

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001472.D
 Acq On : 27 Dec 2019 22:16
 Operator : JU
 Sample : K6431-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 28 03:48:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	23021	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	80575	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	49165	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	97674	20.00	ng	0.00
76) Chrysene-d12	19.23	240	81283	20.00	ng	0.00
87) Perylene-d12	20.99	264	82409	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	219653	154.21	ng	0.01
7) Phenol-d6	7.76	99	295703	159.10	ng	0.01
23) Nitrobenzene-d5	9.17	82	196089	93.45	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	103723	168.74	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	396008	101.85	ng	0.00
79) Terphenyl-d14	17.86	244	513960	108.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	21972	37.482	ng	92
3) Pyridine	3.40	79	52911	33.041	ng	98
4) n-Nitrosodimethylamine	3.32	42	47386	46.733	ng	92
6) Aniline	7.76	93	71119	30.396	ng	# 91
8) 2-Chlorophenol	7.96	128	71120	49.665	ng	95
9) Benzaldehyde	7.58	77	47263	36.249	ng	96
10) Phenol	7.78	94	102563	48.295	ng	# 75
11) bis(2-Chloroethyl)ether	7.89	93	66200	44.063	ng	98
12) 1,3-Dichlorobenzene	8.19	146	83122	46.601	ng	97
13) 1,4-Dichlorobenzene	8.31	146	86169	47.417	ng	98
14) 1,2-Dichlorobenzene	8.55	146	81282	46.950	ng	97
15) Benzyl Alcohol	8.53	79	76845	44.063	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	84283	35.422	ng	90
17) 2-Methylphenol	8.72	107	60520	47.827	ng	99
18) Hexachloroethane	9.09	117	33556	43.407	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	57706	43.734	ng	# 94
20) 3+4-Methylphenols	8.97	107	79501	47.344	ng	93
22) Acetophenone	8.93	105	113912	44.706	ng	# 99
24) Nitrobenzene	9.20	77	89153	43.170	ng	95
25) Isophorone	9.60	82	148322	43.962	ng	97
26) 2-Nitrophenol	9.71	139	37637	51.109	ng	97
27) 2,4-Dimethylphenol	9.82	122	62979	58.148	ng	99
28) bis(2-Chloroethoxy)methane	9.96	93	83859	41.616	ng	98
29) 2,4-Dichlorophenol	10.11	162	65502	48.842	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	79530	48.212	ng	96
31) Naphthalene	10.36	128	214156	48.690	ng	99
32) Benzoic acid	10.03	122	31811	37.548	ng	91
33) 4-Chloroaniline	10.45	127	26243	14.590	ng	95
34) Hexachlorobutadiene	10.57	225	51910	45.117	ng	96
35) Caprolactam	11.04	113	13243	33.186	ng	# 85
36) 4-Chloro-3-methylphenol	11.29	107	72335	46.156	ng	96
37) 2-Methylnaphthalene	11.49	142	153504	50.553	ng	99
38) 1-Methylnaphthalene	11.65	142	145053	50.812	ng	97
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	87699	48.242	ng	98

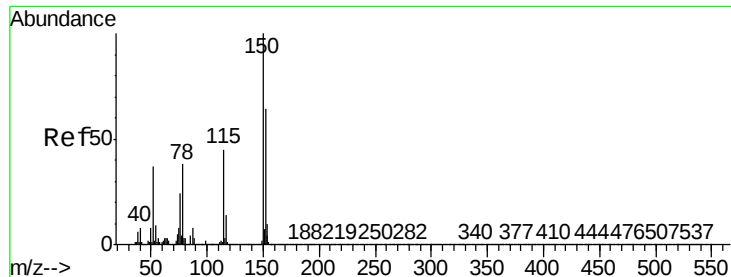
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	86859	96.606	nq	99
43) 2,4,6-Trichlorophenol	11.96	196	53982	48.285	nq	94
44) 2,4,5-Trichlorophenol	12.03	196	58752	51.147	nq	97
46) 1,1'-Biphenyl	12.26	154	197003	47.883	nq	99
47) 2-Chloronaphthalene	12.27	162	153711	46.214	nq	99
48) 2-Nitroaniline	12.45	65	53052	39.833	nq	96
49) Acenaphthylene	12.95	152	235699	48.477	nq	98
50) Dimethylphthalate	12.79	163	219475	54.414	nq	99
51) 2,6-Dinitrotoluene	12.86	165	38792	47.365	nq	89
52) Acenaphthene	13.24	154	138409	47.247	nq	99
53) 3-Nitroaniline	13.12	138	18538	21.089	nq	96
54) 2,4-Dinitrophenol	13.31	184	31622	99.991	nq	97
55) Dibenzofuran	13.52	168	223957	48.794	nq	99
56) 4-Nitrophenol	13.45	139	56750	90.284	nq	98
57) 2,4-Dinitrotoluene	13.52	165	54482	47.862	nq	# 94
58) Fluorene	14.09	166	177859	48.448	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.66	232	44432	45.054	nq	97
60) Diethylphthalate	13.95	149	179923	43.249	nq	99
61) 4-Chlorophenyl-phenylether	14.10	204	93362	48.379	nq	99
62) 4-Nitroaniline	12.45	138	45212	44.414	nq	90
63) Azobenzene	14.36	77	186496	42.582	nq	97
65) 4,6-Dinitro-2-methylphenol	14.19	198	24384	55.742	nq	92
66) n-Nitrosodiphenylamine	14.30	169	153352	49.524	nq	99
67) 4-Bromophenyl-phenylether	14.90	248	57149	49.488	nq	95
68) Hexachlorobenzene	14.98	284	62567	47.592	nq	96
69) Atrazine	15.19	200	56751	51.023	nq	97
70) Pentachlorophenol	15.30	266	66576	98.750	nq	93
71) Phenanthrene	15.62	178	288589	51.787	nq	98
72) Anthracene	15.70	178	284971	51.658	nq	99
73) Carbazole	15.95	167	242614	49.329	nq	99
74) Di-n-butylphthalate	16.49	149	296257	43.894	nq	98
75) Fluoranthene	17.33	202	322639	51.779	nq	99
77) Benzidine	17.52	184	149577	63.204	nq	99
78) Pyrene	17.63	202	322505	51.101	nq	99
80) Butylbenzylphthalate	18.52	149	126183	42.886	nq	90
81) Benzo(a)anthracene	19.22	228	287419	48.526	nq	99
82) 3,3'-Dichlorobenzidine	19.18	252	74720	36.330	nq	96
83) Chrysene	19.26	228	277733	48.580	nq	100
84) Bis(2-ethylhexyl)phthalate	19.26	149	192082	44.489	nq	99
85) Di-n-octyl phthalate	20.04	149	310825	43.436	nq	97
86) Indeno(1,2,3-cd)pyrene	22.63	276	289499	46.887	nq	98
88) Benzo(b)fluoranthene	20.51	252	269921	49.874	nq	99
89) Benzo(k)fluoranthene	20.54	252	261056	50.637	nq	99
90) Benzo(a)pyrene	20.92	252	241851	49.055	nq	99
91) Dibenzo(a,h)anthracene	22.65	278	247965	51.440	nq	99
92) Benzo(g,h,i)perylene	23.12	276	241683	52.469	nq	98

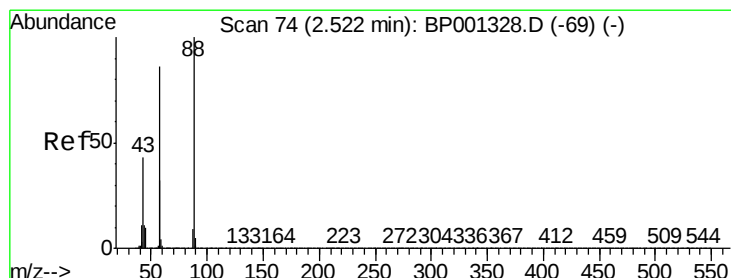
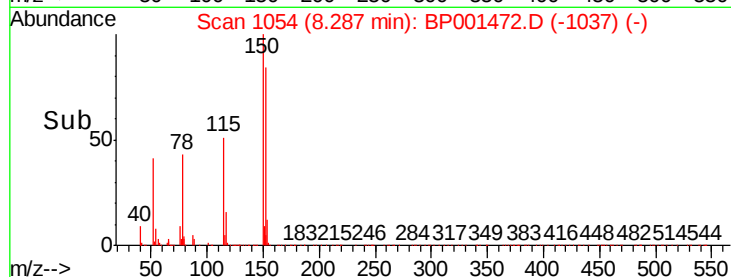
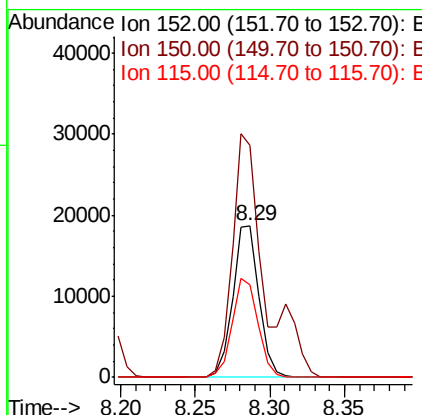
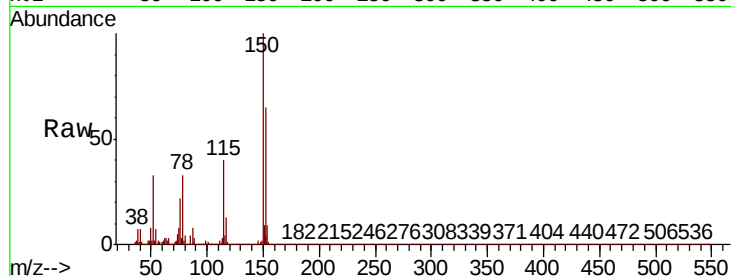
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

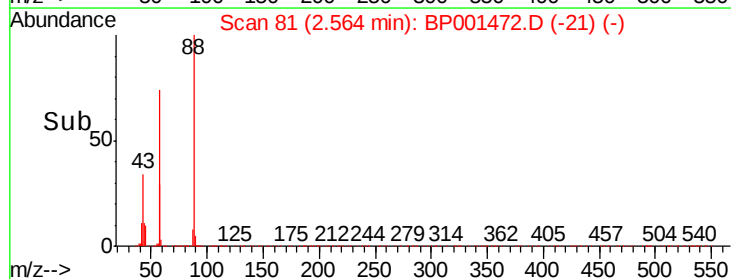
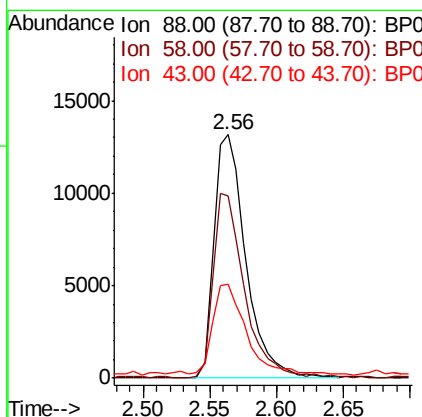
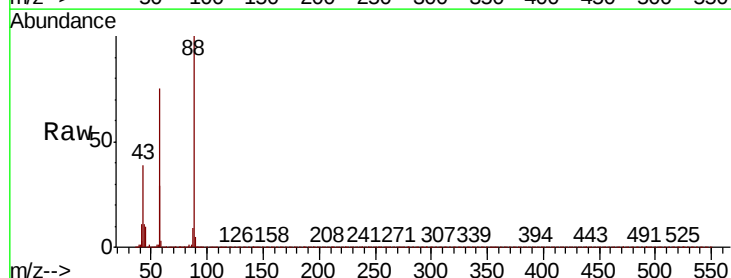
Instrument :
 BNA_P
 ClientSampleId :

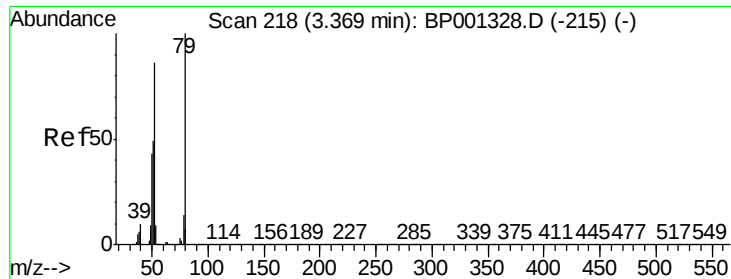
Tot Ion:	152	Resp:	23021
Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.0	190.6
115	61.2	56.1	84.1



#2
 1,4-Dioxane
 Concen: 37.482 ng
 RT: 2.56 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

Tgt Ion:	88	Resp:	21972
Ion	Ratio	Lower	Upper
88	100		
58	74.7	66.9	100.3
43	38.8	32.9	49.3





#3

Pvridine

Concen: 33.041 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.05 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

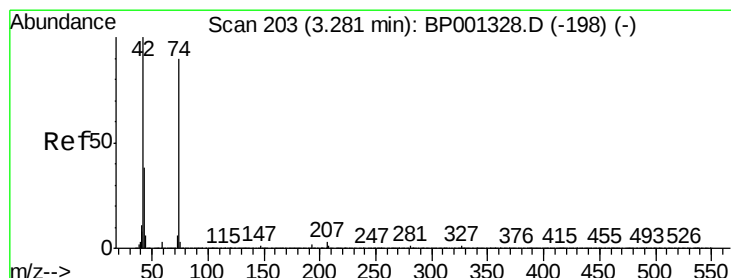
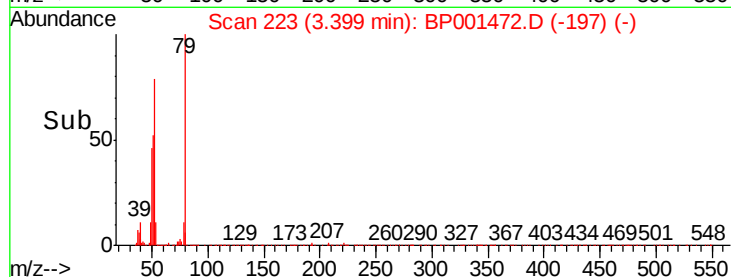
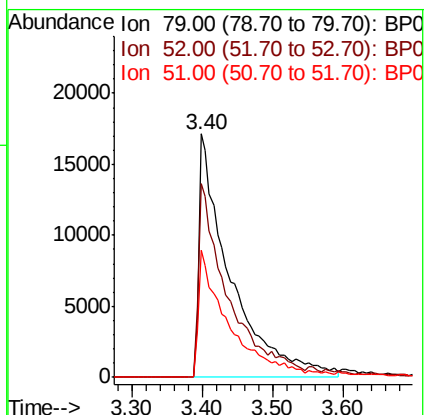
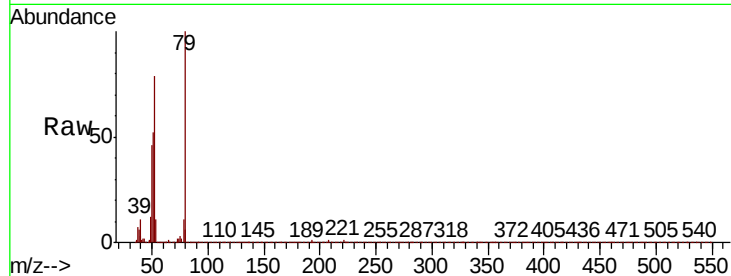
Tot Ion: 79 Resp: 52911

Ion Ratio Lower Upper

79 100

52 79.4 64.6 96.8

51 52.4 40.2 60.2



#4

n-Nitrosodimethylamine

Concen: 46.733 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.05 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

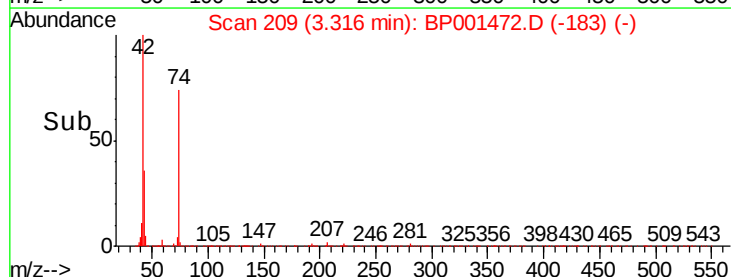
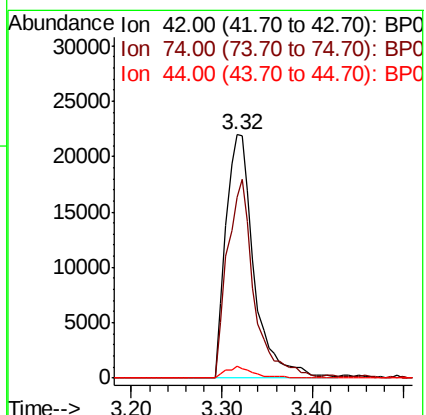
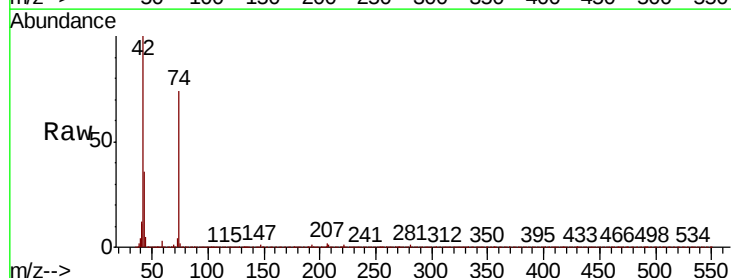
Tgt Ion: 42 Resp: 47386

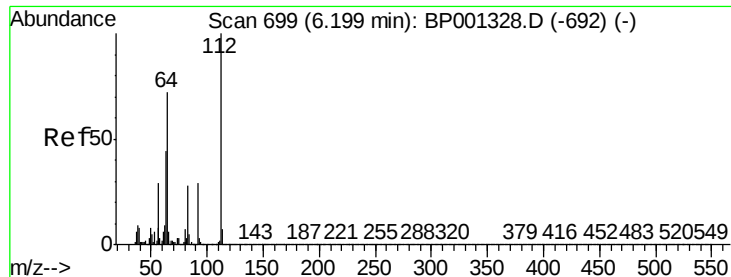
Ion Ratio Lower Upper

42 100

74 74.2 65.3 97.9

44 4.7 3.8 5.6





#5

2-Fluorophenol

Concen: 154.208 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001472.D

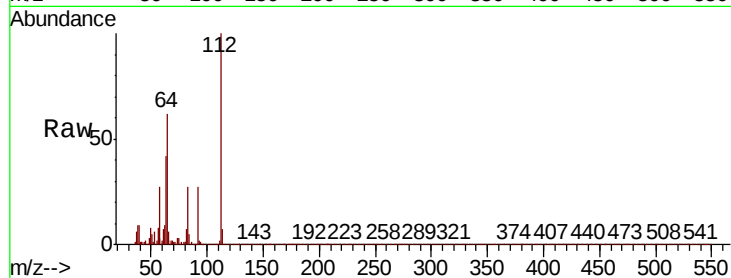
Acq: 27 Dec 2019 22:16

Instrument :

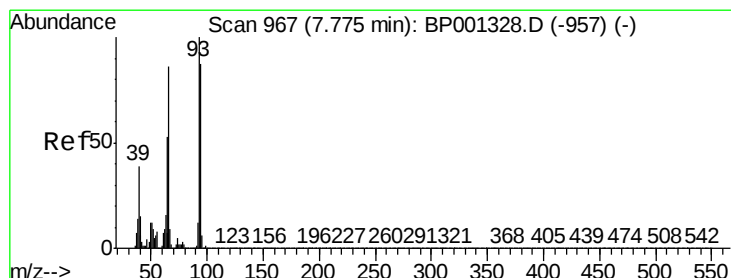
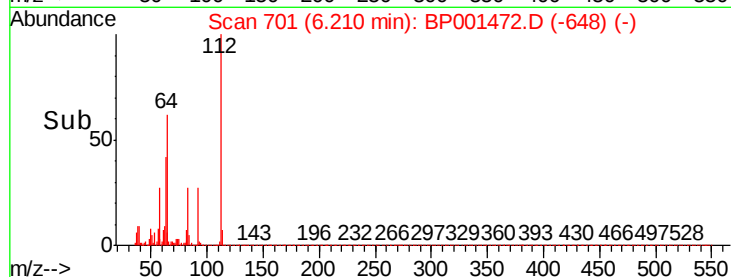
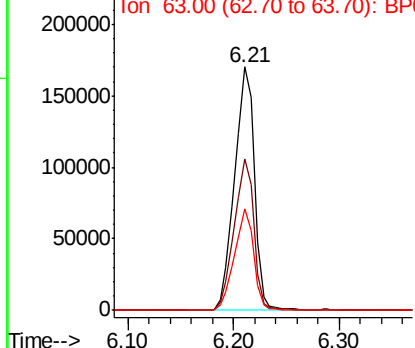
BNA_P

ClientSampled :

Tot Ion:	112	Resp:	219653
Ion Ratio	Lower	Upper	
112	100		
64	62.4	53.9	80.9
63	41.5	33.4	50.0



Abundance Ion 112.00 (111.70 to 112.70): BPO
Ion 64.00 (63.70 to 64.70): BPO
Ion 63.00 (62.70 to 63.70): BPO



#6

Aniline

Concen: 30.396 ng

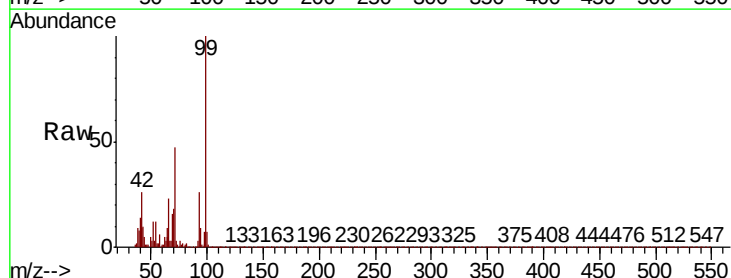
RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

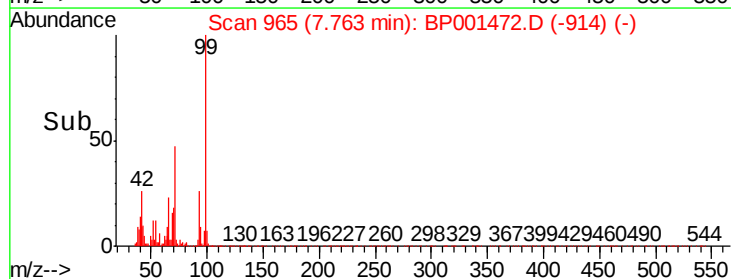
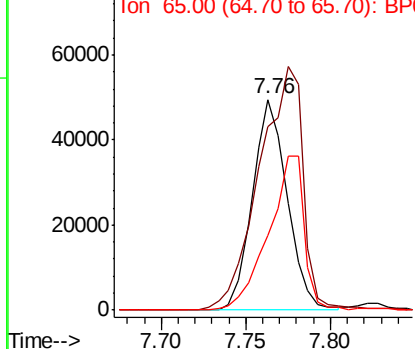
Lab File: BP001472.D

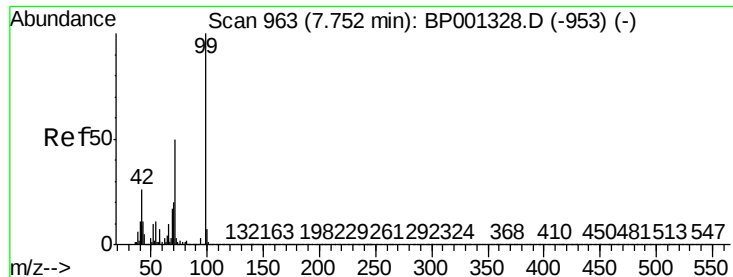
Acq: 27 Dec 2019 22:16

Tgt Ion:	93	Resp:	71119
Ion Ratio	Lower	Upper	
93	100		
66	87.2	69.0	103.6
65	35.6	41.1	61.7#



Abundance Ion 93.00 (92.70 to 93.70): BPO
Ion 66.00 (65.70 to 66.70): BPO
Ion 65.00 (64.70 to 65.70): BPO





#7

Phenol-d6

Concen: 159.095 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampled :

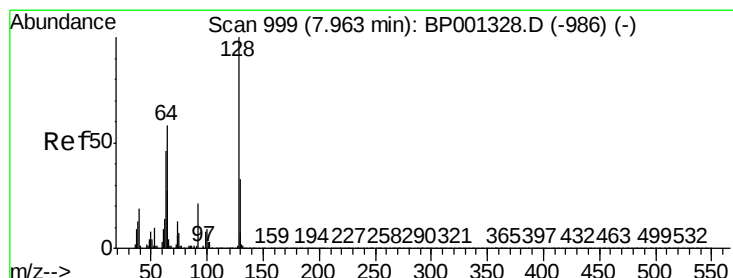
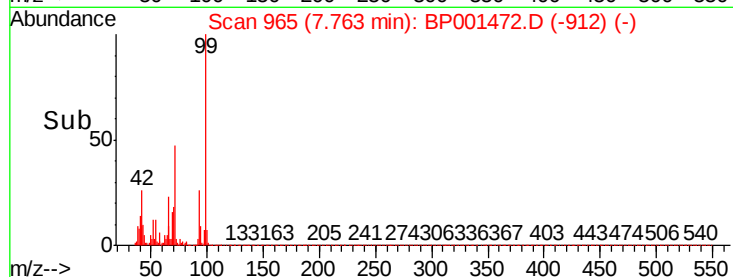
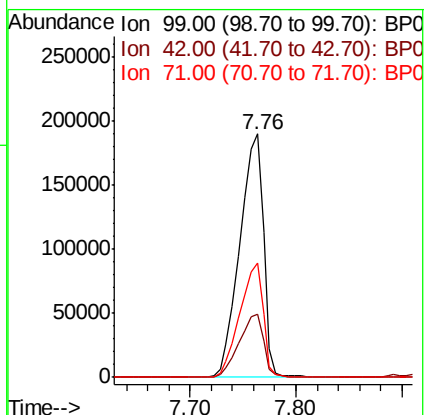
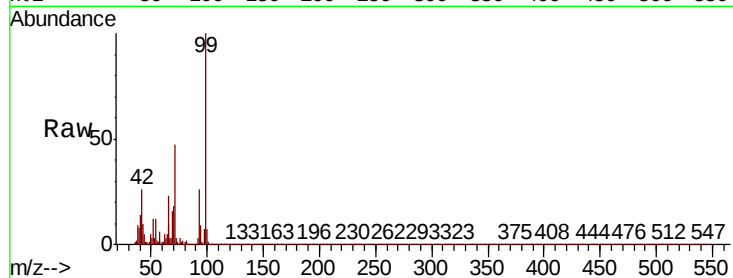
Tot Ion: 99 Resp: 295703

Ion Ratio Lower Upper

99 100

42 26.0 20.8 31.2

71 47.0 38.2 57.4



#8

2-Chlorophenol

Concen: 49.665 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

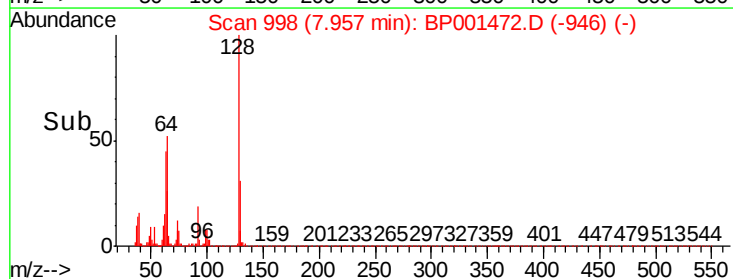
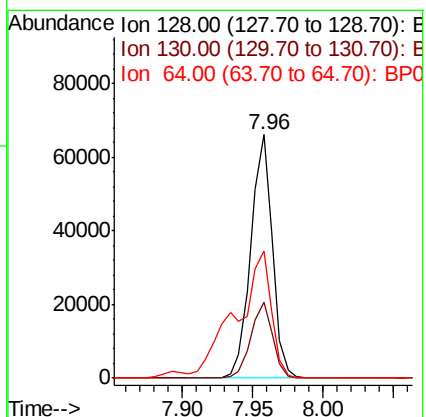
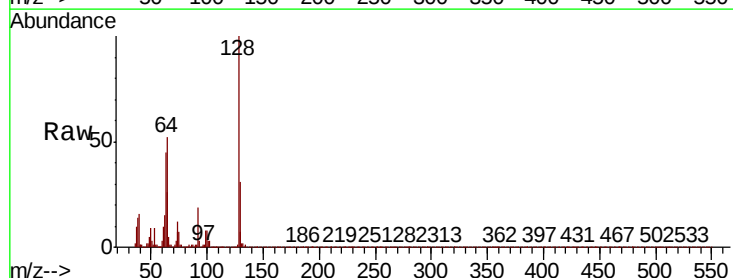
Tgt Ion: 128 Resp: 71120

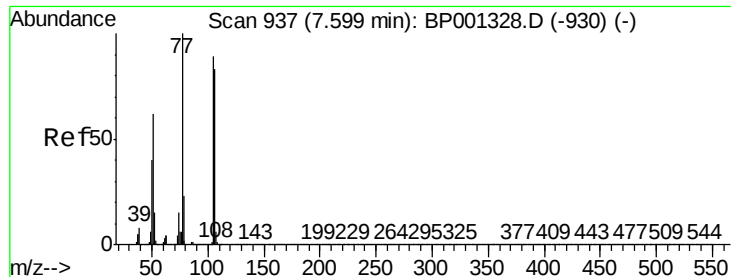
Ion Ratio Lower Upper

128 100

130 31.3 10.7 50.7

64 52.1 37.7 77.7





#9

Benzaldehyde

Concen: 36.249 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampled :

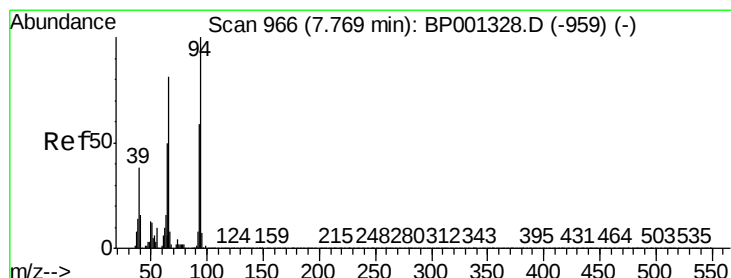
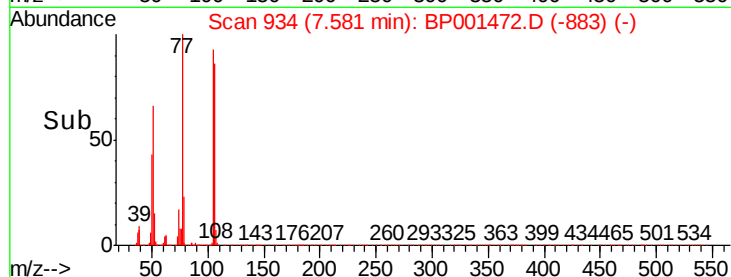
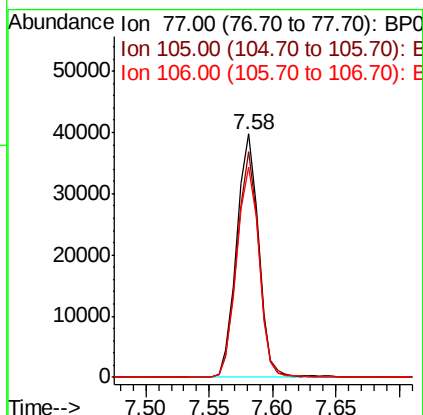
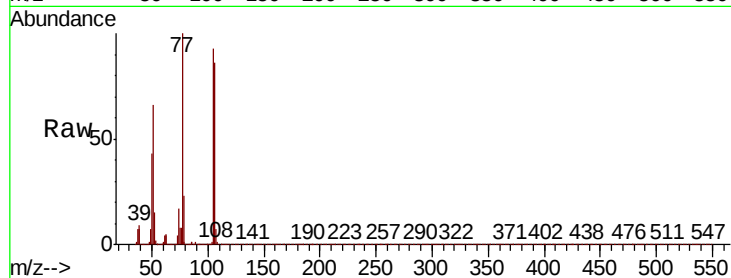
Tot Ion: 77 Resp: 47263

