

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000014.D
 Acq On : 30 Aug 2019 19:34
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 01:04:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	421822	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1631864	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	849798	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	1559954	20.00	ng	0.00
76) Chrysene-d12	14.11	240	1209631	20.00	ng	0.00
87) Perylene-d12	15.63	264	1363052	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2151203	81.32	ng	0.00
7) Phenol-d6	6.52	99	2712024	81.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	2164543	81.39	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	599006	83.63	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4030366	79.20	ng	0.00
79) Terphenyl-d14	13.04	244	4537499	81.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	481283	39.554	ng	100
3) Pyridine	3.45	79	1345254	41.036	ng	100
4) n-Nitrosodimethylamine	3.39	42	407371	38.484	ng	97
6) Aniline	6.56	93	1912774	39.578	ng	99
8) 2-Chlorophenol	6.68	128	1115924	40.798	ng	99
9) Benzaldehyde	6.45	77	740213	35.945	ng	100
10) Phenol	6.53	94	1474987	39.755	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	1181296	40.305	ng	97
12) 1,3-Dichlorobenzene	6.84	146	1302091	40.812	ng	100
13) 1,4-Dichlorobenzene	6.92	146	1301000	40.951	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1215472	41.640	ng	99
15) Benzyl Alcohol	7.03	79	986869	40.306	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1248601	39.615	ng	99
17) 2-Methylphenol	7.13	107	950227	40.450	ng	98
18) Hexachloroethane	7.42	117	474178	40.242	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	768120	40.416	ng	100
20) 3+4-Methylphenols	7.29	107	1227872	41.910	ng	100
22) Acetophenone	7.30	105	1593373	40.765	ng	100
24) Nitrobenzene	7.47	77	1148410	39.859	ng	99
25) Isophorone	7.71	82	2218820	39.486	ng	99
26) 2-Nitrophenol	7.79	139	462933	41.259	ng	98
27) 2,4-Dimethylphenol	7.82	122	904172	39.935	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1477118	40.424	ng	99
29) 2,4-Dichlorophenol	8.03	162	933107	40.080	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1065531	40.147	ng	99
31) Naphthalene	8.20	128	3135234	41.875	ng	100
32) Benzoic acid	7.91	122	367172	28.212	ng	98
33) 4-Chloroaniline	8.24	127	1420605	40.230	ng	99
34) Hexachlorobutadiene	8.33	225	598360	40.011	ng	100
35) Caprolactam	8.60	113	336874	40.688	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	1033738	40.695	ng	99
37) 2-Methylnaphthalene	8.89	142	2167096	41.418	ng	100
38) 1-Methylnaphthalene	8.99	142	2025471	41.085	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	986306	41.005	ng	99

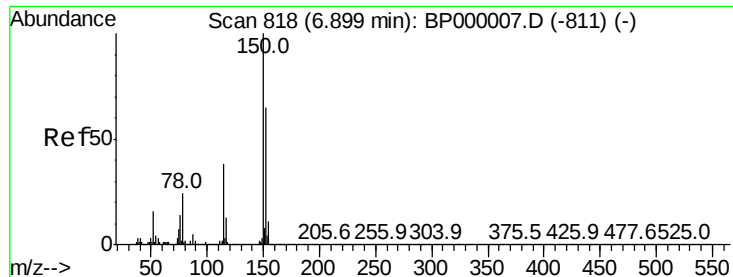
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000014.D
 Acq On : 30 Aug 2019 19:34
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 01:04:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	529657	39.992	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	681407	41.079	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	707023	40.738	ng	98
46) 1,1'-Biphenyl	9.36	154	2528649	42.149	ng	99
47) 2-Chloronaphthalene	9.39	162	2071081	41.588	ng	100
48) 2-Nitroaniline	9.47	65	560983	41.705	ng	95
49) Acenaphthylene	9.80	152	3133291	42.403	ng	100
50) Dimethylphthalate	9.66	163	2428597	41.938	ng	100
51) 2,6-Dinitrotoluene	9.72	165	523826	42.616	ng	100
52) Acenaphthene	9.98	154	1931202	41.650	ng	100
53) 3-Nitroaniline	9.88	138	624670	42.541	ng	100
54) 2,4-Dinitrophenol	9.99	184	160385	39.693	ng	92
55) Dibenzofuran	10.15	168	2797214	42.484	ng	99
56) 4-Nitrophenol	10.03	139	450375	42.911	ng	98
57) 2,4-Dinitrotoluene	10.12	165	672943	42.884	ng	100
58) Fluorene	10.49	166	2089368	42.164	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	557871	42.453	ng	98
60) Diethylphthalate	10.36	149	2421222	41.771	ng	99
61) 4-Chlorophenyl-phenylether	10.49	204	1069211	41.513	ng	97
62) 4-Nitroaniline	10.50	138	591063	42.200	ng	99
63) Azobenzene	10.65	77	2338506	42.129	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	228471	39.657	ng	98
66) n-Nitrosodiphenylamine	10.60	169	1927490	41.590	ng	100
67) 4-Bromophenyl-phenylether	10.98	248	649272	40.955	ng	99
68) Hexachlorobenzene	11.05	284	712037	41.221	ng	99
69) Atrazine	11.13	200	497268	40.141	ng	99
70) Pentachlorophenol	11.24	266	392240	41.906	ng	99
71) Phenanthrene	11.46	178	3248849	41.785	ng	100
72) Anthracene	11.52	178	3213317	41.837	ng	100
73) Carbazole	11.66	167	3074205	42.404	ng	99
74) Di-n-butylphthalate	12.01	149	3790127	43.115	ng	100
75) Fluoranthene	12.66	202	3587370	42.459	ng	99
77) Benzidine	12.78	184	1633597	39.142	ng	99
78) Pyrene	12.89	202	3670921	41.252	ng	99
80) Butylbenzylphthalate	13.52	149	1652805	41.685	ng	98
81) Benzo(a)anthracene	14.10	228	3262687	41.624	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	1192679	41.246	ng	99
83) Chrysene	14.13	228	3114056	42.002	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	2121575	41.117	ng	99
85) Di-n-octyl phthalate	14.73	149	3805080	41.848	ng	100
86) Indeno(1,2,3-cd)pyrene	17.19	276	3698602	39.811	ng	99
88) Benzo(b)fluoranthene	15.19	252	3232755	38.828	ng	99
89) Benzo(k)fluoranthene	15.22	252	3148618	41.326	ng	99
90) Benzo(a)pyrene	15.57	252	3014846	40.114	ng	100
91) Dibenzo(a,h)anthracene	17.21	278	3004797	39.979	ng	99
92) Benzo(g,h,i)perylene	17.66	276	2925677	39.328	ng	98

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

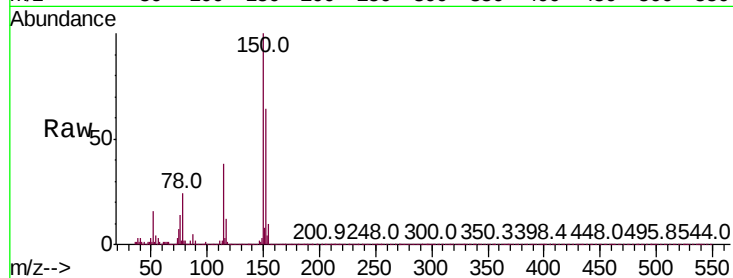


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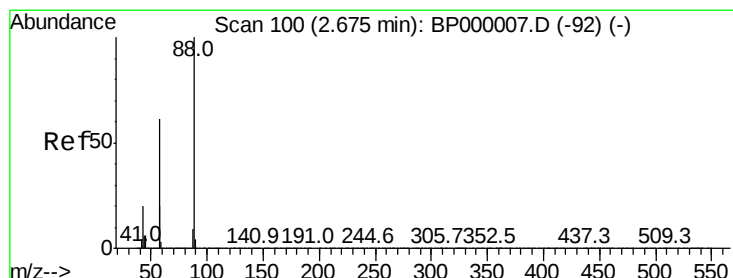
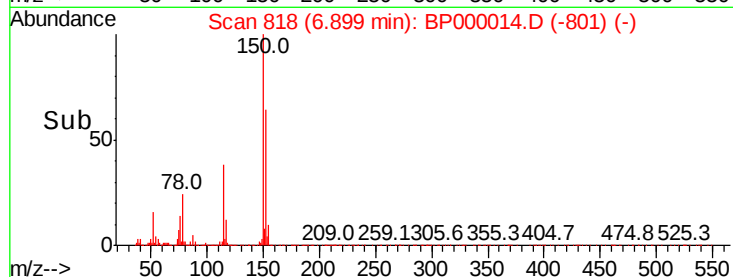
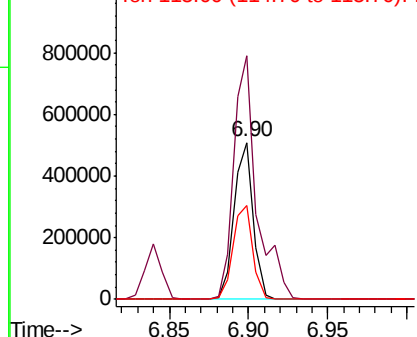
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 421822
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 59.7 46.7 70.1



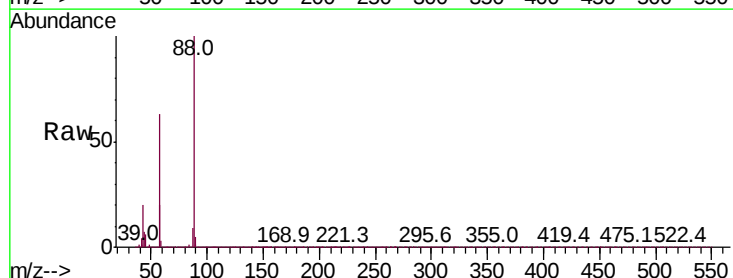
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



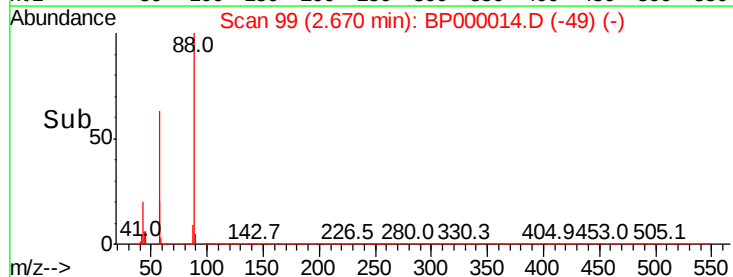
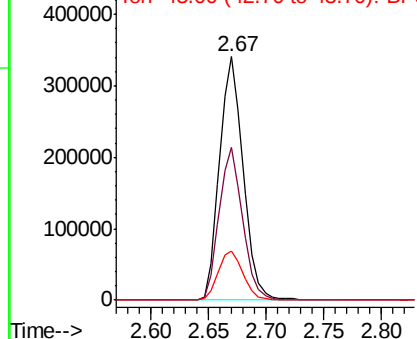
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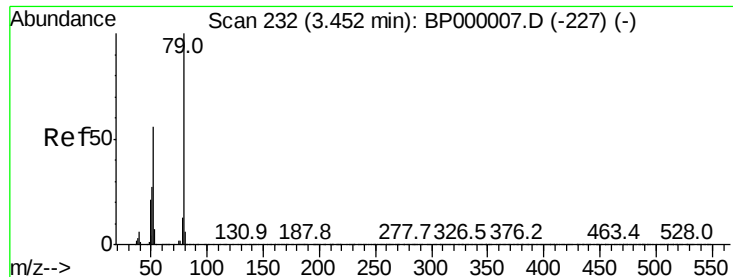
1,4-Dioxane
Concen: 39.554 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.01 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion: 88 Resp: 481283
Ion Ratio Lower Upper
88 100
58 62.3 49.8 74.8
43 20.6 16.9 25.3



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





#3

Pvridine

Concen: 41.036 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

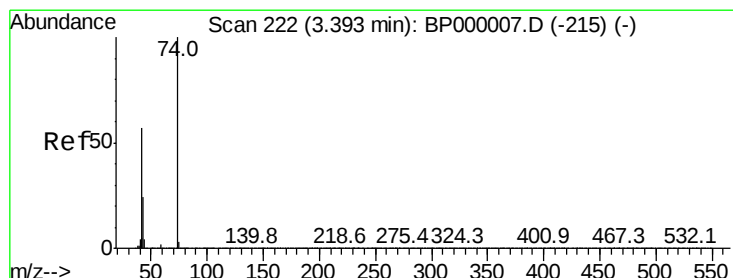
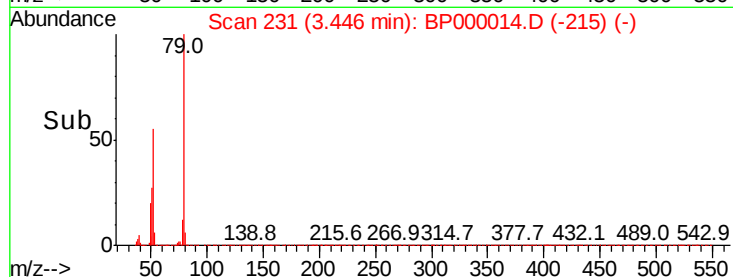
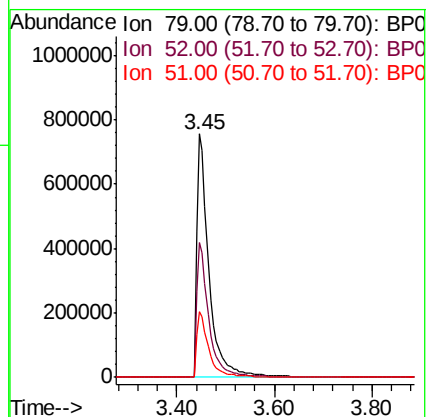
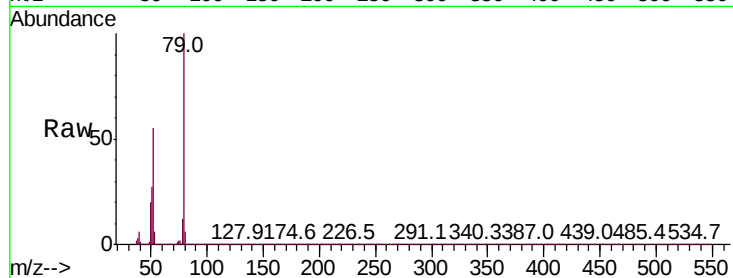
Tot Ion: 79 Resp: 1345254

Ion Ratio Lower Upper

79 100

52 55.5 44.5 66.7

51 27.2 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 38.484 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

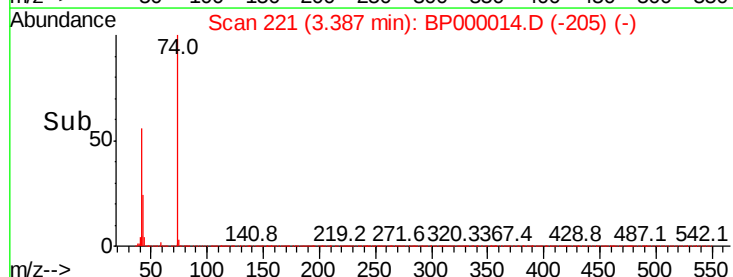
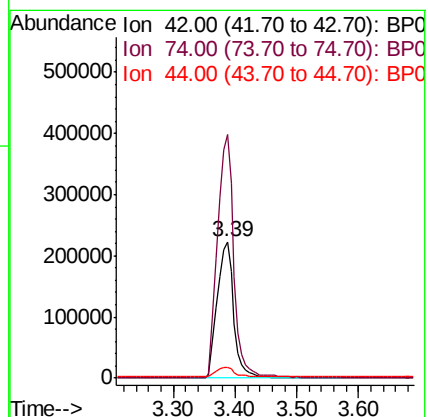
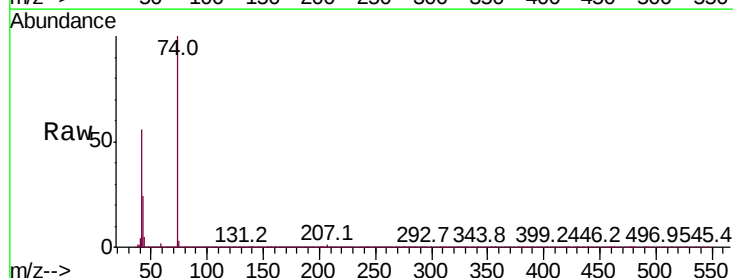
Tgt Ion: 42 Resp: 407371

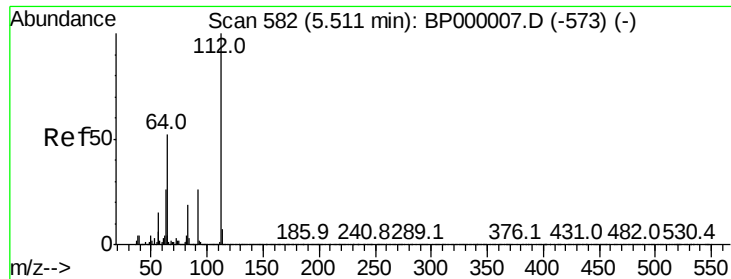
Ion Ratio Lower Upper

42 100

74 178.6 139.9 209.9

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 81.322 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

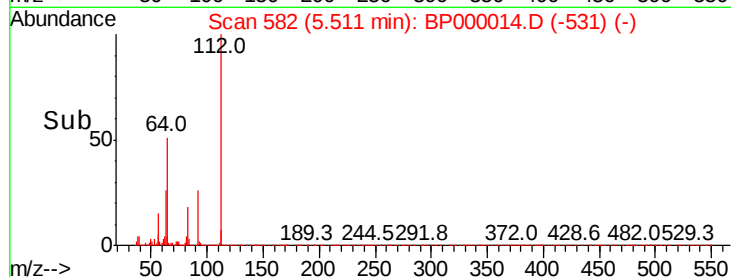
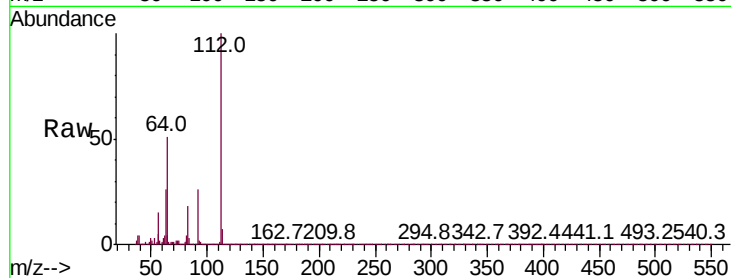
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 2151203

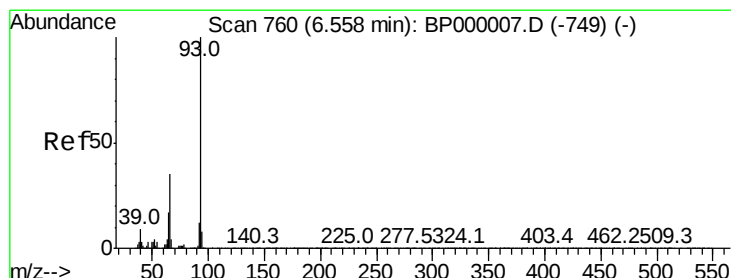
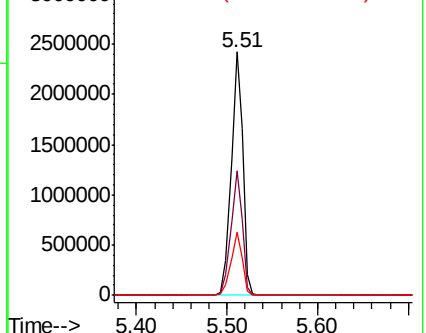
Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.8	62.8
63	25.9	21.0	31.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 39.578 ng

RT: 6.56 min Scan# 760

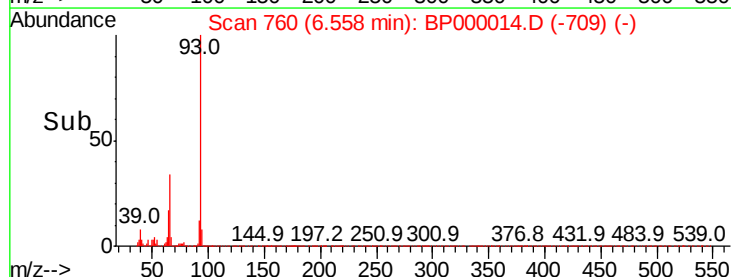
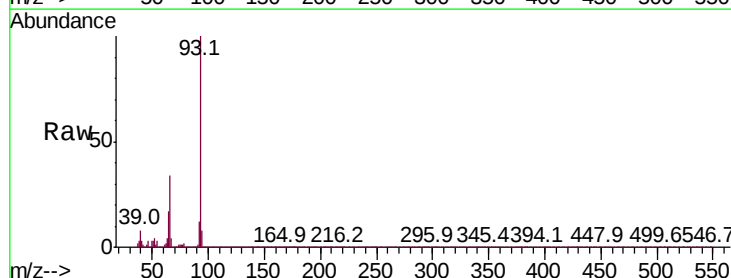
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion: 93 Resp: 1912774

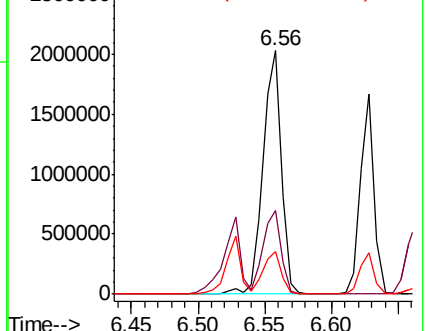
Ion	Ratio	Lower	Upper
93	100		
66	34.2	27.8	41.8
65	17.3	13.9	20.9

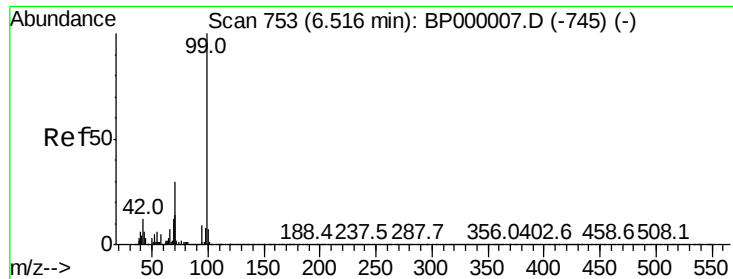


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 81.212 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

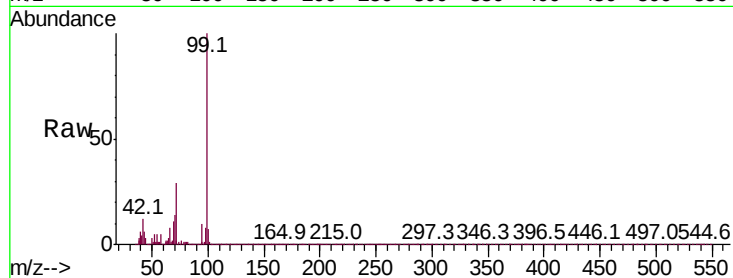
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2712024

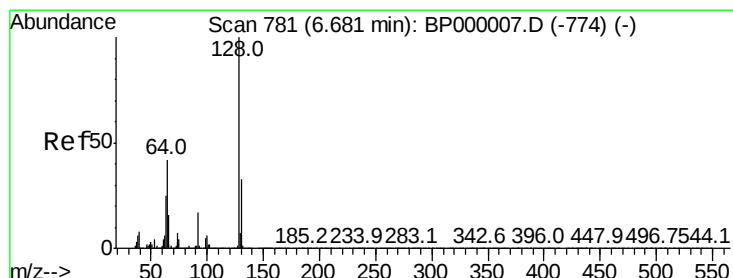
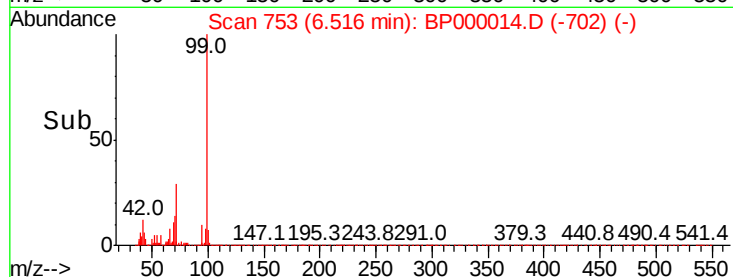
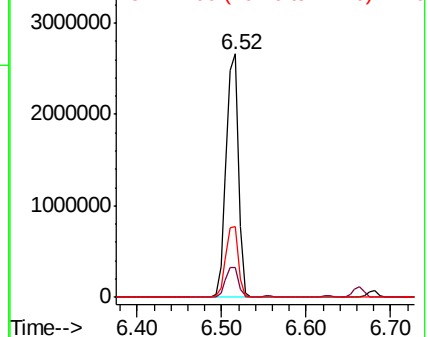
Ion	Ratio	Lower	Upper
99	100		
42	12.2	9.8	14.8
71	29.1	23.8	35.8



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: 40.798 ng

RT: 6.68 min Scan# 781

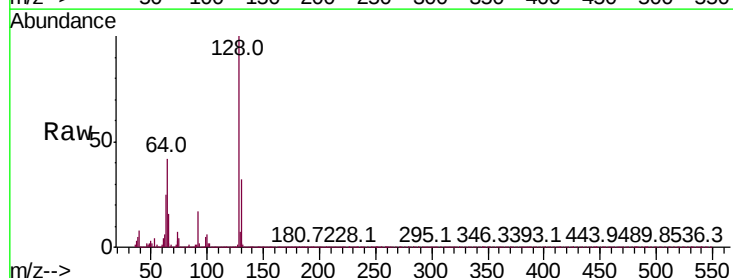
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion: 128 Resp: 1115924

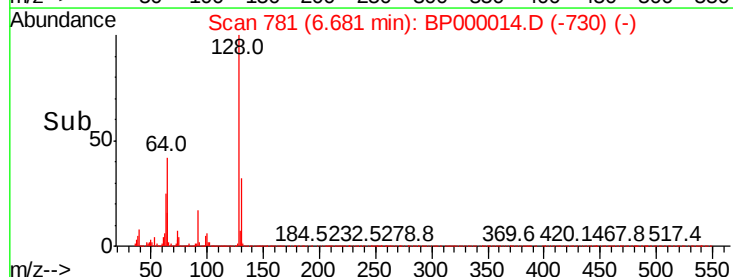
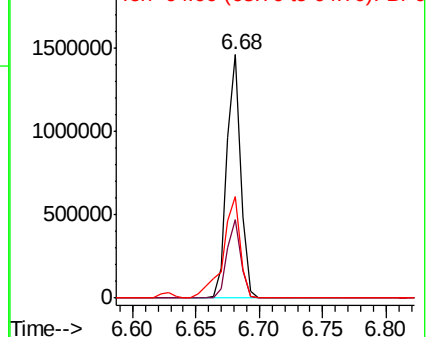
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	41.5	22.0	62.0

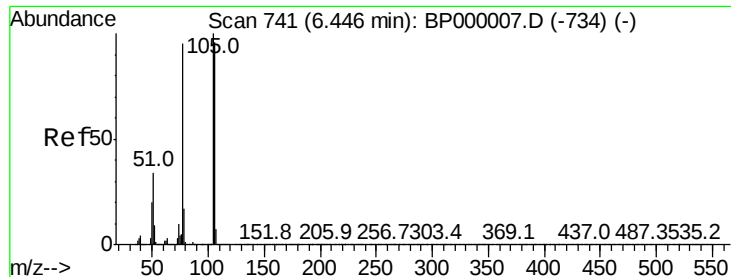


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 35.945 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

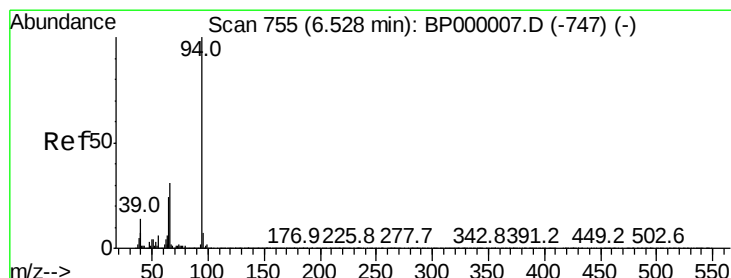
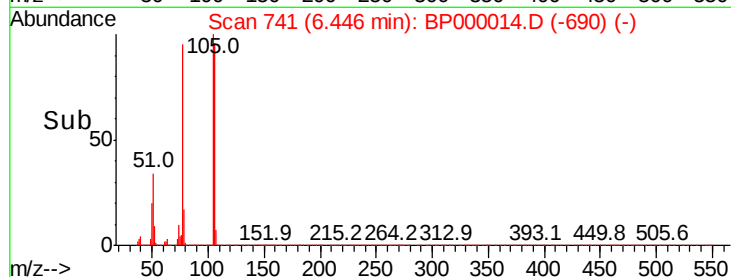
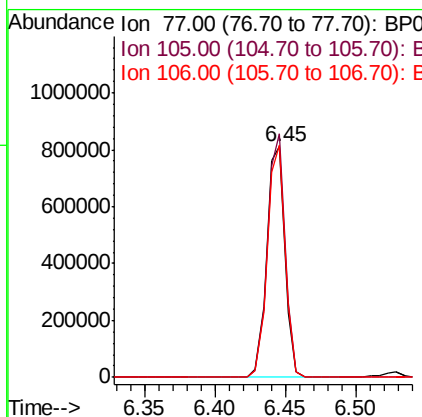
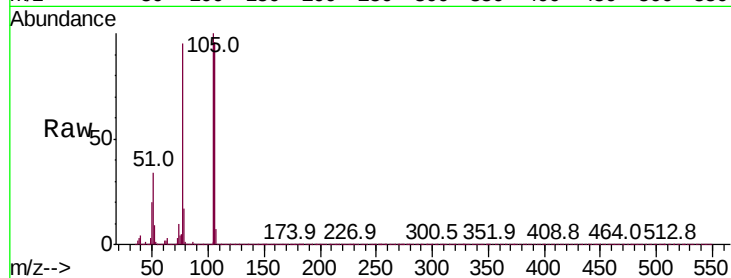
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampled :

Tot Ion: 77 Resp: 740213

Ion	Ratio	Lower	Upper
77	100		
105	105.7	85.1	125.1
106	101.0	80.8	120.8



#10

Phenol

Concen: 39.755 ng

RT: 6.53 min Scan# 755

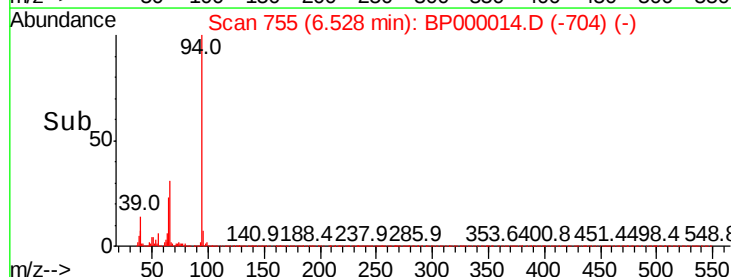
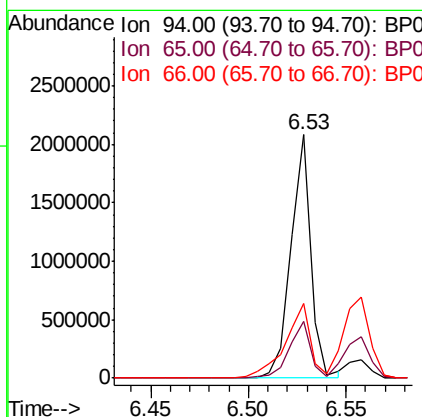
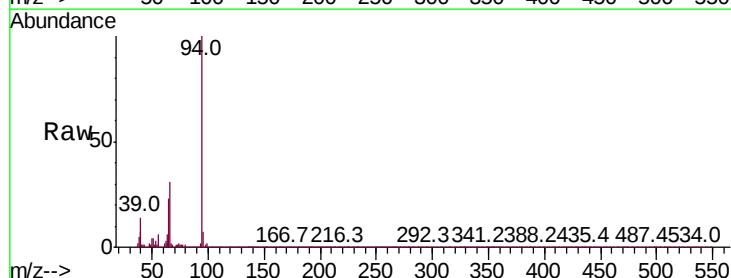
Delta R.T. 0.00 min

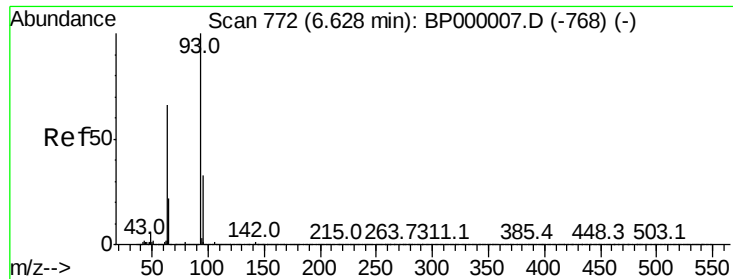
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion: 94 Resp: 1474987

Ion	Ratio	Lower	Upper
94	100		
65	23.2	4.1	44.1
66	30.7	11.4	51.4

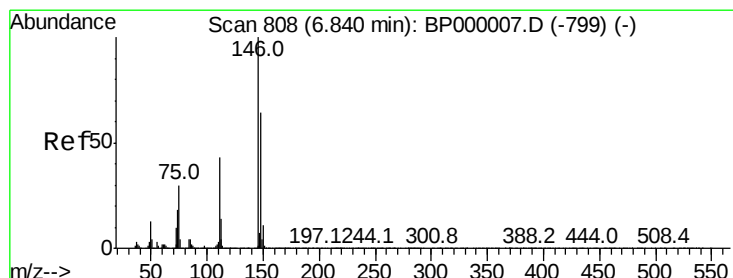
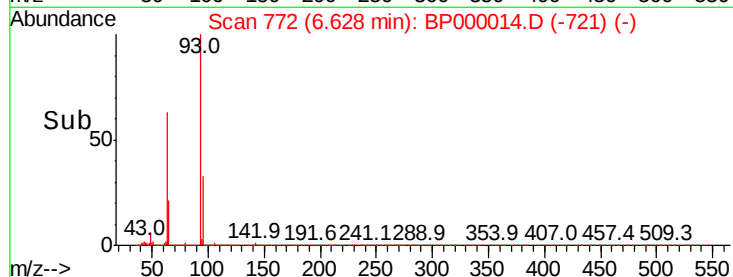
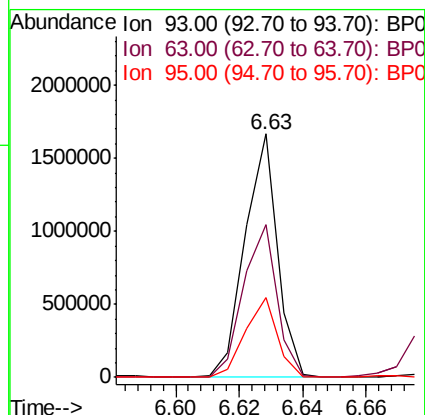
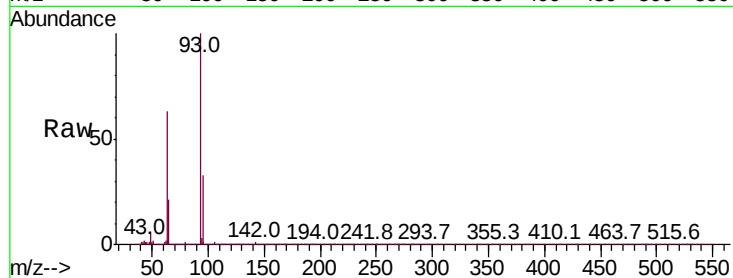




#11
bis(2-Chloroethyl)ether
Concen: 40.305 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

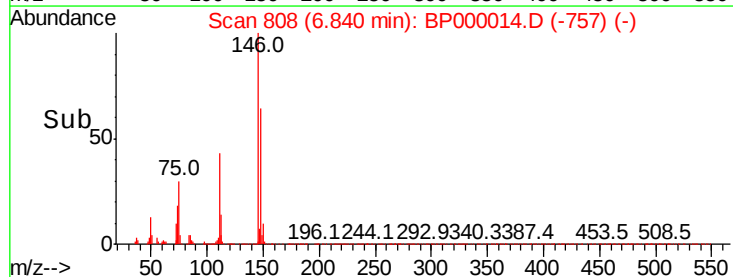
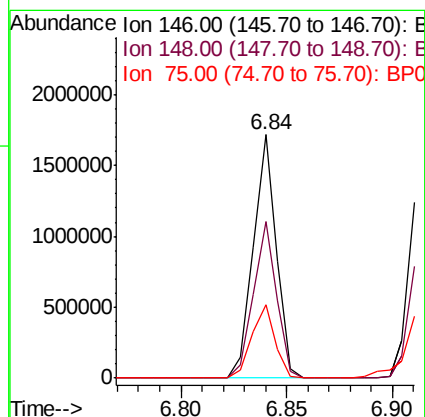
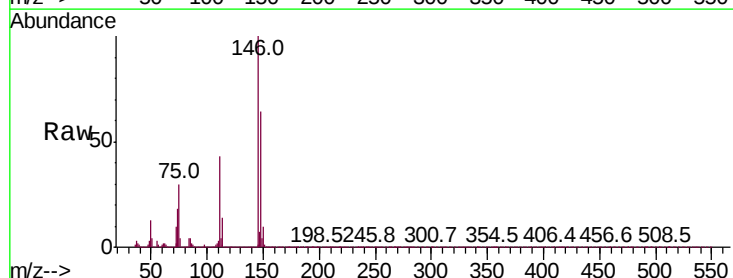
Instrument :
BNA_P
ClientSampleId :

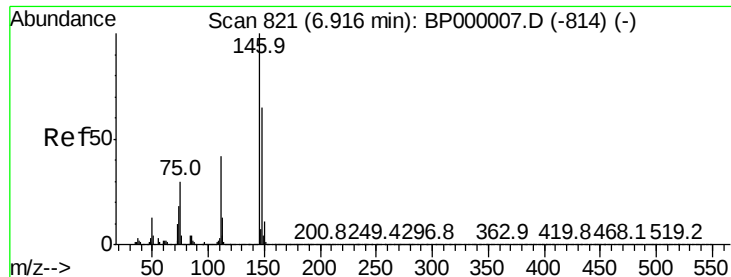
Tot Ion: 93 Resp: 1181296
Ion Ratio Lower Upper
93 100
63 63.0 46.0 86.0
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.812 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion: 146 Resp: 1302091
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 30.2 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 40.951 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

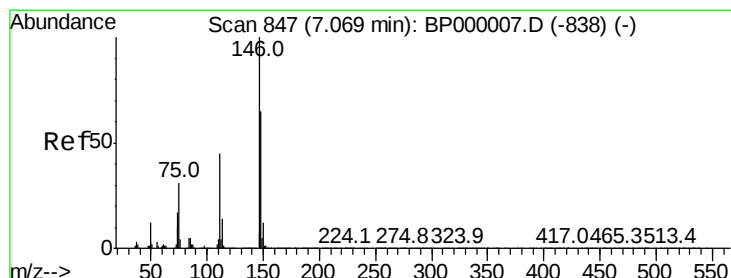
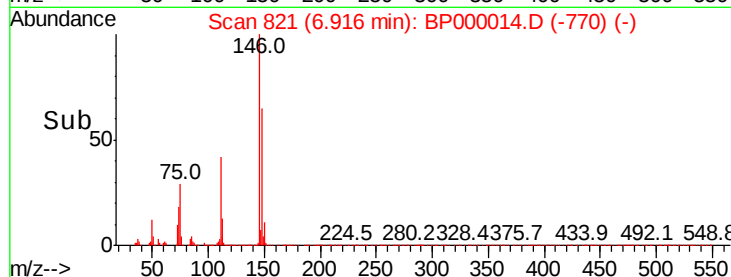
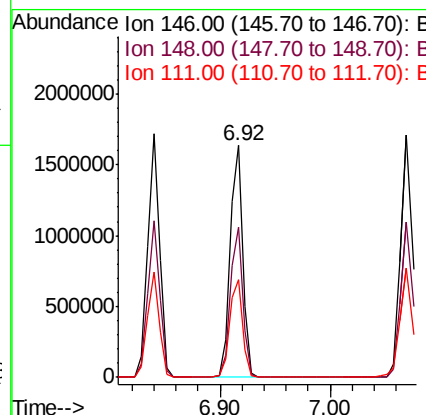
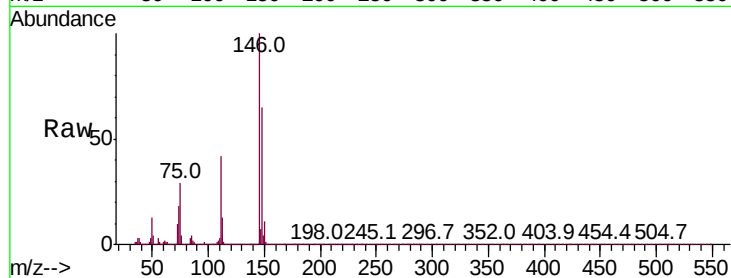
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampled :

Tot Ion:146 Resp: 1301000

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	41.9	33.4	50.0



#14

1,2-Dichlorobenzene

Concen: 41.640 ng

RT: 7.07 min Scan# 847

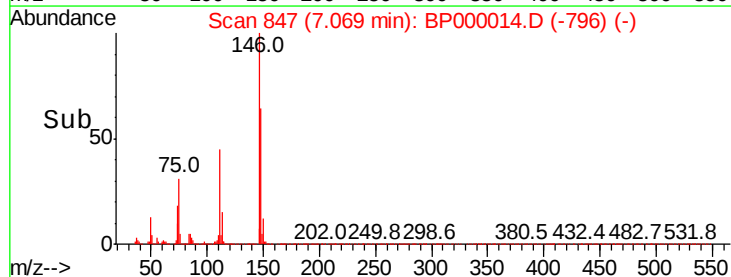
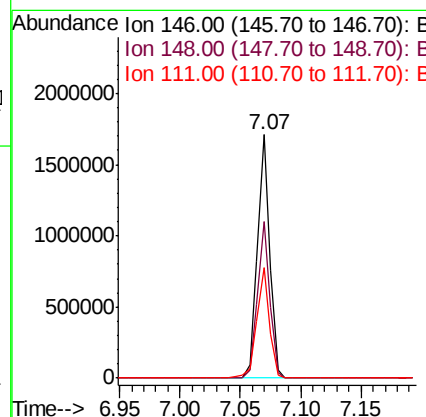
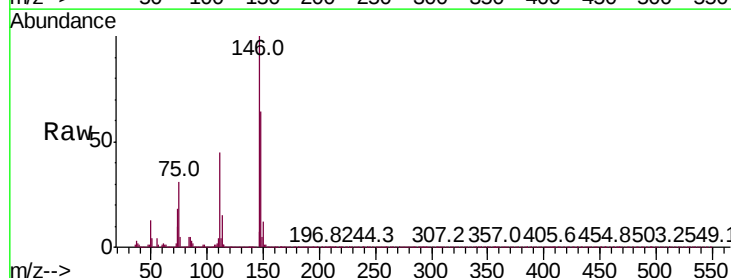
Delta R.T. 0.00 min

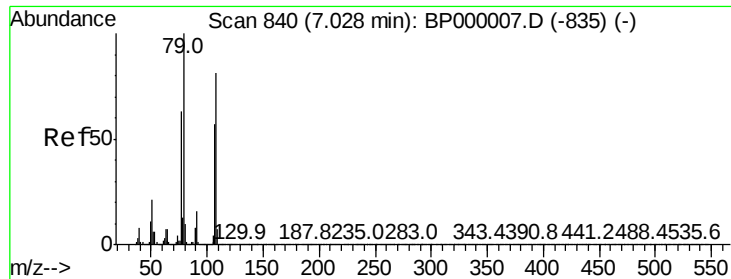
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion:146 Resp: 1215472

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
111	45.2	36.4	54.6





#15

Benzyl Alcohol

Concen: 40.306 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

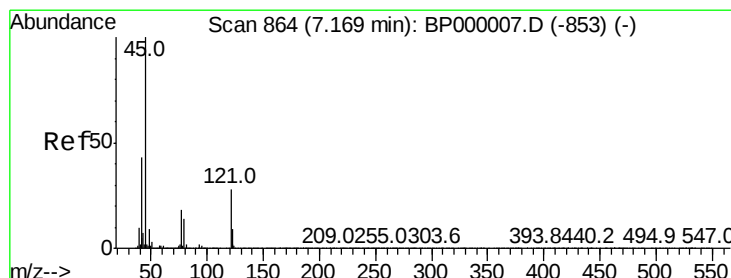
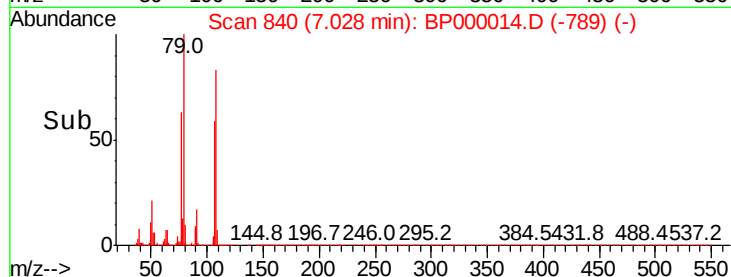
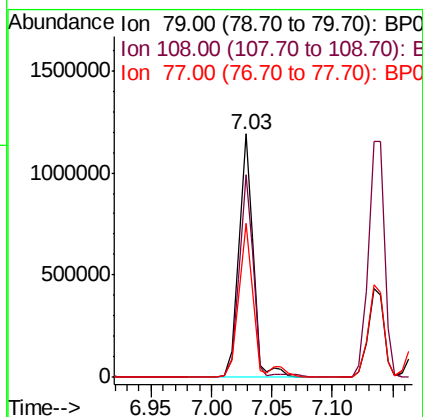
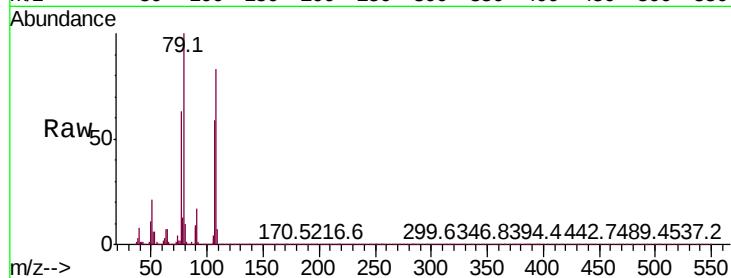
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 986869

Ion	Ratio	Lower	Upper
79	100		
108	83.3	64.5	96.7
77	63.0	50.3	75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.615 ng

RT: 7.17 min Scan# 864

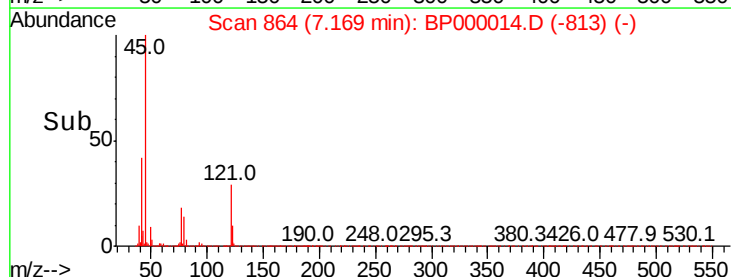
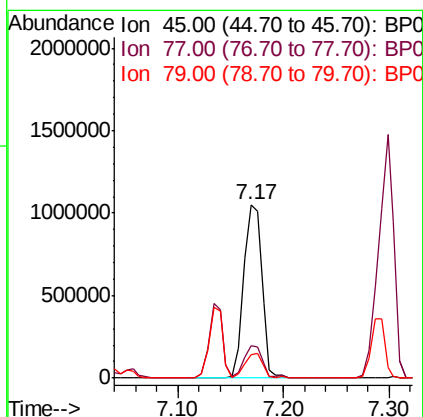
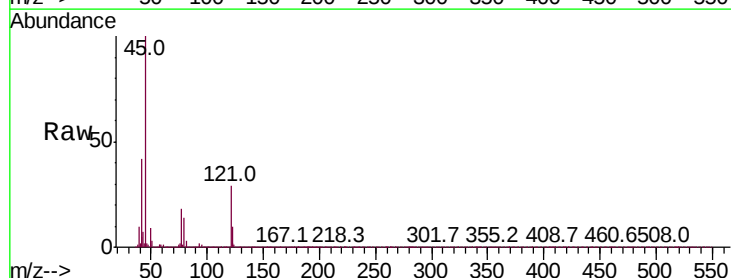
Delta R.T. 0.00 min

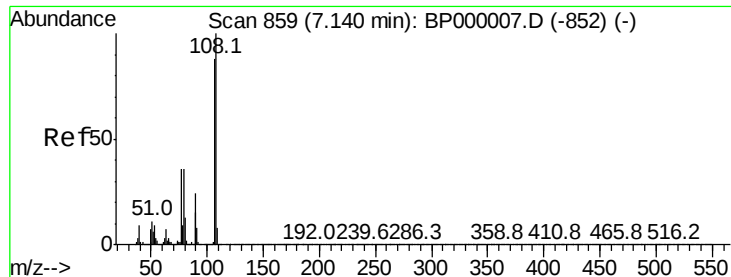
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion: 45 Resp: 1248601

Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	38.0
79	13.8	0.0	33.9





#17

2-Methylphenol

Concen: 40.450 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP000014.D

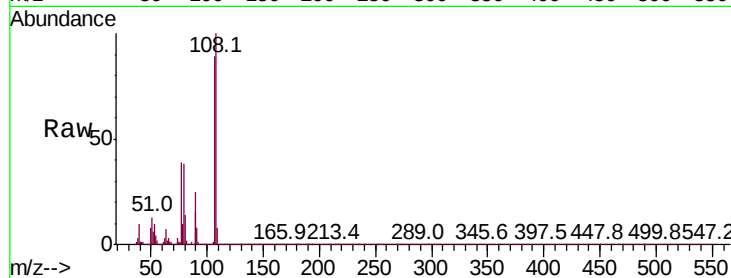
Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	107	Resp:	950227
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	44.6	33.2	49.8
79	42.4	32.8	49.2

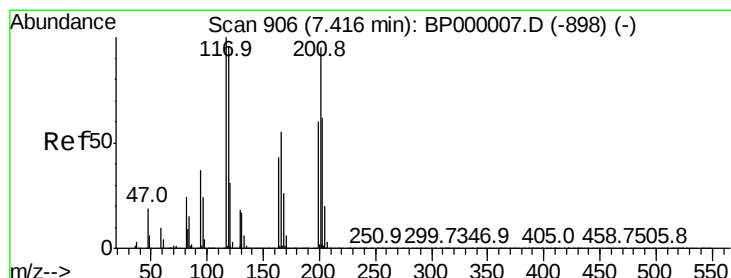
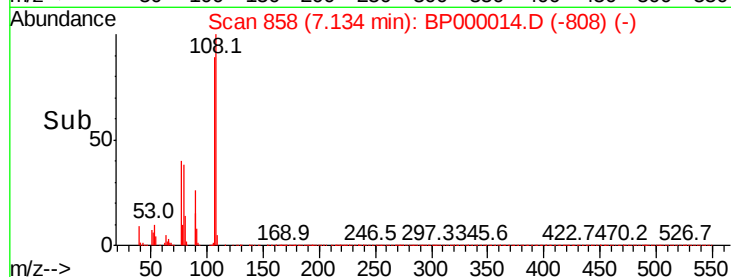
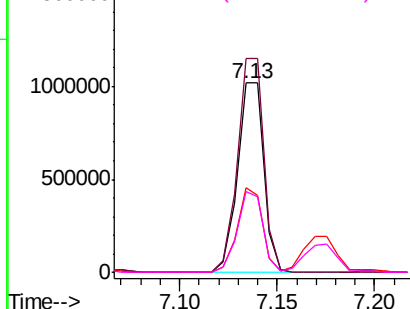


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.242 ng

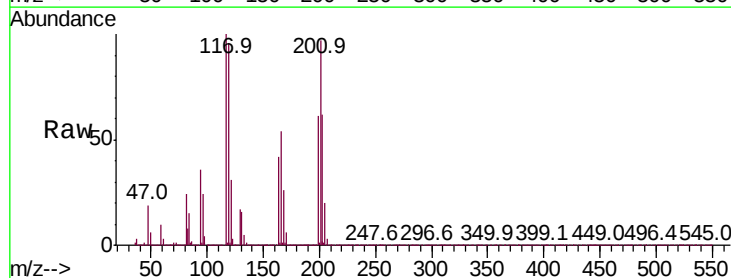
RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

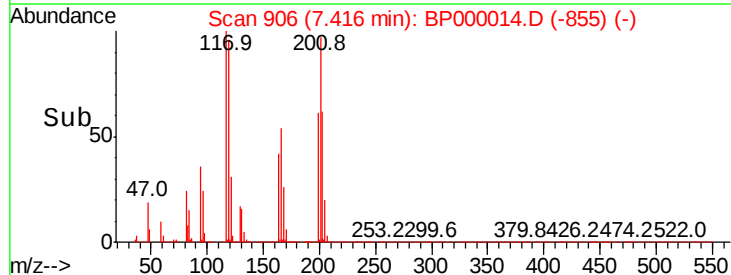
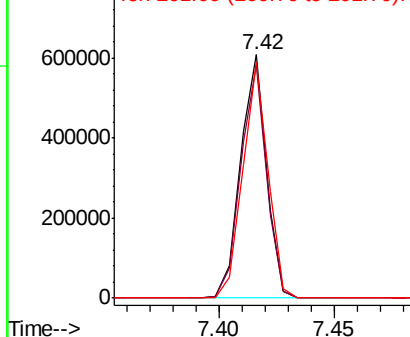
Tgt Ion:	117	Resp:	474178
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
201	96.9	76.2	114.4

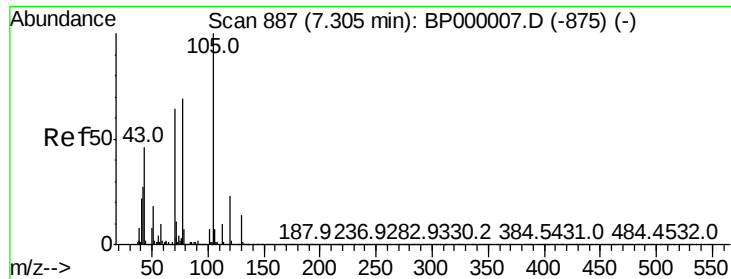


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

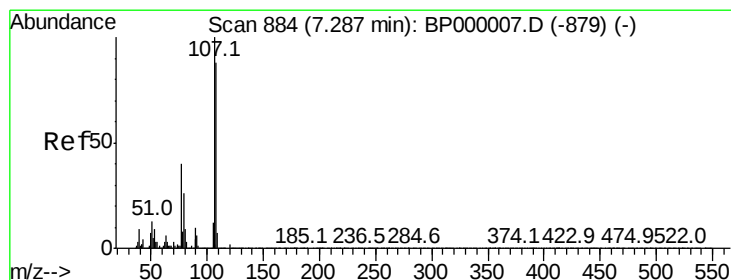
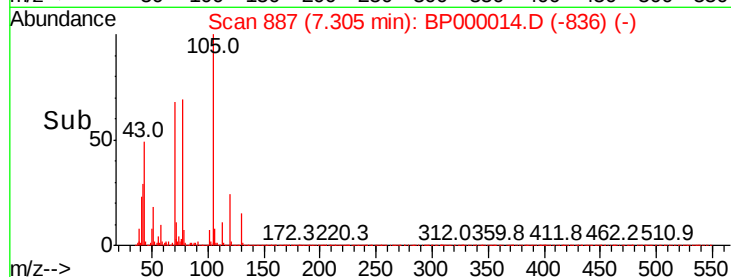
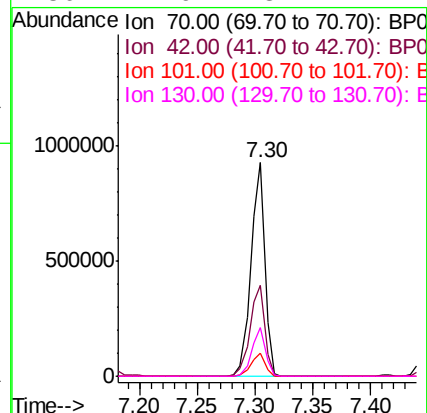
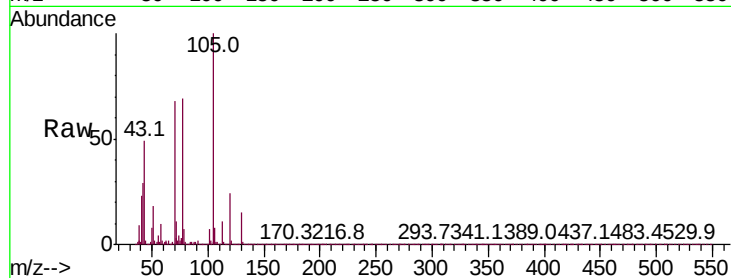




#19
n-Nitroso-di-n-propylamine
Concen: 40.416 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

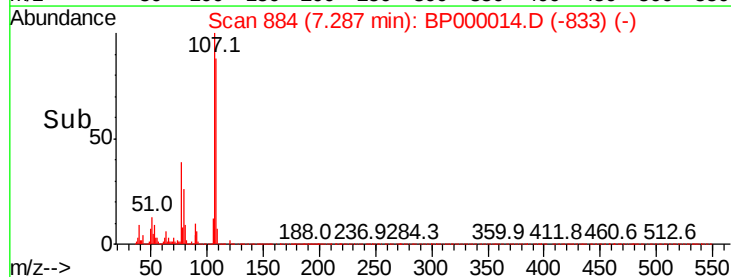
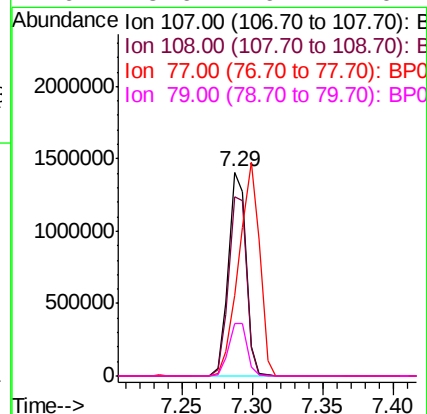
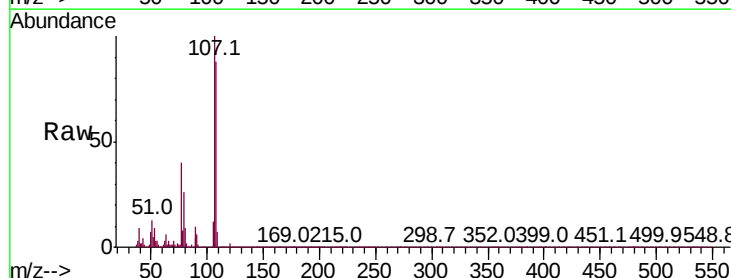
Instrument :
BNA_P
ClientSampleId :

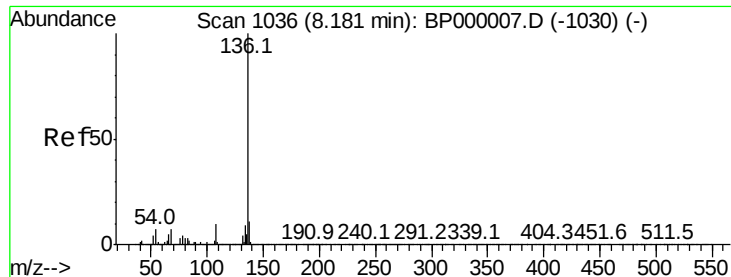
Tot Ion:	70	Resp:	768120
Ion	Ratio	Lower	Upper
70	100		
42	42.3	33.8	50.6
101	10.8	8.7	13.1
130	22.9	18.1	27.1



#20
3+4-Methylphenols
Concen: 41.910 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:	107	Resp:	1227872
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.1	108.1
77	39.5	19.8	59.8
79	25.6	6.1	46.1

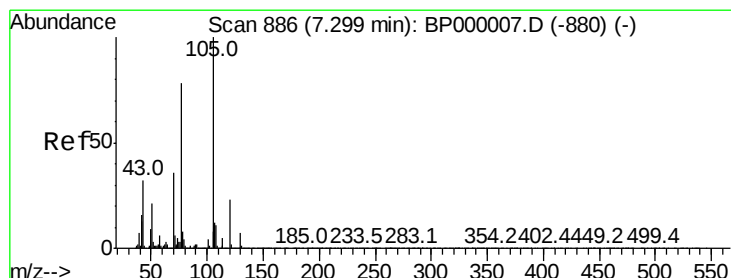
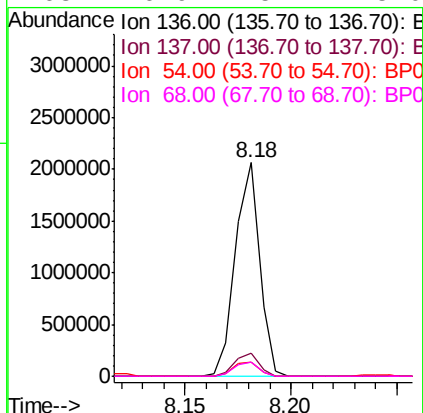
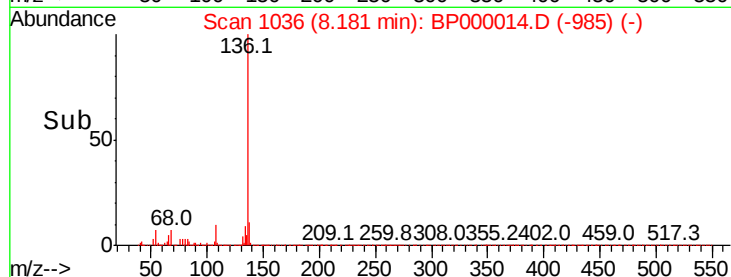
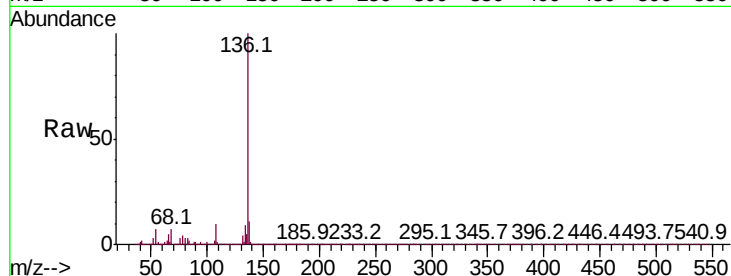




