

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000288.D
 Acq On : 17 Sep 2019 21:26
 Operator : HP/JU
 Sample : K4666-12 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 18 05:58:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	348046	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1262180	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	664127	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1195872	20.00	ng	0.00
76) Chrysene-d12	13.99	240	948083	20.00	ng	0.00
87) Perylene-d12	15.47	264	792179	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	133988	6.65	ng	0.00
7) Phenol-d6	6.42	99	174754	7.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	35102	1.79	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	27879	4.23	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	238877	6.47	ng	0.00
79) Terphenyl-d14	12.92	244	281266	6.22	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	59	0.006	ng	# 44
3) Pyridine	3.27	79	773	0.032	ng	# 50
4) n-Nitrosodimethylamine	3.20	42	82	0.012	ng	# 1
6) Aniline	6.44	93	487	0.014	ng	# 1
8) 2-Chlorophenol	6.54	128	146	0.007	ng	90
9) Benzaldehyde	6.33	77	399	Below Cal		# 66
10) Phenol	6.43	94	4537	0.162	ng	# 38
11) bis(2-Chloroethyl)ether	6.56	93	345	0.016	ng	# 1
12) 1,3-Dichlorobenzene	6.73	146	74	0.003	ng	# 61
13) 1,4-Dichlorobenzene	6.79	146	151	0.006	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	44	0.002	ng	# 1
15) Benzyl Alcohol	6.95	79	3314	0.184	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	7.07	45	113	0.006	ng	# 1
17) 2-Methylphenol	7.05	107	186	0.010	ng	# 28
18) Hexachloroethane	7.30	117	80	0.008	ng	# 44
19) n-Nitroso-di-n-propylamine	7.17	70	180	0.014	ng	# 65
20) 3+4-Methylphenols	7.20	107	753	0.033	ng	# 63
22) Acetophenone	7.19	105	427	0.016	ng	# 63
24) Nitrobenzene	7.33	77	283	0.014	ng	# 59
25) Isophorone	7.35	82	34531	0.891	ng	# 64
26) 2-Nitrophenol	7.72	139	185	0.017	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	439	0.026	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	110	0.004	ng	# 1
29) 2,4-Dichlorophenol	7.92	162	96	0.005	ng	# 1
30) 1,2,4-Trichlorobenzene	7.99	180	32	0.002	ng	# 1
31) Naphthalene	8.09	128	9751	0.167	ng	97
32) Benzoic acid	7.86	122	416	0.036	ng	# 68
33) 4-Chloroaniline	8.12	127	166	0.006	ng	# 1
34) Hexachlorobutadiene	8.25	225	74	0.006	ng	# 77
35) Caprolactam	8.50	113	125	0.020	ng	# 1
36) 4-Chloro-3-methylphenol	8.63	107	177	0.009	ng	# 78
37) 2-Methylnaphthalene	8.79	142	6259	0.157	ng	95
38) 1-Methylnaphthalene	8.89	142	6720	0.180	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	66	0.003	ng	# 1

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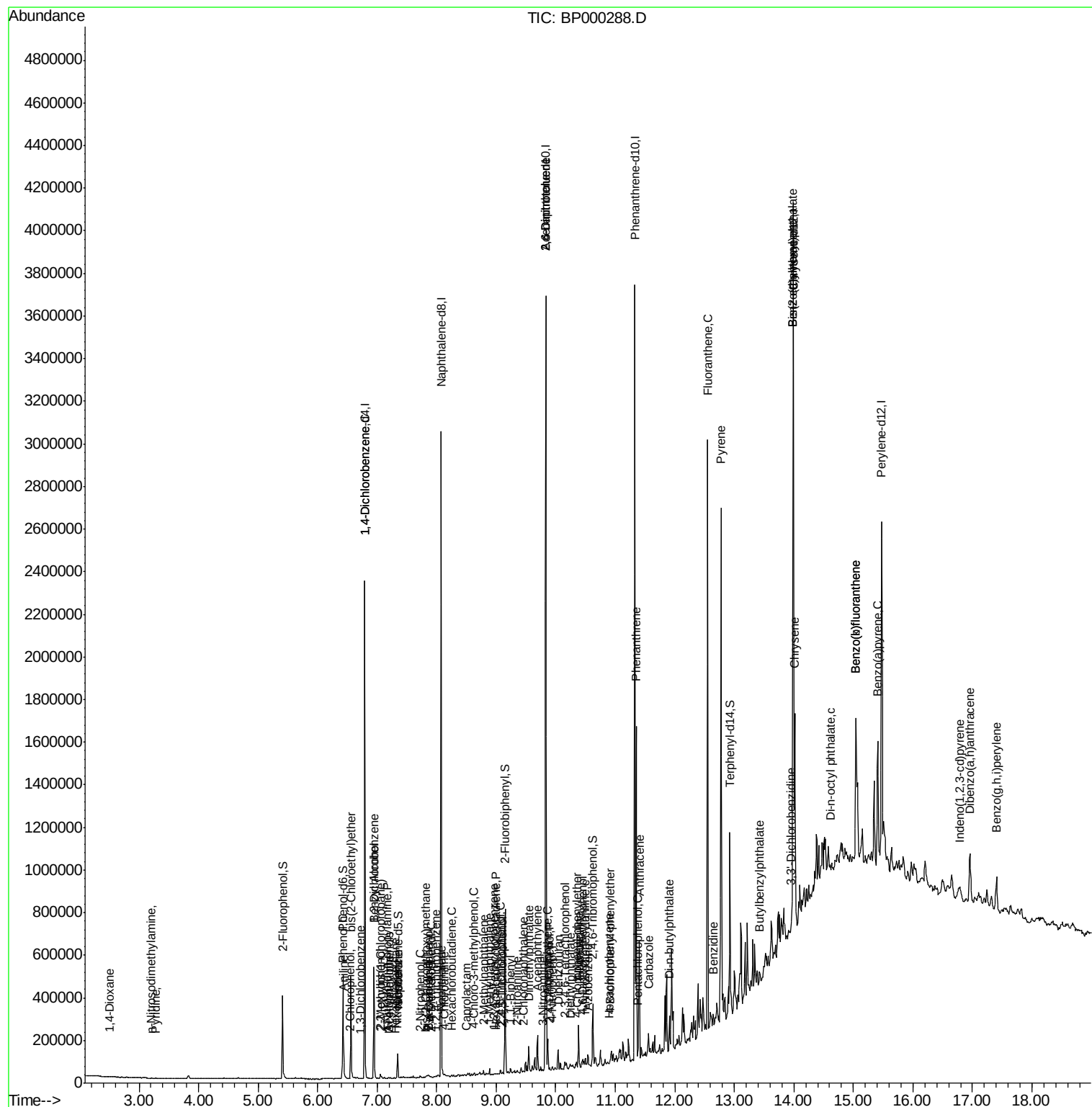
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	13	0.001	ng	78
43) 2,4,6-Trichlorophenol	9.07	196	43	0.003	ng	# 40
44) 2,4,5-Trichlorophenol	9.10	196	25	0.002	ng	# 1
46) 1,1'-Biphenyl	9.25	154	2433	0.053	ng	95
47) 2-Chloronaphthalene	9.45	162	724	0.019	ng	91
48) 2-Nitroaniline	9.36	65	253	0.026	ng	# 45
49) Acenaphthylene	9.69	152	63964	1.104	ng	100
50) Dimethylphthalate	9.55	163	32825	0.725	ng	# 98
51) 2,6-Dinitrotoluene	9.83	165	87573	8.802	ng	# 30
52) Acenaphthene	9.86	154	27405	0.750	ng	99
53) 3-Nitroaniline	9.79	138	259	0.022	ng	# 40
54) 2,4-Dinitrophenol	9.89	184	49	0.011	ng	# 1
55) Dibenzofuran	10.04	168	27333	0.529	ng	# 93
56) 4-Nitrophenol	9.94	139	538	0.063	ng	# 11
57) 2,4-Dinitrotoluene	9.83	165	87573	6.733	ng	# 35
58) Fluorene	10.38	166	51545	1.291	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	101	0.009	ng	# 1
60) Diethylphthalate	10.25	149	400	0.009	ng	# 36
61) 4-Chlorophenyl-phenylether	10.36	204	107	0.005	ng	# 1
62) 4-Nitroaniline	10.38	138	622	0.055	ng	91
63) Azobenzene	10.54	77	926	0.025	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.45	198	115	0.020	ng	# 1
66) n-Nitrosodiphenylamine	10.50	169	3040	0.084	ng	# 74
67) 4-Bromophenyl-phenylether	10.92	248	70	0.005	ng	# 1
68) Hexachlorobenzene	10.89	284	148	0.010	ng	# 1
69) Atrazine	11.02	200	38	Below Cal	#	1
70) Pentachlorophenol	11.37	266	43	0.005	ng	90
71) Phenanthrene	11.35	178	527980	8.810	ng	99
72) Anthracene	11.40	178	219765	3.563	ng	98
73) Carbazole	11.56	167	43329	0.780	ng	99
74) Di-n-butylphthalate	11.90	149	1959	0.028	ng	# 53
75) Fluoranthene	12.55	202	980981	15.244	ng	96
77) Benzidine	12.66	184	727	0.021	ng	# 1
78) Pyrene	12.78	202	901259	12.706	ng	99
80) Butylbenzylphthalate	13.41	149	480	0.015	ng	# 16
81) Benzo(a)anthracene	13.98	228	449185	7.500	ng	96
82) 3,3'-Dichlorobenzidine	13.95	252	460	0.019	ng	# 42
83) Chrysene	14.02	228	371898	6.325	ng	96
84) Bis(2-ethylhexyl)phthalate	13.98	149	4082	0.104	ng	# 75
85) Di-n-octyl phthalate	14.62	149	1636	0.023	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.80	276	28430	0.397	ng	94
88) Benzo(b)fluoranthene	15.04	252	526821	11.148	ng	97
89) Benzo(k)fluoranthene	15.04	252	526821	12.780	ng	97
90) Benzo(a)pyrene	15.41	252	278727	6.482	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	41125	1.026	ng	# 75
92) Benzo(g,h,i)perylene	17.40	276	130936	3.177	ng	99

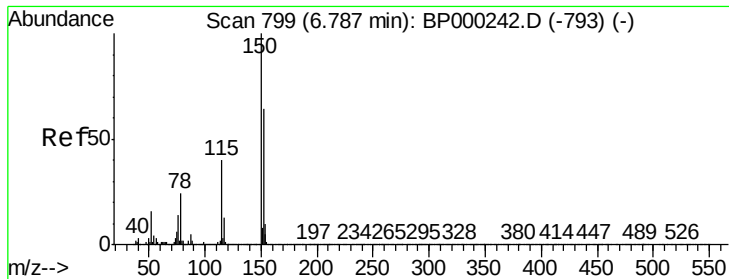
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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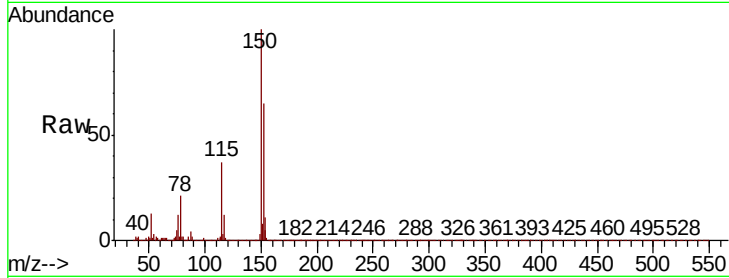


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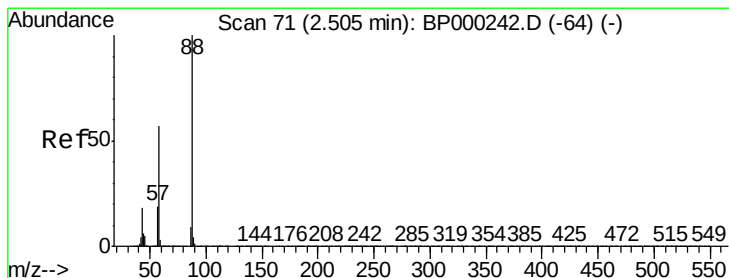
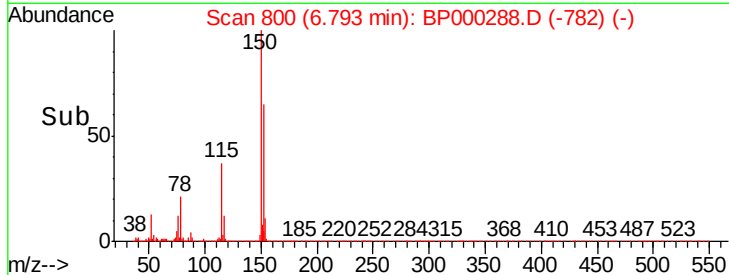
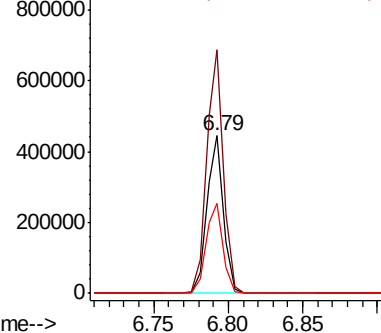
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Instrument :
BNA_P
ClientSampled :

Tot Ion:152 Resp: 348046
Ion Ratio Lower Upper
152 100
150 154.6 125.2 187.8
115 57.4 49.7 74.5



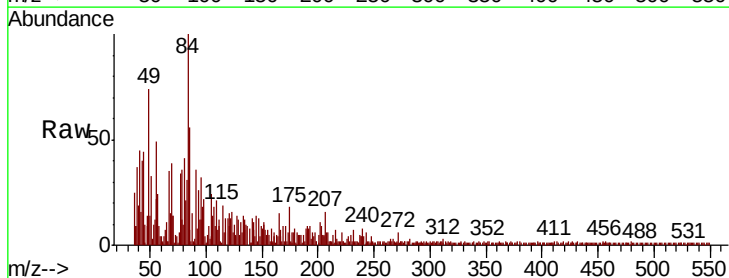
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



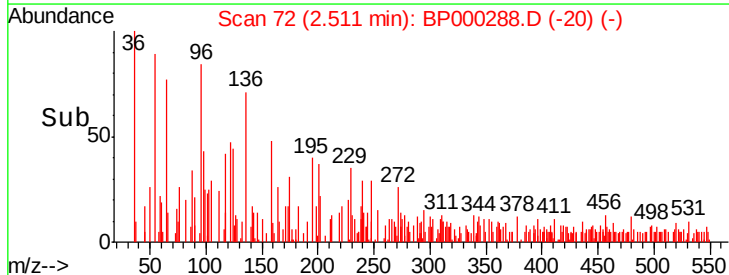
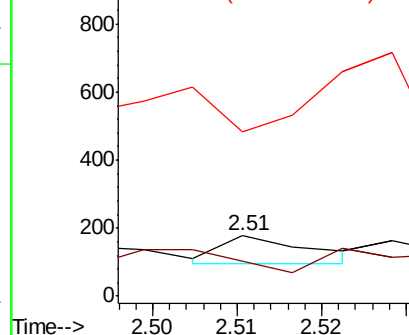
#2

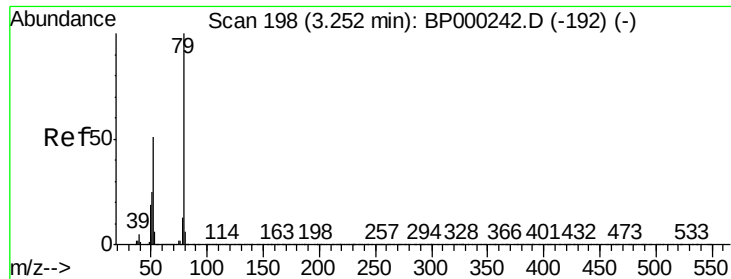
1,4-Dioxane
Concen: 0.006 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 101.7 45.4 68.2#
43 0.0 15.0 22.6#



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0

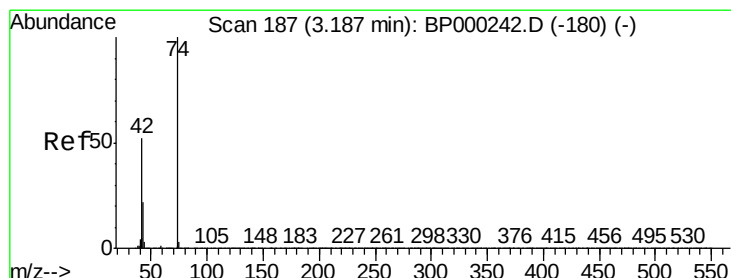
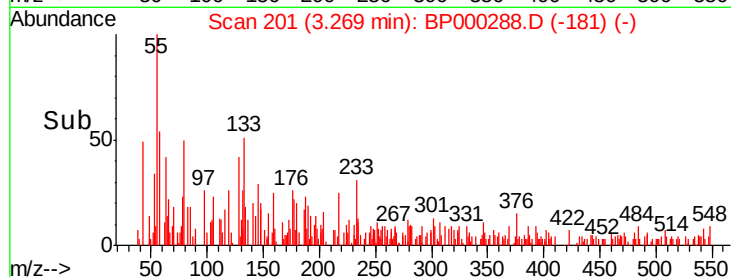
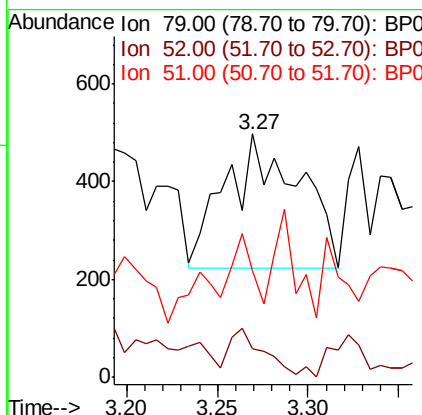
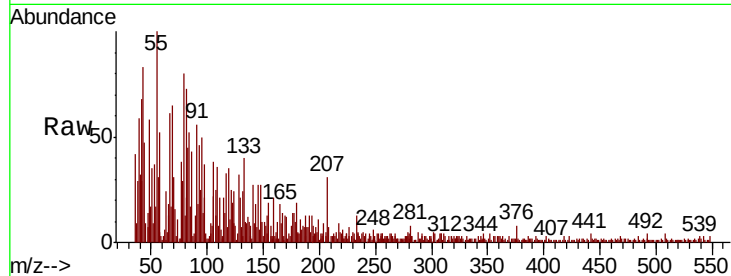




#3
 Pvridine
 Concen: 0.032 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.02 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

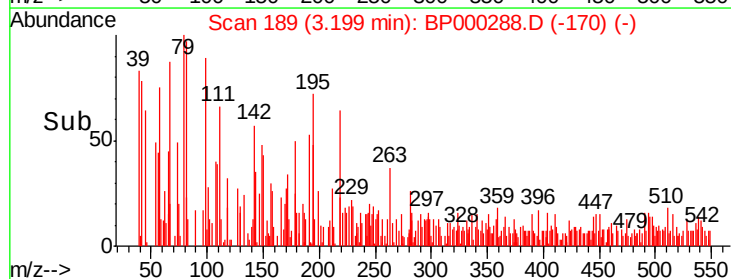
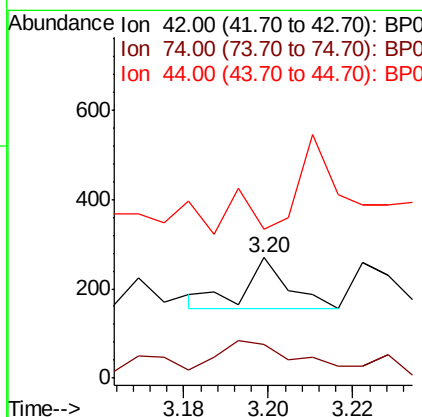
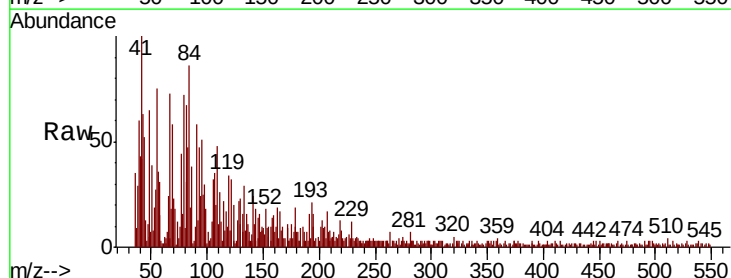
Instrument :
 BNA_P
 ClientSampled :

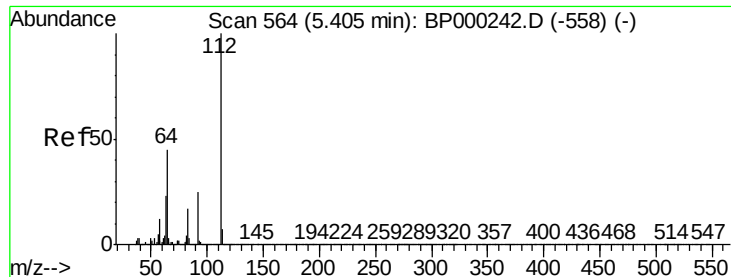
Tot Ion: 79 Resp: 773
 Ion Ratio Lower Upper
 79 100
 52 11.6 40.9 61.3#
 51 43.6 20.2 30.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.012 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

Tgt Ion: 42 Resp: 82
 Ion Ratio Lower Upper
 42 100
 74 28.1 154.5 231.7#
 44 123.3 5.9 8.9#





#5

2-Fluorophenol

Concen: 6.646 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

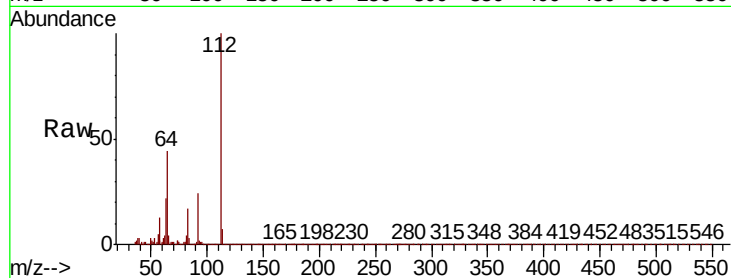
Tot Ion:112 Resp: 133988

Ion Ratio Lower Upper

112 100

64 43.6 36.2 54.4

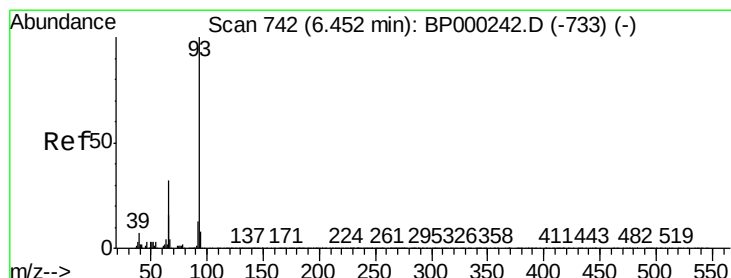
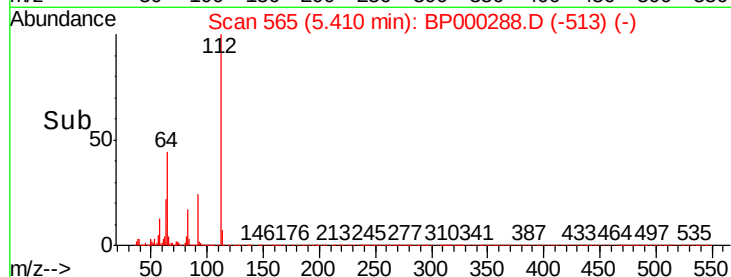
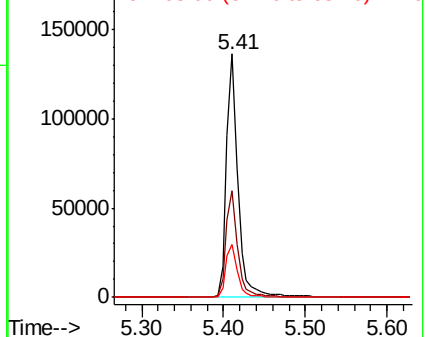
63 21.7 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.014 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

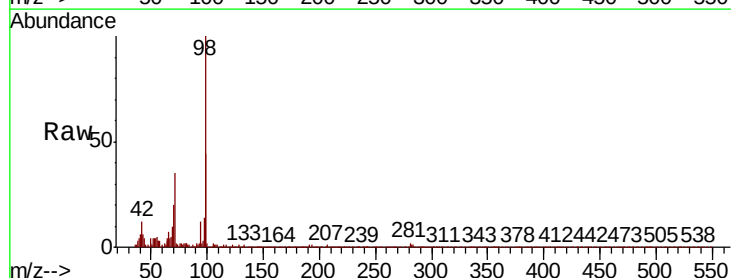
Tgt Ion: 93 Resp: 487

Ion Ratio Lower Upper

93 100

66 335.2 26.2 39.2#

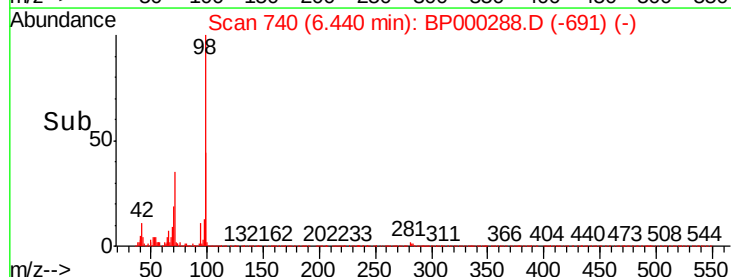
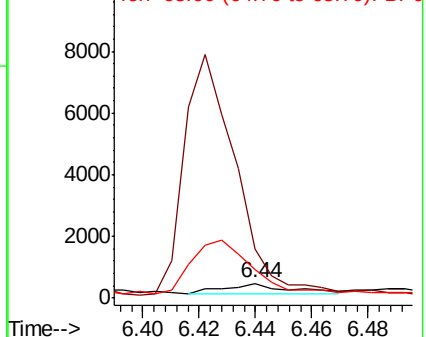
65 196.4 12.7 19.1#

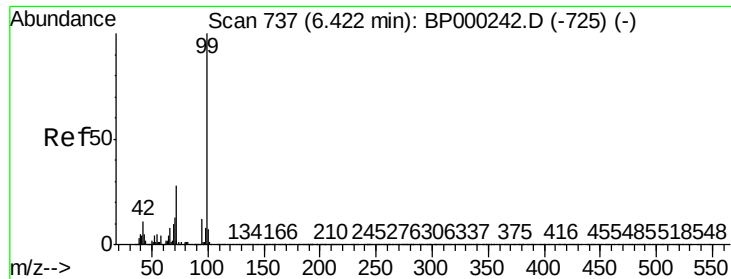


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 7.071 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

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ClientSampleId :

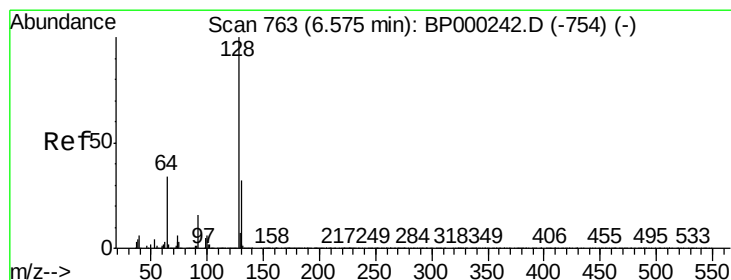
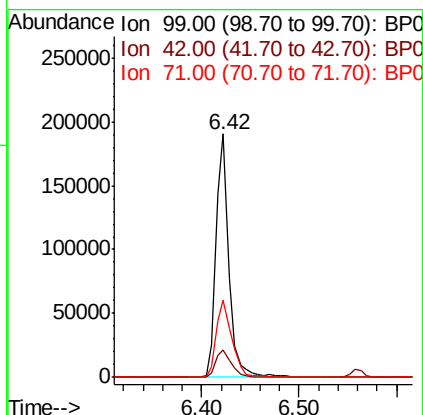
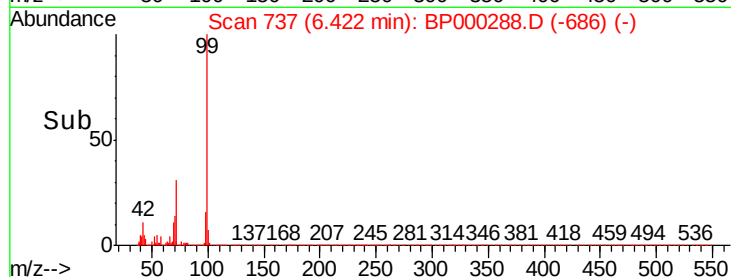
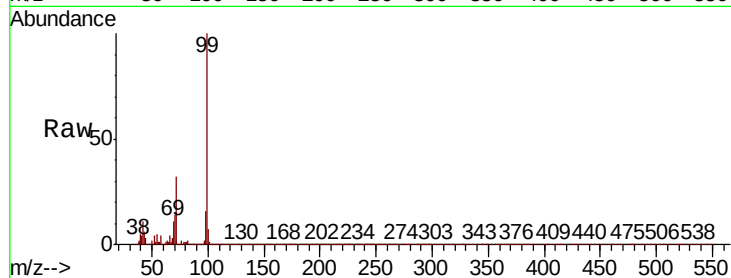
Tot Ion: 99 Resp: 174754

Ion Ratio Lower Upper

99 100

42 11.1 8.5 12.7

71 31.6 22.6 34.0



#8

2-Chlorophenol

Concen: 0.007 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.04 min

Lab File: BP000288.D

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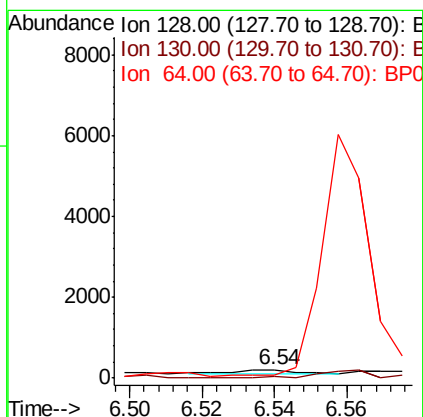
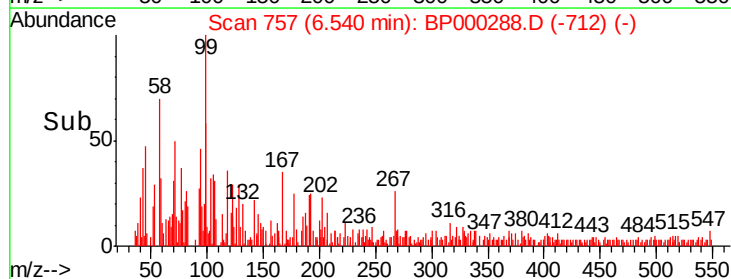
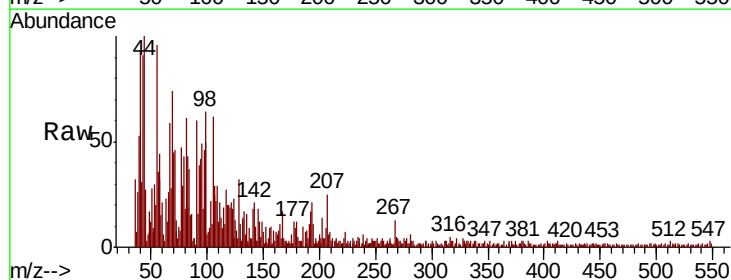
Tgt Ion: 128 Resp: 146

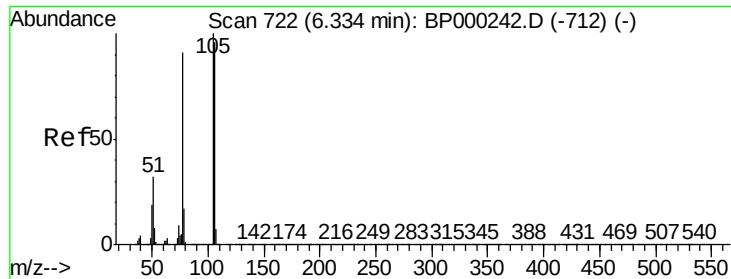
Ion Ratio Lower Upper

128 100

130 24.3 12.5 52.5

64 39.1 16.0 56.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000288.D

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Instrument :

BNA_P

ClientSampled :