Ion Ratio Lower Upper

77 100

105 92.8 75.7 115.7

106 86.4 70.5 110.5



#10

Phenol

Concen: 48.295 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

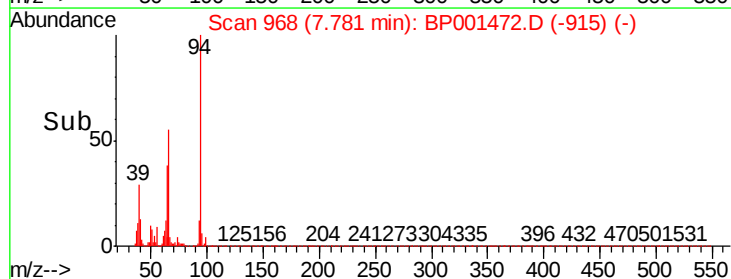
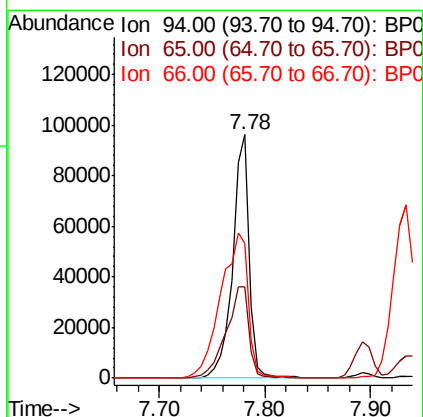
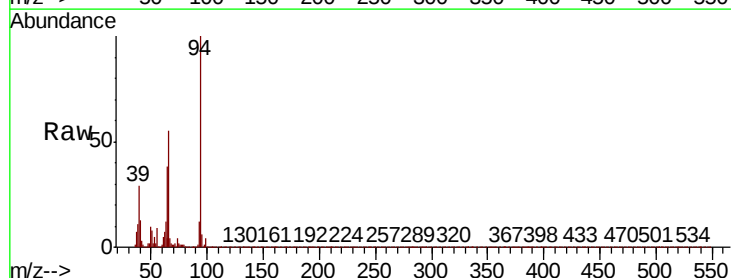
Tgt Ion: 94 Resp: 102563

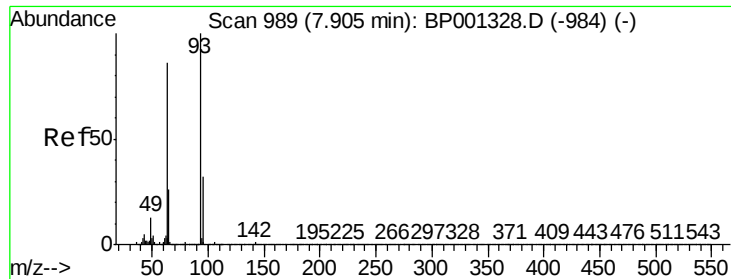
Ion Ratio Lower Upper

94 100

65 37.6 29.6 69.6

66 55.2 62.3 102.3#

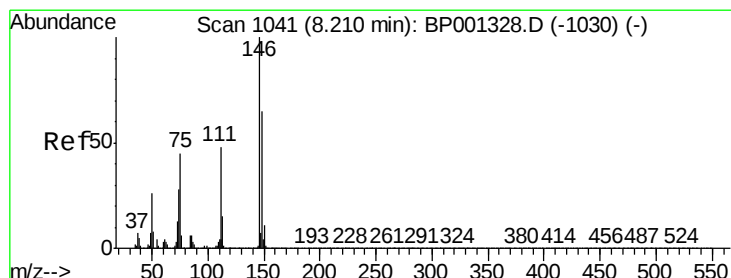
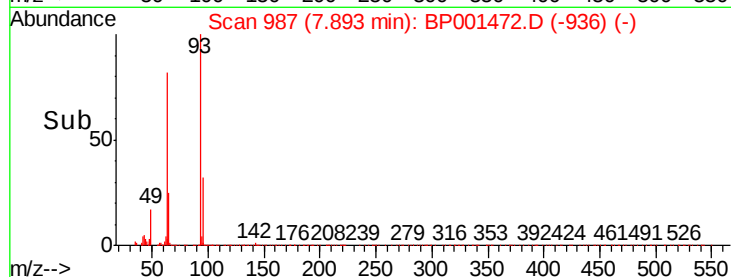
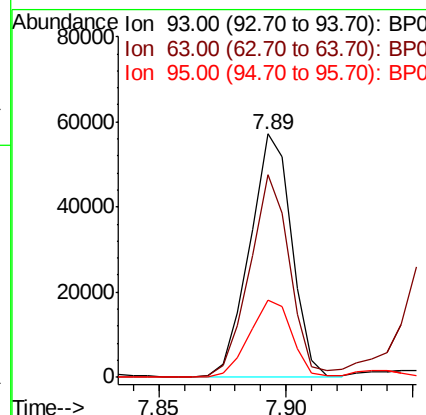
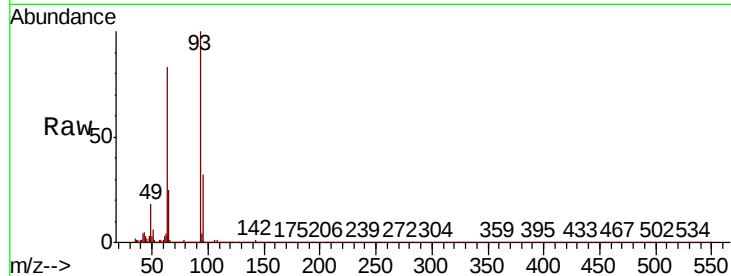




#11
bis(2-Chloroethyl)ether
Concen: 44.063 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

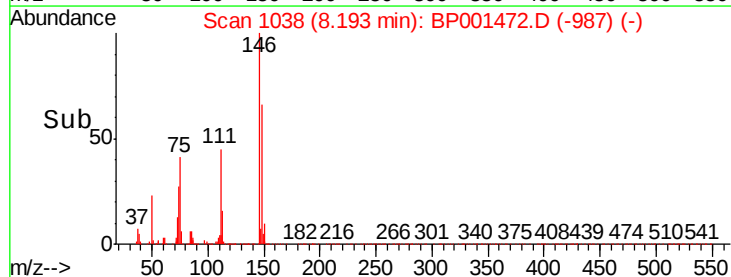
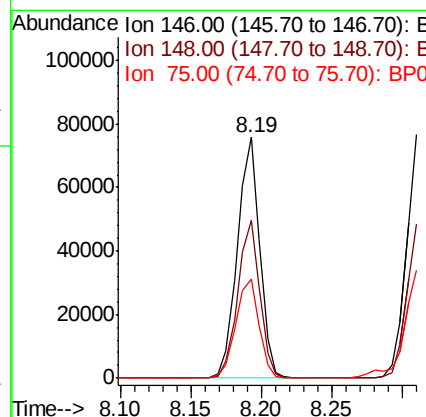
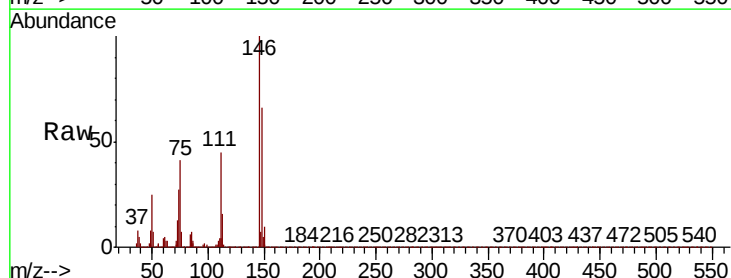
Instrument :
BNA_P
ClientSampleId :

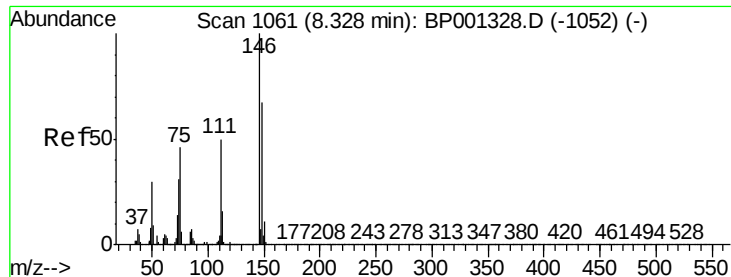
Tot Ion	93	Resp	66200
Ion Ratio	100	Lower	Upper
93	100		
63	83.1	64.9	104.9
95	31.7	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 46.601 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	146	Resp	83122
Ion Ratio	100	Lower	Upper
146	100		
148	65.7	52.2	78.2
75	41.2	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 47.417 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

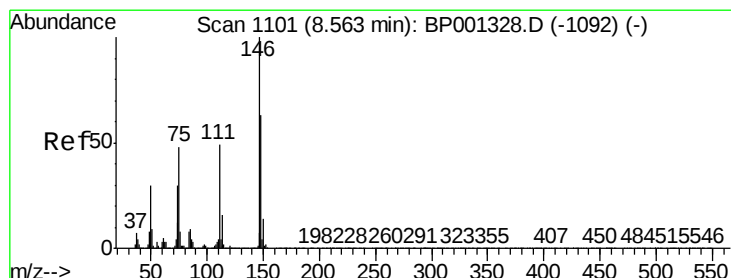
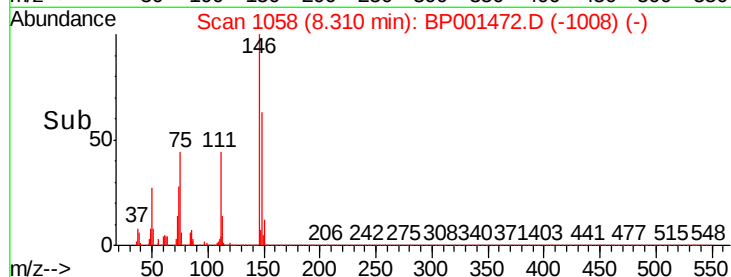
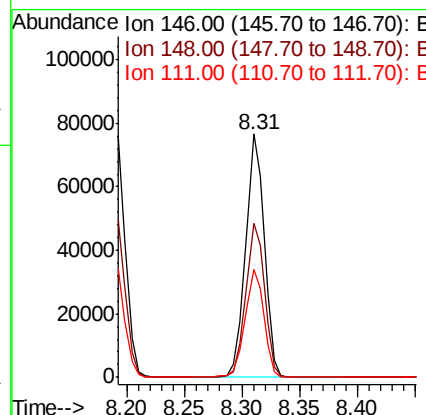
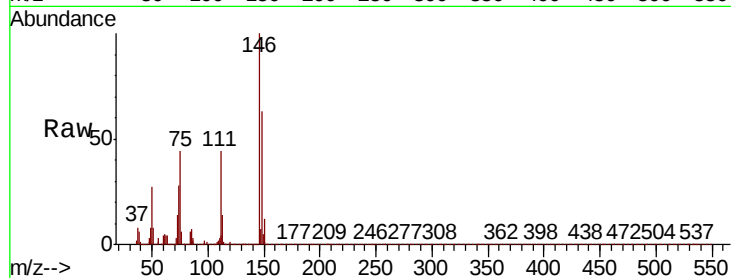
Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 86169

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	44.4	36.8	55.2



#14

1,2-Dichlorobenzene

Concen: 46.950 ng

RT: 8.55 min Scan# 1099

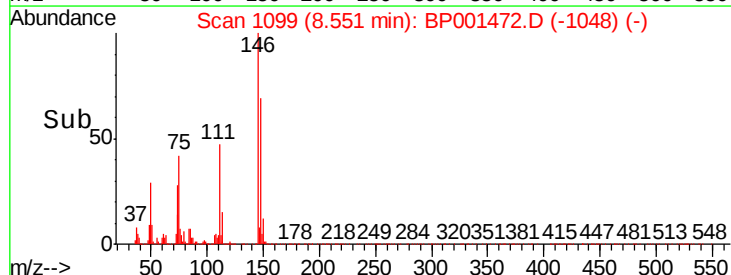
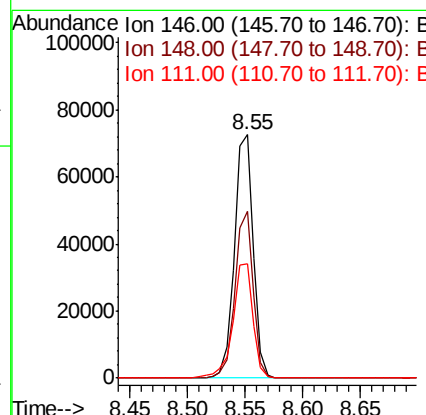
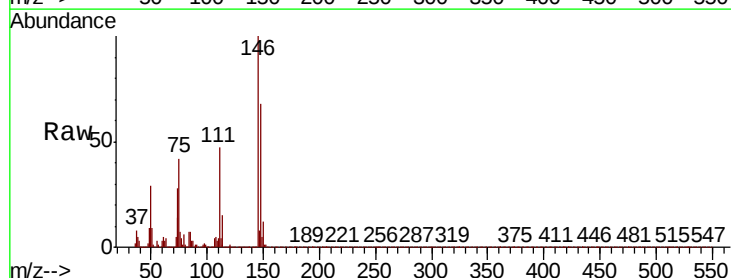
Delta R.T. -0.00 min

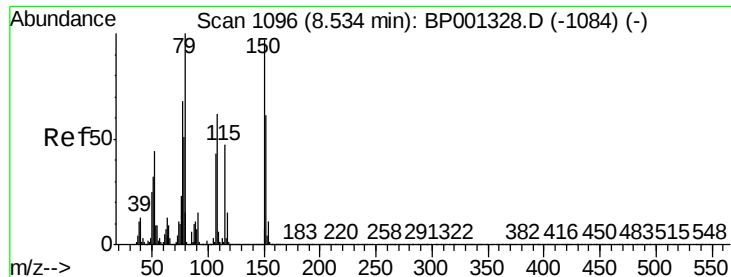
Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Tgt Ion:146 Resp: 81282

Ion	Ratio	Lower	Upper
146	100		
148	68.5	53.1	79.7
111	46.8	39.5	59.3

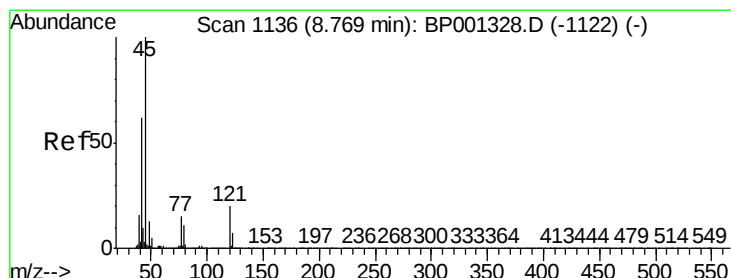
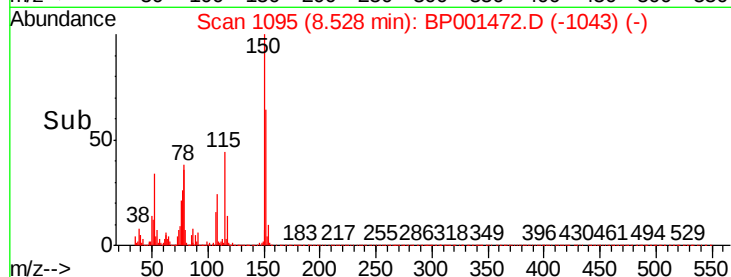
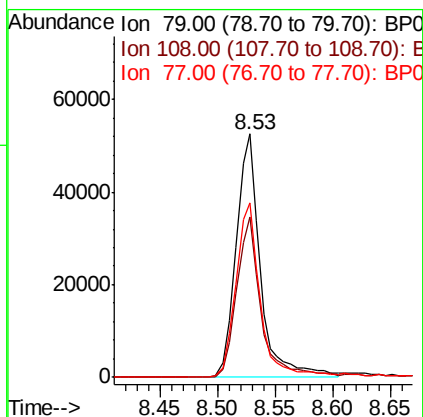
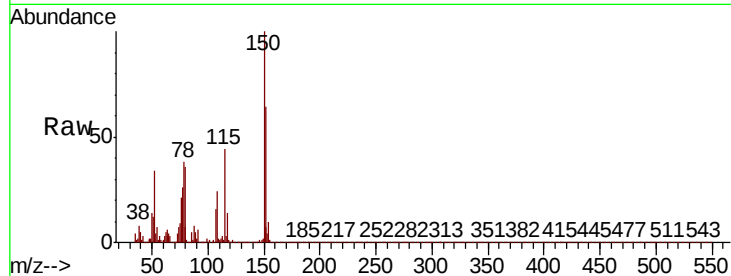




#15
Benzyl Alcohol
Concen: 44.063 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

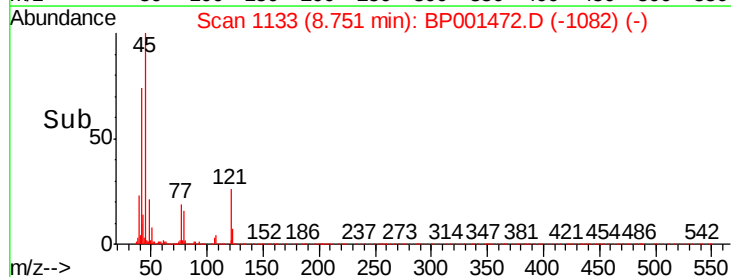
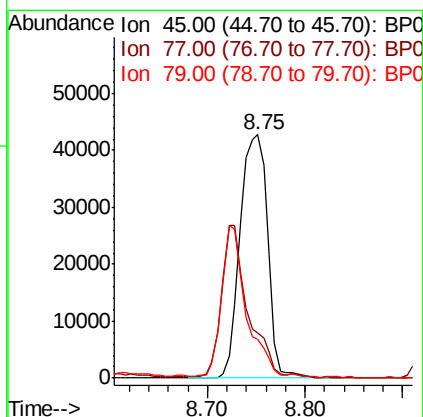
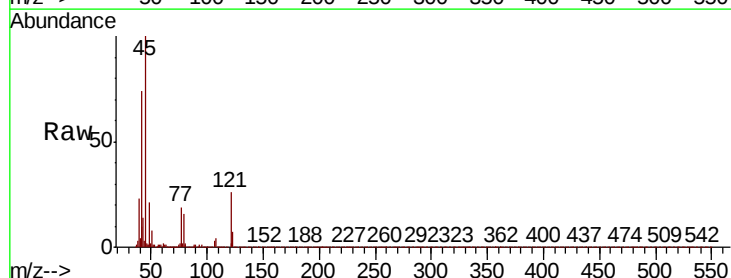
Instrument :
BNA_P
ClientSampleId :

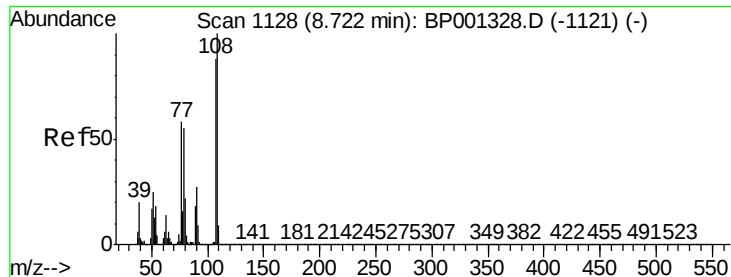
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.0	49.0	73.4
77	71.6	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.422 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	34.7
79	15.8	0.0	31.8

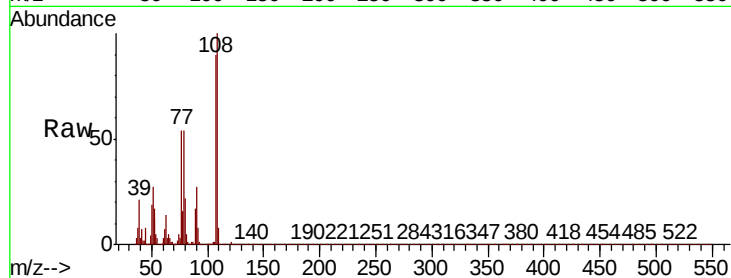




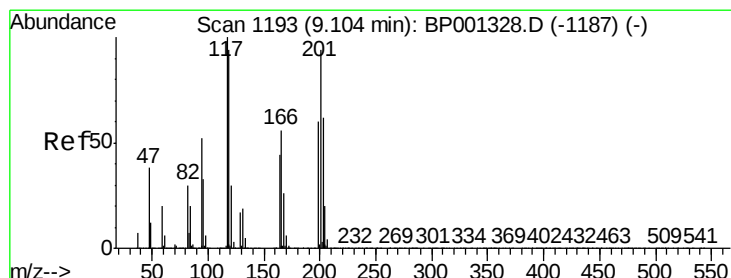
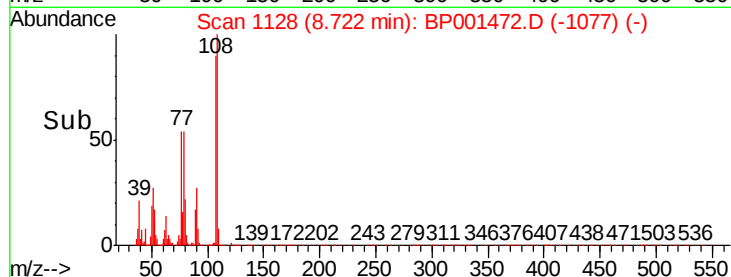
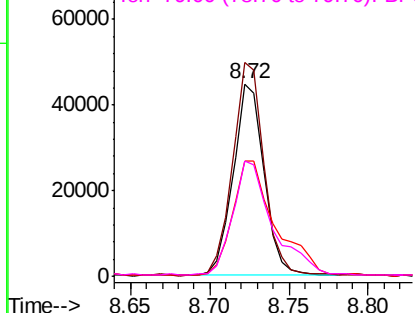
#17
2-Methylphenol
Concen: 47.827 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	60520
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.8	133.2
77	59.6	48.9	73.3
79	59.8	48.8	73.2

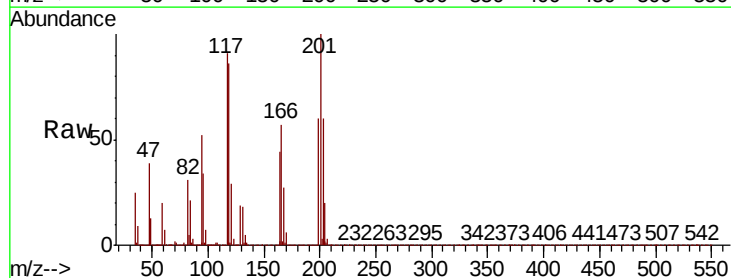


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

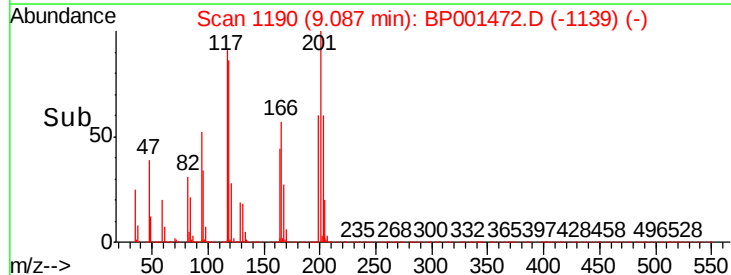
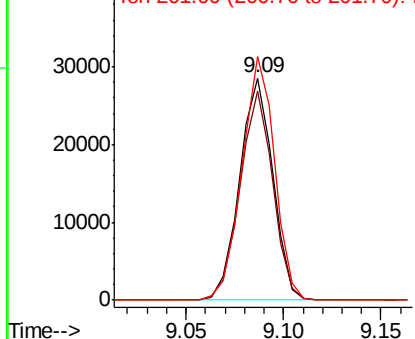


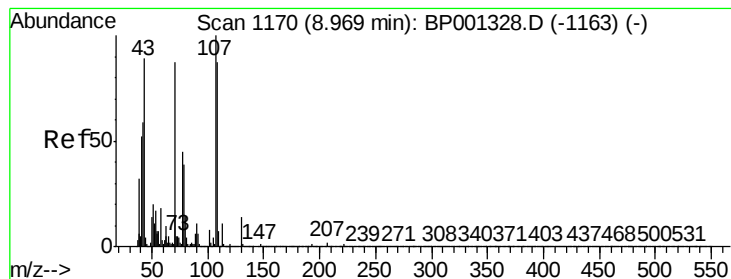
#18
Hexachloroethane
Concen: 43.407 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:	117	Resp:	33556
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.6
201	109.4	77.8	116.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.734 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 70 Resp: 57706

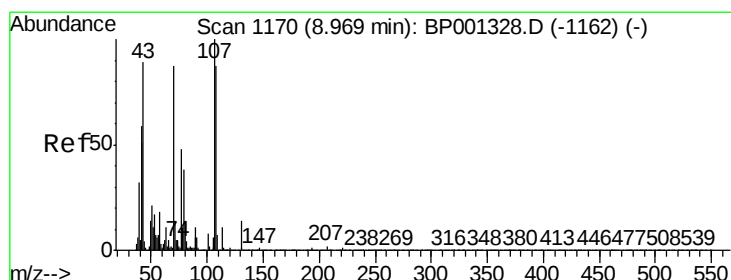
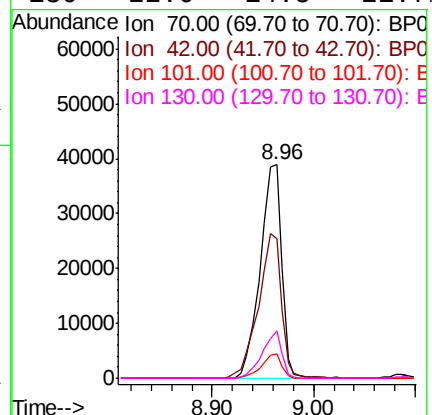
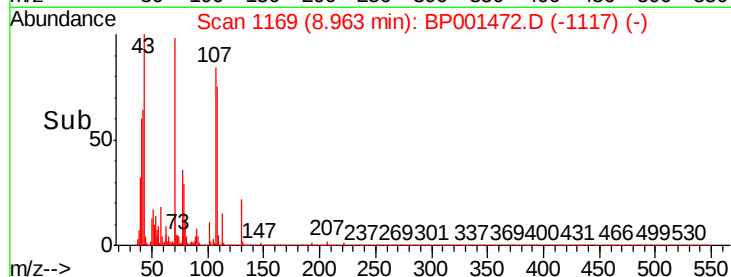
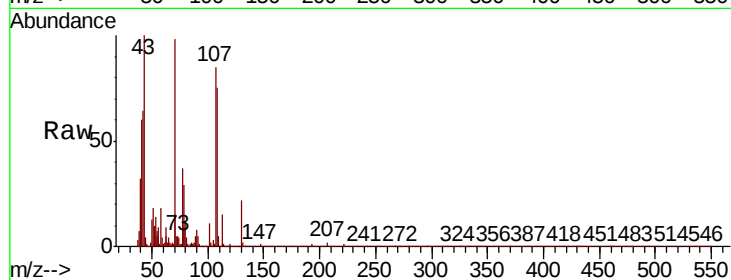
Ion Ratio Lower Upper

70 100

42 65.4 55.8 83.8

101 11.3 8.2 12.2

130 22.0 14.5 21.7#



#20

3+4-Methylphenols

Concen: 47.344 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Tgt Ion:107 Resp: 79501

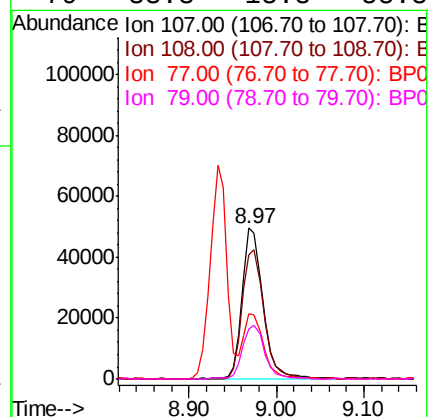
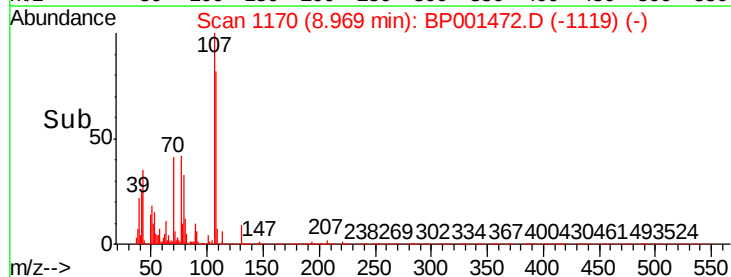
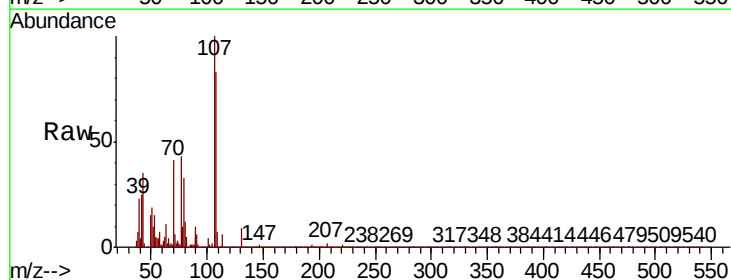
Ion Ratio Lower Upper

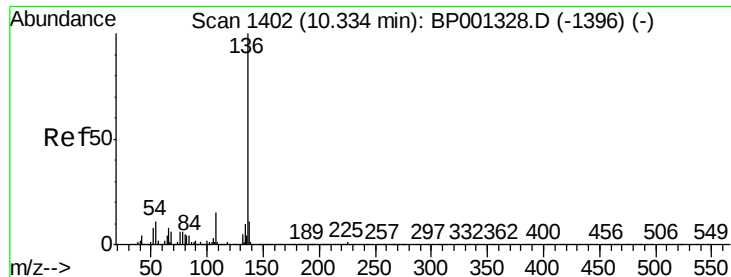
107 100

108 82.6 70.4 110.4

77 42.9 24.5 64.5

79 33.3 18.8 58.8

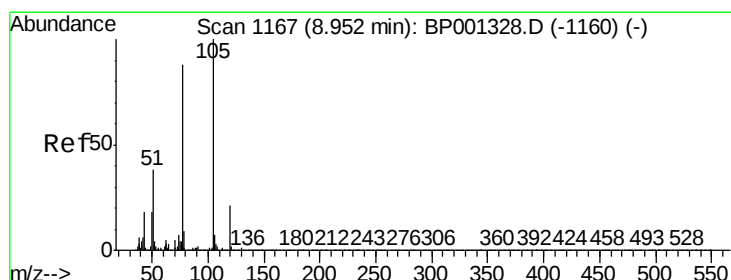
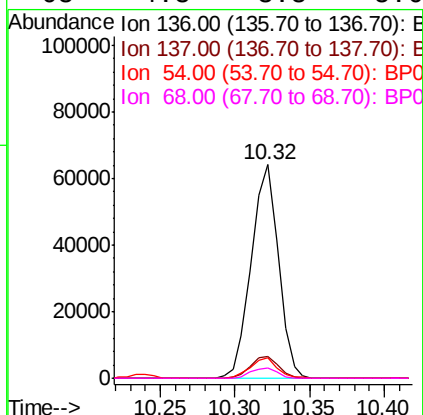
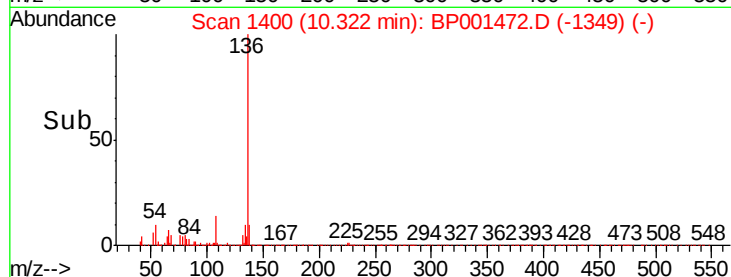
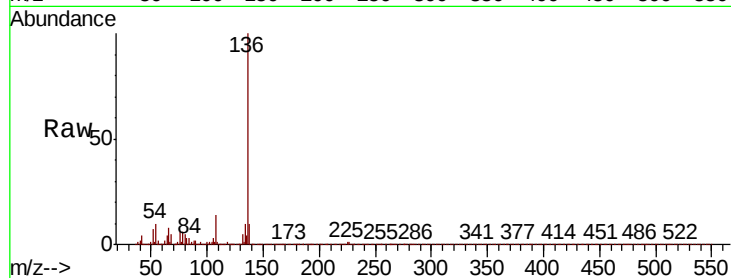




