

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP052920\
 Data File : BP002316.D
 Acq On : 29 May 2020 15:46
 Operator : CG/JU
 Sample : PB129148BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

Quant Time: May 29 16:17:45 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	260482	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1069864	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	613448	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1254974	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1075417	20.00	ng	0.00
86) Perylene-d12	23.32	264	1240463	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1894631	136.61	ng	0.00
7) Phenol-d6	6.79	99	2465594	130.69	ng	0.00
23) Nitrobenzene-d5	8.75	82	1545182	86.83	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	699359	120.29	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3023409	86.97	ng	0.00
79) Terphenyl-d14	19.59	244	3903866	87.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	254819	39.954	ng	99
3) Pyridine	3.56	79	654625	35.863	ng	100
4) n-Nitrosodimethylamine	3.48	42	303887	43.221	ng	98
6) Aniline	6.93	93	739243	28.358	ng	99
8) 2-Chlorophenol	7.18	128	710399	44.761	ng	97
9) Benzaldehyde	6.75	77	421598	39.978	ng	99
10) Phenol	6.82	94	919279	44.281	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	709171	41.032	ng	98
12) 1,3-Dichlorobenzene	7.50	146	745064	40.968	ng	99
13) 1,4-Dichlorobenzene	7.64	146	760651	41.646	ng	98
14) 1,2-Dichlorobenzene	7.96	146	714076	40.893	ng	99
15) Benzyl Alcohol	7.84	79	615957	42.966	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	953499	39.986	ng	100
17) 2-Methylphenol	8.05	107	598672	40.375	ng	98
18) Hexachloroethane	8.68	117	276577	42.311	ng	95
19) n-Nitroso-di-n-propylamine	8.41	70	515913	41.236	ng	99
20) 3+4-Methylphenols	8.38	107	797444	39.577	ng	98
22) Acetophenone	8.42	105	993655	40.679	ng	100
24) Nitrobenzene	8.79	77	790714	40.761	ng	100
25) Isophorone	9.32	82	1456510	39.853	ng	99
26) 2-Nitrophenol	9.50	139	358738	43.406	ng	98
27) 2,4-Dimethylphenol	9.58	122	638059	46.888	ng	100
28) bis(2-Chloroethoxy)methane	9.80	93	911852	41.002	ng	100
29) 2,4-Dichlorophenol	10.03	162	643074	42.884	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	682482	40.415	ng	98
31) Naphthalene	10.43	128	2043745	40.733	ng	100
32) Benzoic acid	9.71	122	367246	36.085	ng	97
33) 4-Chloroaniline	10.53	127	264298	11.992	ng	99
34) Hexachlorobutadiene	10.73	225	377434	38.323	ng	99
35) Caprolactam	11.29	113	216899	41.759	ng	98
36) 4-Chloro-3-methylphenol	11.68	107	684389	42.378	ng	98
37) 2-Methylnaphthalene	12.05	142	1438980	40.903	ng	99
38) 1-Methylnaphthalene	12.27	142	1363292	40.822	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	673469	41.312	ng	99

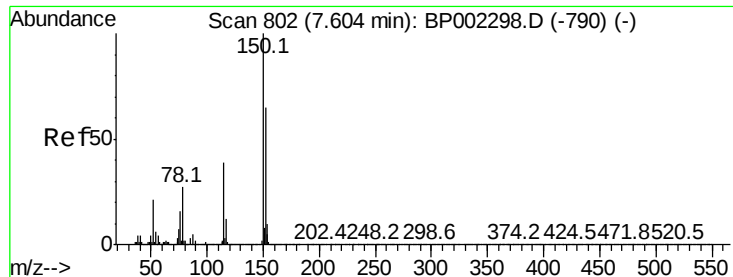
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP052920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	861279	99.371	nq	100
43) 2,4,6-Trichlorophenol	12.67	196	480015	42.526	nq	98
44) 2,4,5-Trichlorophenol	12.74	196	519734	39.678	nq	99
46) 1,1'-Biphenyl	13.08	154	1760969	43.807	nq	100
47) 2-Chloronaphthalene	13.12	162	1366583	41.205	nq	99
48) 2-Nitroaniline	13.32	65	428757	42.041	nq	96
49) Acenaphthylene	13.97	152	2232489	42.482	nq	100
50) Dimethylphthalate	13.72	163	1675668	40.355	nq	100
51) 2,6-Dinitrotoluene	13.82	165	371314	41.205	nq	99
52) Acenaphthene	14.32	154	1284000	37.980	nq	100
53) 3-Nitroaniline	14.15	138	173128	16.792	nq	97
54) 2,4-Dinitrophenol	14.36	184	405536	89.061	nq	96
55) Dibenzofuran	14.65	168	2043921	40.888	nq	99
56) 4-Nitrophenol	14.47	139	696560	85.479	nq	98
57) 2,4-Dinitrotoluene	14.62	165	498869	41.188	nq	93
58) Fluorene	15.30	166	1482723	39.993	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	446432	42.791	nq	94
60) Diethylphthalate	15.10	149	1640424	39.950	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	747477	38.206	nq	99
62) 4-Nitroaniline	15.32	138	352798	36.965	nq	97
63) Azobenzene	15.60	77	1734088	41.184	nq	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	281943	45.430	nq	99
66) n-Nitrosodiphenylamine	15.52	169	1410707	42.811	nq	99
67) 4-Bromophenyl-phenylether	16.20	248	483825	39.229	nq	99
68) Hexachlorobenzene	16.32	284	534386	41.011	nq	99
69) Atrazine	16.49	200	443744	42.212	nq	98
70) Pentachlorophenol	16.66	266	658291	82.816	nq	96
71) Phenanthrene	17.05	178	2518701	42.371	nq	99
72) Anthracene	17.14	178	2564800	43.849	nq	100
73) Carbazole	17.41	167	2347609	41.044	nq	98
74) Di-n-butylphthalate	18.00	149	2770563	42.575	nq	99
75) Fluoranthene	19.03	202	2851126	41.642	nq	99
77) Benzidine	19.22	184	1173578	53.737	nq	99
78) Pyrene	19.38	202	2977491	44.463	nq	100
80) Butylbenzylphthalate	20.28	149	1229941	46.132	nq	94
81) Benzo(a)anthracene	21.09	228	2631154	42.741	nq	99
82) 3,3'-Dichlorobenzidine	21.03	252	597042	27.682	nq	98
83) Chrysene	21.15	228	2534996	42.907	nq	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1806566	44.343	nq	98
85) Di-n-octyl phthalate	21.92	149	3144134	46.433	nq	98
87) Indeno(1,2,3-cd)pyrene	25.54	276	3482336	45.354	nq	# 95
88) Benzo(b)fluoranthene	22.70	252	2654326	39.248	nq	98
89) Benzo(k)fluoranthene	22.70	252	2654326	40.900	nq	99
90) Benzo(a)pyrene	23.22	252	2615044	41.684	nq	98
91) Dibenzo(a,h)anthracene	25.56	278	2865019	45.766	nq	# 95
92) Benzo(g,h,i)perylene	26.22	276	3022515	47.332	nq	# 96

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

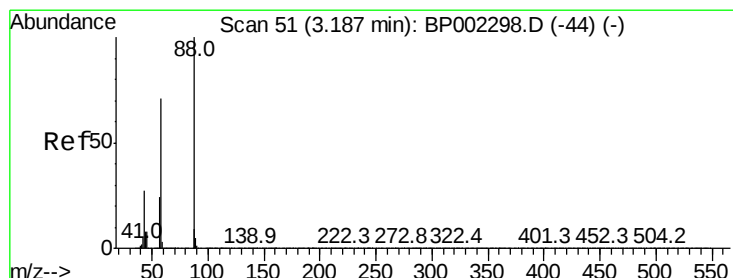
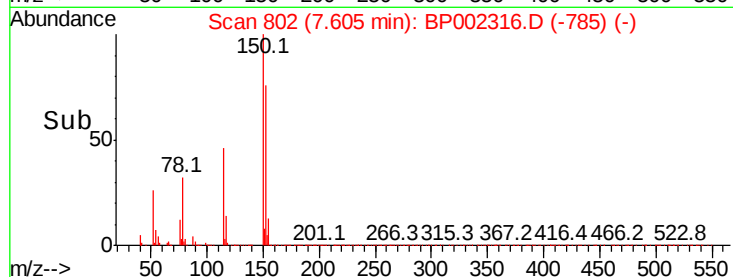
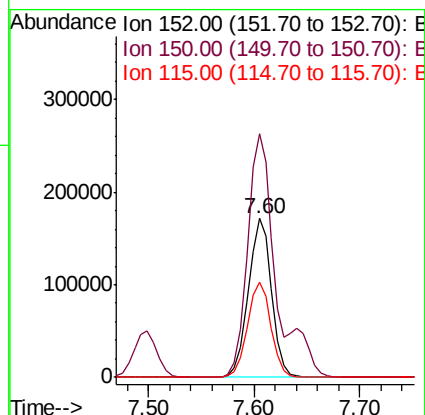
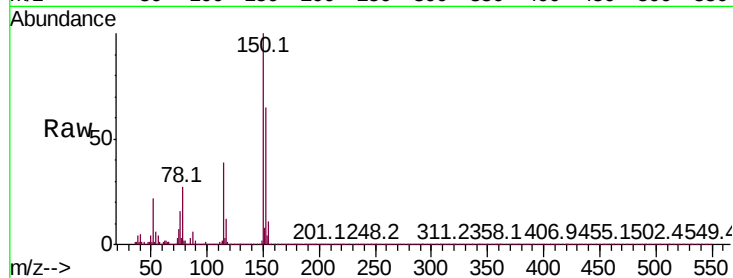


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

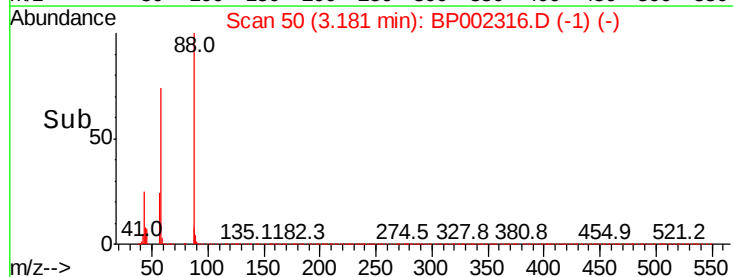
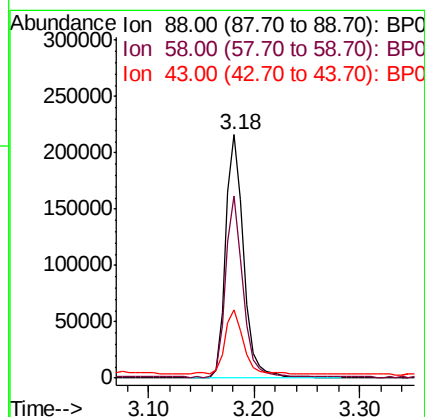
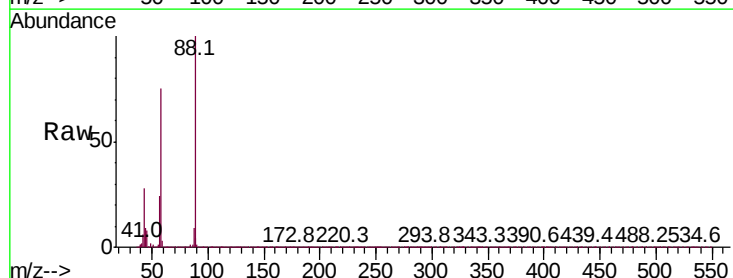
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.7	187.1
115	60.2	49.4	74.2

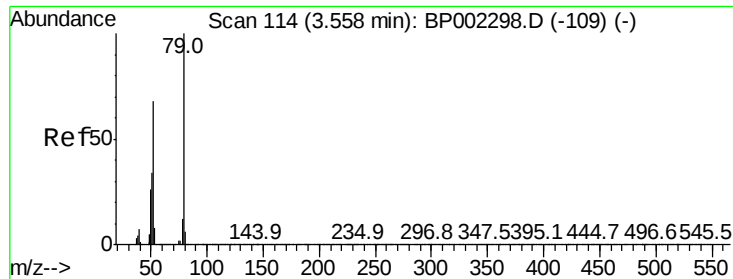


#2

1,4-Dioxane
Concen: 39.954 ng
RT: 3.18 min Scan# 50
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	57.3	85.9
43	27.9	21.6	32.4





#3

Pvridine

Concen: 35.863 ng

RT: 3.56 min Scan# 114

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

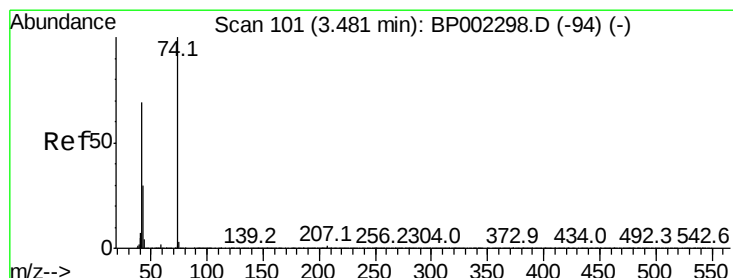
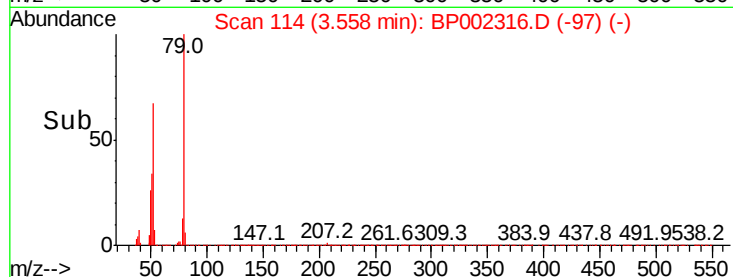
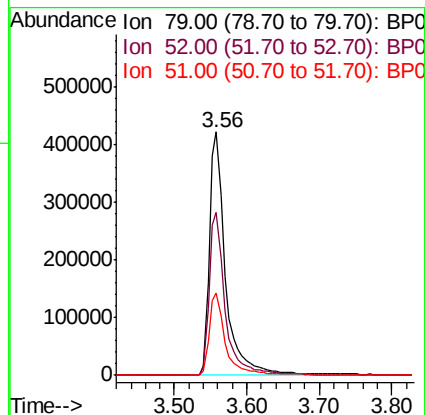
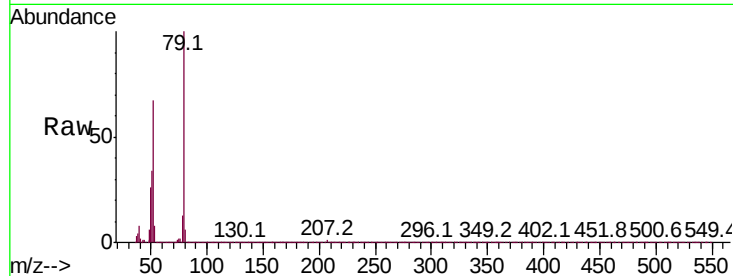
Tot Ion: 79 Resp: 654625

Ion Ratio Lower Upper

79 100

52 66.9 53.4 80.2

51 33.8 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 43.221 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

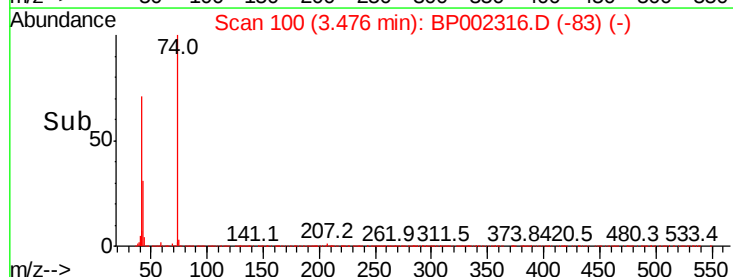
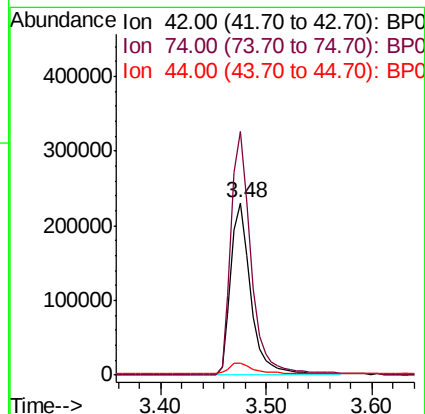
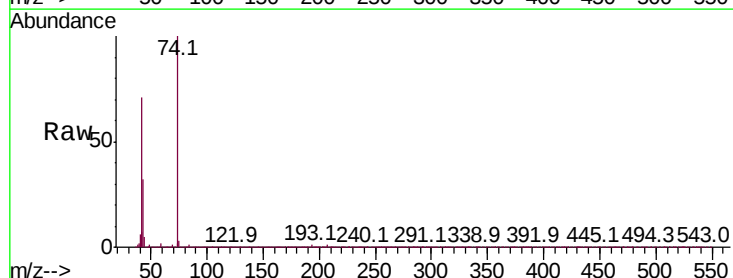
Tgt Ion: 42 Resp: 303887

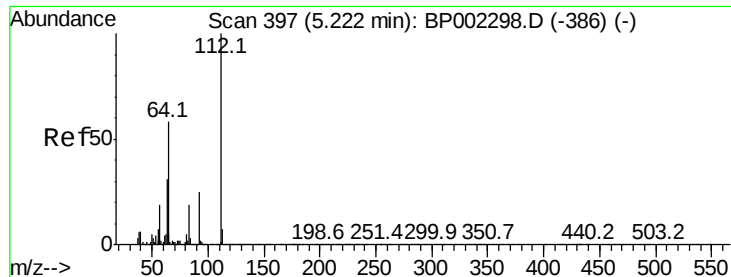
Ion Ratio Lower Upper

42 100

74 141.4 114.6 171.8

44 7.1 6.2 9.2





#5

2-Fluorophenol

Concen: 136.607 ng

RT: 5.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

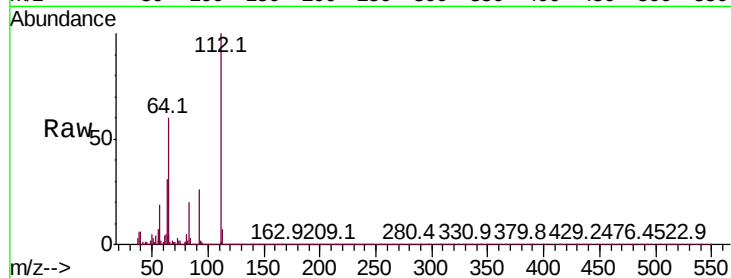
Tot Ion:112 Resp: 1894631

Ion Ratio Lower Upper

112 100

64 59.6 47.0 70.4

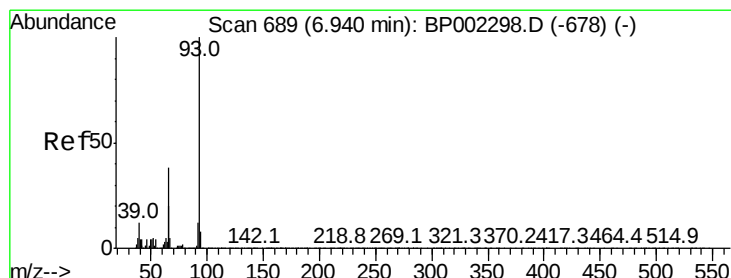
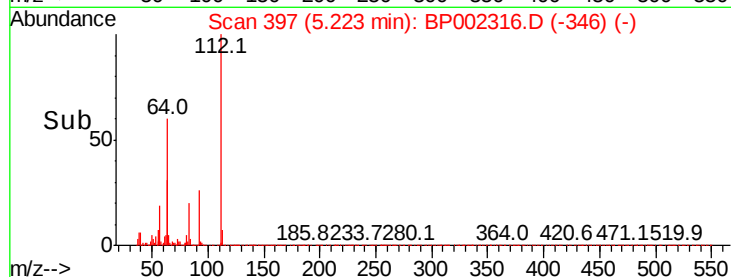
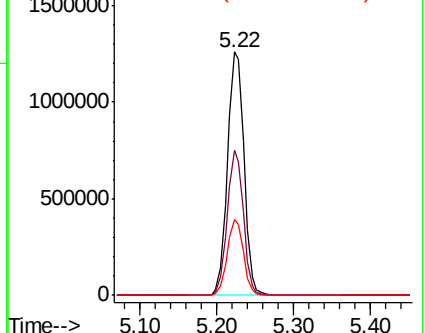
63 31.3 24.0 36.0



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: 28.358 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

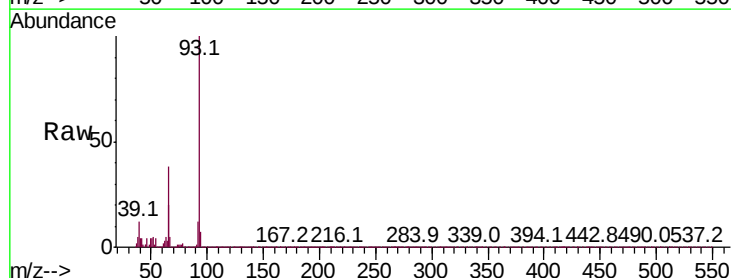
Tgt Ion: 93 Resp: 739243

Ion Ratio Lower Upper

93 100

66 38.1 31.0 46.6

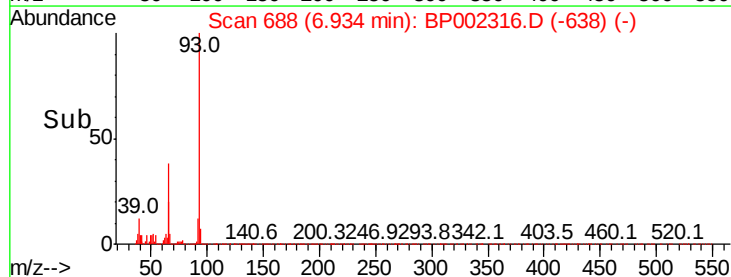
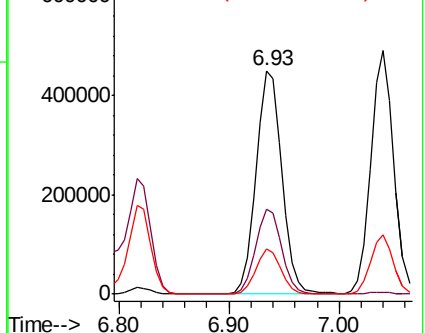
65 20.3 15.7 23.5

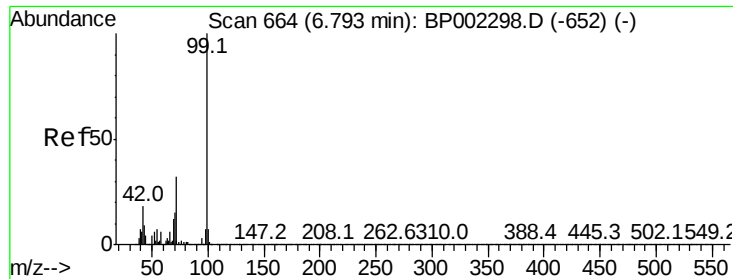


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 130.685 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

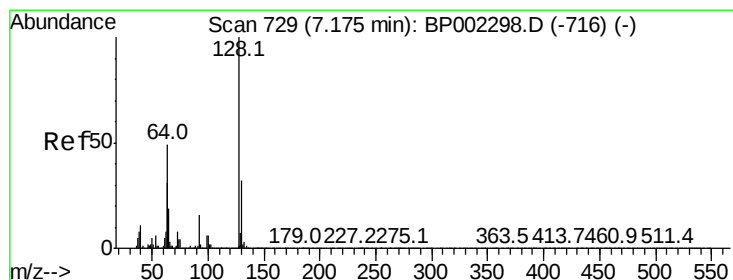
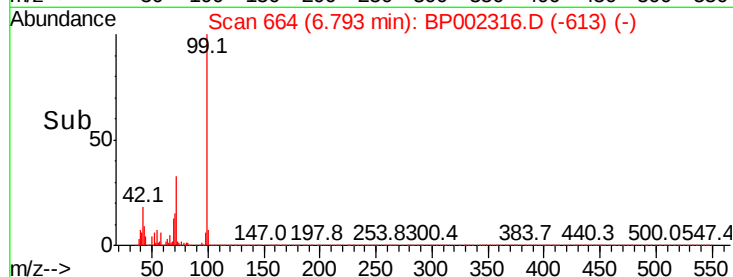
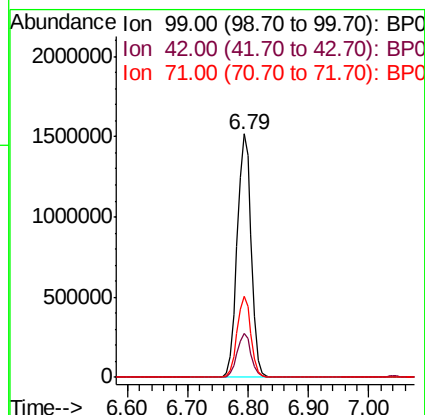
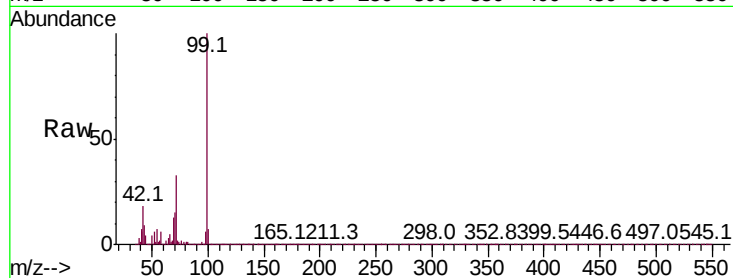
BNA_P

ClientSampleId :

PB129148BS

Tot Ion: 99 Resp: 2465594

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.9	20.9
71	33.4	25.8	38.8



#8

2-Chlorophenol

Concen: 44.761 ng

RT: 7.18 min Scan# 729

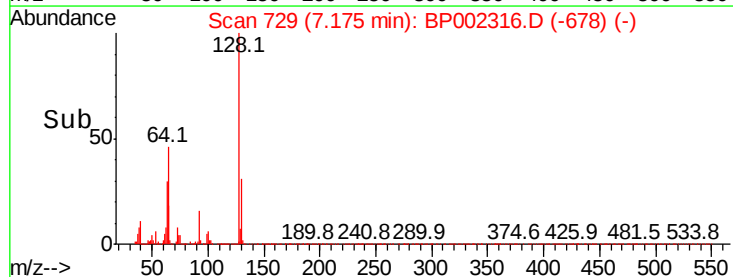
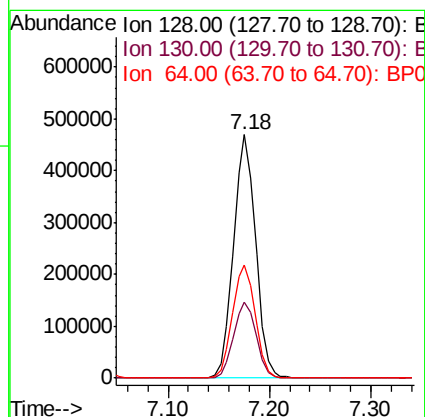
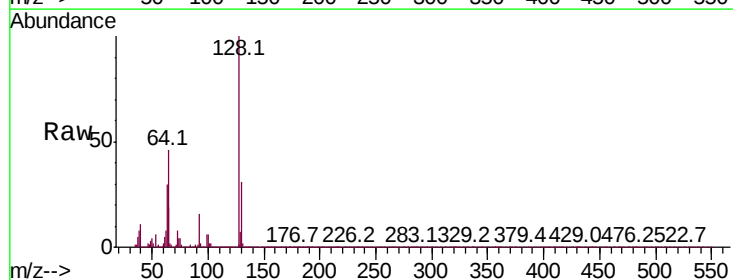
Delta R.T. 0.00 min

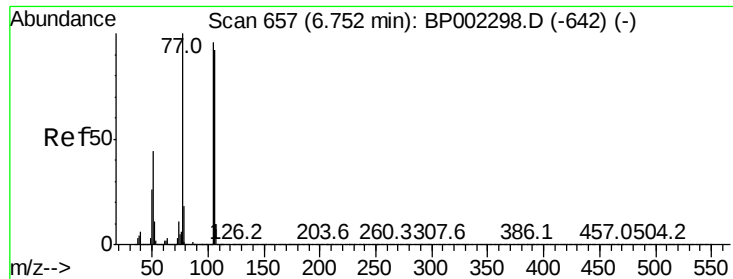
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion: 128 Resp: 710399

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.0	52.0
64	46.5	28.8	68.8





#9

Benzaldehyde

Concen: 39.978 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

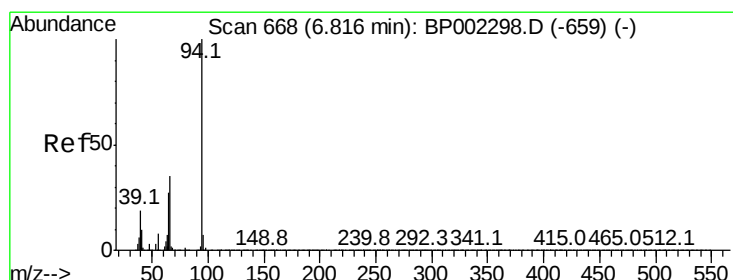
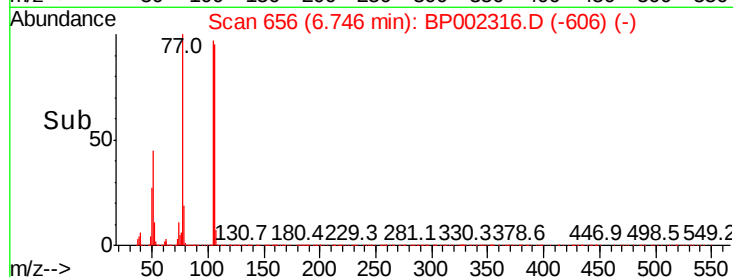
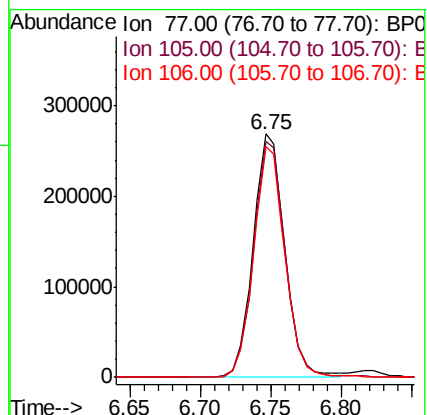
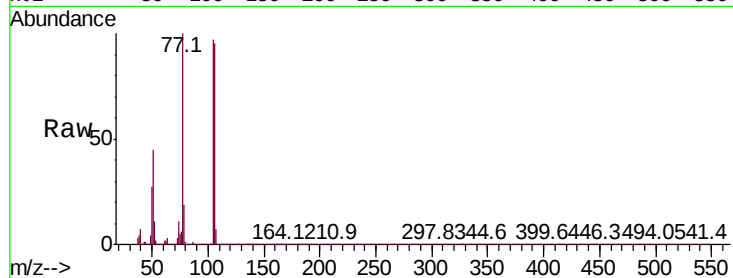
Tot Ion: 77 Resp: 421598

