.7 140.5

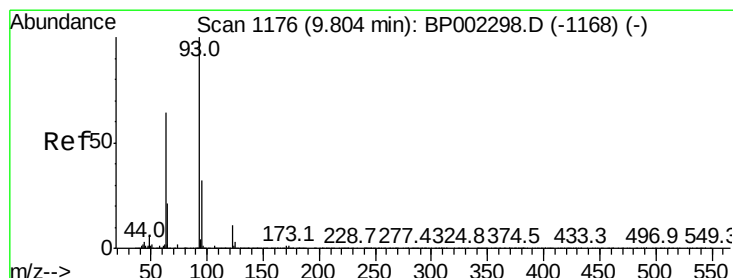
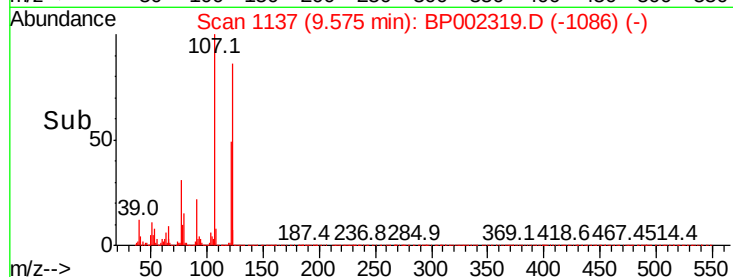
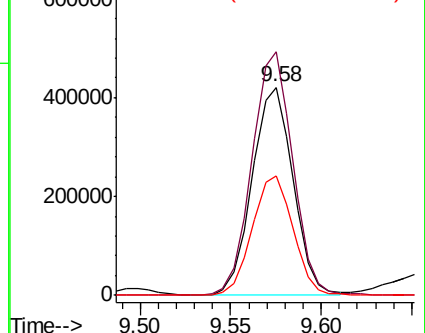
121 57.5 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.808 ng

RT: 9.80 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

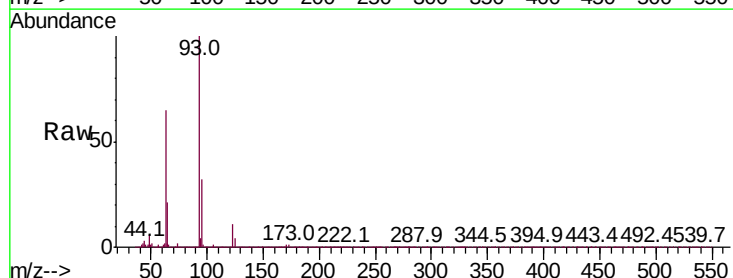
Tgt Ion: 93 Resp: 943142

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

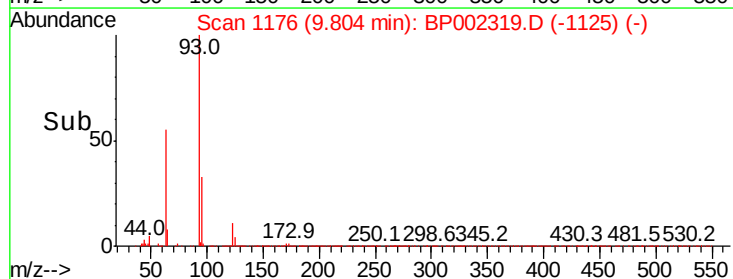
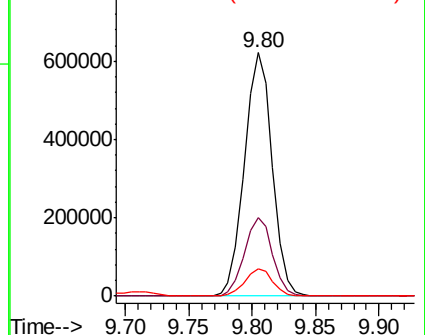
123 11.0 8.6 13.0

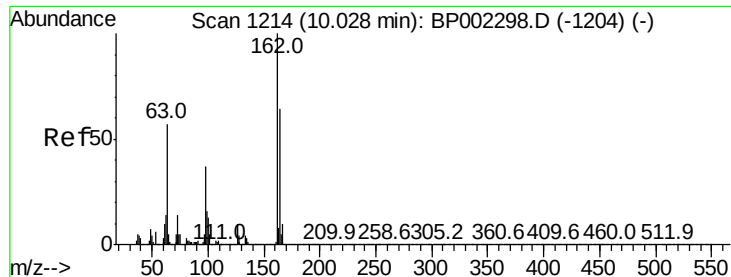


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.679 ng

RT: 10.03 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

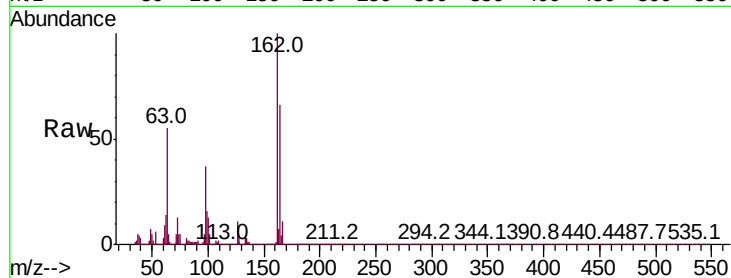
Tot Ion:162 Resp: 665850

Ion Ratio Lower Upper

162 100

164 65.7 44.2 84.2

98 36.5 18.4 58.4

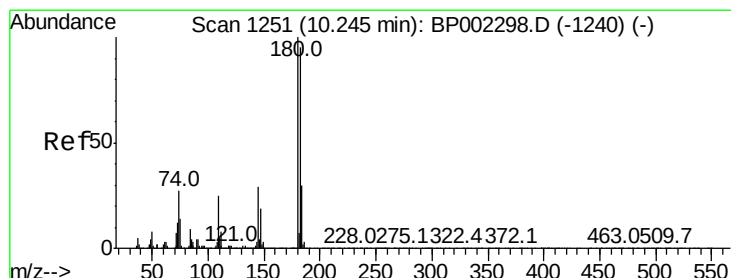
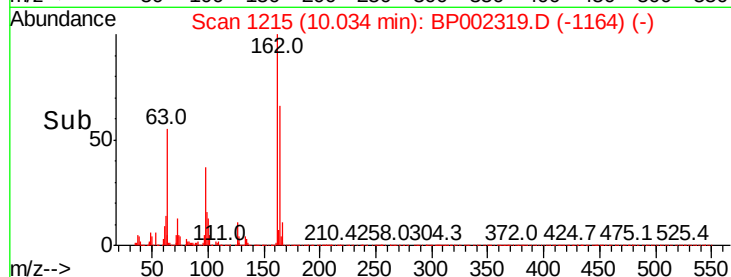
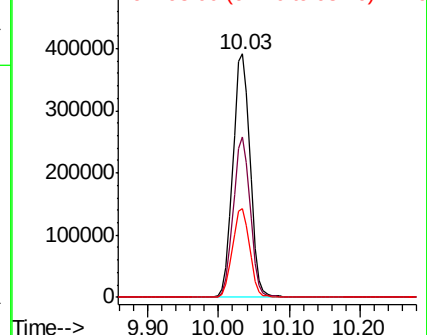


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 39.085 ng

RT: 10.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

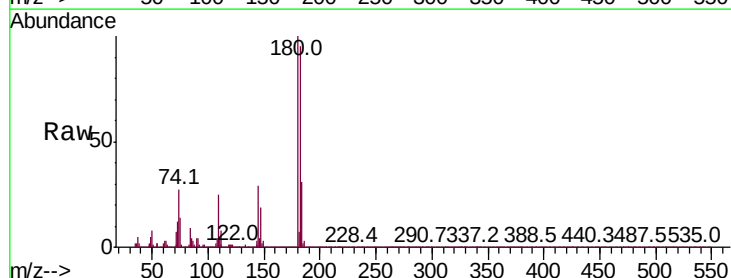
Tgt Ion:180 Resp: 703141

Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

145 28.9 23.2 34.8

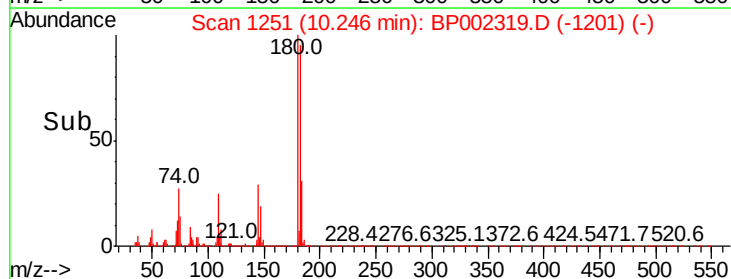
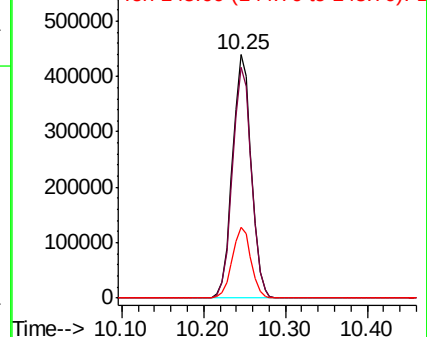


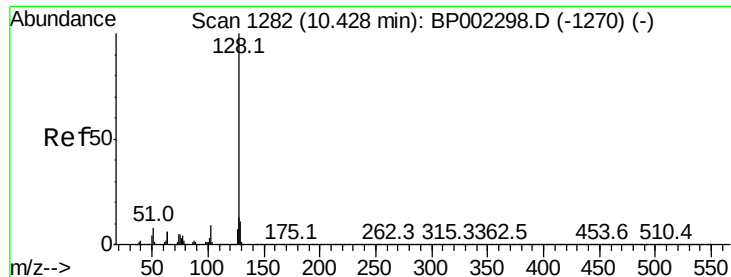
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

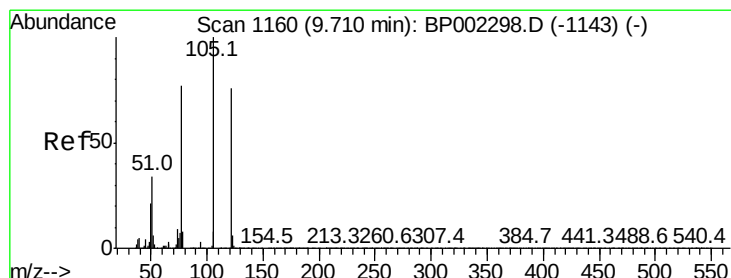
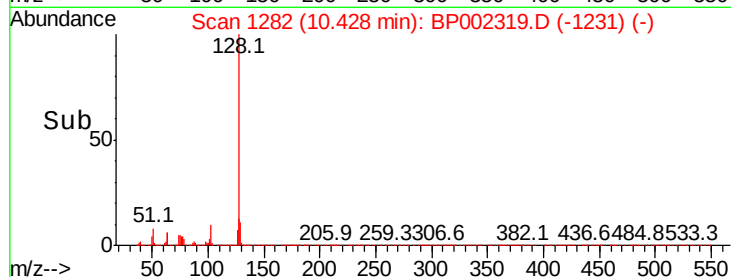
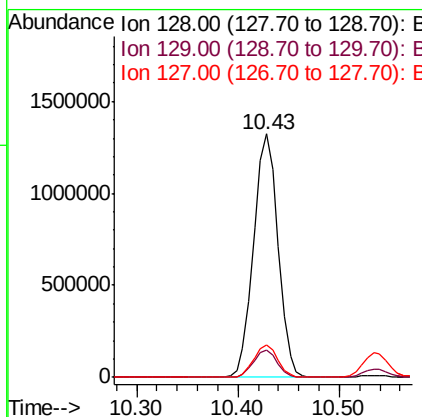
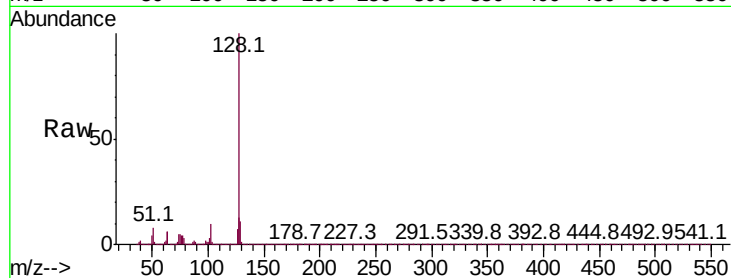




#31
Naphthalene
Concen: 41.404 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

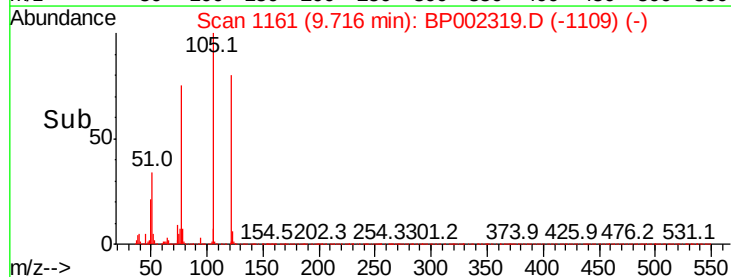
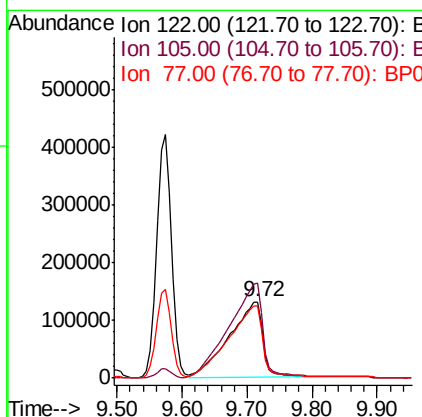
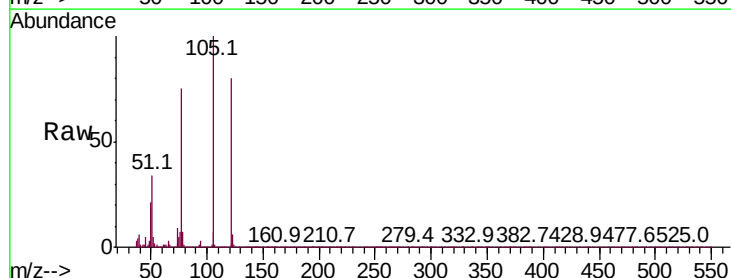
Instrument :
BNA_P
ClientSampleId :
351MSD

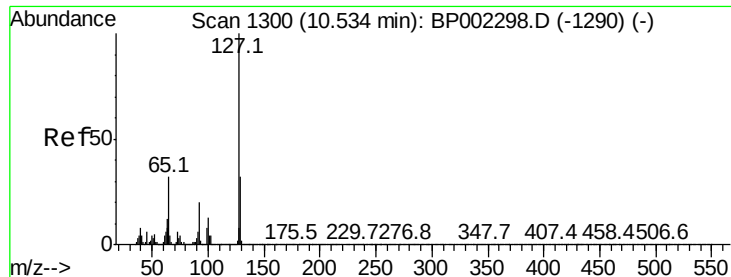
Tot Ion:128 Resp: 2213161
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 42.669 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:122 Resp: 473608
Ion Ratio Lower Upper
122 100
105 125.6 102.7 142.7
77 94.1 74.8 114.8

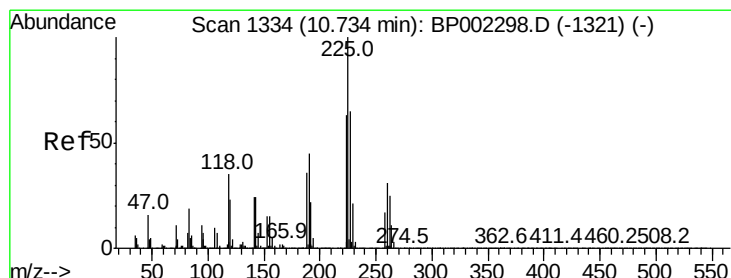
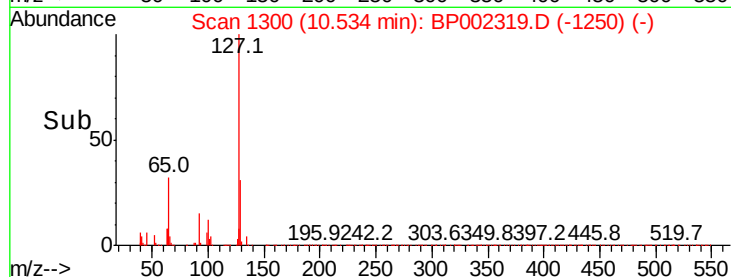
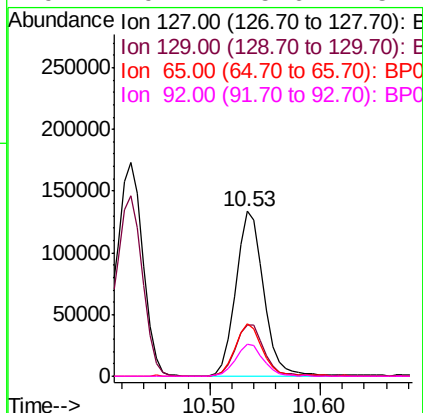
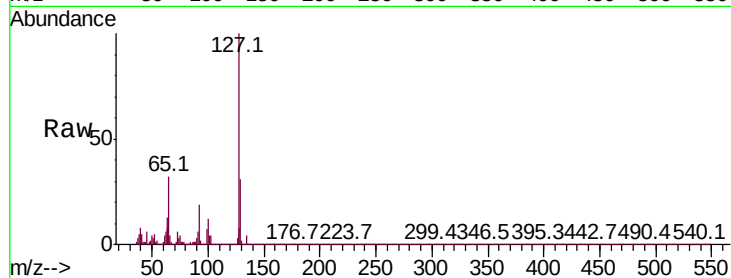




#33
4-Chloroaniline
Concen: 10.094 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

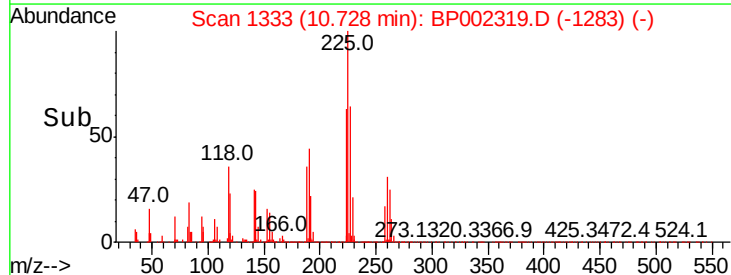
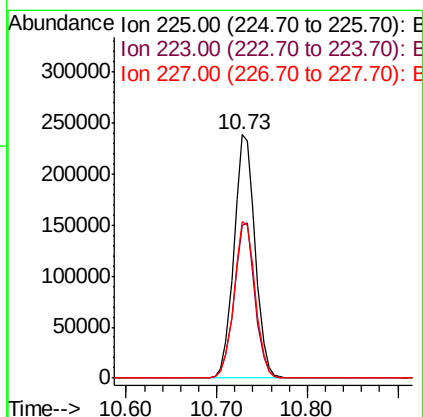
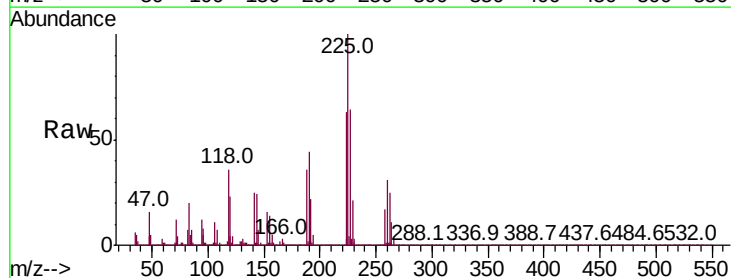
Instrument :
BNA_P
ClientSampled :
351MSD

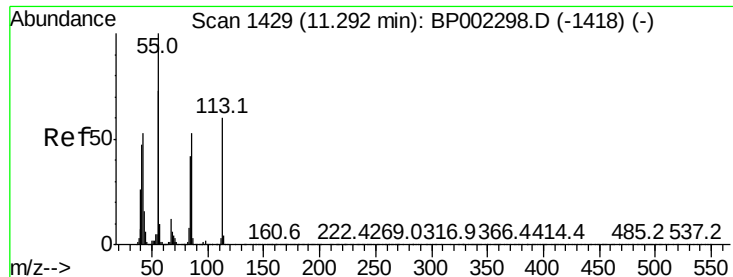
Tot Ion:	127	Resp:	236986
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.4	38.2
65	31.7	25.1	37.7
92	19.1	15.6	23.4



#34
Hexachlorobutadiene
Concen: 37.046 ng
RT: 10.73 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:	225	Resp:	388697
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	64.4	50.1	75.1

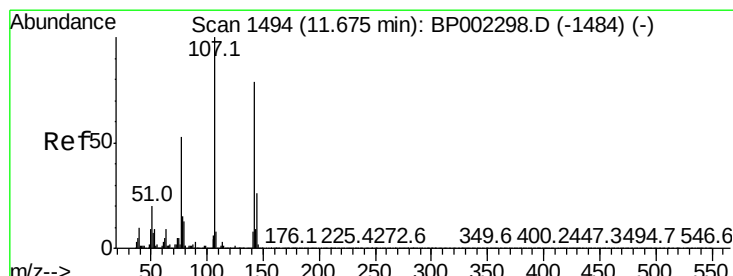
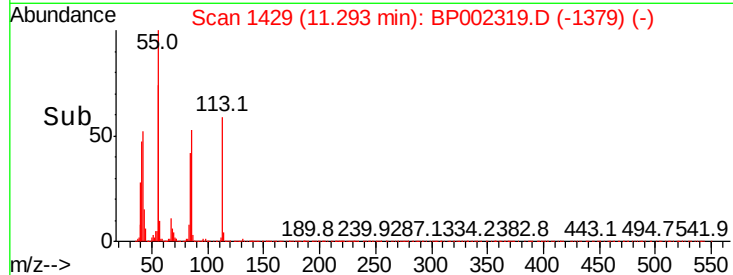
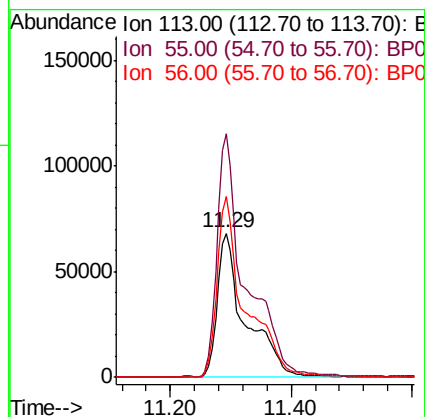
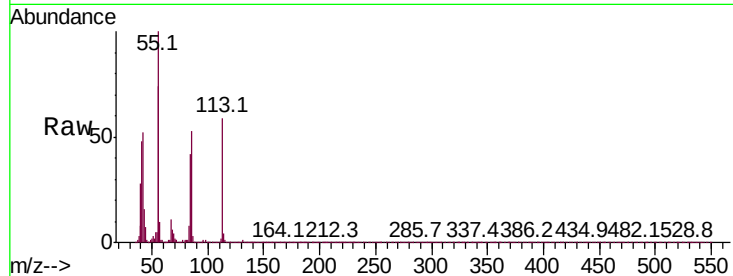