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

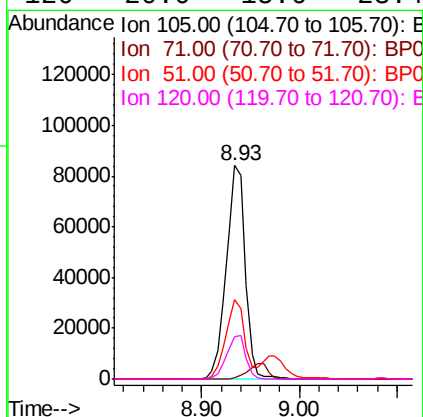
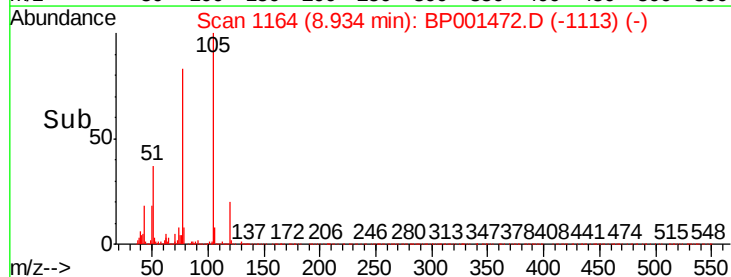
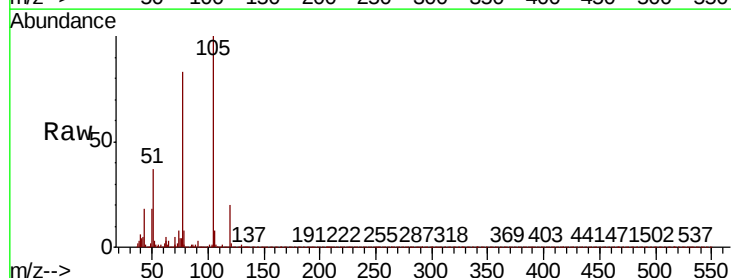
Instrument :
BNA_P
ClientSampled :

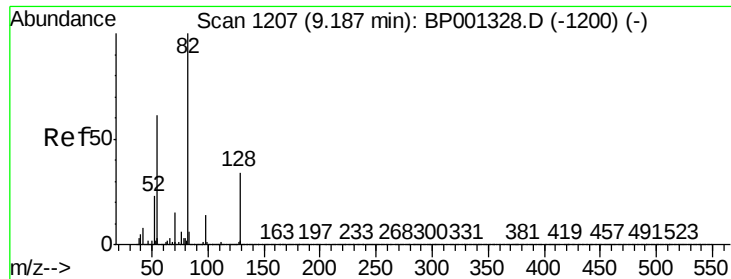
Tot Ion:136	Resp:	80575
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.0 13.4
54	9.7	7.3 10.9
68	4.8	3.8 5.6



#22
Acetophenone
Concen: 44.706 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:105	Resp:	113912
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.2 0.4#
51	37.4	29.8 44.6
120	20.0	15.6 23.4

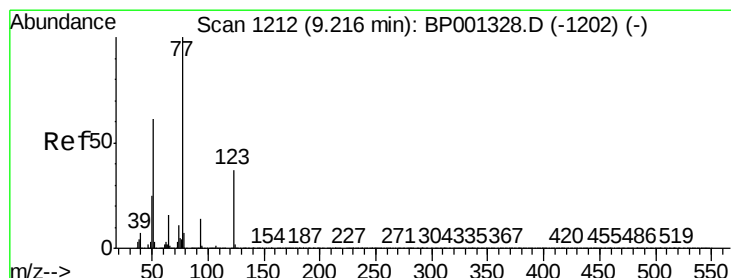
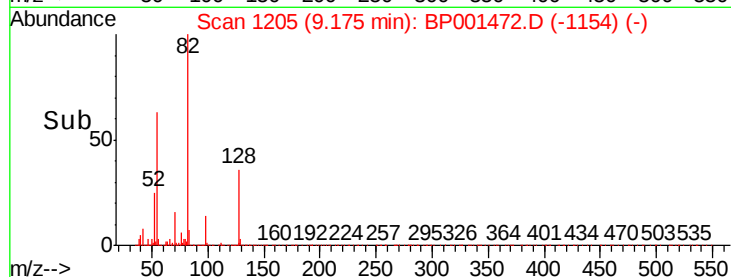
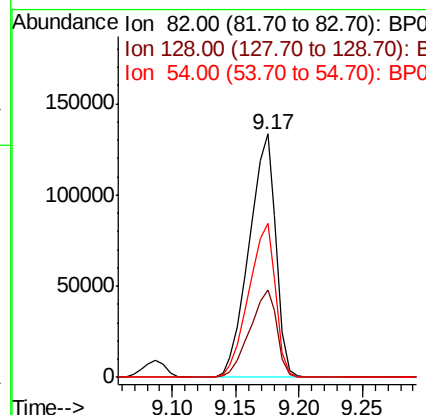
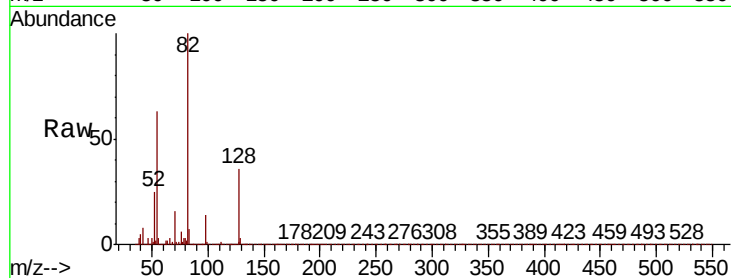




#23
Nitrobenzene-d5
Concen: 93.454 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

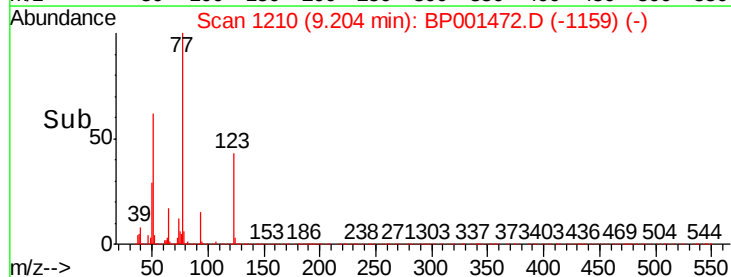
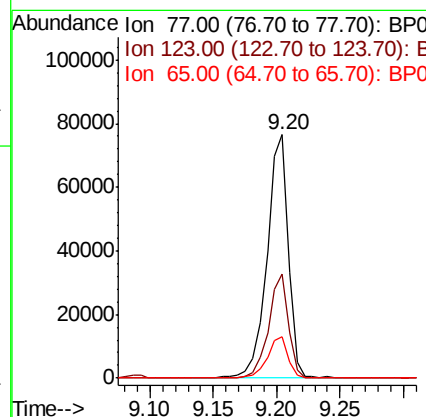
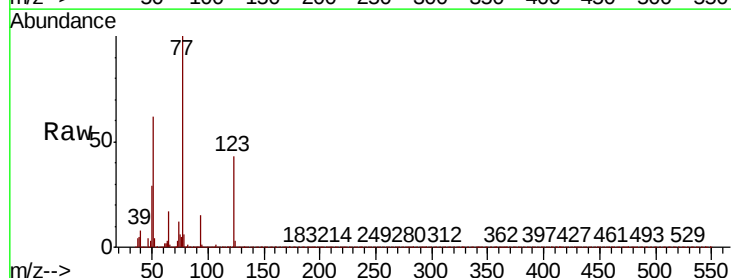
Instrument :
BNA_P
ClientSampleId :

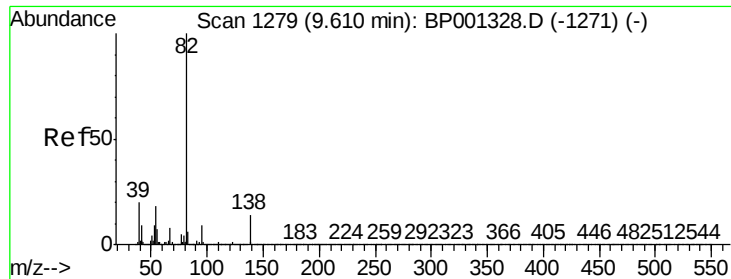
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	27.4	41.0
54	63.3	47.5	71.3



#24
Nitrobenzene
Concen: 43.170 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	30.9	46.3
65	17.0	13.0	19.4





#25

Isophorone

Concen: 43.962 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampled :

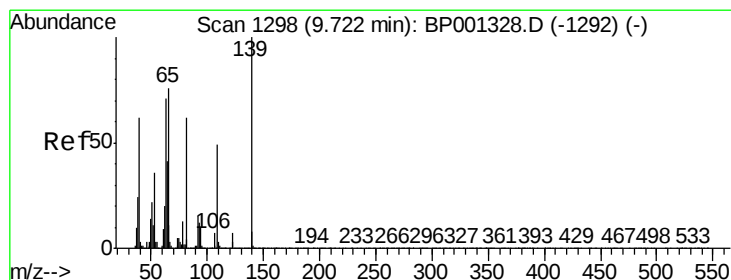
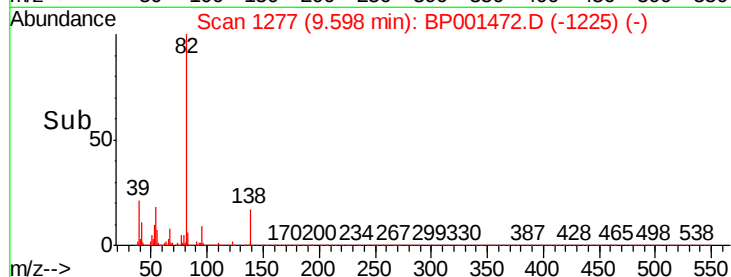
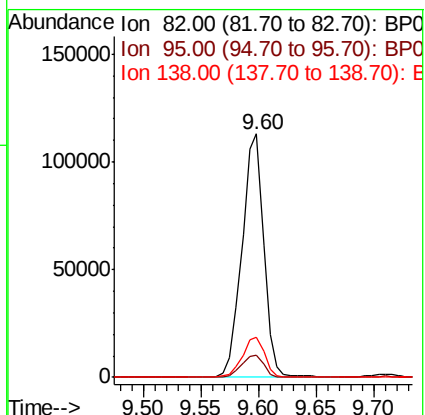
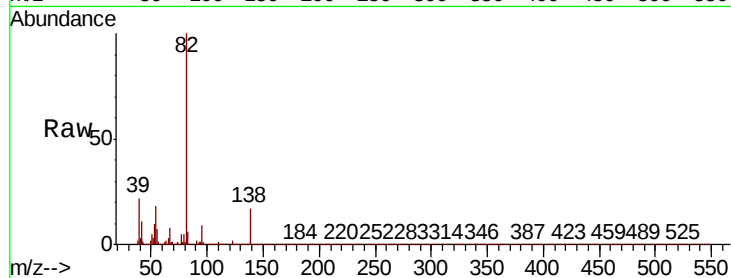
Tot Ion: 82 Resp: 148322

Ion Ratio Lower Upper

82 100

95 9.1 7.3 10.9

138 16.5 11.9 17.9



#26

2-Nitrophenol

Concen: 51.109 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

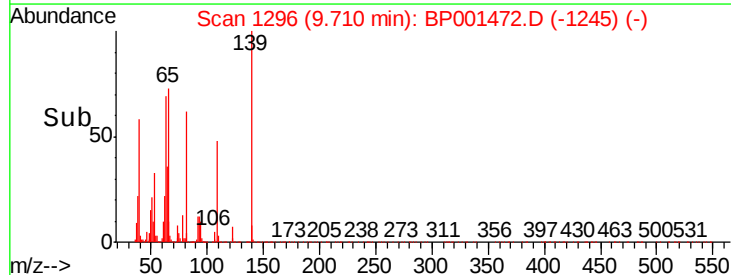
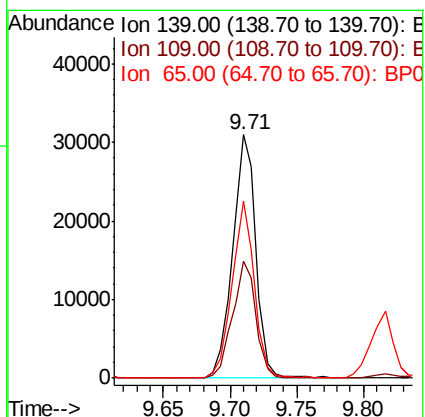
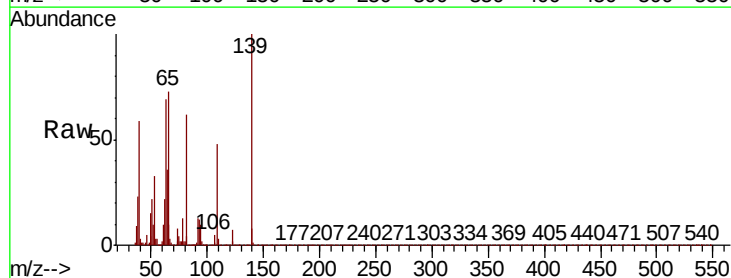
Tgt Ion: 139 Resp: 37637

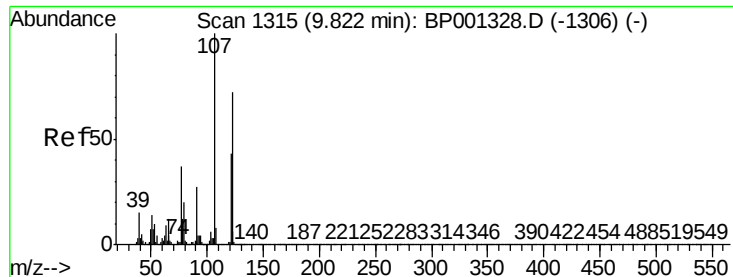
Ion Ratio Lower Upper

139 100

109 47.8 40.5 60.7

65 72.6 56.2 84.4

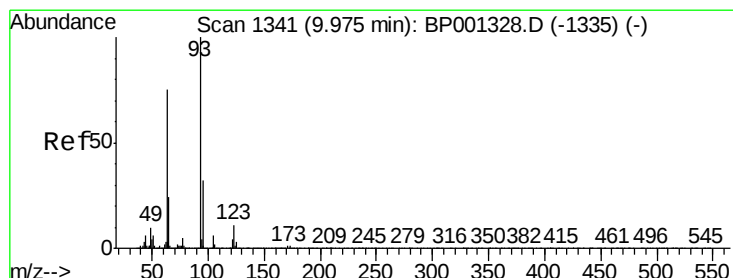
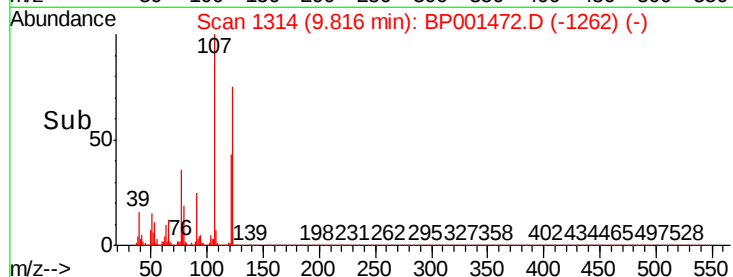
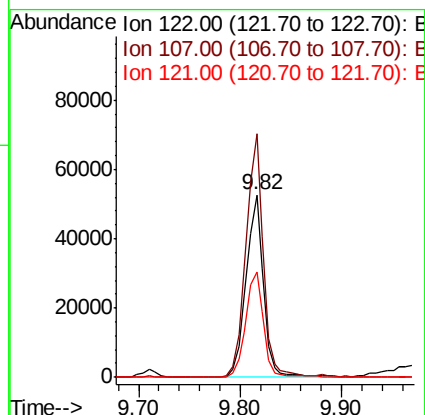
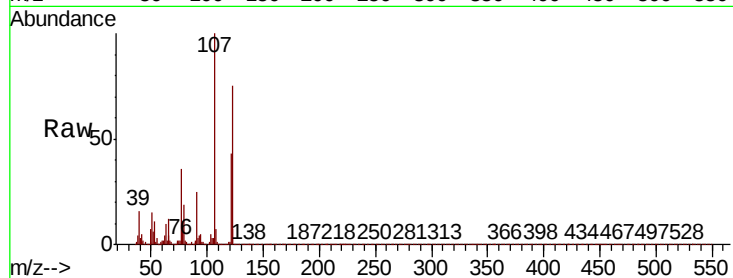




#27
2,4-Dimethylphenol
Concen: 58.148 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

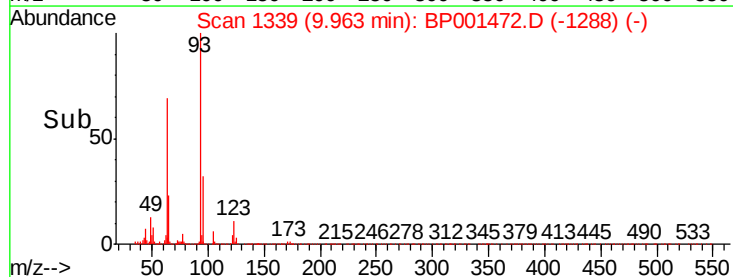
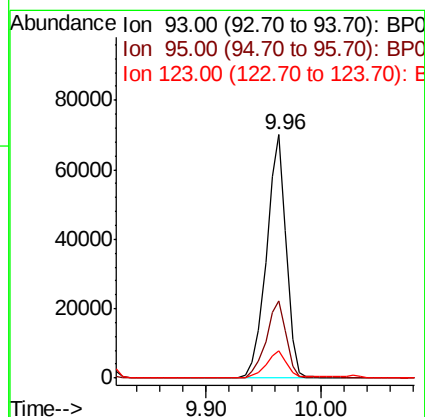
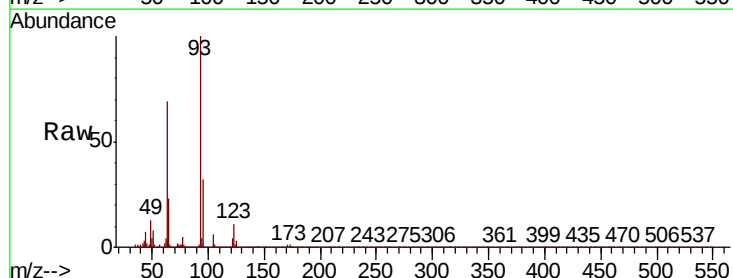
Instrument :
BNA_P
ClientSampleId :

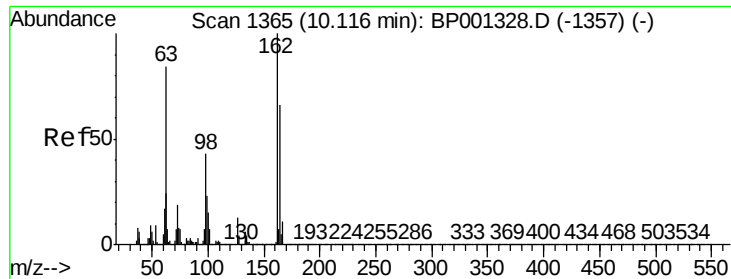
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.4	106.5	159.7
121	57.5	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.616 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.3	39.5
123	11.4	9.0	13.6

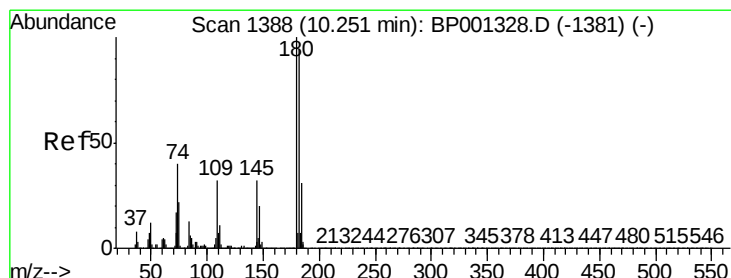
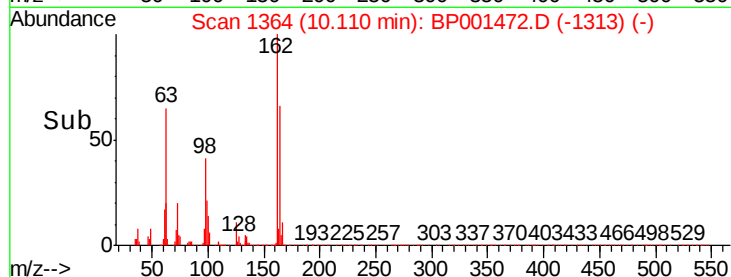
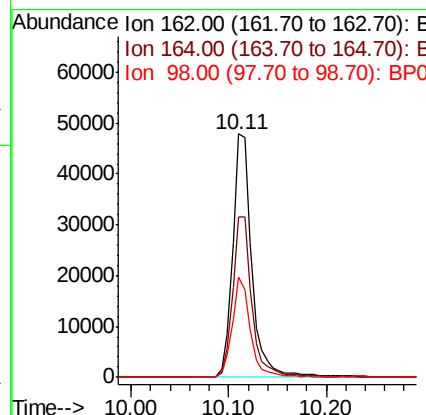
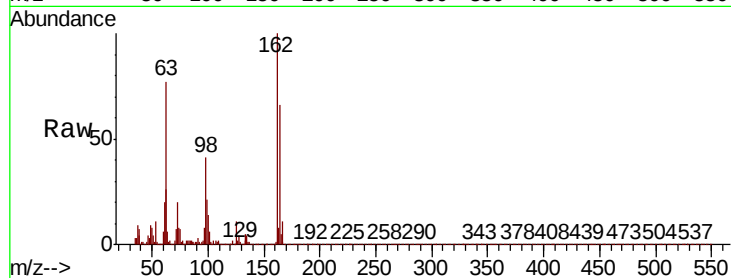




#29
2,4-Dichlorophenol
Concen: 48.842 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

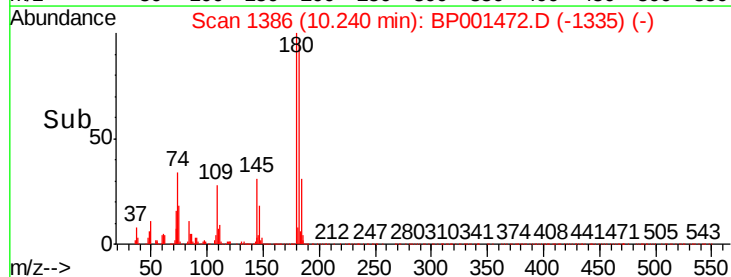
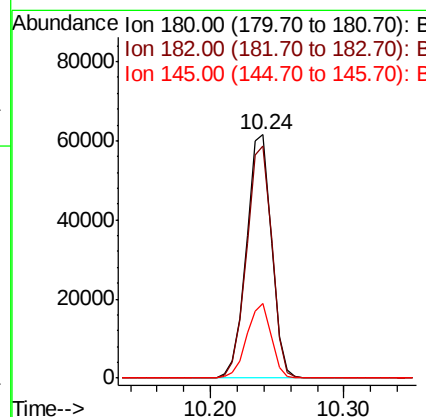
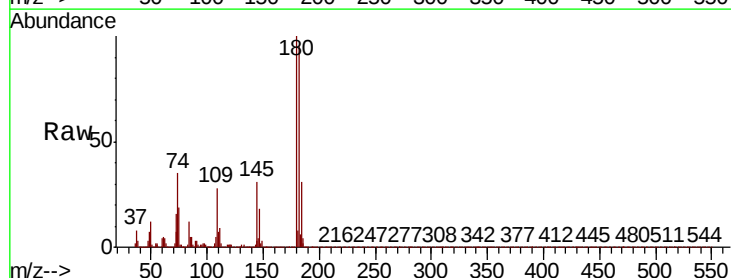
Instrument :
BNA_P
ClientSampleId :

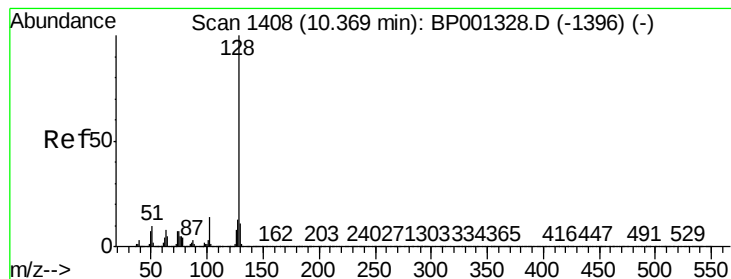
Tot Ion:162 Resp: 65502
Ion Ratio Lower Upper
162 100
164 65.8 44.8 84.8
98 41.2 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 48.212 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:180 Resp: 79530
Ion Ratio Lower Upper
180 100
182 95.2 79.3 118.9
145 30.8 23.1 34.7





#31

Naphthalene

Concen: 48.690 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BP001472.D

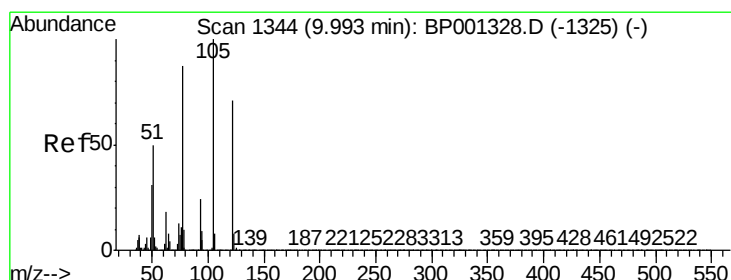
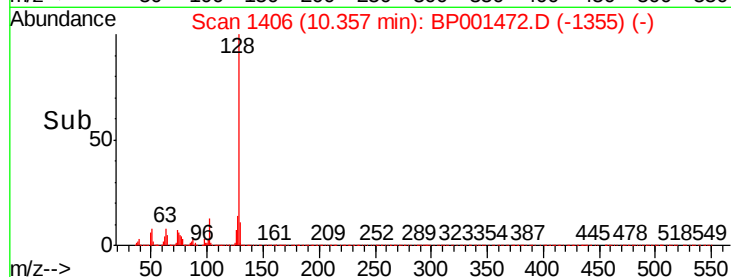
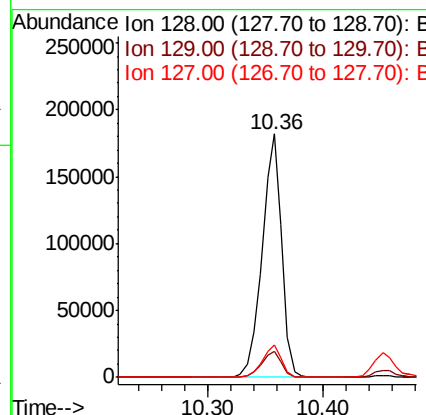
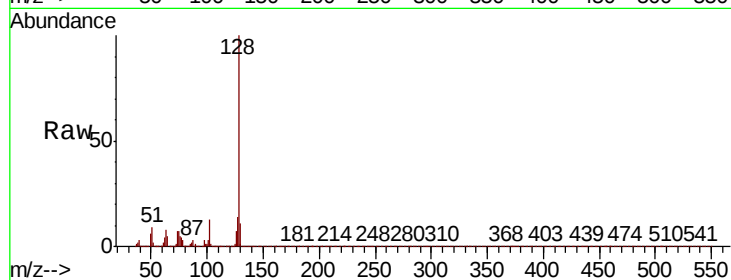
Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion:128	Resp:	214156
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.6 12.8
127	13.5	11.0 16.6



#32

Benzoic acid

Concen: 37.548 ng

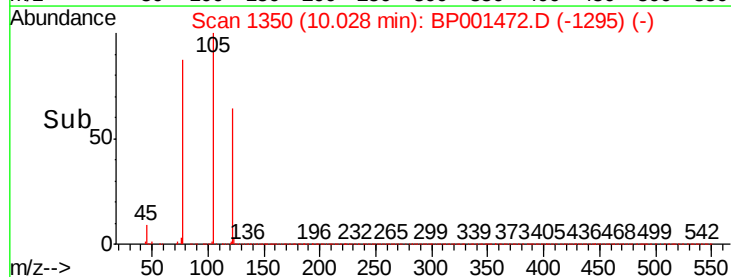
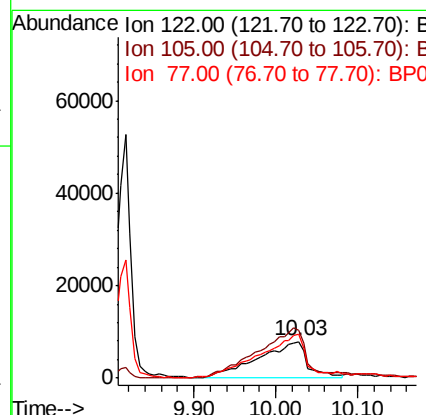
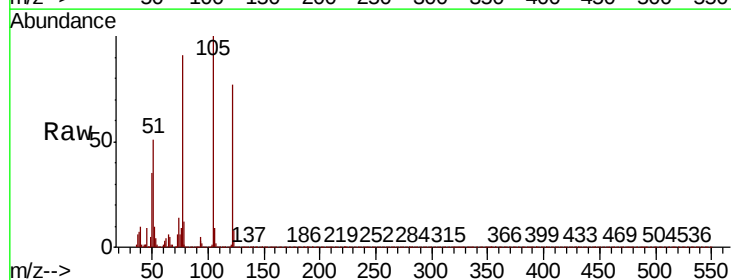
RT: 10.03 min Scan# 1350

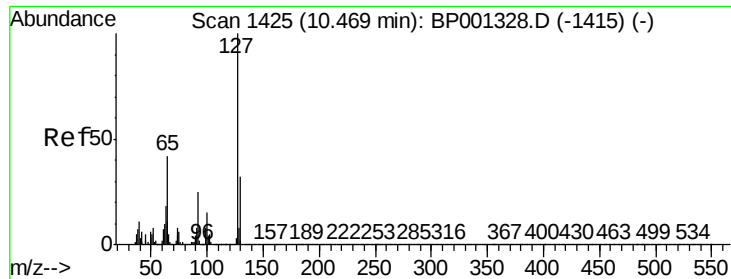
Delta R.T. 0.02 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Tgt Ion:122	Resp:	31811
Ion Ratio	Lower	Upper
122	100	
105	130.3	117.8 157.8
77	118.0	85.6 125.6