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

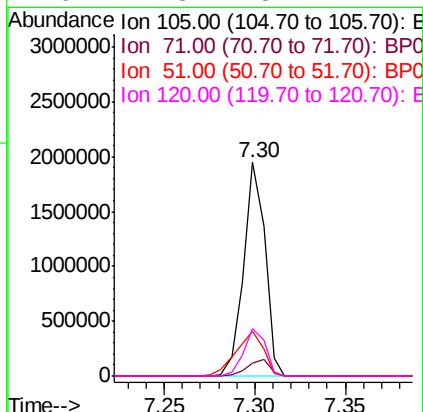
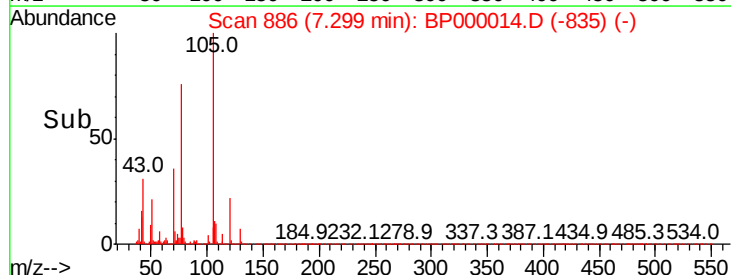
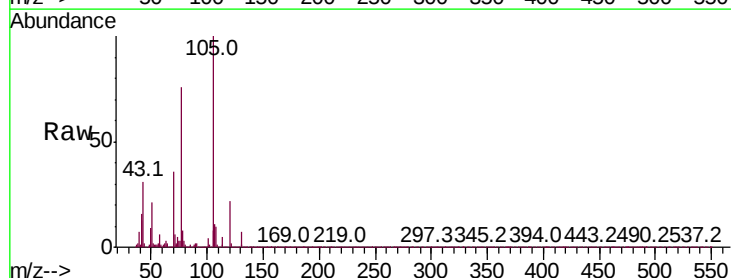
Instrument :
BNA_P
ClientSampleId :

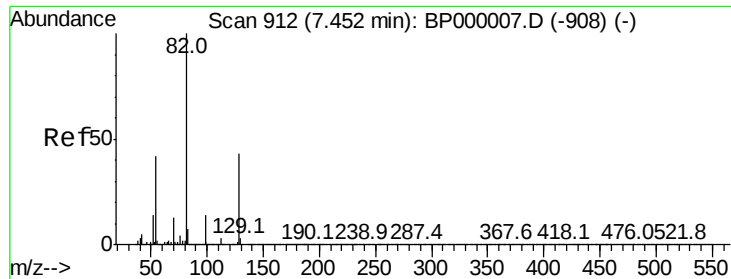
Tot Ion:136	Resp: 1631864
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 6.7	5.4 8.2
68 6.9	5.4 8.0



#22
Acetophenone
Concen: 40.765 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt	Ion:105	Resp:	1593373
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.8	7.2
51	21.0	17.0	25.4
120	22.3	18.1	27.1

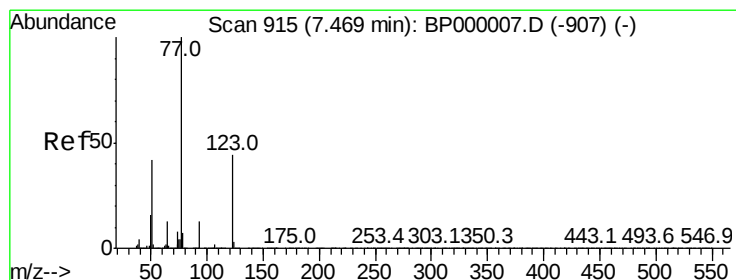
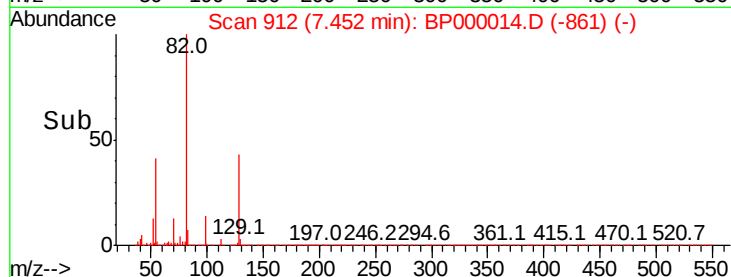
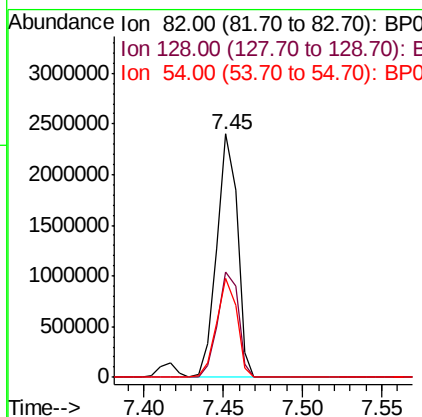
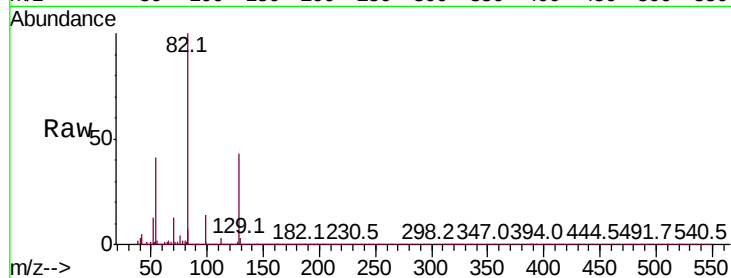




#23
Nitrobenzene-d5
Concen: 81.389 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

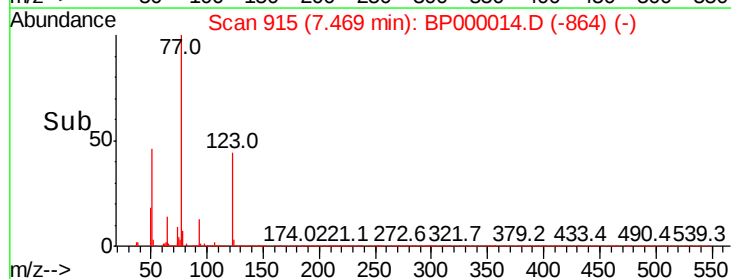
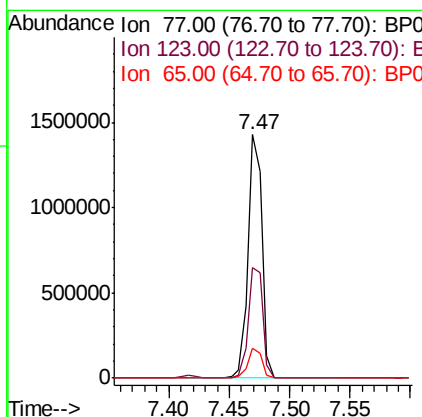
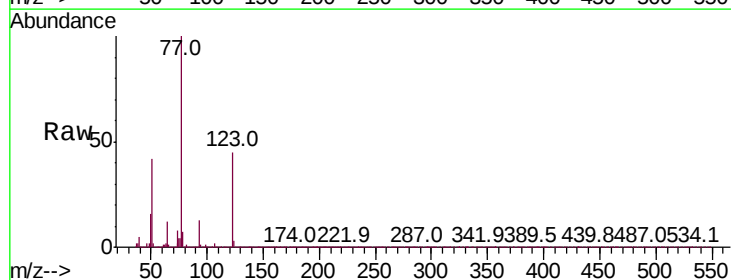
Instrument :
BNA_P
ClientSampleId :

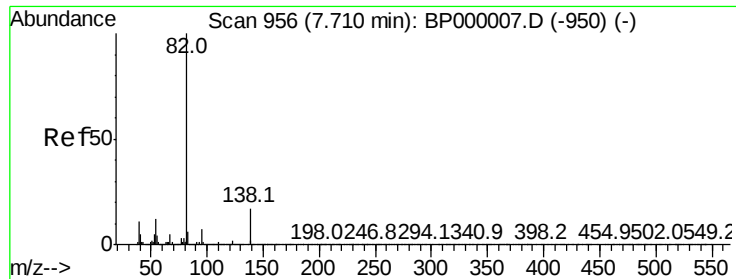
Tot Ion: 82 Resp: 2164543
Ion Ratio Lower Upper
82 100
128 43.4 34.5 51.7
54 40.9 33.2 49.8



#24
Nitrobenzene
Concen: 39.859 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion: 77 Resp: 1148410
Ion Ratio Lower Upper
77 100
123 45.4 35.8 53.8
65 12.4 10.1 15.1





#25

Isophorone

Concen: 39.486 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

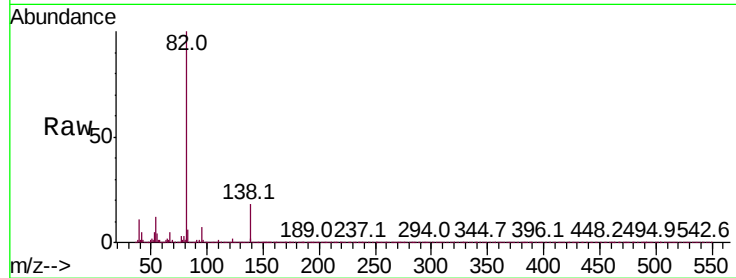
Tot Ion: 82 Resp: 2218820

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

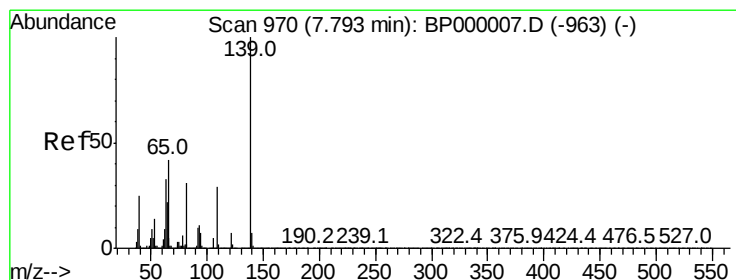
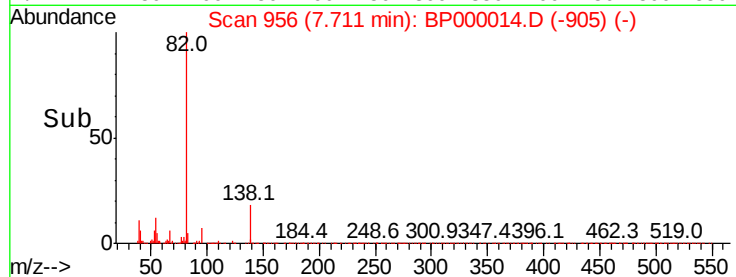
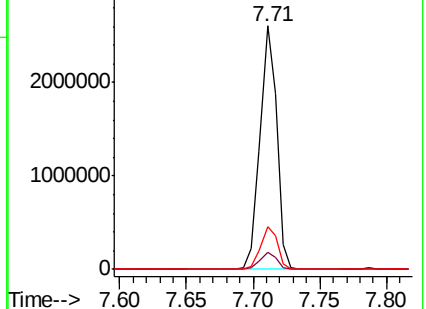
138 17.7 13.8 20.6



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): BP0



#26

2-Nitrophenol

Concen: 41.259 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

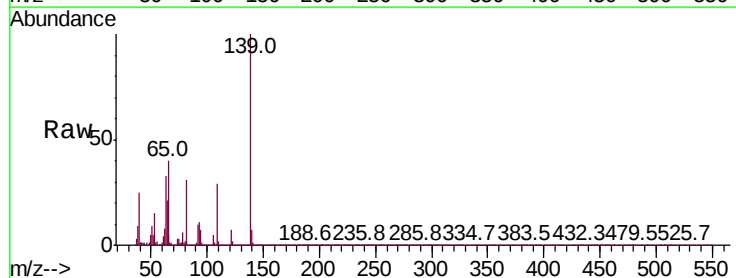
Tgt Ion:139 Resp: 462933

Ion Ratio Lower Upper

139 100

109 28.6 23.4 35.0

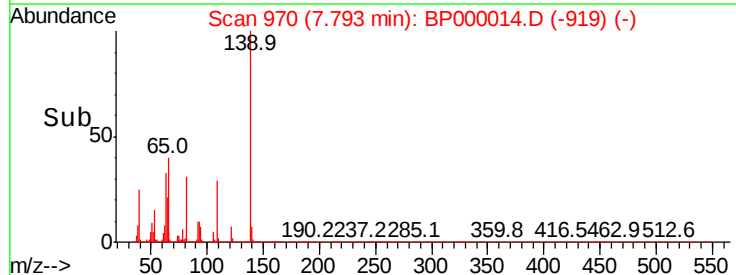
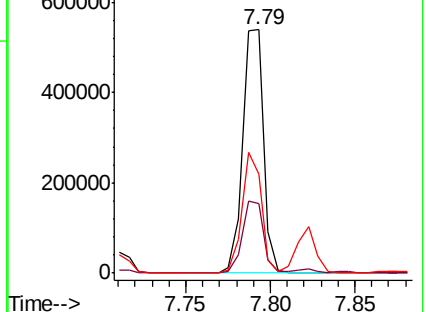
65 40.4 33.4 50.0

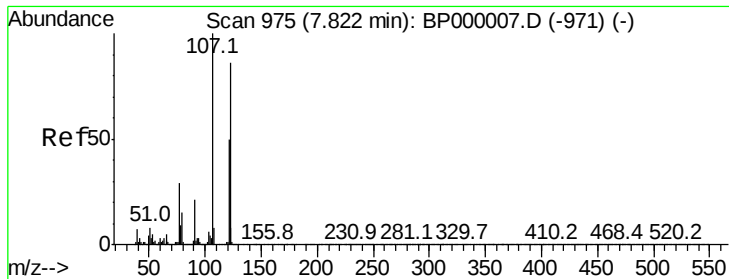


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 39.935 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

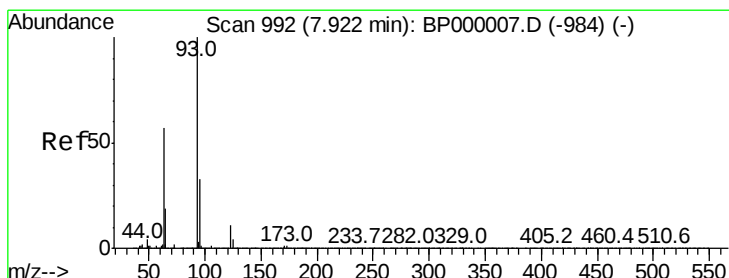
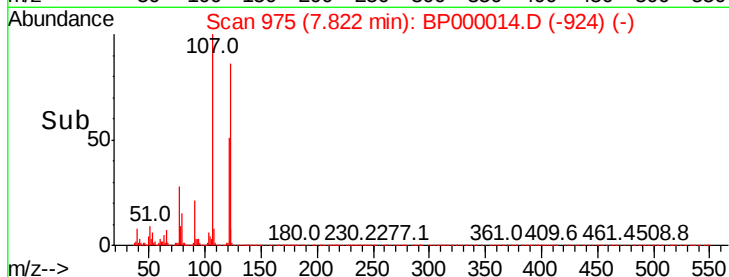
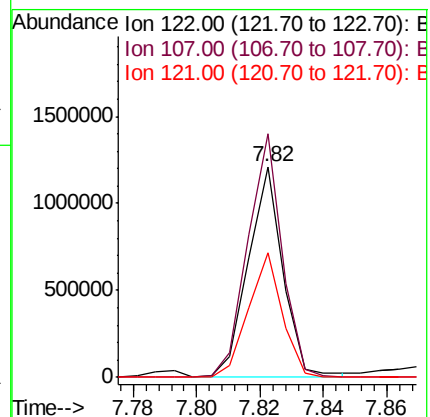
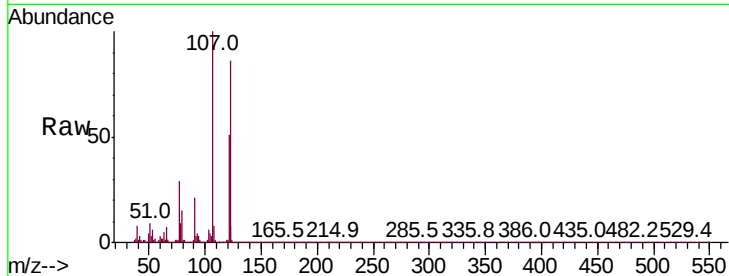
Tot Ion:122 Resp: 904172

Ion Ratio Lower Upper

122 100

107 115.7 92.9 139.3

121 58.9 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.424 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

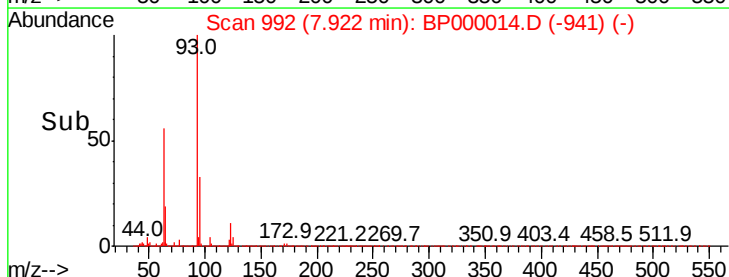
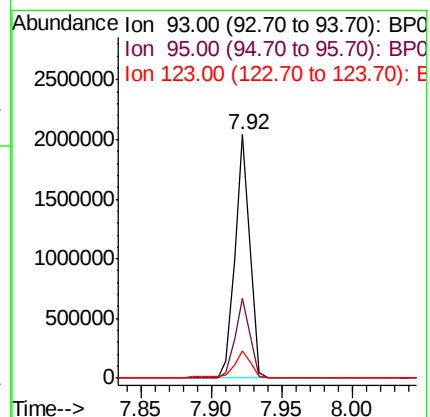
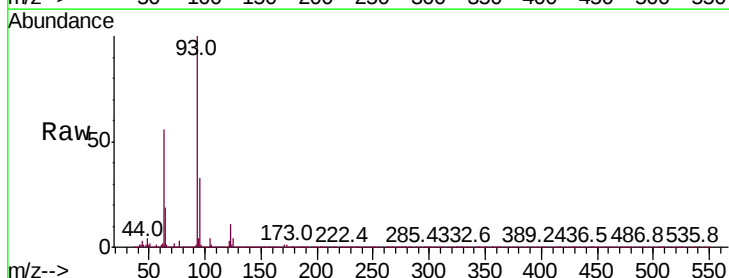
Tgt Ion: 93 Resp: 1477118

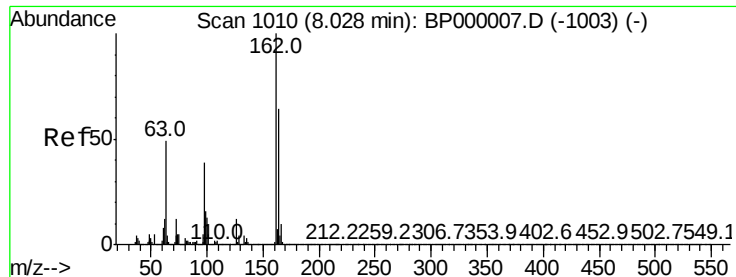
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.080 ng

RT: 8.03 min Scan# 1010

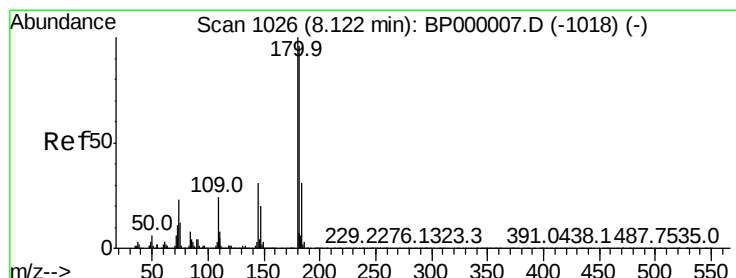
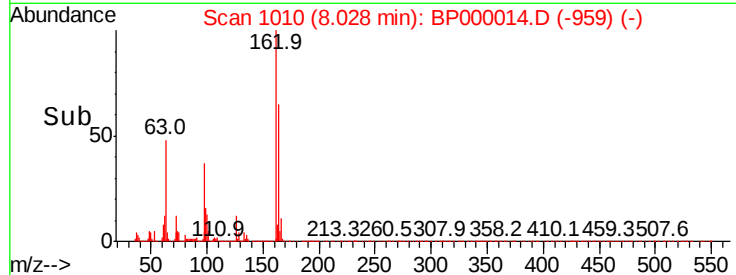
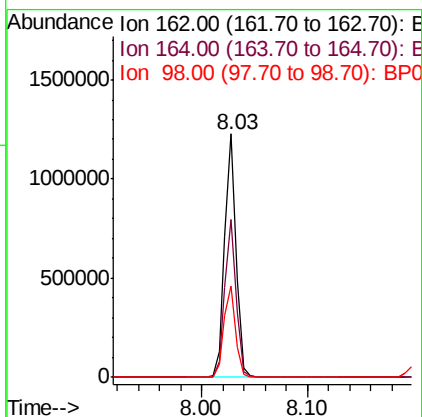
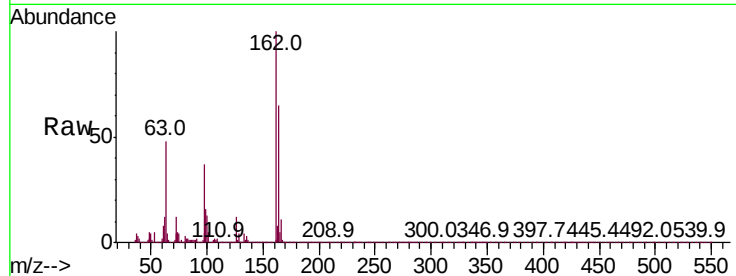
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.2	84.2
98	37.5	18.7	58.7



#30

1,2,4-Trichlorobenzene

Concen: 40.147 ng

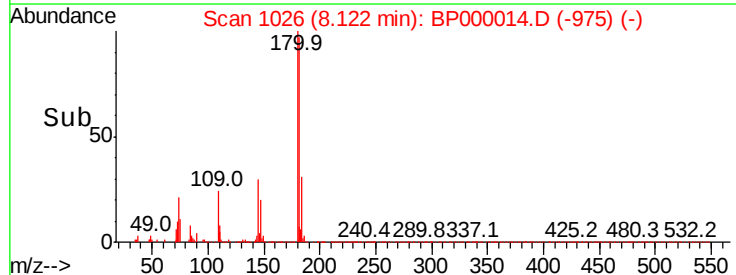
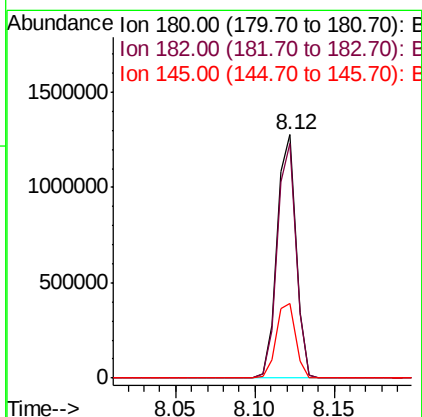
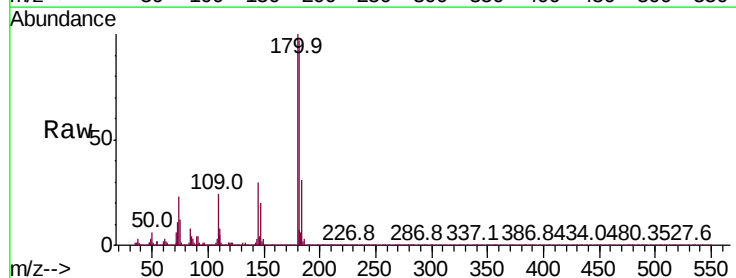
RT: 8.12 min Scan# 1026

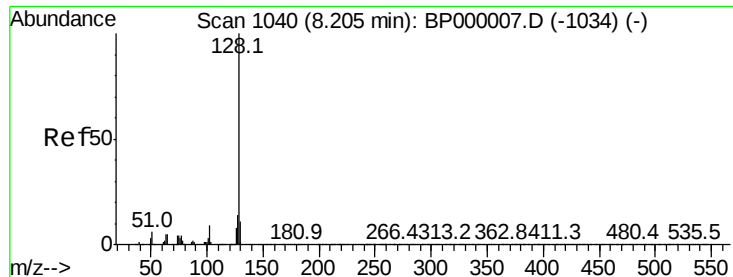
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.7	115.1
145	30.5	24.8	37.2

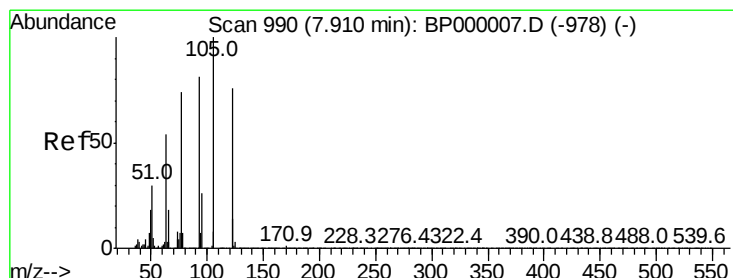
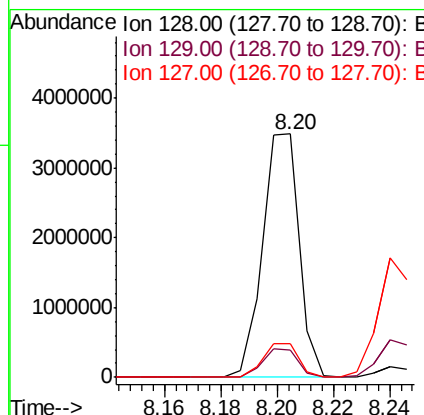
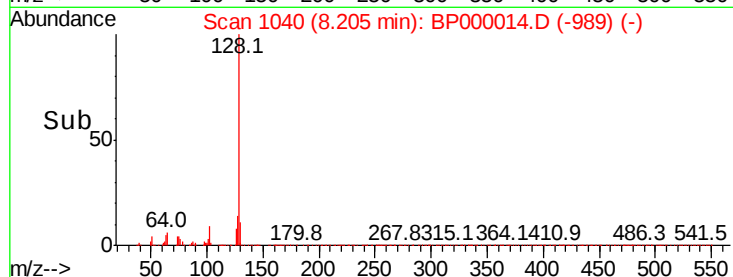
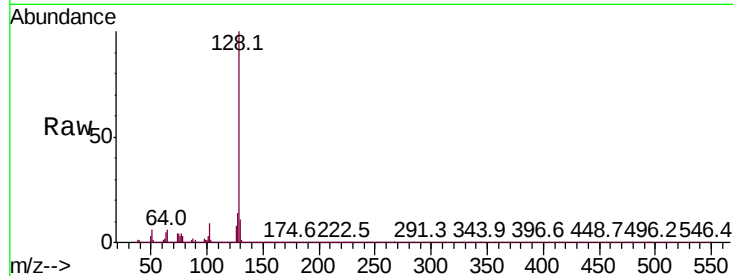




#31
Naphthalene
Concen: 41.875 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

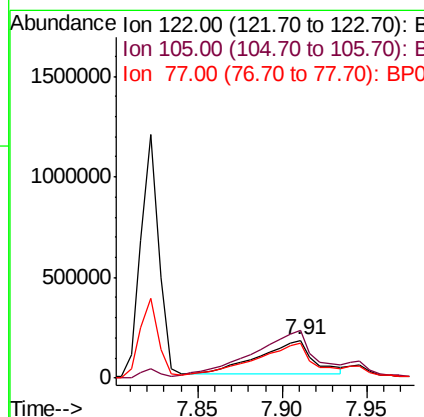
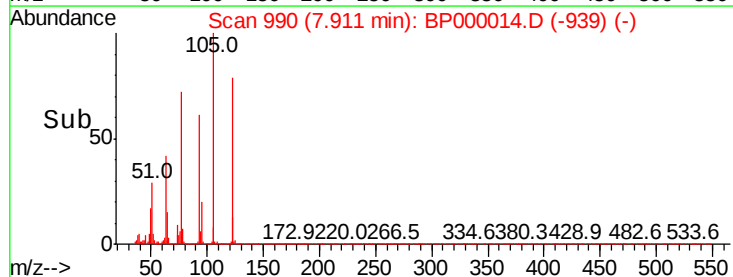
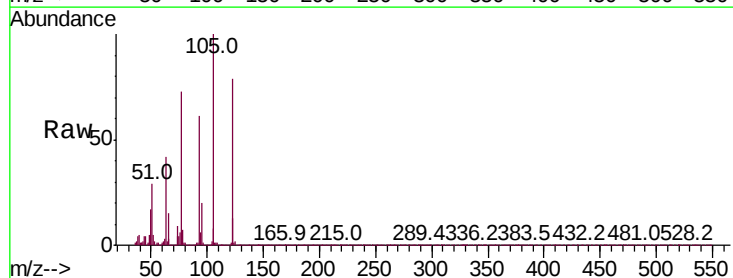
Instrument :
BNA_P
ClientSampleId :

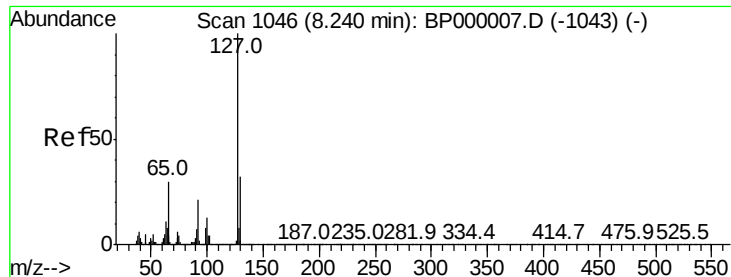
Tot Ion:128 Resp: 3135234
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 28.212 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:122 Resp: 367172
Ion Ratio Lower Upper
122 100
105 126.2 104.6 144.6
77 91.5 74.1 114.1