#35
 Caprolactam
 Concen: 39.793 ng
 RT: 11.29 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BP002319.D
 Acq: 29 May 2020 17:28

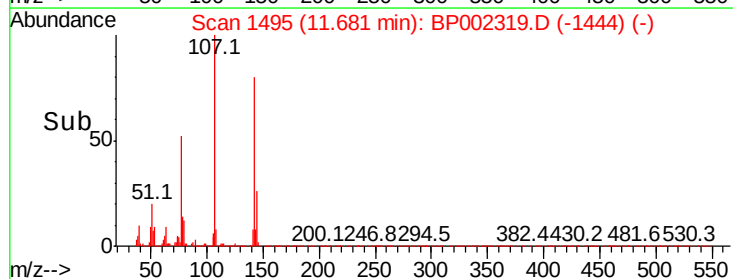
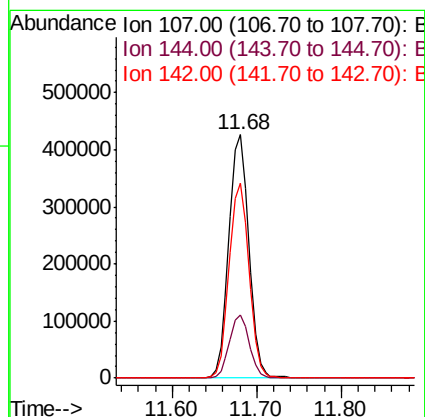
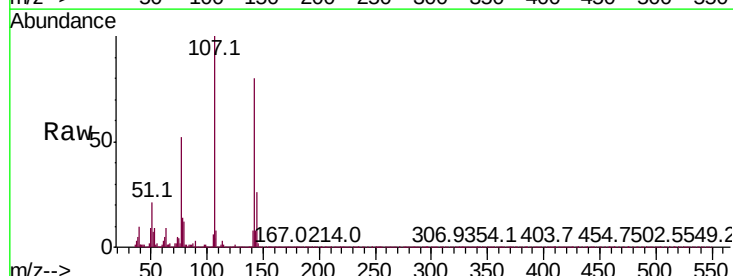
Instrument :
 BNA_P
 ClientSampleId :
 351MSD

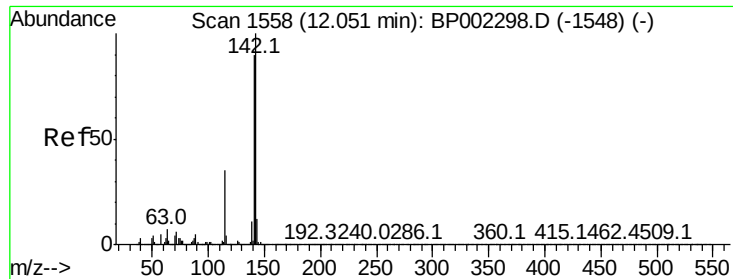
Tot Ion:113 Resp: 220194
 Ion Ratio Lower Upper
 113 100
 55 168.7 150.1 190.1
 56 125.1 104.1 144.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.502 ng
 RT: 11.68 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BP002319.D
 Acq: 29 May 2020 17:28

Tgt Ion:107 Resp: 696844
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 31.0
 142 80.3 63.0 94.6

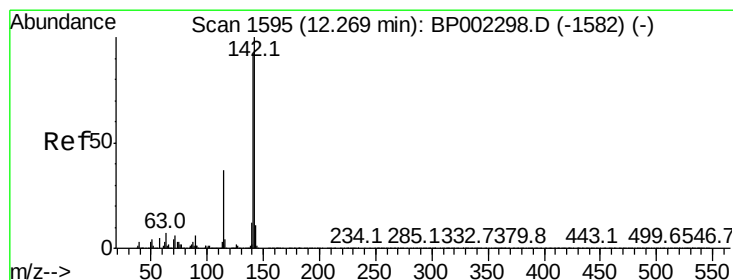
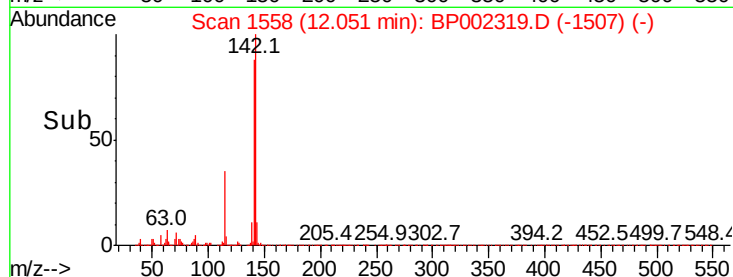
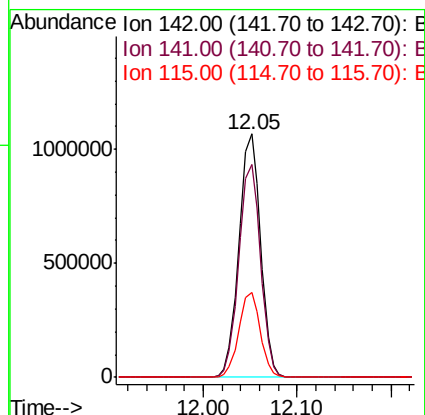
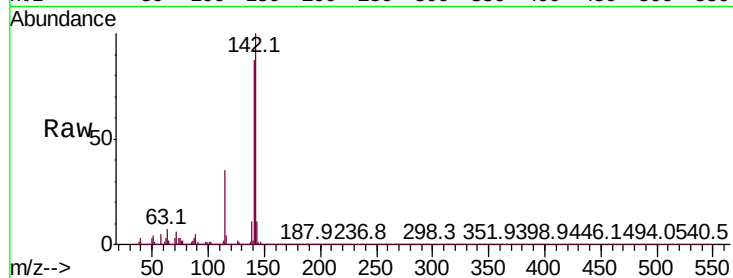




#37
2-Methylnaphthalene
Concen: 45.704 ng
RT: 12.05 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

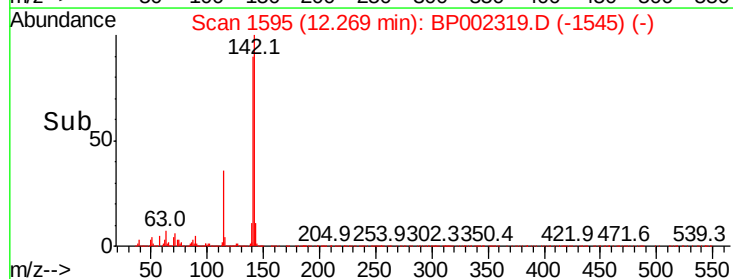
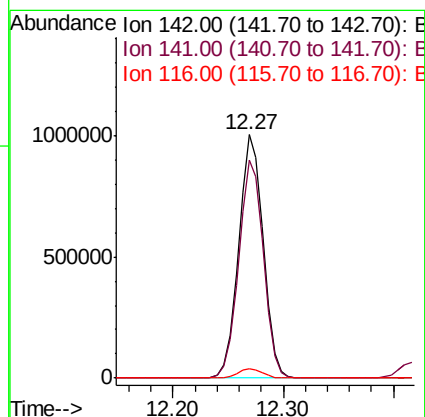
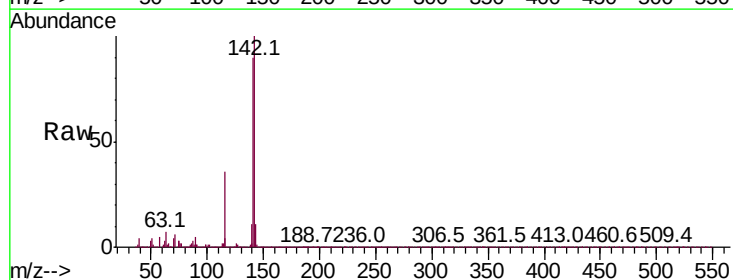
Instrument :
BNA_P
ClientSampleId :
351MSD

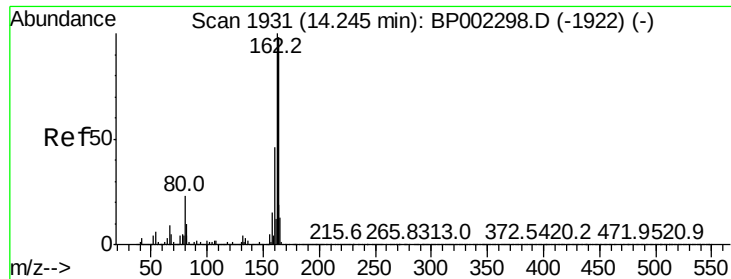
Tot Ion:142 Resp: 1712963
Ion Ratio Lower Upper
142 100
141 87.5 69.7 104.5
115 34.8 28.1 42.1



#38
1-Methylnaphthalene
Concen: 43.709 ng
RT: 12.27 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:142 Resp: 1555091
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

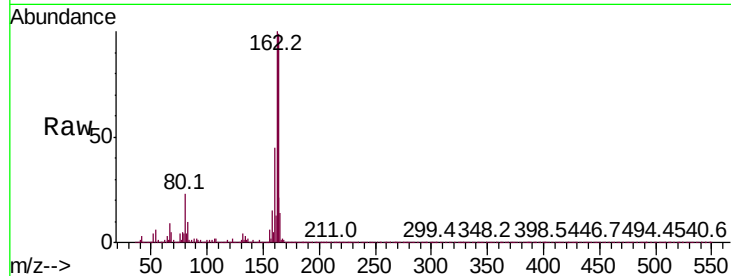
Tot Ion:164 Resp: 652918

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

160 45.2 37.2 55.8

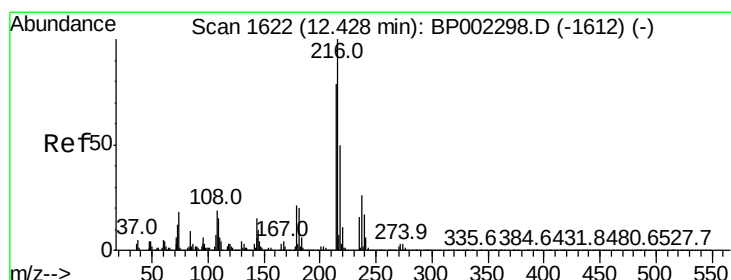
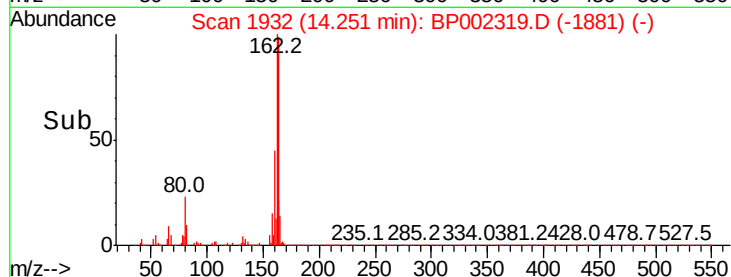
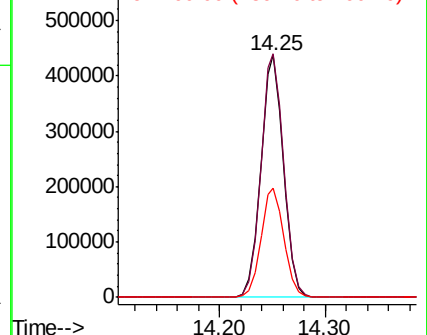


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.384 ng

RT: 12.43 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:216 Resp: 700699

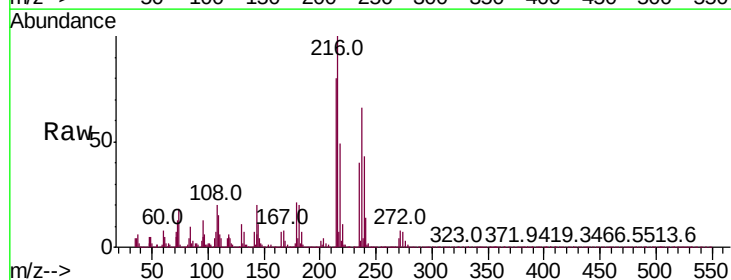
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 20.7 16.3 24.5

108 21.6 15.7 23.5



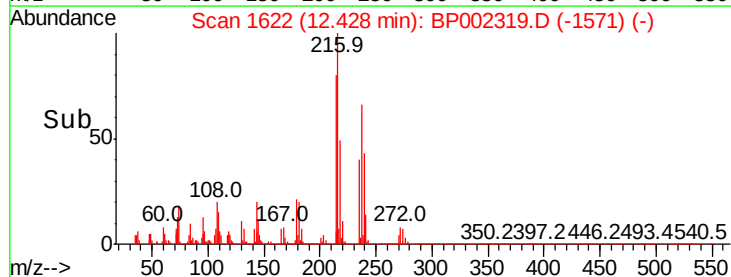
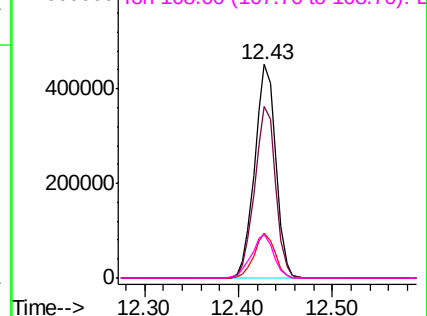
Abundance

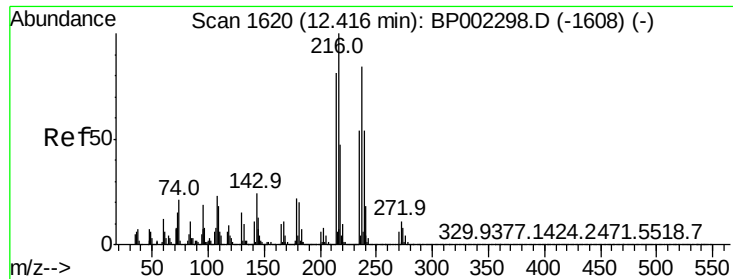
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.603 ng

RT: 12.42 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

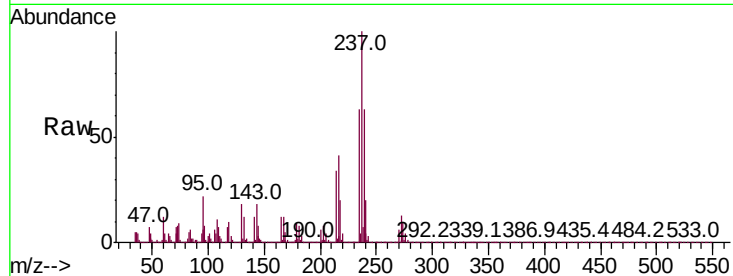
Tot Ion:237 Resp: 789688

Ion Ratio Lower Upper

237 100

235 63.4 43.6 83.6

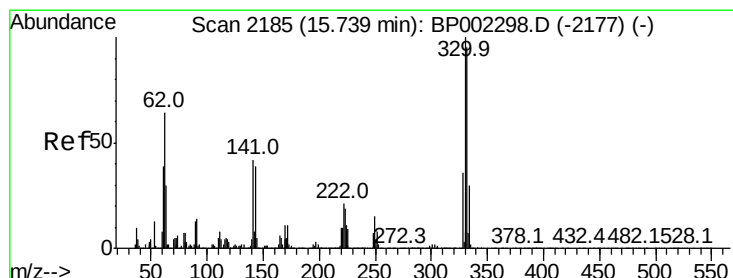
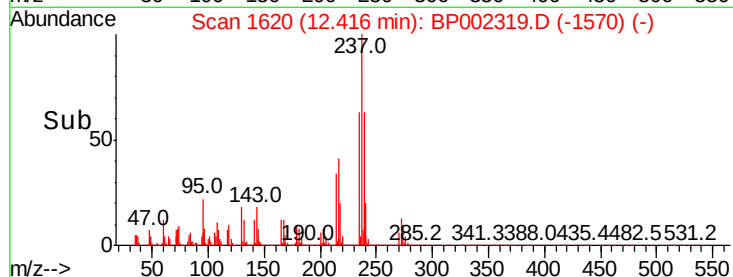
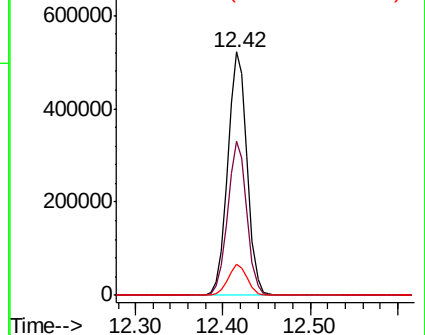
272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.803 ng

RT: 15.75 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

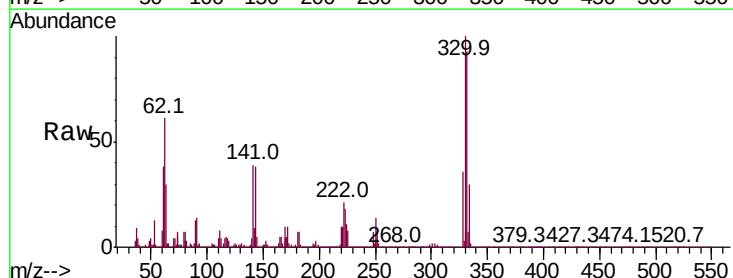
Tgt Ion:330 Resp: 586650

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

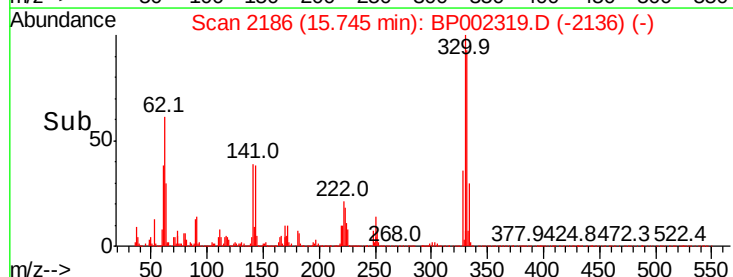
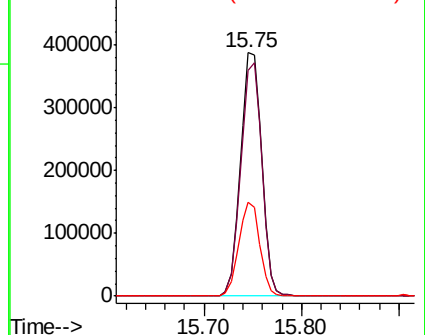
141 38.2 31.4 47.2

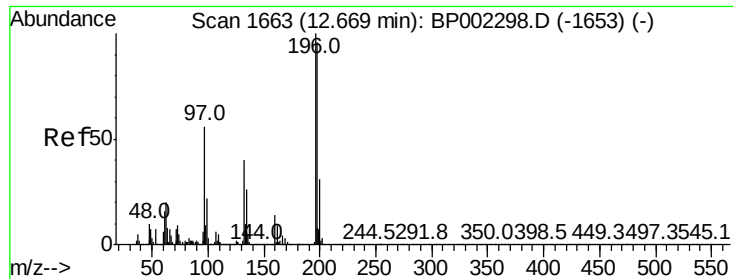


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

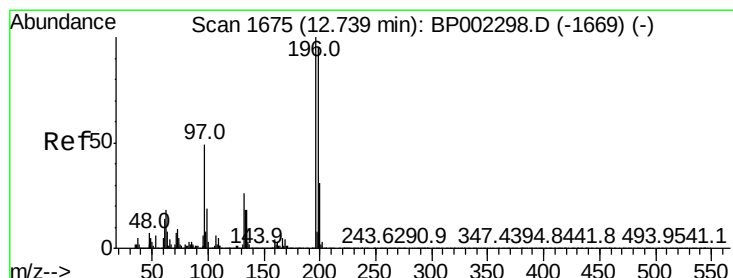
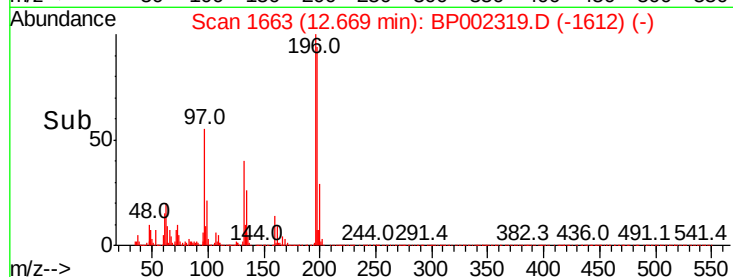
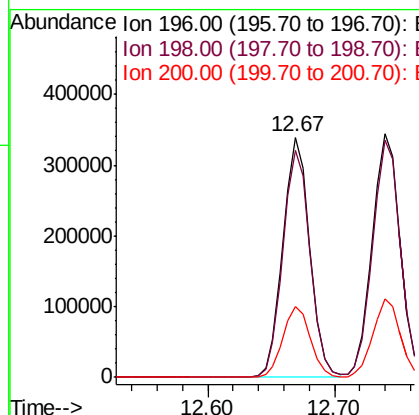
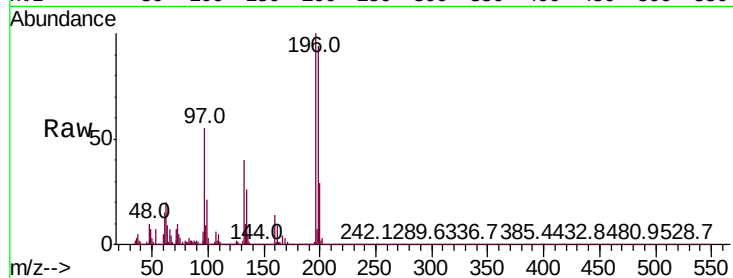