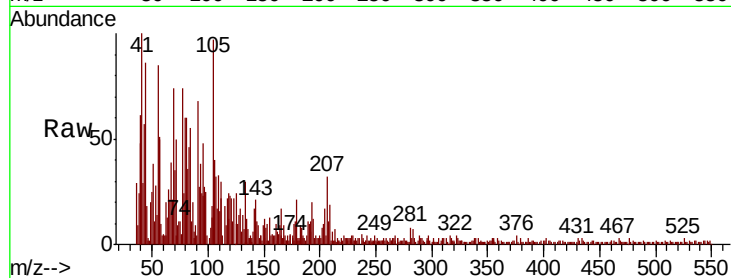
Tot Ion: 77 Resp: 399

Ion Ratio Lower Upper

77 100

105 130.8 89.6 129.6#

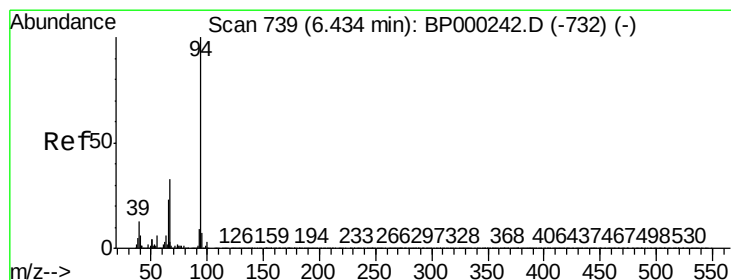
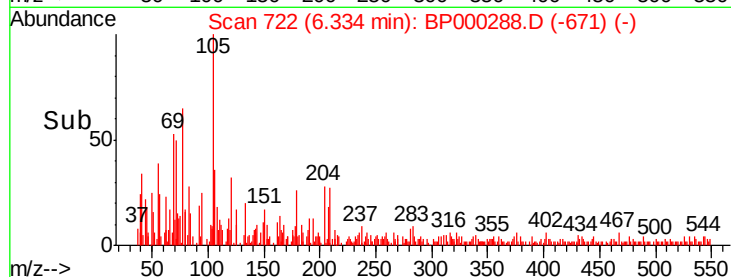
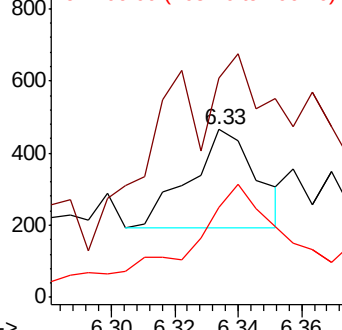
106 54.0 84.6 124.6#



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.162 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

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Acq: 17 Sep 2019 21:26

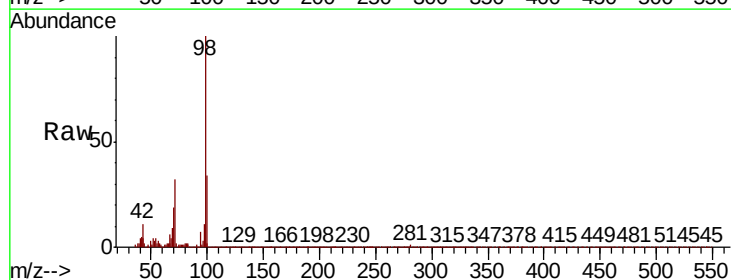
Tgt Ion: 94 Resp: 4537

Ion Ratio Lower Upper

94 100

65 29.2 3.3 43.3

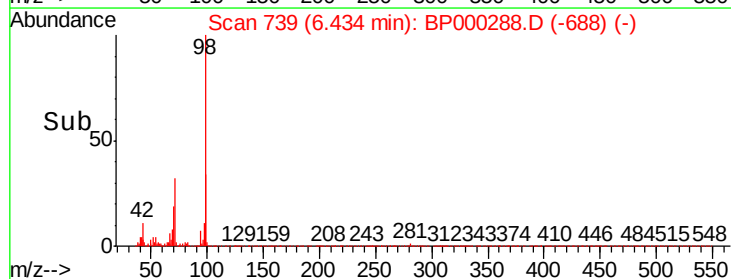
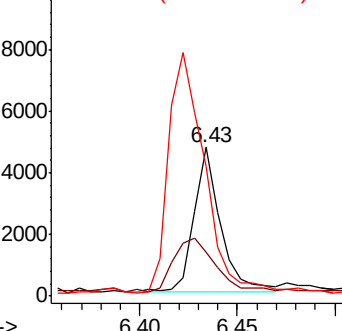
66 87.5 12.7 52.7#

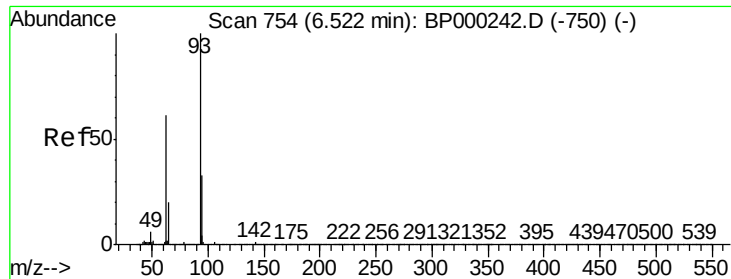


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

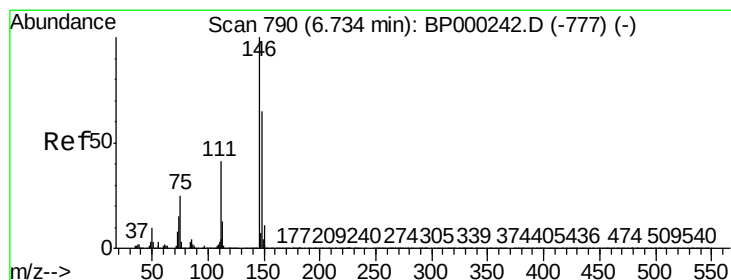
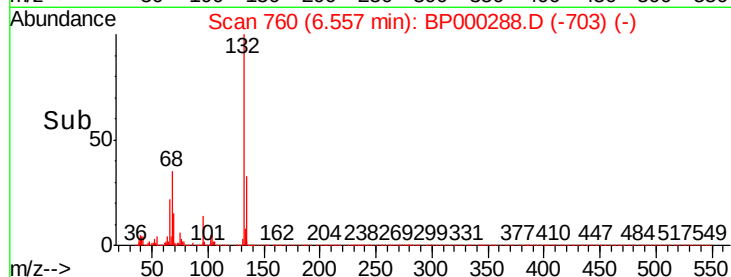
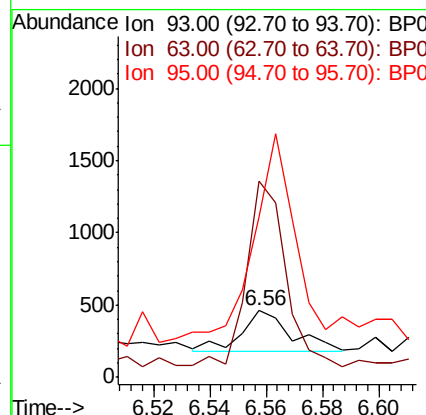
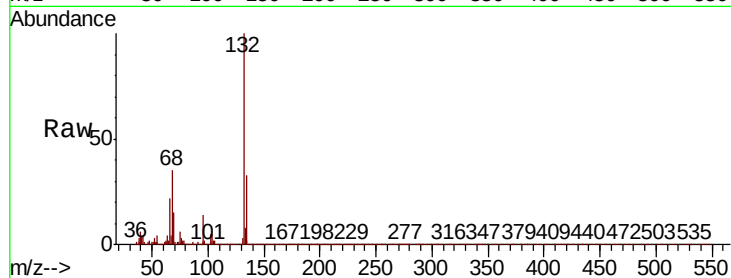




#11
bis(2-Chloroethyl)ether
Concen: 0.016 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.04 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

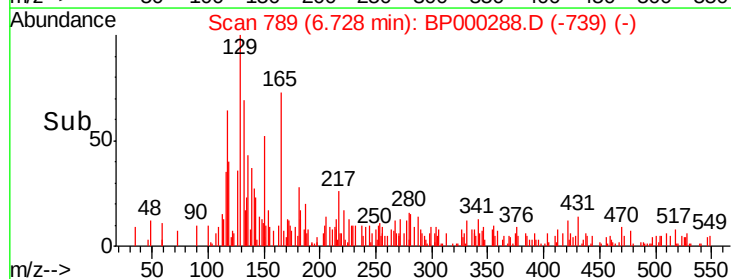
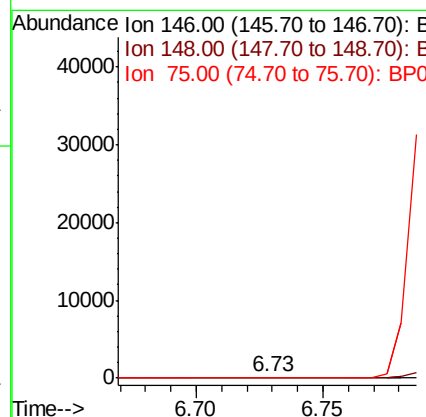
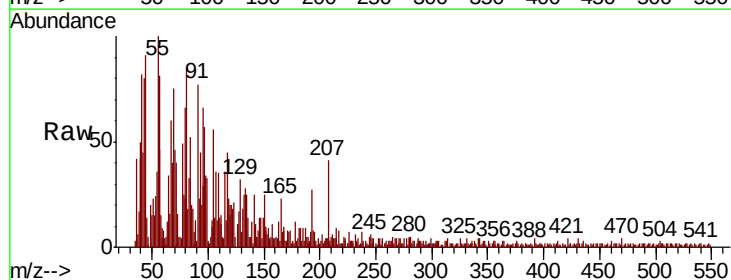
Instrument :
BNA_P
ClientSampleId :

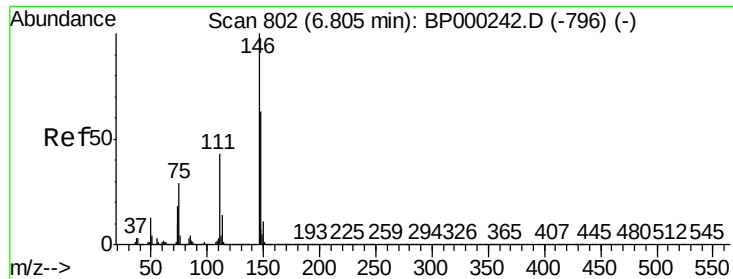
Tot Ion: 93 Resp: 345
Ion Ratio Lower Upper
93 100
63 294.8 41.0 81.0#
95 241.6 12.7 52.7#



#12
1,3-Dichlorobenzene
Concen: 0.003 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion: 146 Resp: 74
Ion Ratio Lower Upper
146 100
148 29.5 52.1 78.1#
75 37.2 20.2 30.4#

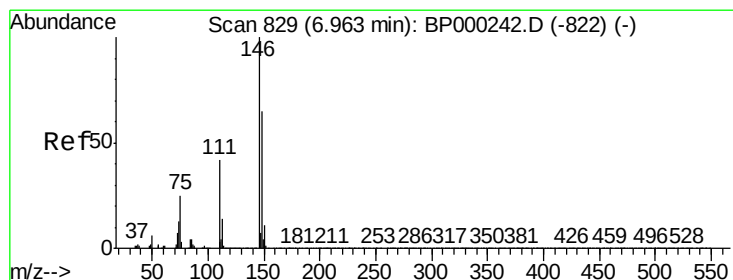
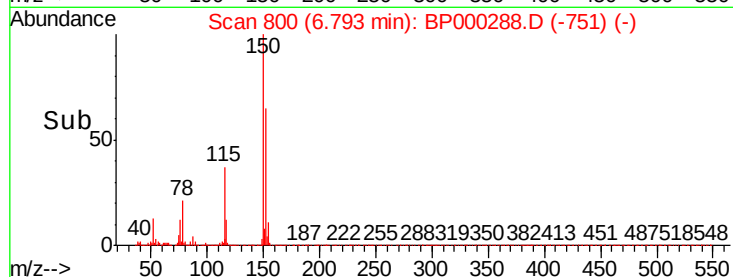
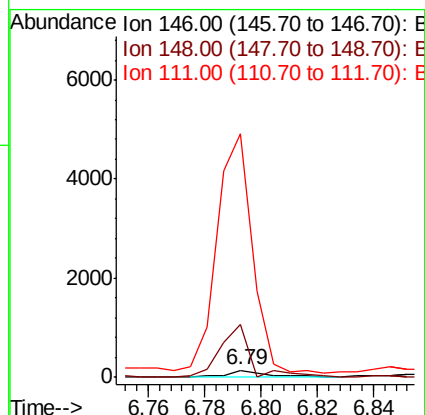
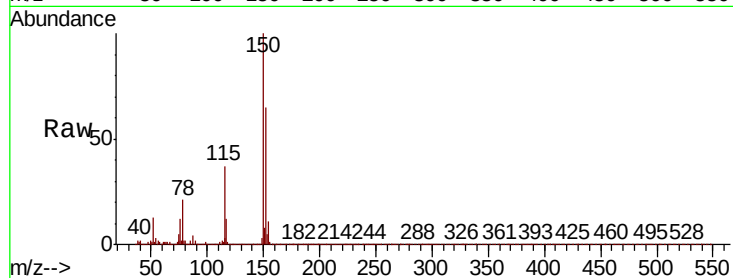




#13
1,4-Dichlorobenzene
Concen: 0.006 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

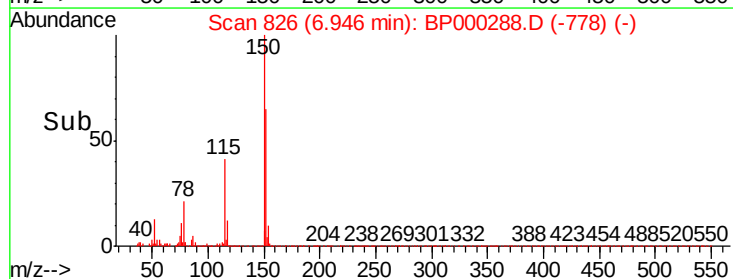
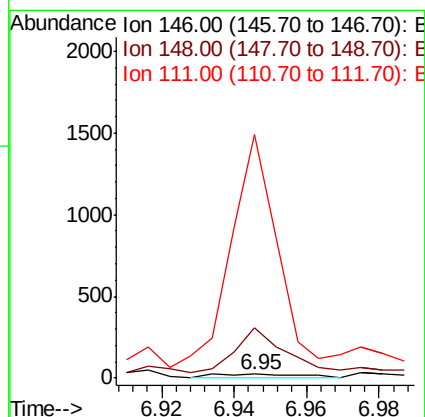
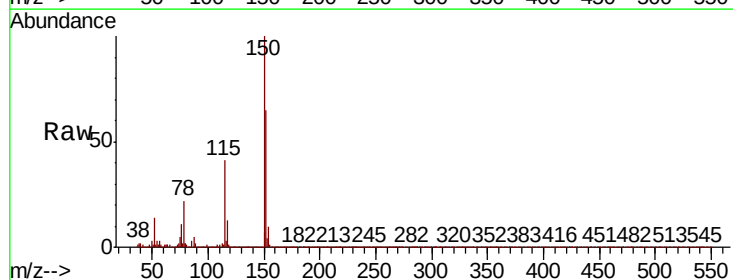
Instrument :
BNA_P
ClientSampleId :

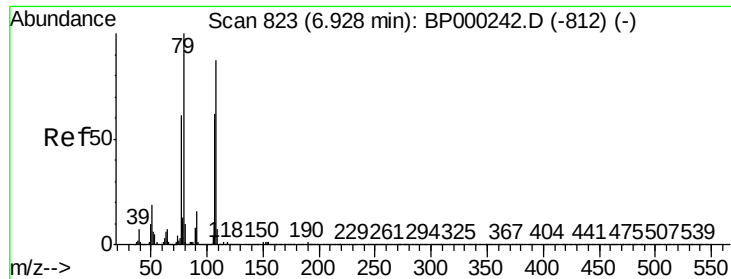
Tot Ion:146 Resp: 151
Ion Ratio Lower Upper
146 100
148 737.0 50.7 76.1#
111 3365.1 34.1 51.1#



#14
1,2-Dichlorobenzene
Concen: 0.002 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.02 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
148 1232.0 51.7 77.5#
111 5964.0 33.4 50.2#





#15

Benzyl Alcohol

Concen: 0.184 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000288.D

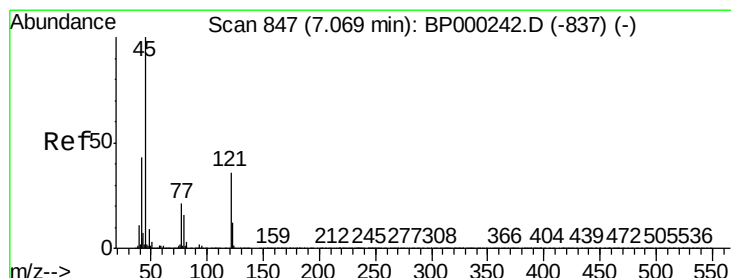
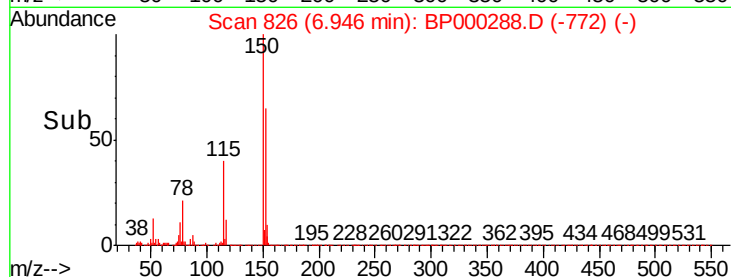
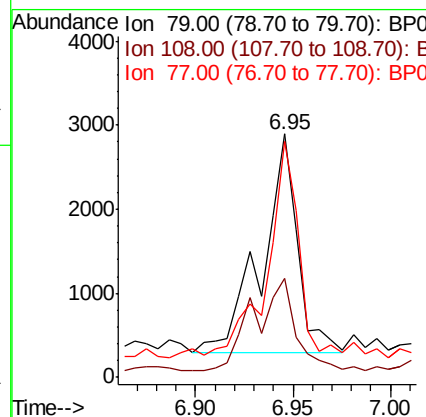
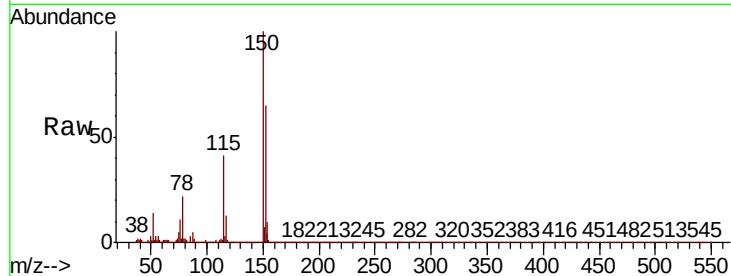
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	79	Resp:	3314
Ion	Ratio	Lower	Upper
79	100		
108	40.8	69.2	103.8#
77	96.7	48.7	73.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

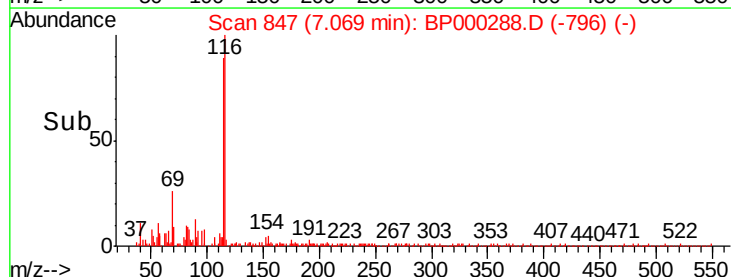
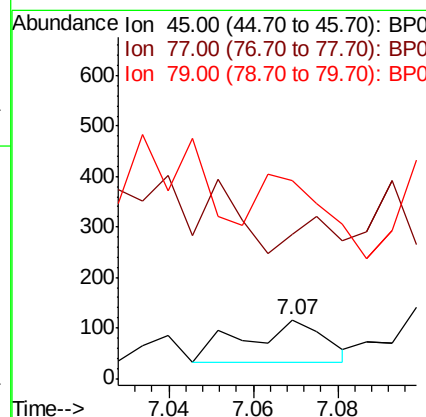
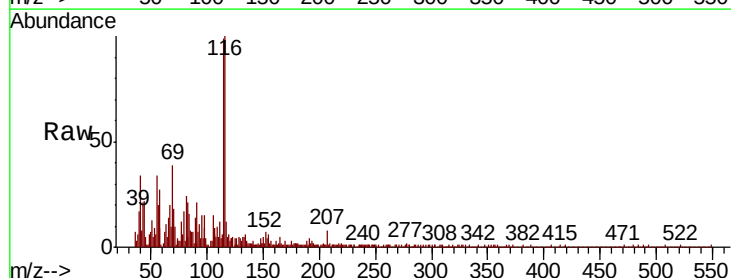
RT: 7.07 min Scan# 847

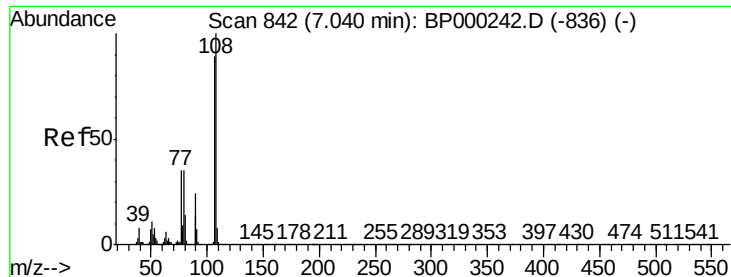
Delta R.T. -0.00 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion:	45	Resp:	113
Ion	Ratio	Lower	Upper
45	100		
77	245.7	0.7	40.7#
79	338.8	0.0	36.4#

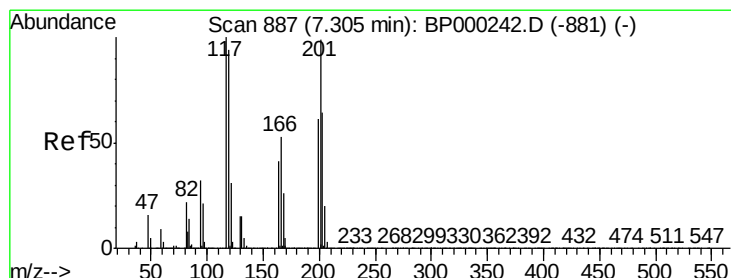
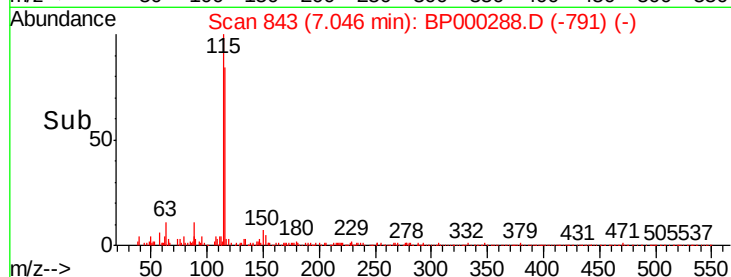
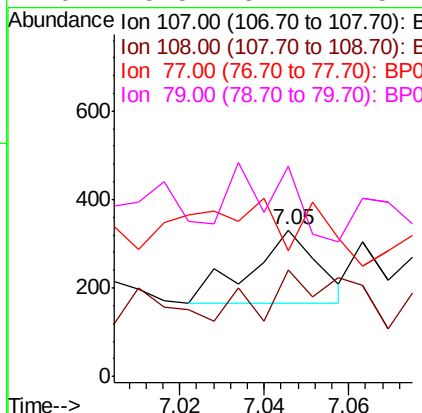
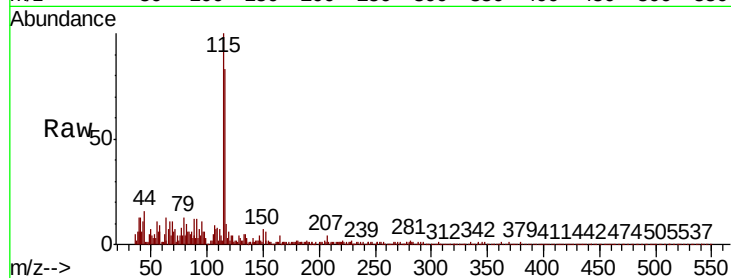




#17
2-Methylphenol
Concen: 0.010 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

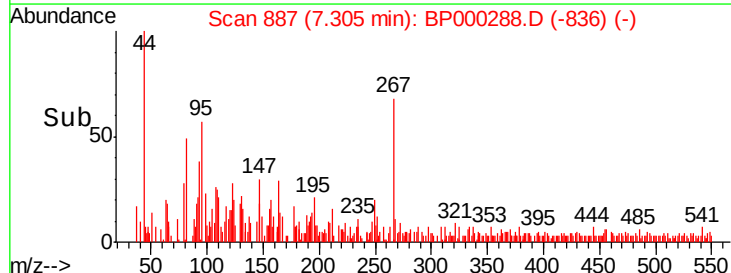
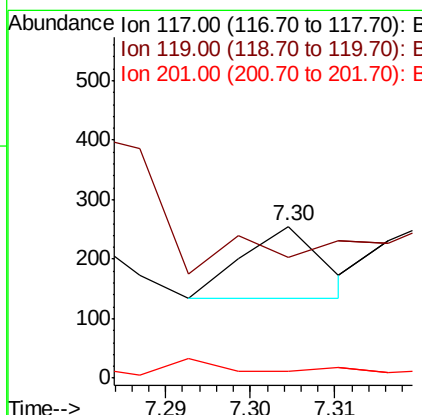
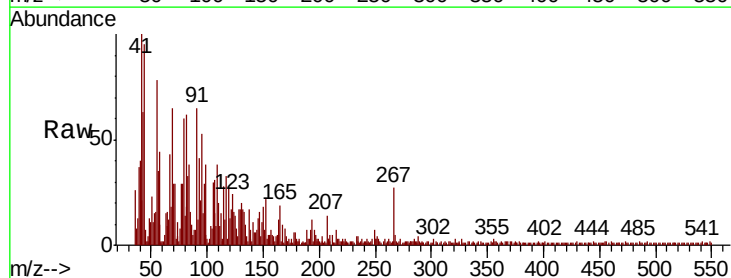
Instrument :
BNA_P
ClientSampled :

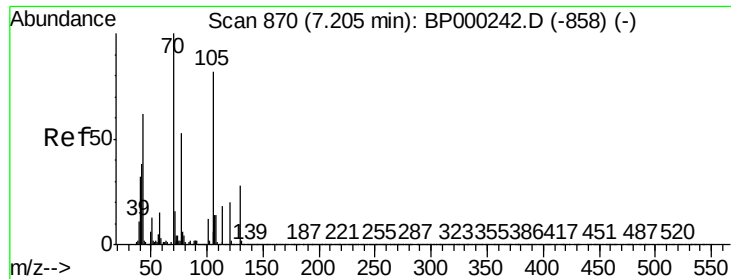
Tot Ion:	107	Resp:	186
Ion	Ratio	Lower	Upper
107	100		
108	72.5	90.1	135.1#
77	85.5	31.5	47.3#
79	143.8	32.2	48.2#



#18
Hexachloroethane
Concen: 0.008 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:	117	Resp:	80
Ion	Ratio	Lower	Upper
117	100		
119	80.0	75.6	113.4
201	4.3	79.4	119.2#

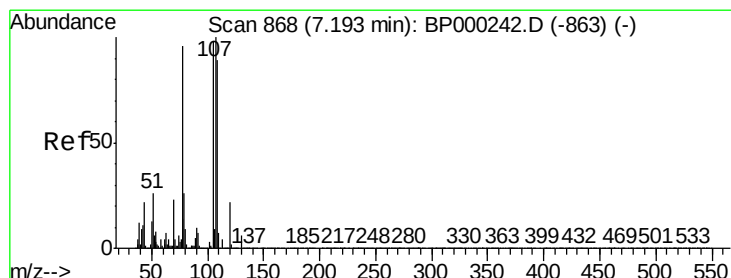
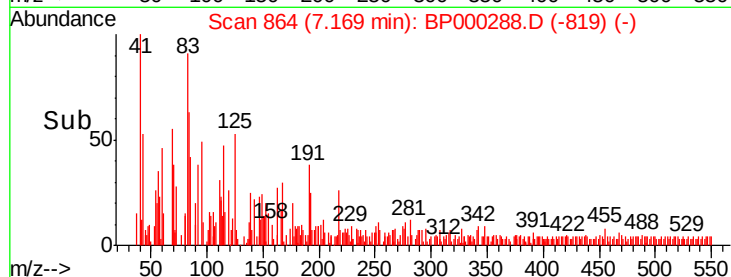
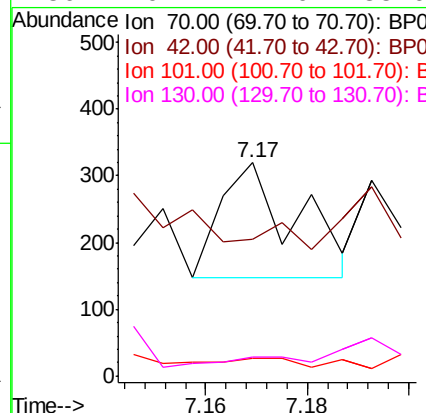
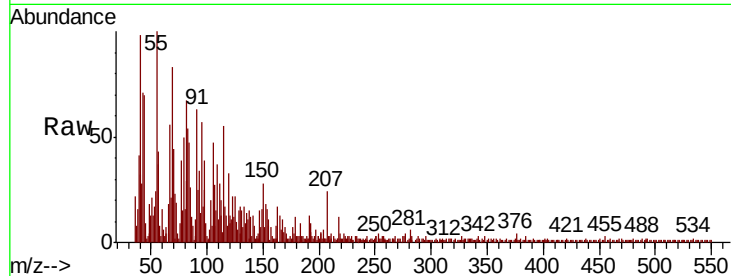




#19
n-Nitroso-di-n-propylamine
Concen: 0.014 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.04 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

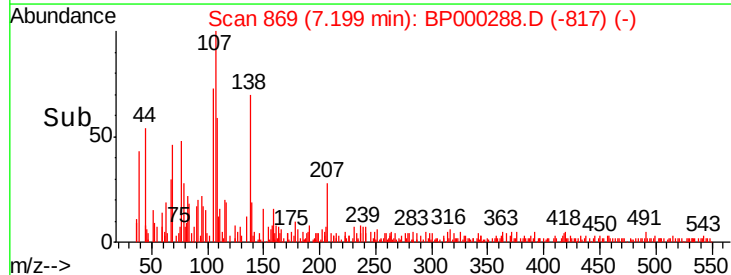
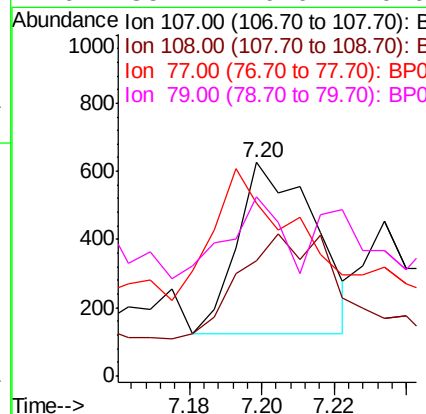
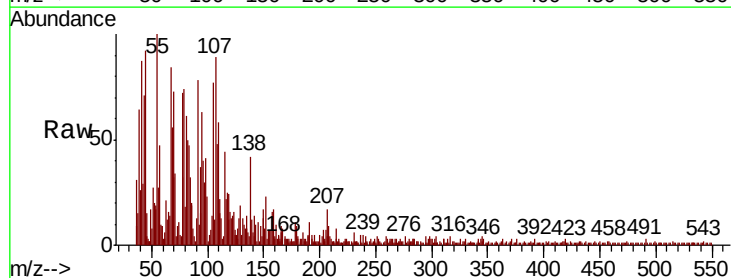
Instrument :
BNA_P
ClientSampled :

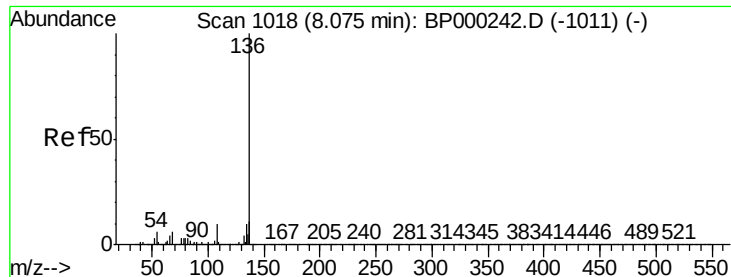
Tot Ion:	70	Resp:	180
Ion	Ratio	Lower	Upper
70	100		
42	64.1	30.7	46.1#
101	8.4	9.6	14.4#
130	9.1	22.0	33.0#



