

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000397.D
 Acq On : 24 Sep 2019 21:02
 Operator : JU
 Sample : PB123345BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123345BS

Quant Time: Sep 25 01:16:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	230035	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	895607	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	498171	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	923815	20.00	ng	0.00
76) Chrysene-d12	14.00	240	755388	20.00	ng	0.00
87) Perylene-d12	15.47	264	843393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1509006	113.25	ng	0.01
7) Phenol-d6	6.43	99	1857043	113.69	ng	0.00
23) Nitrobenzene-d5	7.35	82	984262	70.91	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	557602	112.85	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2131933	77.02	ng	0.00
79) Terphenyl-d14	12.93	244	2558514	71.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	232543	38.673	ng	99
3) Pyridine	3.28	79	564359	34.864	ng	99
4) n-Nitrosodimethylamine	3.22	42	185116	40.555	ng	100
6) Aniline	6.45	93	765140	33.975	ng	# 73
8) 2-Chlorophenol	6.58	128	638369	44.490	ng	97
9) Benzaldehyde	6.33	77	337369	37.956	ng	98
10) Phenol	6.44	94	798119	43.008	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	603462	42.464	ng	98
12) 1,3-Dichlorobenzene	6.73	146	706315	41.021	ng	98
13) 1,4-Dichlorobenzene	6.80	146	721667	42.125	ng	98
14) 1,2-Dichlorobenzene	6.96	146	673026	42.886	ng	99
15) Benzyl Alcohol	6.93	79	512303	43.100	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	546591	40.569	ng	99
17) 2-Methylphenol	7.05	107	523504	42.598	ng	99
18) Hexachloroethane	7.30	117	252781	39.872	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	359999	41.687	ng	98
20) 3+4-Methylphenols	7.20	107	654896	44.068	ng	# 86
22) Acetophenone	7.19	105	874645	45.064	ng	# 99
24) Nitrobenzene	7.36	77	616656	42.770	ng	96
25) Isophorone	7.60	82	1134284	41.267	ng	98
26) 2-Nitrophenol	7.69	139	332784	43.538	ng	98
27) 2,4-Dimethylphenol	7.73	122	569466	46.772	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	753016	41.190	ng	100
29) 2,4-Dichlorophenol	7.93	162	569674	43.656	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	613425	41.013	ng	100
31) Naphthalene	8.09	128	1816125	43.785	ng	99
32) Benzoic acid	7.83	122	318964	38.800	ng	99
33) 4-Chloroaniline	8.14	127	501351	26.708	ng	98
34) Hexachlorobutadiene	8.22	225	354106	39.957	ng	100
35) Caprolactam	8.49	113	111307	25.075	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	569849	43.018	ng	99
37) 2-Methylnaphthalene	8.79	142	1248132	44.018	ng	100
38) 1-Methylnaphthalene	8.89	142	1161510	43.729	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	619793	43.514	ng	99

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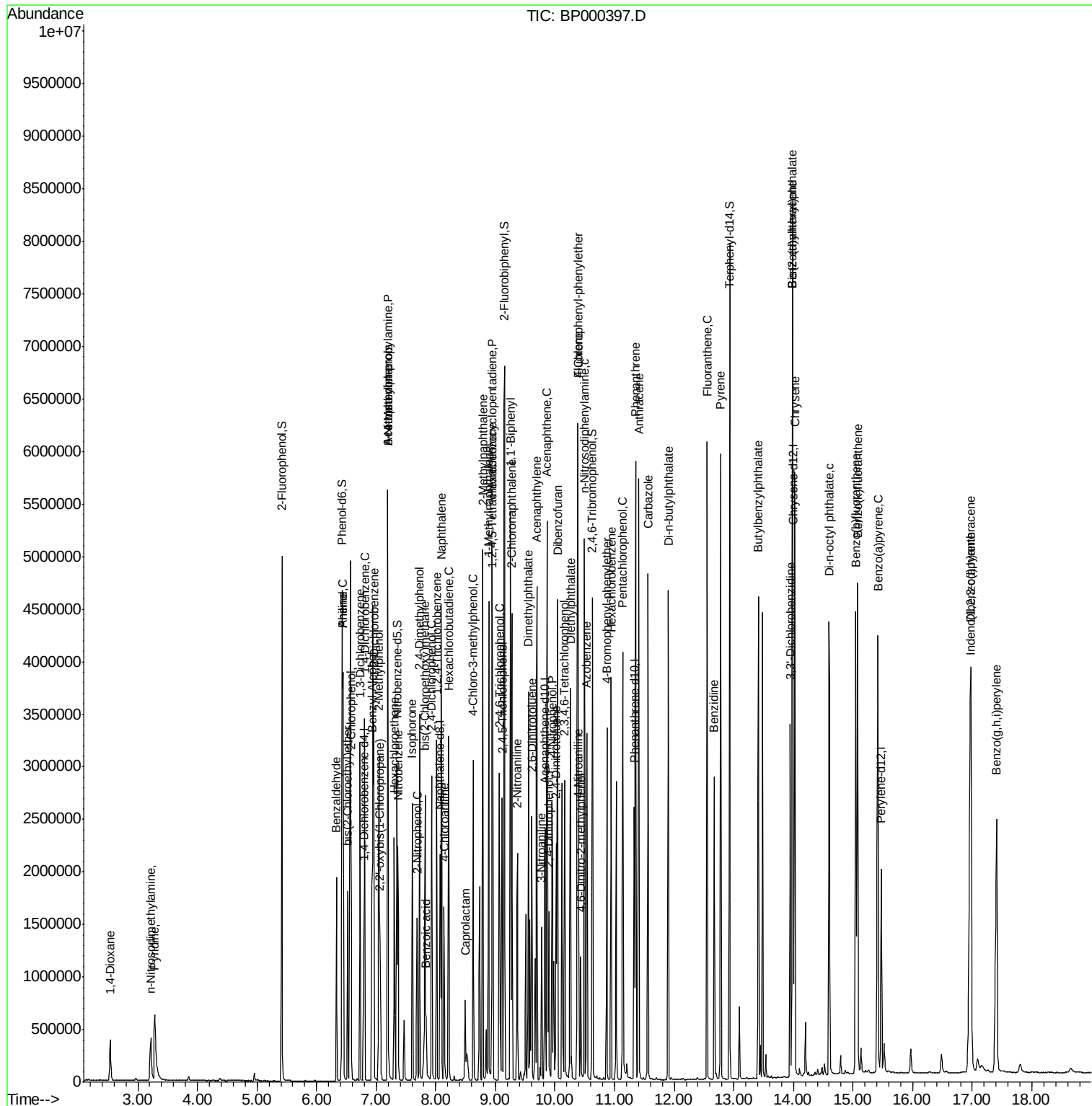
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	577609	70.620	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	414047	42.010	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	449193	44.509	ng	99
46) 1,1'-Biphenyl	9.25	154	1530856	44.421	ng	99
47) 2-Chloronaphthalene	9.28	162	1205623	41.704	ng	98
48) 2-Nitroaniline	9.37	65	297909	40.579	ng	98
49) Acenaphthylene	9.69	152	1893257	43.567	ng	100
50) Dimethylphthalate	9.55	163	1411106	41.575	ng	99
51) 2,6-Dinitrotoluene	9.61	165	323959	43.409	ng	95
52) Acenaphthene	9.86	154	1106657	40.355	ng	100
53) 3-Nitroaniline	9.78	138	251208	29.000	ng	94
54) 2,4-Dinitrophenol	9.89	184	247680	75.121	ng	94
55) Dibenzofuran	10.04	168	1720433	44.379	ng	99
56) 4-Nitrophenol	9.95	139	521149	80.888	ng	98
57) 2,4-Dinitrotoluene	10.02	165	429598	44.033	ng	# 85
58) Fluorene	10.38	166	1307913	43.680	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	368803	44.411	ng	99
60) Diethylphthalate	10.26	149	1387632	42.500	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	672026	43.723	ng	96
62) 4-Nitroaniline	10.40	138	351887	41.300	ng	98
63) Azobenzene	10.53	77	1218122	44.037	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	185448	42.692	ng	97
66) n-Nitrosodiphenylamine	10.49	169	1196547	43.026	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	425082	40.691	ng	95
68) Hexachlorobenzene	10.94	284	448120	39.238	ng	# 92
69) Atrazine	11.03	200	374289	Below Cal		97
70) Pentachlorophenol	11.13	266	479719	77.124	ng	98
71) Phenanthrene	11.35	178	2027967	43.806	ng	100
72) Anthracene	11.40	178	2050391	43.028	ng	100
73) Carbazole	11.56	167	1914569	44.614	ng	99
74) Di-n-butylphthalate	11.90	149	2217437	40.823	ng	99
75) Fluoranthene	12.55	202	2228052	44.820	ng	98
77) Benzidine	12.67	184	1057965	39.216	ng	99
78) Pyrene	12.78	202	2293845	40.588	ng	100
80) Butylbenzylphthalate	13.41	149	981413	37.792	ng	96
81) Benzo(a)anthracene	13.99	228	1962985	41.139	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	661977	34.520	ng	99
83) Chrysene	14.02	228	1964413	41.930	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1273220	40.843	ng	99
85) Di-n-octyl phthalate	14.60	149	2351010	40.692	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2348194	41.119	ng	99
88) Benzo(b)fluoranthene	15.05	252	2211219	43.949	ng	99
89) Benzo(k)fluoranthene	15.07	252	1884174	42.931	ng	99
90) Benzo(a)pyrene	15.42	252	2033304	44.413	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	1923190	45.057	ng	99
92) Benzo(g,h,i)perylene	17.41	276	1954431	44.547	ng	99

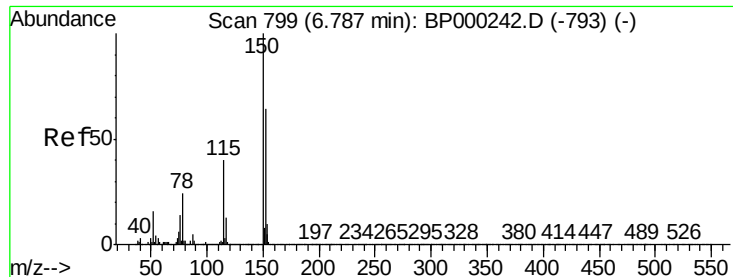
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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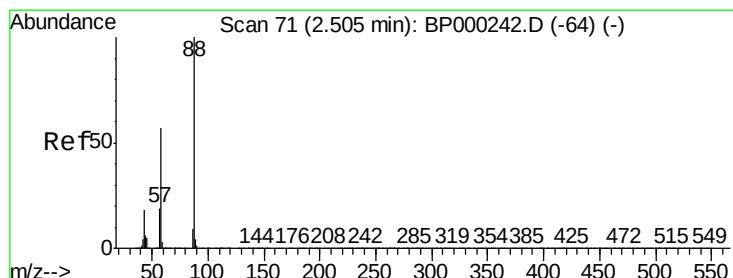
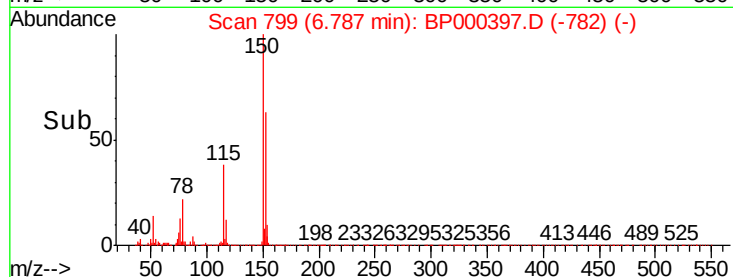
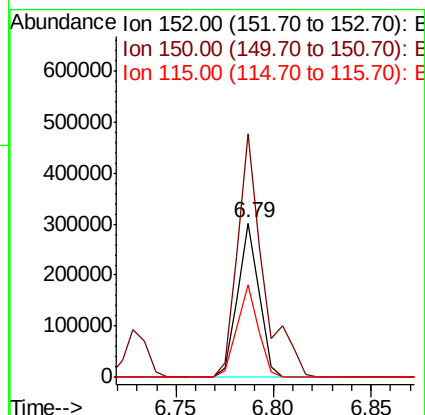
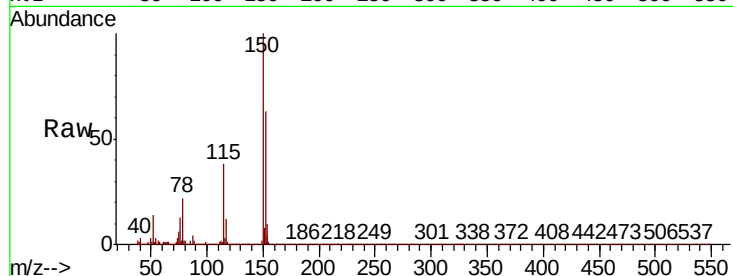


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
PB123345BS

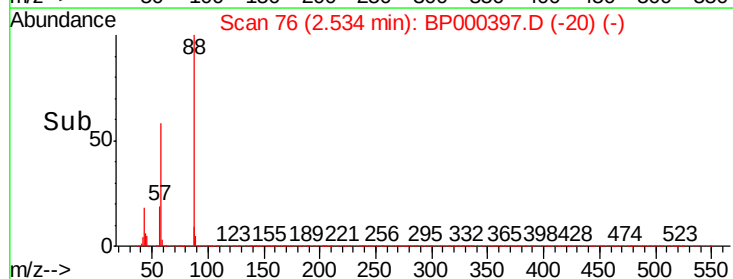
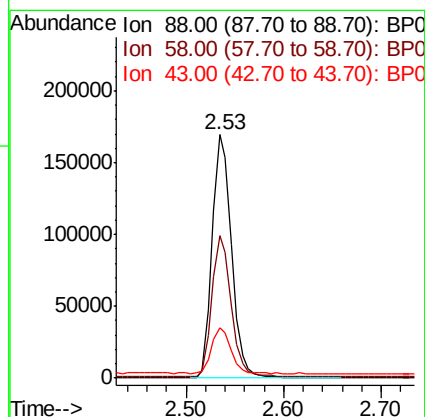
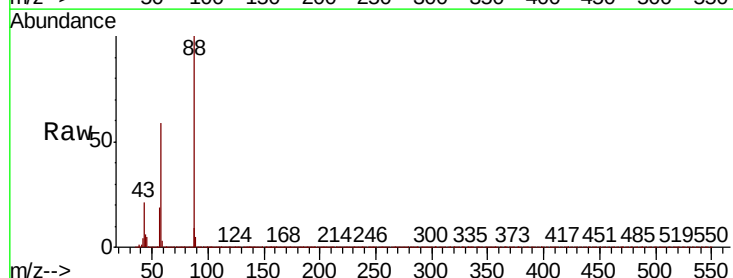
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.2	187.8
115	59.8	49.7	74.5

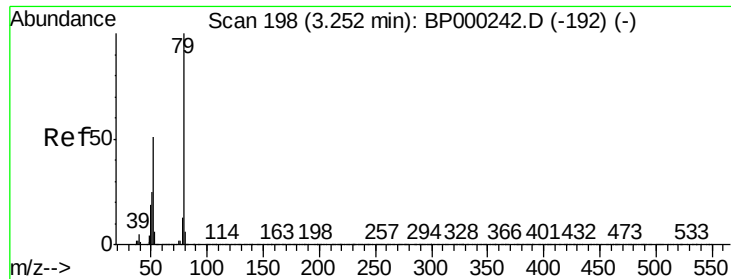


#2

1,4-Dioxane
Concen: 38.673 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.03 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.4	45.4	68.2
43	18.7	15.0	22.6

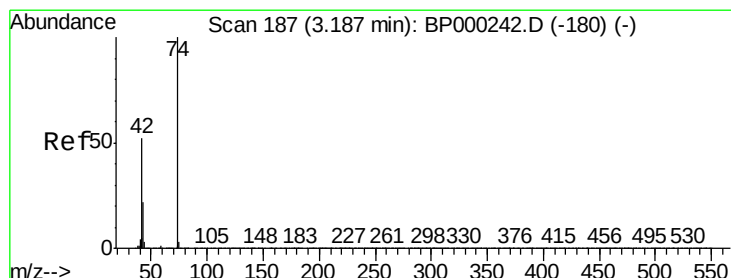
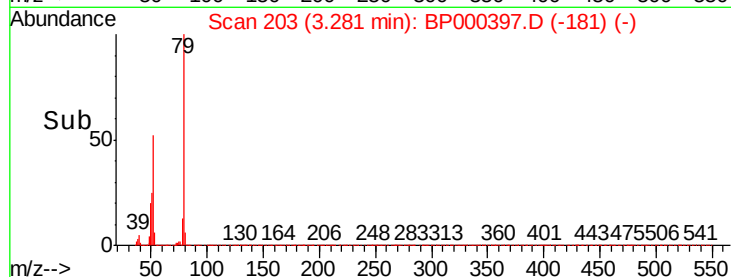
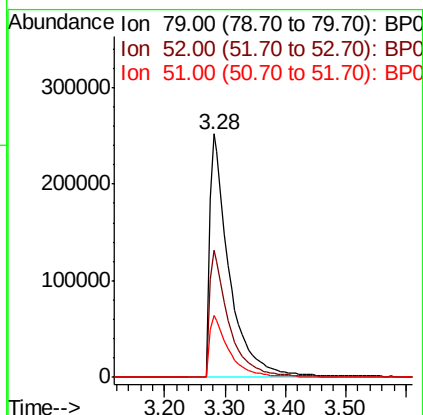
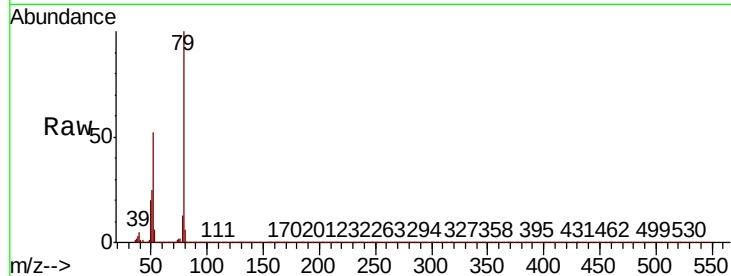




#3
 Pvridine
 Concen: 34.864 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.03 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

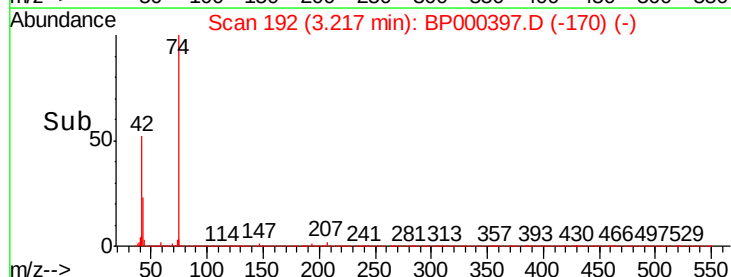
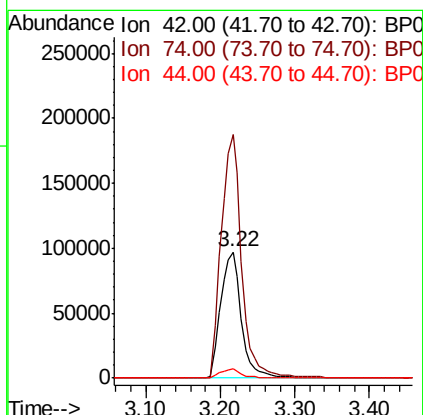
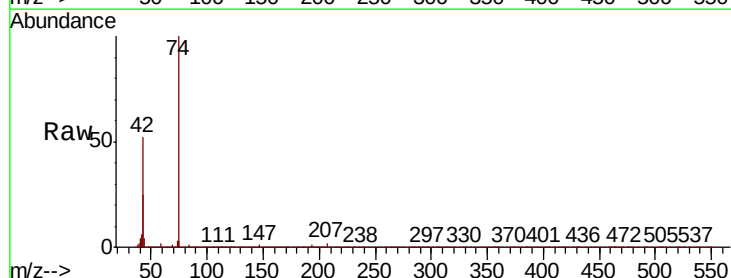
Instrument :
 BNA_P
 ClientSampleId :
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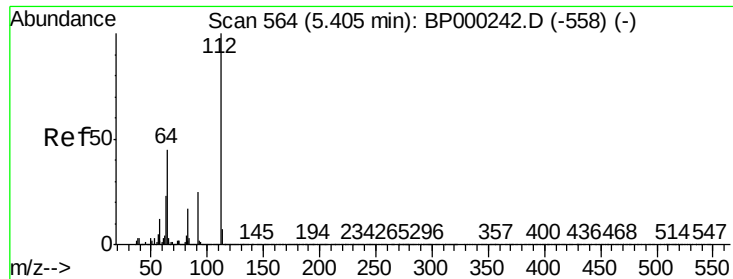
Tot Ion: 79 Resp: 564359
 Ion Ratio Lower Upper
 79 100
 52 52.4 40.9 61.3
 51 25.4 20.2 30.2



#4
 n-Nitrosodimethylamine
 Concen: 40.555 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.03 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Tgt Ion: 42 Resp: 185116
 Ion Ratio Lower Upper
 42 100
 74 193.3 154.5 231.7
 44 7.1 5.9 8.9





#5

2-Fluorophenol

Concen: 113.247 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

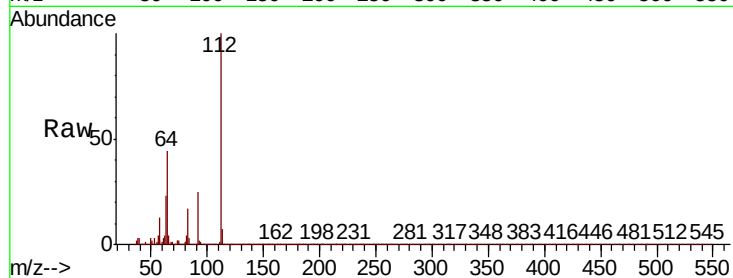
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:112 Resp: 1509006

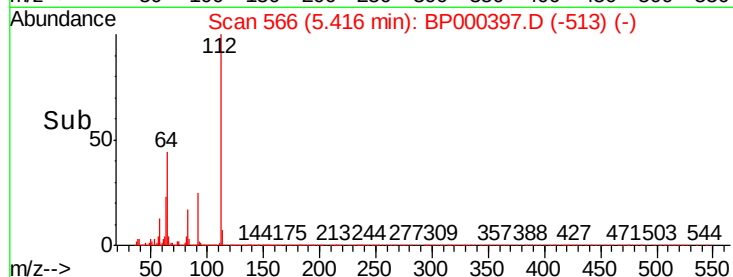
Ion	Ratio	Lower	Upper
112	100		
64	44.4	36.2	54.4
63	23.0	18.3	27.5



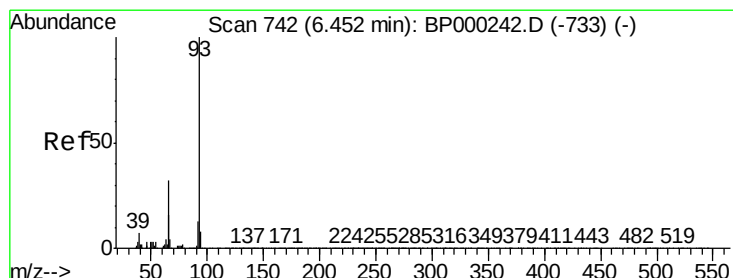
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time--> 5.30 5.40 5.50



#6

Aniline

Concen: 33.975 ng

RT: 6.45 min Scan# 741

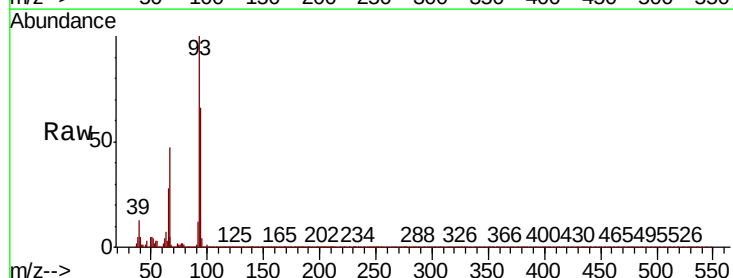
Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion: 93 Resp: 765140

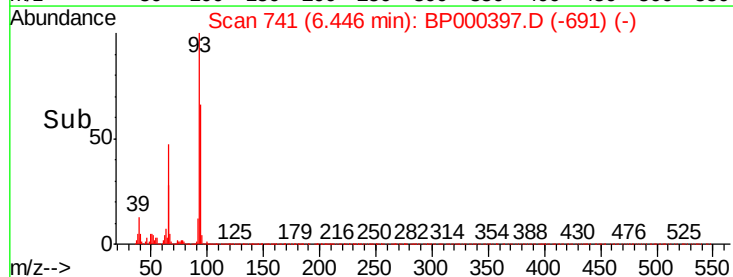
Ion	Ratio	Lower	Upper
93	100		
66	47.4	26.2	39.2#
65	27.7	12.7	19.1#



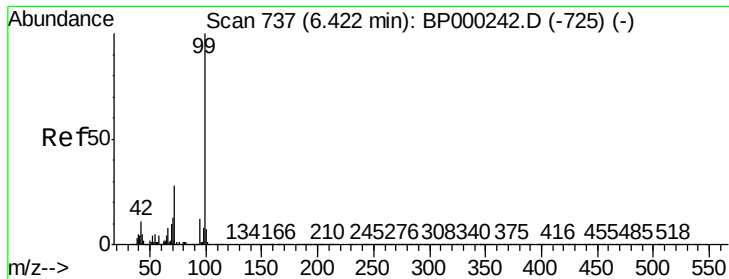
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time--> 6.40 6.45 6.50



#7

Phenol-d6

Concen: 113.695 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

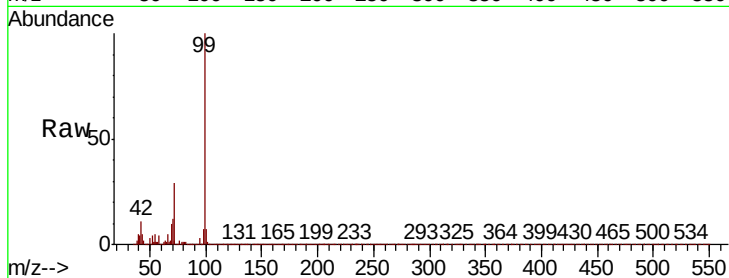
BNA_P

ClientSampleId :

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Tot Ion: 99 Resp: 1857043

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	28.8	22.6	34.0

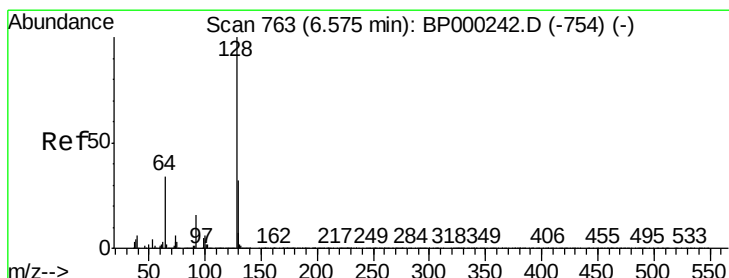
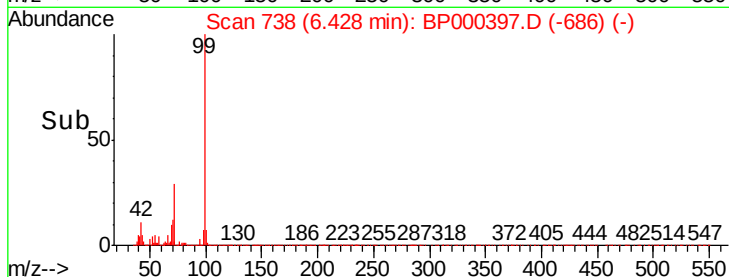
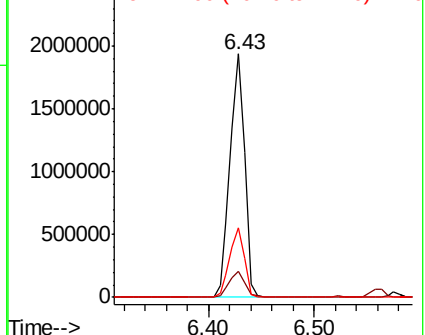


Abundance

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: 44.490 ng

RT: 6.58 min Scan# 763

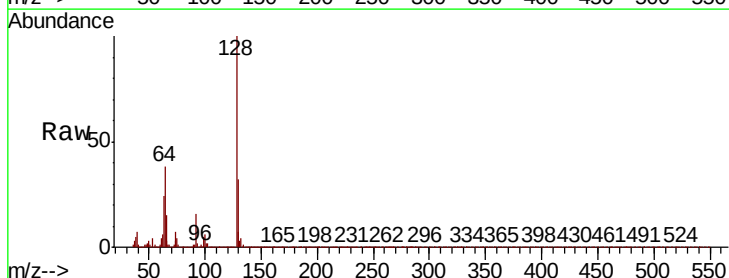
Delta R.T. -0.00 min

Lab File: BP000397.D

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Tgt Ion: 128 Resp: 638369

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.5	52.5
64	38.3	16.0	56.0

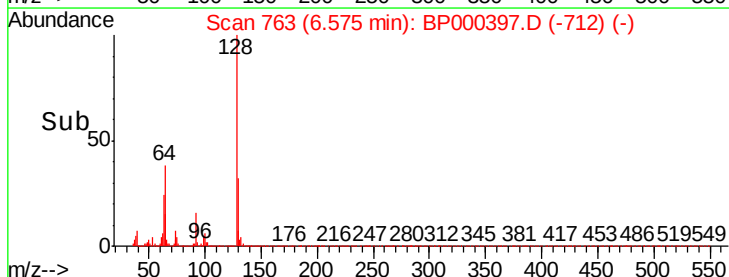
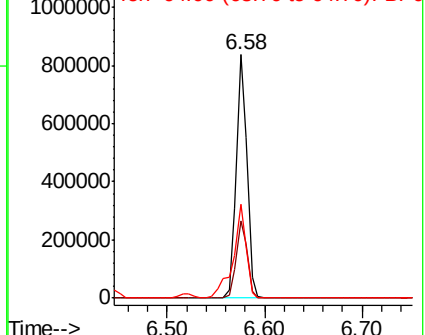


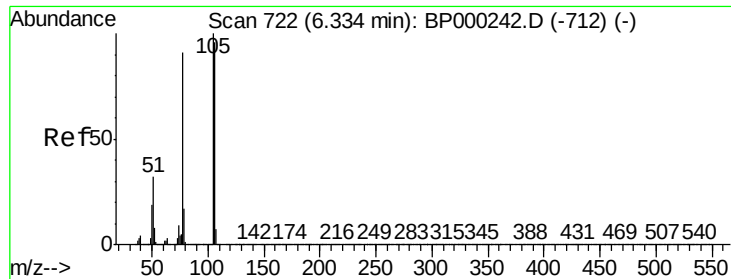
Abundance

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: 37.956 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

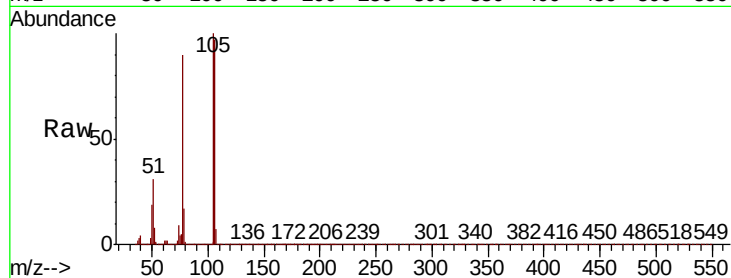
BNA_P

ClientSampleId :

