

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104433.D
 Acq On : 11 Apr 2018 13:03
 Operator : JU/SJ
 Sample : J2310-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Quant Time: Apr 12 08:51:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145130	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	569585	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	242324	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	396814	20.00	ng	0.00
75) Chrysene-d12	13.99	240	265065	20.00	ng	0.00
86) Perylene-d12	15.46	264	255918	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	895727	94.37	ng	0.02
7) Phenol-d6	6.45	99	1141727	97.90	ng	0.01
23) Nitrobenzene-d5	7.38	82	695528	79.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	266430	105.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1212176	79.02	ng	0.00
78) Terphenyl-d14	12.93	244	958712	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	102694	23.22	ng	89
3) Pyridine	3.30	79	306610	24.66	ng	89
4) n-Nitrosodimethylamine	3.25	42	125315	28.83	ng	79
6) Aniline	6.47	93	157913	9.75	ng	98
8) 2-Chlorophenol	6.60	128	332730	33.21	ng	94
9) Benzaldehyde	6.36	77	206430	33.04	ng	99
10) Phenol	6.46	94	430033	34.75	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	339074	34.34	ng	94
12) 1,3-Dichlorobenzene	6.75	146	345317	30.43	ng	99
13) 1,4-Dichlorobenzene	6.83	146	351605	31.08	ng	99
14) 1,2-Dichlorobenzene	6.98	146	328755	31.36	ng	99
15) Benzyl Alcohol	6.95	79	288099	32.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	413245	31.16	ng	93
17) 2-Methylphenol	7.06	107	279007	32.04	ng	98
18) Hexachloroethane	7.32	117	118039	29.26	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	224503	29.46	ng	92
20) 3+4-Methylphenols	7.22	107	328418	30.41	ng	# 75
22) Acetophenone	7.22	105	458009	32.66	ng	97
24) Nitrobenzene	7.39	77	348306	36.17	ng	100
25) Isophorone	7.63	82	567054	30.74	ng	100
26) 2-Nitrophenol	7.71	139	184958	47.18	ng	95
27) 2,4-Dimethylphenol	7.75	122	268854	33.03	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	389599	34.55	ng	99
29) 2,4-Dichlorophenol	7.95	162	275956	35.53	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	287392	33.71	ng	98
31) Naphthalene	8.12	128	884019	31.17	ng	99
32) Benzoic acid	7.83	122	48430	7.46	ng	98
33) 4-Chloroaniline	8.17	127	200628	16.51	ng	97
34) Hexachlorobutadiene	8.23	225	155868	33.38	ng	98
35) Caprolactam	8.53	113	65898	24.32	ng	# 86
36) 4-Chloro-3-methylphenol	8.65	107	301535	36.20	ng	99
37) 2-Methylnaphthalene	8.80	142	570910	31.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	255249	36.80	ng	99
40) Hexachlorocyclopentadiene	8.96	237	153291	39.47	ng	98

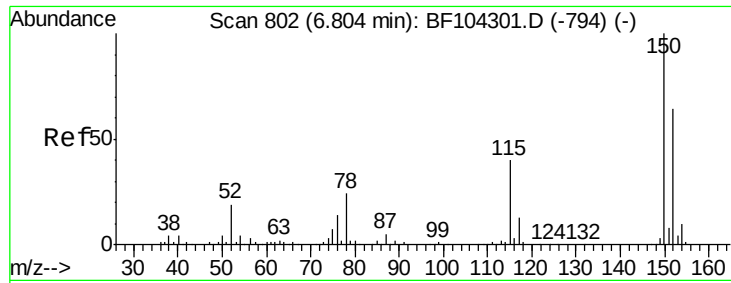
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104433.D
 Acq On : 11 Apr 2018 13:03
 Operator : JU/SJ
 Sample : J2310-03MSD
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	193150	40.11	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	197546	36.66	nq	94
45) 1,1'-Biphenyl	9.27	154	729711	35.85	nq	98
46) 2-Chloronaphthalene	9.30	162	578934	36.00	nq	99
47) 2-Nitroaniline	9.39	65	182937	46.01	nq	97
48) Acenaphthylene	9.72	152	840593	33.32	nq	99
49) Dimethylphthalate	9.57	163	748999	39.20	nq	100
50) 2,6-Dinitrotoluene	9.64	165	151810	42.93	nq	# 86
51) Acenaphthene	9.89	154	508354	33.03	nq	99
52) 3-Nitroaniline	9.80	138	115490	27.90	nq	99
53) 2,4-Dinitrophenol	9.91	184	90045	66.92	nq	# 22
54) Dibenzofuran	10.06	168	756668	35.27	nq	99
55) 4-Nitrophenol	9.97	139	241992	74.42	nq	97
56) 2,4-Dinitrotoluene	10.04	165	192383	41.48	nq	95
57) Fluorene	10.40	166	532680	34.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146538	36.45	nq	95
59) Diethylphthalate	10.27	149	645787	33.93	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	268843	38.66	nq	98
61) 4-Nitroaniline	10.42	138	141204	34.89	nq	96
62) Azobenzene	10.55	77	604317	33.24	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	88045	45.93	nq	88
65) n-Nitrosodiphenylamine	10.51	169	524610	38.13	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	165588	39.23	nq	97
67) Hexachlorobenzene	10.95	284	175412	36.93	nq	95
68) Atrazine	11.04	200	162997	39.25	nq	99
69) Pentachlorophenol	11.14	266	193570	65.88	nq	96
70) Phenanthrene	11.36	178	726703	32.89	nq	99
71) Anthracene	11.42	178	741857	33.03	nq	99
72) Carbazole	11.57	167	737889	33.62	nq	99
73) Di-n-butylphthalate	11.90	149	902943	33.67	nq	99
74) Fluoranthene	12.56	202	699053	30.28	nq	96
76) Benzidine	12.67	184	119558	8.94	nq	97
77) Pyrene	12.79	202	705155	35.89	nq	100
79) Butylbenzylphthalate	13.40	149	332500	35.92	nq	95
80) Benzo(a)anthracene	13.98	228	540750	34.15	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	130991	22.19	nq	# 97
82) Chrysene	14.02	228	545436	33.53	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	445239	37.40	nq	99
84) Di-n-octyl phthalate	14.59	149	703137	35.34	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.92	276	530716	38.41	nq	95
87) Benzo(b)fluoranthene	15.03	252	538549	33.32	nq	# 92
88) Benzo(k)fluoranthene	15.07	252	495822	32.49	nq	97
89) Benzo(a)pyrene	15.40	252	488633	33.79	nq	# 95
90) Dibenzo(a,h)anthracene	16.94	278	445218	37.48	nq	98
91) Benzo(g,h,i)perylene	17.37	276	436845	37.96	nq	95

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

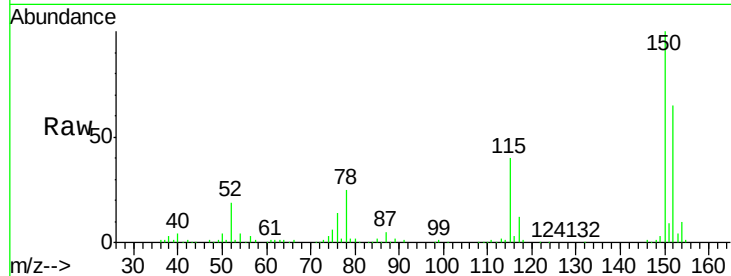


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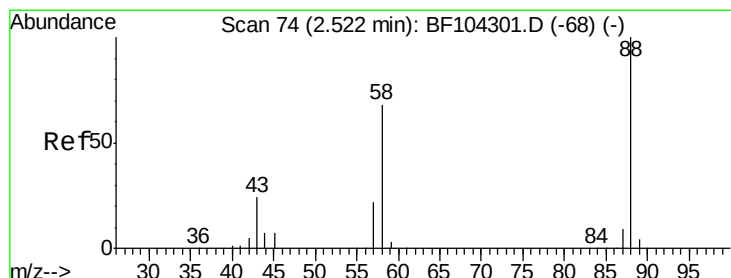
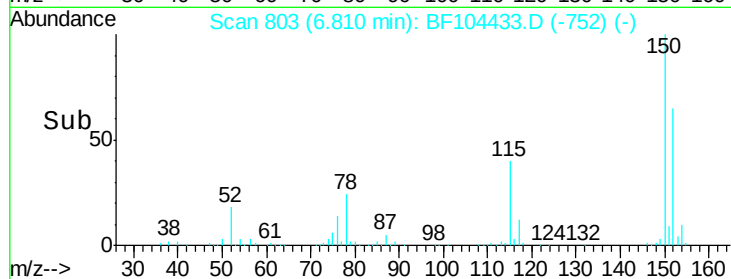
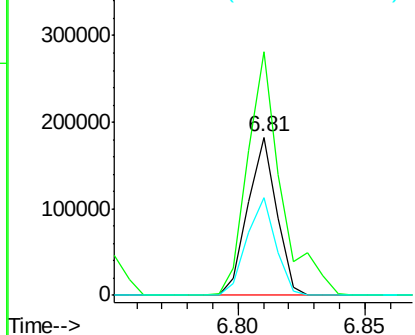
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion:152 Resp: 145130
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 61.9 50.1 75.1