#20
3+4-Methylphenols
Concen: 0.033 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:	107	Resp:	753
Ion	Ratio	Lower	Upper
107	100		
108	53.7	68.8	108.8#
77	80.8	75.7	115.7
79	83.7	6.0	46.0#

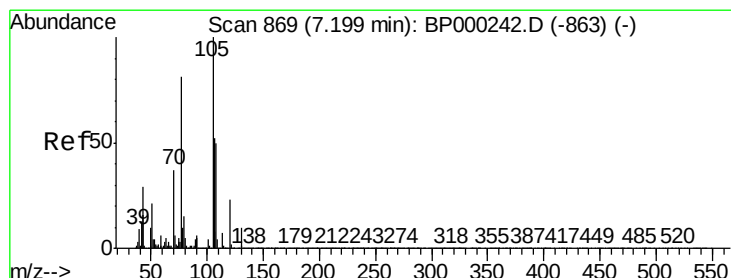
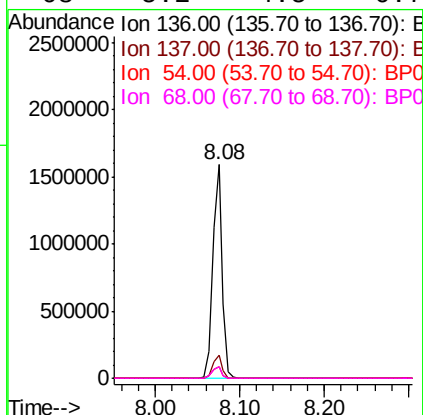
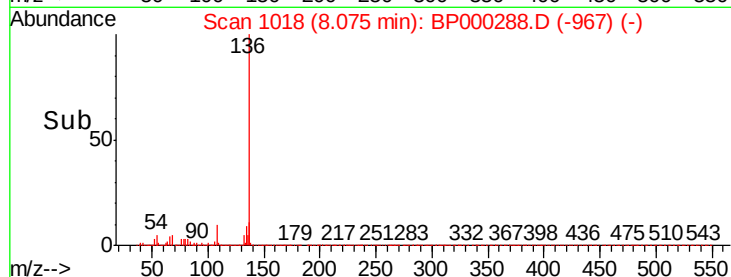
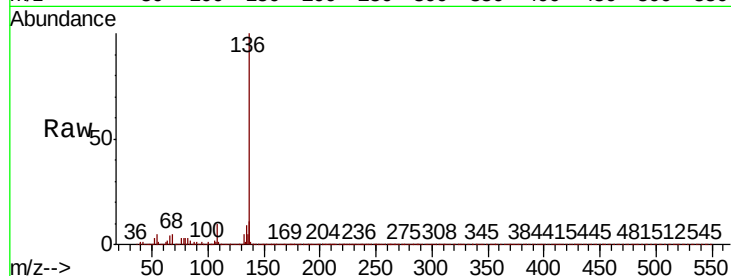




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

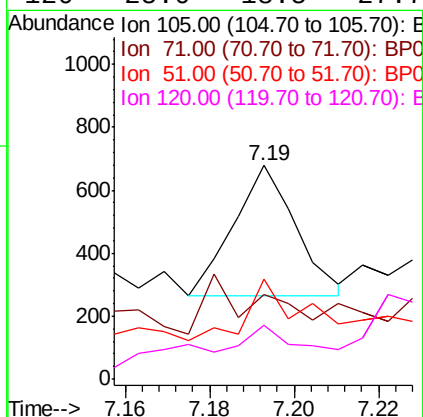
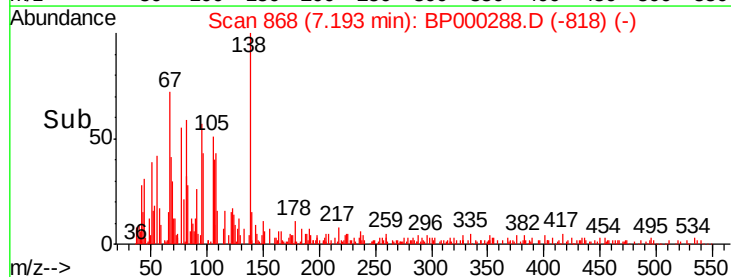
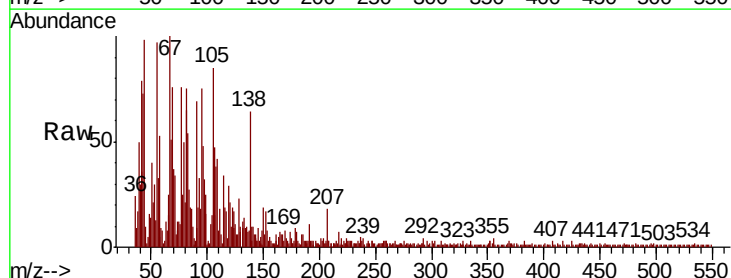
Instrument :
BNA_P
ClientSampleId :

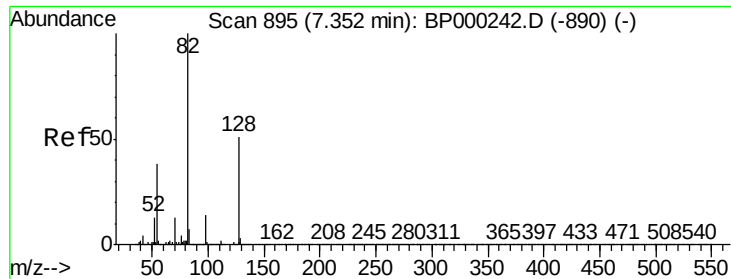
Tot Ion:136	Resp: 1262180
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 5.2	4.5 6.7
68 5.2	4.5 6.7



#22
Acetophenone
Concen: 0.016 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt	Ion:105	Resp:	427
Ion	Ratio	Lower	Upper
105	100		
71	39.6	5.2	7.8#
51	46.7	16.6	24.8#
120	25.0	18.5	27.7

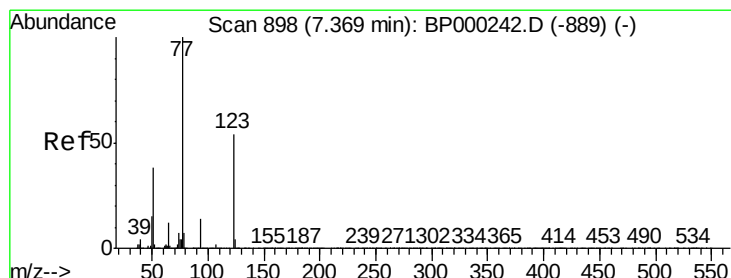
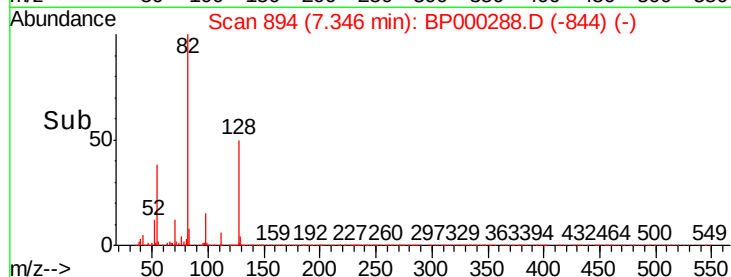
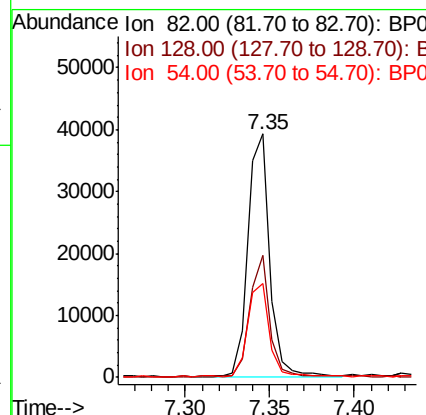
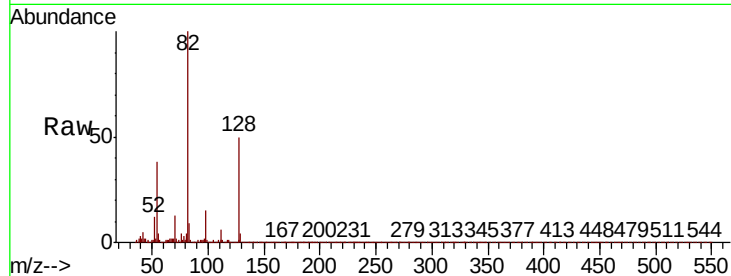




#23
 Nitrobenzene-d5
 Concen: 1.794 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

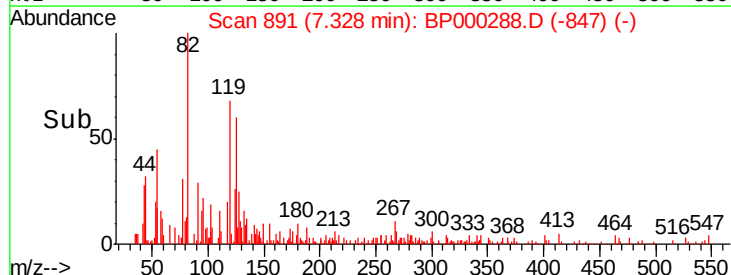
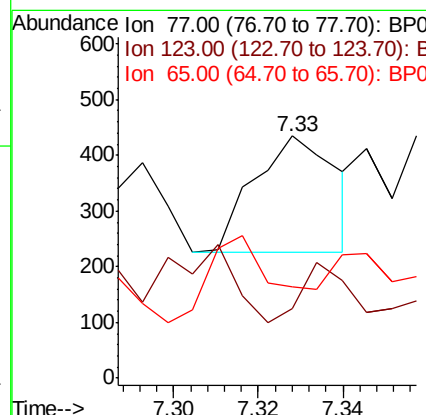
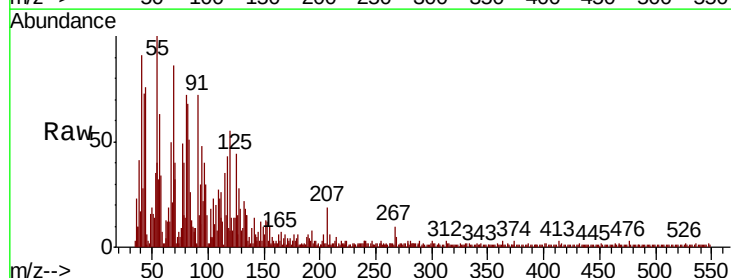
Instrument :
 BNA_P
 ClientSampled :

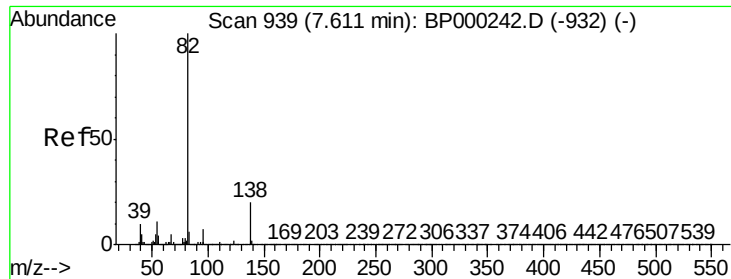
Tot Ion	82	Resp	35102
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	38.4	30.1	45.1



#24
 Nitrobenzene
 Concen: 0.014 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.04 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

Tgt Ion	77	Resp	283
Ion Ratio	Lower	Upper	
77	100		
123	28.7	43.1	64.7#
65	37.7	9.4	14.2#





#25

Isophorone

Concen: 0.891 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000288.D

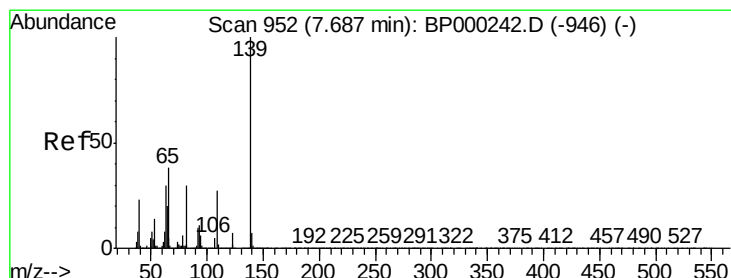
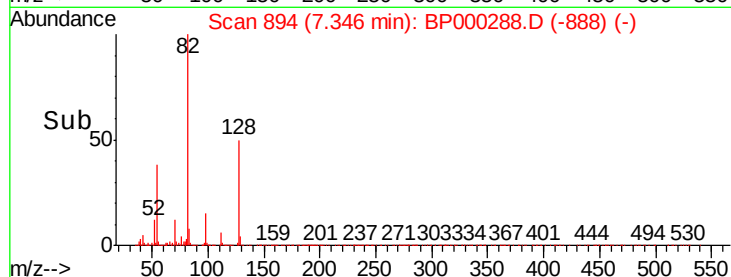
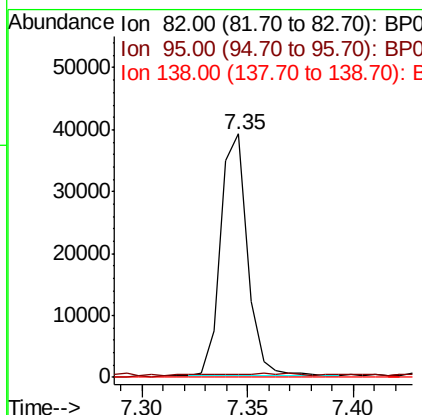
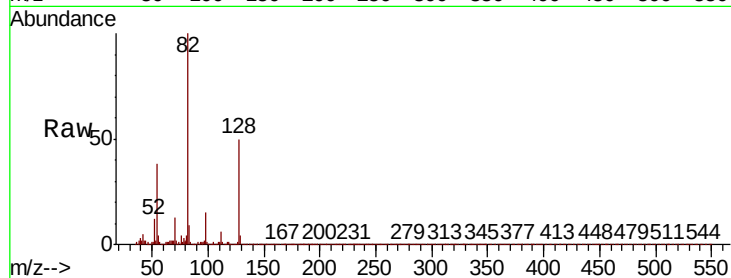
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	82	Resp:	34531
Ion	Ratio	Lower	Upper
82	100		
95	1.2	5.9	8.9#
138	0.1	15.9	23.9#



#26

2-Nitrophenol

Concen: 0.017 ng

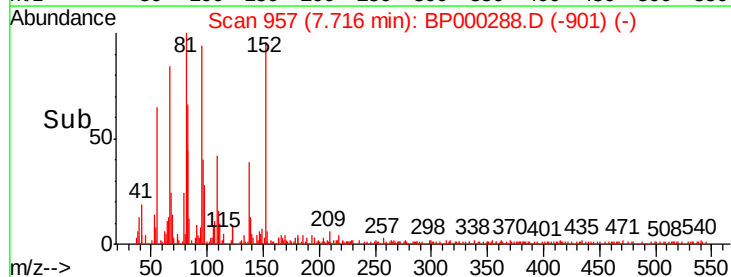
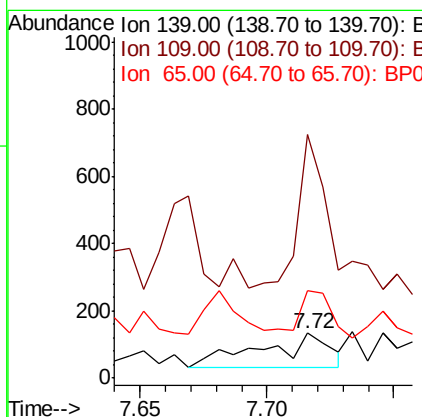
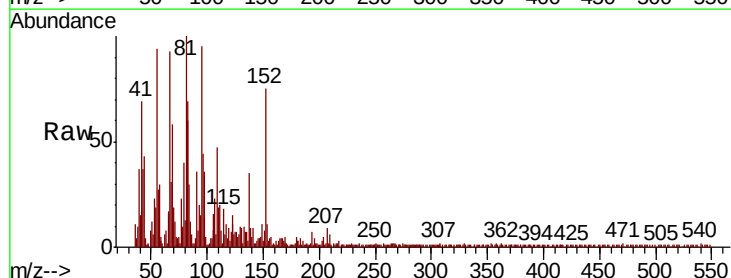
RT: 7.72 min Scan# 957

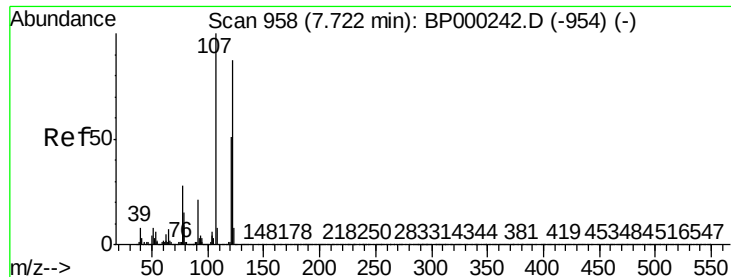
Delta R.T. 0.03 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion:	139	Resp:	185
Ion	Ratio	Lower	Upper
139	100		
109	540.3	21.8	32.6#
65	193.3	30.5	45.7#





#27

2,4-Dimethylphenol

Concen: 0.026 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.14 min

Lab File: BP000288.D

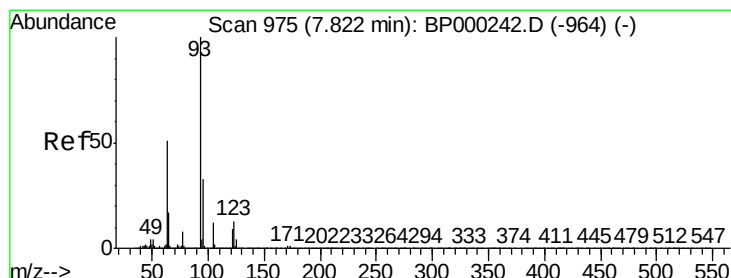
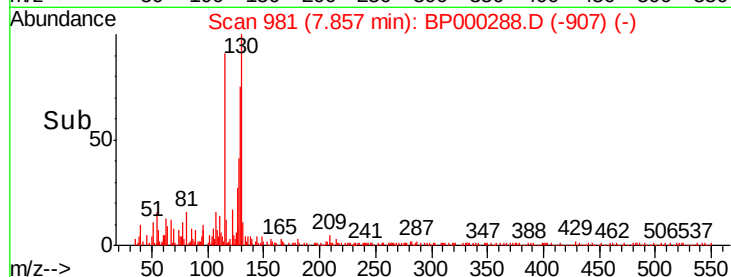
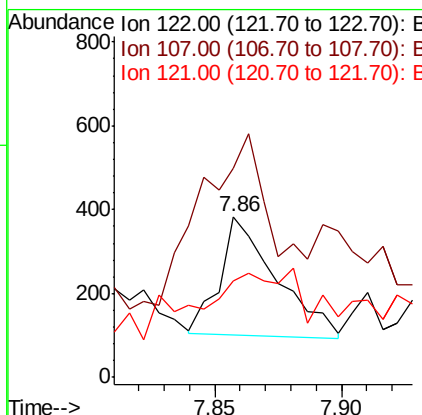
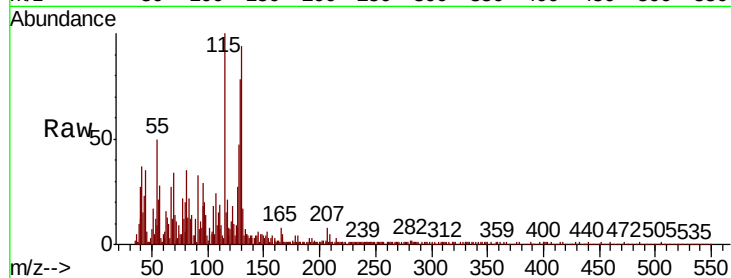
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	439
Ion	Ratio	Lower	Upper
122	100		
107	129.7	91.5	137.3
121	59.6	46.9	70.3



#28

bis(2-Chloroethoxy)methane

Concen: 0.004 ng

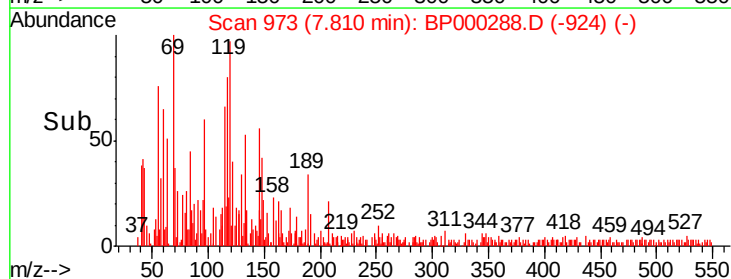
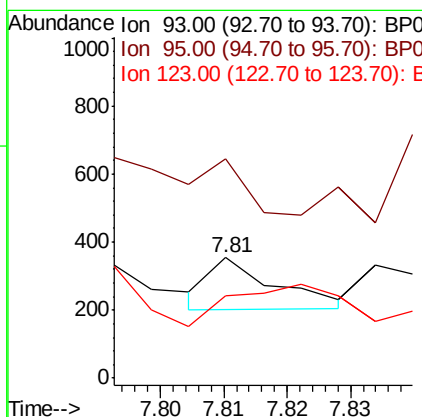
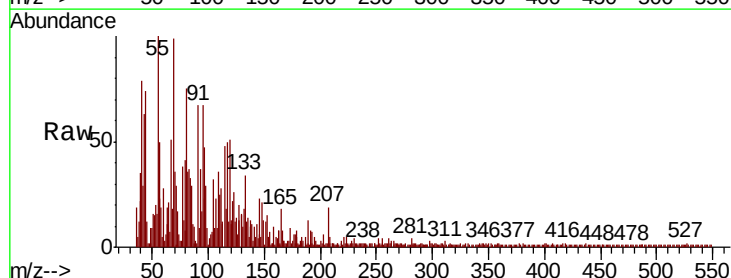
RT: 7.81 min Scan# 973

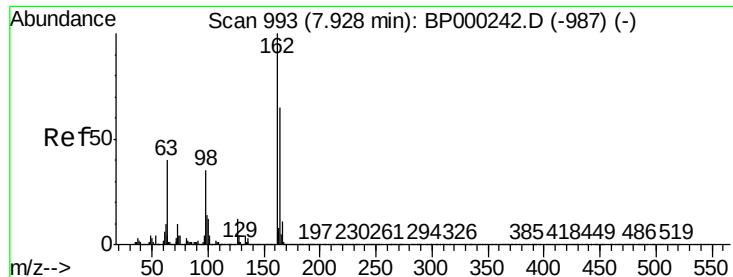
Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion:	93	Resp:	110
Ion	Ratio	Lower	Upper
93	100		
95	181.6	26.2	39.4#
123	68.9	10.2	15.2#





#29

2,4-Dichlorophenol

Concen: 0.005 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BP000288.D

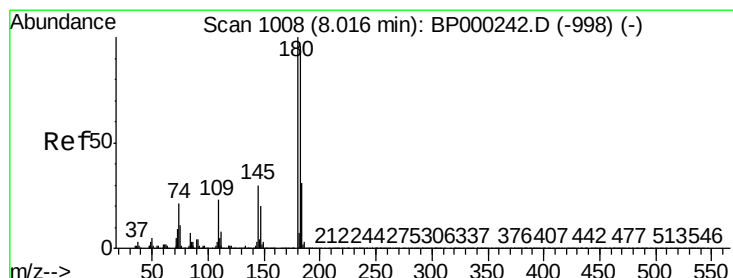
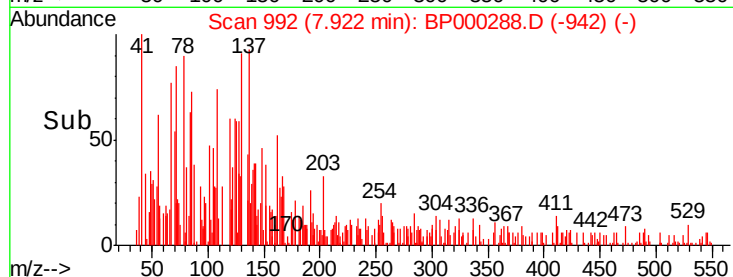
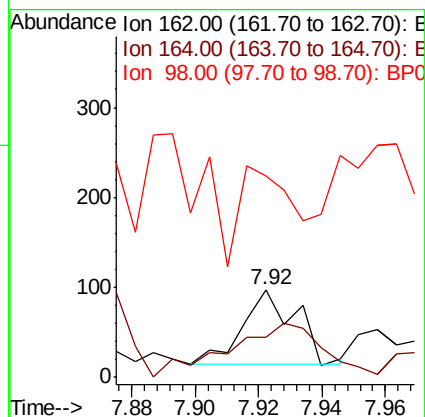
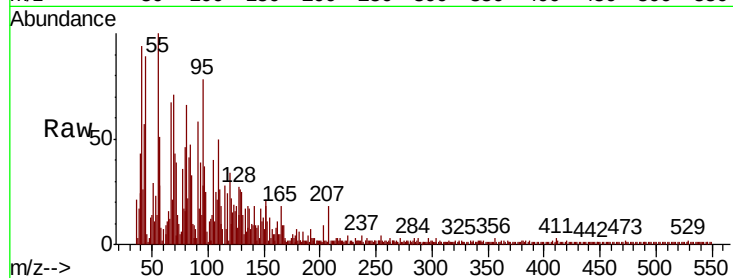
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	162	Resp:	96
Ion	Ratio	Lower	Upper
162	100		
164	44.9	44.5	84.5
98	228.6	15.2	55.2#



#30

1,2,4-Trichlorobenzene

Concen: 0.002 ng

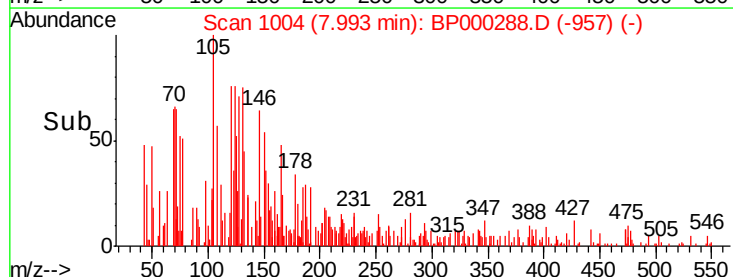
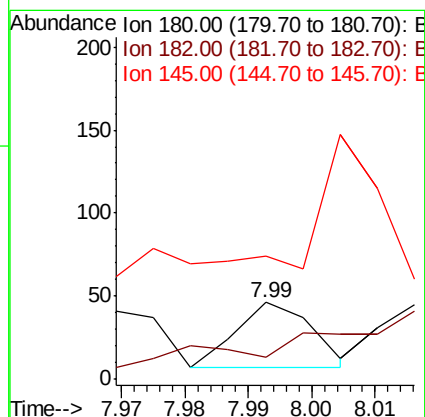
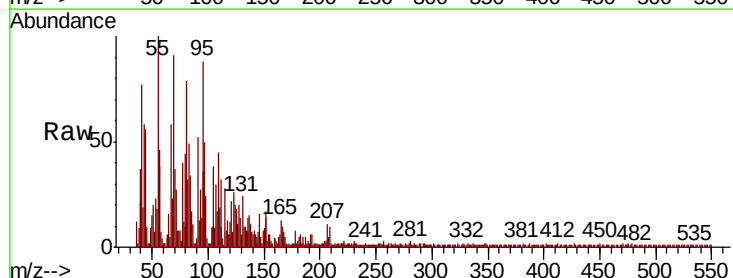
RT: 7.99 min Scan# 1004

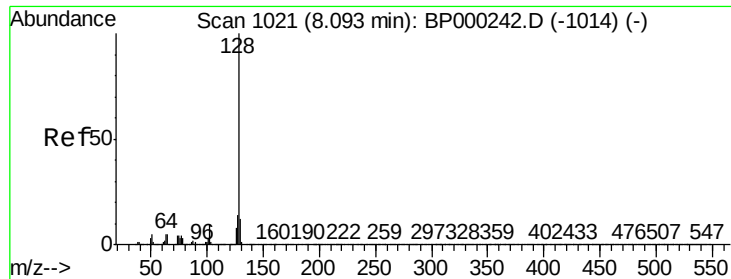
Delta R.T. -0.02 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion:	180	Resp:	32
Ion	Ratio	Lower	Upper
180	100		
182	28.3	77.2	115.8#
145	160.9	24.3	36.5#

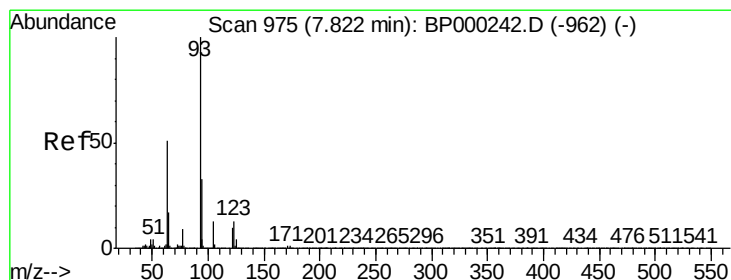
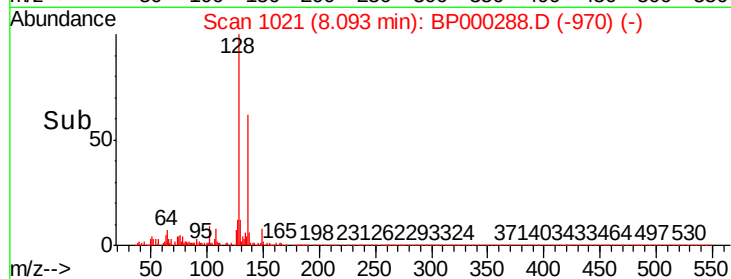
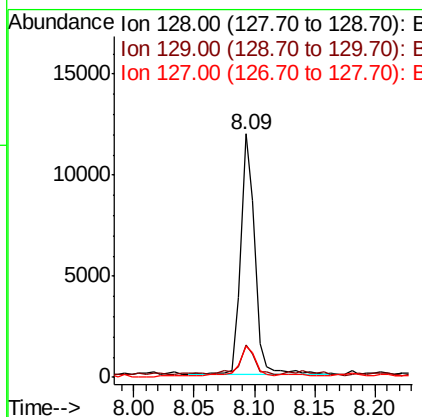
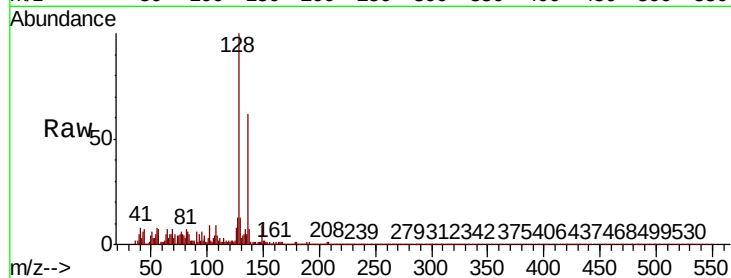




#31
Naphthalene
Concen: 0.167 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

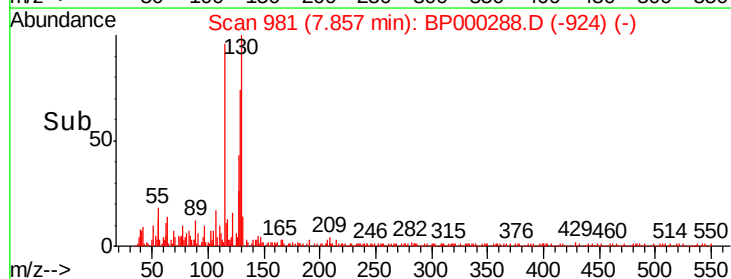
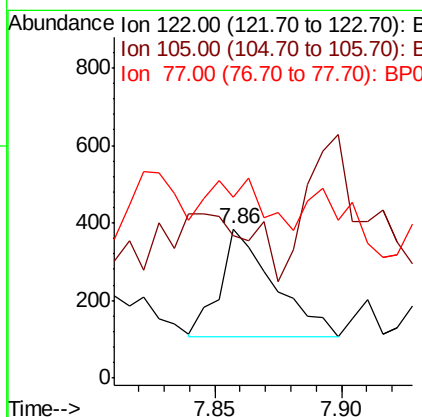
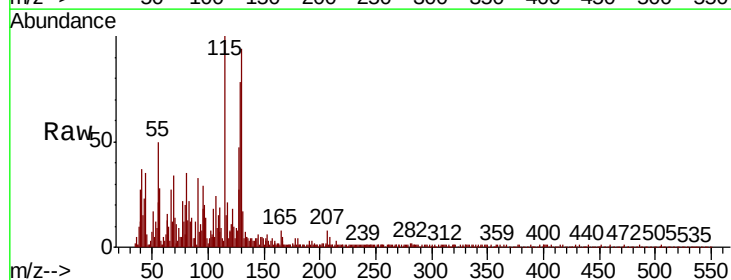
Instrument :
BNA_P
ClientSampleId :