Ion Ratio Lower Upper

77 100

105 96.7 77.5 117.5

106 95.0 75.6 115.6



#10

Phenol

Concen: 44.281 ng

RT: 6.82 min Scan# 668

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

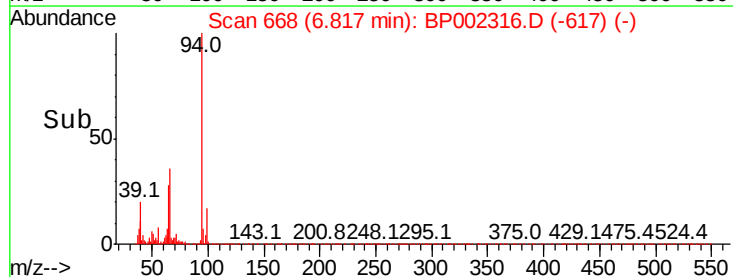
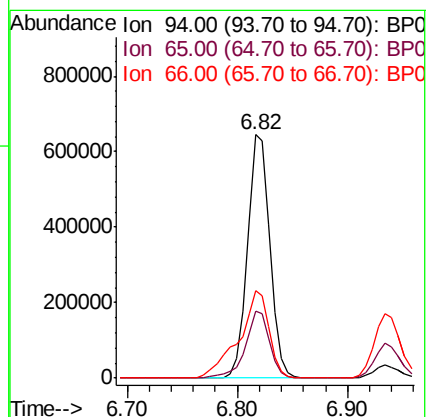
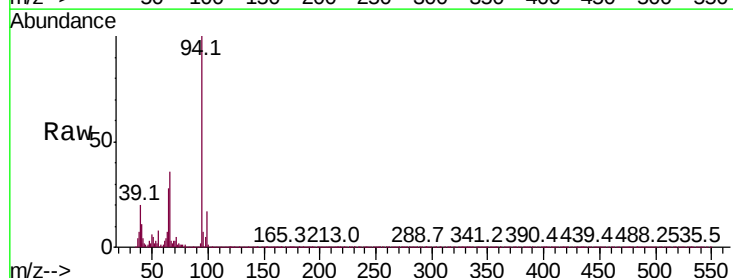
Tgt Ion: 94 Resp: 919279

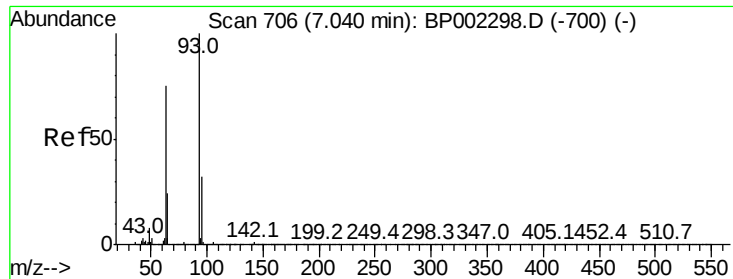
Ion Ratio Lower Upper

94 100

65 27.5 7.2 47.2

66 35.9 16.2 56.2

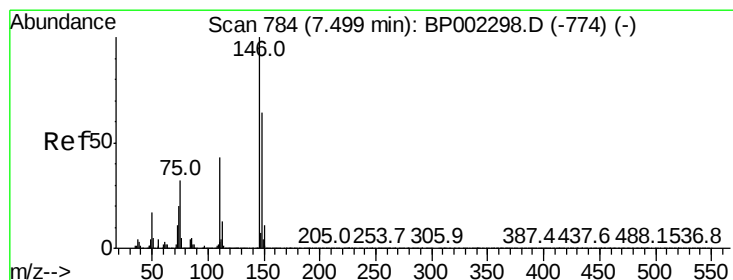
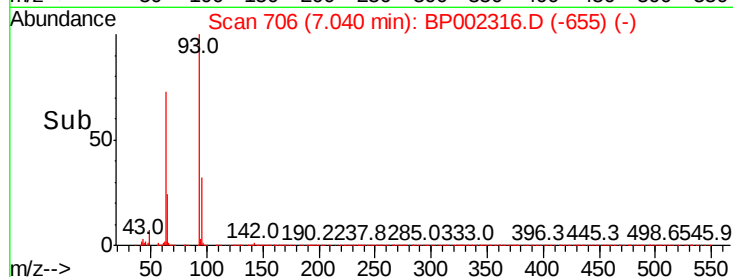
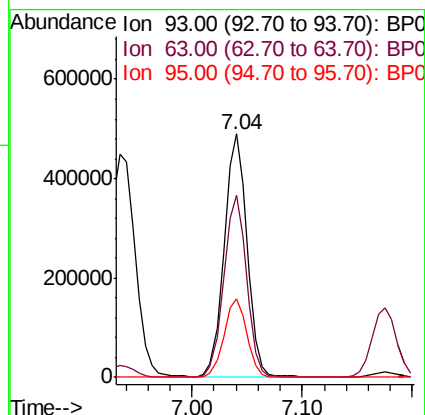
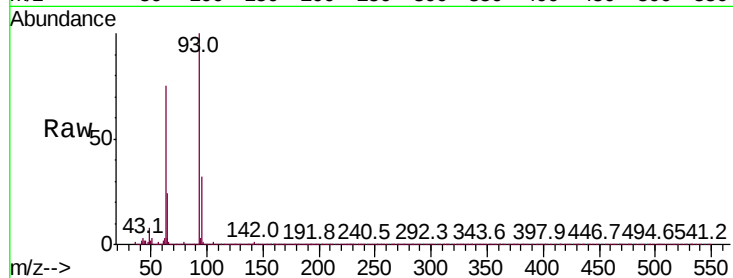




#11
 bis(2-Chloroethyl)ether
 Concen: 41.032 ng
 RT: 7.04 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

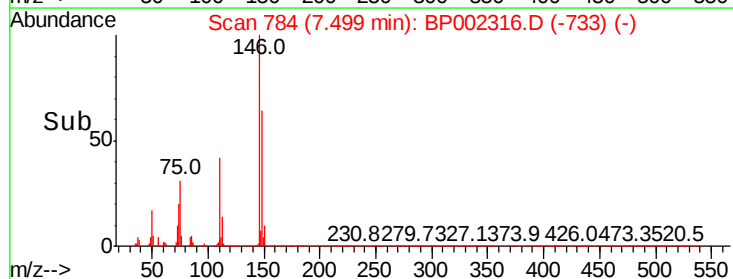
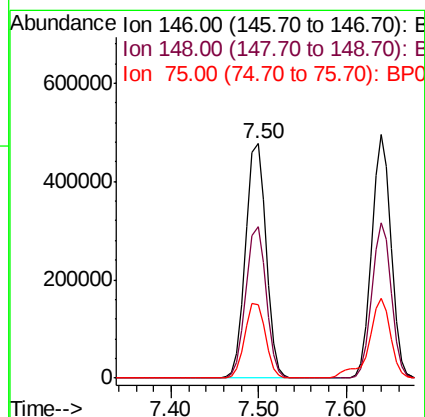
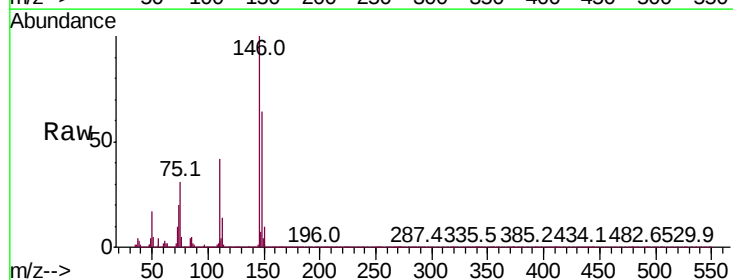
Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

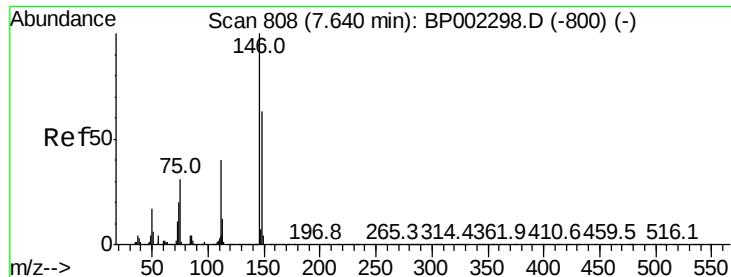
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	56.7	96.7
95	32.2	13.4	53.4



#12
 1,3-Dichlorobenzene
 Concen: 40.968 ng
 RT: 7.50 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
75	31.3	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 41.646 ng

RT: 7.64 min Scan# 808

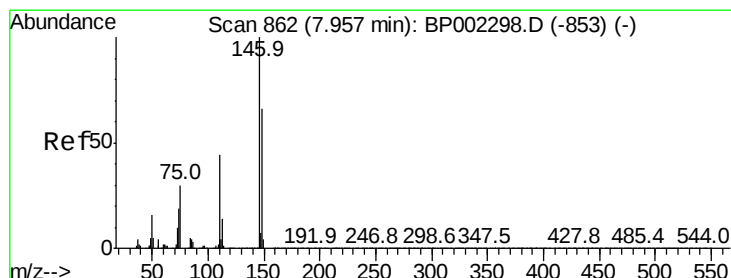
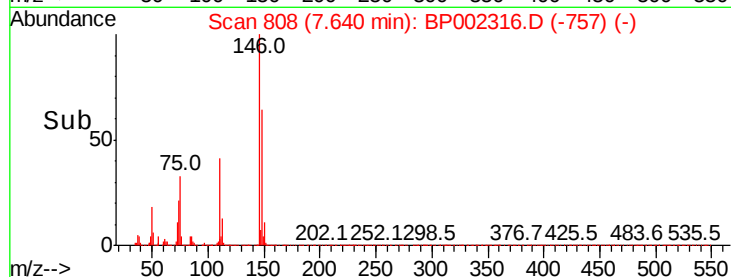
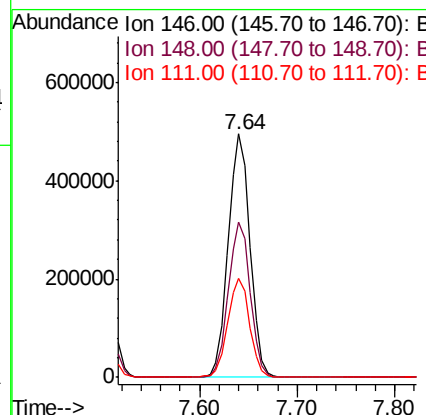
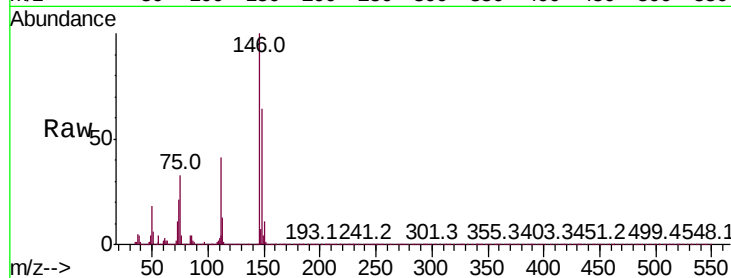
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.5	74.3
111	40.9	32.6	48.8



#14

1,2-Dichlorobenzene

Concen: 40.893 ng

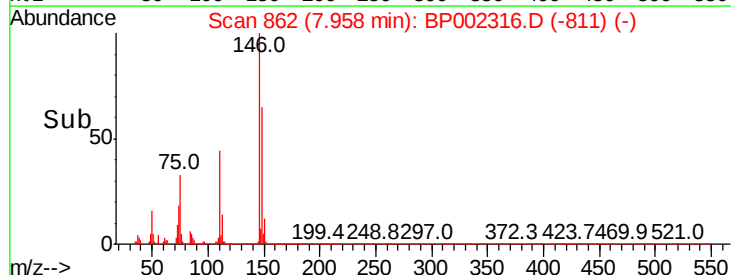
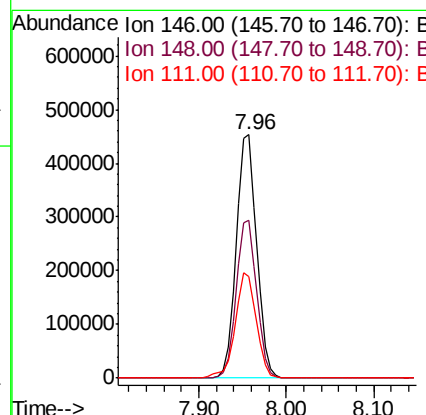
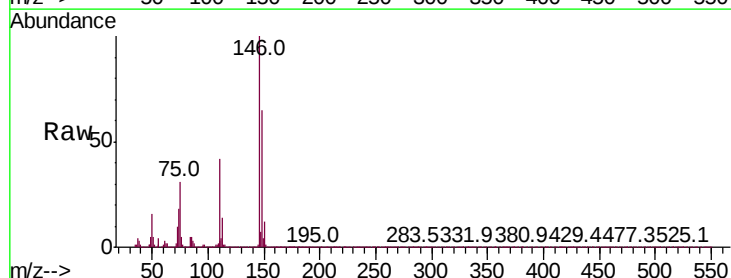
RT: 7.96 min Scan# 862

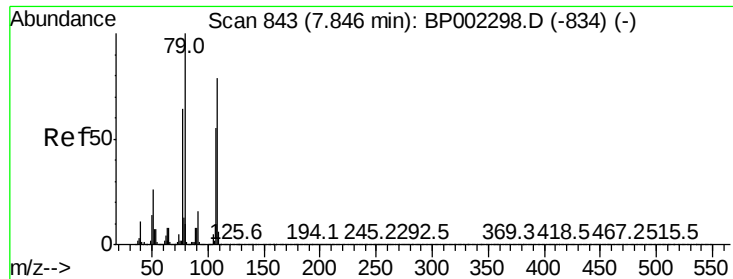
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	41.9	32.8	49.2





#15

Benzyl Alcohol

Concen: 42.966 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleID :

PB129148BS

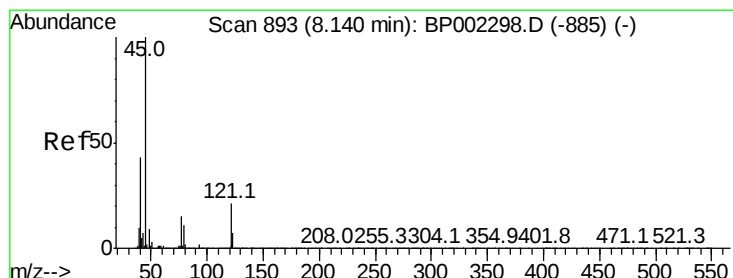
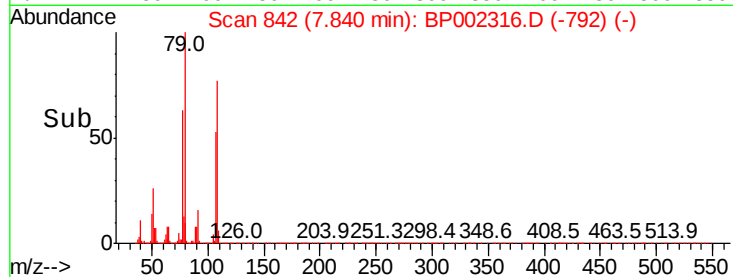
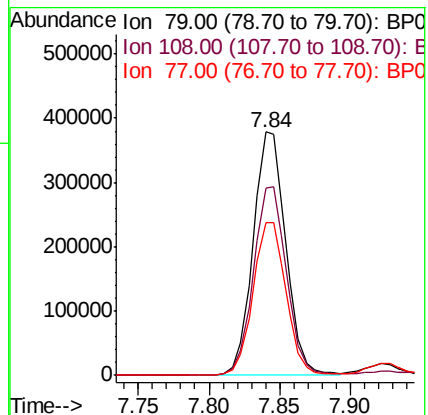
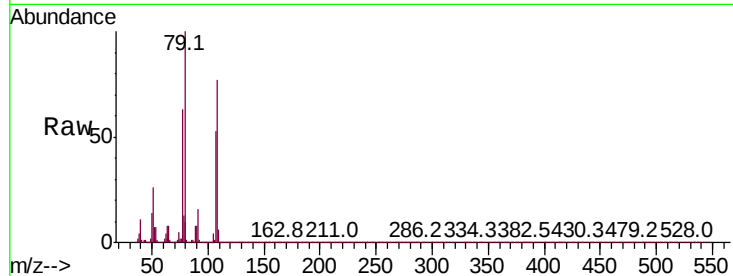
Tot Ion: 79 Resp: 615957

Ion	Ratio	Lower	Upper
79	100		
108	76.7	62.4	93.6
77	62.7	52.1	78.1

79 100

108 76.7 62.4 93.6

77 62.7 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.986 ng

RT: 8.14 min Scan# 893

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

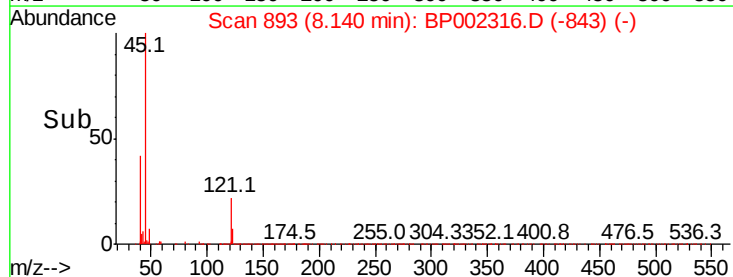
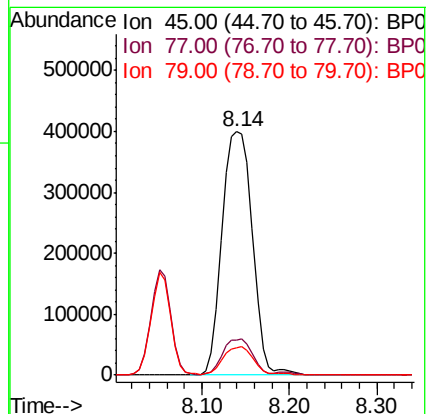
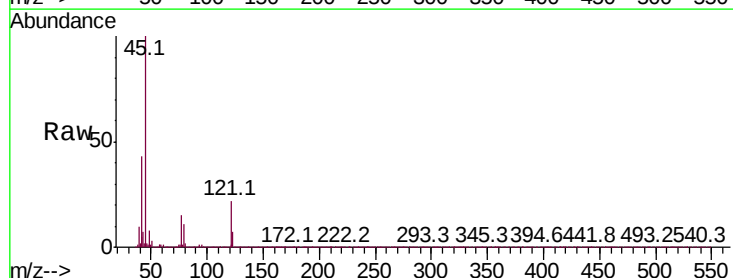
Tgt Ion: 45 Resp: 953499

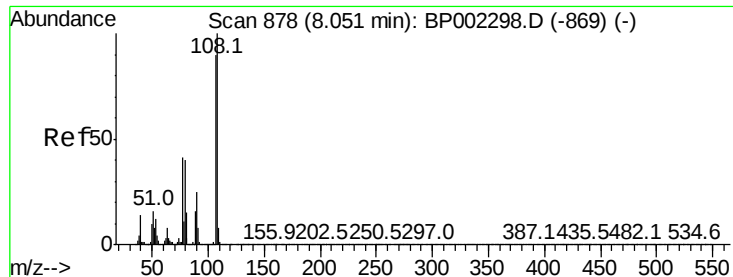
Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.7
79	11.1	0.0	31.1

45 100

77 14.6 0.0 34.7

79 11.1 0.0 31.1

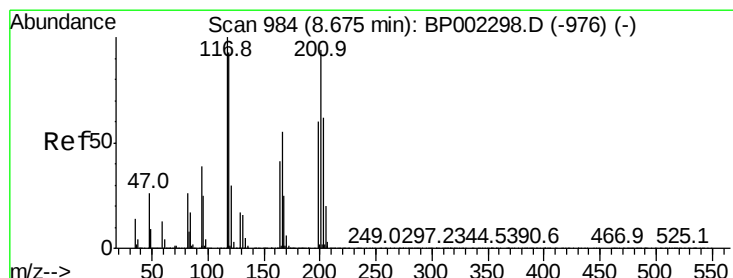
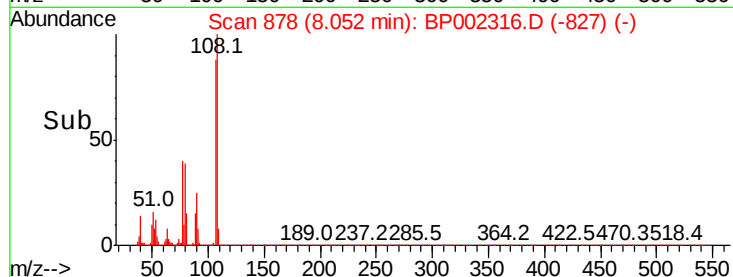
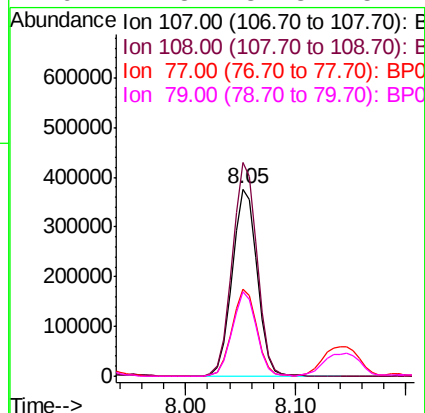
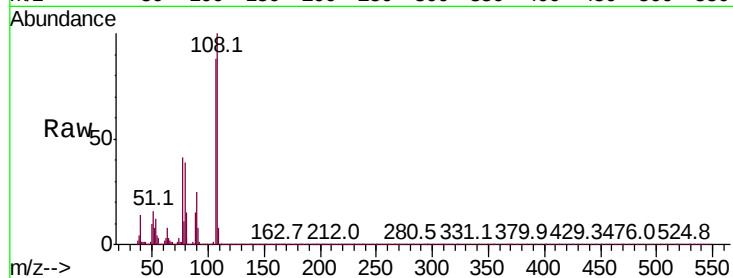




#17
2-Methylphenol
Concen: 40.375 ng
RT: 8.05 min Scan# 878
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

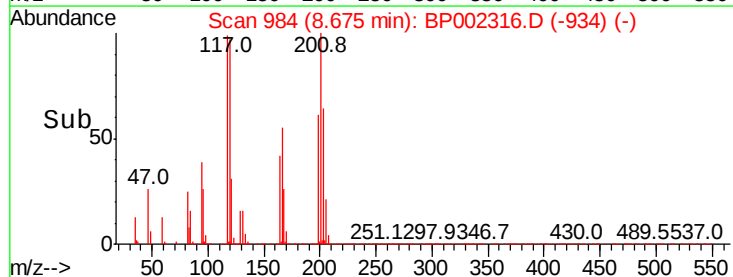
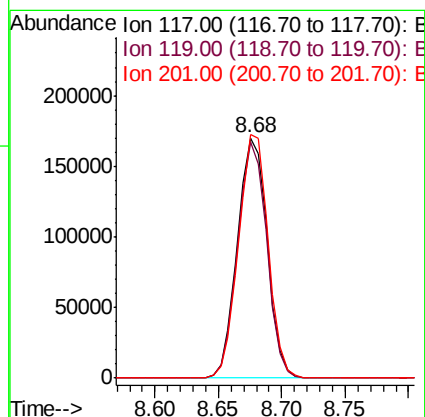
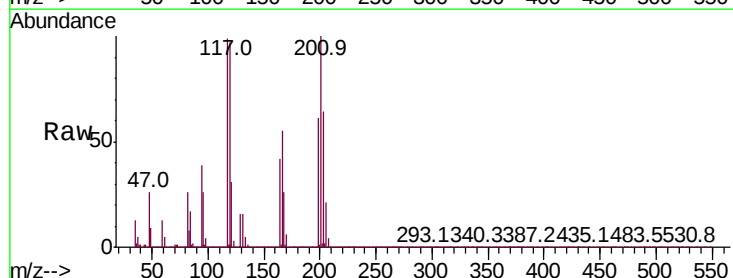
Instrument :
BNA_P
ClientSampleId :
PB129148BS

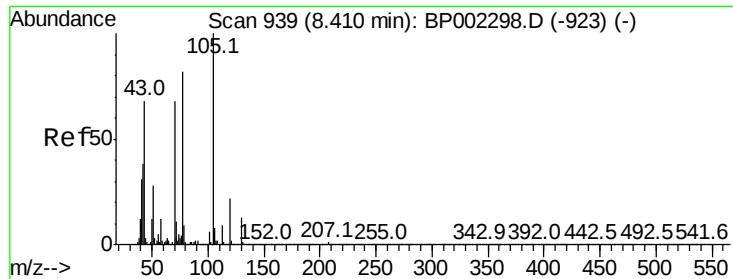
Tot Ion:	107	Resp:	598672
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.0	133.4
77	46.2	37.0	55.4
79	44.8	34.8	52.2



#18
Hexachloroethane
Concen: 42.311 ng
RT: 8.68 min Scan# 984
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:	117	Resp:	276577
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.0	114.0
201	101.3	76.0	114.0

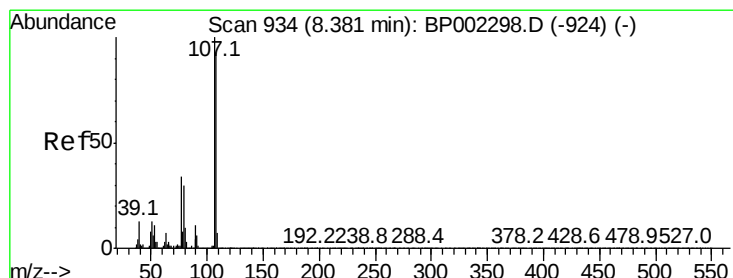
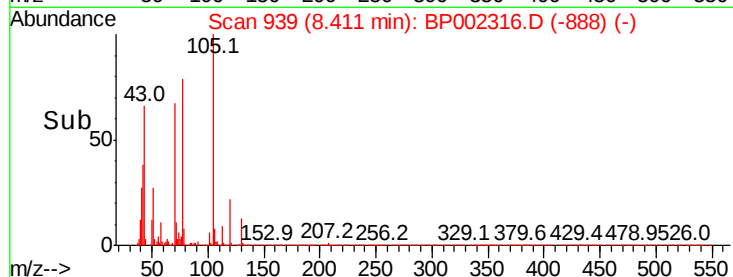
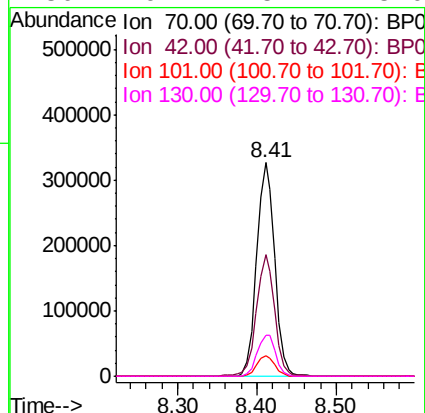
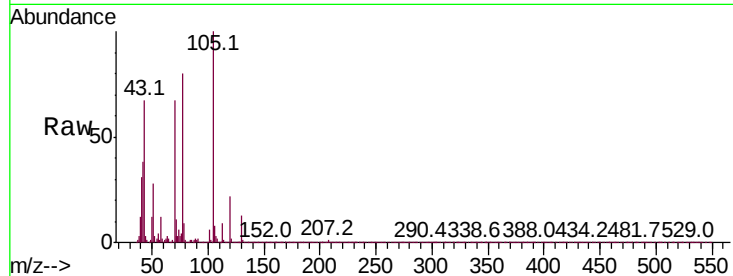




#19
n-Nitroso-di-n-propylamine
Concen: 41.236 ng
RT: 8.41 min Scan# 939
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

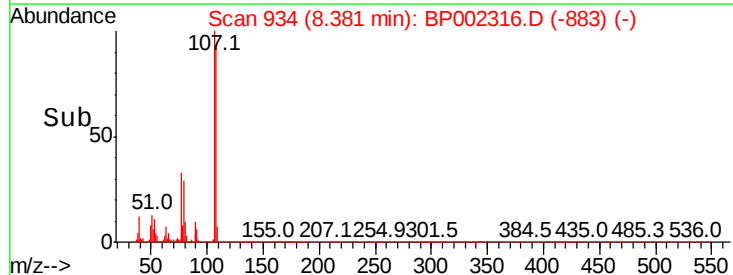
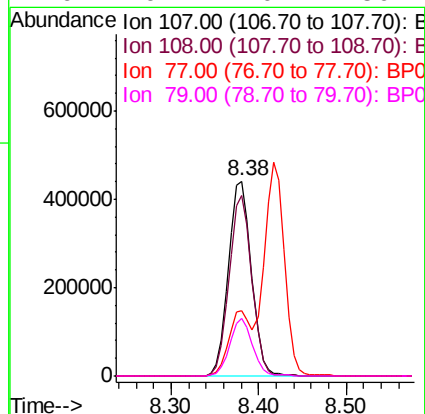
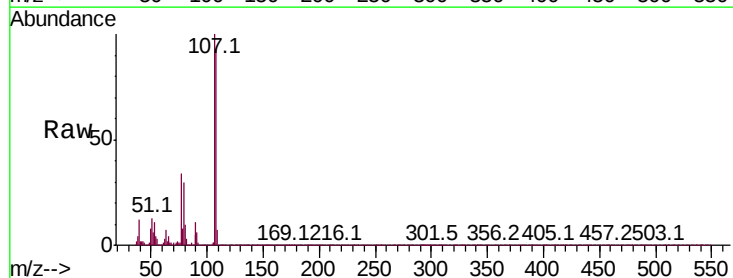
Instrument :
BNA_P
ClientSampleId :
PB129148BS

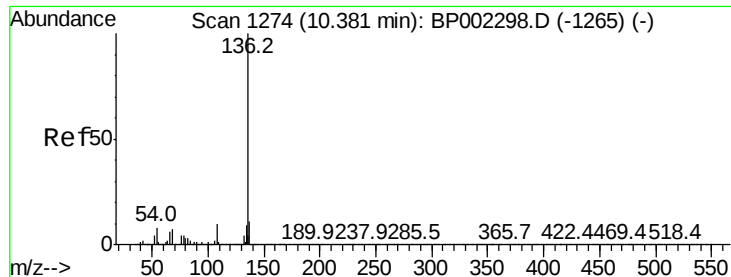
Tot Ion:	70	Resp:	515913
Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.2	66.4
101	9.6	7.4	11.0
130	19.2	15.4	23.0



#20
3+4-Methylphenols
Concen: 39.577 ng
RT: 8.38 min Scan# 934
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:	107	Resp:	797444
Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.7	114.7
77	33.6	14.4	54.4
79	29.7	10.7	50.7



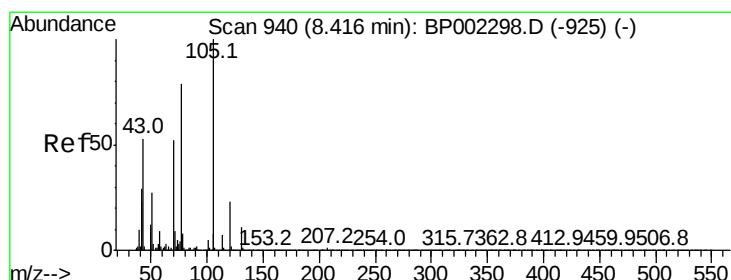
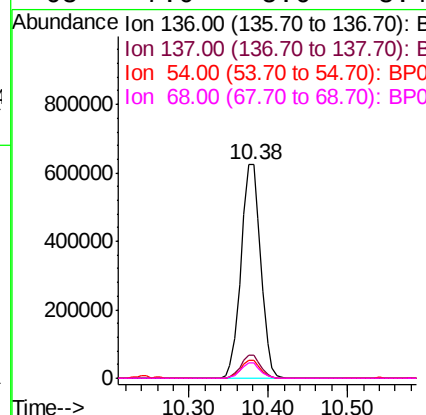
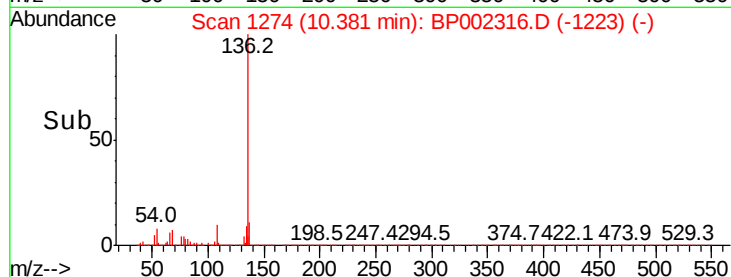
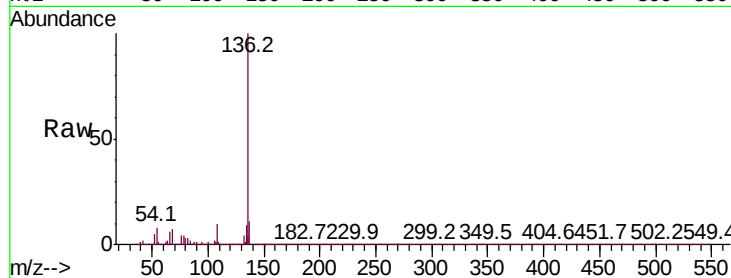


