

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000287.D
 Acq On : 17 Sep 2019 21:02
 Operator : HP/JU
 Sample : K4923-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 18 05:58:06 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	291704	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1014455	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	526274	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	937214	20.00	ng	0.00
76) Chrysene-d12	13.99	240	753617	20.00	ng	0.00
87) Perylene-d12	15.47	264	641636	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1530510	90.58	ng	0.01
7) Phenol-d6	6.43	99	1947113	94.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	656781	41.77	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	388035	74.34	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2241467	76.66	ng	0.00
79) Terphenyl-d14	12.93	244	2462139	68.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	41	0.005	ng	# 1
3) Pyridine	3.23	79	116	0.006	ng	# 60
4) n-Nitrosodimethylamine	3.22	42	87	0.015	ng	# 1
6) Aniline	6.44	93	2133	0.075	ng	# 1
8) 2-Chlorophenol	6.83	128	112	0.006	ng	# 80
9) Benzaldehyde	6.34	77	2625	Below Cal		# 47
10) Phenol	6.44	94	33290	1.415	ng	# 71
11) bis(2-Chloroethyl)ether	6.50	93	727	0.040	ng	# 82
12) 1,3-Dichlorobenzene	6.73	146	134	0.006	ng	# 32
13) 1,4-Dichlorobenzene	6.81	146	470	0.022	ng	# 49
14) 1,2-Dichlorobenzene	6.99	146	20	0.001	ng	# 1
15) Benzyl Alcohol	6.95	79	19862	1.318	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	7.09	45	53	0.003	ng	# 1
17) 2-Methylphenol	7.05	107	309	0.020	ng	# 25
18) Hexachloroethane	7.30	117	934	0.116	ng	# 19
19) n-Nitroso-di-n-propylamine	7.35	70	80266	7.330	ng	# 75
20) 3+4-Methylphenols	7.20	107	1308	0.069	ng	# 54
22) Acetophenone	7.19	105	3871	0.176	ng	# 88
24) Nitrobenzene	7.35	77	2319	0.142	ng	# 35
25) Isophorone	7.35	82	655789	21.063	ng	# 63
26) 2-Nitrophenol	7.70	139	62	0.007	ng	# 1
27) 2,4-Dimethylphenol	7.74	122	349	0.025	ng	# 45
28) bis(2-Chloroethoxy)methane	7.82	93	454	0.022	ng	# 1
29) 2,4-Dichlorophenol	7.92	162	181	0.012	ng	# 1
30) 1,2,4-Trichlorobenzene	8.02	180	82	0.005	ng	# 95
31) Naphthalene	8.09	128	15796	0.336	ng	# 98
32) Benzoic acid	7.86	122	785	0.084	ng	# 62
33) 4-Chloroaniline	8.12	127	144	0.007	ng	# 1
34) Hexachlorobutadiene	8.04	225	17	0.002	ng	# 93
35) Caprolactam	8.50	113	389	0.077	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	51	0.003	ng	# 97
37) 2-Methylnaphthalene	8.79	142	9295	0.289	ng	# 94
38) 1-Methylnaphthalene	8.89	142	5433	0.181	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	103	0.007	ng	# 10

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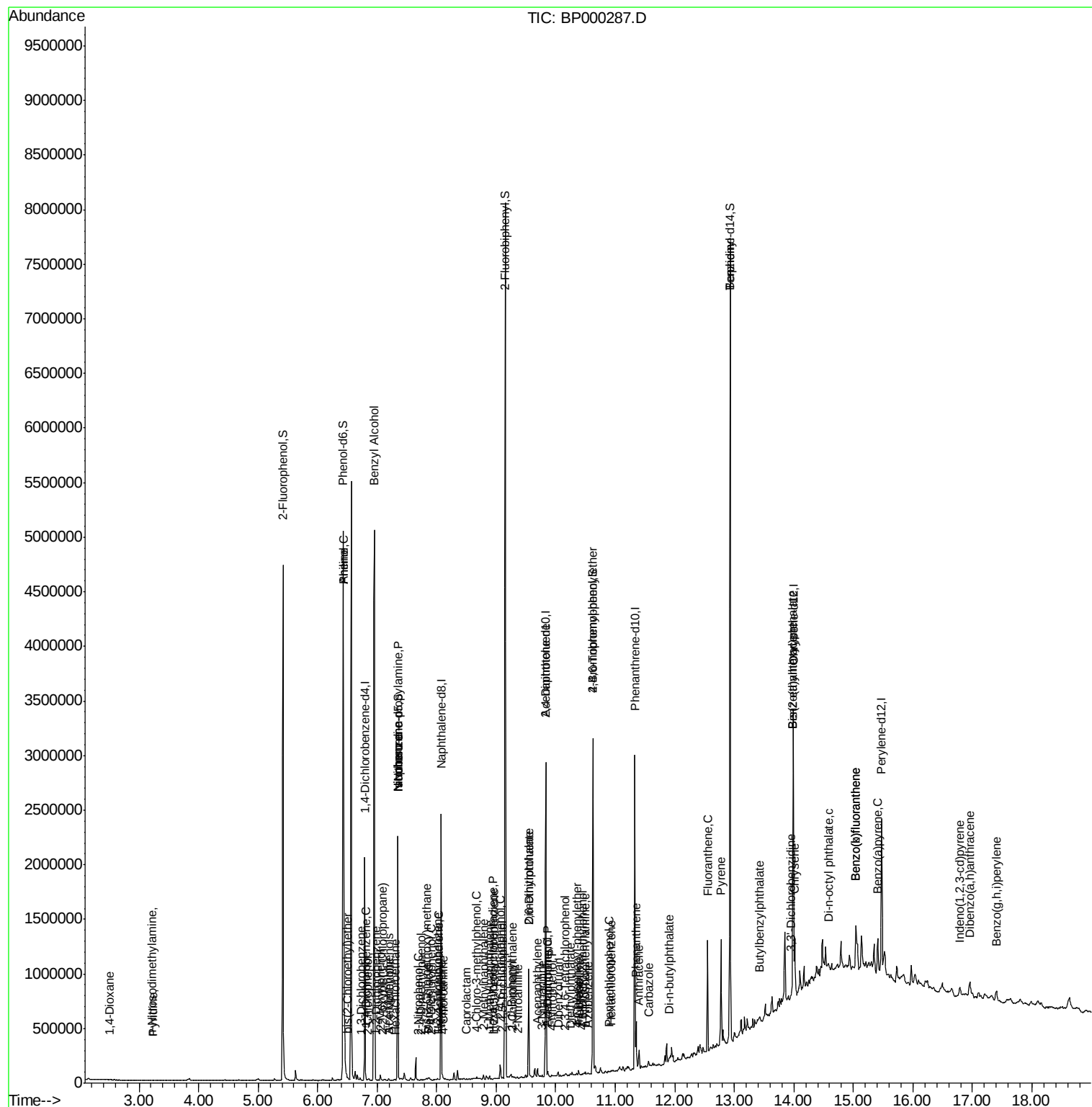
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	22	0.003	nq	89
43) 2,4,6-Trichlorophenol	9.06	196	47	0.005	nq #	41
44) 2,4,5-Trichlorophenol	9.10	196	45	0.004	nq #	1
46) 1,1'-Biphenyl	9.25	154	6345	0.174	nq	96
47) 2-Chloronaphthalene	9.28	162	88	0.003	nq #	1
48) 2-Nitroaniline	9.37	65	109	0.014	nq #	34
49) Acenaphthylene	9.69	152	29537	0.643	nq	97
50) Dimethylphthalate	9.55	163	374270	10.438	nq	98
51) 2,6-Dinitrotoluene	9.55	165	4361	0.553	nq #	29
52) Acenaphthene	9.86	154	8302	0.287	nq	93
53) 3-Nitroaniline	9.78	138	192	0.021	nq #	54
54) 2,4-Dinitrophenol	9.86	184	149	0.043	nq #	1
55) Dibenzofuran	10.04	168	8260	0.202	nq	97
56) 4-Nitrophenol	9.94	139	297	0.044	nq #	1
57) 2,4-Dinitrotoluene	9.83	165	68543	6.650	nq #	35
58) Fluorene	10.38	166	11219	0.355	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	61	0.007	nq #	27
60) Diethylphthalate	10.25	149	657	0.019	nq #	62
61) 4-Chlorophenyl-phenylether	10.35	204	143	0.009	nq #	1
62) 4-Nitroaniline	10.38	138	142	0.016	nq #	47
63) Azobenzene	10.55	77	236	0.008	nq #	1
65) 4,6-Dinitro-2-methylphenol	10.45	198	59	0.013	nq #	1
66) n-Nitrosodiphenylamine	10.50	169	2202	0.078	nq #	89
67) 4-Bromophenyl-phenylether	10.62	248	26507	2.501	nq #	1
68) Hexachlorobenzene	10.94	284	155	0.013	nq #	1
69) Atrazine	11.03	200	223	Below Cal	#	1
70) Pentachlorophenol	10.90	266	24	0.004	nq	96
71) Phenanthrene	11.35	178	150912	3.213	nq	99
72) Anthracene	11.40	178	54628	1.130	nq	98
73) Carbazole	11.56	167	17087	0.392	nq	97
74) Di-n-butylphthalate	11.90	149	13883	0.252	nq #	91
75) Fluoranthene	12.55	202	374385	7.424	nq	96
77) Benzidine	12.93	184	34088	1.267	nq	96
78) Pyrene	12.78	202	374937	6.650	nq	99
80) Butylbenzylphthalate	13.41	149	5639	0.218	nq #	61
81) Benzo(a)anthracene	13.98	228	202573	4.255	nq	93
82) 3,3'-Dichlorobenzidine	13.94	252	354	0.019	nq #	49
83) Chrysene	14.02	228	178240	3.813	nq	96
84) Bis(2-ethylhexyl)phthalate	13.98	149	63280	2.035	nq #	99
85) Di-n-octyl phthalate	14.60	149	1447	0.025	nq #	1
86) Indeno(1,2,3-cd)pyrene	16.80	276	16286	0.286	nq	94
88) Benzo(b)fluoranthene	15.04	252	293389	7.665	nq #	95
89) Benzo(k)fluoranthene	15.04	252	293389	8.787	nq #	95
90) Benzo(a)pyrene	15.41	252	146581	4.209	nq	95
91) Dibenzo(a,h)anthracene	16.96	278	21868	0.673	nq #	67
92) Benzo(g,h,i)perylene	17.40	276	79719	2.388	nq	96

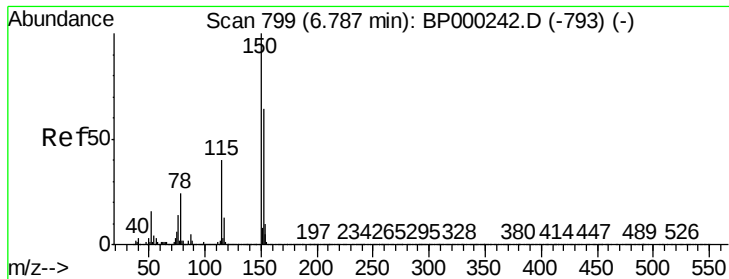
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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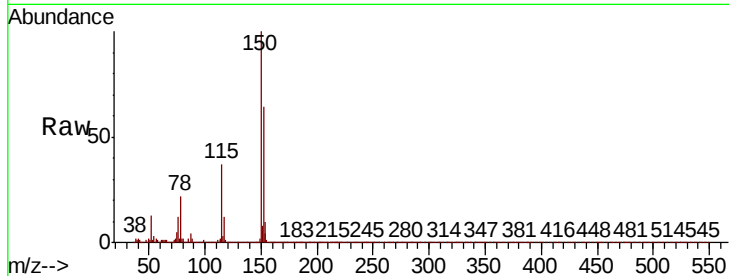


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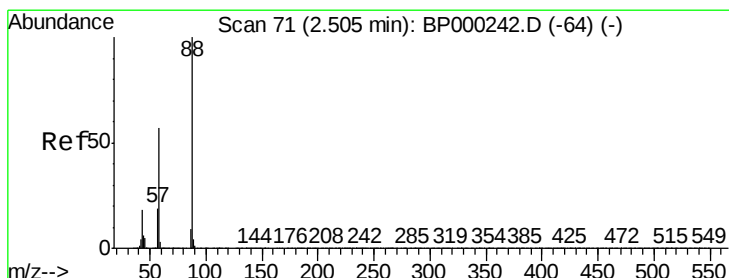
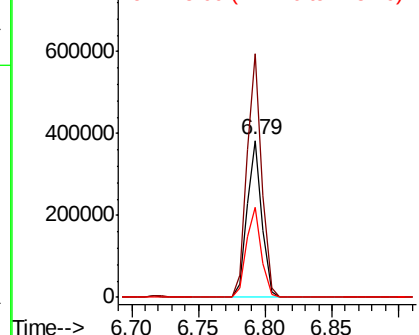
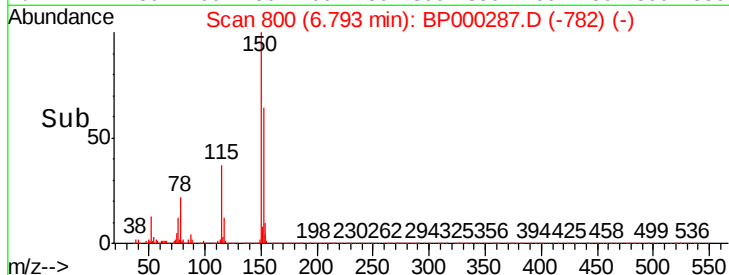
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	57.6	49.7	74.5



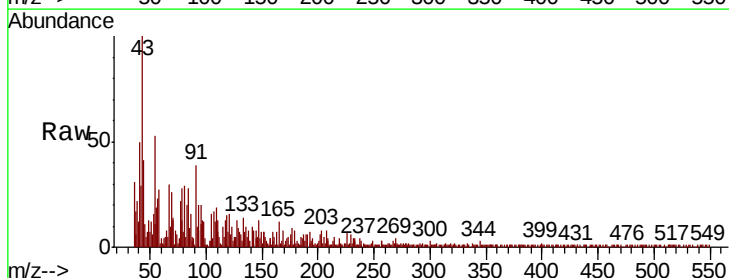
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



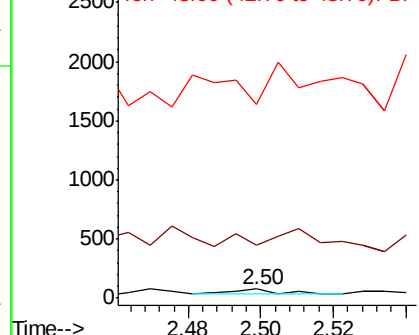
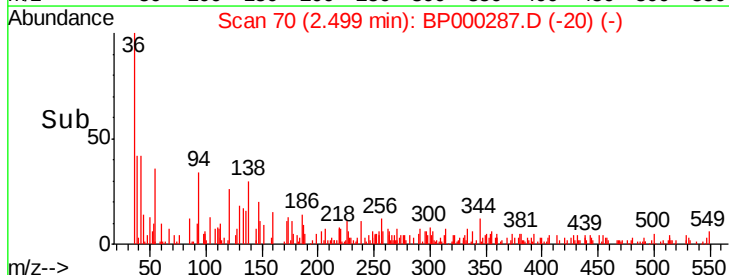
#2

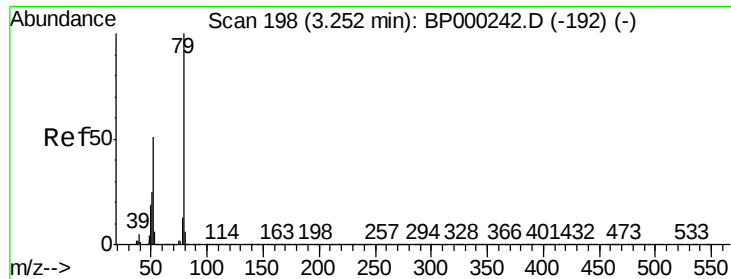
1,4-Dioxane
Concen: 0.005 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	480.5	45.4	68.2#
43	1156.1	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: 0.006 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.02 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

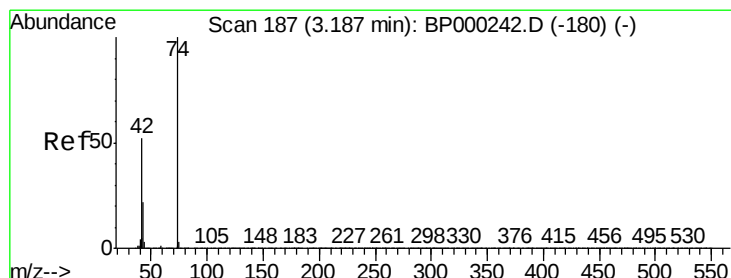
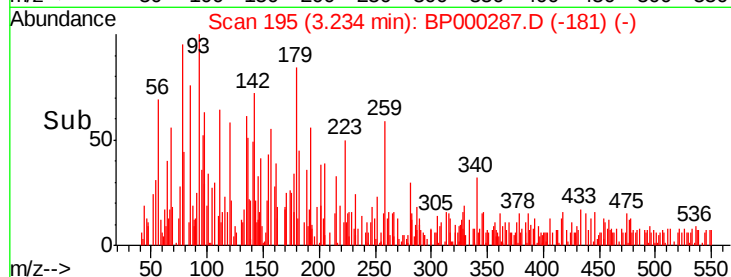
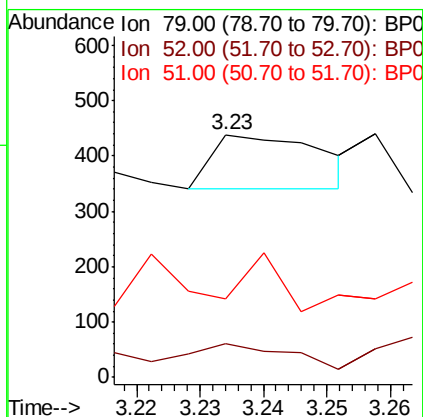
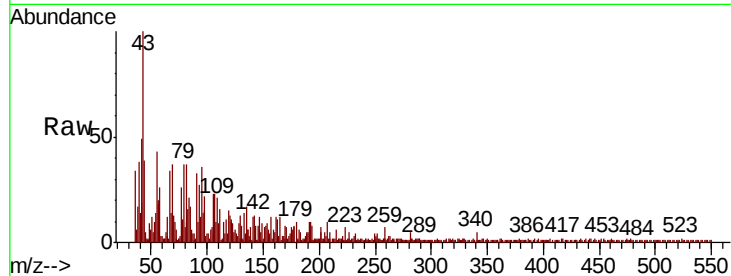
Tot Ion: 79 Resp: 116

Ion Ratio Lower Upper

79 100

52 13.9 40.9 61.3#

51 32.2 20.2 30.2#



#4

n-Nitrosodimethylamine

Concen: 0.015 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

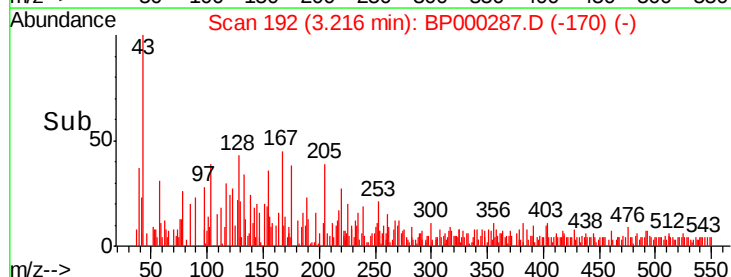
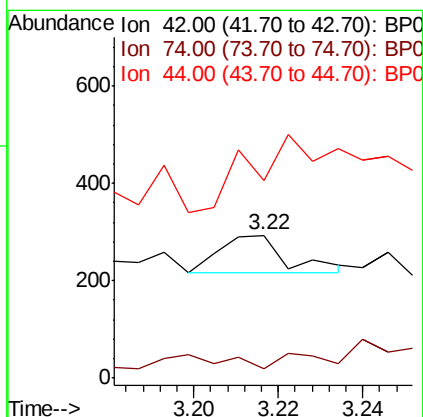
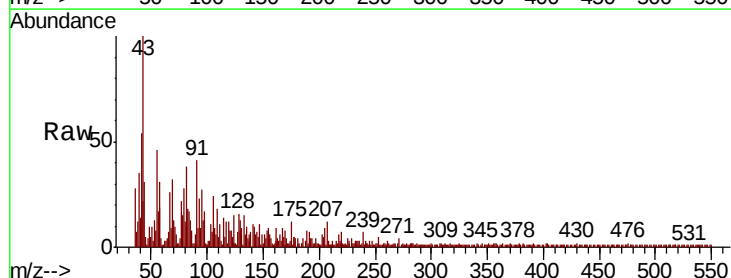
Tgt Ion: 42 Resp: 87

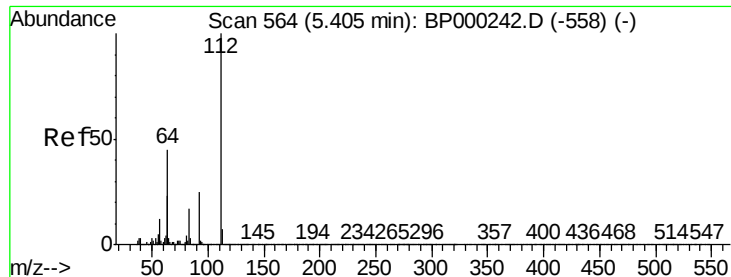
Ion Ratio Lower Upper

42 100

74 6.8 154.5 231.7#

44 138.2 5.9 8.9#





#5

2-Fluorophenol

Concen: 90.578 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

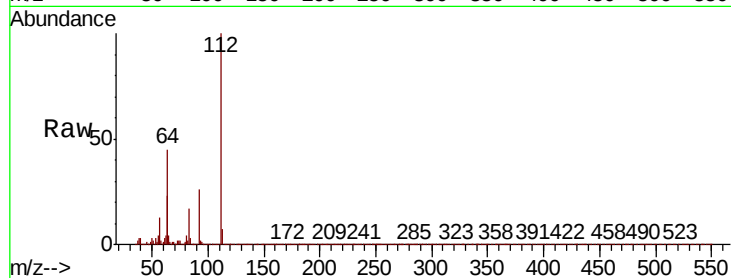
Tot Ion:112 Resp: 1530510

Ion Ratio Lower Upper

112 100

64 44.6 36.2 54.4

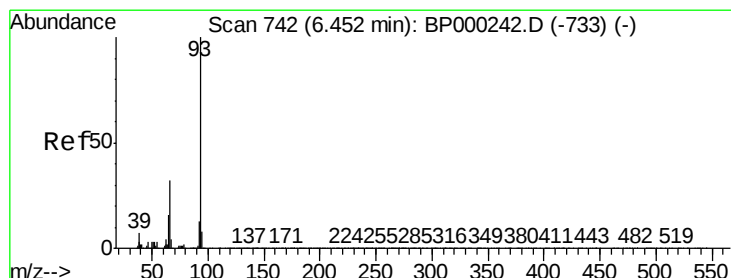
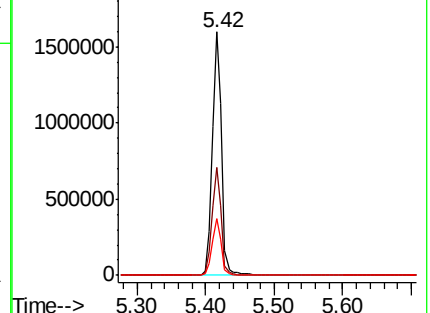
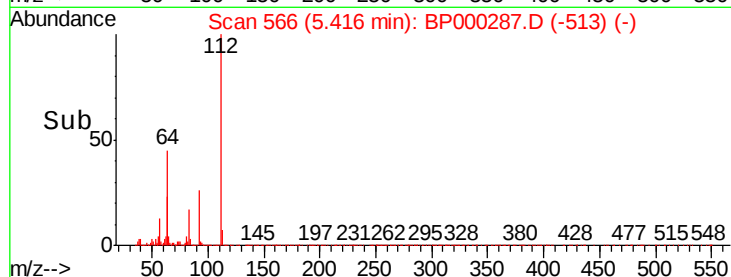
63 23.2 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.075 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

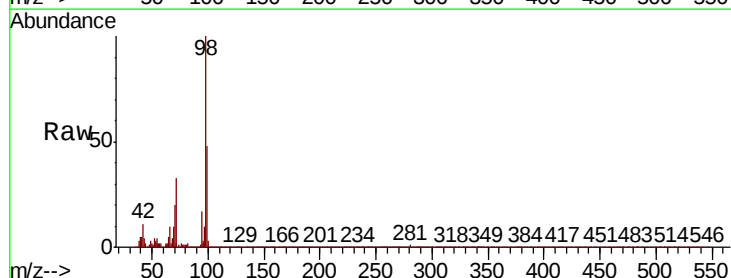
Tgt Ion: 93 Resp: 2133

Ion Ratio Lower Upper

93 100

66 1539.1 26.2 39.2#

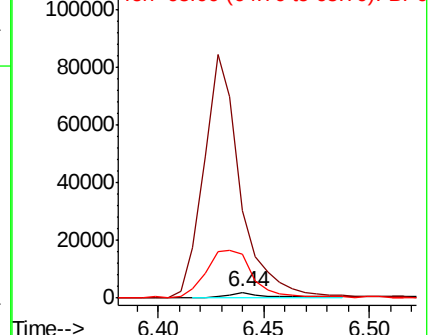
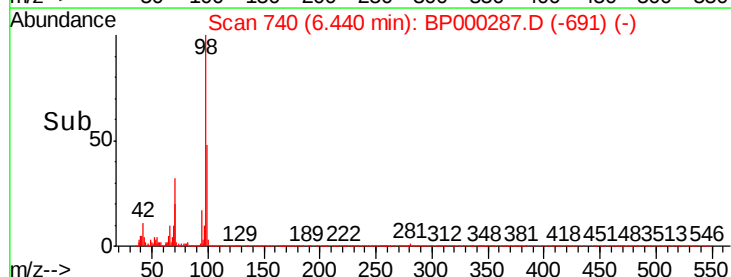
65 767.4 12.7 19.1#

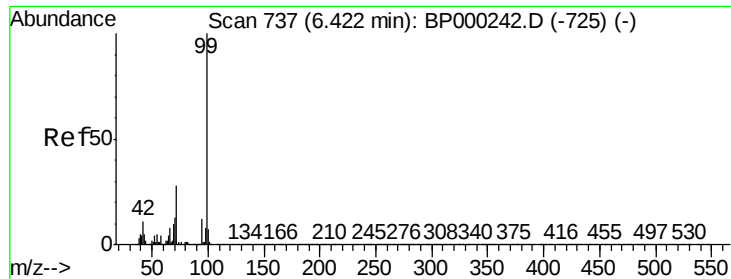


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 94.007 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

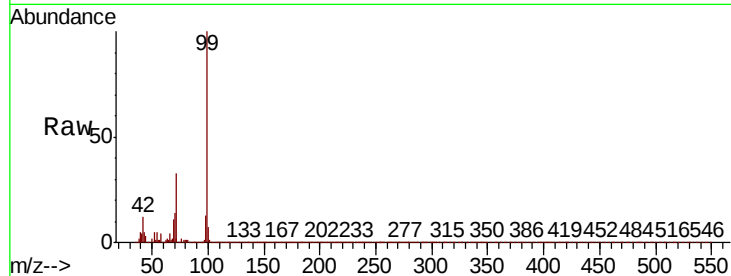
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1947113

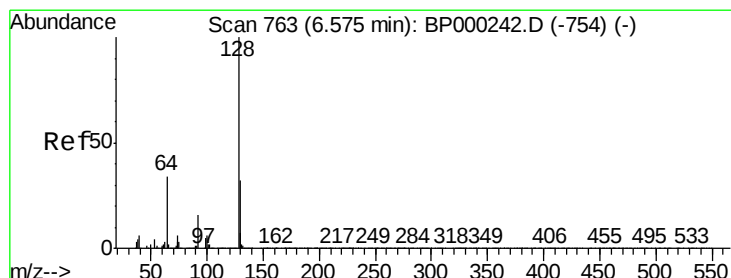
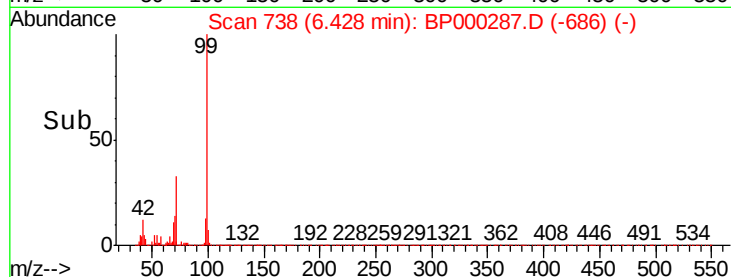
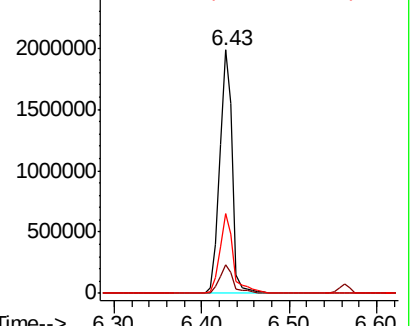
Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.5	12.7
71	32.7	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 0.006 ng

RT: 6.83 min Scan# 806

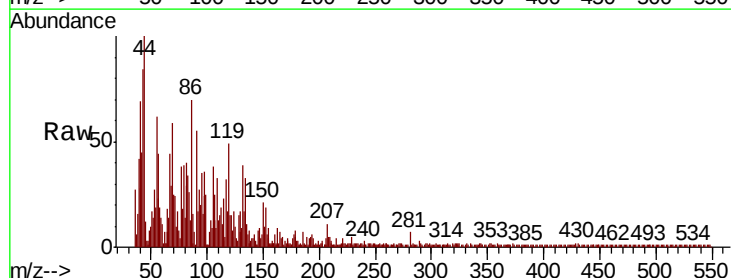
Delta R.T. 0.25 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion: 128 Resp: 112

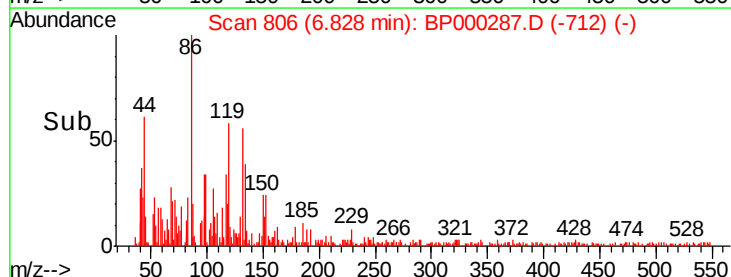
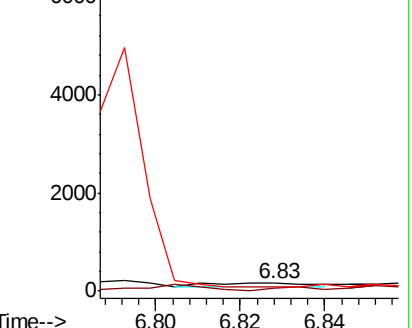
Ion	Ratio	Lower	Upper
128	100		
130	43.5	12.5	52.5
64	48.4	16.0	56.0

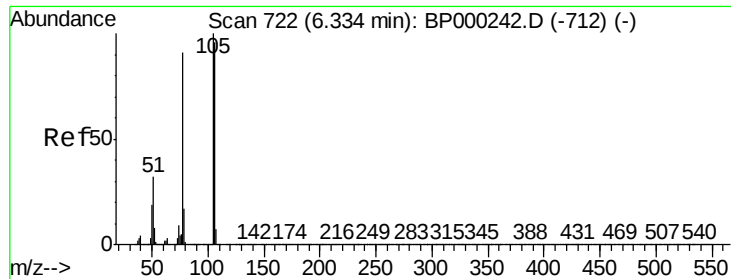


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

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ClientSampleId :