PB123345BS

Tot Ion: 77 Resp: 337369

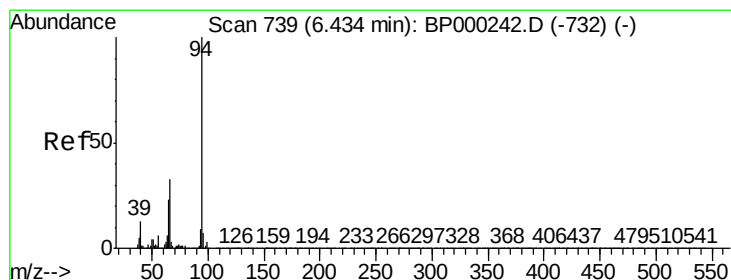
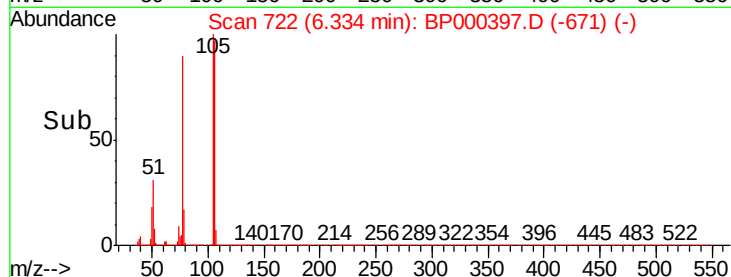
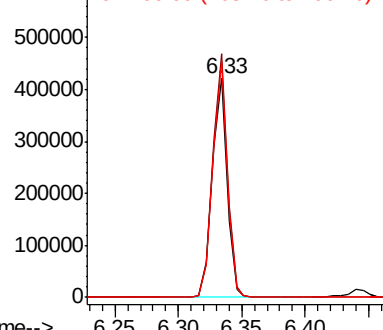
Ion	Ratio	Lower	Upper
77	100		
105	111.1	89.6	129.6
106	107.7	84.6	124.6



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: 43.008 ng

RT: 6.44 min Scan# 740

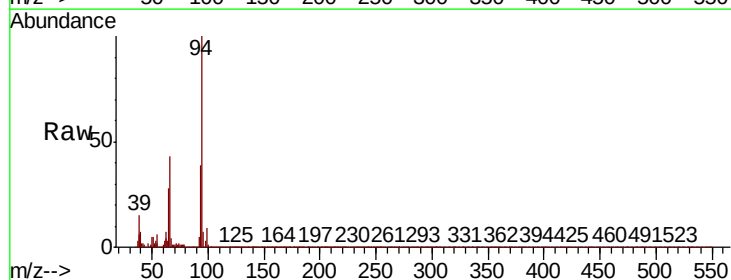
Delta R.T. 0.01 min

Lab File: BP000397.D

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Tgt Ion: 94 Resp: 798119

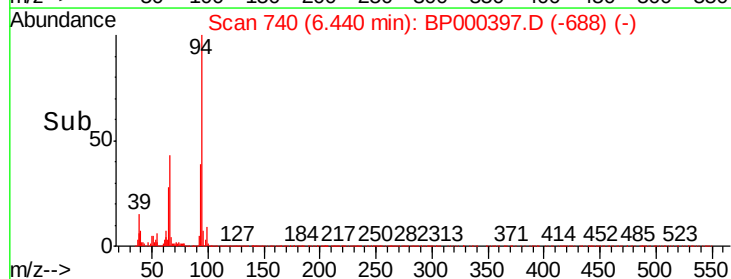
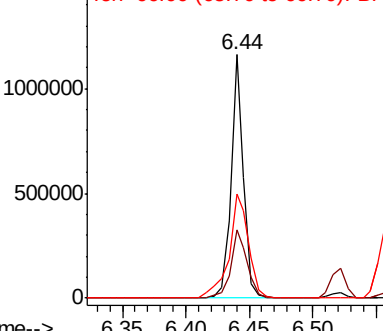
Ion	Ratio	Lower	Upper
94	100		
65	28.0	3.3	43.3
66	42.7	12.7	52.7

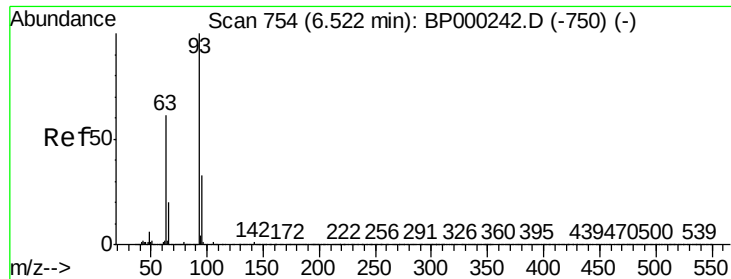


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

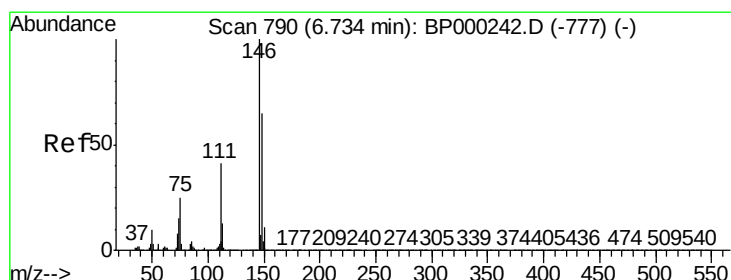
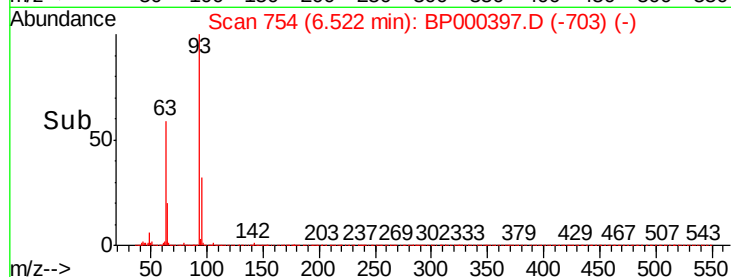
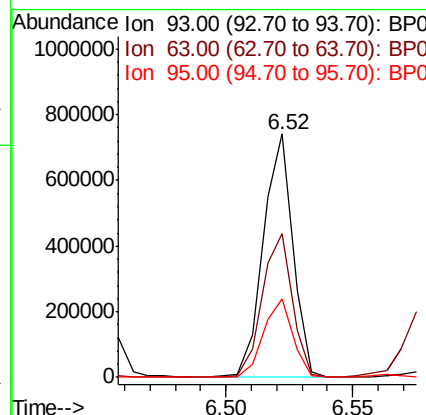
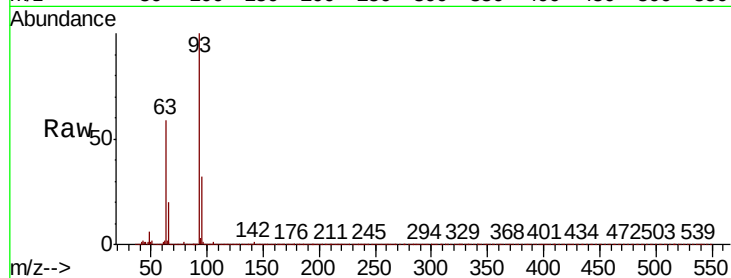




#11
bis(2-Chloroethyl)ether
Concen: 42.464 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

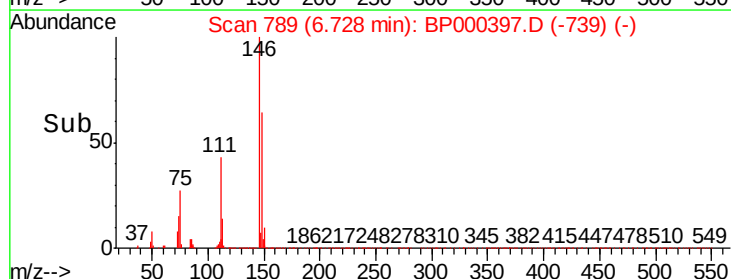
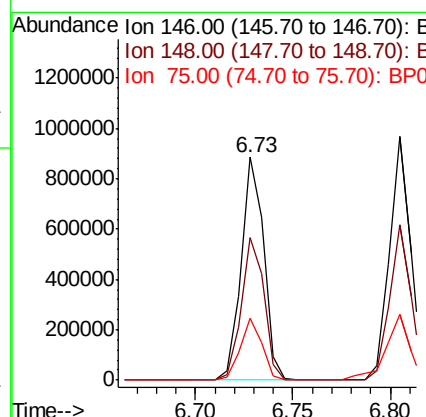
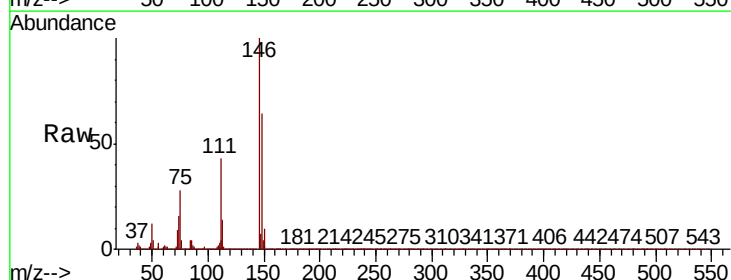
Instrument :
BNA_P
ClientSampleId :
PB123345BS

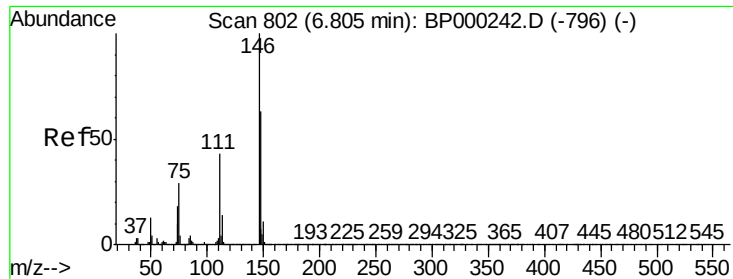
Tot Ion:	93	Resp:	603462
Ion	Ratio	Lower	Upper
93	100		
63	59.3	41.0	81.0
95	32.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.021 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:	146	Resp:	706315
Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	27.6	20.2	30.4

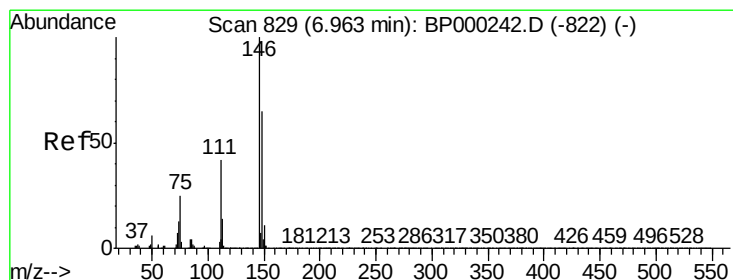
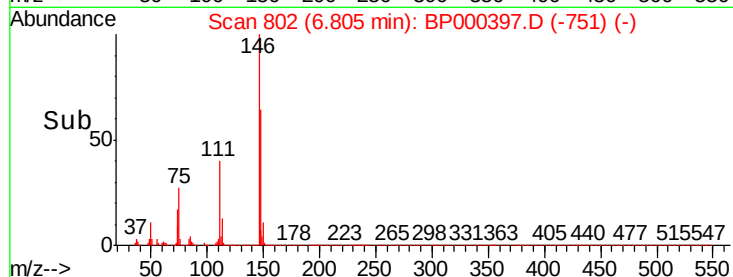
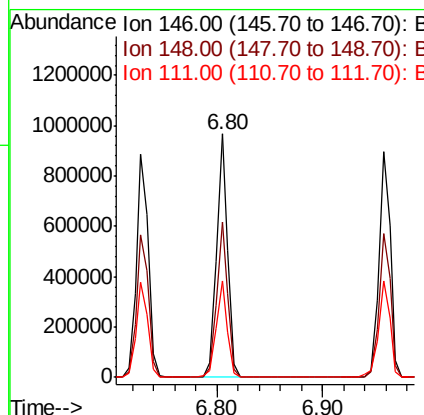
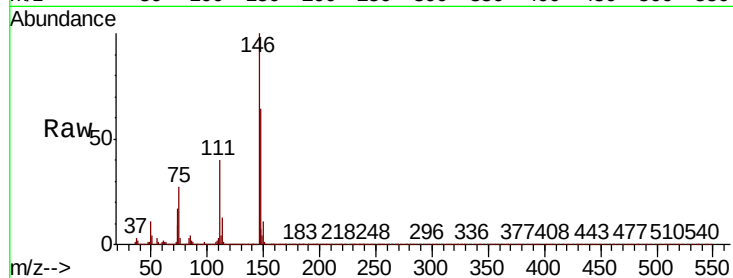




#13
1,4-Dichlorobenzene
Concen: 42.125 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

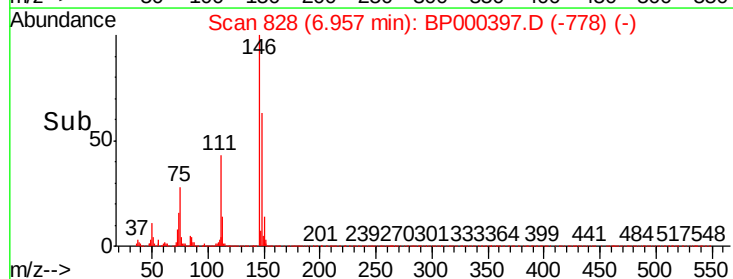
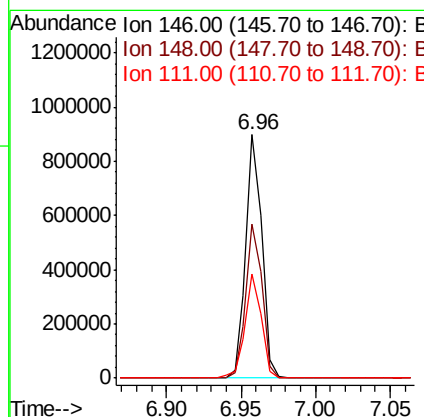
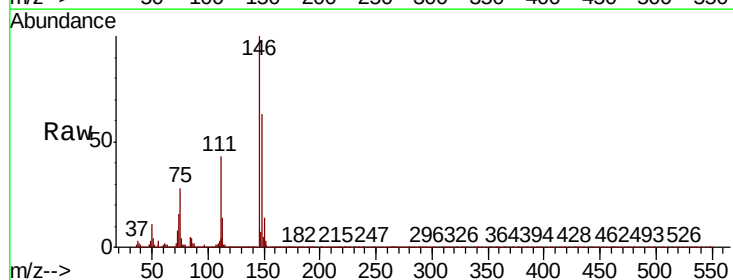
Instrument :
BNA_P
ClientSampleId :
PB123345BS

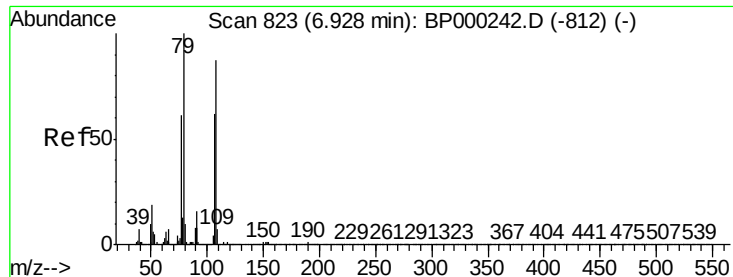
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	39.9	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 42.886 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
111	42.7	33.4	50.2





#15

Benzyl Alcohol

Concen: 43.100 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

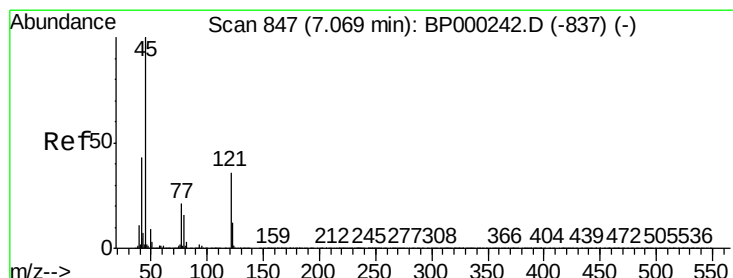
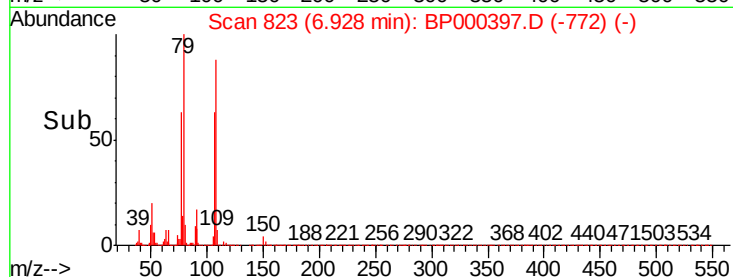
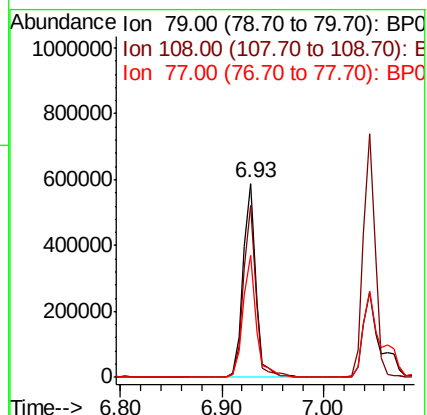
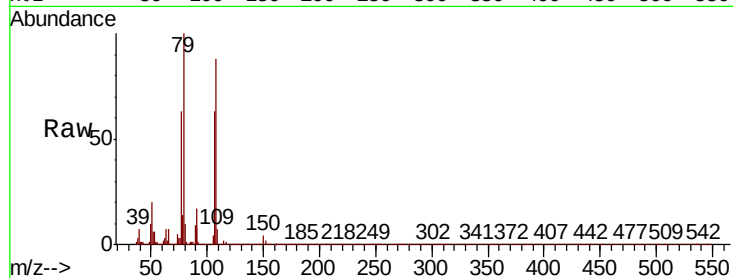
Tot Ion: 79 Resp: 512303

Ion Ratio Lower Upper

79 100

108 88.4 69.2 103.8

77 62.7 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.569 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

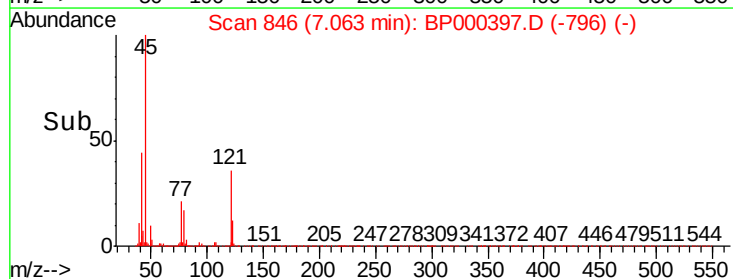
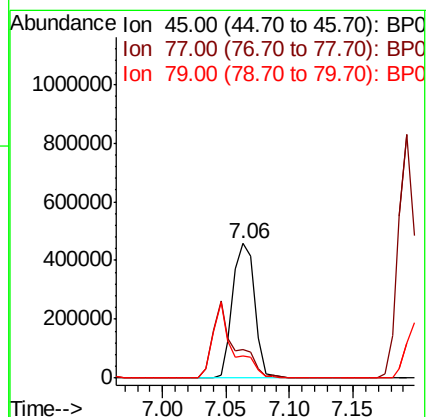
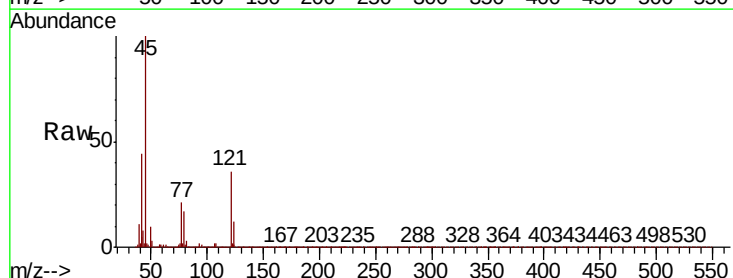
Tgt Ion: 45 Resp: 546591

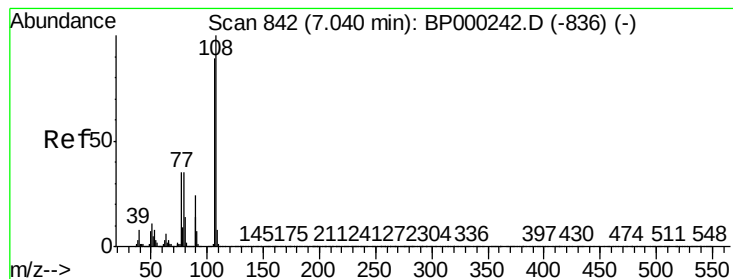
Ion Ratio Lower Upper

45 100

77 21.2 0.7 40.7

79 16.7 0.0 36.4





#17

2-Methylphenol

Concen: 42.598 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

Tot Ion:107 Resp: 523504

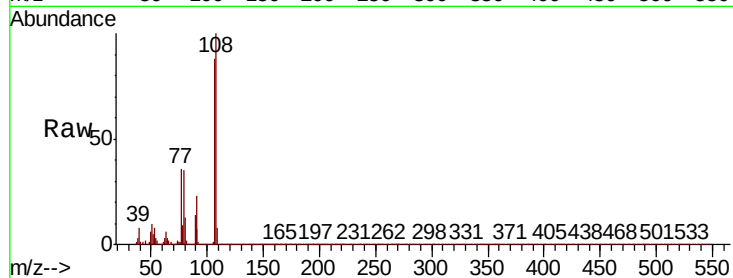
Ion Ratio Lower Upper

107 100

108 113.1 90.1 135.1

77 40.3 31.5 47.3

79 39.5 32.2 48.2

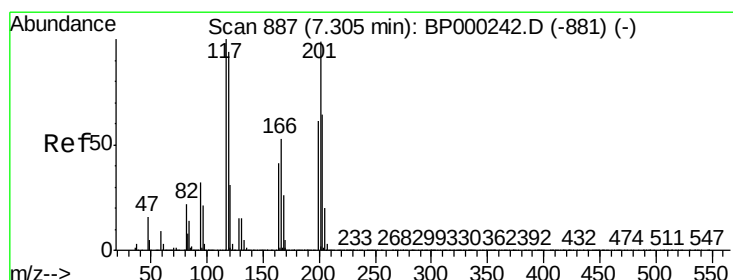
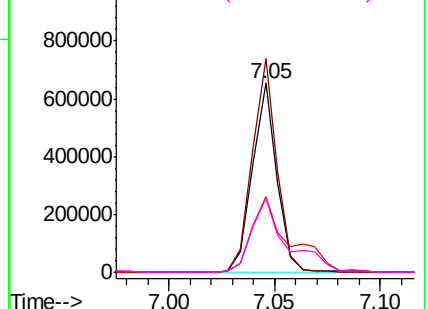
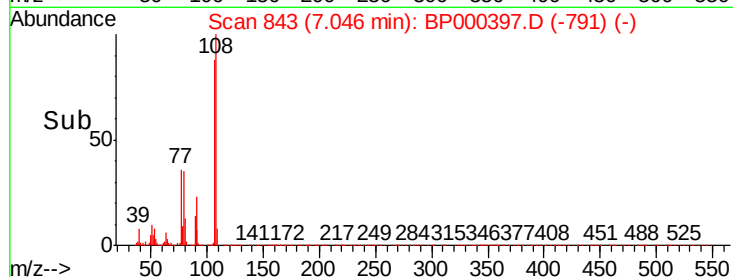


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 39.872 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

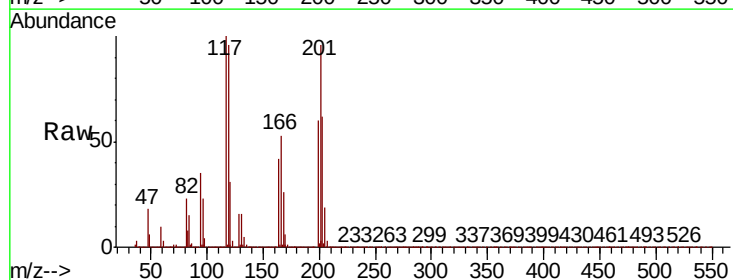
Tgt Ion:117 Resp: 252781

Ion Ratio Lower Upper

117 100

119 96.5 75.6 113.4

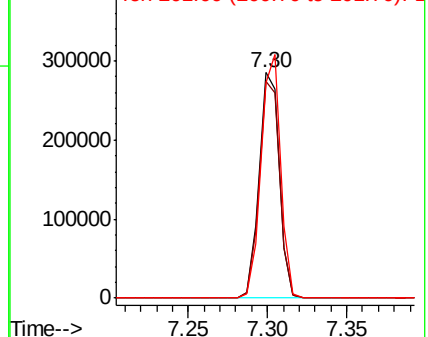
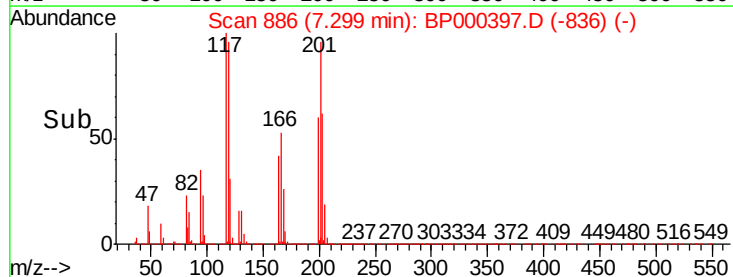
201 95.5 79.4 119.2

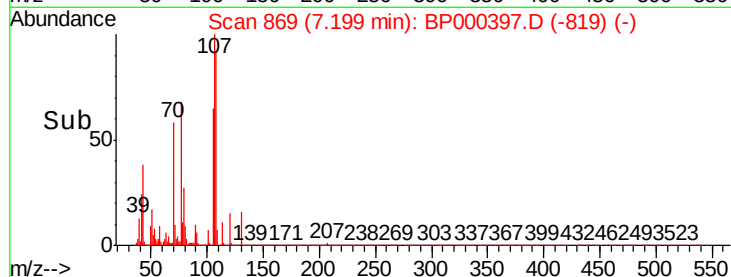
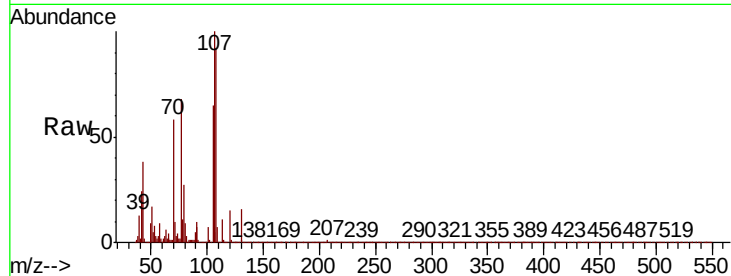
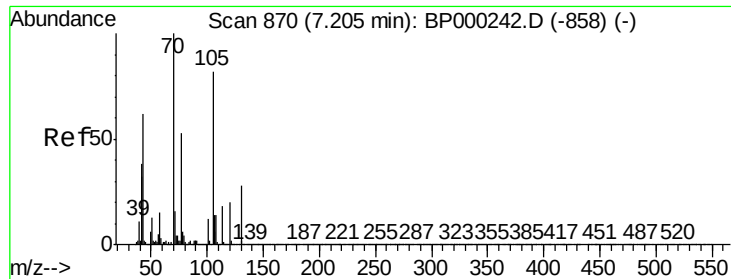


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

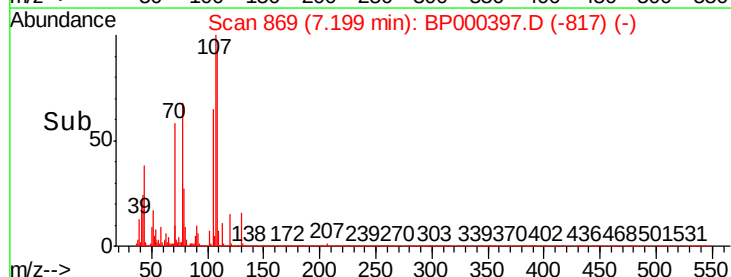
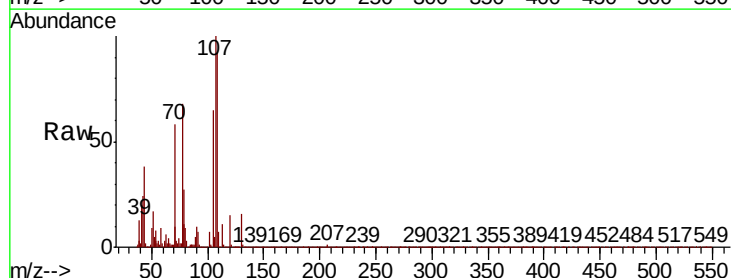
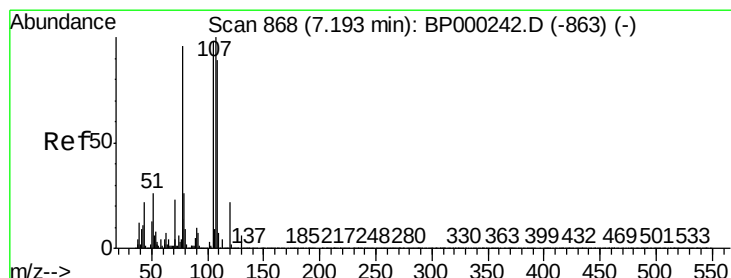
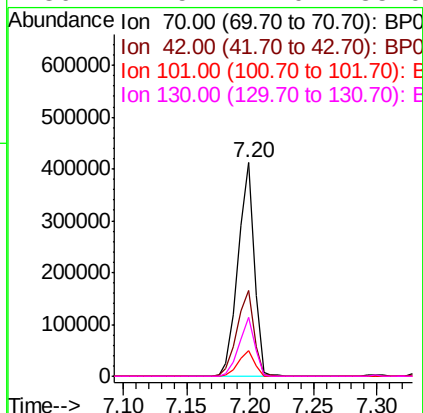




#19
n-Nitroso-di-n-propylamine
Concen: 41.687 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

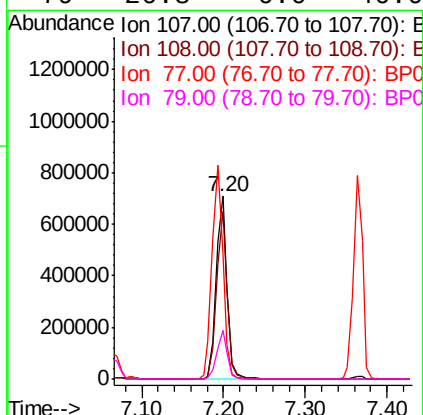
Instrument :
BNA_P
ClientSampleId :
PB123345BS

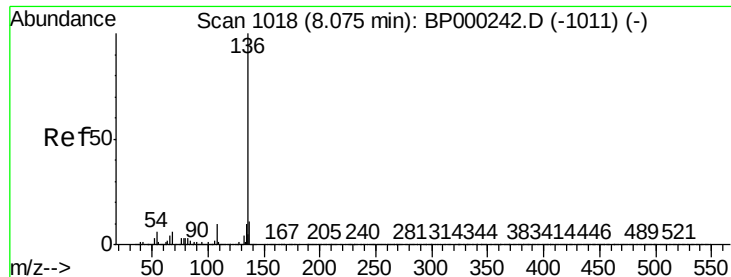
Tot Ion:	70	Resp:	359999
Ion	Ratio	Lower	Upper
70	100		
42	40.5	30.7	46.1
101	12.1	9.6	14.4
130	27.5	22.0	33.0