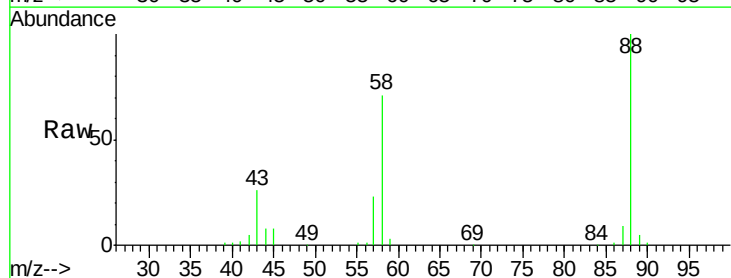
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



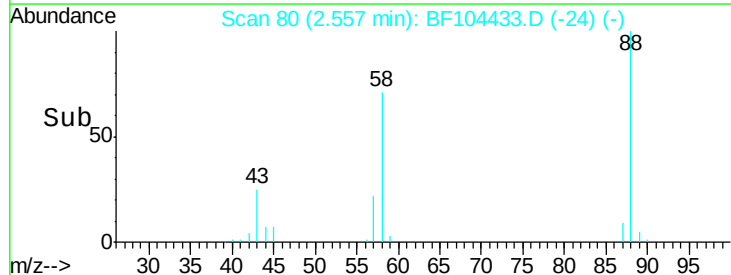
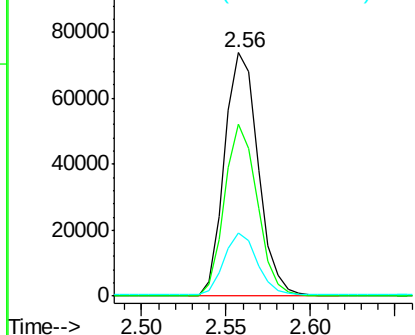
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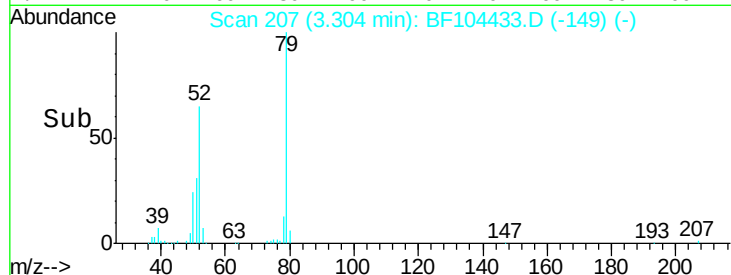
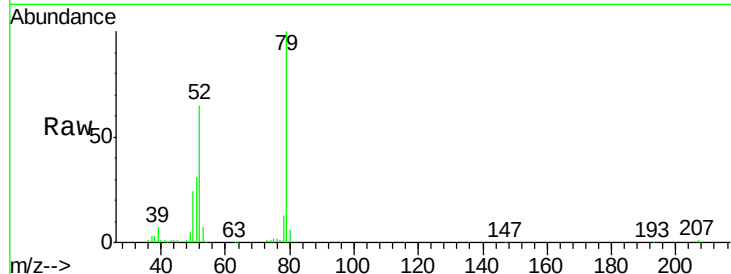
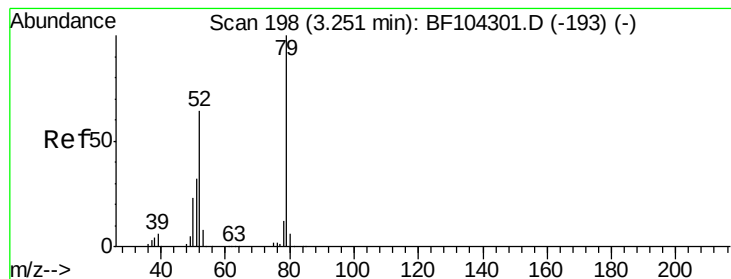
1,4-Dioxane
Concen: 23.22 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion: 88 Resp: 102694
Ion Ratio Lower Upper
88 100
58 68.5 62.6 93.8
43 24.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.66 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.04 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

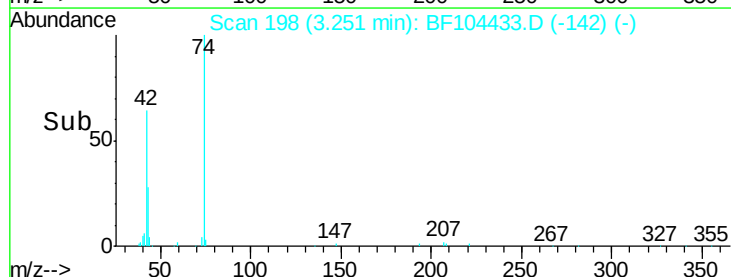
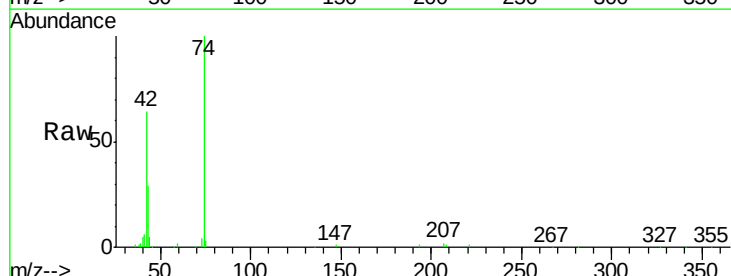
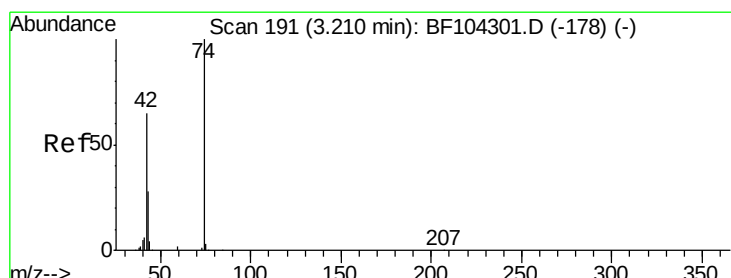
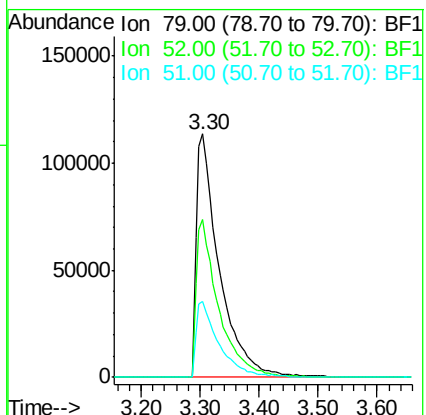
Tot Ion: 79 Resp: 306610

Ion Ratio Lower Upper

79 100

52 64.9 59.8 89.6

51 31.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.83 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.03 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

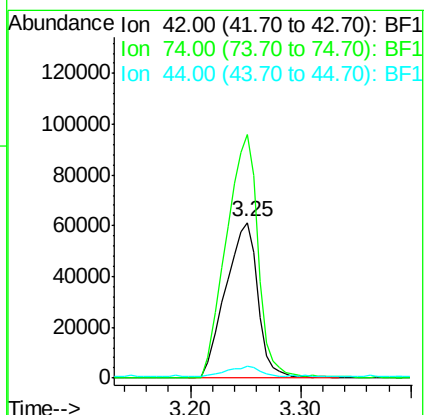
Tgt Ion: 42 Resp: 125315

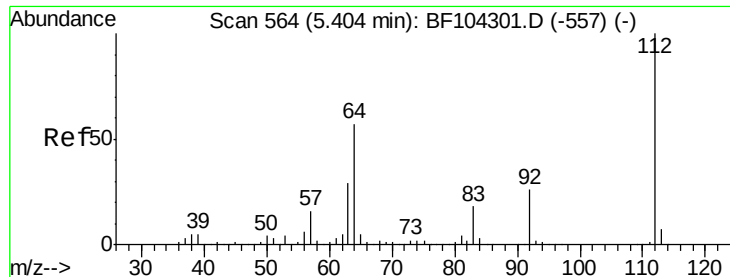
Ion Ratio Lower Upper

42 100

74 156.6 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 94.37 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

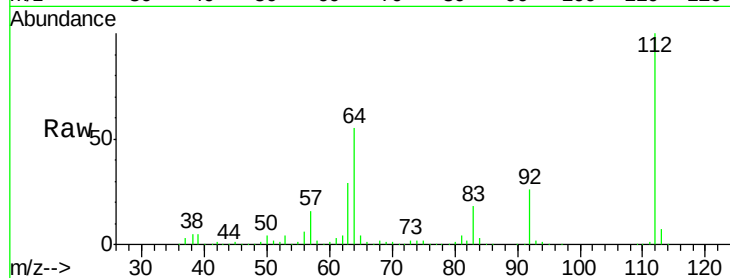
Tot Ion:112 Resp: 895727

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

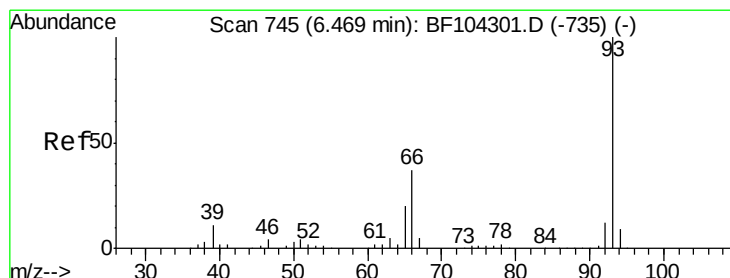
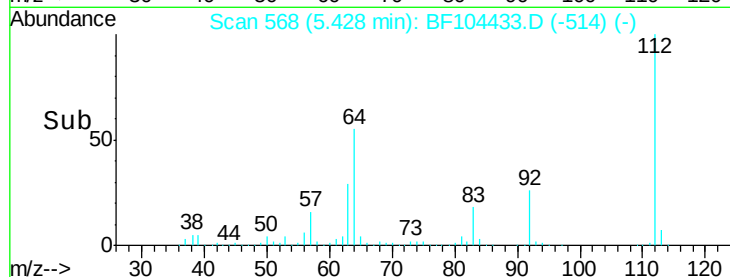
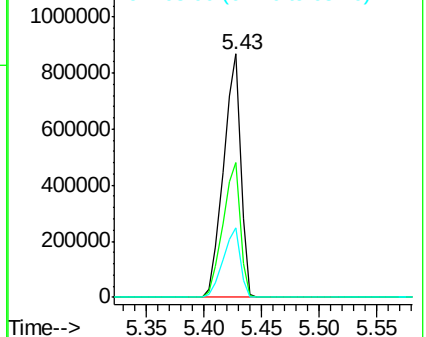
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.75 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