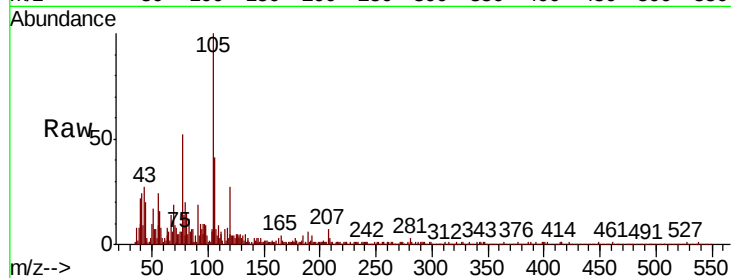
Tot Ion: 77 Resp: 2625

Ion Ratio Lower Upper

77 100

105 194.1 89.6 129.6#

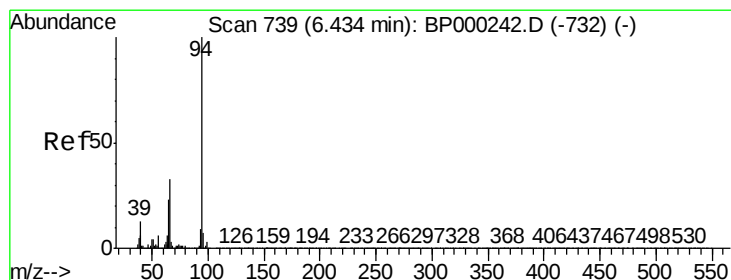
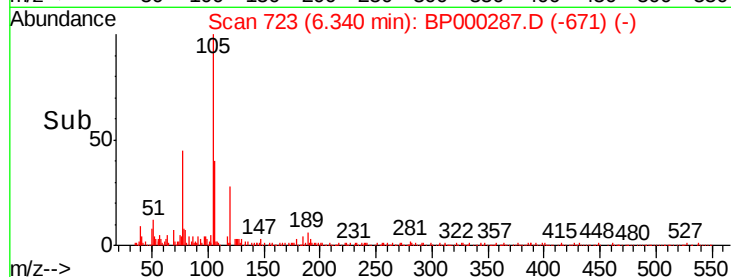
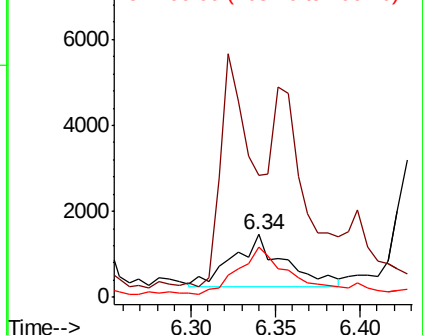
106 78.9 84.6 124.6#



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: 1.415 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

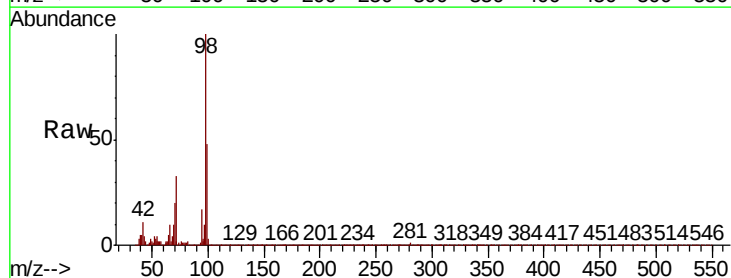
Tgt Ion: 94 Resp: 33290

Ion Ratio Lower Upper

94 100

65 28.4 3.3 43.3

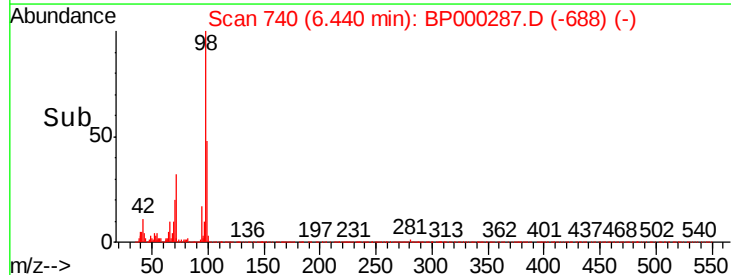
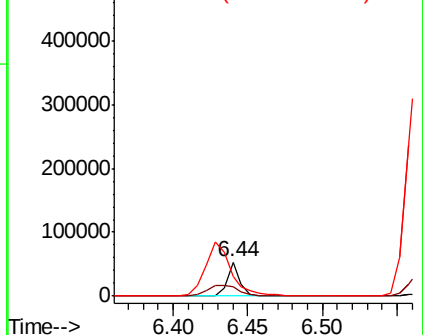
66 56.9 12.7 52.7#



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

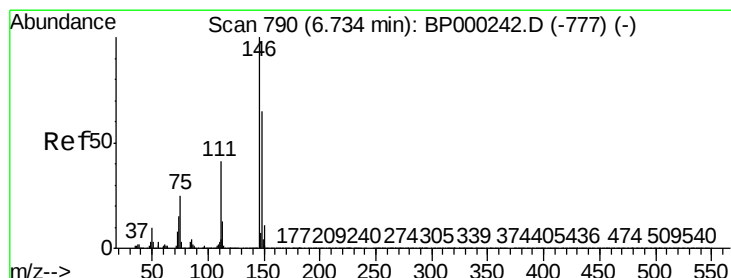
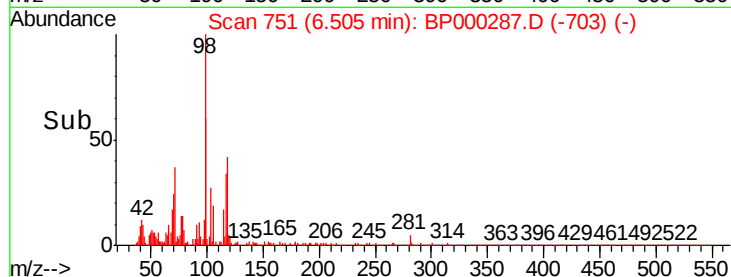
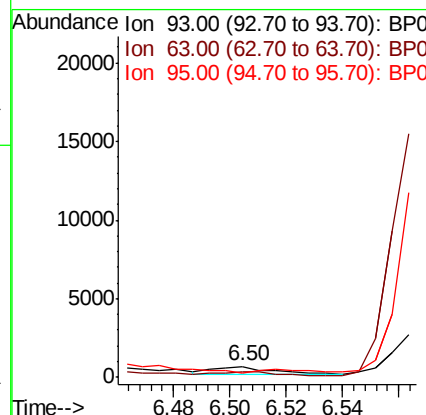
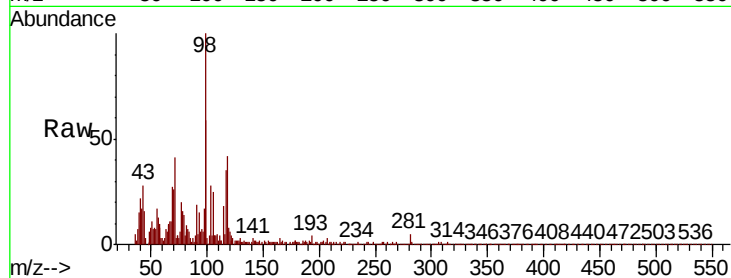




#11
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

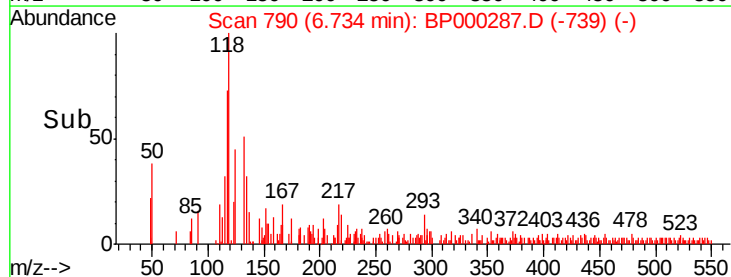
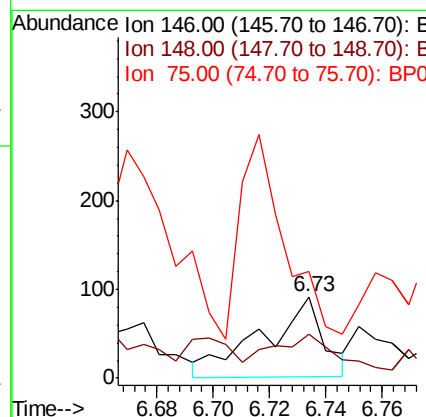
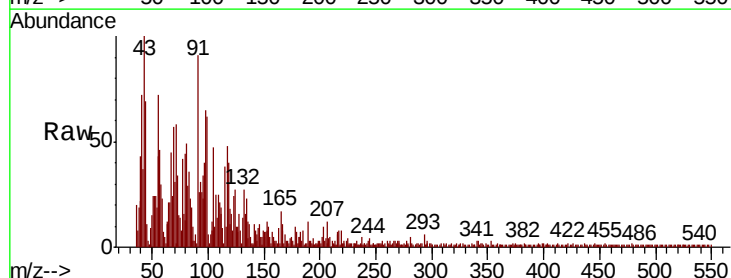
Instrument :
BNA_P
ClientSampleId :

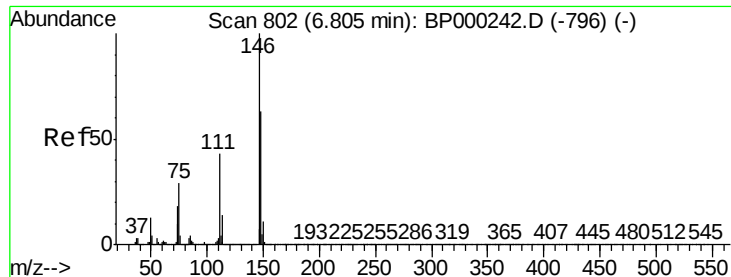
Tot Ion:	93	Resp:	727
Ion	Ratio	Lower	Upper
93	100		
63	48.6	41.0	81.0
95	44.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 0.006 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:	146	Resp:	134
Ion	Ratio	Lower	Upper
146	100		
148	54.3	52.1	78.1
75	130.4	20.2	30.4#





#13

1,4-Dichlorobenzene

Concen: 0.022 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

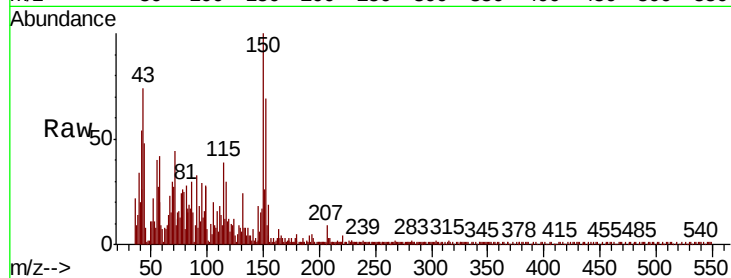
Tot Ion:146 Resp: 470

Ion Ratio Lower Upper

146 100

148 81.2 50.7 76.1#

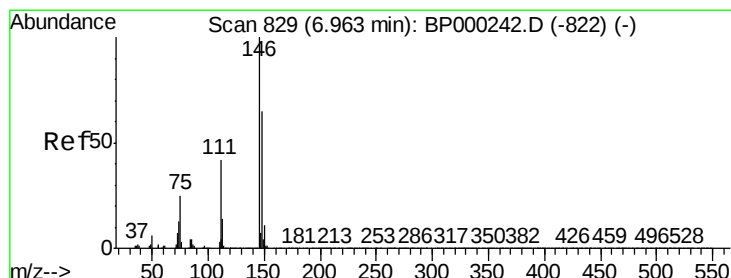
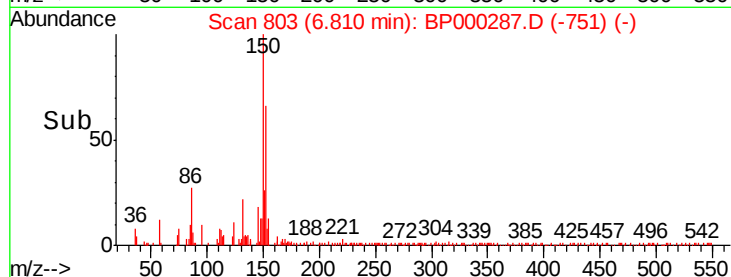
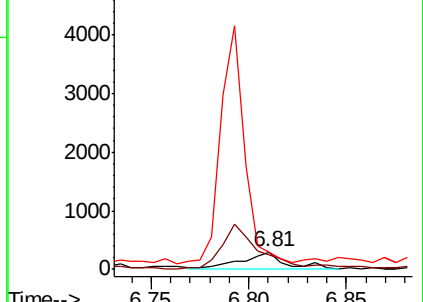
111 101.0 34.1 51.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.001 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.02 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

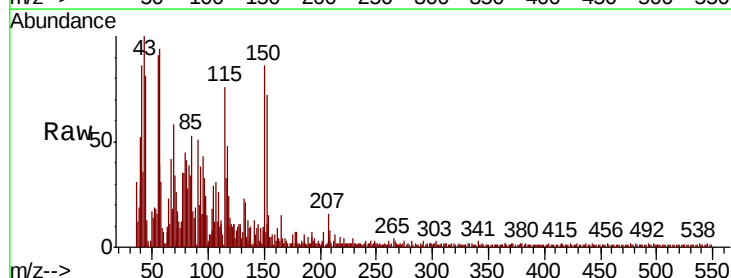
Tgt Ion:146 Resp: 20

Ion Ratio Lower Upper

146 100

148 42.6 51.7 77.5#

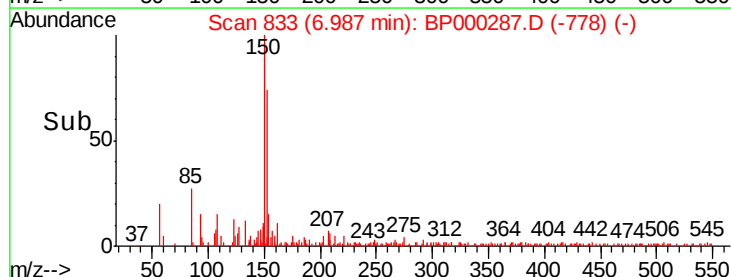
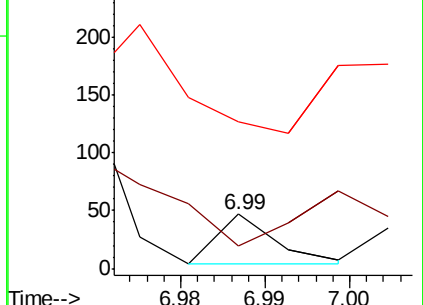
111 270.2 33.4 50.2#

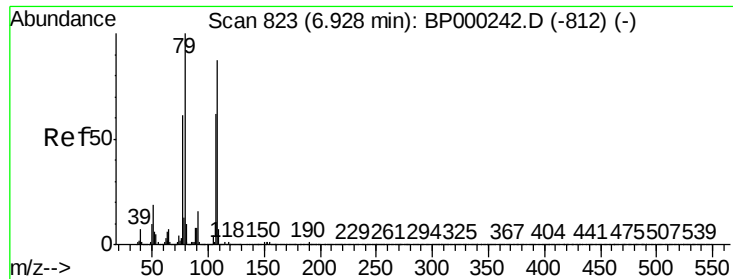


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.318 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.02 min

Lab File: BP000287.D

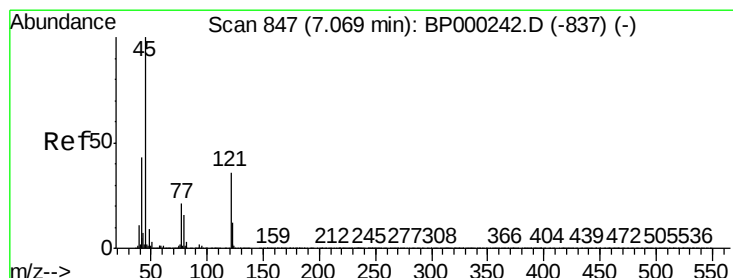
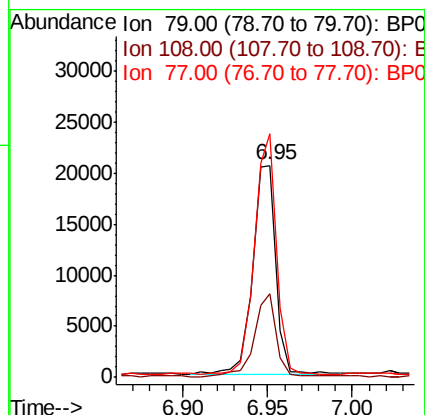
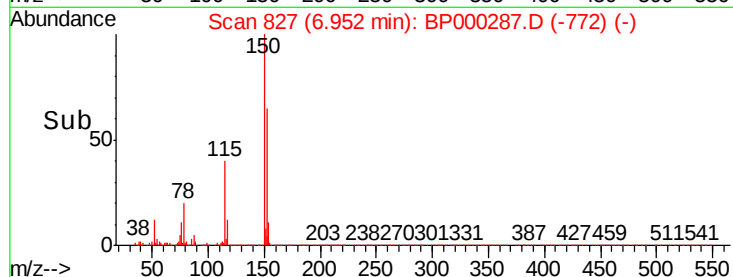
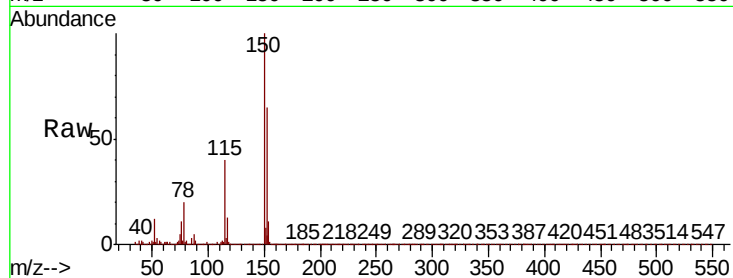
Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	79	Resp:	19862
Ion	Ratio	Lower	Upper
79	100		
108	39.3	69.2	103.8#
77	114.7	48.7	73.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.003 ng

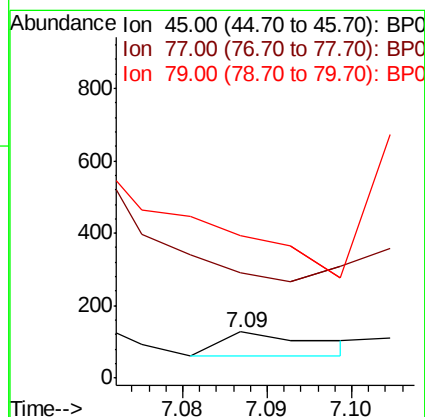
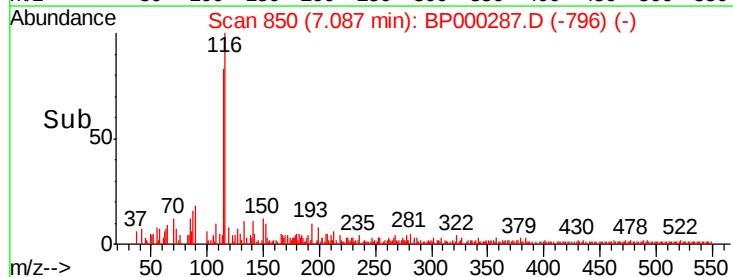
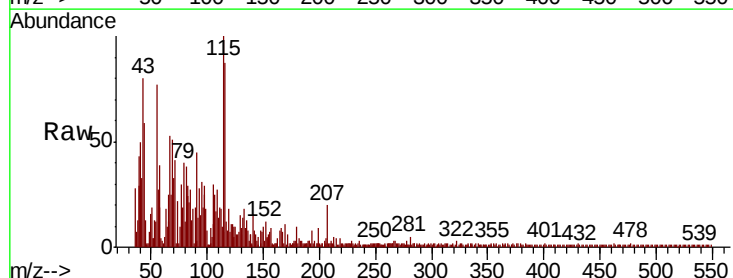
RT: 7.09 min Scan# 850

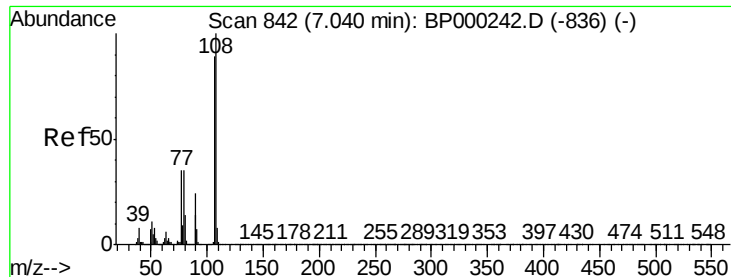
Delta R.T. 0.02 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion:	45	Resp:	53
Ion	Ratio	Lower	Upper
45	100		
77	228.3	0.7	40.7#
79	311.0	0.0	36.4#





#17

2-Methylphenol

Concen: 0.020 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000287.D

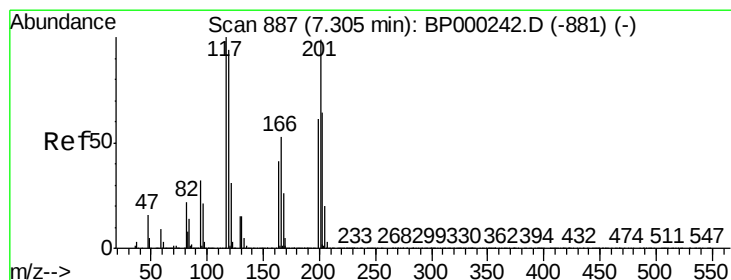
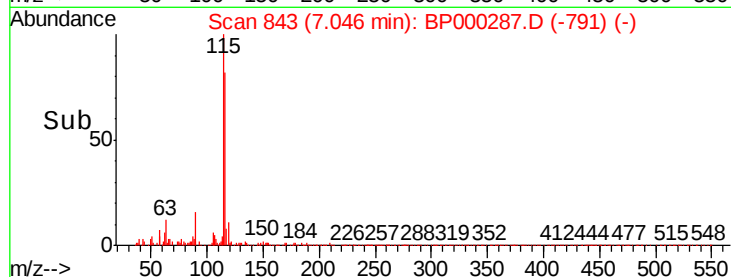
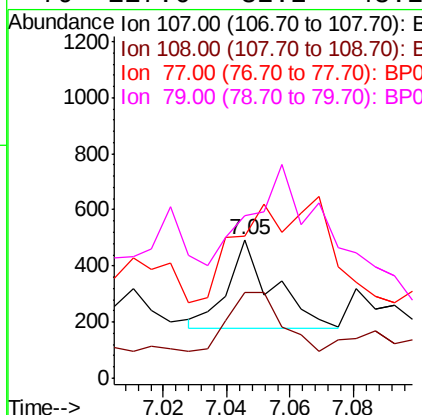
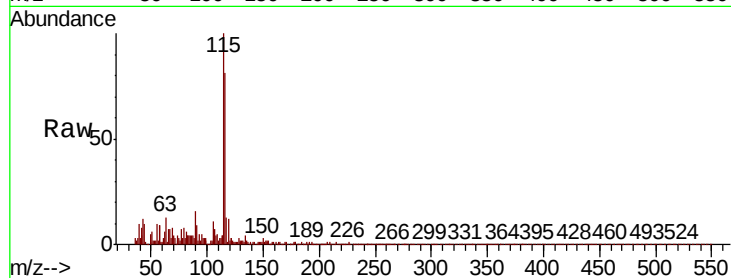
Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

Tot Ion:	107	Resp:	309
Ion	Ratio	Lower	Upper
107	100		
108	61.7	90.1	135.1#
77	102.6	31.5	47.3#
79	117.6	32.2	48.2#



#18

Hexachloroethane

Concen: 0.116 ng

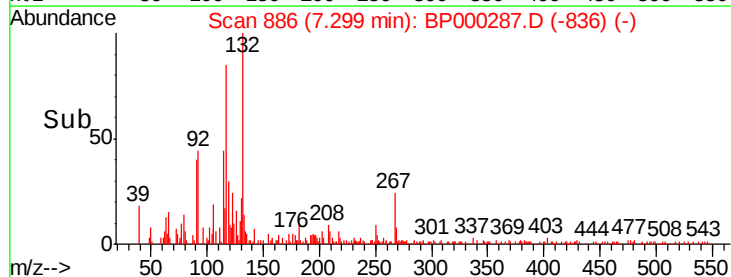
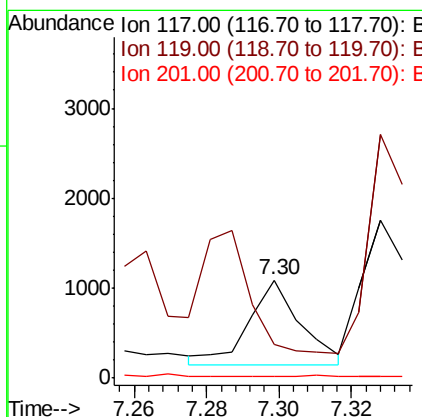
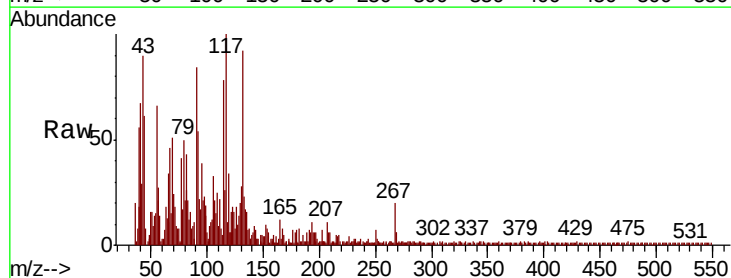
RT: 7.30 min Scan# 886

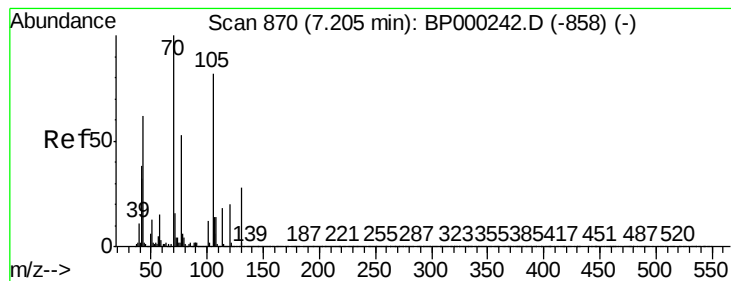
Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion:	117	Resp:	934
Ion	Ratio	Lower	Upper
117	100		
119	33.9	75.6	113.4#
201	1.7	79.4	119.2#





#19

n-Nitroso-di-n-propylamine

Concen: 7.330 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000287.D

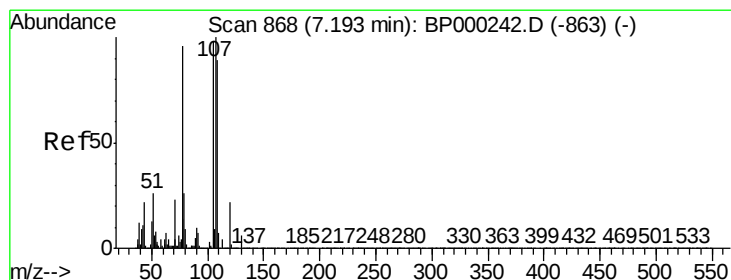
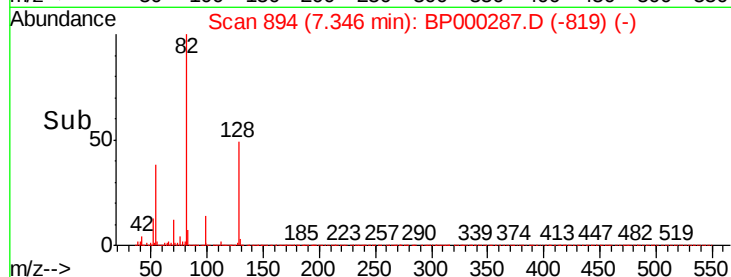
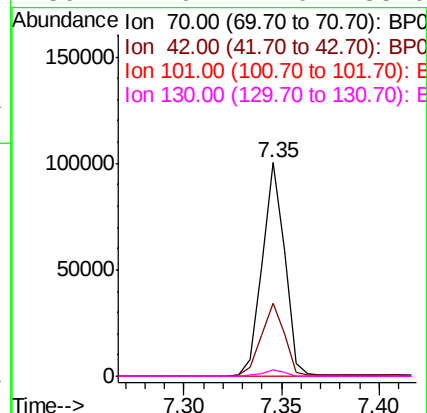
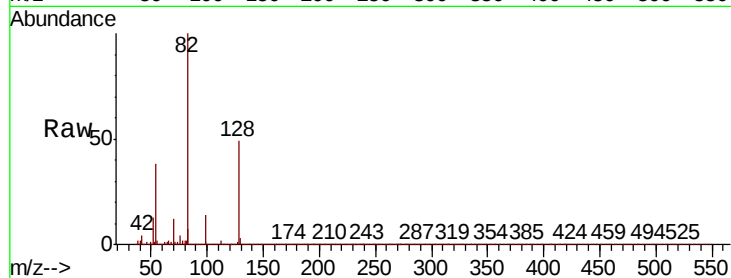
Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	70	Resp:	80266
Ion	Ratio	Lower	Upper
70	100		
42	34.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.9	22.0	33.0#



#20

3+4-Methylphenols

Concen: 0.069 ng

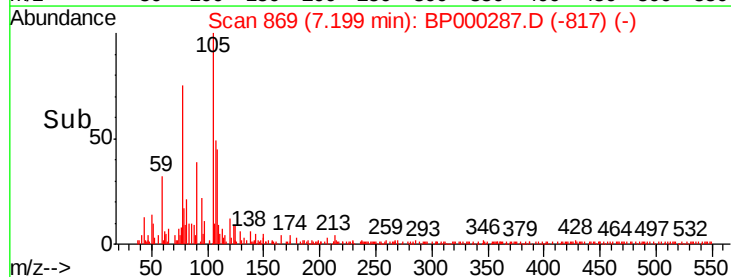
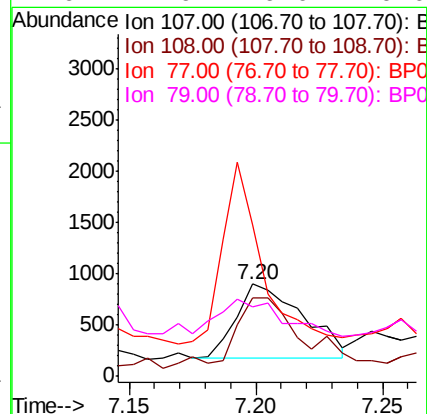
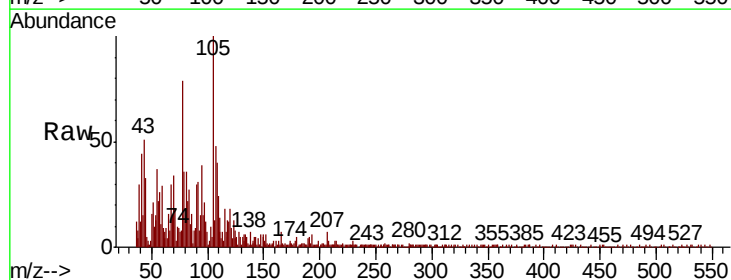
RT: 7.20 min Scan# 869