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion:136 Resp: 1069864

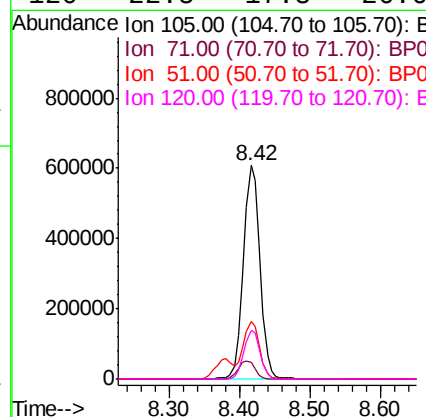
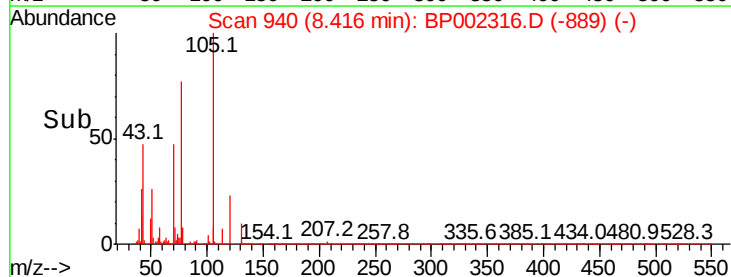
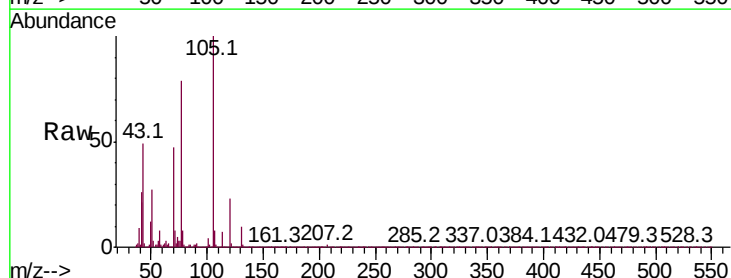
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.2	6.9	10.3
68	7.0	5.6	8.4

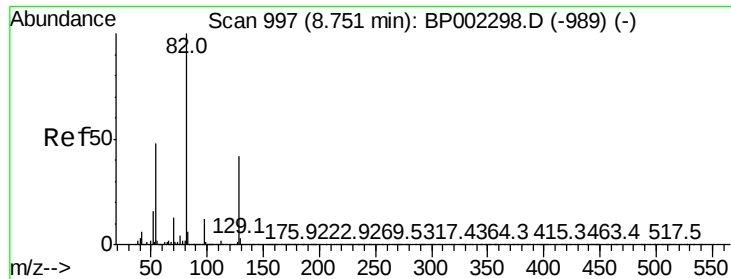


#22
Acetophenone
Concen: 40.679 ng
RT: 8.42 min Scan# 940
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:105 Resp: 993655

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.5	9.7
51	27.1	21.7	32.5
120	22.5	17.8	26.6

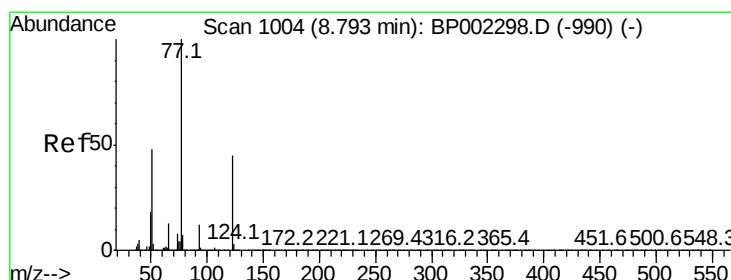
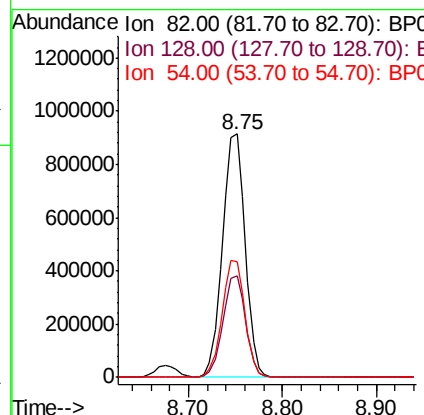
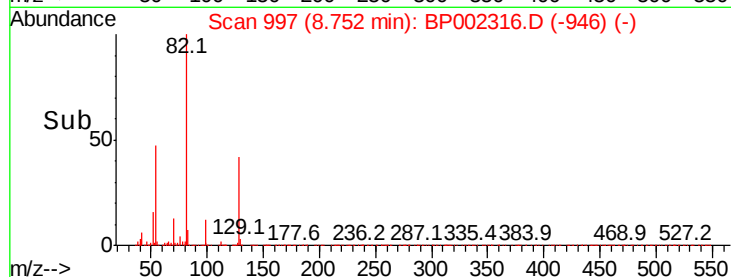
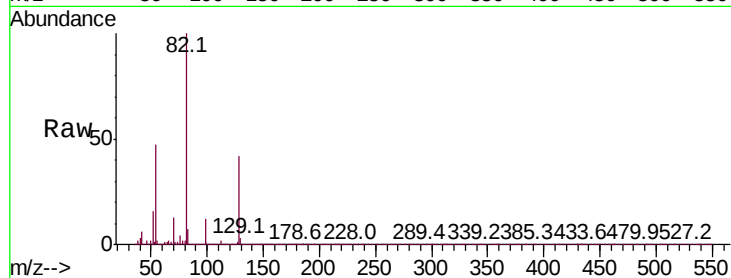




#23
Nitrobenzene-d5
Concen: 86.834 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

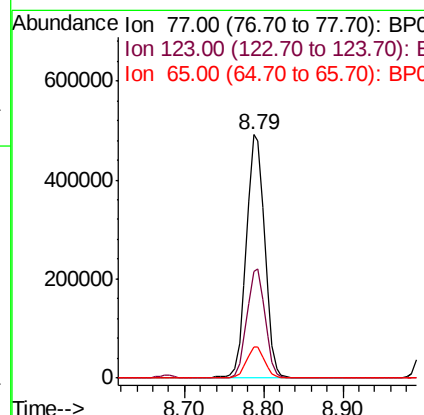
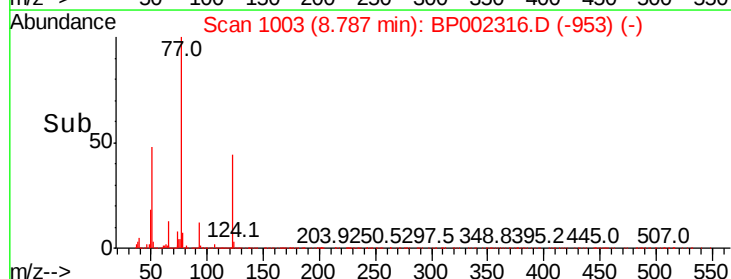
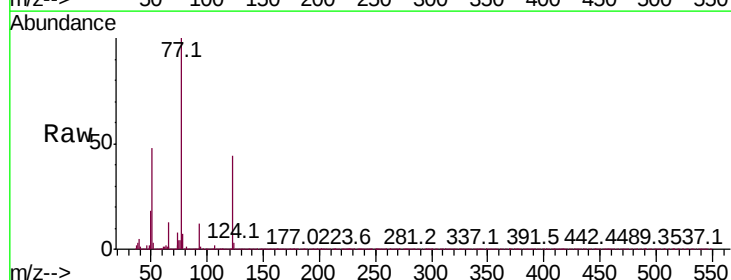
Instrument :
BNA_P
ClientSampleId :
PB129148BS

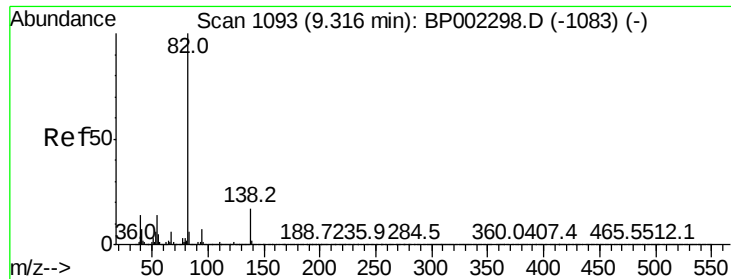
Tot Ion: 82 Resp: 1545182
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 47.4 38.3 57.5



#24
Nitrobenzene
Concen: 40.761 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion: 77 Resp: 790714
Ion Ratio Lower Upper
77 100
123 43.9 35.4 53.0
65 12.8 10.3 15.5

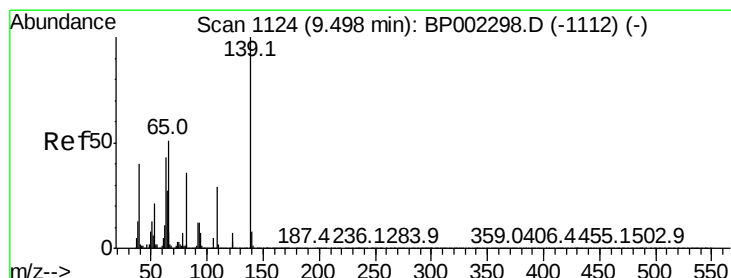
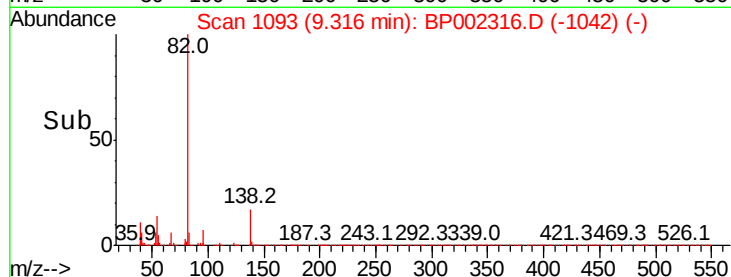
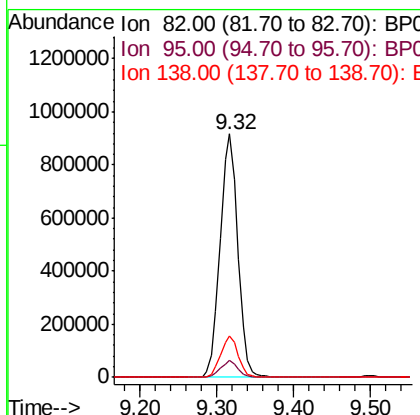
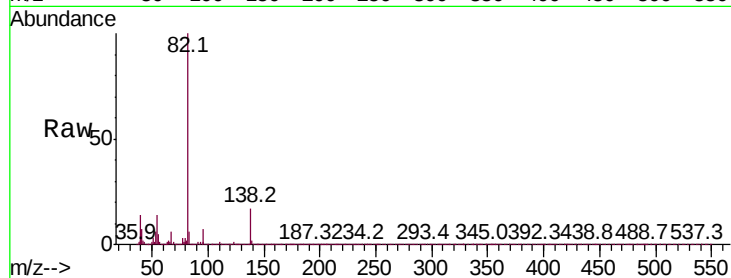




#25
Isophorone
Concen: 39.853 ng
RT: 9.32 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

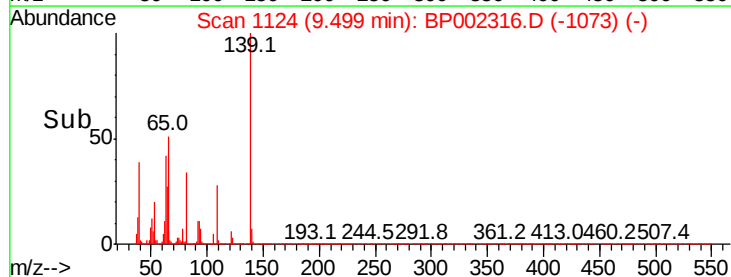
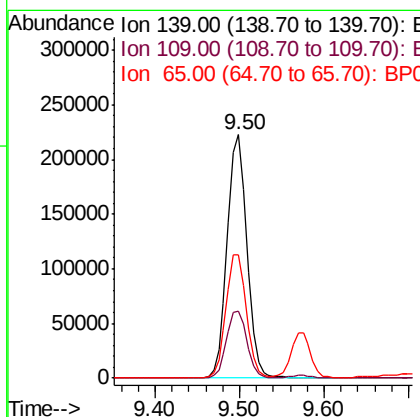
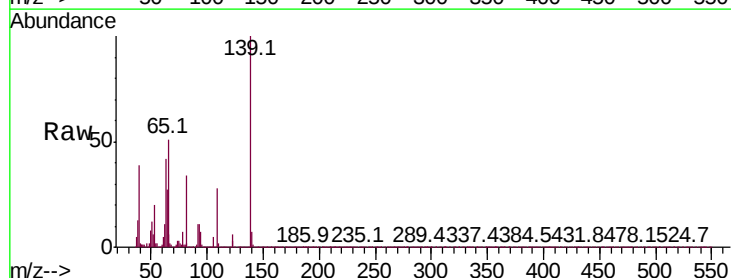
Instrument :
BNA_P
ClientSampleId :
PB129148BS

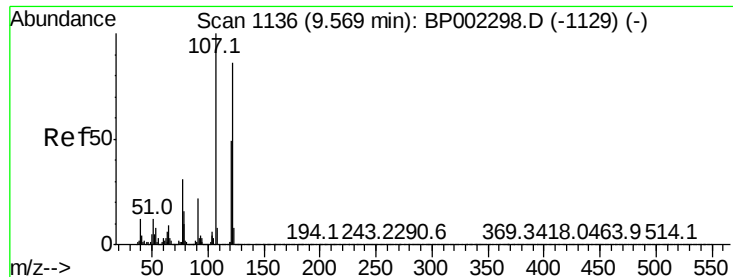
Tot Ion: 82 Resp: 1456510
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.2 13.4 20.0



#26
2-Nitrophenol
Concen: 43.406 ng
RT: 9.50 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion: 139 Resp: 358738
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 50.7 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 46.888 ng

RT: 9.58 min Scan# 1137

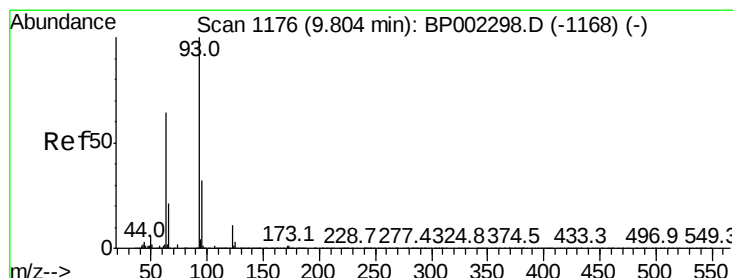
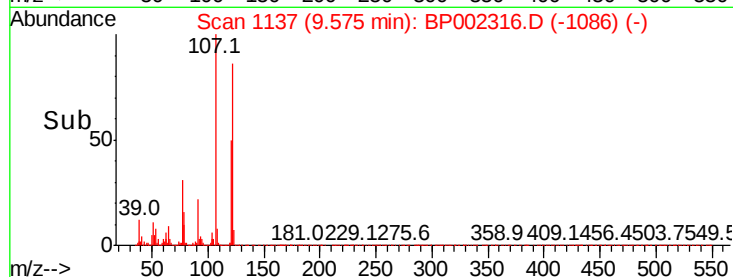
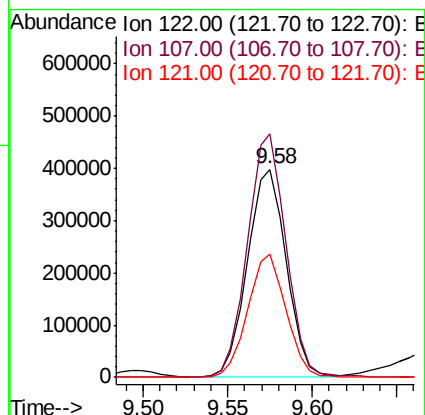
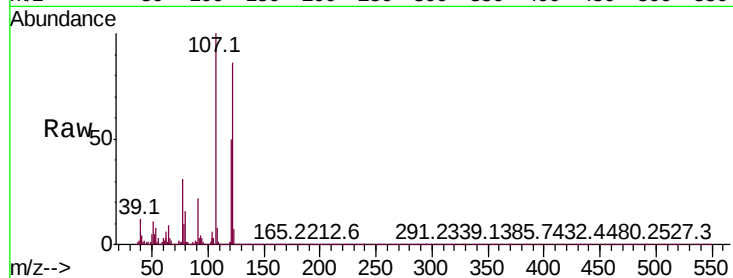
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	93.7	140.5
121	58.9	47.1	70.7



#28

bis(2-Chloroethoxy)methane

Concen: 41.002 ng

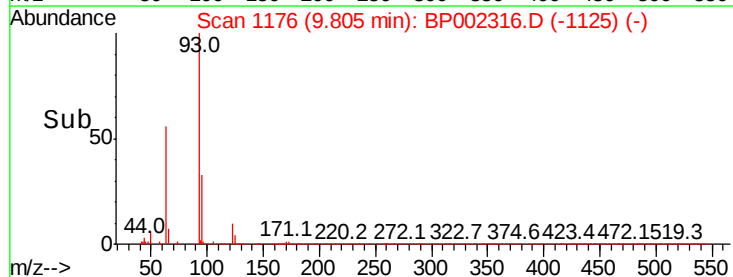
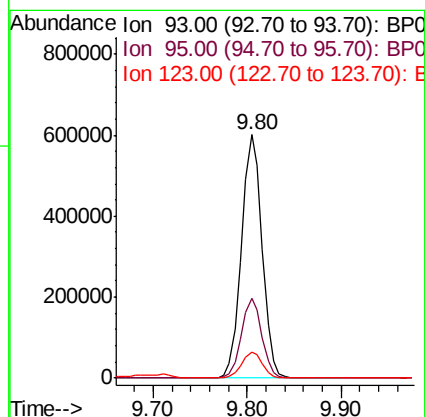
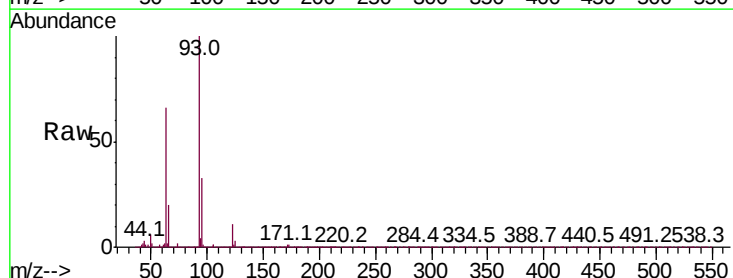
RT: 9.80 min Scan# 1176

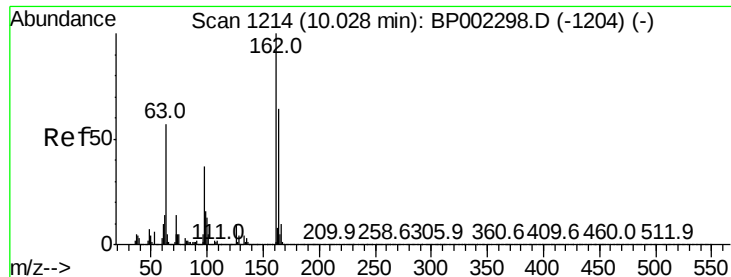
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	10.8	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 42.884 ng

RT: 10.03 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

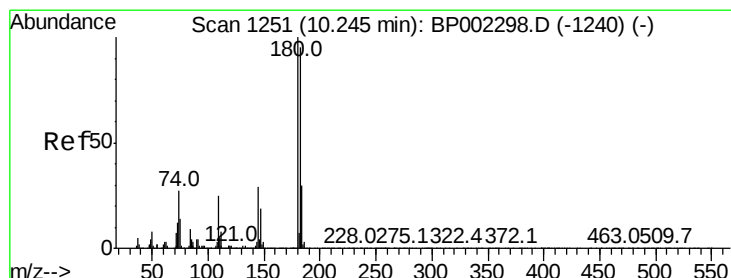
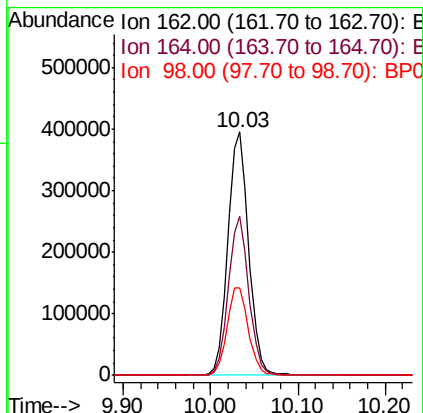
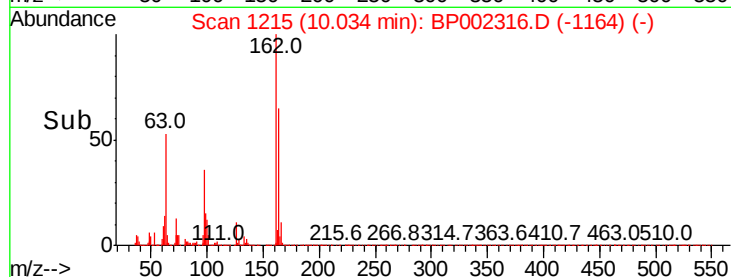
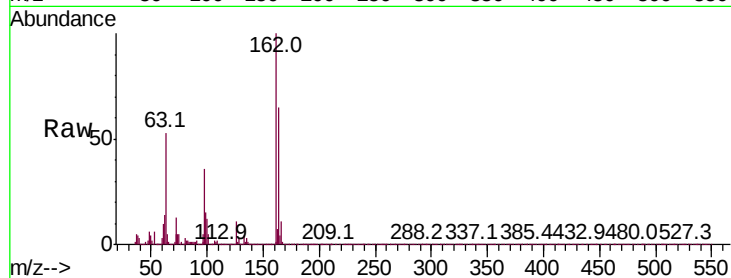
Tot Ion:162 Resp: 643074

Ion Ratio Lower Upper

162 100

164 65.4 44.2 84.2

98 36.1 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 40.415 ng

RT: 10.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

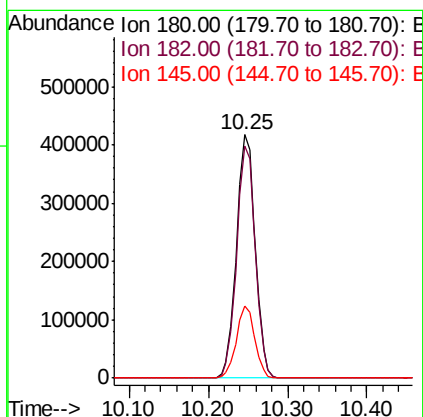
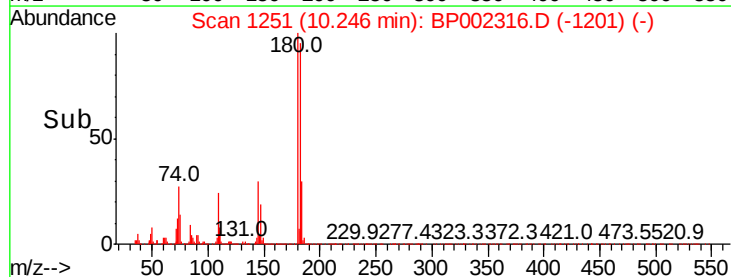
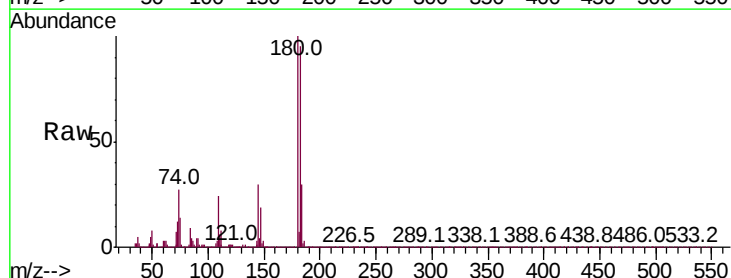
Tgt Ion:180 Resp: 682482

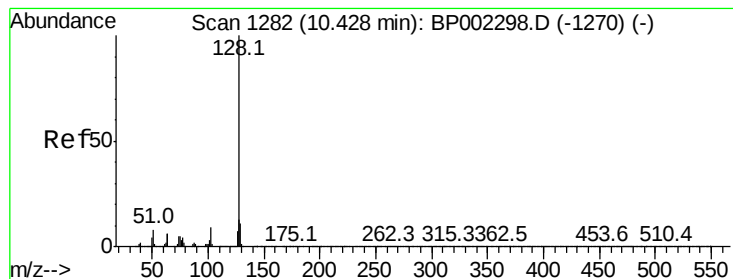
Ion Ratio Lower Upper

180 100

182 95.4 74.7 112.1

145 29.6 23.2 34.8





#31

Naphthalene

Concen: 40.733 ng

RT: 10.43 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

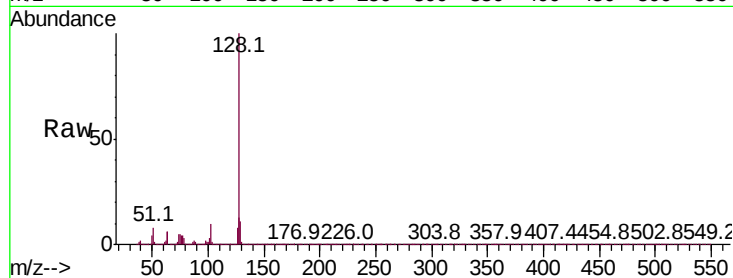
Tot Ion:128 Resp: 2043745

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

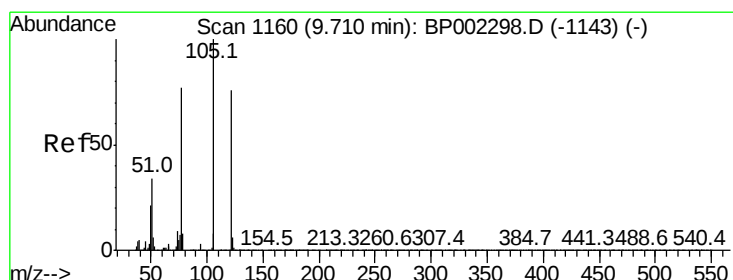
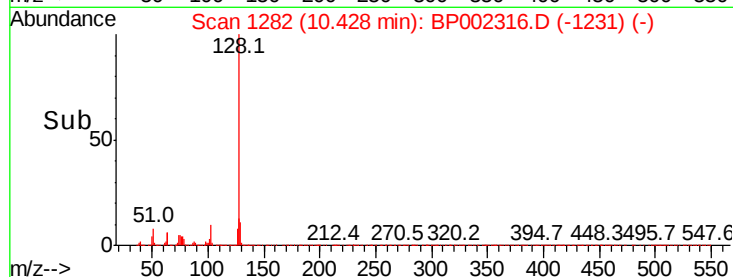
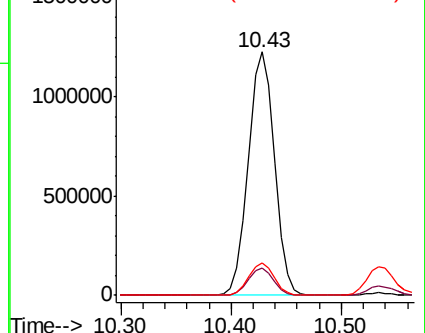
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.085 ng

RT: 9.71 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

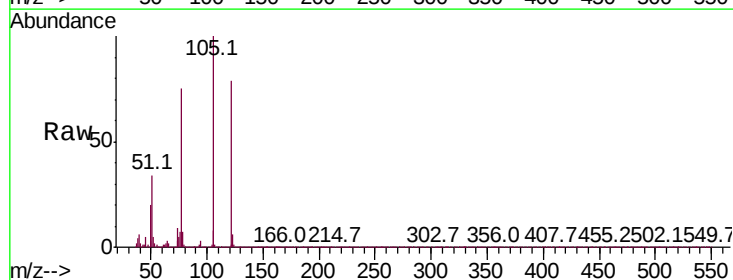
Tgt Ion:122 Resp: 367246

Ion Ratio Lower Upper

122 100

105 127.3 102.7 142.7

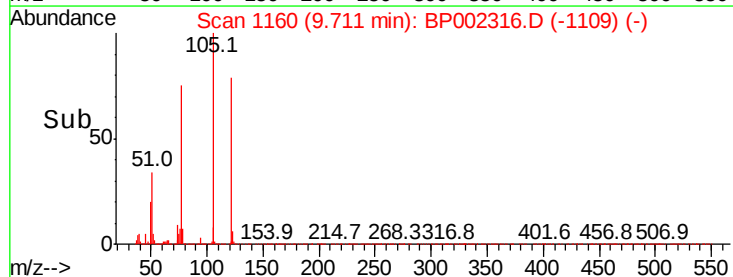
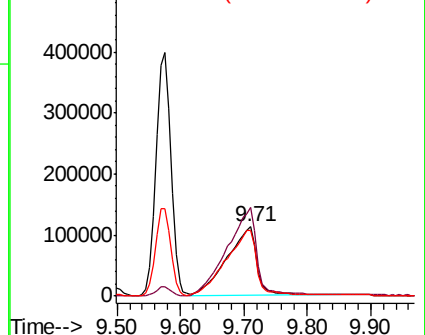
77 95.8 74.8 114.8

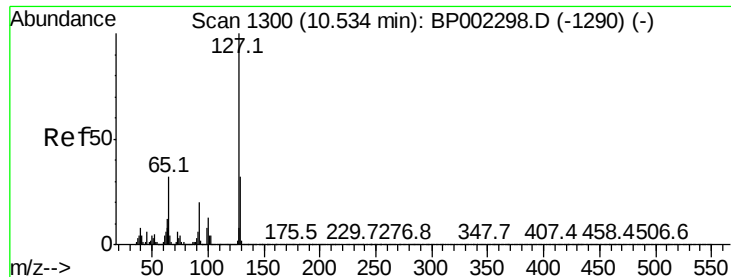


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

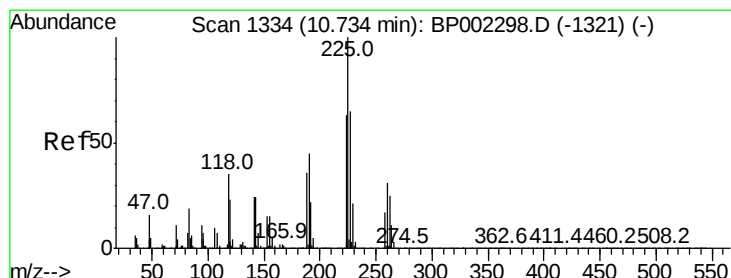
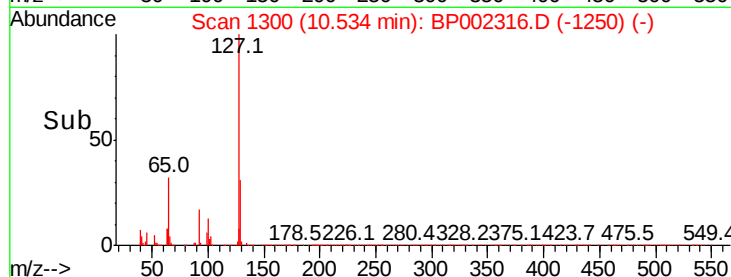
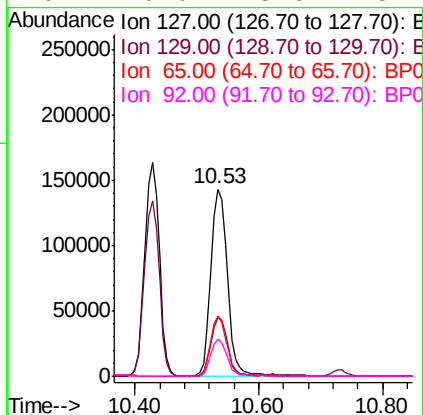
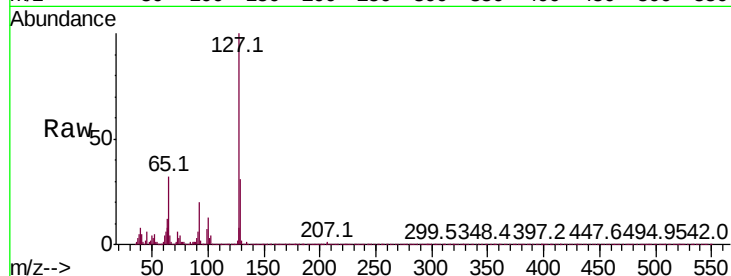