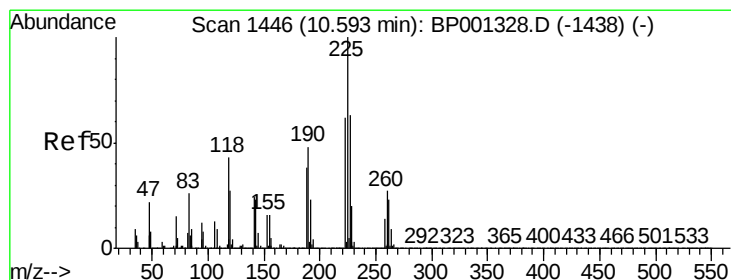
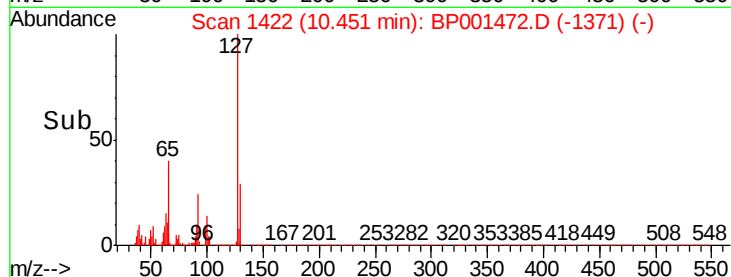
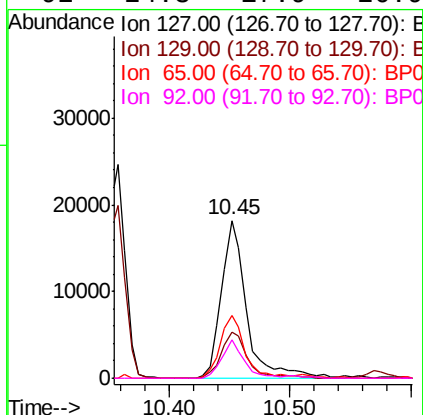
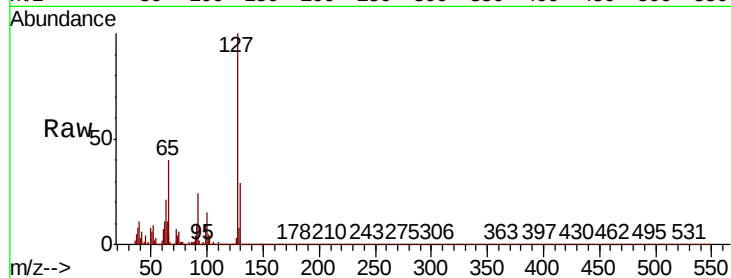




#33
4-Chloroaniline
Concen: 14.590 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

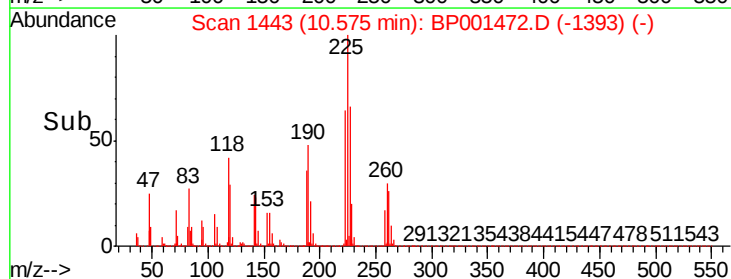
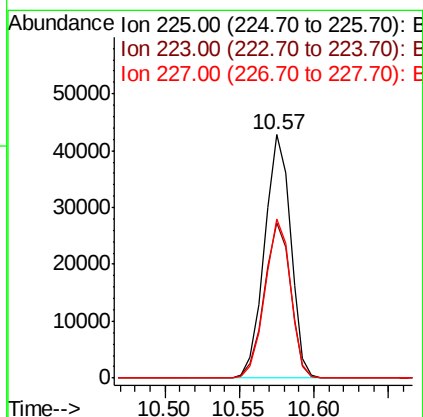
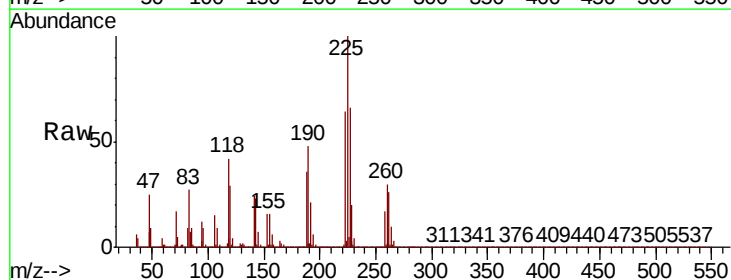
Instrument :
BNA_P
ClientSampleId :

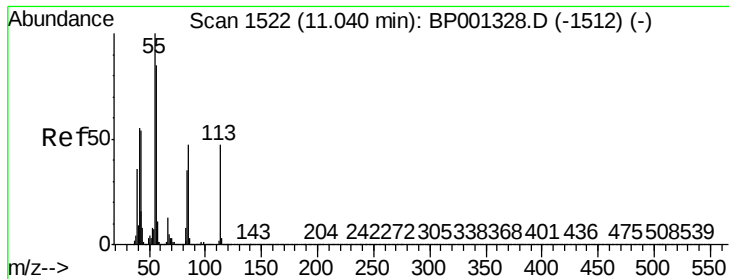
Tot Ion:	127	Resp:	26243
Ion	Ratio	Lower	Upper
127	100		
129	28.8	25.8	38.8
65	39.8	33.9	50.9
92	24.3	17.9	26.9



#34
Hexachlorobutadiene
Concen: 45.117 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:	225	Resp:	51910
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.0
227	65.5	57.0	85.4

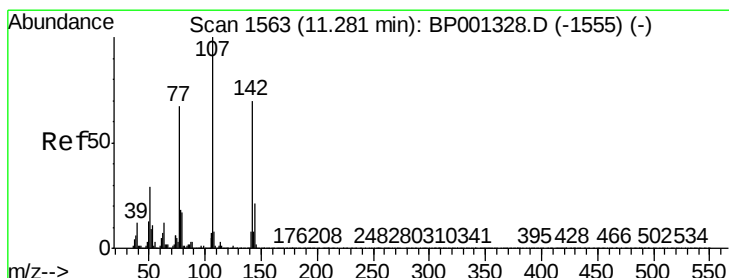
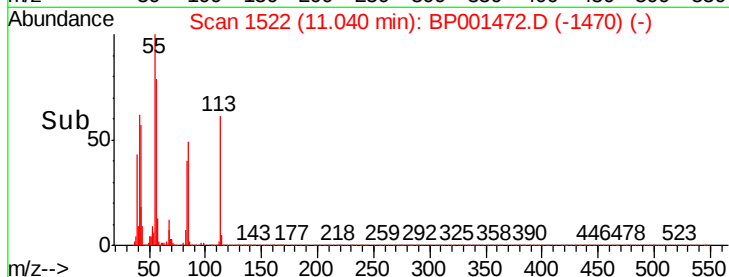
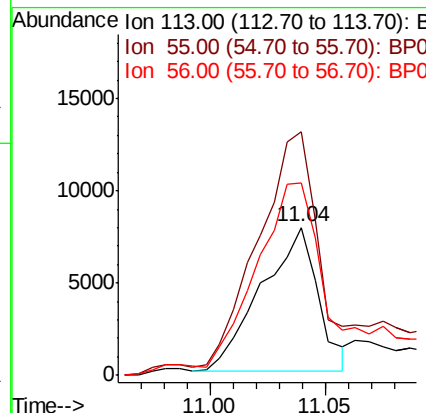
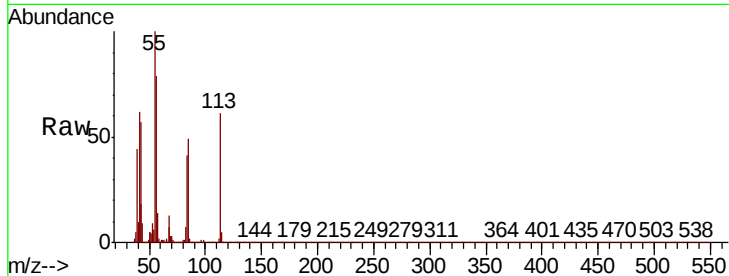




#35
 Caprolactam
 Concen: 33.186 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

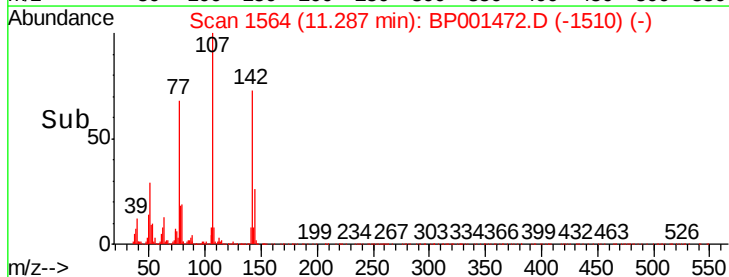
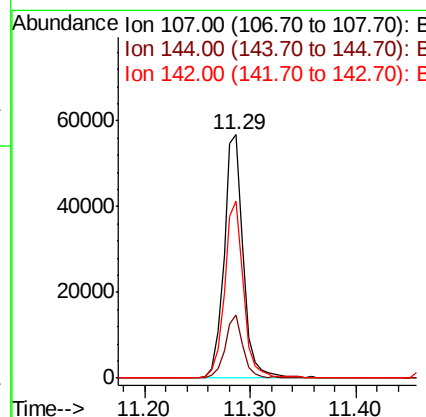
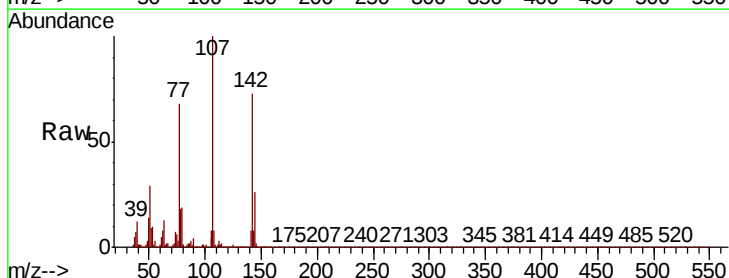
Instrument :
 BNA_P
 ClientSampleId :

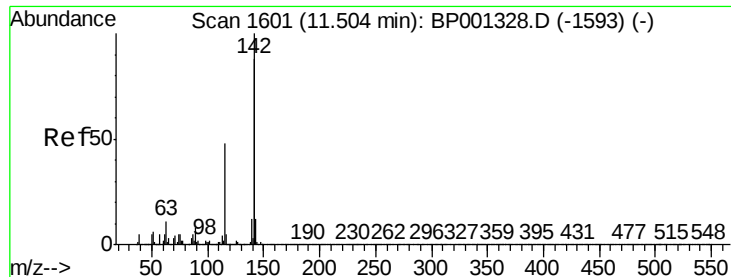
Tot Ion:113 Resp: 13243
 Ion Ratio Lower Upper
 113 100
 55 164.5 164.2 204.2
 56 130.1 130.8 170.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.156 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.02 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

Tgt Ion:107 Resp: 72335
 Ion Ratio Lower Upper
 107 100
 144 26.1 17.8 26.8
 142 72.8 56.2 84.4

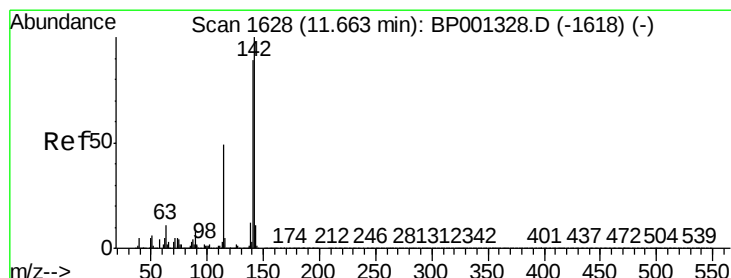
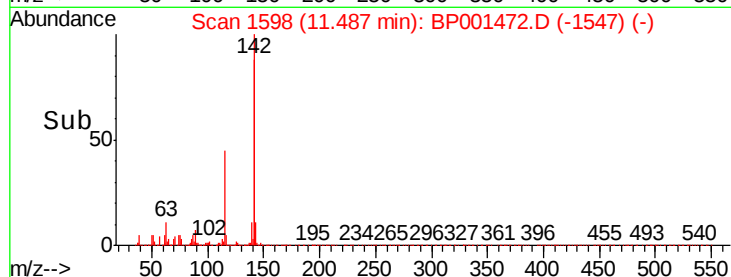
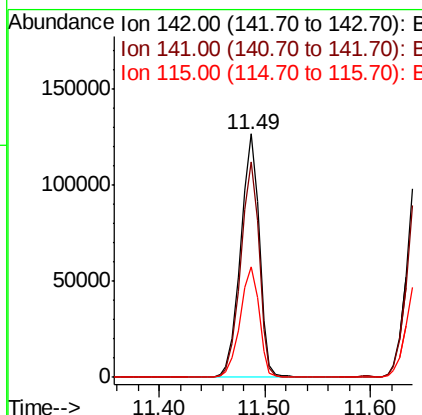
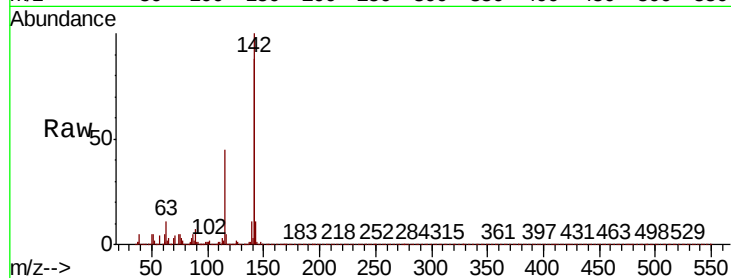




#37
2-Methylnaphthalene
Concen: 50.553 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

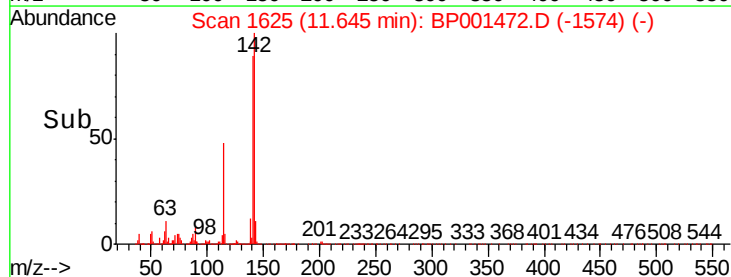
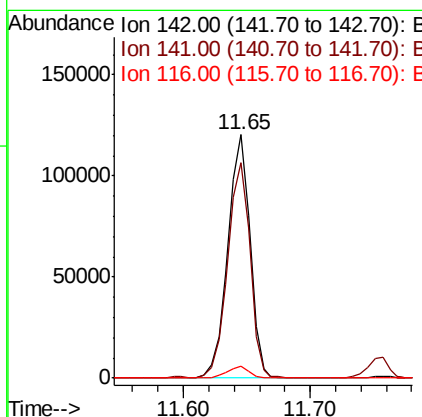
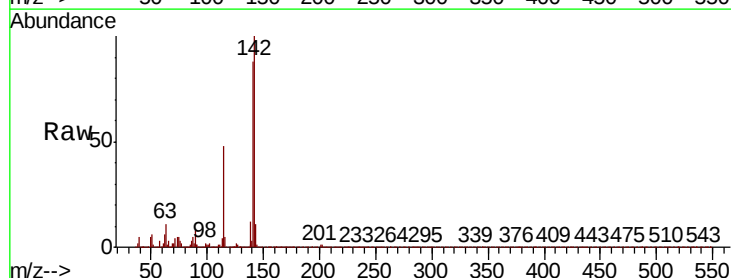
Instrument :
BNA_P
ClientSampleId :

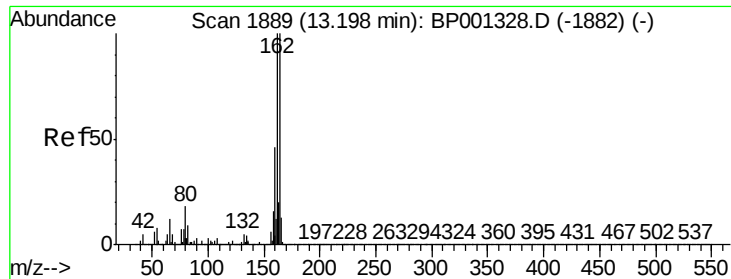
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.2
115	45.2	37.0	55.4



#38
1-Methylnaphthalene
Concen: 50.812 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.9	109.3
116	4.8	3.8	5.8

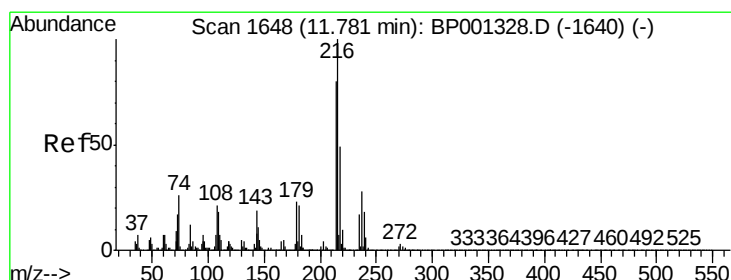
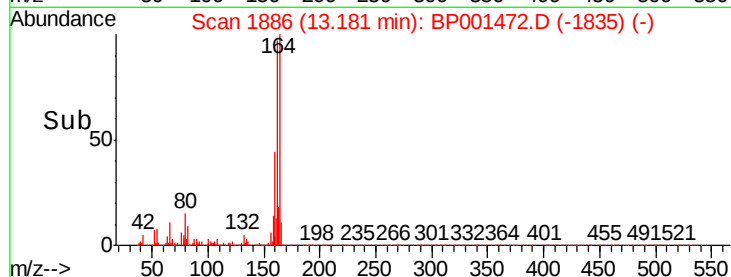
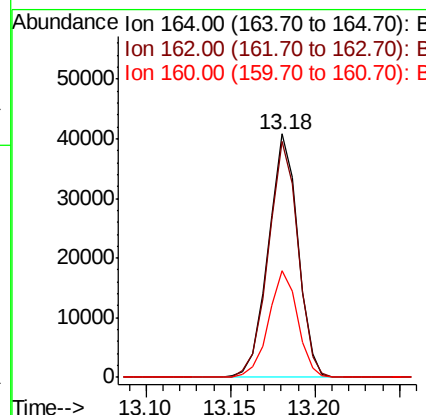
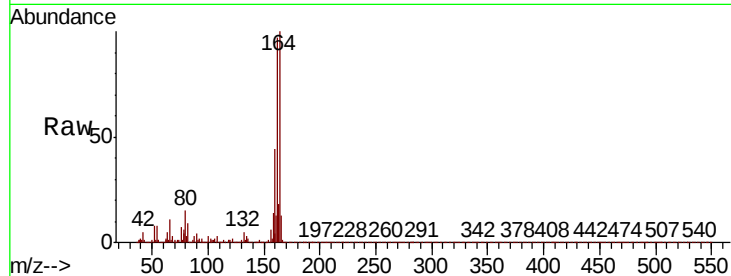




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

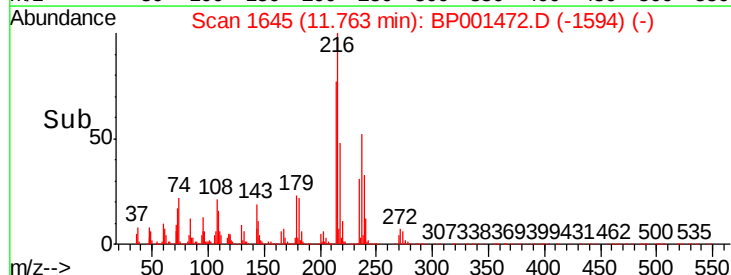
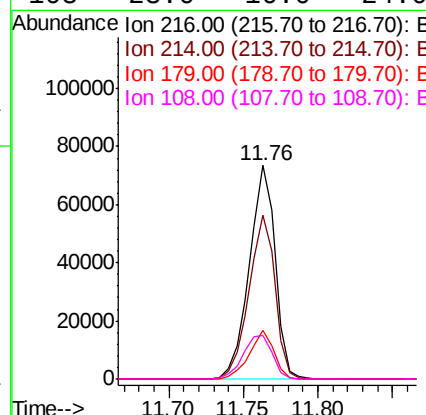
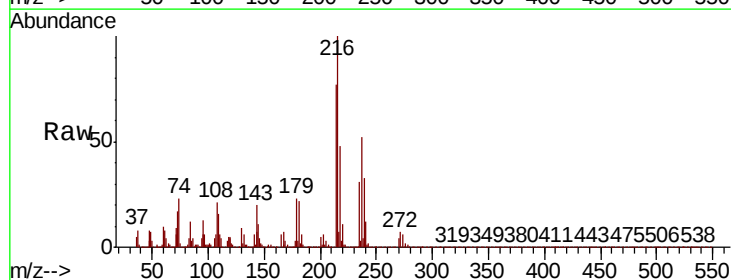
Instrument :
BNA_P
ClientSampleId :

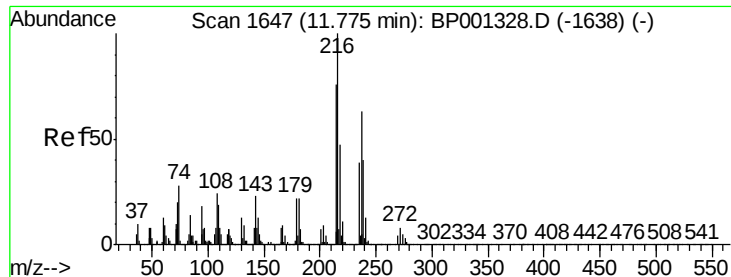
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.2	117.4
160	43.6	35.1	52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.242 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.1	93.1
179	21.7	17.1	25.7
108	23.6	16.0	24.0

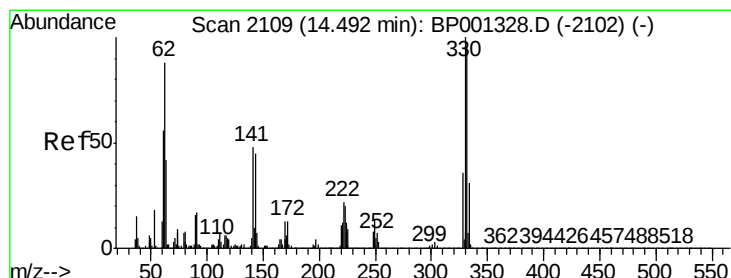
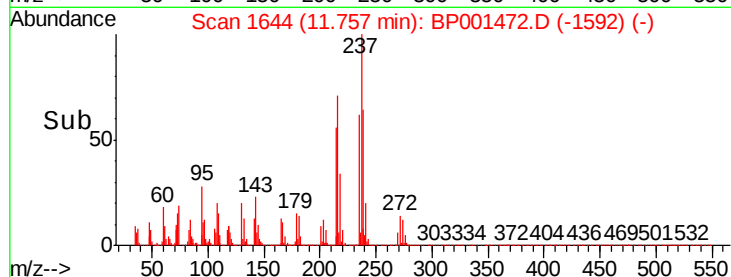
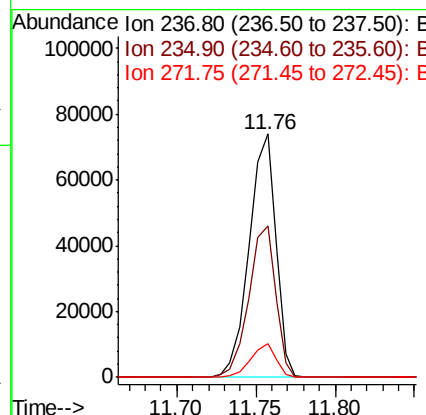
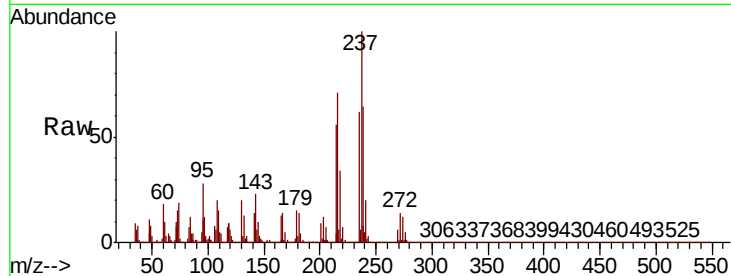




#41
Hexachlorocyclopentadiene
Concen: 96.606 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

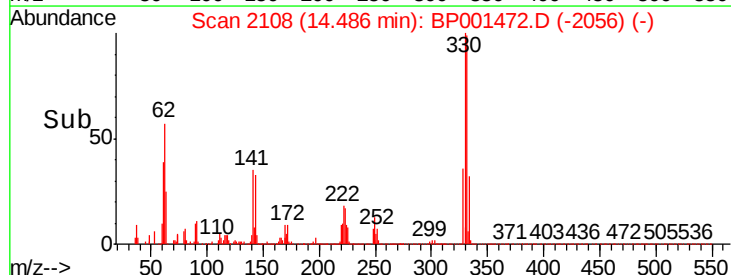
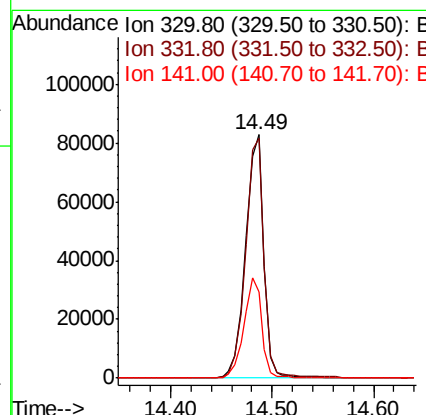
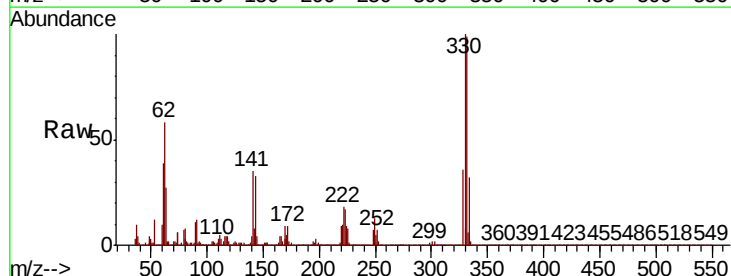
Instrument :
BNA_P
ClientSampleId :

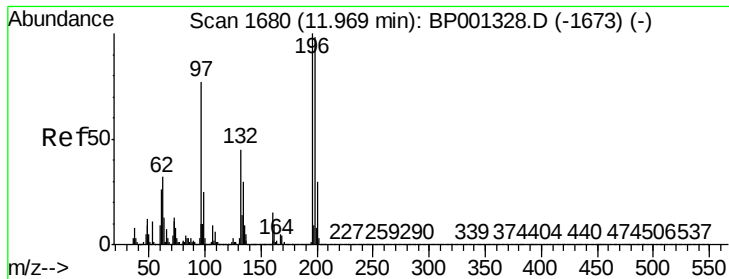
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.8	82.8
272	13.7	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 168.744 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.3	117.5
141	40.2	26.8	40.2#

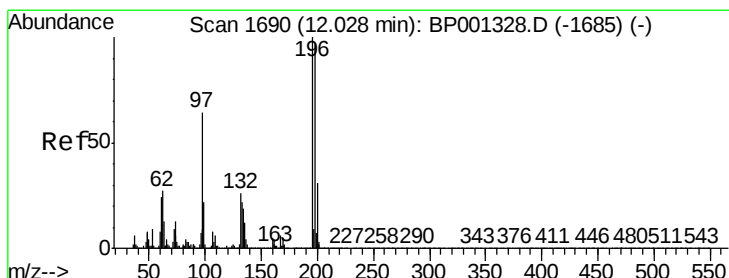
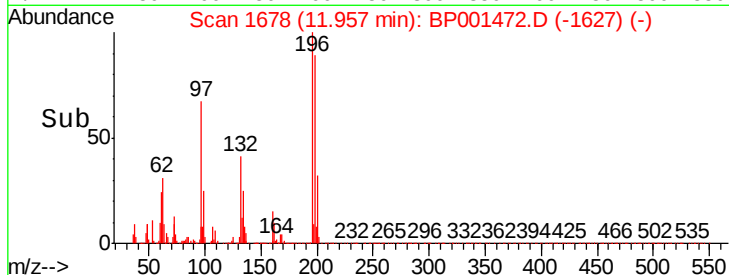
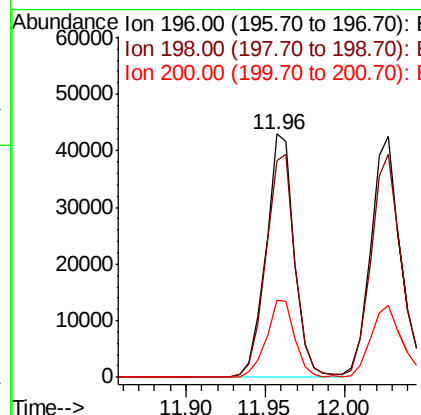
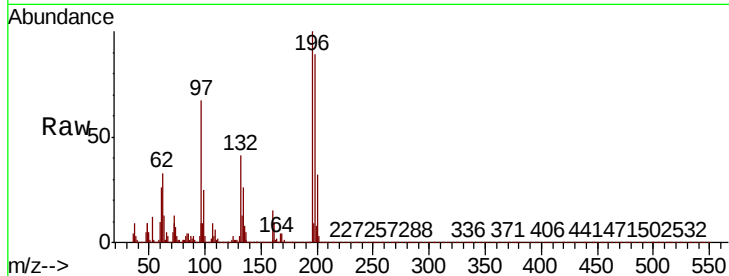




#43
 2,4,6-Trichlorophenol
 Concen: 48.285 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

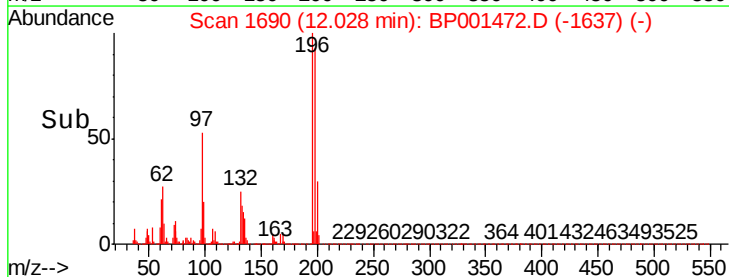
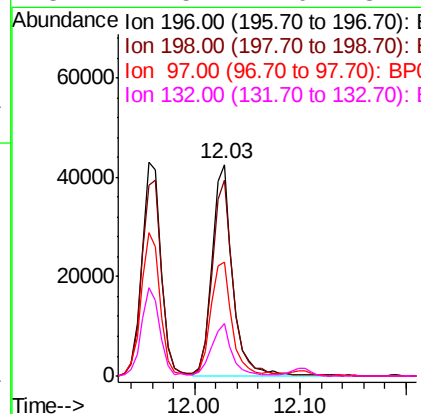
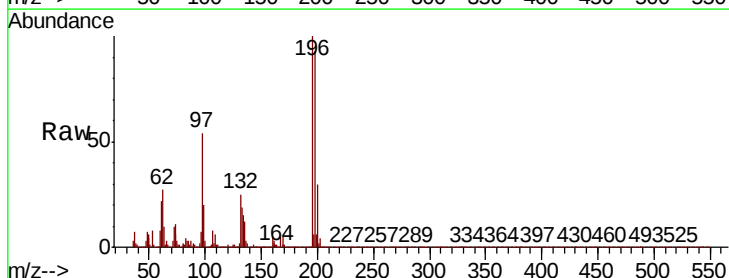
Instrument :
 BNA_P
 ClientSampleId :

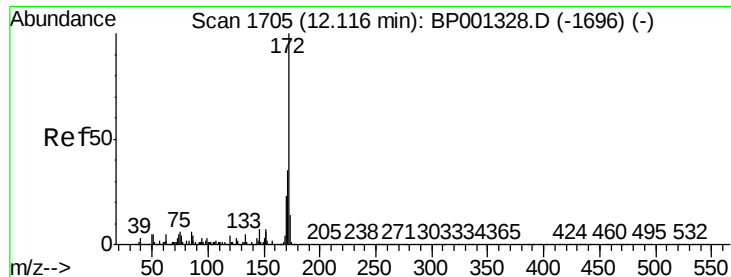
Tot Ion:196 Resp: 53982
 Ion Ratio Lower Upper
 196 100
 198 89.3 77.2 115.8
 200 31.7 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 51.147 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

Tgt Ion:196 Resp: 58752
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.8 113.6
 97 53.7 46.1 69.1
 132 24.5 21.0 31.4