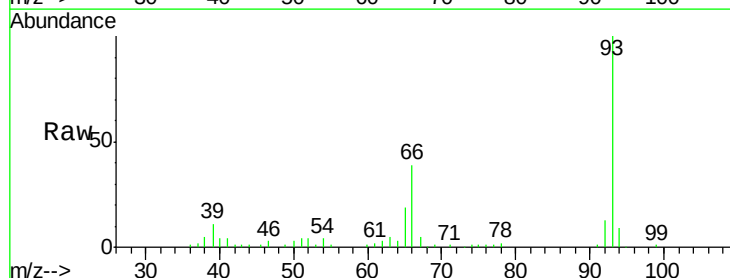
Tgt Ion: 93 Resp: 157913

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

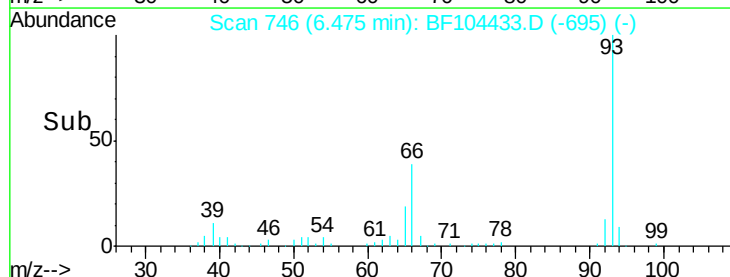
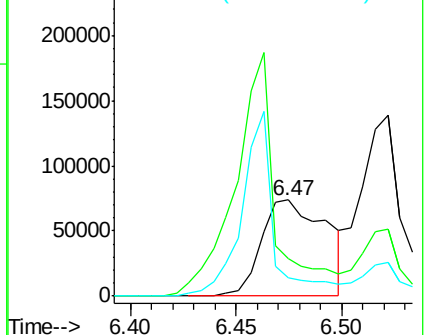
65 19.0 16.4 24.6

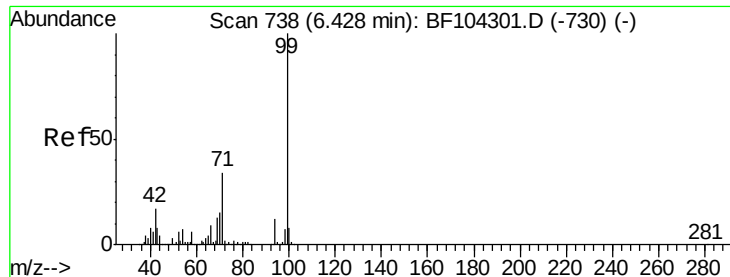


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.90 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

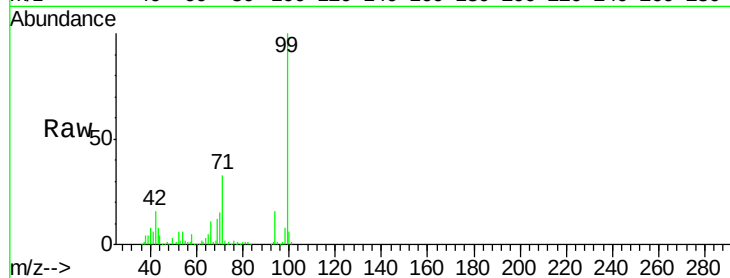
Tot Ion: 99 Resp: 1141727

Ion Ratio Lower Upper

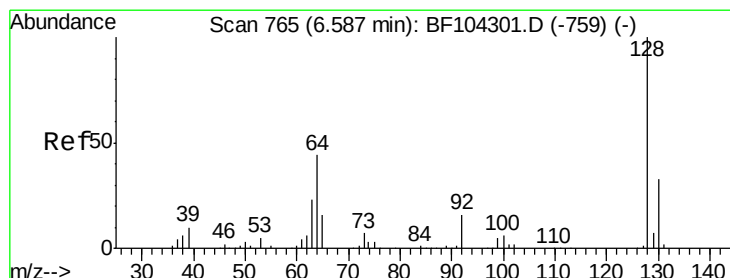
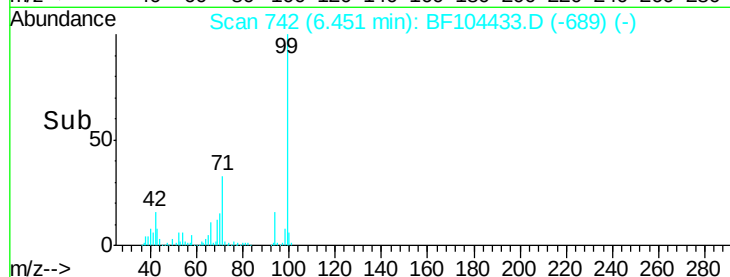
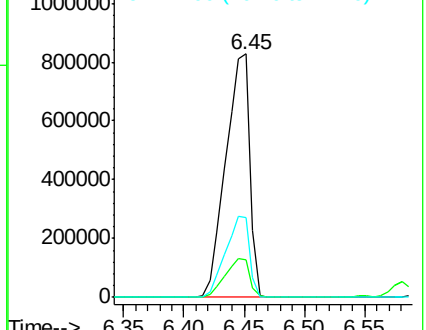
99 100

42 15.6 14.5 21.7

71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.21 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

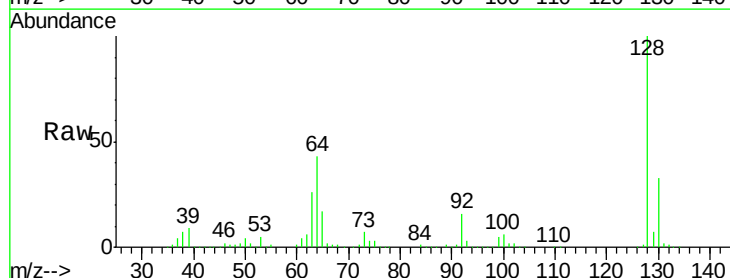
Tgt Ion: 128 Resp: 332730

Ion Ratio Lower Upper

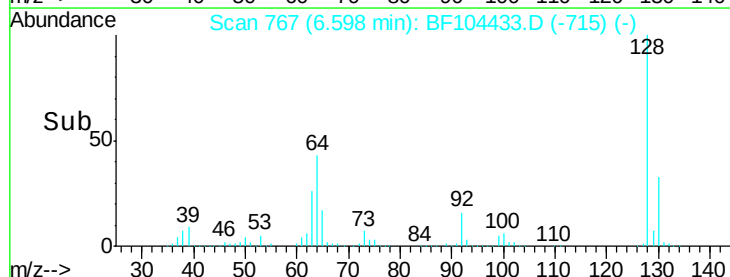
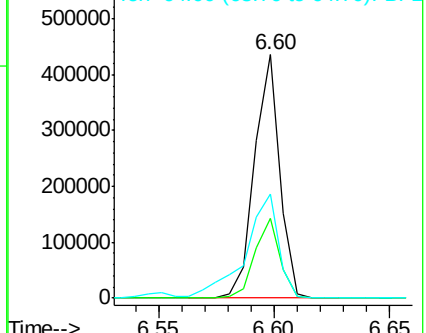
128 100