#33
4-Chloroaniline
Concen: 11.992 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

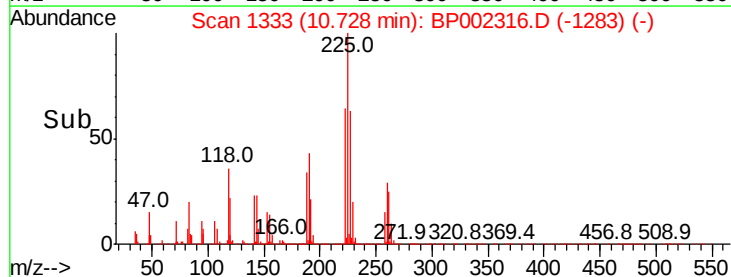
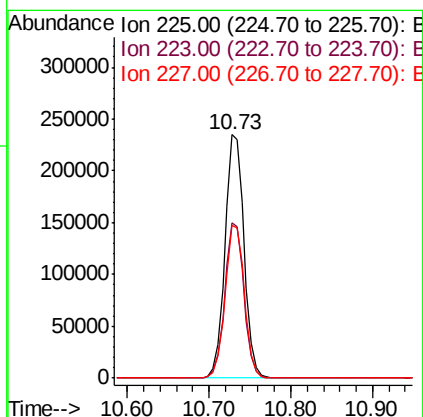
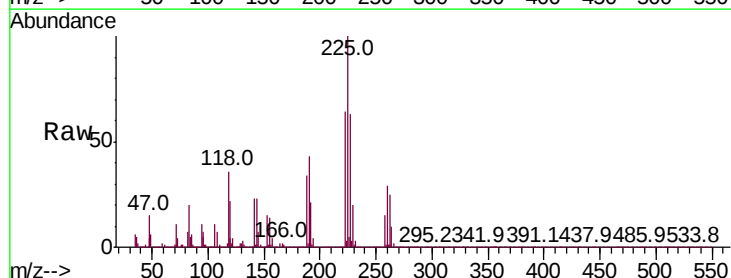
Instrument :
BNA_P
ClientSampleId :
PB129148BS

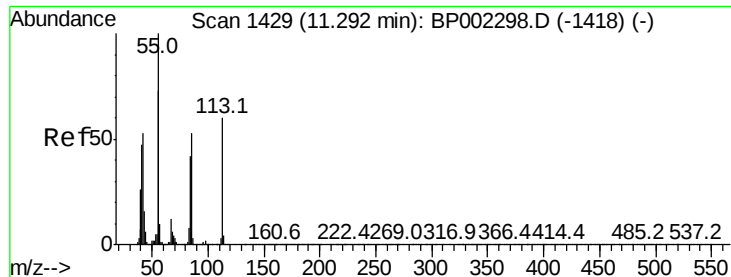
Tot Ion:	127	Resp:	264298
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	31.9	25.1	37.7
92	20.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 38.323 ng
RT: 10.73 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:	225	Resp:	377434
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.2
227	62.9	50.1	75.1

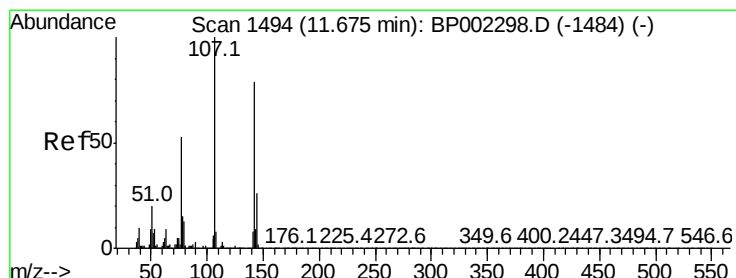
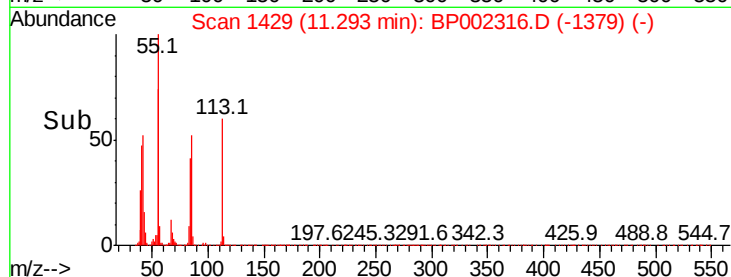
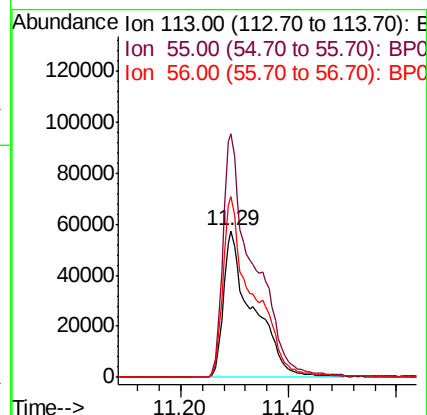
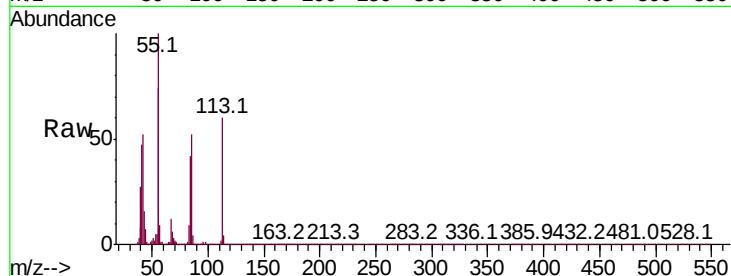




#35
 Caprolactam
 Concen: 41.759 ng
 RT: 11.29 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

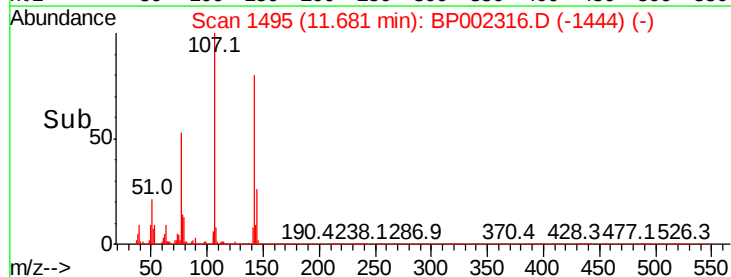
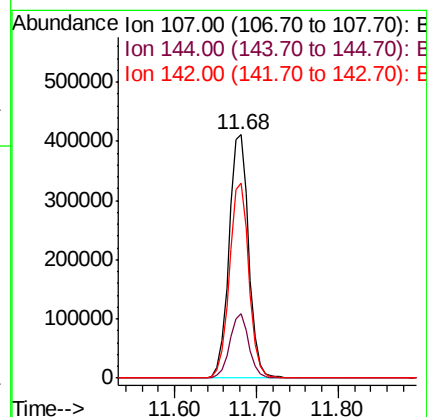
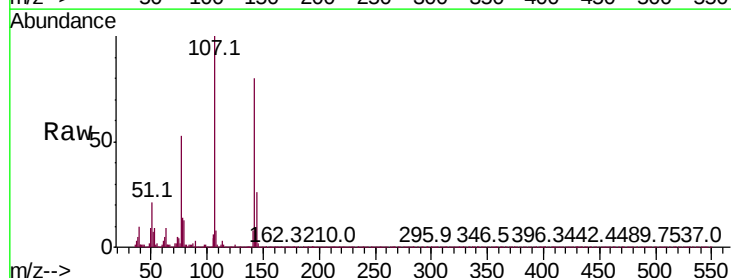
Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

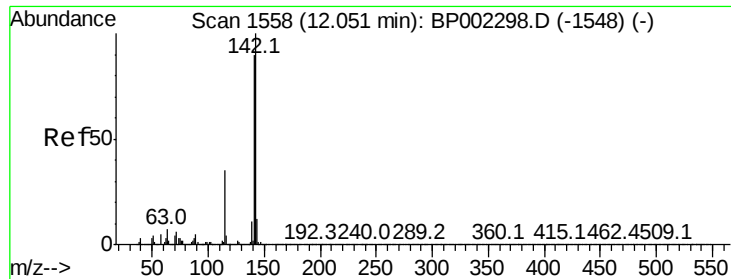
Tot Ion:113 Resp: 216899
 Ion Ratio Lower Upper
 113 100
 55 165.7 150.1 190.1
 56 122.9 104.1 144.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.378 ng
 RT: 11.68 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Tgt Ion:107 Resp: 684389
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 31.0
 142 80.3 63.0 94.6

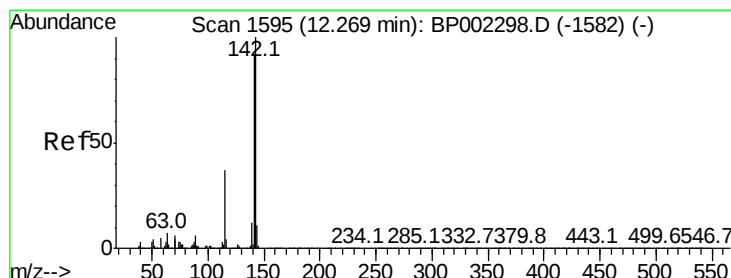
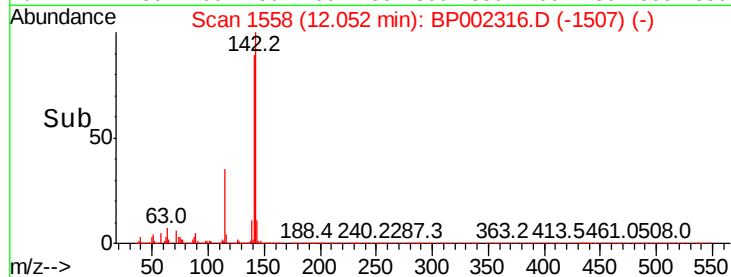
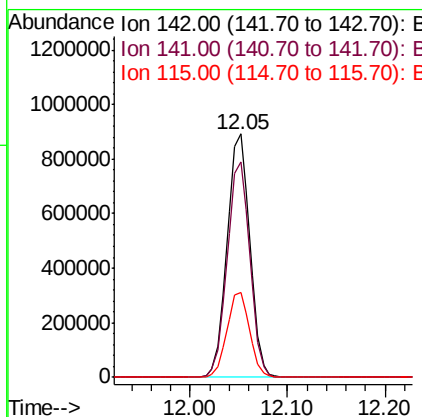
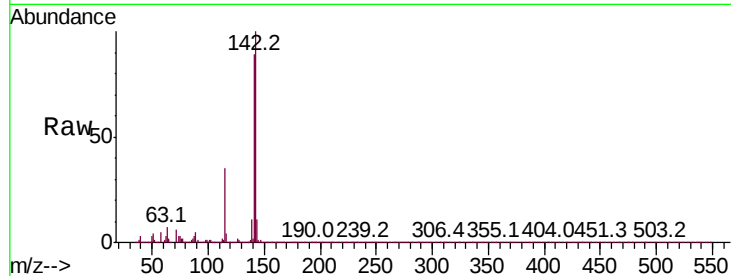




#37
2-Methylnaphthalene
Concen: 40.903 ng
RT: 12.05 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

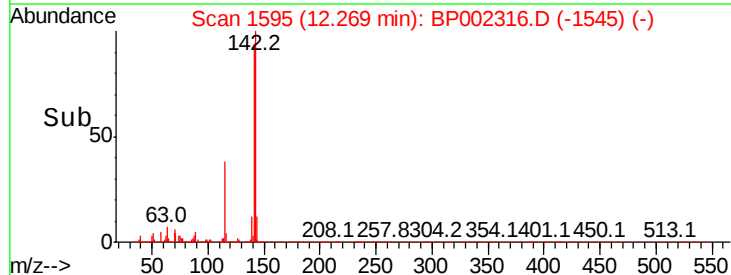
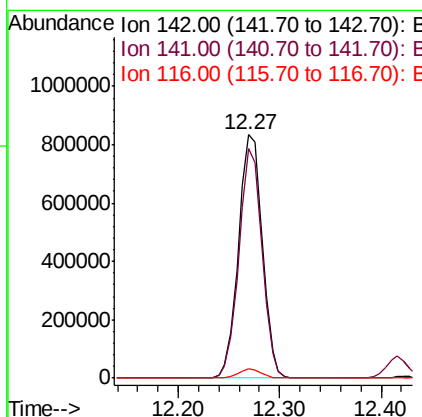
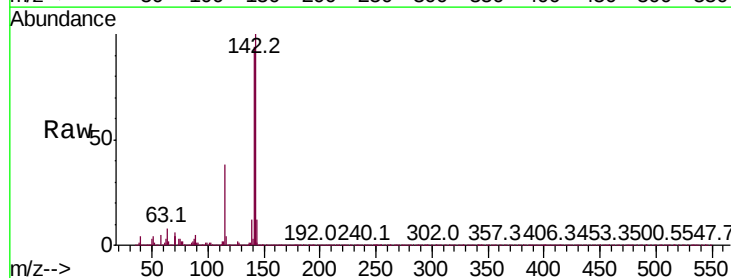
Instrument :
BNA_P
ClientSampleId :
PB129148BS

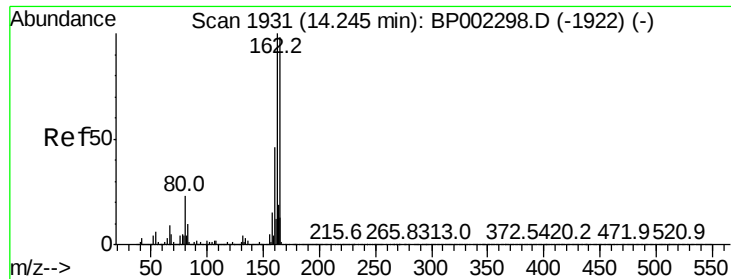
Tot Ion:142 Resp: 1438980
Ion Ratio Lower Upper
142 100
141 88.7 69.7 104.5
115 34.9 28.1 42.1



#38
1-Methylnaphthalene
Concen: 40.822 ng
RT: 12.27 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:142 Resp: 1363292
Ion Ratio Lower Upper
142 100
141 94.1 72.8 109.2
116 3.9 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: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

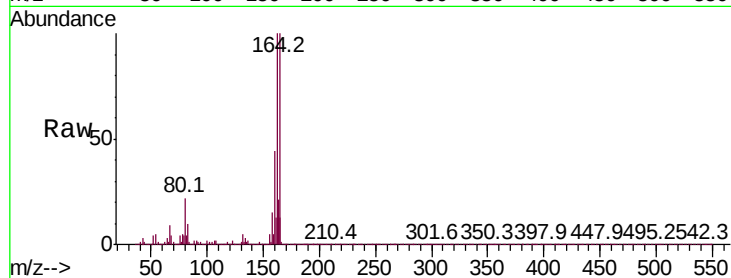
Tot Ion:164 Resp: 613448

Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

160 44.2 37.2 55.8

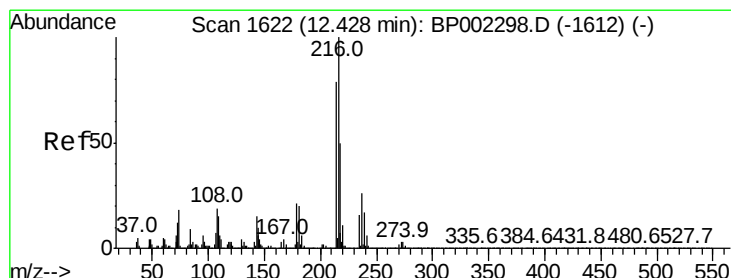
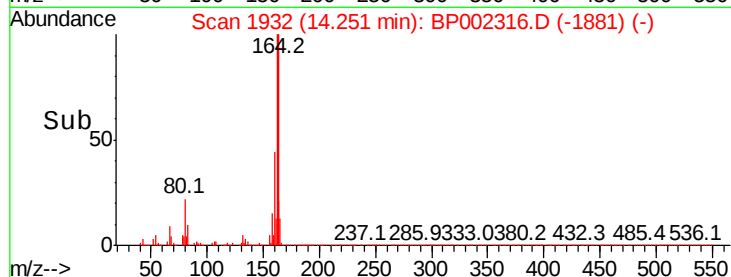
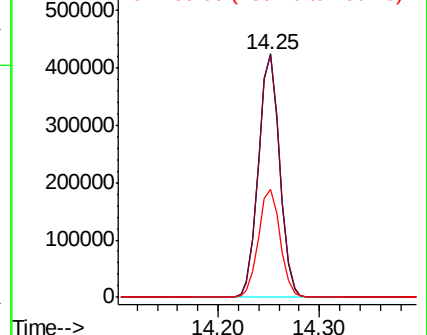


Abundance

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: 41.312 ng

RT: 12.43 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:216 Resp: 673469

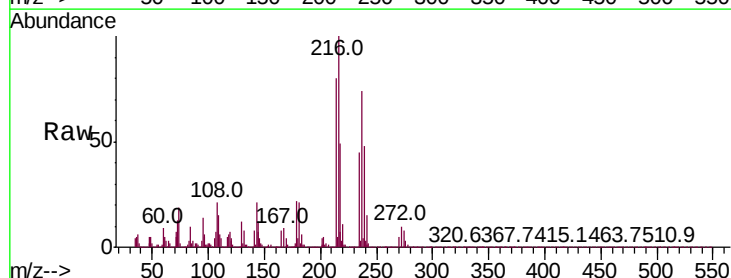
Ion Ratio Lower Upper

216 100

214 78.7 63.2 94.8

179 20.6 16.3 24.5

108 22.3 15.7 23.5



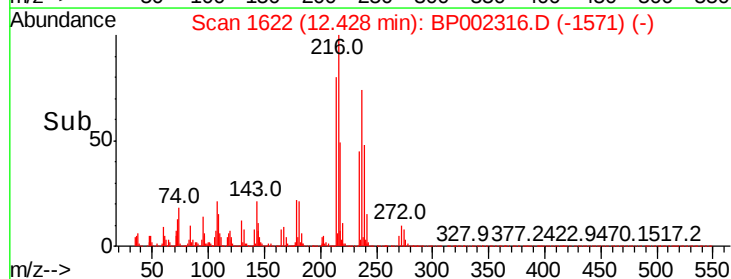
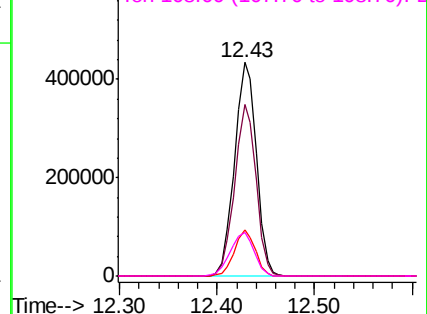
Abundance

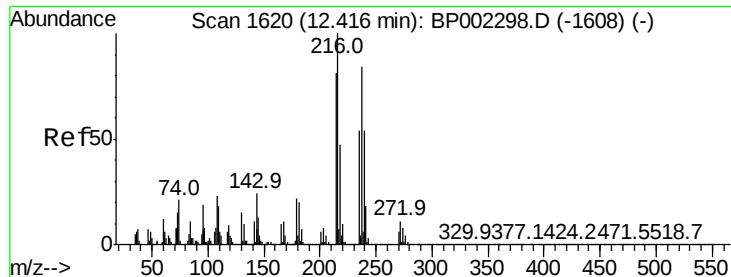
Ion 216.00 (215.70 to 216.70): E

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

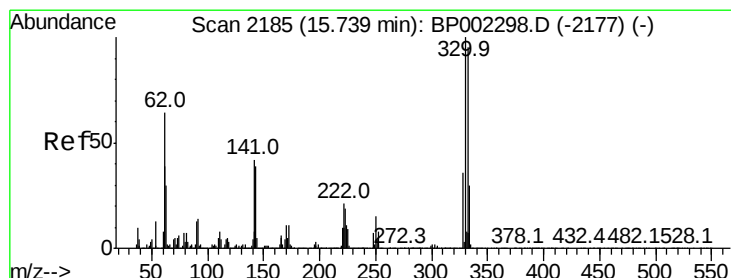
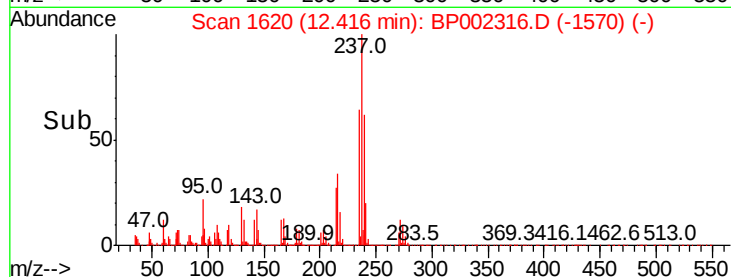
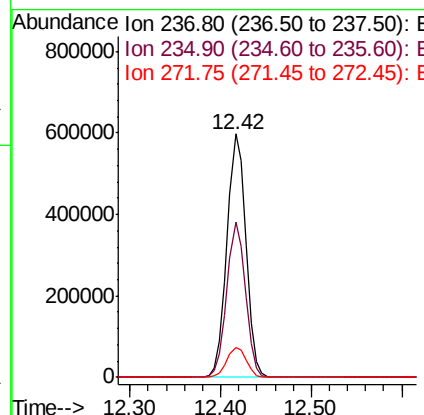
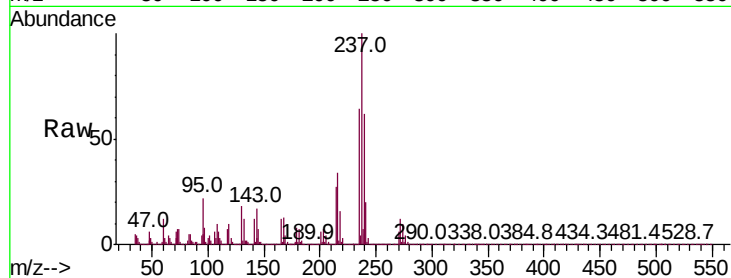




#41
Hexachlorocyclopentadiene
Concen: 99.371 ng
RT: 12.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

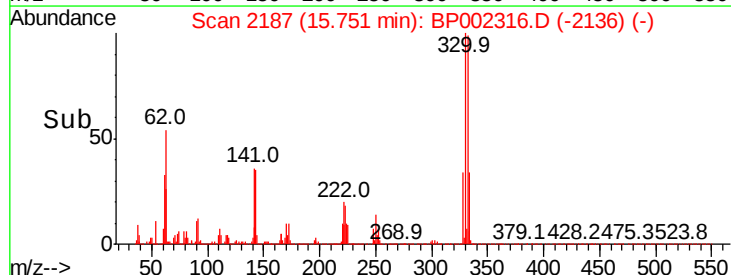
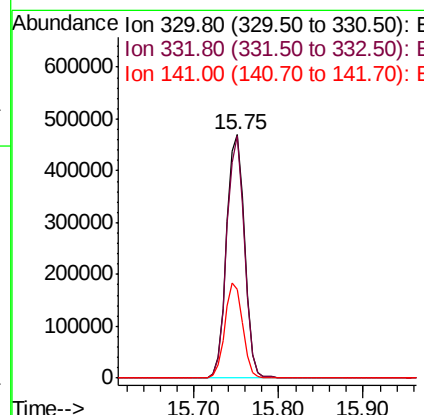
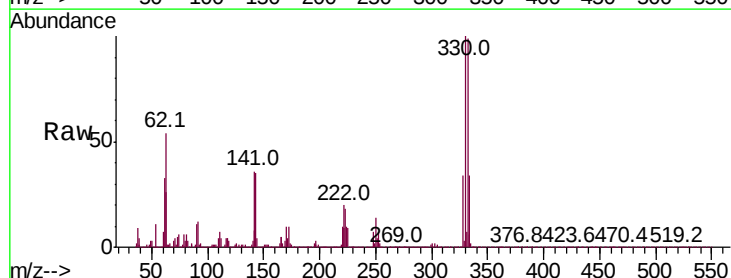
Instrument :
BNA_P
ClientSampleId :
PB129148BS

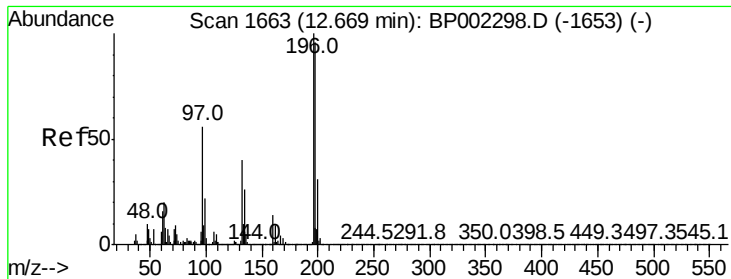
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.6	83.6
272	12.4	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 120.289 ng
RT: 15.75 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	38.7	31.4	47.2

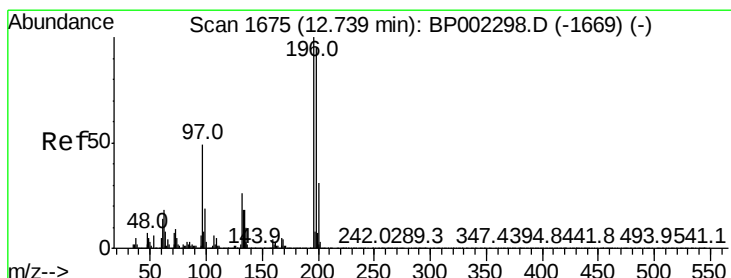
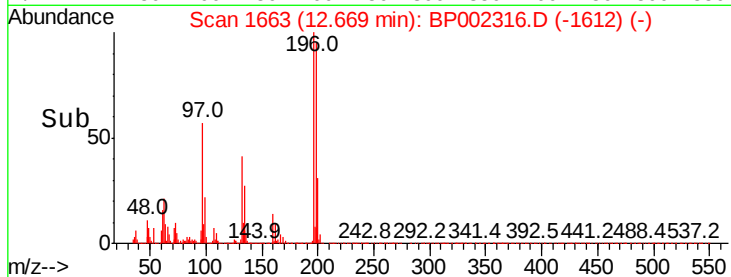
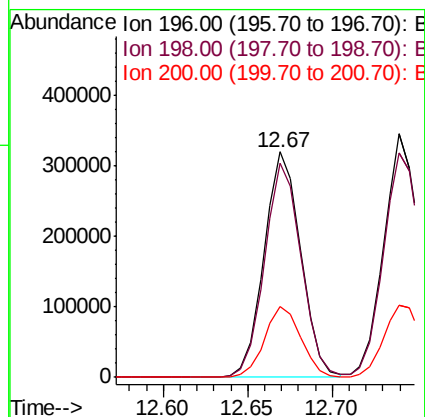
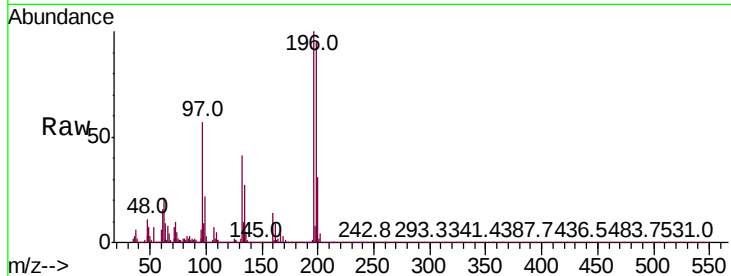




#43
 2,4,6-Trichlorophenol
 Concen: 42.526 ng
 RT: 12.67 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

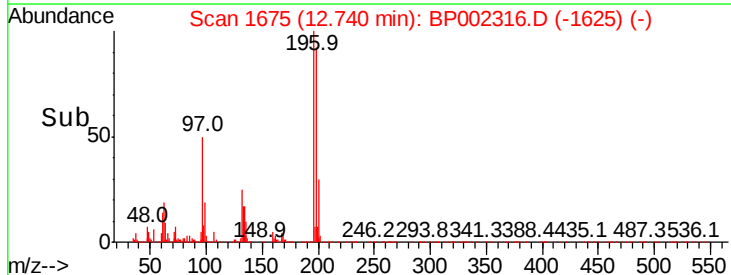
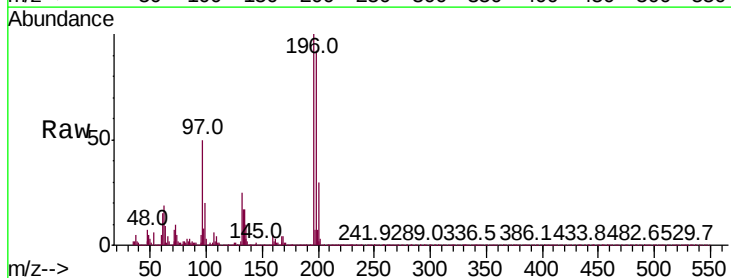
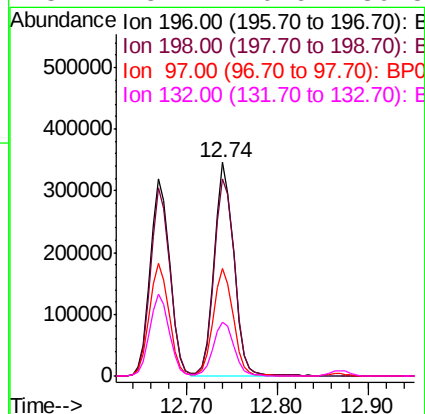
Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

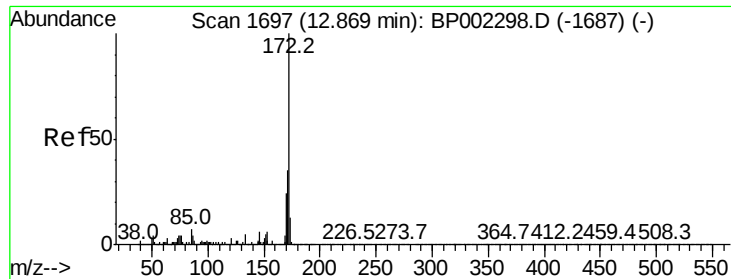
Tot Ion	196	Resp	480015
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.9	116.9
200	31.5	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.678 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Tgt Ion	196	Resp	519734
Ion Ratio	Lower	Upper	
196	100		
198	92.1	72.8	109.2
97	50.2	40.3	60.5
132	25.2	20.6	30.8