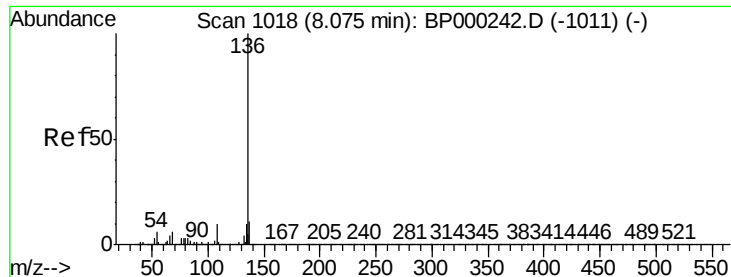
Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion:	107	Resp:	1308
Ion	Ratio	Lower	Upper
107	100		
108	84.4	68.8	108.8
77	164.8	75.7	115.7#
79	74.9	6.0	46.0#

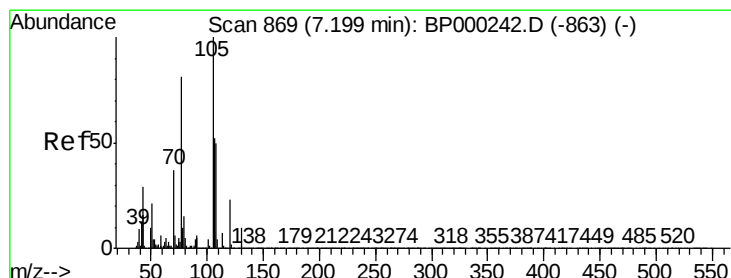
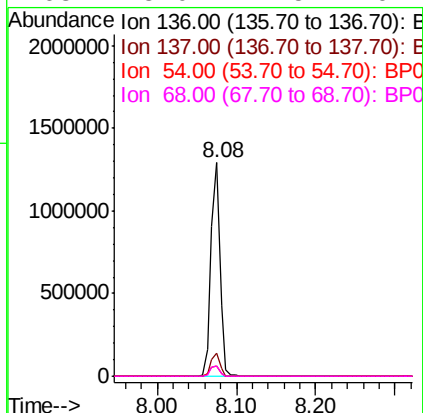
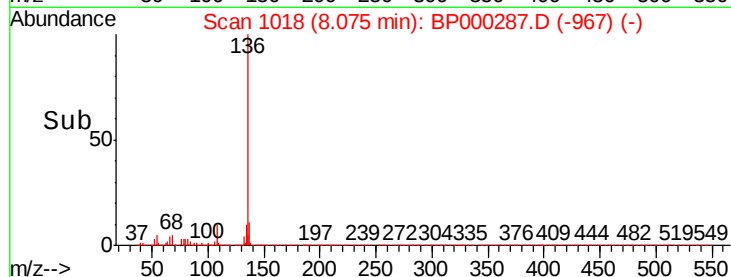
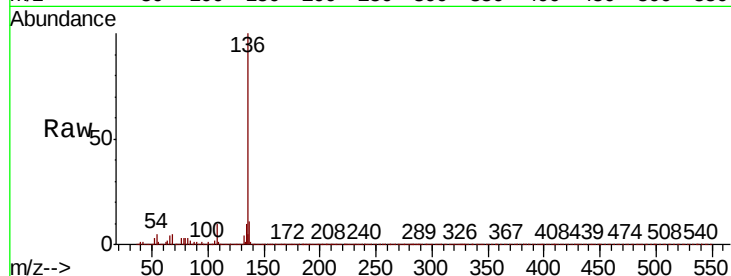




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

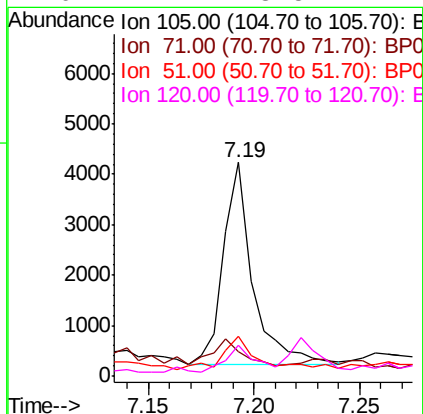
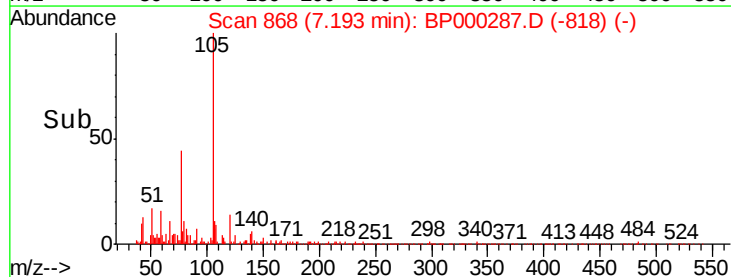
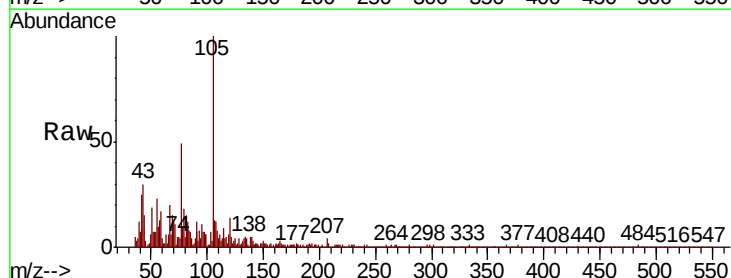
Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 1014455
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 5.1	4.5 6.7
68 5.0	4.5 6.7



#22
Acetophenone
Concen: 0.176 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt	Ion:105	Resp:	3871
Ion	Ratio	Lower	Upper
105	100		
71	11.2	5.2	7.8#
51	18.6	16.6	24.8
120	14.2	18.5	27.7#

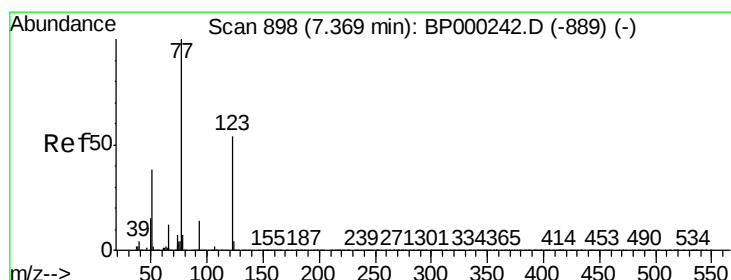
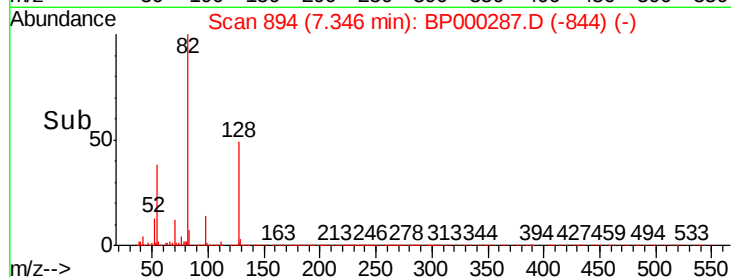
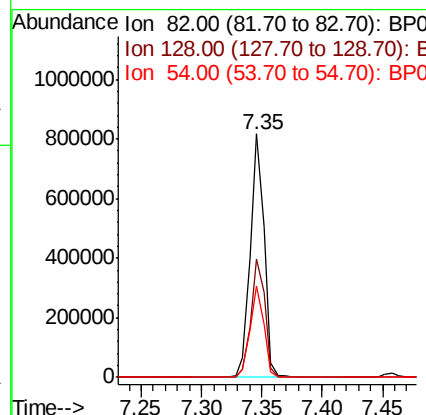
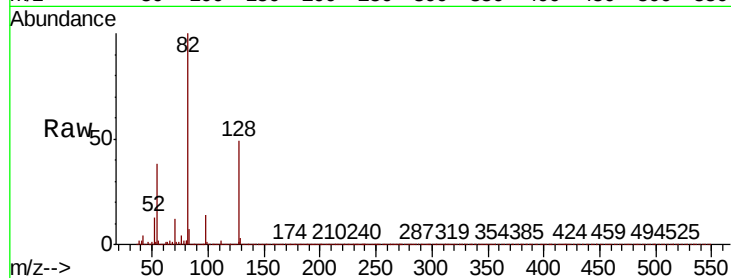




#23
Nitrobenzene-d5
Concen: 41.771 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

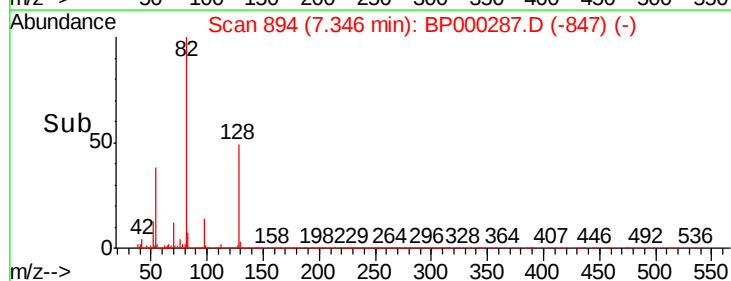
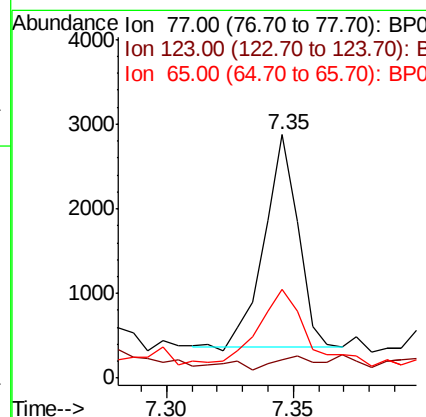
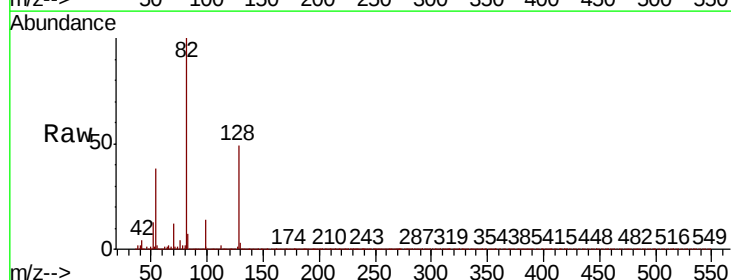
Instrument :
BNA_P
ClientSampleId :

Tot Ion: 82 Resp: 656781
Ion Ratio Lower Upper
82 100
128 48.6 40.7 61.1
54 37.6 30.1 45.1



#24
Nitrobenzene
Concen: 0.142 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion: 77 Resp: 2319
Ion Ratio Lower Upper
77 100
123 7.3 43.1 64.7#
65 36.5 9.4 14.2#





#25

Isophorone

Concen: 21.063 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

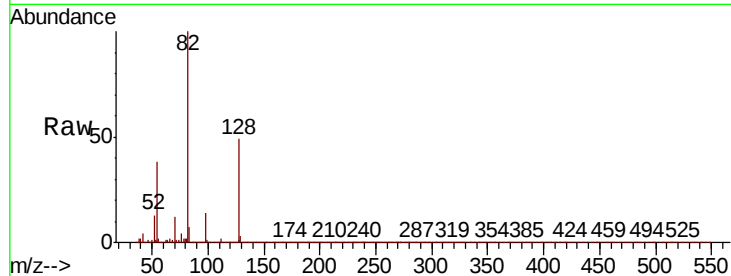
Tot Ion: 82 Resp: 655789

Ion Ratio Lower Upper

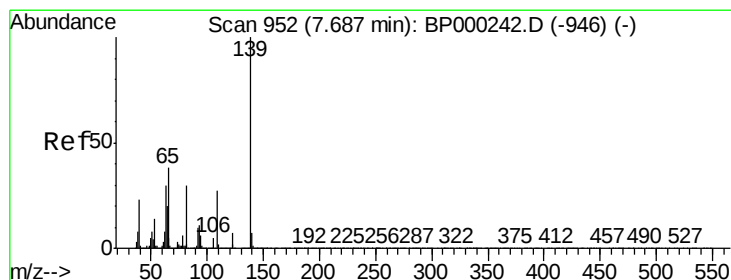
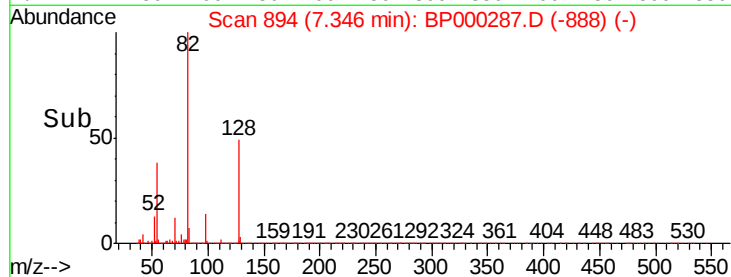
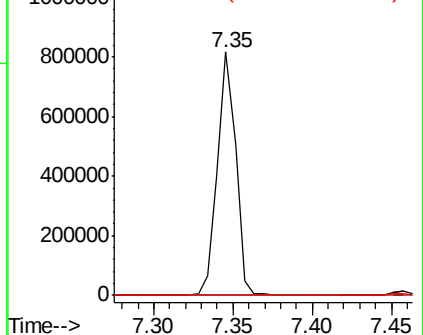
82 100

95 0.1 5.9 8.9#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BPO
Ion 95.00 (94.70 to 95.70): BPO
Ion 138.00 (137.70 to 138.70): BPO



#26

2-Nitrophenol

Concen: 0.007 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.02 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

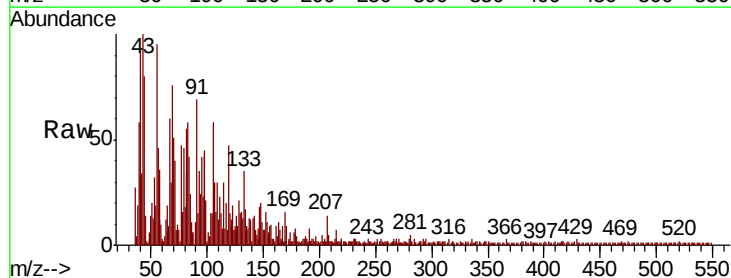
Tgt Ion: 139 Resp: 62

Ion Ratio Lower Upper

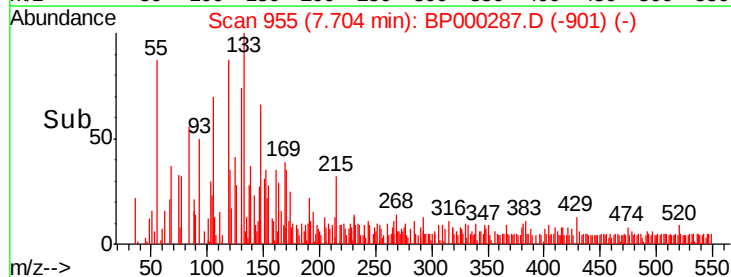
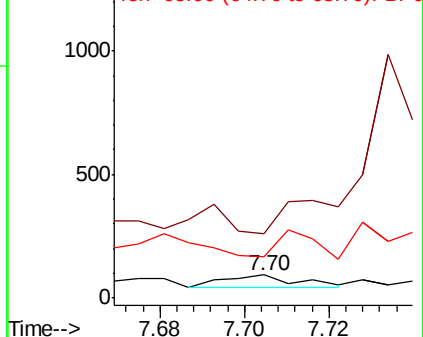
139 100

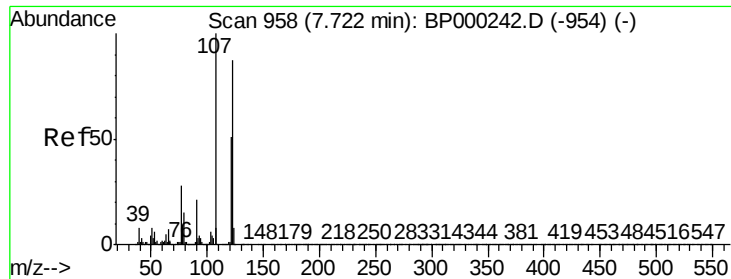
109 285.9 21.8 32.6#

65 180.4 30.5 45.7#



Abundance Ion 139.00 (138.70 to 139.70): BPO
Ion 109.00 (108.70 to 109.70): BPO
Ion 65.00 (64.70 to 65.70): BPO

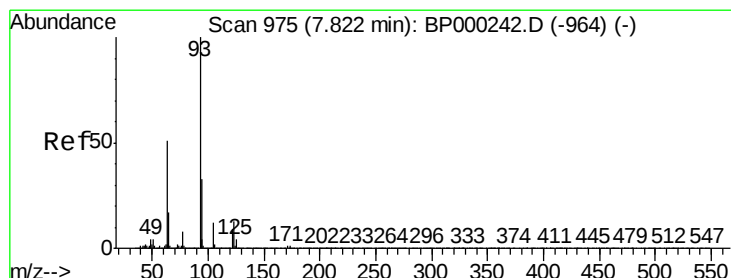
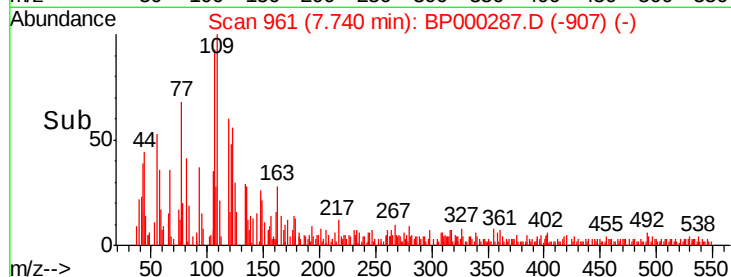
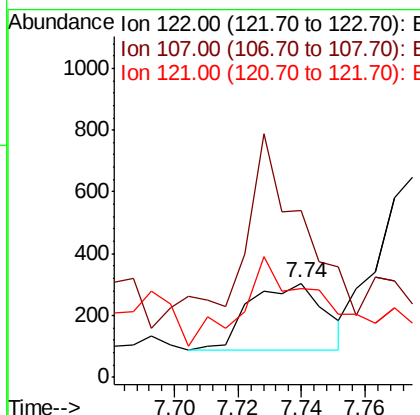
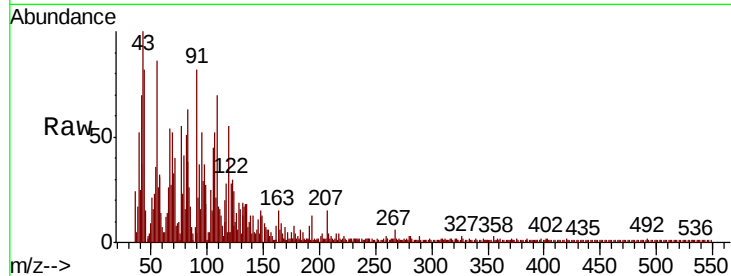




#27
2,4-Dimethylphenol
Concen: 0.025 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.02 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

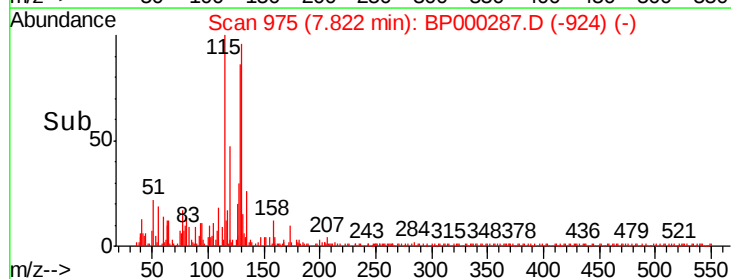
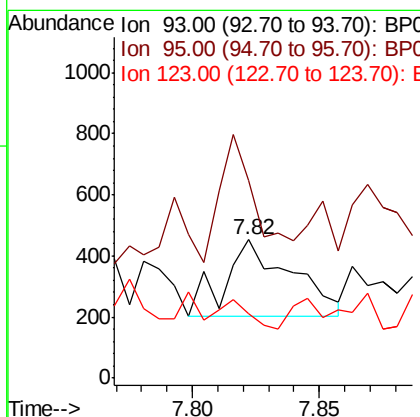
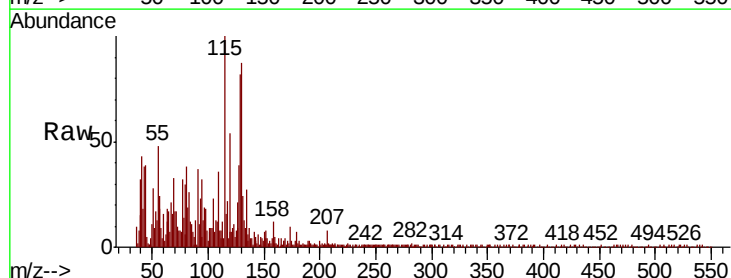
Instrument :
BNA_P
ClientSampled :

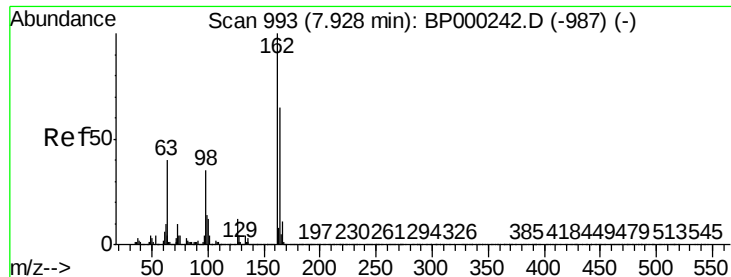
Tot Ion:122 Resp: 349
Ion Ratio Lower Upper
122 100
107 177.3 91.5 137.3#
121 94.4 46.9 70.3#



#28
bis(2-Chloroethoxy)methane
Concen: 0.022 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion: 93 Resp: 454
Ion Ratio Lower Upper
93 100
95 142.8 26.2 39.4#
123 46.6 10.2 15.2#





#29

2,4-Dichlorophenol

Concen: 0.012 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

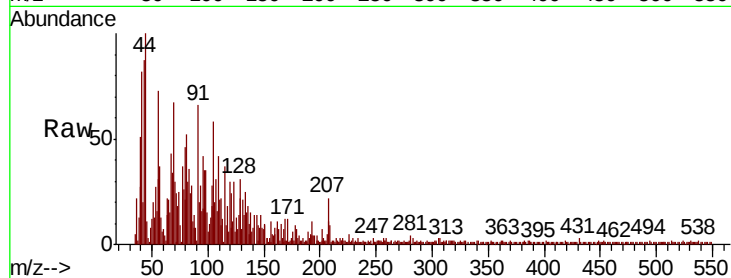
Tot Ion:162 Resp: 181

Ion Ratio Lower Upper

162 100

164 17.0 44.5 84.5#

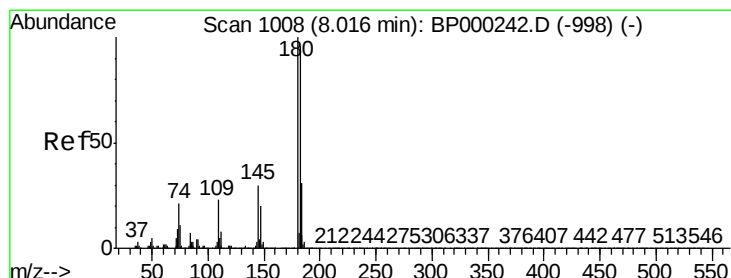
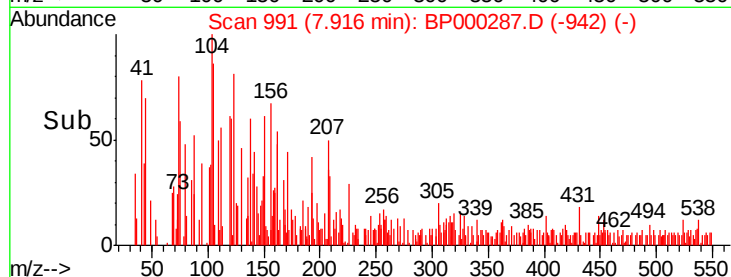
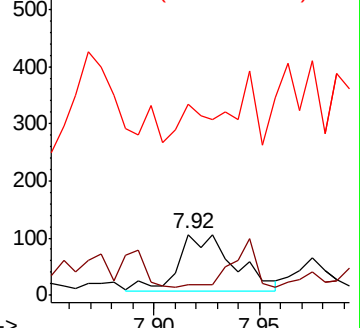
98 314.2 15.2 55.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 0.005 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

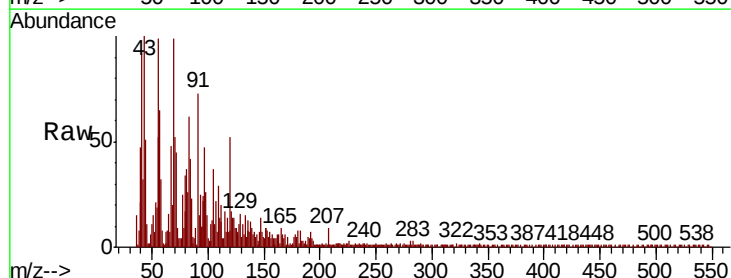
Tgt Ion:180 Resp: 82

Ion Ratio Lower Upper

180 100

182 95.2 77.2 115.8

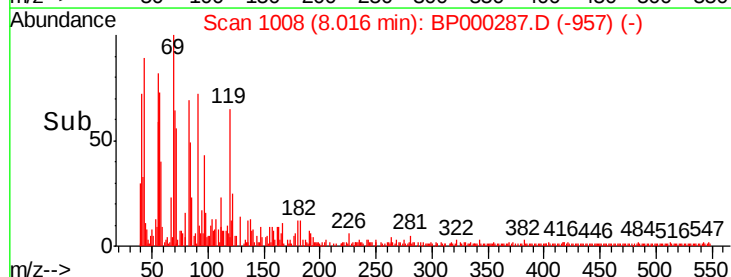
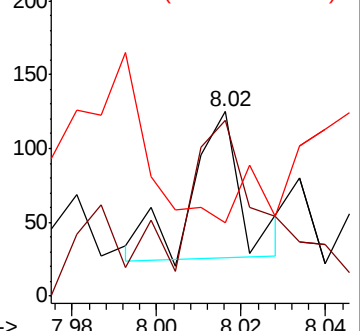
145 40.0 24.3 36.5#

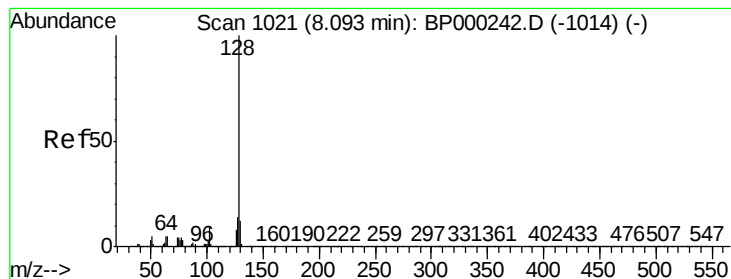


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 0.336 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

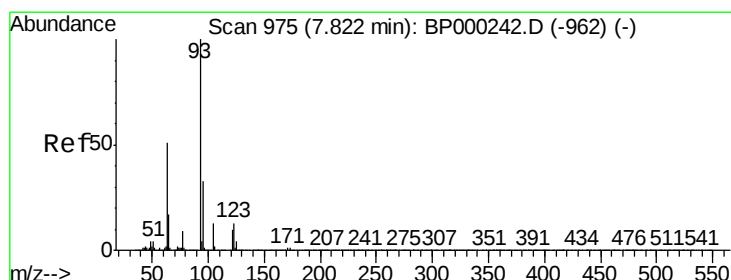
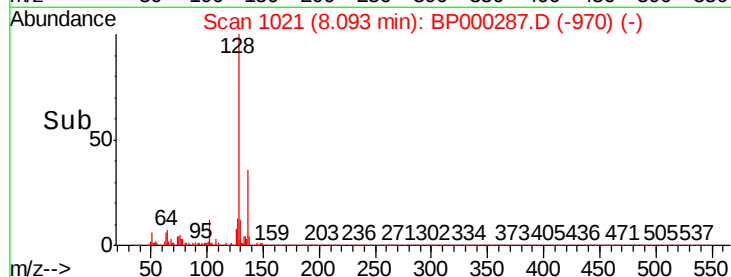
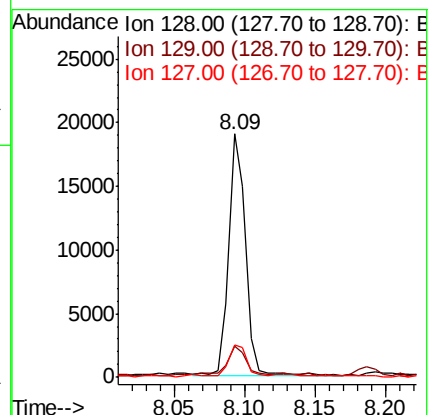
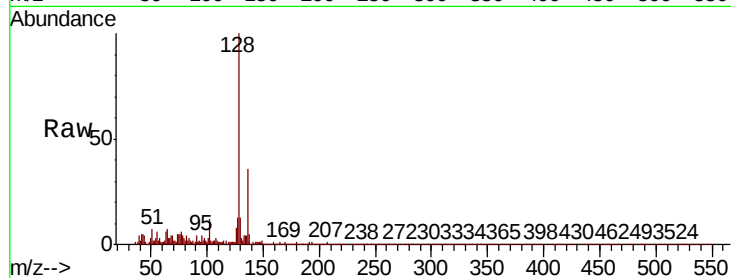
Tot Ion:128 Resp: 15796

Ion Ratio Lower Upper

128 100

129 12.7 9.2 13.8

127 13.3 11.0 16.6



#32

Benzoic acid

Concen: 0.084 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.04 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

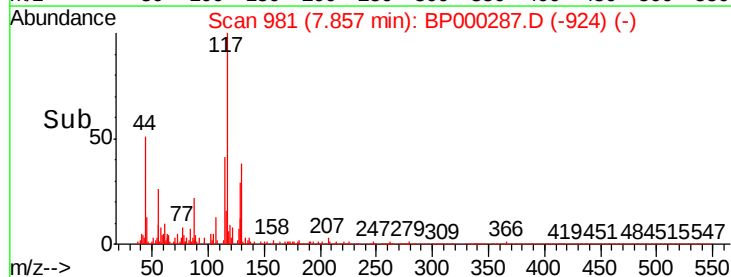
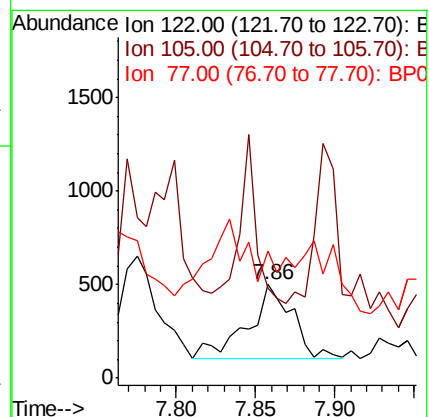
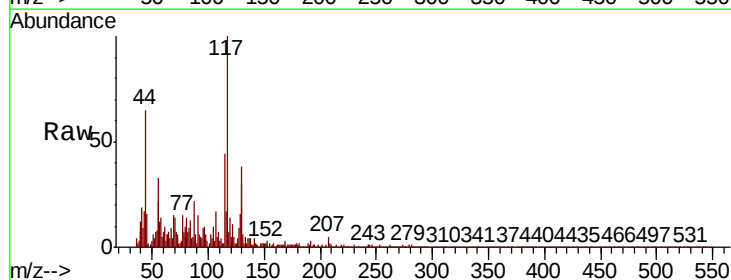
Tgt Ion:122 Resp: 785