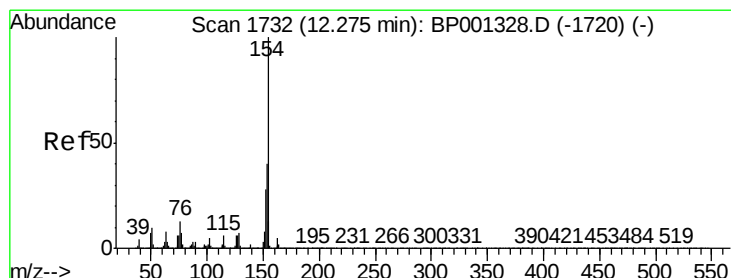
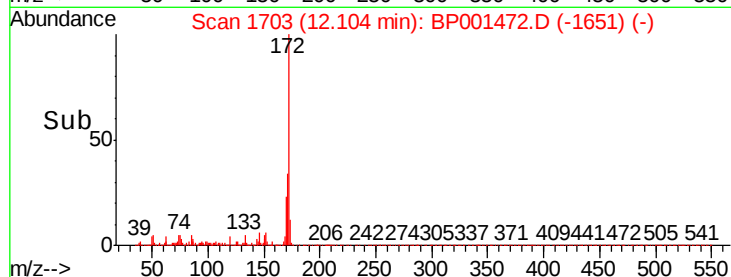
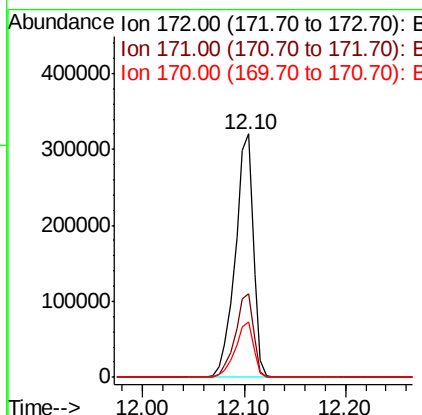
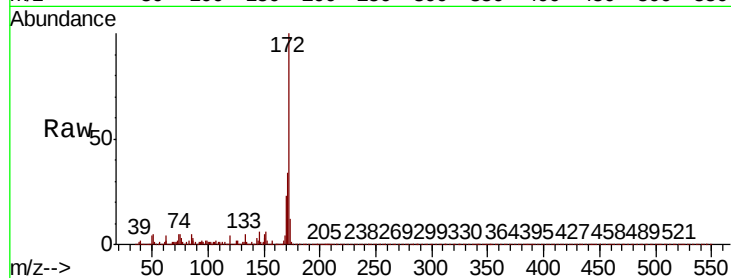




#45
2-Fluorobiphenyl
Concen: 101.850 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

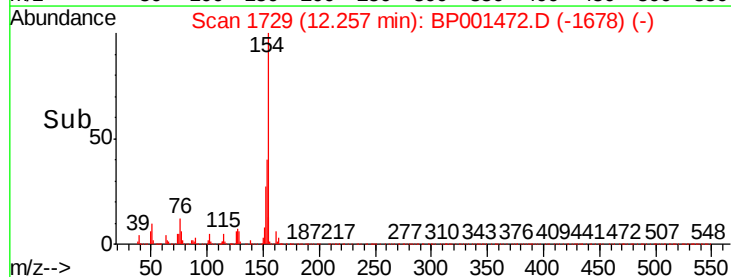
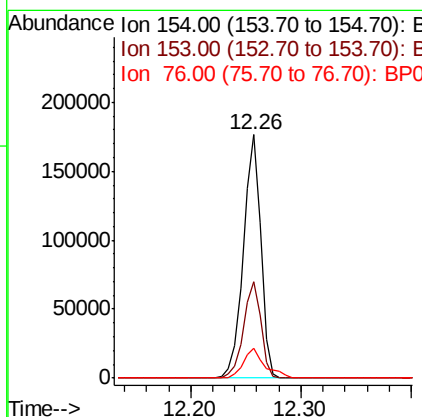
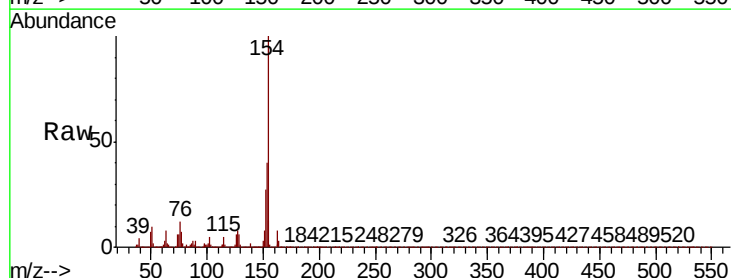
Instrument :
BNA_P
ClientSampleId :

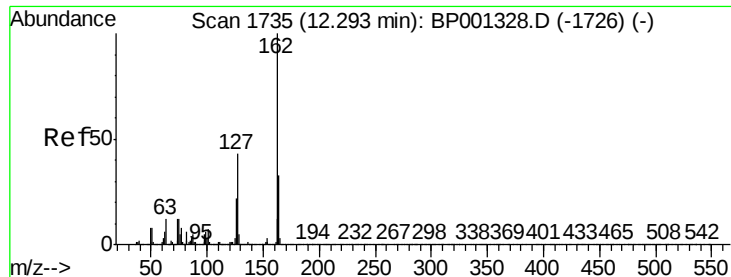
Tot Ion:172 Resp: 396008
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 22.8 18.2 27.4



#46
1,1'-Biphenyl
Concen: 47.883 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:154 Resp: 197003
Ion Ratio Lower Upper
154 100
153 39.8 19.5 59.5
76 12.0 0.0 31.5

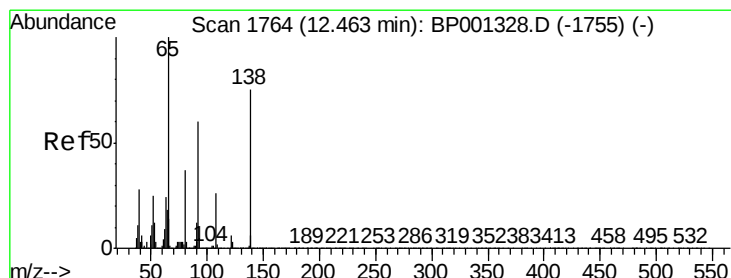
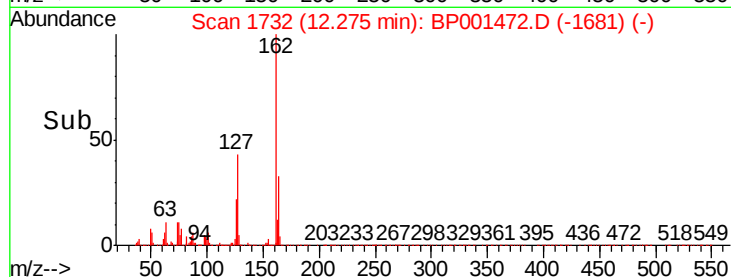
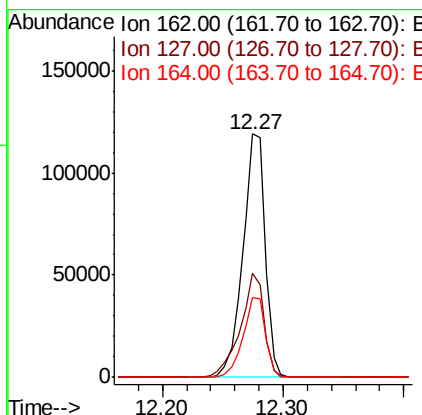
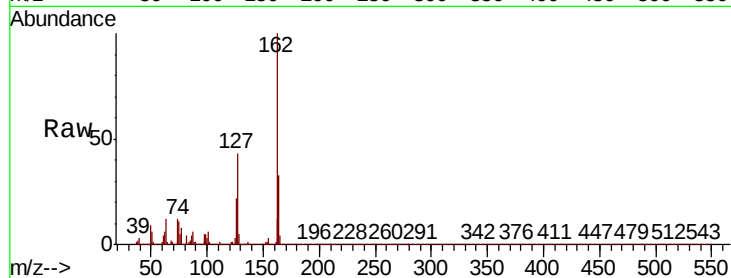




#47
2-Chloronaphthalene
Concen: 46.214 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

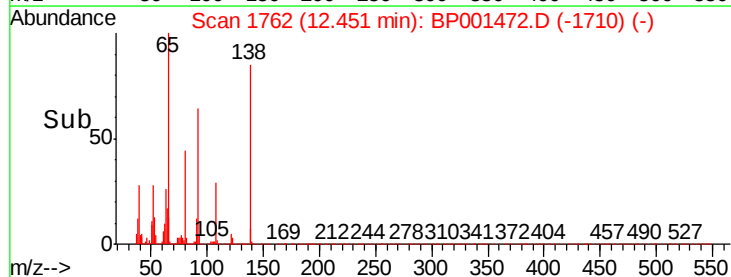
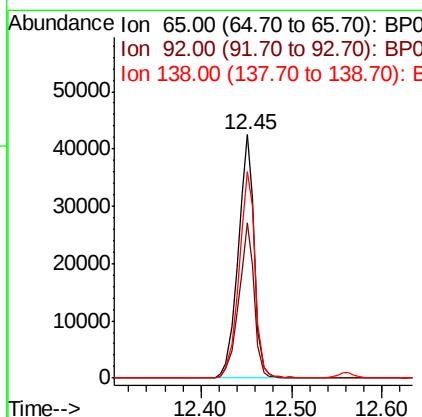
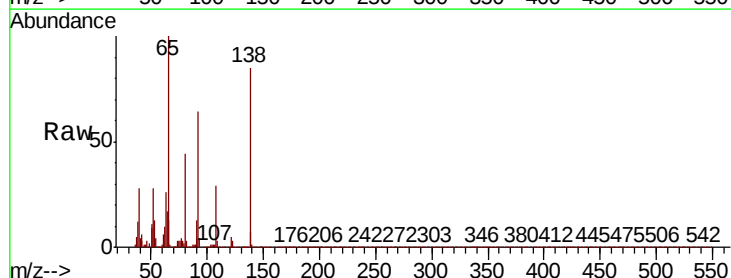
Instrument :
BNA_P
ClientSampleId :

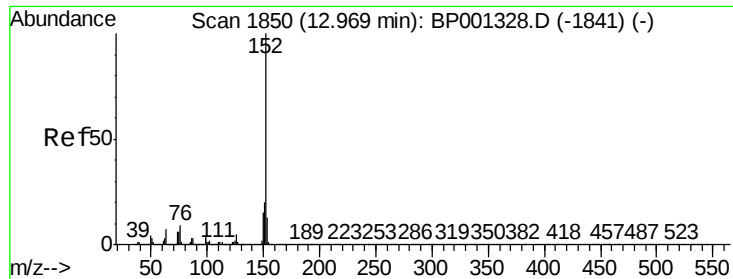
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.4	50.2
164	32.6	26.0	39.0



#48
2-Nitroaniline
Concen: 39.833 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	48.9	73.3
138	84.8	65.1	97.7





#49

Acenaphthylene

Concen: 48.477 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

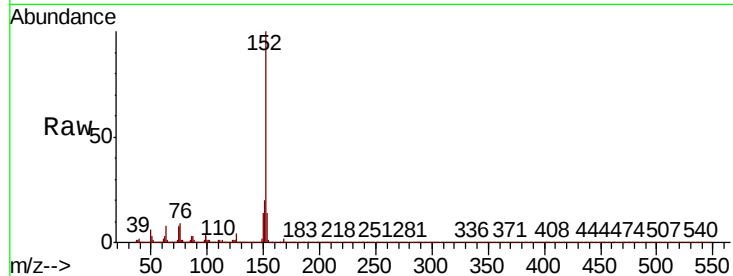
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 235699

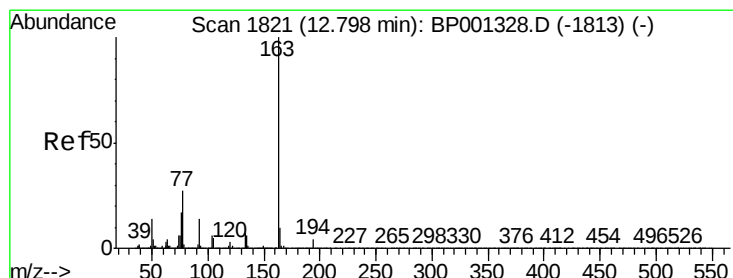
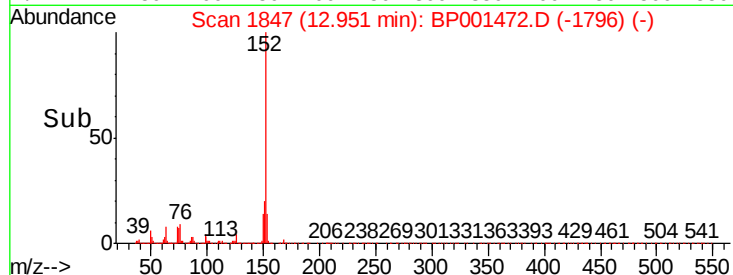
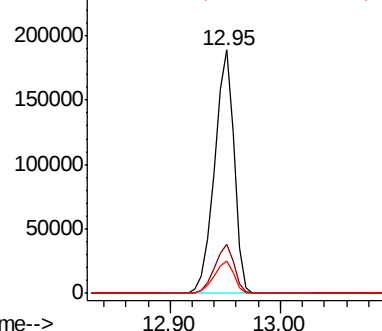
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.6	23.4
153	13.5	10.3	15.5



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: 54.414 ng

RT: 12.79 min Scan# 1819

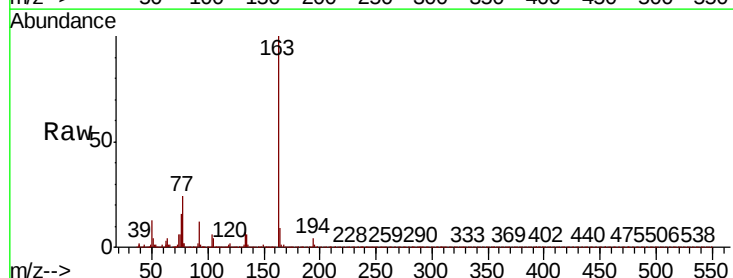
Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Tgt Ion:163 Resp: 219475

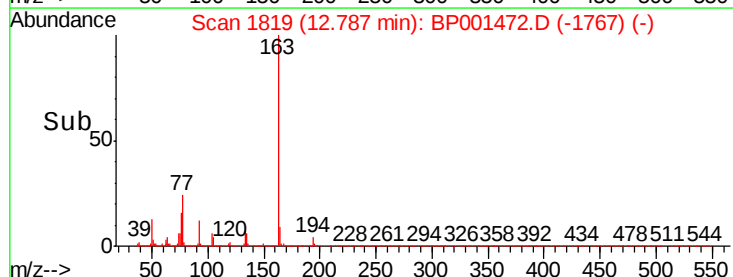
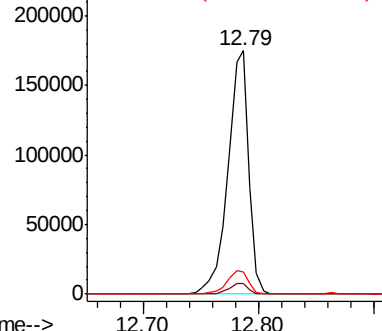
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.3	7.7	11.5

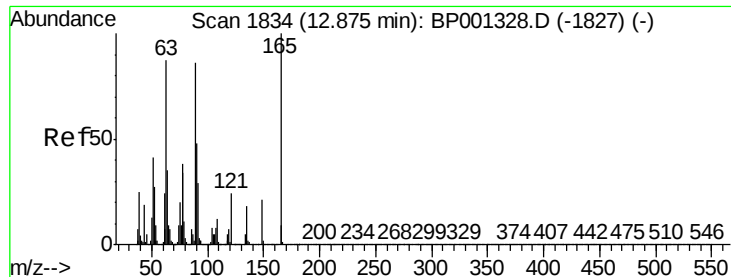


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

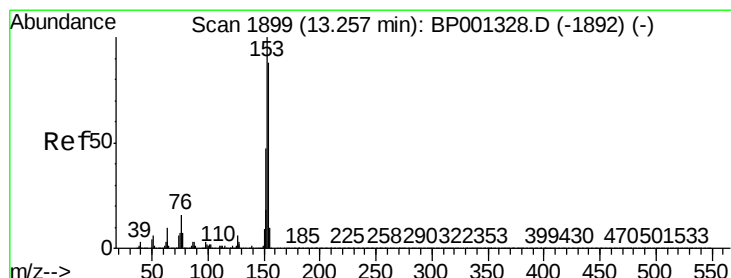
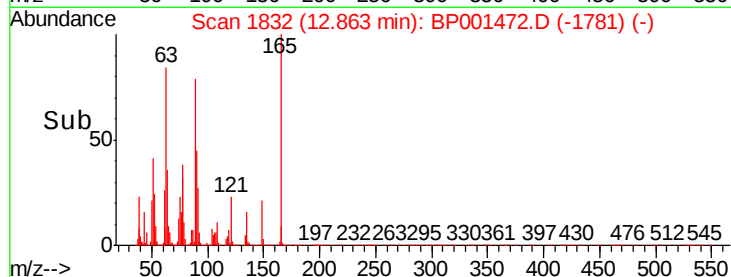
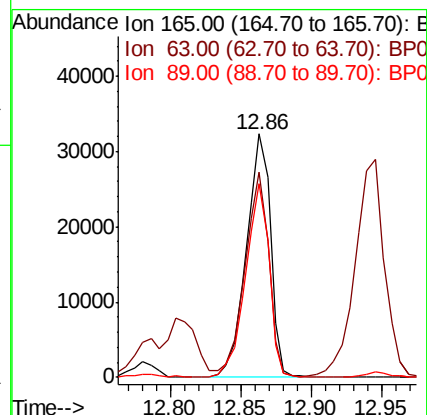
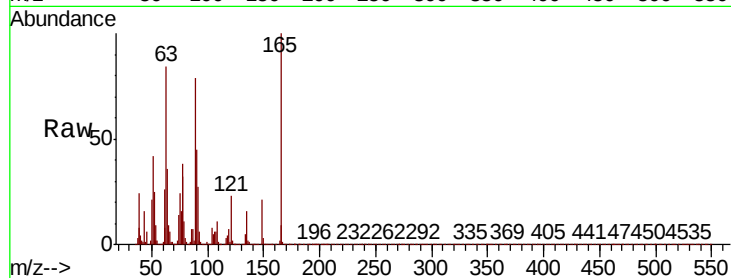




#51
2,6-Dinitrotoluene
Concen: 47.365 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

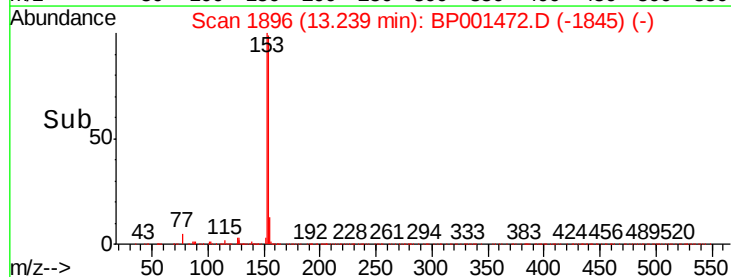
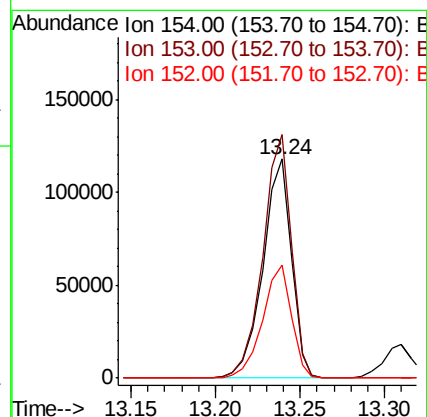
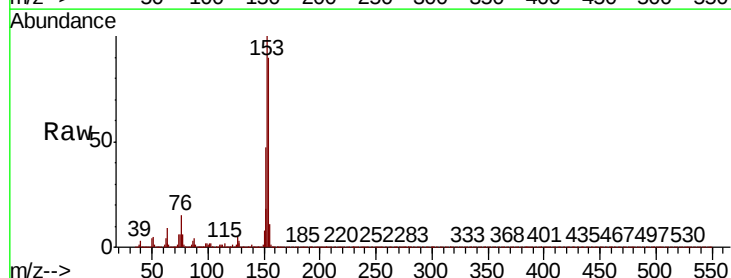
Instrument :
BNA_P
ClientSampleId :

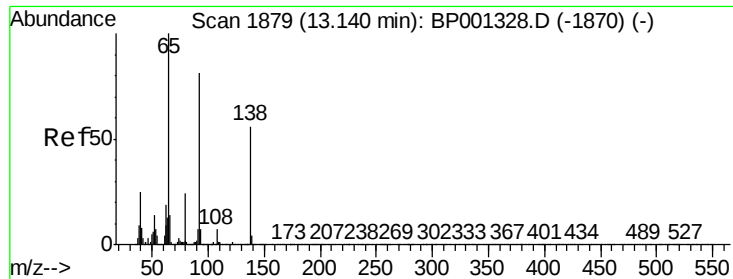
Tot Ion:165 Resp: 38792
Ion Ratio Lower Upper
165 100
63 84.3 60.7 91.1
89 79.5 55.4 83.0



#52
Acenaphthene
Concen: 47.247 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:154 Resp: 138409
Ion Ratio Lower Upper
154 100
153 111.1 90.1 135.1
152 51.8 41.8 62.6

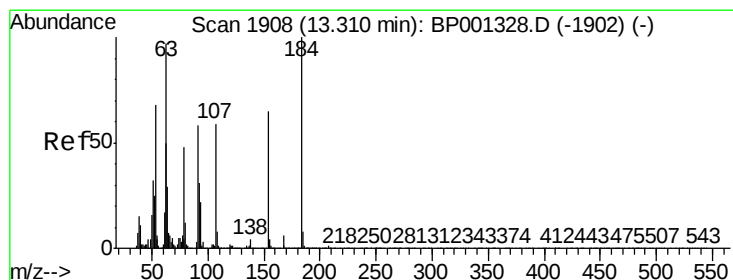
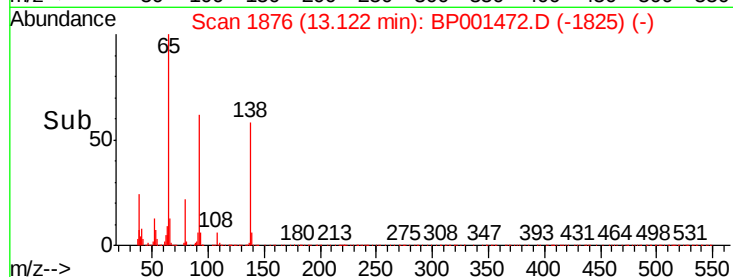
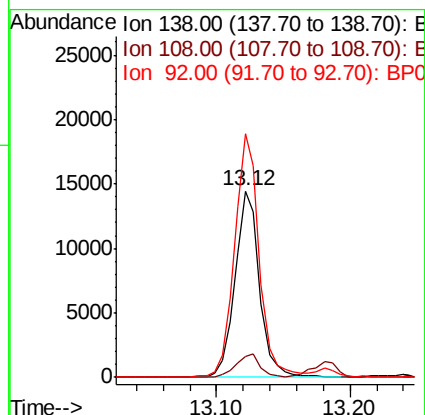
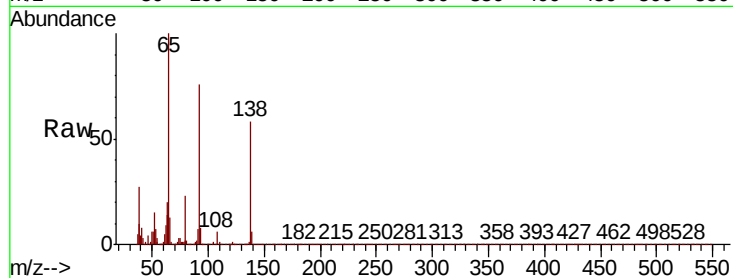




#53
3-Nitroaniline
Concen: 21.089 ng
RT: 13.12 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

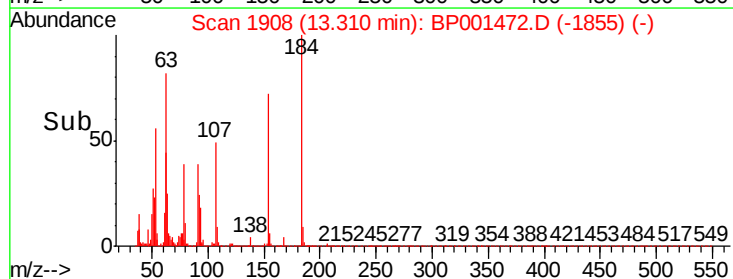
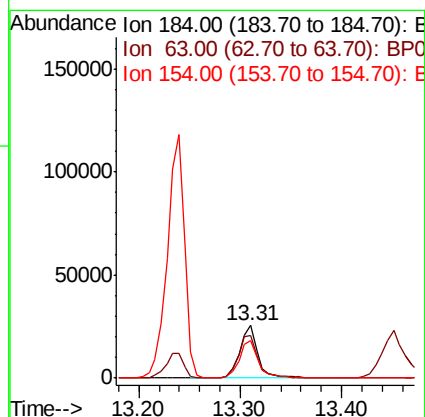
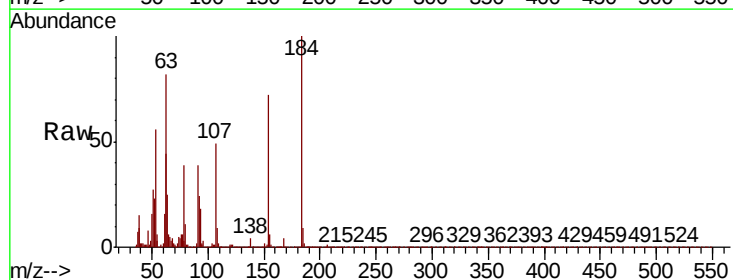
Instrument :
BNA_P
ClientSampleId :

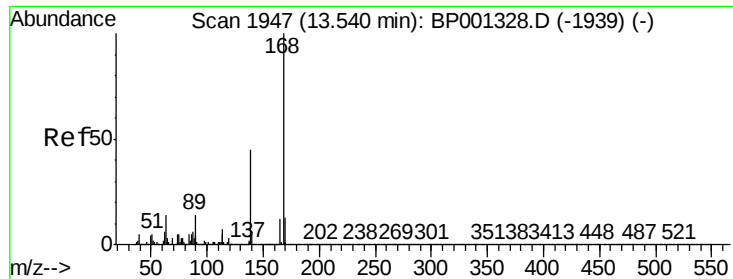
Tot Ion:138 Resp: 18538
Ion Ratio Lower Upper
138 100
108 11.0 10.0 15.0
92 130.7 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 99.991 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:184 Resp: 31622
Ion Ratio Lower Upper
184 100
63 82.0 69.5 104.3
154 72.0 58.5 87.7

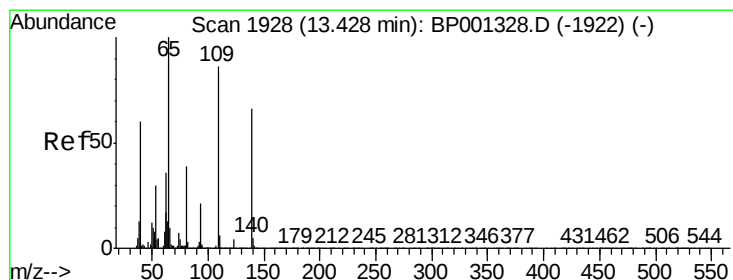
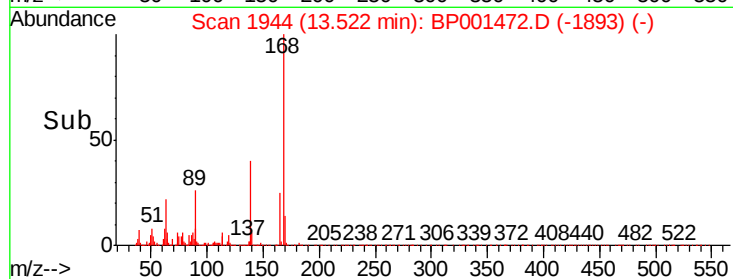
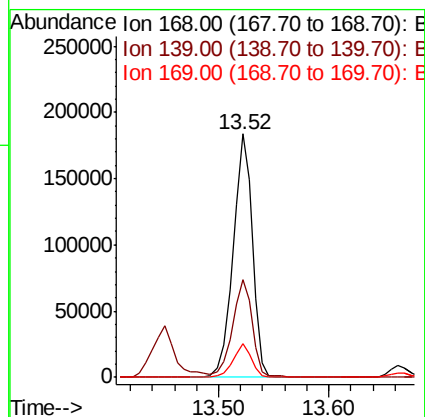
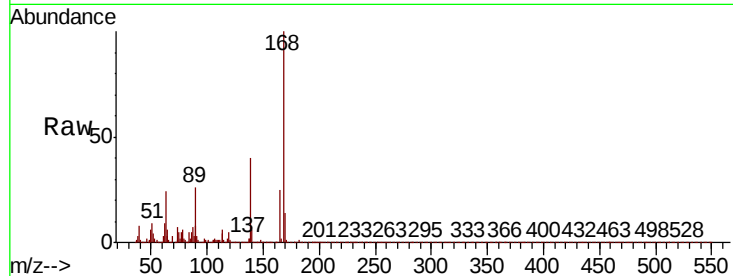




#55
Dibenzofuran
Concen: 48.794 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

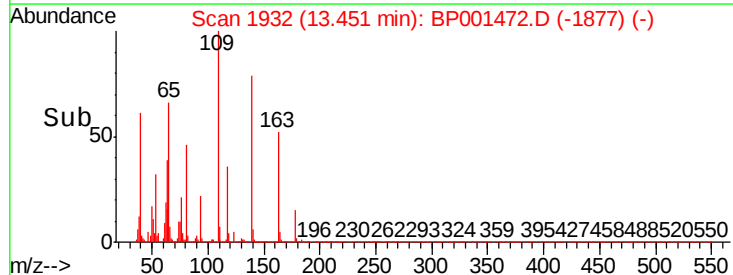
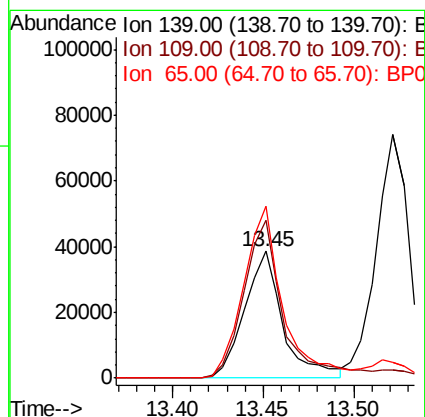
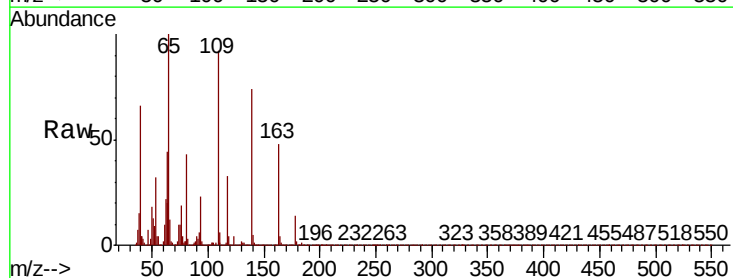
Instrument :
BNA_P
ClientSampleId :