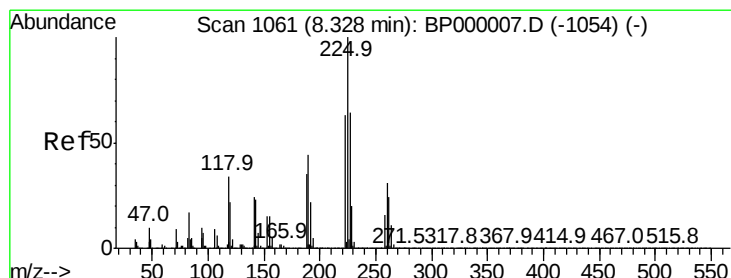
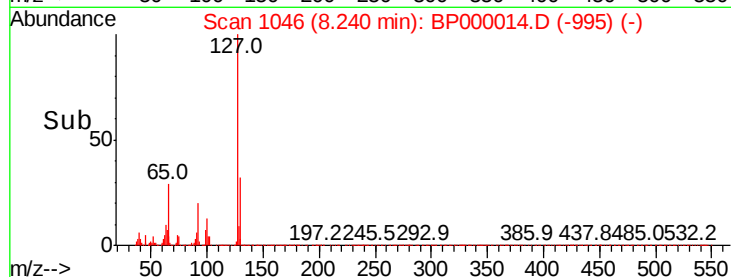
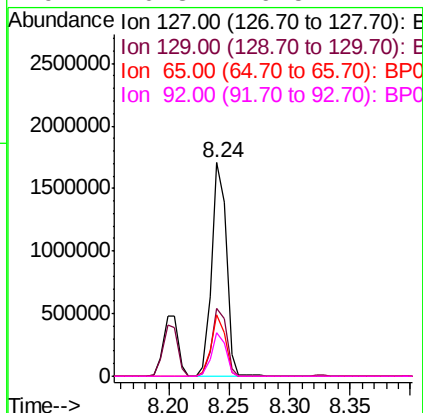
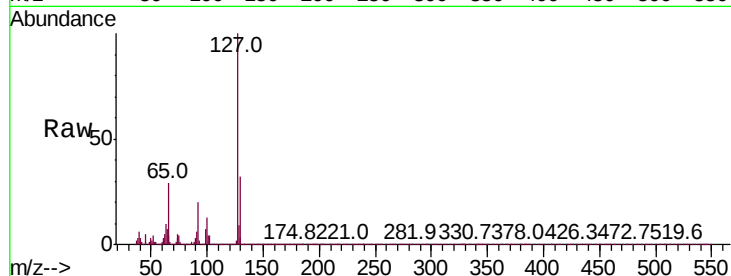




#33
4-Chloroaniline
Concen: 40.230 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

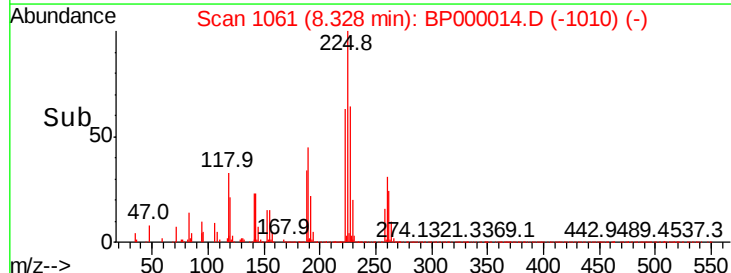
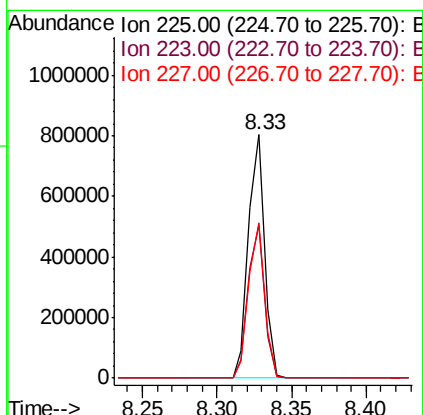
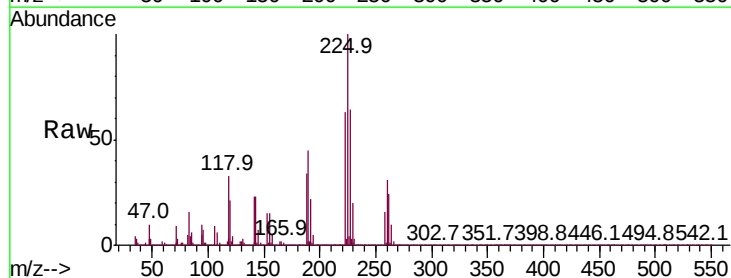
Instrument :
BNA_P
ClientSampleId :

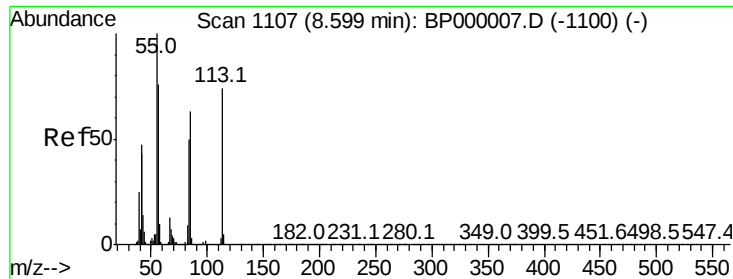
Tot Ion:127	Resp: 1420605
Ion Ratio	Lower Upper
127 100	
129 31.9	25.8 38.6
65 28.9	24.2 36.2
92 20.3	16.5 24.7



#34
Hexachlorobutadiene
Concen: 40.011 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion	225	Resp: Lower	598360 Upper
	Ratio		
225	100		
223	62.7	50.6	76.0
227	63.9	51.0	76.4

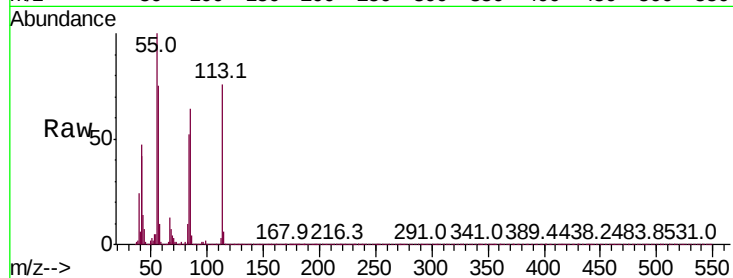




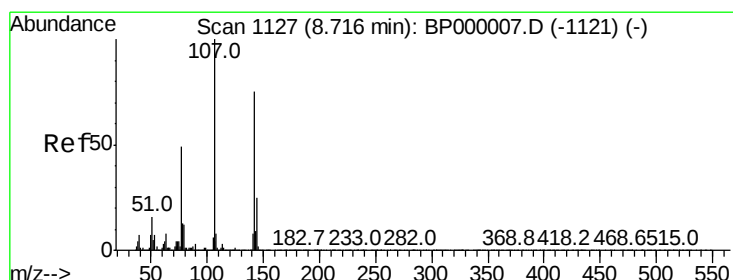
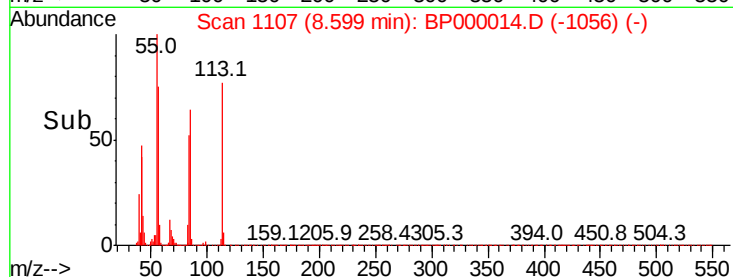
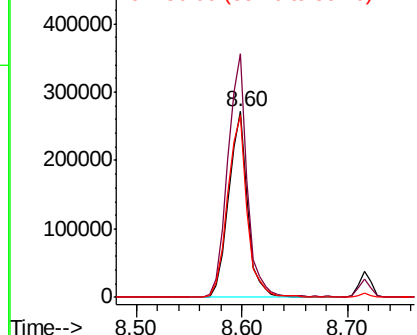
#35
Caprolactam
Concen: 40.688 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:113 Resp: 336874
Ion Ratio Lower Upper
113 100
55 130.9 114.6 154.6
56 97.7 82.1 122.1

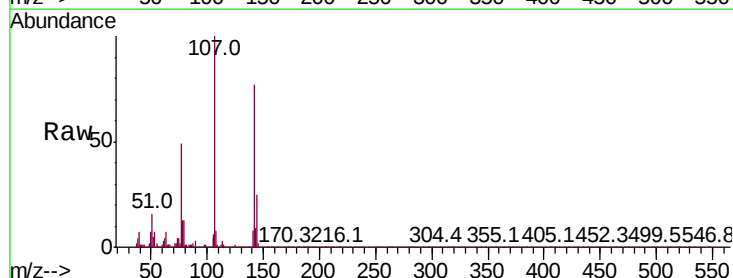


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BP0
Ion 56.00 (55.70 to 56.70): BP0

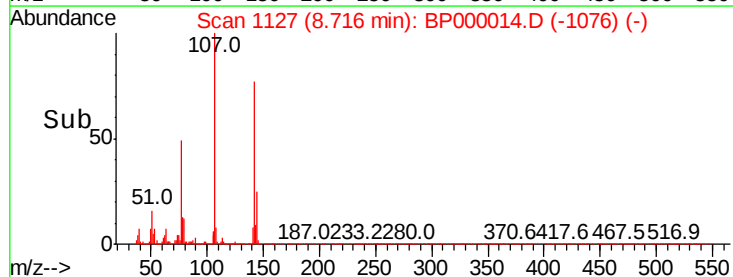
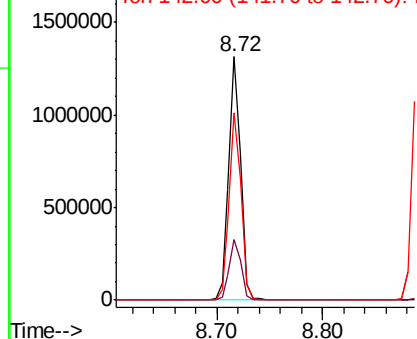


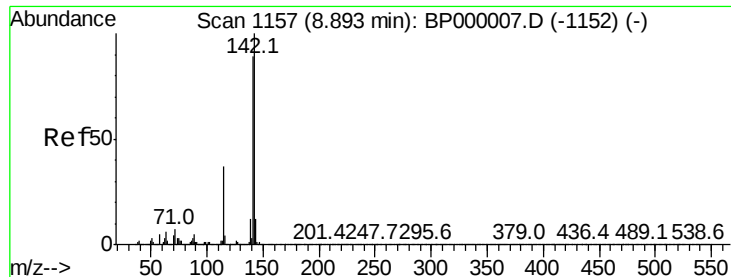
#36
4-Chloro-3-methylphenol
Concen: 40.695 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:107 Resp: 1033738
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.6
142 77.1 60.4 90.6



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

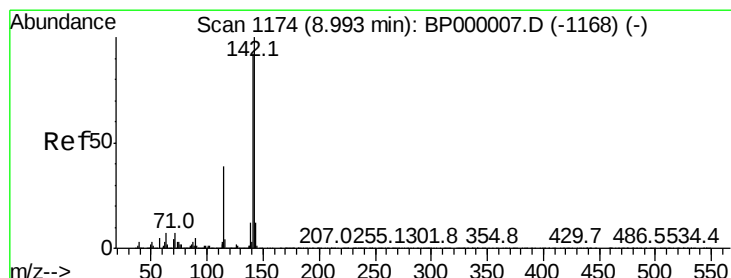
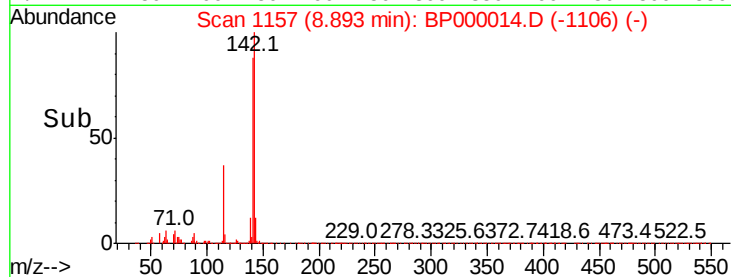
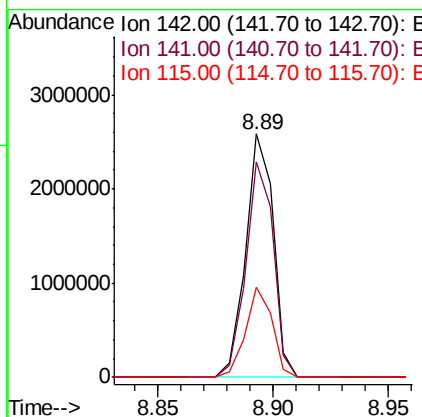
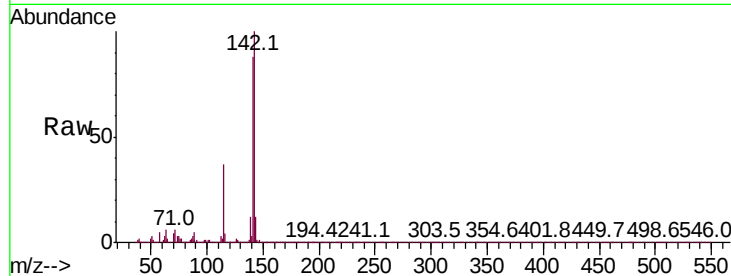




#37
2-Methylnaphthalene
Concen: 41.418 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

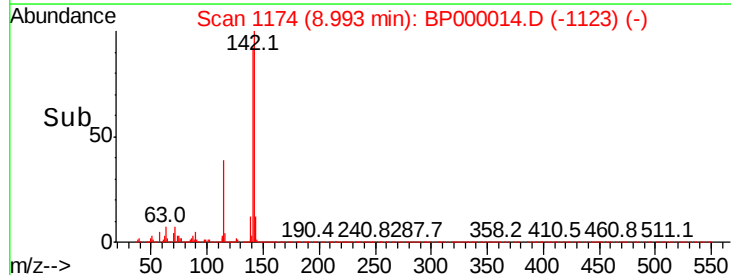
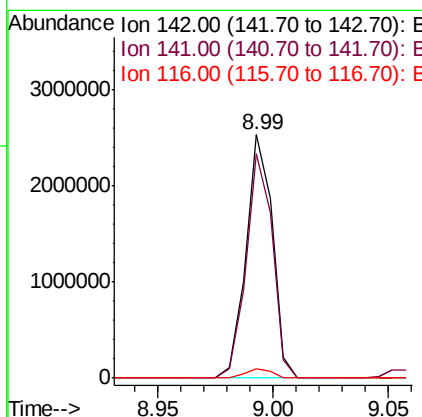
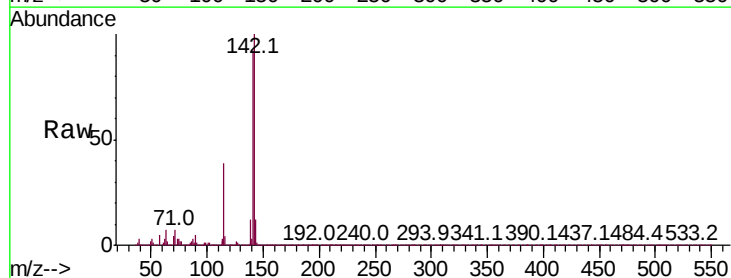
Instrument :
BNA_P
ClientSampleId :

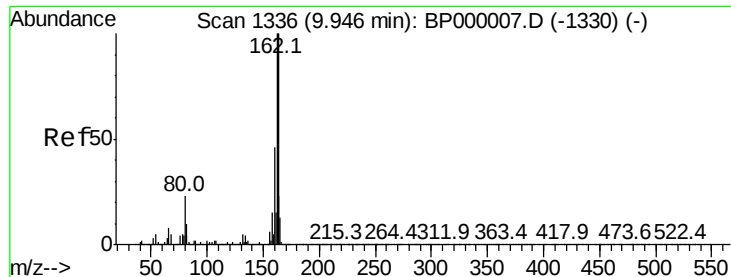
Tot Ion:142 Resp: 2167096
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4
115 37.0 29.4 44.2



#38
1-Methylnaphthalene
Concen: 41.085 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:142 Resp: 2025471
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

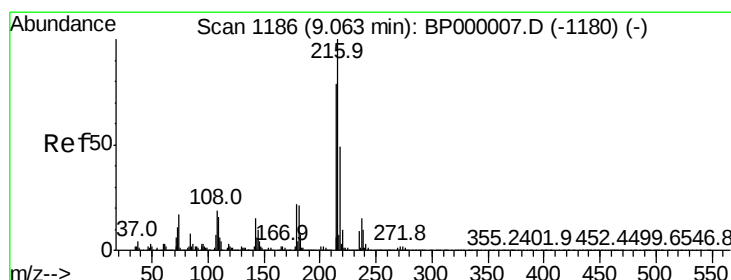
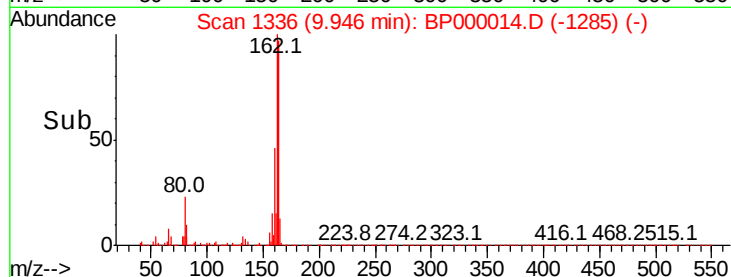
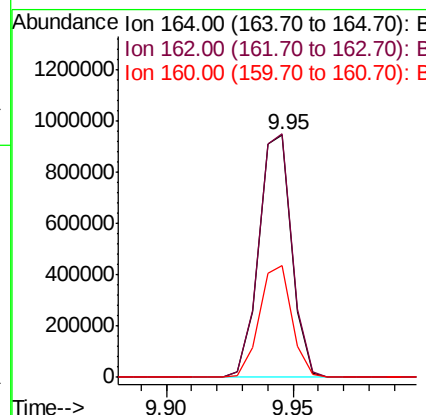
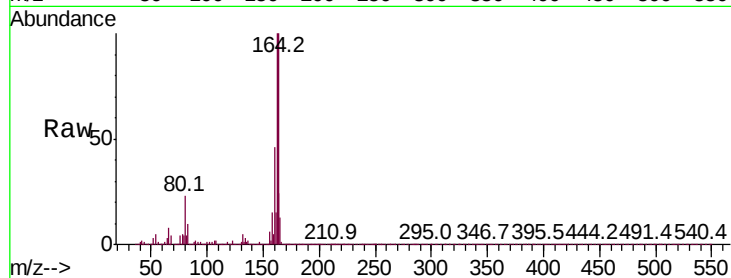
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	46.1	36.6	55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.005 ng

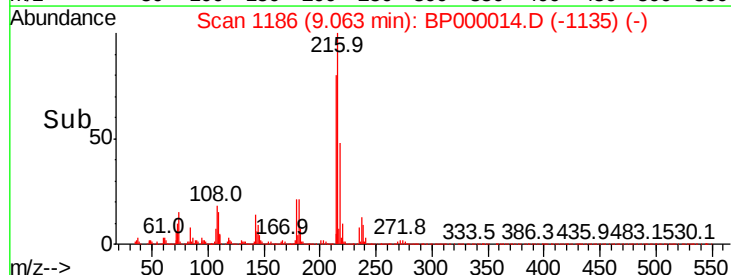
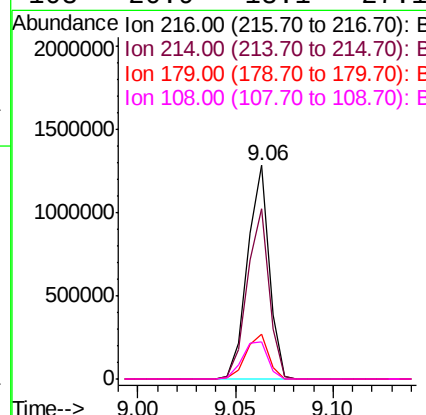
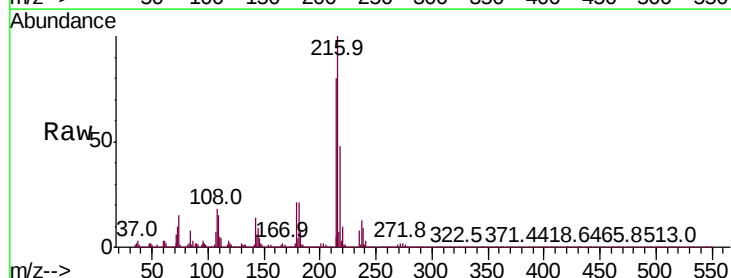
RT: 9.06 min Scan# 1186

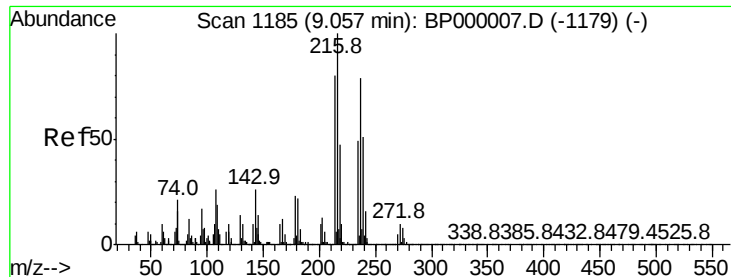
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	21.8	17.8	26.6
108	20.9	18.1	27.1





#41

Hexachlorocyclopentadiene

Concen: 39.992 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

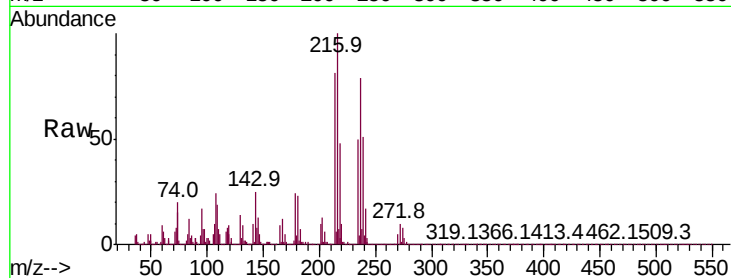
Tot Ion:237 Resp: 529657

Ion Ratio Lower Upper

237 100

235 62.7 42.0 82.0

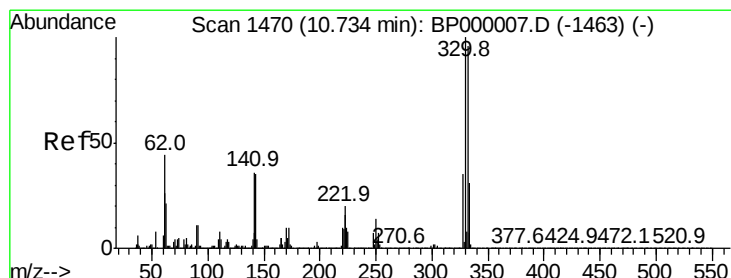
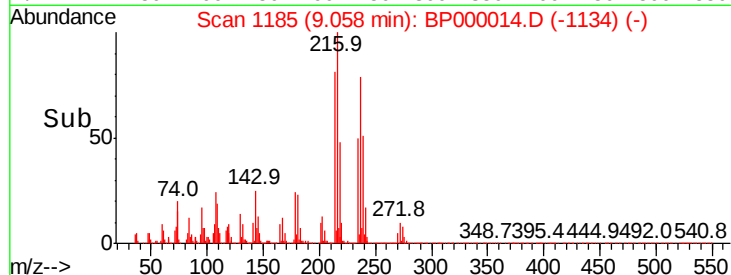
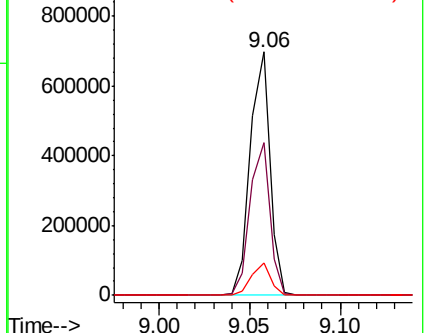
272 13.1 0.0 33.1



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: 83.626 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

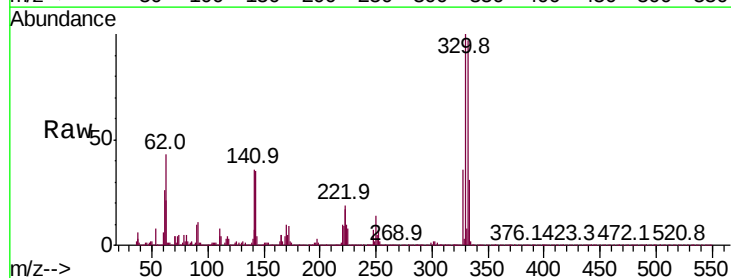
Tgt Ion:330 Resp: 599006

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

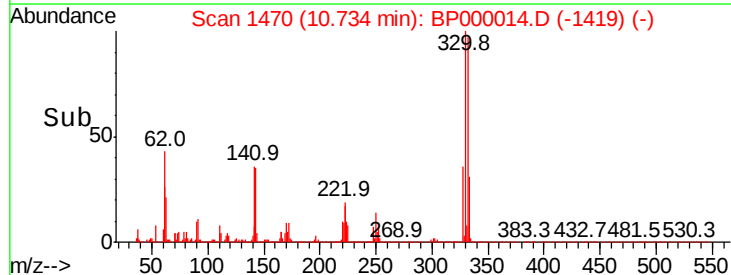
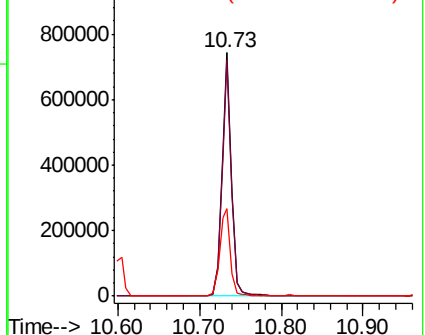
141 40.9 33.6 50.4

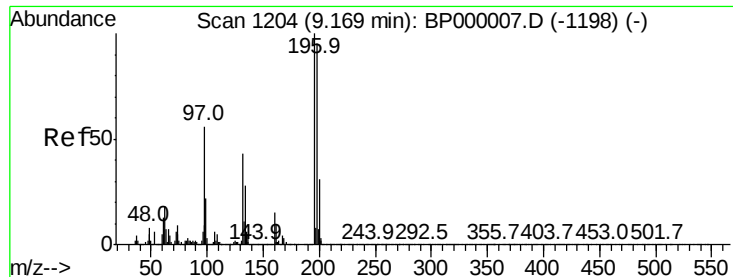


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

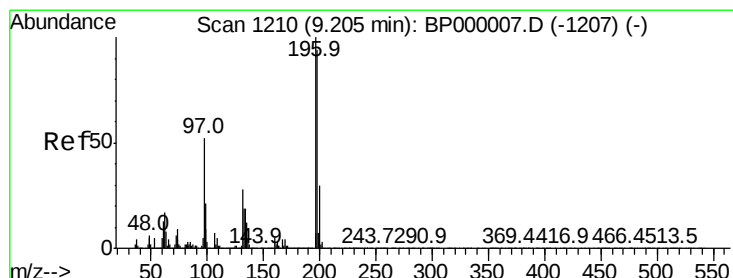
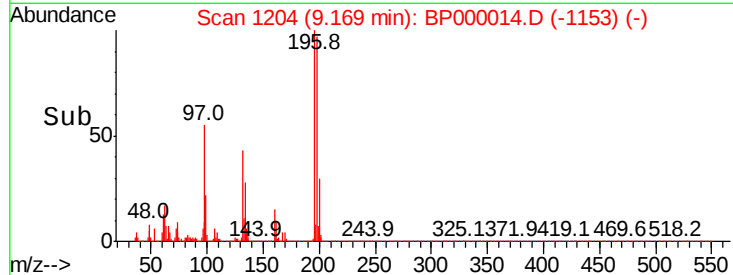
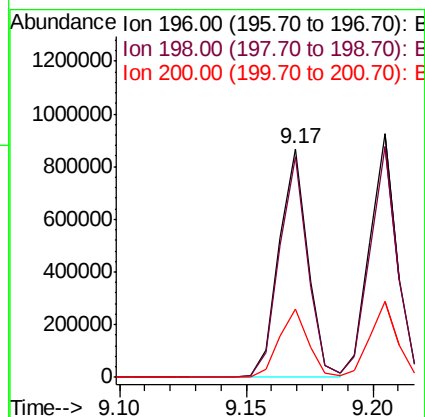
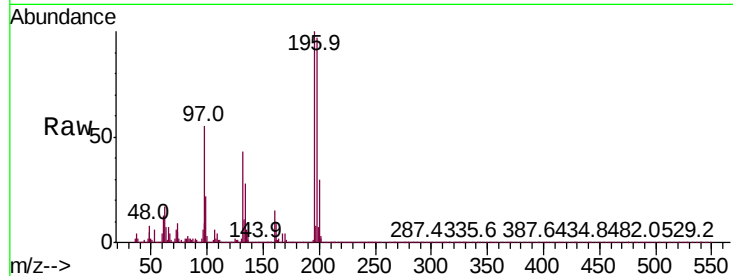




#43
 2,4,6-Trichlorophenol
 Concen: 41.079 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BP000014.D
 Acq: 30 Aug 2019 19:34

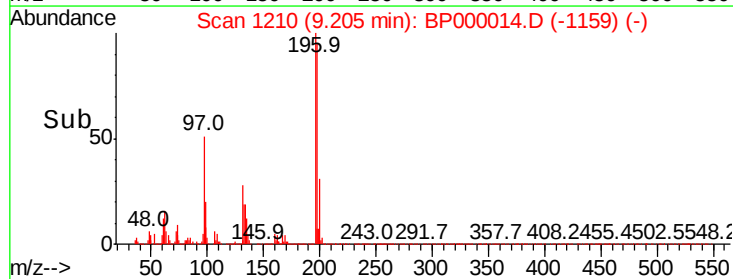
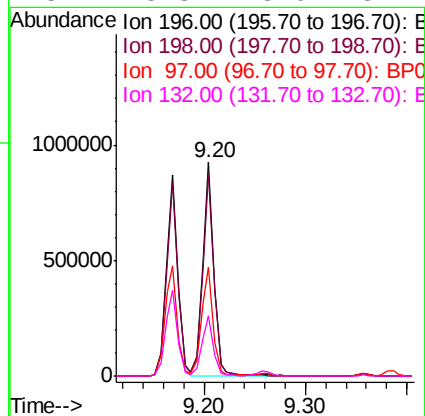
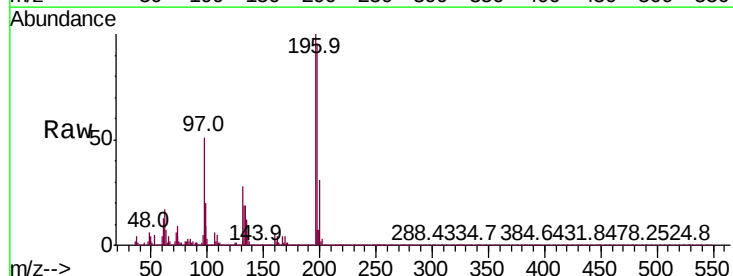
Instrument :
 BNA_P
 ClientSampleId :