#20
3+4-Methylphenols
Concen: 44.068 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:	107	Resp:	654896
Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.8	108.8
77	68.2	75.7	115.7#
79	26.8	6.0	46.0

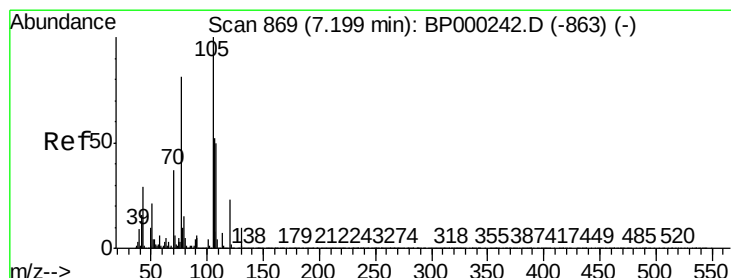
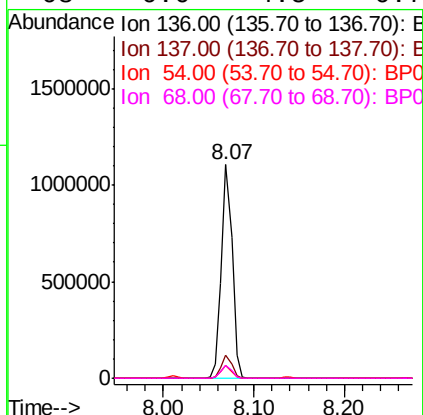
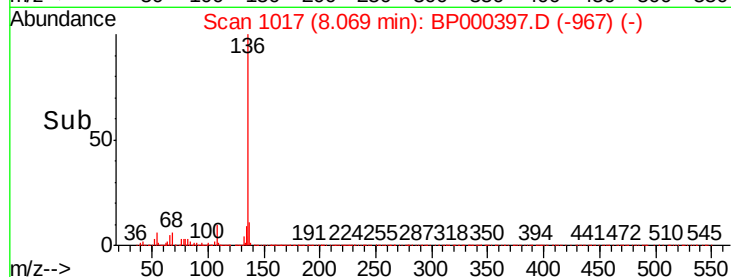
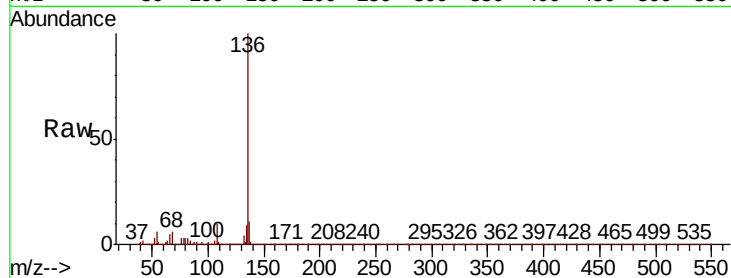




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

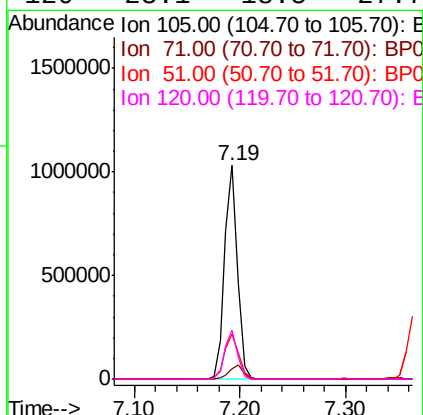
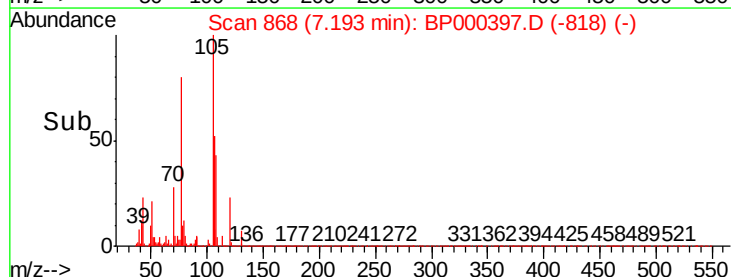
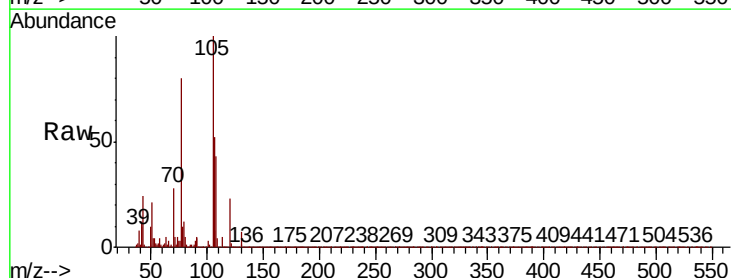
Instrument :
BNA_P
ClientSampleId :
PB123345BS

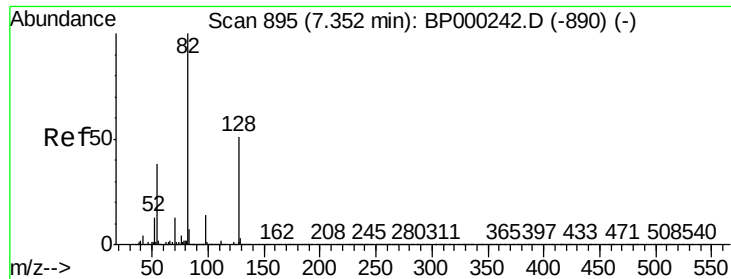
Tot Ion:136	Resp:	895607	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 5.8	4.5	6.7	
68 6.0	4.5	6.7	



#22
Acetophenone
Concen: 45.064 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt	Ion:105	Resp:	874645
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.2	7.8#
51	21.0	16.6	24.8
120	23.1	18.5	27.7

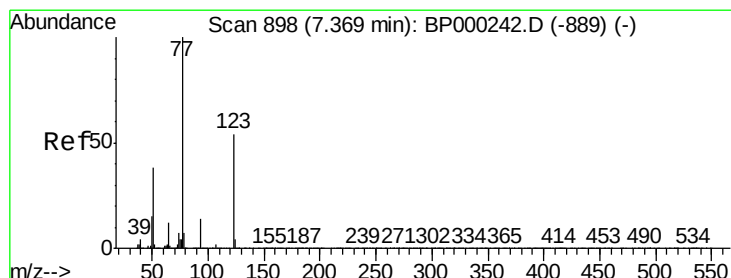
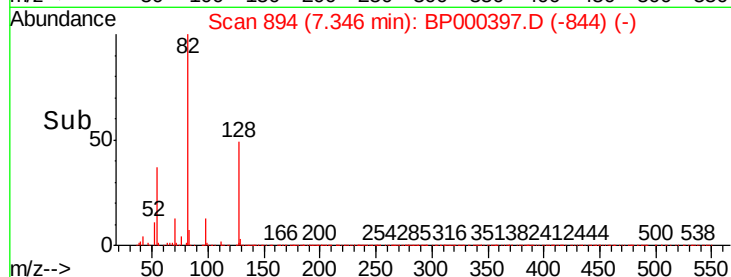
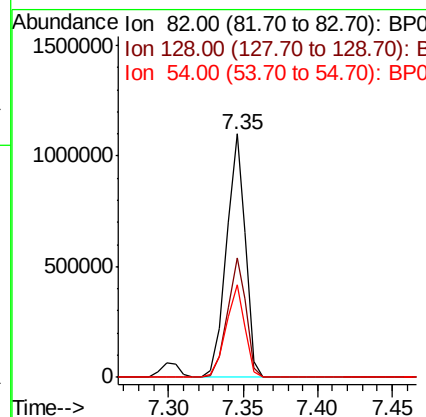
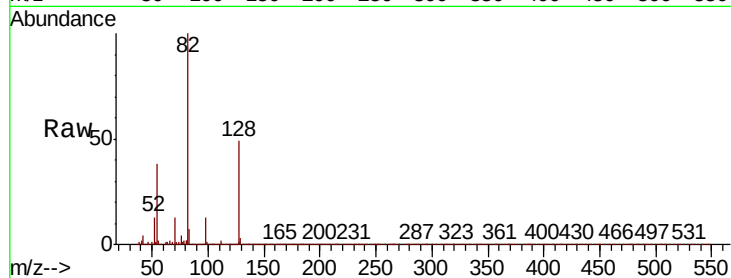




#23
 Nitrobenzene-d5
 Concen: 70.906 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

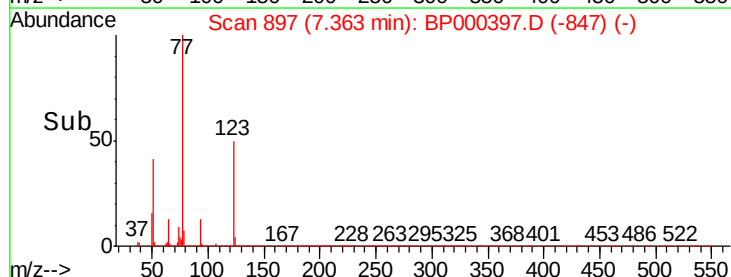
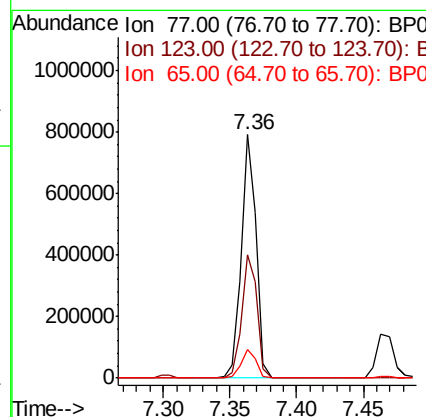
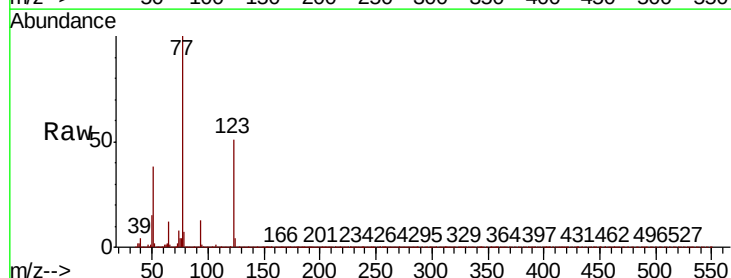
Instrument :
 BNA_P
 ClientSampleId :
 PB123345BS

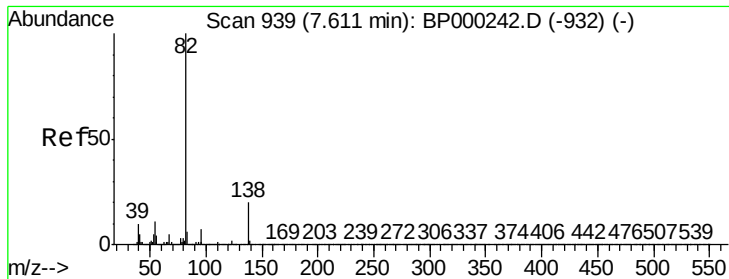
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.7	61.1
54	38.2	30.1	45.1



#24
 Nitrobenzene
 Concen: 42.770 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	43.1	64.7
65	11.9	9.4	14.2





#25

Isophorone

Concen: 41.267 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

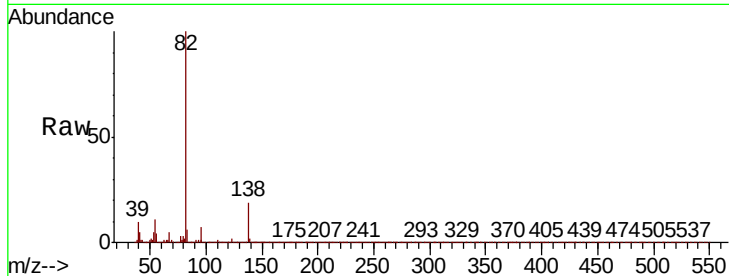
Tot Ion: 82 Resp: 1134284

Ion Ratio Lower Upper

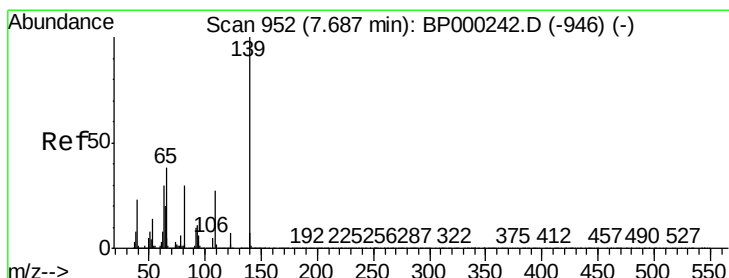
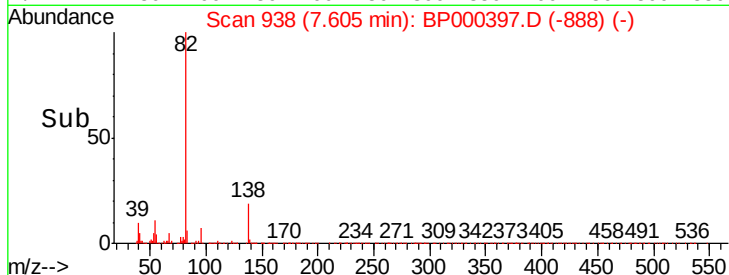
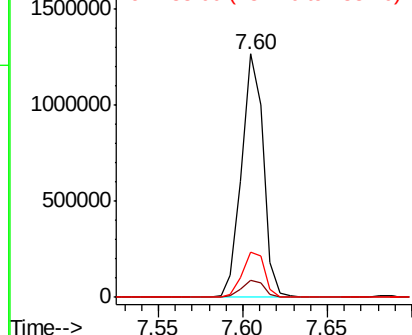
82 100

95 7.2 5.9 8.9

138 18.8 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 43.538 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

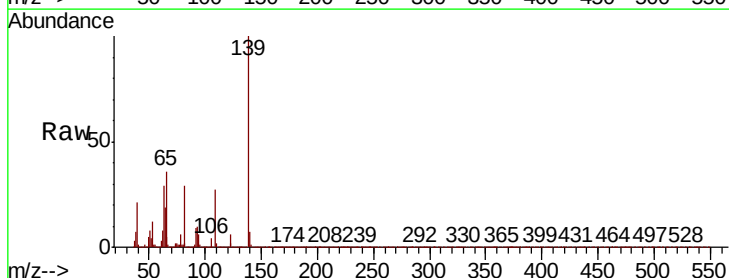
Tgt Ion: 139 Resp: 332784

Ion Ratio Lower Upper

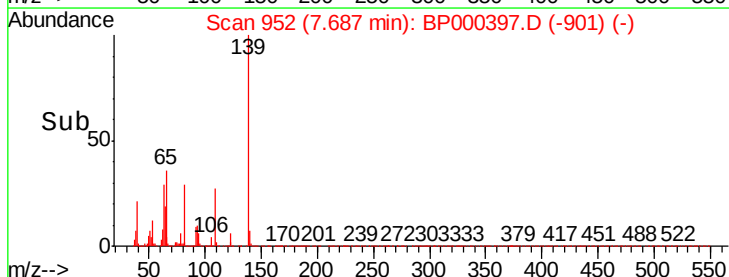
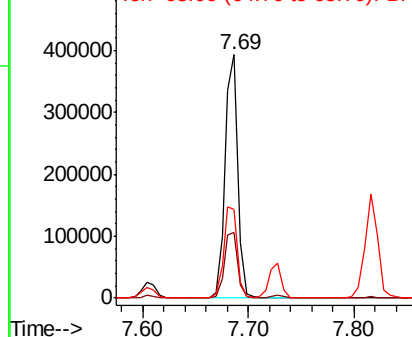
139 100

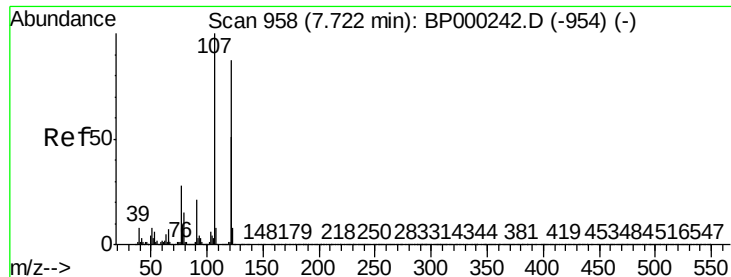
109 26.7 21.8 32.6

65 36.3 30.5 45.7



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): BP0





#27

2,4-Dimethylphenol

Concen: 46.772 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

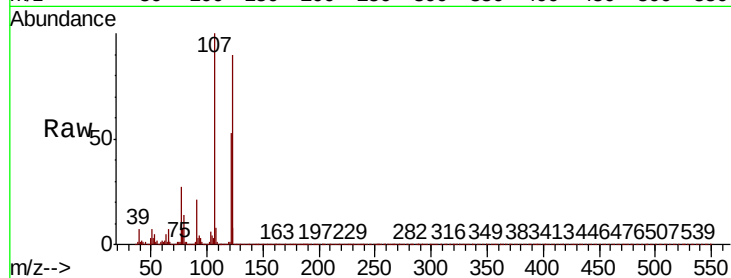
Tot Ion:122 Resp: 569466

Ion Ratio Lower Upper

122 100

107 111.2 91.5 137.3

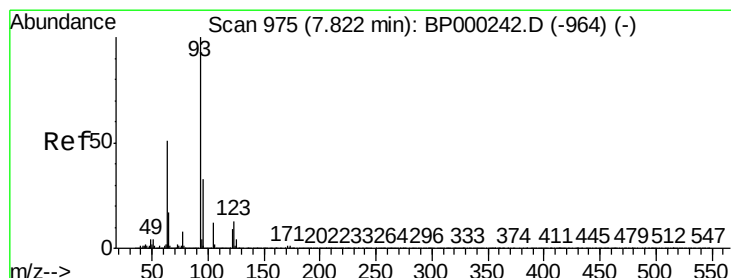
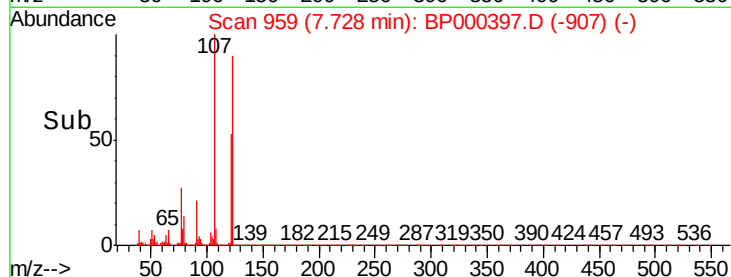
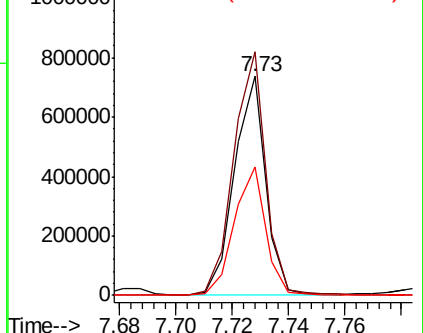
121 58.4 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.190 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

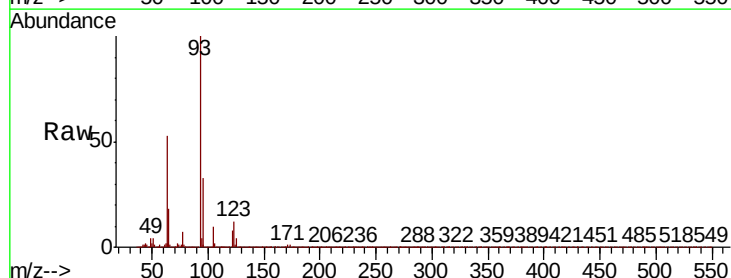
Tgt Ion: 93 Resp: 753016

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

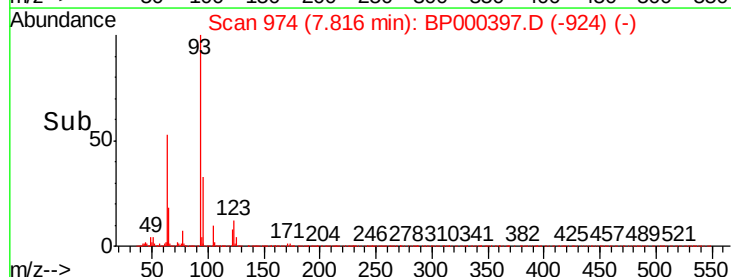
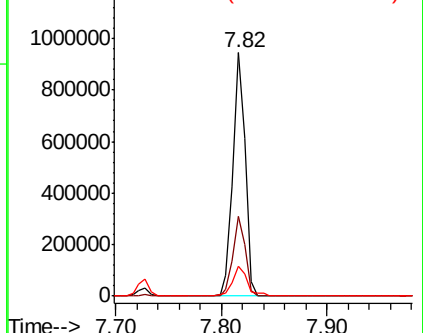
123 12.1 10.2 15.2

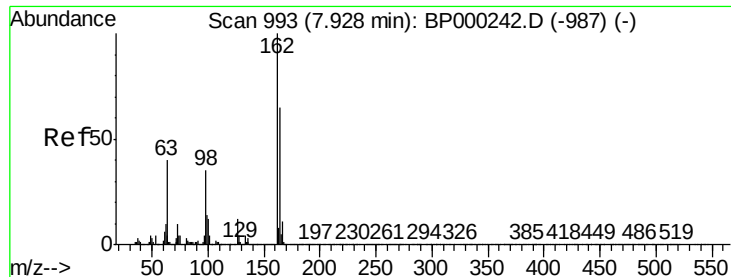


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

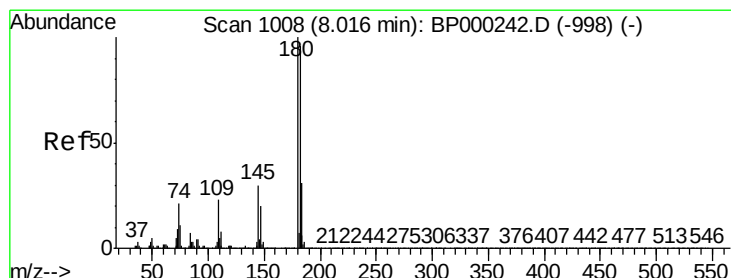
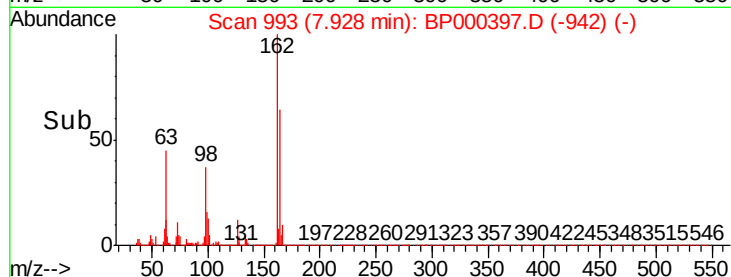
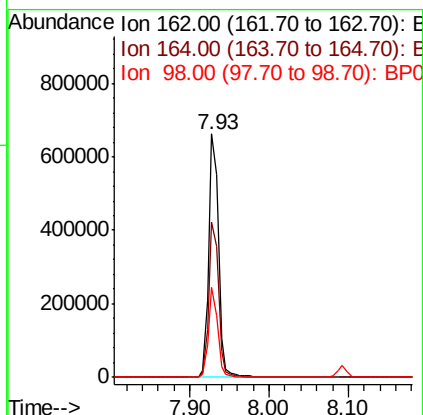
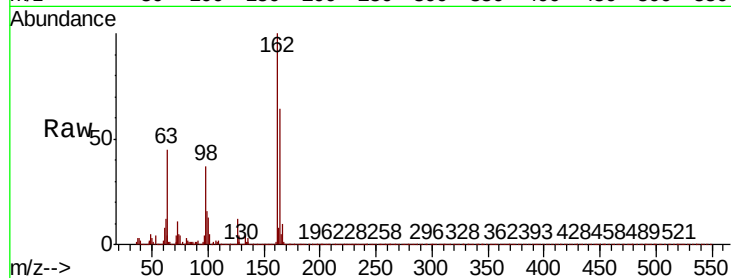




#29
2,4-Dichlorophenol
Concen: 43.656 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

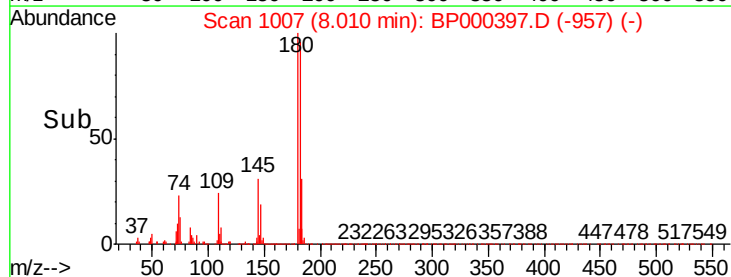
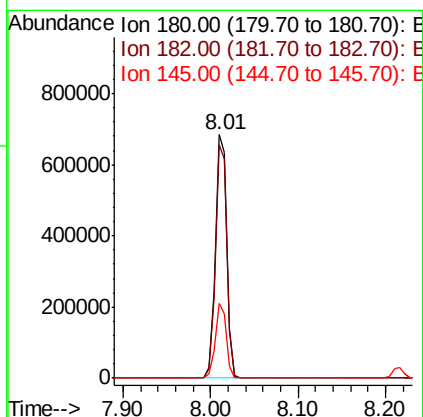
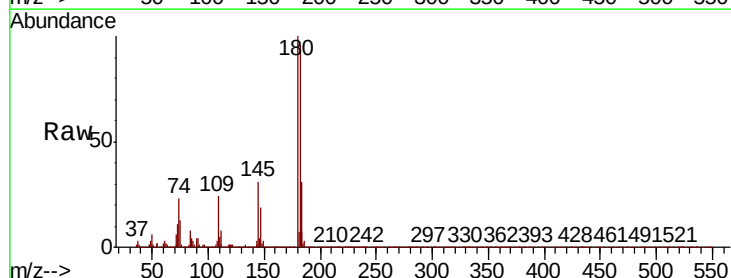
Instrument :
BNA_P
ClientSampleId :
PB123345BS

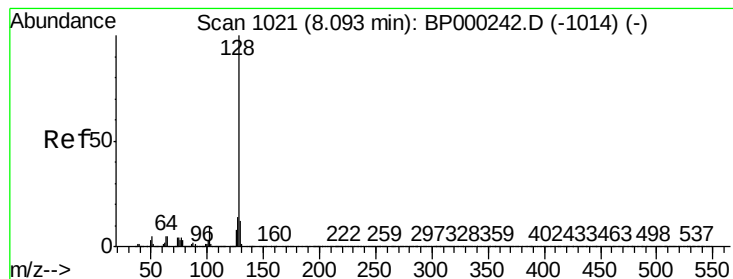
Tot Ion:162 Resp: 569674
Ion Ratio Lower Upper
162 100
164 63.7 44.5 84.5
98 37.0 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 41.013 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:180 Resp: 613425
Ion Ratio Lower Upper
180 100
182 96.1 77.2 115.8
145 30.7 24.3 36.5





#31

Naphthalene

Concen: 43.785 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

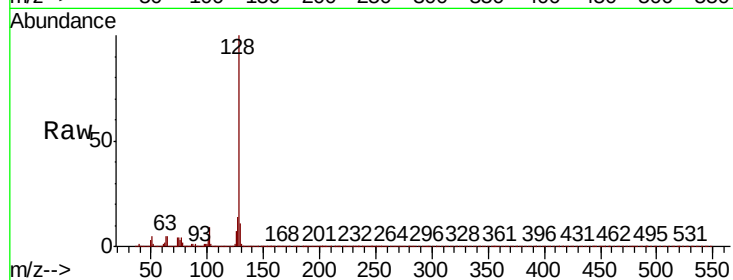
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:128 Resp: 1816125

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.5	11.0	16.6

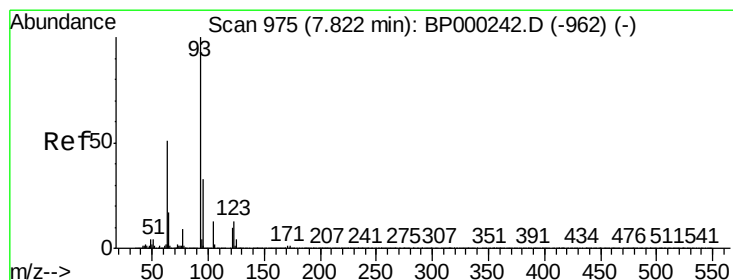
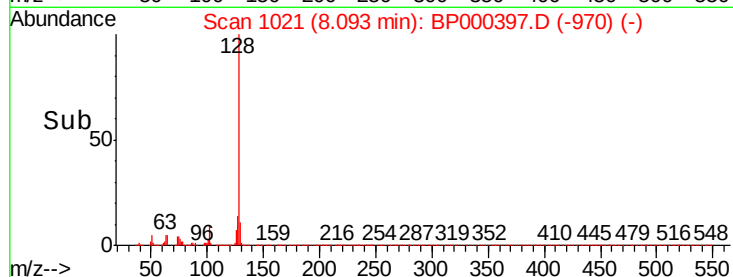
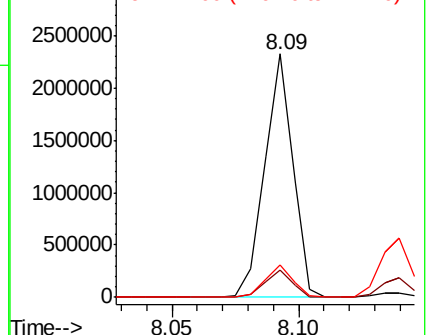


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.800 ng

RT: 7.83 min Scan# 977

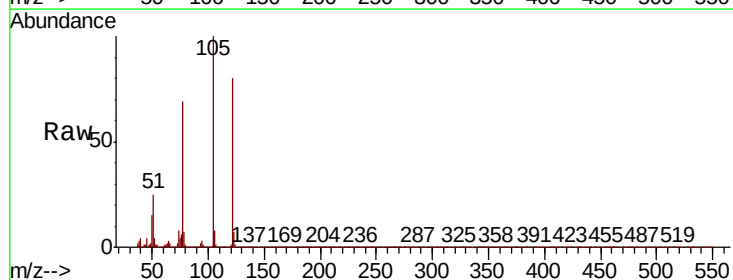
Delta R.T. 0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:122 Resp: 318964

Ion	Ratio	Lower	Upper
122	100		
105	125.5	105.4	145.4
77	86.7	65.3	105.3

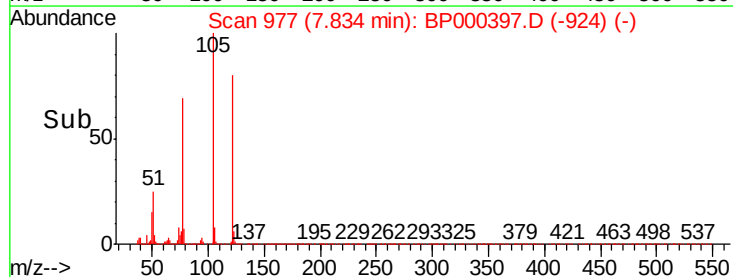
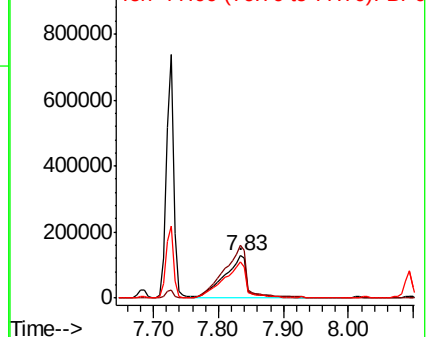