#43
 2,4,6-Trichlorophenol
 Concen: 41.711 ng
 RT: 12.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BP002319.D
 Acq: 29 May 2020 17:28

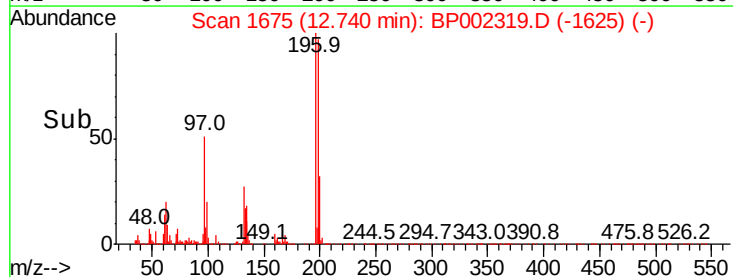
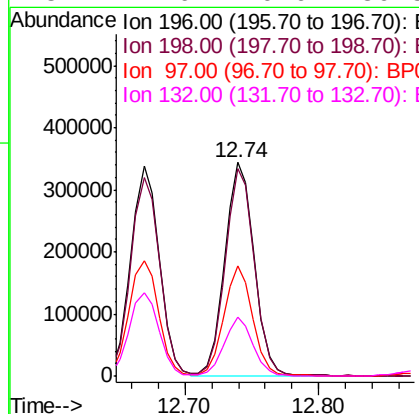
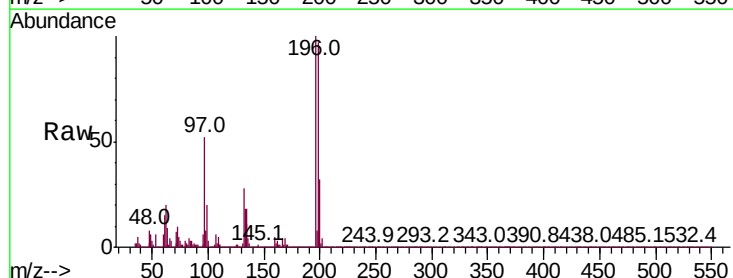
Instrument :
 BNA_P
 ClientSampleId :
 351MSD

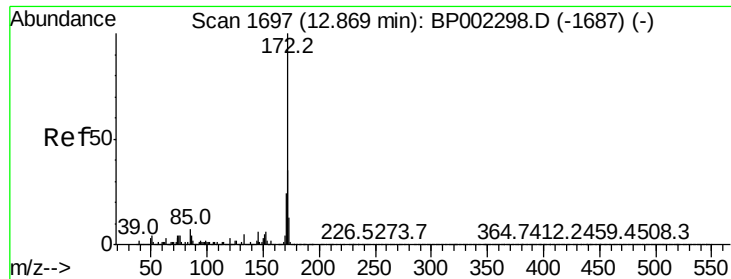
Tot Ion	196	Resp	501112
Ion Ratio	Lower	Upper	
196	100		
198	94.4	77.9	116.9
200	29.3	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.024 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BP002319.D
 Acq: 29 May 2020 17:28

Tgt Ion	196	Resp	530121
Ion Ratio	Lower	Upper	
196	100		
198	97.3	72.8	109.2
97	51.6	40.3	60.5
132	27.6	20.6	30.8



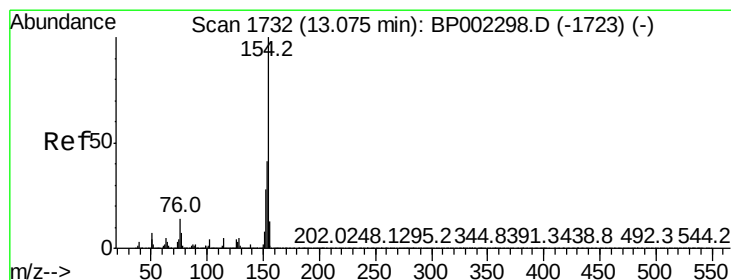
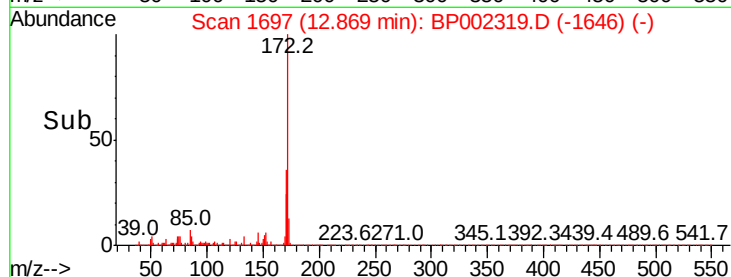
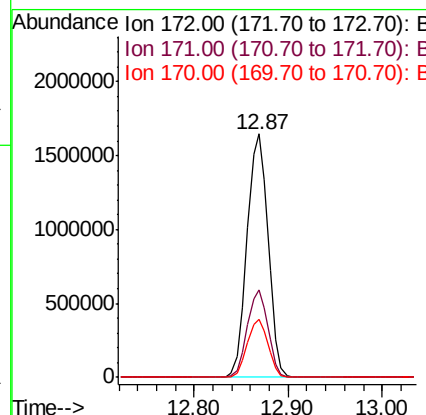
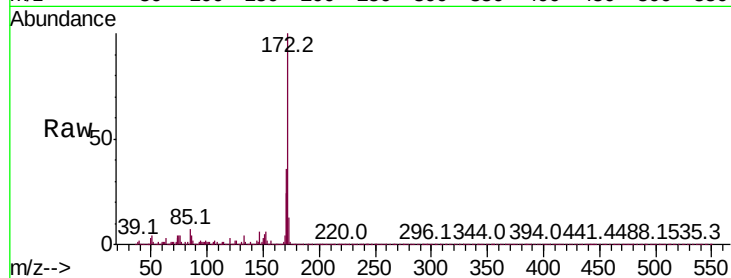


#45
2-Fluorobiphenyl
Concen: 69.072 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Instrument :
BNA_P
ClientSampleId :
351MSD

Tot Ion:172 Resp: 2555820

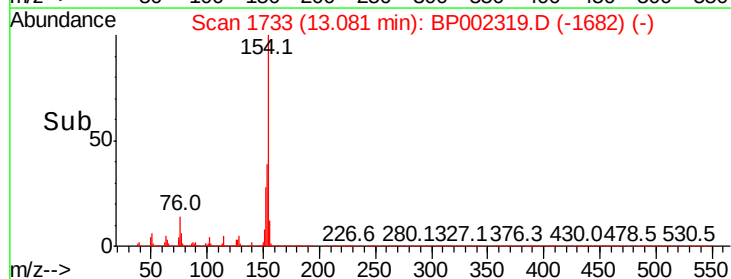
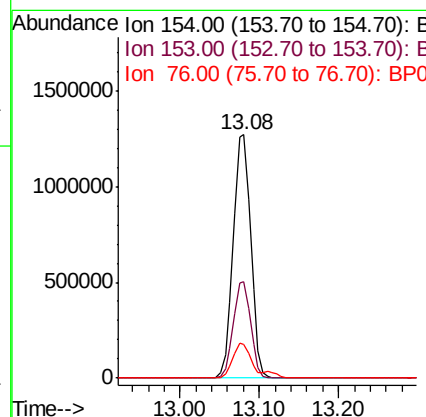
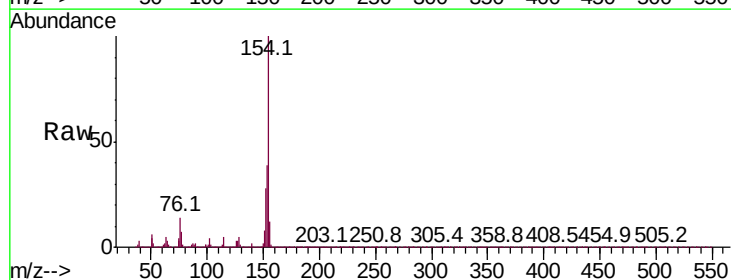
Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.6	41.4
170	23.6	18.9	28.3

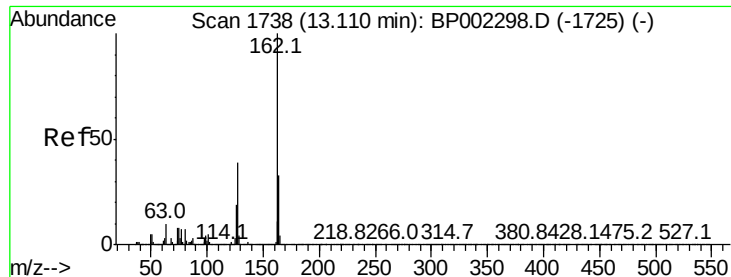


#46
1,1'-Biphenyl
Concen: 45.562 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:154 Resp: 1949369

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.1	60.1
76	13.8	0.0	34.4

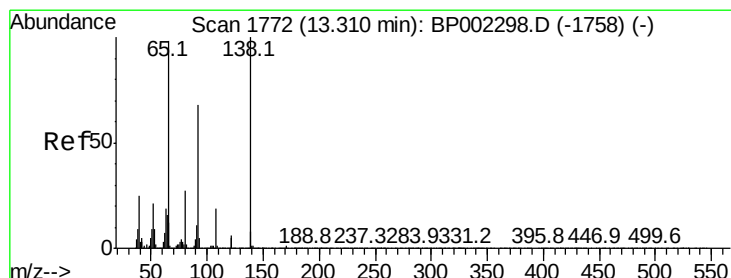
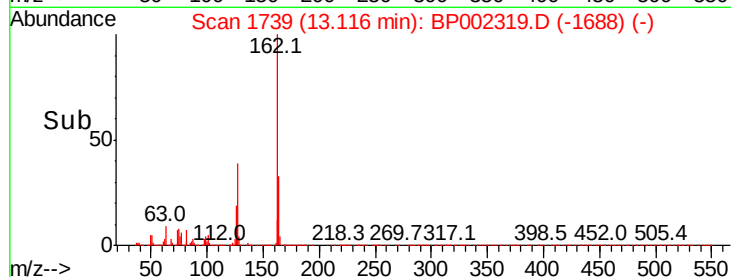
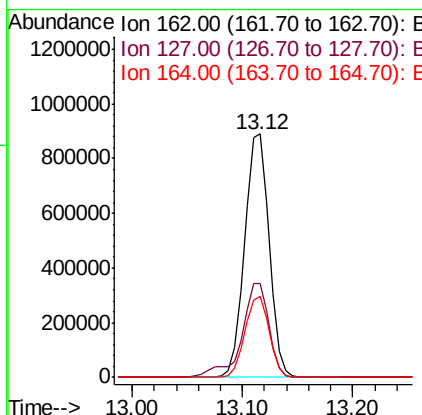
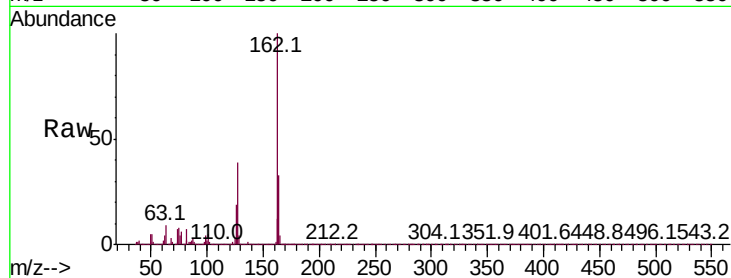




#47
2-Chloronaphthalene
Concen: 39.324 ng
RT: 13.12 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

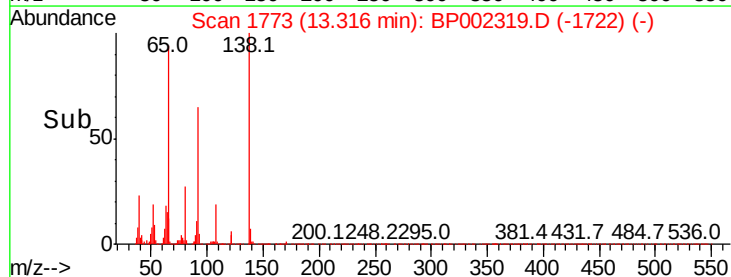
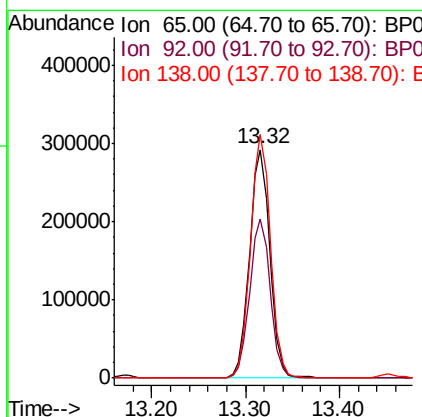
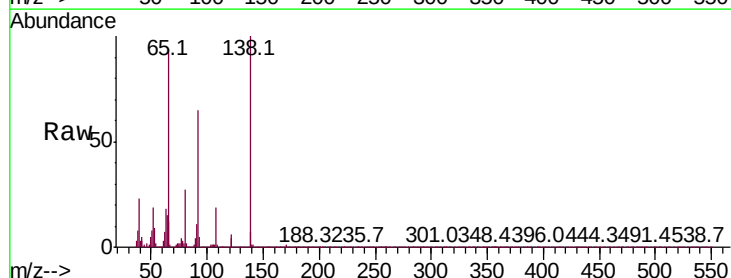
Instrument :
BNA_P
ClientSampleId :
351MSD

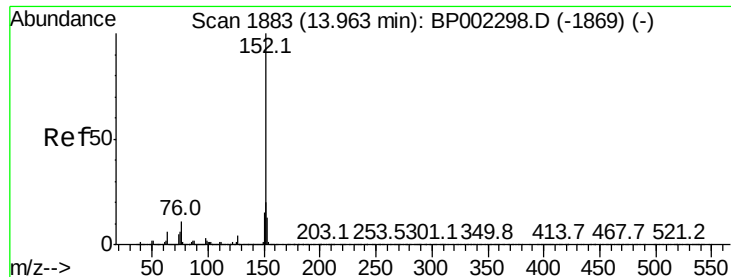
Tot Ion:162 Resp: 1388114
Ion Ratio Lower Upper
162 100
127 38.8 30.2 45.4
164 33.5 26.4 39.6



#48
2-Nitroaniline
Concen: 40.407 ng
RT: 13.32 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion: 65 Resp: 438605
Ion Ratio Lower Upper
65 100
92 69.7 54.5 81.7
138 106.4 80.2 120.2





#49

Acenaphthylene

Concen: 41.327 ng

RT: 13.97 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

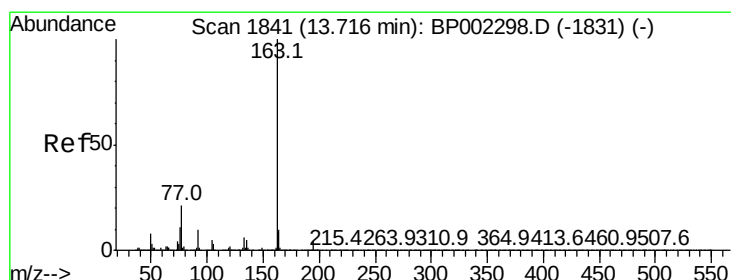
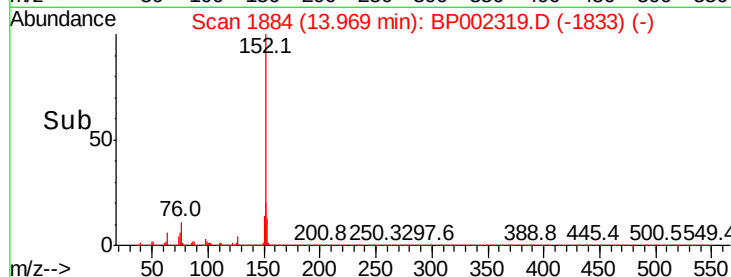
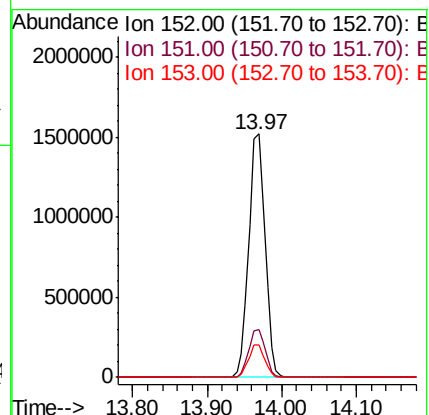
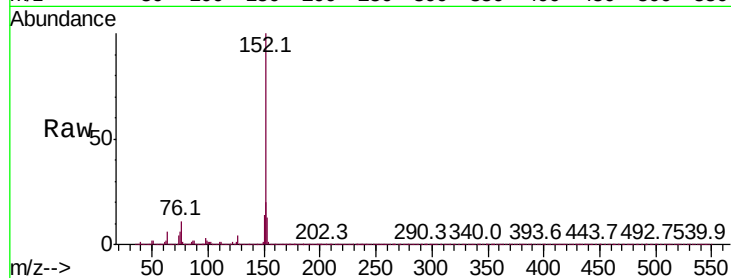
BNA_P

ClientSampleId :

351MSD

Tot Ion:152 Resp: 2311528

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.5	10.4	15.6



#50

Dimethylphthalate

Concen: 50.663 ng

RT: 13.72 min Scan# 1841

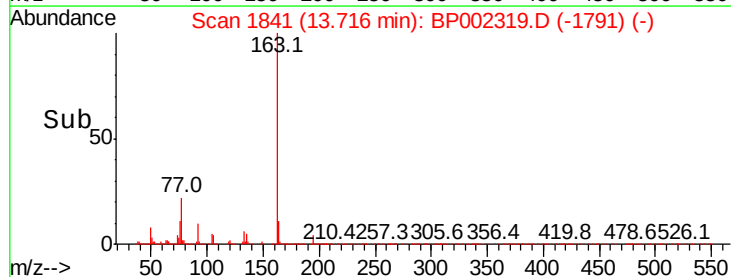
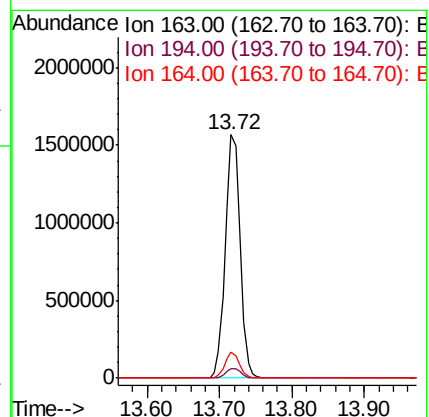
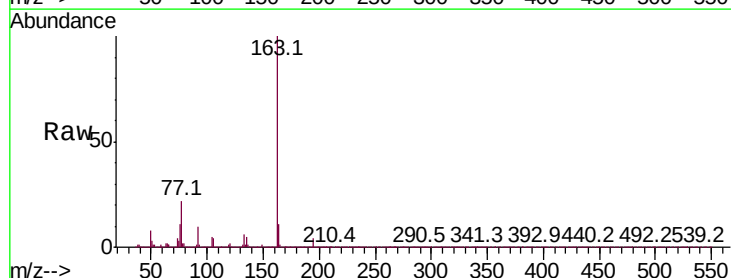
Delta R.T. -0.01 min

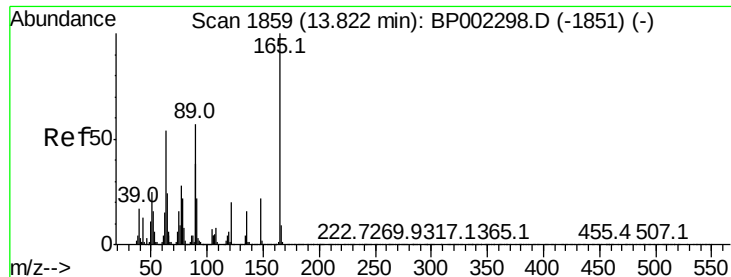
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:163 Resp: 2239047

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.6	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 39.452 ng

RT: 13.83 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

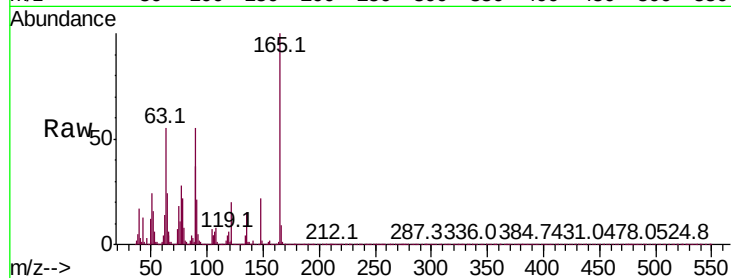
Tot Ion:165 Resp: 378391

Ion Ratio Lower Upper

165 100

63 54.6 45.5 68.3

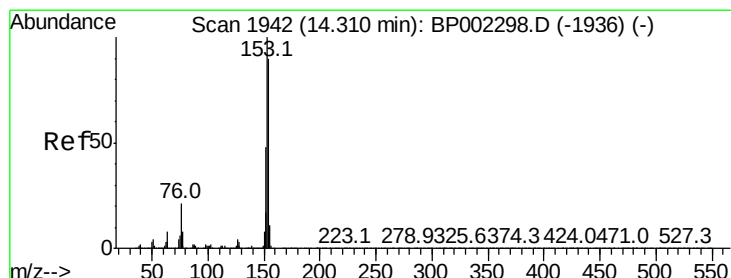
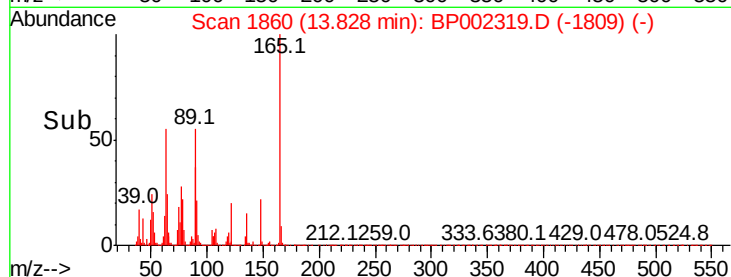
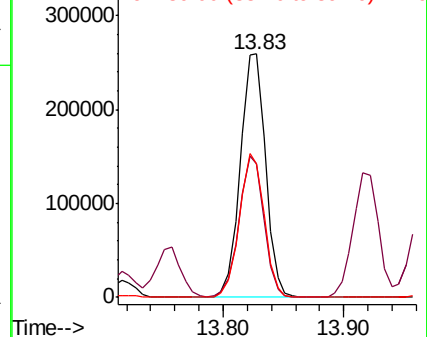
89 54.9 47.6 71.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 53.538 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