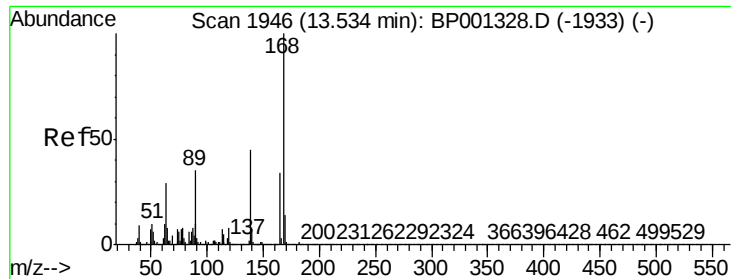
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.0	49.4
169	13.7	10.6	16.0



#56
4-Nitrophenol
Concen: 90.284 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.02 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	124.7	99.7	139.7
65	135.6	115.0	155.0

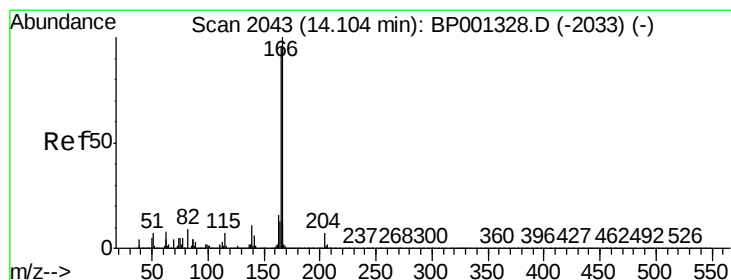
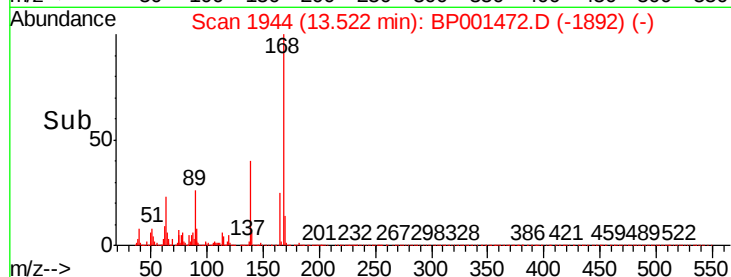
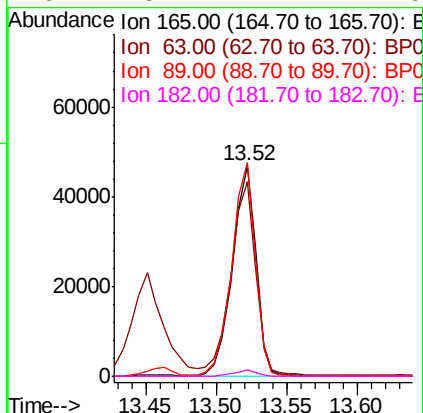
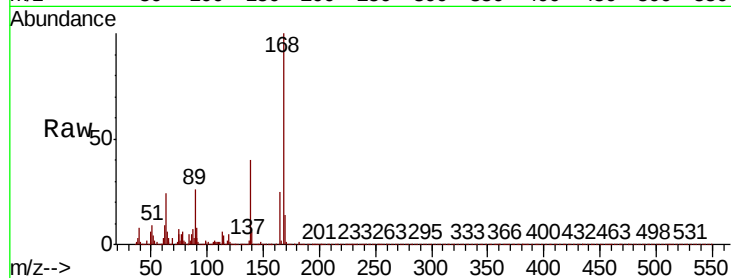




#57
2,4-Dinitrotoluene
Concen: 47.862 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

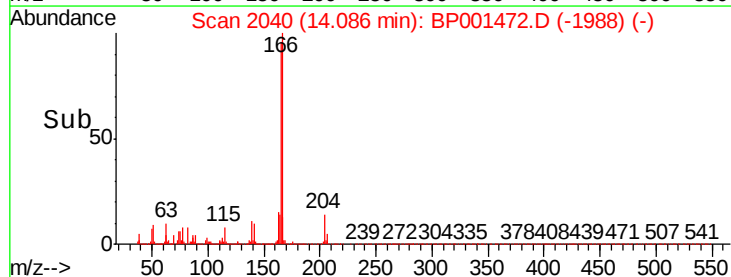
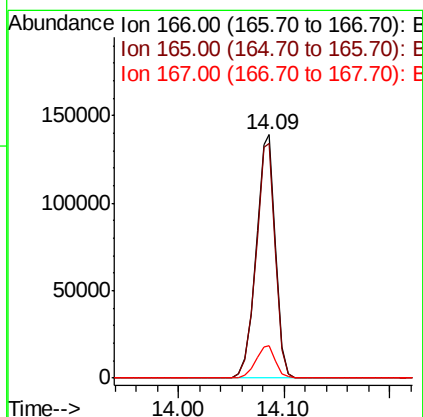
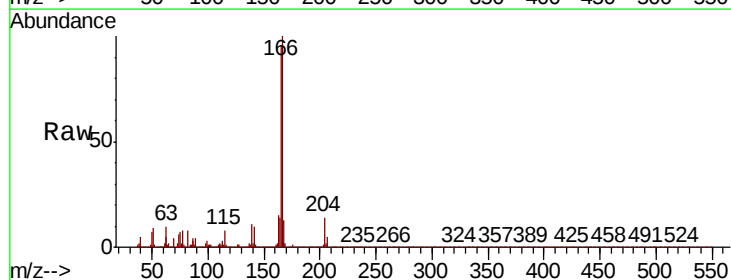
Instrument :
BNA_P
ClientSampleId :

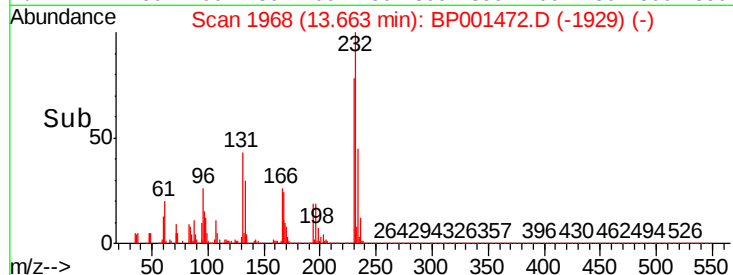
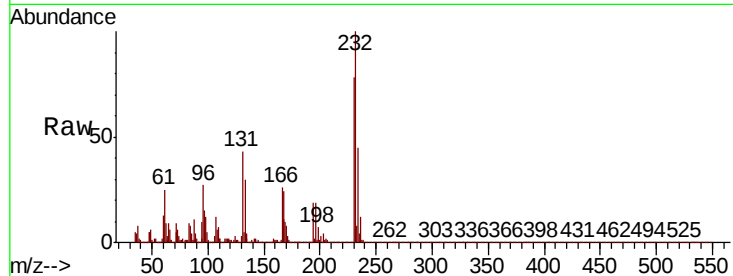
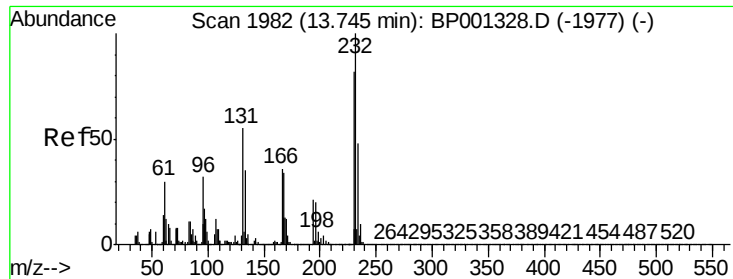
Tot Ion:165 Resp: 54482
Ion Ratio Lower Upper
165 100
63 92.8 66.6 100.0
89 101.7 79.5 119.3
182 3.2 1.7 2.5#



#58
Fluorene
Concen: 48.448 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:166 Resp: 177859
Ion Ratio Lower Upper
166 100
165 96.4 76.6 114.8
167 13.4 11.0 16.4

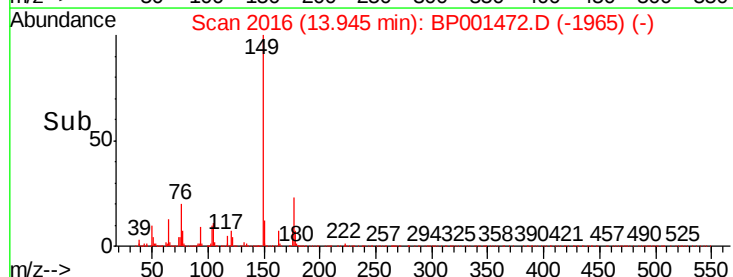
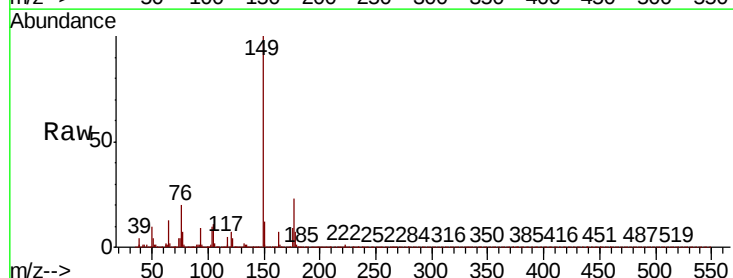
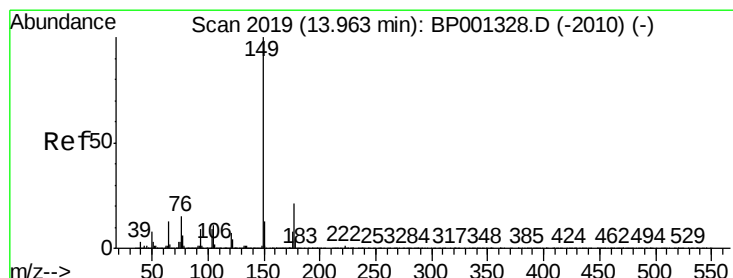
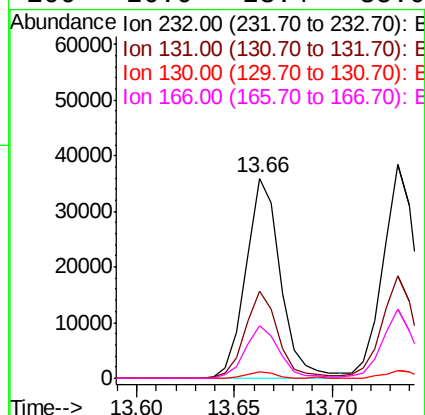




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.054 ng
RT: 13.66 min Scan# 1968
Delta R.T. -0.07 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

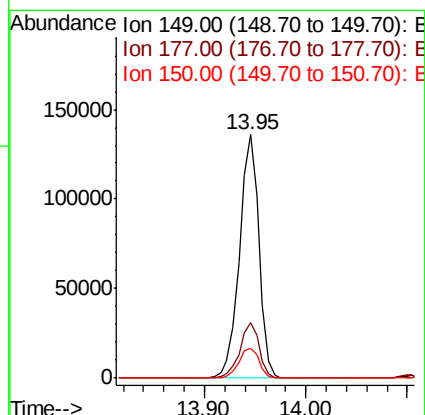
Instrument :
BNA_P
ClientSampled :

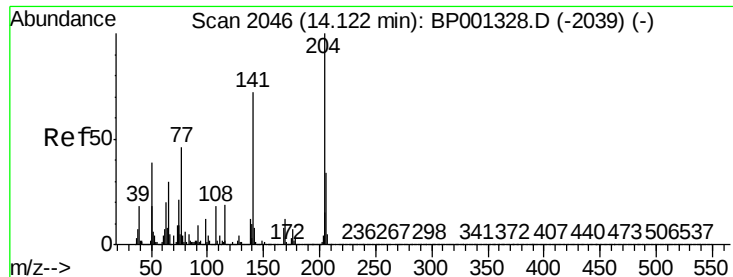
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.6	2.1	3.1
166	26.0	23.4	35.0



#60
Diethylphthalate
Concen: 43.249 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.6
150	12.1	9.7	14.5

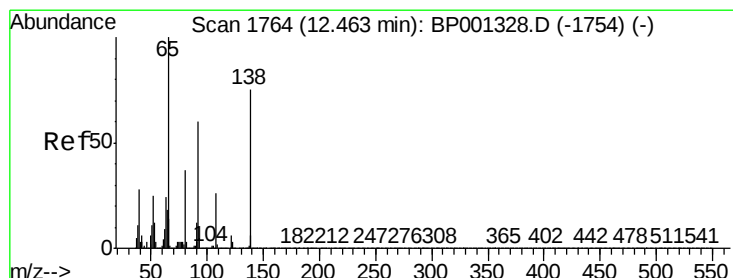
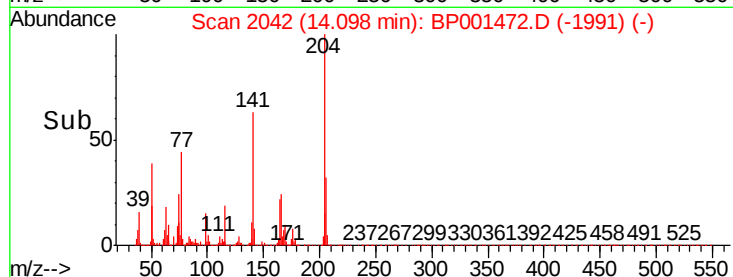
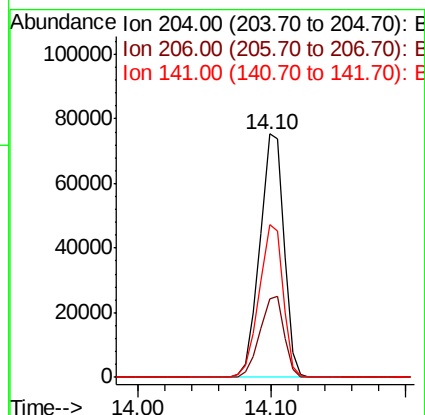
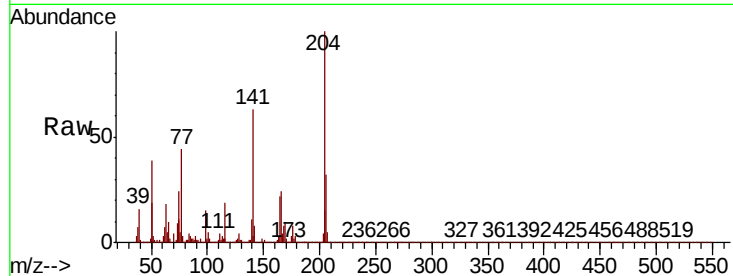




#61
4-Chlorophenyl-phenylether
Concen: 48.379 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

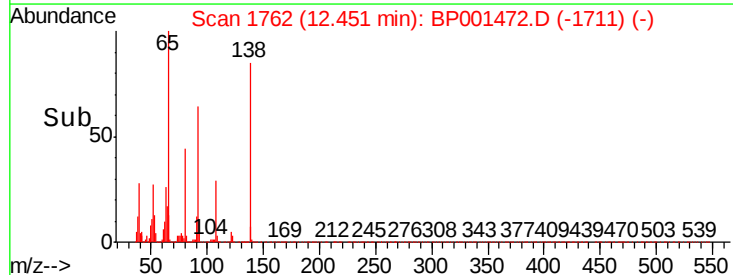
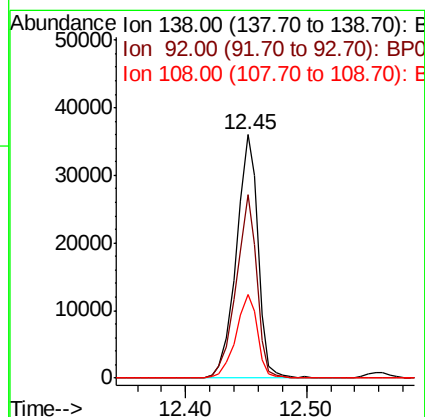
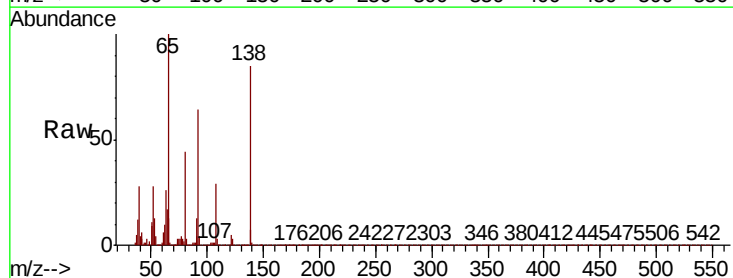
Instrument :
BNA_P
ClientSampled :

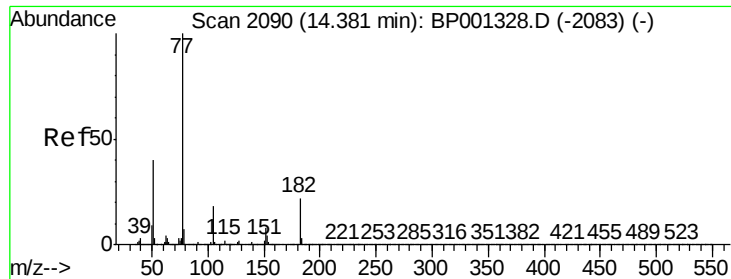
Tot Ion:204 Resp: 93362
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 62.7 50.6 75.8



#62
4-Nitroaniline
Concen: 44.414 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:138 Resp: 45212
Ion Ratio Lower Upper
138 100
92 75.2 45.4 85.4
108 34.2 11.4 51.4

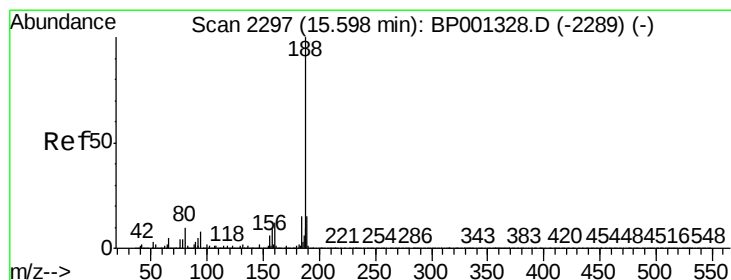
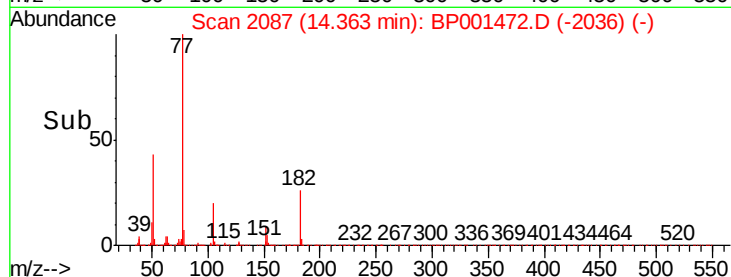
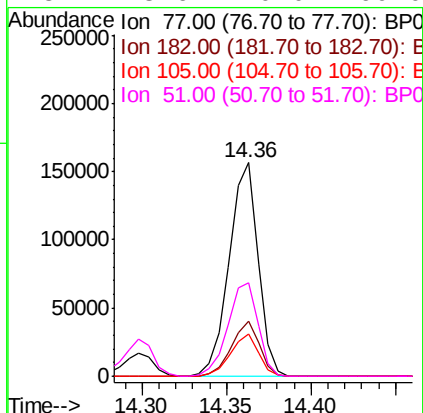
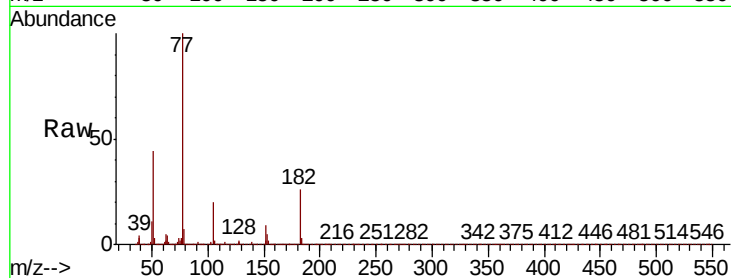




#63
Azobenzene
Concen: 42.582 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

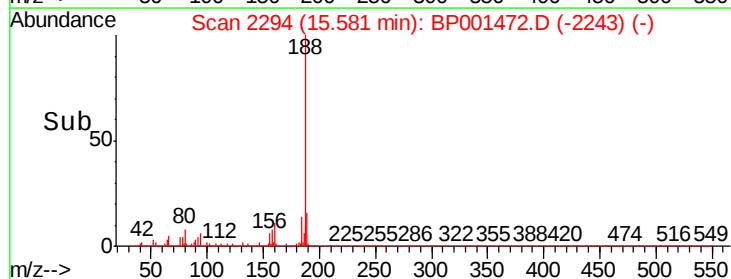
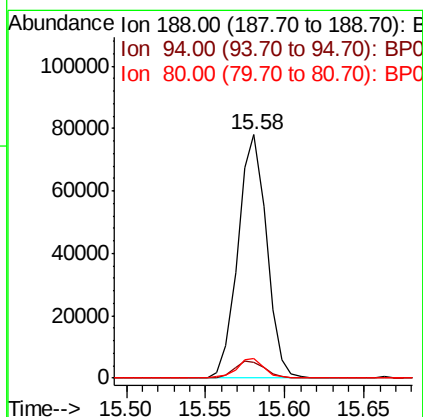
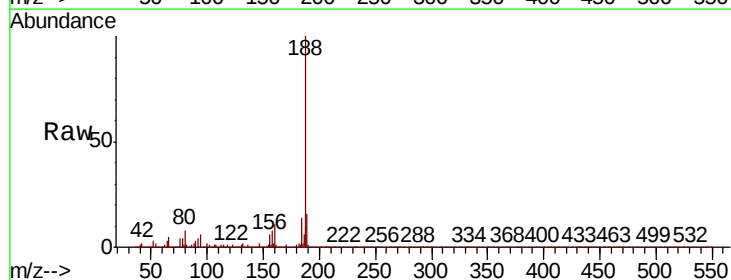
Instrument :
BNA_P
ClientSampleId :

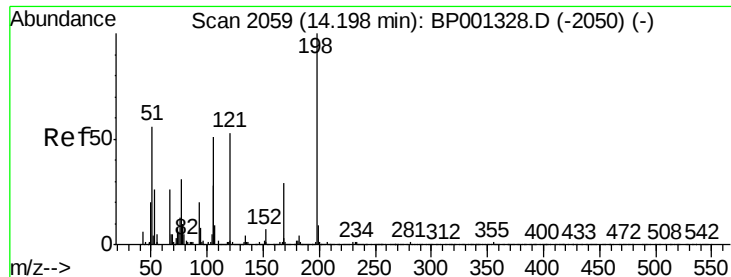
Tot Ion:	77	Resp:	186496
Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.8	45.8
105	19.6	0.0	38.8
51	43.6	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:	188	Resp:	97674
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	8.2	5.7	8.5

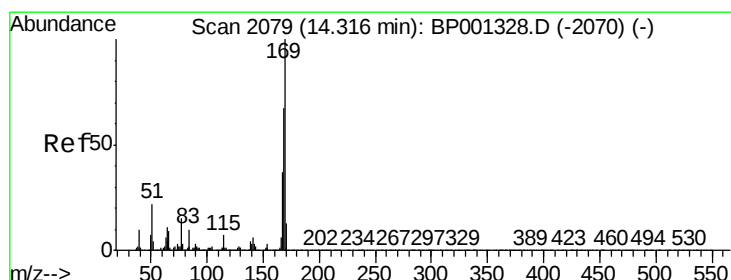
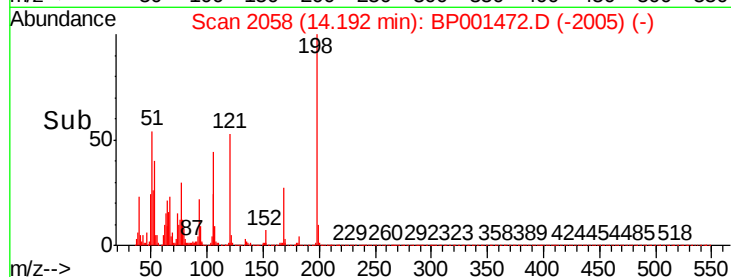
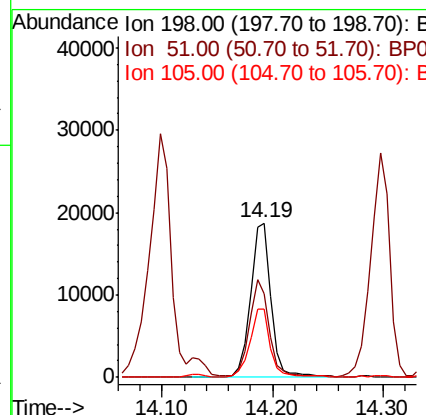
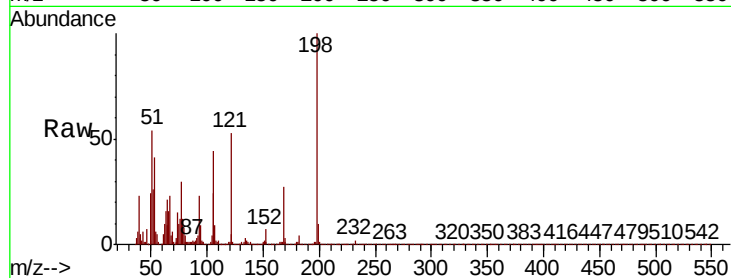




#65
4,6-Dinitro-2-methylphenol
Concen: 55.742 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

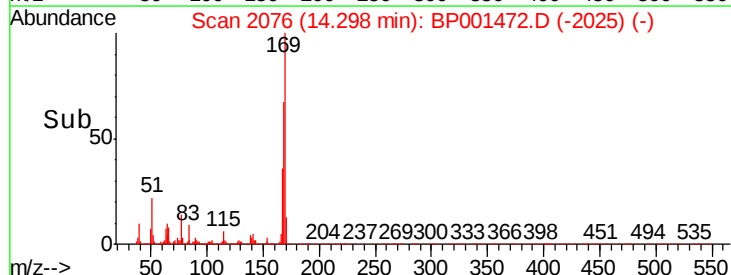
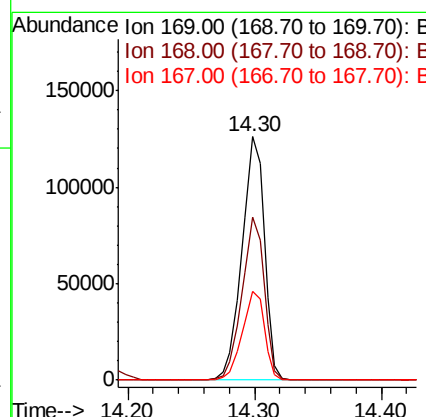
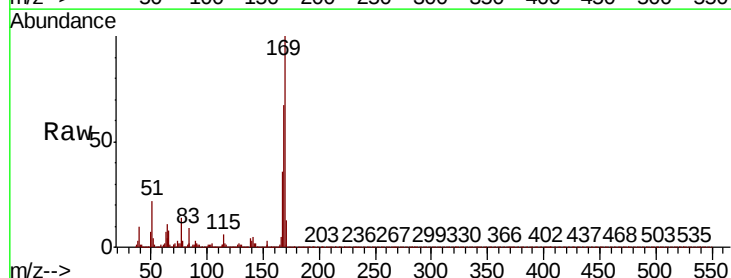
Instrument :
BNA_P
ClientSampleId :

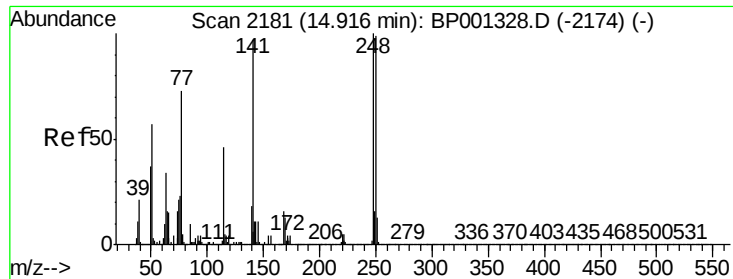
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.4	42.2	82.2
105	44.1	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 49.524 ng
RT: 14.30 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.2
167	36.4	29.3	43.9

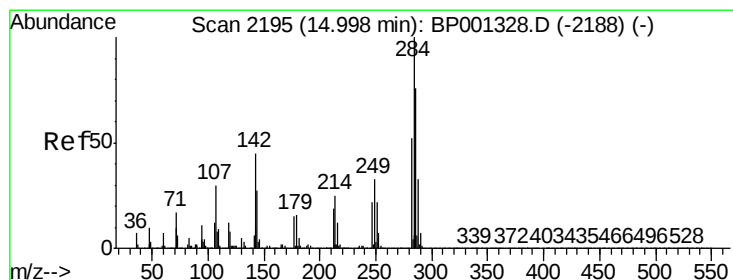
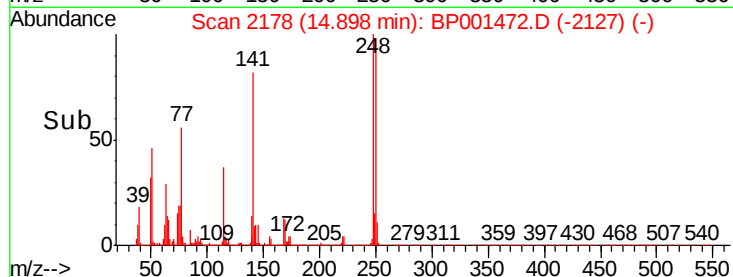
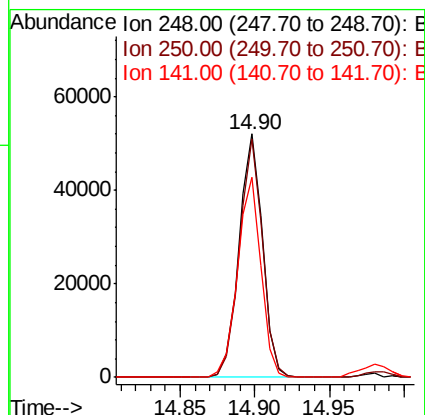
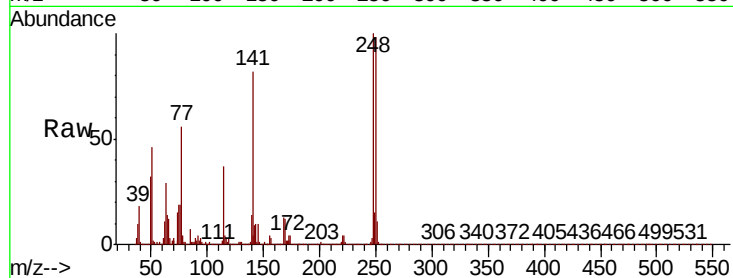




#67
4-Bromophenyl-phenylether
Concen: 49.488 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

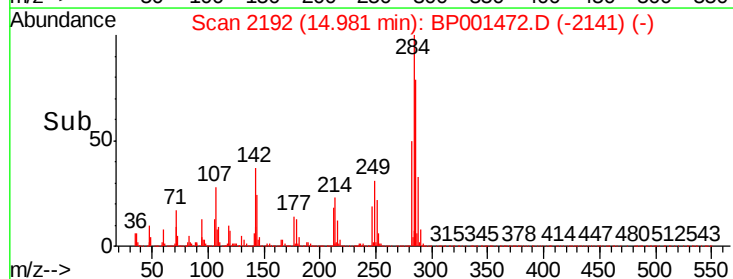
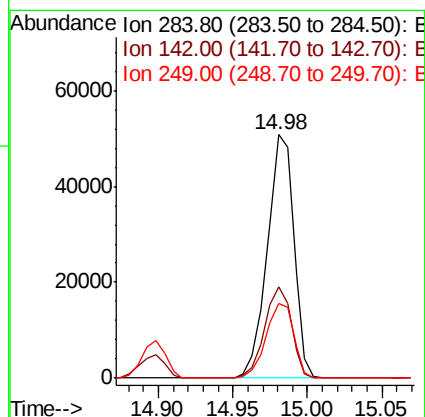
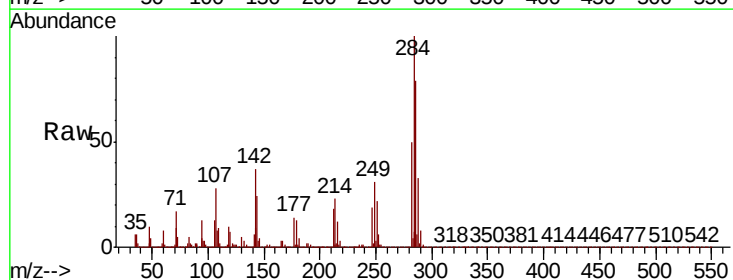
Instrument :
BNA_P
ClientSampleId :