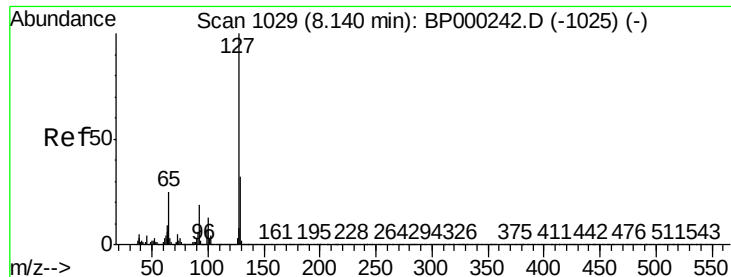
Tot Ion:128 Resp: 9751
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 13.0 11.0 16.6



#32
Benzoic acid
Concen: 0.036 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.04 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:122 Resp: 416
Ion Ratio Lower Upper
122 100
105 95.6 105.4 145.4#
77 121.6 65.3 105.3#

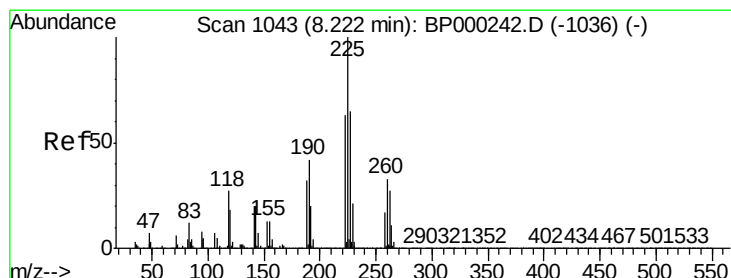
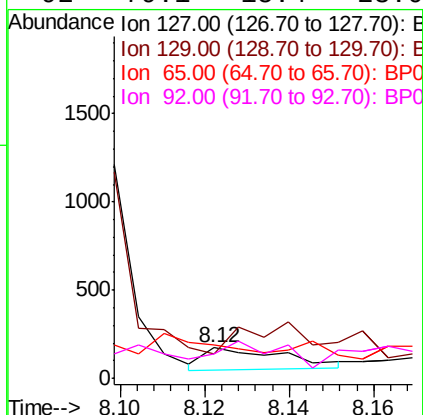
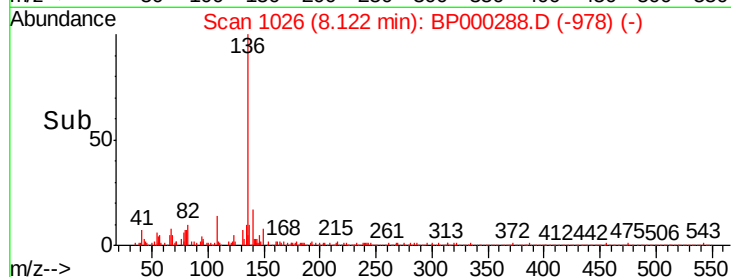
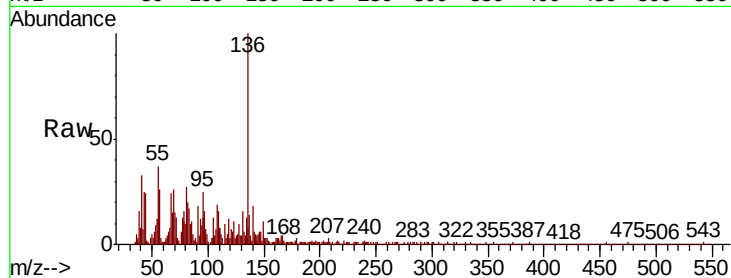




#33
4-Chloroaniline
Concen: 0.006 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

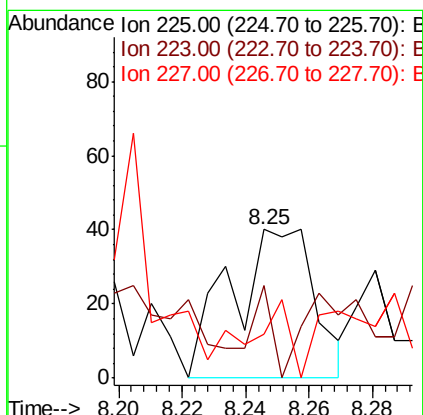
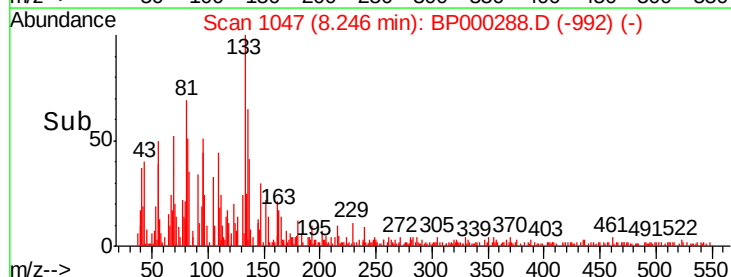
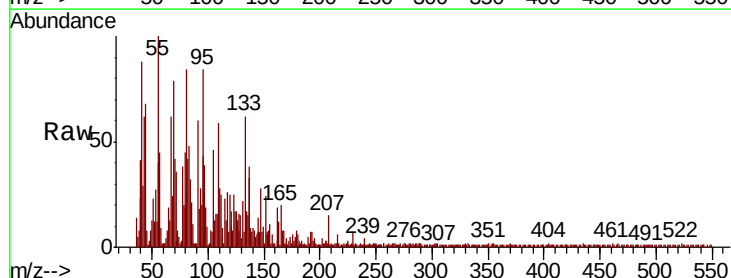
Instrument :
BNA_P
ClientSampleId :

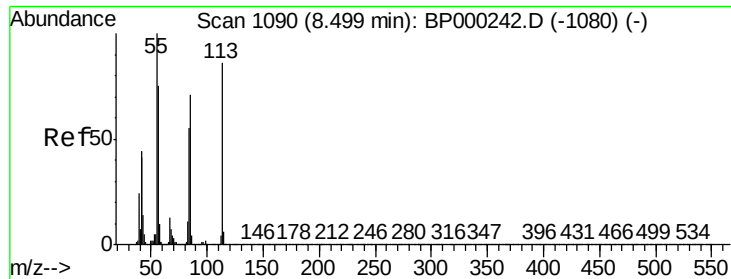
Tot Ion:127	Resp:	166	
Ion Ratio	Lower	Upper	
127 100			
129 78.5	25.7	38.5#	
65 109.3	19.9	29.9#	
92 79.1	15.4	23.0#	



#34
Hexachlorobutadiene
Concen: 0.006 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.02 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:225	Resp:	74
Ion Ratio	Lower	Upper
225 100		
223 62.5	50.2	75.2
227 30.0	51.8	77.6#

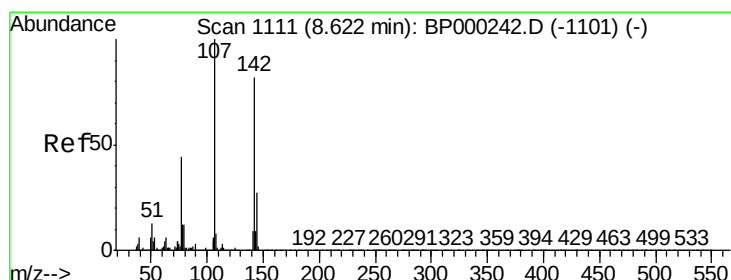
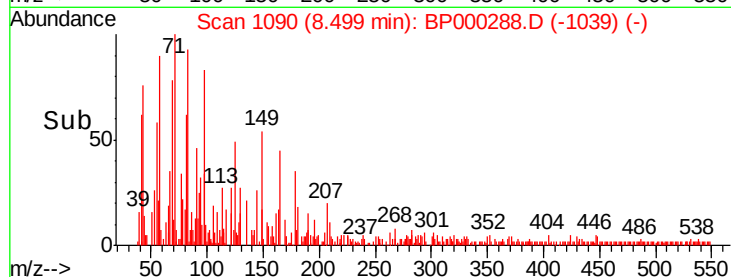
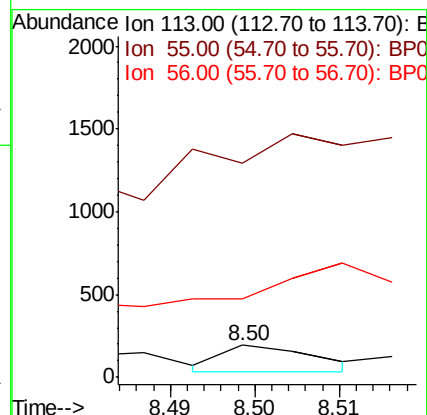
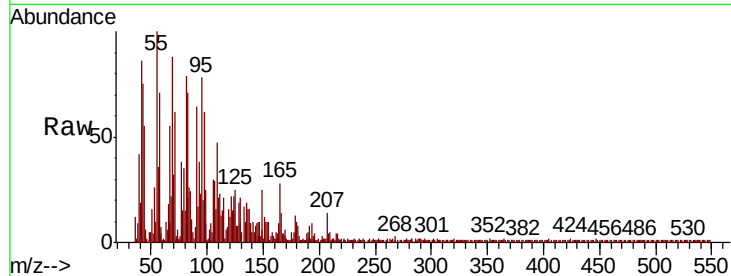




#35
Caprolactam
Concen: 0.020 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

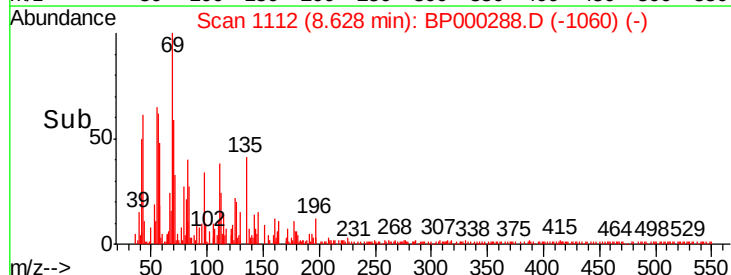
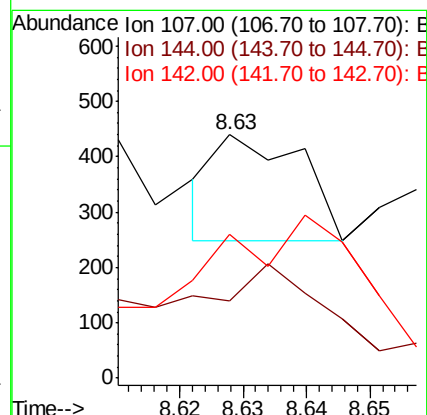
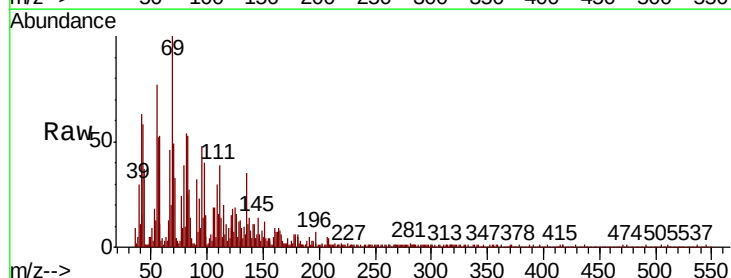
Instrument :
BNA_P
ClientSampleId :

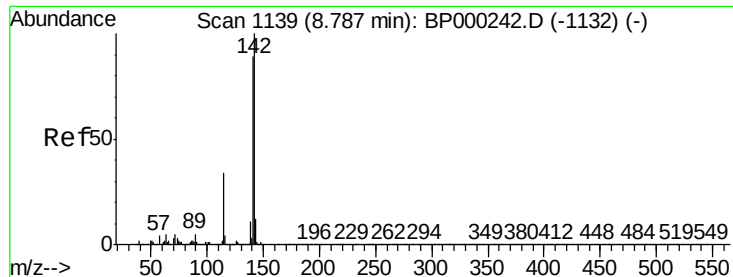
Tot Ion:113 Resp: 125
Ion Ratio Lower Upper
113 100
55 671.5 96.8 136.8#
56 245.1 67.5 107.5#



#36
4-Chloro-3-methylphenol
Concen: 0.009 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:107 Resp: 177
Ion Ratio Lower Upper
107 100
144 31.8 21.5 32.3
142 58.9 65.7 98.5#

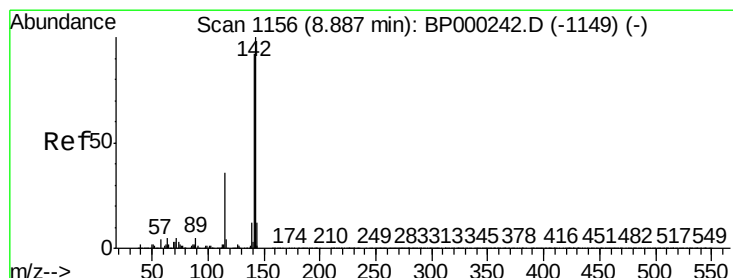
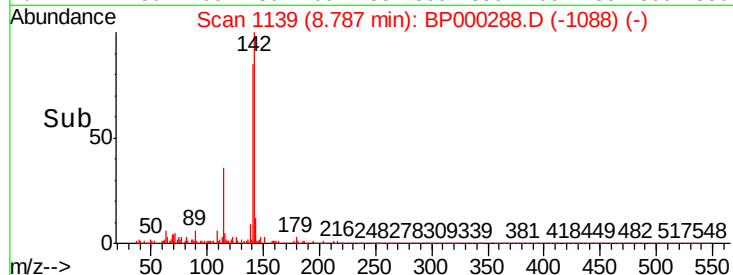
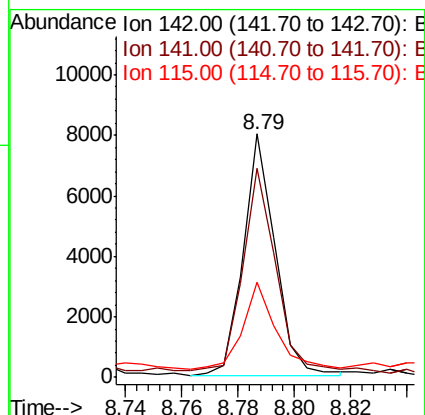
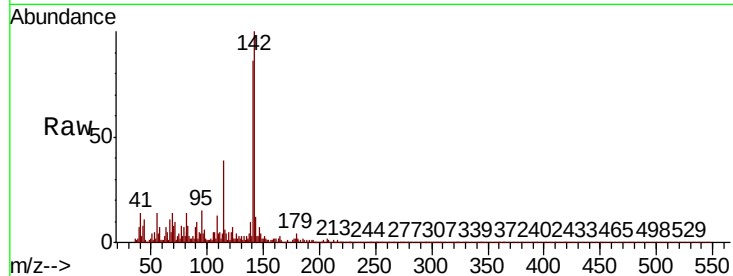




#37
2-Methylnaphthalene
Concen: 0.157 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

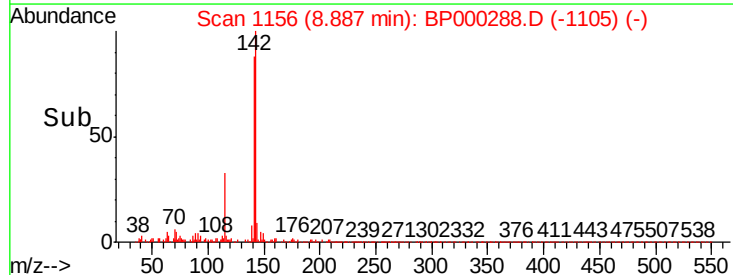
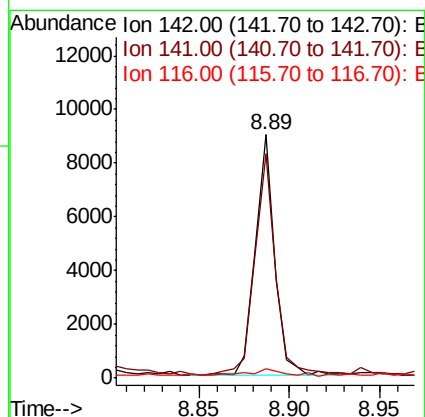
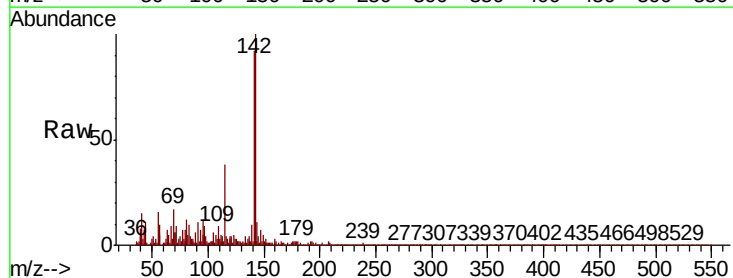
Instrument :
BNA_P
ClientSampleId :

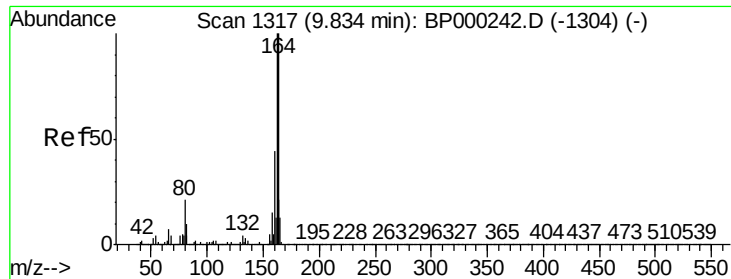
Tot Ion:142 Resp: 6259
Ion Ratio Lower Upper
142 100
141 85.7 71.3 106.9
115 38.9 27.2 40.8



#38
1-Methylnaphthalene
Concen: 0.180 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:142 Resp: 6720
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9
116 4.0 3.0 4.6

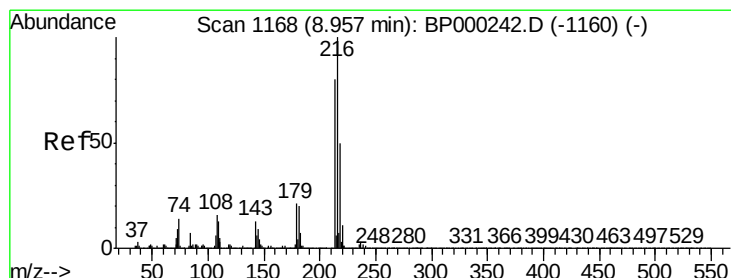
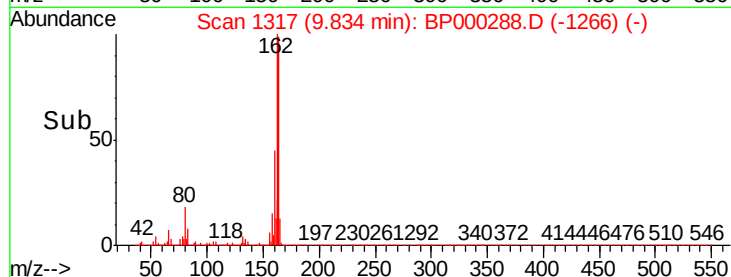
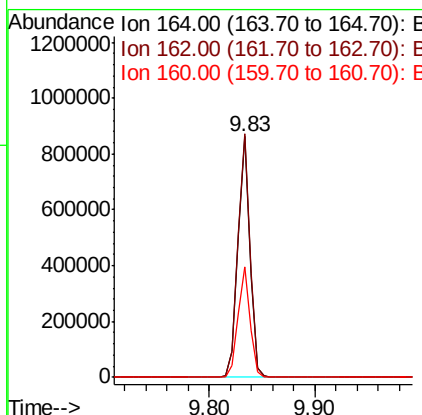
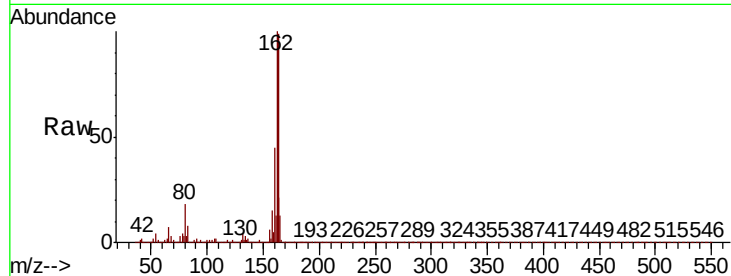




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

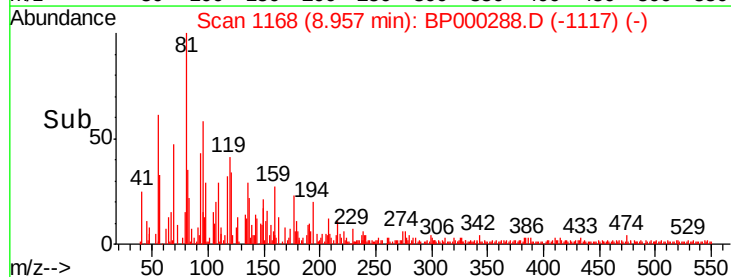
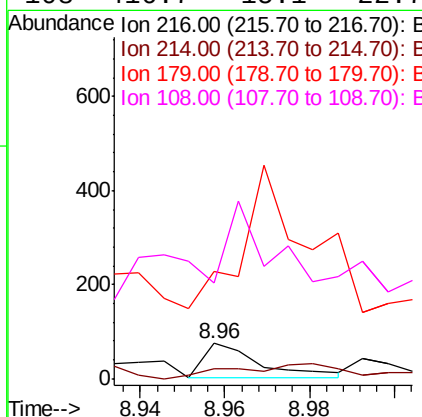
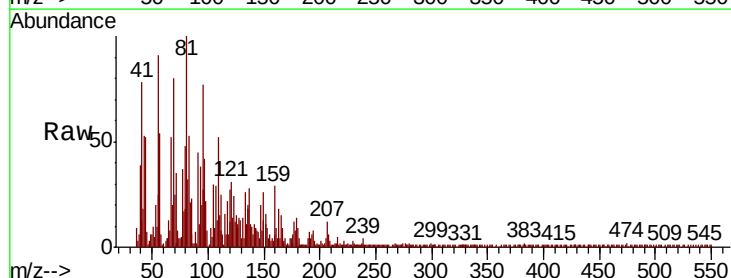
Instrument :
BNA_P
ClientSampled :

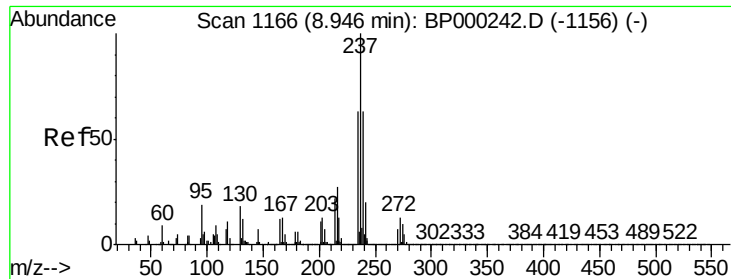
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	45.7	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.003 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.6	95.4#
179	595.5	17.0	25.4#
108	416.7	15.1	22.7#





#41

Hexachlorocyclopentadiene

Concen: 0.001 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.06 min

Lab File: BP000288.D

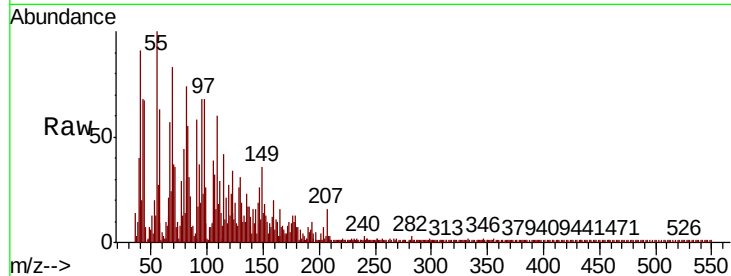
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampled :

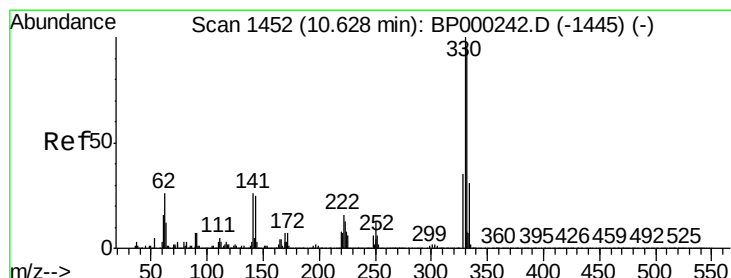
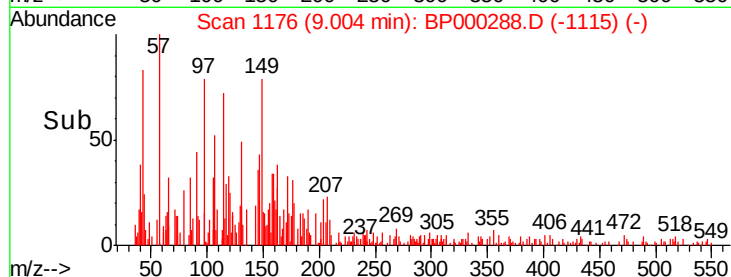
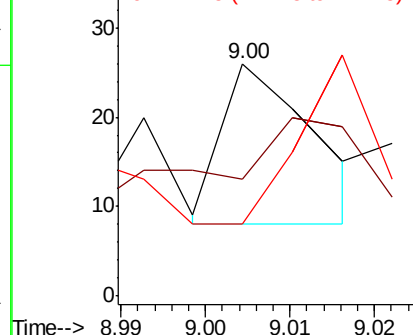
Tot Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	50.0	43.5	83.5
272	30.8	0.0	33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 4.232 ng

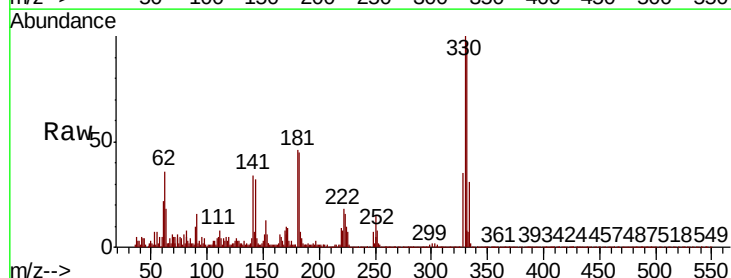
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

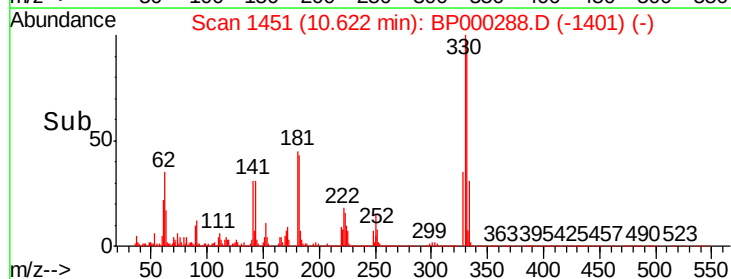
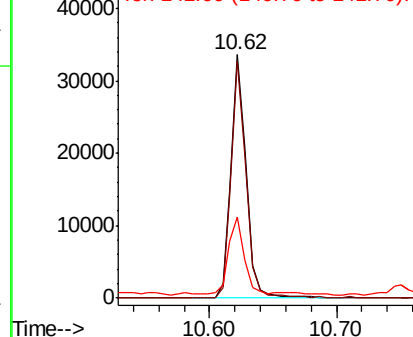
Tgt Ion:	330	Resp:	27879
Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	32.1	26.5	39.7

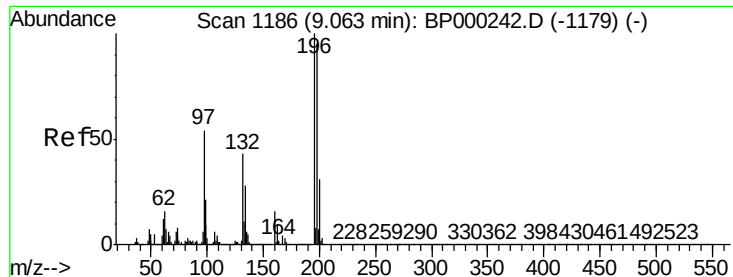


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

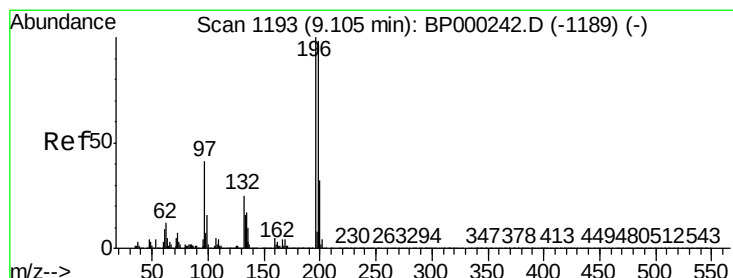
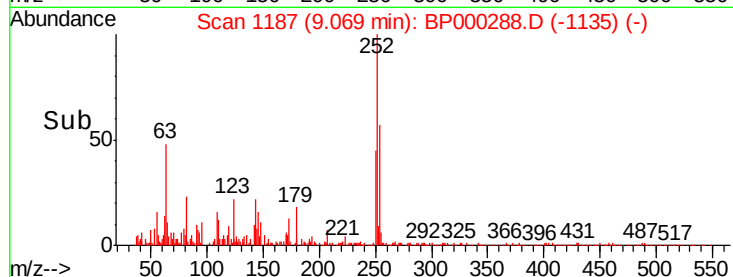
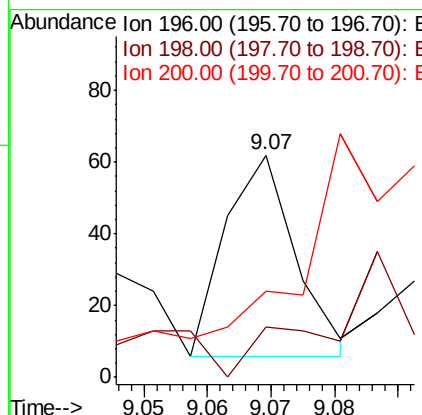
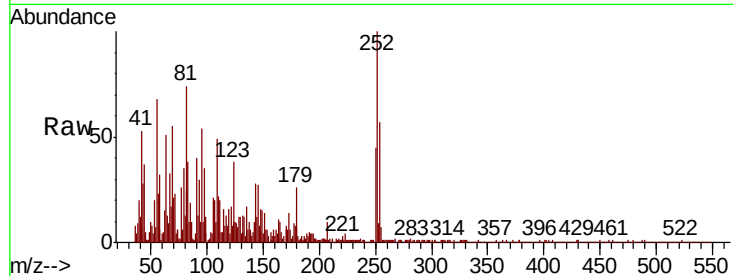




#43
 2,4,6-Trichlorophenol
 Concen: 0.003 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

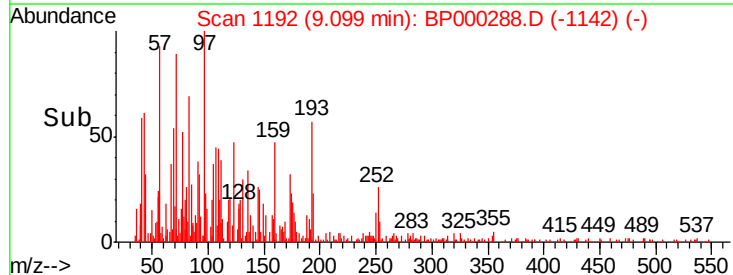
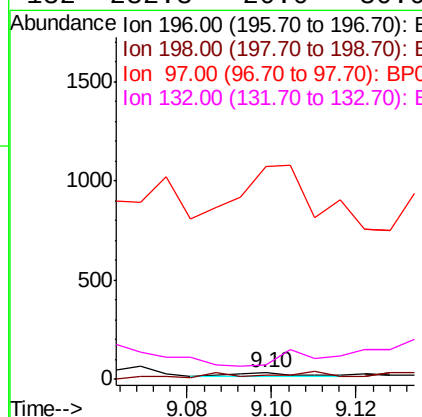
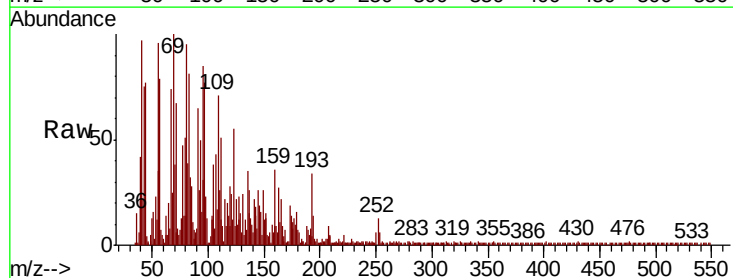
Instrument :
 BNA_P
 ClientSampleId :