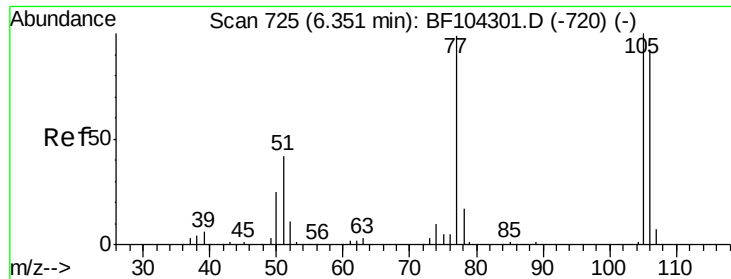
130 32.8 13.0 53.0

64 42.6 29.4 69.4



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): BF1

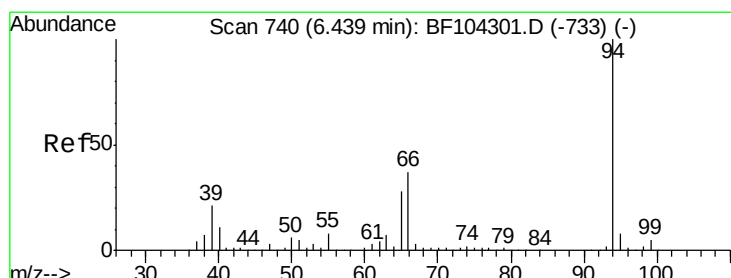
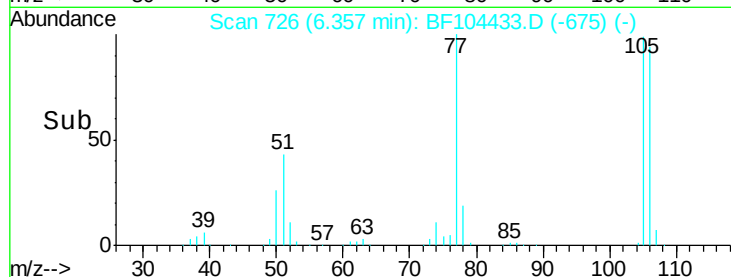
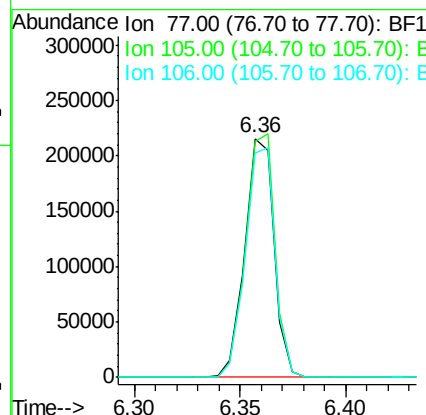
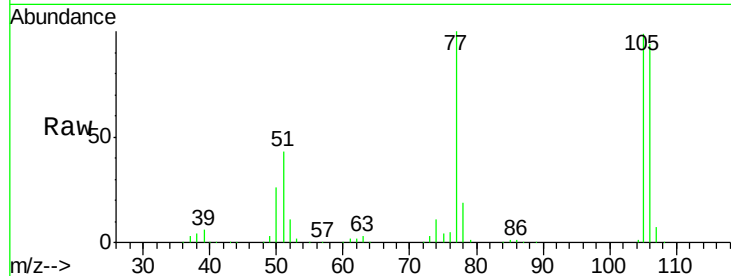




#9
Benzaldehyde
Concen: 33.04 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

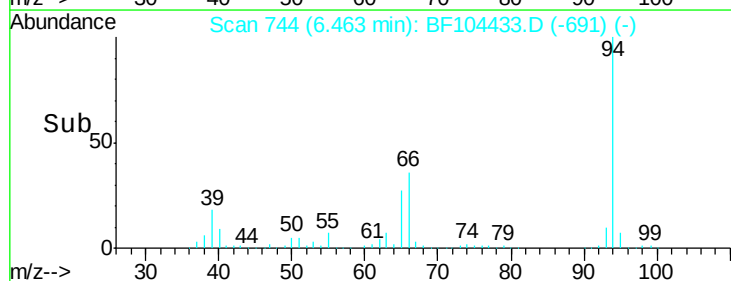
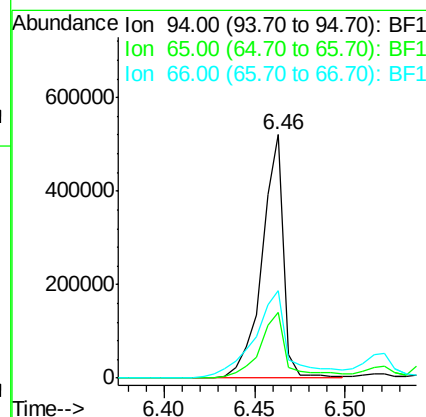
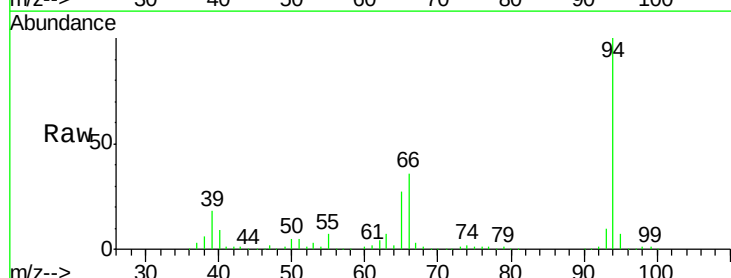
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

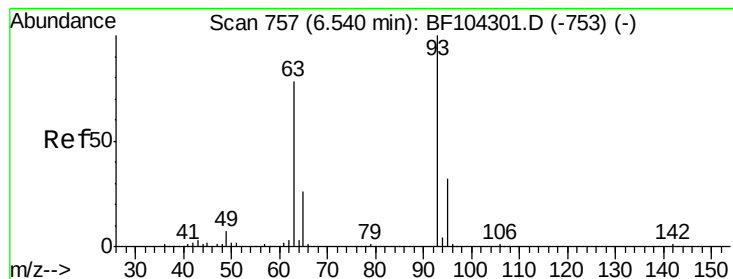
Tot Ion: 77 Resp: 206430
Ion Ratio Lower Upper
77 100
105 99.0 81.1 121.1
106 94.1 74.5 114.5



#10
Phenol
Concen: 34.75 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion: 94 Resp: 430033
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 35.9 16.2 56.2

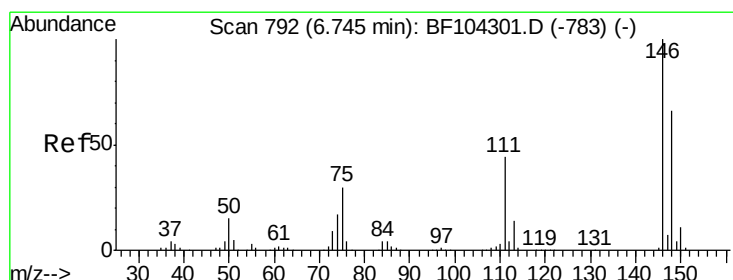
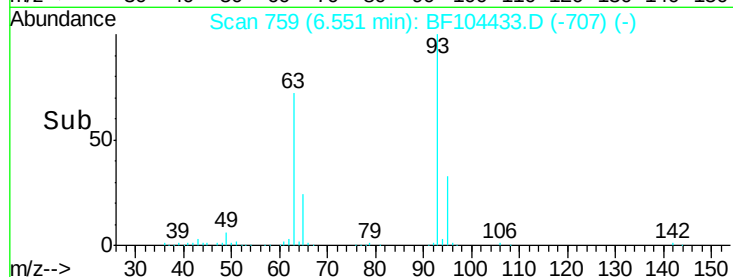
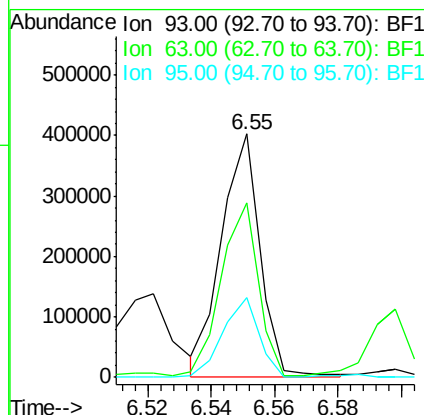
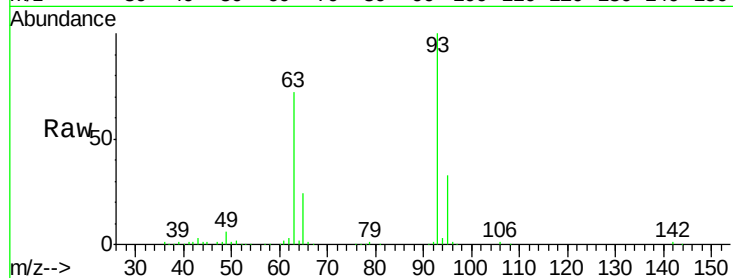




#11
bis(2-Chloroethyl)ether
Concen: 34.34 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

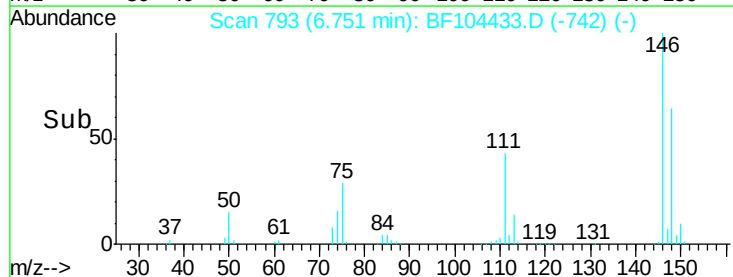
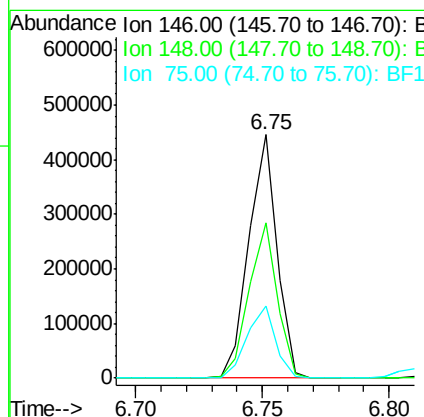
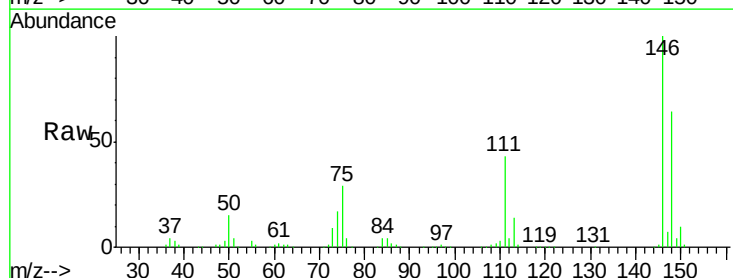
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