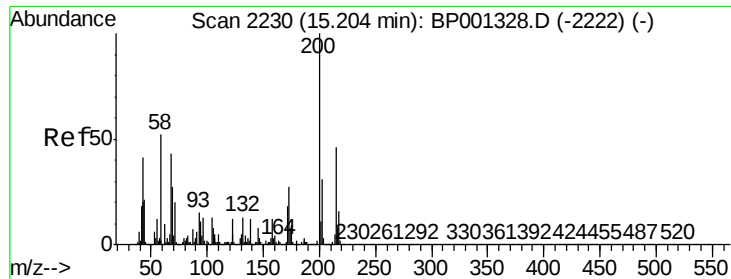
Tot Ion:248 Resp: 57149
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 82.0 60.7 91.1



#68
Hexachlorobenzene
Concen: 47.592 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:284 Resp: 62567
Ion Ratio Lower Upper
284 100
142 37.3 28.7 43.1
249 30.6 27.0 40.4





#69

Atrazine

Concen: 51.023 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

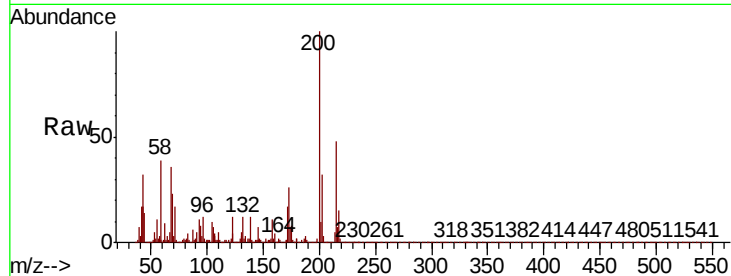
Tot Ion:200 Resp: 56751

Ion Ratio Lower Upper

200 100

173 26.0 3.9 43.9

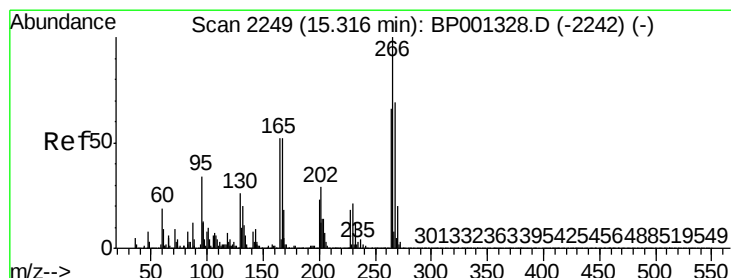
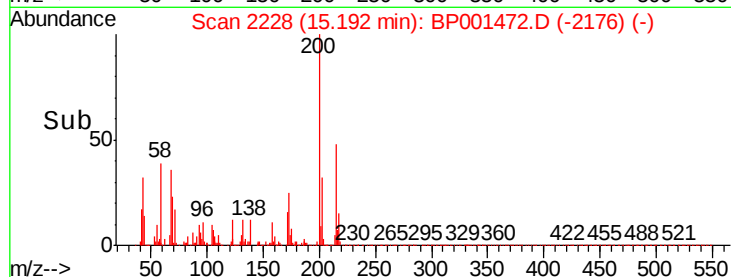
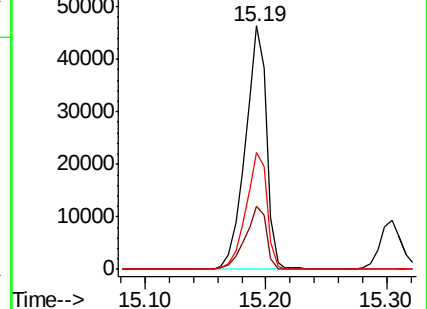
215 47.9 26.1 66.1



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: 98.750 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

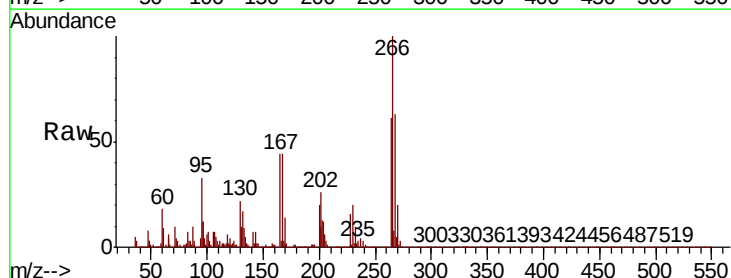
Tgt Ion:266 Resp: 66576

Ion Ratio Lower Upper

266 100

268 63.4 57.0 85.4

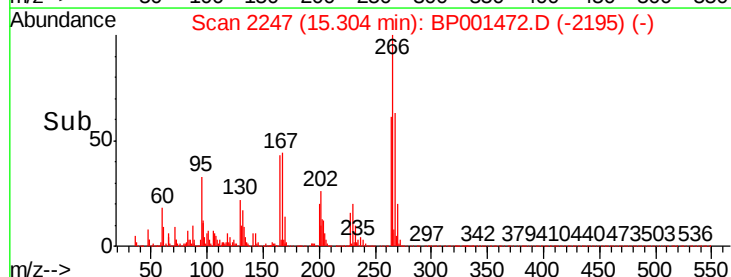
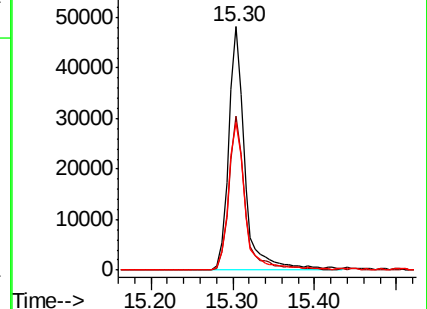
264 60.7 50.8 76.2

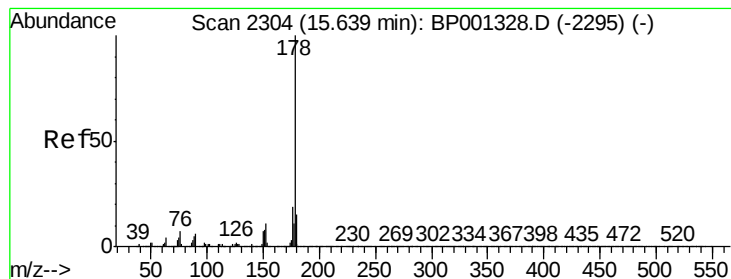


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.787 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

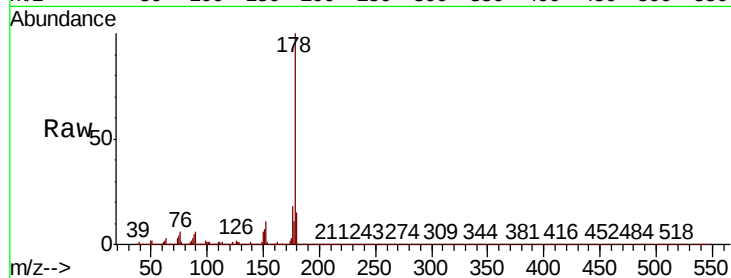
Tot Ion:178 Resp: 288589

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.0

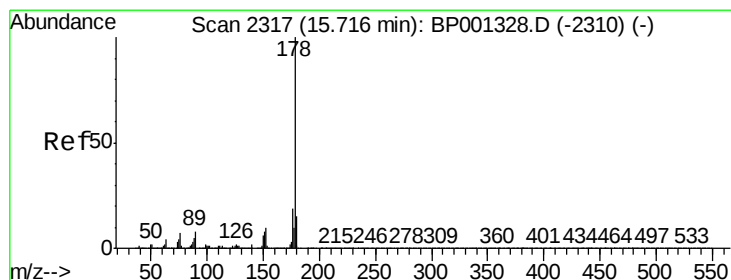
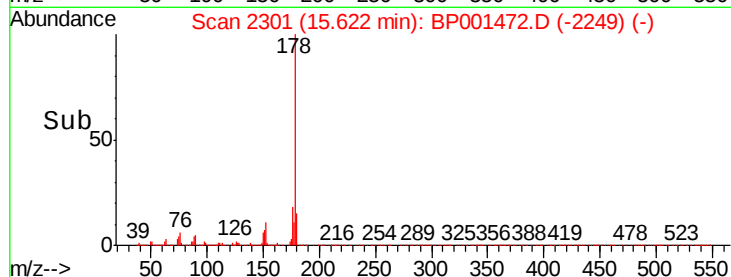
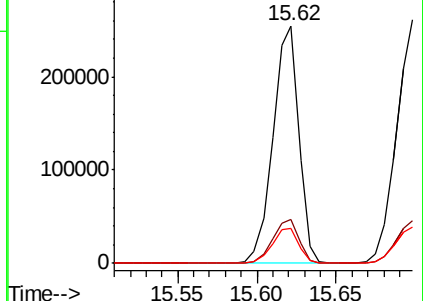
179 14.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.658 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

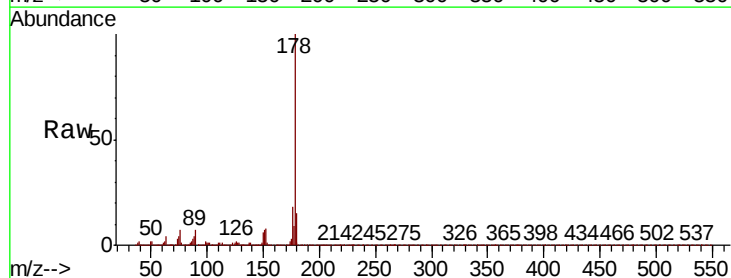
Tgt Ion:178 Resp: 284971

Ion Ratio Lower Upper

178 100

176 17.5 14.5 21.7

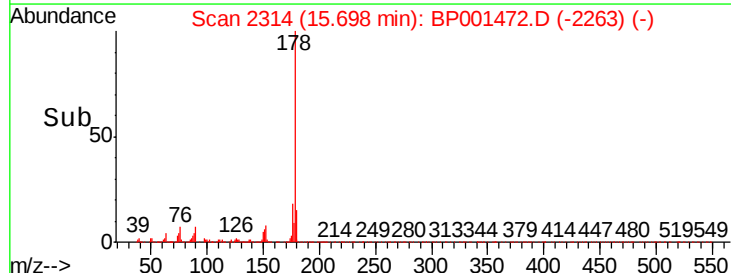
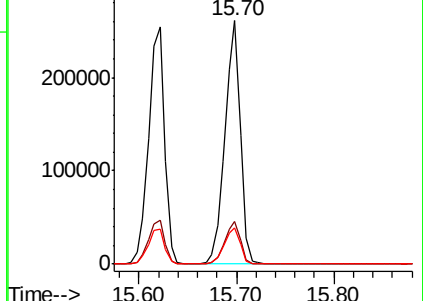
179 14.6 11.8 17.8

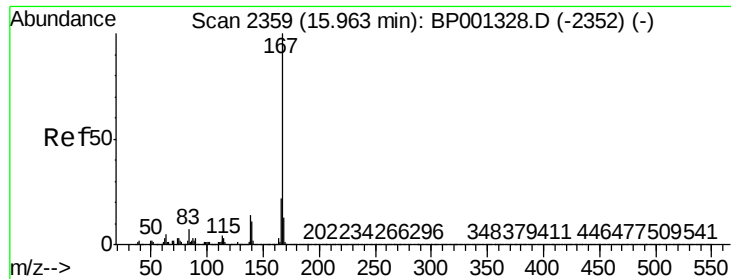


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

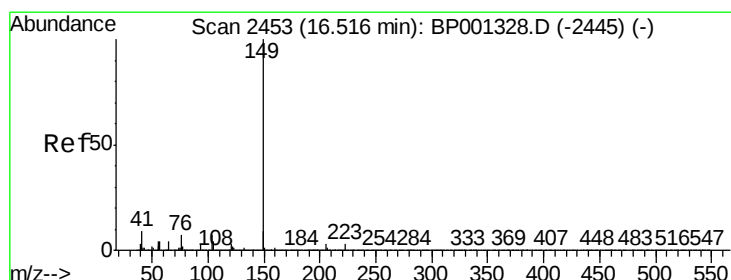
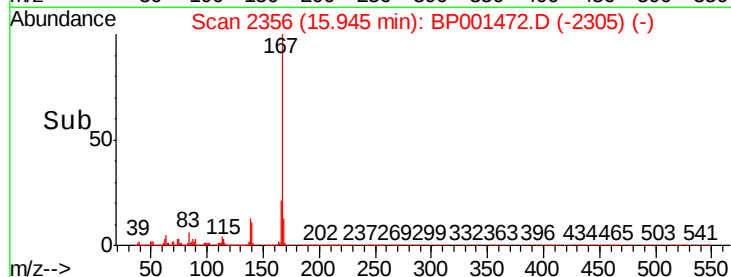
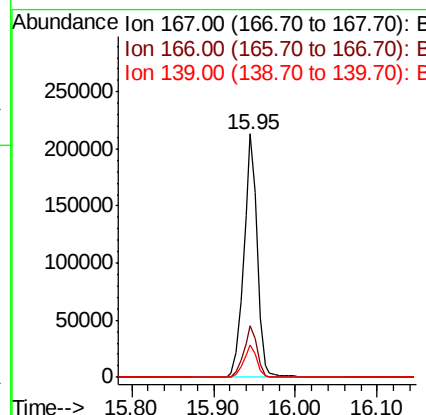
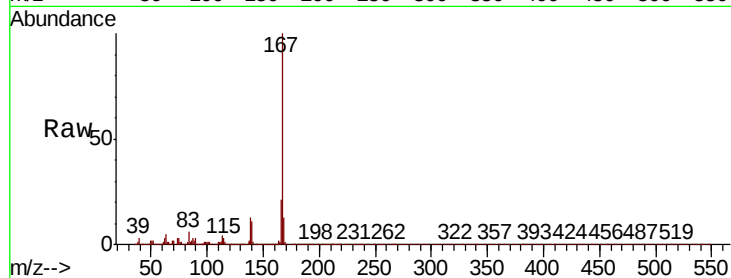




#73
 Carbazole
 Concen: 49.329 ng
 RT: 15.95 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

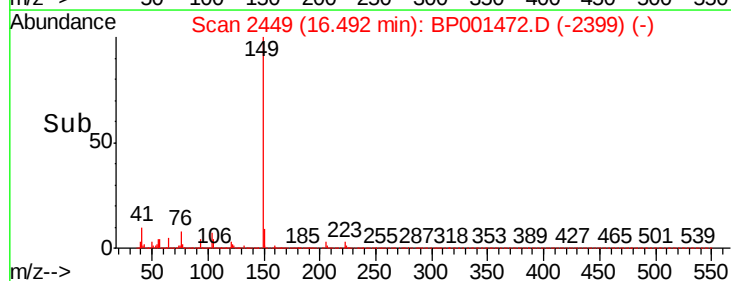
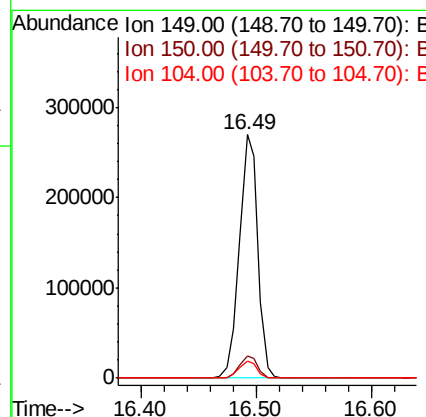
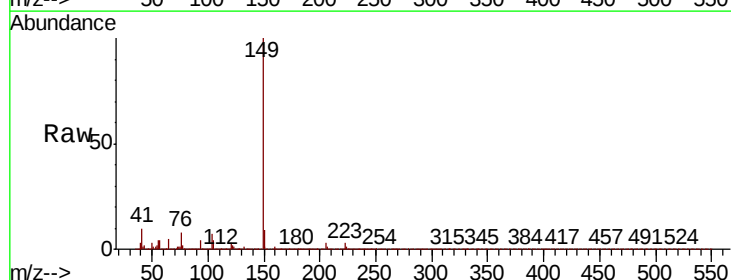
Instrument :
 BNA_P
 ClientSampled :

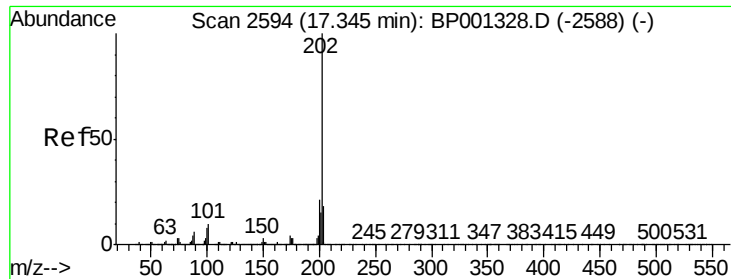
Tot Ion:167 Resp: 242614
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.894 ng
 RT: 16.49 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

Tgt Ion:149 Resp: 296257
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 7.2 5.2 7.8





#75

Fluoranthene

Concen: 51.779 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

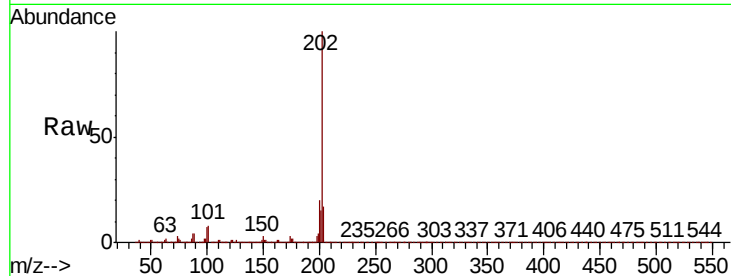
Tot Ion:202 Resp: 322639

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.7

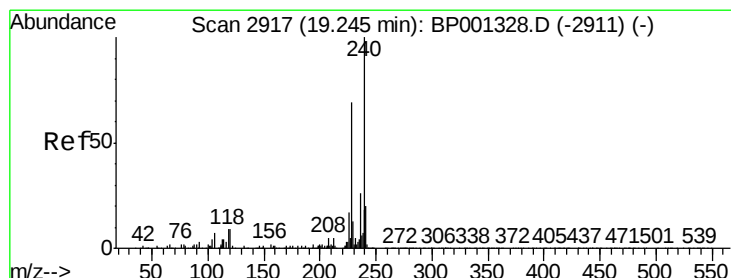
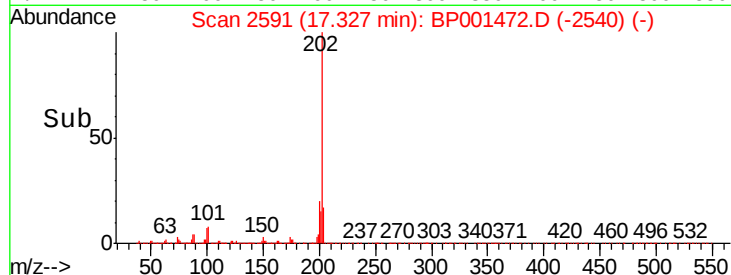
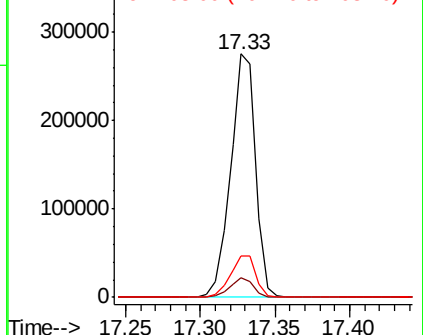
203 17.1 0.0 37.4



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: 19.23 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

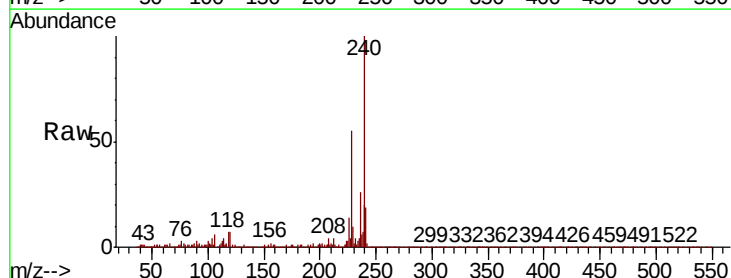
Tgt Ion:240 Resp: 81283

Ion Ratio Lower Upper

240 100

120 7.1 6.2 9.2

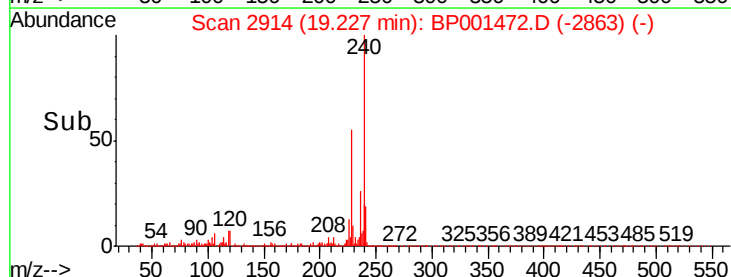
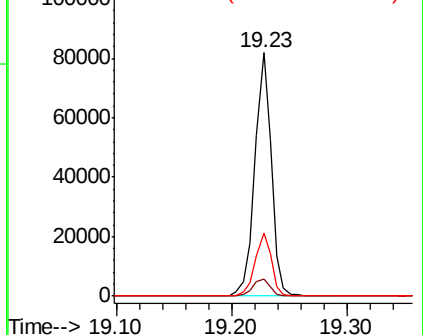
236 25.7 20.2 30.2

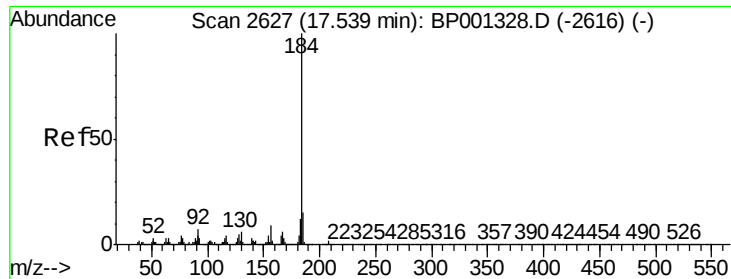


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.204 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

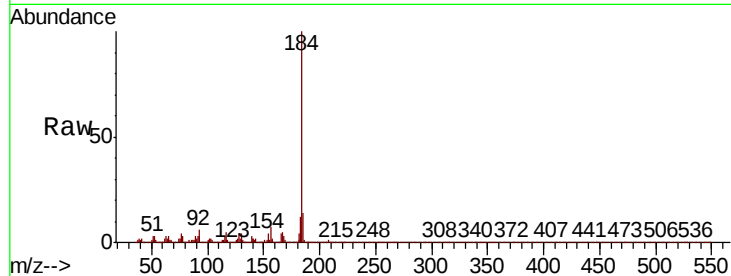
Tot Ion:184 Resp: 149577

Ion Ratio Lower Upper

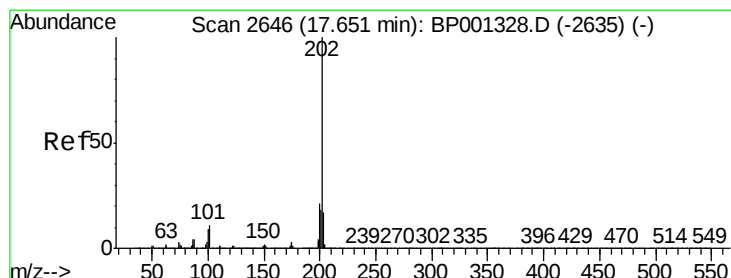
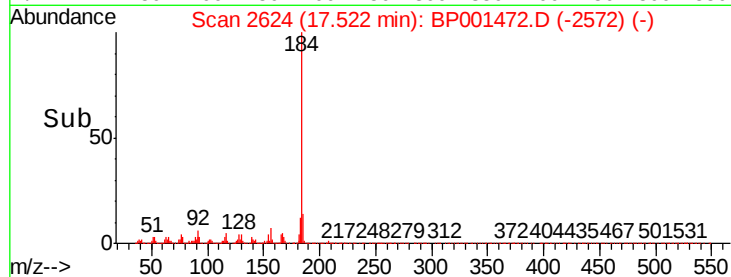
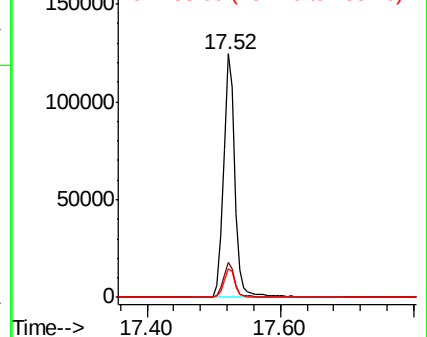
184 100

185 14.4 11.8 17.8

183 11.8 9.6 14.4



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: 51.101 ng

RT: 17.63 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

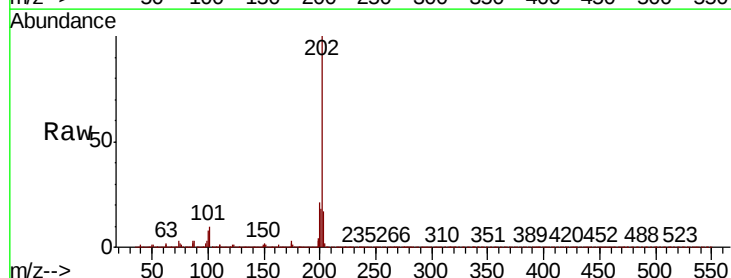
Tgt Ion:202 Resp: 322505

Ion Ratio Lower Upper

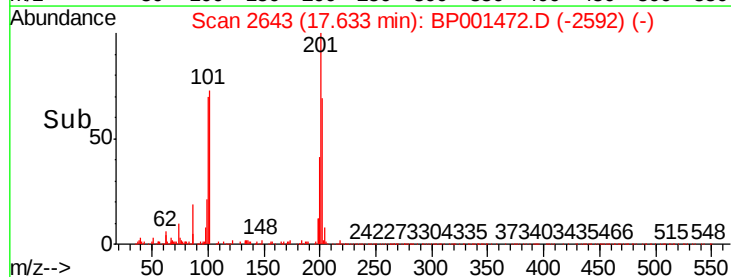
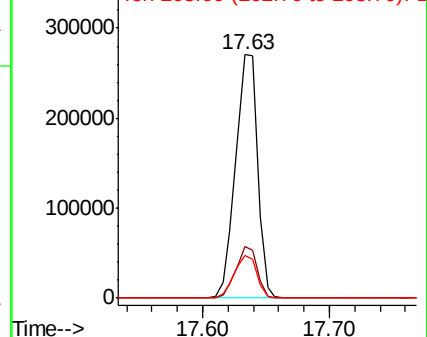
202 100

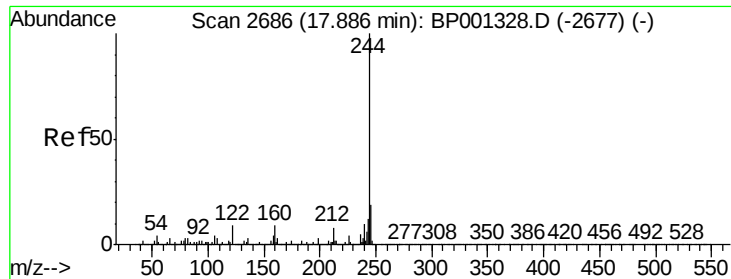
200 21.3 16.6 25.0

203 17.3 14.3 21.5



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

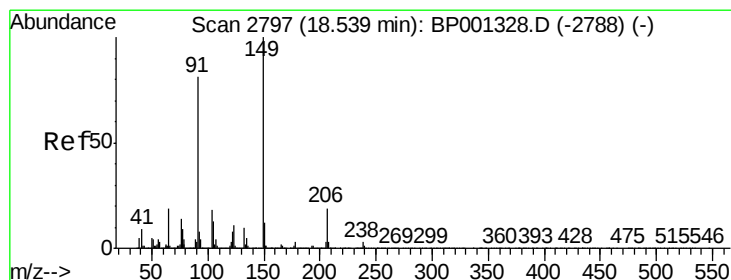
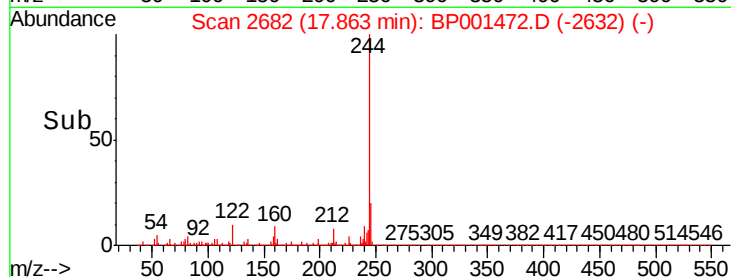
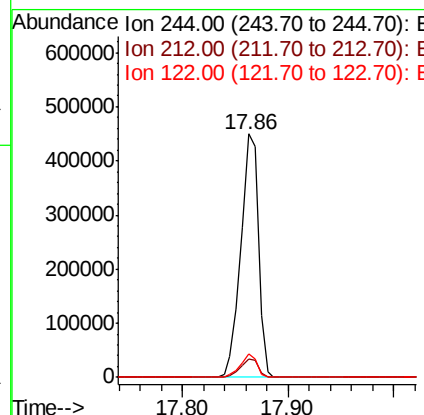
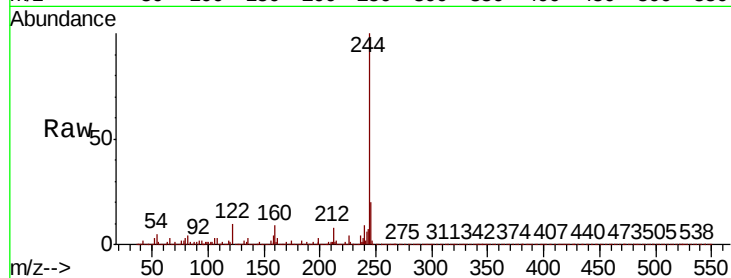




#79
 Terphenyl-d14
 Concen: 108.300 ng
 RT: 17.86 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

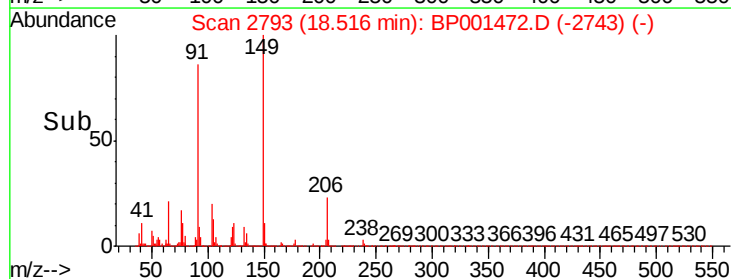
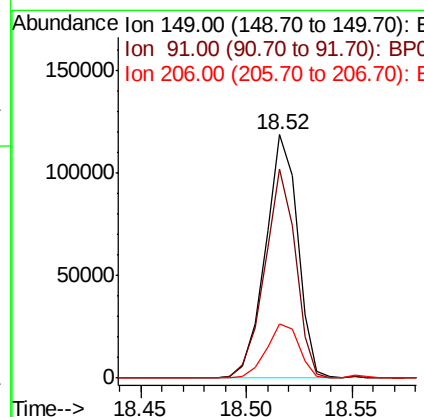
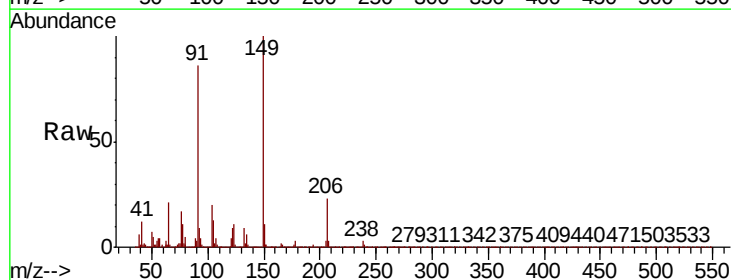
Instrument :
 BNA_P
 ClientSampleId :