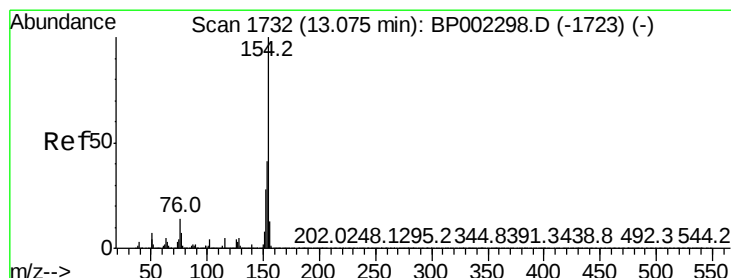
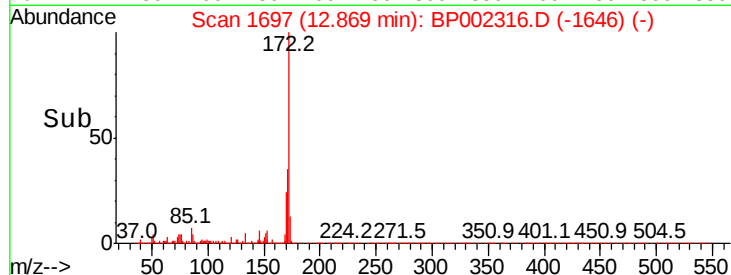
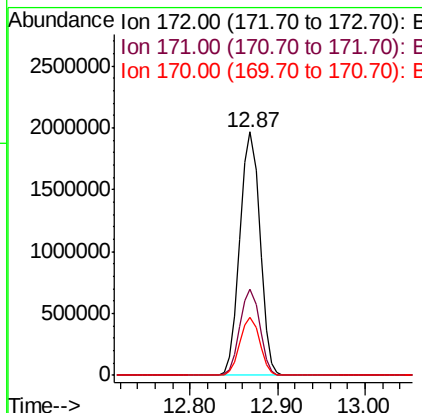
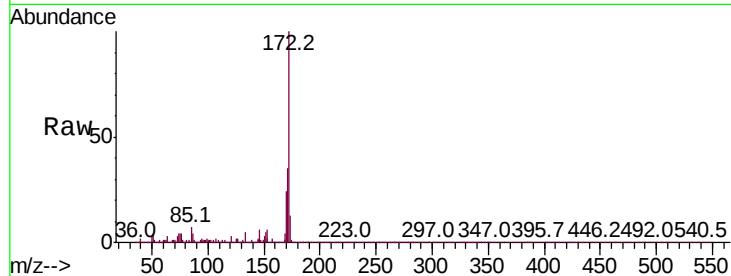


#45
2-Fluorobiphenyl
Concen: 86.966 ng
RT: 12.87 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion:172 Resp: 3023409

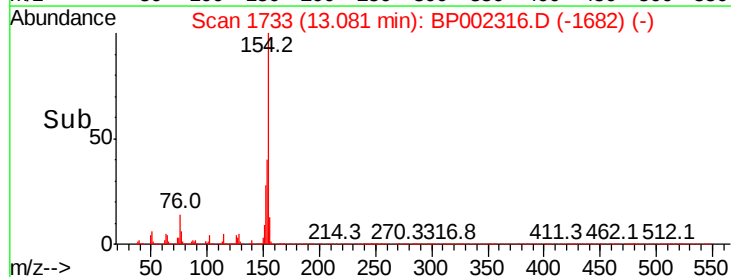
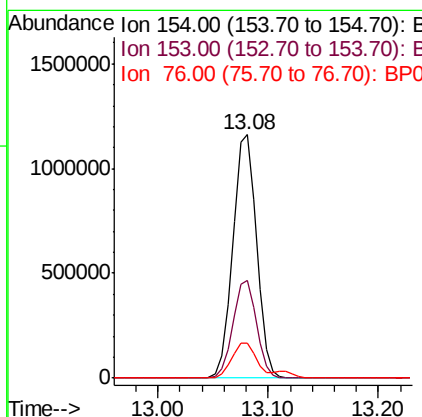
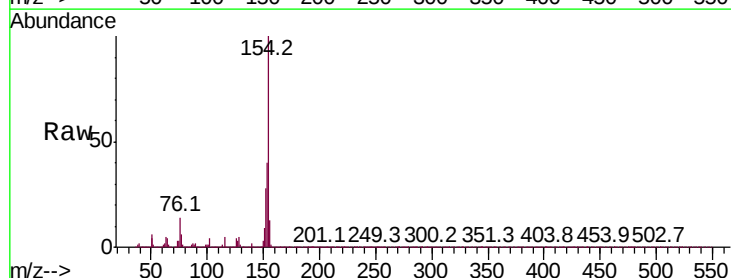
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	24.0	18.9	28.3

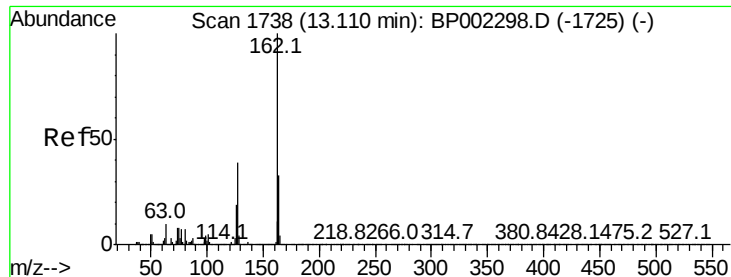


#46
1,1'-Biphenyl
Concen: 43.807 ng
RT: 13.08 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:154 Resp: 1760969

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.1	60.1
76	14.2	0.0	34.4

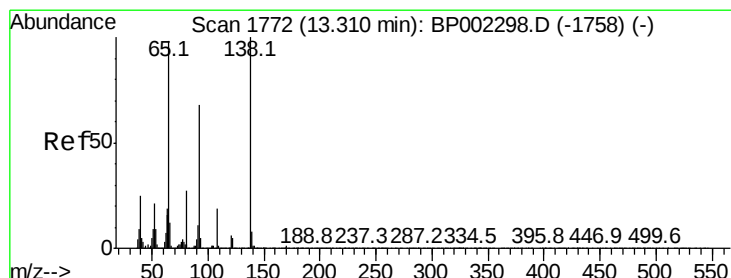
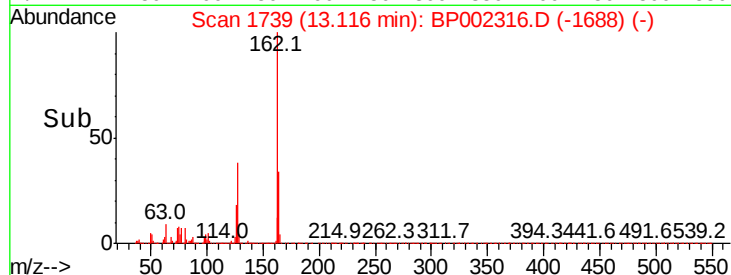
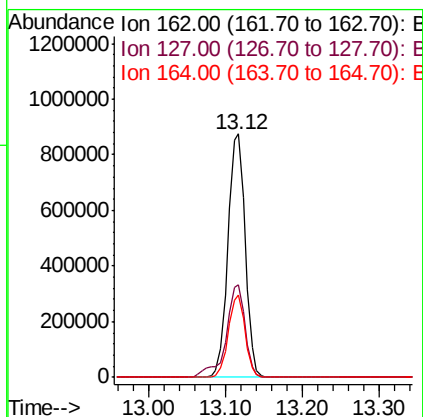
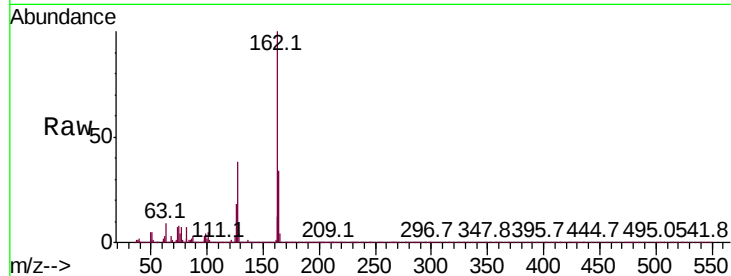




#47
2-Chloronaphthalene
Concen: 41.205 ng
RT: 13.12 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

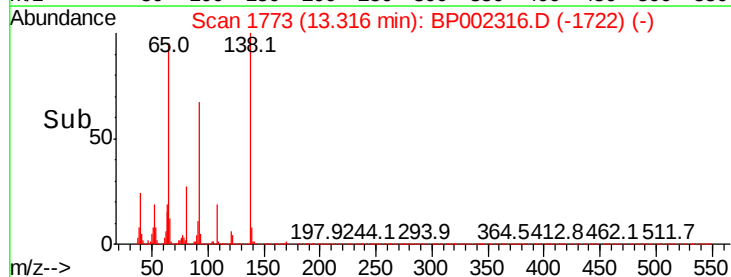
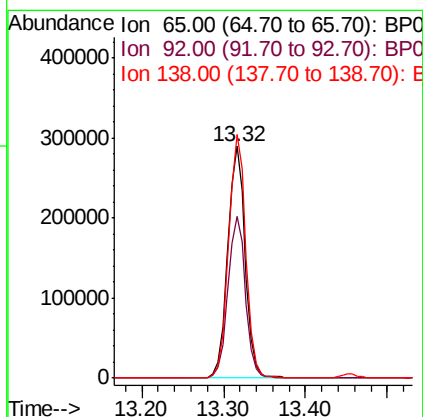
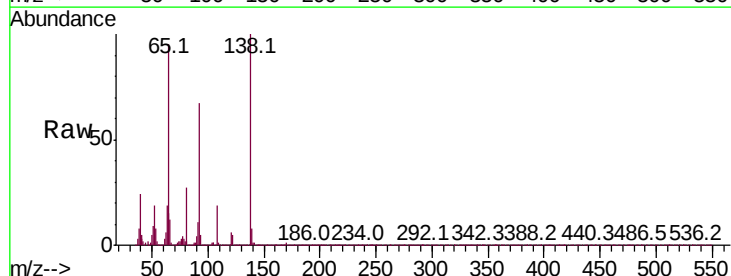
Instrument :
BNA_P
ClientSampleId :
PB129148BS

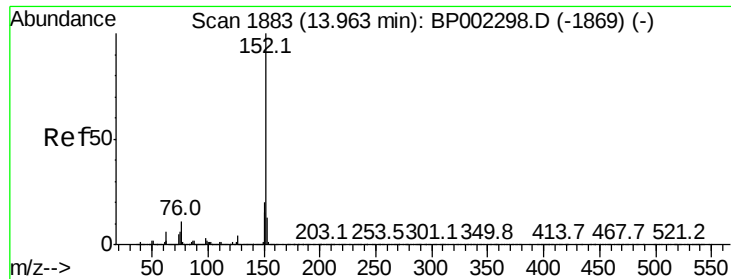
Tot Ion:162 Resp: 1366583
Ion Ratio Lower Upper
162 100
127 38.2 30.2 45.4
164 33.7 26.4 39.6



#48
2-Nitroaniline
Concen: 42.041 ng
RT: 13.32 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion: 65 Resp: 428757
Ion Ratio Lower Upper
65 100
92 69.9 54.5 81.7
138 105.0 80.2 120.2





#49

Acenaphthylene

Concen: 42.482 ng

RT: 13.97 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

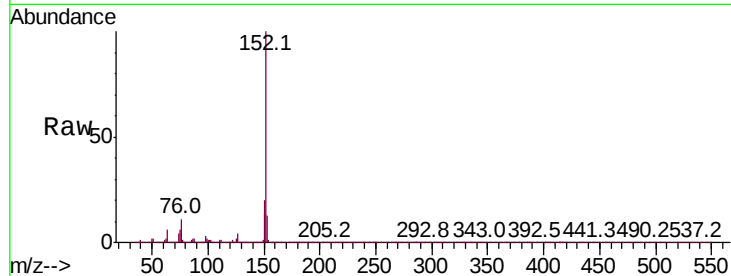
Tot Ion:152 Resp: 2232489

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

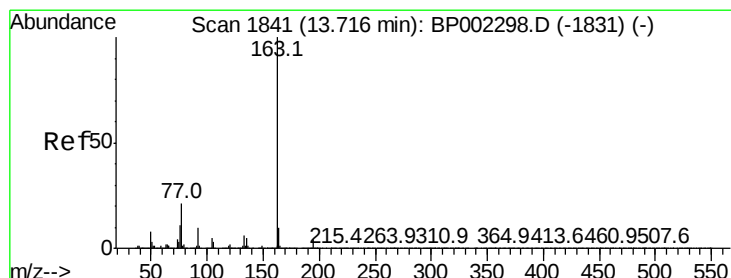
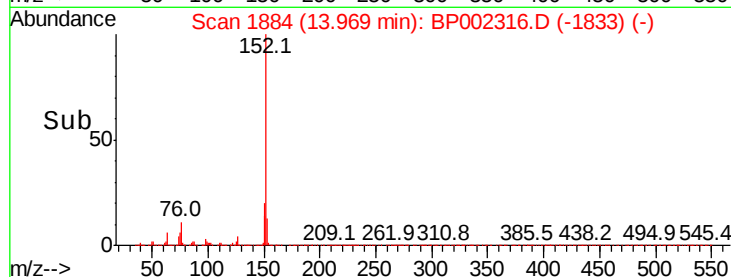
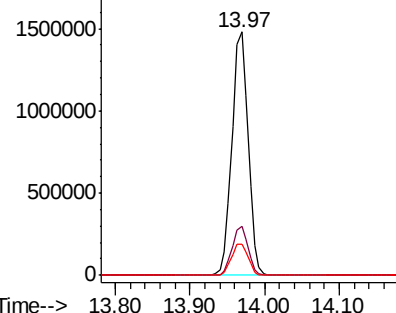
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.355 ng

RT: 13.72 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

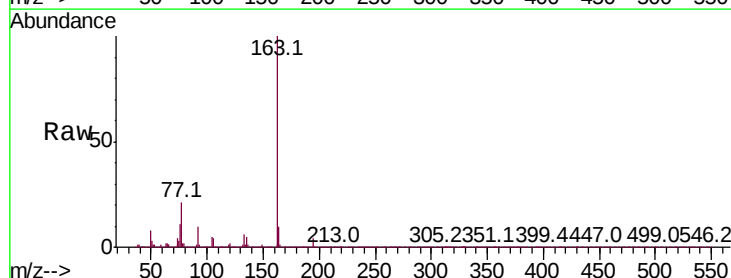
Tgt Ion:163 Resp: 1675668

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

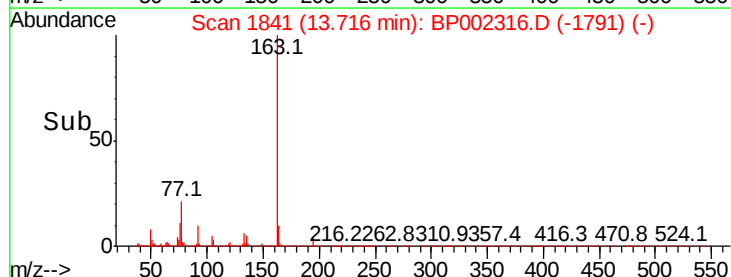
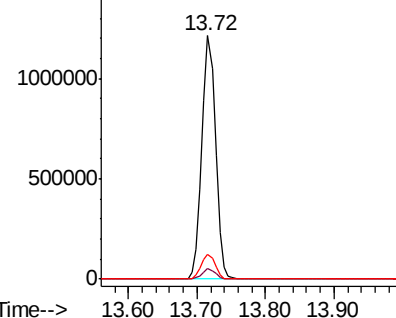
164 10.2 8.1 12.1

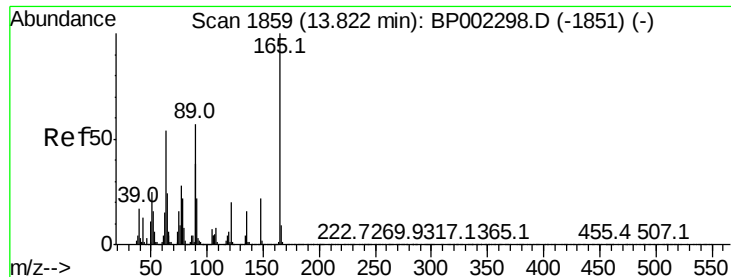


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.205 ng

RT: 13.82 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

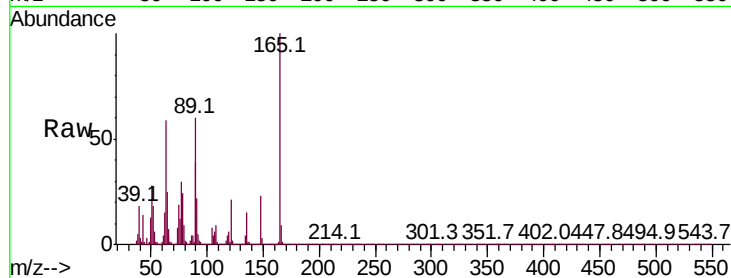
Tot Ion:165 Resp: 371314

Ion Ratio Lower Upper

165 100

63 58.6 45.5 68.3

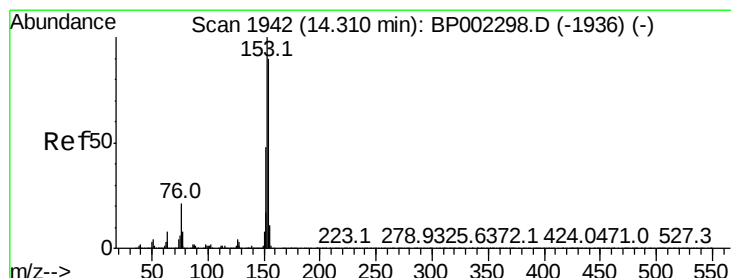
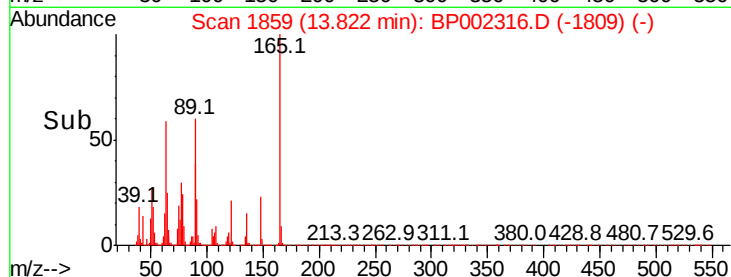
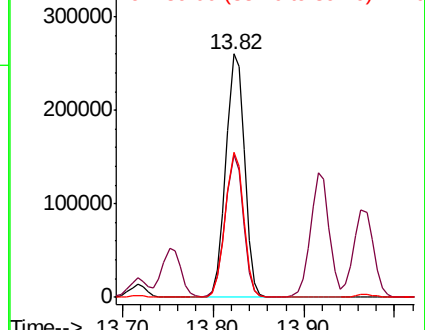
89 59.6 47.6 71.4



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: 37.980 ng

RT: 14.32 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

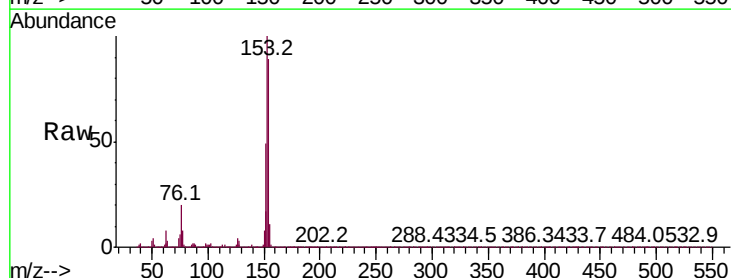
Tgt Ion:154 Resp: 1284000

Ion Ratio Lower Upper

154 100

153 112.1 89.7 134.5

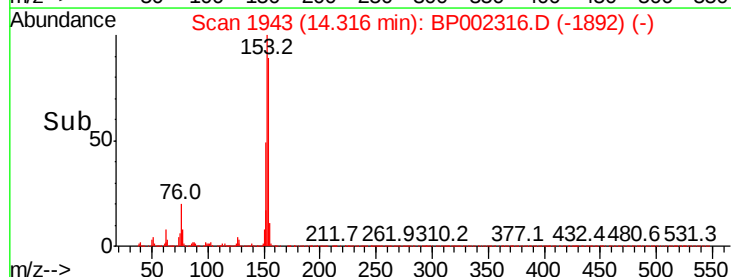
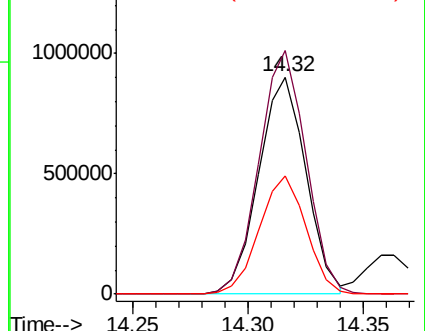
152 54.7 44.0 66.0

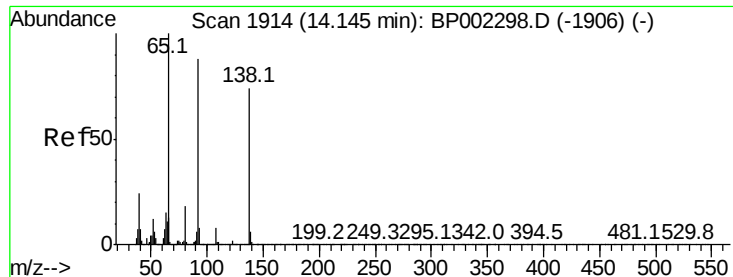


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

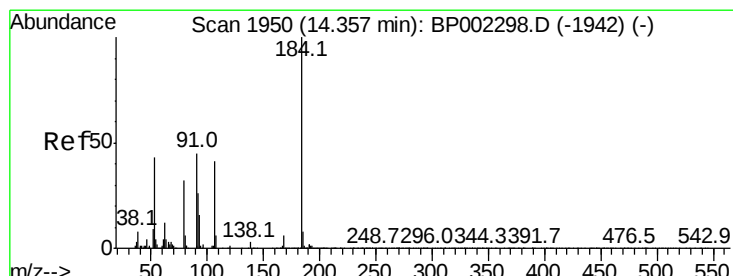
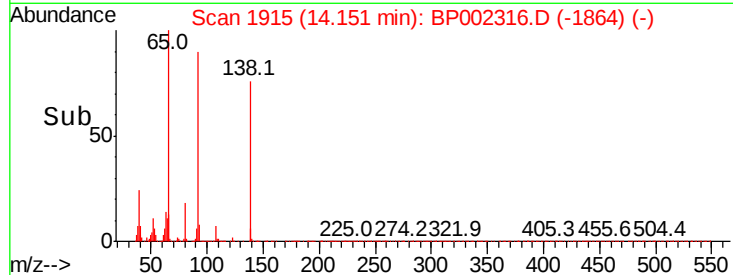
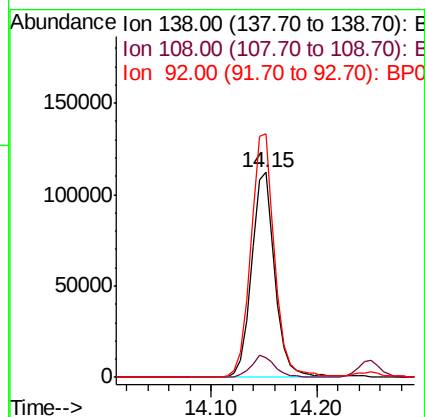
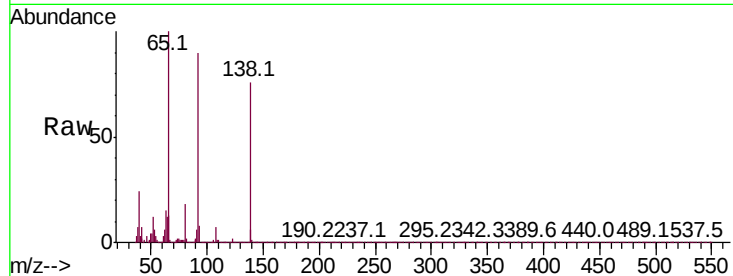




#53
3-Nitroaniline
Concen: 16.792 ng
RT: 14.15 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

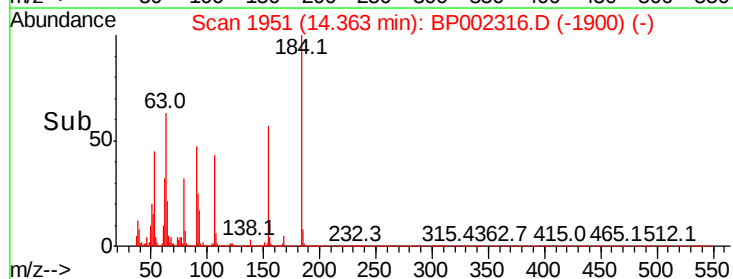
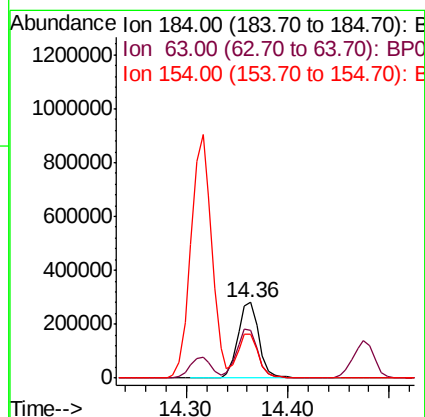
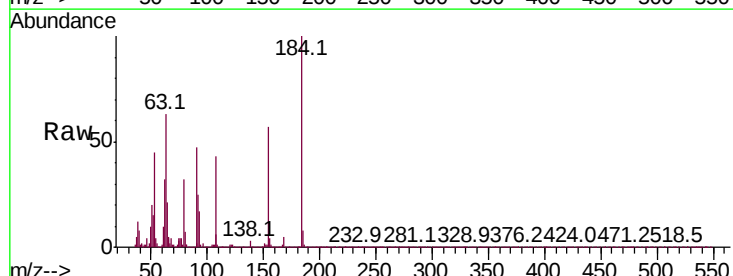
Instrument :
BNA_P
ClientSampleId :
PB129148BS

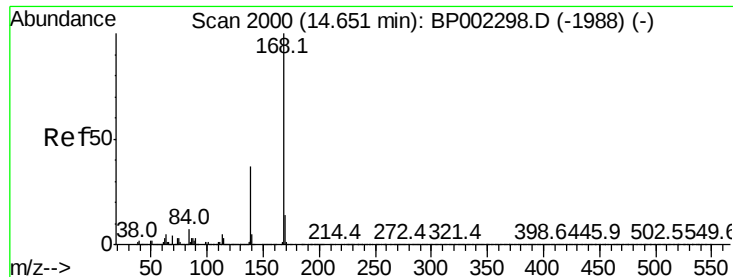
Tot Ion:138 Resp: 173128
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 118.7 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 89.061 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:184 Resp: 405536
Ion Ratio Lower Upper
184 100
63 63.0 53.6 80.4
154 57.4 47.4 71.2

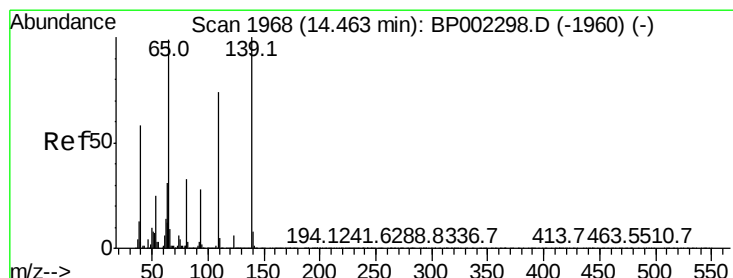
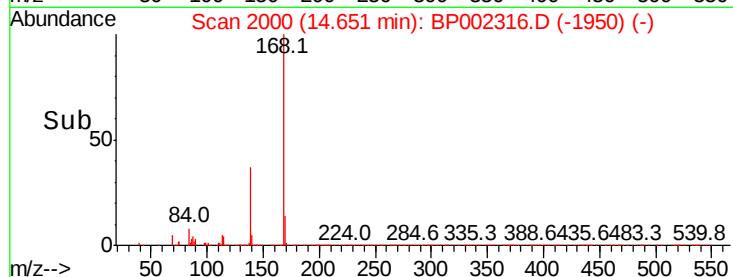
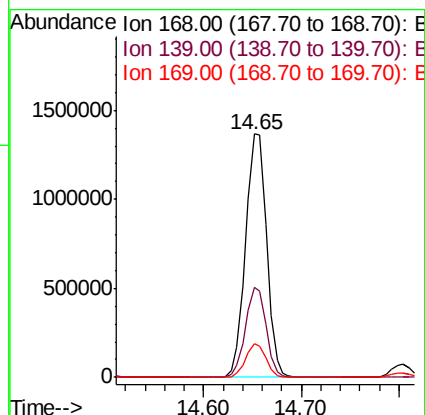
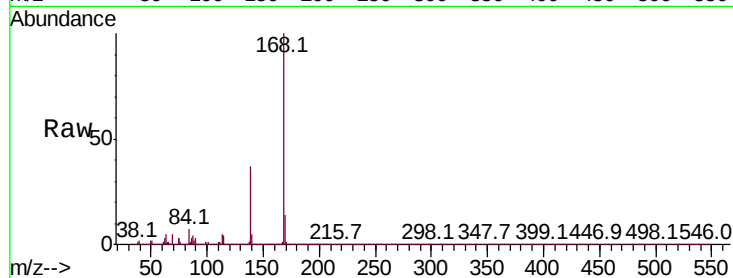




#55
Dibenzenofuran
Concen: 40.888 ng
RT: 14.65 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

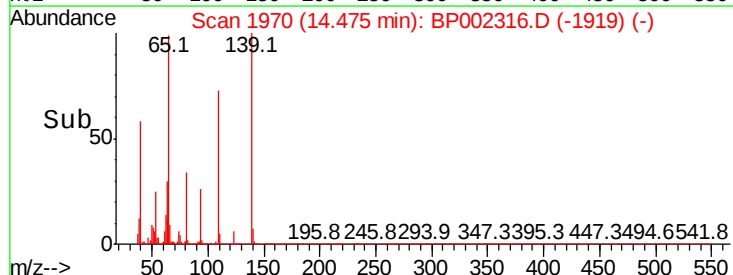
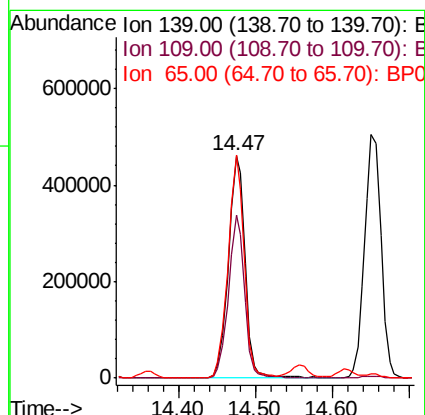
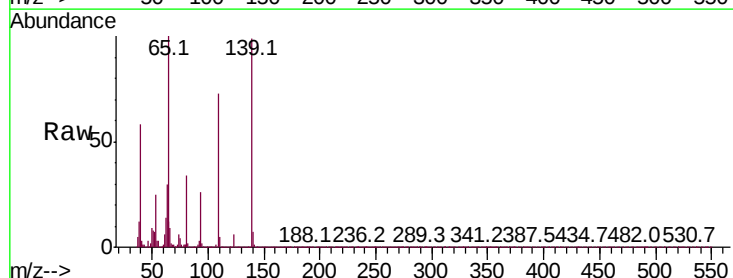
Instrument :
BNA_P
ClientSampleId :
PB129148BS