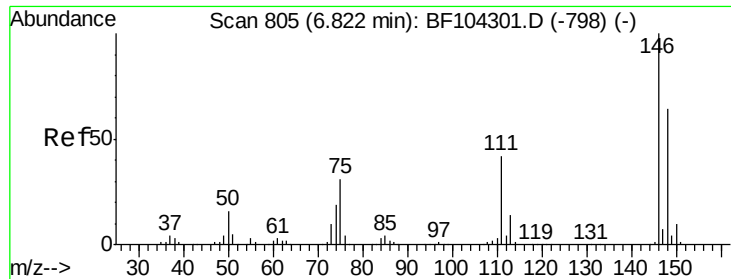
Tot Ion: 93 Resp: 339074
Ion Ratio Lower Upper
93 100
63 71.9 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 30.43 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion: 146 Resp: 345317
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 29.5 24.2 36.4

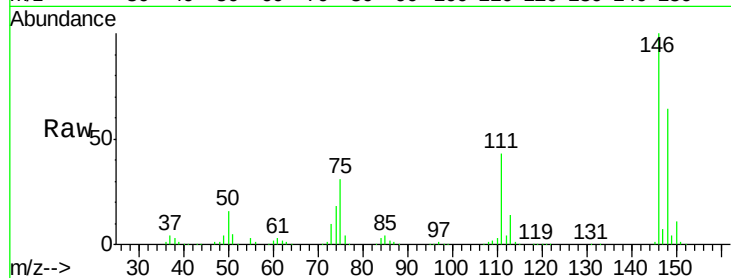




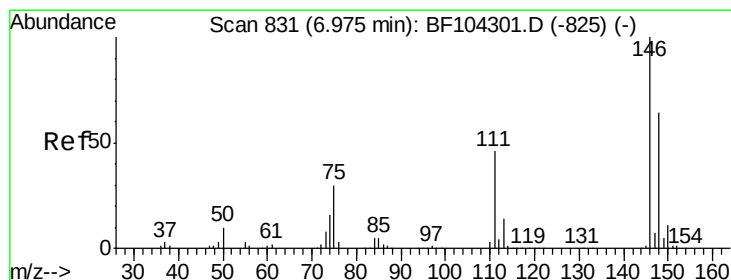
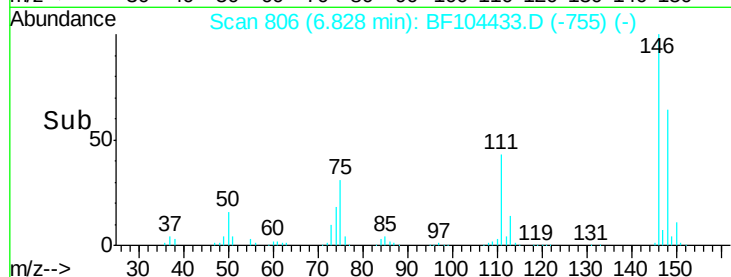
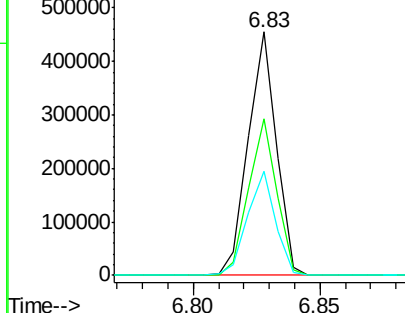
#13
 1,4-Dichlorobenzene
 Concen: 31.08 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:146 Resp: 351605
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 42.7 34.2 51.2

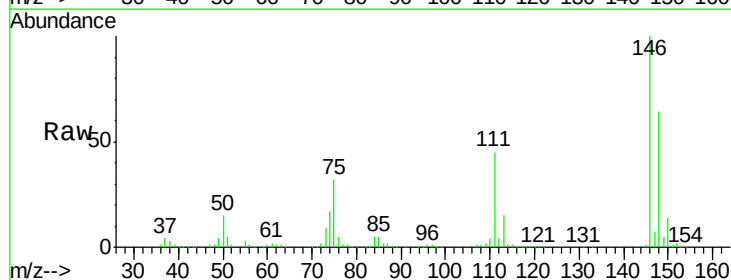


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

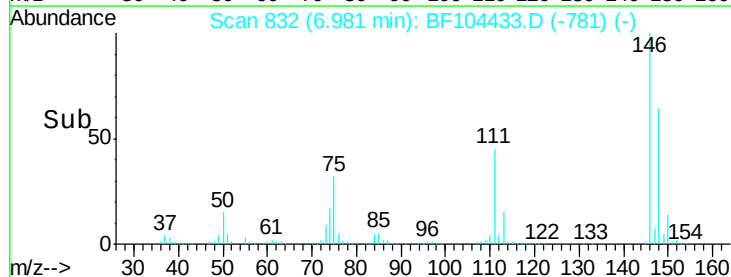
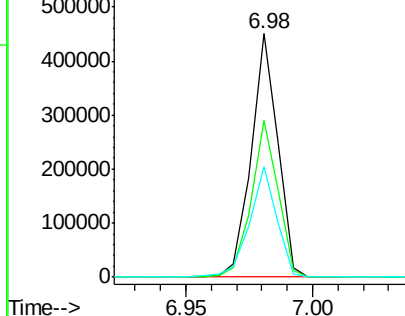


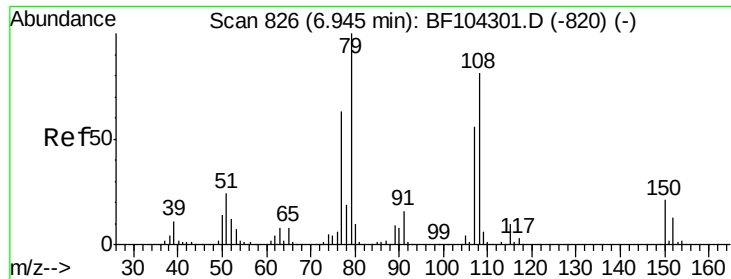
#14
 1,2-Dichlorobenzene
 Concen: 31.36 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:146 Resp: 328755
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 45.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

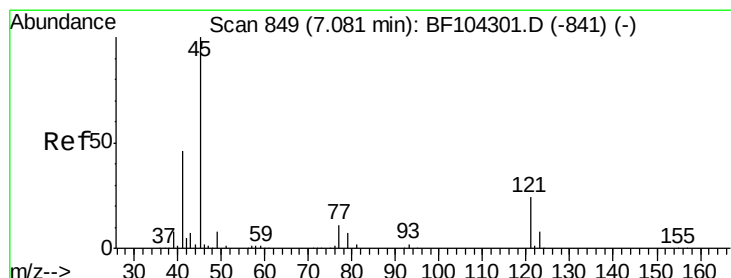
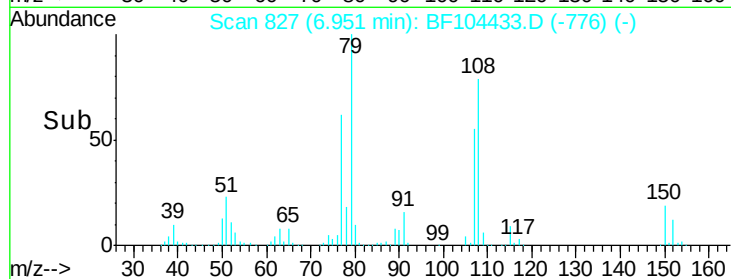
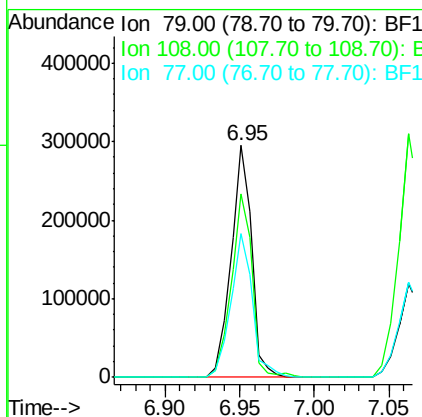
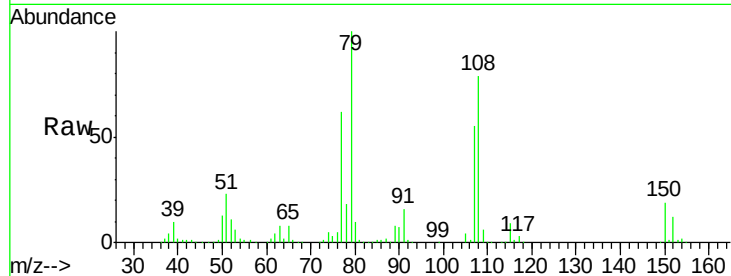




#15
Benzyl Alcohol
Concen: 32.53 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