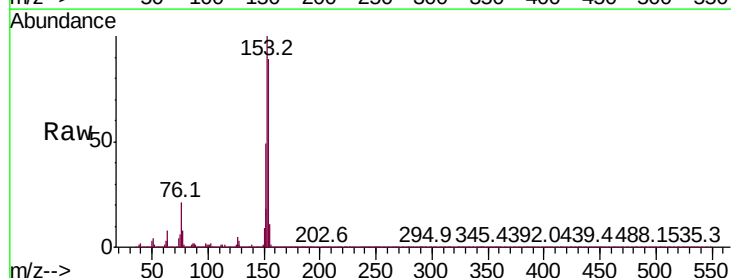
Tgt Ion:154 Resp: 1926454

Ion Ratio Lower Upper

154 100

153 112.4 89.7 134.5

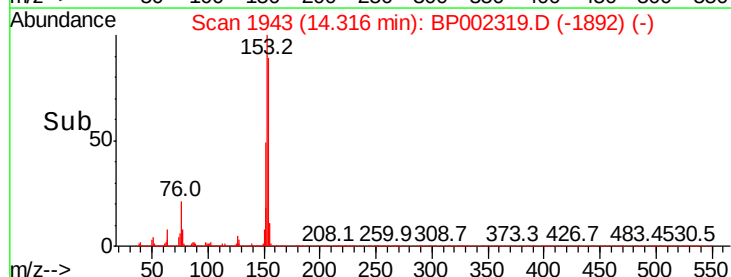
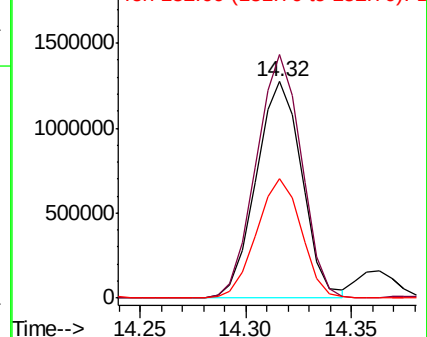
152 55.3 44.0 66.0

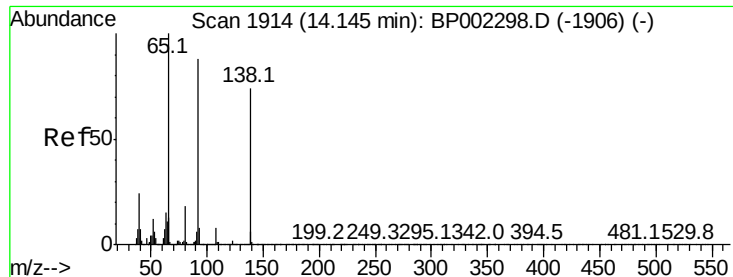


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.600 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

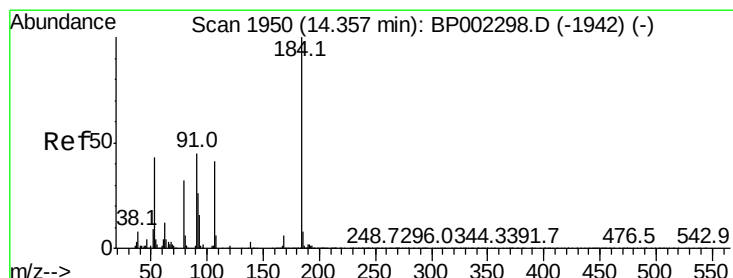
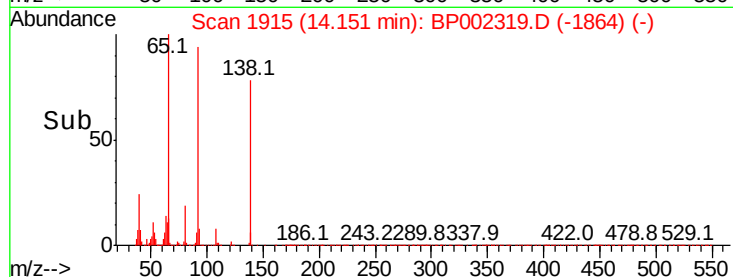
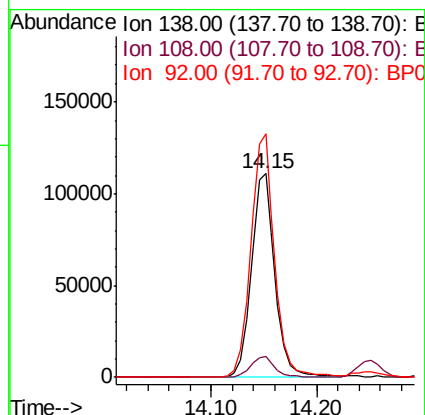
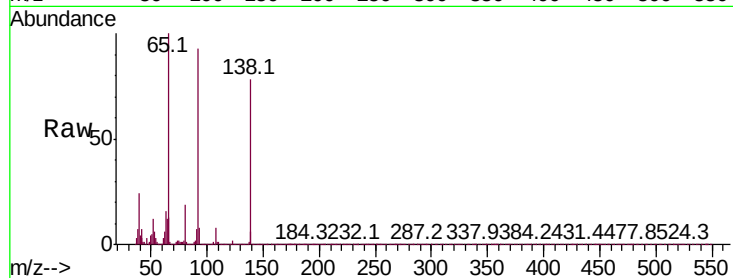
Tot Ion:138 Resp: 171196

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

92 119.6 97.2 145.8



#54

2,4-Dinitrophenol

Concen: 81.125 ng

RT: 14.36 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

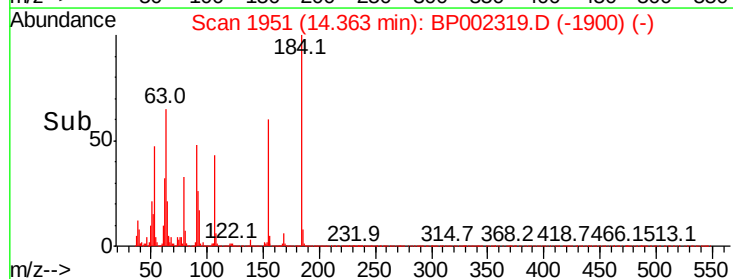
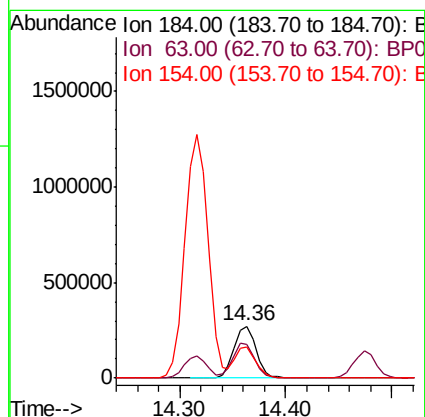
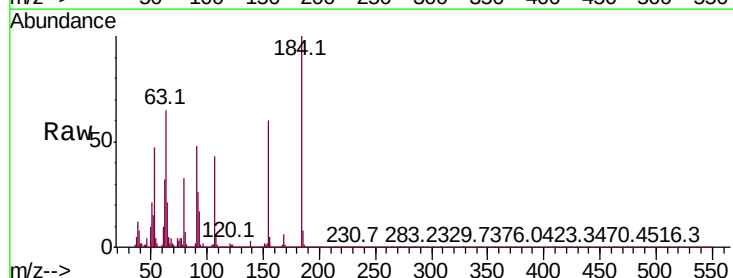
Tgt Ion:184 Resp: 393166

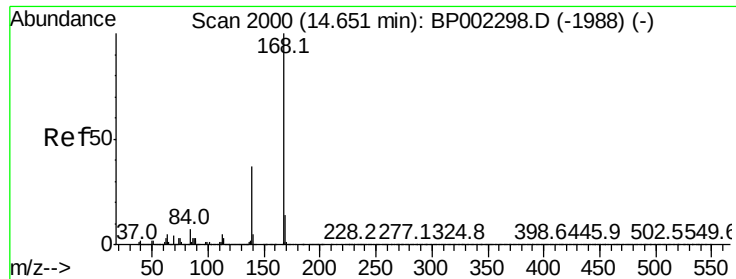
Ion Ratio Lower Upper

184 100

63 65.4 53.6 80.4

154 60.0 47.4 71.2





#55

Dibenzenofuran

Concen: 46.608 ng

RT: 14.65 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

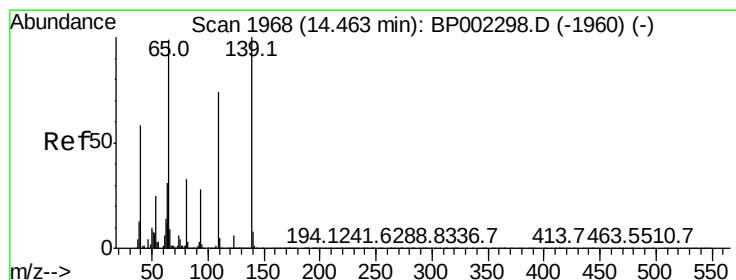
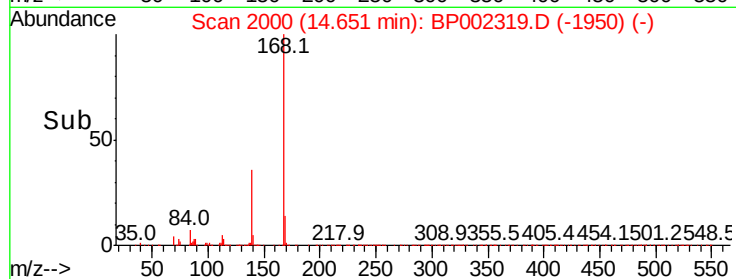
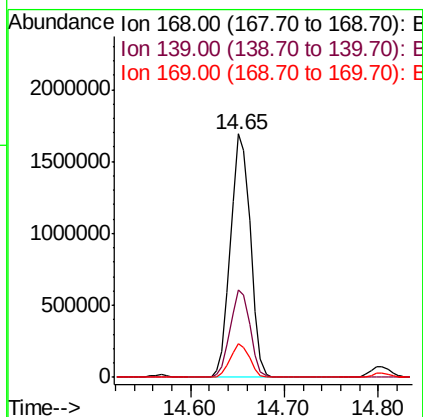
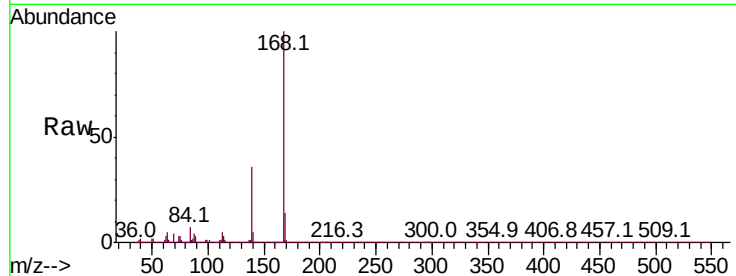
Tot Ion:168 Resp: 2479767

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.9	43.3
169	13.6	10.6	16.0

168 100

139 36.2 28.9 43.3

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 80.592 ng

RT: 14.47 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

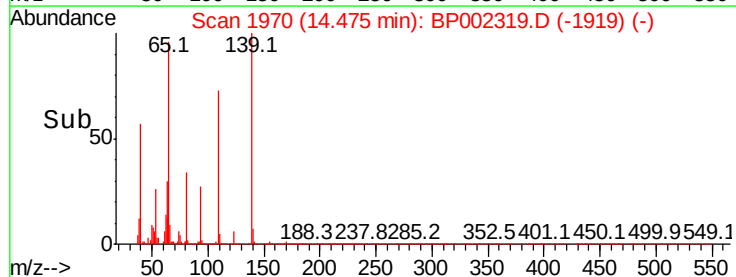
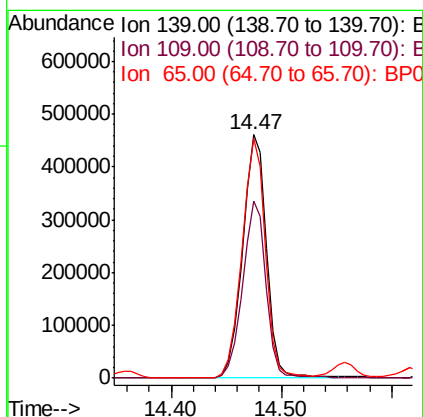
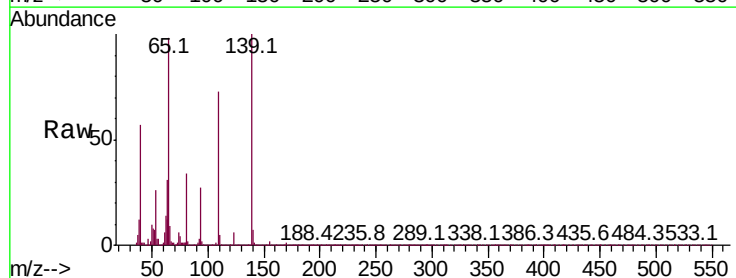
Tgt Ion:139 Resp: 698988

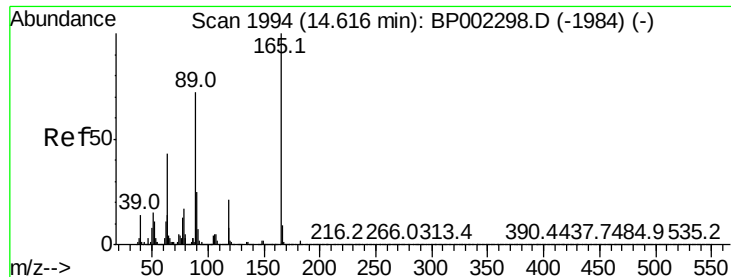
Ion	Ratio	Lower	Upper
139	100		
109	72.5	51.1	91.1
65	98.3	79.2	119.2

139 100

109 72.5 51.1 91.1

65 98.3 79.2 119.2





#57

2,4-Dinitrotoluene

Concen: 38.823 ng

RT: 14.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

Tot Ion:165 Resp: 500486

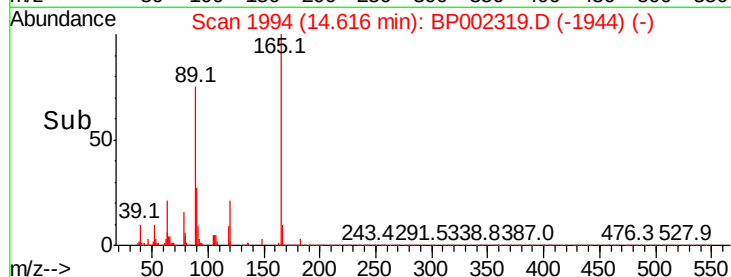
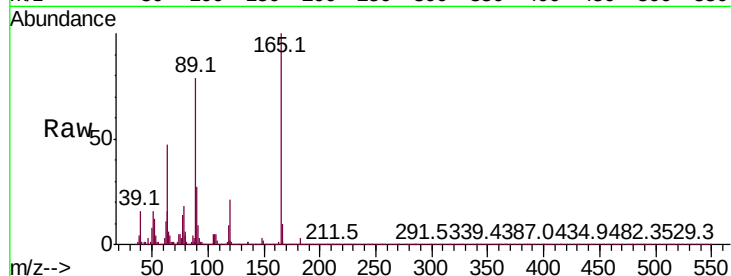
Ion Ratio Lower Upper

165 100

63 46.7 36.8 55.2

89 78.5 61.6 92.4

182 3.2 2.1 3.1#

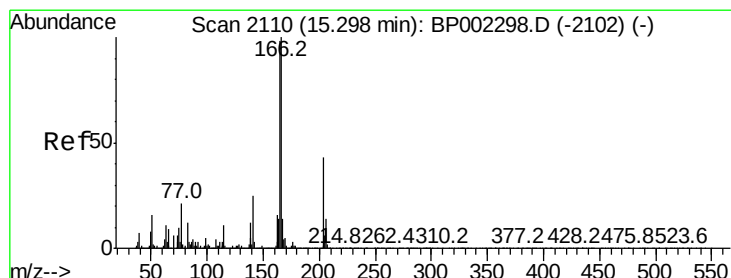
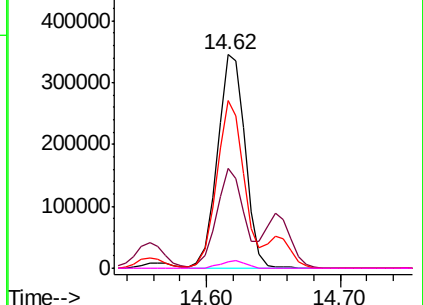


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.778 ng

RT: 15.30 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

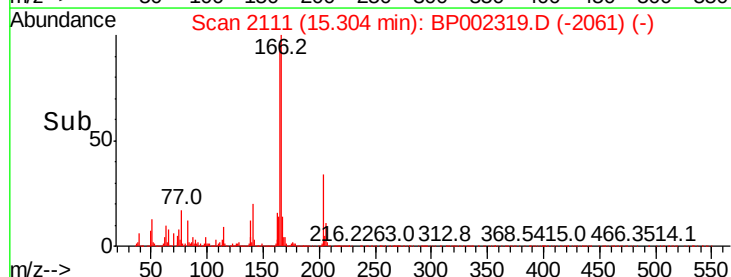
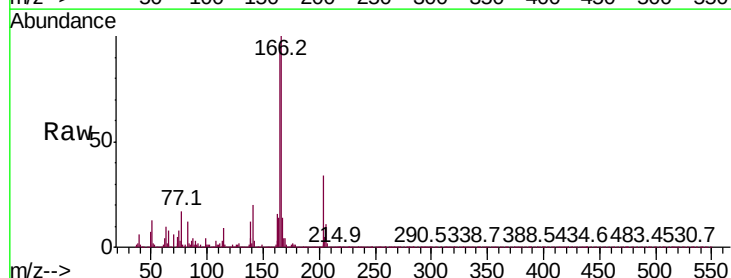
Tgt Ion:166 Resp: 1924779

Ion Ratio Lower Upper

166 100

165 96.1 75.8 113.8

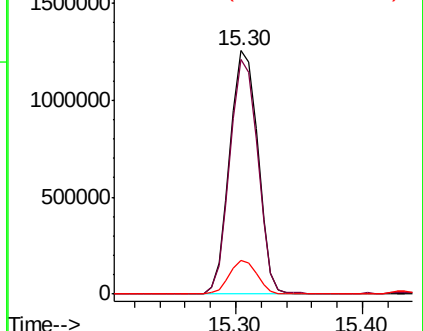
167 13.7 10.6 16.0

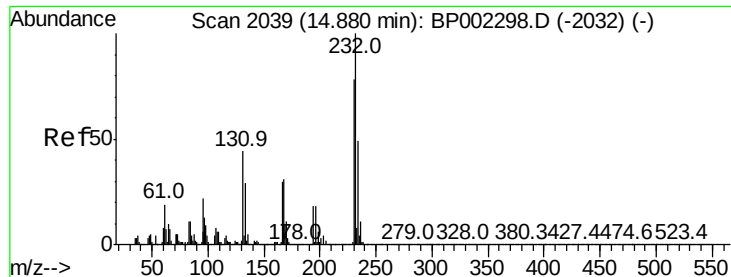


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

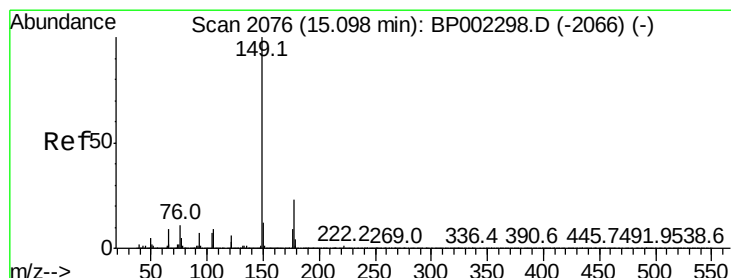
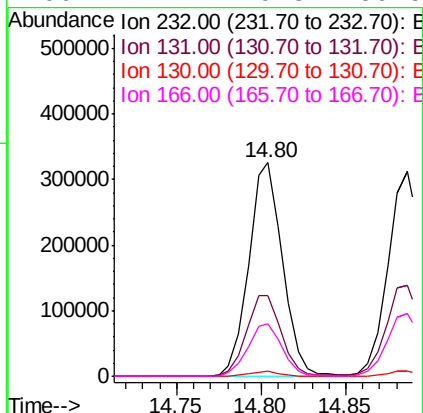
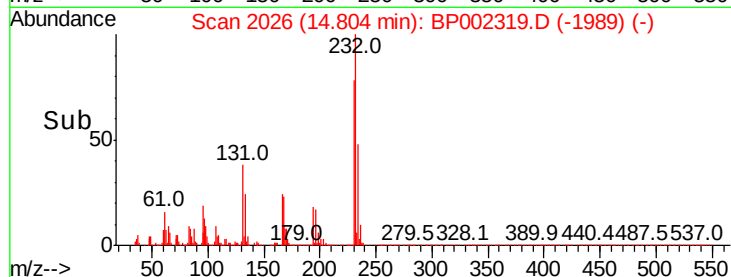
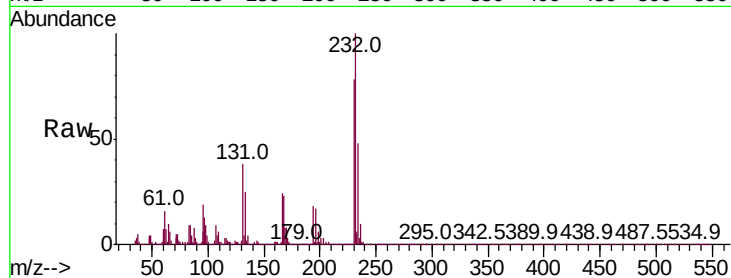