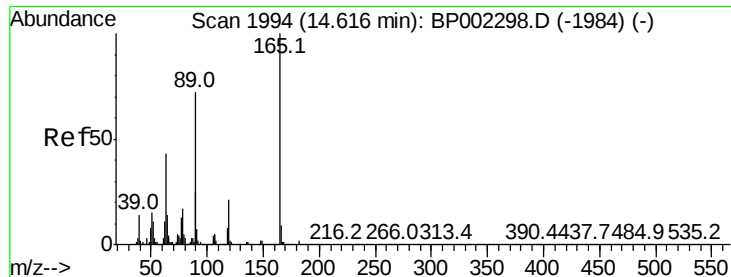
Tot Ion:168 Resp: 2043921
Ion Ratio Lower Upper
168 100
139 36.9 28.9 43.3
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 85.479 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:139 Resp: 696560
Ion Ratio Lower Upper
139 100
109 73.3 51.1 91.1
65 100.7 79.2 119.2

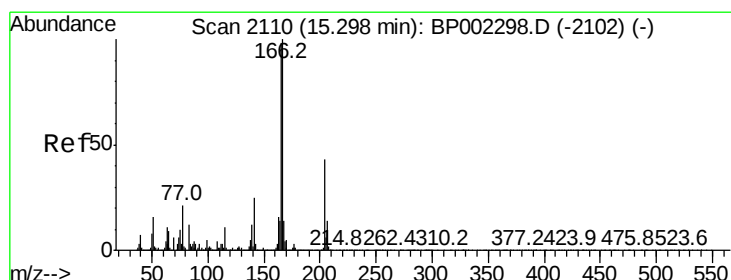
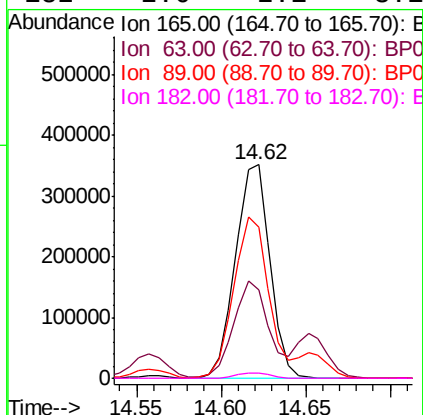
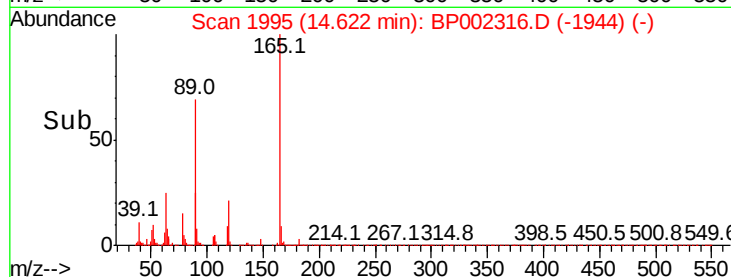
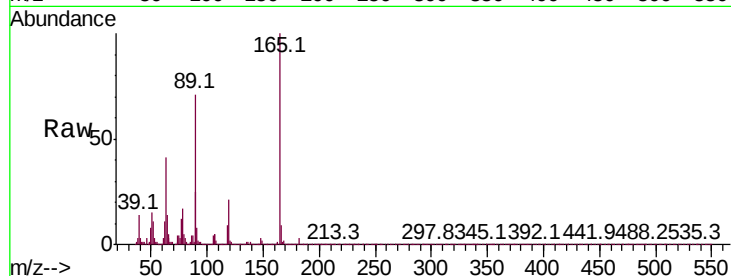




#57
2,4-Dinitrotoluene
Concen: 41.188 ng
RT: 14.62 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

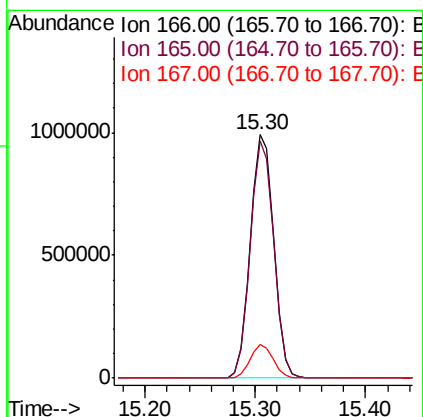
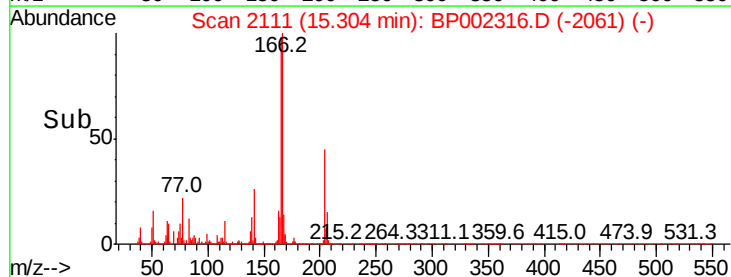
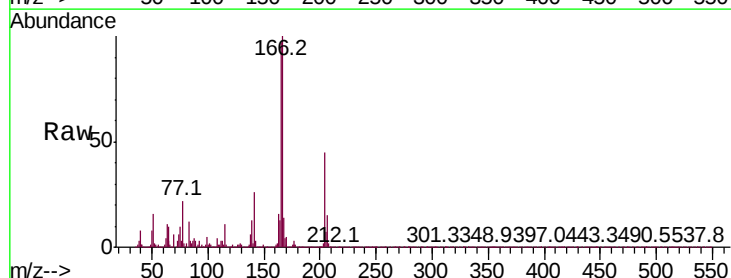
Instrument :
BNA_P
ClientSampleId :
PB129148BS

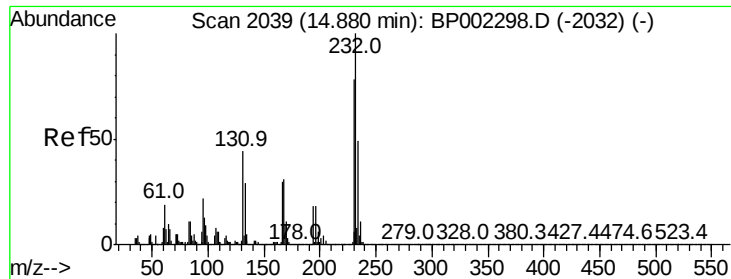
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	36.8	55.2
89	70.7	61.6	92.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 39.993 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	75.8	113.8
167	13.6	10.6	16.0

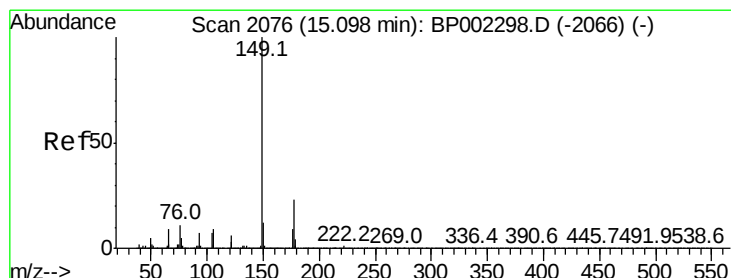
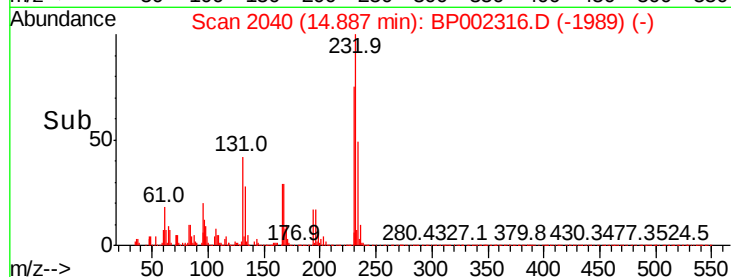
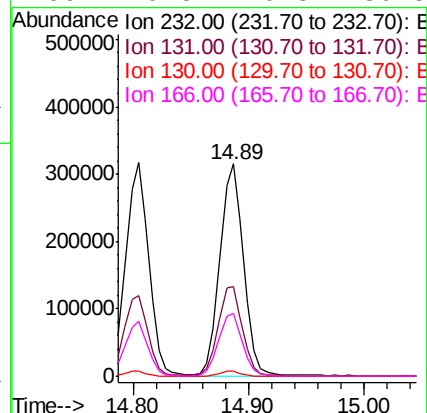
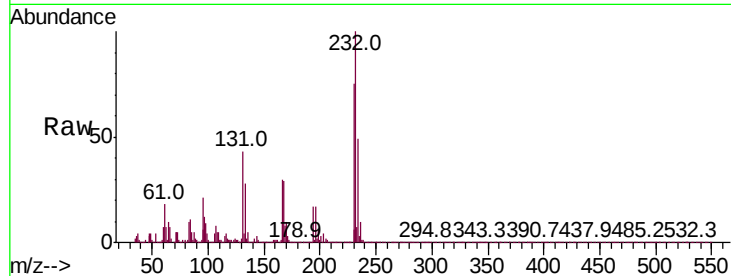




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.791 ng
RT: 14.89 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

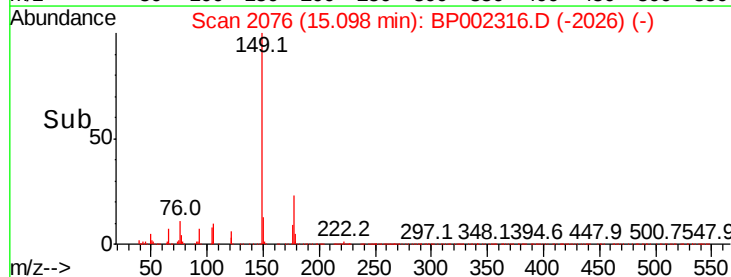
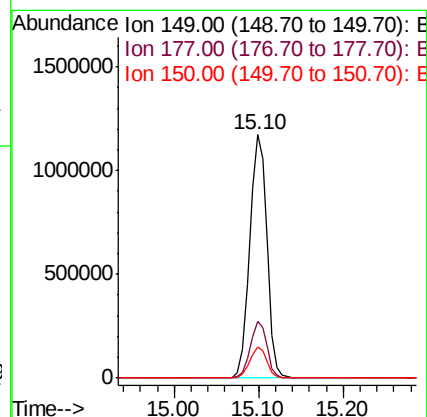
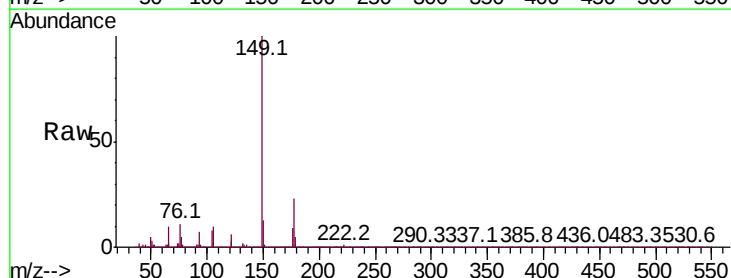
Instrument :
BNA_P
ClientSampleId :
PB129148BS

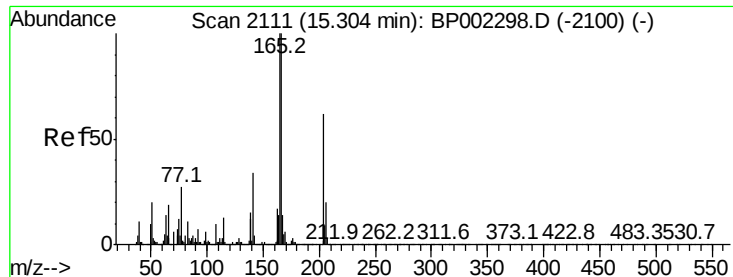
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	32.1	48.1
130	2.3	1.8	2.8
166	29.8	20.3	30.5



#60
Diethylphthalate
Concen: 39.950 ng
RT: 15.10 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	13.0	10.2	15.4

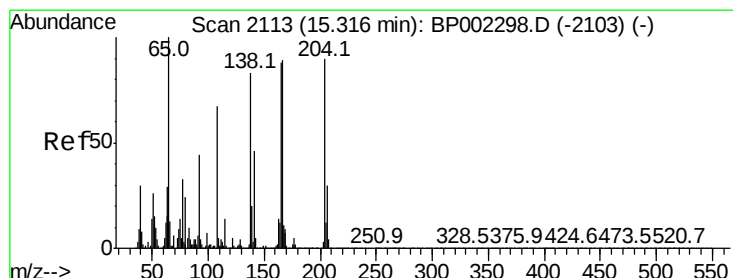
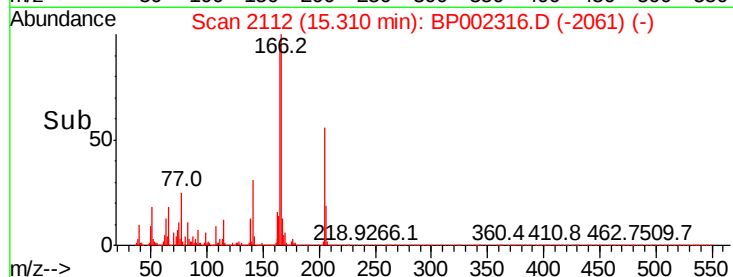
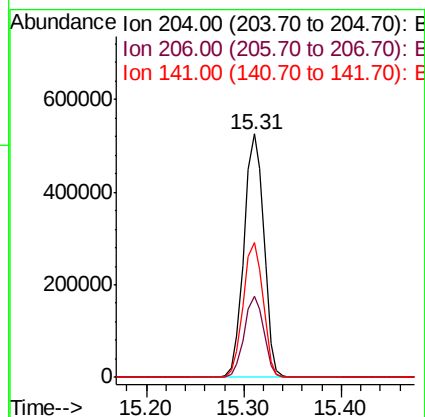
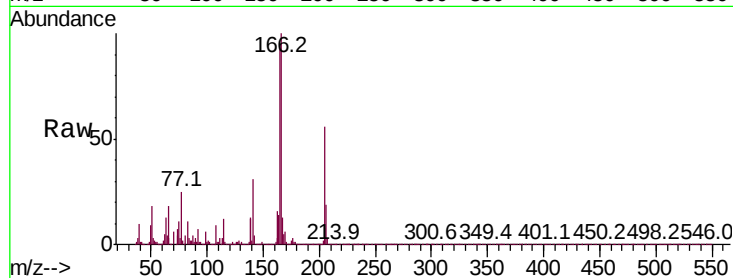




#61
4-Chlorophenyl-phenylether
Concen: 38.206 ng
RT: 15.31 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

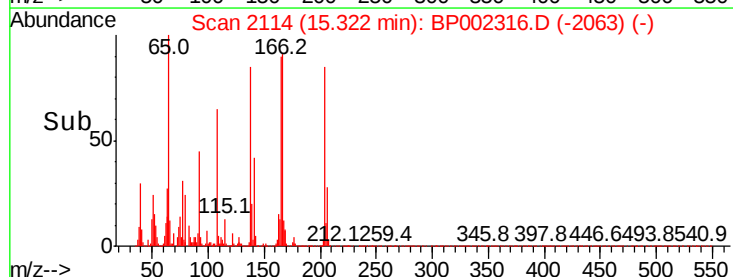
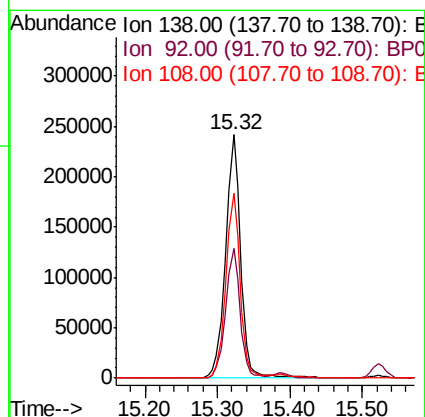
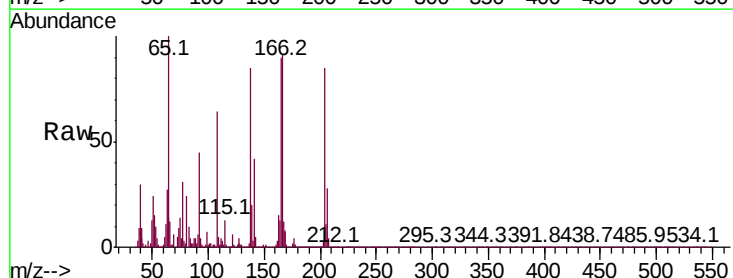
Instrument :
BNA_P
ClientSampleId :
PB129148BS

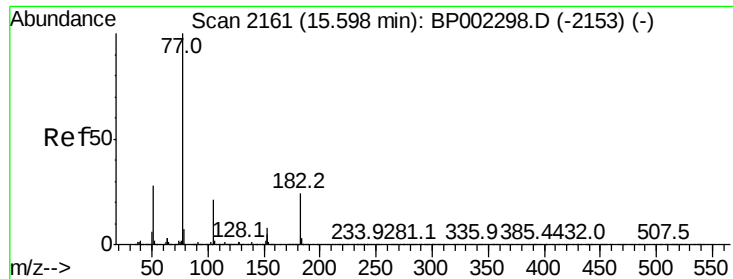
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	55.6	45.4	68.0



#62
4-Nitroaniline
Concen: 36.965 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	33.2	73.2
108	76.0	60.3	100.3



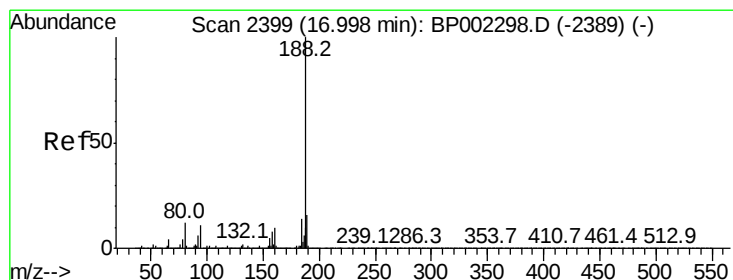
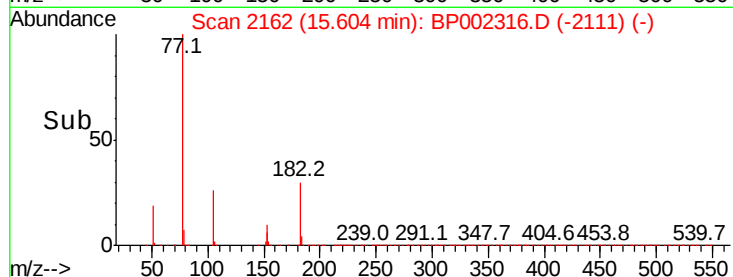
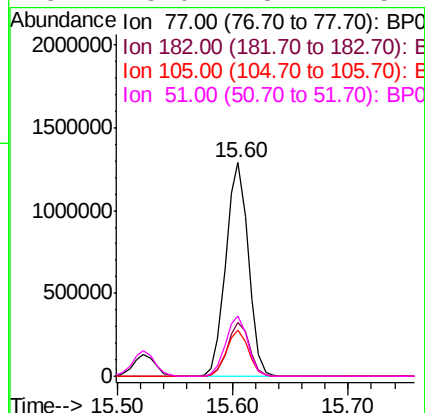
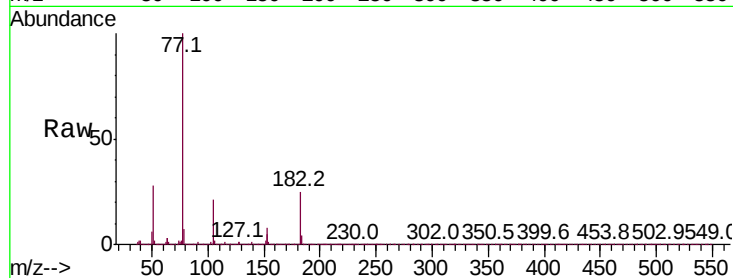


#63
Azobenzene
Concen: 41.184 ng
RT: 15.60 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion: 77 Resp: 1734088

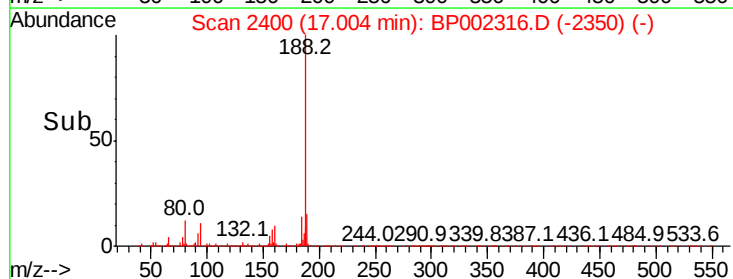
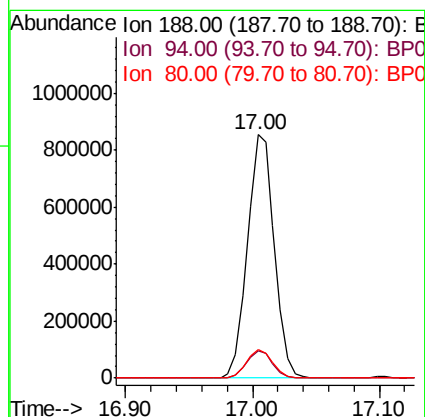
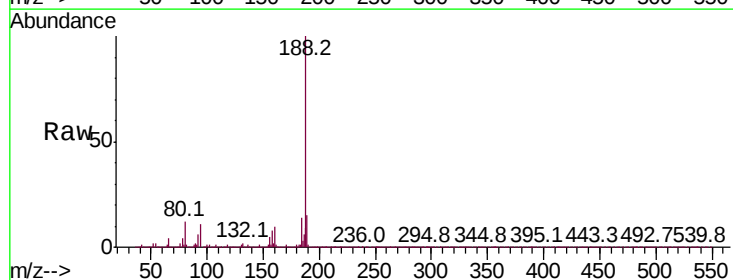
Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.4	44.4
105	21.5	1.1	41.1
51	28.0	8.1	48.1

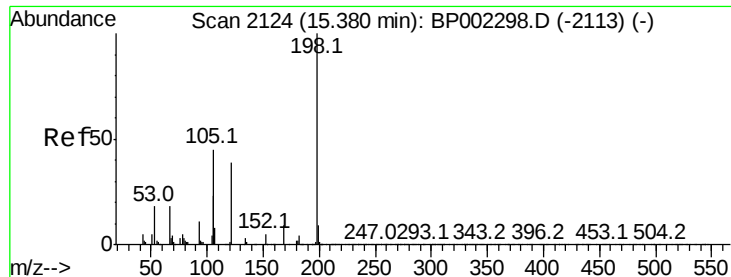


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion: 188 Resp: 1254974

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.7	13.1
80	11.9	9.3	13.9

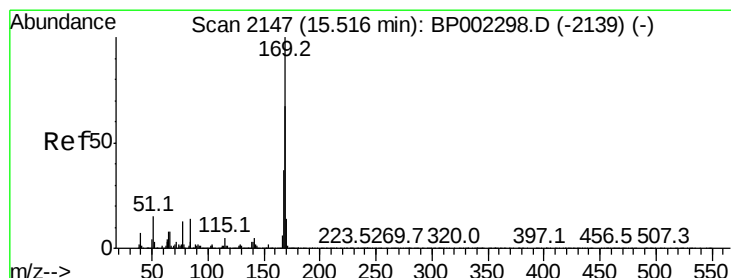
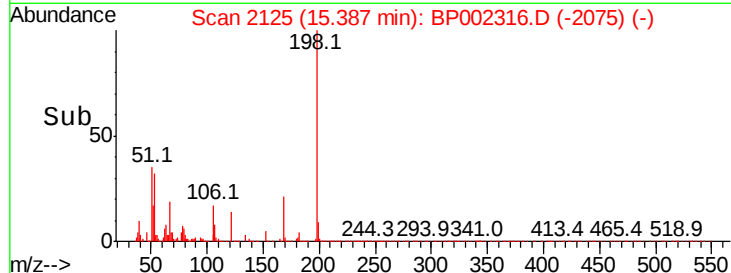
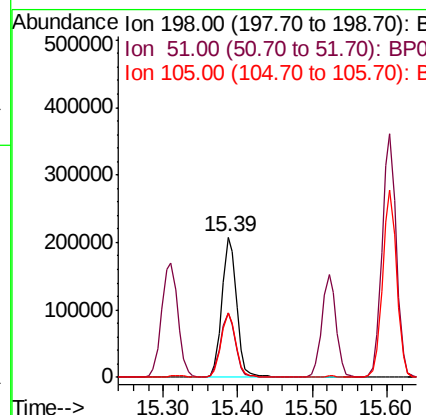
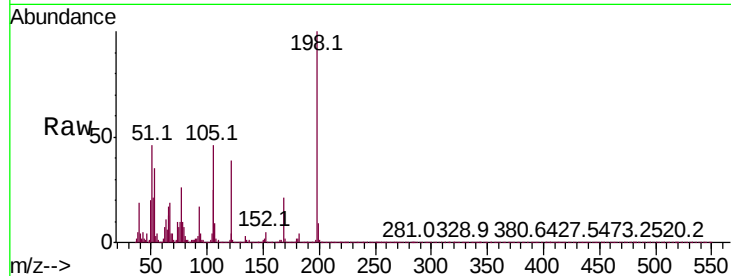




#65
4,6-Dinitro-2-methylphenol
Concen: 45.430 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

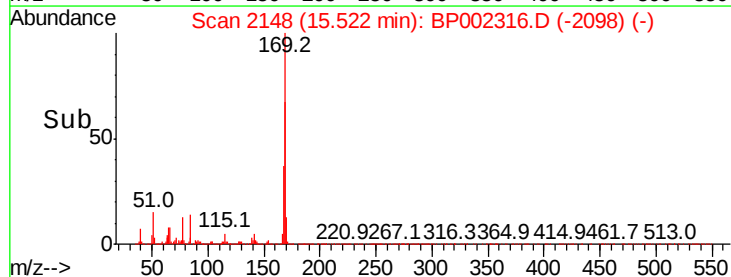
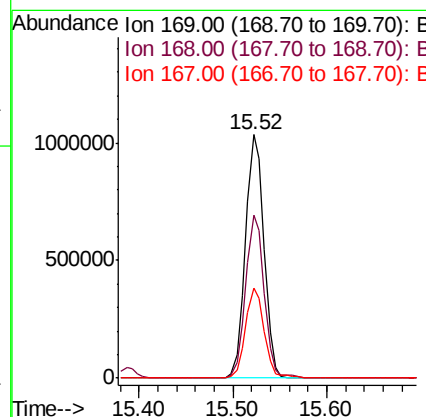
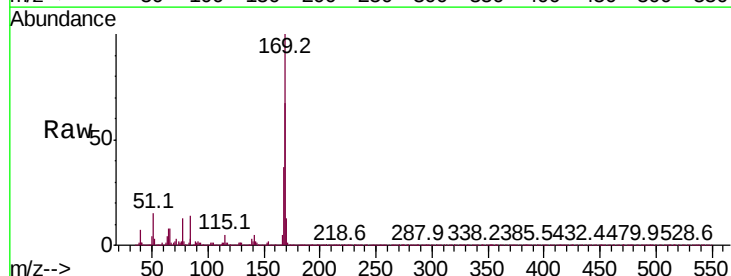
Instrument :
BNA_P
ClientSampleId :
PB129148BS

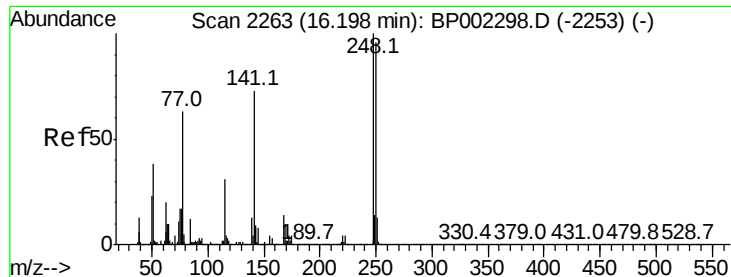
Tot Ion:198 Resp: 281943
Ion Ratio Lower Upper
198 100
51 46.2 25.4 65.4
105 46.0 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 42.811 ng
RT: 15.52 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:169 Resp: 1410707
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.7 29.8 44.8

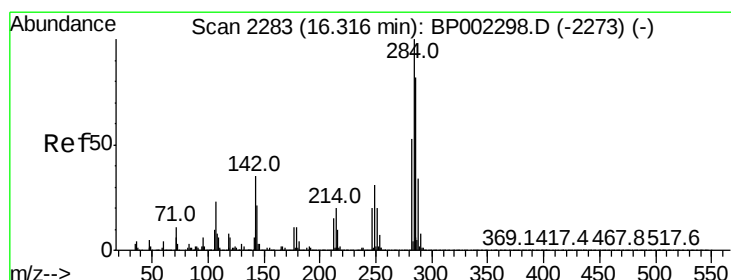
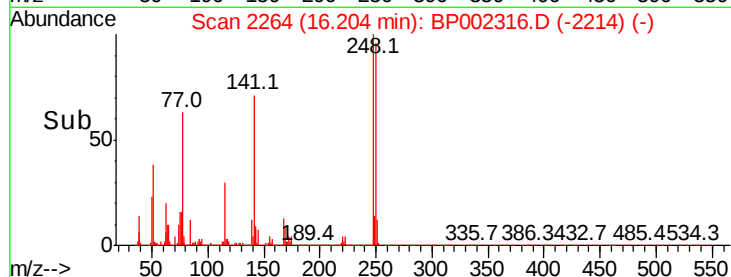
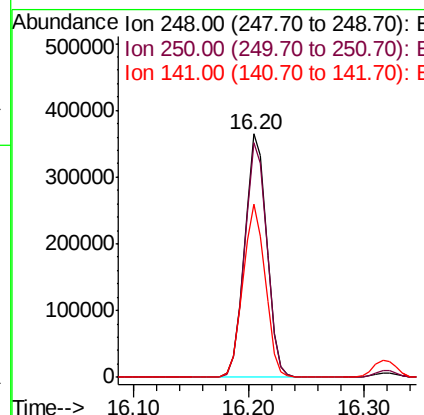
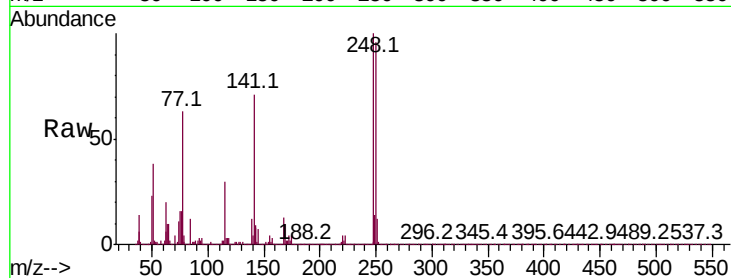




#67
4-Bromophenyl-phenylether
Concen: 39.229 ng
RT: 16.20 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

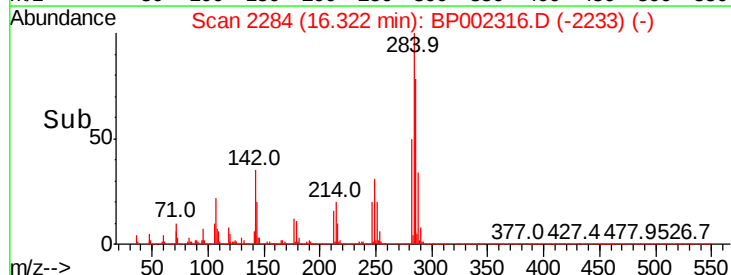
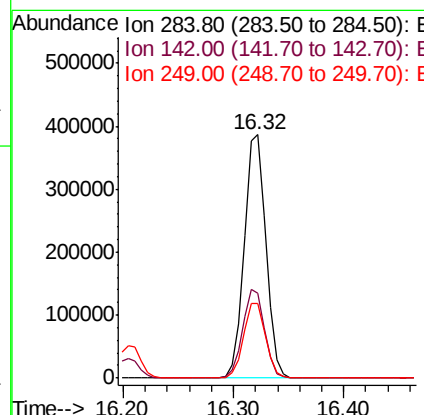
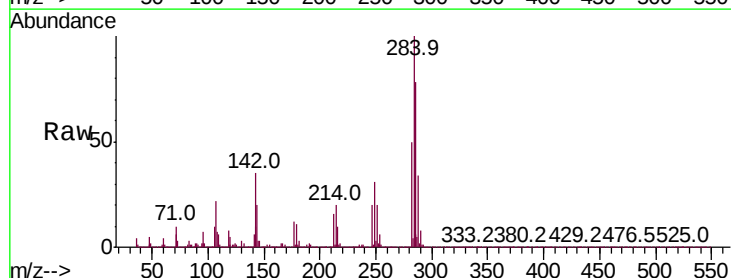
Instrument :
BNA_P
ClientSampleId :
PB129148BS