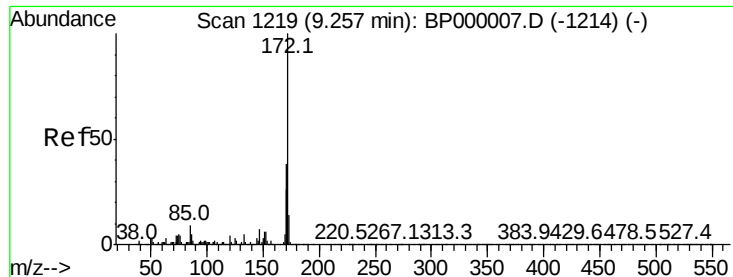
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.2	114.2
200	30.1	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.738 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BP000014.D
 Acq: 30 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.9	112.3
97	50.7	42.2	63.2
132	28.3	23.0	34.4

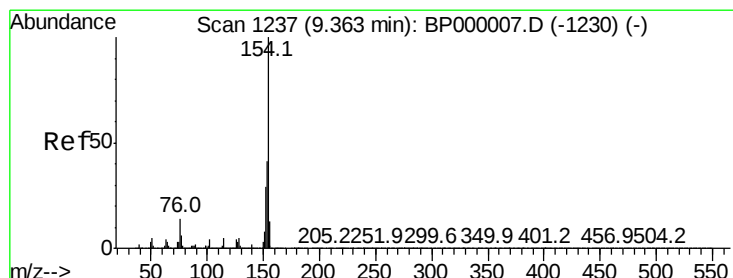
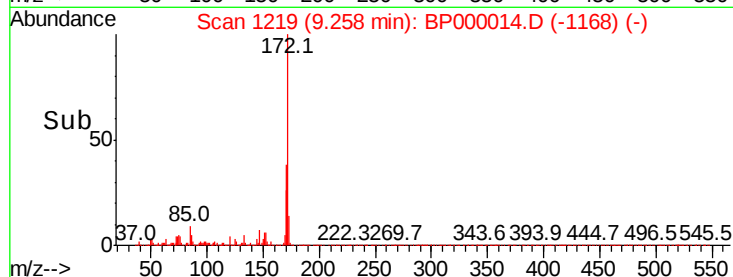
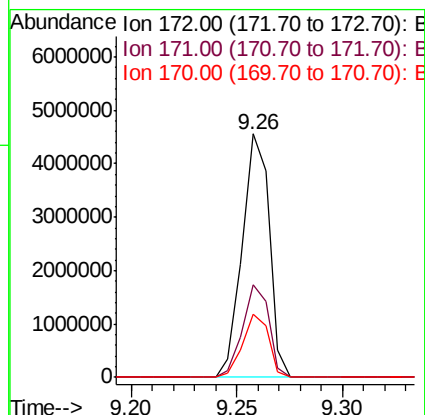
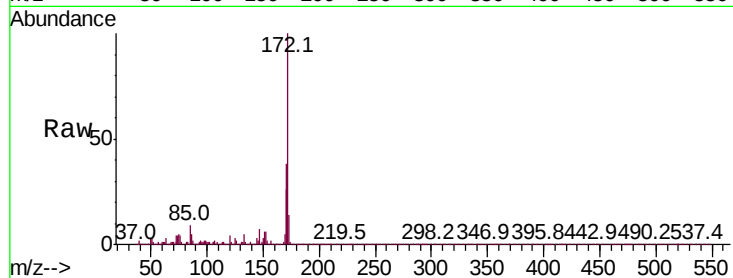




#45
2-Fluorobiphenyl
Concen: 79.203 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

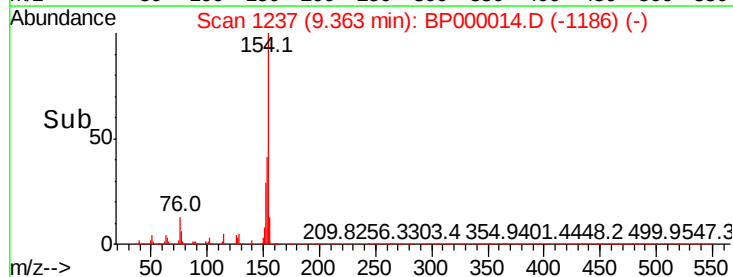
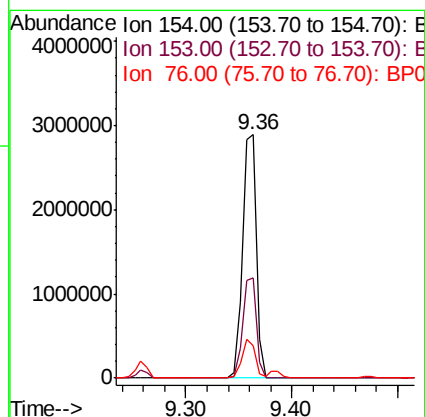
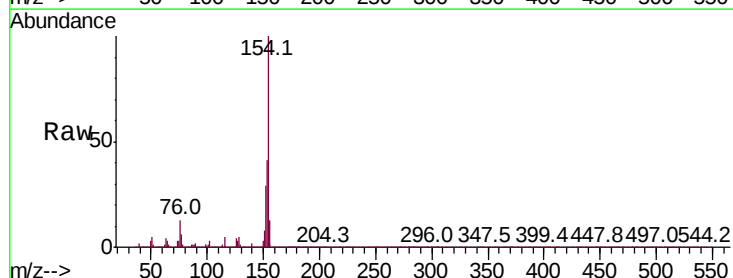
Instrument :
BNA_P
ClientSampleId :

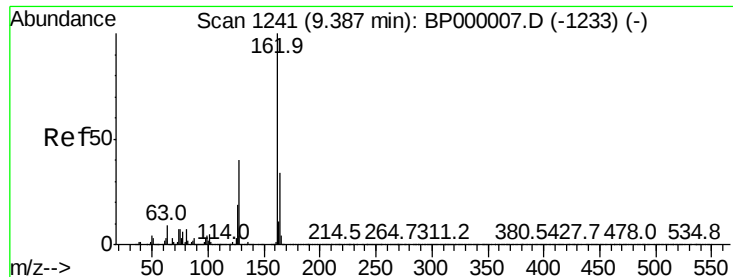
Tot Ion:172 Resp: 4030366
Ion Ratio Lower Upper
172 100
171 38.2 30.7 46.1
170 25.8 20.7 31.1



#46
1,1'-Biphenyl
Concen: 42.149 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:154 Resp: 2528649
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 13.1 0.0 33.7





#47

2-Chloronaphthalene

Concen: 41.588 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

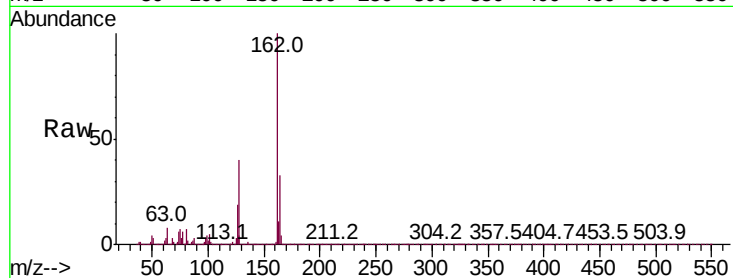
Tot Ion:162 Resp: 2071081

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.2	48.4
164	33.4	26.9	40.3

162 100

127 40.1 32.2 48.4

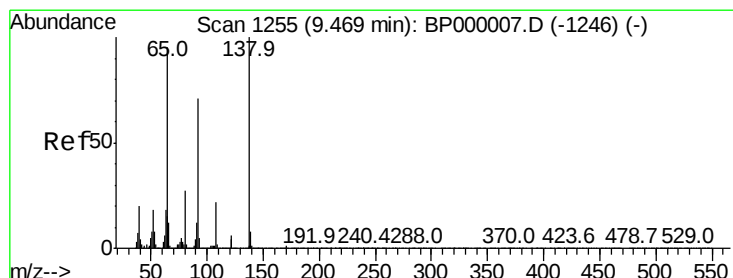
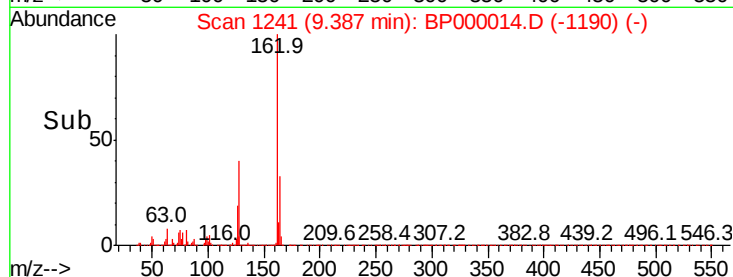
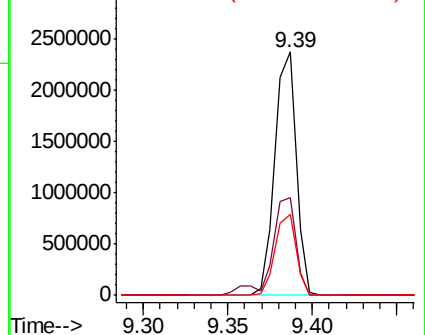
164 33.4 26.9 40.3



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: 41.705 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

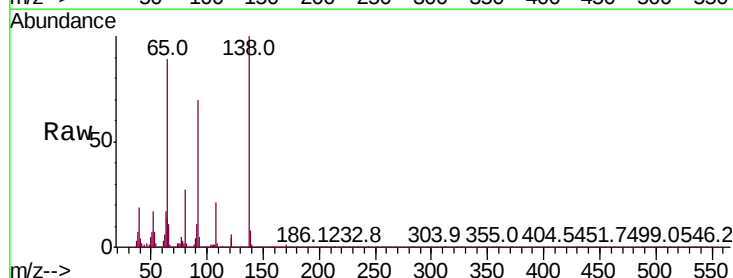
Tgt Ion: 65 Resp: 560983

Ion	Ratio	Lower	Upper
65	100		
92	77.7	60.3	90.5
138	111.7	84.5	126.7

65 100

92 77.7 60.3 90.5

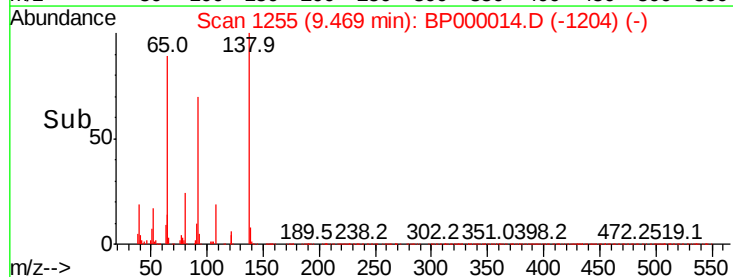
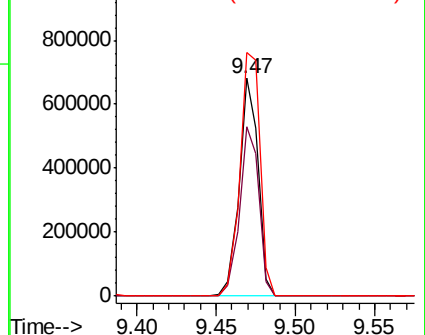
138 111.7 84.5 126.7

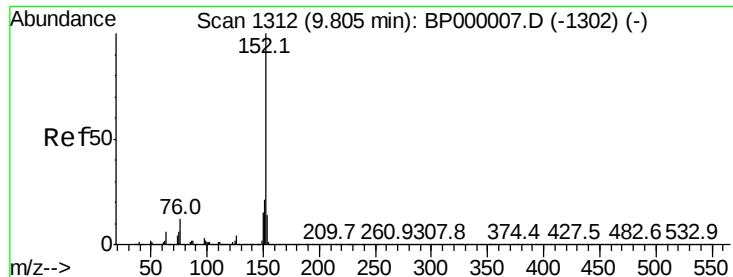


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.403 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

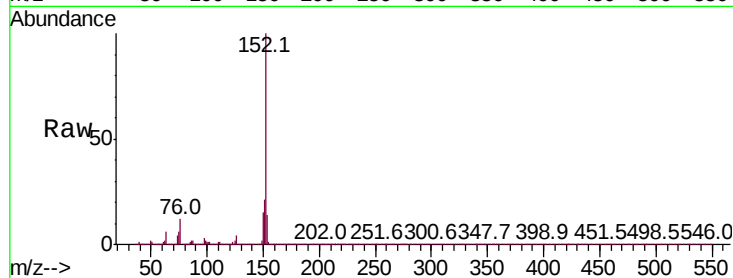
Tot Ion:152 Resp: 3133291

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

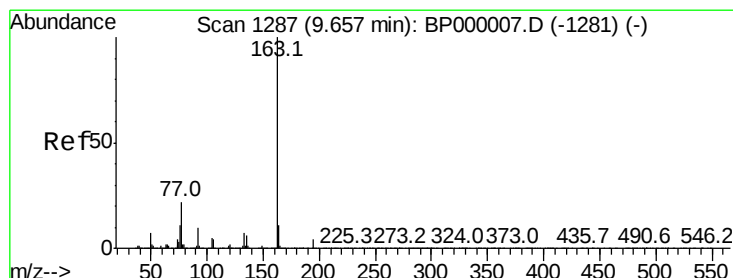
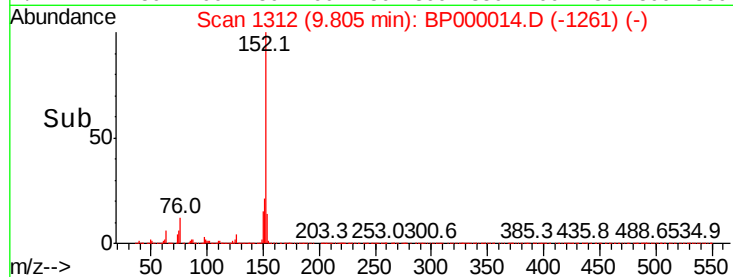
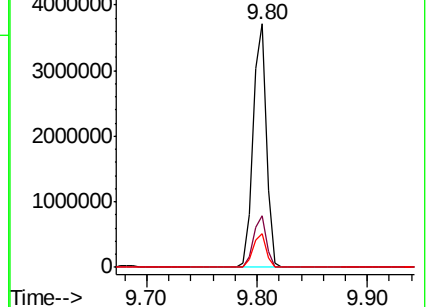
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.938 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

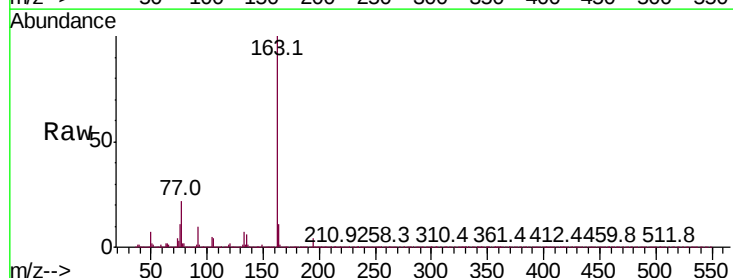
Tgt Ion:163 Resp: 2428597

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

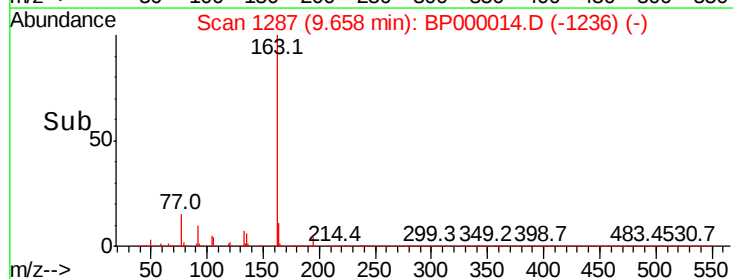
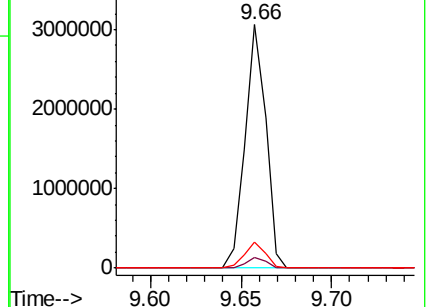
164 10.6 8.4 12.6

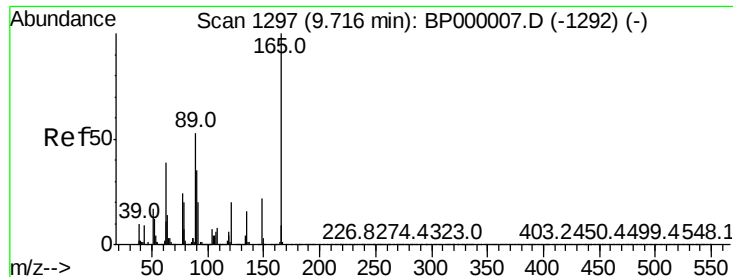


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.616 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

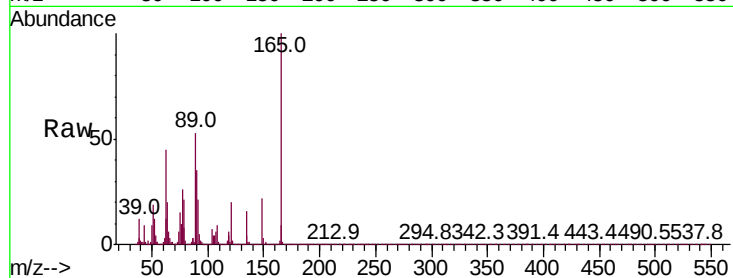
Tot Ion:165 Resp: 523826

Ion Ratio Lower Upper

165 100

63 44.6 35.8 53.6

89 52.8 42.2 63.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

800000

600000

400000

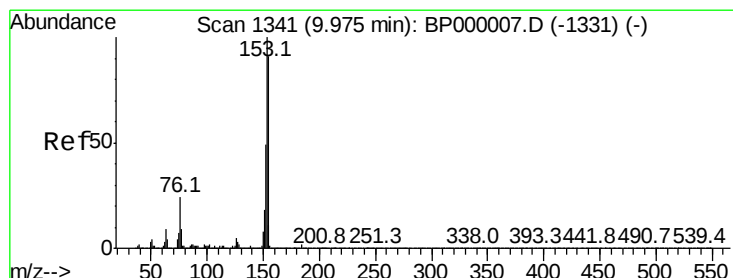
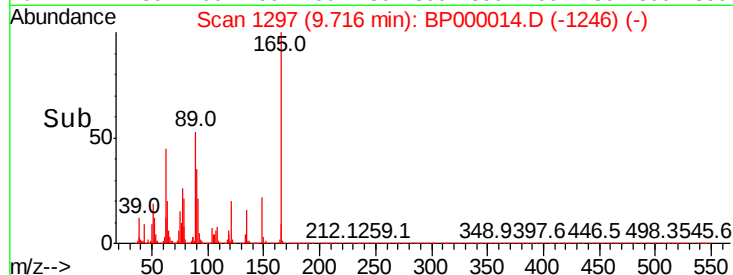
200000

0

9.72

9.75

Time-->



#52

Acenaphthene

Concen: 41.650 ng

RT: 9.98 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

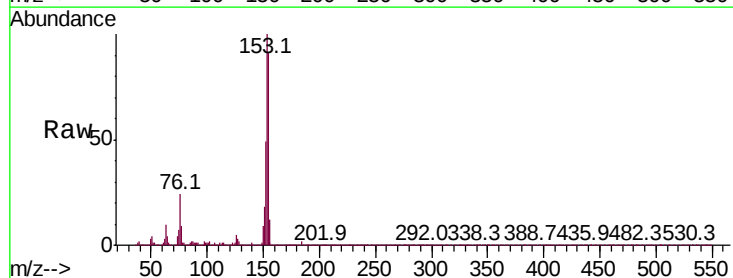
Tgt Ion:154 Resp: 1931202

Ion Ratio Lower Upper

154 100

153 110.0 88.2 132.2

152 53.9 42.9 64.3



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

3000000

2500000

2000000

1500000

1000000

500000

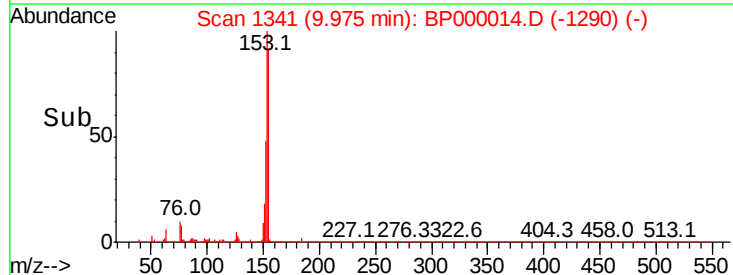
0

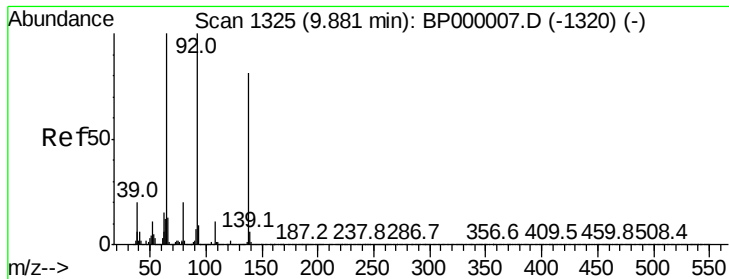
9.98

10.00

10.10

Time-->

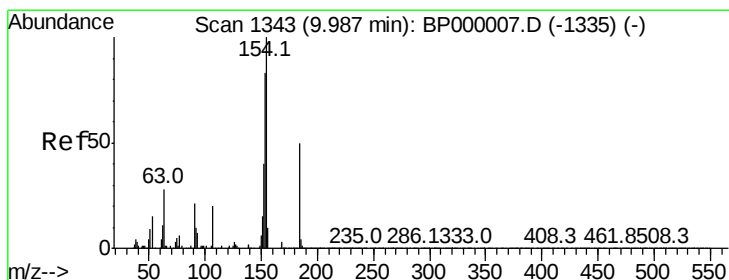
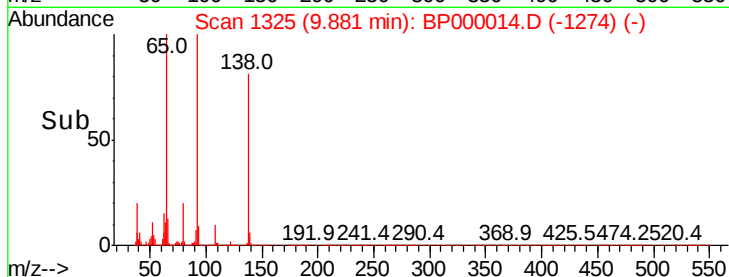
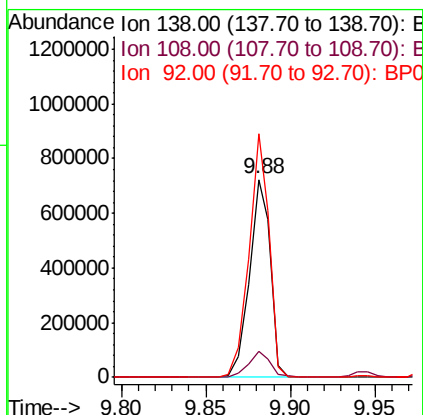
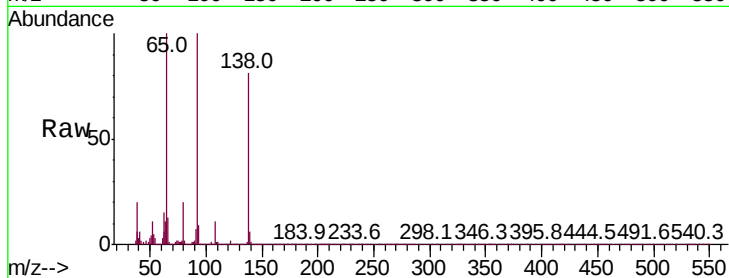




#53
3-Nitroaniline
Concen: 42.541 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

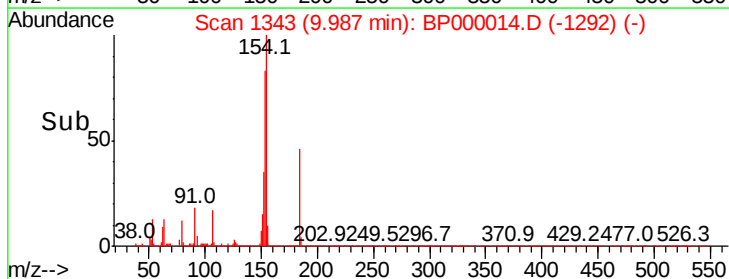
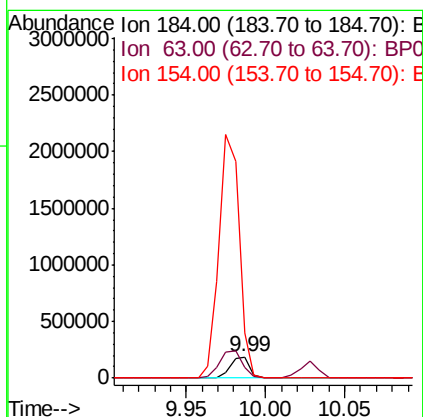
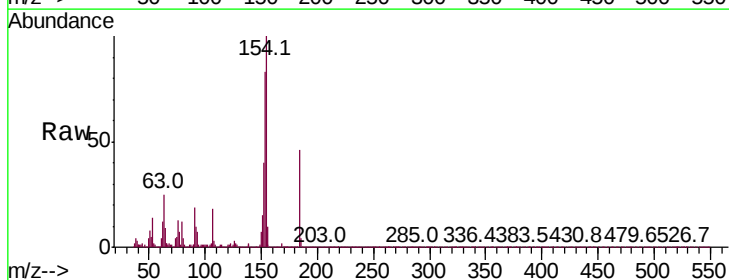
Instrument :
BNA_P
ClientSampleId :

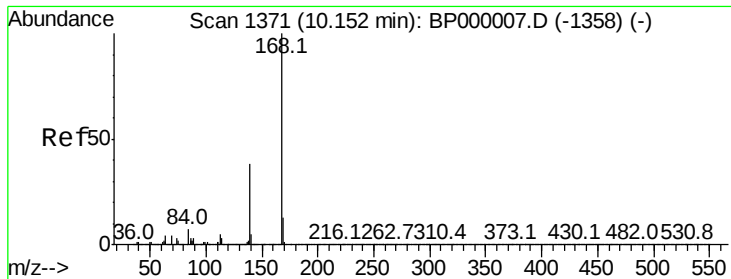
Tot Ion:138 Resp: 624670
Ion Ratio Lower Upper
138 100
108 13.0 11.0 16.4
92 123.2 98.2 147.4



#54
2,4-Dinitrophenol
Concen: 39.693 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:184 Resp: 160385
Ion Ratio Lower Upper
184 100
63 53.5 46.0 69.0
154 215.2 161.9 242.9





#55

Dibenzofuran

Concen: 42.484 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

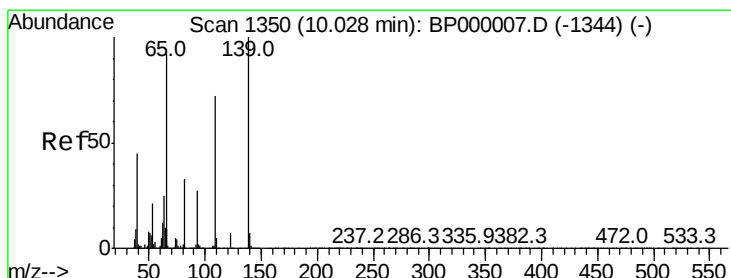
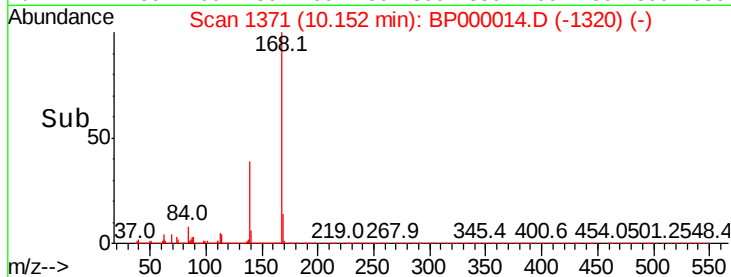
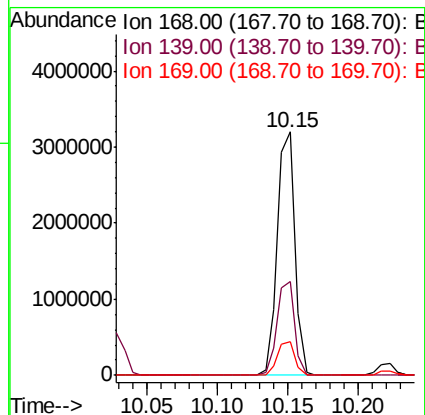
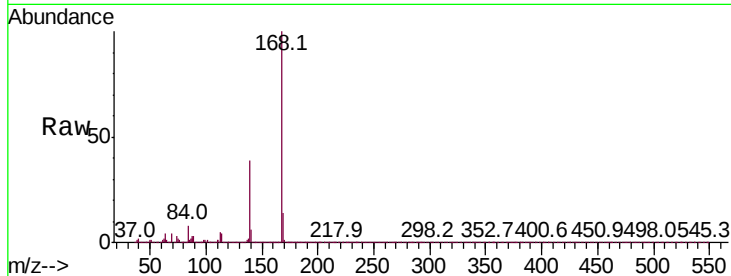
Tot Ion:168 Resp: 2797214

Ion Ratio Lower Upper

168 100

139 38.7 30.2 45.2

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 42.911 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

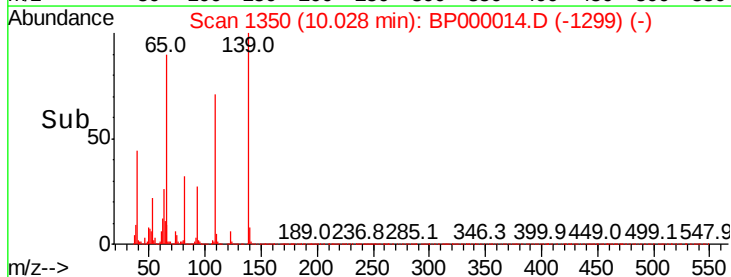
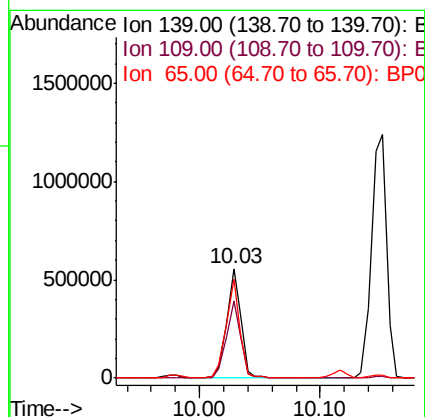
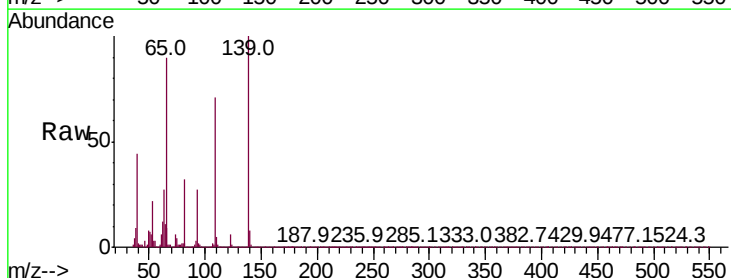
Tgt Ion:139 Resp: 450375