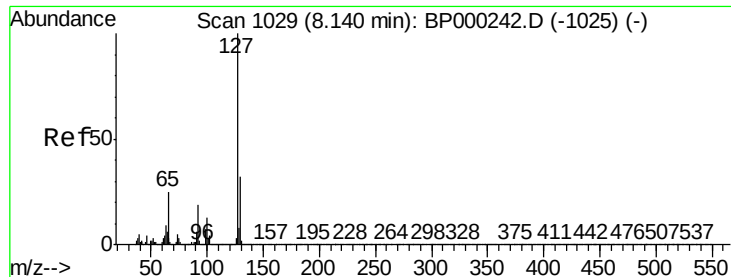
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

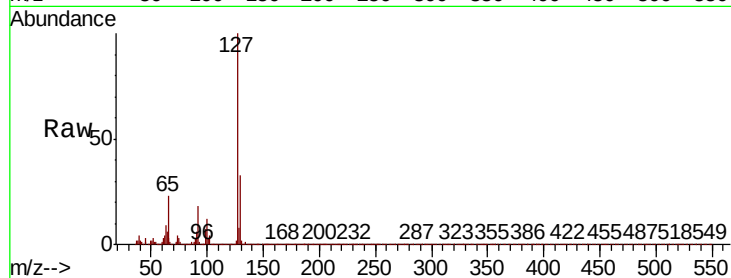




#33
4-Chloroaniline
Concen: 26.708 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
PB123345BS

Tot Ion:	127	Resp:	501351
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	23.1	19.9	29.9
92	17.9	15.4	23.0



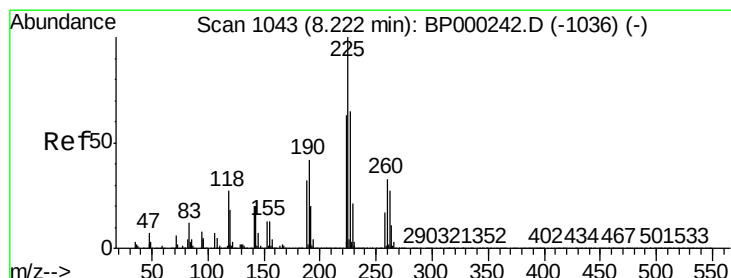
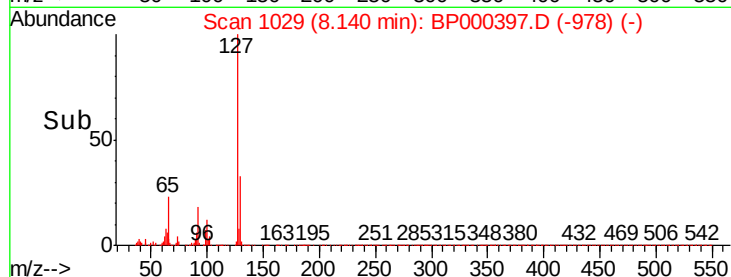
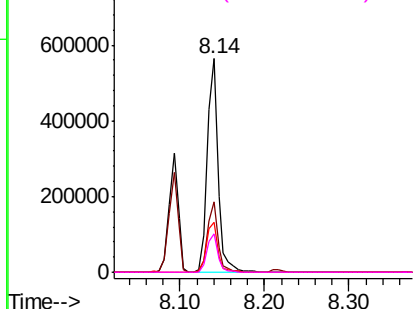
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

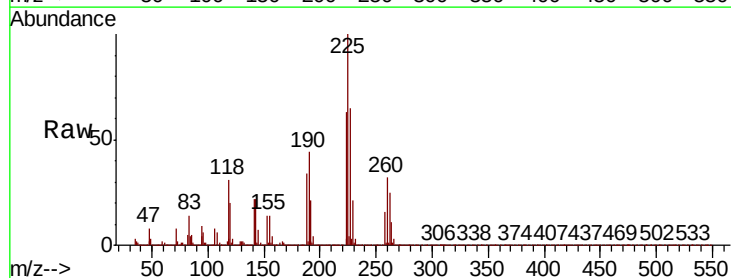
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 39.957 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:	225	Resp:	354106
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.8	51.8	77.6

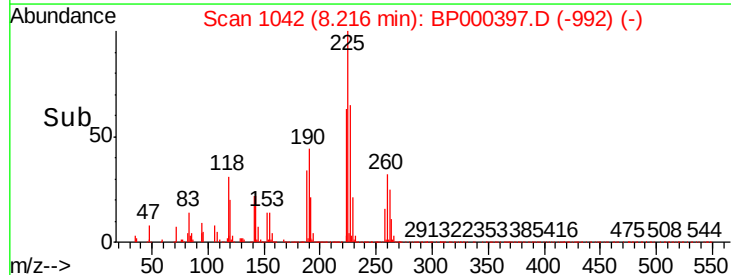
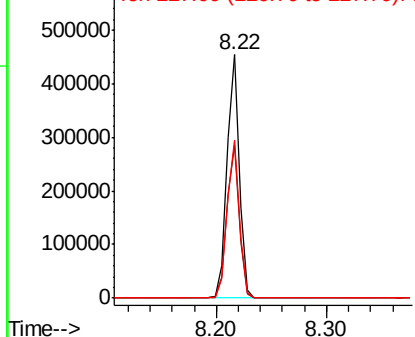


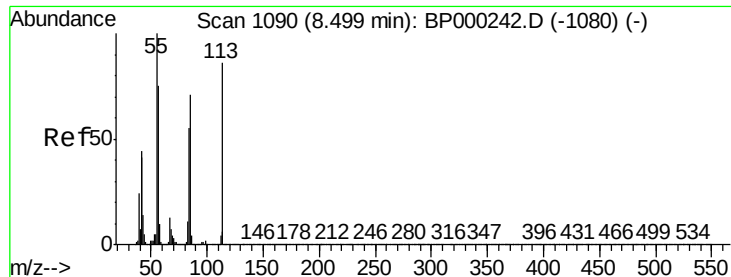
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

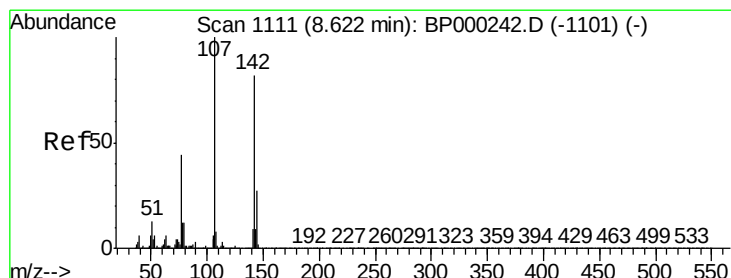
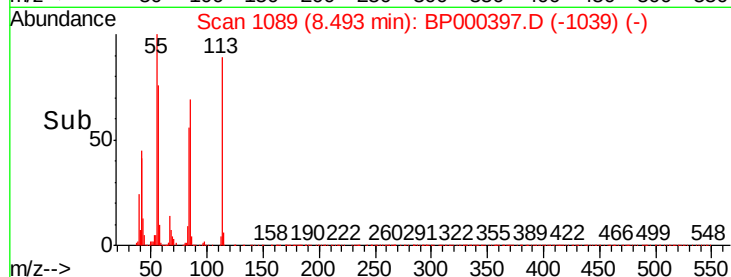
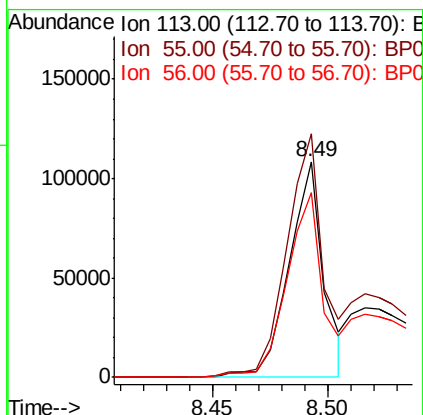
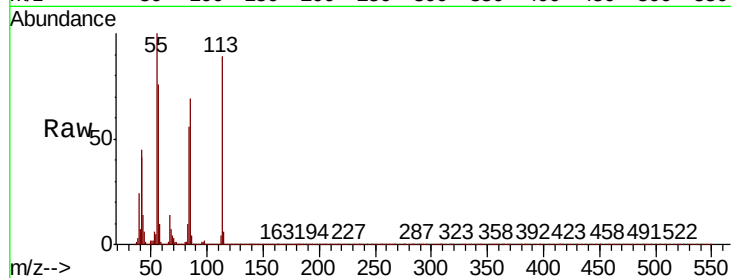




#35
Caprolactam
Concen: 25.075 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

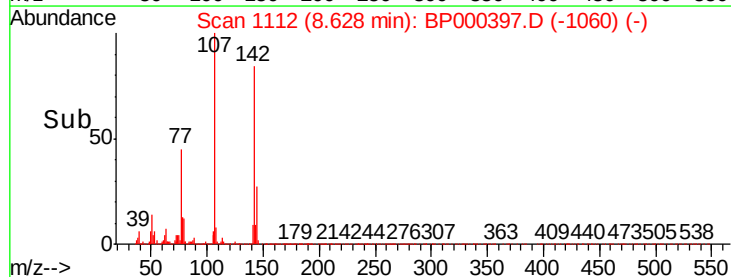
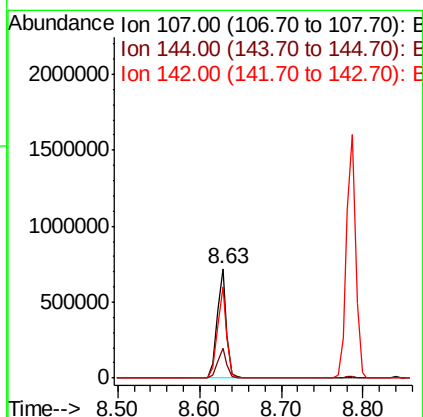
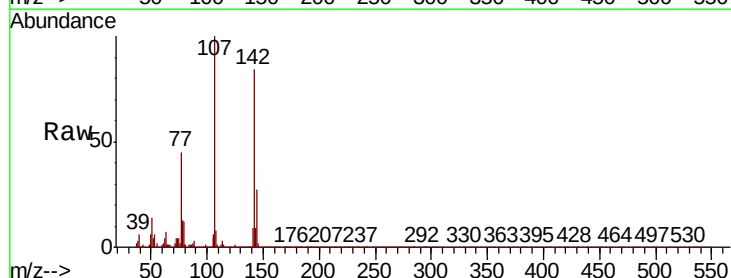
Instrument :
BNA_P
ClientSampleId :
PB123345BS

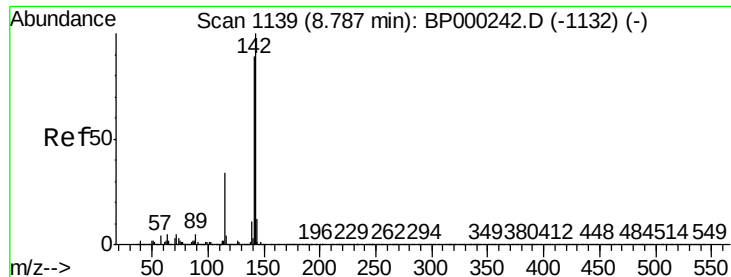
Tot Ion:113 Resp: 111307
Ion Ratio Lower Upper
113 100
55 112.9 96.8 136.8
56 85.8 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 43.018 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:107 Resp: 569849
Ion Ratio Lower Upper
107 100
144 27.2 21.5 32.3
142 83.6 65.7 98.5



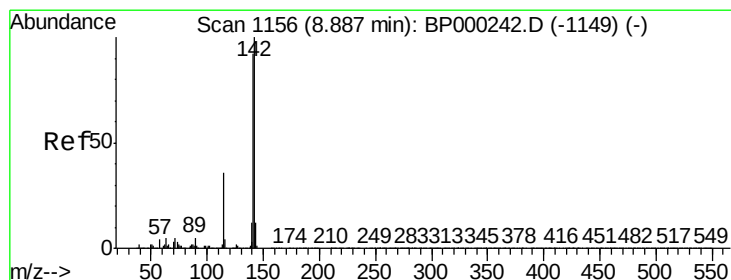
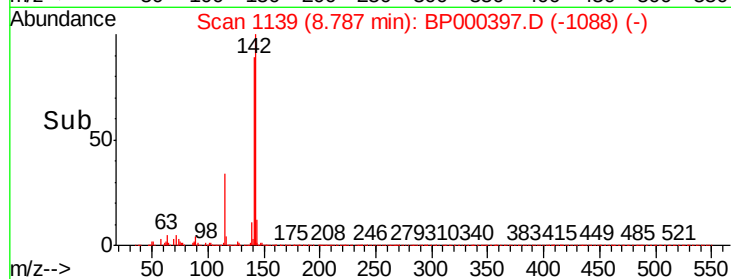
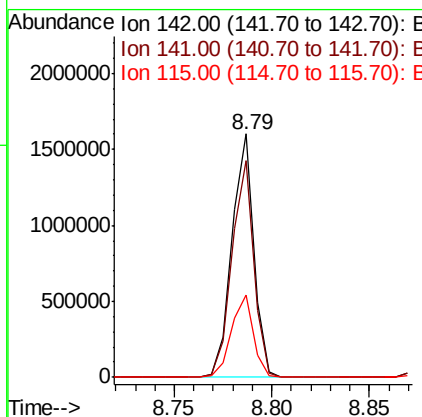
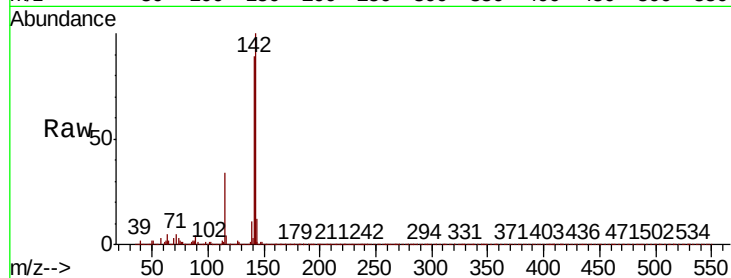


#37
 2-Methylnaphthalene
 Concen: 44.018 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :
 PB123345BS

Tot Ion:142 Resp: 1248132

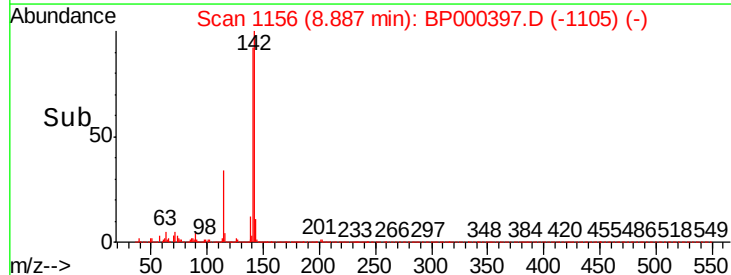
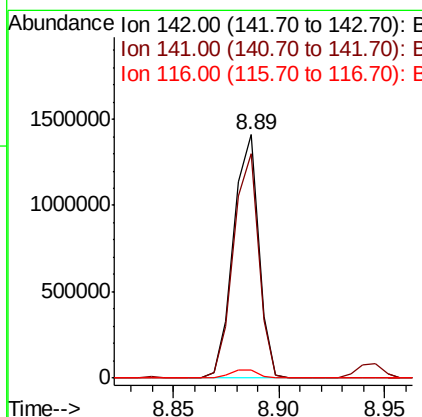
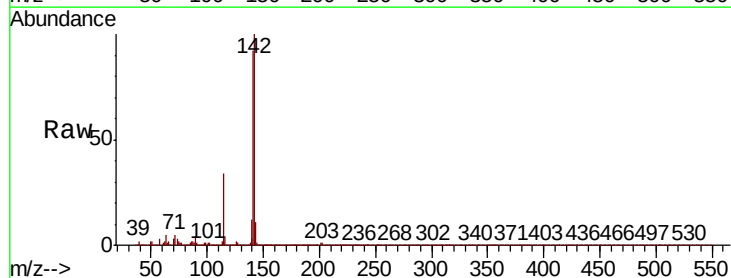
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	33.7	27.2	40.8

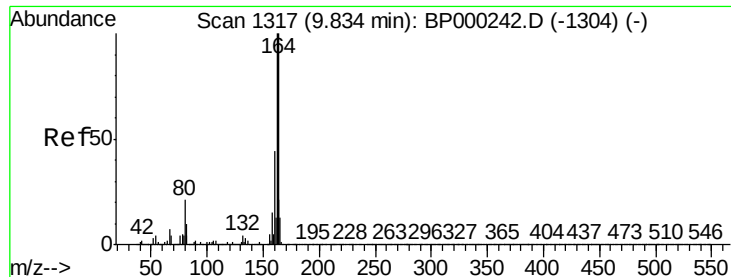


#38
 1-Methylnaphthalene
 Concen: 43.729 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Tgt Ion:142 Resp: 1161510

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9
116	3.5	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: BP000397.D

Acq: 24 Sep 2019 21:02

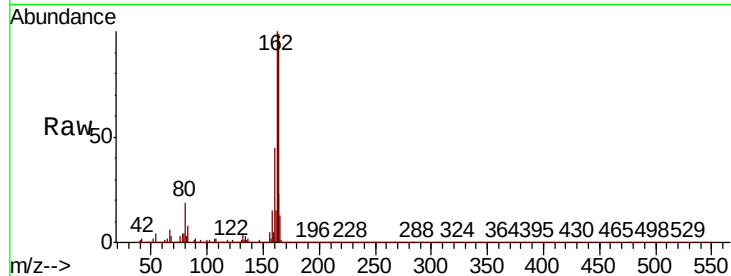
Instrument :

BNA_P

ClientSampleId :

PB123345BS

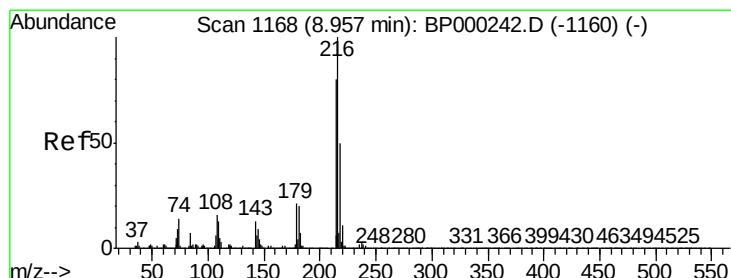
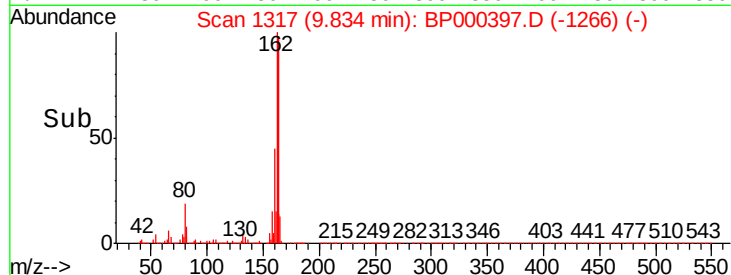
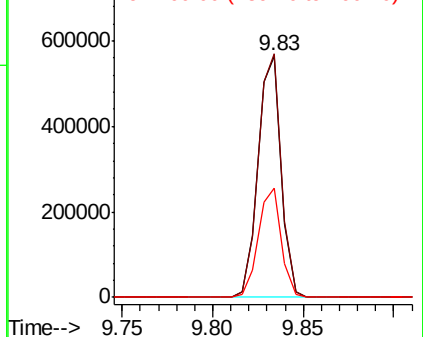
Tot Ion:164	Resp:	498171
Ion Ratio	Lower	Upper
164	100	
162	100.8	79.9 119.9
160	45.4	35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.514 ng

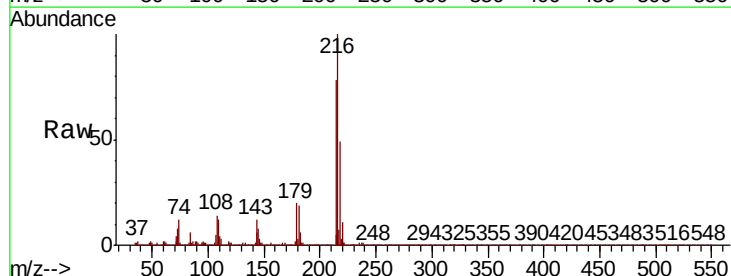
RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:216	Resp:	619793
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.6 95.4
179	21.0	17.0 25.4
108	19.7	15.1 22.7

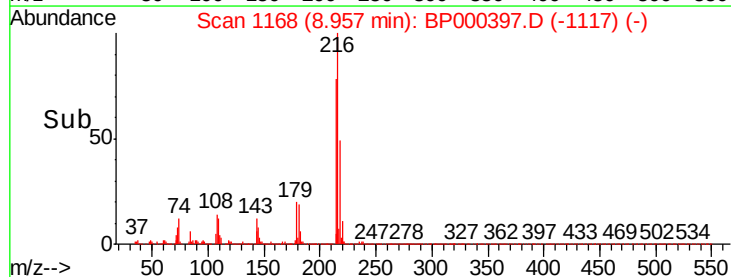
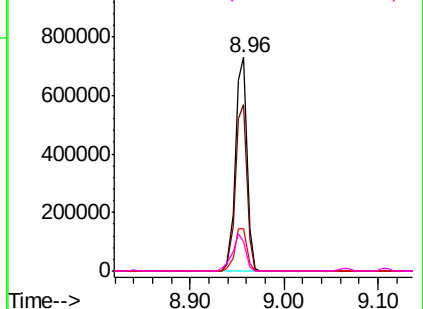


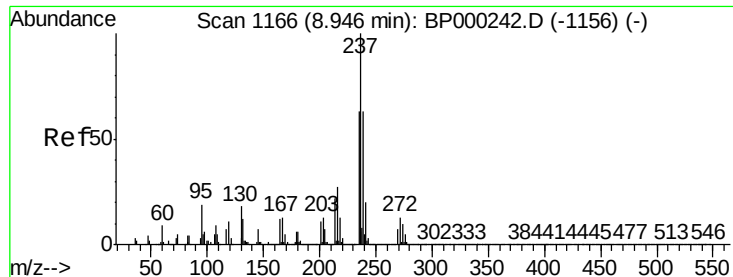
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.620 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

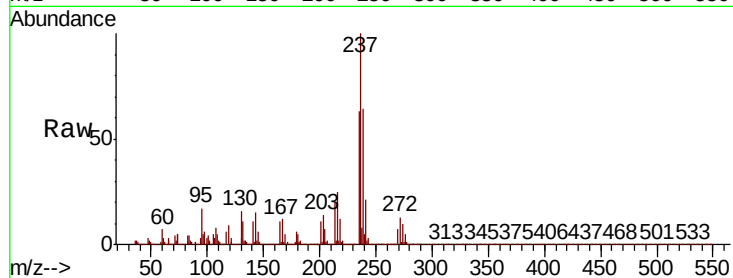
Tot Ion:237 Resp: 577609

Ion Ratio Lower Upper

237 100

235 63.4 43.5 83.5

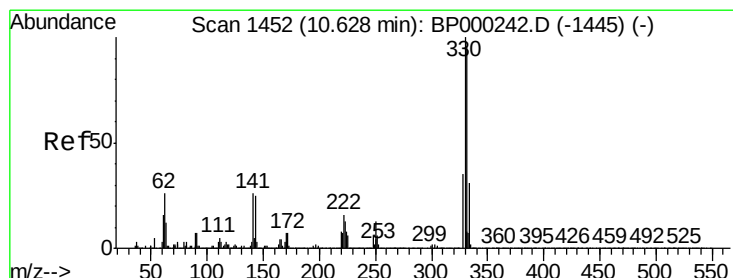
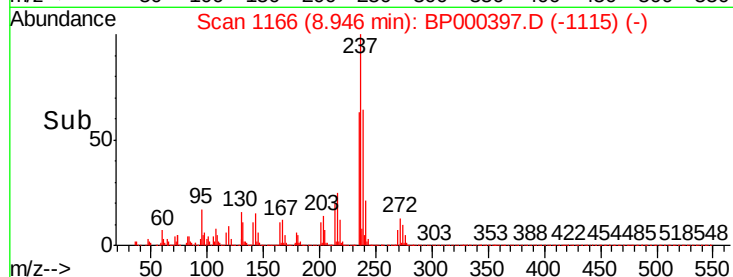
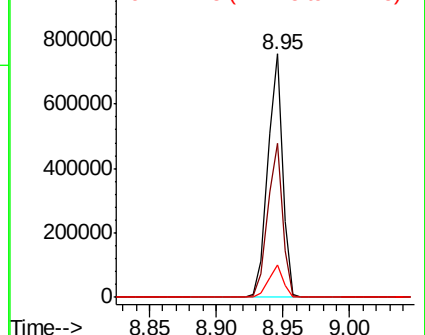
272 13.3 0.0 33.0



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: 112.848 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

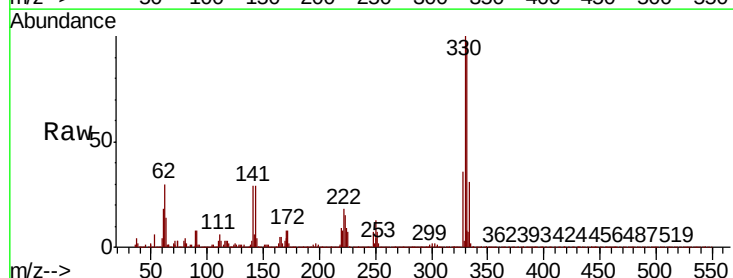
Tgt Ion:330 Resp: 557602

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

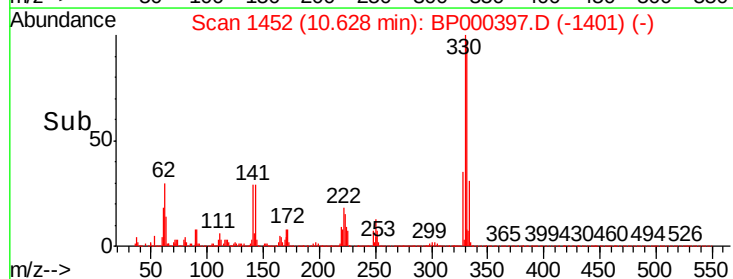
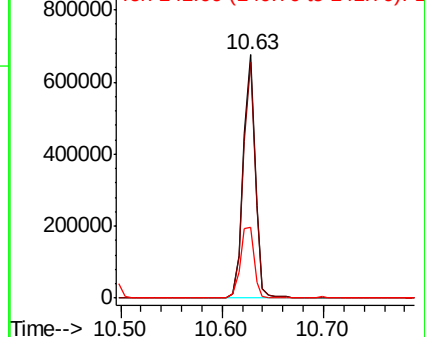
141 33.6 26.5 39.7

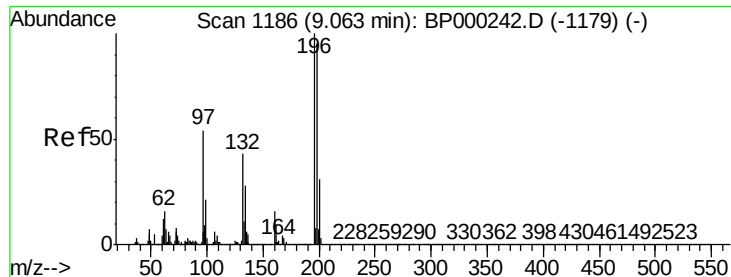


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

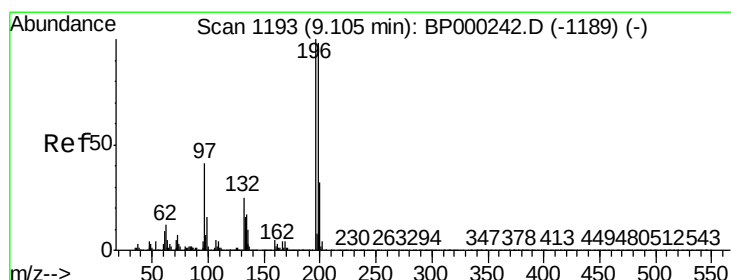
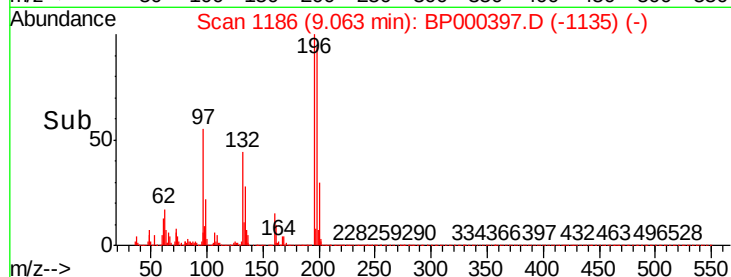
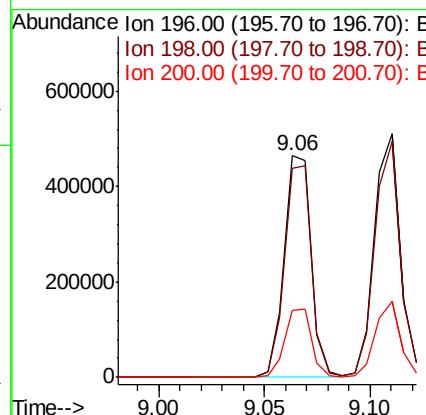
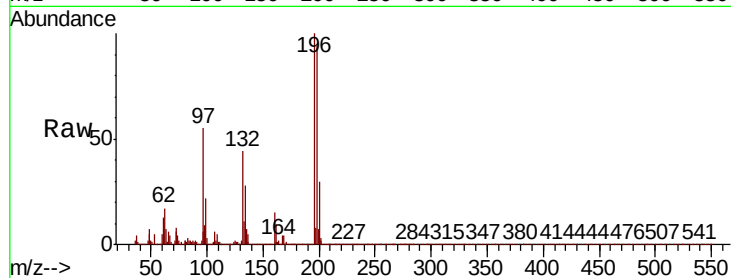




#43
 2,4,6-Trichlorophenol
 Concen: 42.010 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

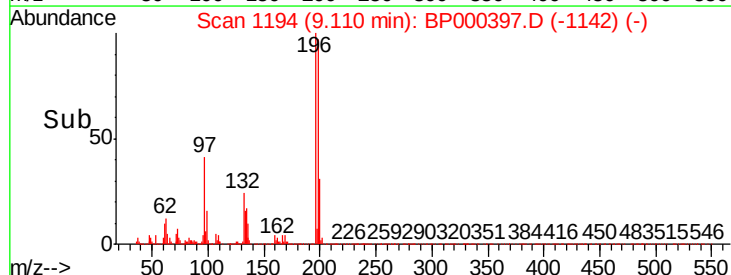
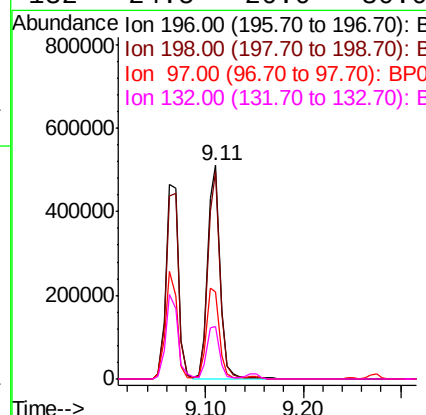
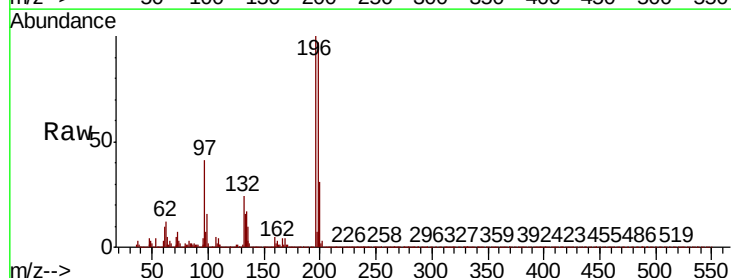
Instrument :
 BNA_P
 ClientSampleId :
 PB123345BS