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.707 ng
 RT: 14.80 min Scan# 2026
 Delta R.T. -0.08 min
 Lab File: BP002319.D
 Acq: 29 May 2020 17:28

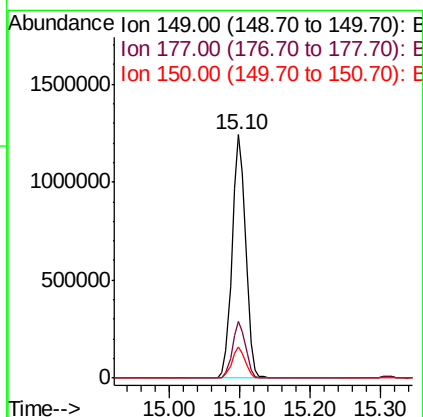
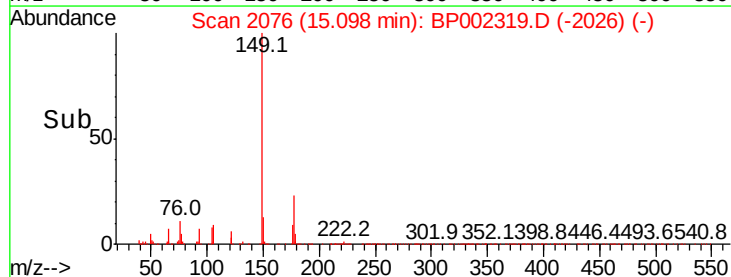
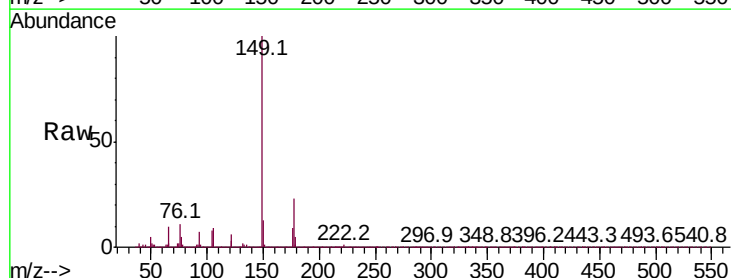
Instrument :
 BNA_P
 ClientSampleId :
 351MSD

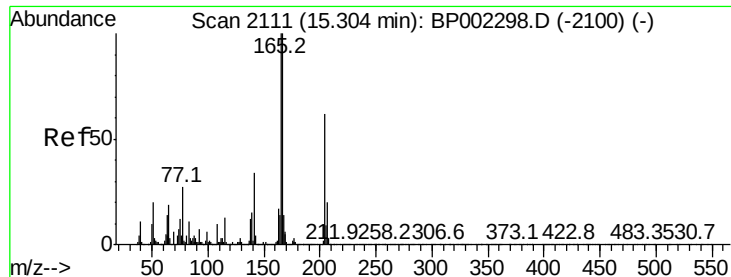
Tot Ion:232	Resp:	452015	
Ion Ratio	Lower	Upper	
232 100			
131 39.1	32.1	48.1	
130 2.2	1.8	2.8	
166 24.7	20.3	30.5	



#60
 Diethylphthalate
 Concen: 37.848 ng
 RT: 15.10 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BP002319.D
 Acq: 29 May 2020 17:28

Tgt Ion:149	Resp: 1654108
Ion Ratio	Lower Upper
149 100	
177 23.2	18.2 27.2
150 12.7	10.2 15.4

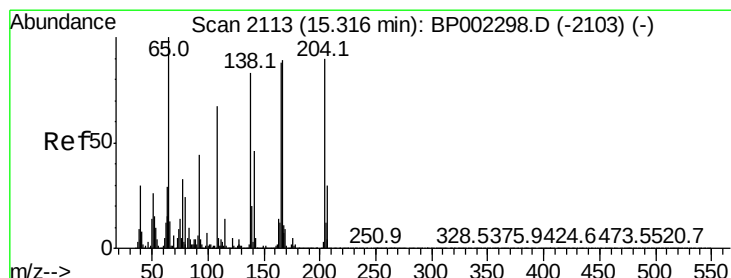
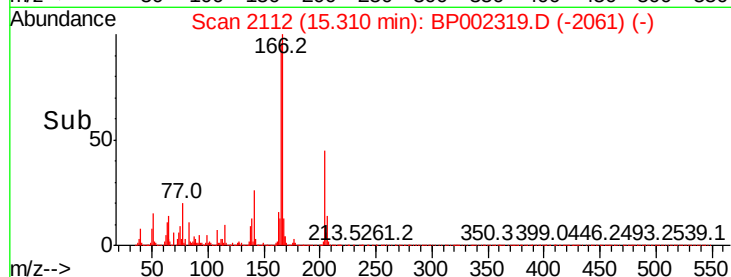
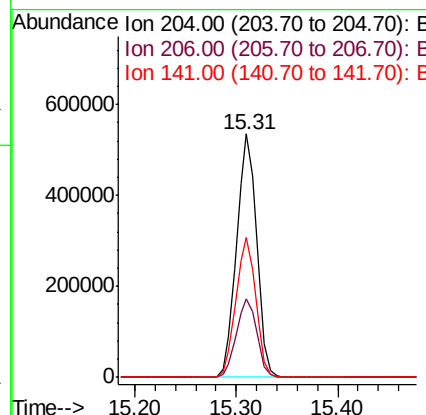
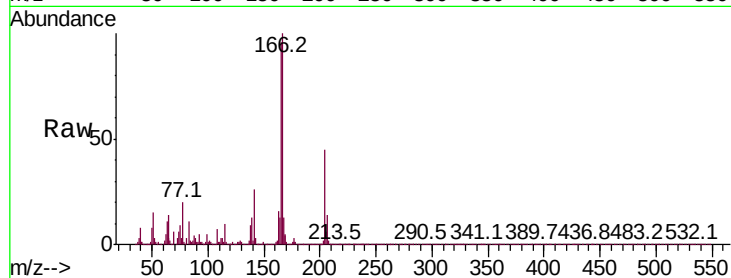




#61
4-Chlorophenyl-phenylether
Concen: 35.221 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

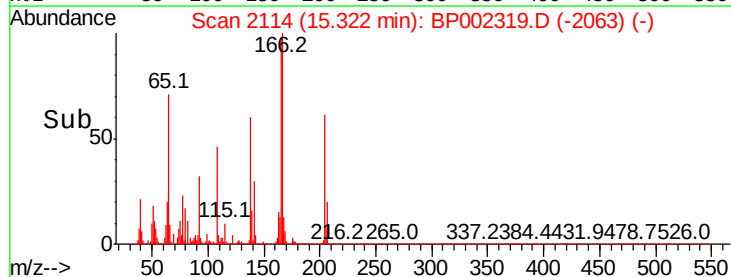
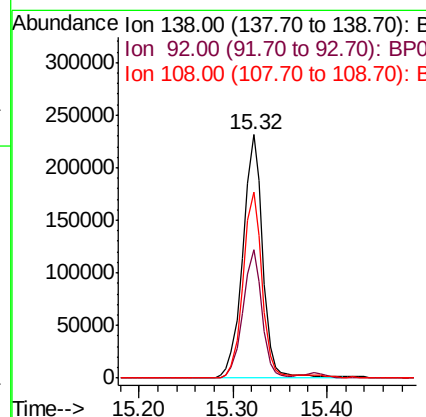
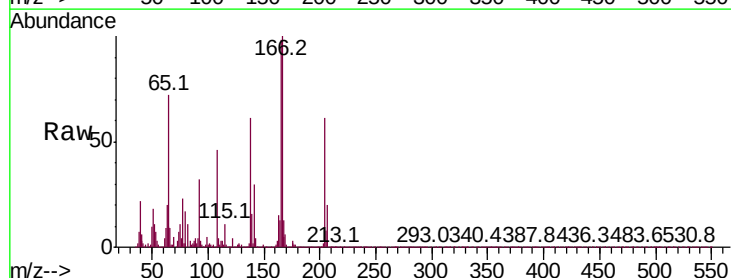
Instrument :
BNA_P
ClientSampleId :
351MSD

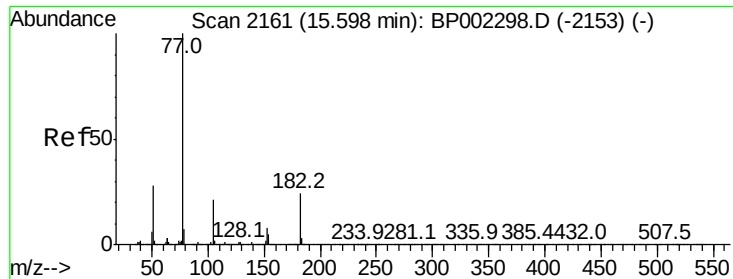
Tot Ion:204 Resp: 733409
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 57.4 45.4 68.0



#62
4-Nitroaniline
Concen: 33.592 ng
RT: 15.32 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:138 Resp: 341234
Ion Ratio Lower Upper
138 100
92 52.7 33.2 73.2
108 76.7 60.3 100.3

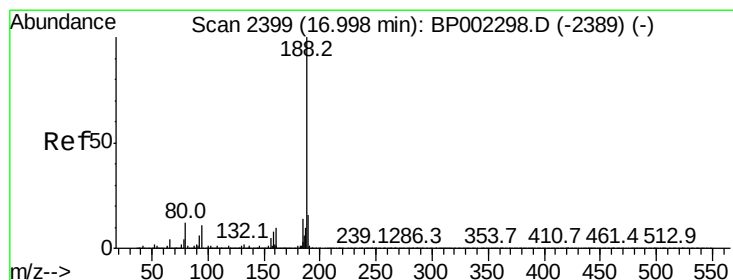
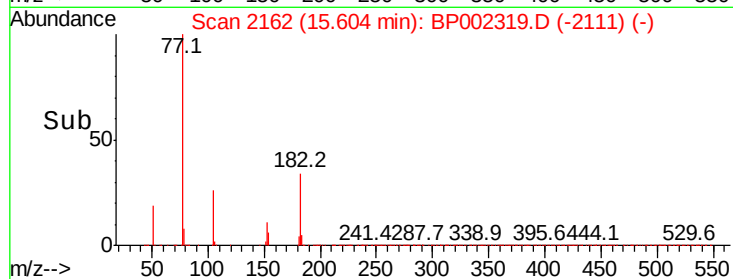
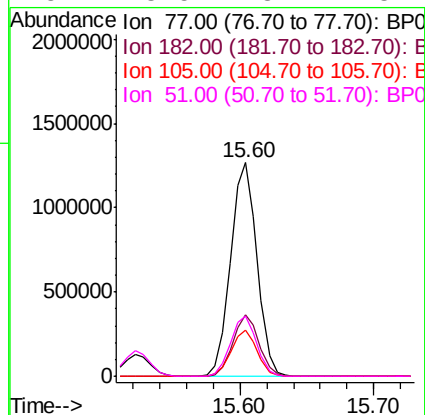
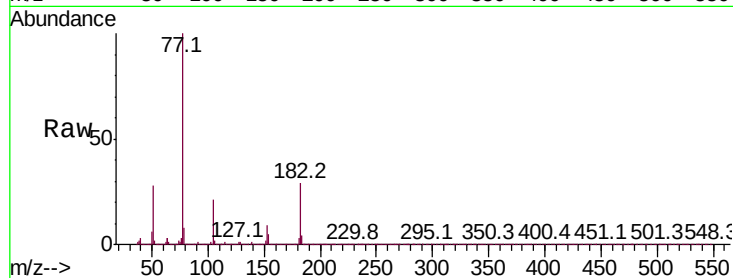




#63
Azobenzene
Concen: 38.944 ng
RT: 15.60 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

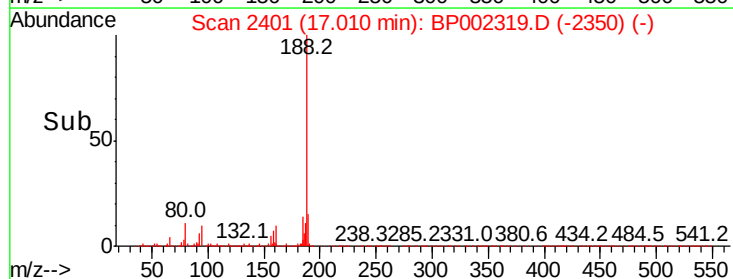
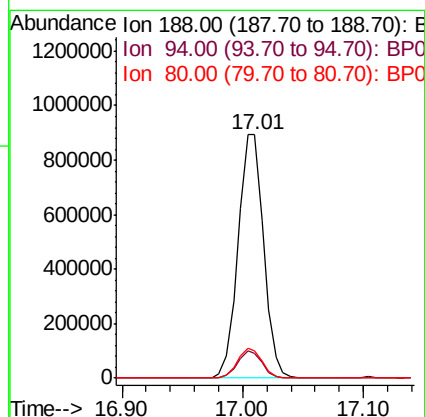
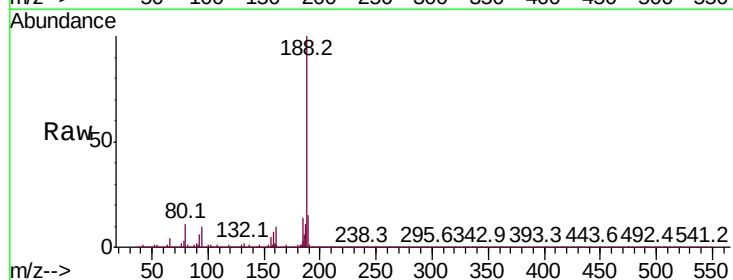
Instrument :
BNA_P
ClientSampleId :
351MSD

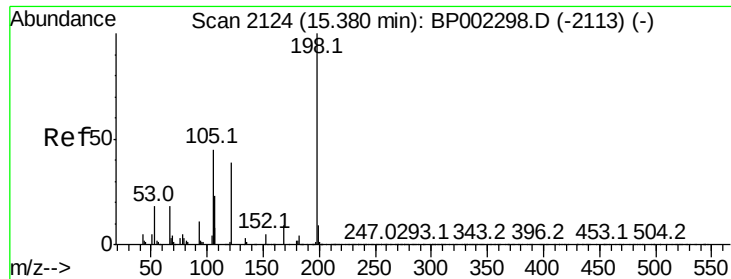
Tot Ion: 77 Resp: 1745314
Ion Ratio Lower Upper
77 100
182 28.6 4.4 44.4
105 21.4 1.1 41.1
51 28.5 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion: 188 Resp: 1317856
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.1 9.3 13.9

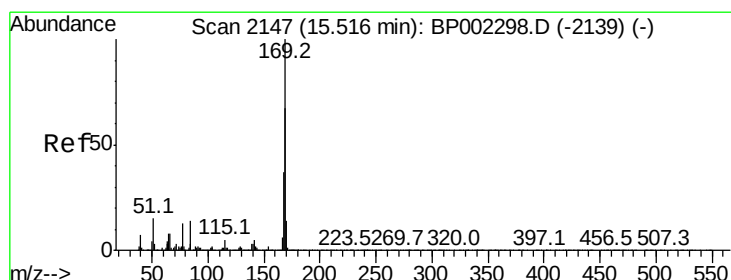
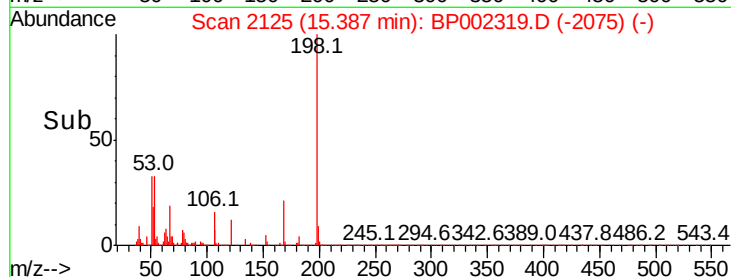
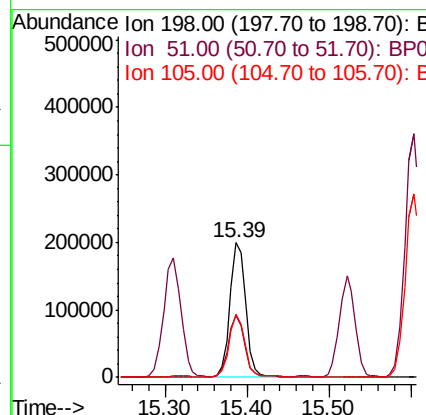
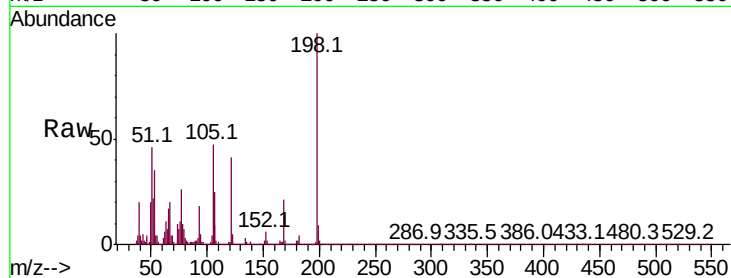




#65
4,6-Dinitro-2-methylphenol
Concen: 41.232 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

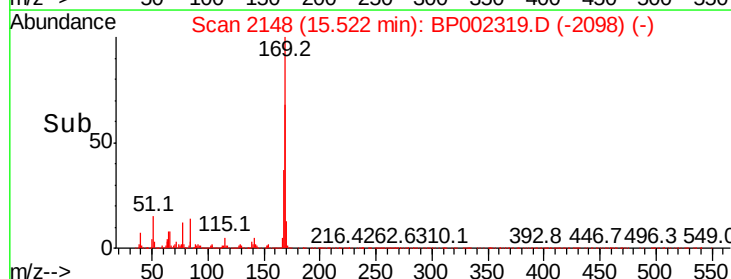
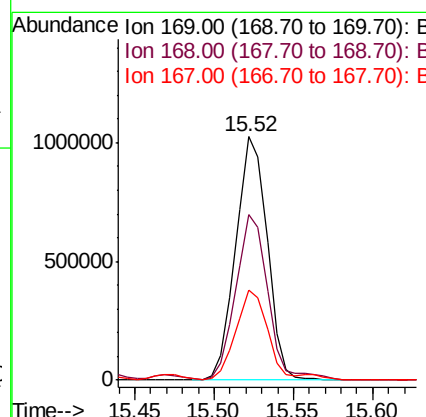
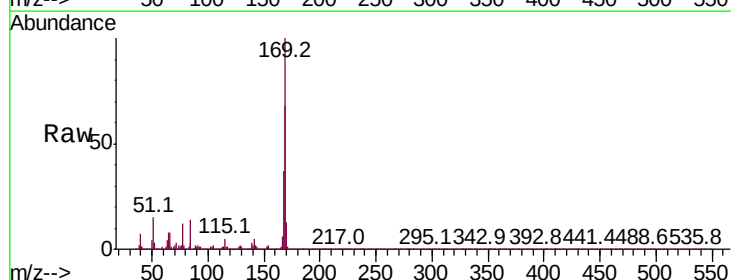
Instrument :
BNA_P
ClientSampleId :
351MSD

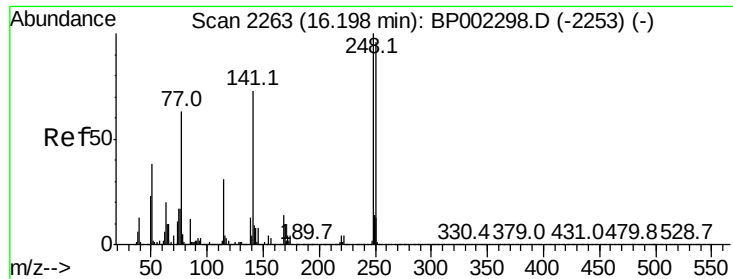
Tot Ion	198	Resp	268709
Ion Ratio	100	Lower	Upper
51	46.1	25.4	65.4
105	46.6	26.3	66.3



#66
n-Nitrosodiphenylamine
Concen: 40.718 ng
RT: 15.52 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion	169	Resp	1408966
Ion Ratio <th>100</th> <th>Lower</th> <th>Upper</th>	100	Lower	Upper
168	68.2	53.7	80.5
167	37.1	29.8	44.8