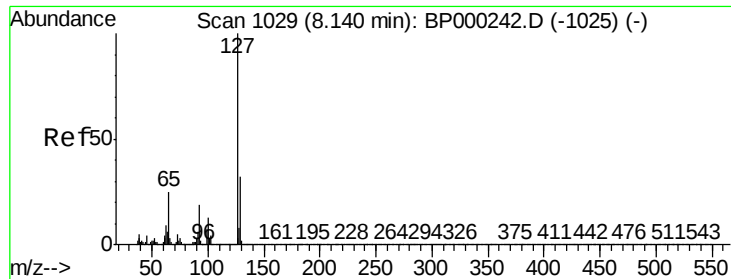
Ion Ratio Lower Upper

122 100

105 96.2 105.4 145.4#

77 136.9 65.3 105.3#





#33

4-Chloroaniline

Concen: 0.007 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BP000287.D

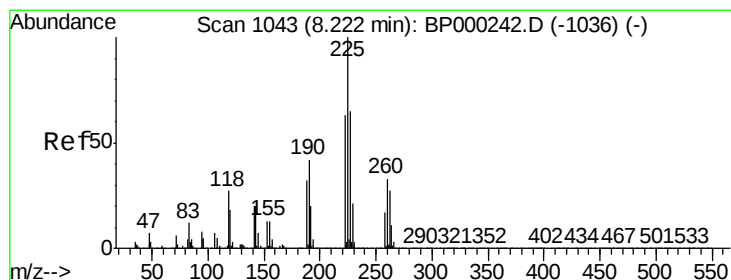
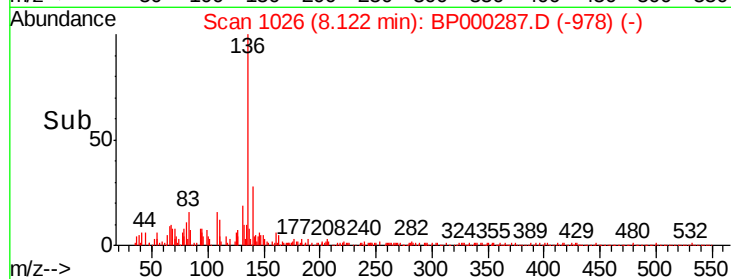
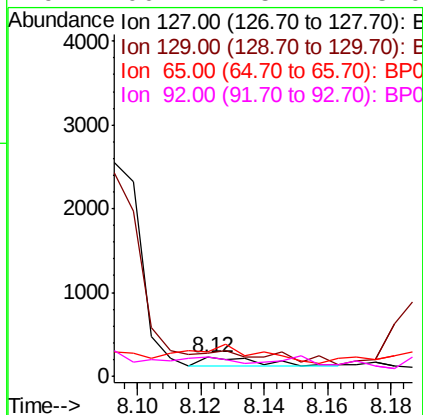
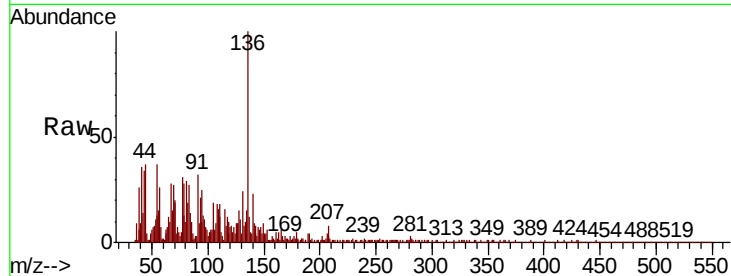
Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	127	Resp:	144
Ion	Ratio	Lower	Upper
127	100		
129	118.9	25.7	38.5#
65	124.7	19.9	29.9#
92	100.4	15.4	23.0#



#34

Hexachlorobutadiene

Concen: 0.002 ng

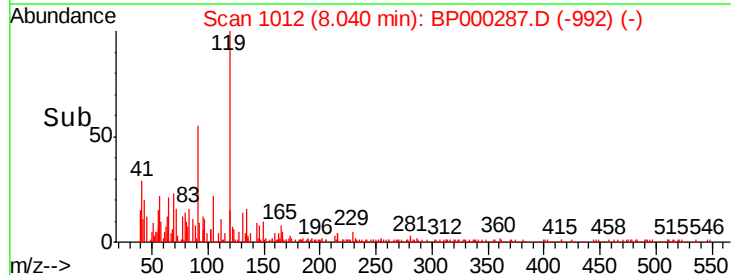
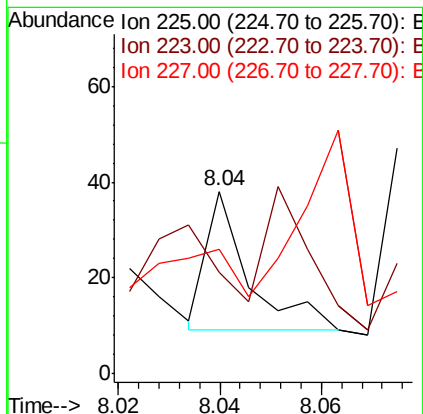
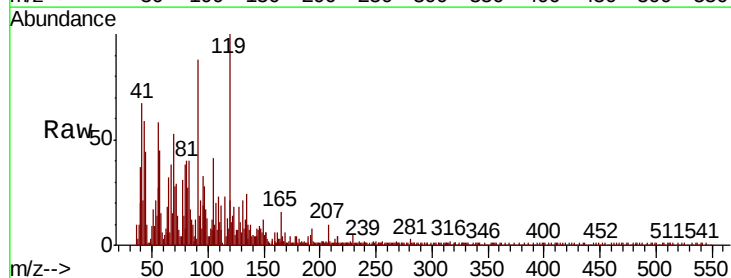
RT: 8.04 min Scan# 1012

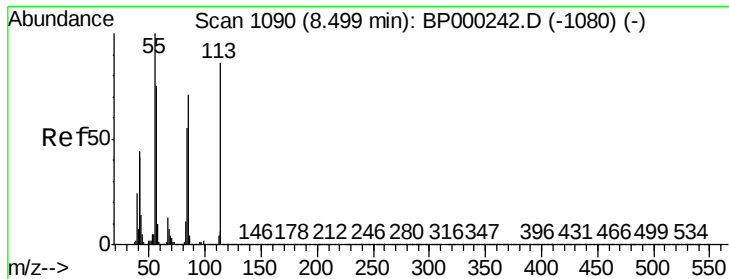
Delta R.T. -0.18 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion:	225	Resp:	17
Ion	Ratio	Lower	Upper
225	100		
223	55.3	50.2	75.2
227	68.4	51.8	77.6

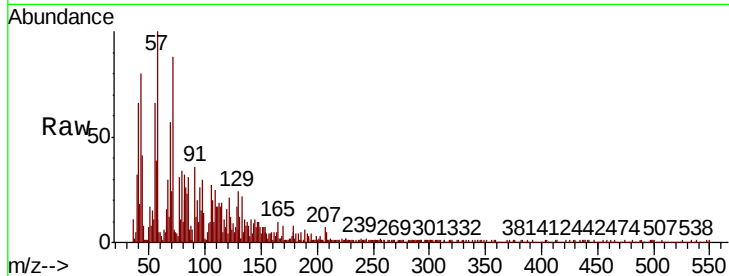




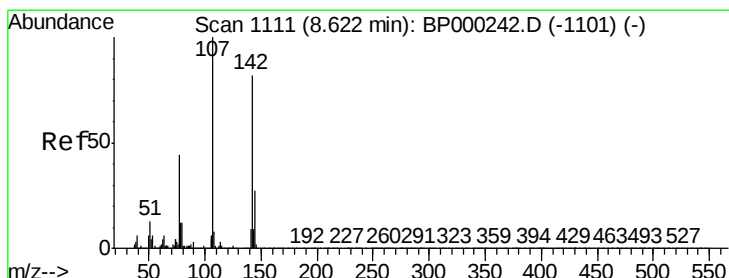
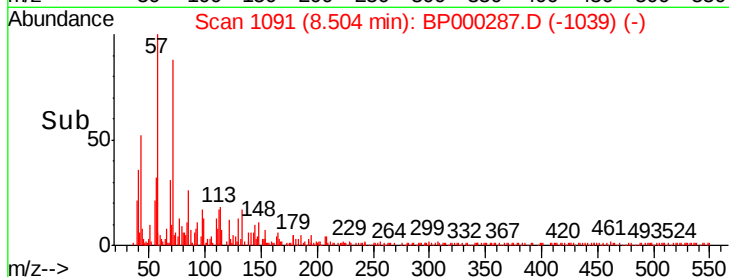
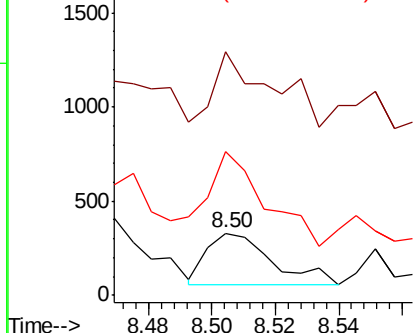
#35
 Caprolactam
 Concen: 0.077 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:113 Resp: 389
 Ion Ratio Lower Upper
 113 100
 55 390.6 96.8 136.8#
 56 229.6 67.5 107.5#

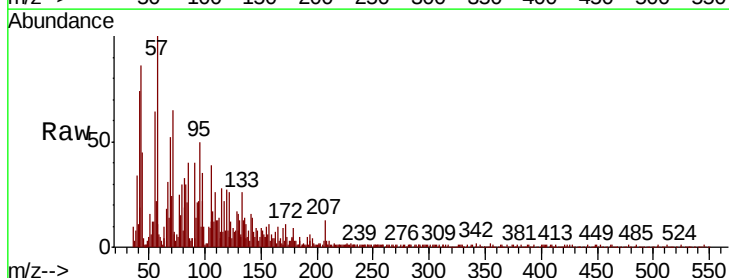


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BP0
 Ion 56.00 (55.70 to 56.70): BP0

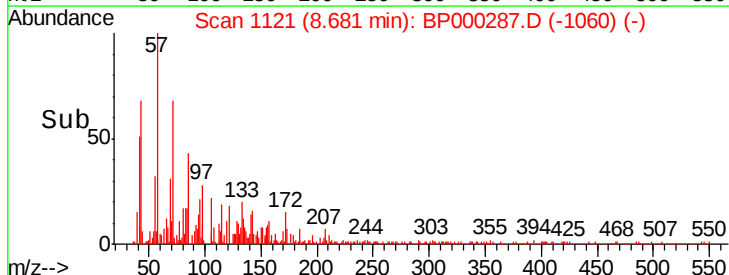
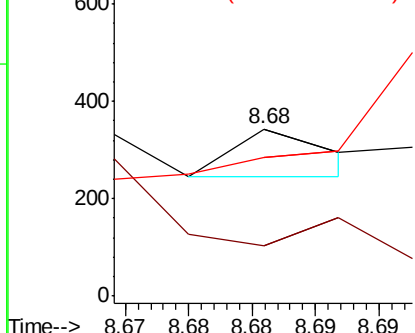


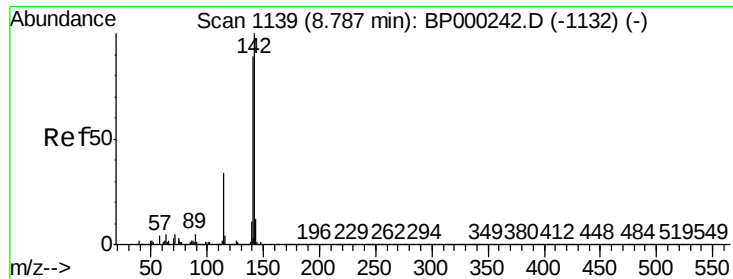
#36
 4-Chloro-3-methylphenol
 Concen: 0.003 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.06 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Tgt Ion:107 Resp: 51
 Ion Ratio Lower Upper
 107 100
 144 30.3 21.5 32.3
 142 83.4 65.7 98.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

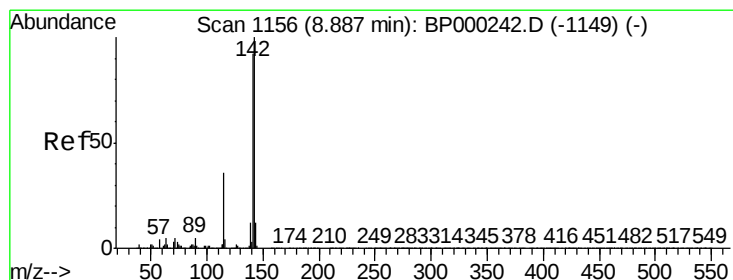
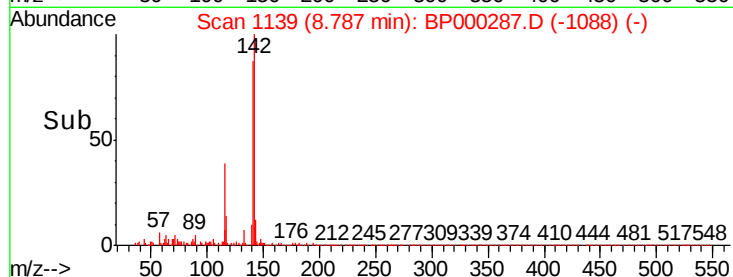
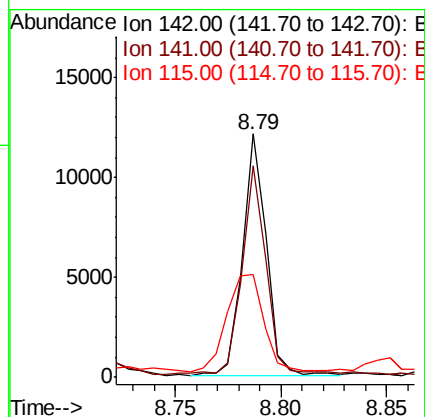
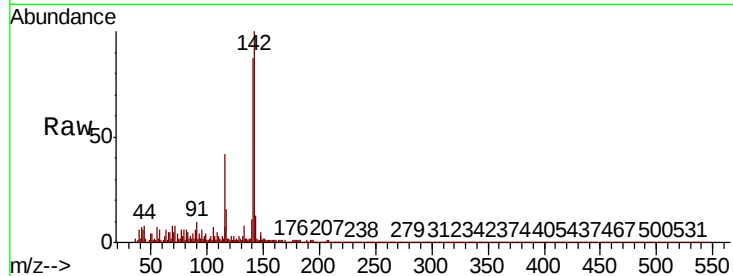




#37
2-Methylnaphthalene
Concen: 0.289 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

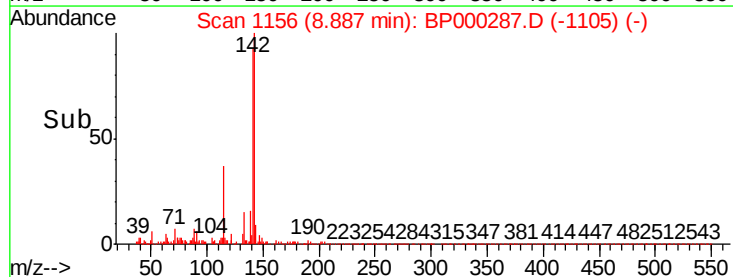
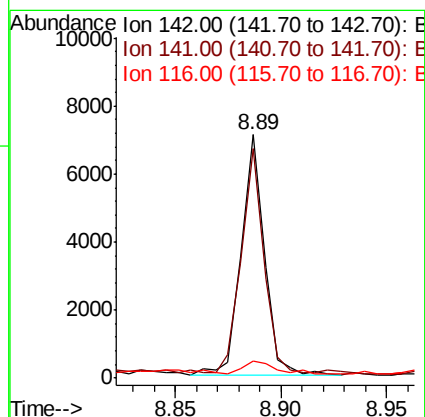
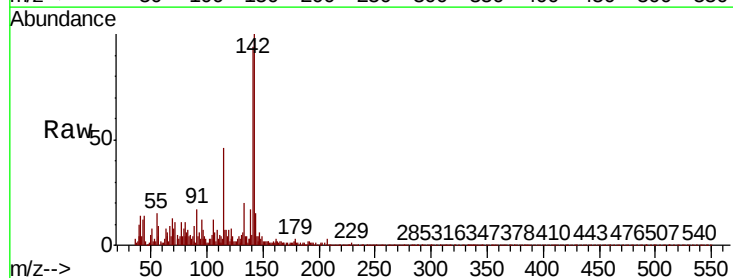
Instrument :
BNA_P
ClientSampleId :

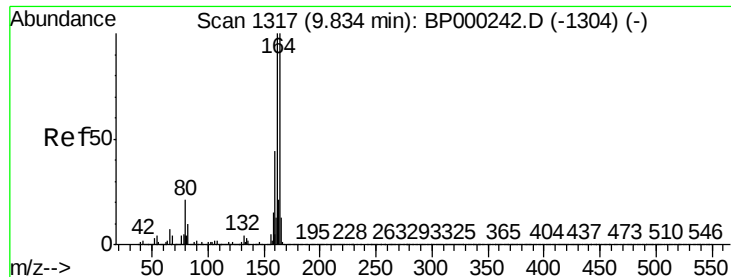
Tot Ion:142 Resp: 9295
Ion Ratio Lower Upper
142 100
141 86.8 71.3 106.9
115 42.0 27.2 40.8#



#38
1-Methylnaphthalene
Concen: 0.181 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:142 Resp: 5433
Ion Ratio Lower Upper
142 100
141 94.4 73.9 110.9
116 6.9 3.0 4.6#

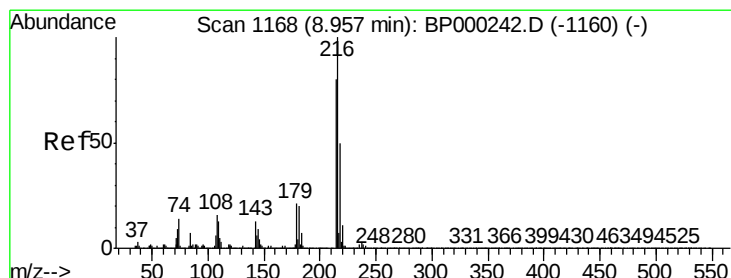
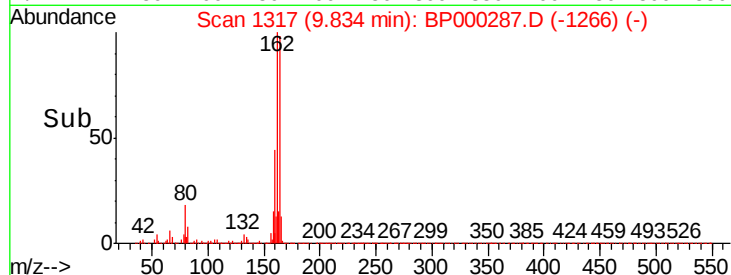
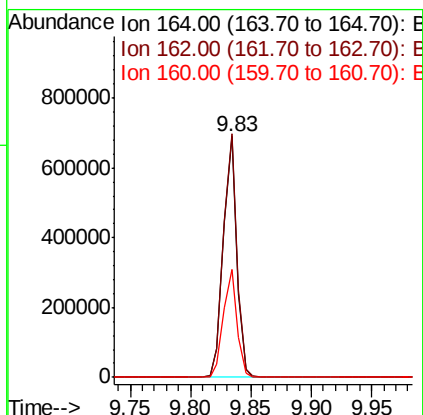
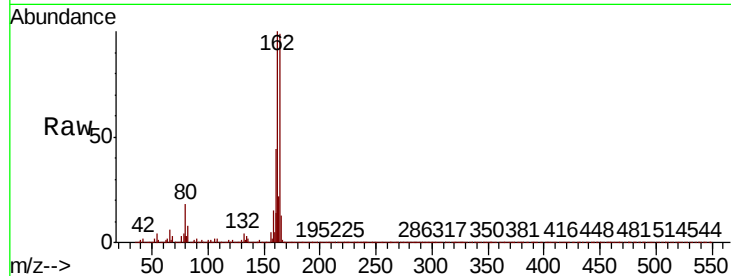




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

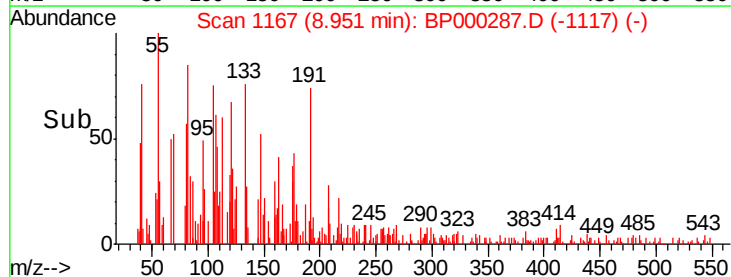
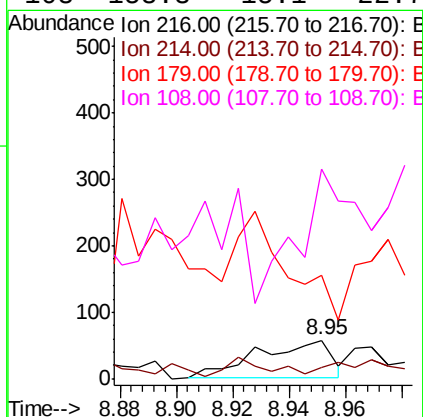
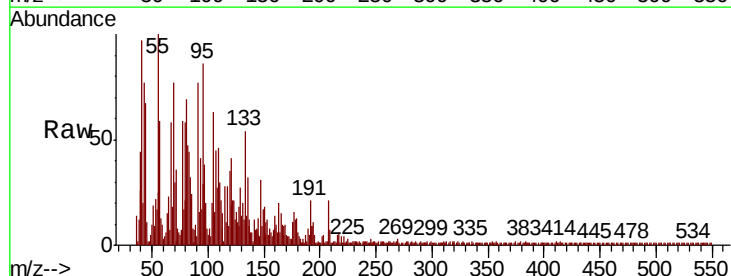
Instrument :
BNA_P
ClientSampleId :

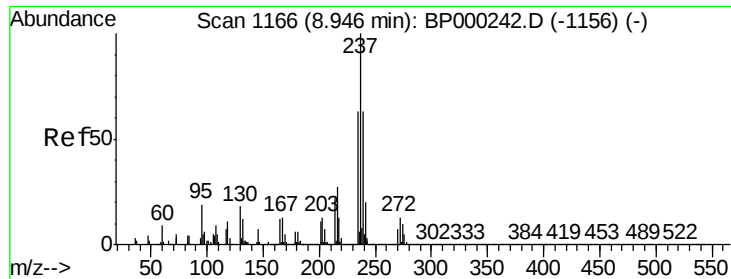
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.8	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.007 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	35.9	63.6	95.4#
179	0.0	17.0	25.4#
108	158.3	15.1	22.7#





#41

Hexachlorocyclopentadiene

Concen: 0.003 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

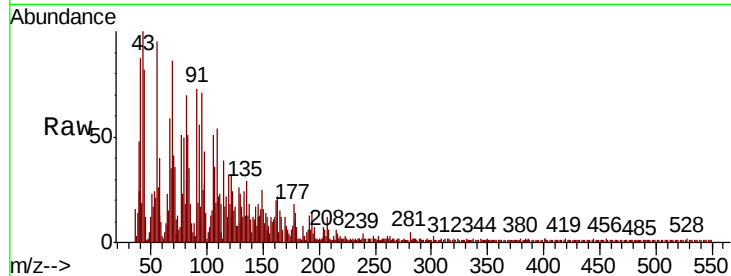
Tot Ion:237 Resp: 22

Ion Ratio Lower Upper

237 100

235 68.8 43.5 83.5

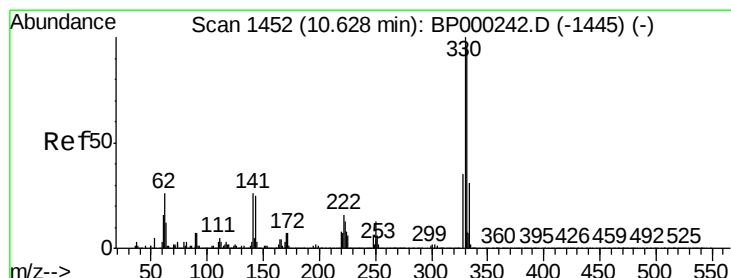
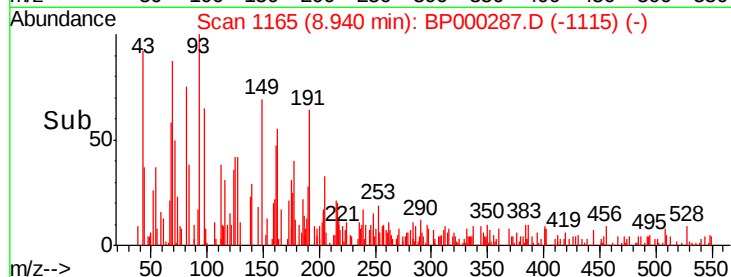
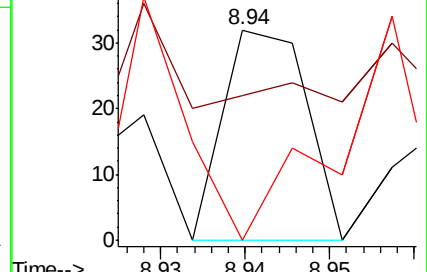
272 0.0 0.0 33.0



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: 74.337 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

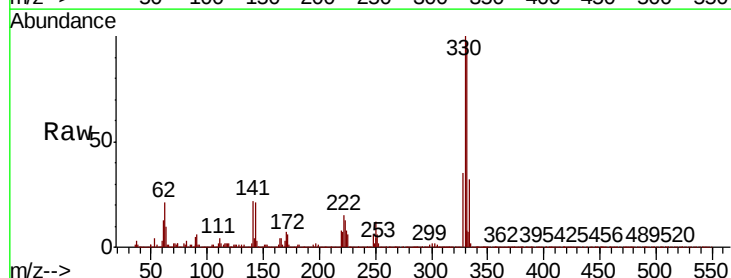
Tgt Ion:330 Resp: 388035

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

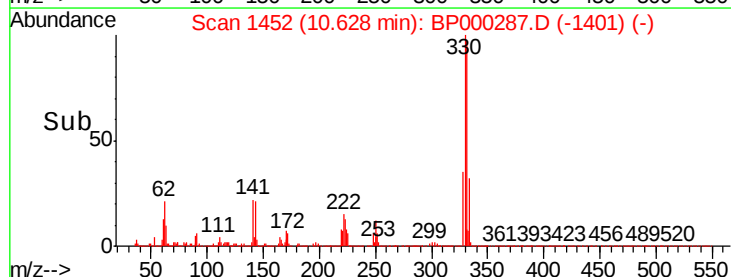
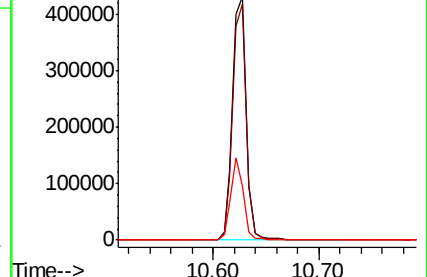
141 30.9 26.5 39.7

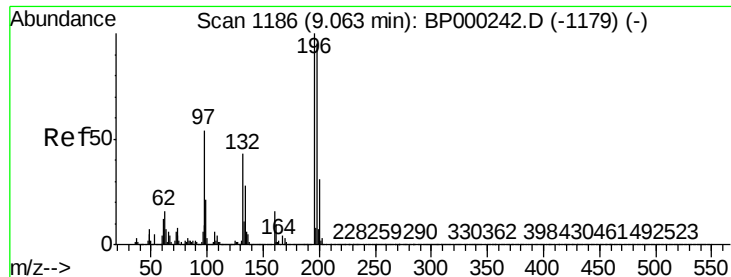


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

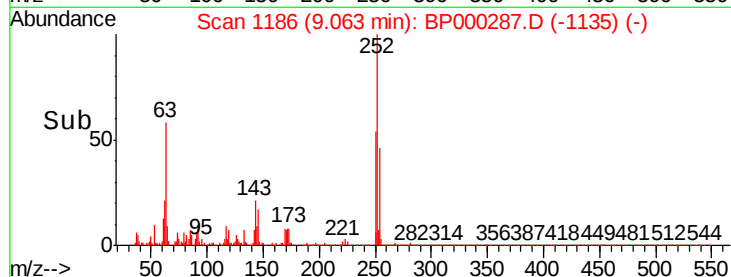
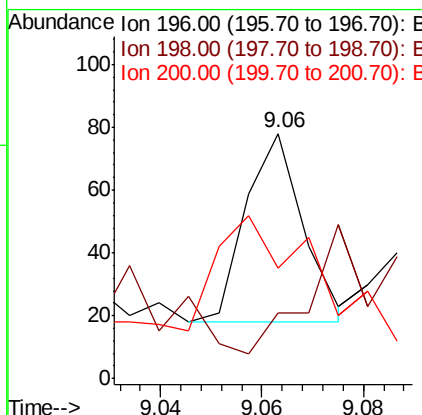
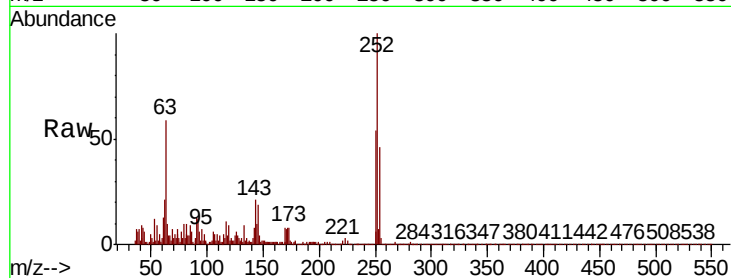




#43
 2,4,6-Trichlorophenol
 Concen: 0.005 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

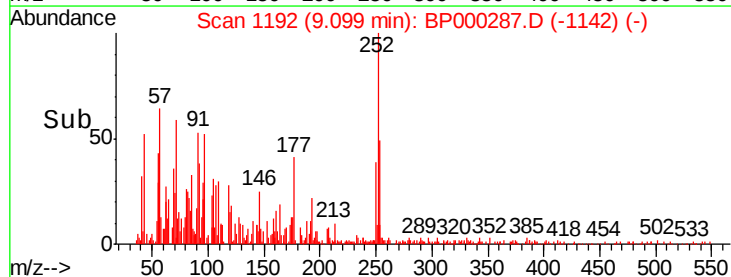
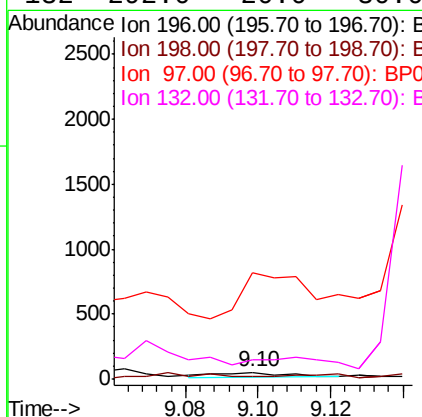
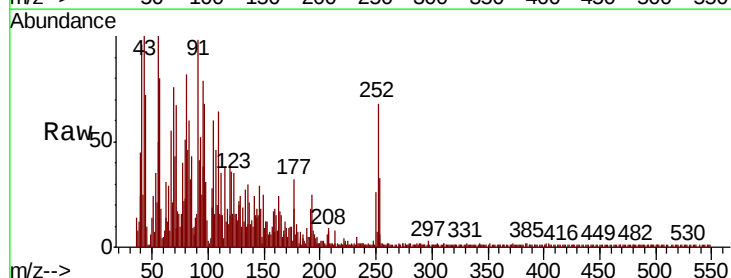
Instrument :
 BNA_P
 ClientSampleId :