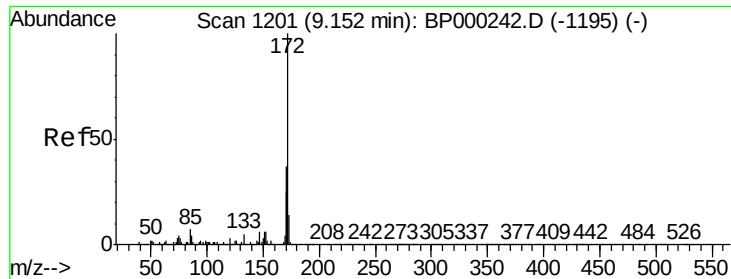
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.0	114.0
200	30.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.509 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.1	117.1
97	40.8	33.3	49.9
132	24.5	20.0	30.0

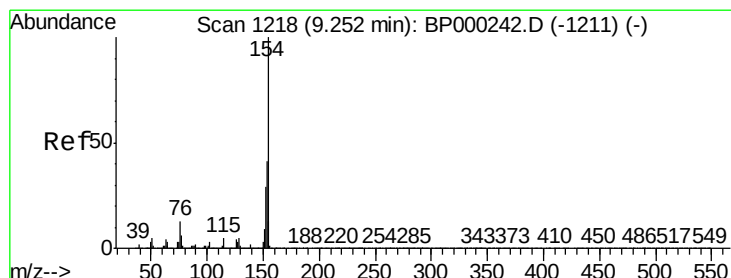
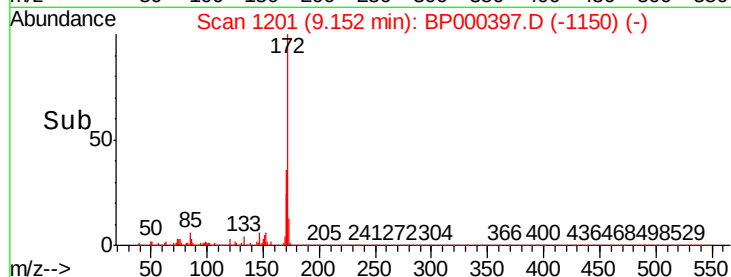
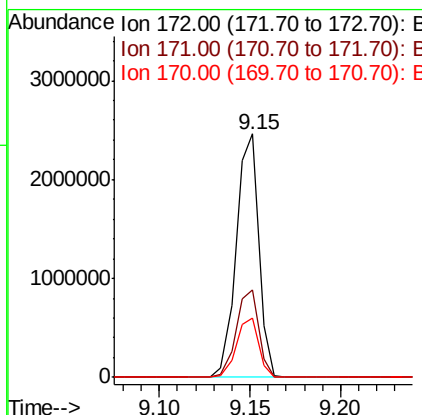
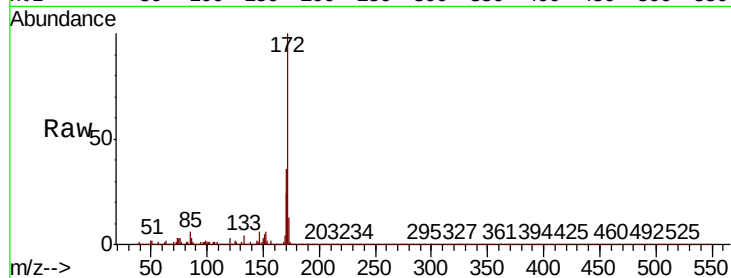




#45
2-Fluorobiphenyl
Concen: 77.023 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

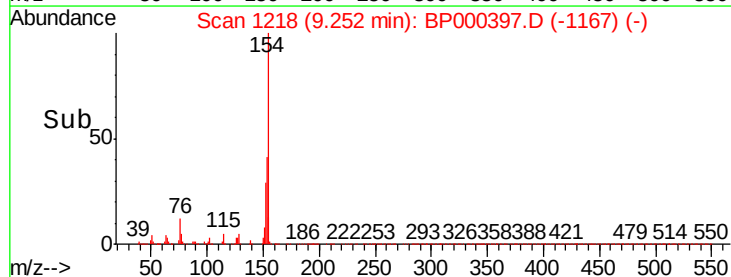
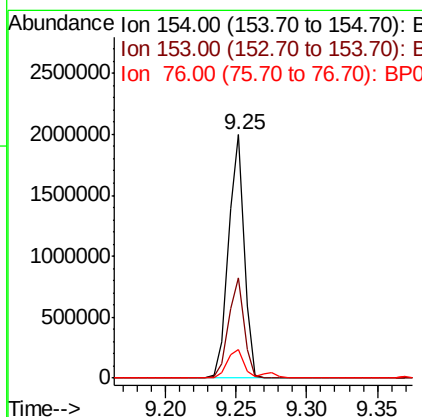
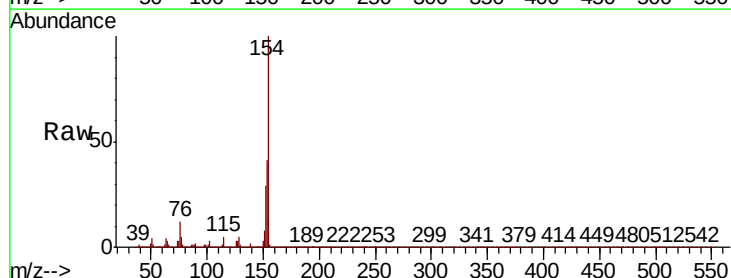
Instrument :
BNA_P
ClientSampleId :
PB123345BS

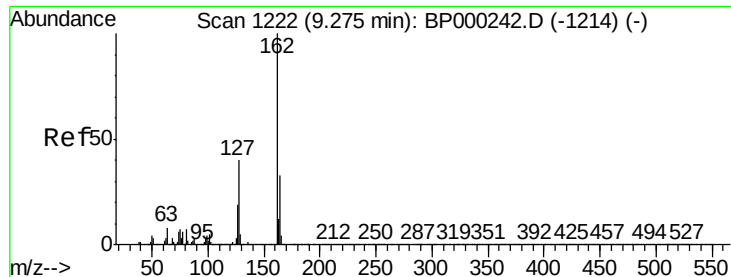
Tot Ion:172 Resp: 2131933
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 44.421 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:154 Resp: 1530856
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 11.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 41.704 ng

RT: 9.28 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

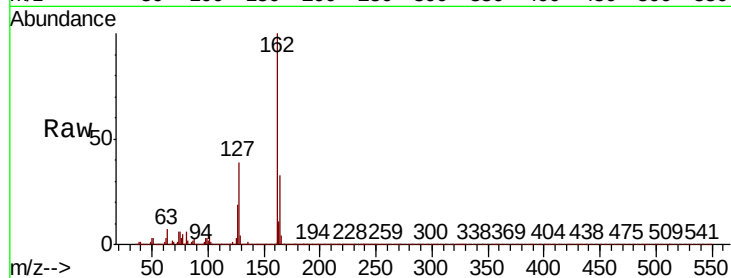
Tot Ion:162 Resp: 1205623

Ion Ratio Lower Upper

162 100

127 38.5 32.4 48.6

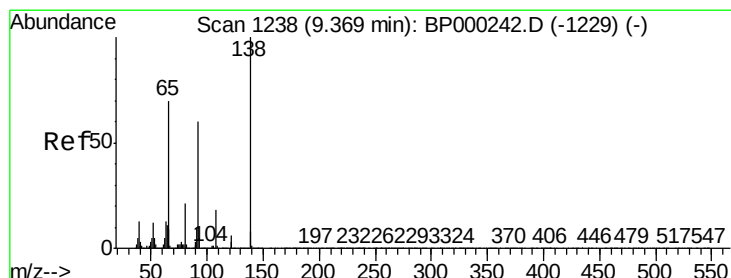
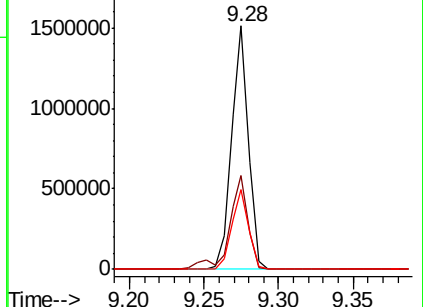
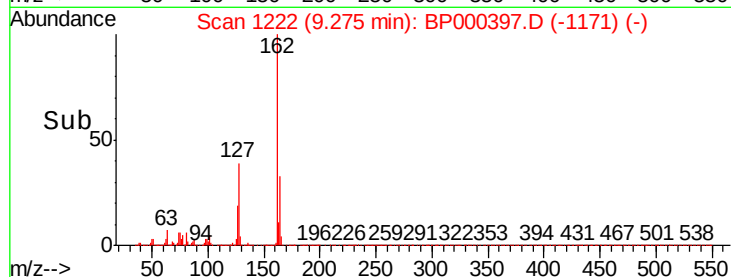
164 32.9 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.579 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

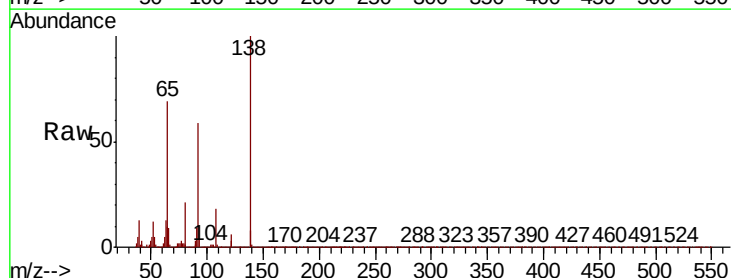
Tgt Ion: 65 Resp: 297909

Ion Ratio Lower Upper

65 100

92 86.8 68.7 103.1

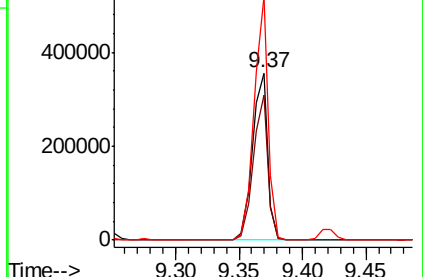
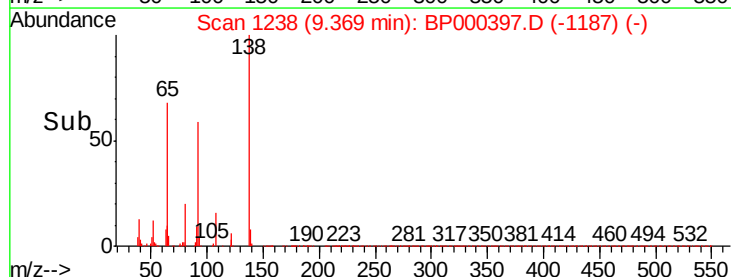
138 145.9 114.4 171.6

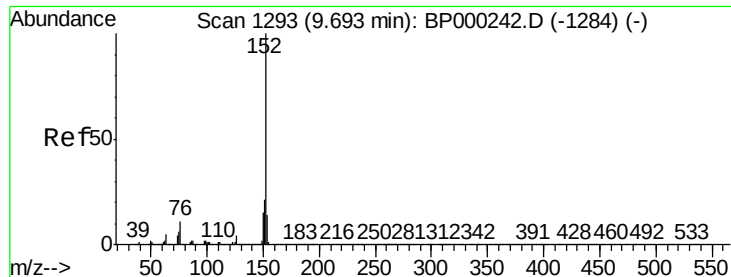


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.567 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

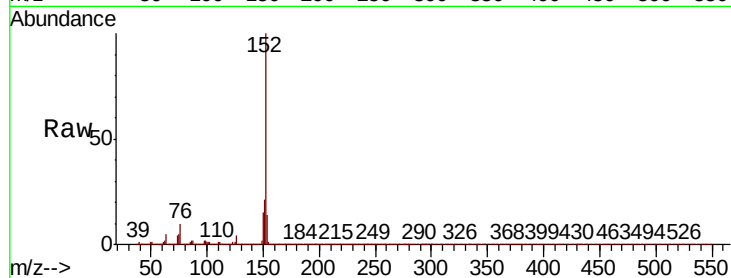
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:152 Resp: 1893257

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.5	11.0	16.4

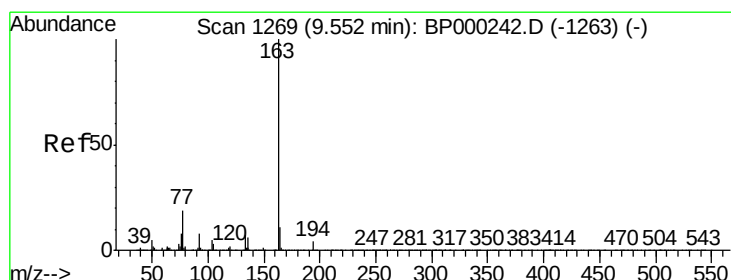
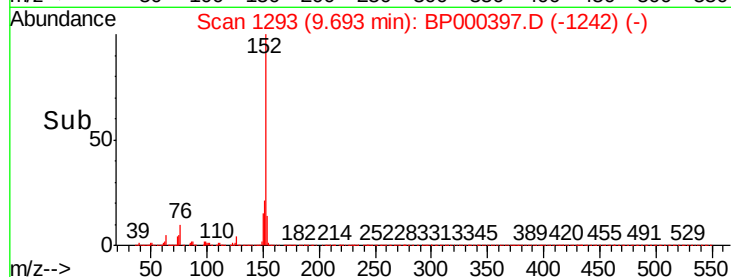
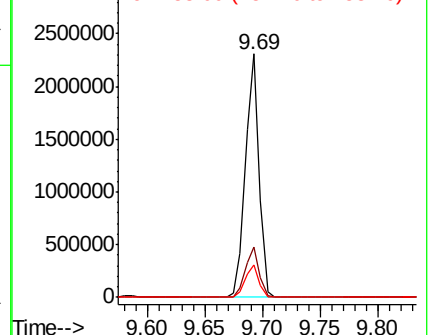


Abundance

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: 41.575 ng

RT: 9.55 min Scan# 1269

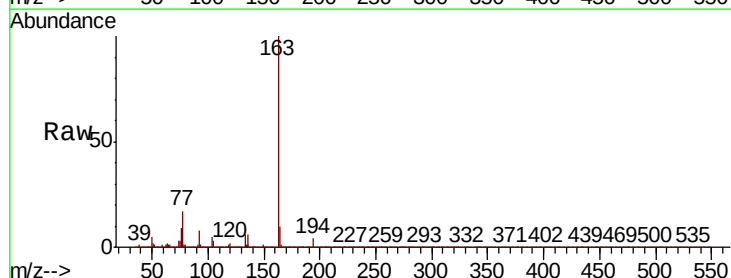
Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:163 Resp: 1411106

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.3	8.5	12.7

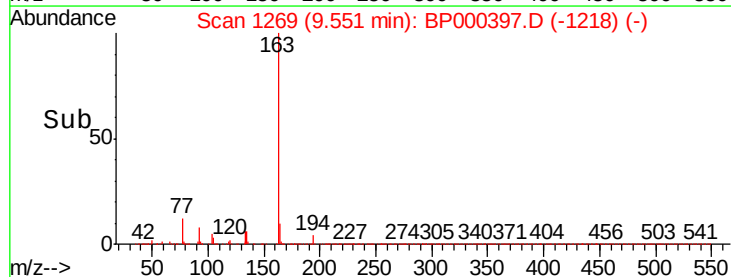
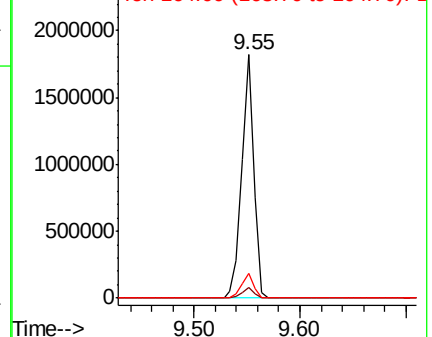


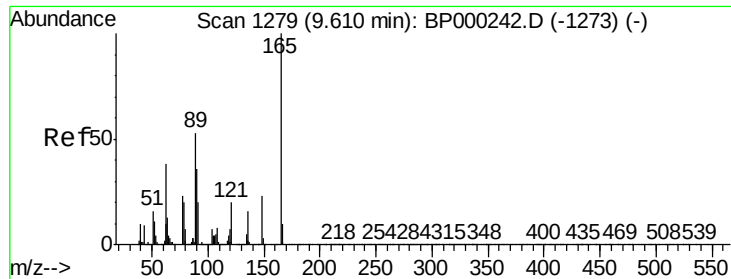
Abundance

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: 43.409 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

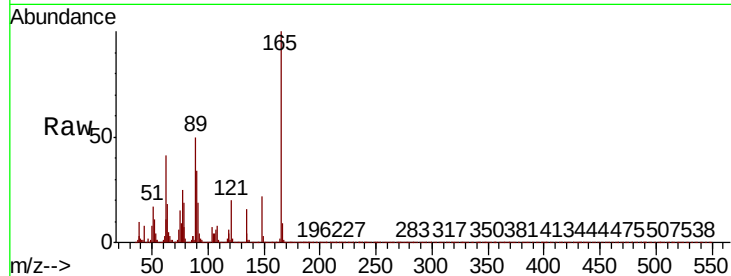
Tot Ion:165 Resp: 323959

Ion Ratio Lower Upper

165 100

63 41.2 35.8 53.8

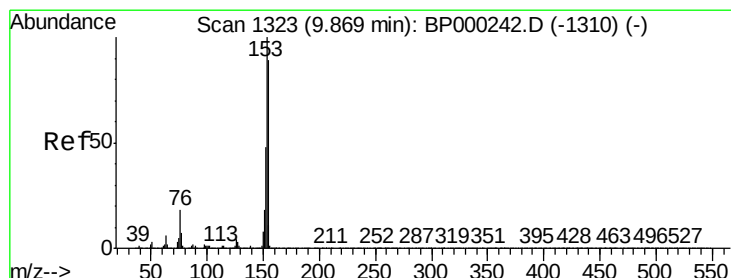
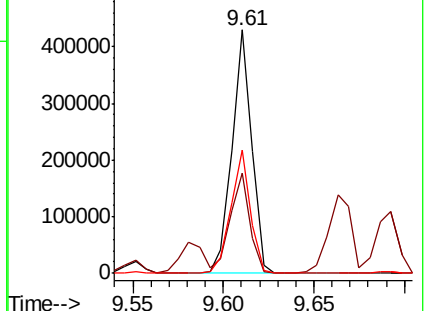
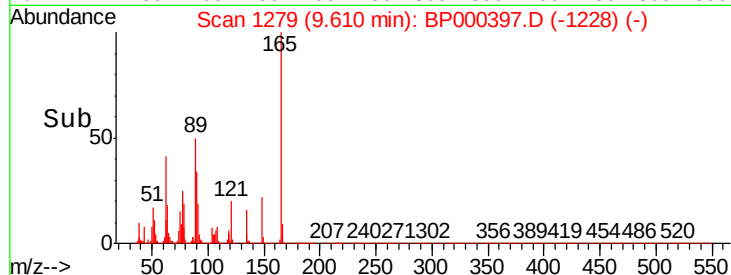
89 50.5 42.6 63.8



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: 40.355 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

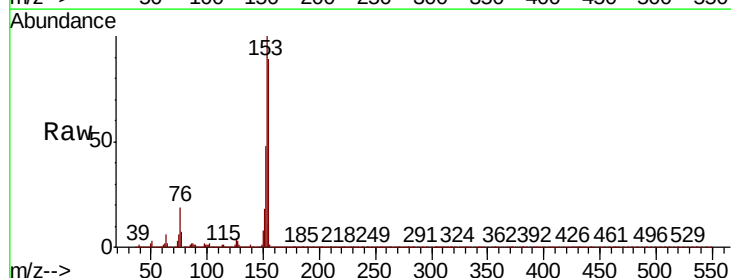
Tgt Ion:154 Resp: 1106657

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

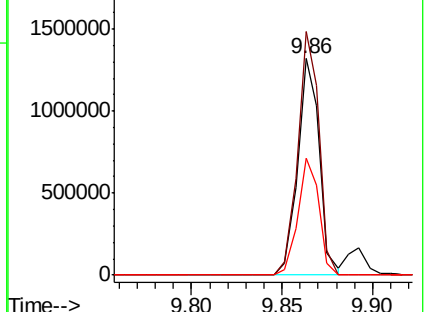
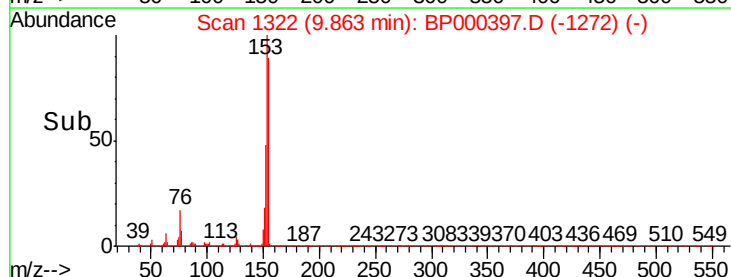
152 53.9 43.4 65.0

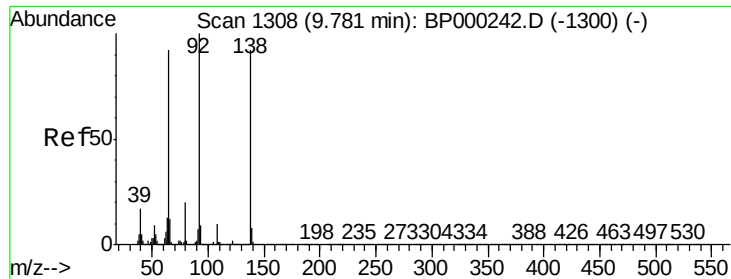


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

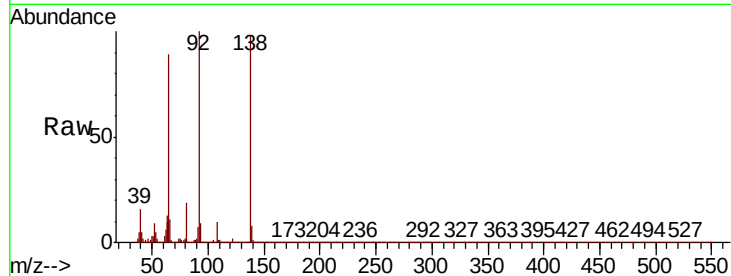




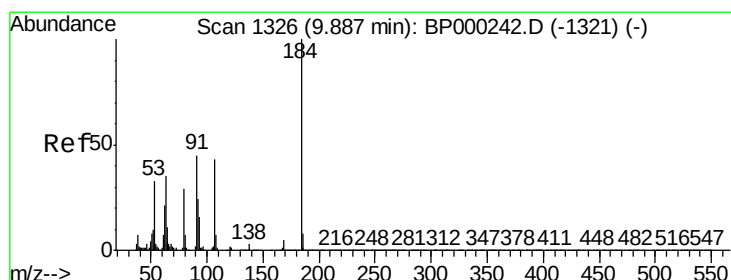
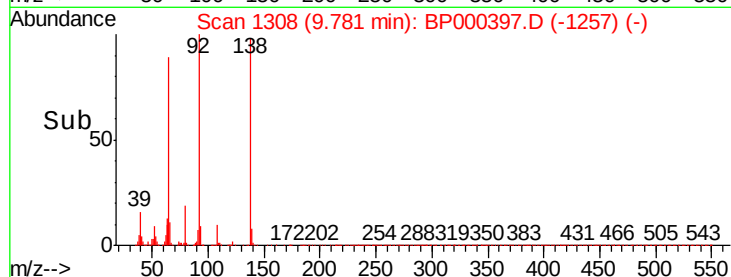
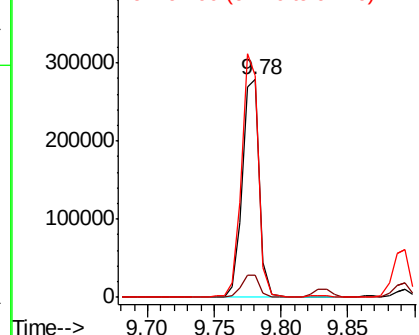
#53
3-Nitroaniline
Concen: 29.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
PB123345BS

Tot Ion:138 Resp: 251208
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 101.7 86.7 130.1

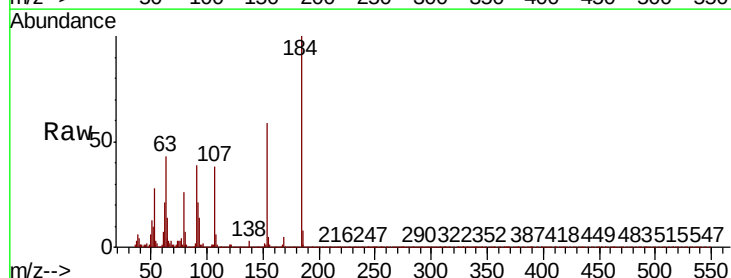


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

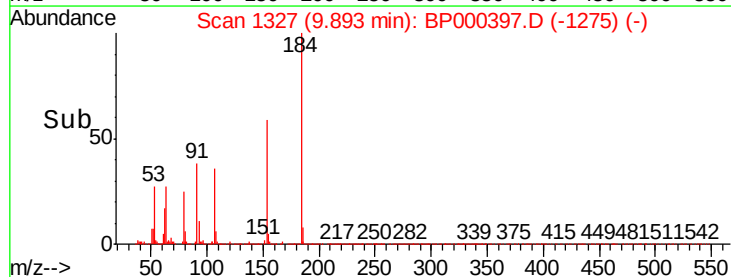
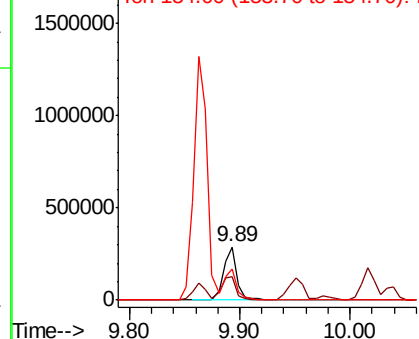


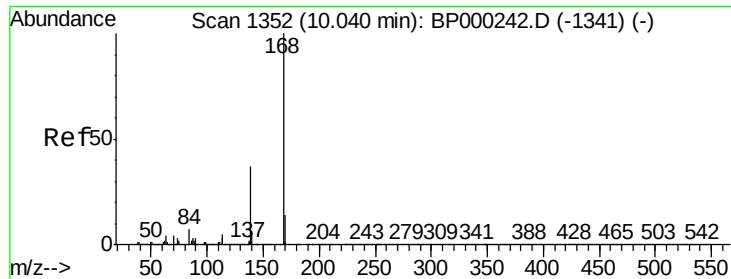
#54
2,4-Dinitrophenol
Concen: 75.121 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:184 Resp: 247680
Ion Ratio Lower Upper
184 100
63 43.1 39.5 59.3
154 58.8 48.8 73.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

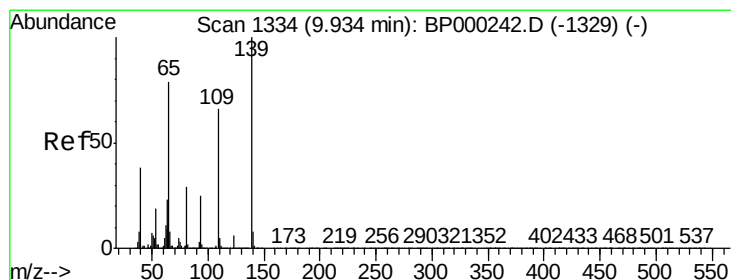
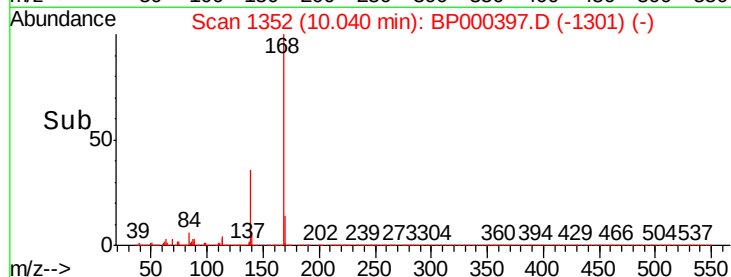
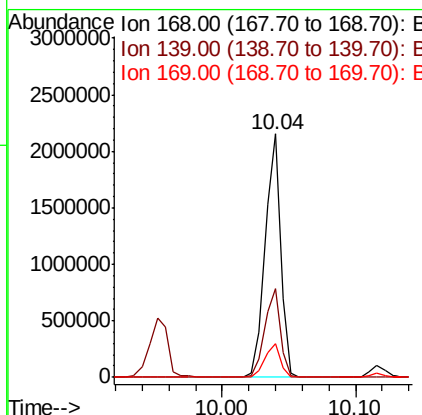
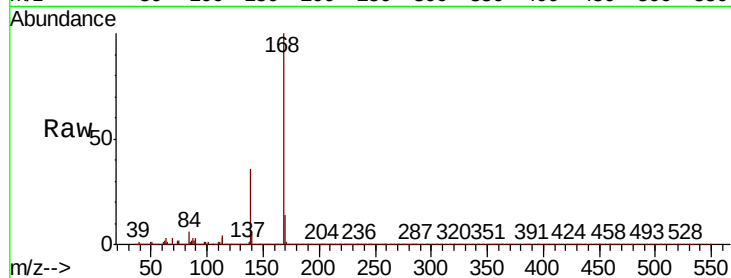




#55
Dibenzofuran
Concen: 44.379 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

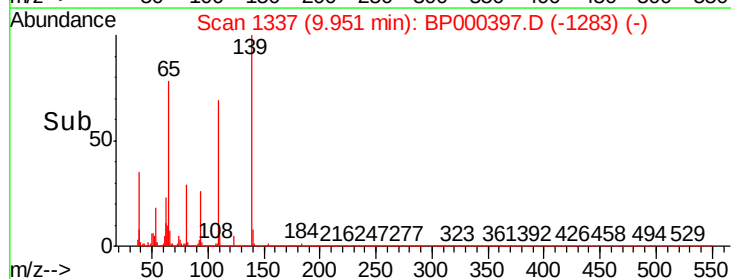
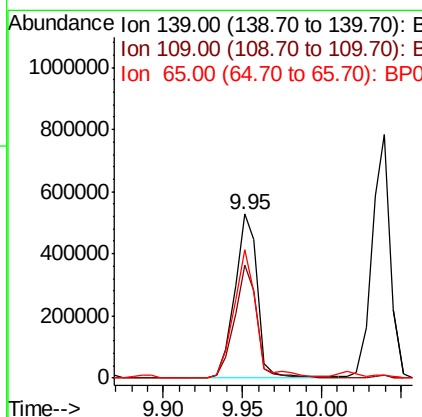
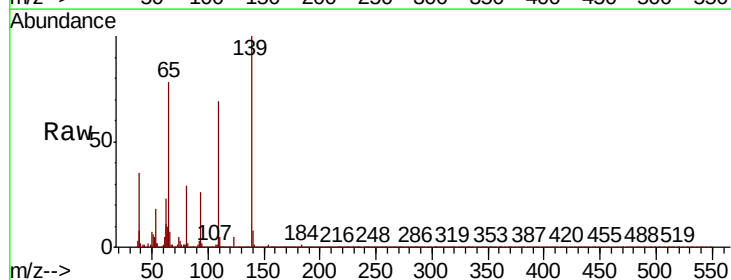
Instrument :
BNA_P
ClientSampleId :
PB123345BS