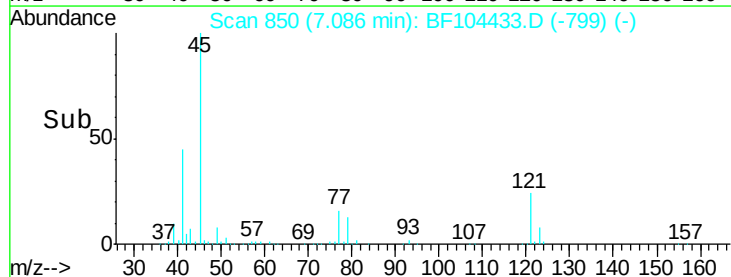
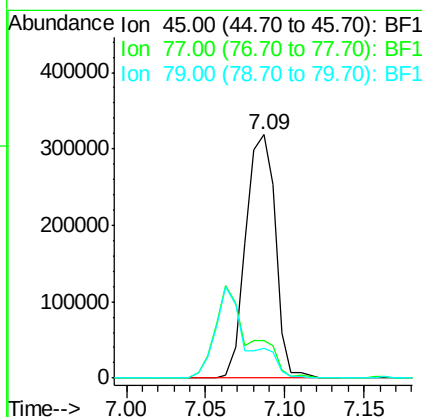
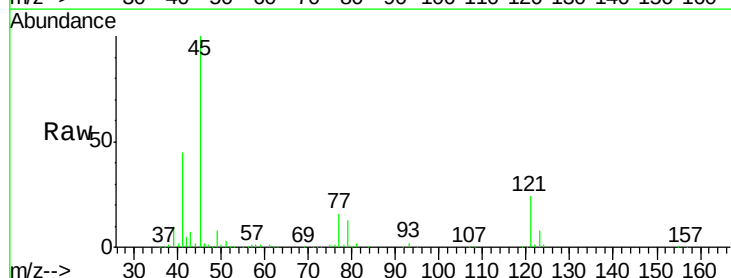
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

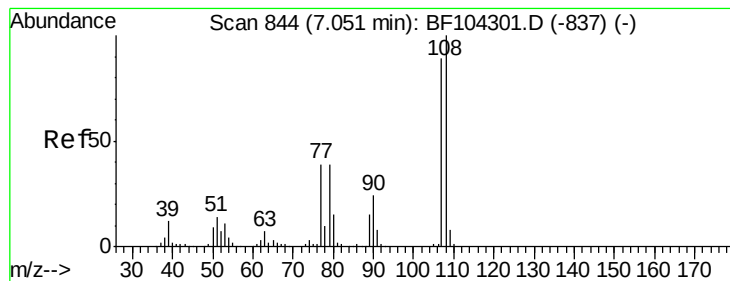
Tot Ion: 79 Resp: 288099
Ion Ratio Lower Upper
79 100
108 79.1 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.16 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion: 45 Resp: 413245
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 12.5 0.0 29.6

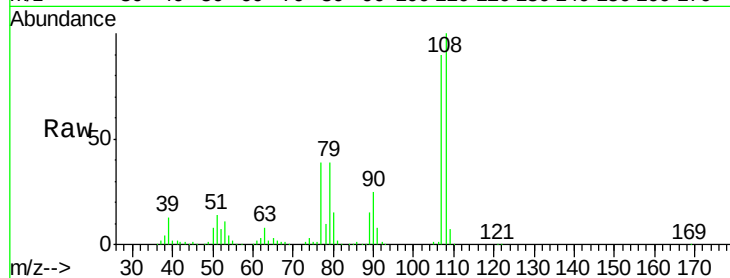




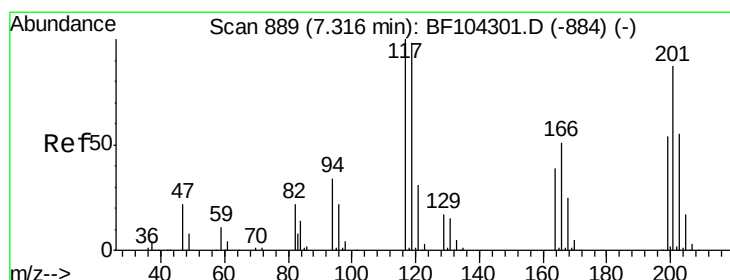
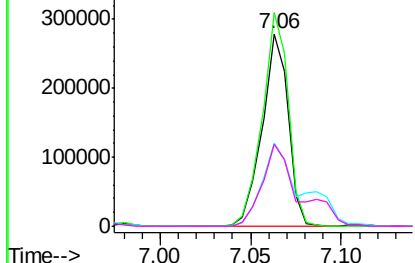
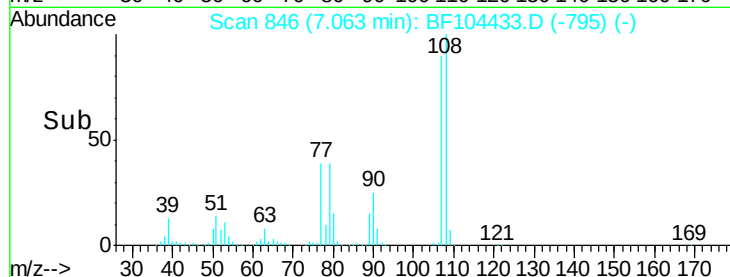
#17
2-Methylphenol
Concen: 32.04 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.7	137.5
77	43.6	33.8	50.8
79	42.8	33.8	50.8

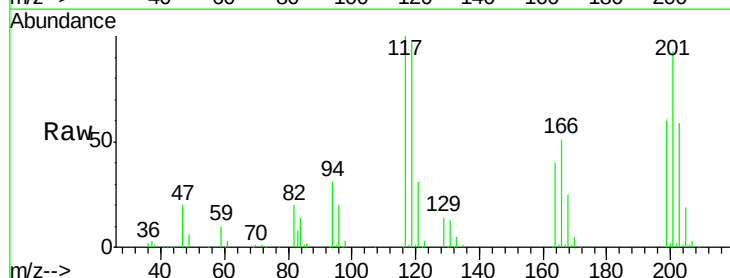


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

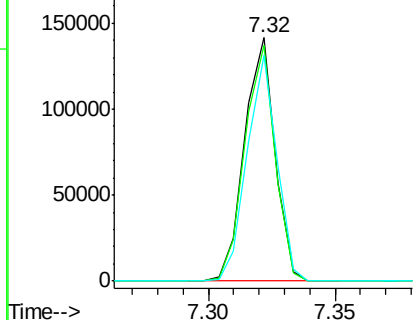
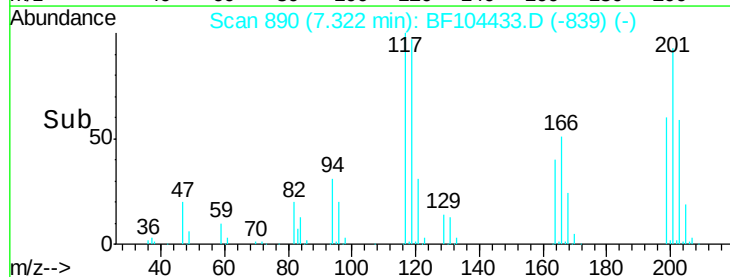


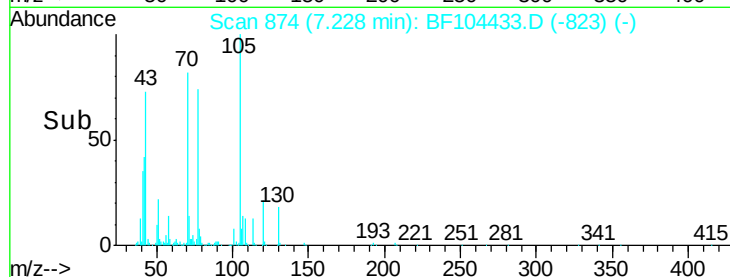
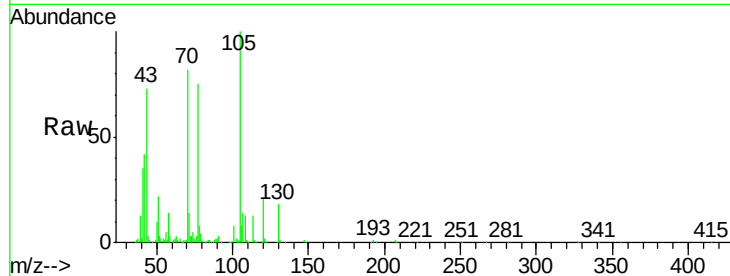
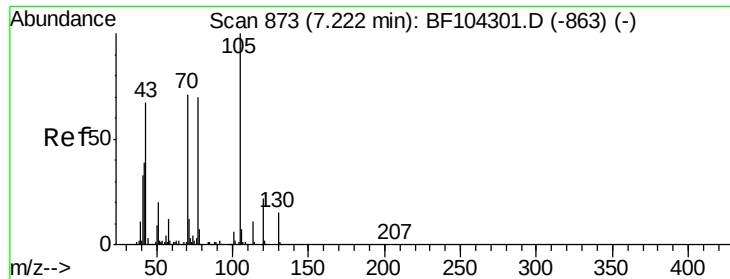
#18
Hexachloroethane
Concen: 29.26 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	92.9	75.7	113.5