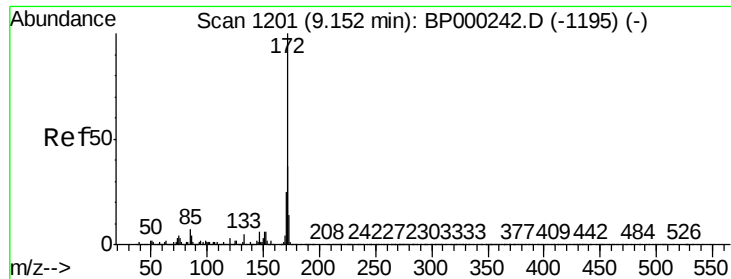
Tot Ion	Ratio	Lower	Upper
196	100		
198	26.9	76.0	114.0#
200	44.9	24.6	37.0#



#44
 2,4,5-Trichlorophenol
 Concen: 0.004 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	42.0	78.1	117.1#
97	1636.0	33.3	49.9#
132	292.0	20.0	30.0#

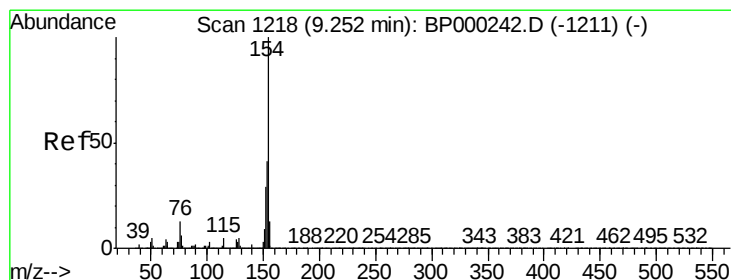
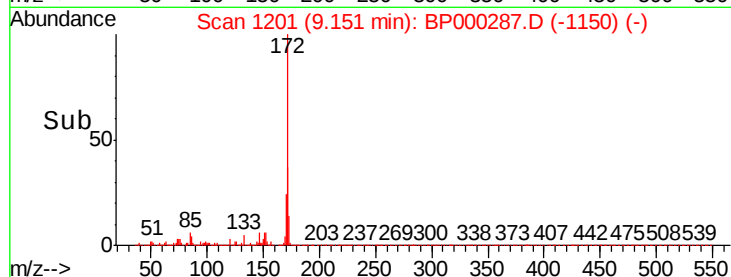
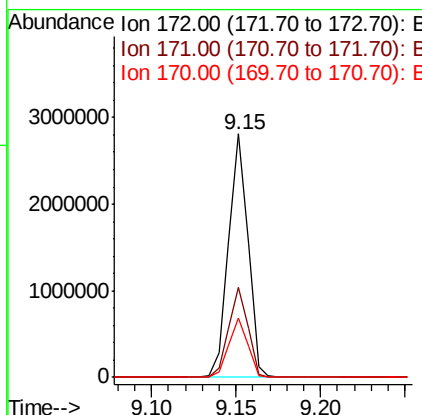
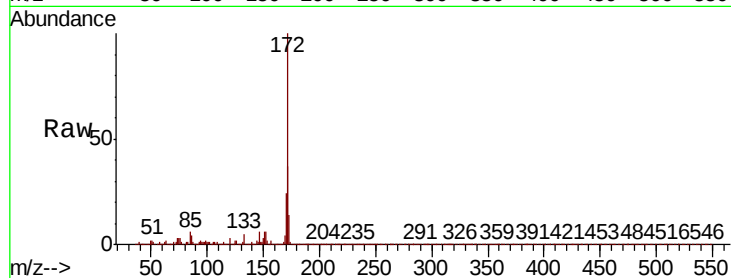




#45
2-Fluorobiphenyl
Concen: 76.656 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

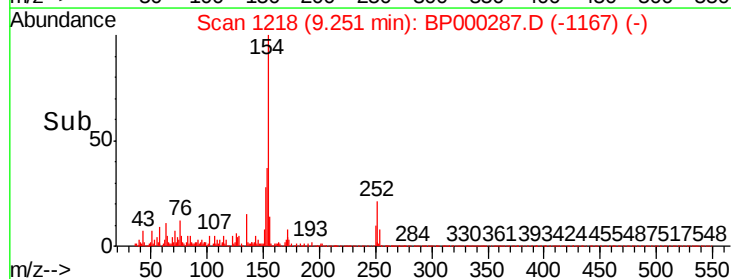
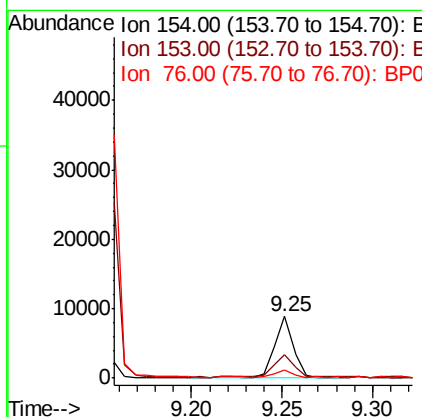
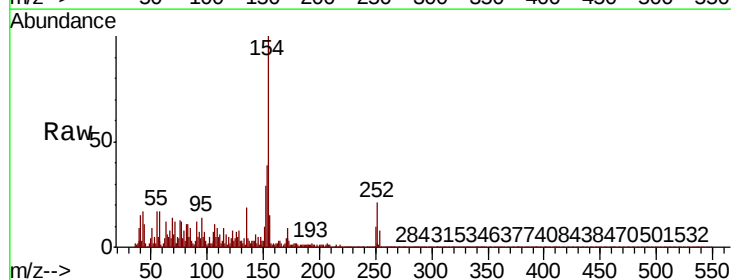
Instrument :
BNA_P
ClientSampleId :

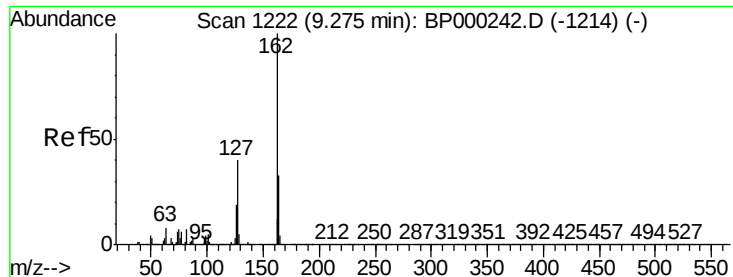
Tot Ion:172 Resp: 2241467
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 0.174 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:154 Resp: 6345
Ion Ratio Lower Upper
154 100
153 38.6 21.4 61.4
76 12.8 0.0 33.4

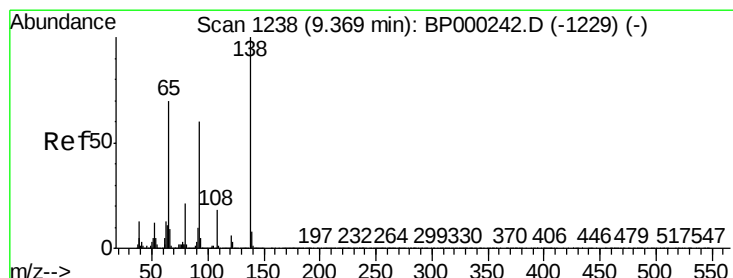
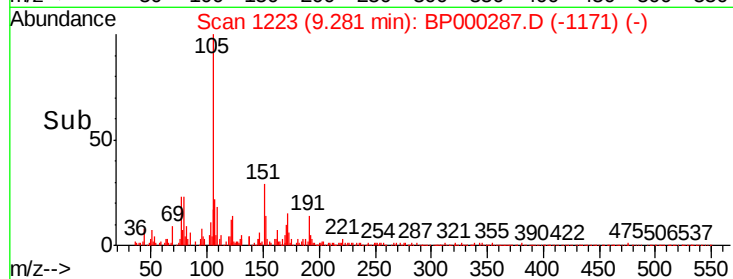
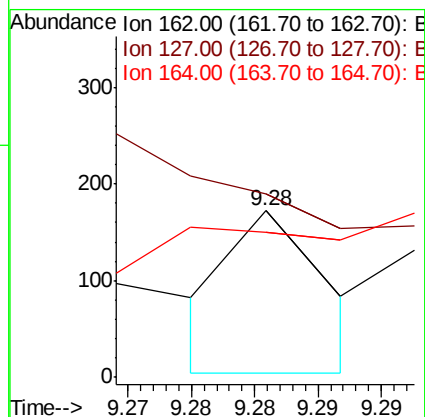
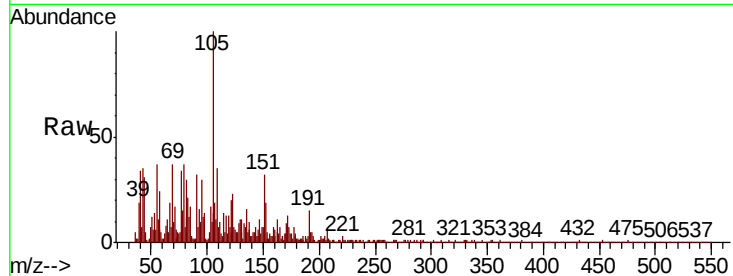




#47
2-Chloronaphthalene
Concen: 0.003 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

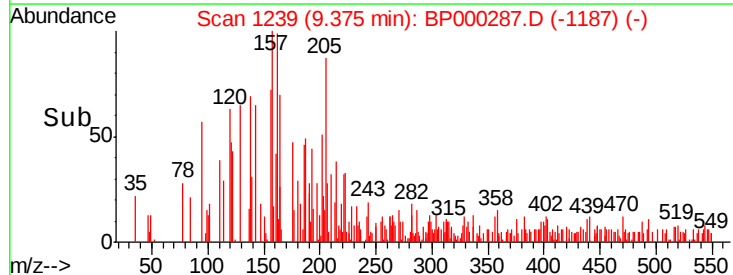
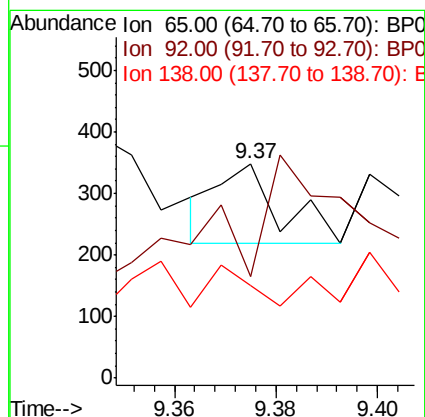
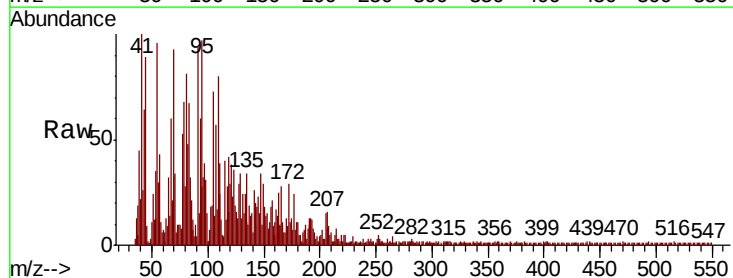
Instrument :
BNA_P
ClientSampled :

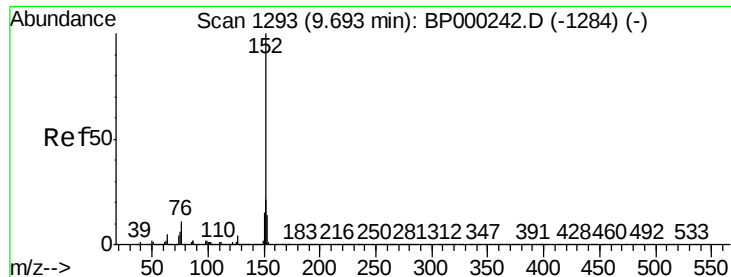
Tot Ion: 162 Resp: 88
Ion Ratio Lower Upper
162 100
127 110.5 32.4 48.6#
164 87.2 26.3 39.5#



#48
2-Nitroaniline
Concen: 0.014 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion: 65 Resp: 109
Ion Ratio Lower Upper
65 100
92 47.4 68.7 103.1#
138 43.4 114.4 171.6#





#49

Acenaphthylene

Concen: 0.643 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

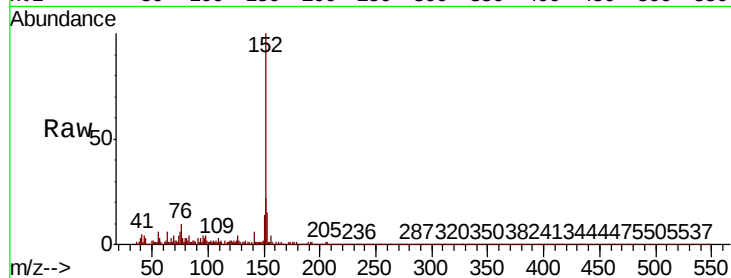
Tot Ion:152 Resp: 29537

Ion Ratio Lower Upper

152 100

151 21.9 16.4 24.6

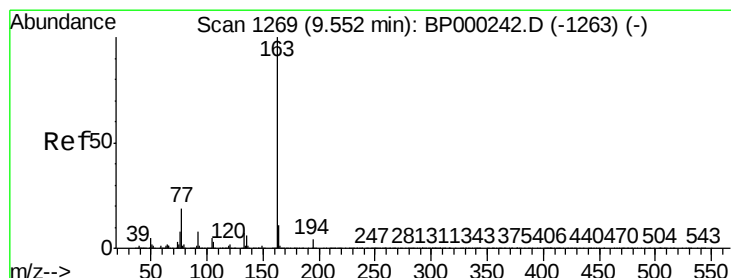
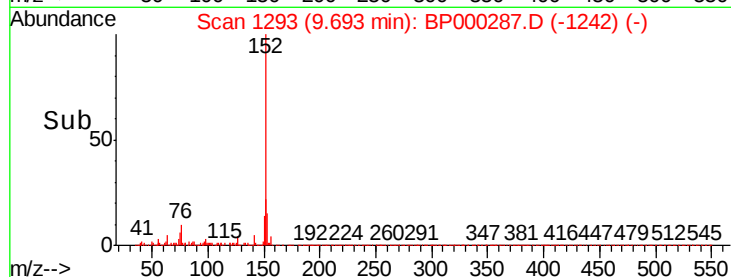
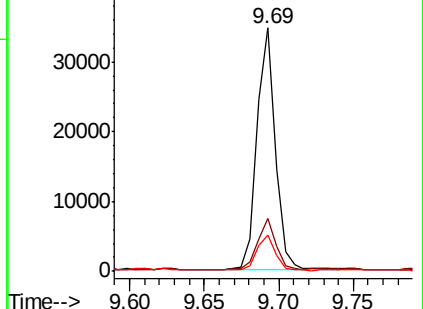
153 14.8 11.0 16.4



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: 10.438 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

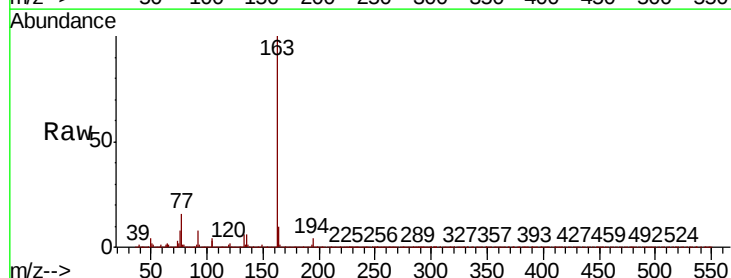
Tgt Ion:163 Resp: 374270

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

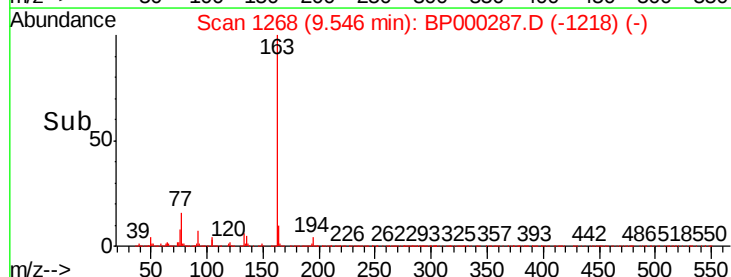
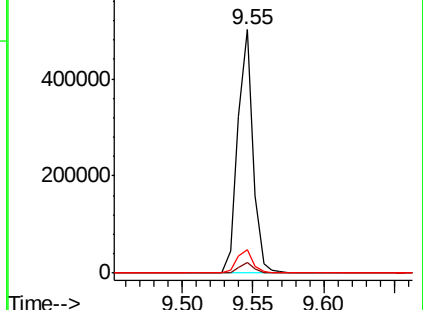
164 9.8 8.5 12.7

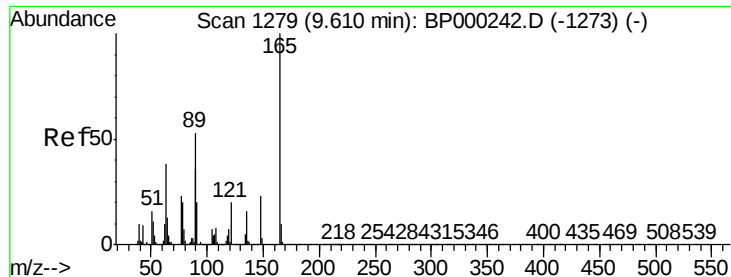


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.553 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.06 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

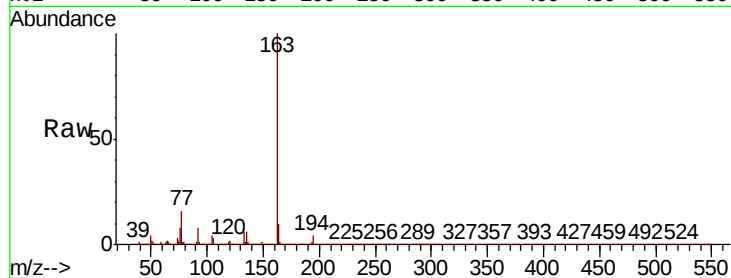
Tot Ion:165 Resp: 4361

Ion Ratio Lower Upper

165 100

63 108.5 35.8 53.8#

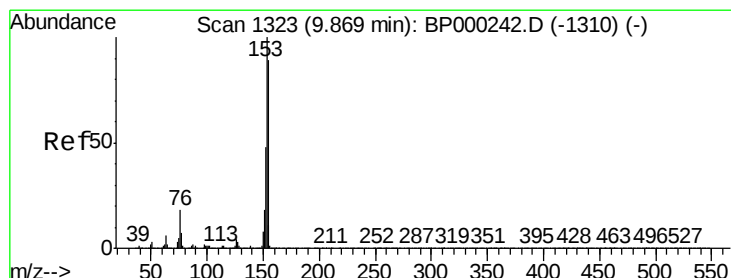
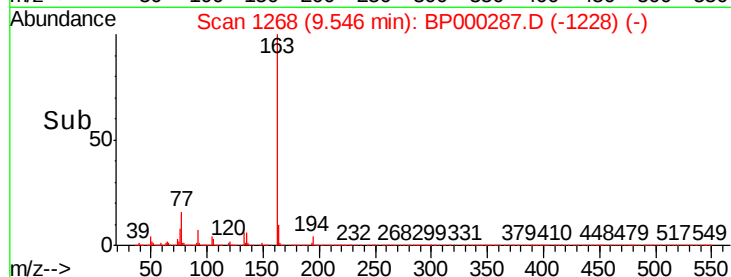
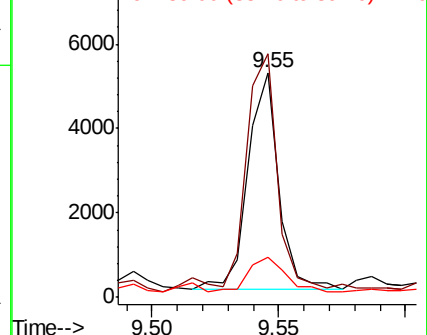
89 18.1 42.6 63.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 0.287 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

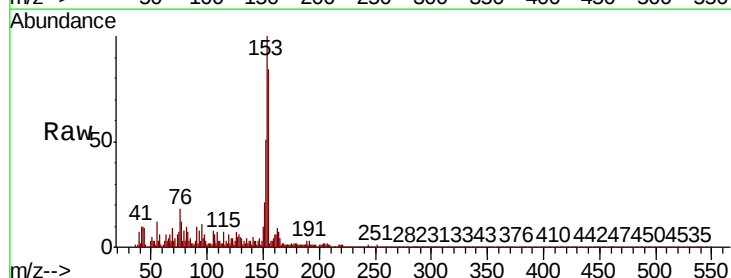
Tgt Ion:154 Resp: 8302

Ion Ratio Lower Upper

154 100

153 119.3 89.8 134.6

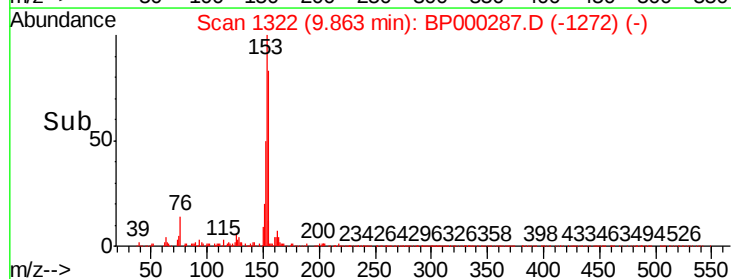
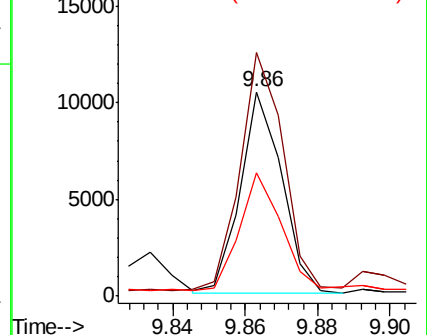
152 60.5 43.4 65.0

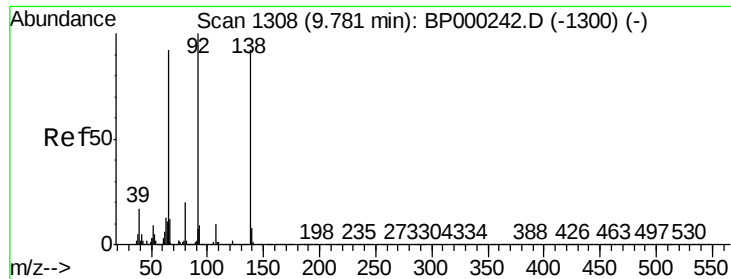


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

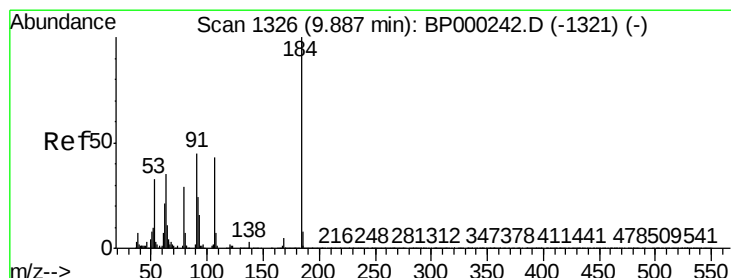
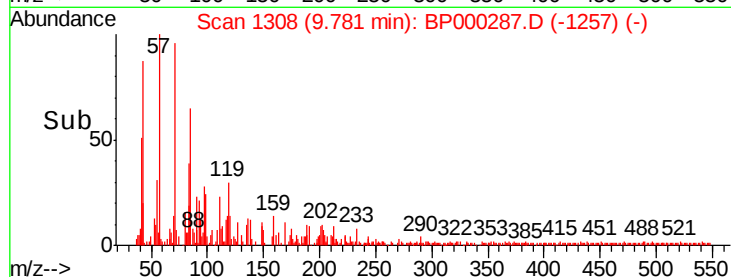
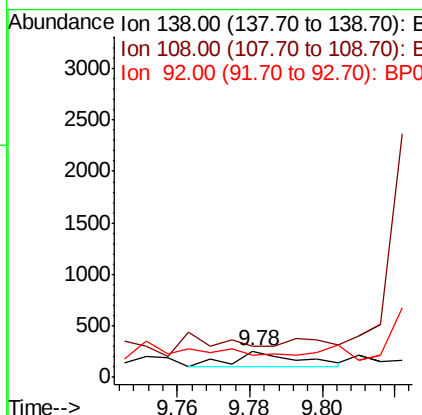
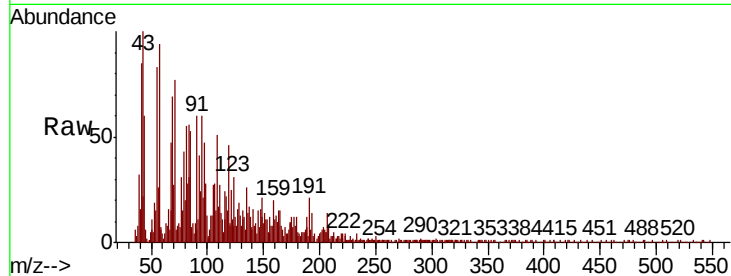




#53
3-Nitroaniline
Concen: 0.021 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

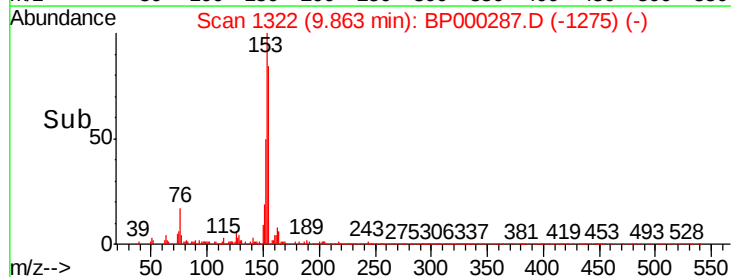
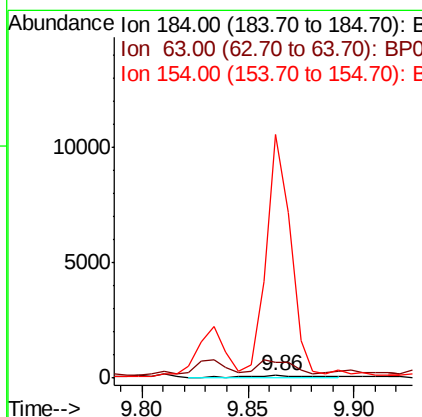
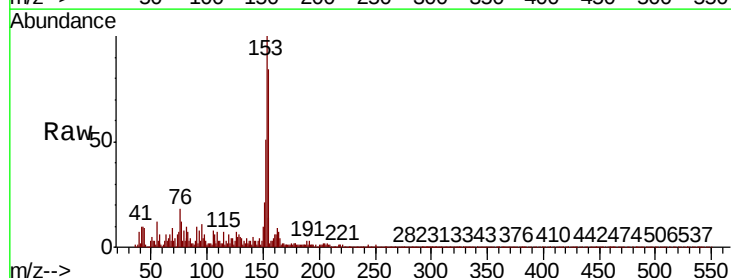
Instrument :
BNA_P
ClientSampleId :

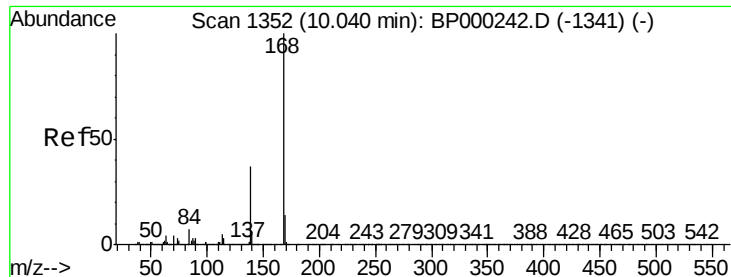
Tot Ion:138 Resp: 192
Ion Ratio Lower Upper
138 100
108 121.3 9.1 13.7#
92 86.6 86.7 130.1#



#54
2,4-Dinitrophenol
Concen: 0.043 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:184 Resp: 149
Ion Ratio Lower Upper
184 100
63 654.6 39.5 59.3#
154 9775.0 48.8 73.2#





#55

Dibenzofuran

Concen: 0.202 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

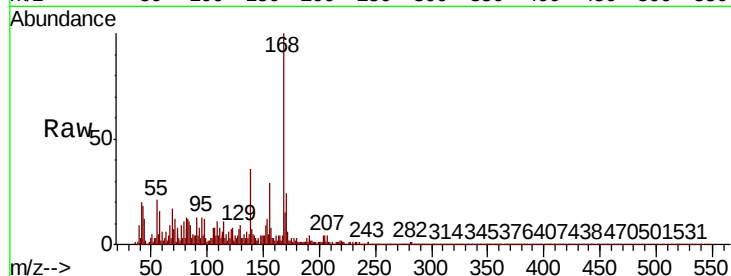
Tot Ion:168 Resp: 8260

Ion Ratio Lower Upper

168 100

139 35.6 30.0 45.0

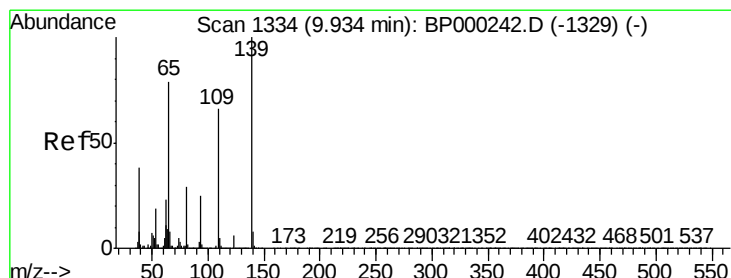
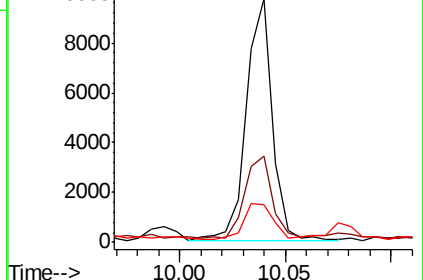
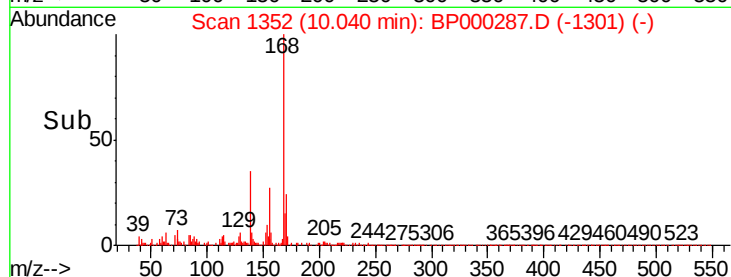
169 15.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.044 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

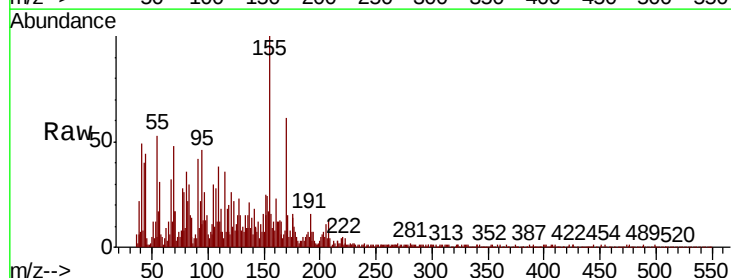
Tgt Ion:139 Resp: 297

Ion Ratio Lower Upper

139 100

109 266.7 46.2 86.2#

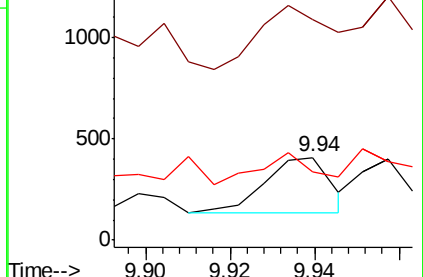
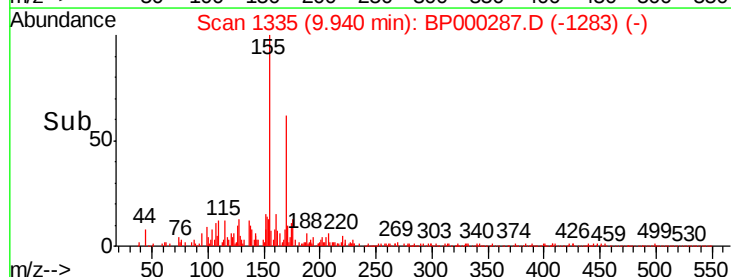
65 82.4 59.4 99.4