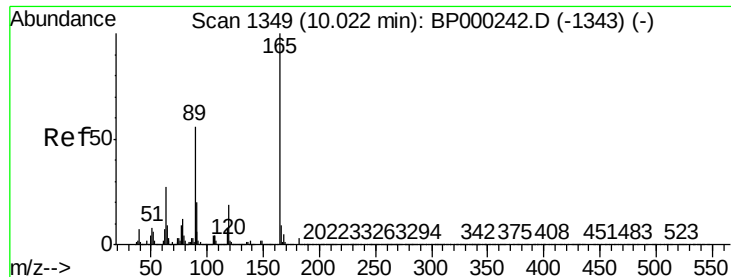
Tot Ion:168 Resp: 1720433
Ion Ratio Lower Upper
168 100
139 36.4 30.0 45.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 80.888 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:139 Resp: 521149
Ion Ratio Lower Upper
139 100
109 68.9 46.2 86.2
65 78.2 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 44.033 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

Tot Ion:165 Resp: 429598

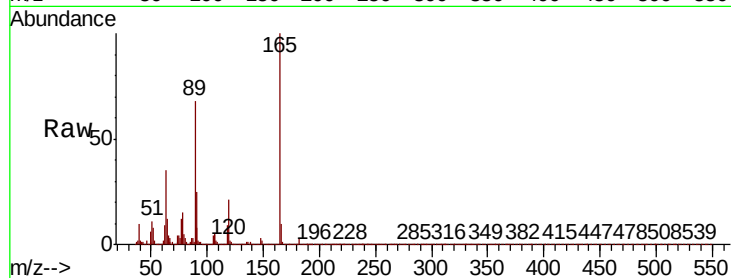
Ion Ratio Lower Upper

165 100

63 35.3 21.7 32.5#

89 67.6 45.0 67.6#

182 3.0 2.4 3.6

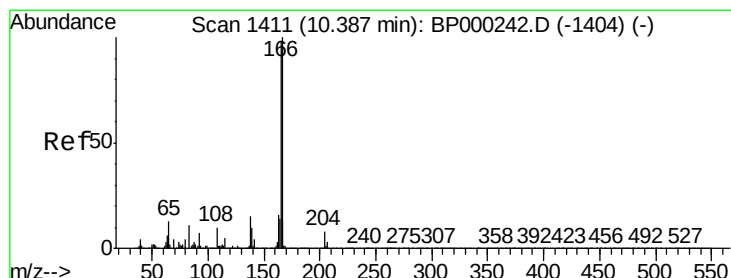
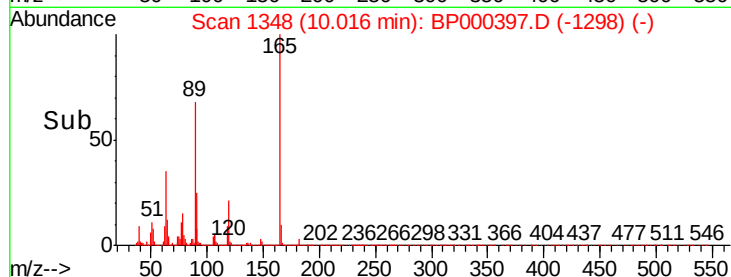
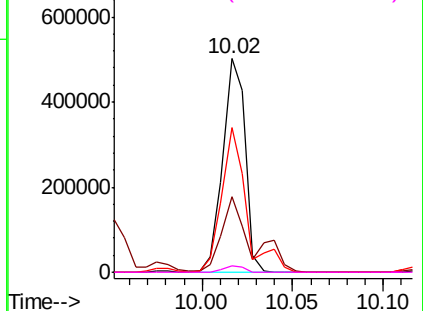


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.680 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

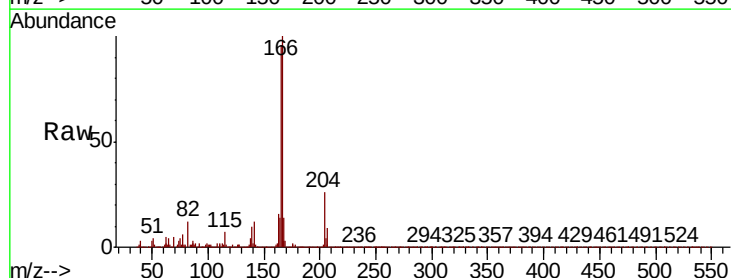
Tgt Ion:166 Resp: 1307913

Ion Ratio Lower Upper

166 100

165 96.4 78.2 117.2

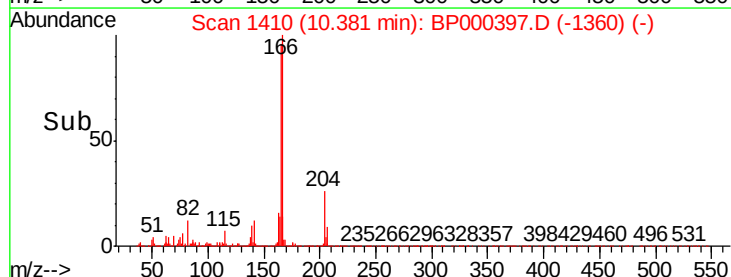
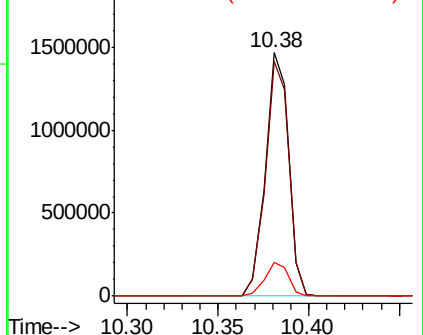
167 13.6 10.7 16.1

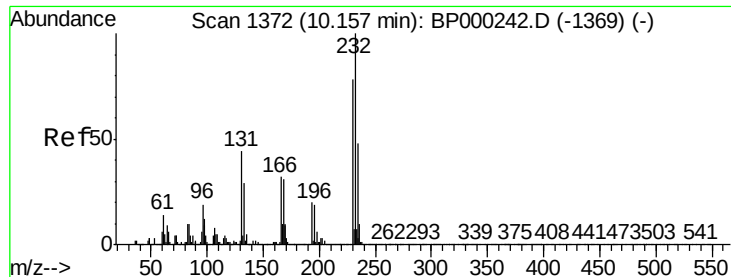


Abundance Ion 166.00 (165.70 to 166.70): E

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: 44.411 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

Tot Ion:232 Resp: 368803

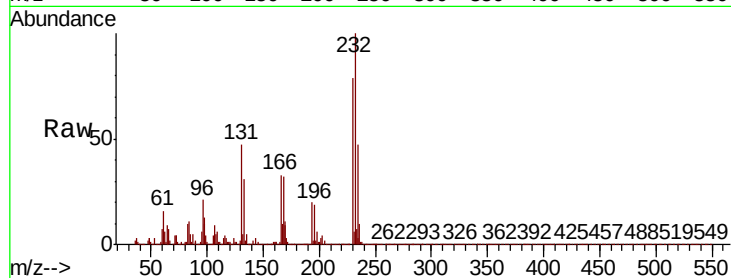
Ion Ratio Lower Upper

232 100

131 41.4 33.6 50.4

130 2.0 1.8 2.6

166 29.5 24.2 36.2

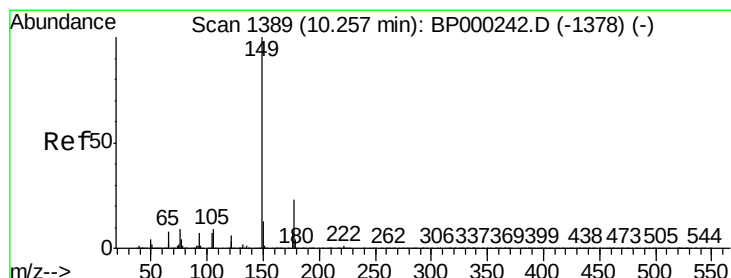
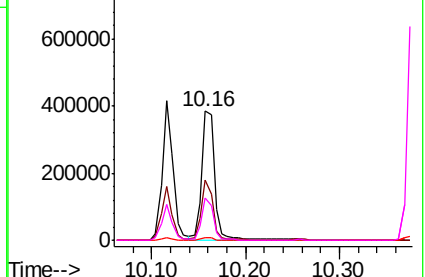
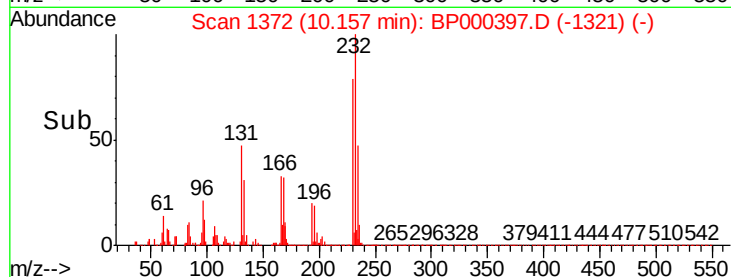


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.500 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

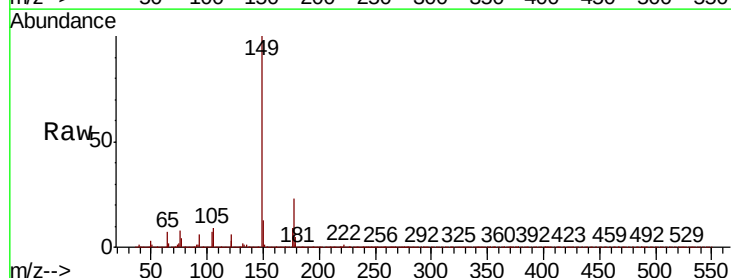
Tgt Ion:149 Resp: 1387632

Ion Ratio Lower Upper

149 100

177 23.2 18.1 27.1

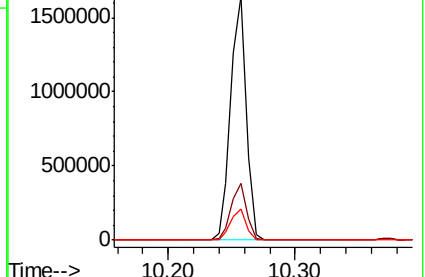
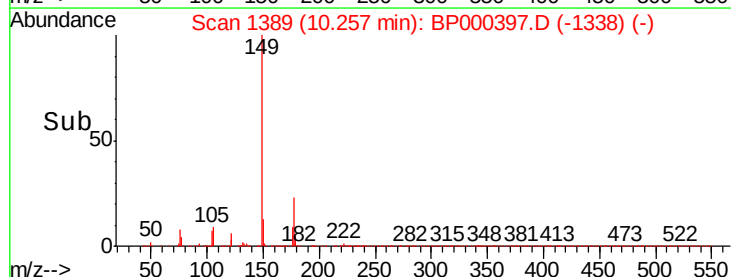
150 12.5 10.3 15.5

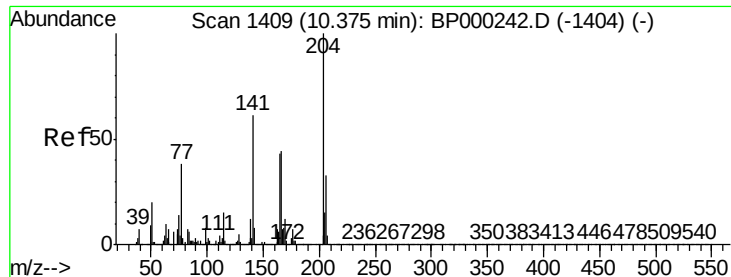


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

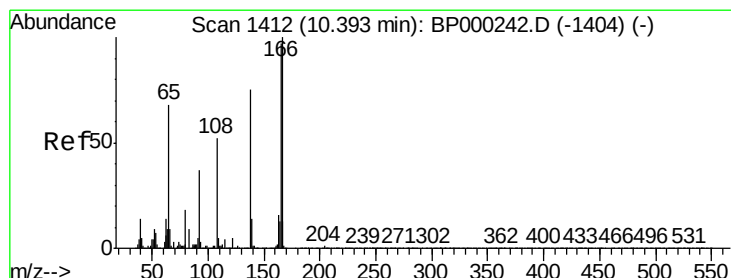
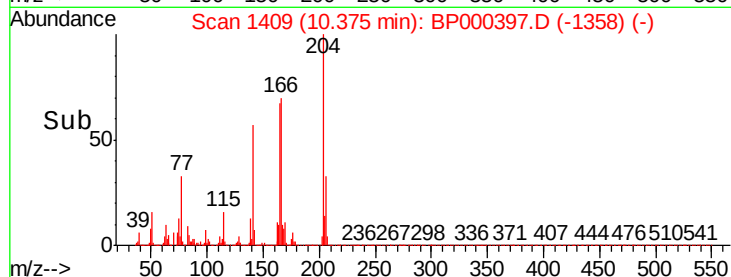
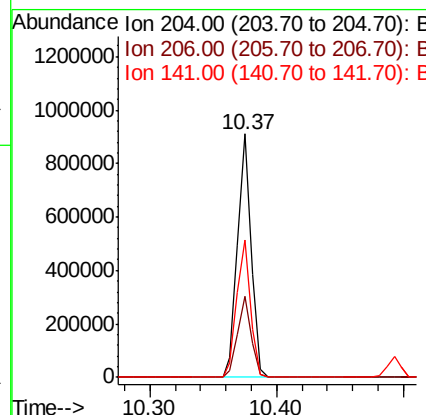
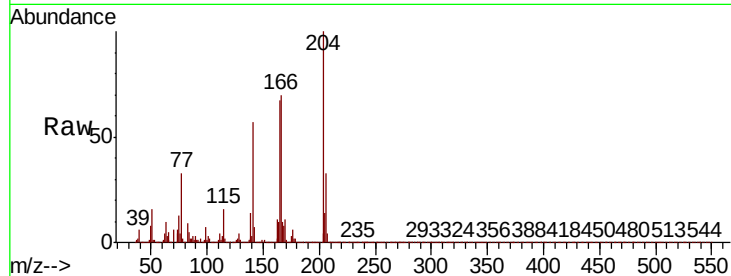




#61
4-Chlorophenyl-phenylether
Concen: 43.723 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

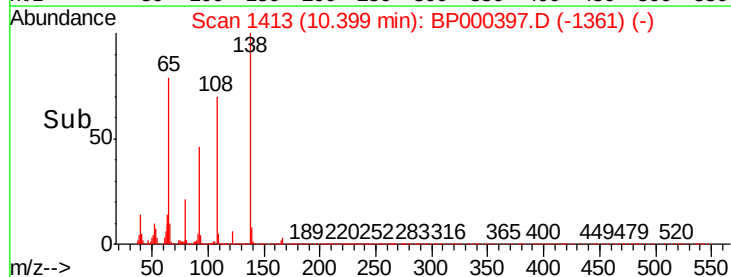
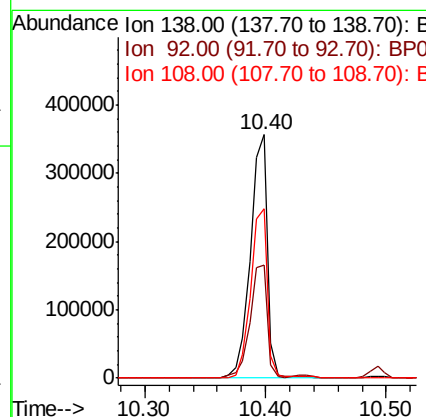
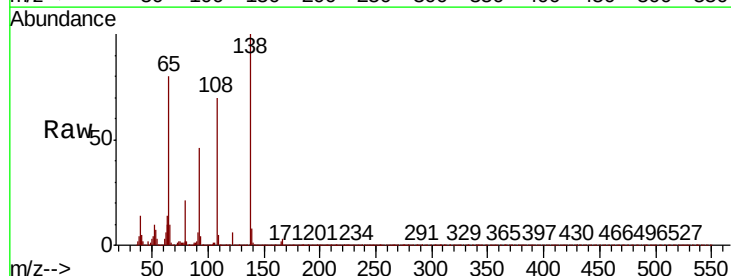
Instrument :
BNA_P
ClientSampleId :
PB123345BS

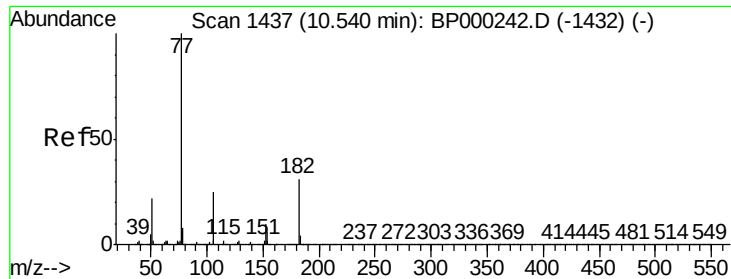
Tot Ion:204 Resp: 672026
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 56.5 48.6 72.8



#62
4-Nitroaniline
Concen: 41.300 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:138 Resp: 351887
Ion Ratio Lower Upper
138 100
92 46.2 30.1 70.1
108 69.6 49.5 89.5

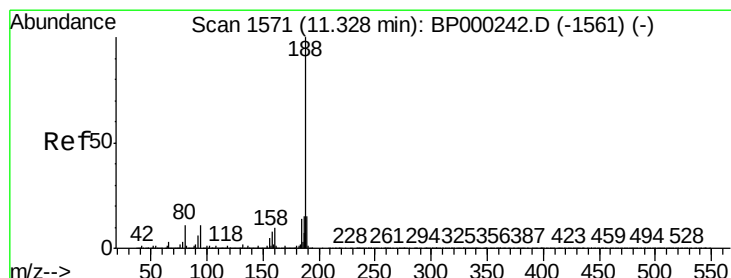
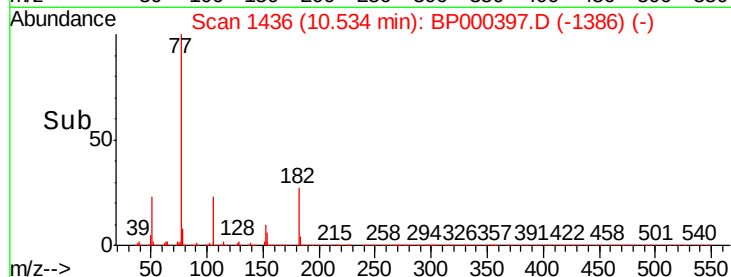
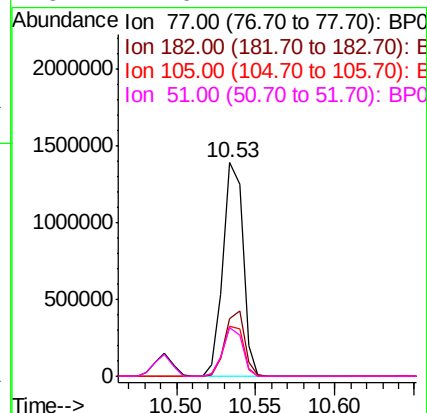
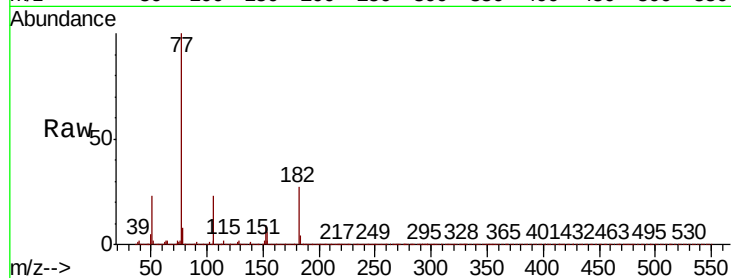




#63
Azobenzene
Concen: 44.037 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

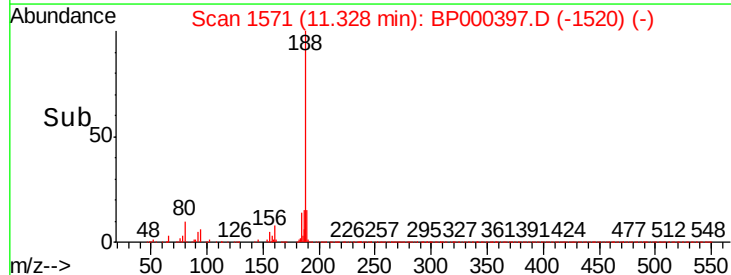
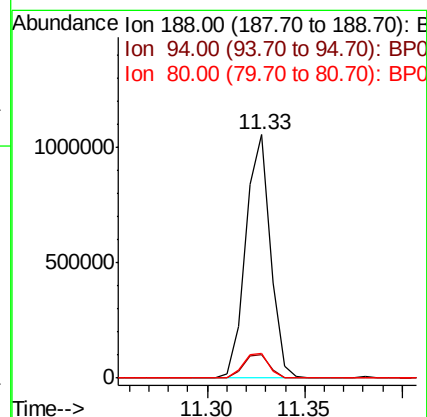
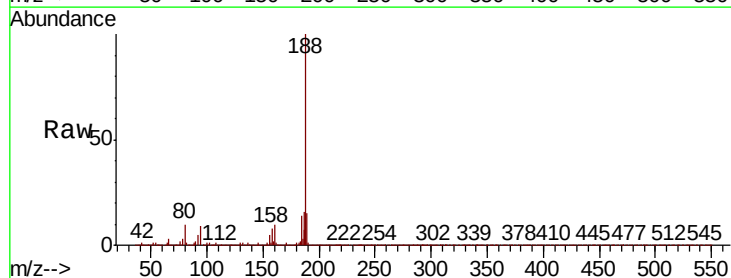
Instrument :
BNA_P
ClientSampleId :
PB123345BS

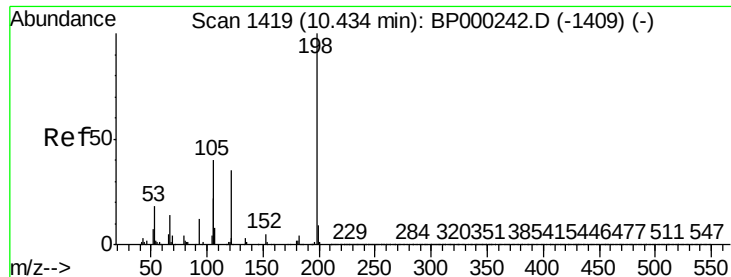
Tot Ion: 77 Resp: 1218122
Ion Ratio Lower Upper
77 100
182 26.7 11.1 51.1
105 23.2 4.7 44.7
51 22.6 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion: 188 Resp: 923815
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 8.6 13.0

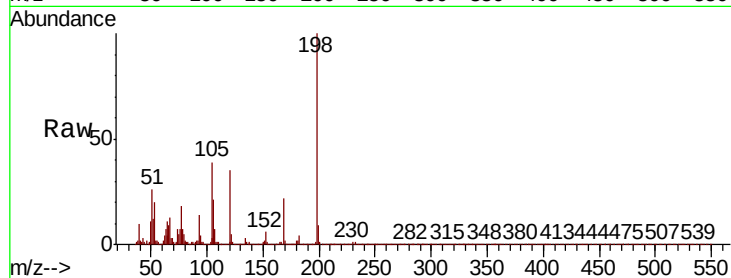




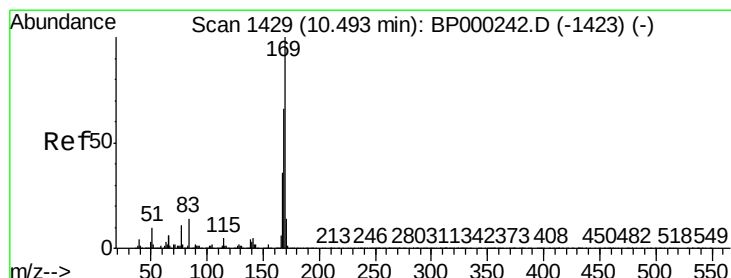
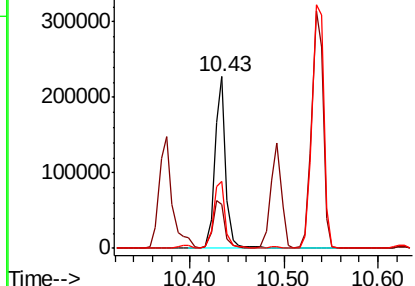
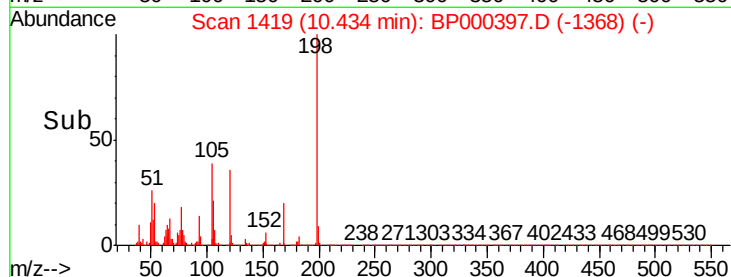
#65
4,6-Dinitro-2-methylphenol
Concen: 42.692 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
PB123345BS

Tot Ion:198 Resp: 185448
Ion Ratio Lower Upper
198 100
51 25.8 7.4 47.4
105 38.8 20.2 60.2

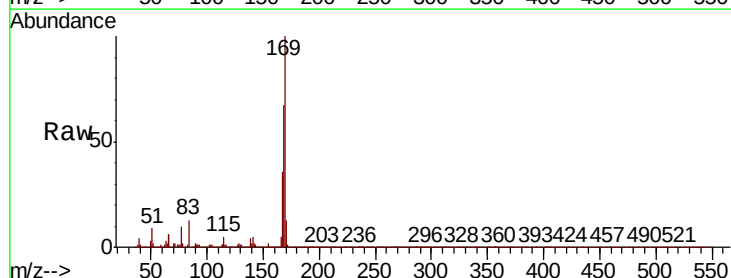


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

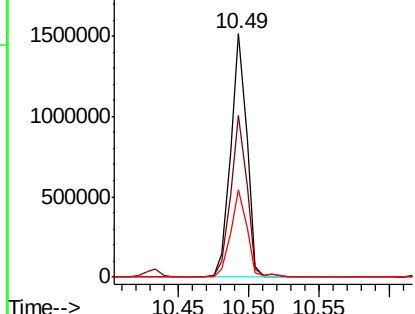
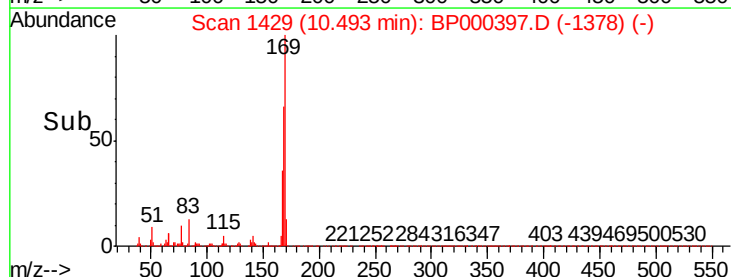


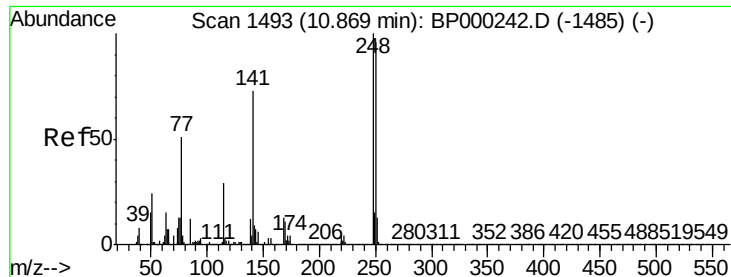
#66
n-Nitrosodiphenylamine
Concen: 43.026 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:169 Resp: 1196547
Ion Ratio Lower Upper
169 100
168 66.6 52.9 79.3
167 36.1 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

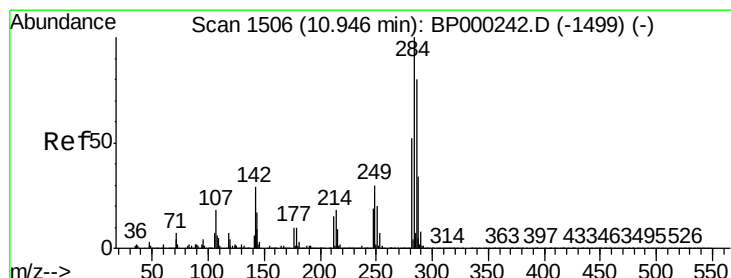
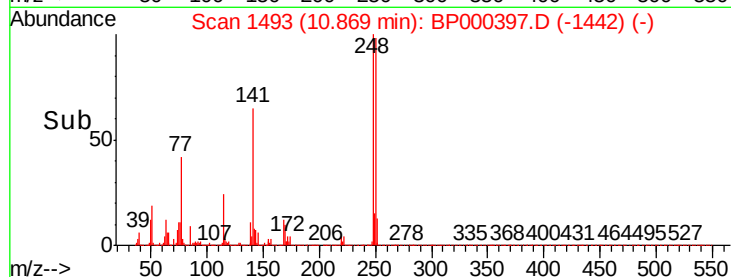
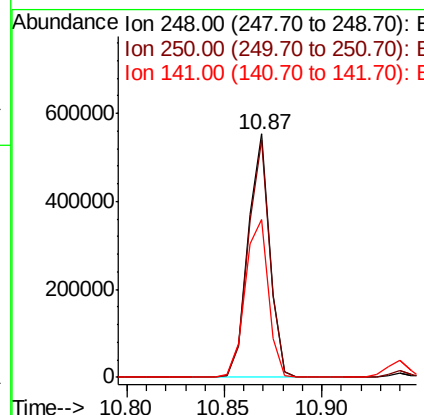
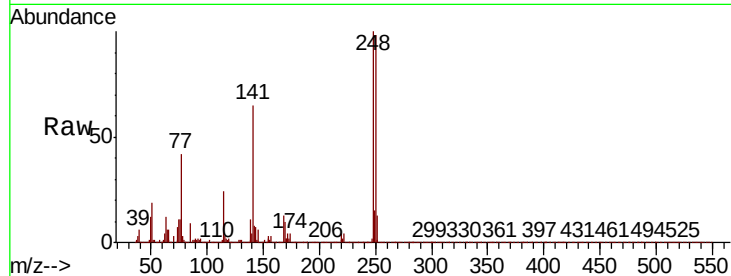




#67
4-Bromophenyl-phenylether
Concen: 40.691 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

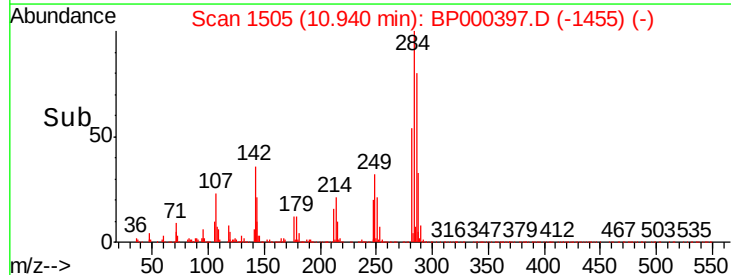
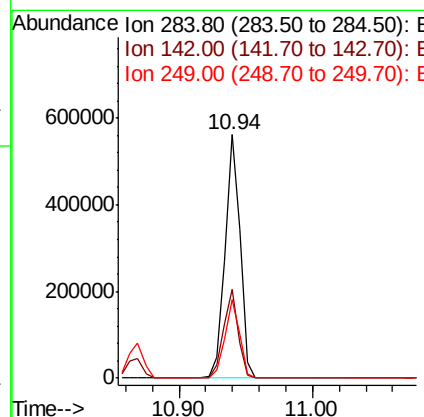
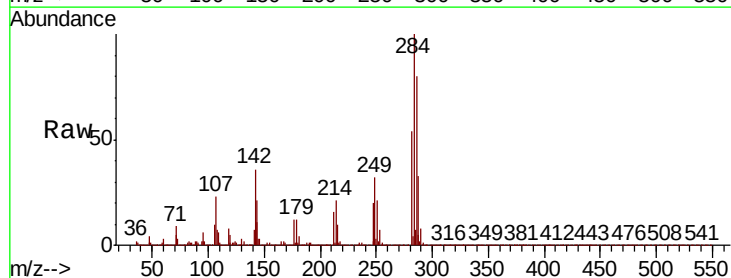
Instrument :
BNA_P
ClientSampleId :
PB123345BS