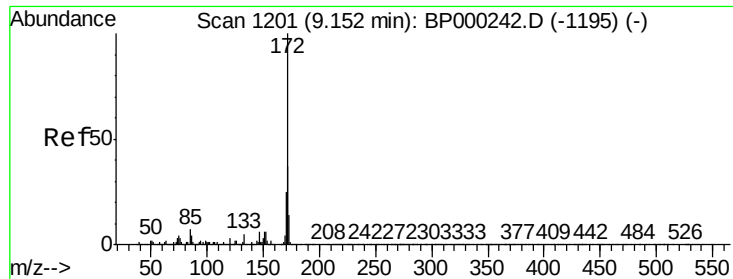
Tot Ion:196 Resp: 43
 Ion Ratio Lower Upper
 196 100
 198 22.6 76.0 114.0#
 200 38.7 24.6 37.0#



#44
 2,4,5-Trichlorophenol
 Concen: 0.002 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

Tgt Ion:196 Resp: 25
 Ion Ratio Lower Upper
 196 100
 198 54.8 78.1 117.1#
 97 3464.5 33.3 49.9#
 132 232.3 20.0 30.0#

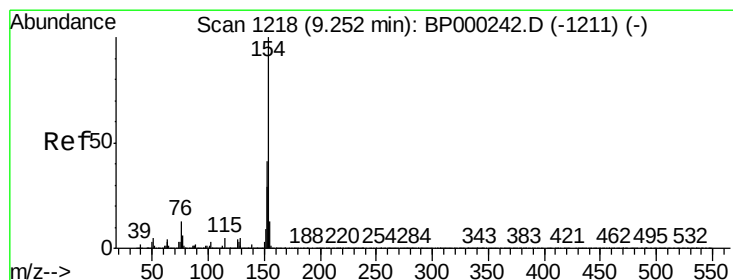
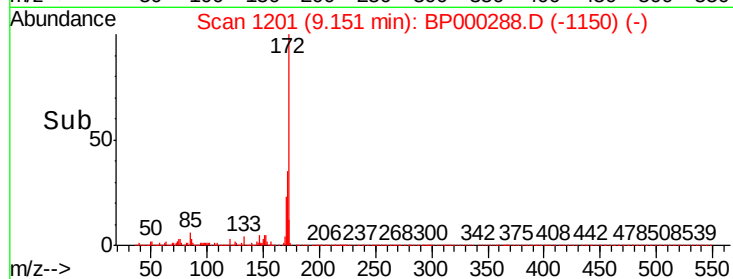
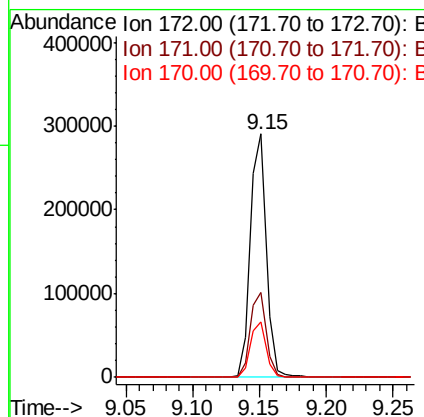
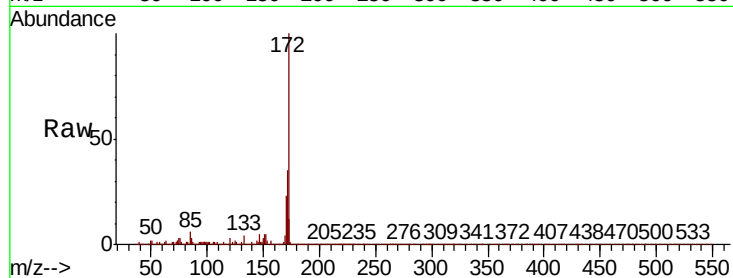




#45
2-Fluorobiphenyl
Concen: 6.474 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

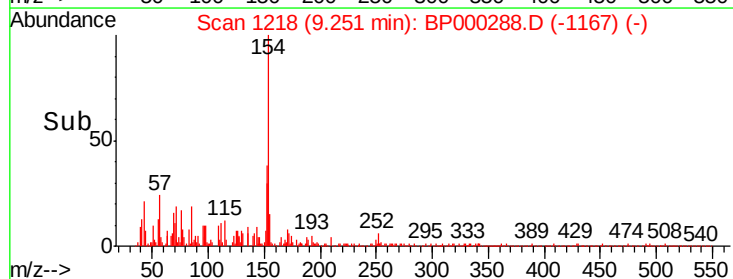
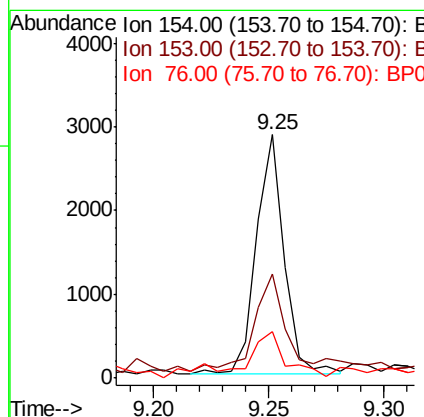
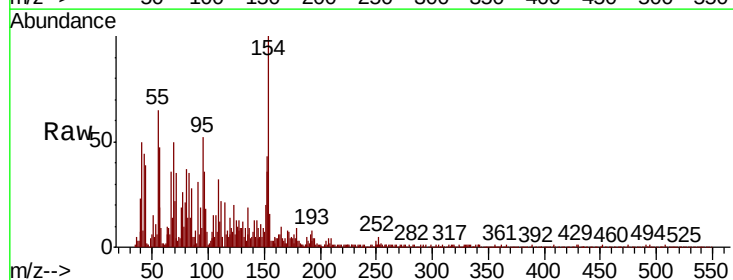
Instrument :
BNA_P
ClientSampleId :

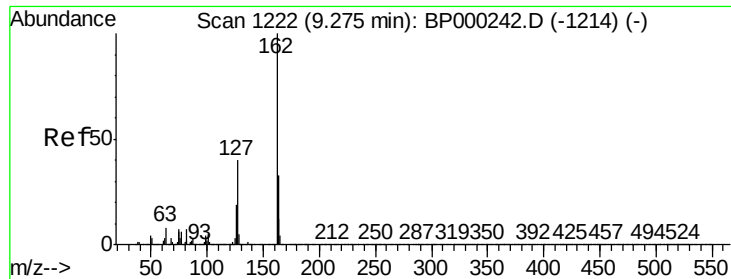
Tot	Ion:172	Resp:	238877
Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.8	44.6
170	23.0	19.8	29.6



#46
1,1'-Biphenyl
Concen: 0.053 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion	154	Resp: Lower	2433 Upper
154	100		
153	42.6	21.4	61.4
76	19.2	0.0	33.4





#47

2-Chloronaphthalene

Concen: 0.019 ng

RT: 9.45 min Scan# 1252

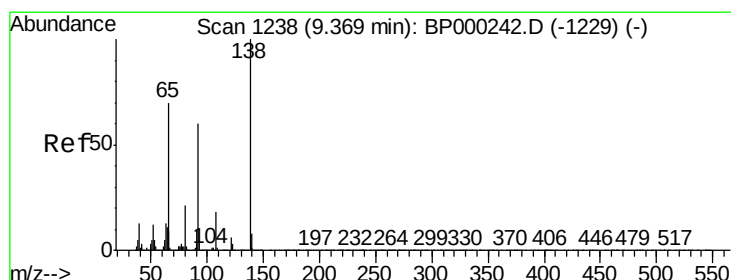
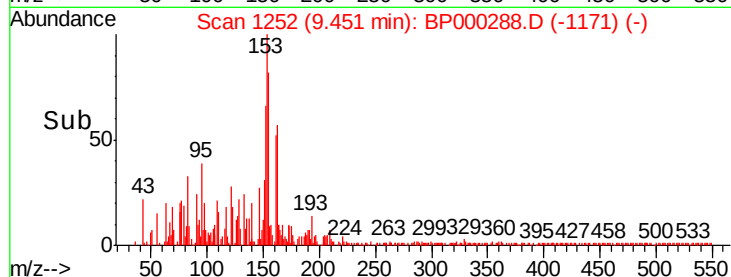
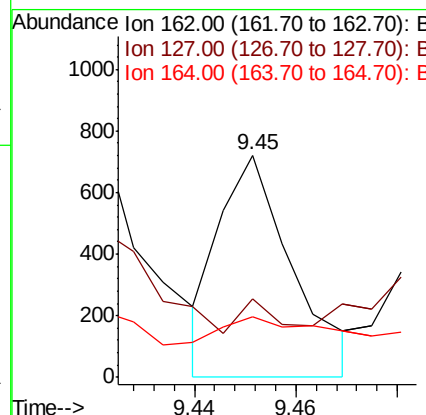
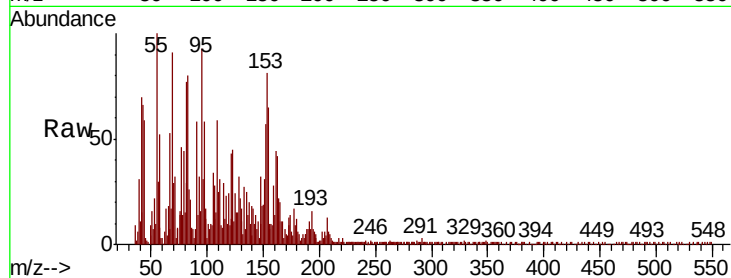
Delta R.T. 0.18 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.3	32.4	48.6
164	27.3	26.3	39.5



#48

2-Nitroaniline

Concen: 0.026 ng

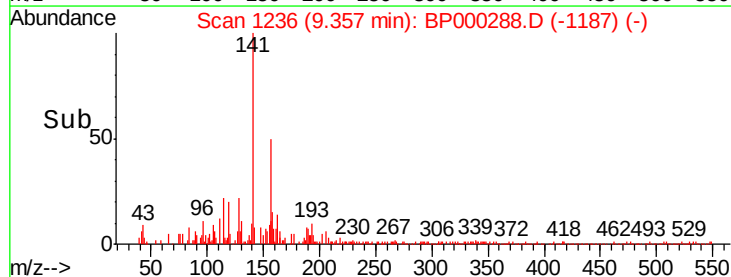
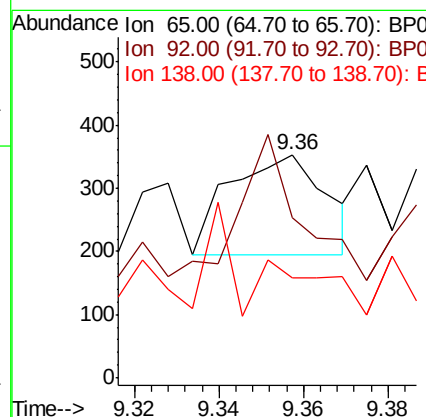
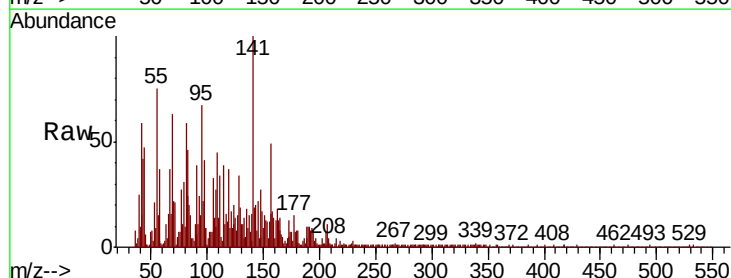
RT: 9.36 min Scan# 1236

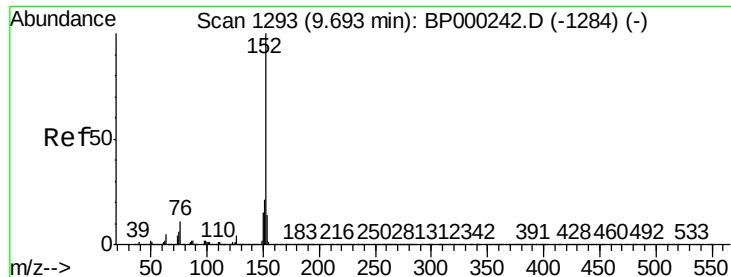
Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	68.7	103.1
138	45.0	114.4	171.6#





#49

Acenaphthylene

Concen: 1.104 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

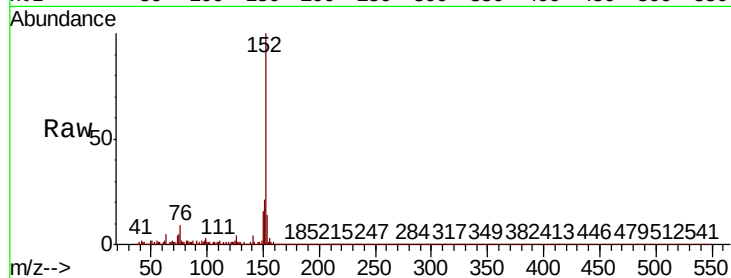
Tot Ion:152 Resp: 63964

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

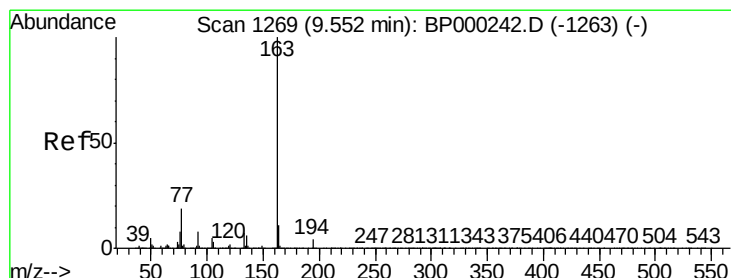
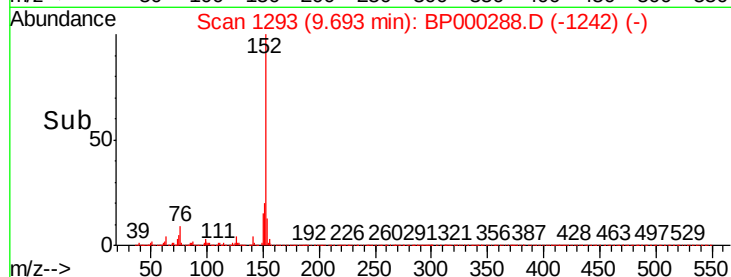
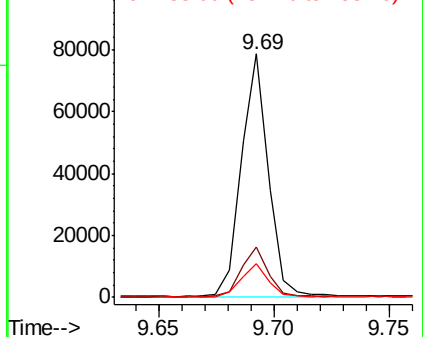
153 13.6 11.0 16.4



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: 0.725 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

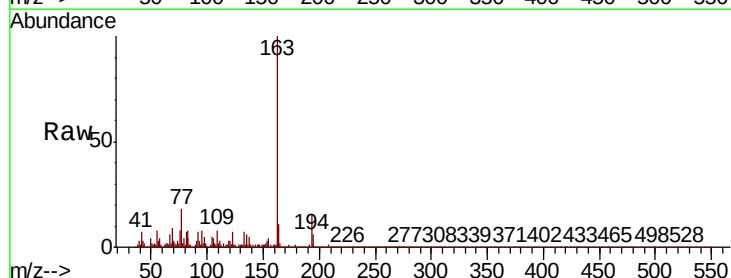
Tgt Ion:163 Resp: 32825

Ion Ratio Lower Upper

163 100

194 6.4 3.4 5.0#

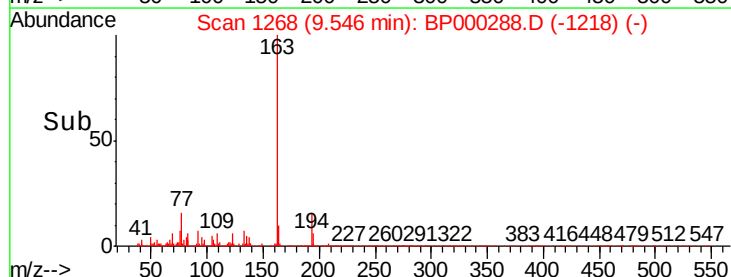
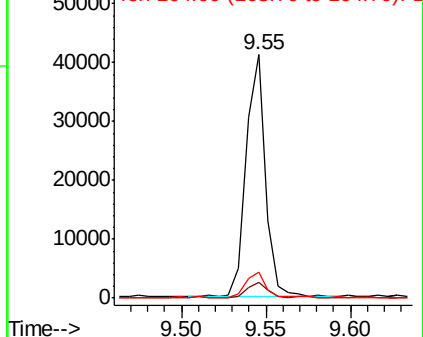
164 10.6 8.5 12.7

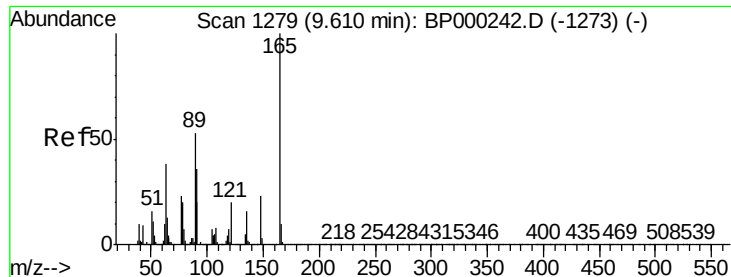


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.802 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.22 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

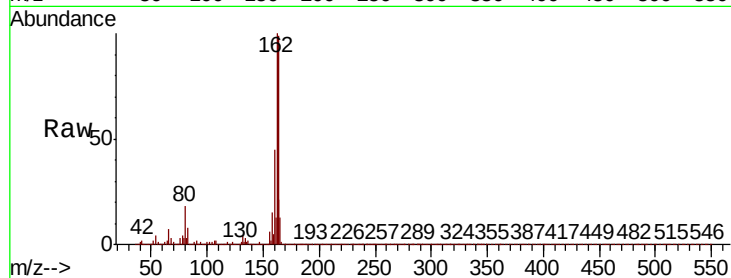
Tot Ion:165 Resp: 87573

Ion Ratio Lower Upper

165 100

63 1.1 35.8 53.8#

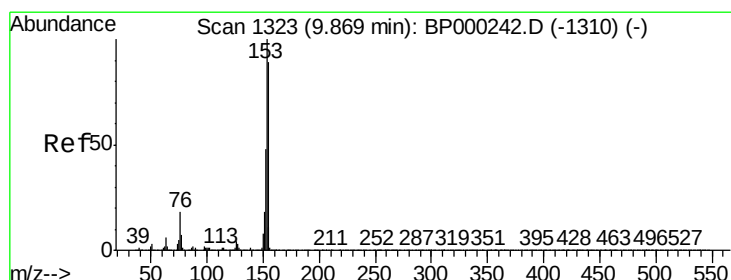
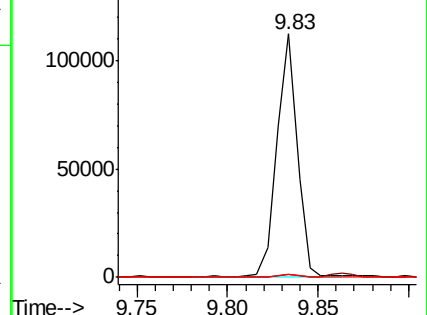
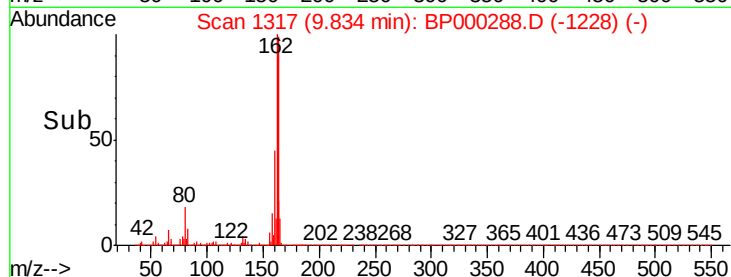
89 1.3 42.6 63.8#



Abundance Ion 165.00 (164.70 to 165.70): E

150000 Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 0.750 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

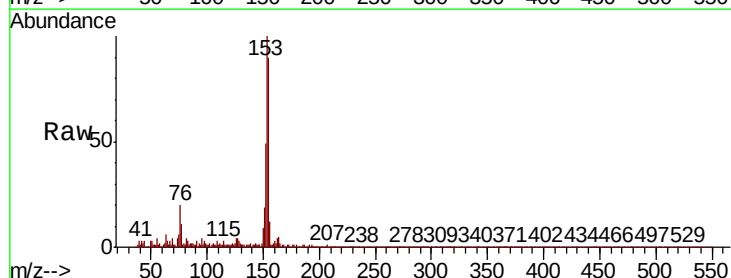
Tgt Ion:154 Resp: 27405

Ion Ratio Lower Upper

154 100

153 111.6 89.8 134.6

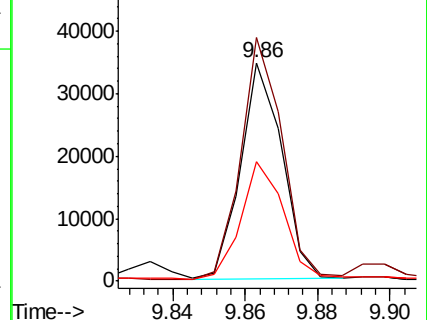
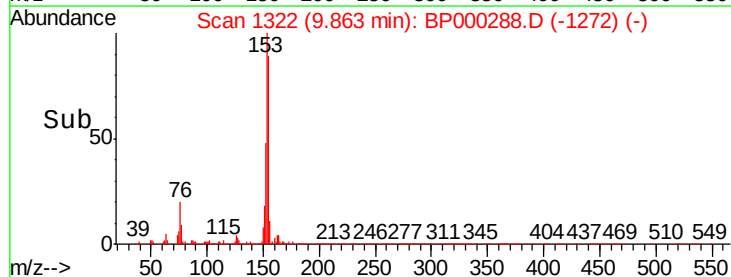
152 54.5 43.4 65.0

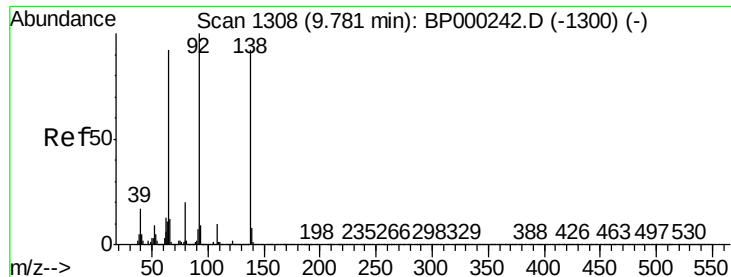


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

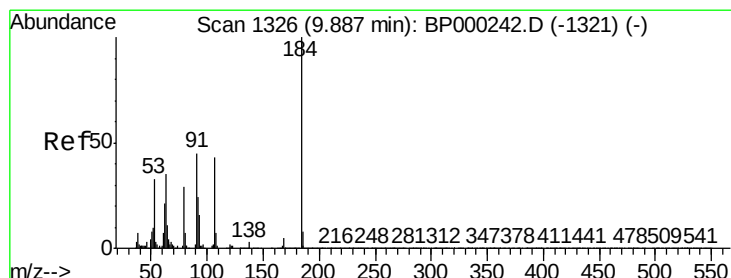
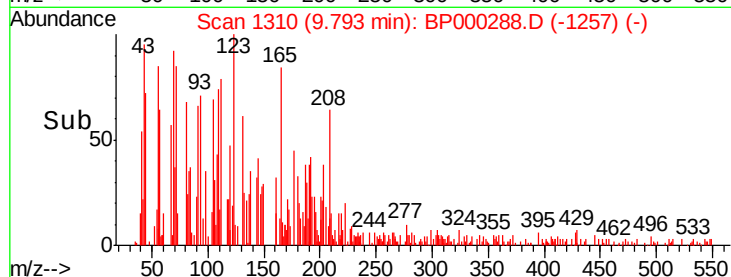
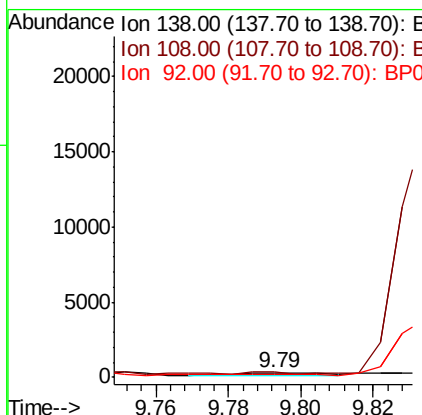
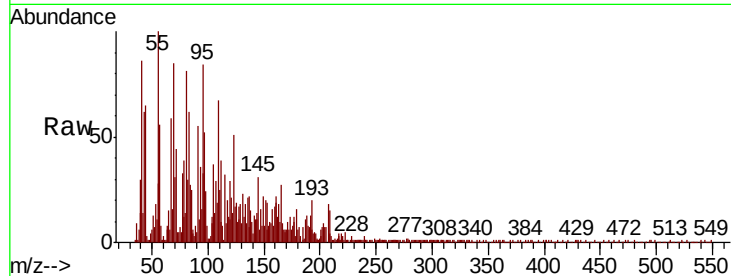




#53
3-Nitroaniline
Concen: 0.022 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

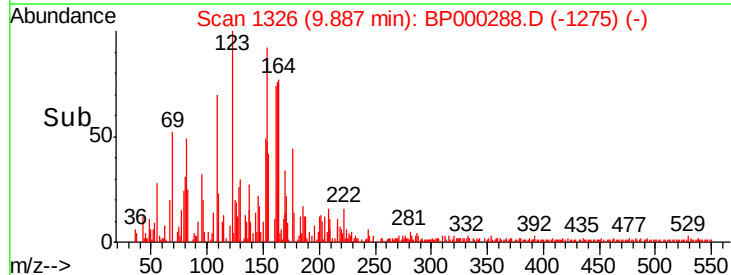
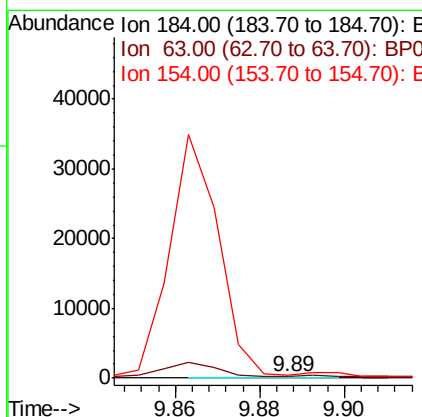
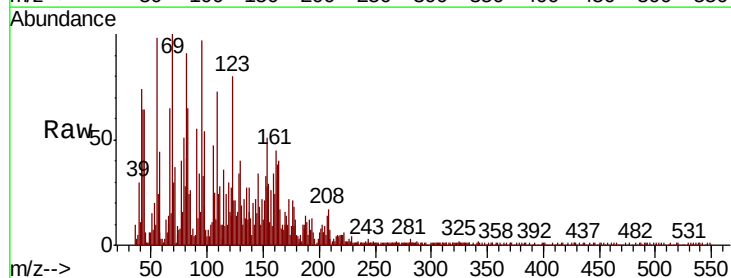
Instrument :
BNA_P
ClientSampleId :

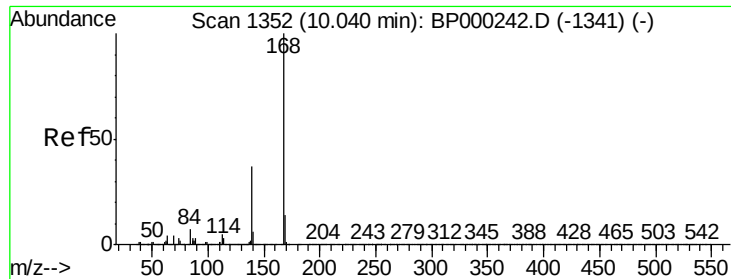
Tot Ion:138 Resp: 259
Ion Ratio Lower Upper
138 100
108 128.4 9.1 13.7#
92 73.0 86.7 130.1#



#54
2,4-Dinitrophenol
Concen: 0.011 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 387.0 39.5 59.3#
154 931.5 48.8 73.2#





#55

Dibenzofuran

Concen: 0.529 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

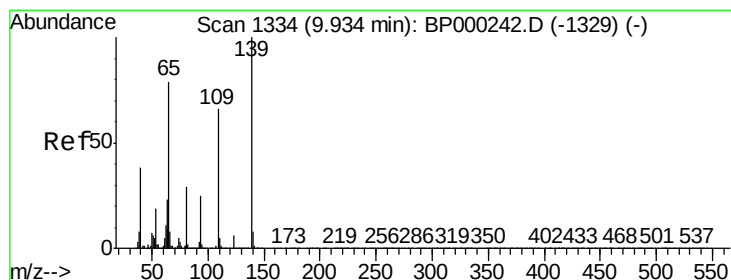
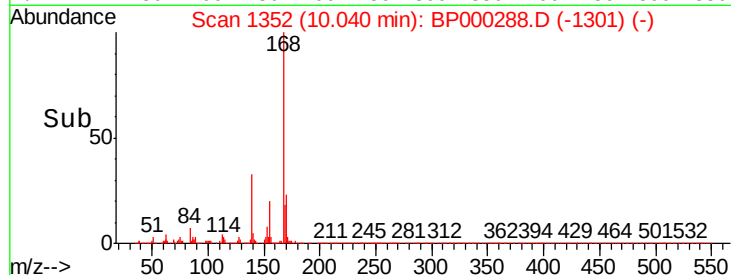
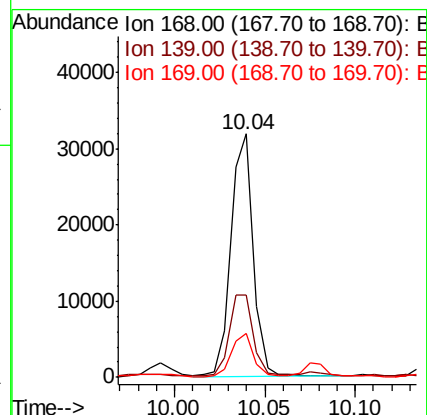
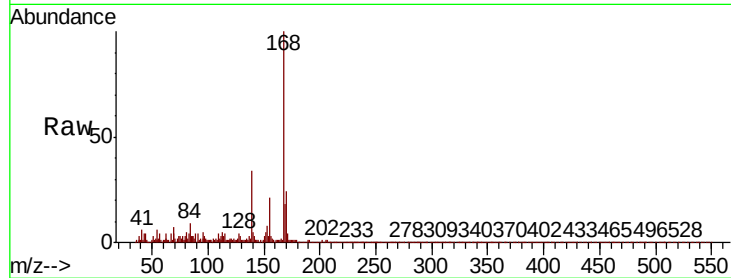
Tot Ion:168 Resp: 27333