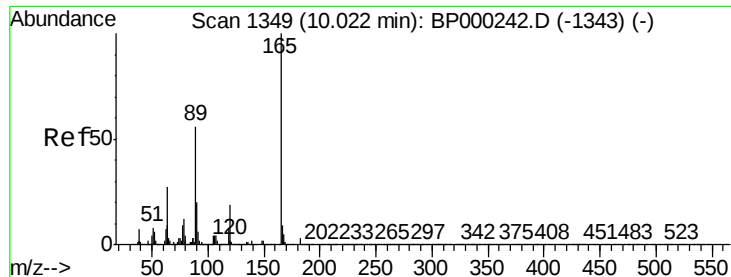


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





#57

2,4-Dinitrotoluene

Concen: 6.650 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000287.D

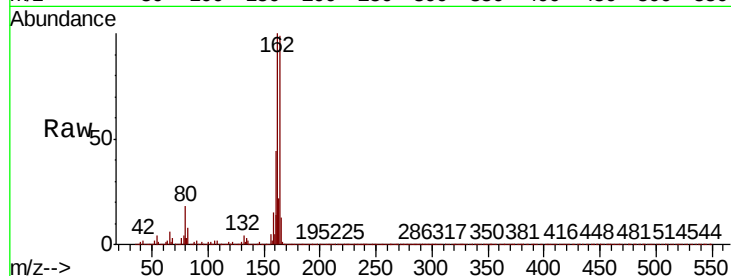
Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165	Resp:	68543
Ion Ratio	Lower	Upper
165	100	
63	0.9	21.7 32.5#
89	1.5	45.0 67.6#
182	0.1	2.4 3.6#

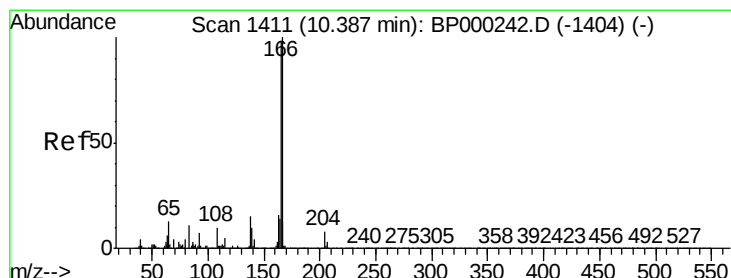
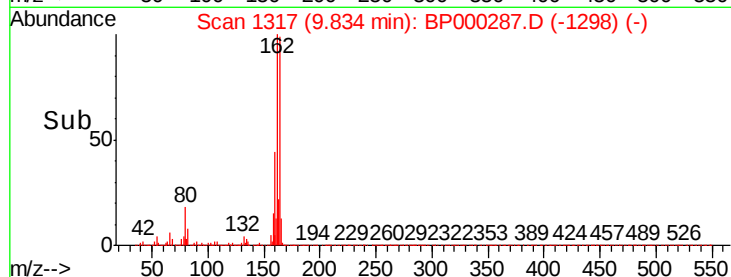
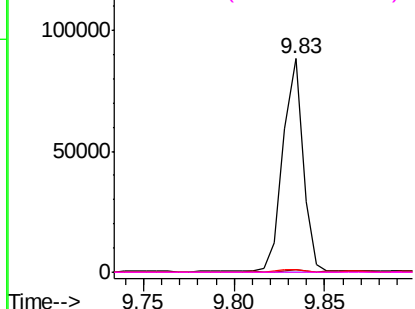


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 0.355 ng

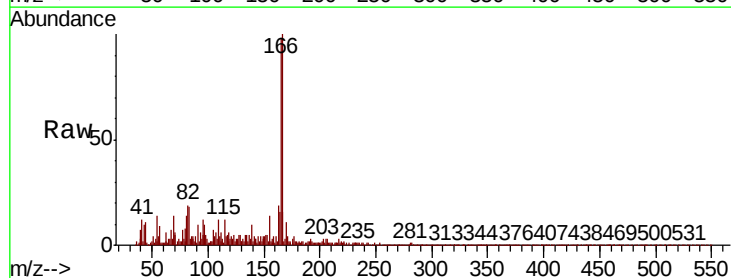
RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

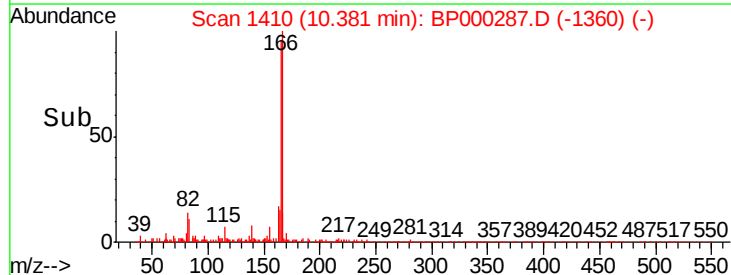
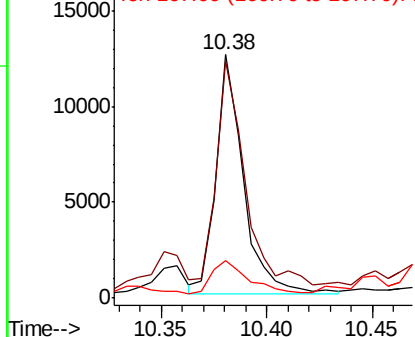
Tgt Ion:166	Resp:	11219
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.2 117.2
167	15.6	10.7 16.1

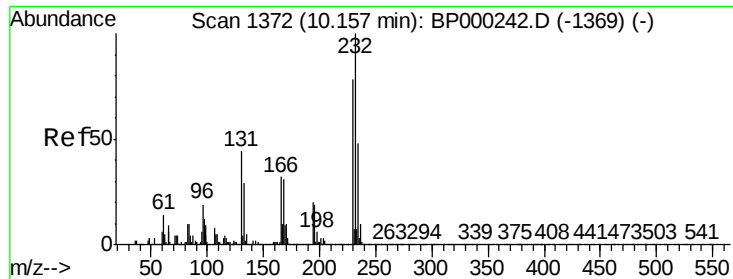


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

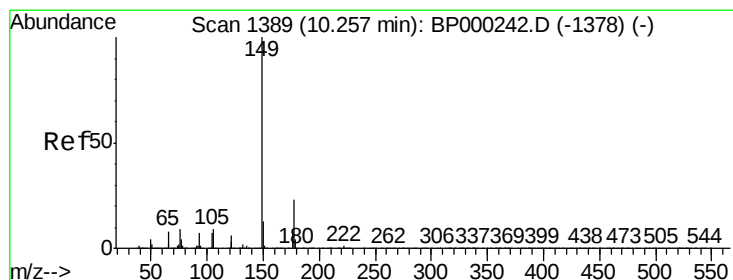
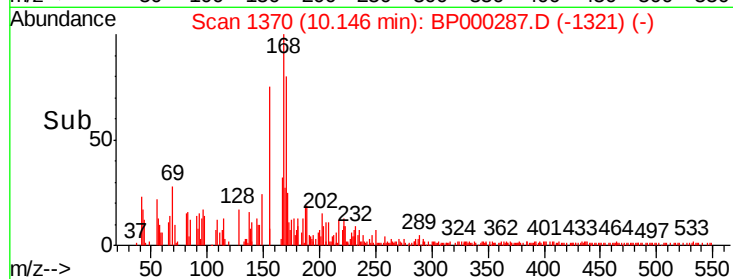
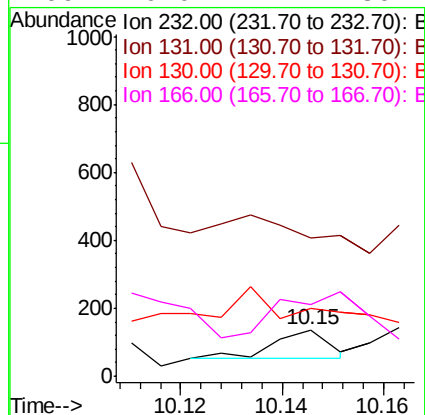
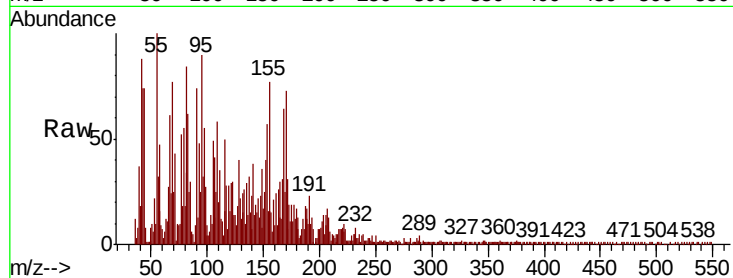




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.007 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

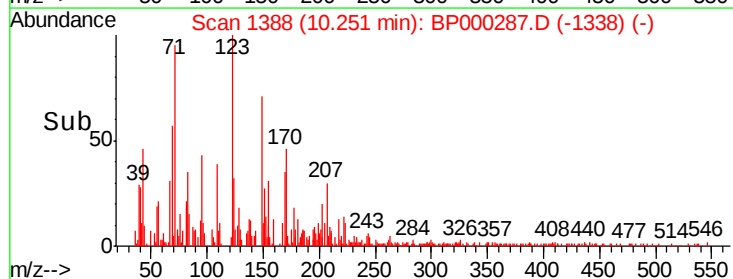
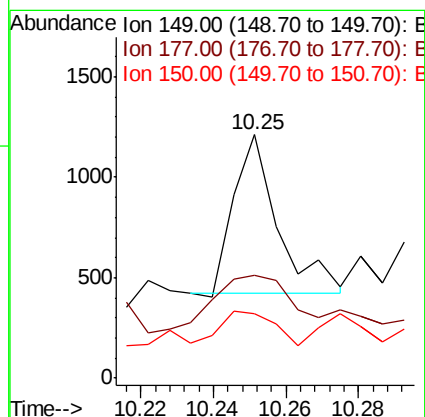
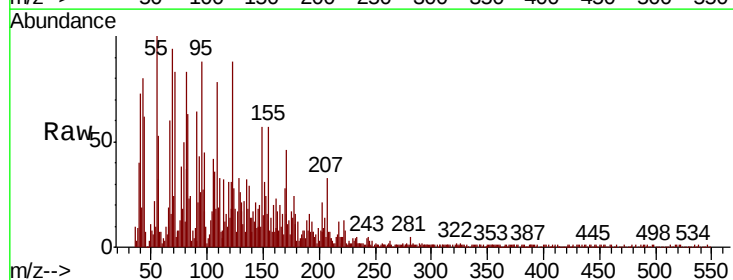
Instrument :
BNA_P
ClientSampled :

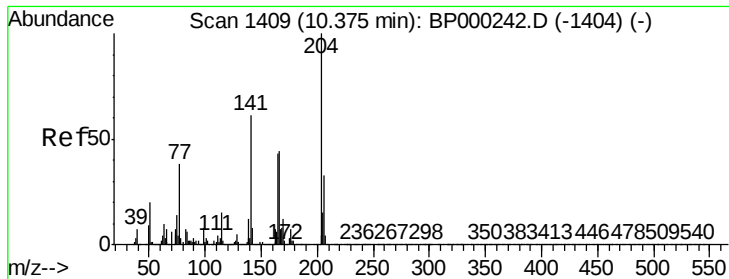
Tot Ion:232	Resp:	61
Ion Ratio	Lower	Upper
232	100	
131	0.0	33.6 50.4#
130	157.4	1.8 2.6#
166	0.0	24.2 36.2#



#60
Diethylphthalate
Concen: 0.019 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:149	Resp:	657
Ion Ratio	Lower	Upper
149	100	
177	42.2	18.1 27.1#
150	26.7	10.3 15.5#

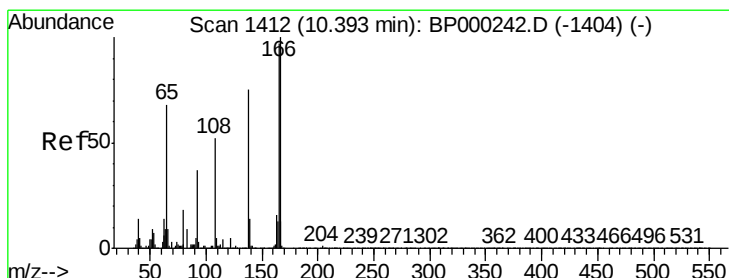
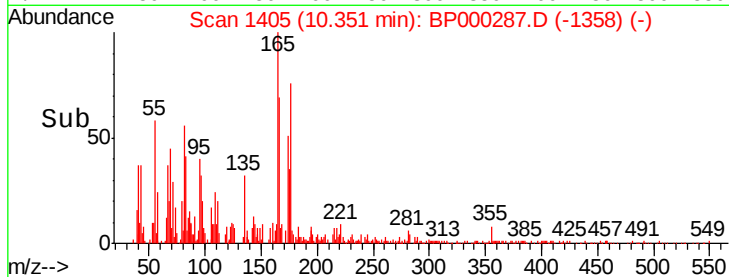
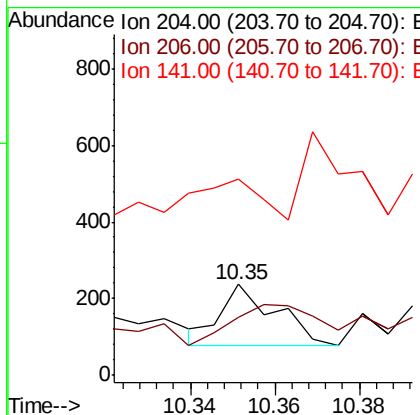
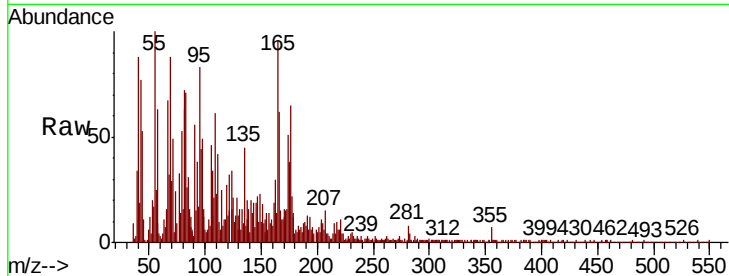




#61
4-Chlorophenyl-phenylether
Concen: 0.009 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

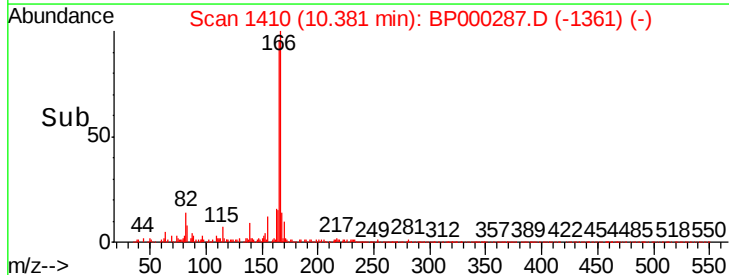
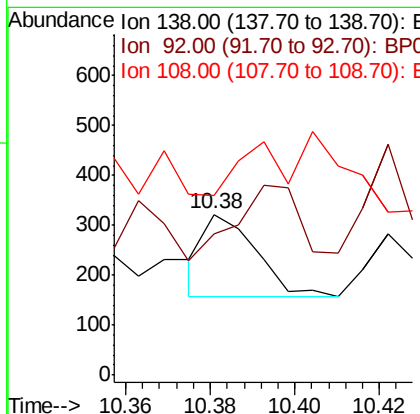
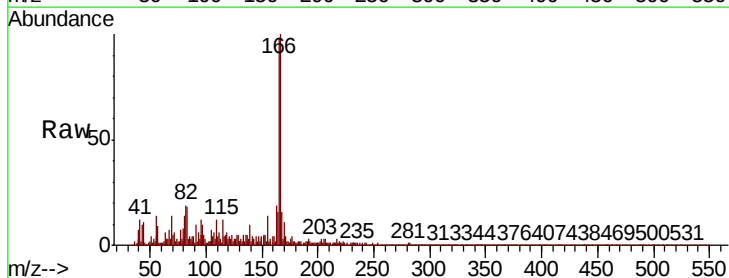
Instrument :
BNA_P
ClientSampleId :

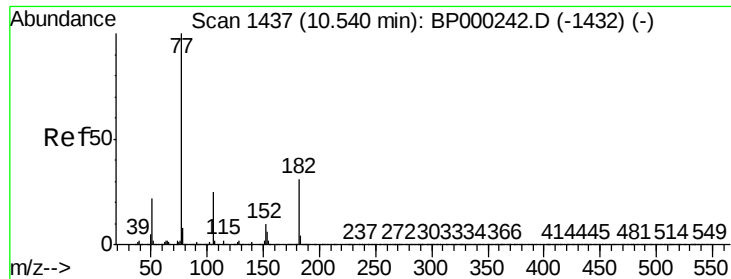
Tot Ion:204 Resp: 143
Ion Ratio Lower Upper
204 100
206 63.0 26.3 39.5#
141 215.5 48.6 72.8#



#62
4-Nitroaniline
Concen: 0.016 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:138 Resp: 142
Ion Ratio Lower Upper
138 100
92 88.2 30.1 70.1#
108 111.5 49.5 89.5#

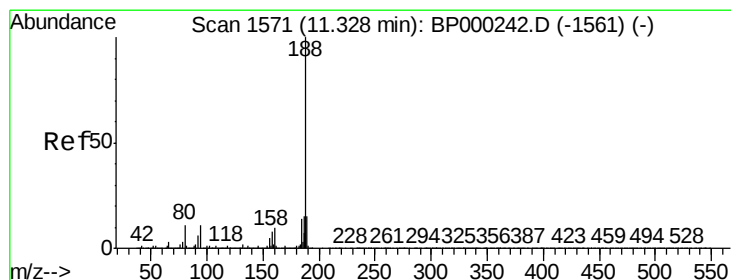
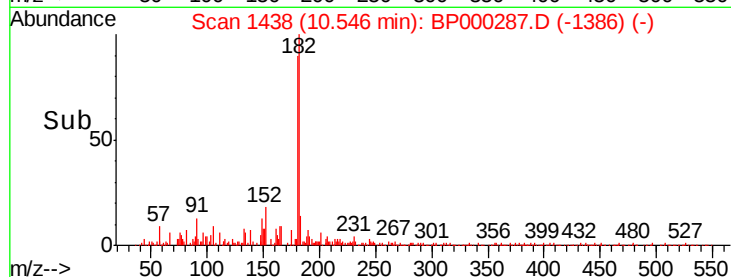
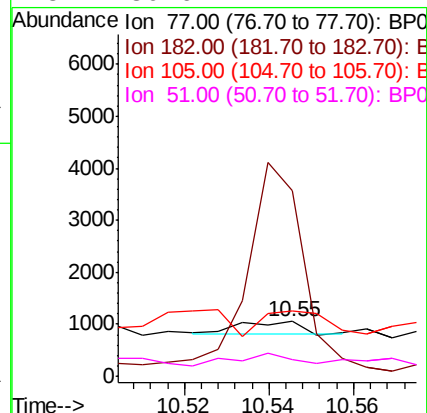
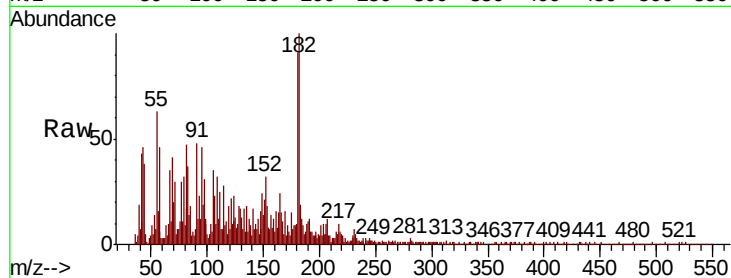




#63
Azobenzene
Concen: 0.008 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

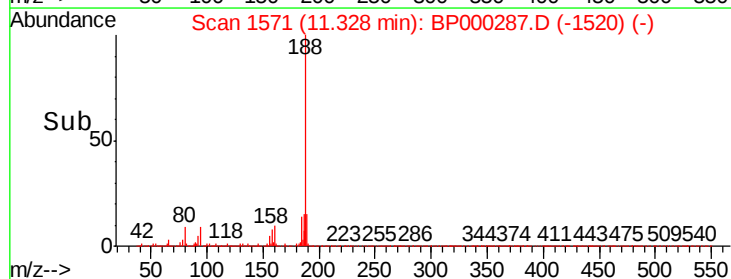
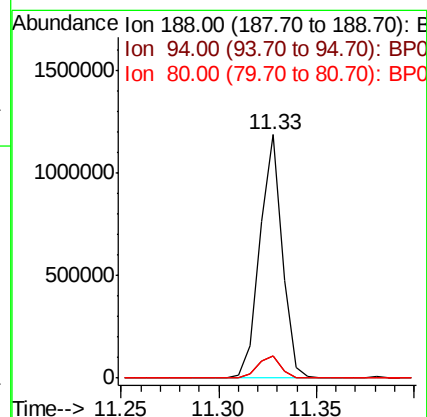
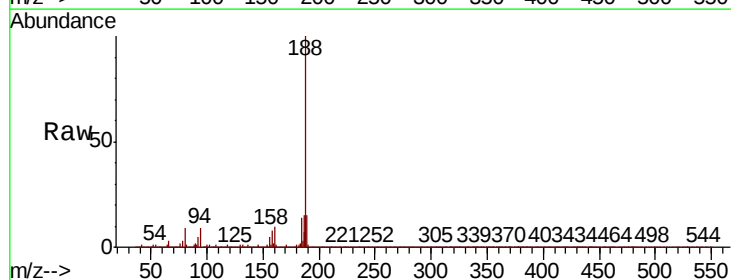
Instrument :
BNA_P
ClientSampleId :

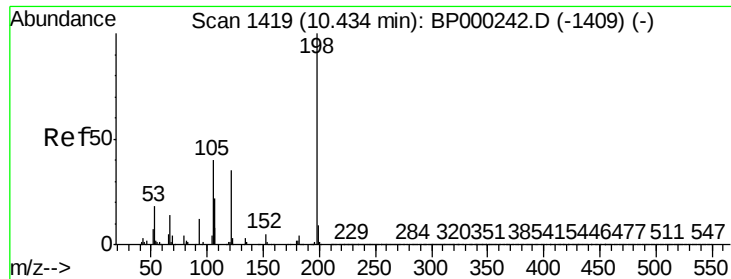
Tot Ion: 77 Resp: 236
Ion Ratio Lower Upper
77 100
182 336.5 11.1 51.1#
105 117.9 4.7 44.7#
51 30.6 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:188 Resp: 937214
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.1 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 0.013 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

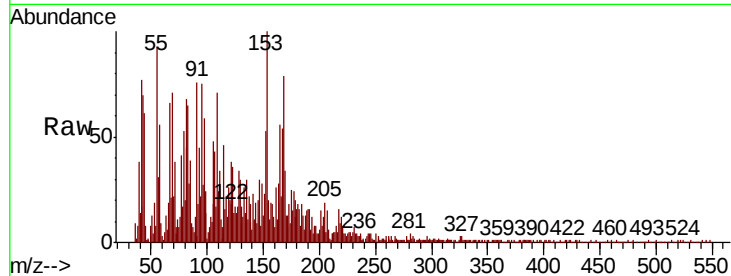
Tot Ion:198 Resp: 59

Ion Ratio Lower Upper

198 100

51 324.7 7.4 47.4#

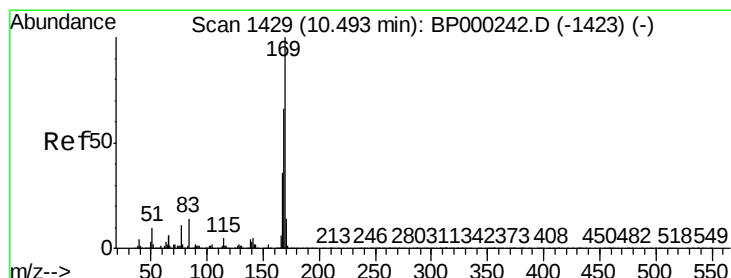
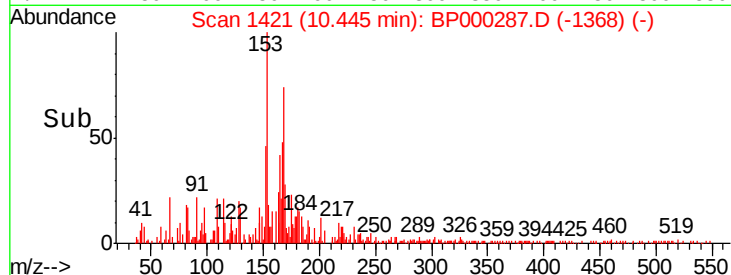
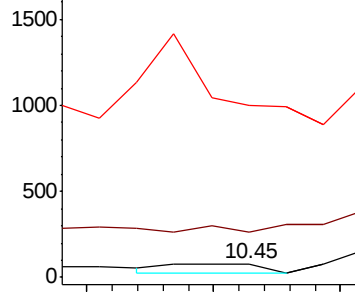
105 1234.6 20.2 60.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.078 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

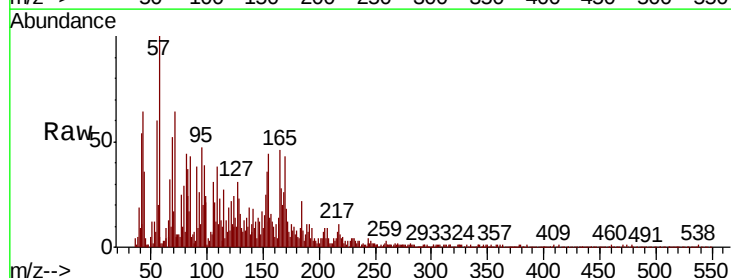
Tgt Ion:169 Resp: 2202

Ion Ratio Lower Upper

169 100

168 60.3 52.9 79.3

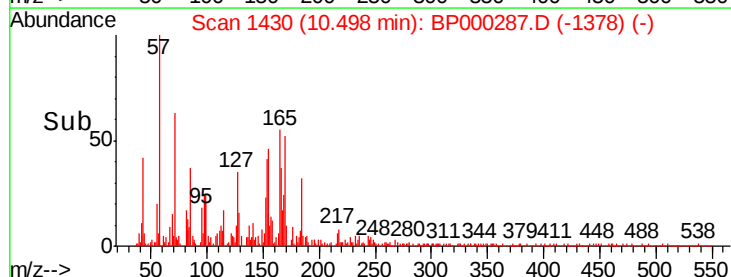
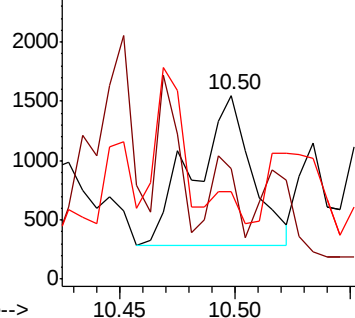
167 47.5 29.0 43.6#

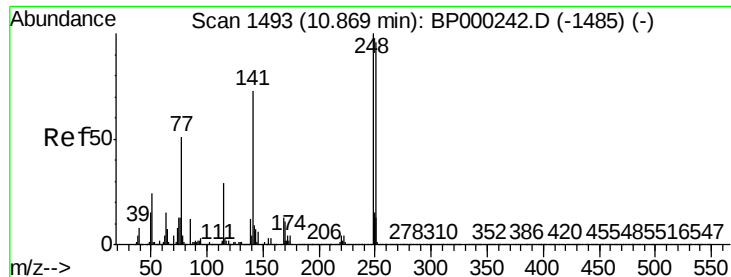


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

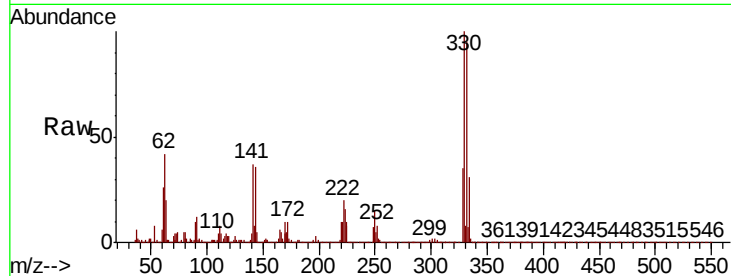




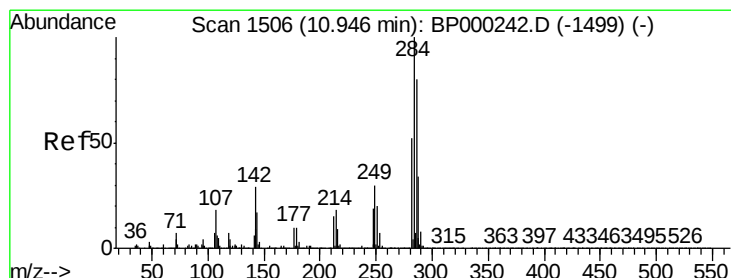
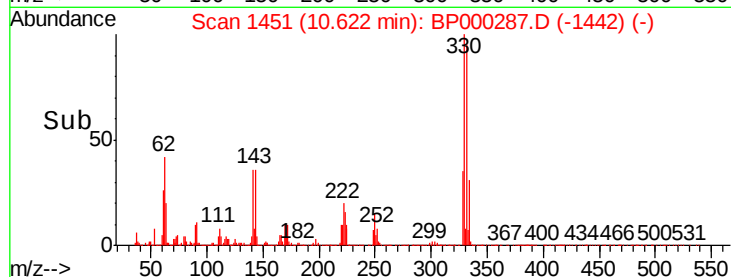
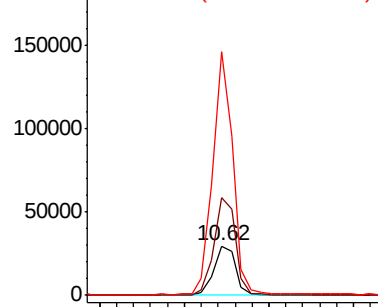
#67
4-Bromophenyl-phenylether
Concen: 2.501 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 26507
Ion Ratio Lower Upper
248 100
250 198.2 77.0 115.4#
141 493.0 58.5 87.7#

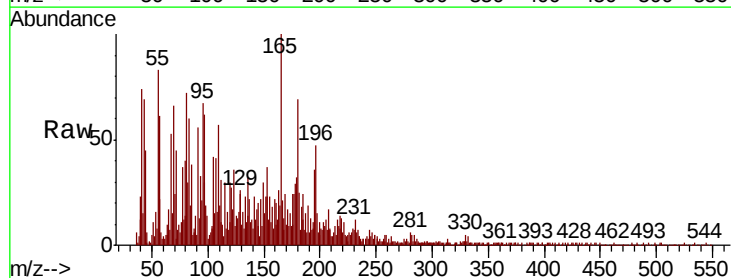


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

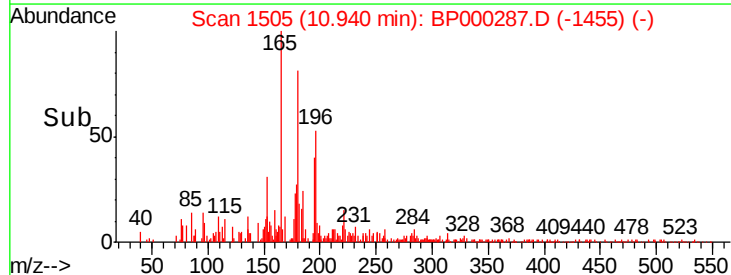
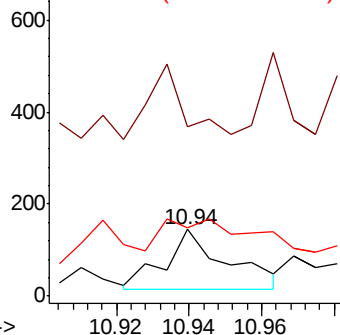