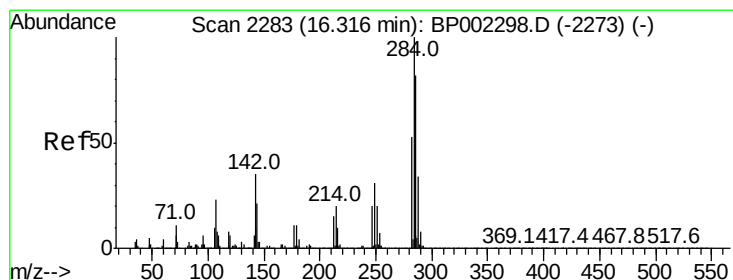
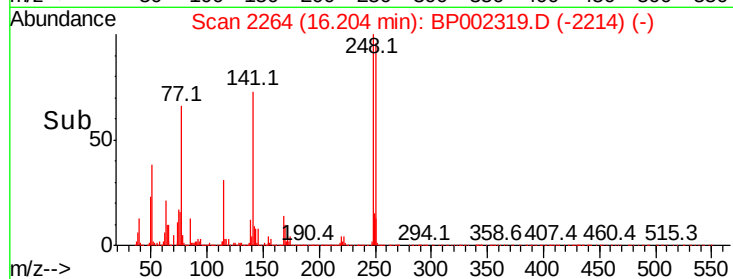
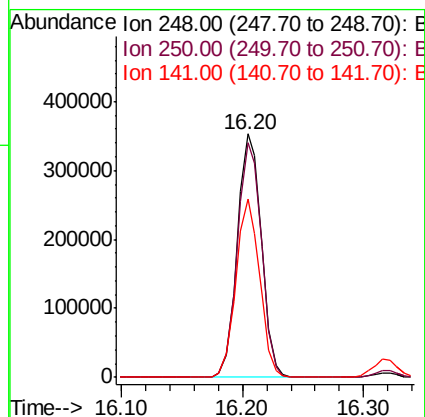
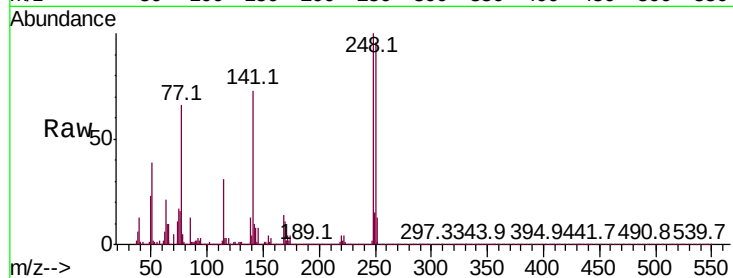




#67
4-Bromophenyl-phenylether
Concen: 37.866 ng
RT: 16.20 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

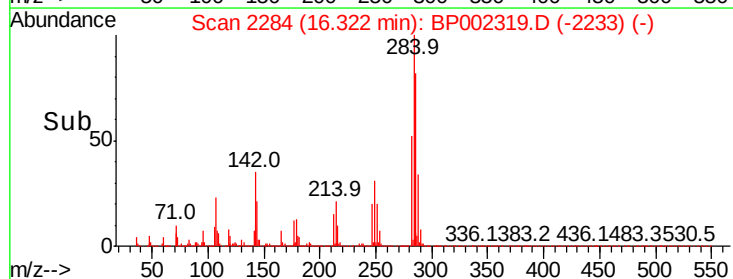
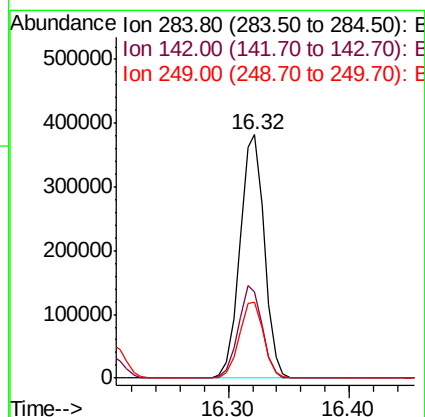
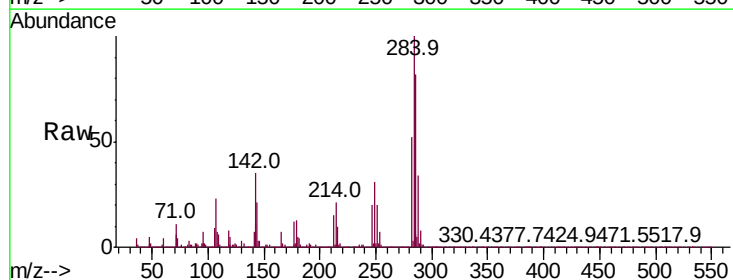
Instrument :
BNA_P
ClientSampleId :
351MSD

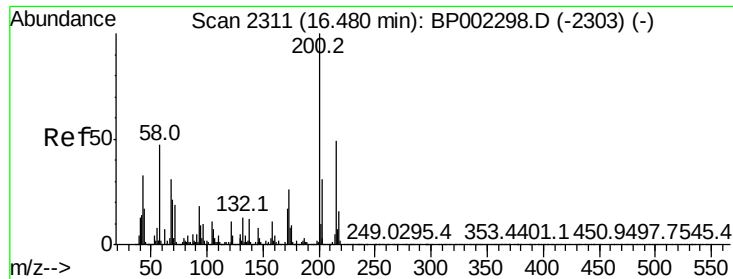
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.5	116.3
141	73.3	58.4	87.6



#68
Hexachlorobenzene
Concen: 39.074 ng
RT: 16.32 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	27.0	40.4
249	31.2	24.6	37.0





#69

Atrazine

Concen: 40.728 ng

RT: 16.49 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

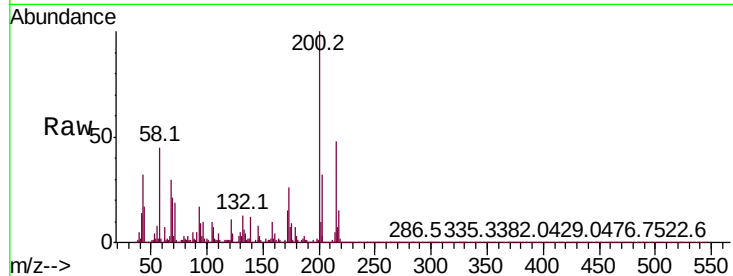
Tot Ion:200 Resp: 449592

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

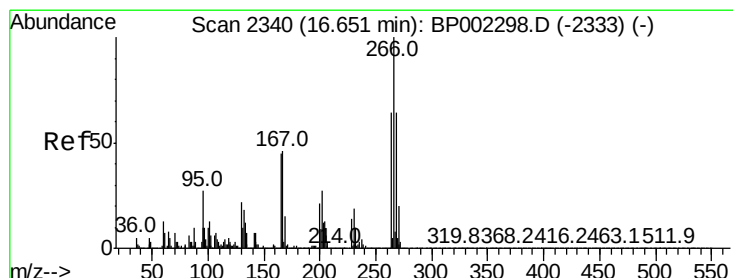
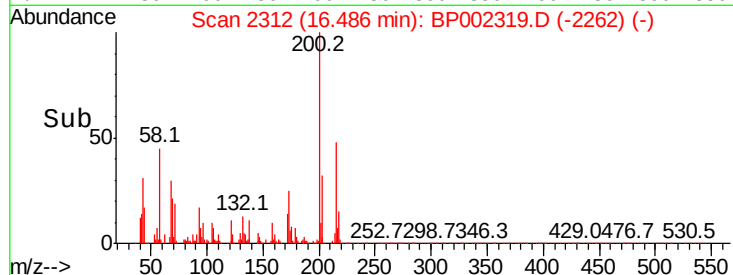
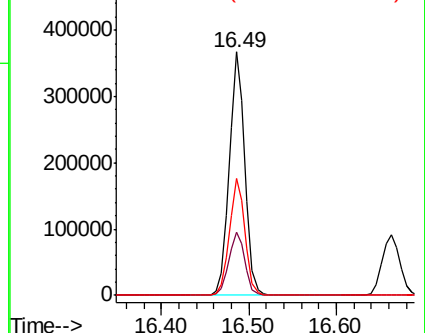
215 48.1 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.039 ng

RT: 16.66 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

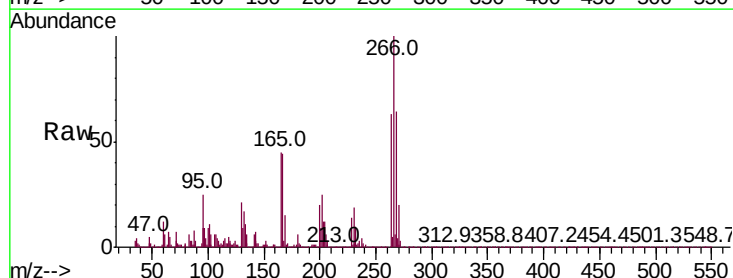
Tgt Ion:266 Resp: 668092

Ion Ratio Lower Upper

266 100

268 64.3 51.2 76.8

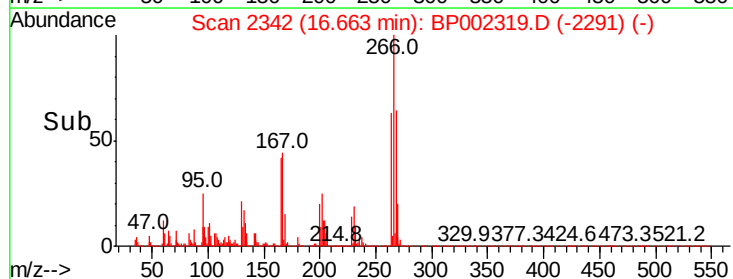
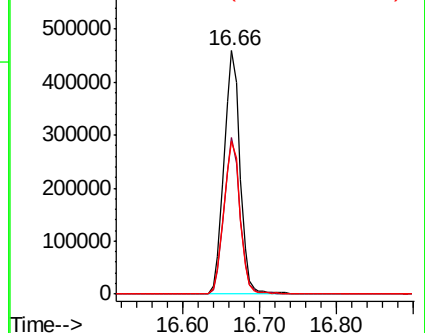
264 62.8 48.3 72.5

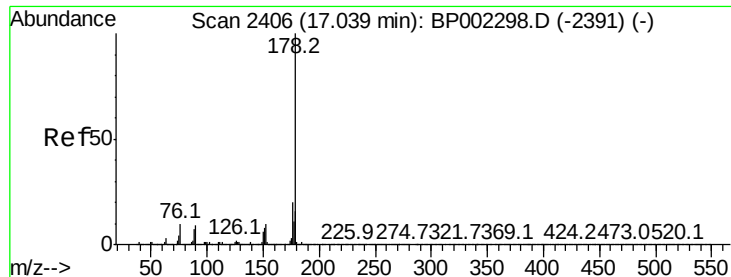


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 64.863 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

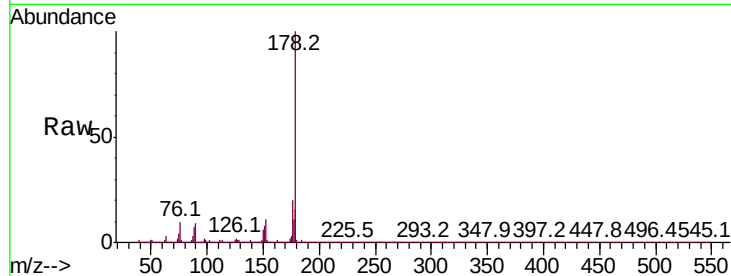
Tot Ion:178 Resp: 4048958

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

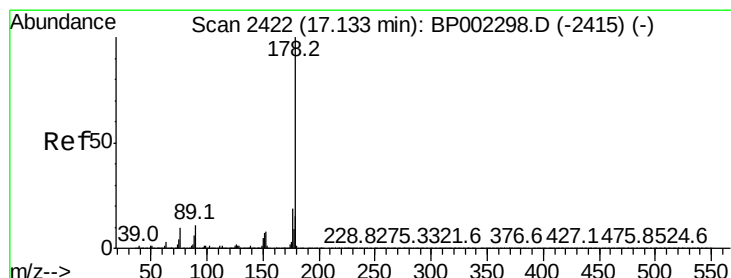
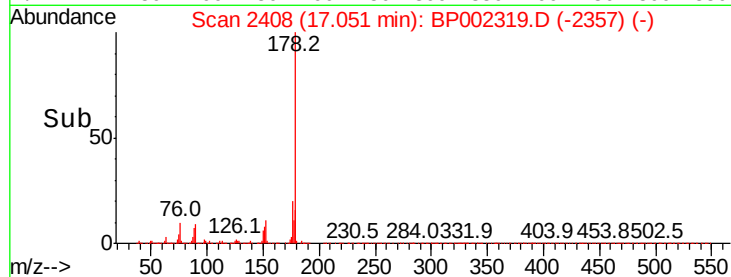
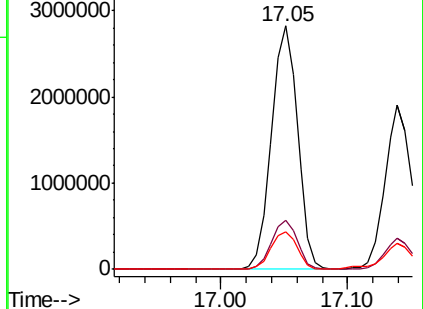
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.985 ng

RT: 17.14 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

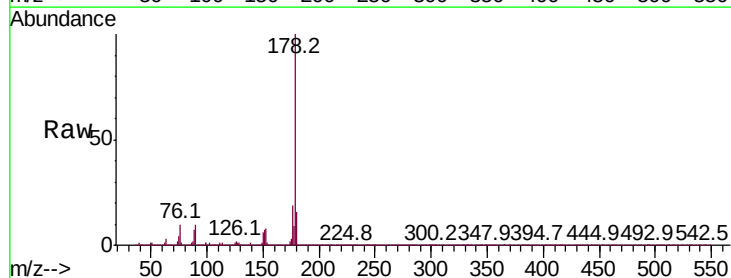
Tgt Ion:178 Resp: 2763107

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

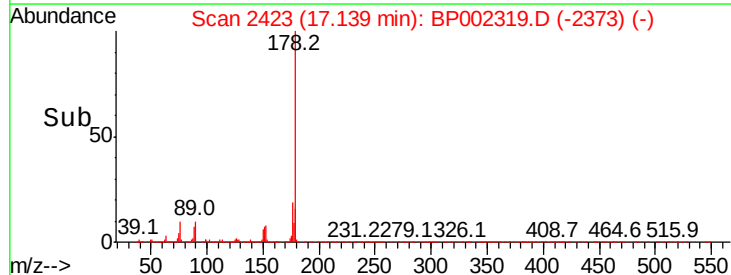
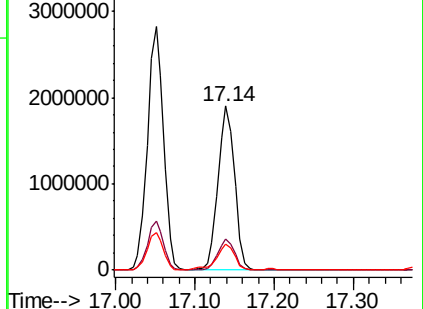
179 15.7 12.6 19.0

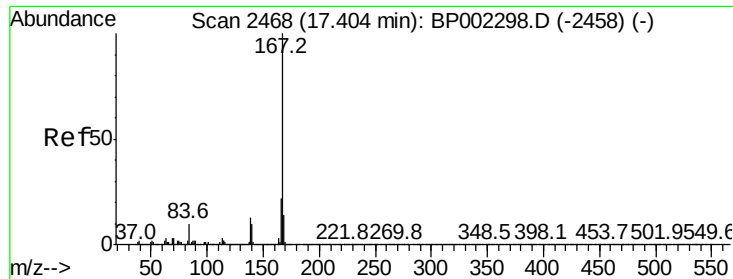


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.586 ng

RT: 17.41 min Scan# 2469

Delta R.T. -0.01 min

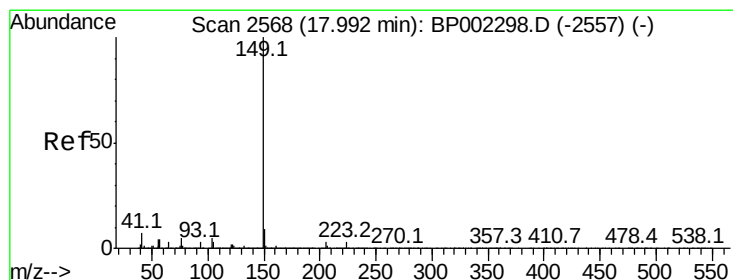
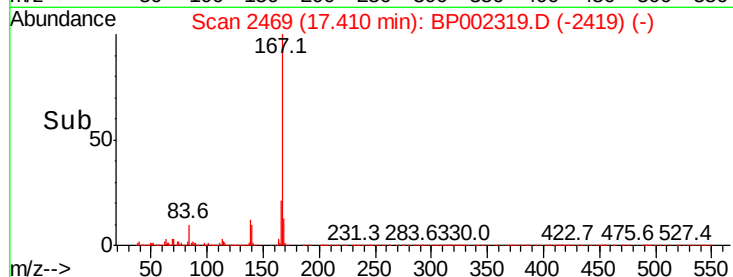
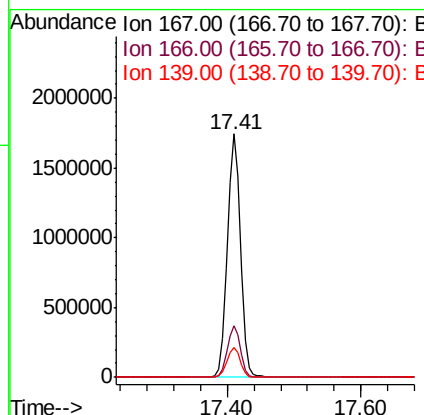
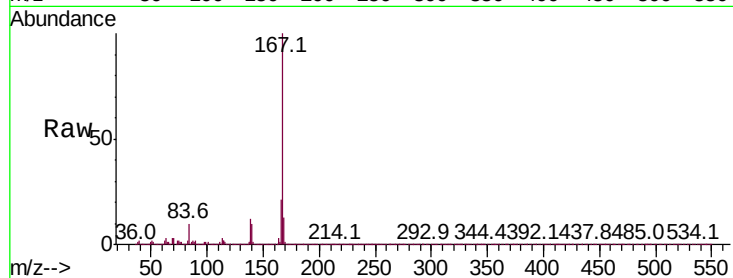
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :
BNA_P
ClientSampleId :
351MSD

Tot Ion:167 Resp: 2437715

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.7	25.1
139	12.4	9.8	14.8



#74

Di-n-butylphthalate

Concen: 41.029 ng

RT: 18.00 min Scan# 2569

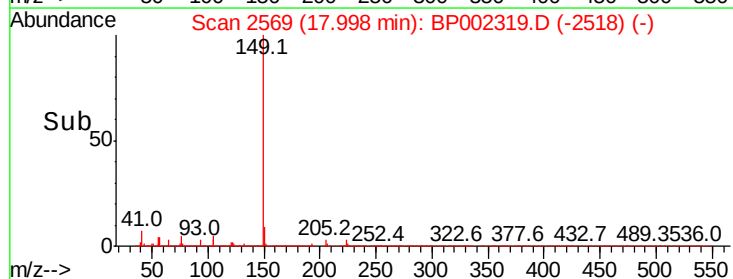
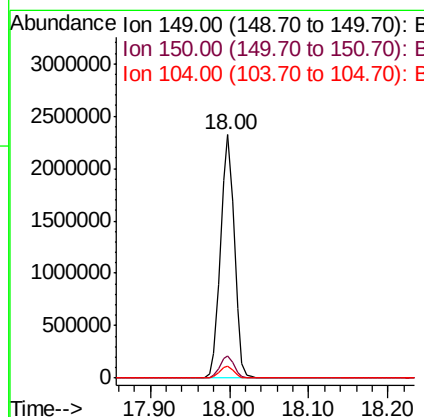
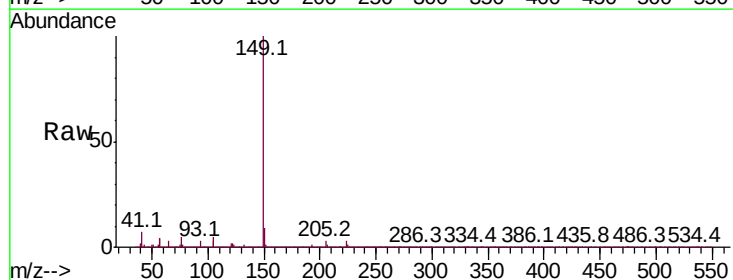
Delta R.T. -0.00 min

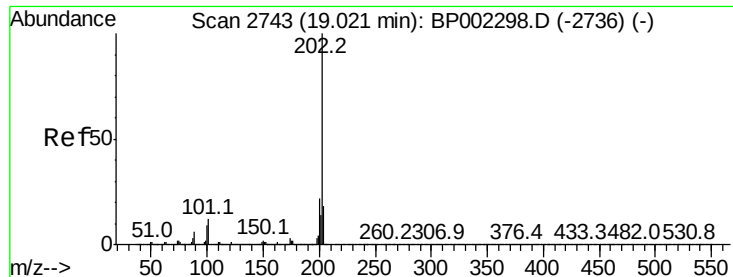
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:149 Resp: 2803699

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 65.127 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

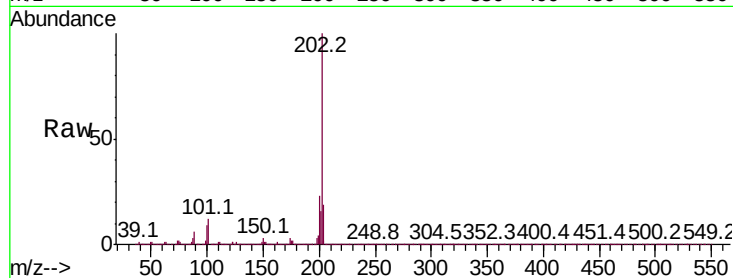
BNA_P

ClientSampleId :

351MSD

Tot Ion:202 Resp: 4682524

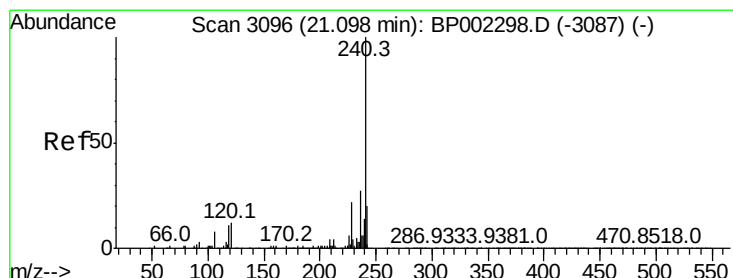
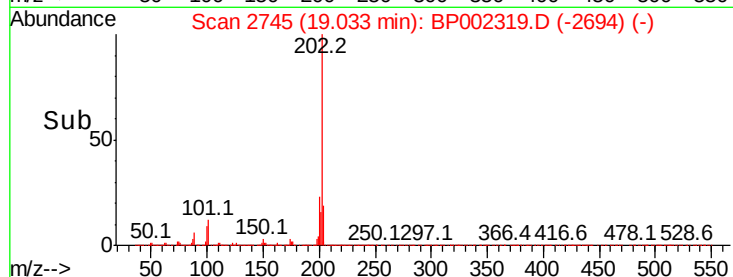
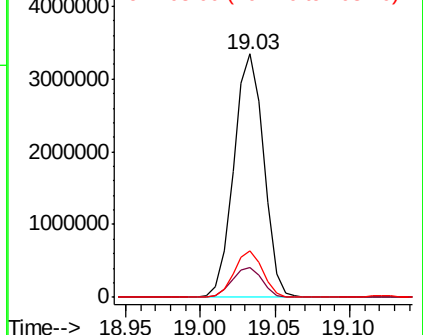
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.1
203	19.3	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.11 min Scan# 3098