Ion Ratio Lower Upper

168 100

139 33.7 30.0 45.0

169 18.0 11.0 16.6#



#56

4-Nitrophenol

Concen: 0.063 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

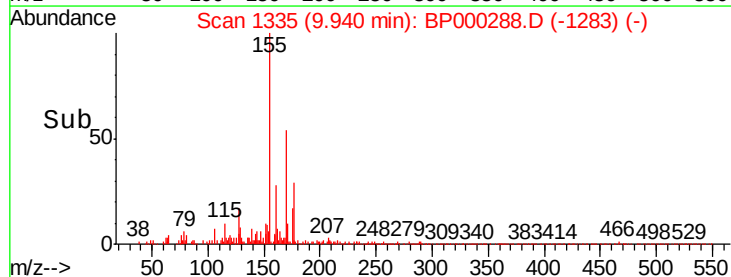
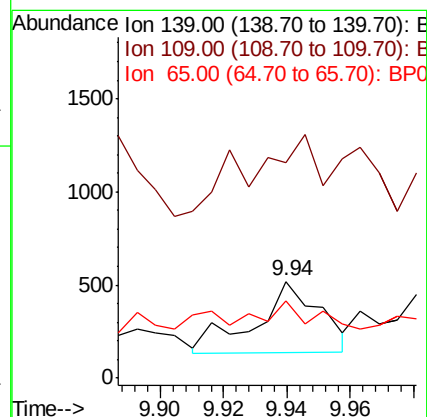
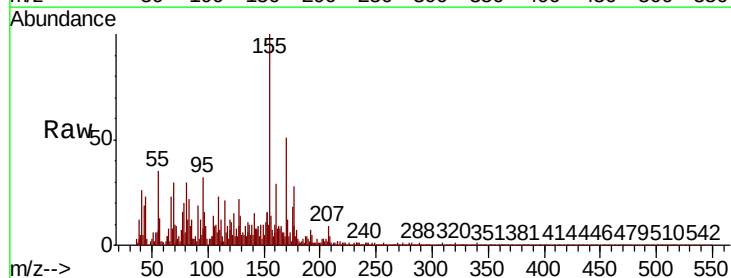
Tgt Ion:139 Resp: 538

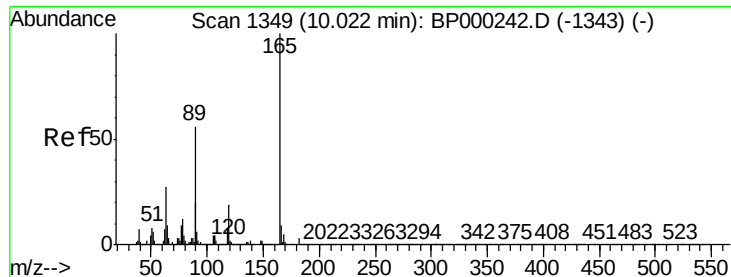
Ion Ratio Lower Upper

139 100

109 222.5 46.2 86.2#

65 79.8 59.4 99.4

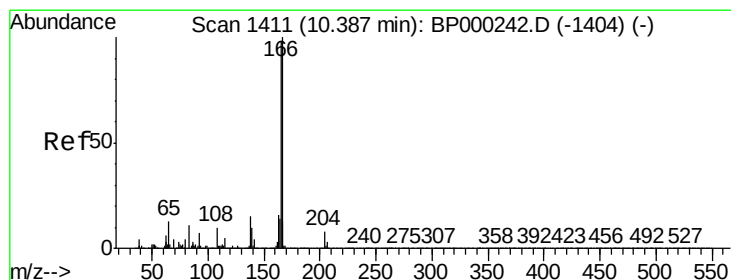
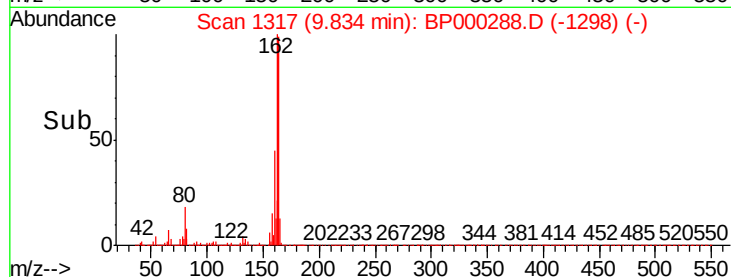
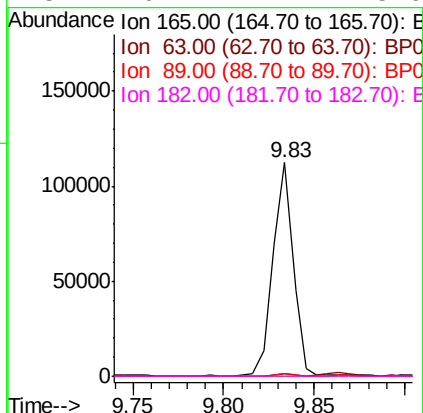
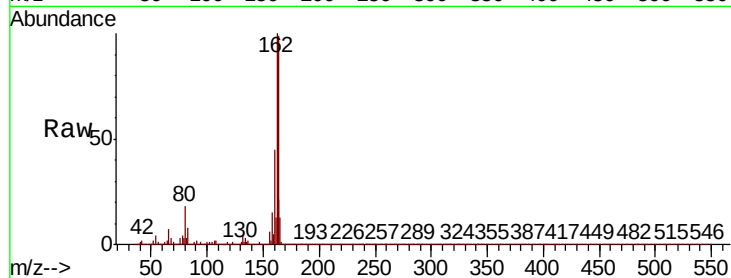




#57
2,4-Dinitrotoluene
Concen: 6.733 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

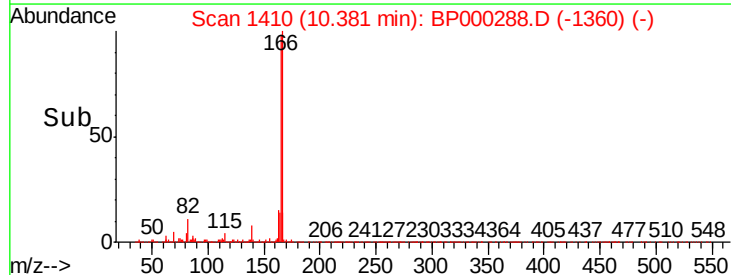
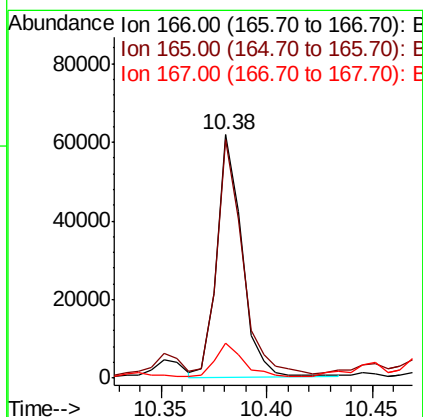
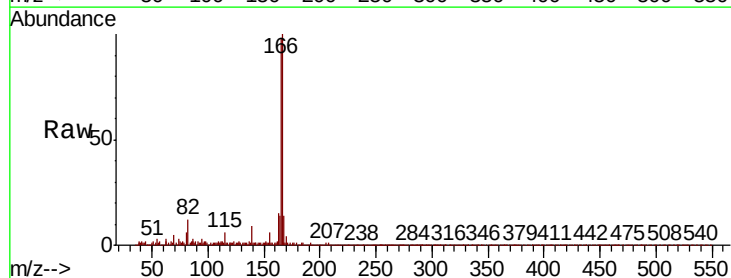
Instrument :
BNA_P
ClientSampleId :

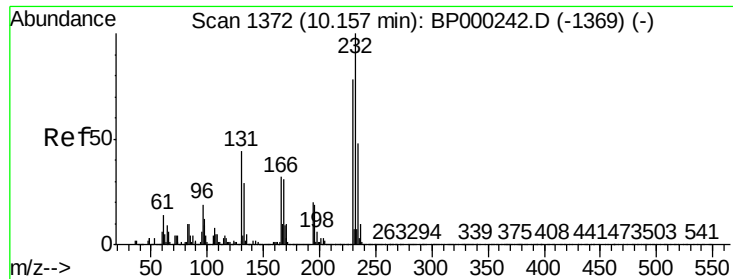
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.3	45.0	67.6#
182	0.2	2.4	3.6#



#58
Fluorene
Concen: 1.291 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	14.2	10.7	16.1

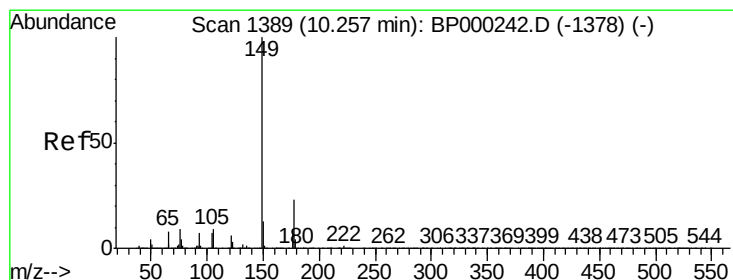
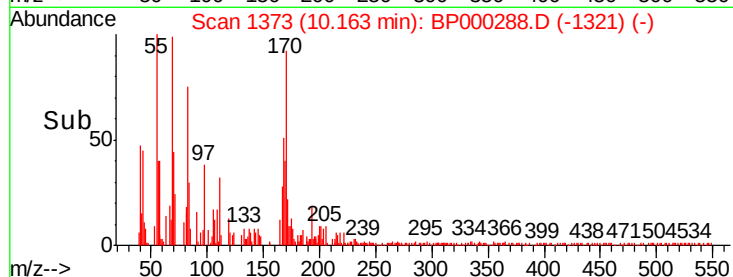
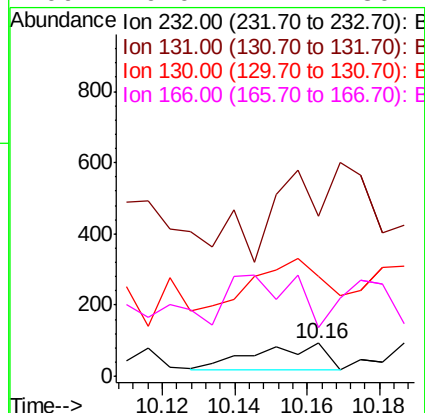
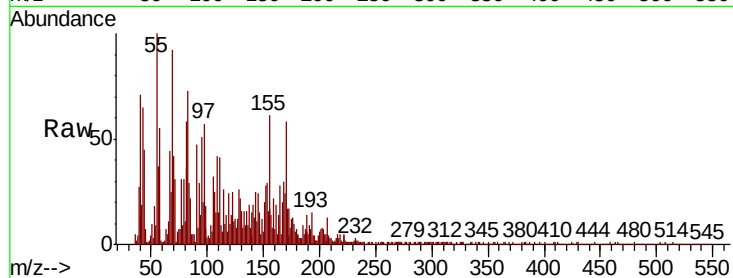




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.009 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

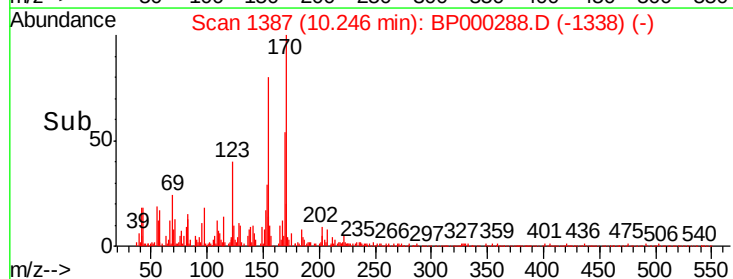
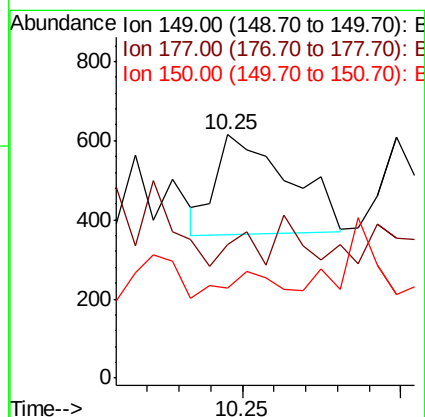
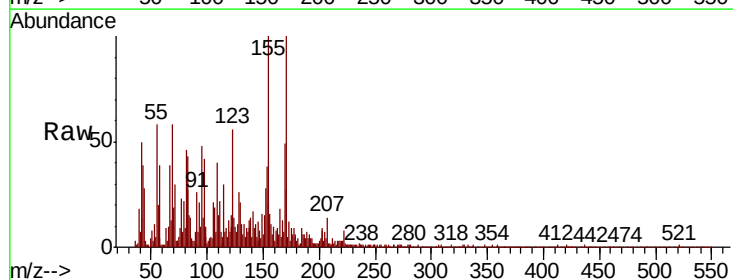
Instrument :
BNA_P
ClientSampleId :

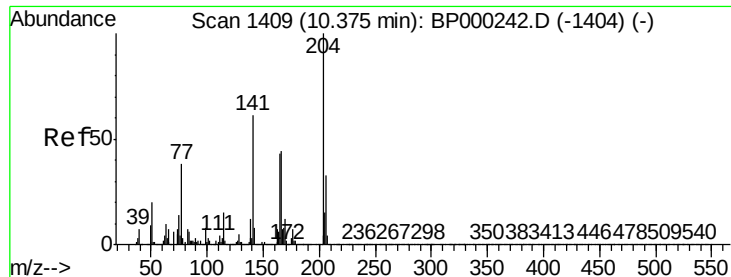
Tot Ion	Ratio	Lower	Upper
232	100		
131	178.2	33.6	50.4#
130	258.4	1.8	2.6#
166	0.0	24.2	36.2#



#60
Diethylphthalate
Concen: 0.009 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	54.6	18.1	27.1#
150	36.9	10.3	15.5#

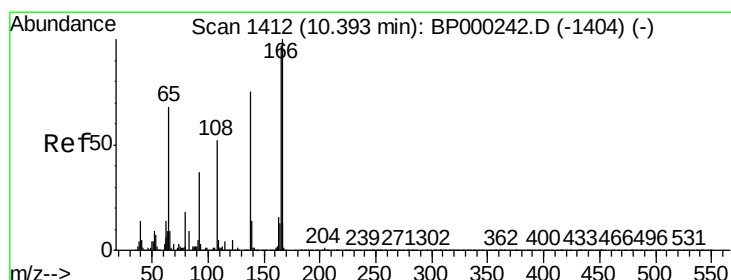
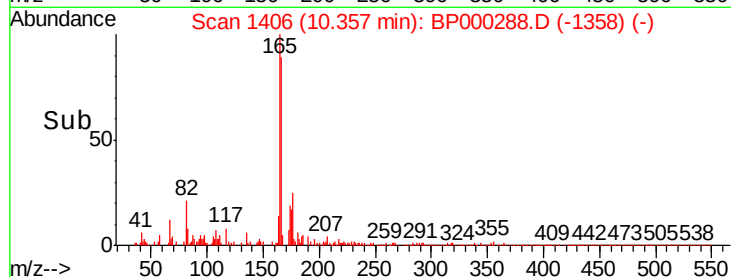
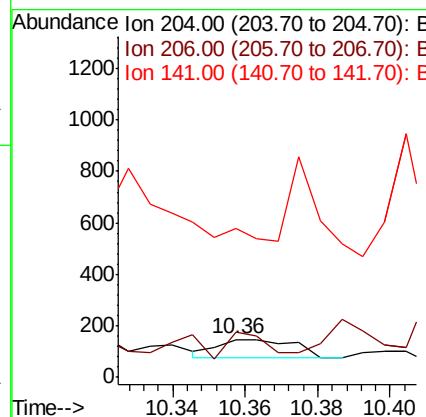
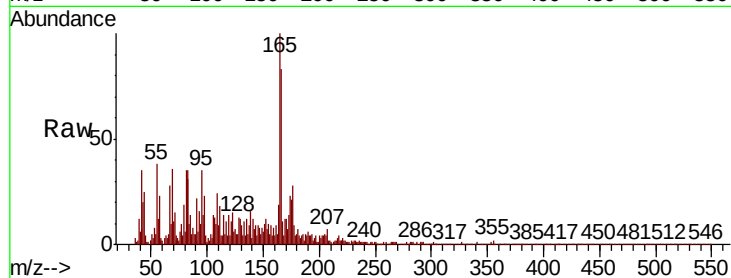




#61
4-Chlorophenyl-phenylether
Concen: 0.005 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

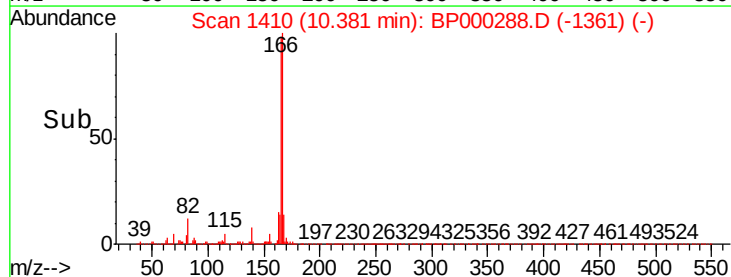
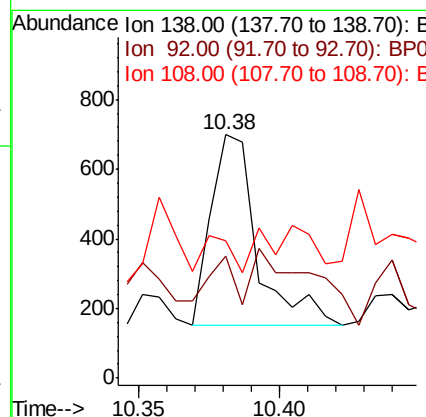
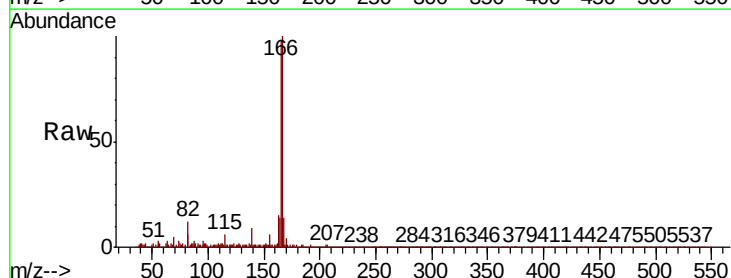
Instrument :
BNA_P
ClientSampleId :

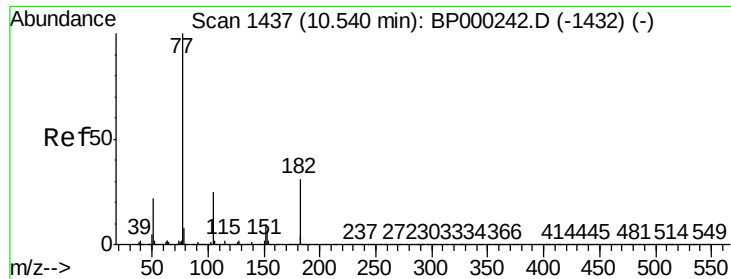
Tot Ion:204 Resp: 107
Ion Ratio Lower Upper
204 100
206 121.9 26.3 39.5#
141 397.9 48.6 72.8#



#62
4-Nitroaniline
Concen: 0.055 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:138 Resp: 622
Ion Ratio Lower Upper
138 100
92 49.9 30.1 70.1
108 56.5 49.5 89.5

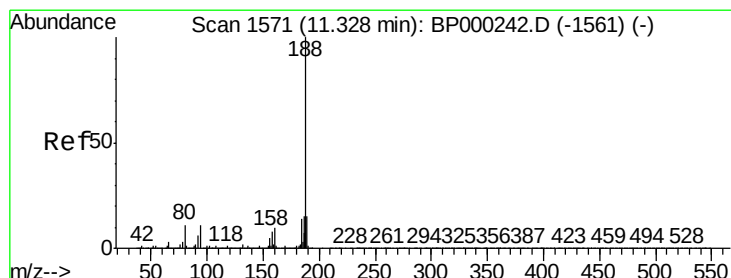
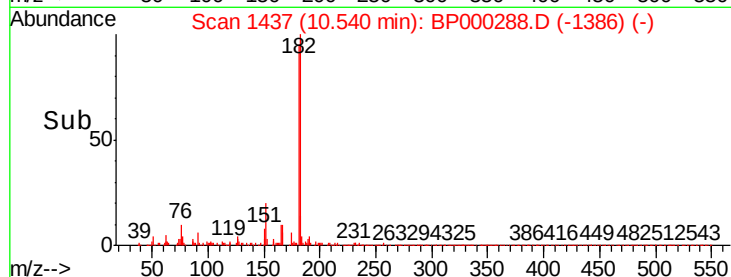
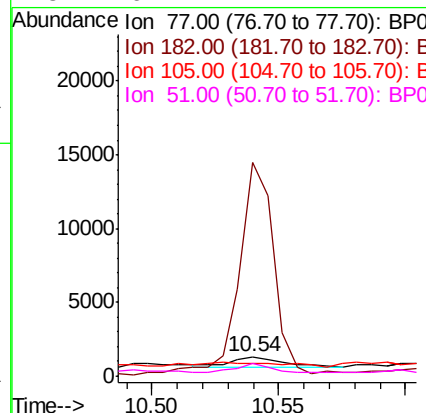
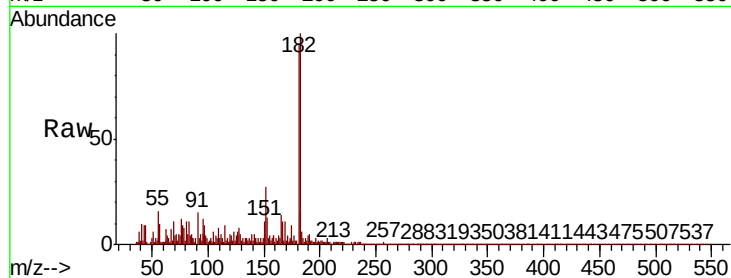




#63
Azobenzene
Concen: 0.025 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

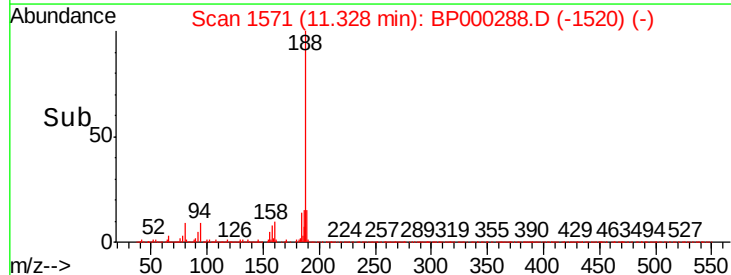
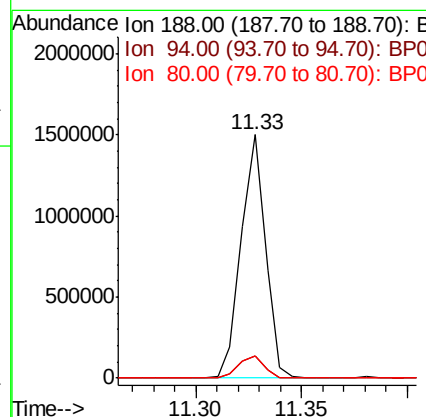
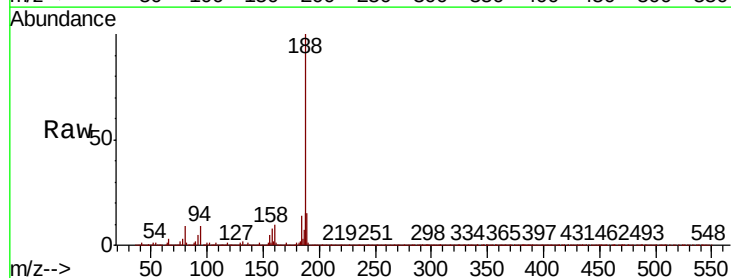
Instrument :
BNA_P
ClientSampleId :

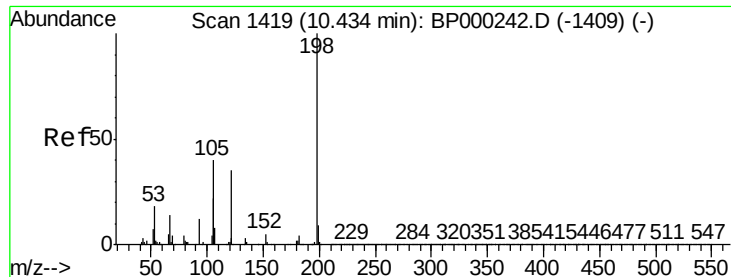
Tot Ion: 77 Resp: 926
Ion Ratio Lower Upper
77 100
182 1099.6 11.1 51.1#
105 62.9 4.7 44.7#
51 64.1 2.2 42.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion: 188 Resp: 1195872
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.1 8.6 13.0

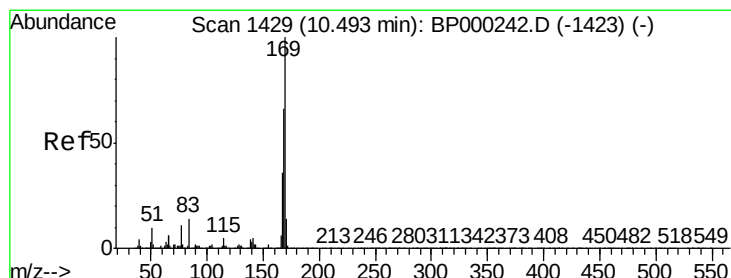
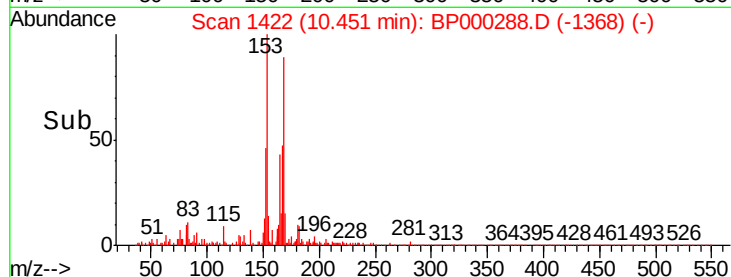
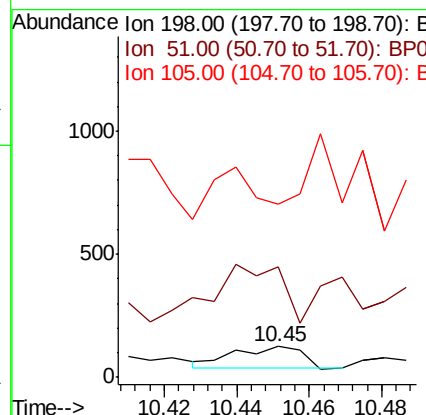
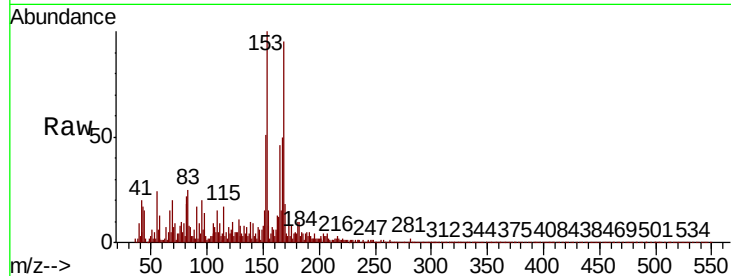




#65
4,6-Dinitro-2-methylphenol
Concen: 0.020 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.02 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

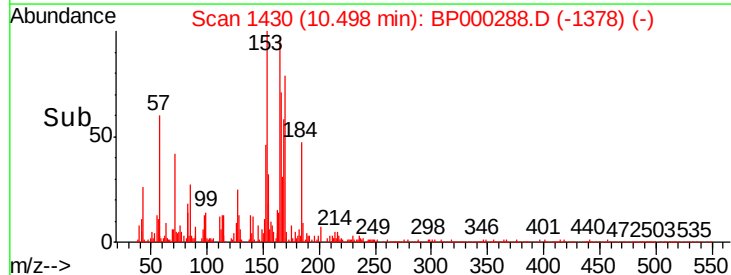
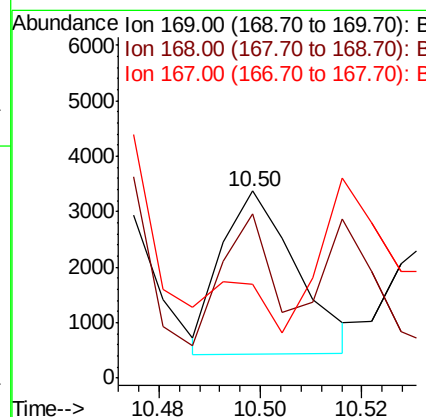
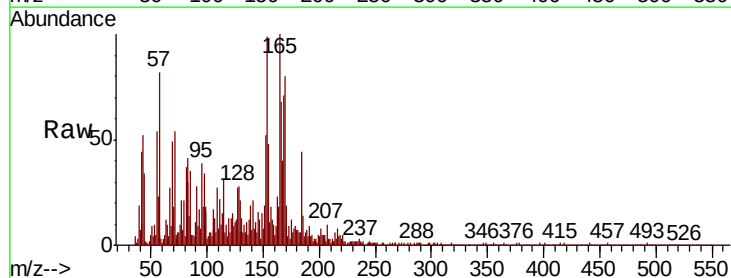
Instrument :
BNA_P
ClientSampled :

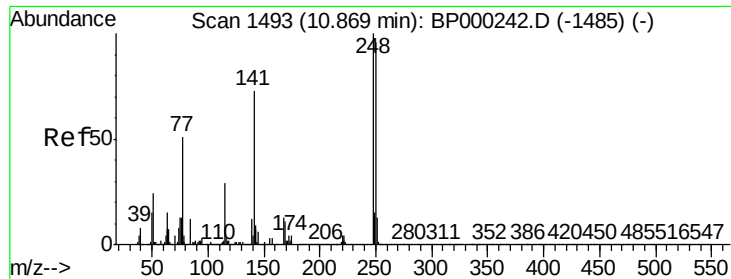
Tot Ion:198 Resp: 115
Ion Ratio Lower Upper
198 100
51 361.3 7.4 47.4#
105 566.1 20.2 60.2#



#66
n-Nitrosodiphenylamine
Concen: 0.084 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:169 Resp: 3040
Ion Ratio Lower Upper
169 100
168 88.1 52.9 79.3#
167 49.9 29.0 43.6#

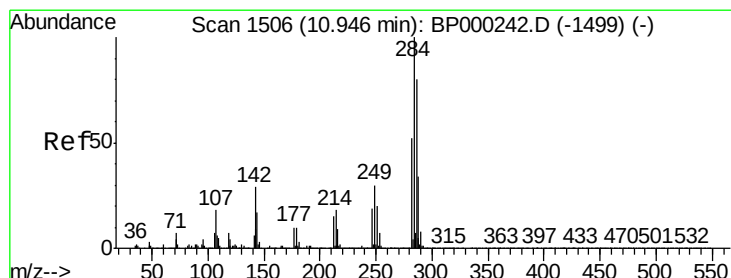
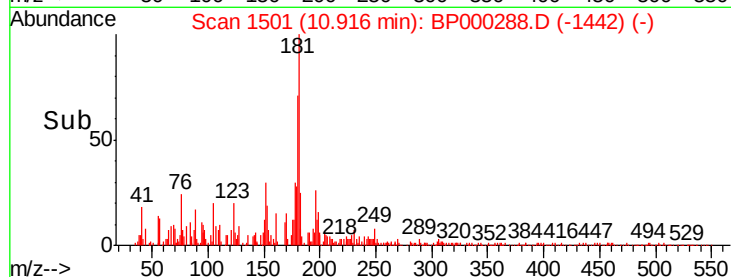
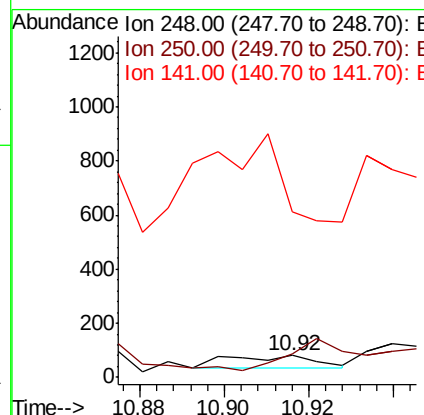
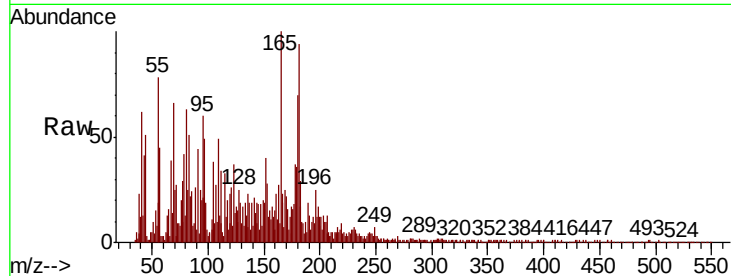




#67
4-Bromophenyl-phenylether
Concen: 0.005 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.05 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