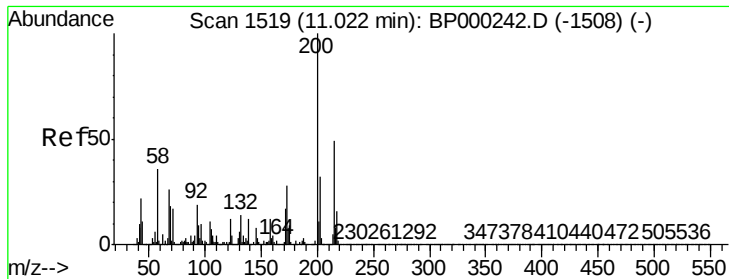
#68
Hexachlorobenzene
Concen: 0.013 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:284 Resp: 155
Ion Ratio Lower Upper
284 100
142 254.5 23.6 35.4#
249 102.8 24.3 36.5#



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

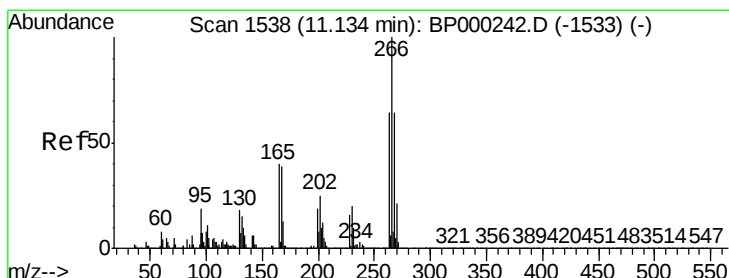
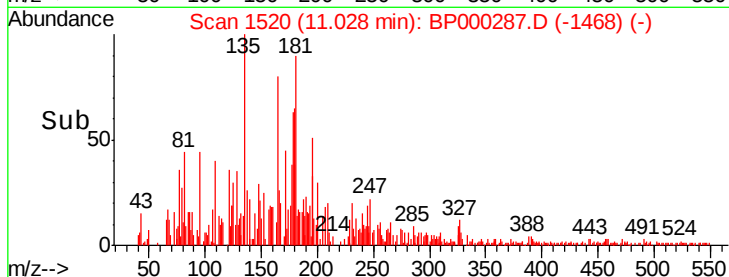
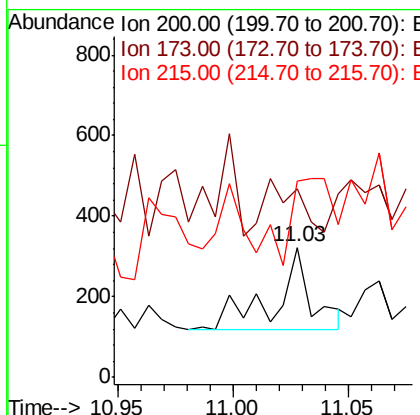
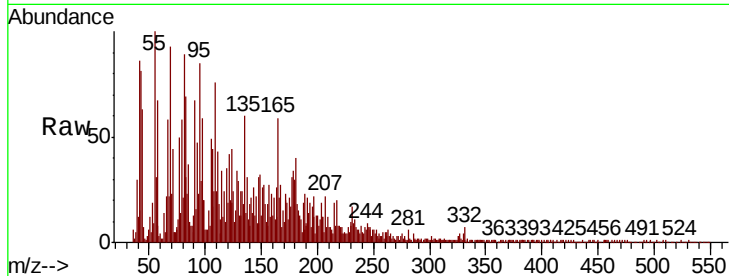




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

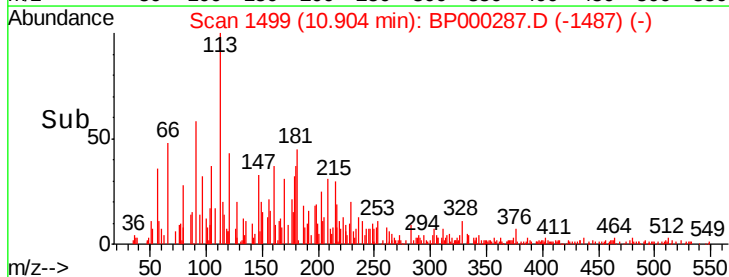
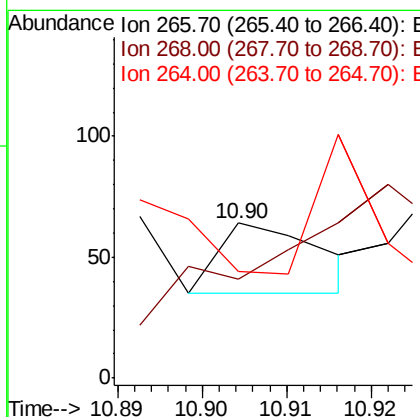
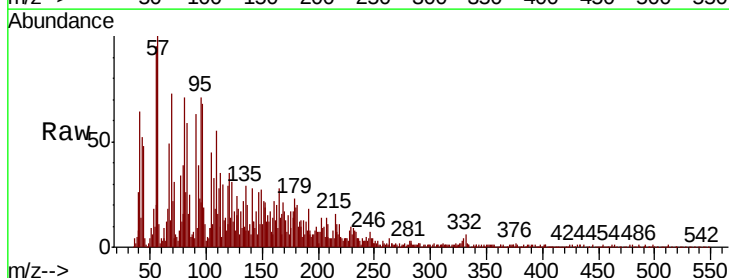
Instrument :
BNA_P
ClientSampled :

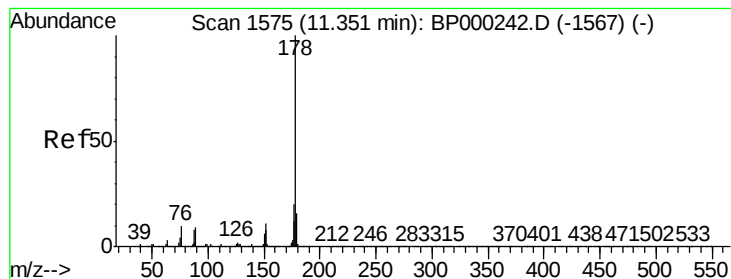
Tot Ion:200 Resp: 223
Ion Ratio Lower Upper
200 100
173 144.9 7.6 47.6#
215 150.8 28.6 68.6#



#70
Pentachlorophenol
Concen: 0.004 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.23 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
268 64.1 51.6 77.4
264 68.8 50.8 76.2





#71

Phenanthrene

Concen: 3.213 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

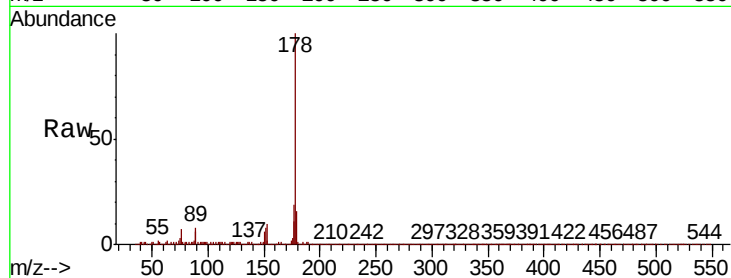
Tot Ion:178 Resp: 150912

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

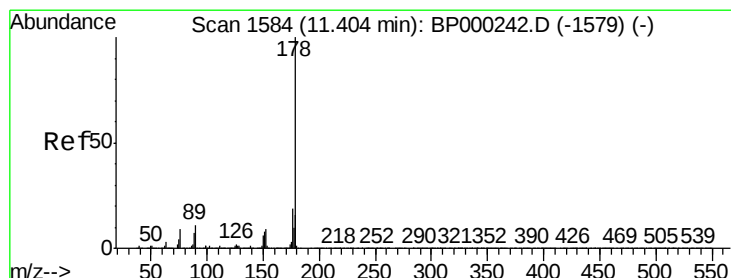
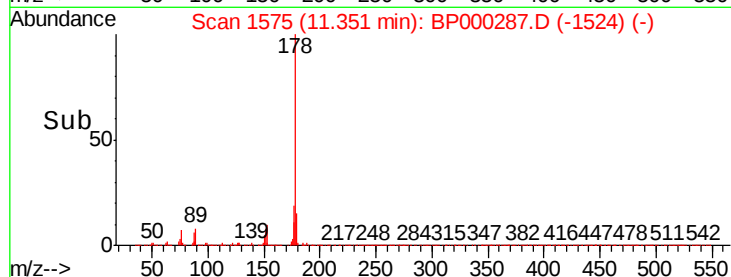
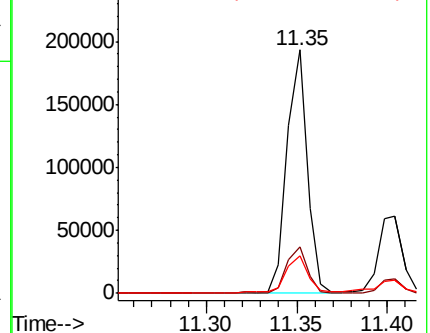
179 15.6 12.7 19.1



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



#72

Anthracene

Concen: 1.130 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

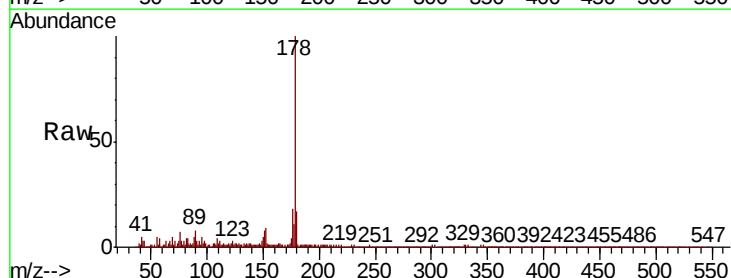
Tgt Ion:178 Resp: 54628

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

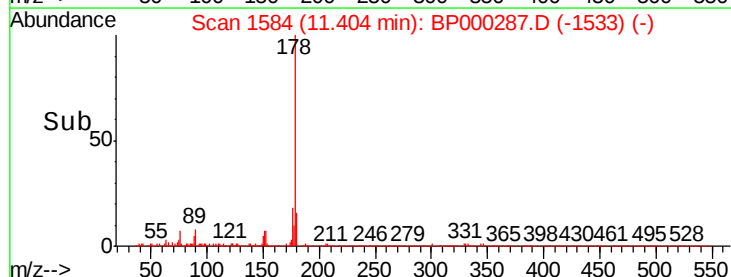
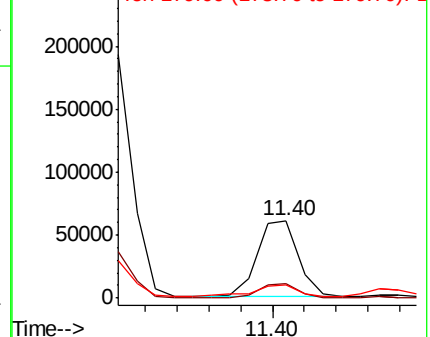
179 16.7 12.7 19.1

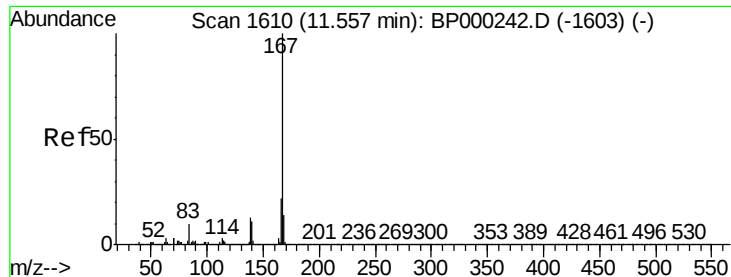


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

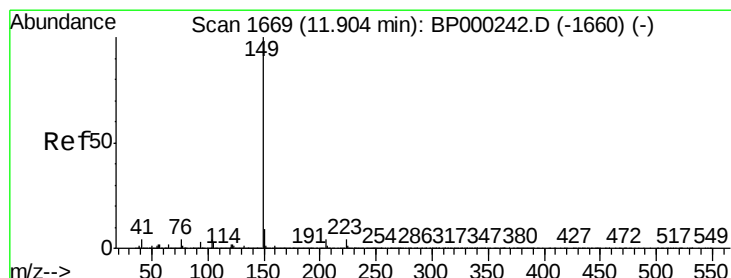
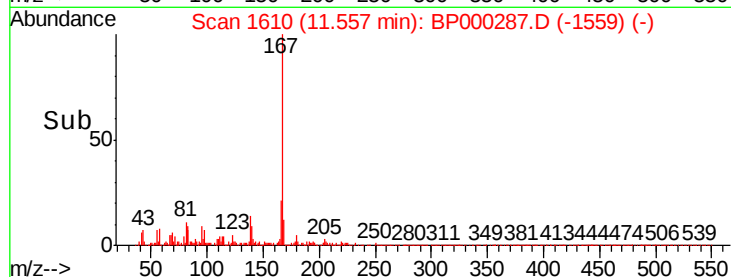
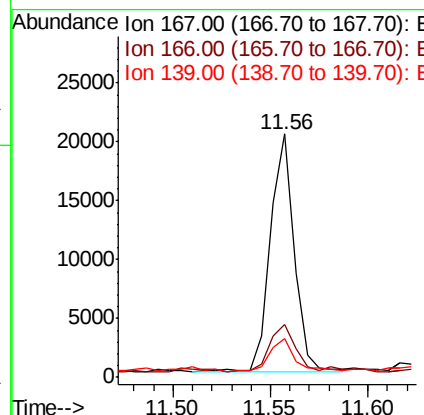
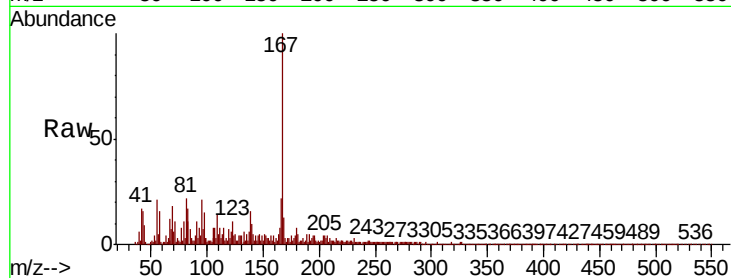




#73
 Carbazole
 Concen: 0.392 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

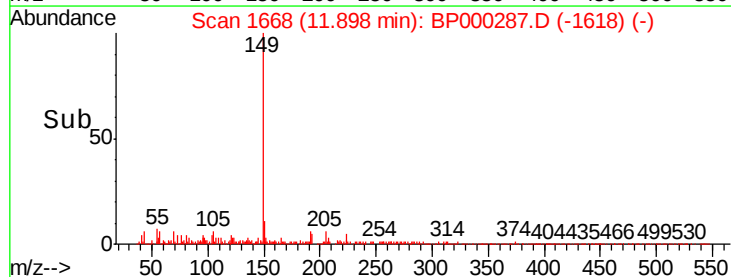
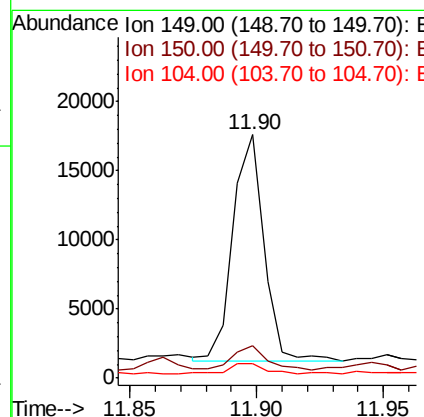
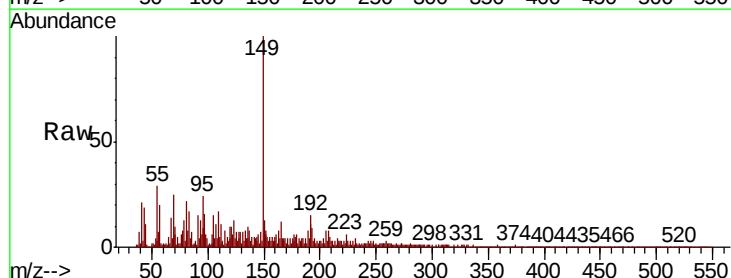
Instrument :
 BNA_P
 ClientSampleId :

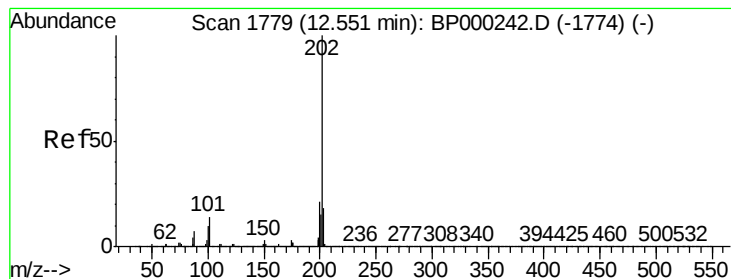
Tot Ion:167 Resp: 17087
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 15.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 0.252 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Tgt Ion:149 Resp: 13883
 Ion Ratio Lower Upper
 149 100
 150 13.2 7.4 11.2#
 104 5.9 3.5 5.3#





#75

Fluoranthene

Concen: 7.424 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000287.D

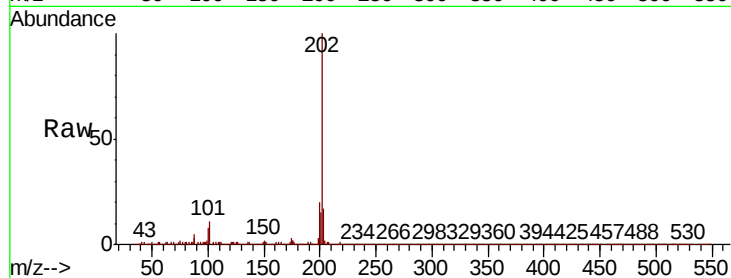
Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	374385
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	33.9
203	17.4	0.0	38.0

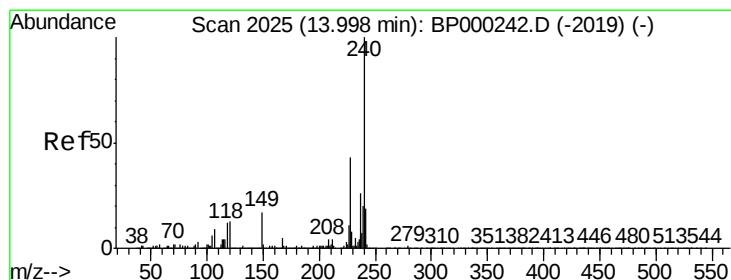
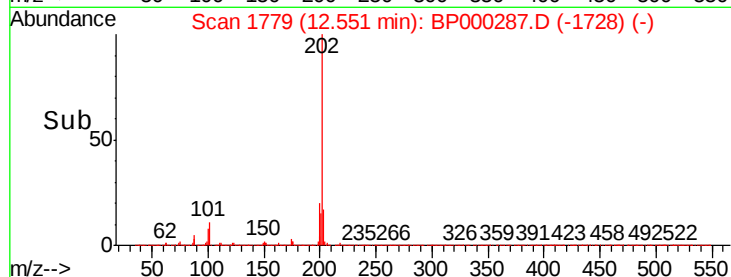
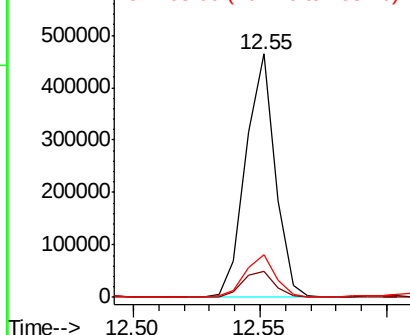


Abundance

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

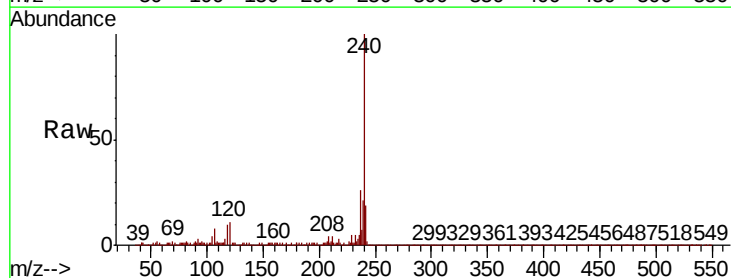
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion:	240	Resp:	753617
Ion Ratio	Lower	Upper	
240	100		
120	10.8	10.4	15.6
236	26.0	21.0	31.6

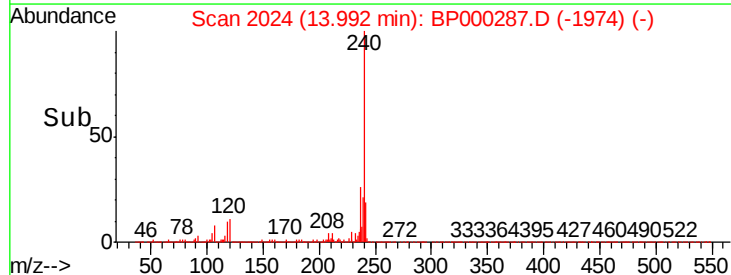
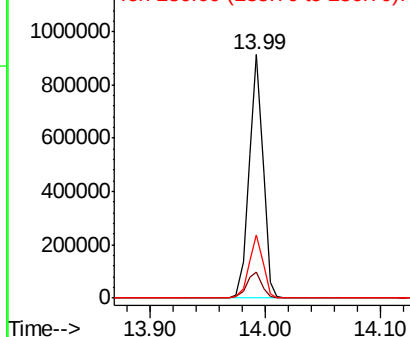


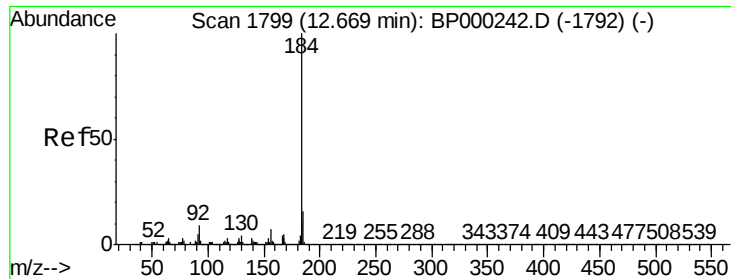
Abundance

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: 1.267 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.26 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampled :

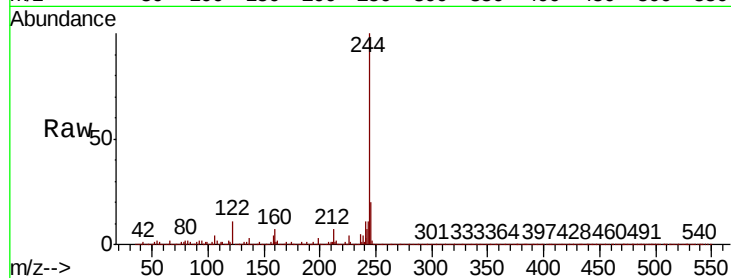
Tot Ion:184 Resp: 34088

Ion Ratio Lower Upper

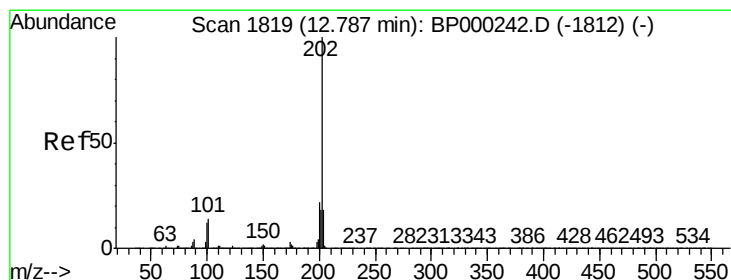
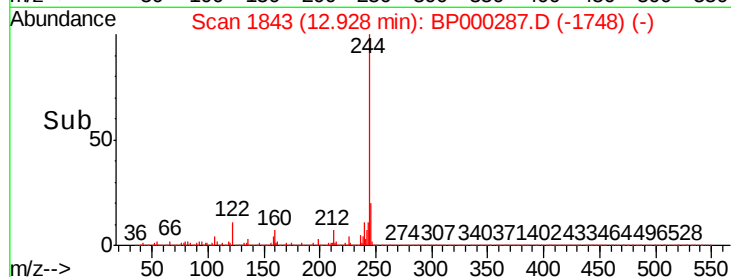
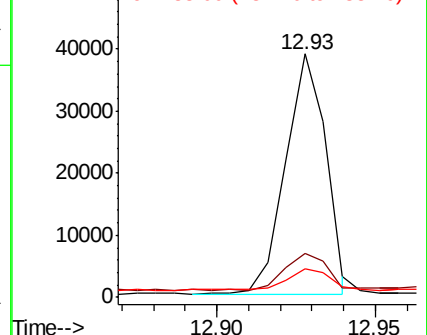
184 100

185 18.3 12.7 19.1

183 11.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 6.650 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

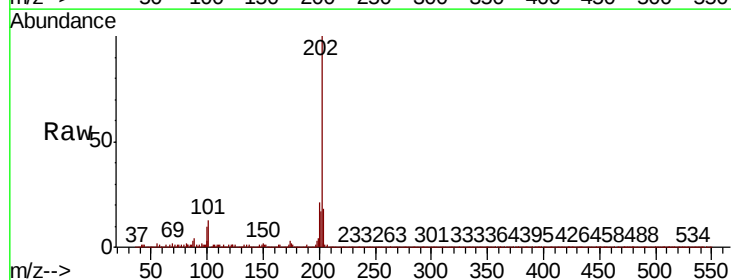
Tgt Ion:202 Resp: 374937

Ion Ratio Lower Upper

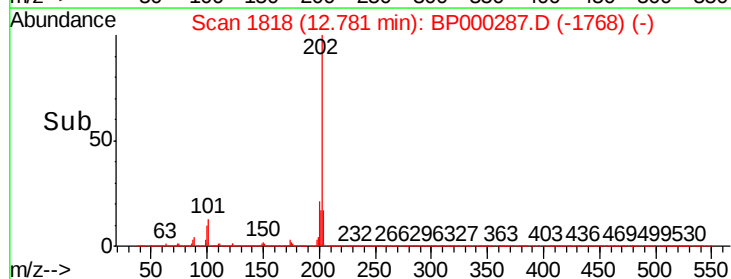
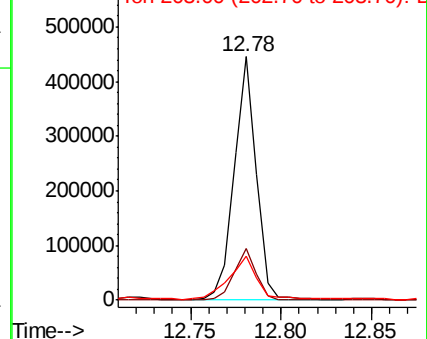
202 100

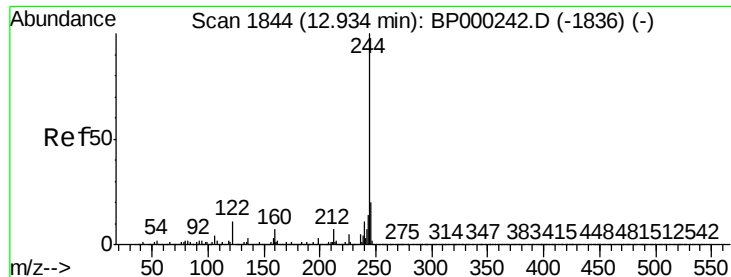
200 21.2 17.5 26.3

203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.539 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

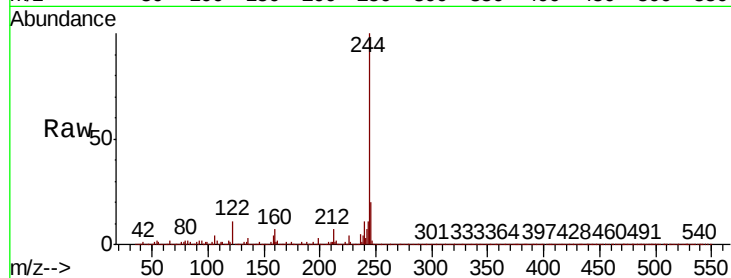
Tot Ion:244 Resp: 2462139

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

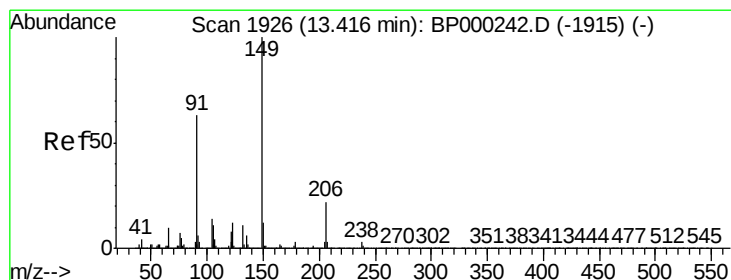
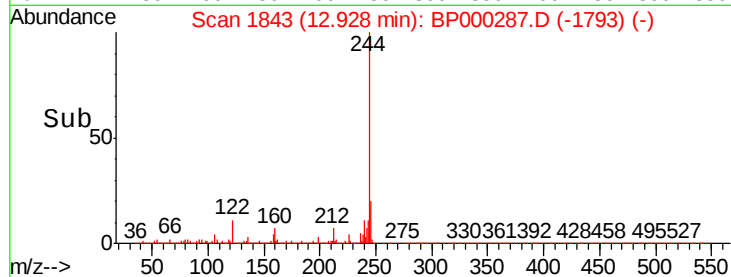
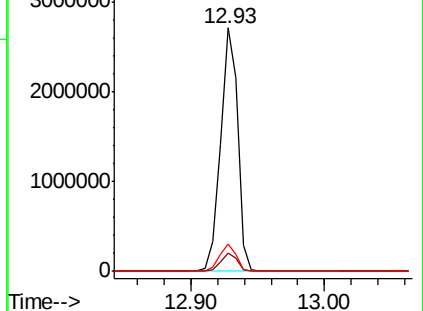
122 11.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.218 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

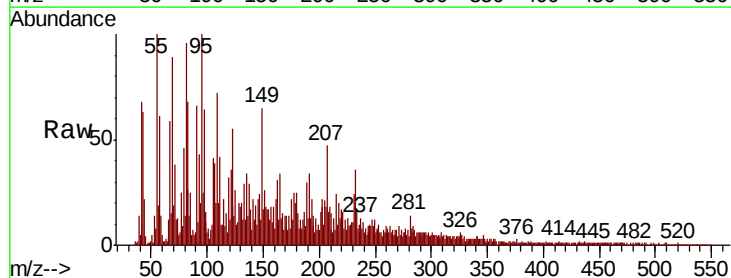
Tgt Ion:149 Resp: 5639

Ion Ratio Lower Upper

149 100

91 101.1 50.6 76.0#

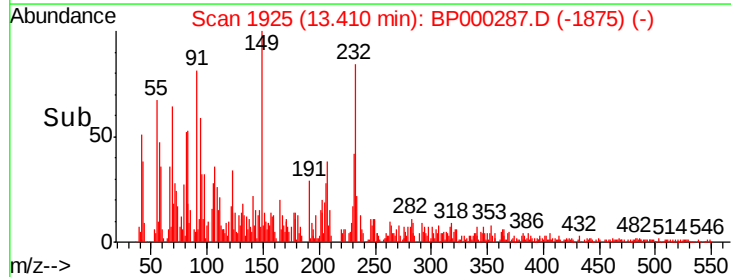
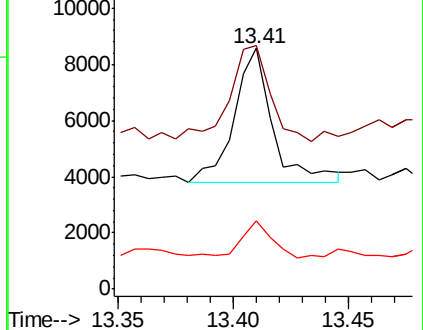
206 28.2 17.8 26.6#