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

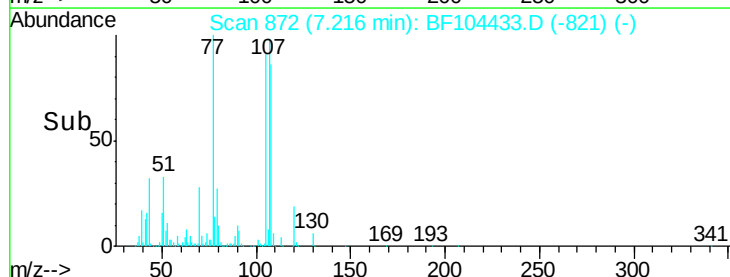
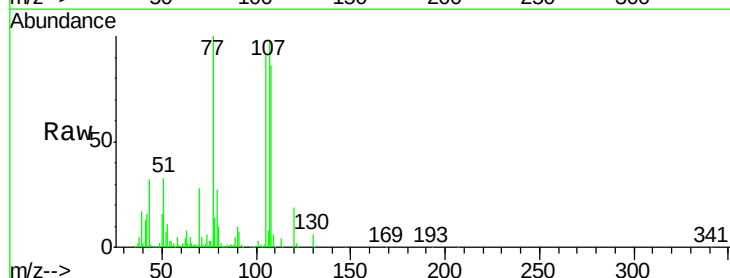
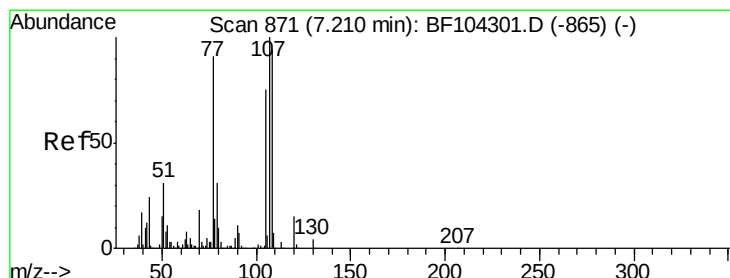
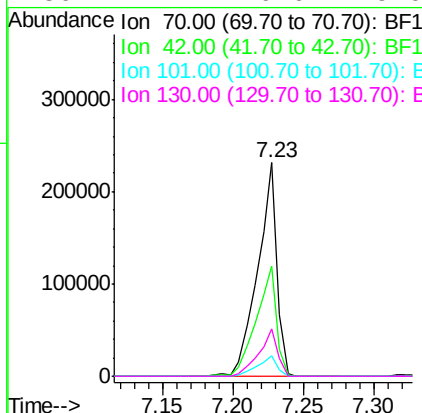




#19
n-Nitroso-di-n-propylamine
Concen: 29.46 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

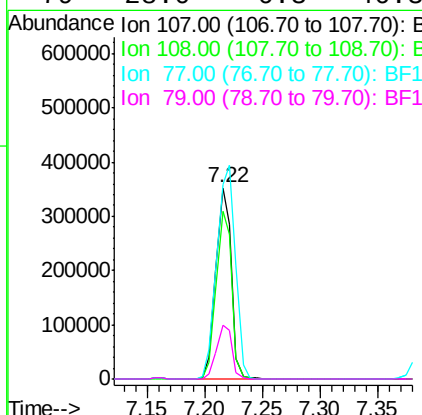
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

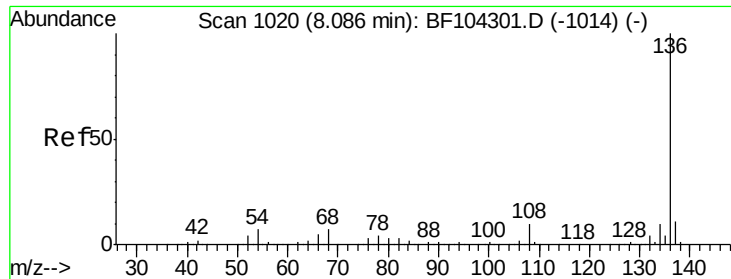
Tot Ion: 70 Resp: 224503
Ion Ratio Lower Upper
70 100
42 51.6 47.5 71.3
101 9.7 7.4 11.2
130 22.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.41 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion: 107 Resp: 328418
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 101.8 26.7 66.7#
79 28.0 6.3 46.3

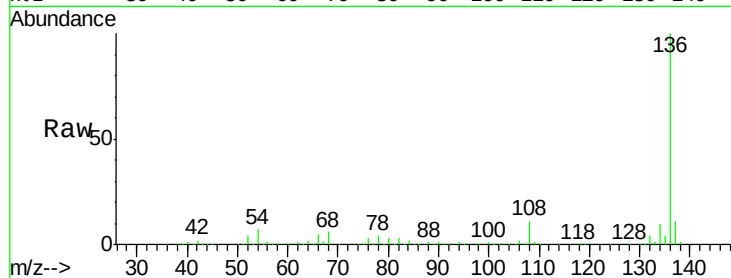




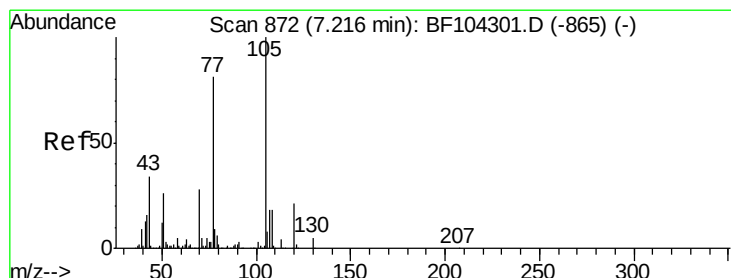
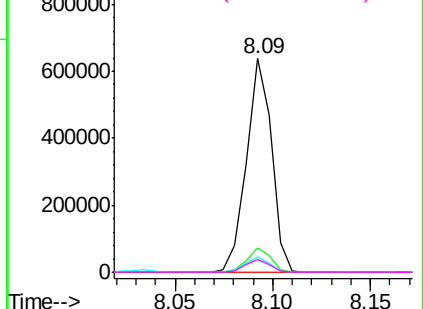
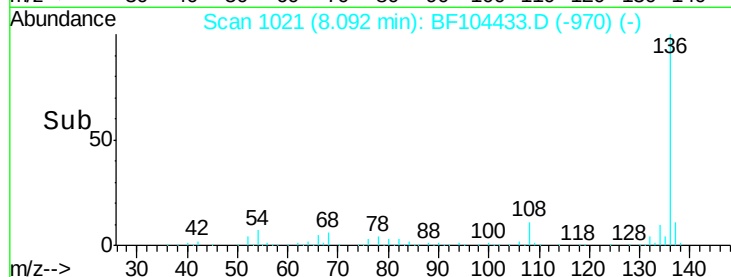
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion:136	Resp:	569585
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.2	6.6 9.8
68	6.2	5.0 7.4

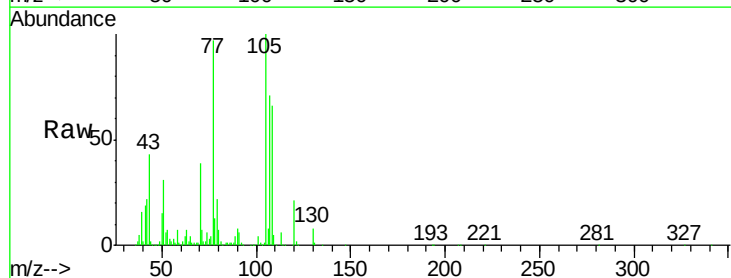


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

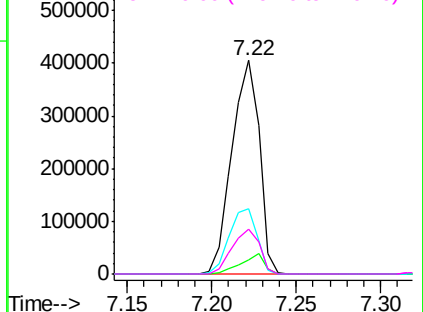
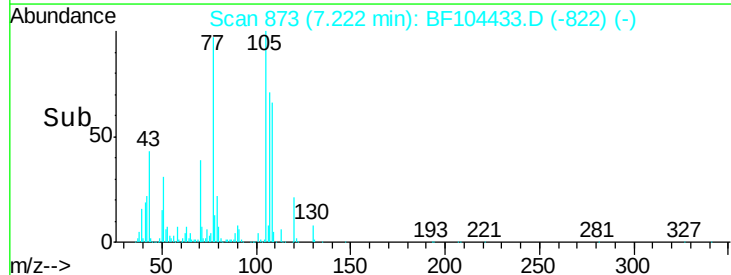


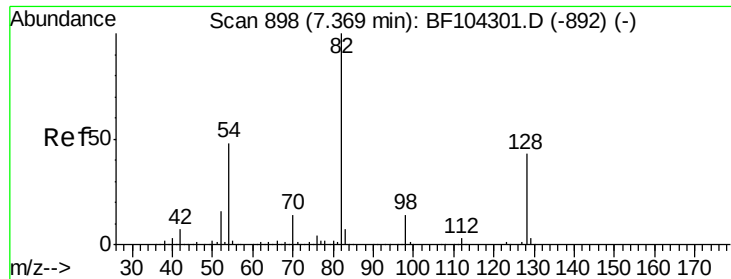
#22
Acetophenone
Concen: 32.66 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:105	Resp:	458009
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	30.8	22.3 33.5
120	21.1	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