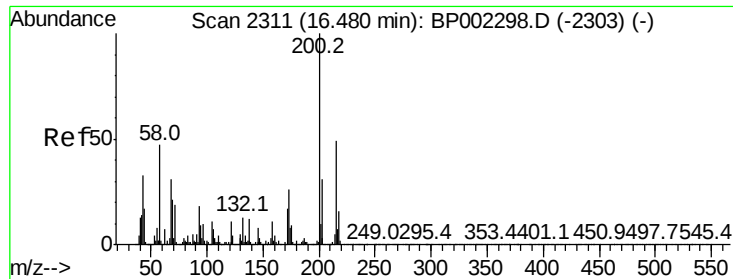
Tot Ion:248 Resp: 483825
Ion Ratio Lower Upper
248 100
250 96.1 77.5 116.3
141 71.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.011 ng
RT: 16.32 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:284 Resp: 534386
Ion Ratio Lower Upper
284 100
142 34.6 27.0 40.4
249 30.7 24.6 37.0





#69

Atrazine

Concen: 42.212 ng

RT: 16.49 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

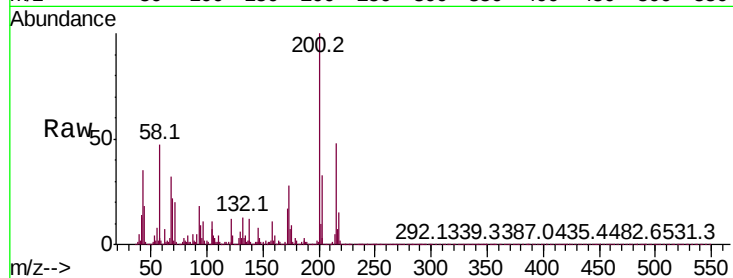
Tot Ion:200 Resp: 443744

Ion Ratio Lower Upper

200 100

173 27.7 6.3 46.3

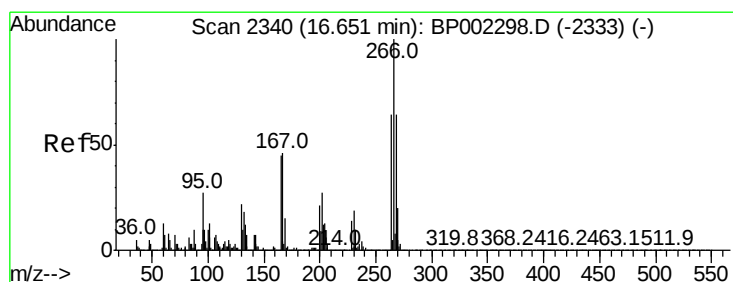
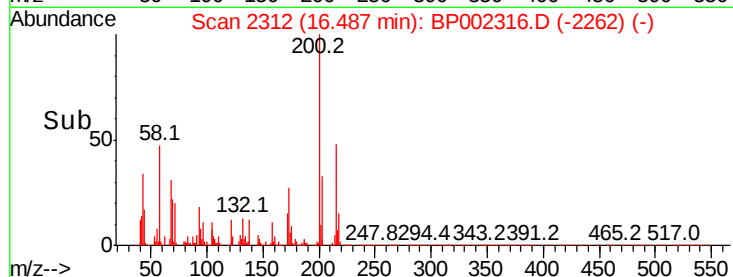
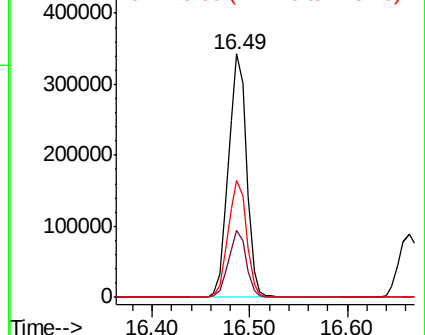
215 48.2 29.8 69.8



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: 82.816 ng

RT: 16.66 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

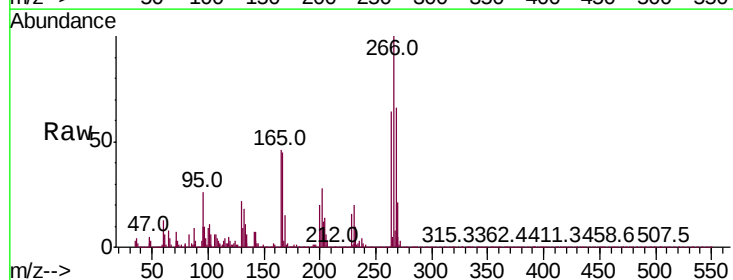
Tgt Ion:266 Resp: 658291

Ion Ratio Lower Upper

266 100

268 66.0 51.2 76.8

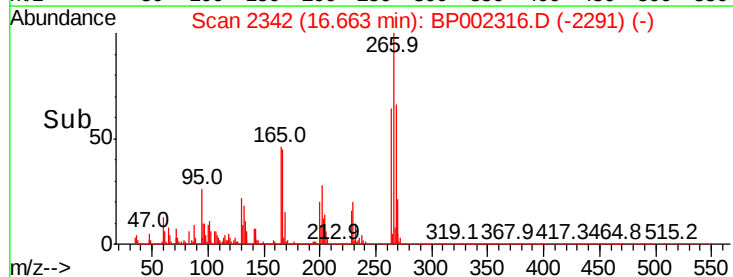
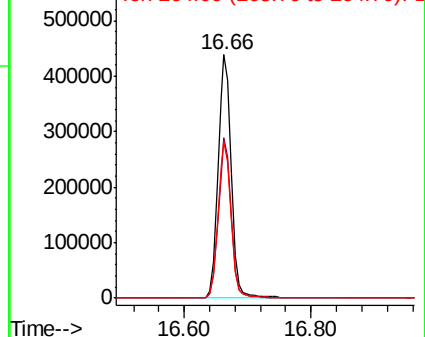
264 64.2 48.3 72.5

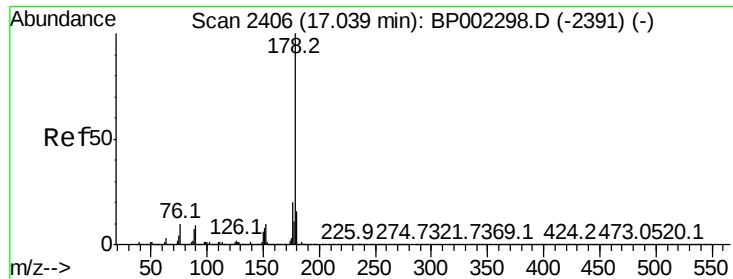


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.371 ng

RT: 17.05 min Scan# 2408

Delta R.T. 0.00 min

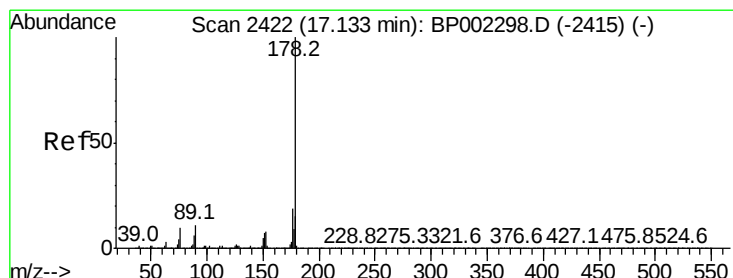
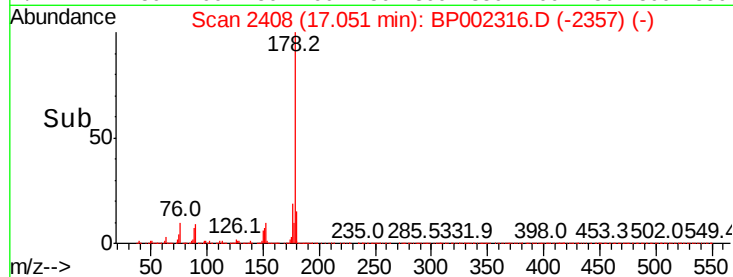
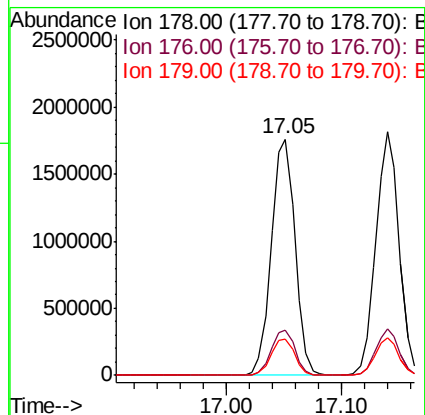
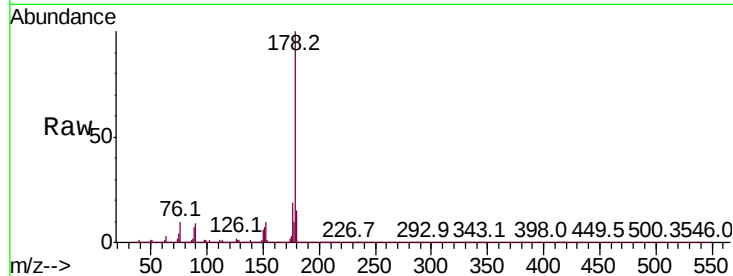
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion:178 Resp: 2518701

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	12.6	18.8



#72

Anthracene

Concen: 43.849 ng

RT: 17.14 min Scan# 2423

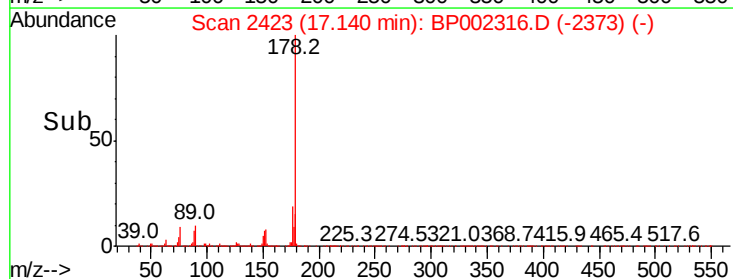
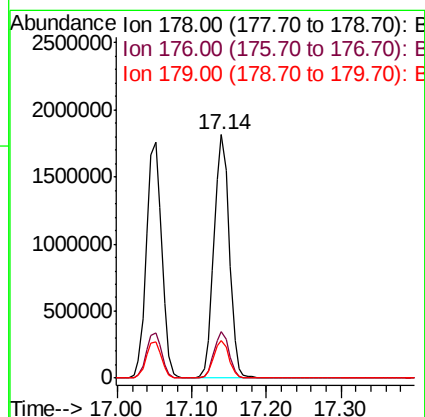
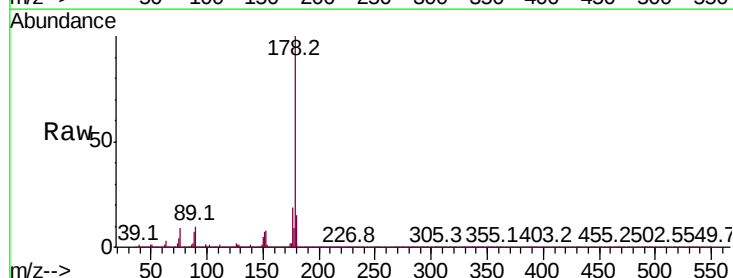
Delta R.T. -0.01 min

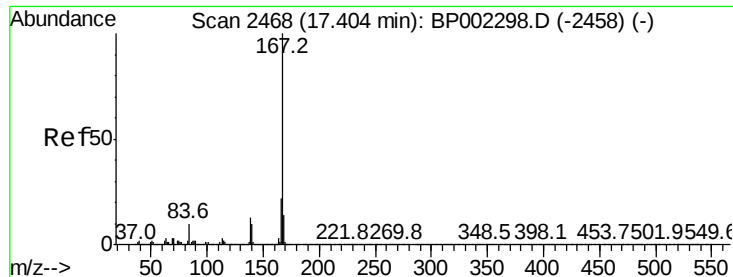
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:178 Resp: 2564800

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.6	19.0





#73

Carbazole

Concen: 41.044 ng

RT: 17.41 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

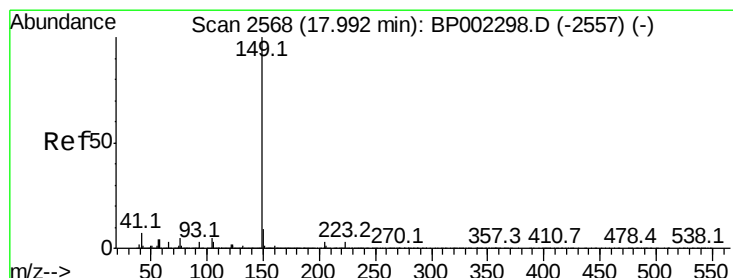
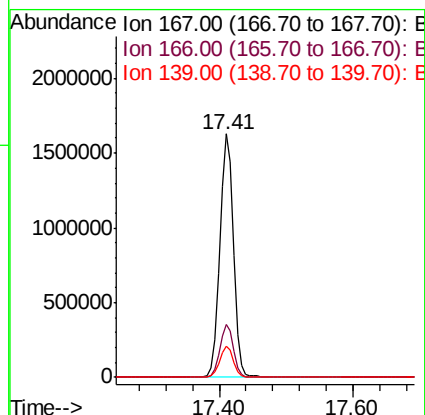
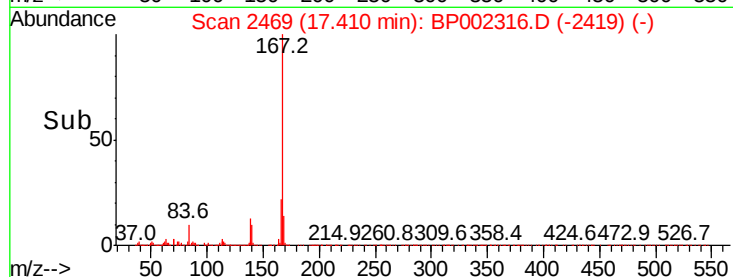
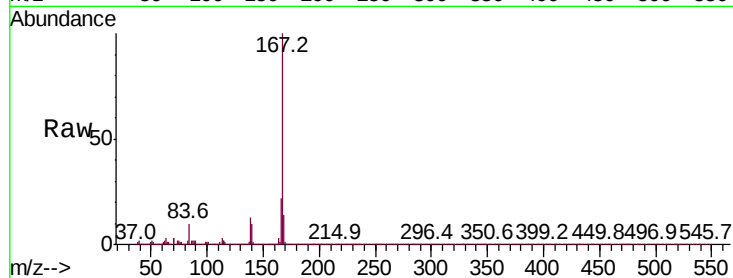
Tot Ion:167 Resp: 2347609

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.7	25.1
139	12.9	9.8	14.8

167 100

166 21.8 16.7 25.1

139 12.9 9.8 14.8



#74

Di-n-butylphthalate

Concen: 42.575 ng

RT: 18.00 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

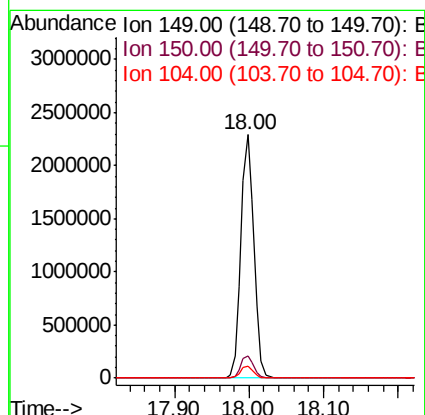
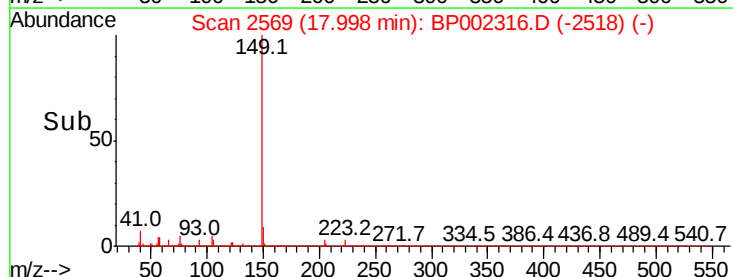
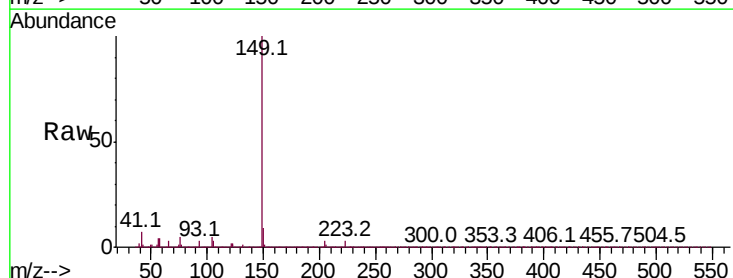
Tgt Ion:149 Resp: 2770563

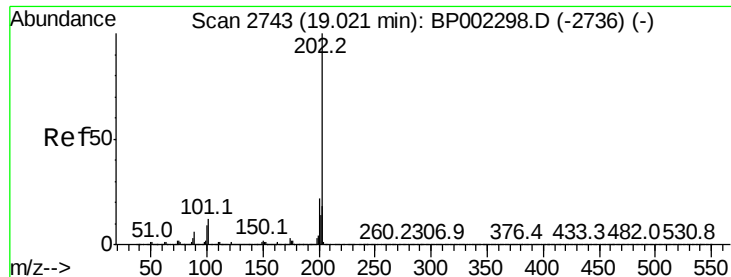
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	4.2	6.4

149 100

150 9.1 7.5 11.3

104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 41.642 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

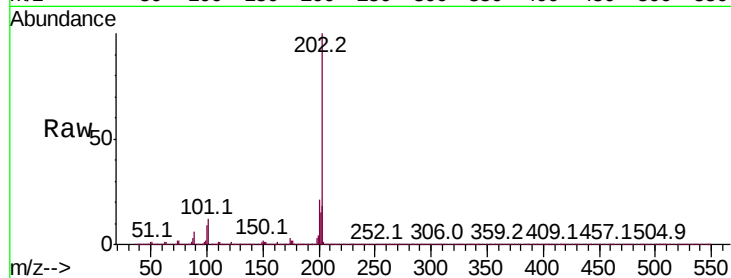
BNA_P

ClientSampleId :

PB129148BS

Tot Ion:202 Resp: 2851126

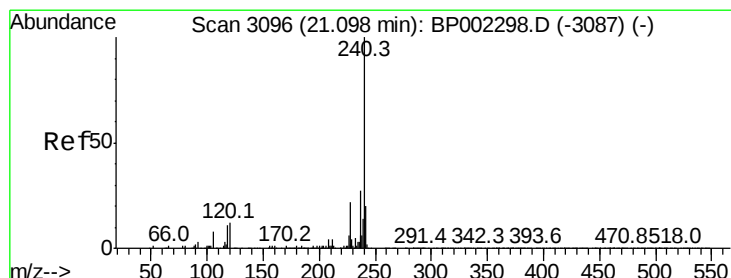
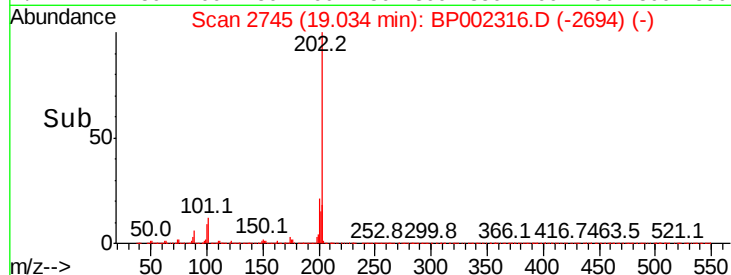
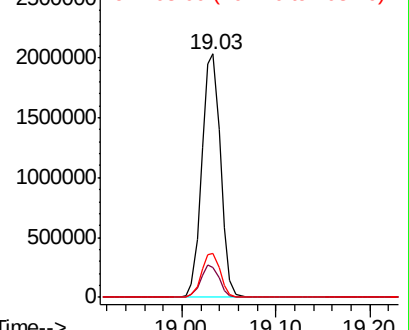
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	18.2	0.0	37.6



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

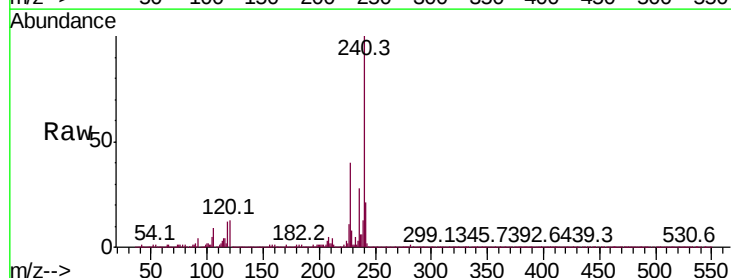
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:240 Resp: 1075417

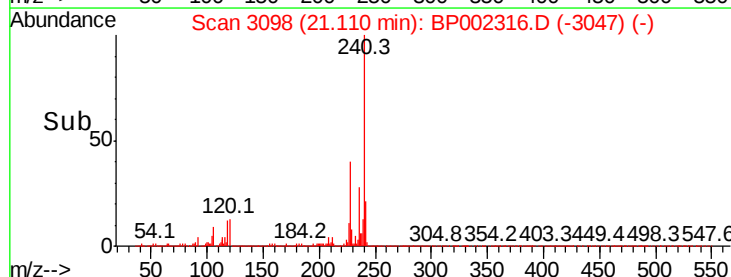
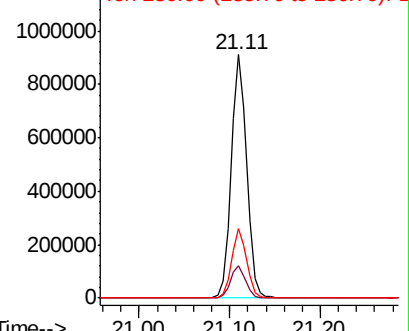
Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.7	13.1
236	28.4	21.0	31.4

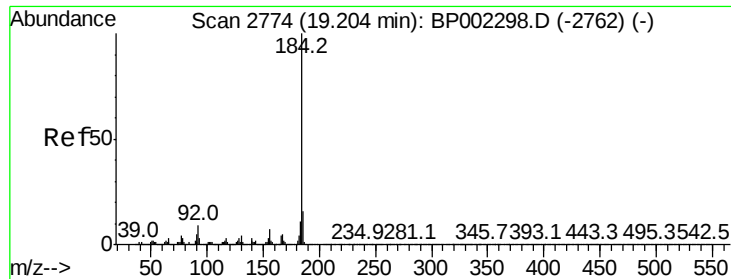


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.737 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

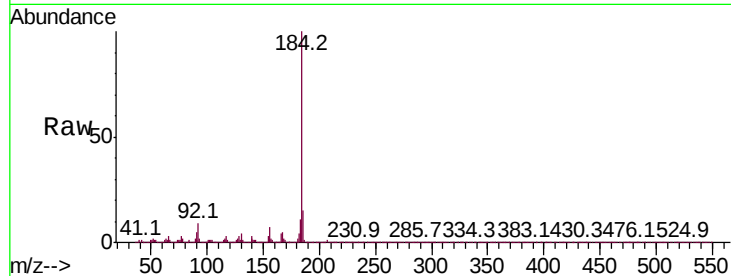
Tot Ion:184 Resp: 1173578

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

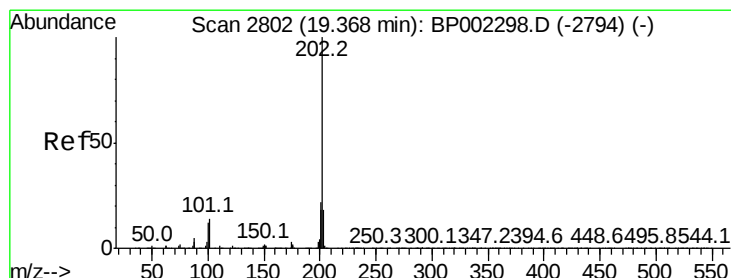
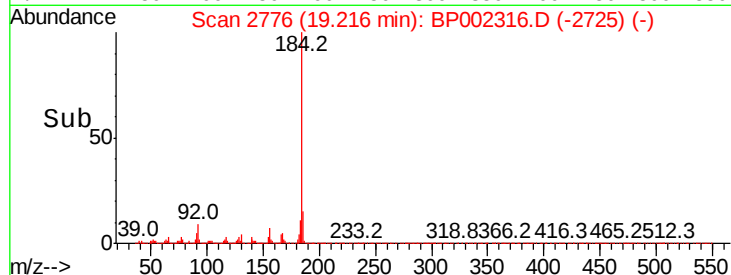
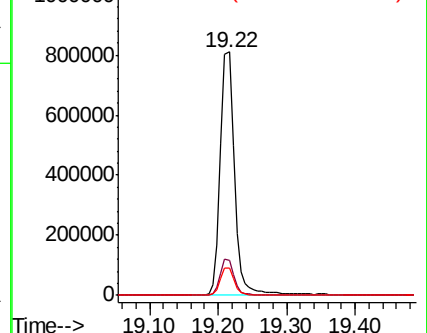
183 11.5 9.1 13.7



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: 44.463 ng

RT: 19.38 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

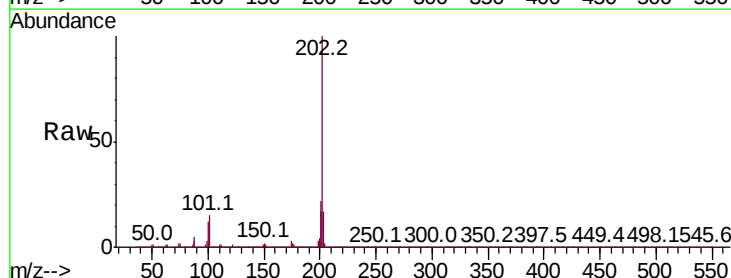
Tgt Ion:202 Resp: 2977491

Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

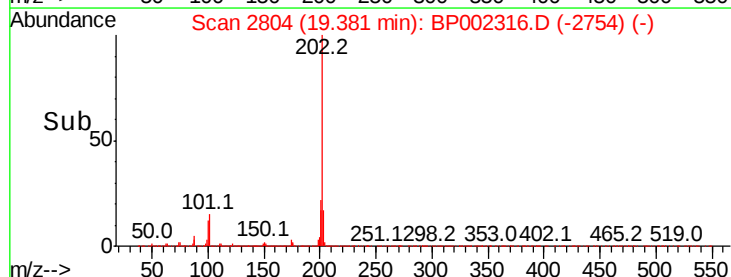
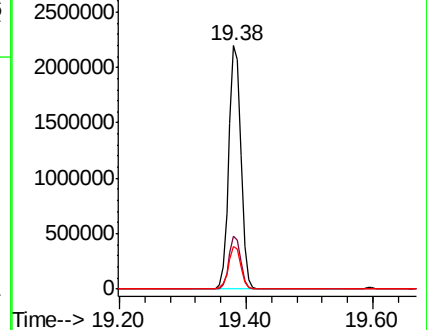
203 17.4 13.8 20.6

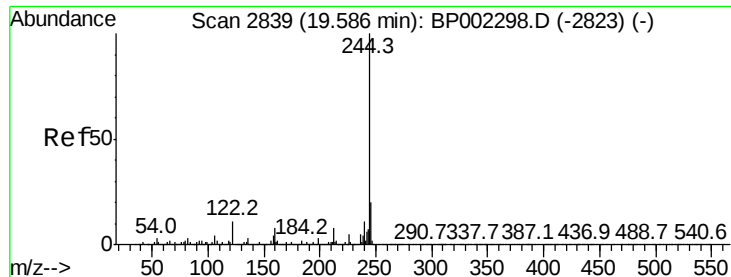


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.911 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

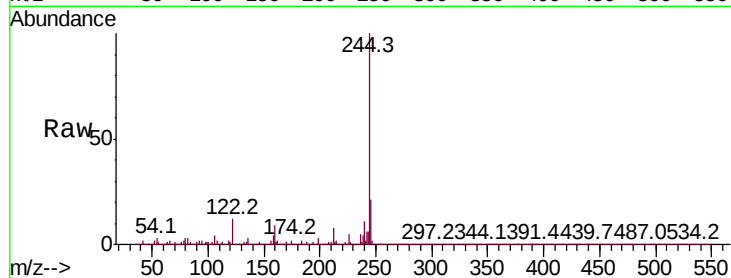
Tot Ion:244 Resp: 3903866

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

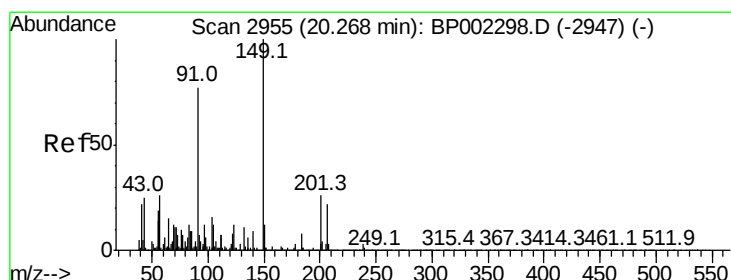
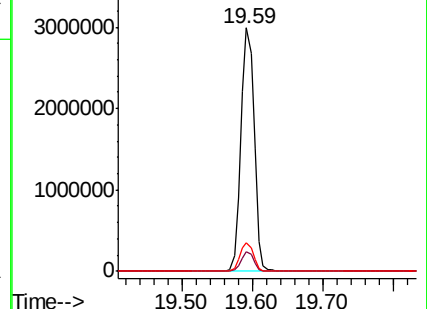
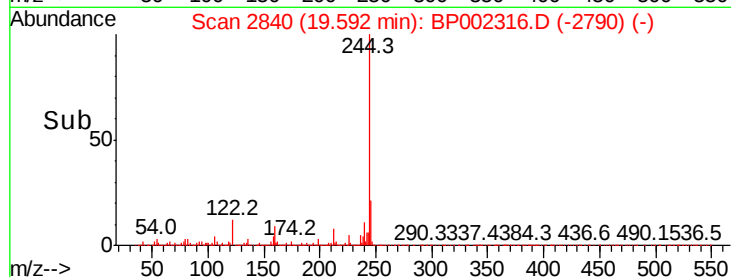
122 11.6 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