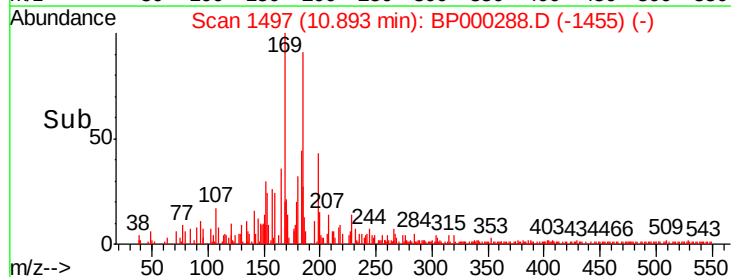
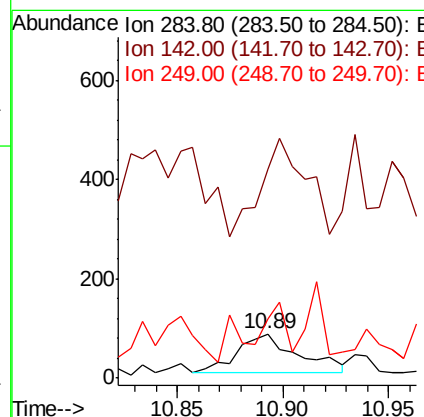
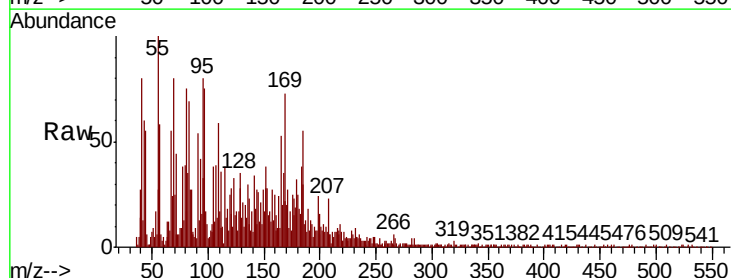
Instrument :
BNA_P
ClientSampleId :

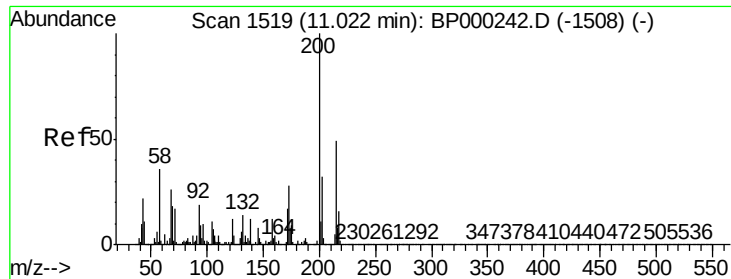
Tot Ion:248 Resp: 70
Ion Ratio Lower Upper
248 100
250 104.9 77.0 115.4
141 755.6 58.5 87.7#



#68
Hexachlorobenzene
Concen: 0.010 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.05 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:284 Resp: 148
Ion Ratio Lower Upper
284 100
142 473.0 23.6 35.4#
249 133.7 24.3 36.5#

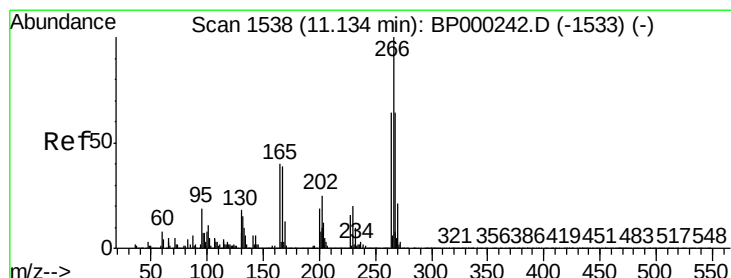
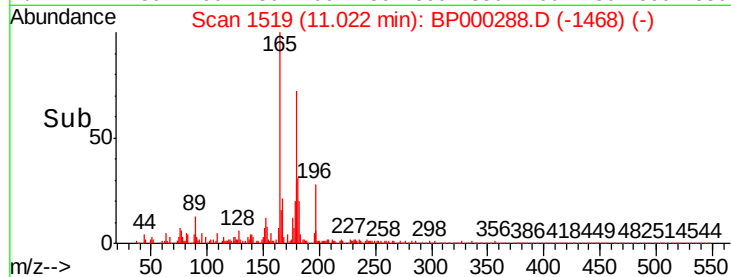
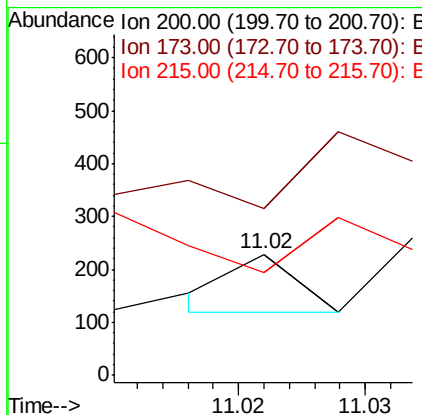
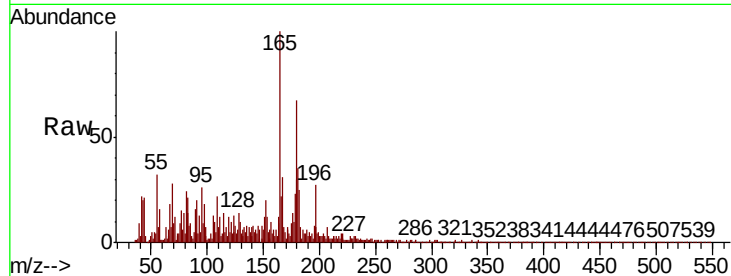




#69
Atrazine
Concen: Below Cal
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

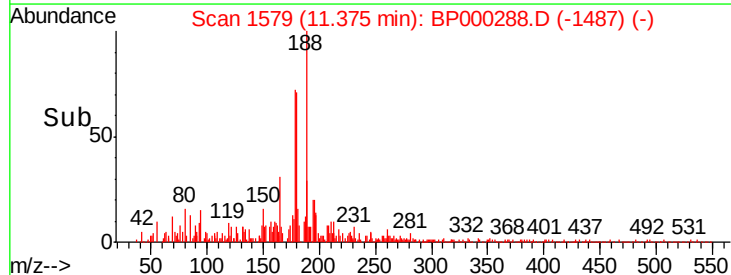
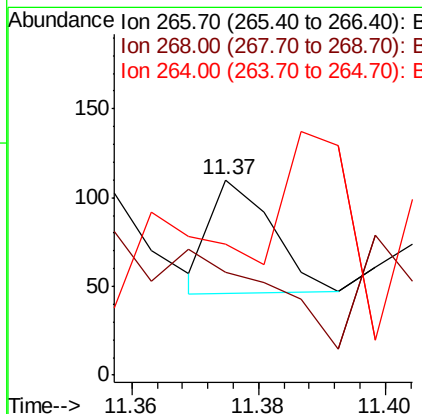
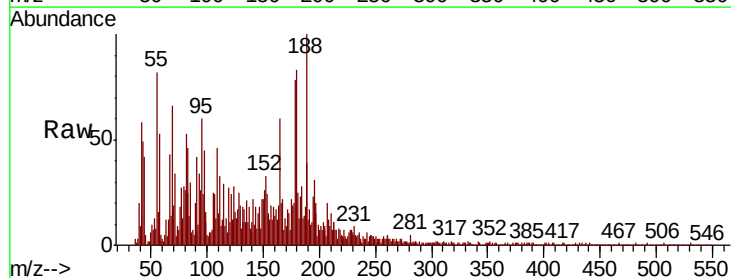
Instrument :
BNA_P
ClientSampleId :

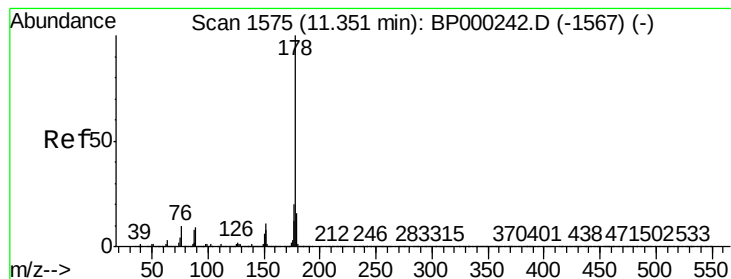
Tot Ion	Ratio	Lower	Upper
200	100		
173	138.6	7.6	47.6#
215	85.5	28.6	68.6#



#70
Pentachlorophenol
Concen: 0.005 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.24 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	52.7	51.6	77.4
264	67.3	50.8	76.2





#71

Phenanthrene

Concen: 8.810 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

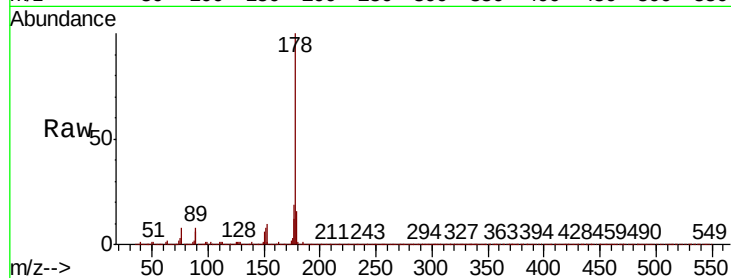
Instrument :

BNA_P

ClientSampled :

Tot Ion:178 Resp: 527980

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	12.7	19.1

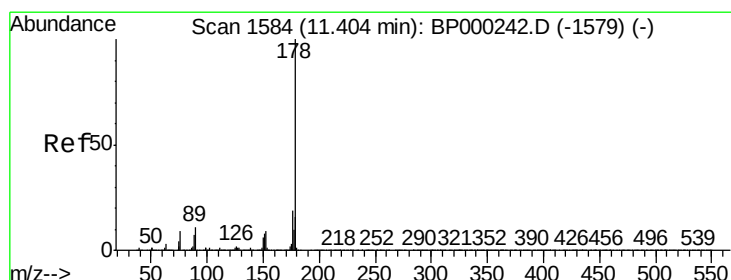
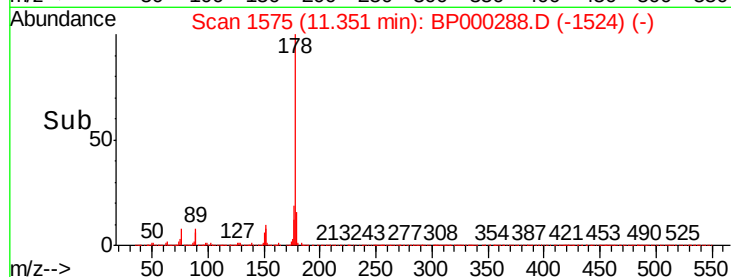
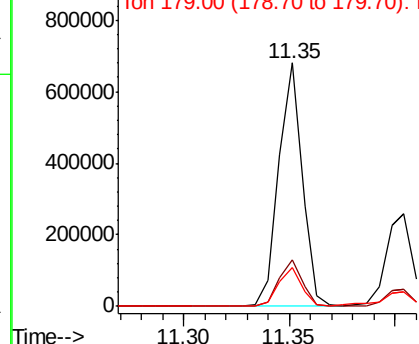


Abundance

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: 3.563 ng

RT: 11.40 min Scan# 1584

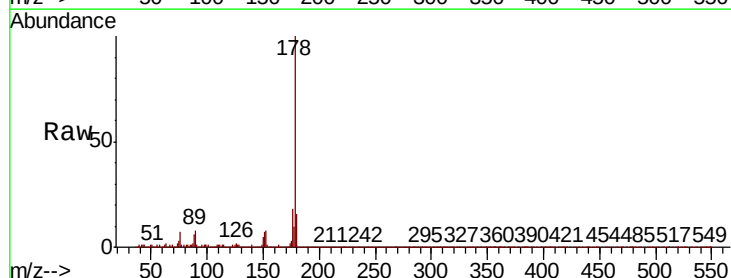
Delta R.T. -0.00 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion:178 Resp: 219765

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	15.6	12.7	19.1

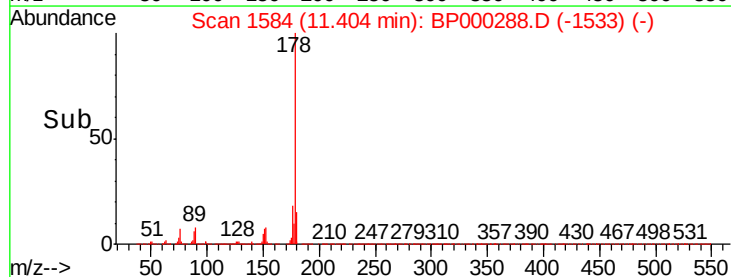
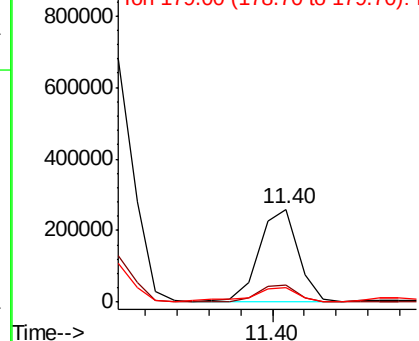


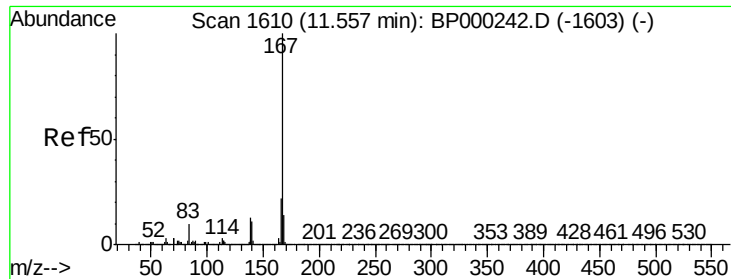
Abundance

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

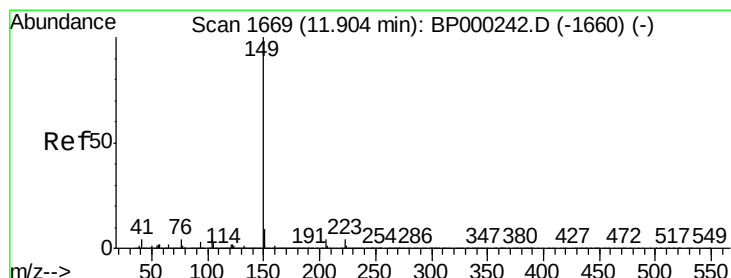
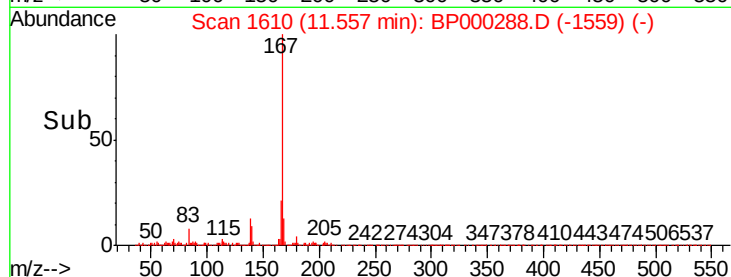
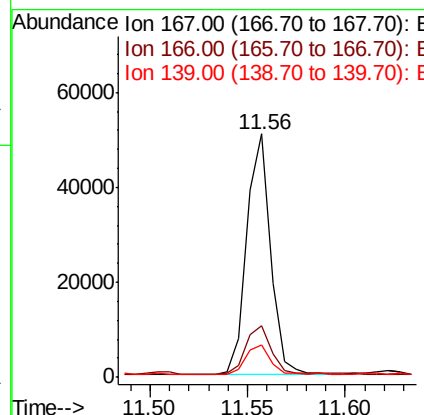
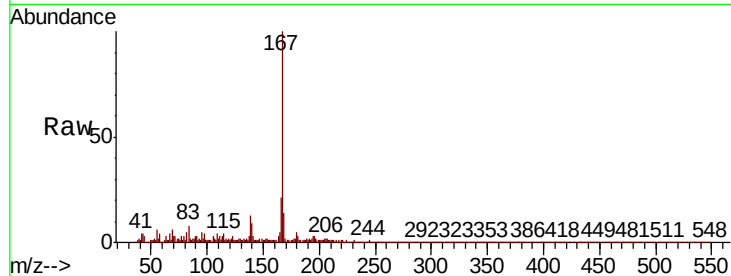




#73
 Carbazole
 Concen: 0.780 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

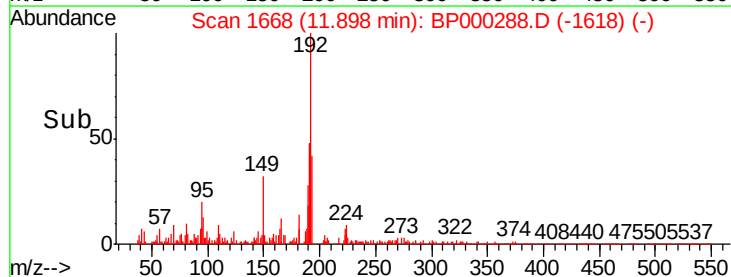
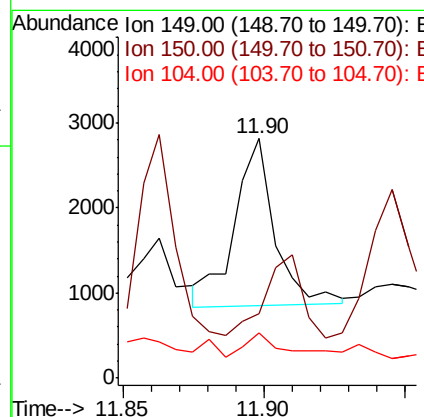
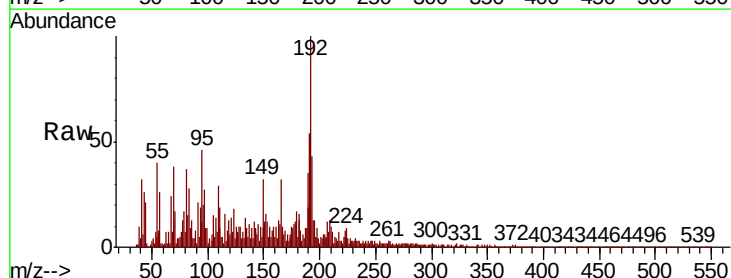
Instrument :
 BNA_P
 ClientSampleId :

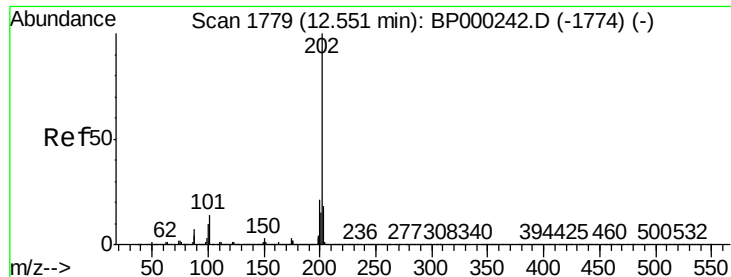
Tot Ion:167 Resp: 43329
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 0.028 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000288.D
 Acq: 17 Sep 2019 21:26

Tgt Ion:149 Resp: 1959
 Ion Ratio Lower Upper
 149 100
 150 26.7 7.4 11.2#
 104 19.0 3.5 5.3#





#75

Fluoranthene

Concen: 15.244 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000288.D

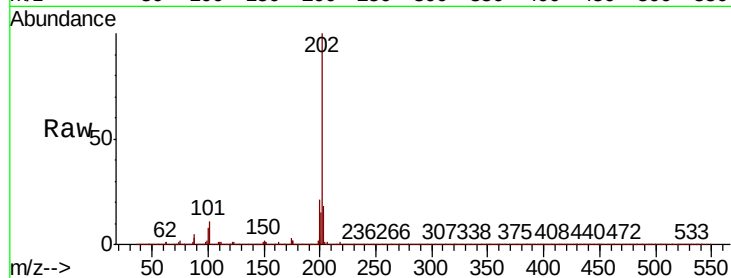
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

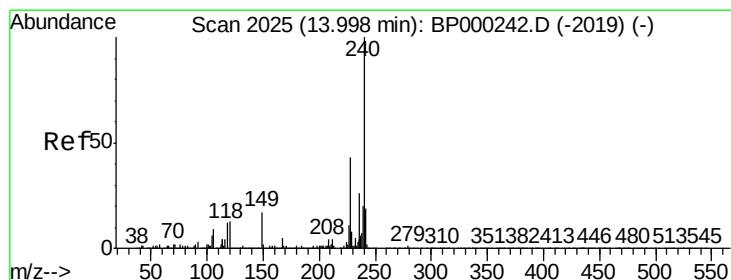
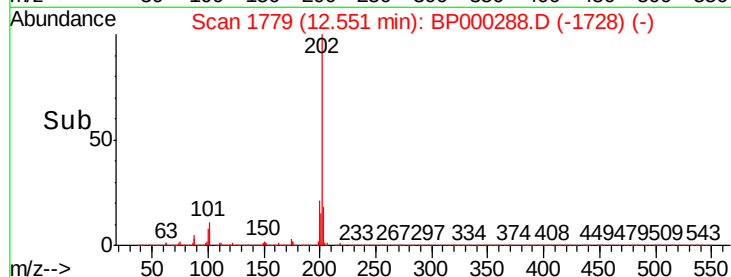
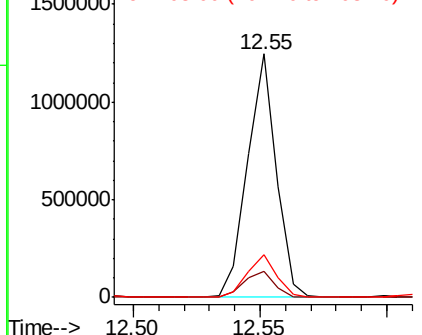
Tot Ion:	202	Resp:	980981
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	33.9
203	17.6	0.0	38.0



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

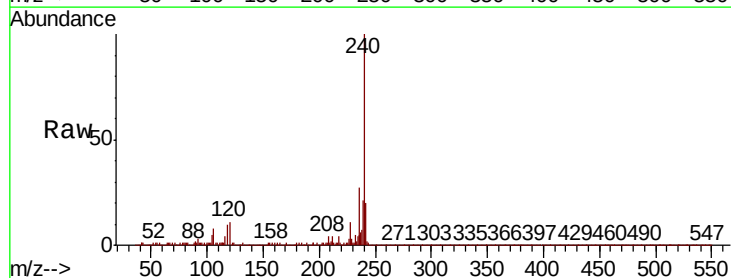
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

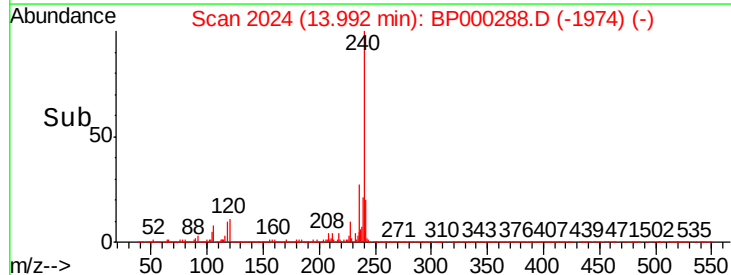
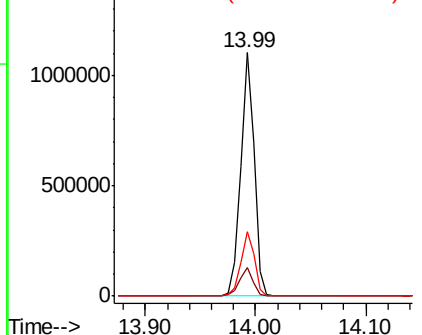
Tgt Ion:	240	Resp:	948083
Ion Ratio	Lower	Upper	
240	100		
120	11.5	10.4	15.6
236	26.7	21.0	31.6

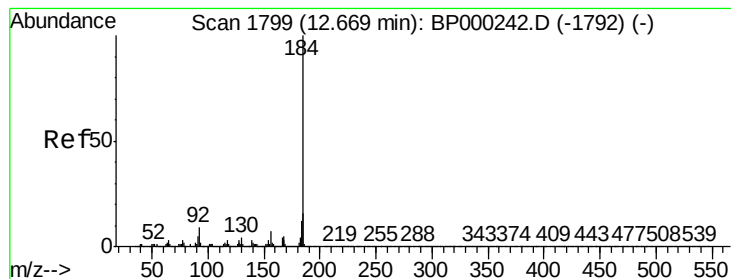


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.021 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

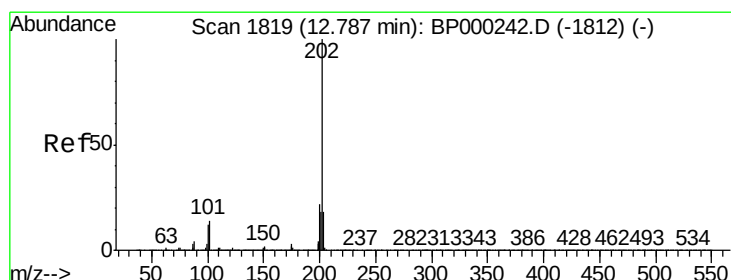
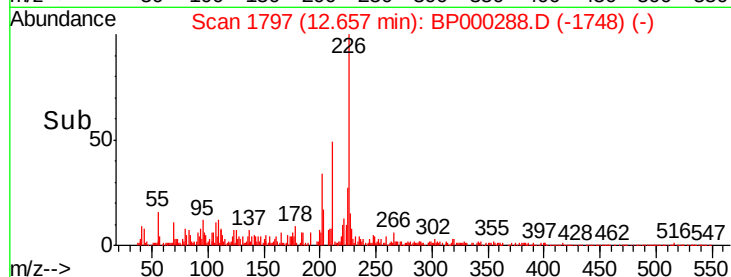
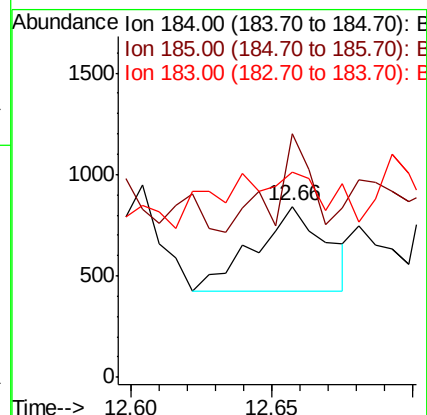
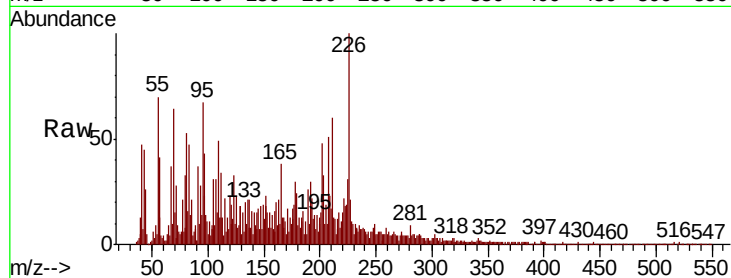
Tot Ion:184 Resp: 727

Ion Ratio Lower Upper

184 100

185 142.5 12.7 19.1#

183 120.0 9.5 14.3#



#78

Pyrene

Concen: 12.706 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

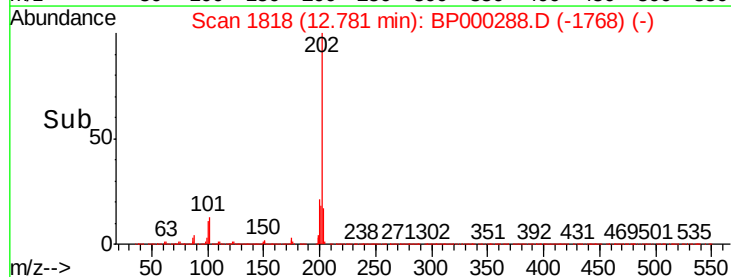
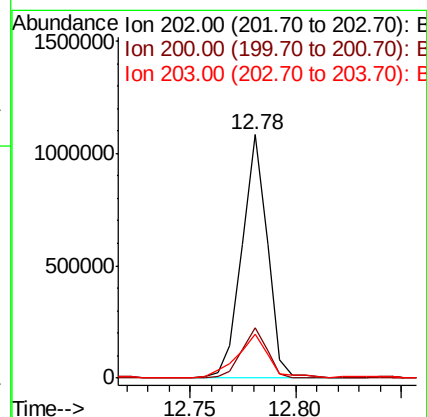
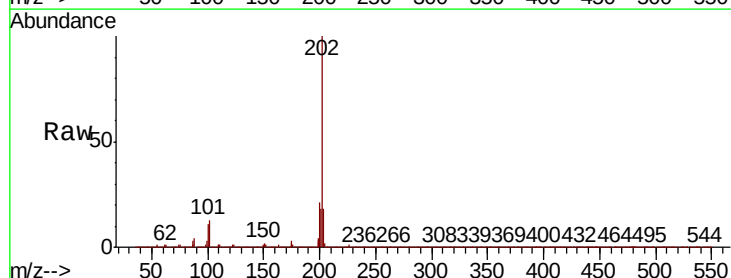
Tgt Ion:202 Resp: 901259

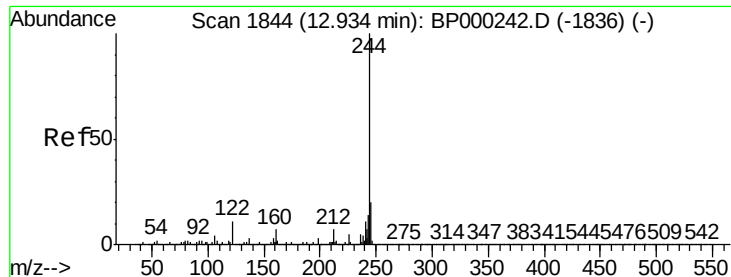
Ion Ratio Lower Upper

202 100

200 20.9 17.5 26.3

203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 6.224 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP000288.D

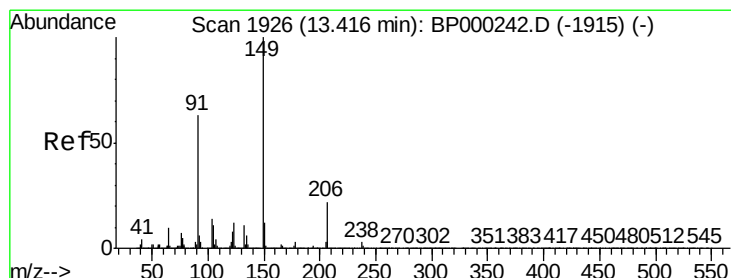
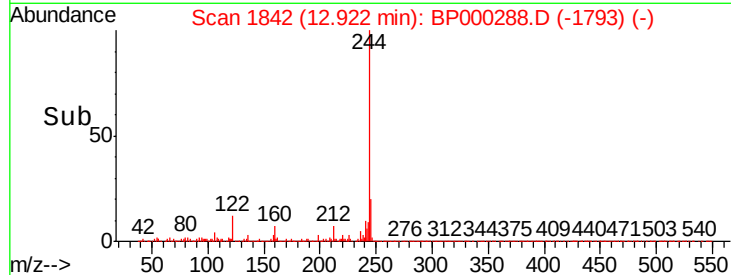
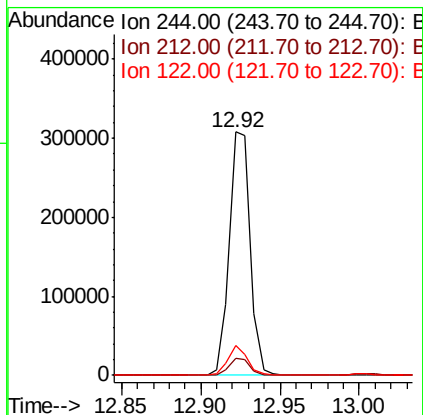
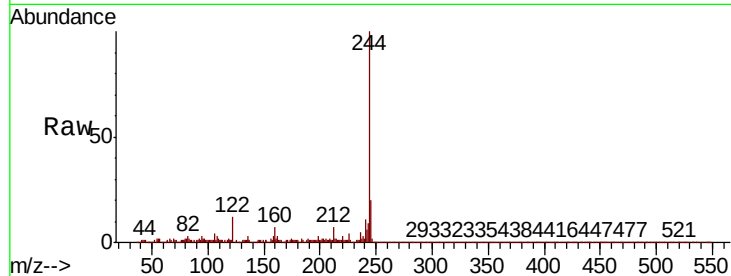
Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:244	Resp:	281266
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	12.5	9.0 13.4