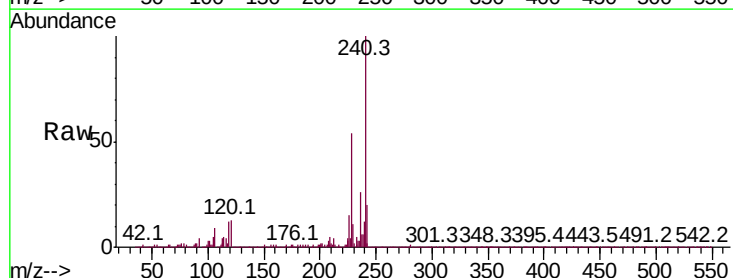
Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:240 Resp: 1151585

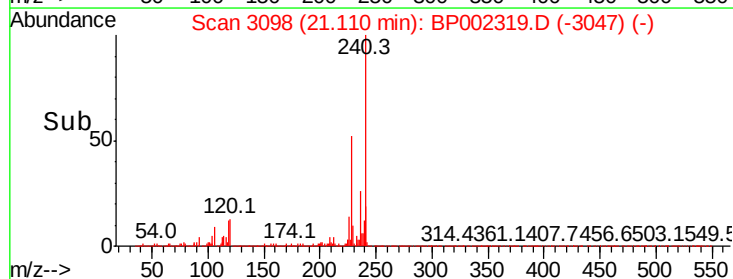
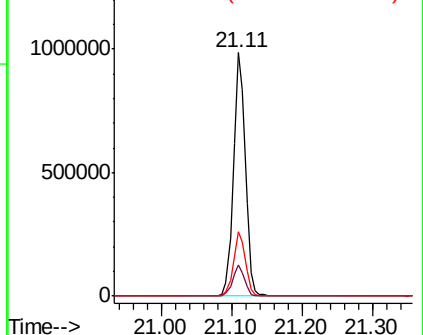
Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.7	13.1
236	26.2	21.0	31.4

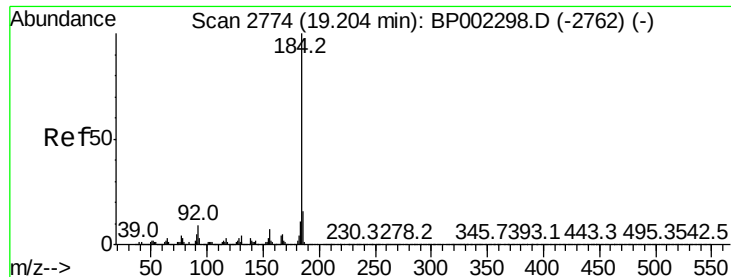


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.876 ng

RT: 19.22 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

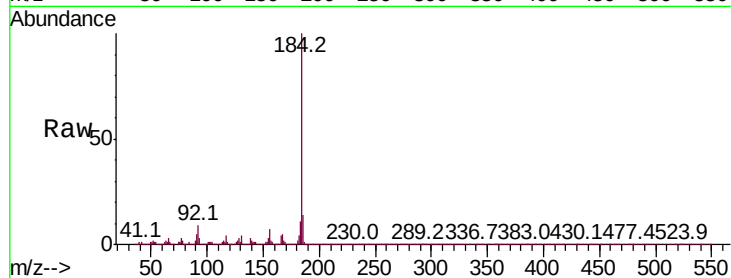
Tot Ion:184 Resp: 1563955

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.1	18.1
183	11.4	9.1	13.7

184 100

185 14.3 12.1 18.1

183 11.4 9.1 13.7

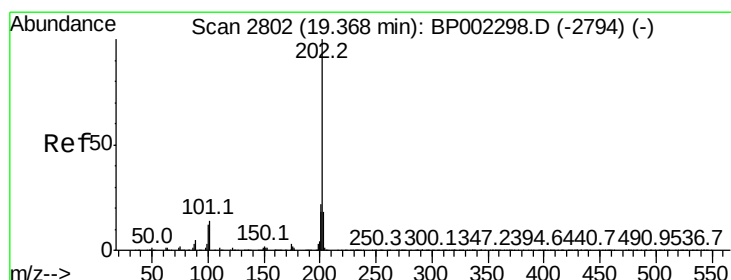
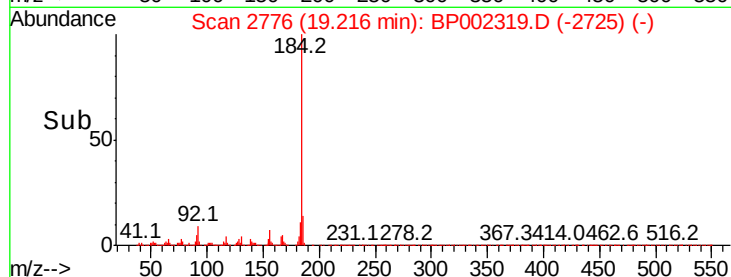
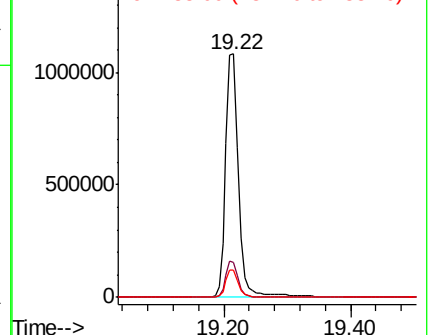


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 58.429 ng

RT: 19.39 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

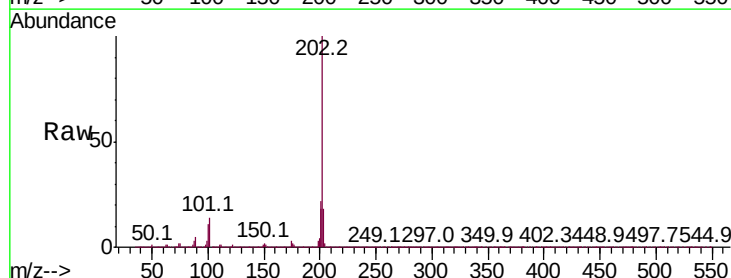
Tgt Ion:202 Resp: 4189858

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.3	25.9
203	18.1	13.8	20.6

202 100

200 22.2 17.3 25.9

203 18.1 13.8 20.6

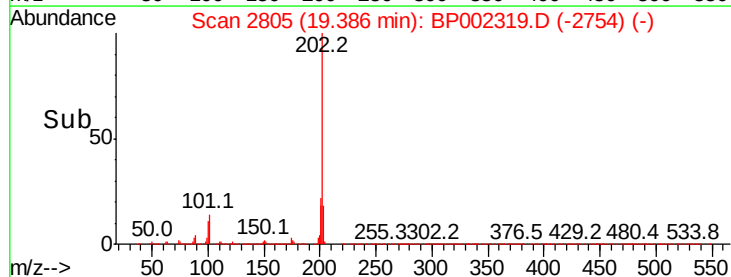
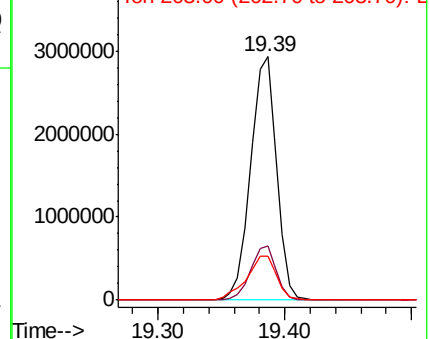


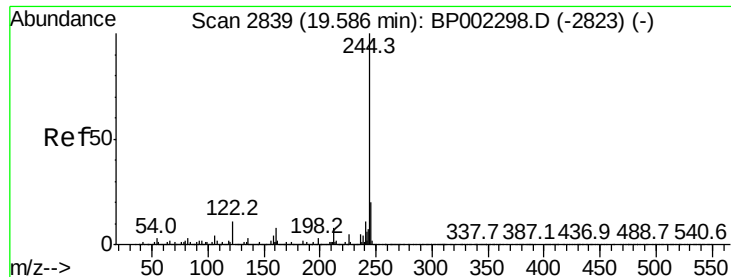
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.080 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

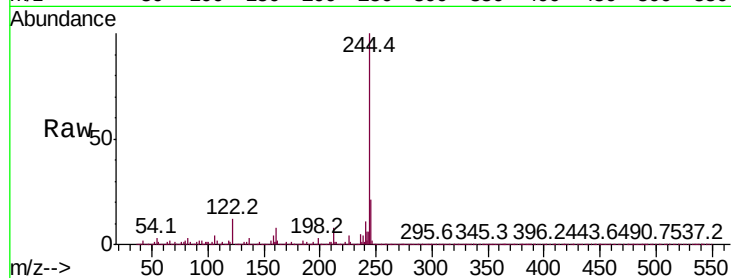
Tot Ion:244 Resp: 3284939

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

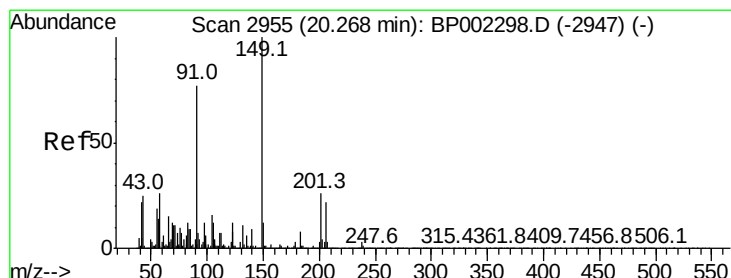
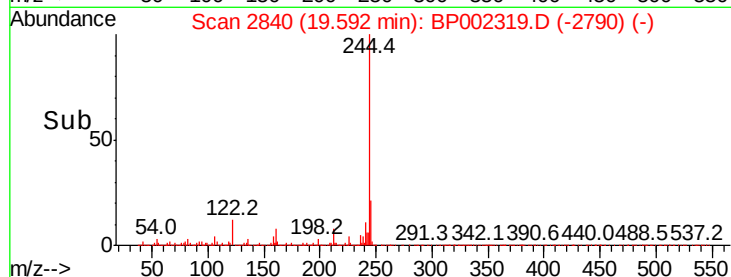
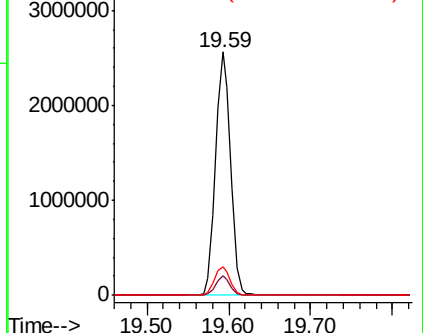
122 11.9 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.092 ng

RT: 20.28 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

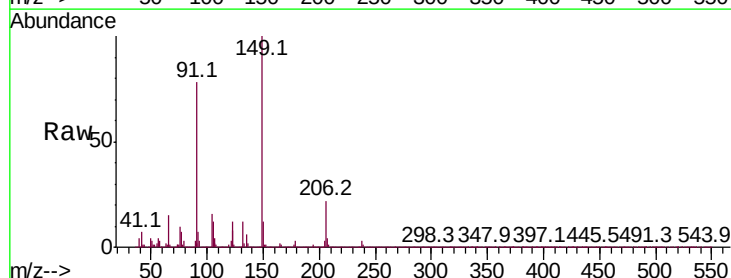
Tgt Ion:149 Resp: 1230281

Ion Ratio Lower Upper

149 100

91 78.0 56.6 84.8

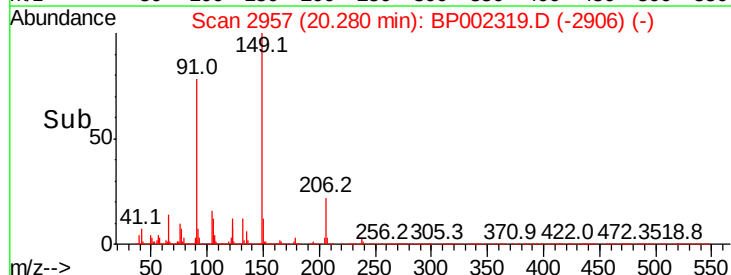
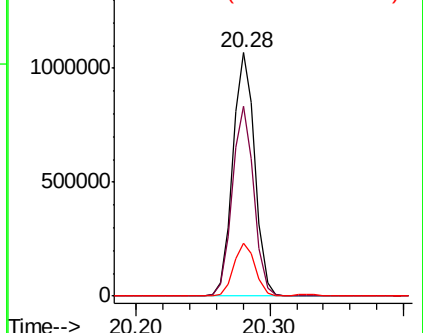
206 21.6 18.7 28.1

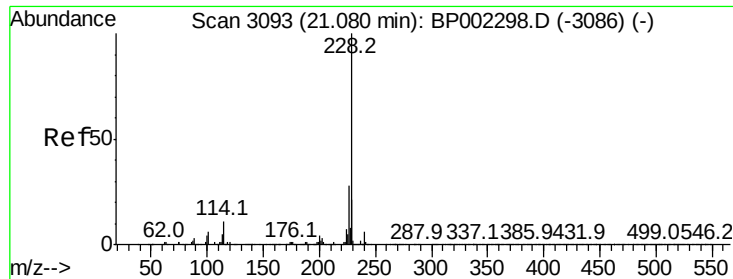


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.017 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

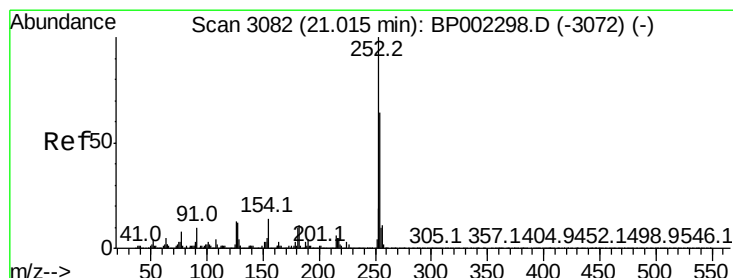
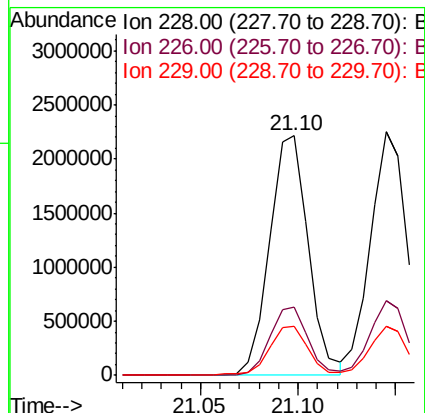
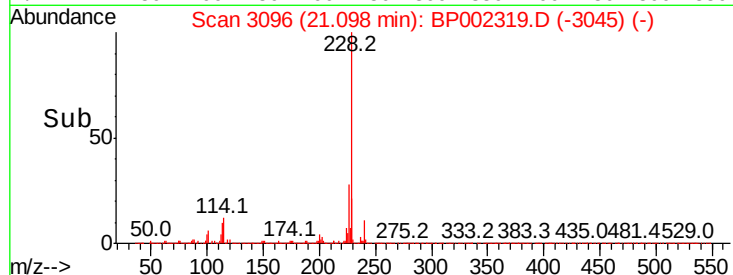
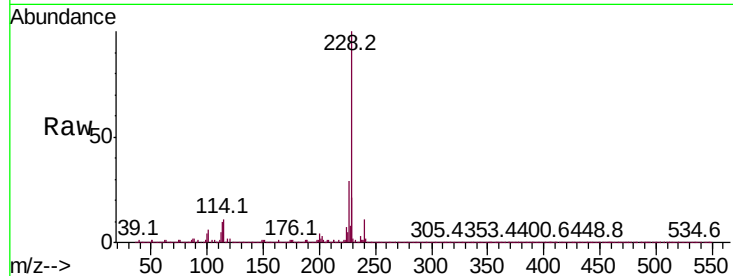
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :
BNA_P
ClientSampleId :
351MSD

Tot Ion:228 Resp: 3033468

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.7	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 30.743 ng

RT: 21.03 min Scan# 3085

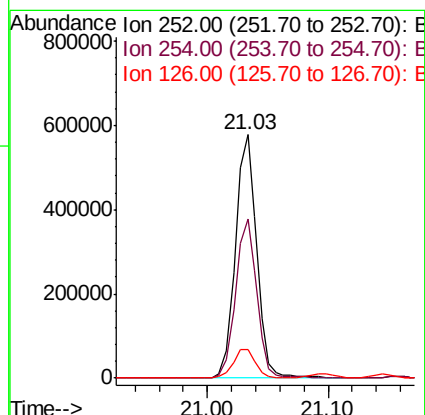
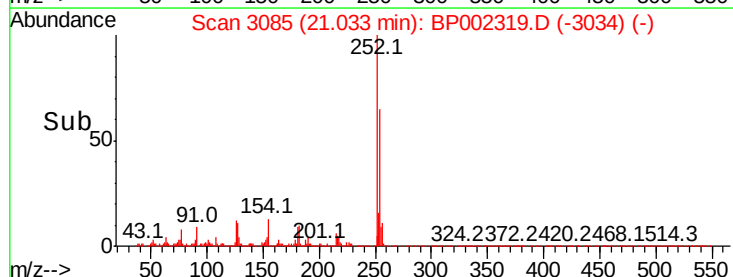
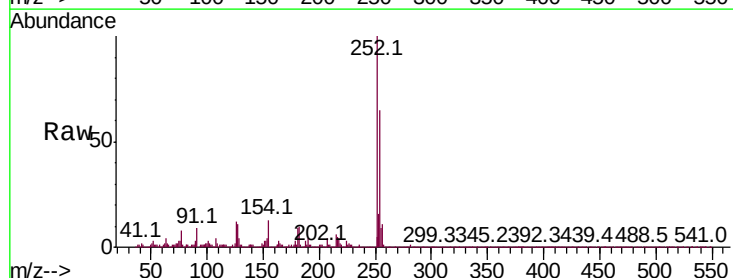
Delta R.T. -0.00 min

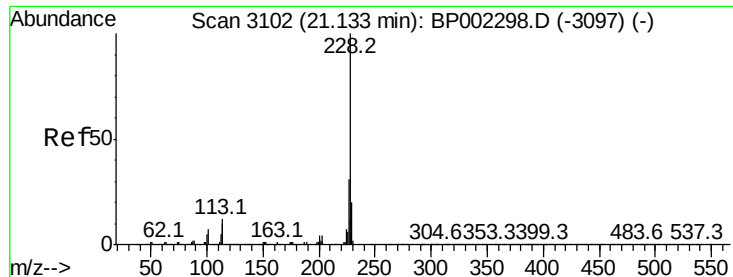
Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:252 Resp: 710027

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.2
126	11.6	8.3	12.5

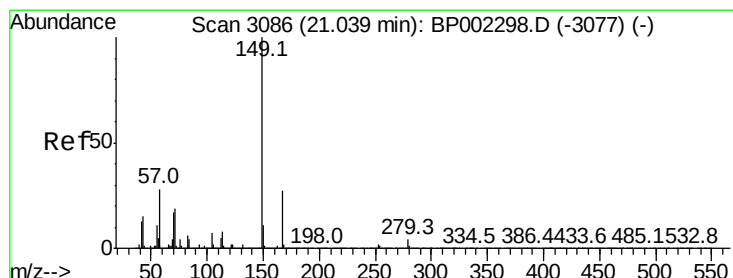
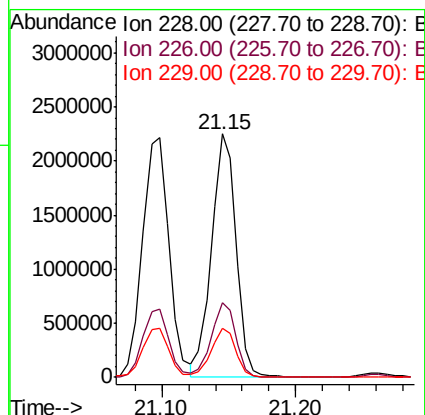
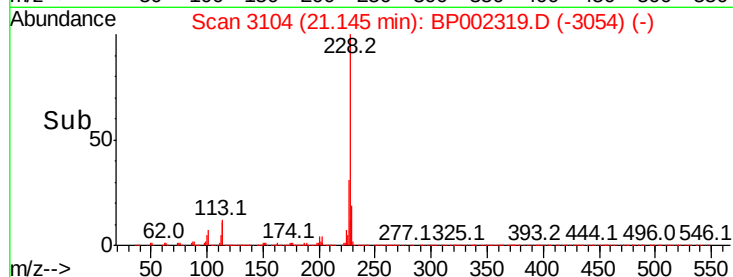
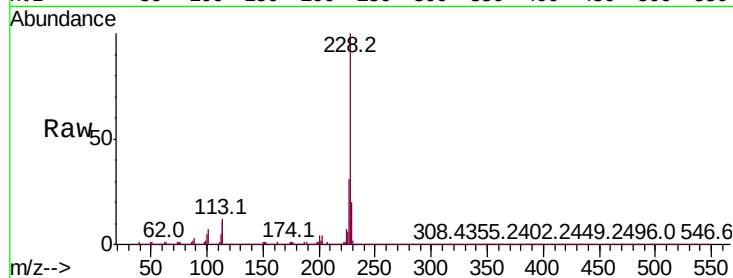




#83
Chrysene
Concen: 45.631 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