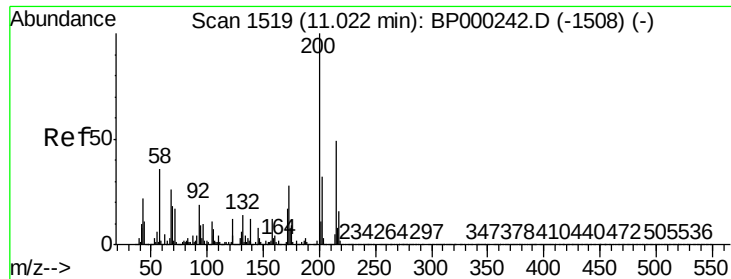
Tot Ion:248 Resp: 425082
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.4
141 64.6 58.5 87.7



#68
Hexachlorobenzene
Concen: 39.238 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:284 Resp: 448120
Ion Ratio Lower Upper
284 100
142 36.4 23.6 35.4#
249 32.1 24.3 36.5





#69

Atrazine

Concen: Below Cal

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

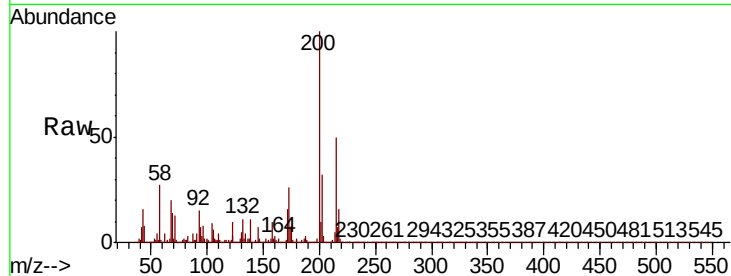
Tot Ion:200 Resp: 374289

Ion Ratio Lower Upper

200 100

173 26.0 7.6 47.6

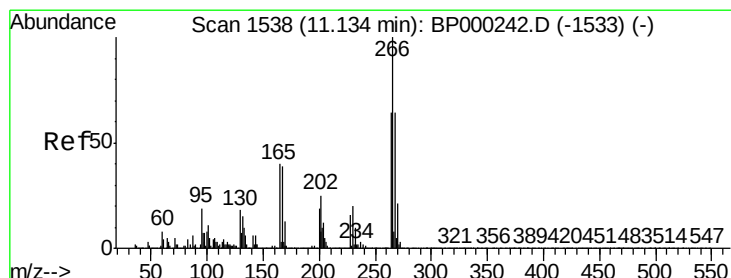
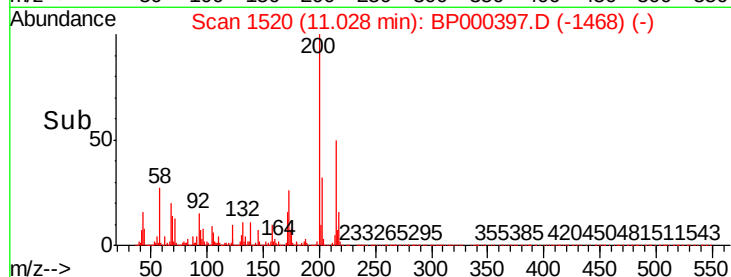
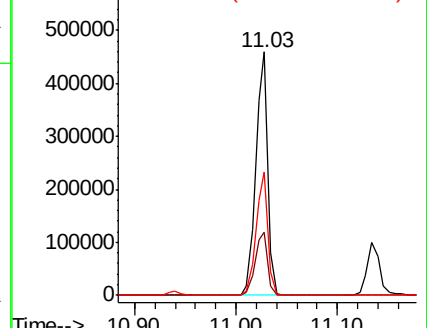
215 50.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.124 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

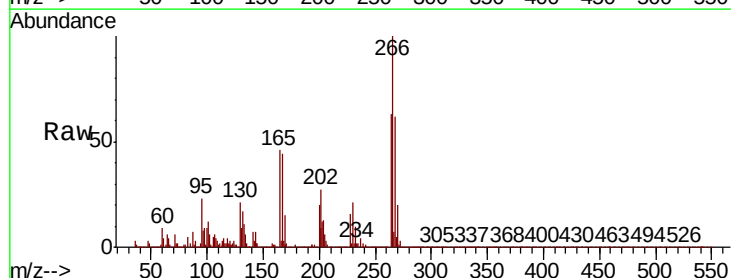
Tgt Ion:266 Resp: 479719

Ion Ratio Lower Upper

266 100

268 62.5 51.6 77.4

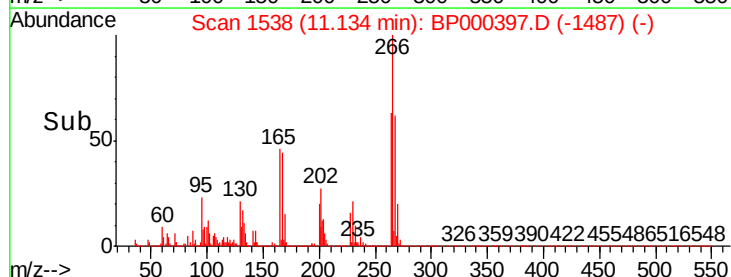
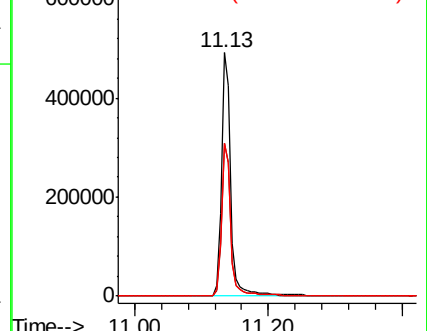
264 62.5 50.8 76.2

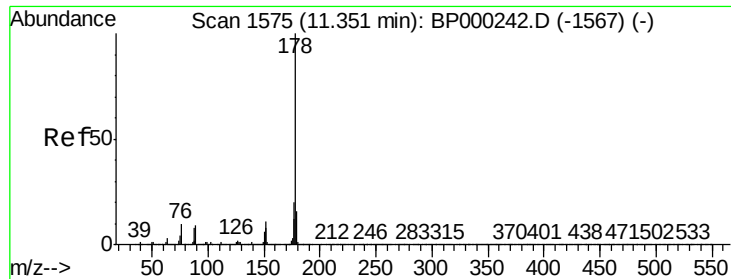


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

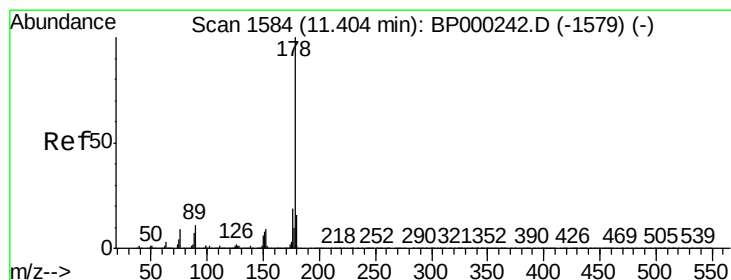
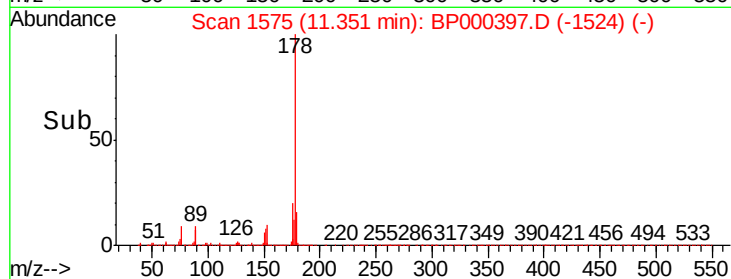
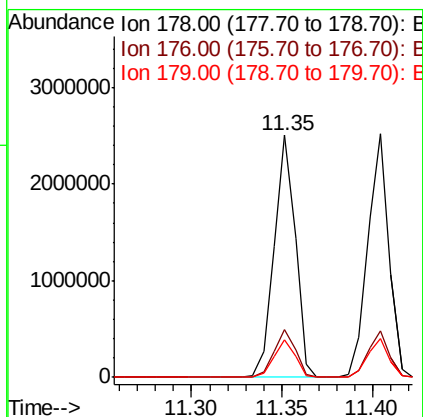
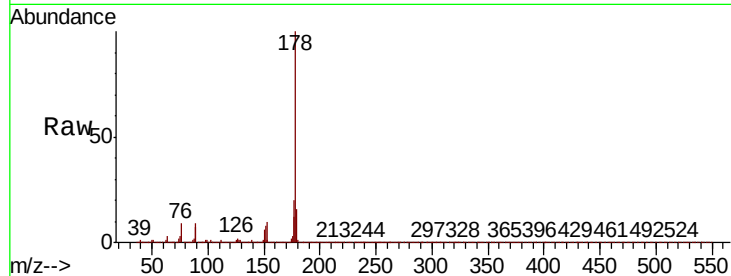




#71
Phenanthrene
Concen: 43.806 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

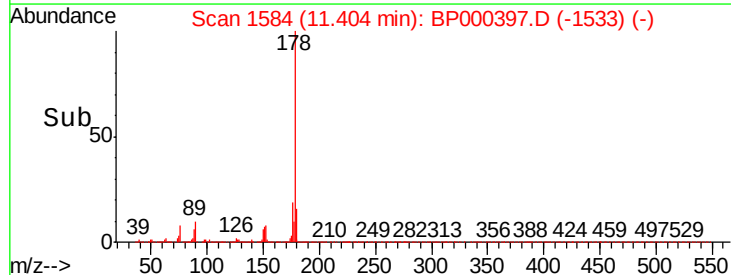
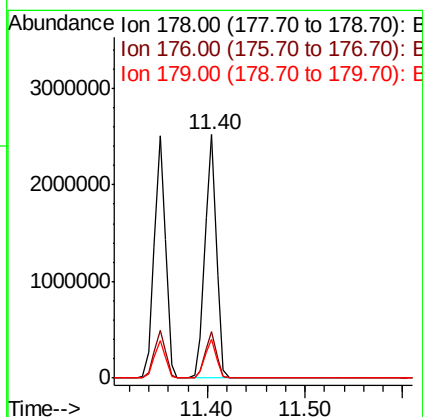
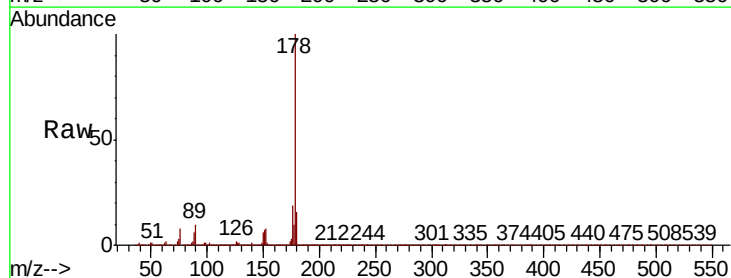
Instrument :
BNA_P
ClientSampleId :
PB123345BS

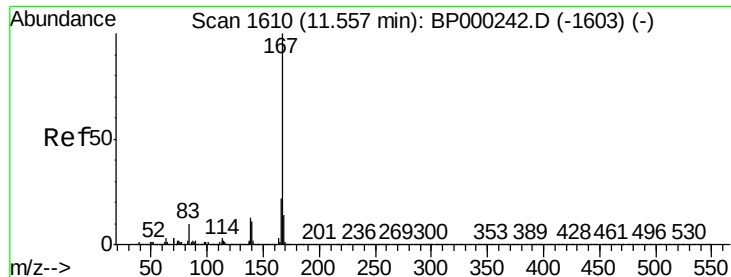
Tot Ion:178 Resp: 2027967
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.7 12.7 19.1



#72
Anthracene
Concen: 43.028 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:178 Resp: 2050391
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.8 12.7 19.1





#73

Carbazole

Concen: 44.614 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

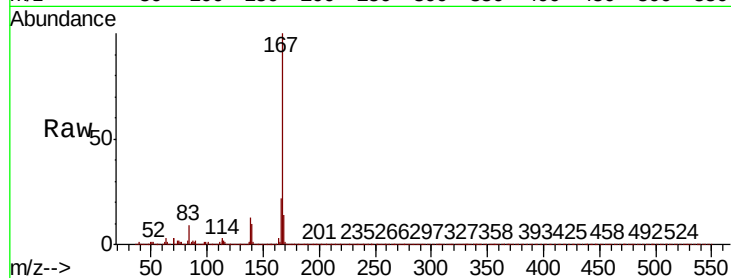
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:167 Resp: 1914569

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.0	10.8	16.2

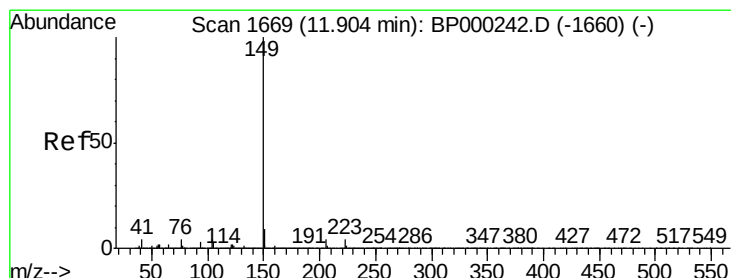
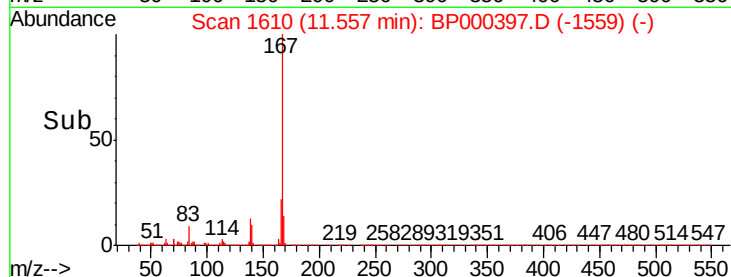
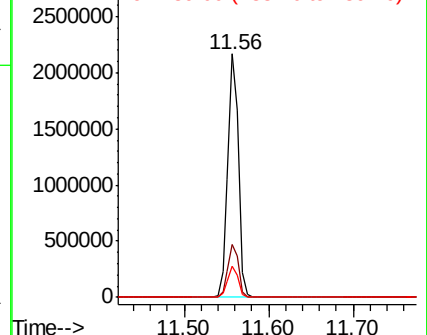


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.823 ng

RT: 11.90 min Scan# 1668

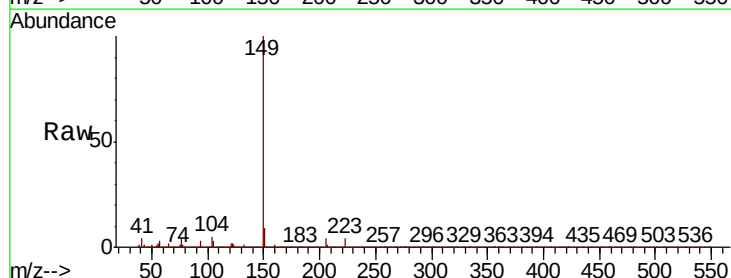
Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:149 Resp: 2217437

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.7	3.5	5.3

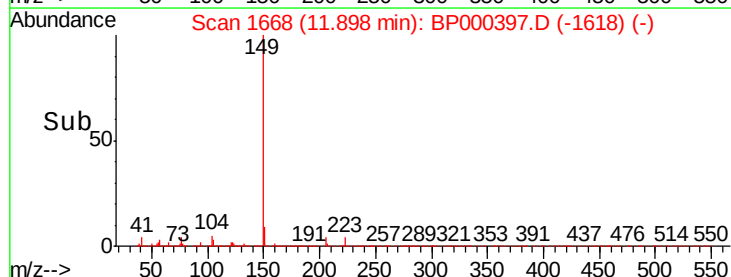
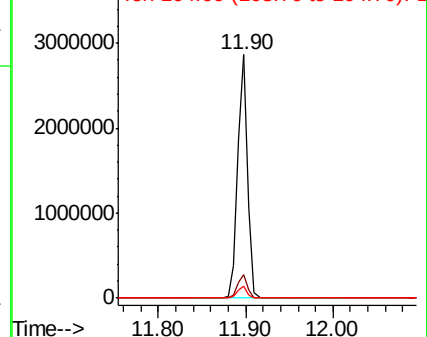


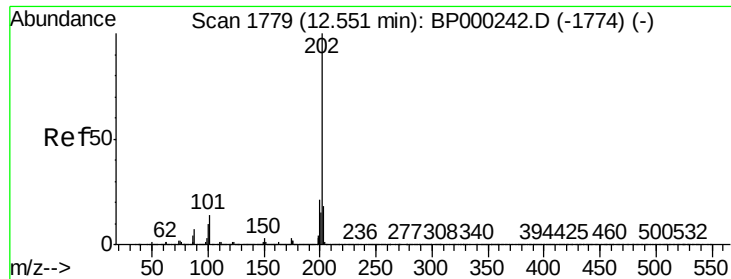
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.820 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

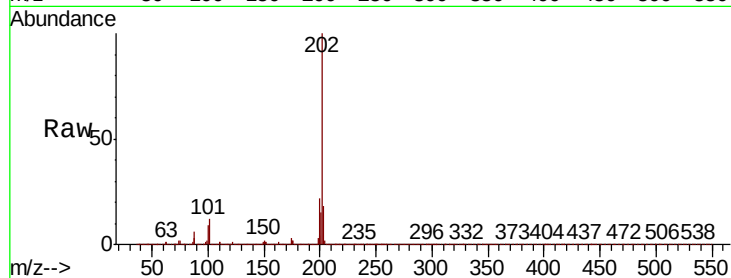
Tot Ion:202 Resp: 2228052

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.9

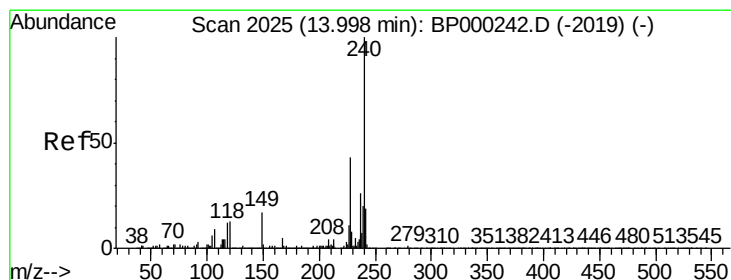
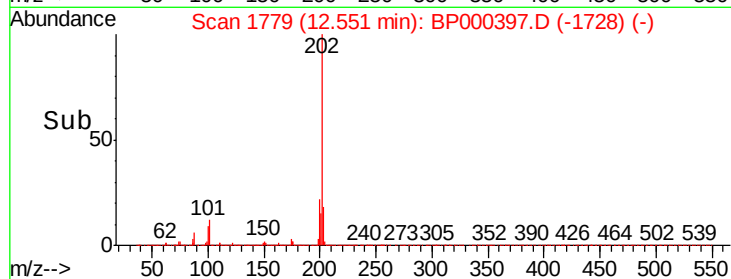
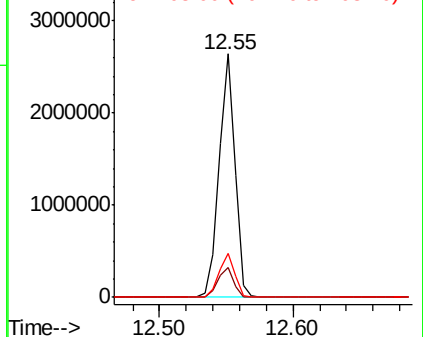
203 18.3 0.0 38.0



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: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

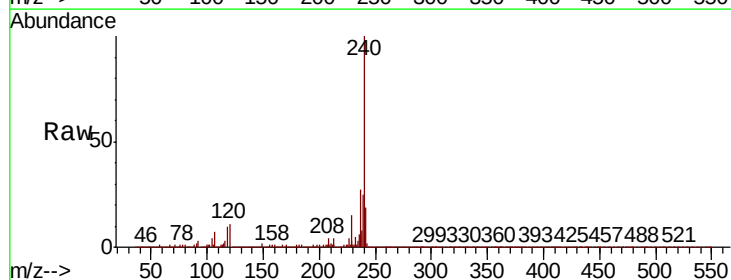
Tgt Ion:240 Resp: 755388

Ion Ratio Lower Upper

240 100

120 10.5 10.4 15.6

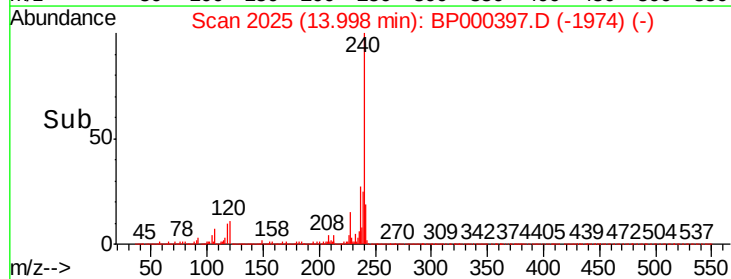
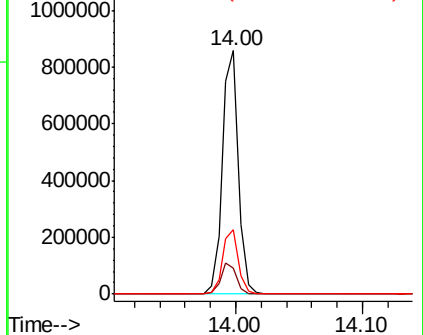
236 26.6 21.0 31.6

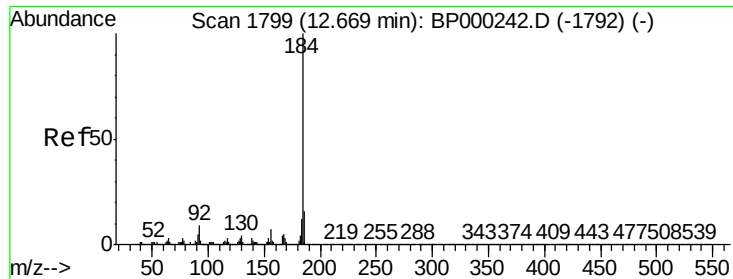


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.216 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

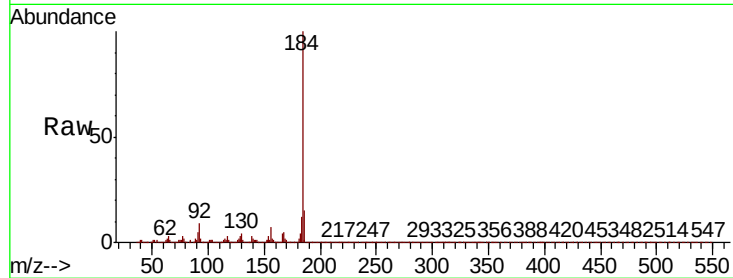
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:184 Resp: 1057965

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.7	19.1
183	11.9	9.5	14.3

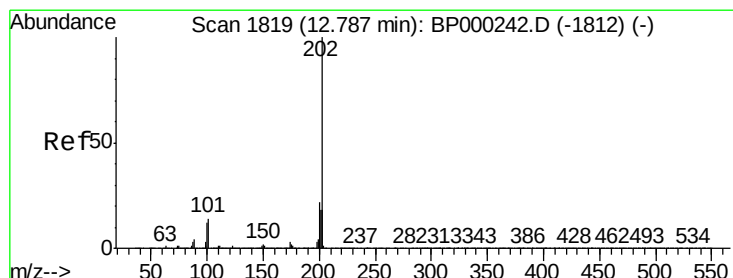
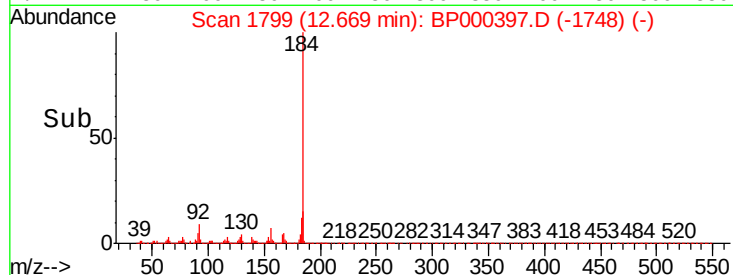
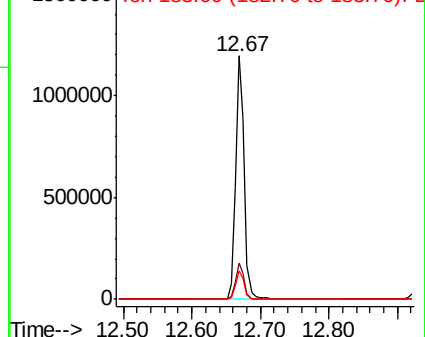


Abundance

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: 40.588 ng

RT: 12.78 min Scan# 1818

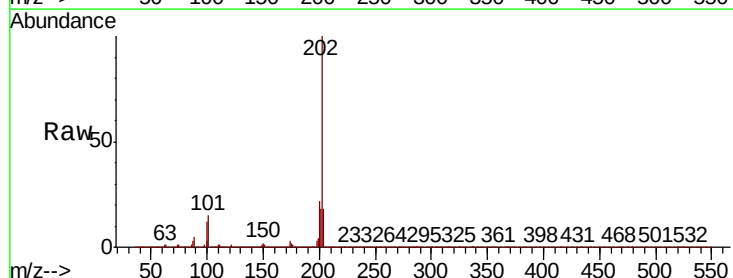
Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:202 Resp: 2293845

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.0	14.3	21.5

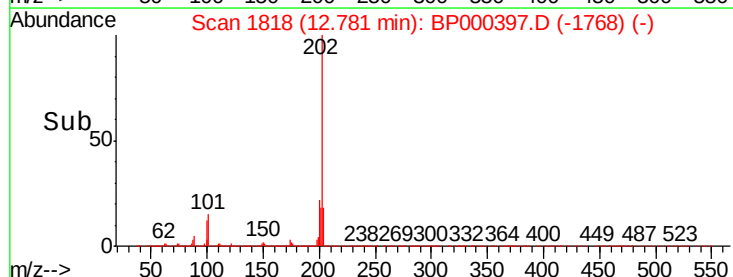
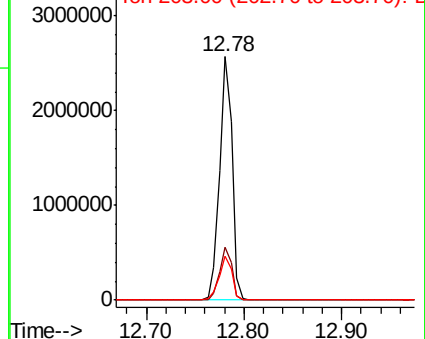


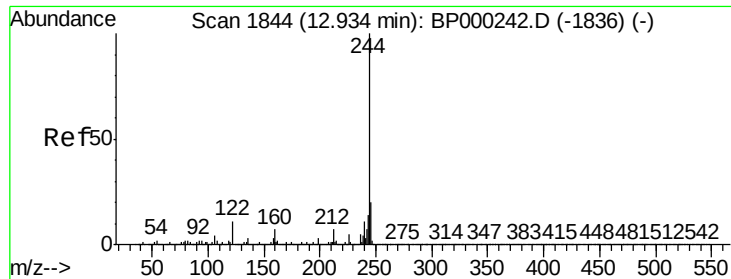
Abundance

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



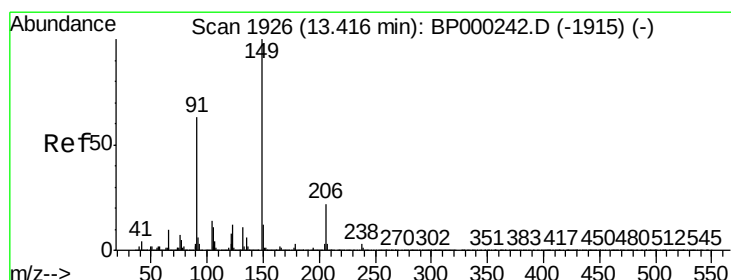
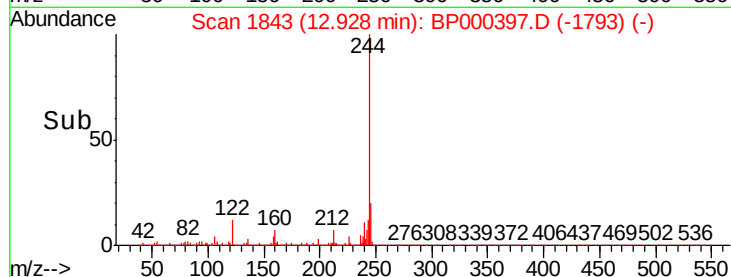
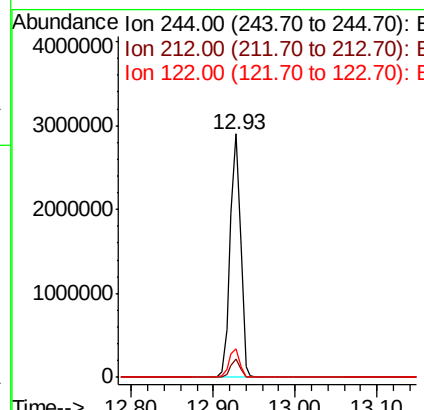
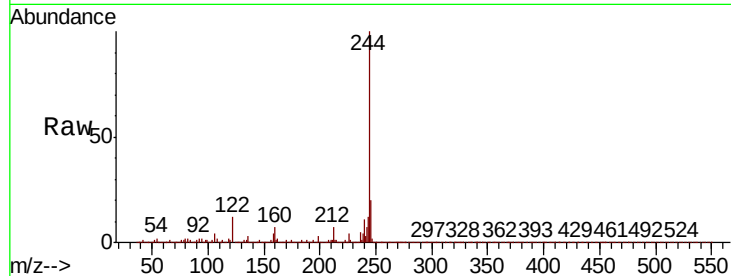


#79
 Terphenyl-d14
 Concen: 71.054 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :
 PB123345BS