4000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.132 ng

RT: 20.28 min Scan# 2957

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

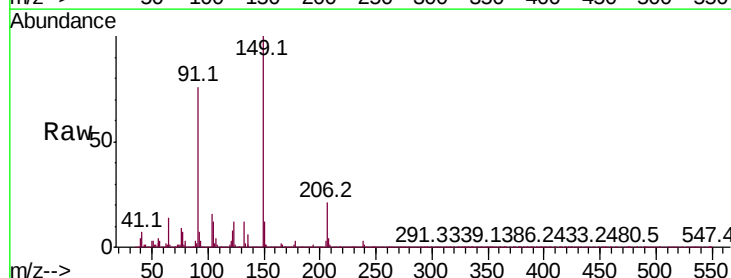
Tgt Ion:149 Resp: 1229941

Ion Ratio Lower Upper

149 100

91 75.9 56.6 84.8

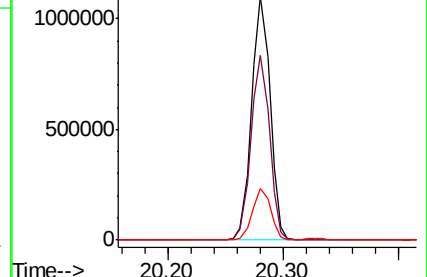
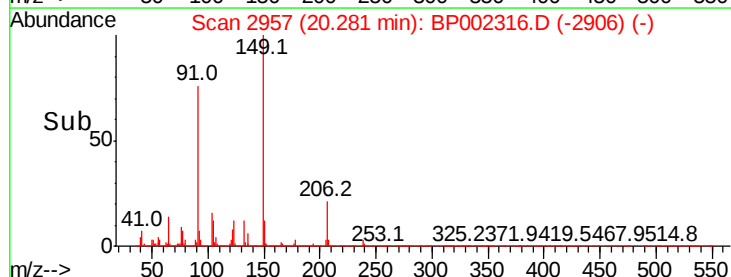
206 21.3 18.7 28.1

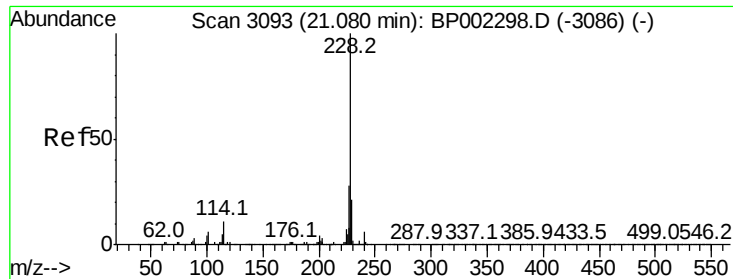


Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.741 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

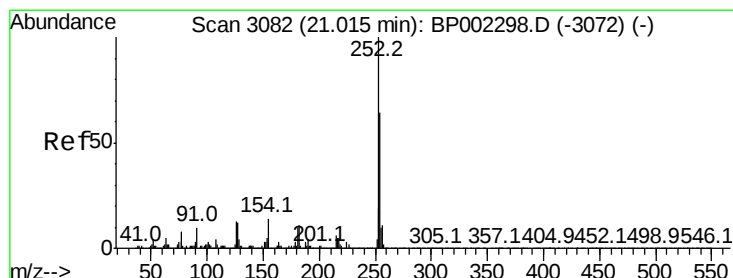
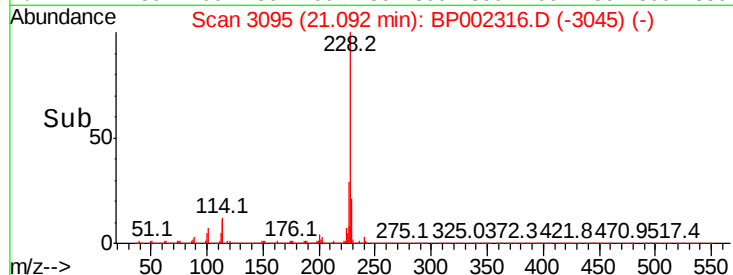
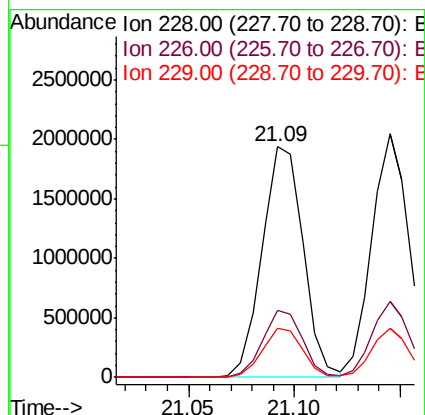
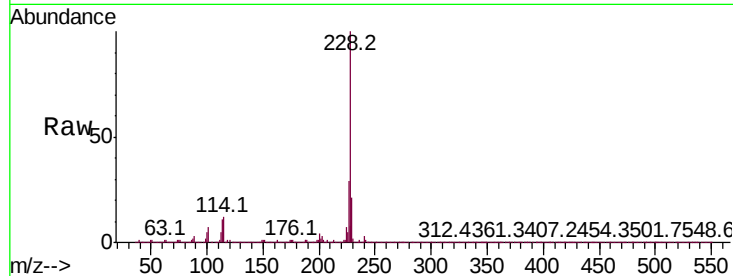
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampled :
PB129148BS

Tot Ion:228 Resp: 2631154

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.2	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 27.682 ng

RT: 21.03 min Scan# 3085

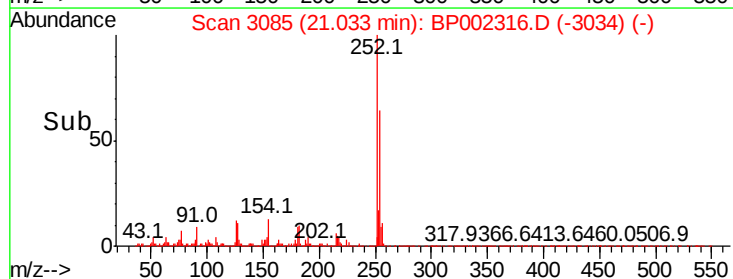
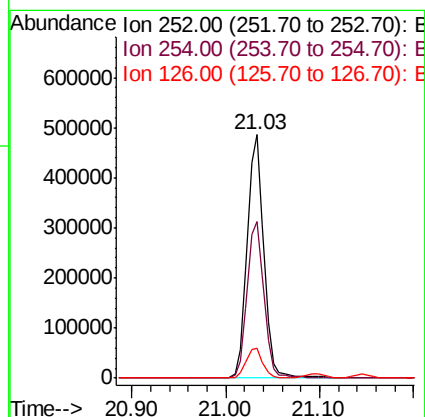
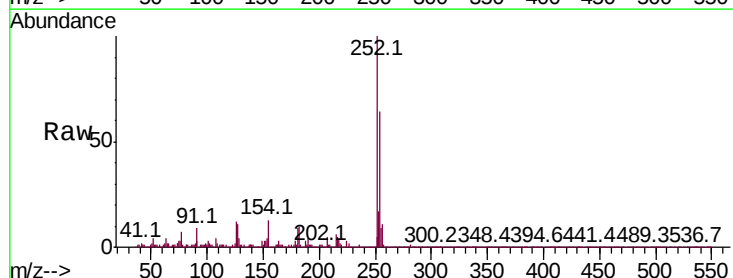
Delta R.T. 0.00 min

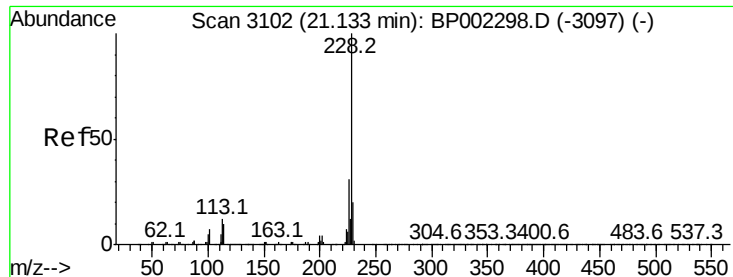
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:252 Resp: 597042

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.2
126	12.2	8.3	12.5



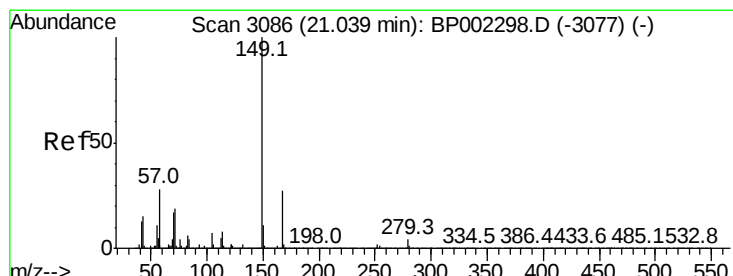
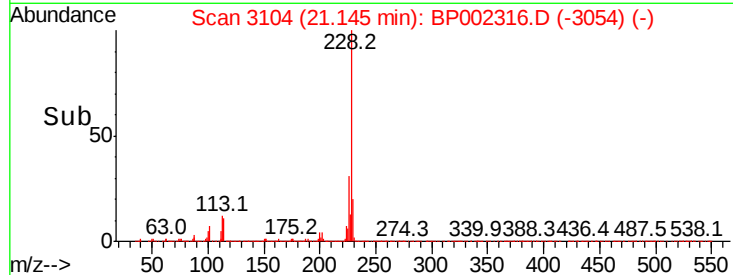
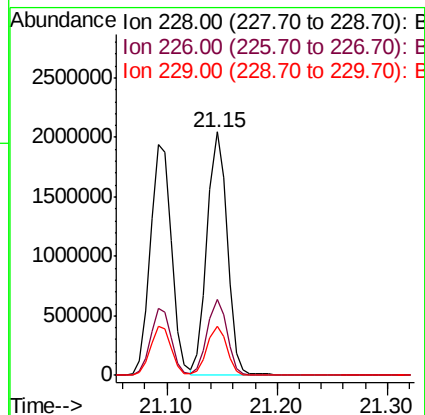
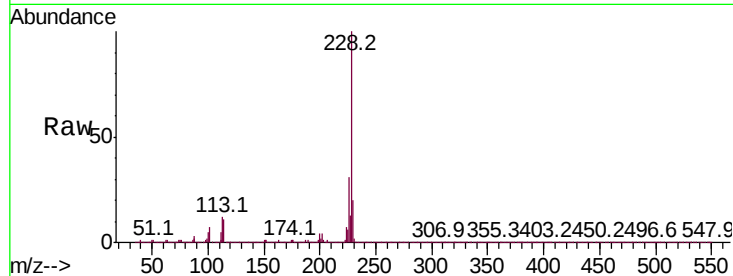


#83
 Chrysene
 Concen: 42.907 ng
 RT: 21.15 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

Tot Ion:228 Resp: 2534996

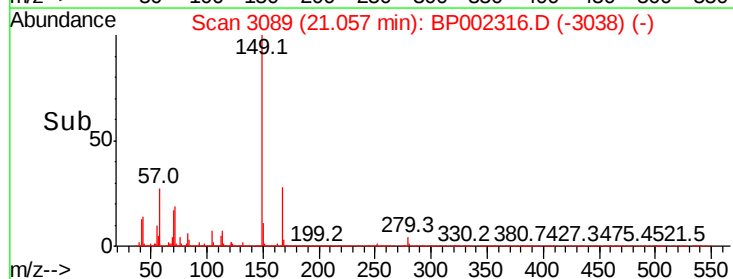
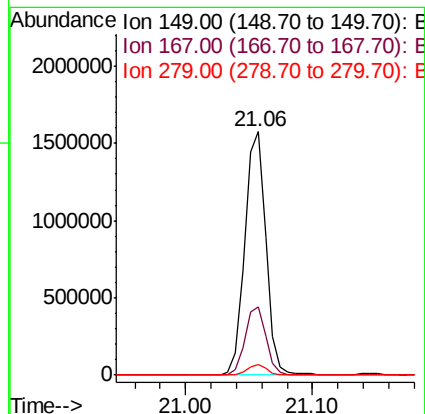
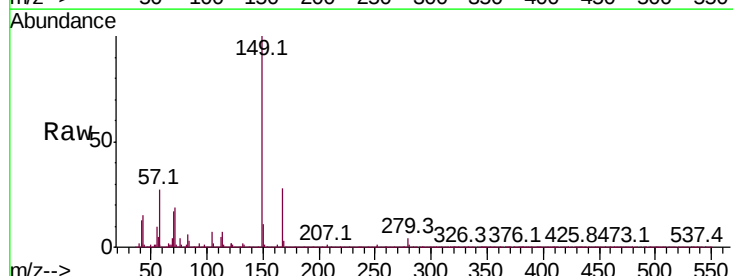
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	16.2	24.4

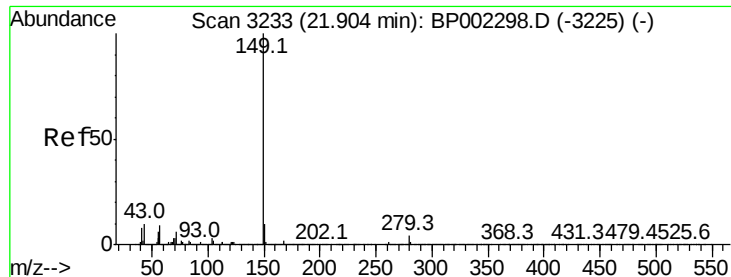


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.343 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Tgt Ion:149 Resp: 1806566

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.6
279	4.4	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 46.433 ng

RT: 21.92 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

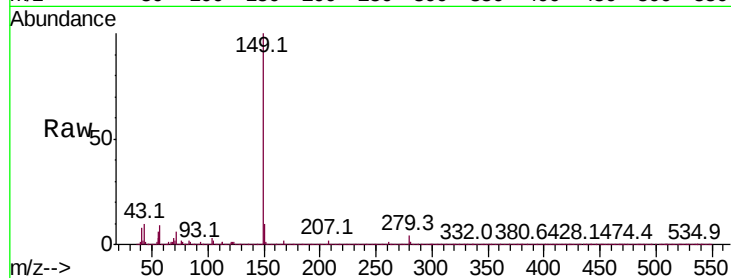
Tot Ion:149 Resp: 3144134

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

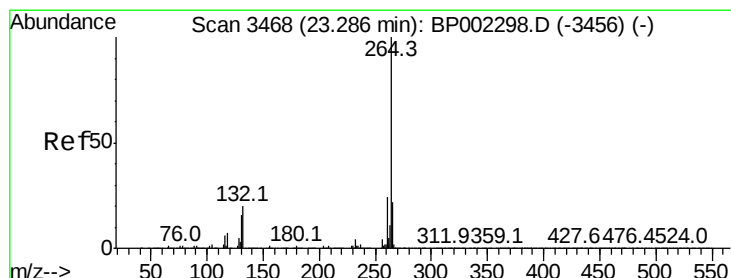
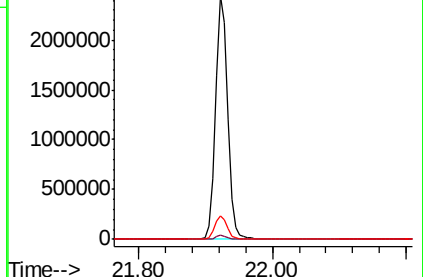
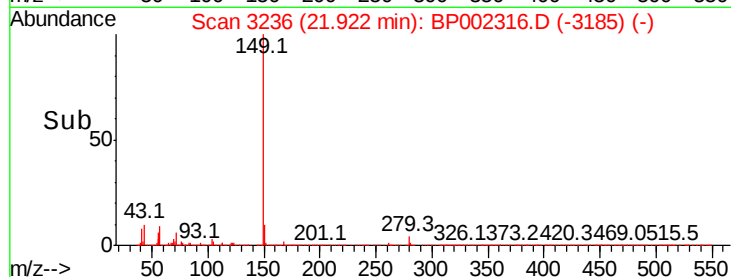
43 9.8 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.32 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

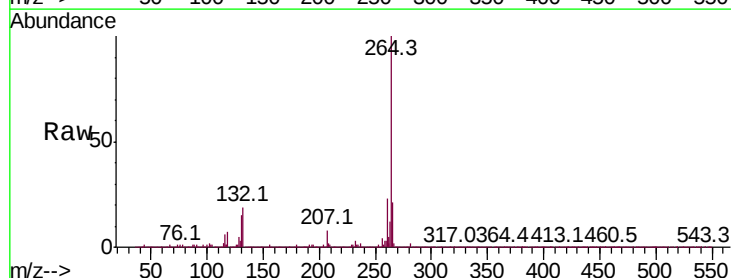
Tgt Ion:264 Resp: 1240463

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

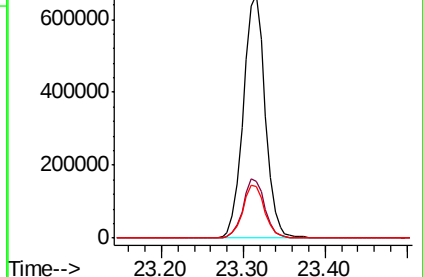
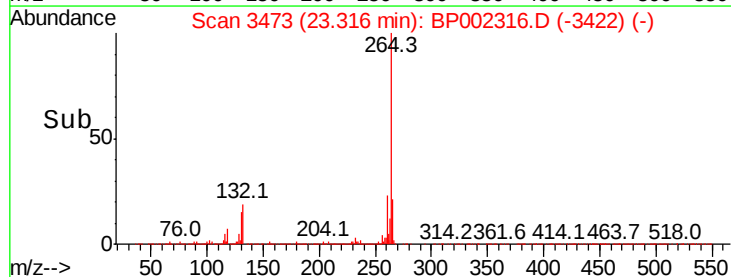
265 21.3 17.8 26.6

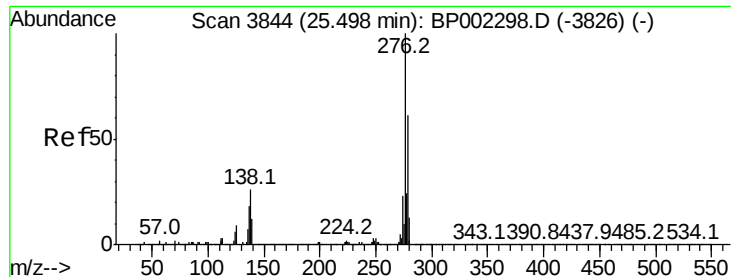


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.354 ng

RT: 25.54 min Scan# 3851

Delta R.T. -0.01 min

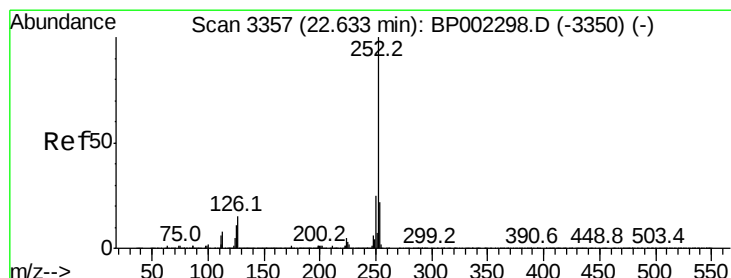
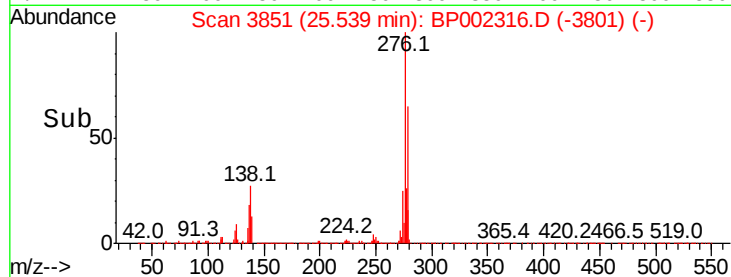
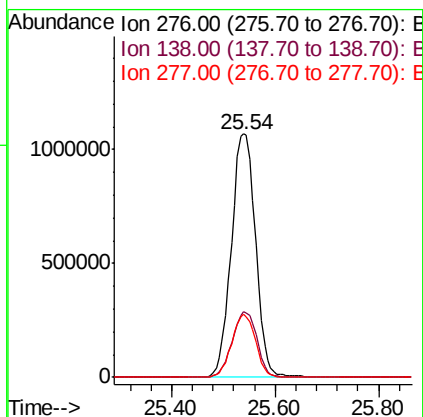
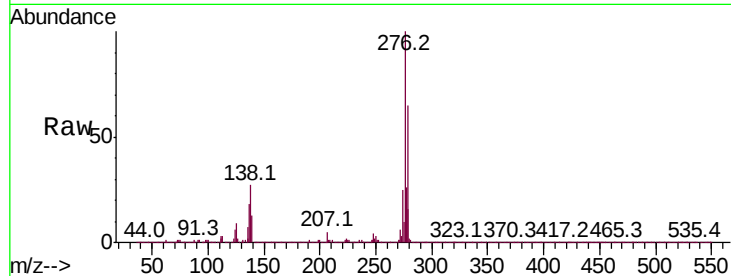
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion:276 Resp: 3482336

Ion	Ratio	Lower	Upper
276	100		
138	27.7	18.2	27.4#
277	25.5	20.2	30.2



#88

Benzo(b)fluoranthene

Concen: 39.248 ng

RT: 22.70 min Scan# 3369

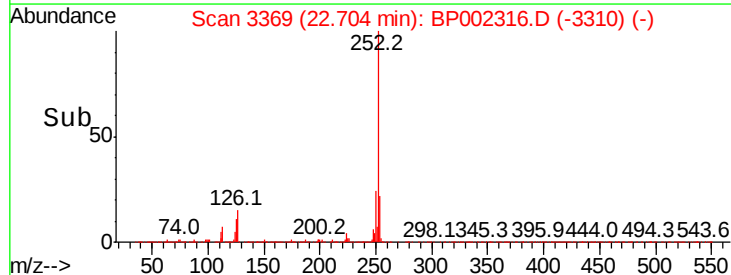
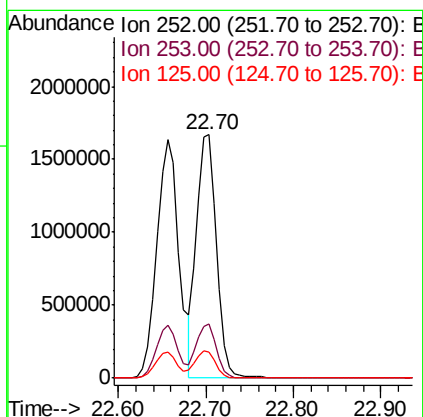
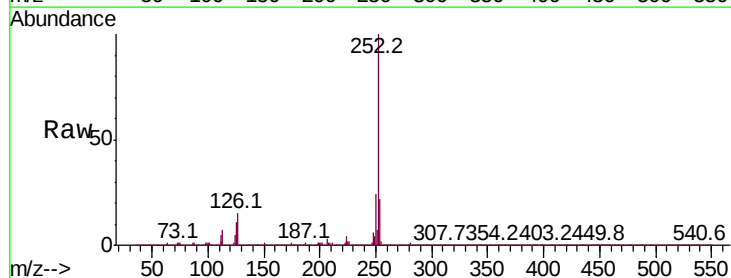
Delta R.T. 0.05 min

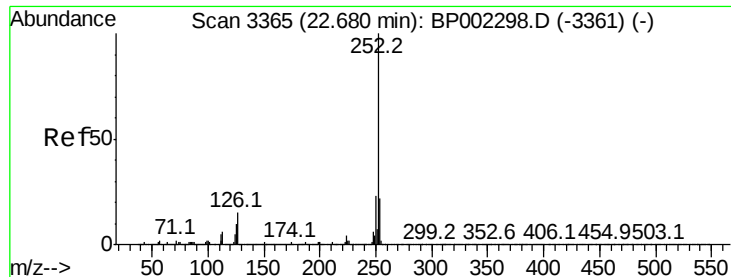
Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:252 Resp: 2654326

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.6	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 40.900 ng

RT: 22.70 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

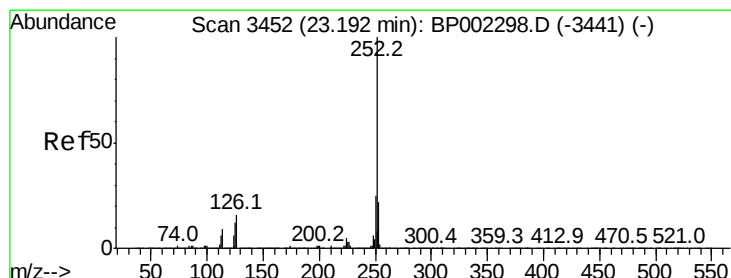
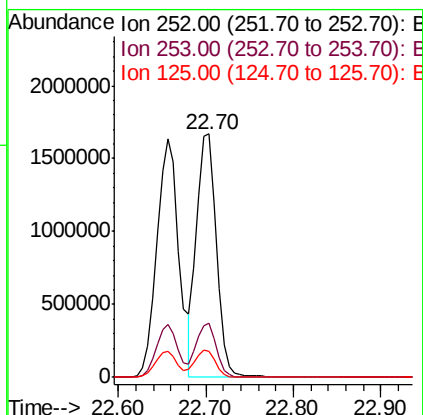
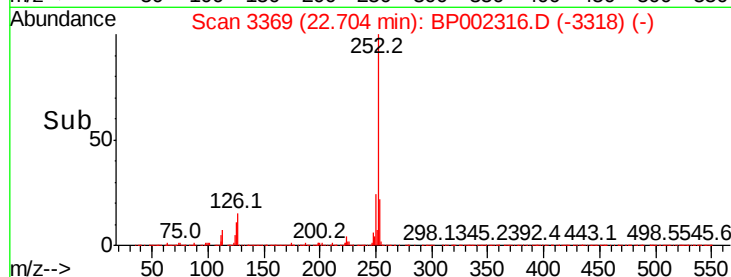
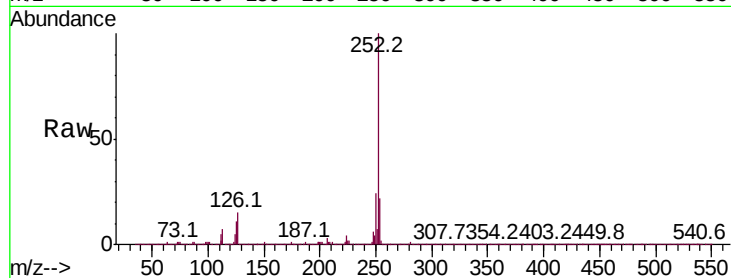
Tot Ion:252 Resp: 2654326

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 10.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.684 ng

RT: 23.22 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

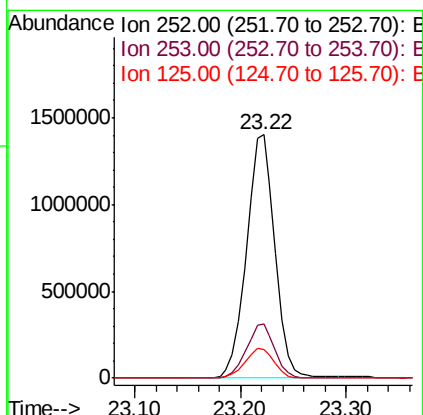
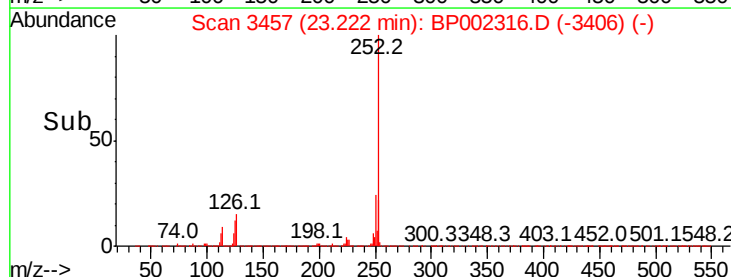
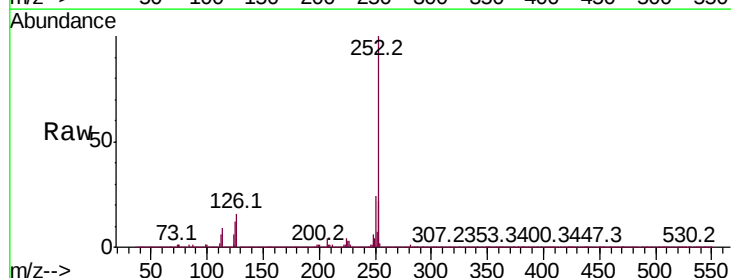
Tgt Ion:252 Resp: 2615044

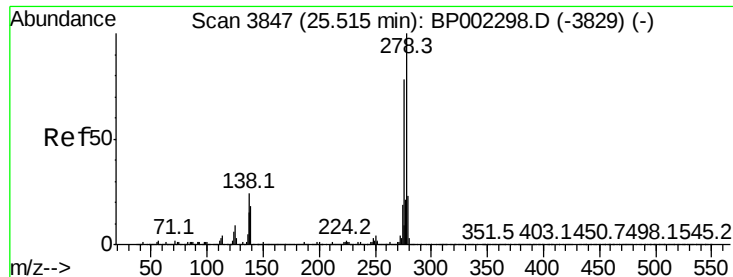
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 11.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 45.766 ng

RT: 25.56 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

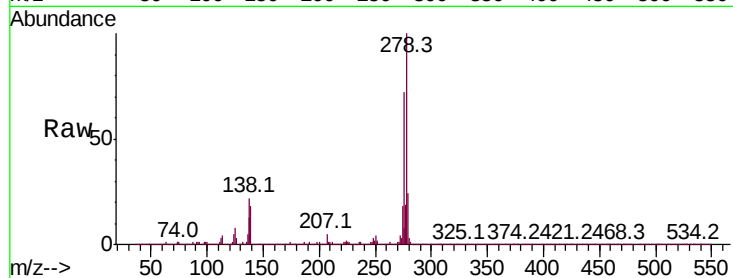
Tot Ion:278 Resp: 2865019

Ion Ratio Lower Upper

278 100

139 18.2 11.3 16.9#

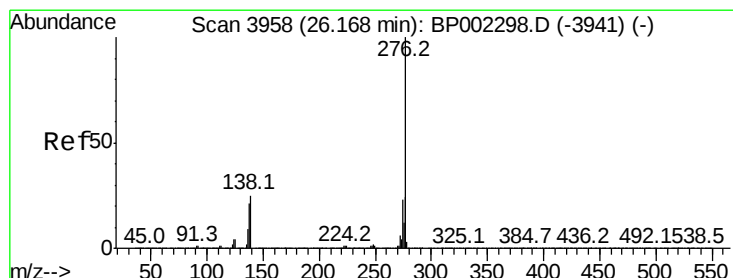
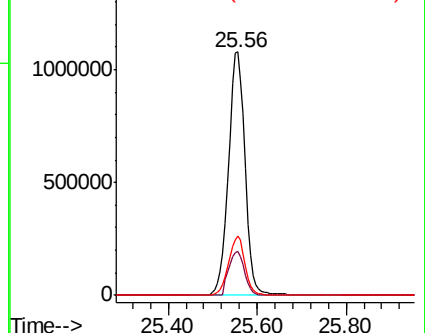
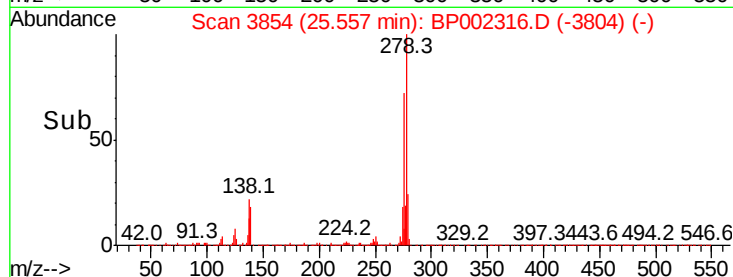
279 24.3 18.9 28.3



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: 47.332 ng

RT: 26.22 min Scan# 3966

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

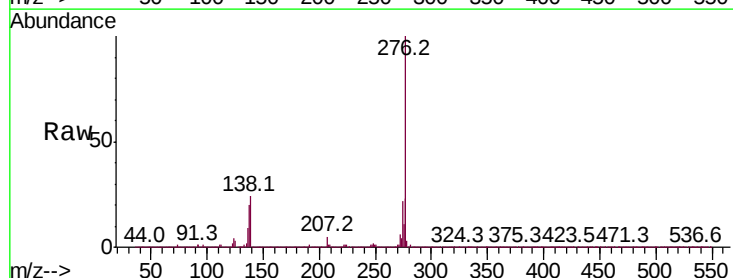
Tgt Ion:276 Resp: 3022515

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.3 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