#80

Butylbenzylphthalate

Concen: 0.015 ng

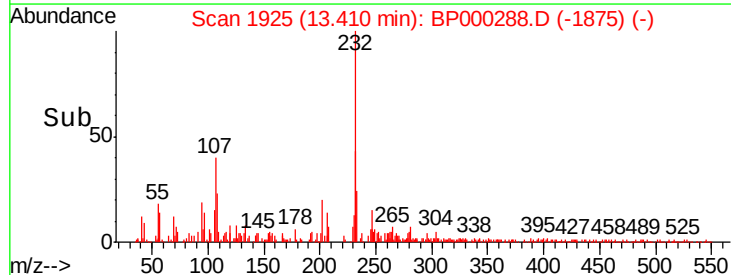
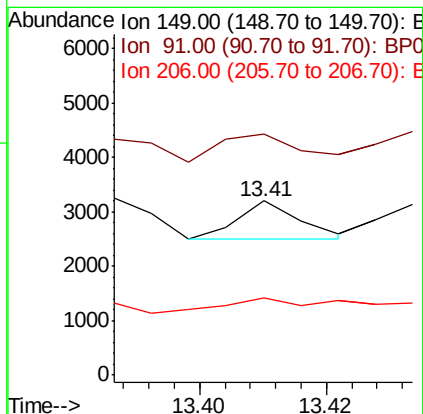
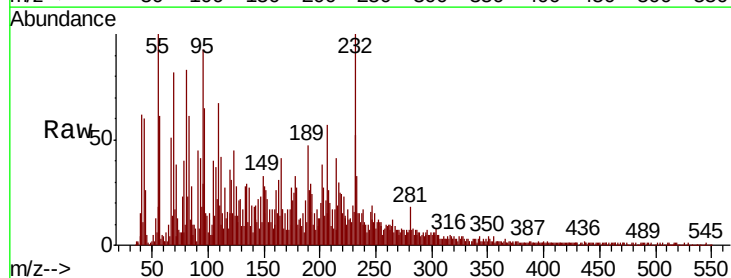
RT: 13.41 min Scan# 1925

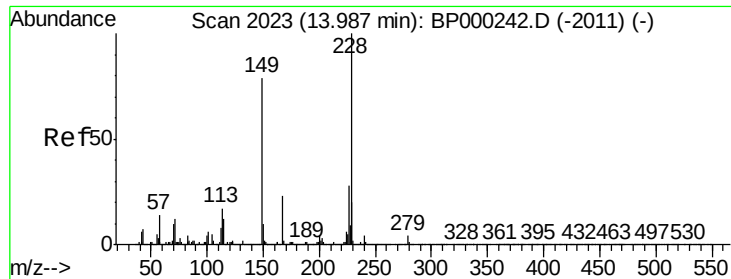
Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Tgt Ion:149	Resp:	480
Ion Ratio	Lower	Upper
149	100	
91	138.7	50.6 76.0#
206	44.4	17.8 26.6#

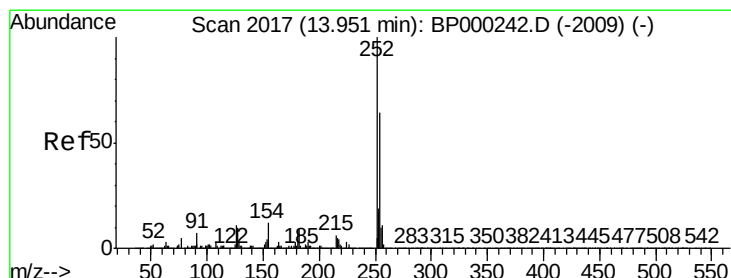
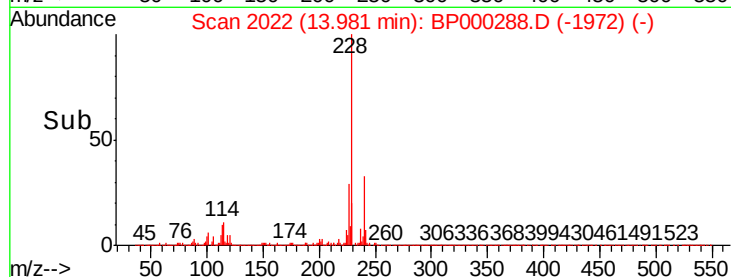
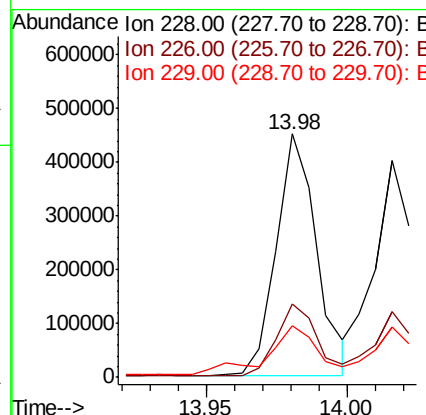
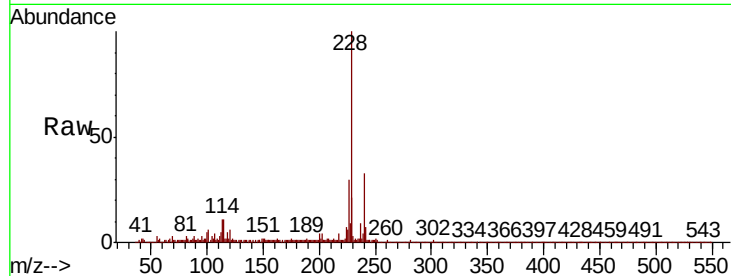




#81
Benzo(a)anthracene
Concen: 7.500 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

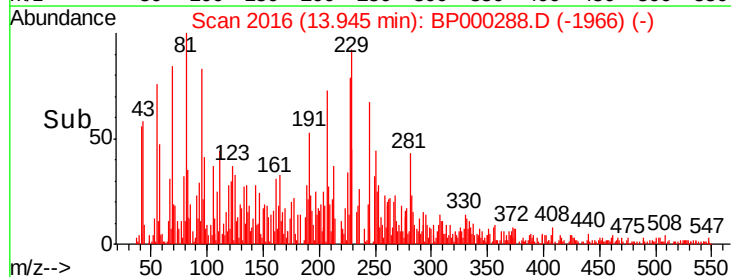
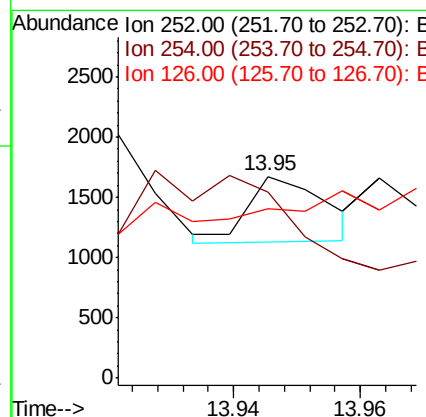
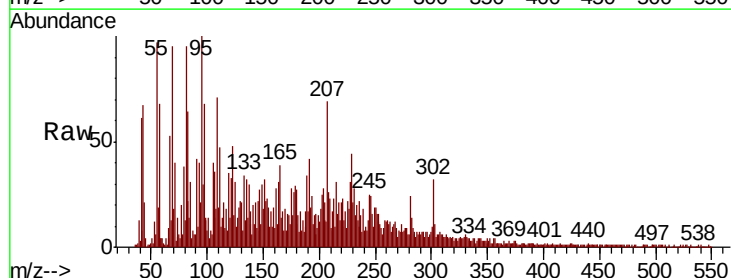
Instrument :
BNA_P
ClientSampleId :

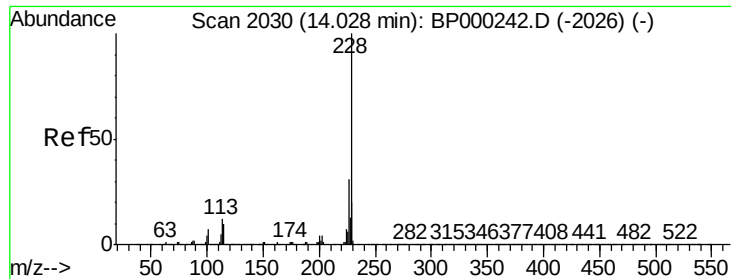
Tot Ion:228 Resp: 449185
Ion Ratio Lower Upper
228 100
226 30.0 22.2 33.4
229 21.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:252 Resp: 460
Ion Ratio Lower Upper
252 100
254 92.3 51.5 77.3#
126 83.9 8.4 12.6#





#83

Chrysene

Concen: 6.325 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampled :

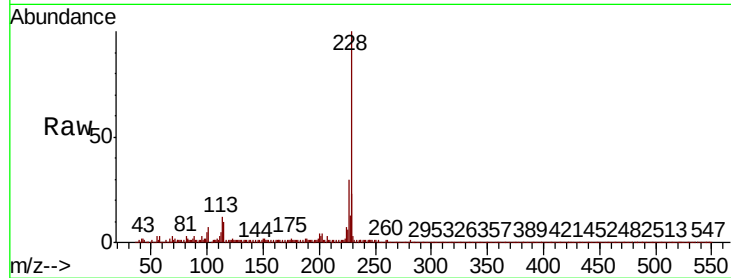
Tot Ion:228 Resp: 371898

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

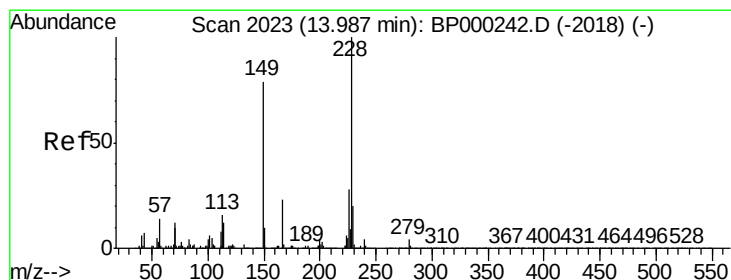
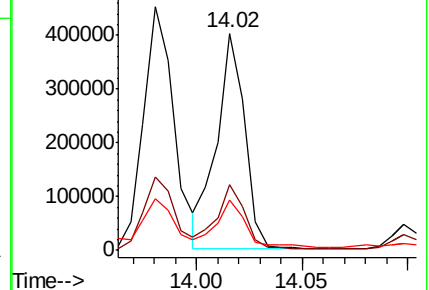
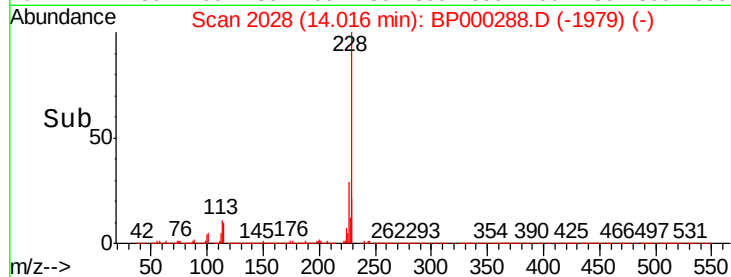
229 23.2 16.2 24.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

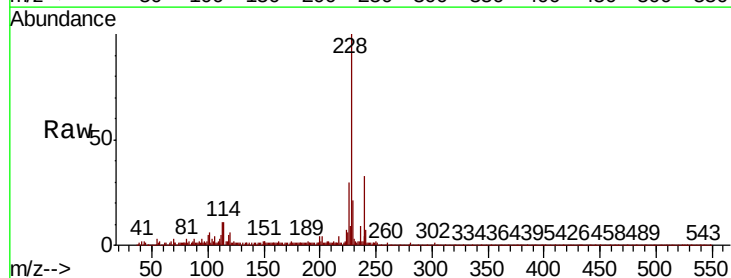
Tgt Ion:149 Resp: 4082

Ion Ratio Lower Upper

149 100

167 41.9 23.0 34.4#

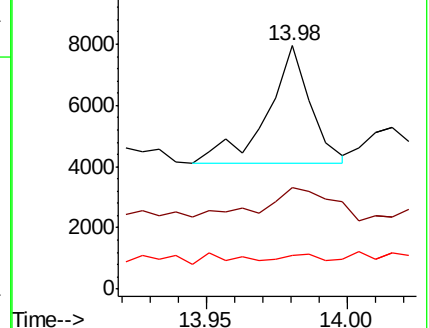
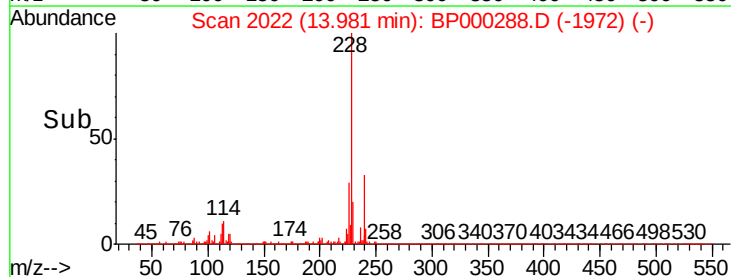
279 13.8 3.7 5.5#

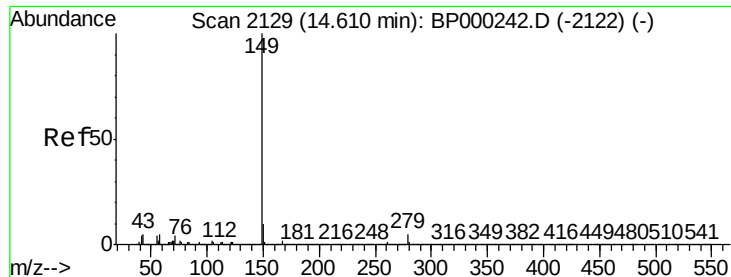


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

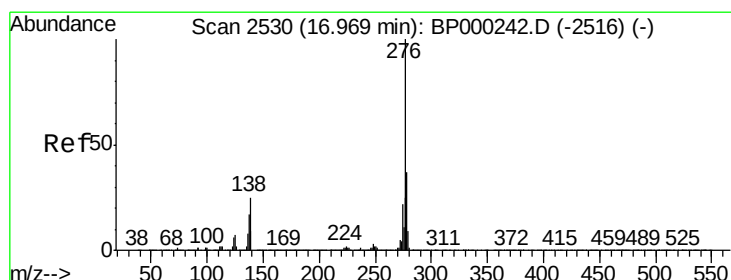
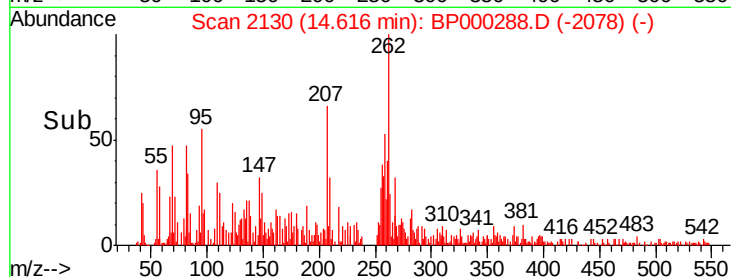
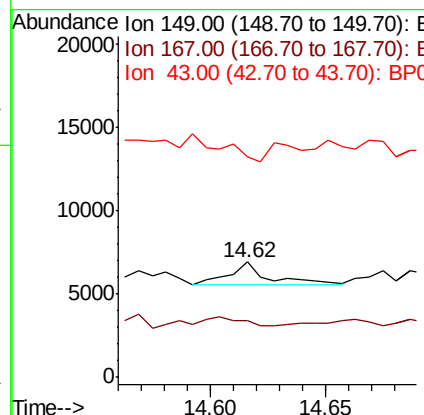
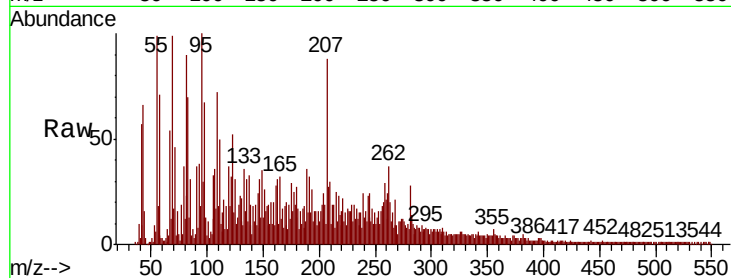




#85
Di-n-octyl phthalate
Concen: 0.023 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

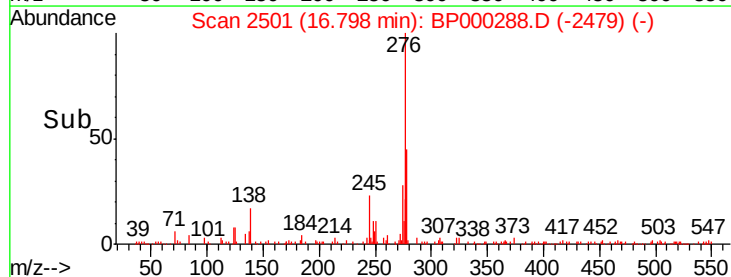
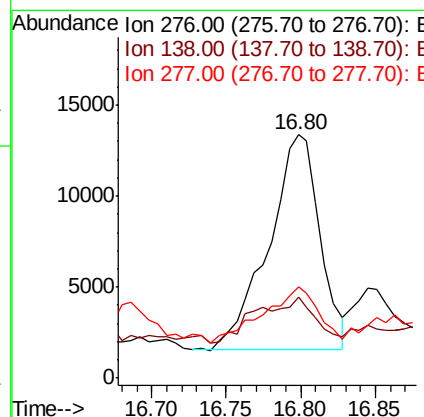
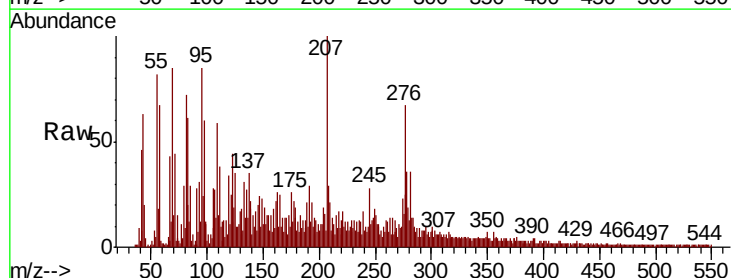
Instrument :
BNA_P
ClientSampled :

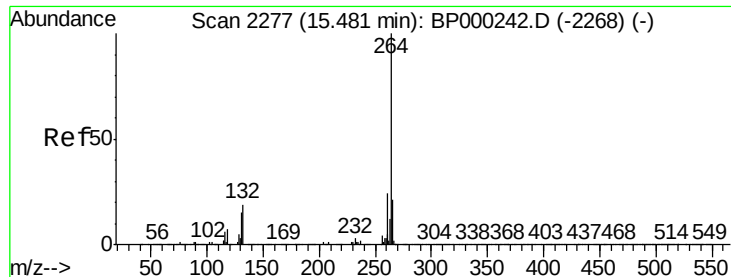
Tot Ion:149 Resp: 1636
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 60.5 5.0 7.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.17 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion:276 Resp: 28430
Ion Ratio Lower Upper
276 100
138 24.8 22.6 33.8
277 28.4 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

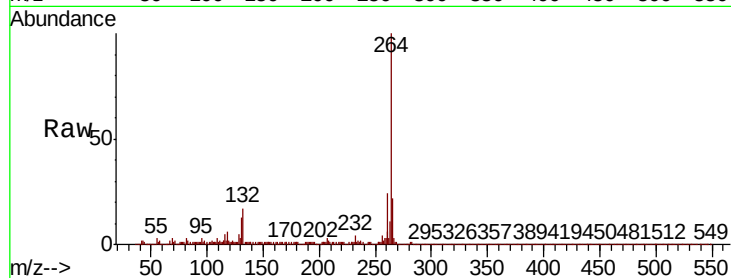
Tot Ion:264 Resp: 792179

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

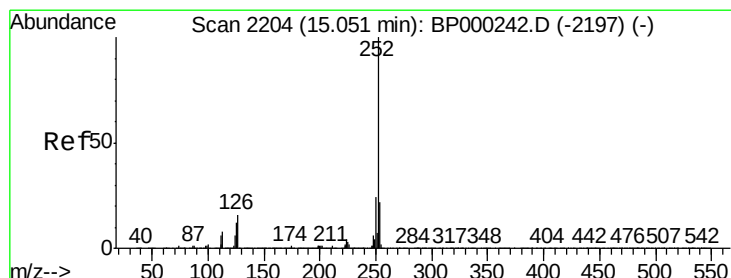
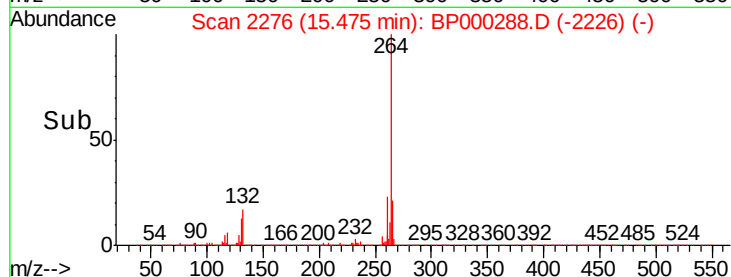
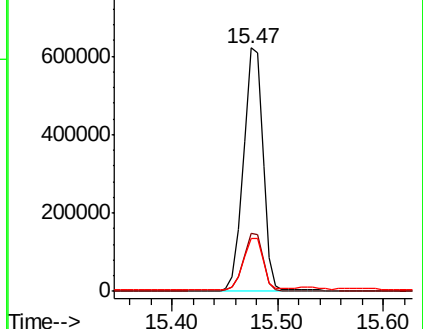
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 11.148 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

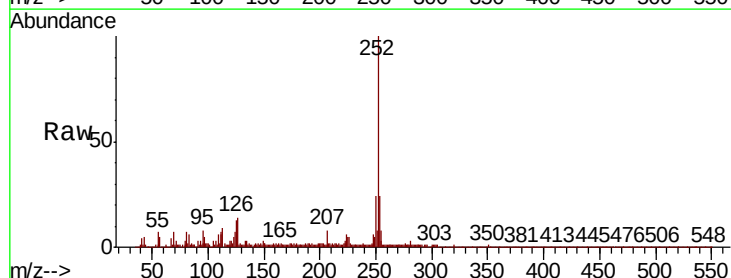
Tgt Ion:252 Resp: 526821

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

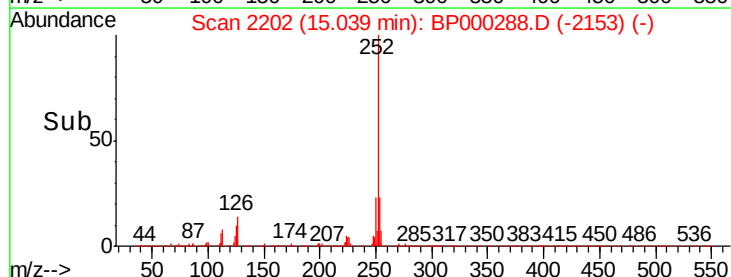
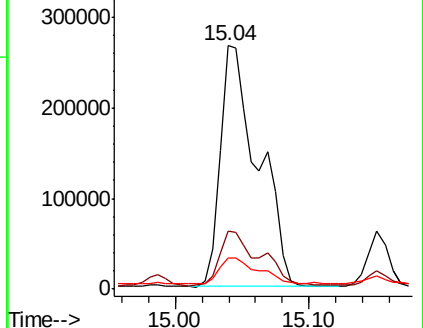
125 12.7 9.5 14.3

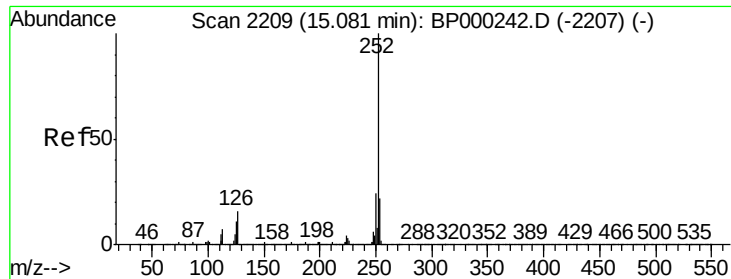


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

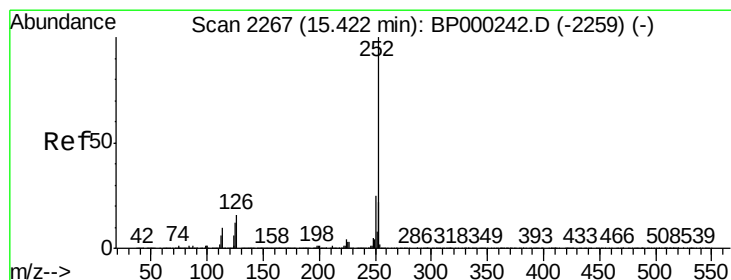
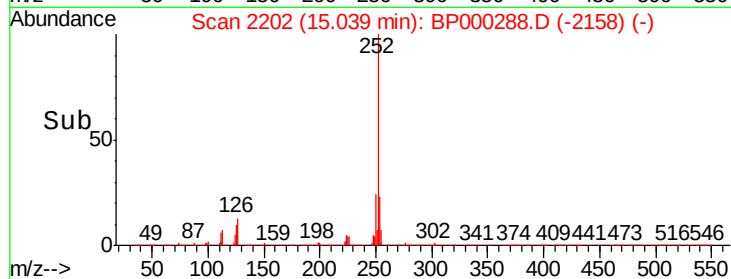
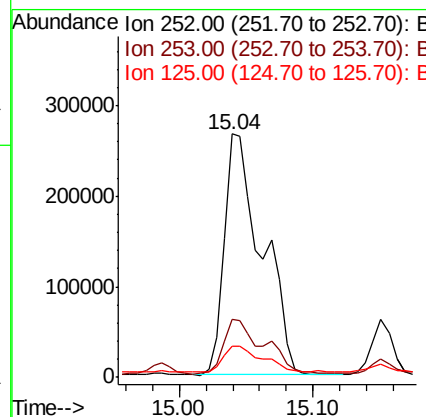
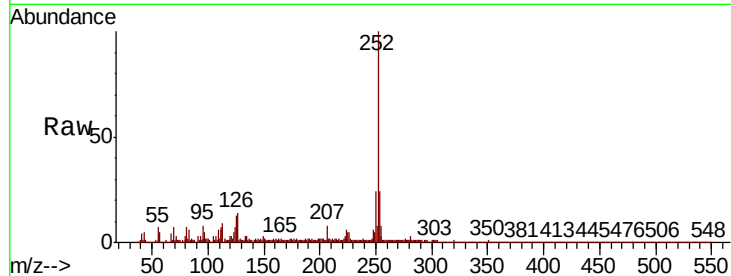




#89
Benzo(k)fluoranthene
Concen: 12.780 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

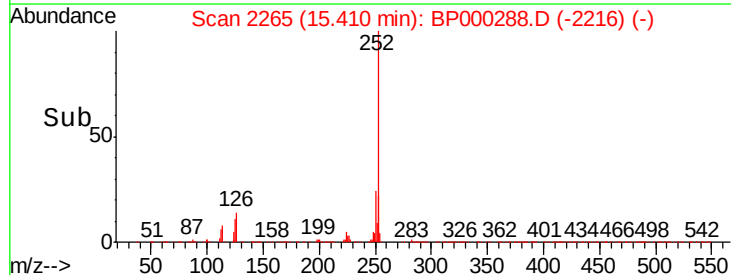
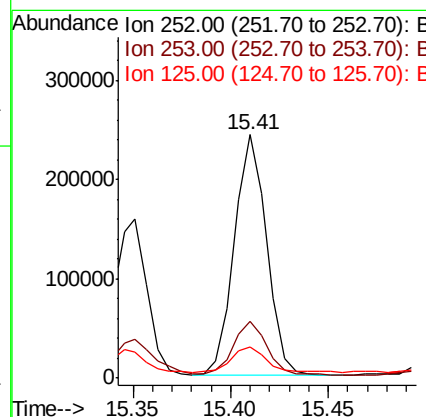
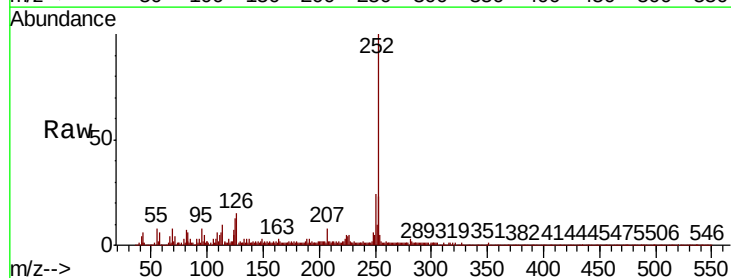
Instrument :
BNA_P
ClientSampleId :

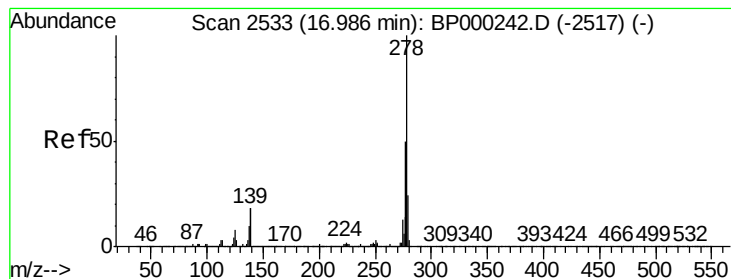
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	12.7	9.6	14.4



#90
Benzo(a)pyrene
Concen: 6.482 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000288.D
Acq: 17 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.9	10.0	15.0





#91

Dibenzo(a,h)anthracene

Concen: 1.026 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

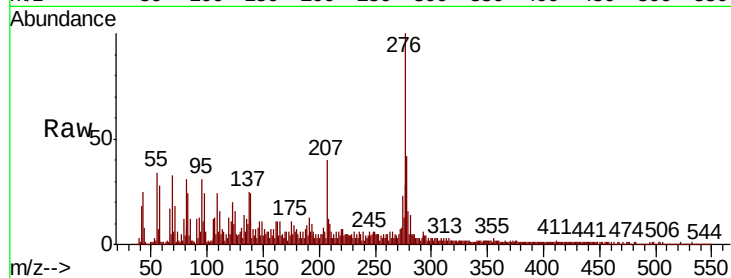
Tot Ion:278 Resp: 41125

Ion Ratio Lower Upper

278 100

139 27.3 14.5 21.7#

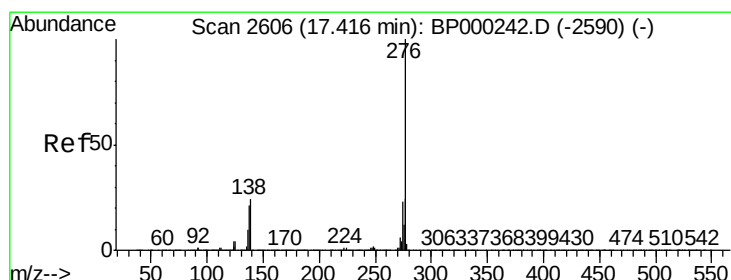
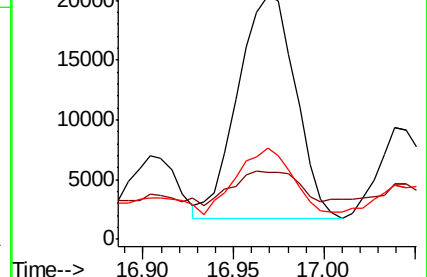
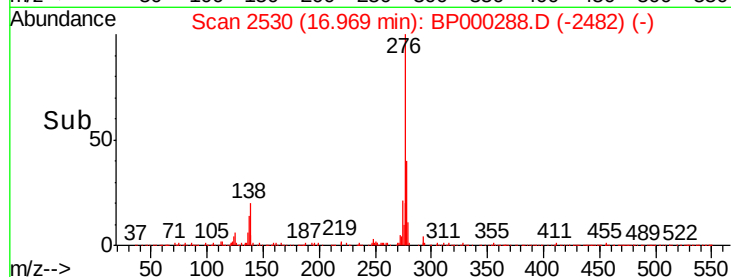
279 37.3 19.0 28.6#



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: 3.177 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BP000288.D

Acq: 17 Sep 2019 21:26

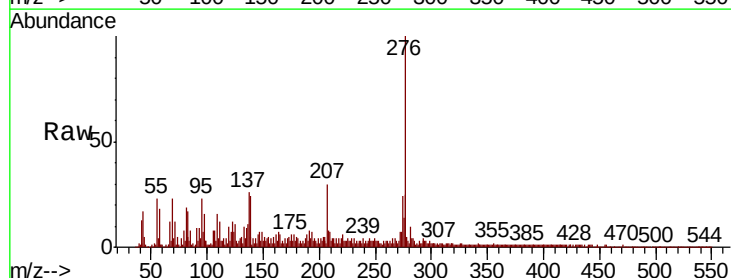
Tgt Ion:276 Resp: 130936

Ion Ratio Lower Upper

276 100

277 25.1 19.1 28.7

138 24.2 19.5 29.3



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