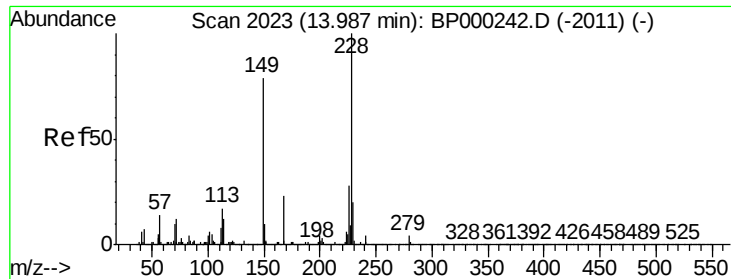


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

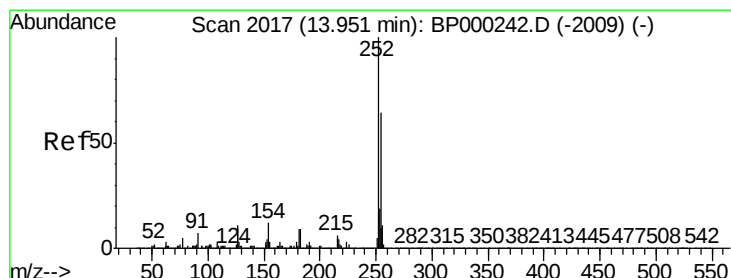
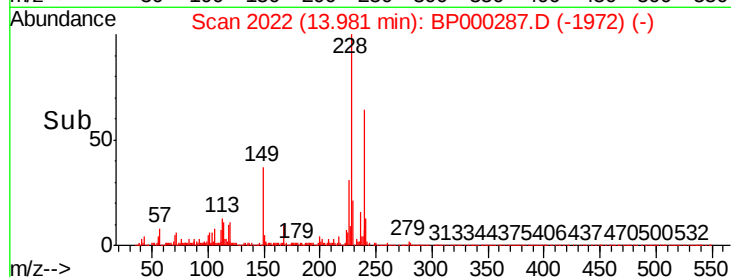
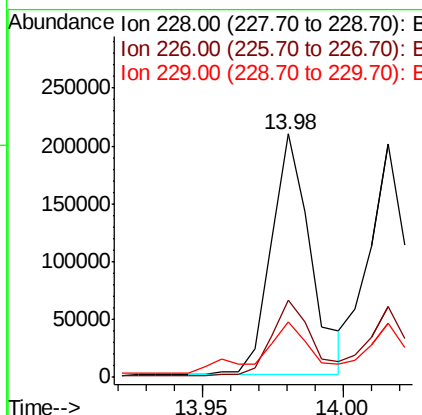
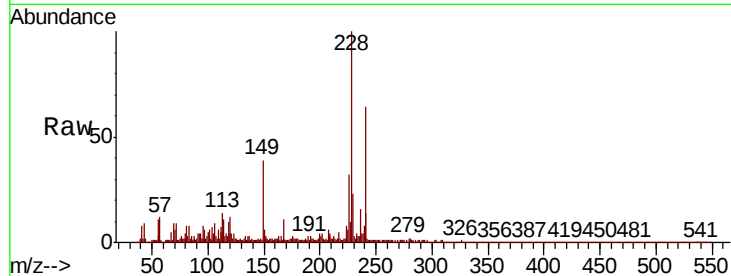




#81
Benzo(a)anthracene
Concen: 4.255 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

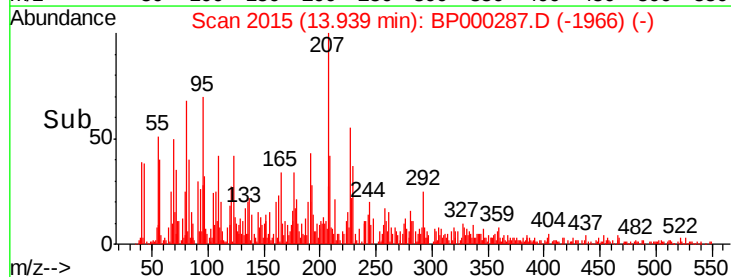
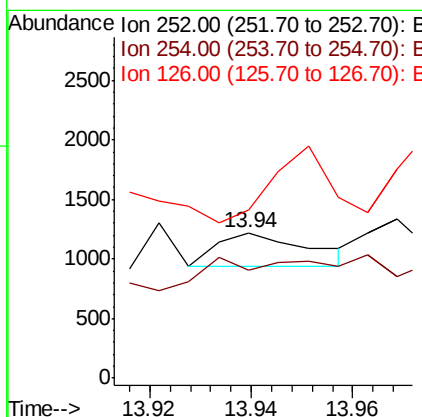
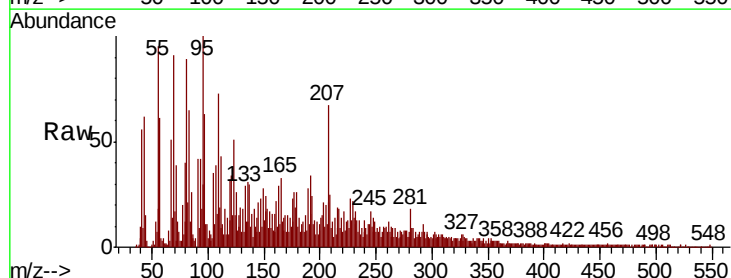
Instrument :
BNA_P
ClientSampleId :

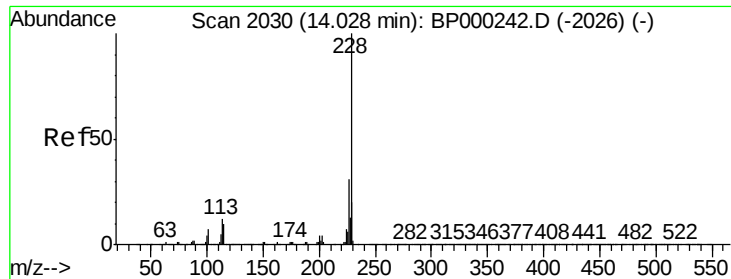
Tot Ion:228 Resp: 202573
Ion Ratio Lower Upper
228 100
226 32.0 22.2 33.4
229 22.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:252 Resp: 354
Ion Ratio Lower Upper
252 100
254 74.8 51.5 77.3
126 116.3 8.4 12.6#

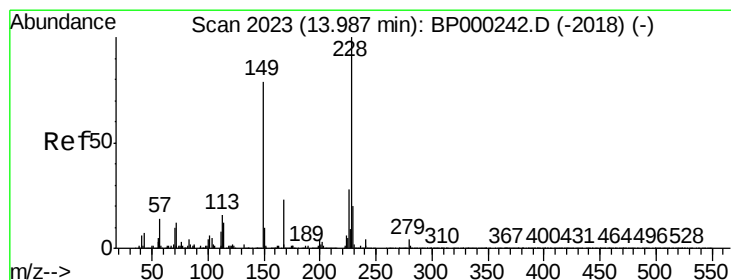
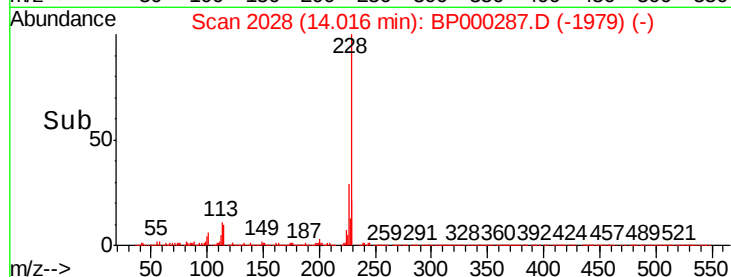
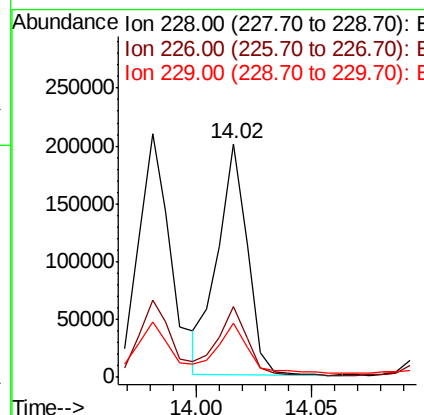
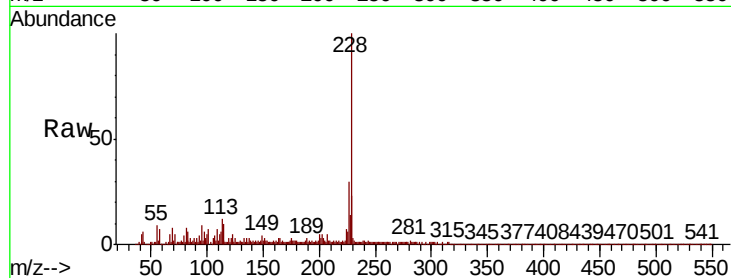




#83
 Chrysene
 Concen: 3.813 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

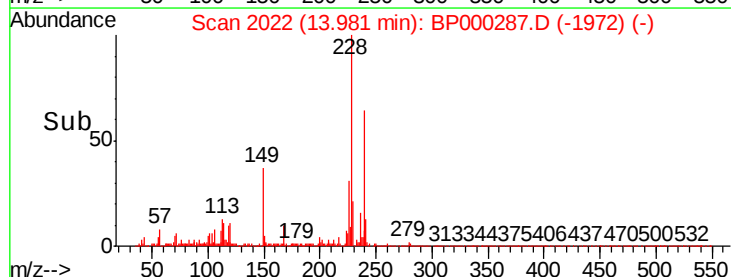
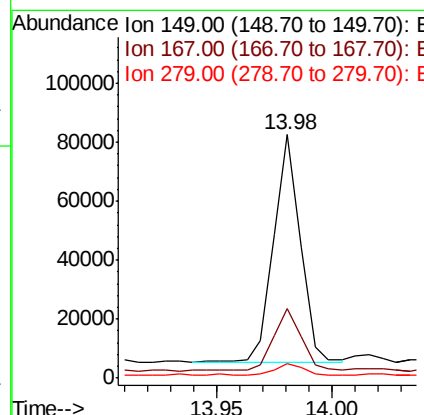
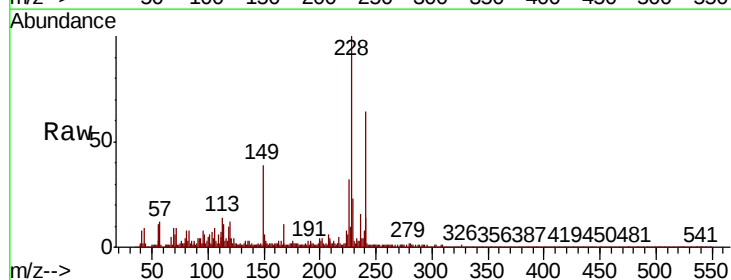
Instrument :
 BNA_P
 ClientSampleId :

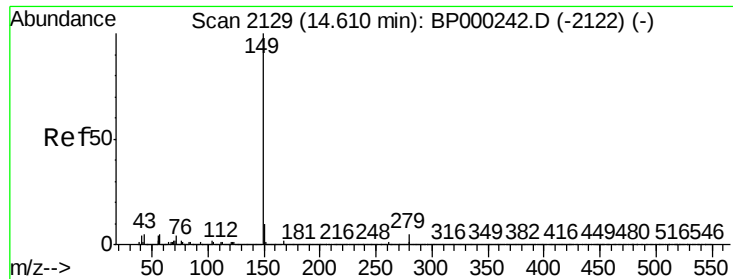
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	23.2	16.2	24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.035 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.4
279	5.9	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 0.025 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

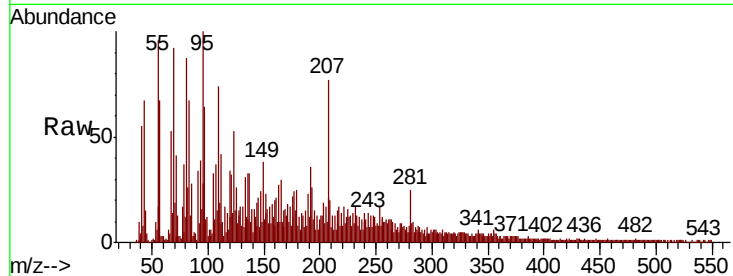
Tot Ion:149 Resp: 1447

Ion Ratio Lower Upper

149 100

167 37.6 1.4 2.0#

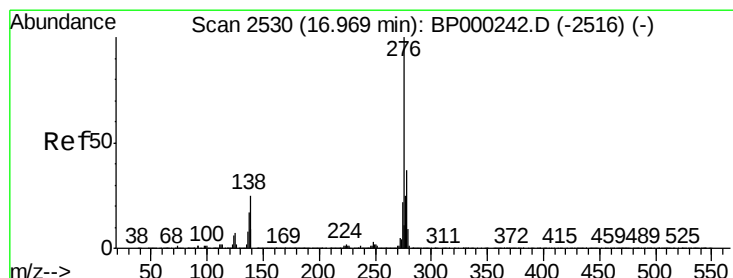
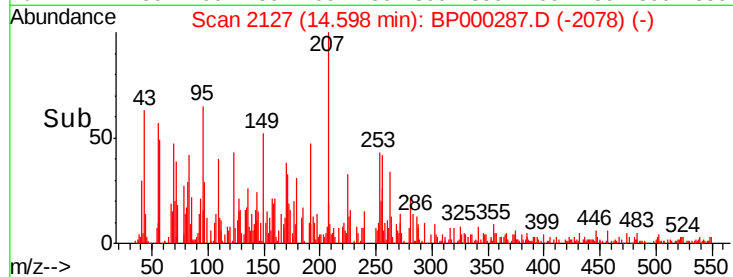
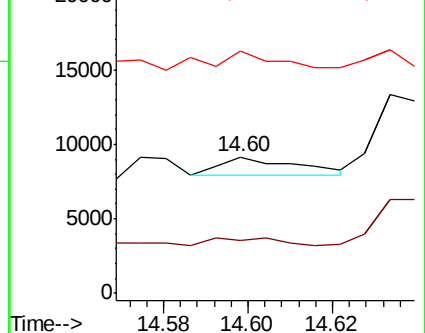
43 128.2 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.286 ng

RT: 16.80 min Scan# 2501

Delta R.T. -0.17 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

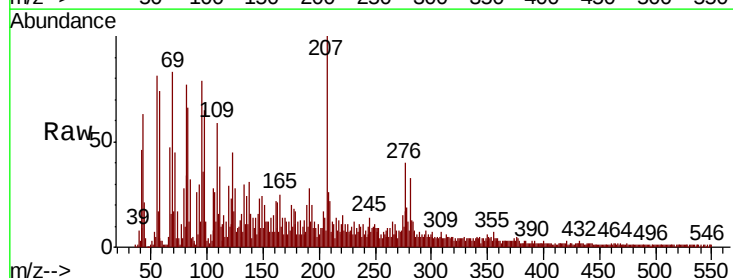
Tgt Ion:276 Resp: 16286

Ion Ratio Lower Upper

276 100

138 32.5 22.6 33.8

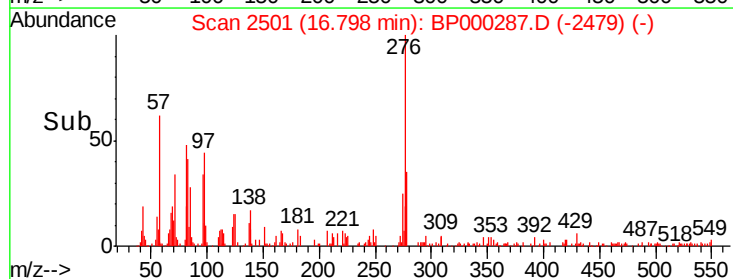
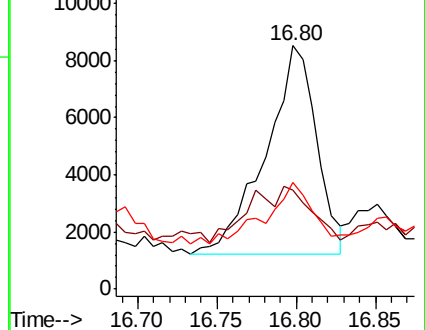
277 27.0 20.4 30.6

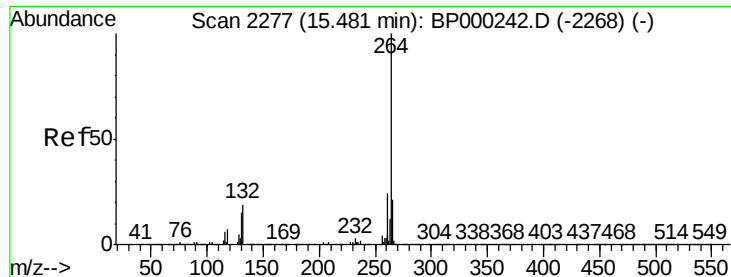


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

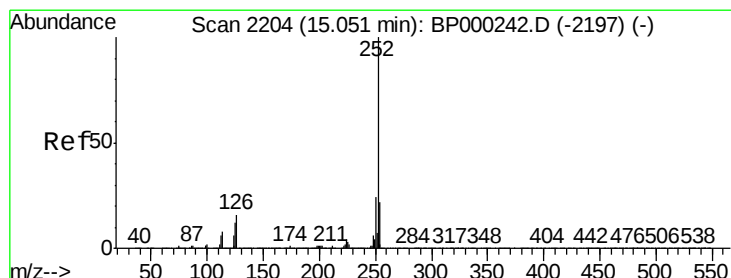
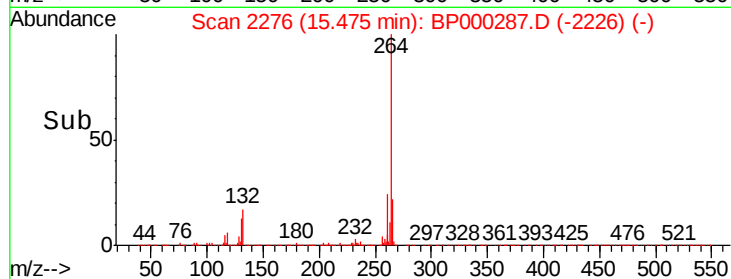
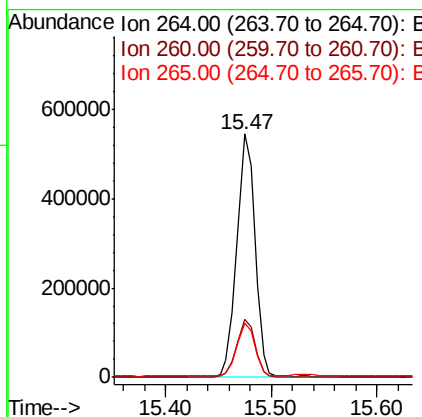
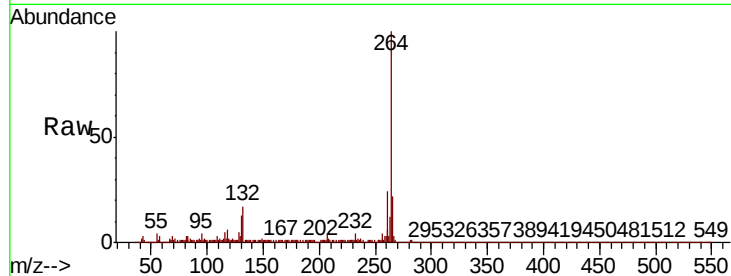




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

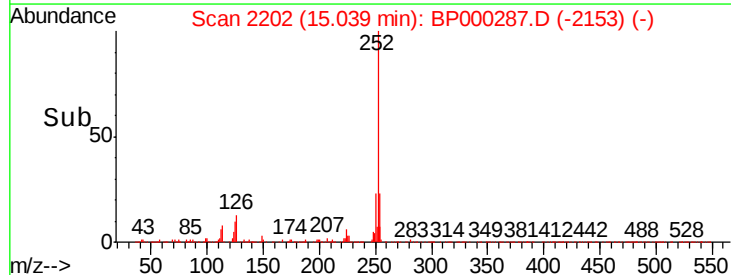
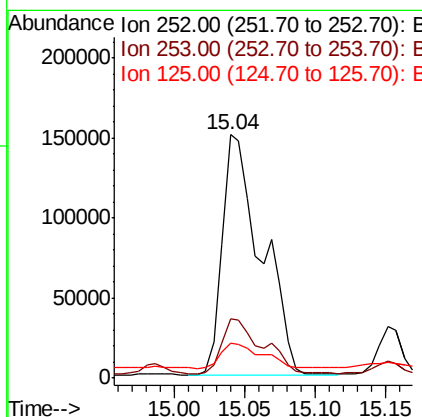
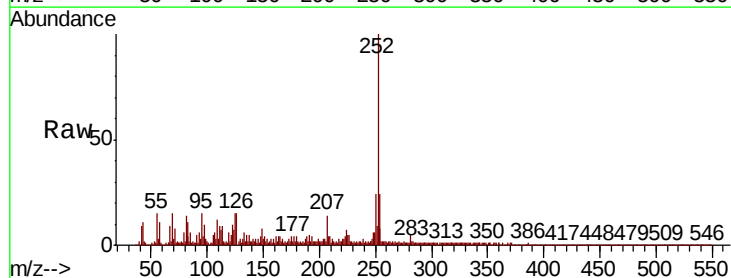
Instrument :
BNA_P
ClientSampleId :

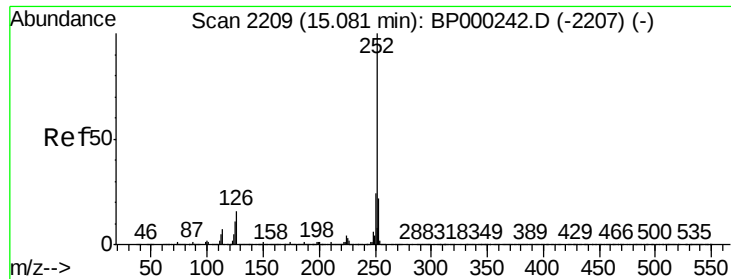
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.3	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 7.665 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.6	9.5	14.3

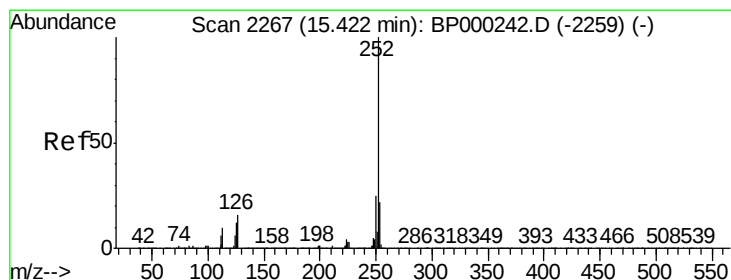
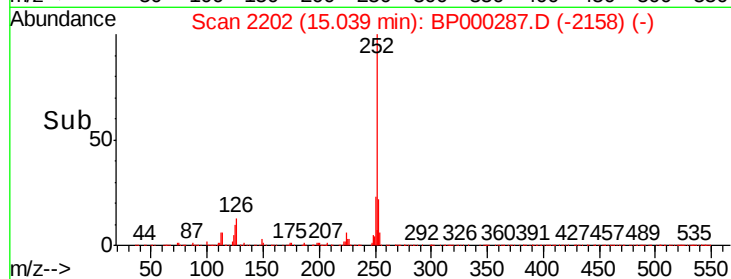
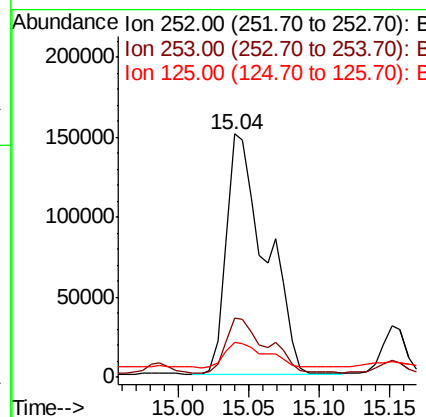
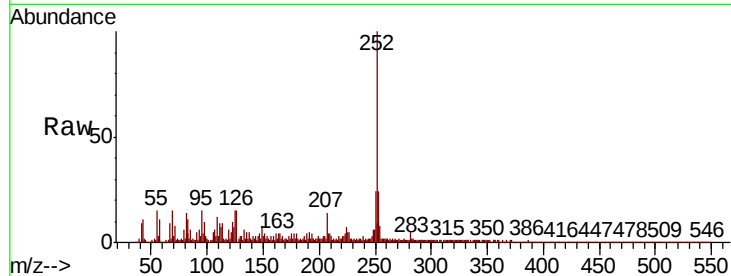




#89
Benzo(k)fluoranthene
Concen: 8.787 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

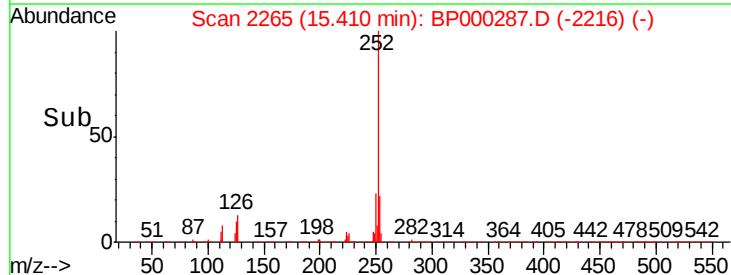
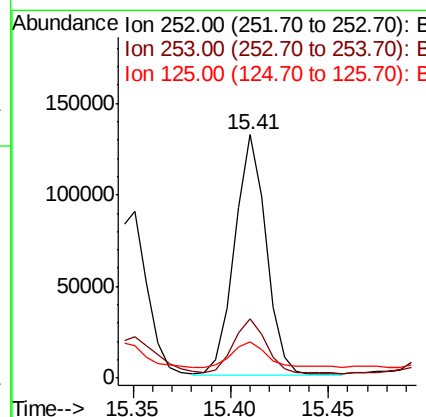
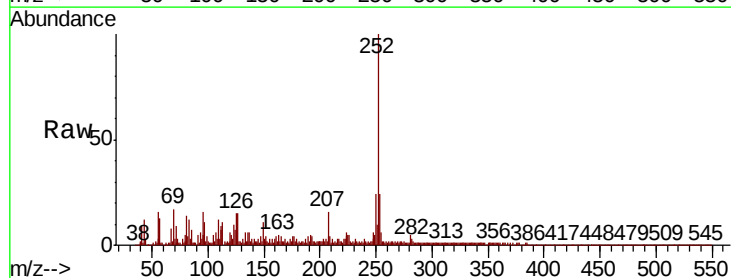
Instrument :
BNA_P
ClientSampleId :

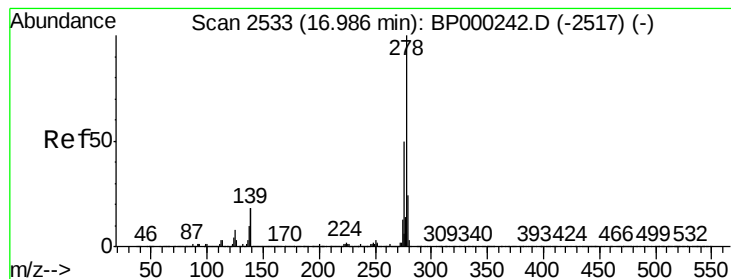
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	14.6	9.6	14.4



#90
Benzo(a)pyrene
Concen: 4.209 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	14.9	10.0	15.0





#91

Dibenzo(a,h)anthracene

Concen: 0.673 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

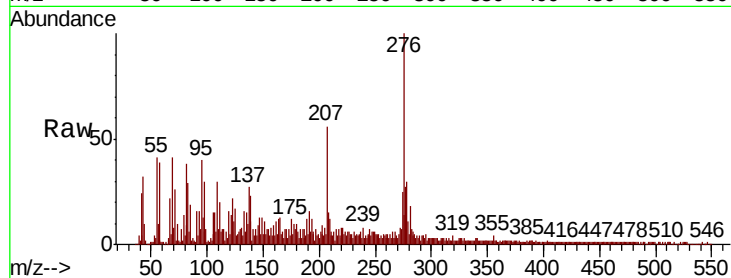
Tot Ion:278 Resp: 21868

Ion Ratio Lower Upper

278 100

139 35.3 14.5 21.7#

279 38.1 19.0 28.6#

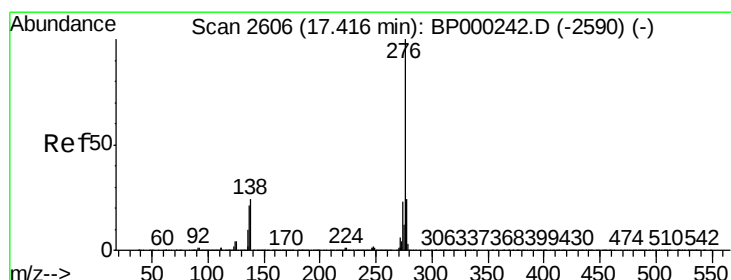
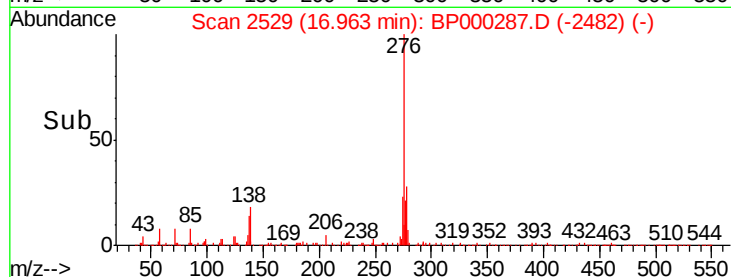
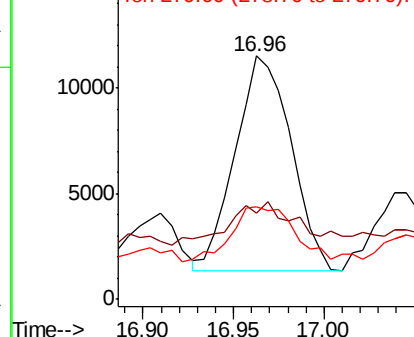


Abundance

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: 2.388 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

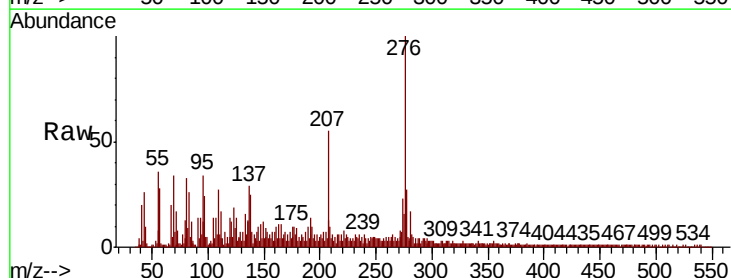
Tgt Ion:276 Resp: 79719

Ion Ratio Lower Upper

276 100

277 27.1 19.1 28.7

138 24.7 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