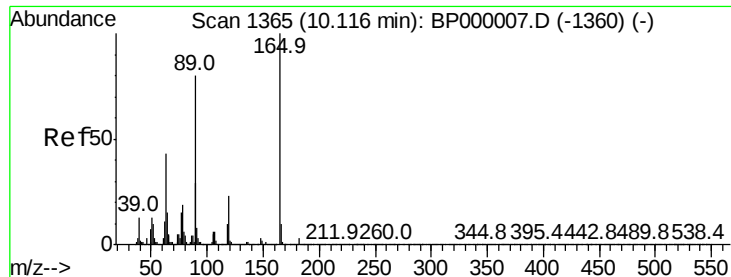
Ion Ratio Lower Upper

139 100

109 71.2 52.4 92.4

65 90.2 72.2 112.2

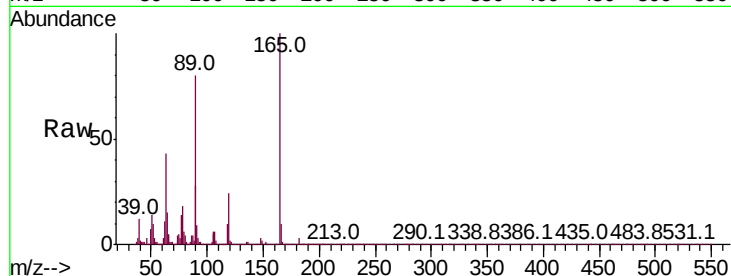




#57
2,4-Dinitrotoluene
Concen: 42.884 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	34.4	51.6
89	80.0	64.3	96.5
182	2.8	2.2	3.4



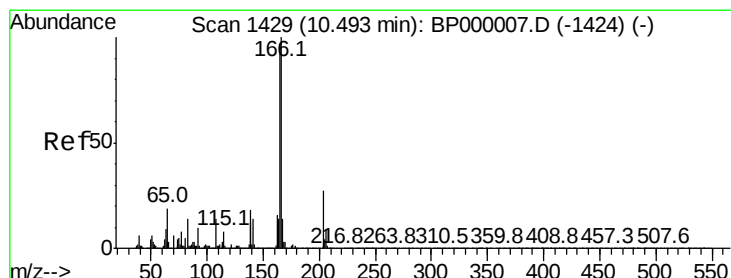
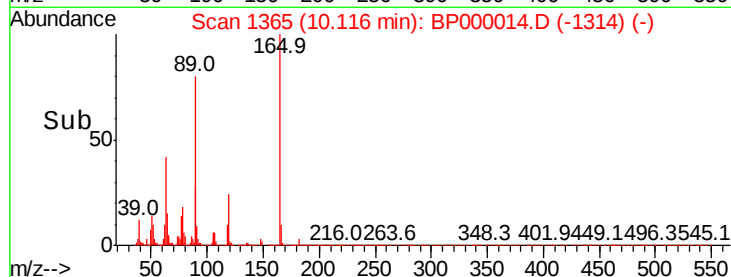
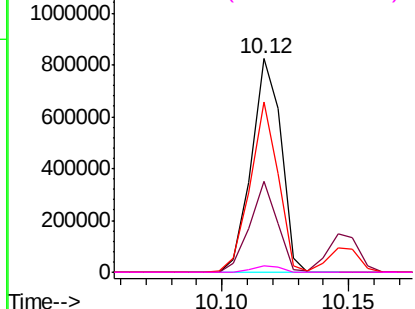
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

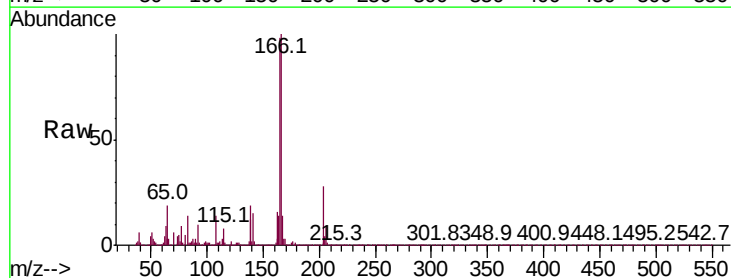
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.164 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.3	115.9
167	13.6	11.0	16.6

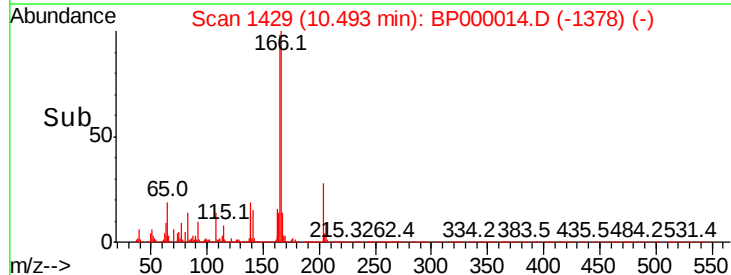
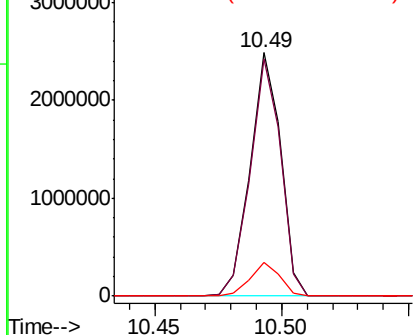


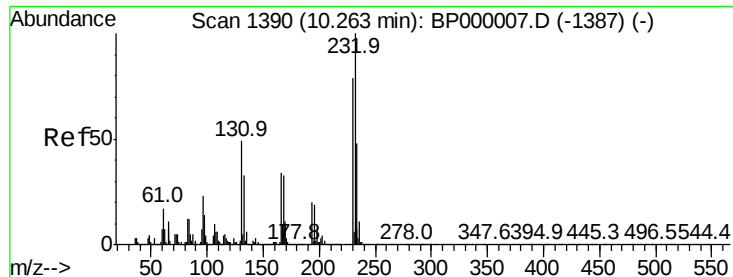
Abundance

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

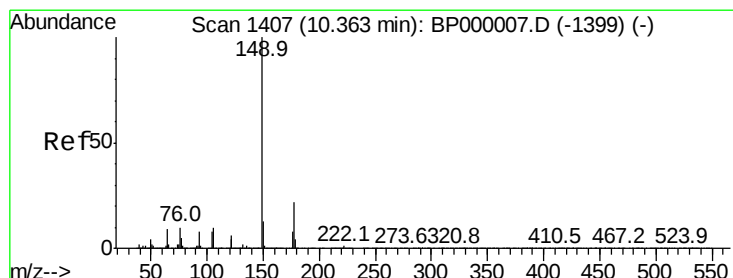
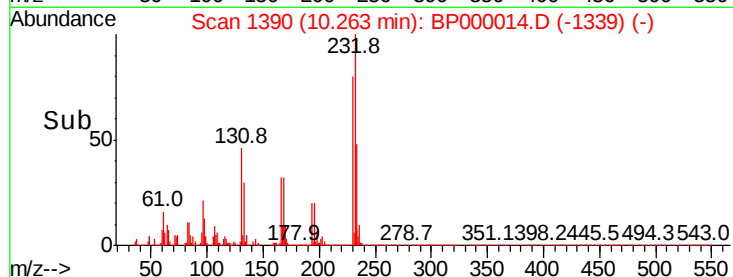
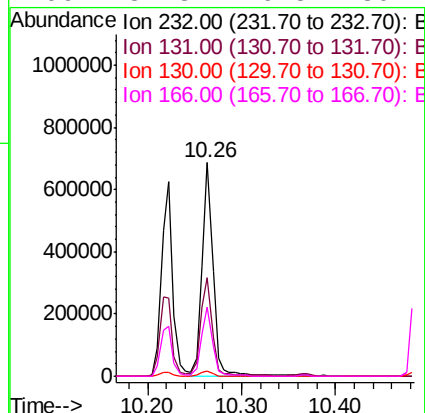
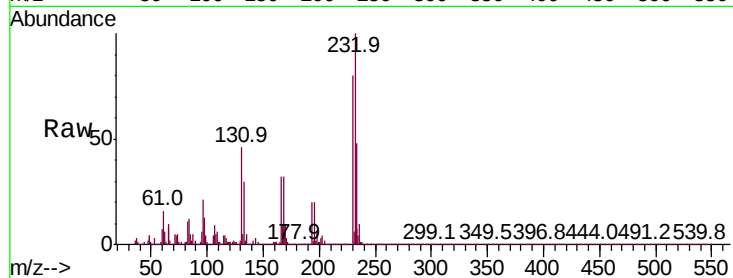




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.453 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

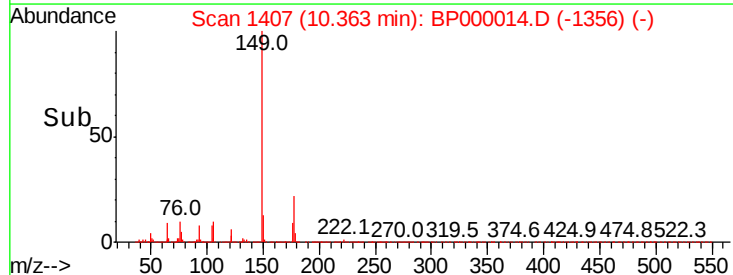
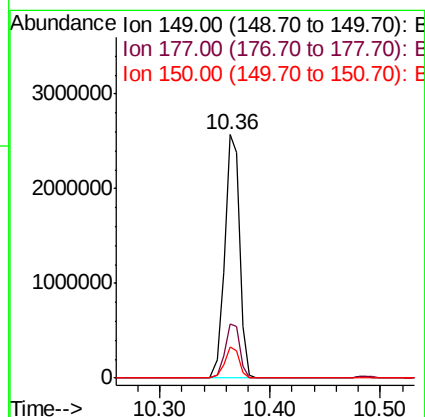
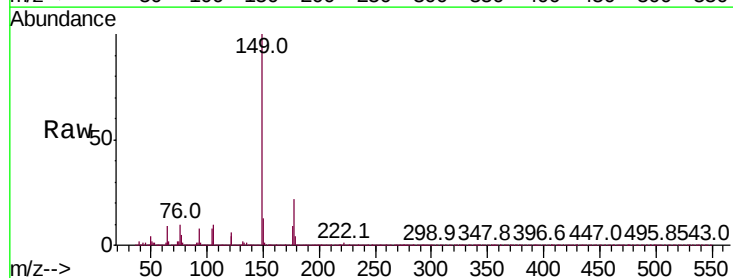
Instrument :
BNA_P
ClientSampleId :

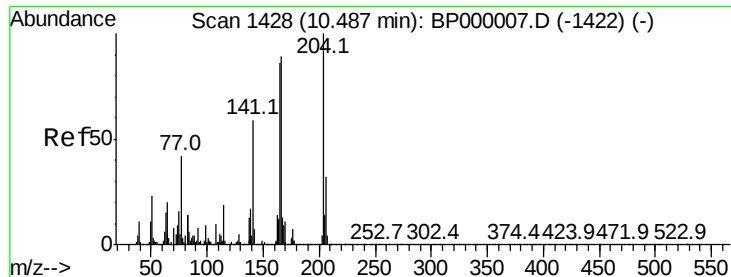
Tot Ion:	232	Resp:	557871
Ion	Ratio	Lower	Upper
232	100		
131	47.8	39.3	58.9
130	2.5	2.1	3.1
166	32.3	26.5	39.7



#60
Diethylphthalate
Concen: 41.771 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:	149	Resp:	2421222
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.9	10.3	15.5

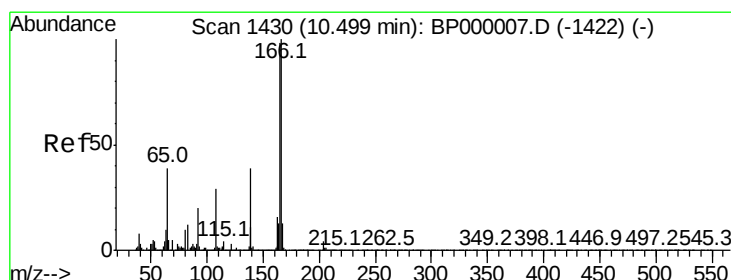
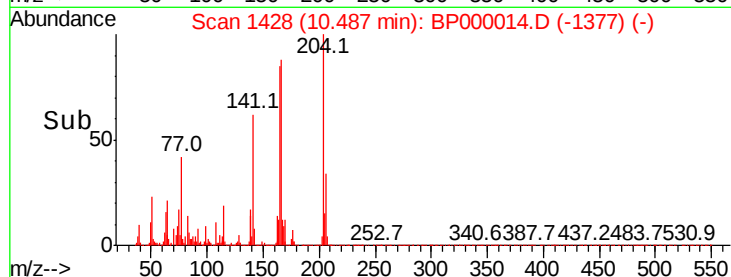
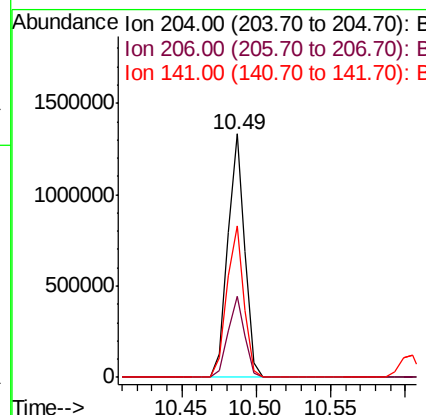
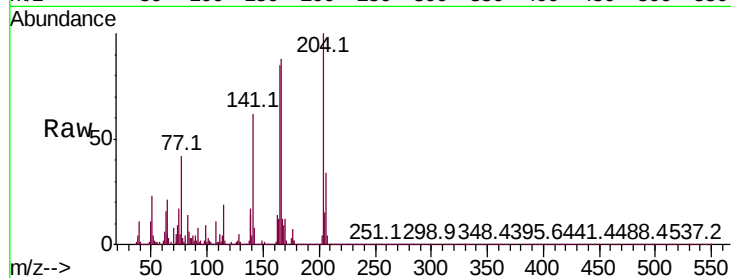




#61
4-Chlorophenyl-phenylether
Concen: 41.513 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

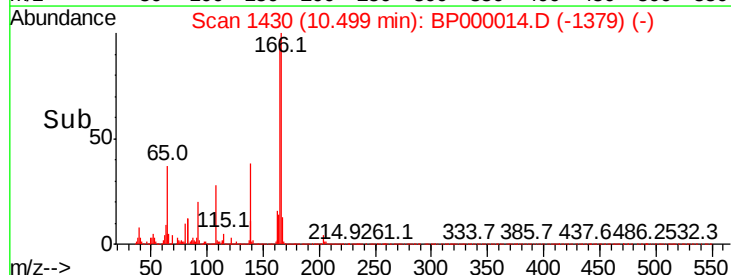
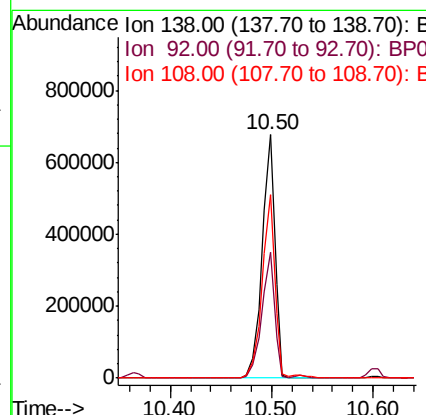
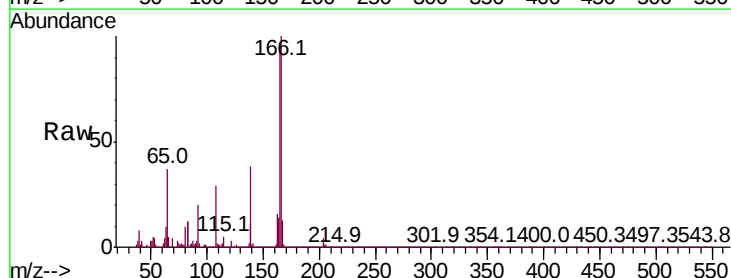
Instrument :
BNA_P
ClientSampleId :

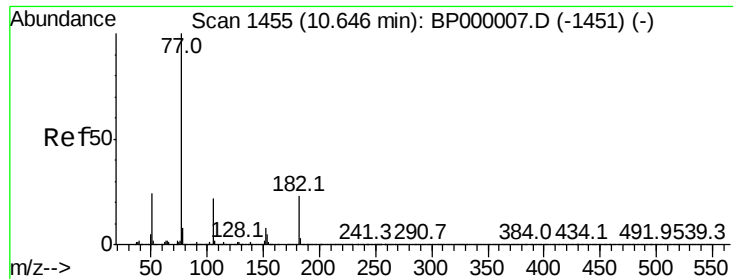
Tot Ion:204 Resp: 1069211
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 62.3 47.6 71.4



#62
4-Nitroaniline
Concen: 42.200 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:138 Resp: 591063
Ion Ratio Lower Upper
138 100
92 51.9 32.8 72.8
108 75.2 55.7 95.7



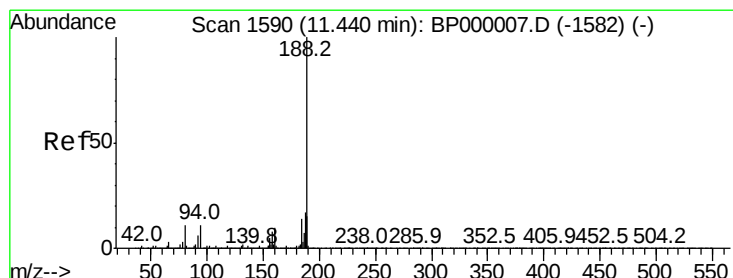
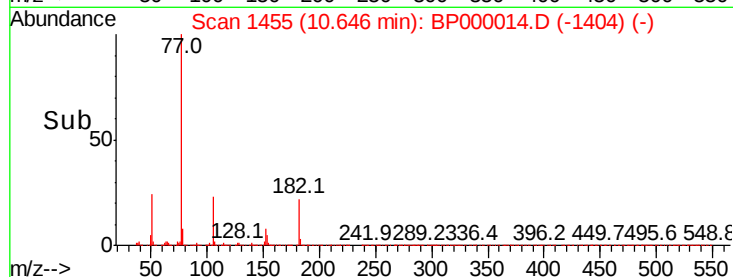
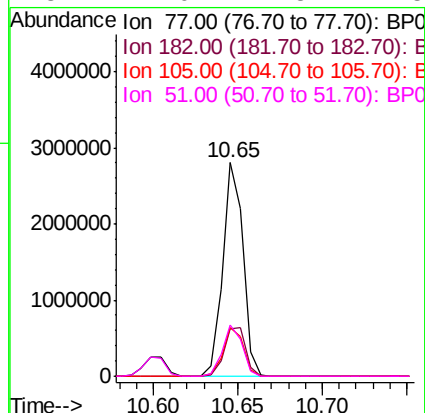
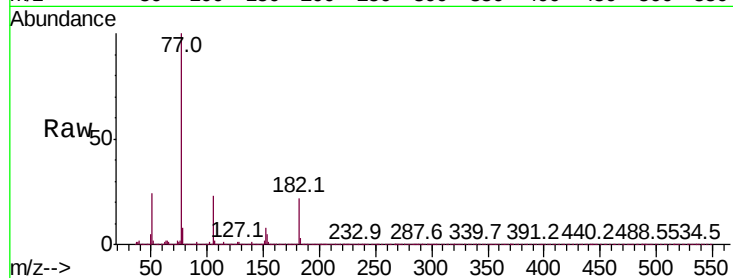


#63
Azobenzene
Concen: 42.129 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 2338506

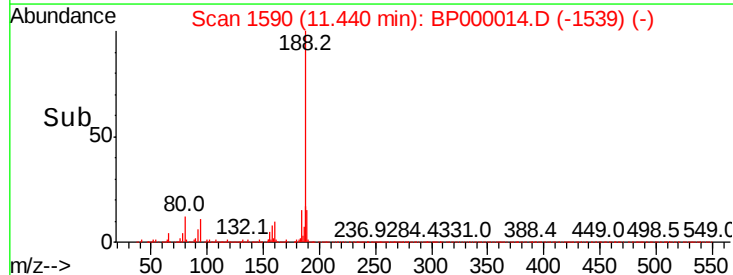
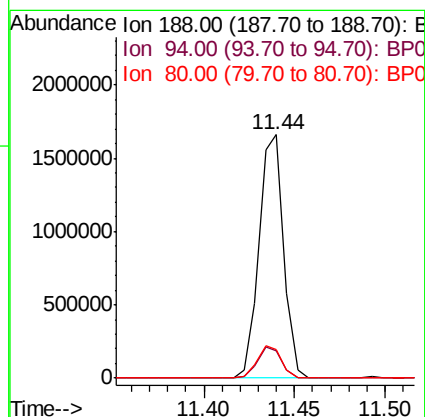
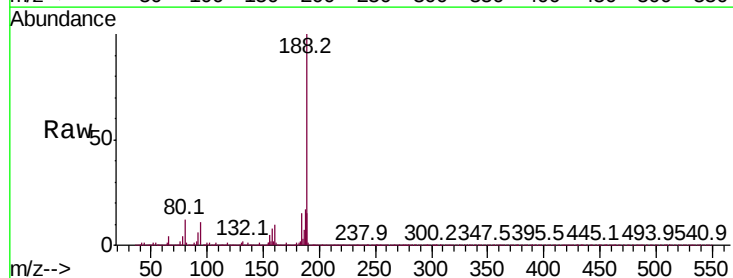
Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.6	42.6
105	22.6	2.3	42.3
51	24.0	4.5	44.5

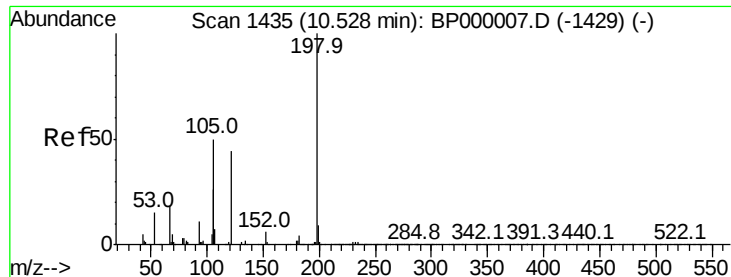


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion: 188 Resp: 1559954

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.8	13.2
80	11.7	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 39.657 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

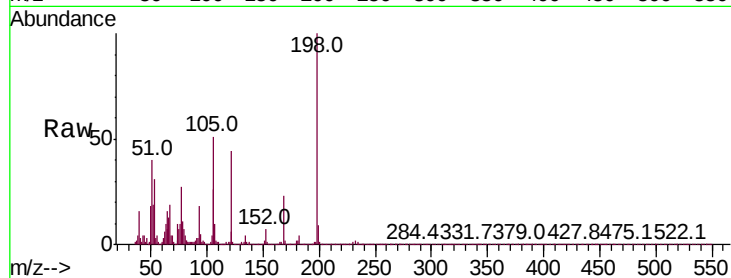
Instrument :

BNA_P

ClientSampled :

Tot Ion:198 Resp: 228471

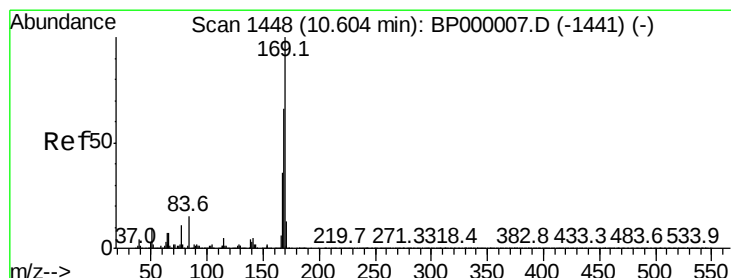
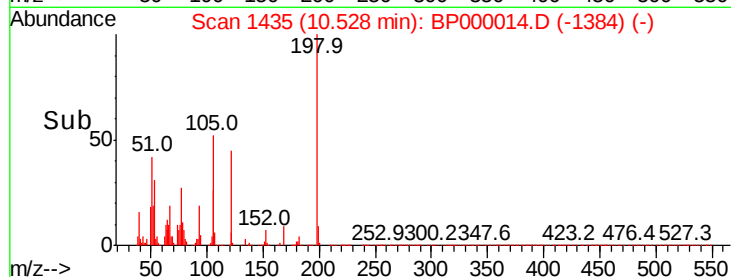
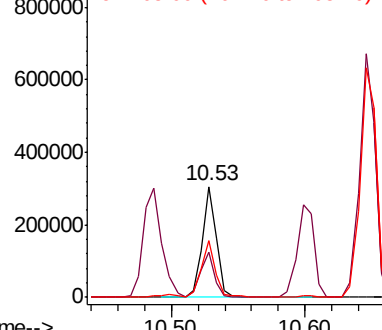
Ion	Ratio	Lower	Upper
198	100		
51	40.3	22.1	62.1
105	50.6	32.0	72.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.590 ng

RT: 10.60 min Scan# 1448

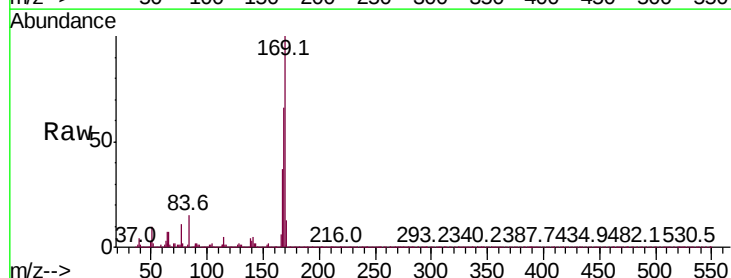
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion:169 Resp: 1927490

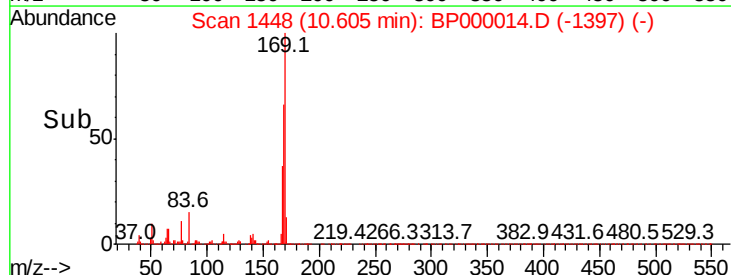
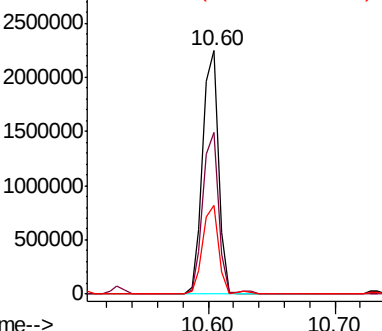
Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.9	79.3
167	36.6	29.2	43.8

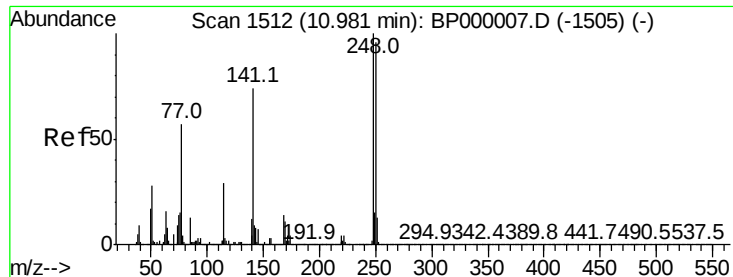


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

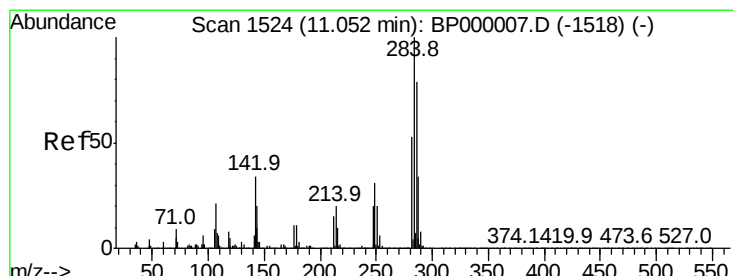
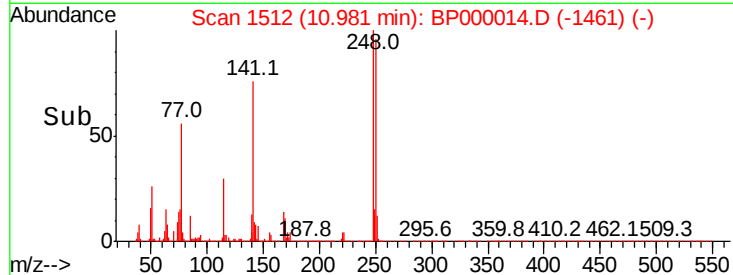
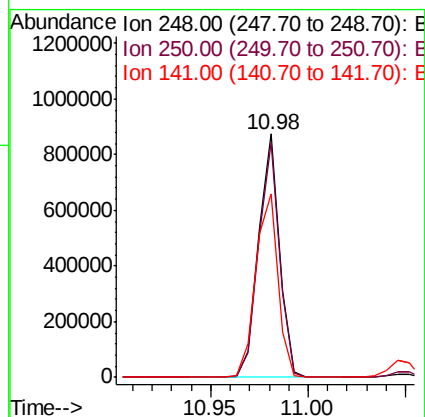
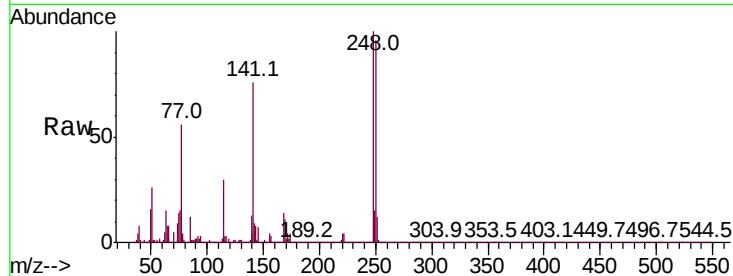




#67
4-Bromophenyl-phenylether
Concen: 40.955 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