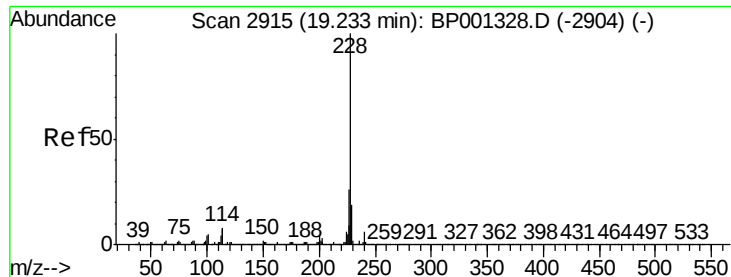
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.6	6.4	9.6#



#80
 Butylbenzylphthalate
 Concen: 42.886 ng
 RT: 18.52 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.9	59.8	89.6
206	22.5	18.3	27.5

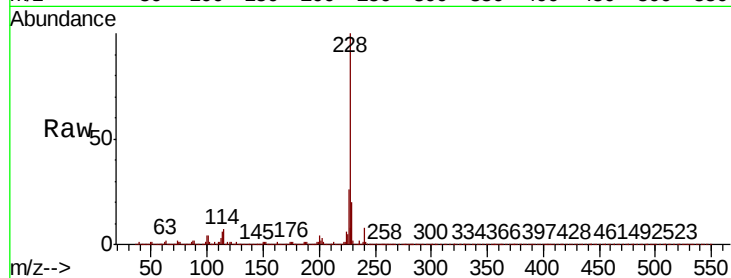




#81
Benzo(a)anthracene
Concen: 48.526 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.4	32.2
229	19.8	15.7	23.5

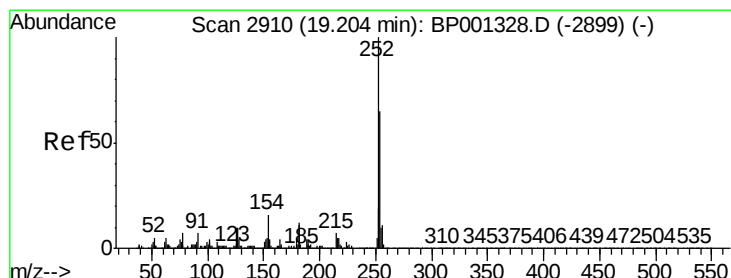
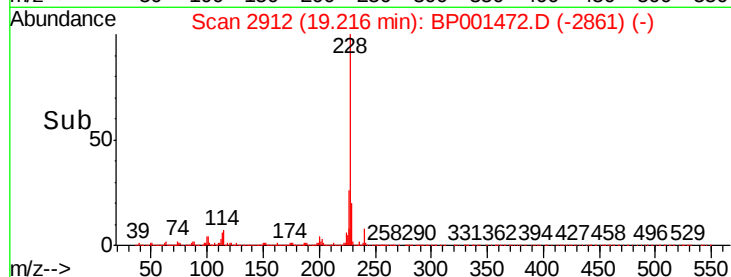
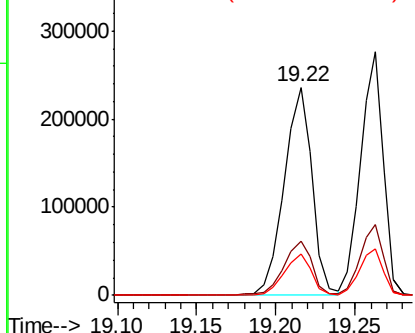


Abundance

Ion 228.00 (227.70 to 228.70): E

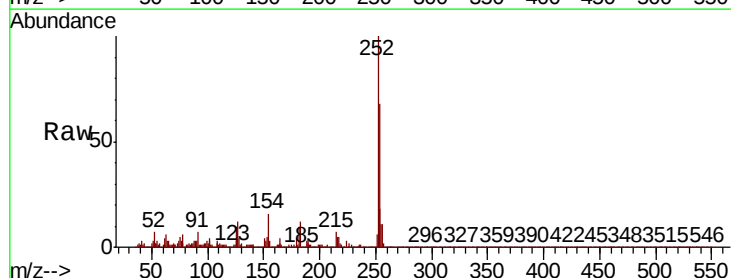
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 36.330 ng
RT: 19.18 min Scan# 2906
Delta R.T. -0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.4	52.3	78.5
126	10.2	7.3	10.9

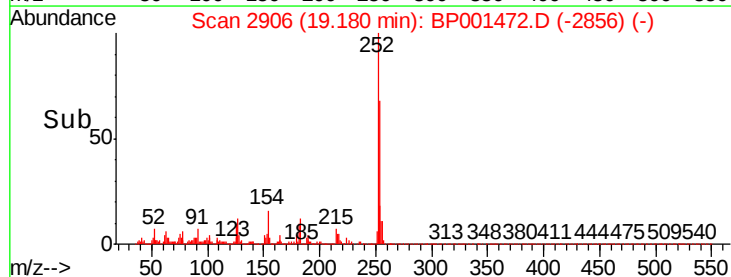
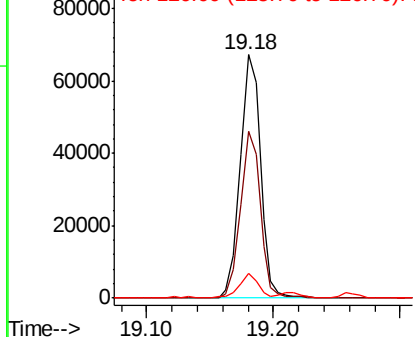


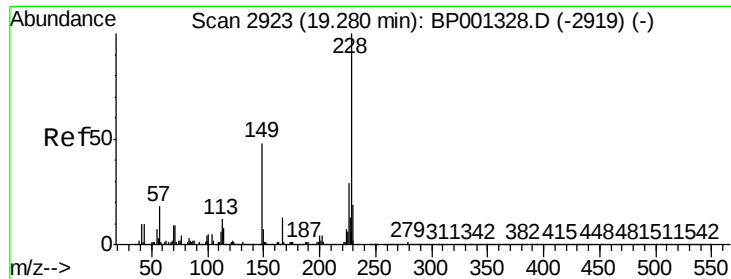
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

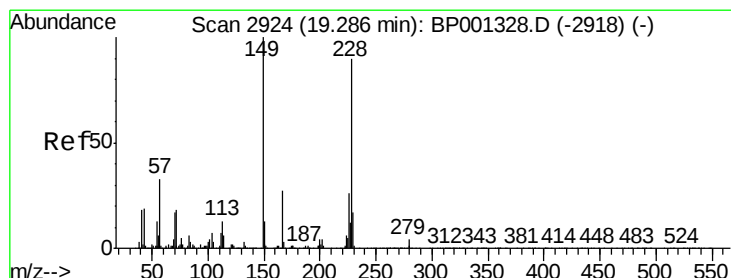
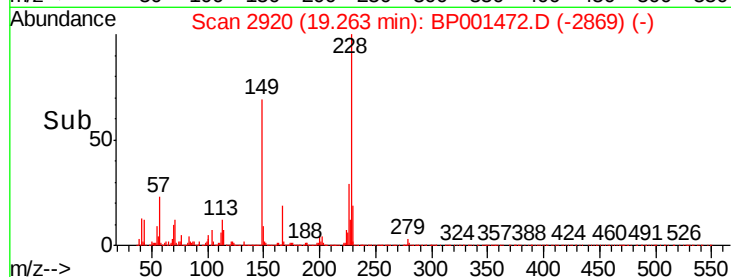
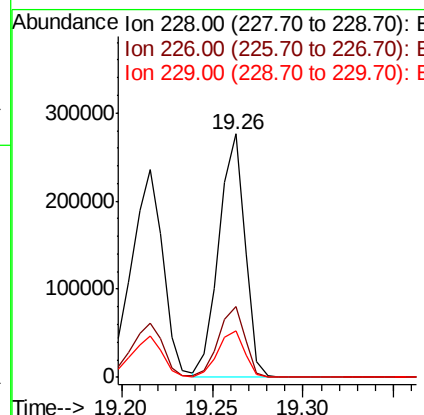
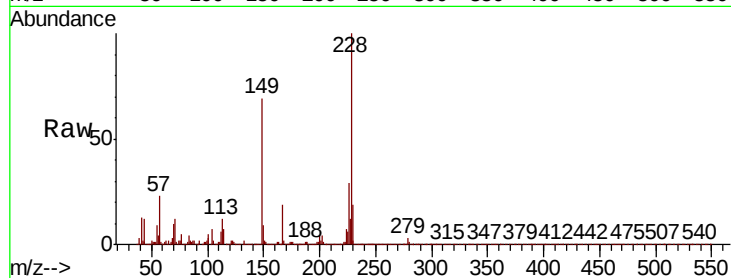




#83
 Chrysene
 Concen: 48.580 ng
 RT: 19.26 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

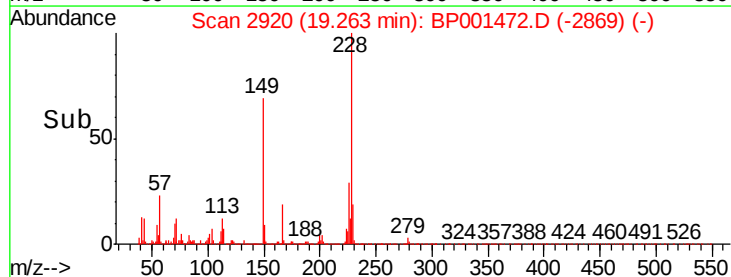
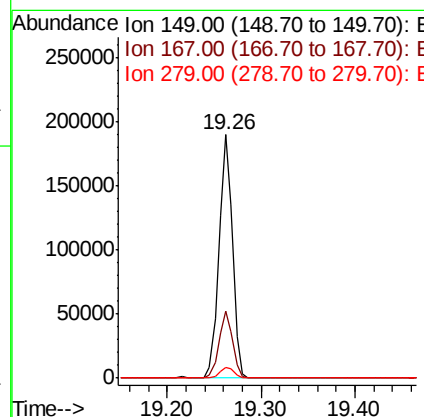
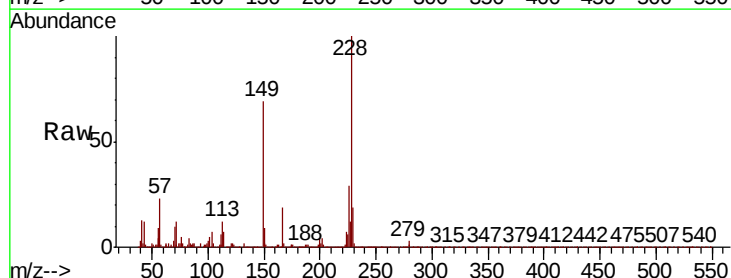
Instrument :
 BNA_P
 ClientSampleId :

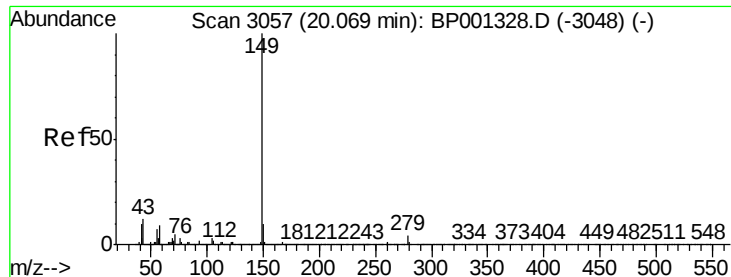
Tot Ion:228 Resp: 277733
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.2
 229 19.0 15.5 23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.489 ng
 RT: 19.26 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BP001472.D
 Acq: 27 Dec 2019 22:16

Tgt Ion:149 Resp: 192082
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.4 32.0
 279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.436 ng

RT: 20.04 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

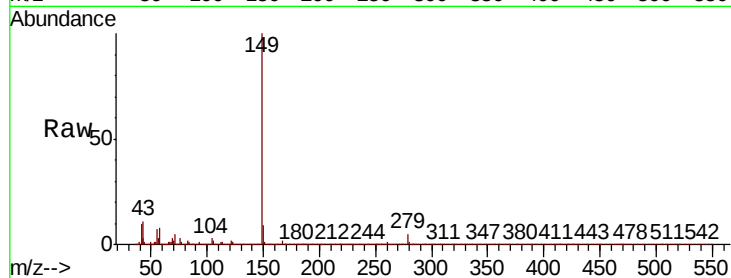
Tot Ion:149 Resp: 310825

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

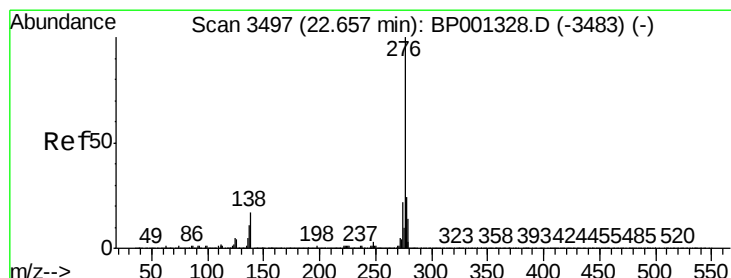
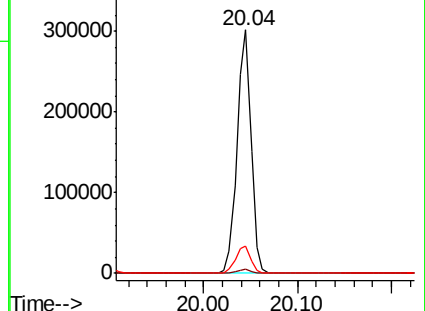
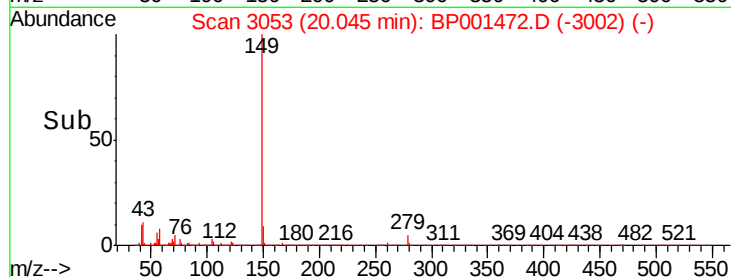
43 12.0 8.6 13.0



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

Indeno(1,2,3-cd)pyrene

Concen: 46.887 ng

RT: 22.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

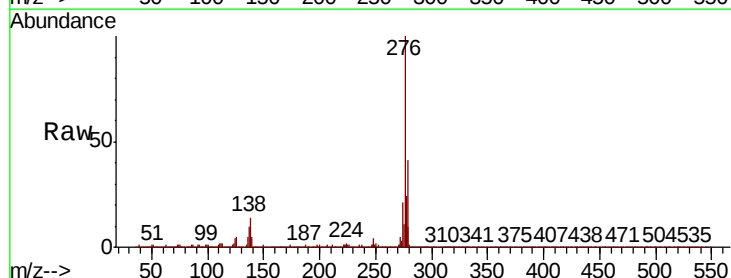
Tgt Ion:276 Resp: 289499

Ion Ratio Lower Upper

276 100

138 16.3 12.8 19.2

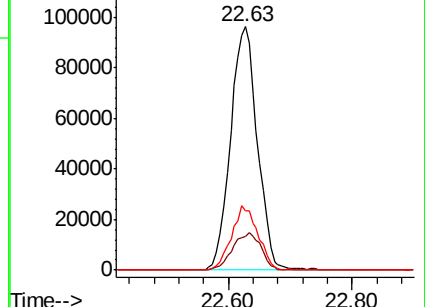
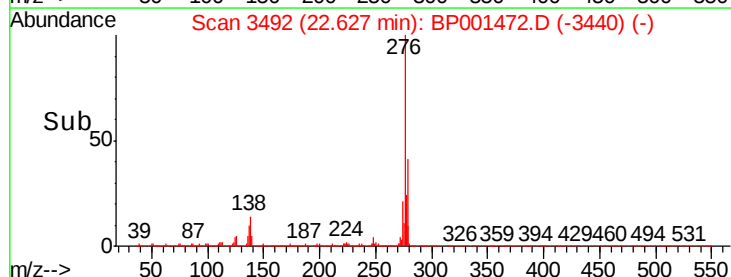
277 26.0 19.9 29.9

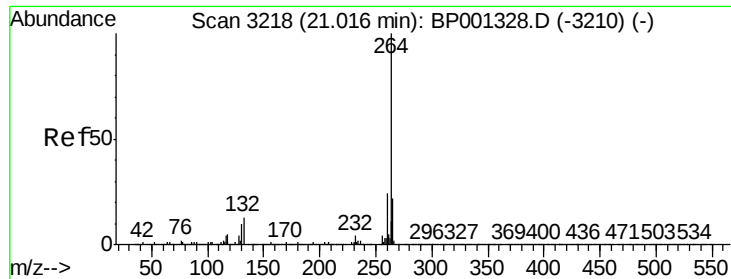


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

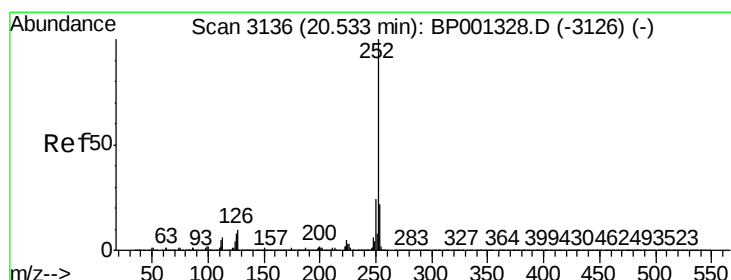
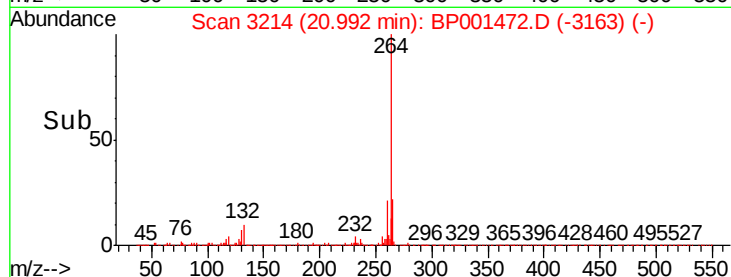
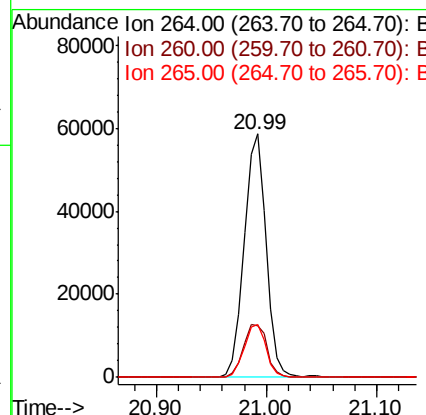
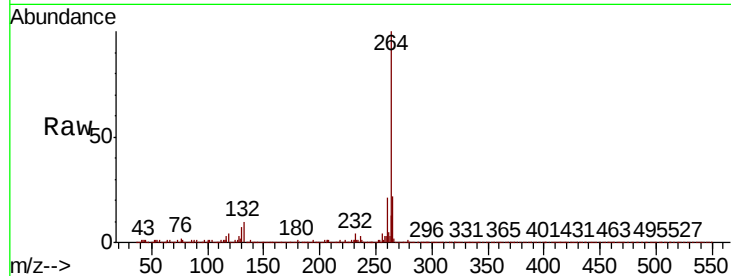




#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

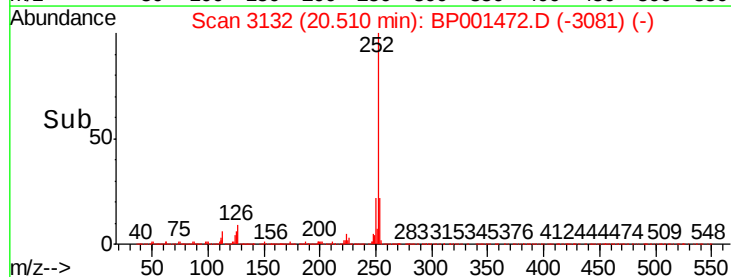
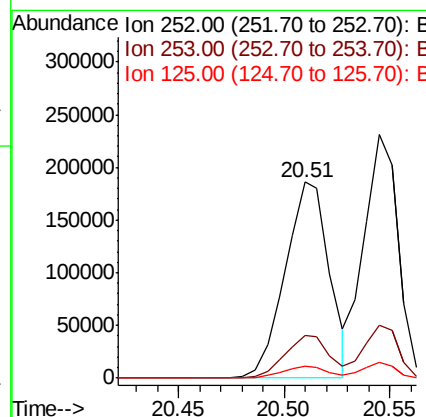
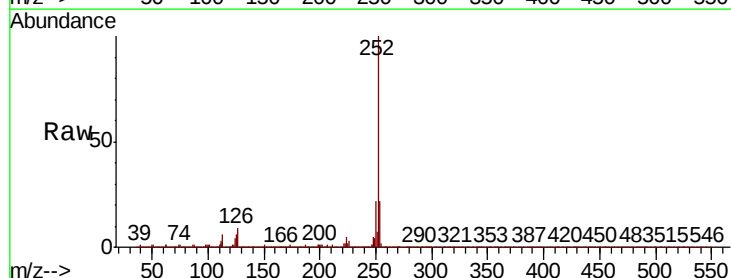
Instrument :
BNA_P
ClientSampleId :

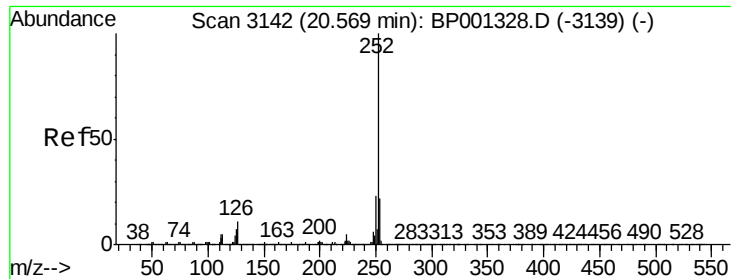
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	19.0	28.4
265	21.7	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 49.874 ng
RT: 20.51 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.3	5.6	8.4

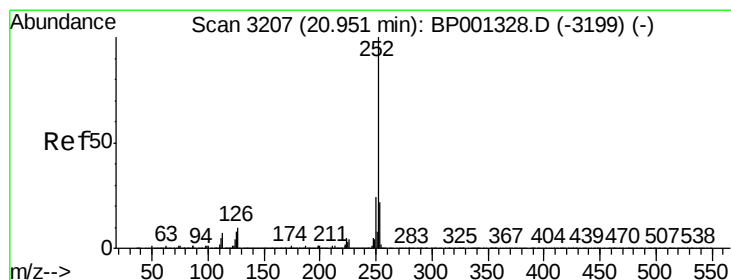
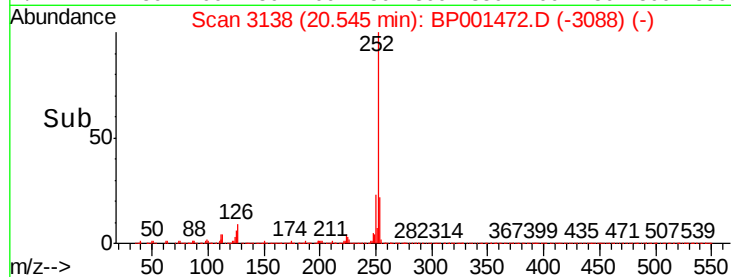
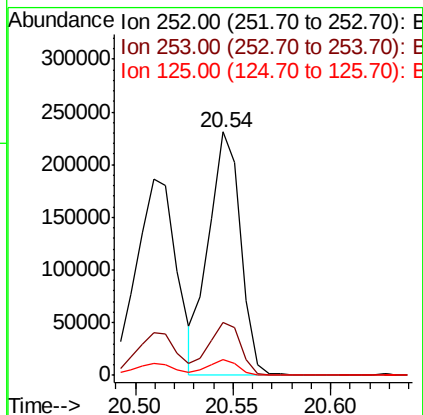
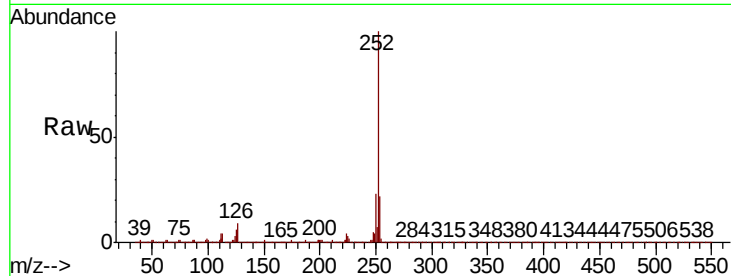




#89
Benzo(k)fluoranthene
Concen: 50.637 ng
RT: 20.54 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

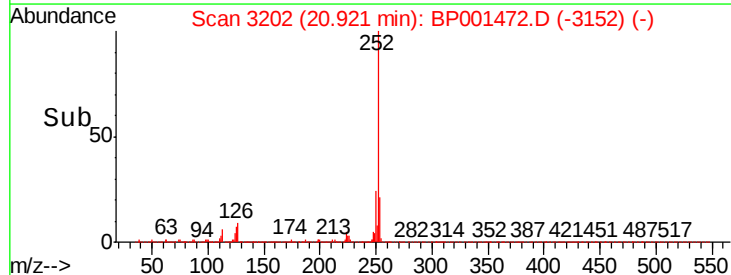
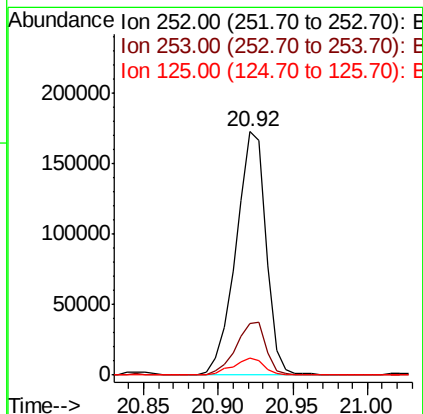
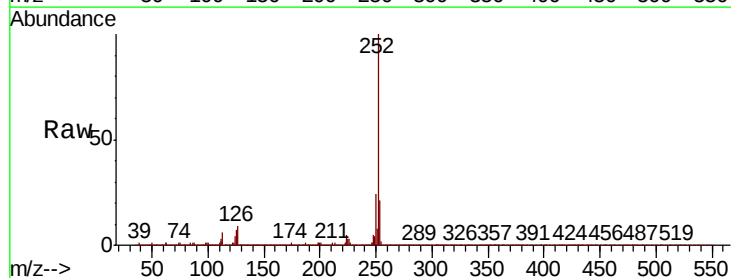
Instrument :
BNA_P
ClientSampleId :

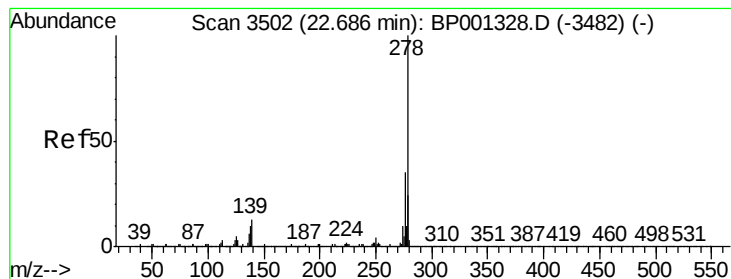
Tot Ion:252 Resp: 261056
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.5 4.5 6.7



#90
Benzo(a)pyrene
Concen: 49.055 ng
RT: 20.92 min Scan# 3202
Delta R.T. -0.01 min
Lab File: BP001472.D
Acq: 27 Dec 2019 22:16

Tgt Ion:252 Resp: 241851
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 7.0 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 51.440 ng

RT: 22.65 min Scan# 3496

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

Instrument :

BNA_P

ClientSampleId :

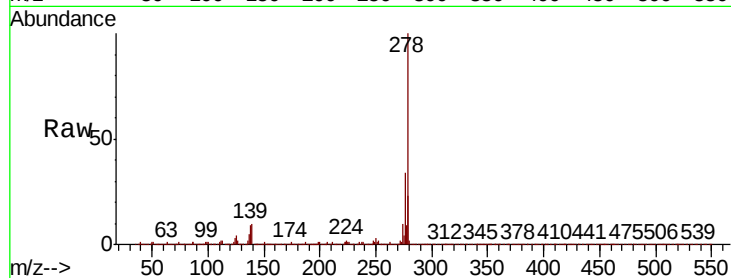
Tot Ion:278 Resp: 247965

Ion Ratio Lower Upper

278 100

139 10.3 8.3 12.5

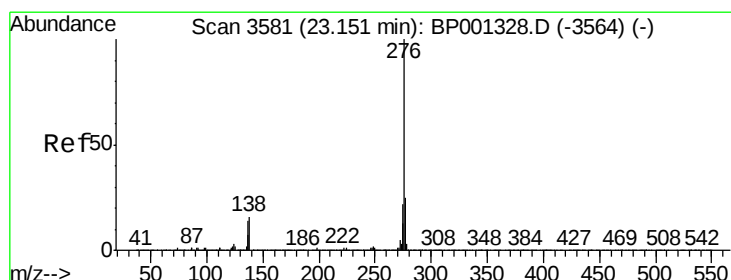
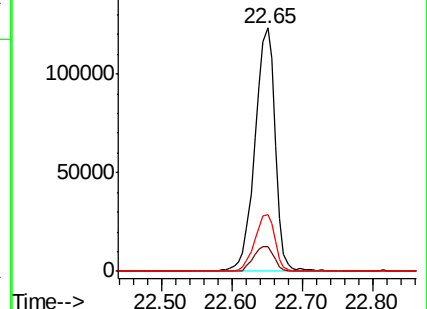
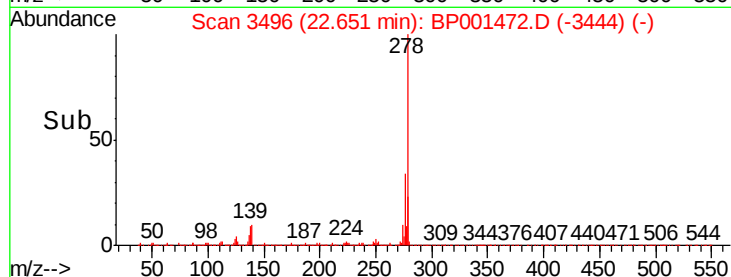
279 23.4 19.1 28.7



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: 52.469 ng

RT: 23.12 min Scan# 3575

Delta R.T. 0.01 min

Lab File: BP001472.D

Acq: 27 Dec 2019 22:16

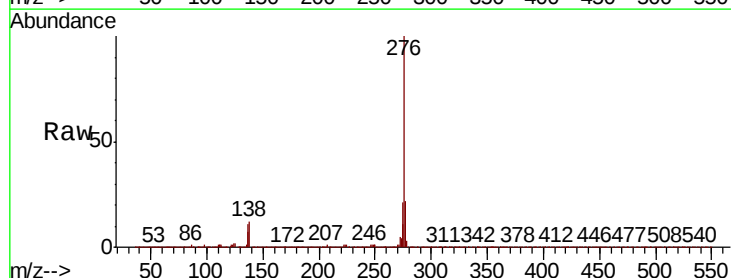
Tgt Ion:276 Resp: 241683

Ion Ratio Lower Upper

276 100

277 21.9 18.6 27.8

138 12.4 10.5 15.7



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