Tot Ion:244 Resp: 2558514

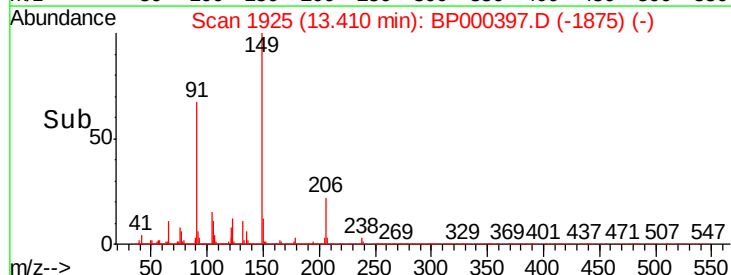
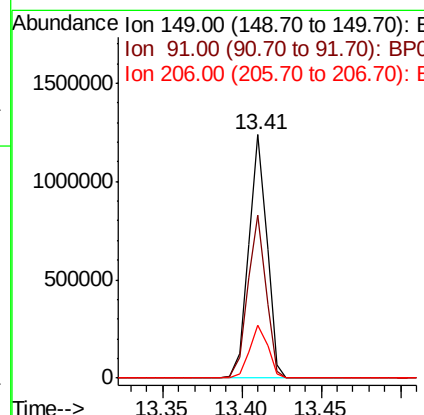
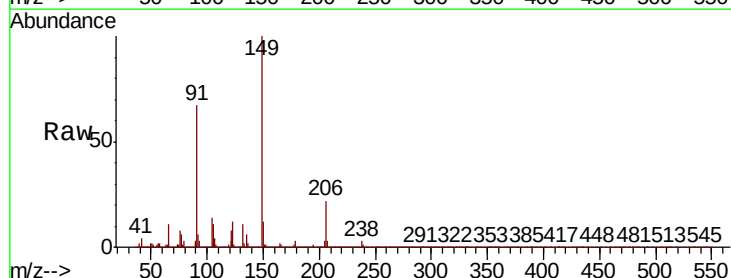
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.6	9.0	13.4

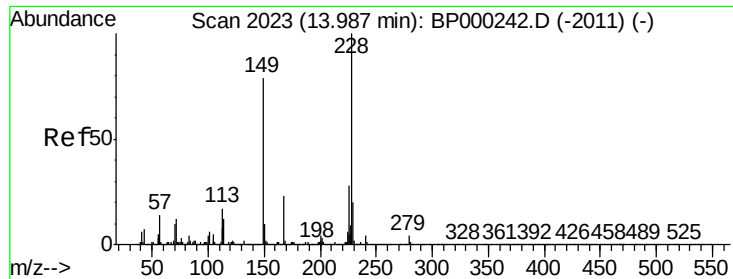


#80
 Butylbenzylphthalate
 Concen: 37.792 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BP000397.D
 Acq: 24 Sep 2019 21:02

Tgt Ion:149 Resp: 981413

Ion	Ratio	Lower	Upper
149	100		
91	66.8	50.6	76.0
206	21.9	17.8	26.6

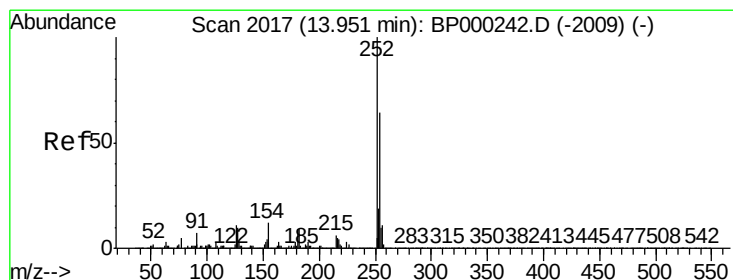
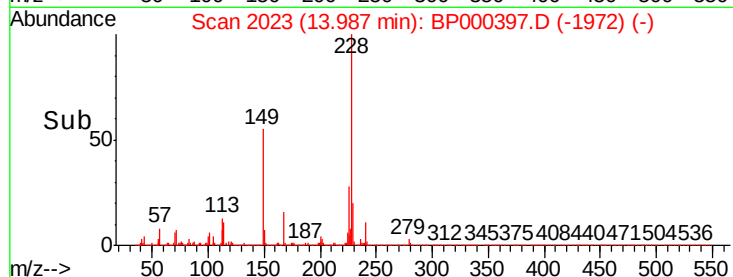
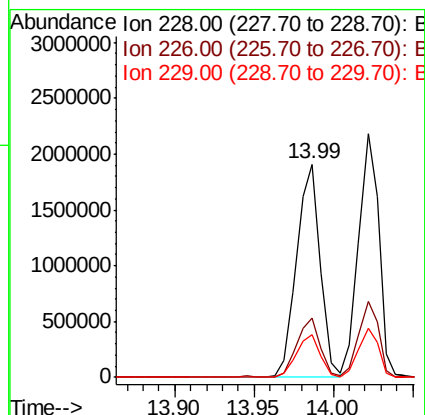
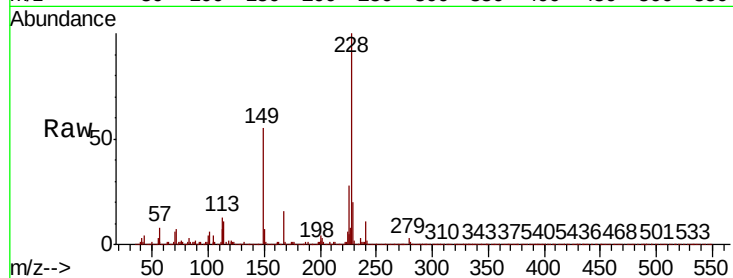




#81
Benzo(a)anthracene
Concen: 41.139 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

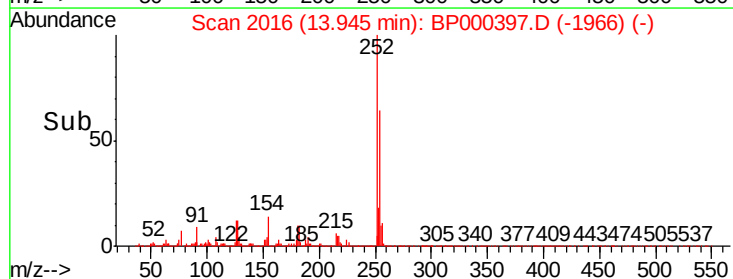
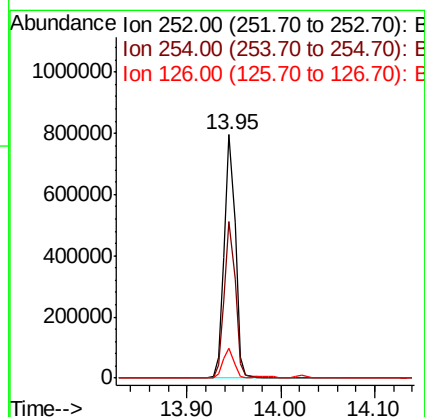
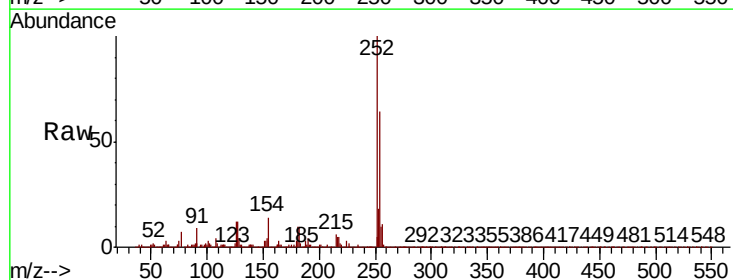
Instrument :
BNA_P
ClientSampleId :
PB123345BS

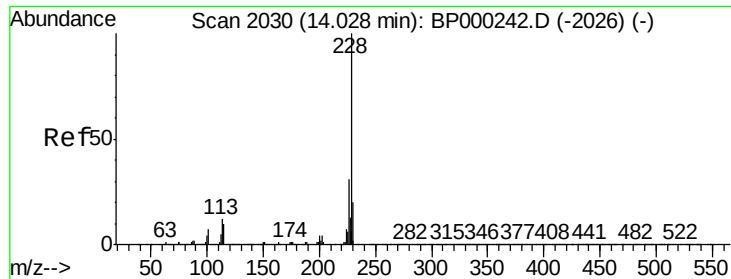
Tot Ion:228 Resp: 1962985
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 34.520 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:252 Resp: 661977
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 12.2 8.4 12.6





#83

Chrysene

Concen: 41.930 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

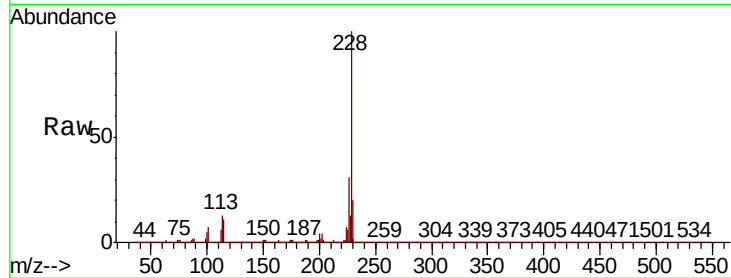
Tot Ion:228 Resp: 1964413

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.4	16.2	24.2

228 100

226 31.0 24.9 37.3

229 20.4 16.2 24.2

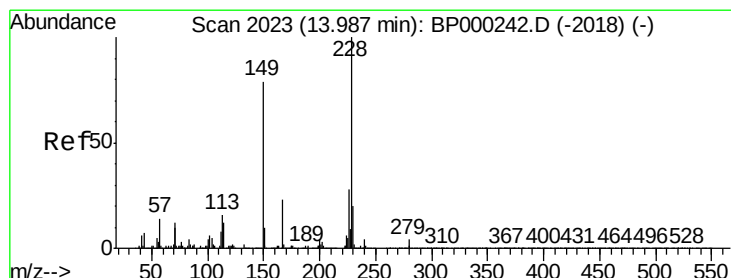
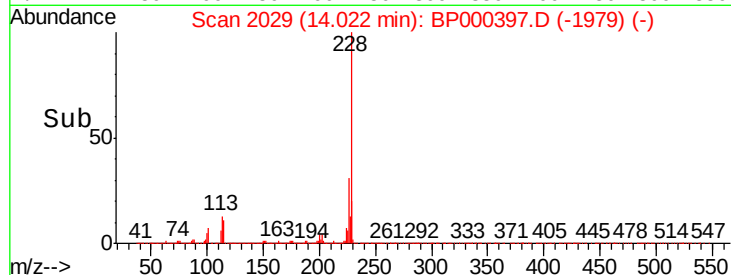
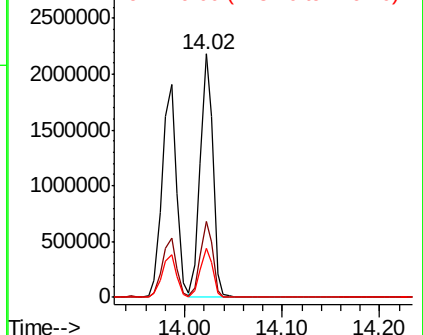


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.843 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

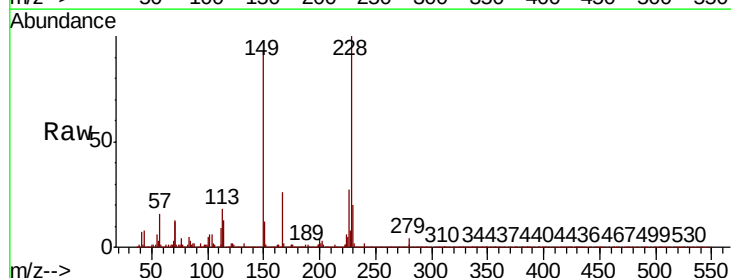
Tgt Ion:149 Resp: 1273220

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	4.3	3.7	5.5

149 100

167 27.9 23.0 34.4

279 4.3 3.7 5.5

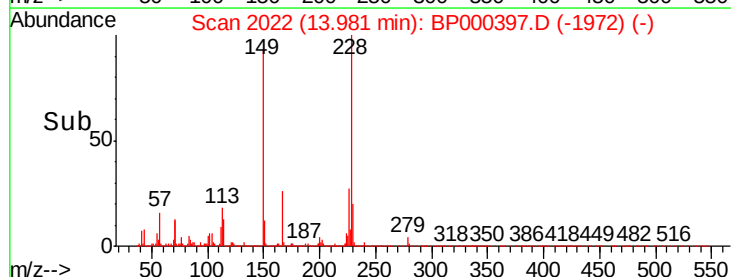
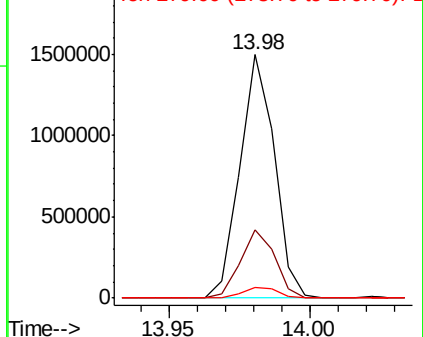


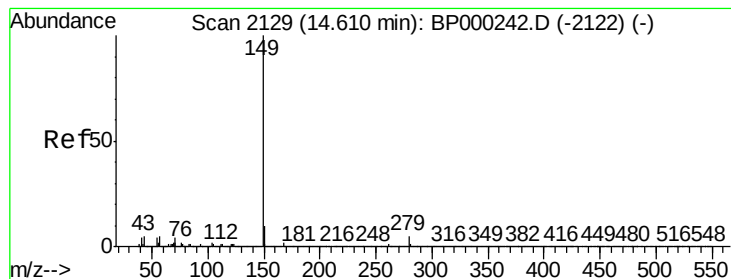
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.692 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

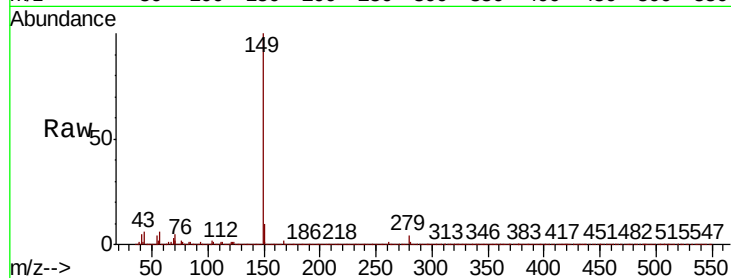
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:149 Resp: 2351010

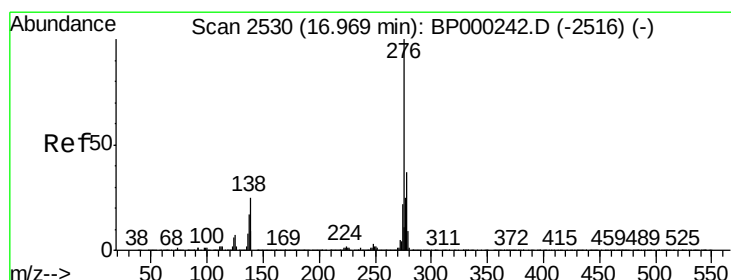
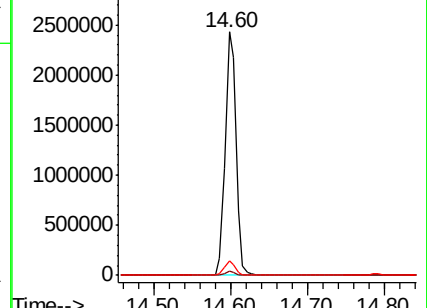
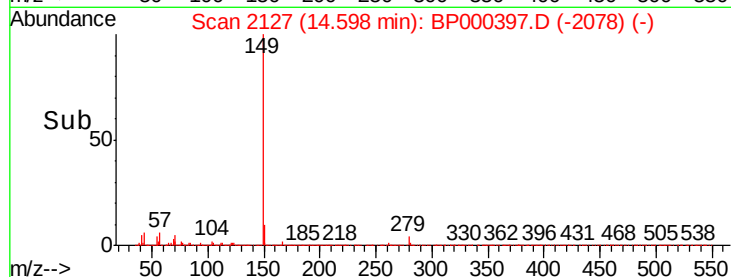
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	5.8	5.0	7.6



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: 41.119 ng

RT: 16.96 min Scan# 2529

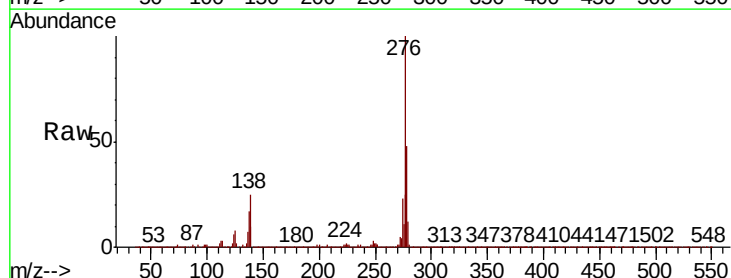
Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:276 Resp: 2348194

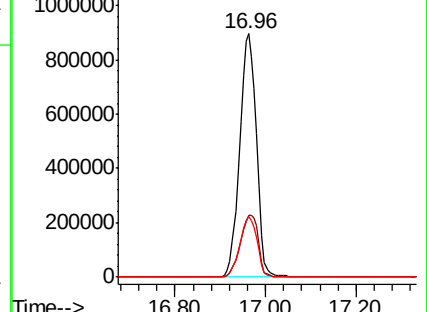
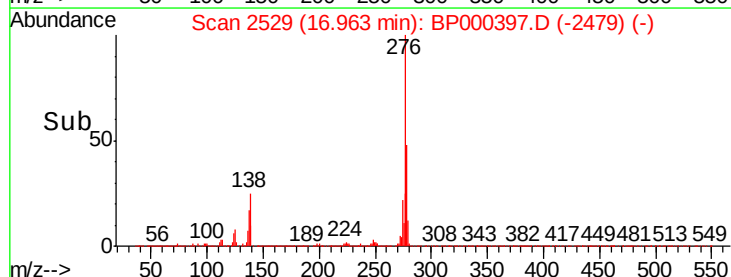
Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.6	33.8
277	25.6	20.4	30.6

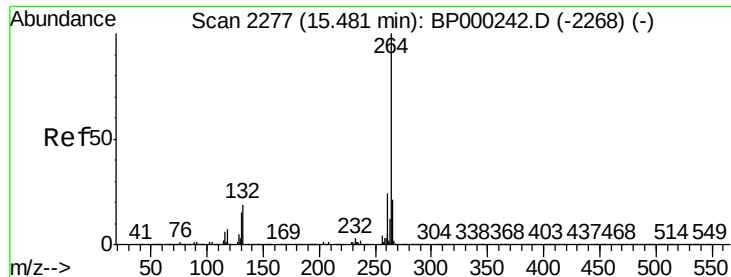


Abundance Ion 276.00 (275.70 to 276.70): E

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: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

PB123345BS

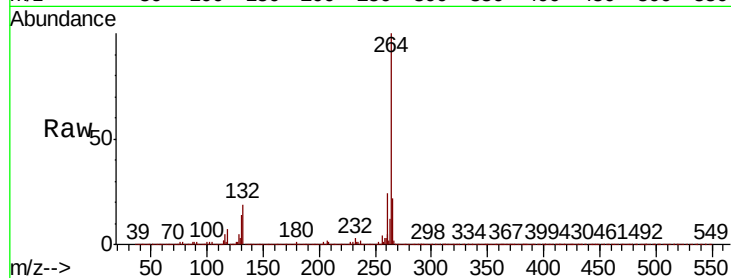
Tot Ion:264 Resp: 843393

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

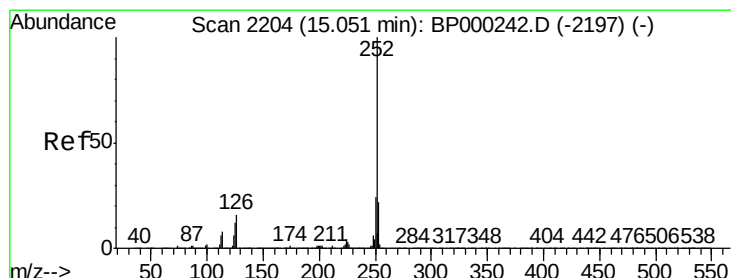
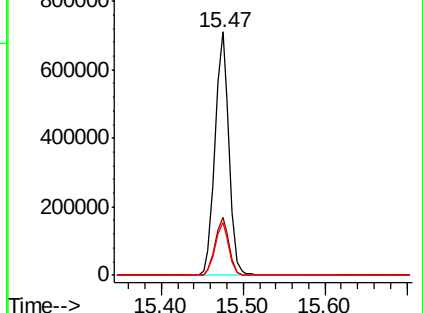
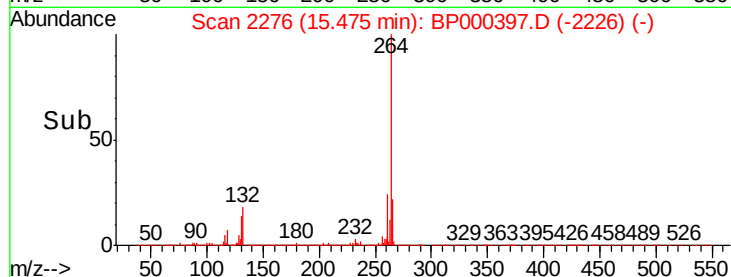
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.949 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

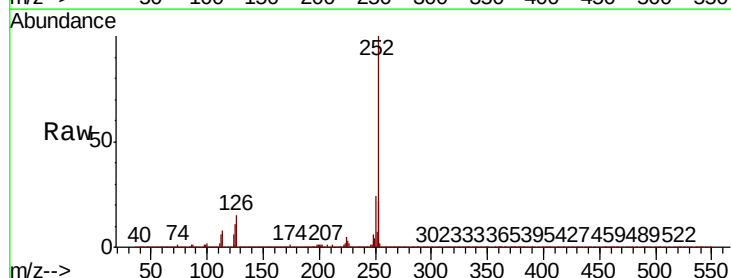
Tgt Ion:252 Resp: 2211219

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

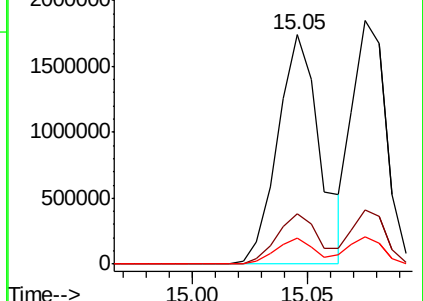
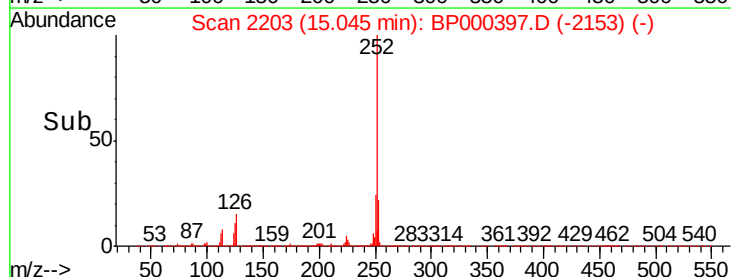
125 11.3 9.5 14.3

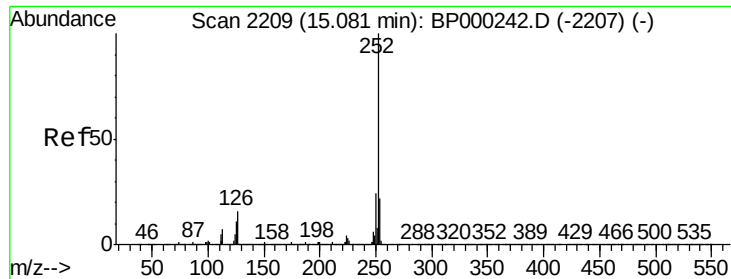


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

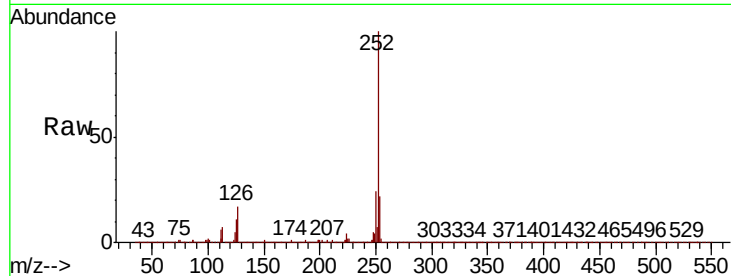




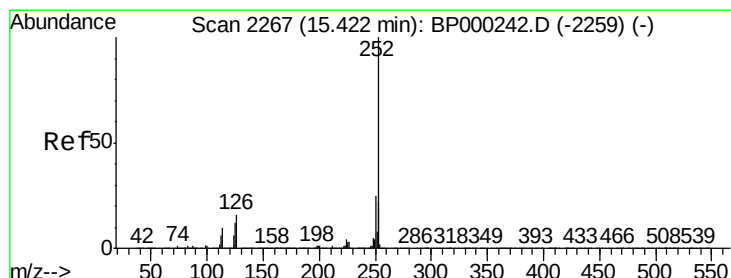
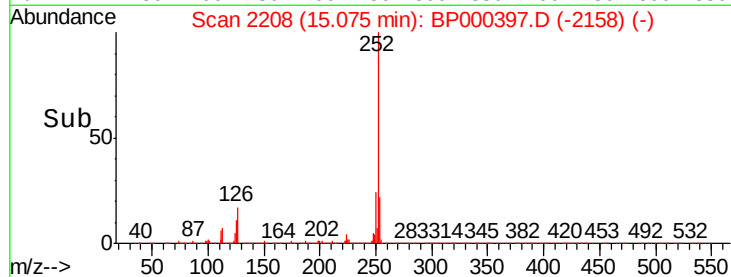
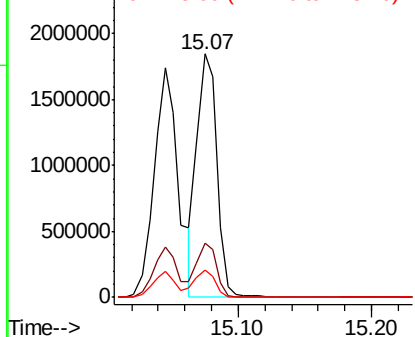
#89
Benzo(k)fluoranthene
Concen: 42.931 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
PB123345BS

Tot Ion:252 Resp: 1884174
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.4 9.6 14.4

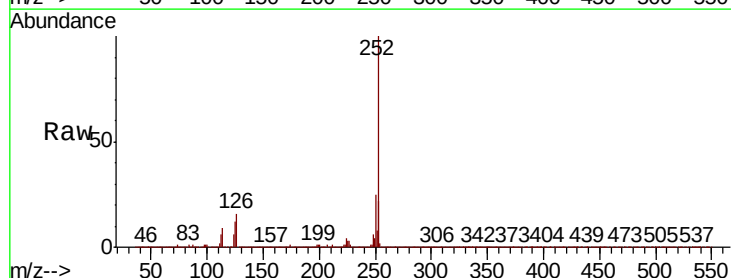


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

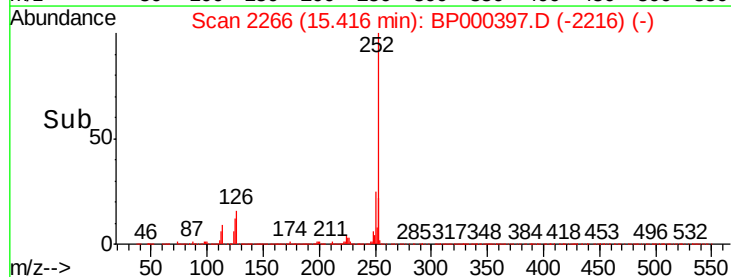
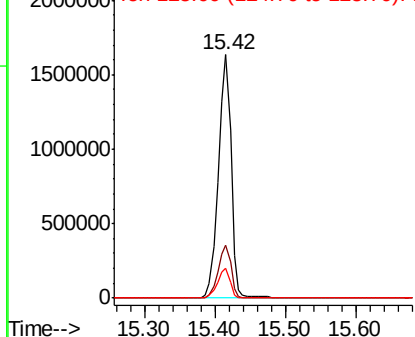


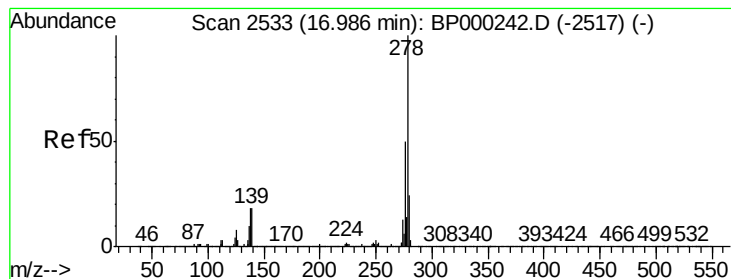
#90
Benzo(a)pyrene
Concen: 44.413 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000397.D
Acq: 24 Sep 2019 21:02

Tgt Ion:252 Resp: 2033304
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.057 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Instrument :

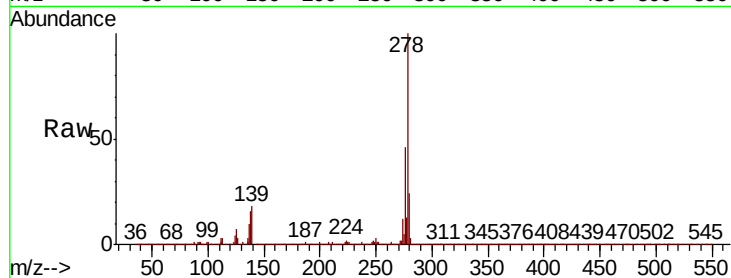
BNA_P

ClientSampleId :

PB123345BS

Tot Ion:278 Resp: 1923190

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.9	19.0	28.6

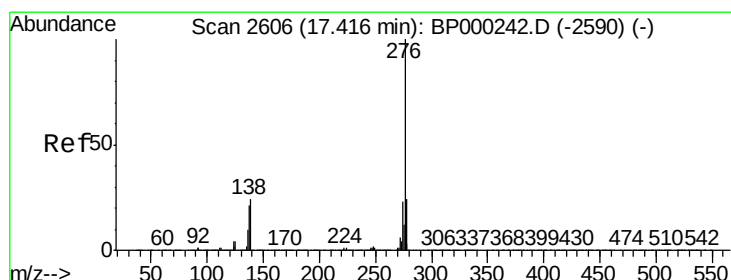
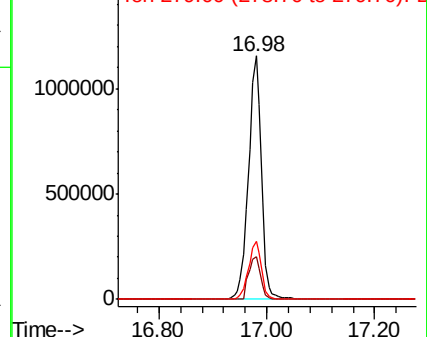
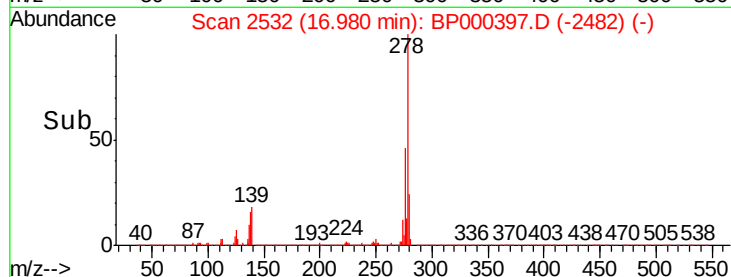


Abundance

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: 44.547 ng

RT: 17.41 min Scan# 2605

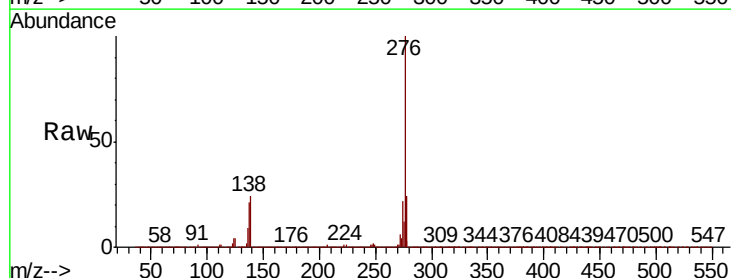
Delta R.T. -0.01 min

Lab File: BP000397.D

Acq: 24 Sep 2019 21:02

Tgt Ion:276 Resp: 1954431

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	23.6	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