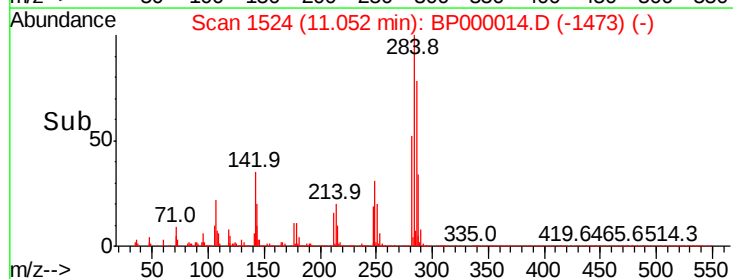
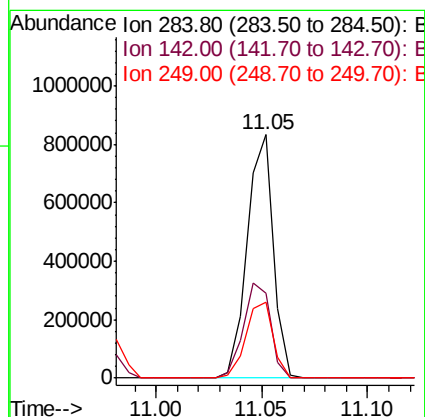
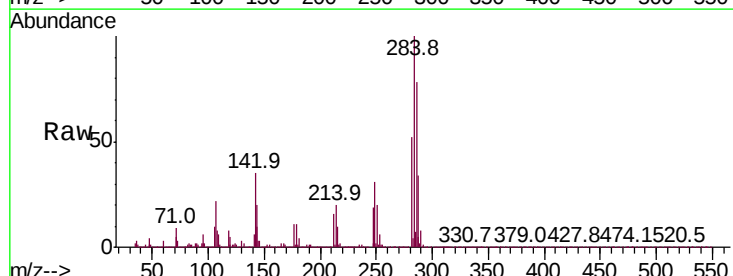
Instrument :
BNA_P
ClientSampled :

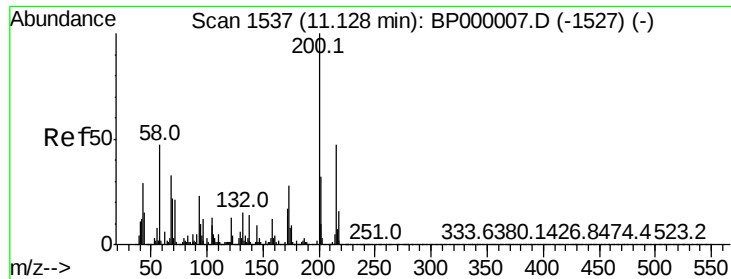
Tot Ion:248 Resp: 649272
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 75.6 59.5 89.3



#68
Hexachlorobenzene
Concen: 41.221 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:284 Resp: 712037
Ion Ratio Lower Upper
284 100
142 35.0 27.0 40.4
249 31.3 24.9 37.3

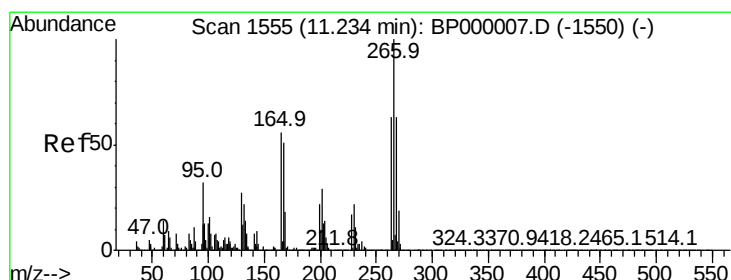
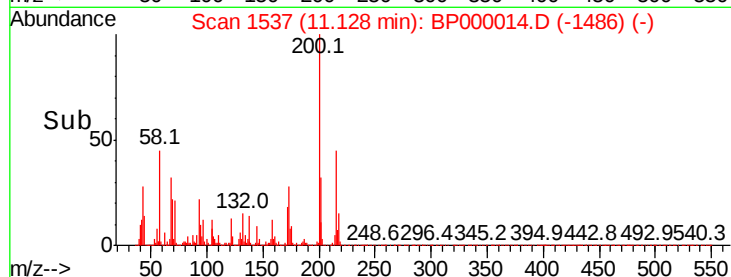
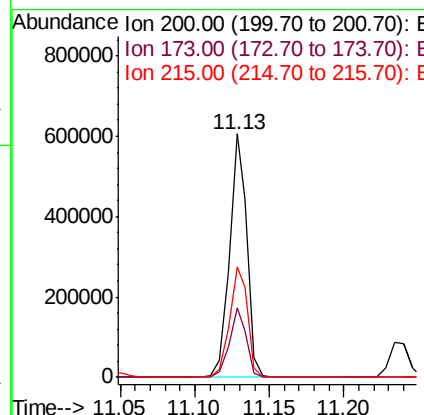
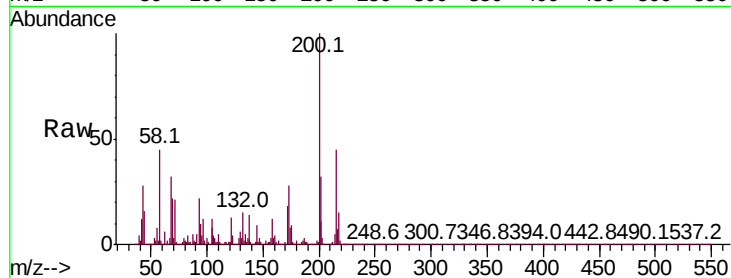




#69
Atrazine
Concen: 40.141 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

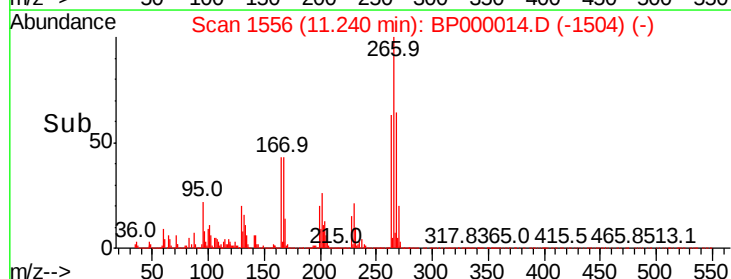
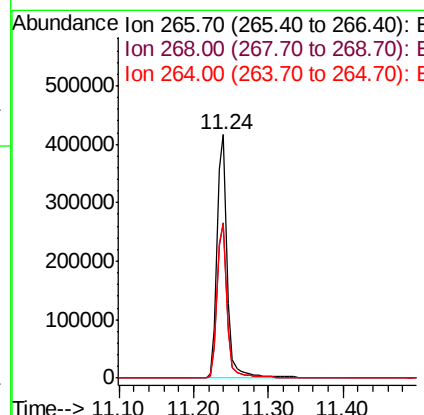
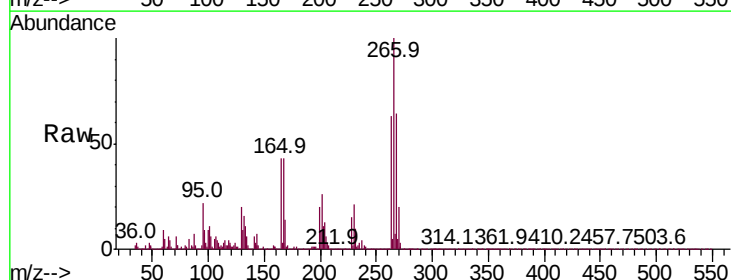
Instrument :
BNA_P
ClientSampleId :

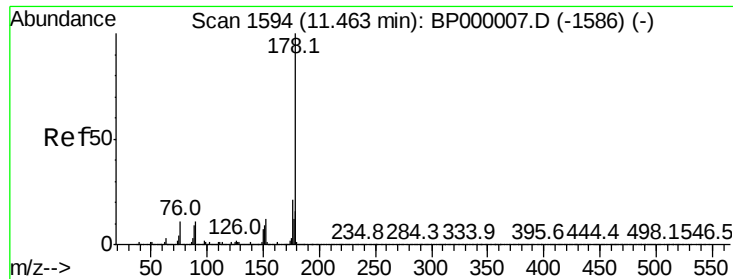
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.1	48.1
215	45.4	26.7	66.7



#70
Pentachlorophenol
Concen: 41.906 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.1	75.1
264	63.0	50.6	76.0





#71

Phenanthrene

Concen: 41.785 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampled :

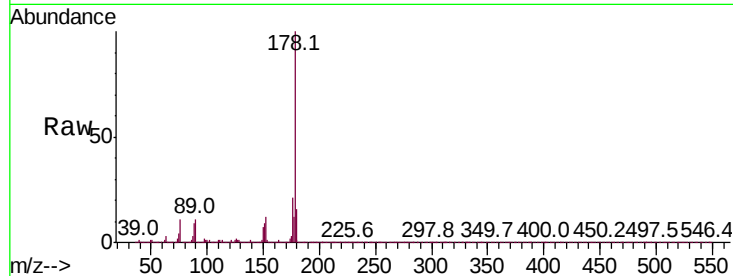
Tot Ion:178 Resp: 3248849

Ion Ratio Lower Upper

178 100

176 20.7 16.7 25.1

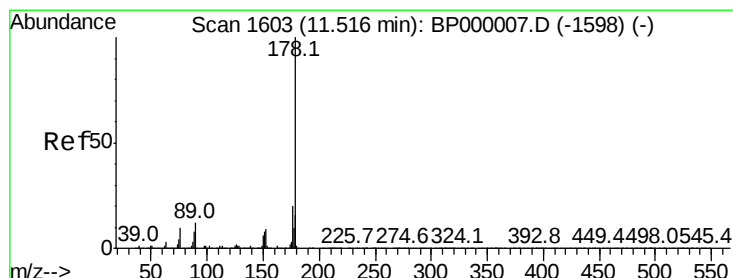
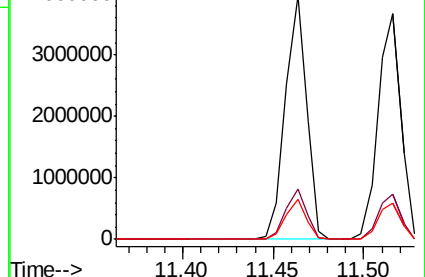
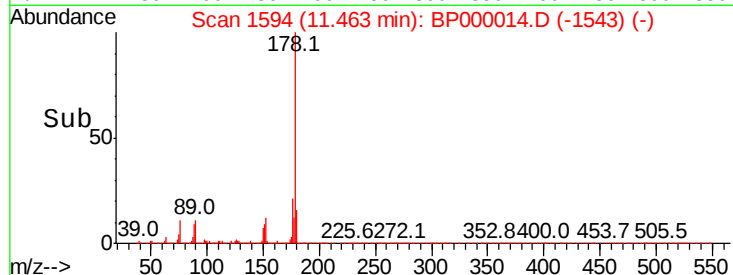
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.837 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

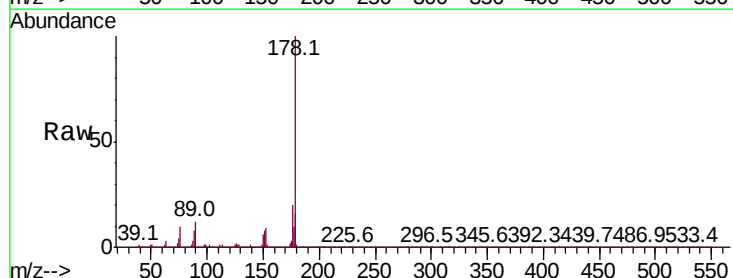
Tgt Ion:178 Resp: 3213317

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

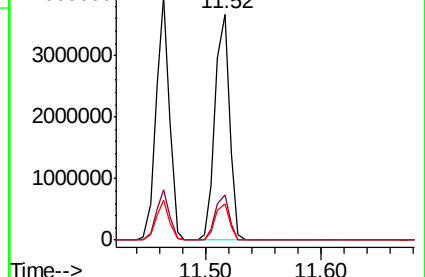
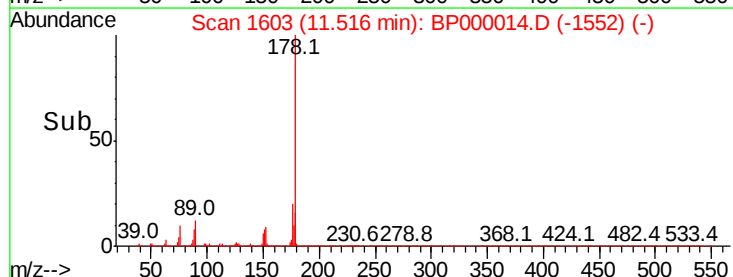
179 16.3 13.0 19.6

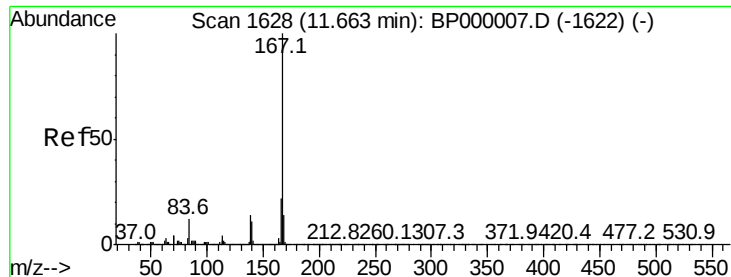


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.404 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.00 min

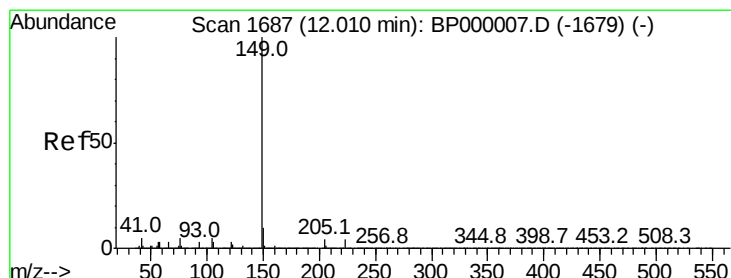
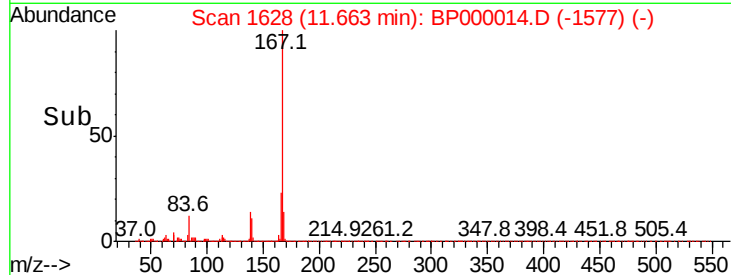
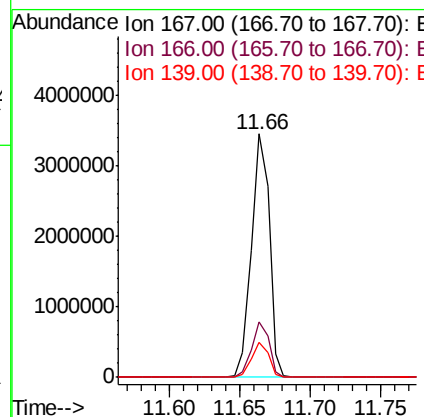
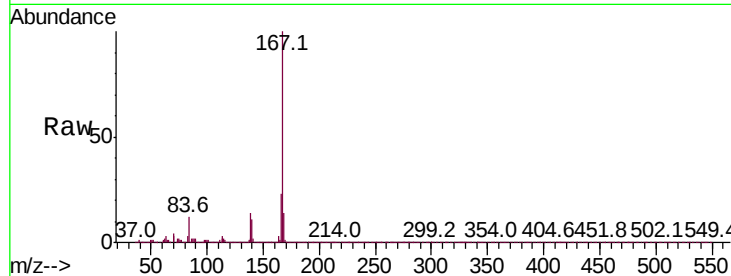
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:167 Resp: 3074205

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	14.5	11.4	17.2



#74

Di-n-butylphthalate

Concen: 43.115 ng

RT: 12.01 min Scan# 1687

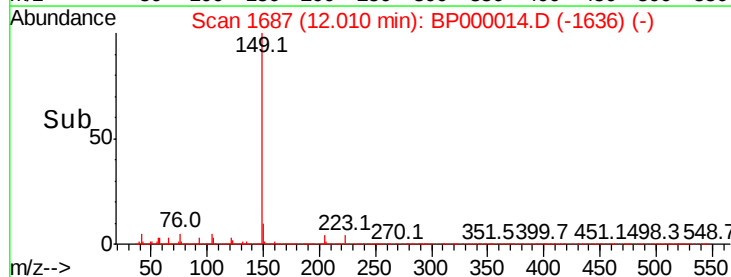
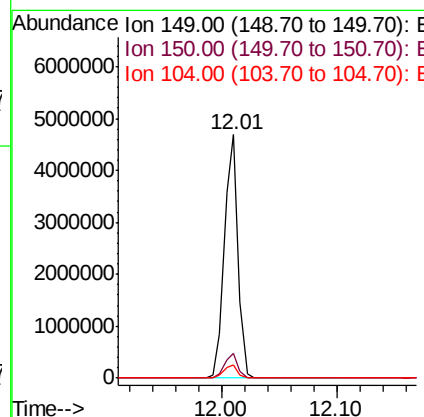
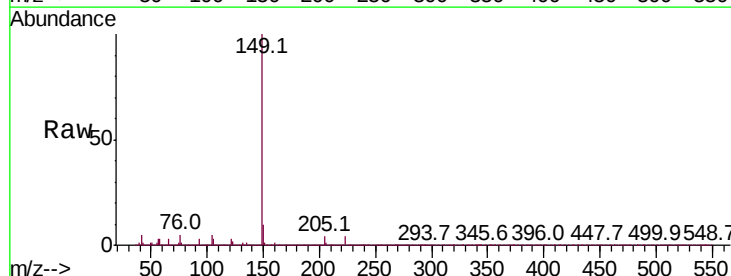
Delta R.T. 0.00 min

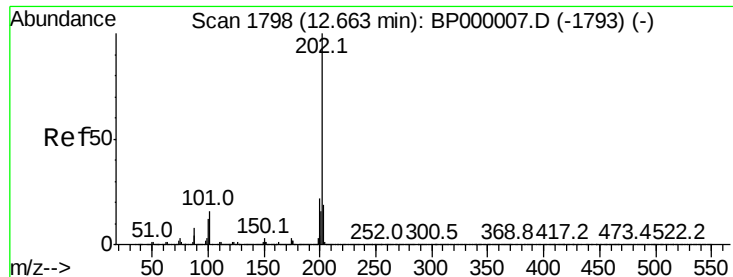
Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion:149 Resp: 3790127

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 42.459 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

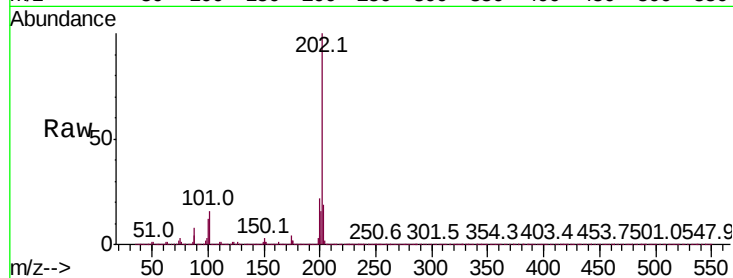
Instrument :

BNA_P

ClientSampled :

Tot Ion:202 Resp: 3587370

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	36.4
203	18.6	0.0	38.7

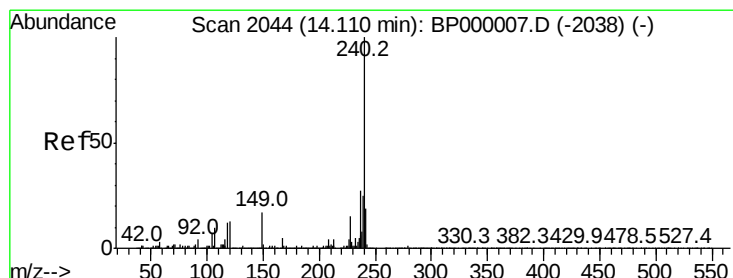
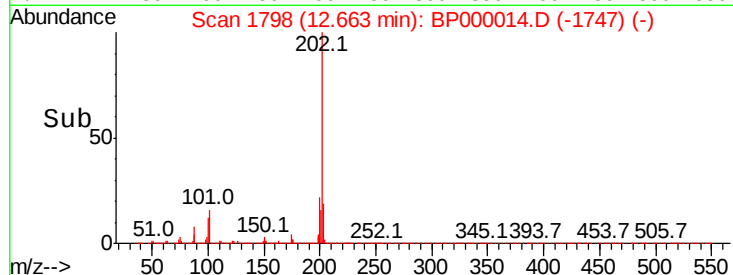
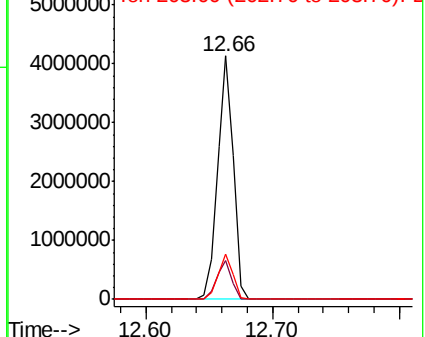


Abundance

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: 14.11 min Scan# 2044

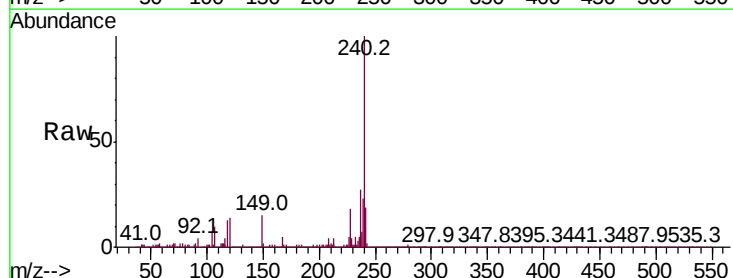
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion:240 Resp: 1209631

Ion	Ratio	Lower	Upper
240	100		
120	13.9	10.5	15.7
236	27.1	21.5	32.3

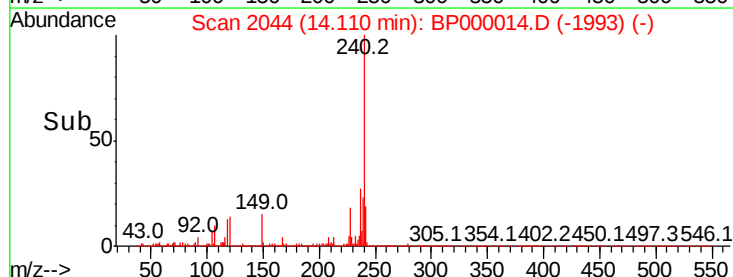
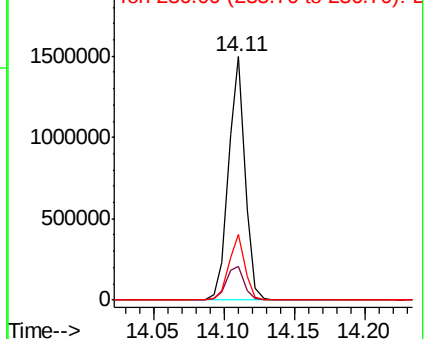


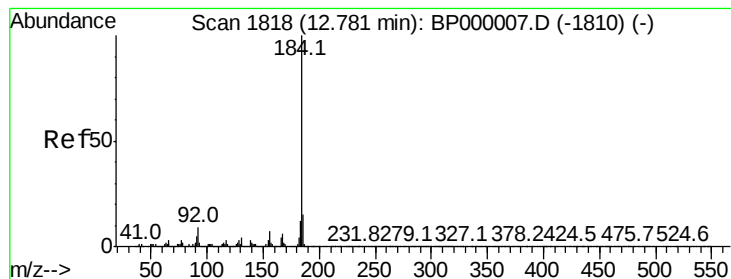
Abundance

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: 39.142 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

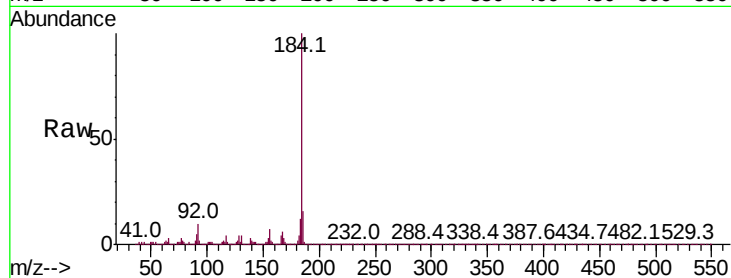
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1633597

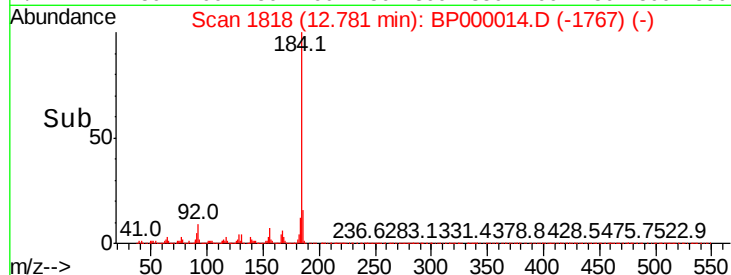
Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.8
183	11.8	9.4	14.0



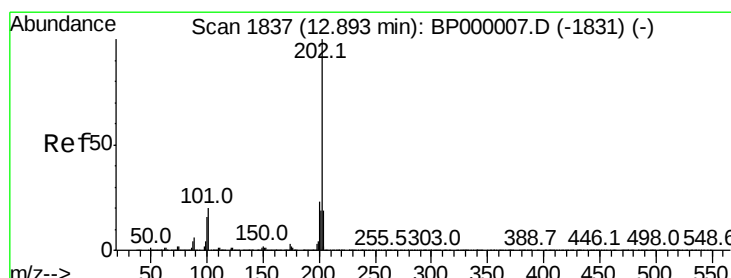
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.80 13.00



#78

Pyrene

Concen: 41.252 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

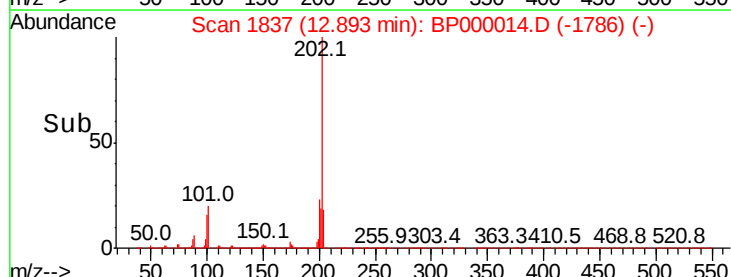
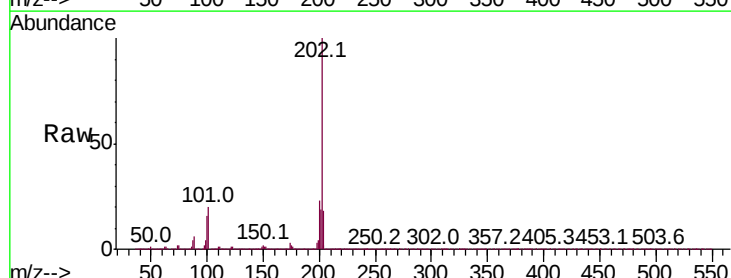
Tgt Ion:202 Resp: 3670921

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.5	27.7
203	18.3	15.1	22.7

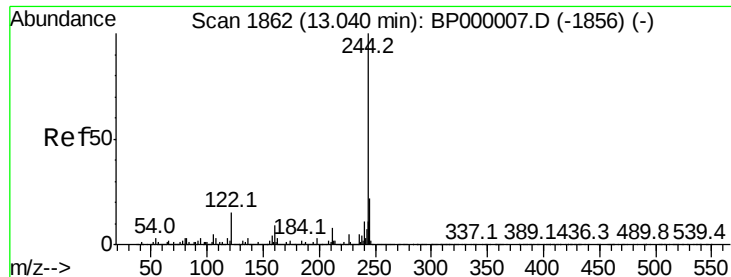
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.90 13.00



#79

Terphenyl-d14

Concen: 81.760 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

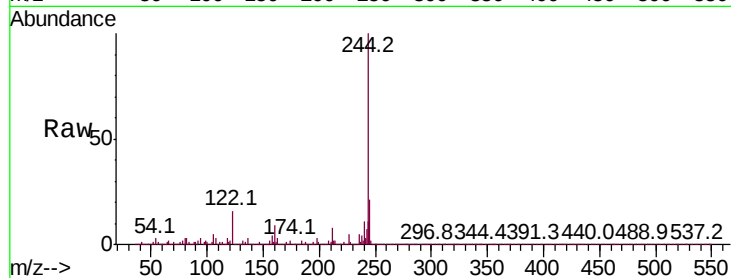
Tot Ion:244 Resp: 4537499

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

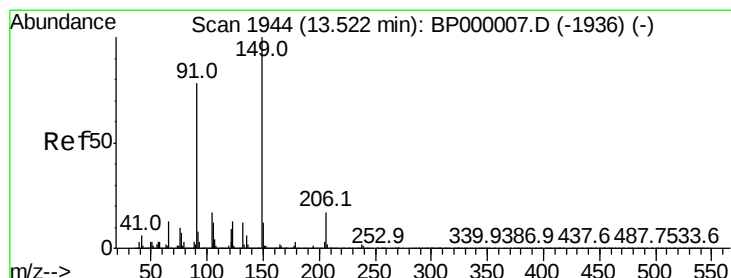
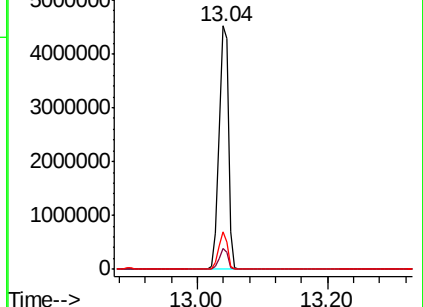
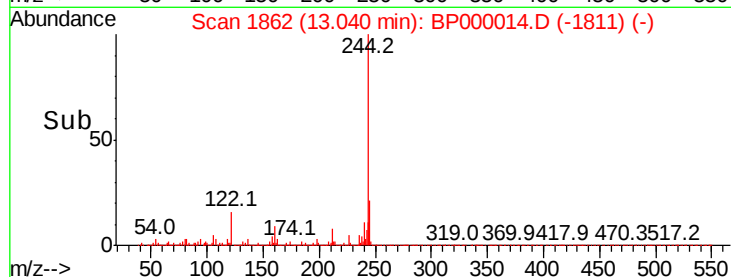
122 15.6 12.3 18.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.685 ng

RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

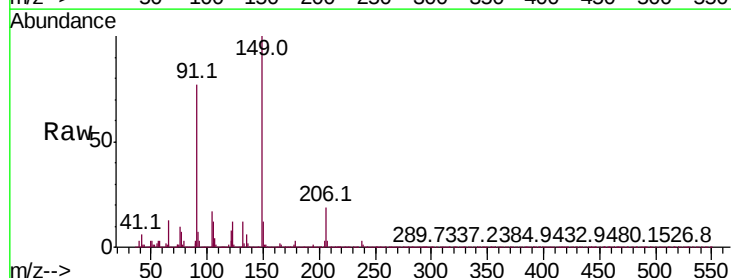
Tgt Ion:149 Resp: 1652805

Ion Ratio Lower Upper

149 100

91 77.4 62.7 94.1

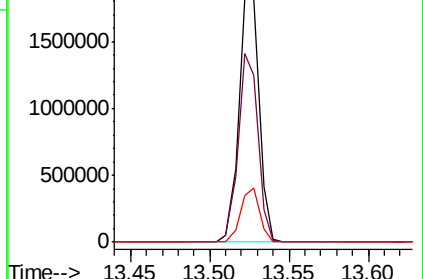
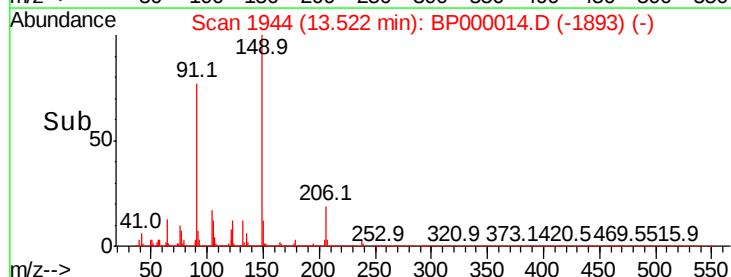
206 19.3 13.8 20.6

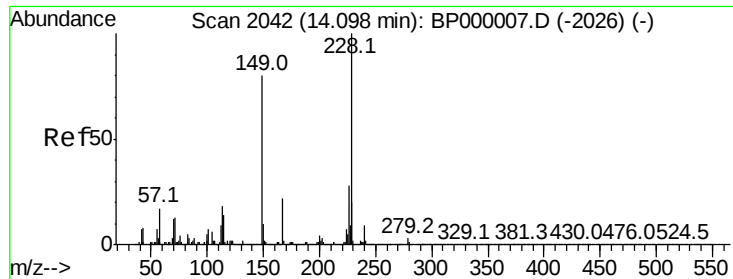


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

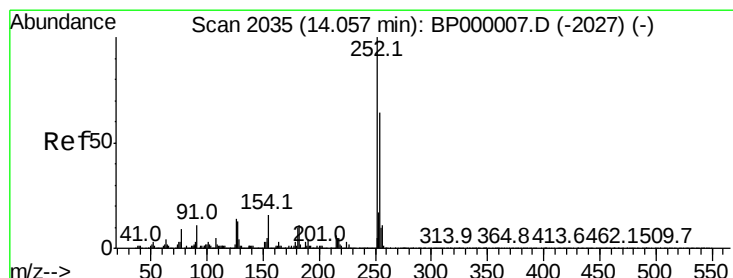
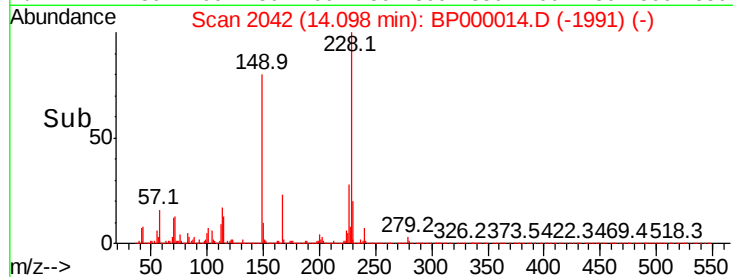
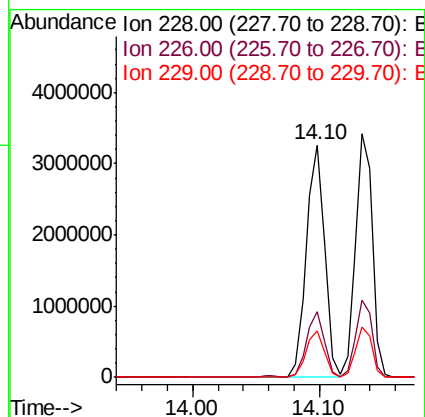
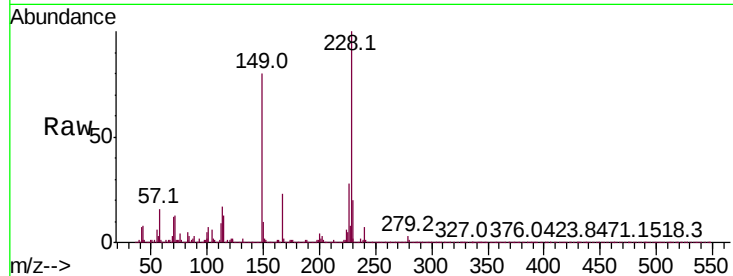




#81
Benzo(a)anthracene
Concen: 41.624 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

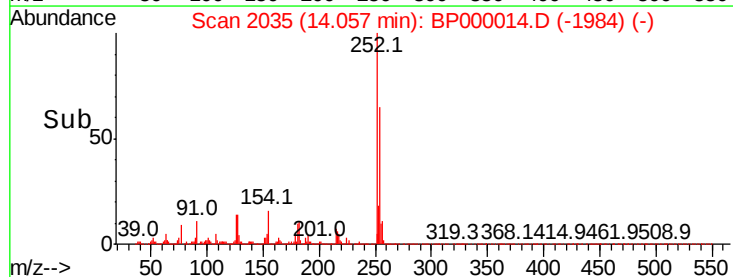
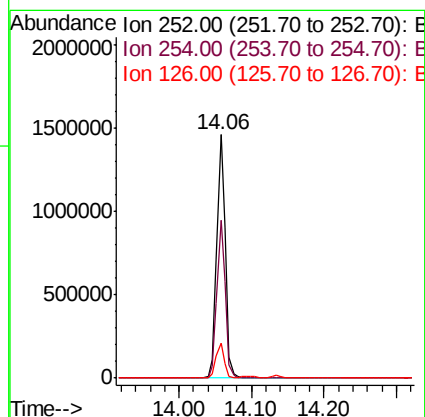
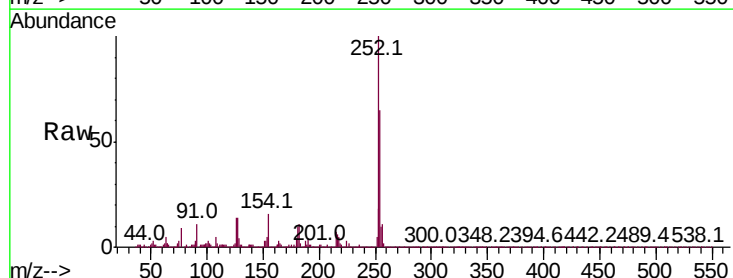
Instrument :
BNA_P
ClientSampleId :

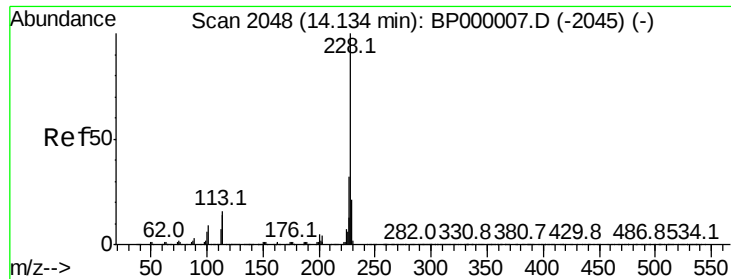
Tot Ion:228 Resp: 3262687
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 41.246 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:252 Resp: 1192679
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 14.5 11.1 16.7



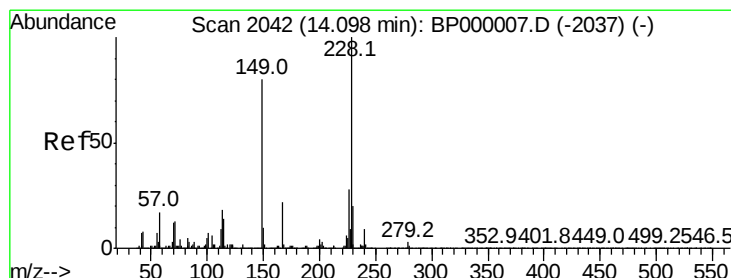
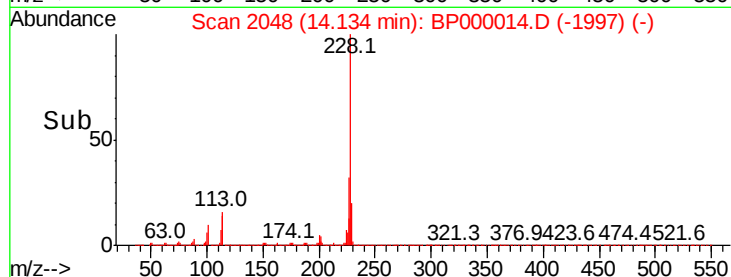
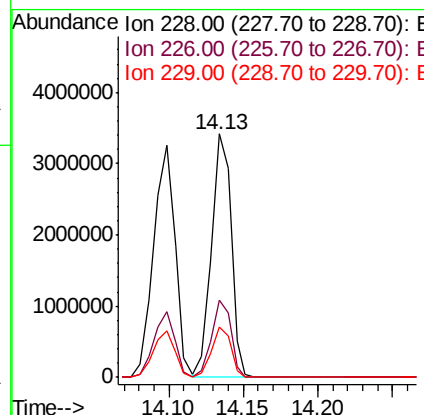
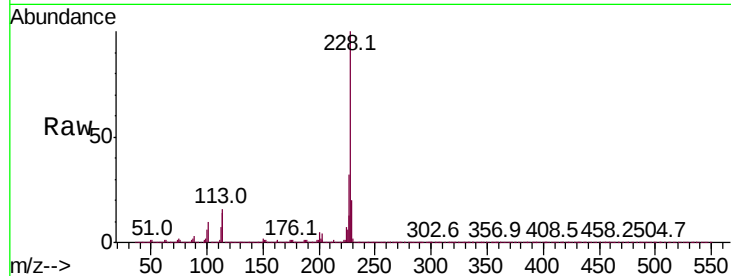


#83
 Chrysene
 Concen: 42.002 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BP000014.D
 Acq: 30 Aug 2019 19:34

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 3114056

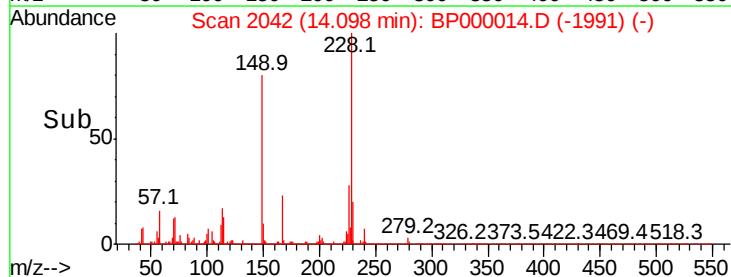
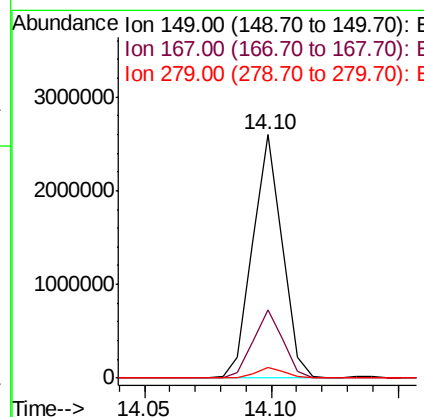
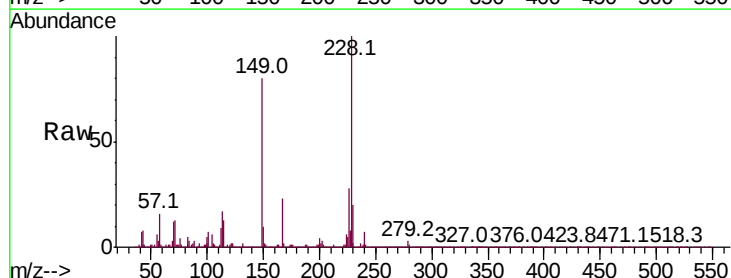
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.5	16.5	24.7

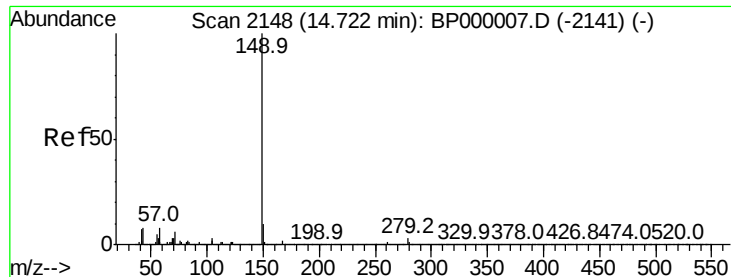


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.117 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BP000014.D
 Acq: 30 Aug 2019 19:34

Tgt Ion:149 Resp: 2121575

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	4.2	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 41.848 ng

RT: 14.73 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

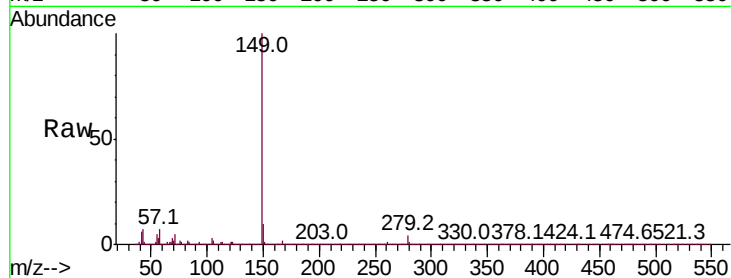
Instrument :

BNA_P

ClientSampleId :

Tot Ion:149 Resp: 3805080

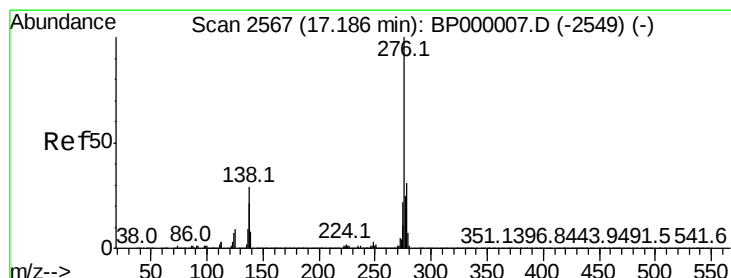
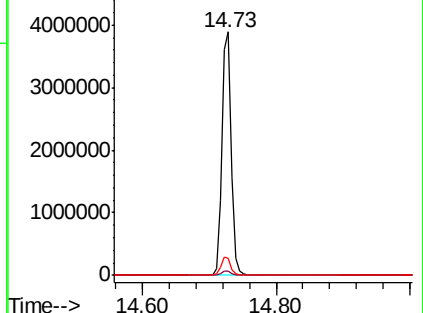
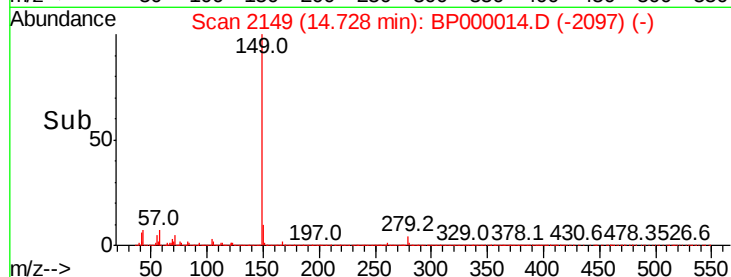
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.9	6.5	9.7



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: 39.811 ng

RT: 17.19 min Scan# 2567

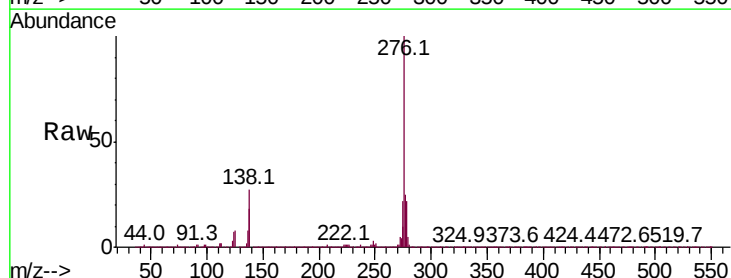
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion:276 Resp: 3698602

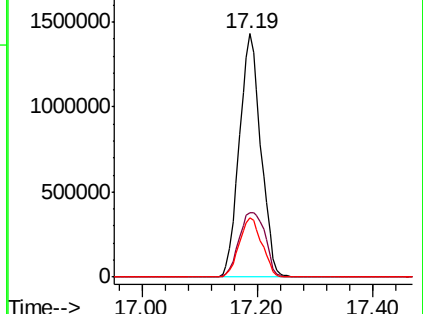
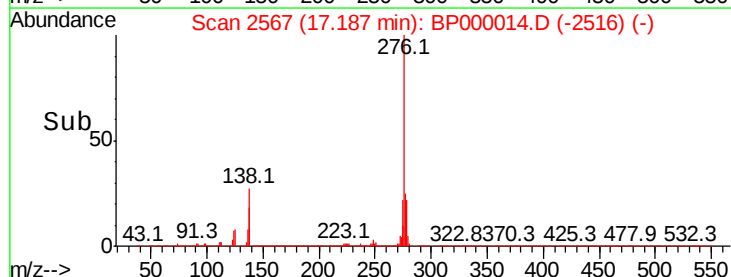
Ion	Ratio	Lower	Upper
276	100		
138	32.5	26.5	39.7
277	25.7	20.3	30.5

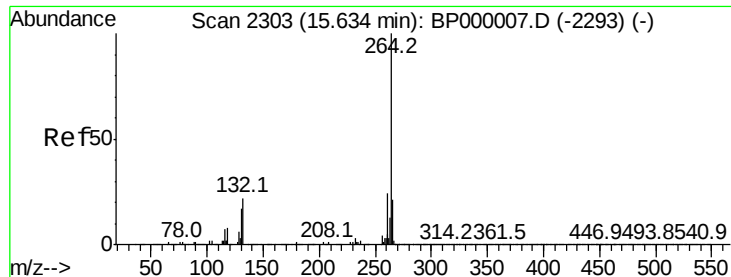


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.63 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

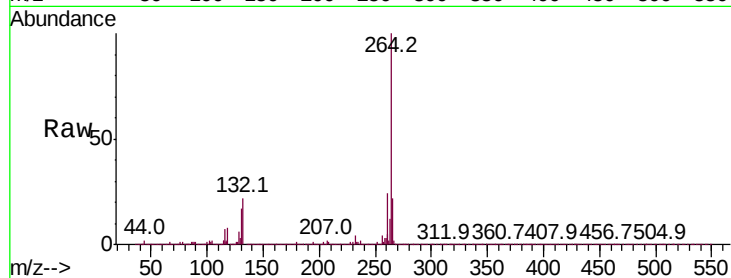
Instrument :

BNA_P

ClientSampled :

Tot Ion:264 Resp: 1363052

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.1	25.7

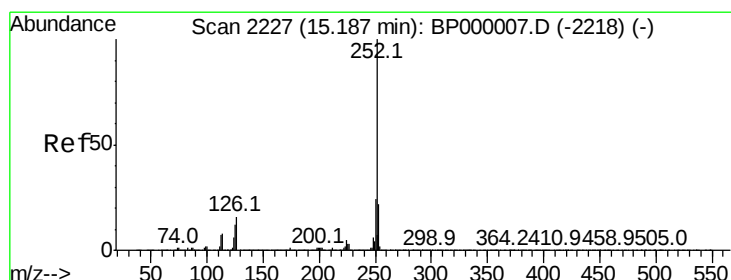
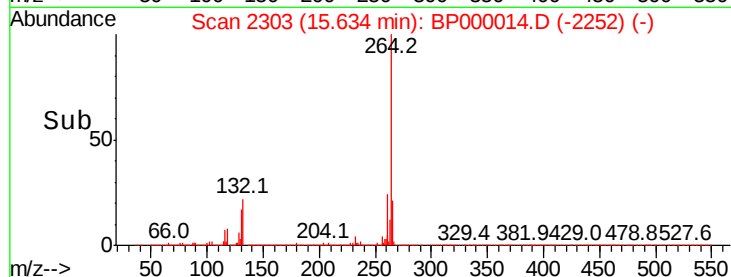
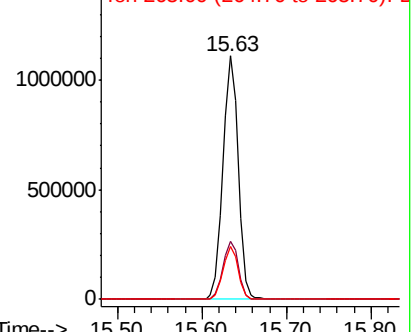


Abundance

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: 38.828 ng

RT: 15.19 min Scan# 2227

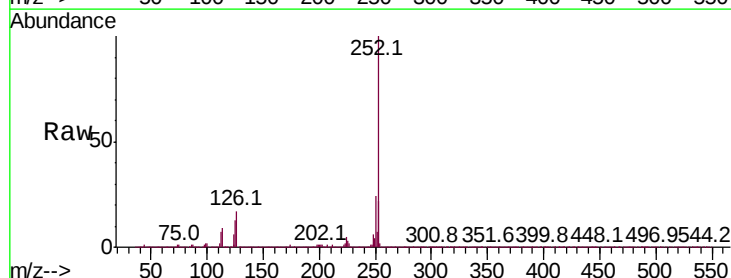
Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Tgt Ion:252 Resp: 3232755

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.7	9.4	14.2

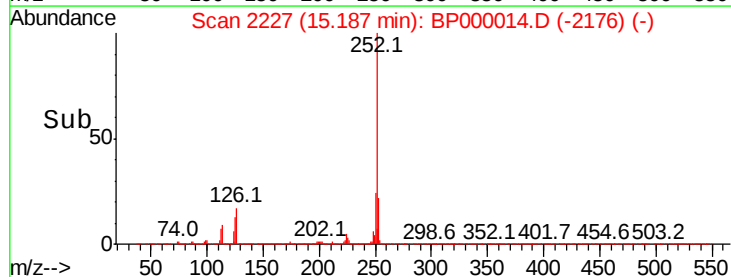
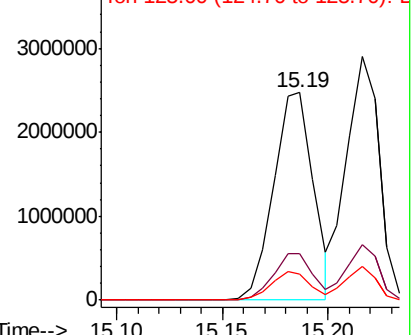


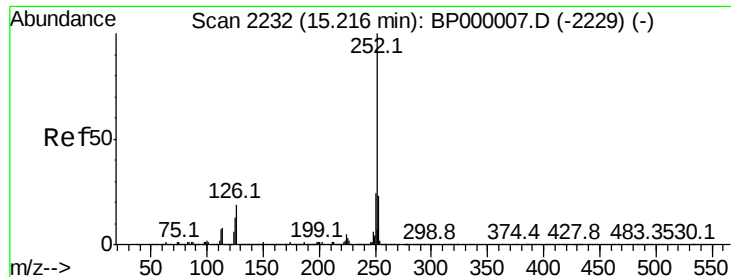
Abundance

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: 41.326 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

Instrument :

BNA_P

ClientSampleId :

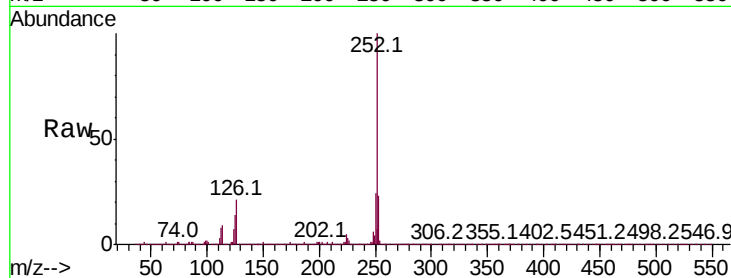
Tot Ion:252 Resp: 3148618

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

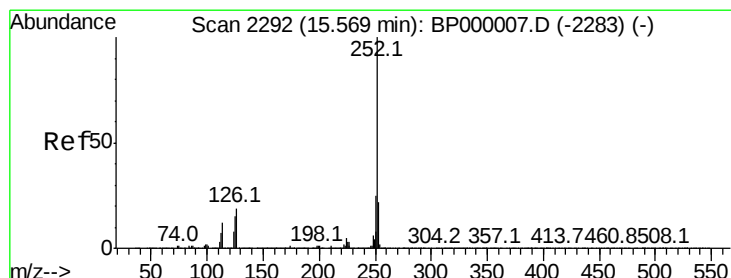
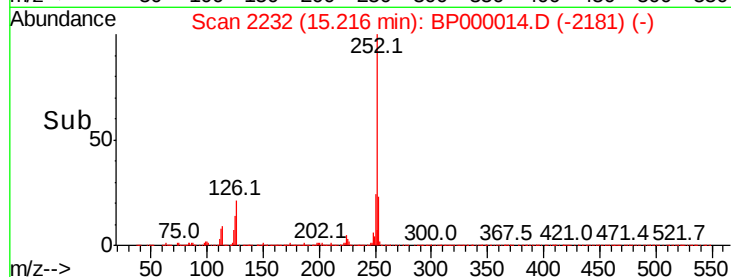
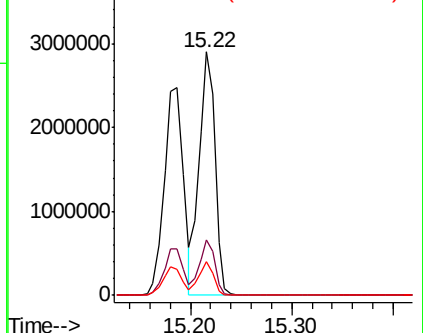
125 13.9 10.3 15.5



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: 40.114 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BP000014.D

Acq: 30 Aug 2019 19:34

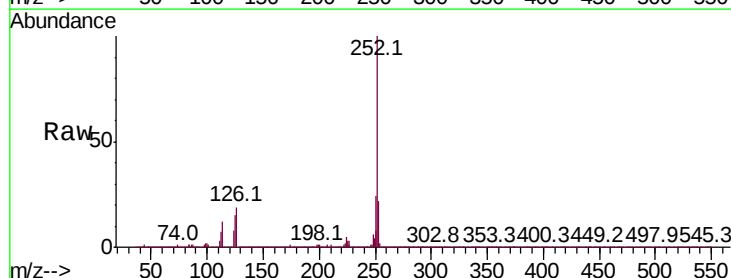
Tgt Ion:252 Resp: 3014846

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

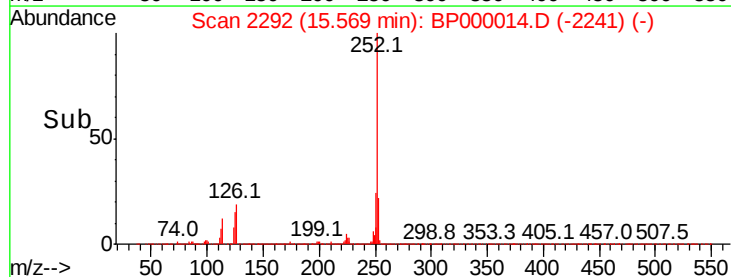
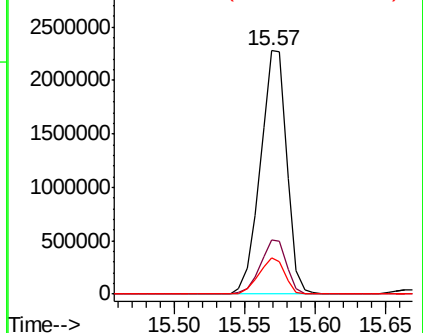
125 14.8 11.7 17.5

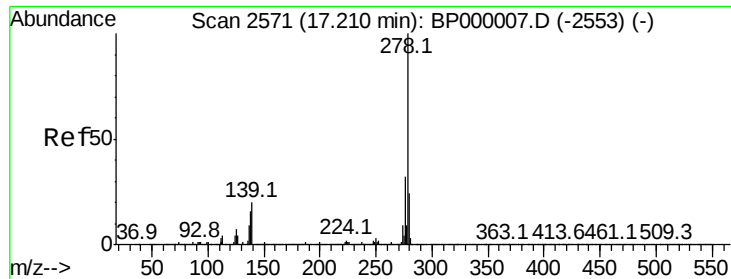


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

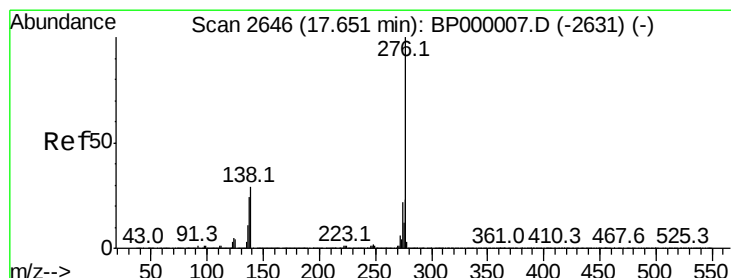
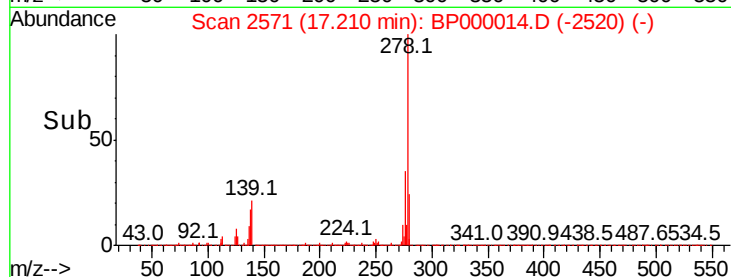
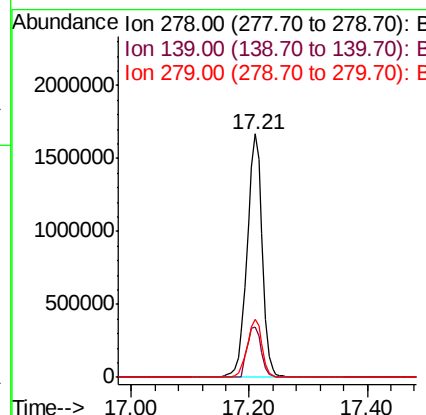
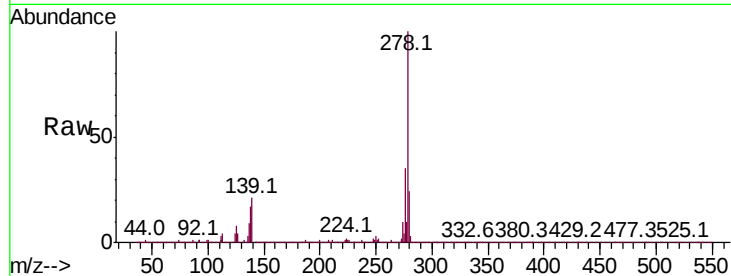




#91
Dibenzo(a,h)anthracene
Concen: 39.979 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 3004797
Ion Ratio Lower Upper
278 100
139 20.9 16.4 24.6
279 23.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 39.328 ng
RT: 17.66 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BP000014.D
Acq: 30 Aug 2019 19:34

Tgt Ion:276 Resp: 2925677
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 27.7 23.0 34.4