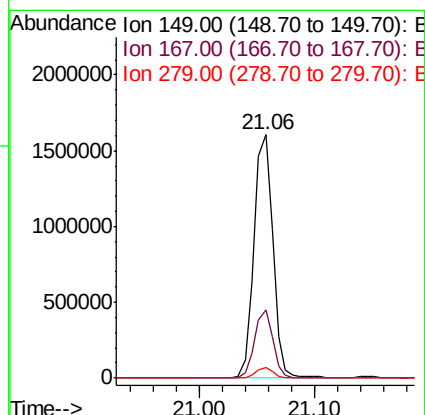
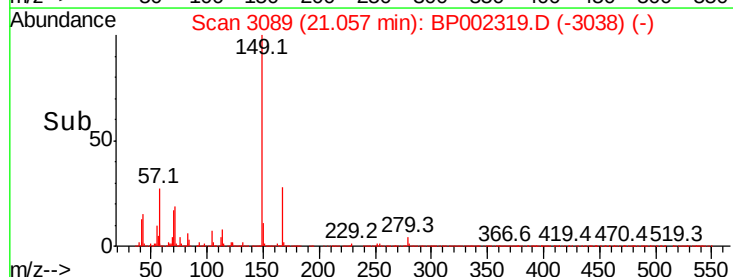
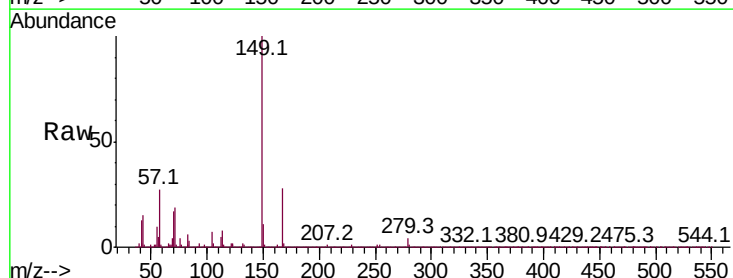
Instrument :
BNA_P
ClientSampleId :
351MSD

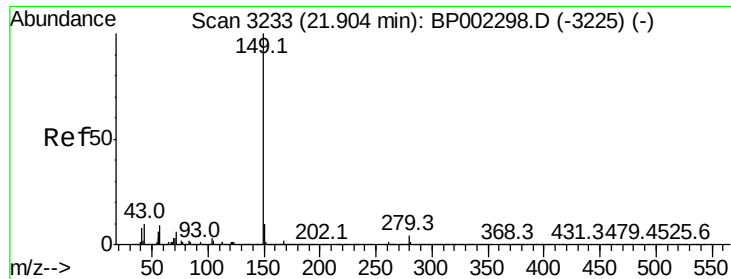
Tot Ion:228 Resp: 2886838
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 20.1 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.209 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:149 Resp: 1841444
Ion Ratio Lower Upper
149 100
167 28.0 23.0 34.6
279 4.3 3.9 5.9

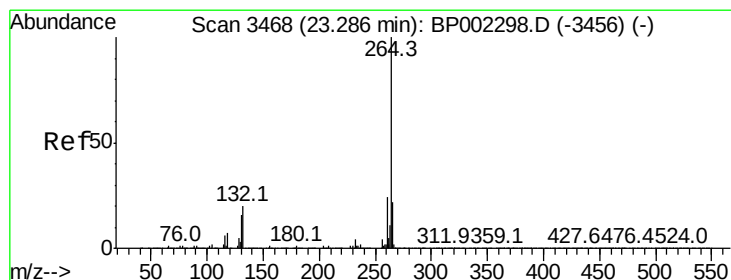
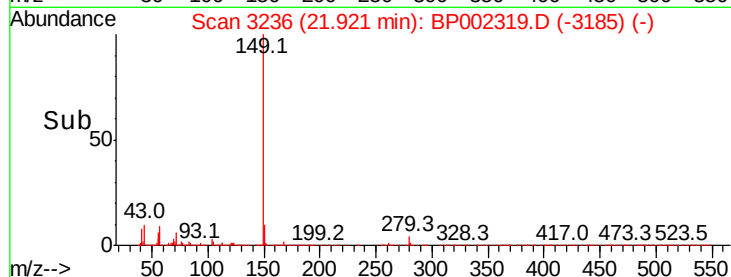
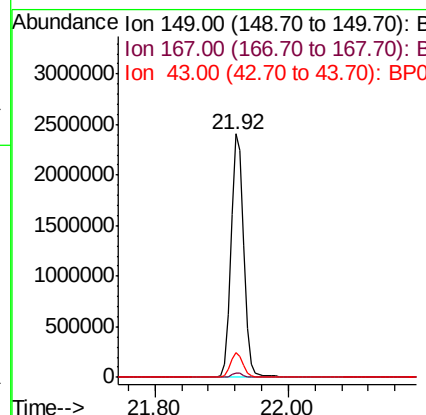
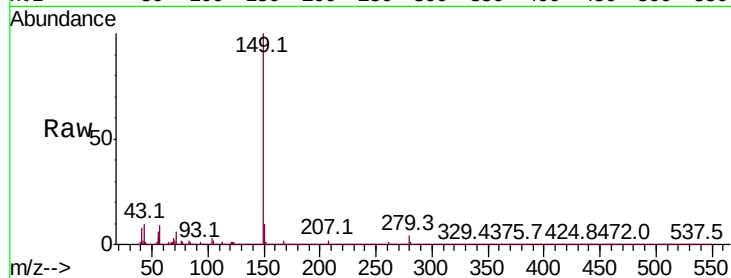




#85
Di-n-octyl phthalate
Concen: 44.515 ng
RT: 21.92 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

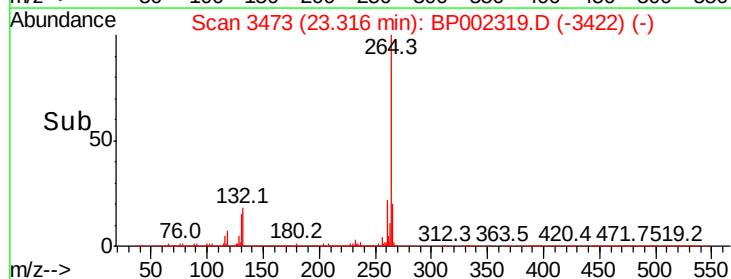
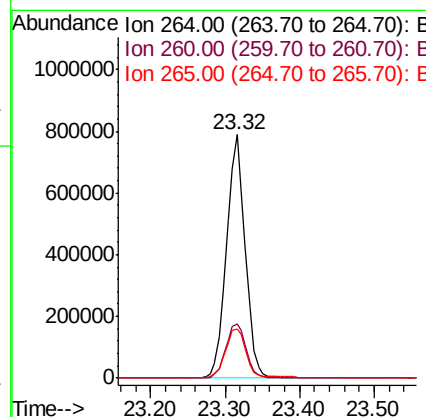
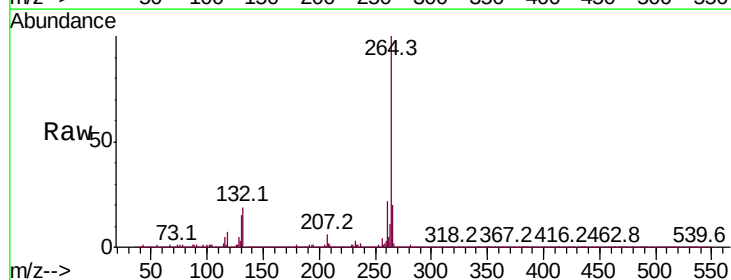
Instrument :
BNA_P
ClientSampleId :
351MSD

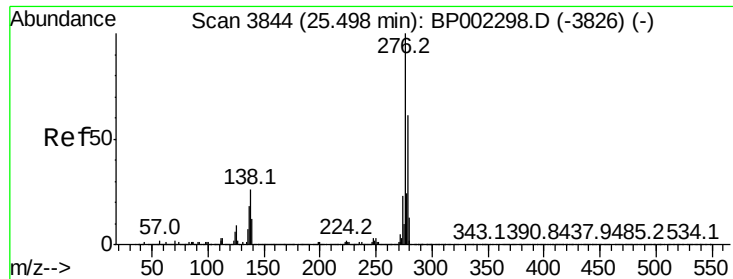
Tot Ion:149 Resp: 3227776
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BP002319.D
Acq: 29 May 2020 17:28

Tgt Ion:264 Resp: 1375882
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 20.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.117 ng

RT: 25.54 min Scan# 3852

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

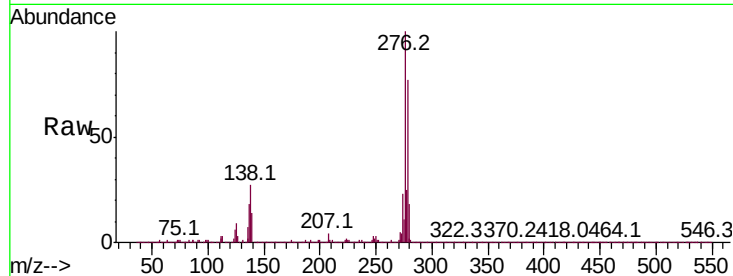
Tot Ion:276 Resp: 3671933

Ion Ratio Lower Upper

276 100

138 27.7 18.2 27.4#

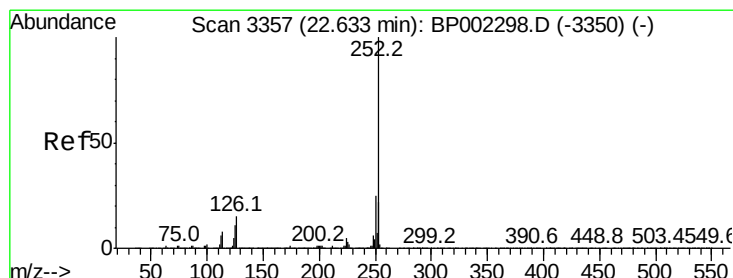
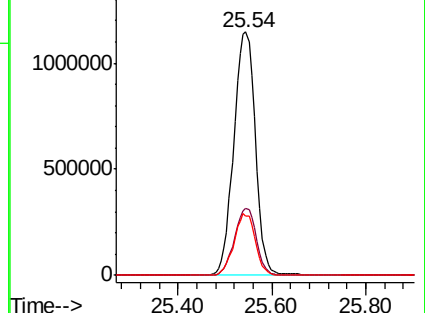
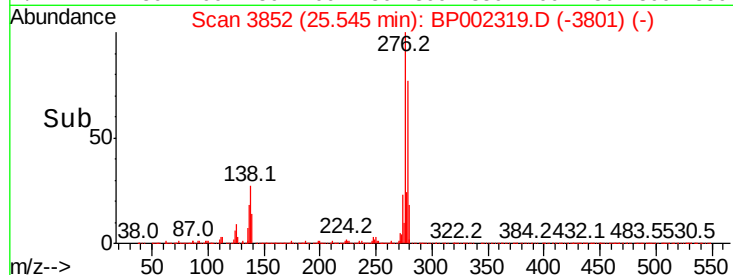
277 24.8 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 39.226 ng

RT: 22.70 min Scan# 3369

Delta R.T. 0.05 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

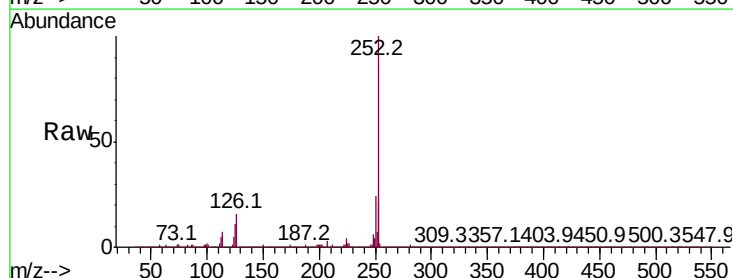
Tgt Ion:252 Resp: 2942464

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

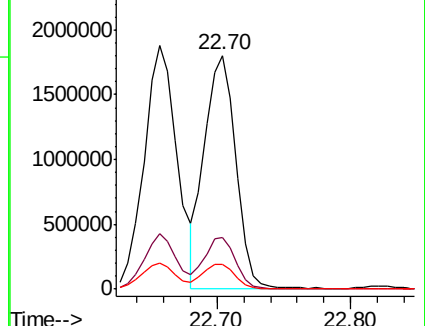
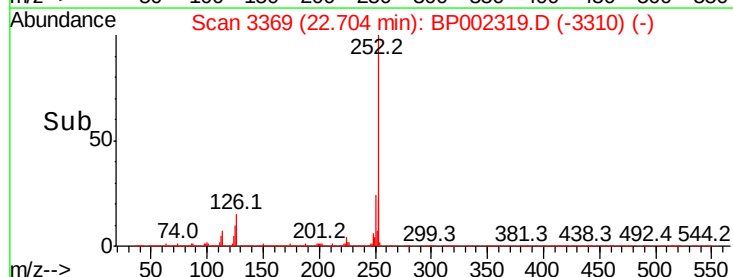
125 10.5 7.2 10.8

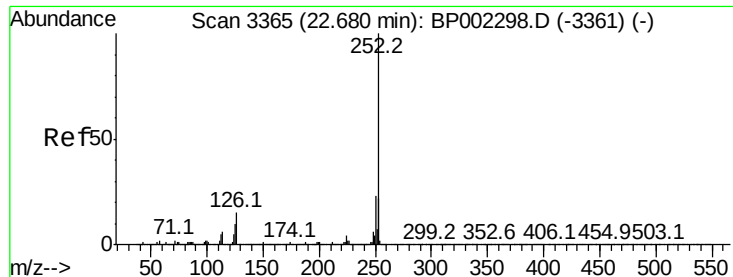


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.877 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

BNA_P

ClientSampleId :

351MSD

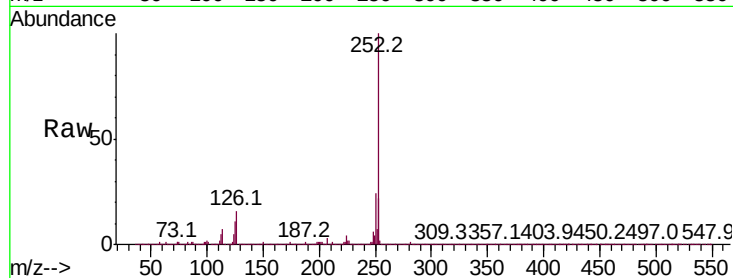
Tot Ion:252 Resp: 2942464

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

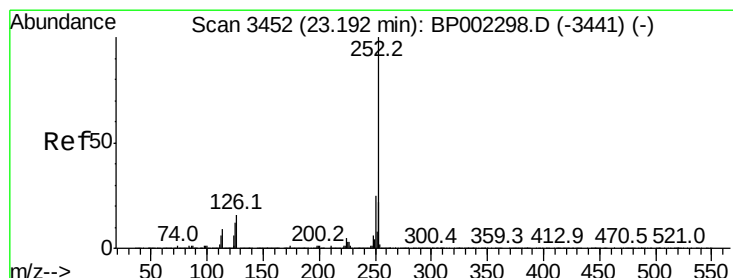
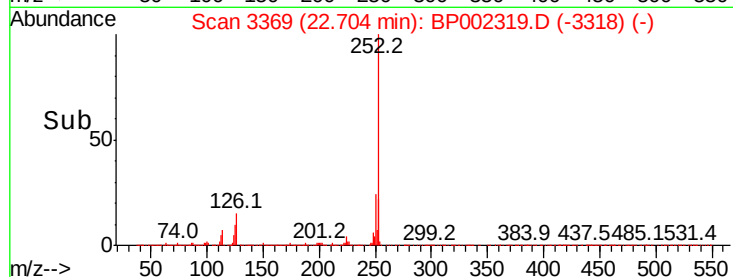
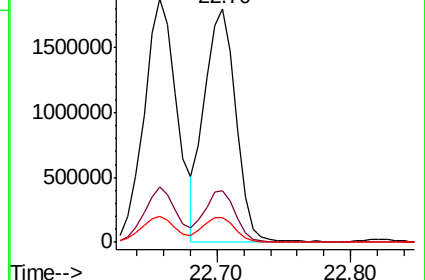
125 10.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.288 ng

RT: 23.22 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

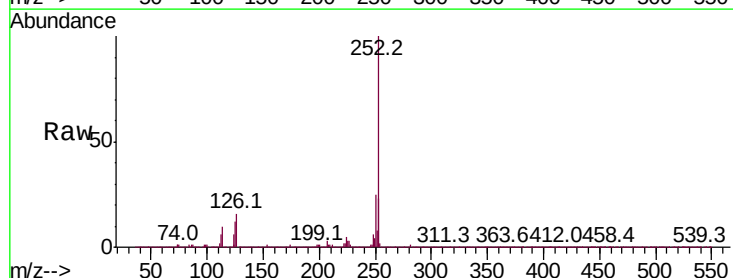
Tgt Ion:252 Resp: 2872963

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

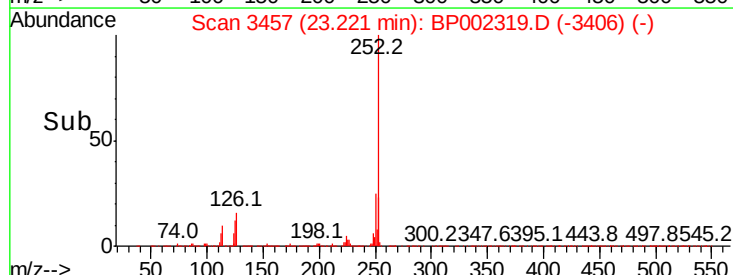
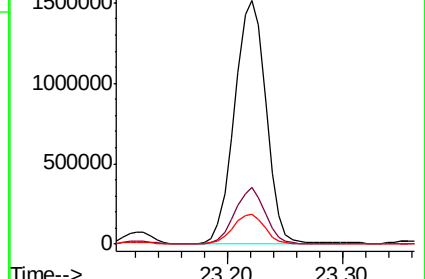
125 12.3 8.4 12.6

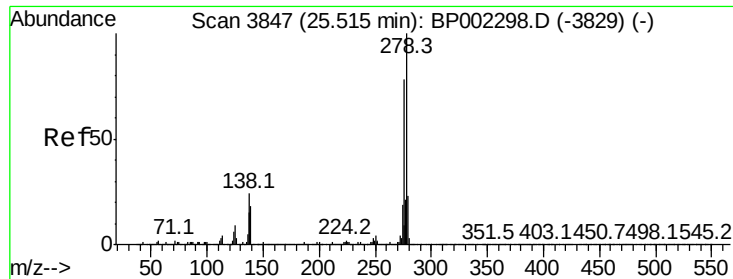


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.360 ng

RT: 25.56 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Instrument :

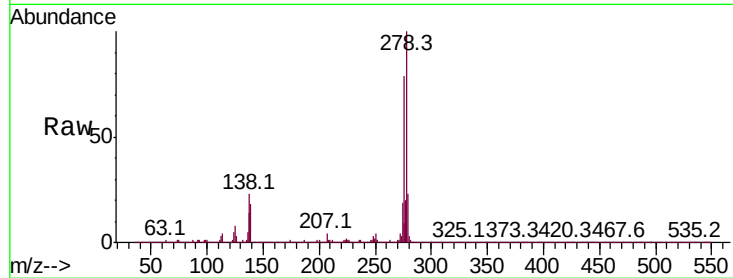
BNA_P

ClientSampleId :

351MSD

Tot Ion:278 Resp: 3010758

Ion	Ratio	Lower	Upper
278	100		
139	18.0	11.3	16.9#
279	22.5	18.9	28.3

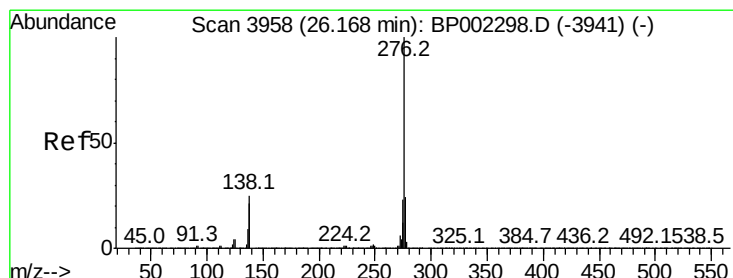
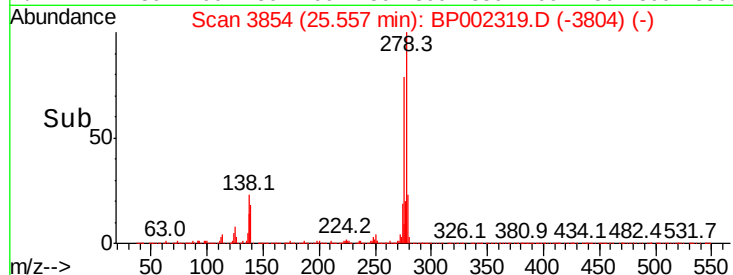
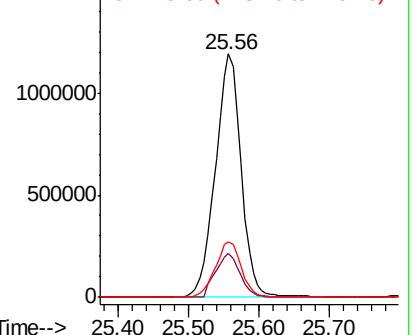


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.256 ng

RT: 26.22 min Scan# 3966

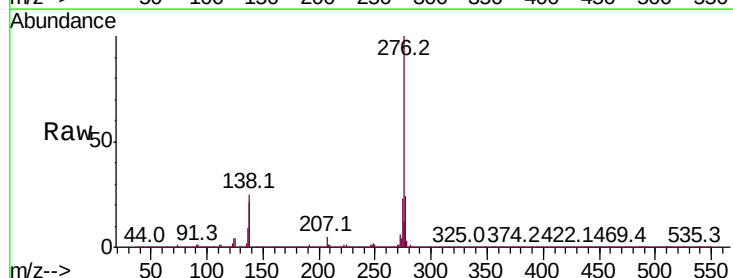
Delta R.T. -0.00 min

Lab File: BP002319.D

Acq: 29 May 2020 17:28

Tgt Ion:276 Resp: 3134573

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	24.9	16.0	24.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