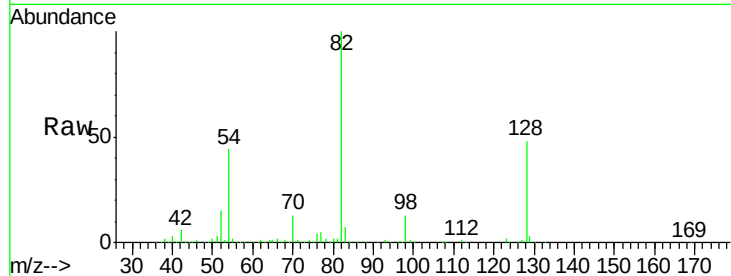




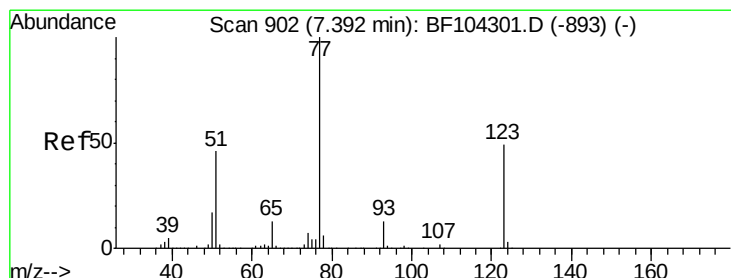
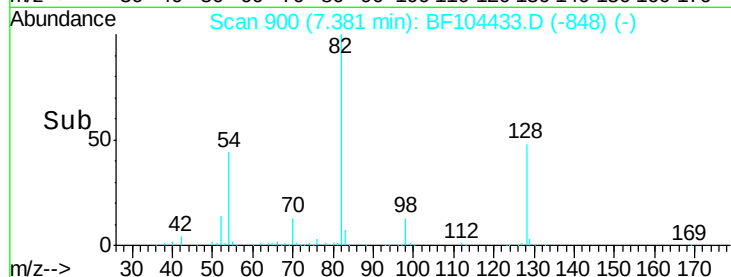
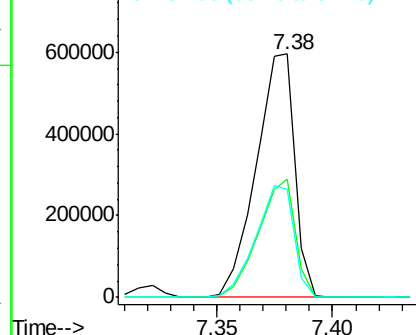
#23
 Nitrobenzene-d5
 Concen: 79.74 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	82	Resp	695528
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	44.2	41.4	62.2

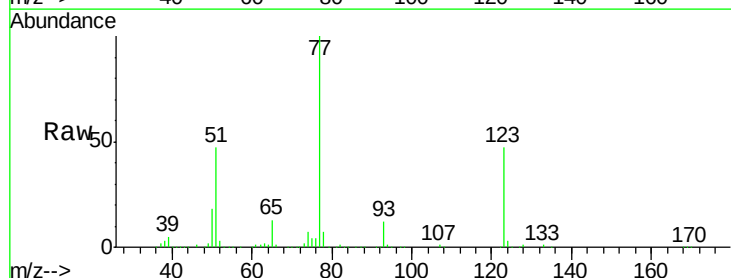


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

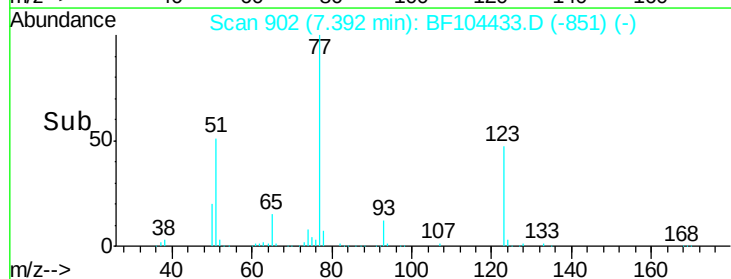
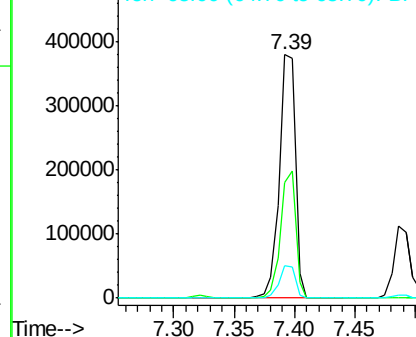


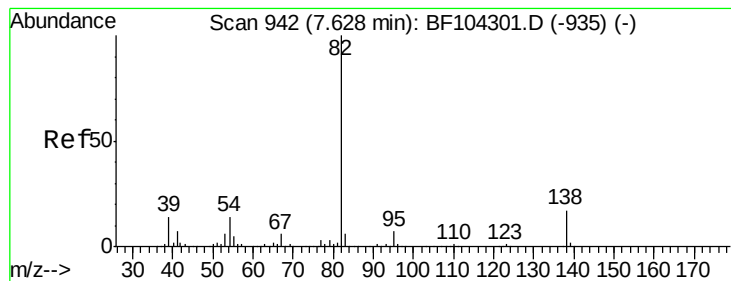
#24
 Nitrobenzene
 Concen: 36.17 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	77	Resp	348306
Ion Ratio	Lower	Upper	
77	100		
123	47.5	37.9	56.9
65	13.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 30.74 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

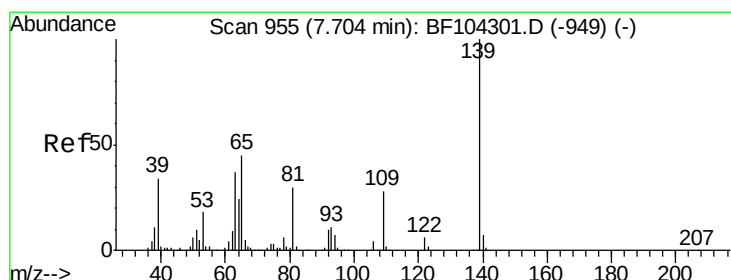
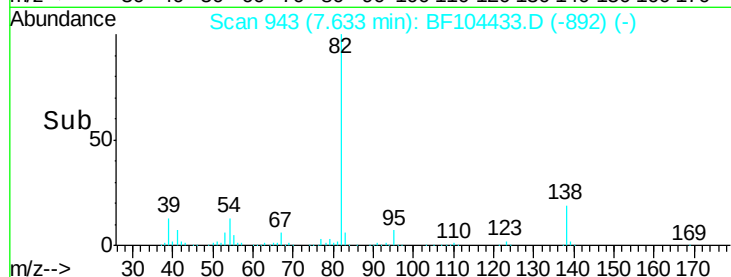
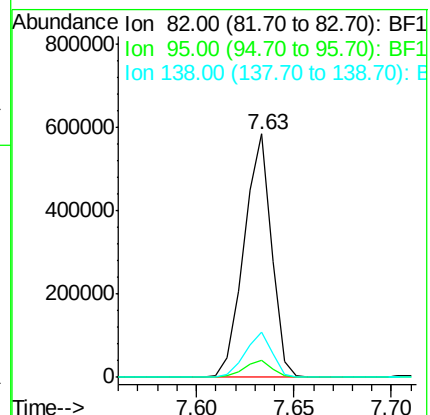
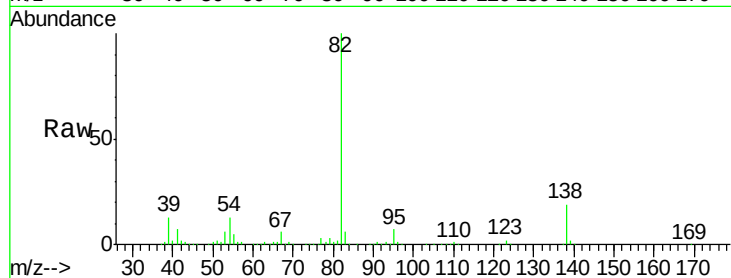
Tot Ion: 82 Resp: 567054

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 47.18 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

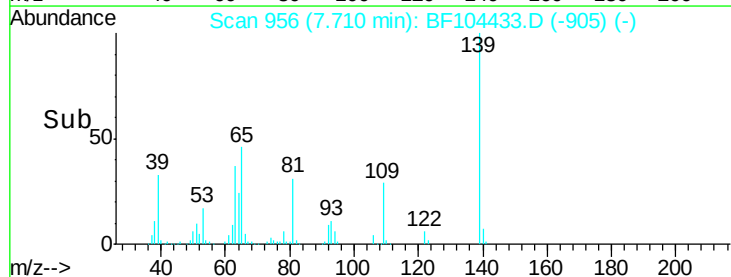
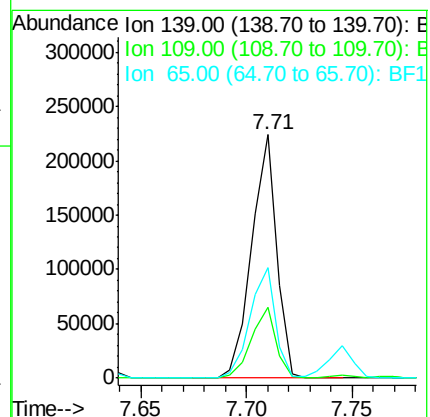
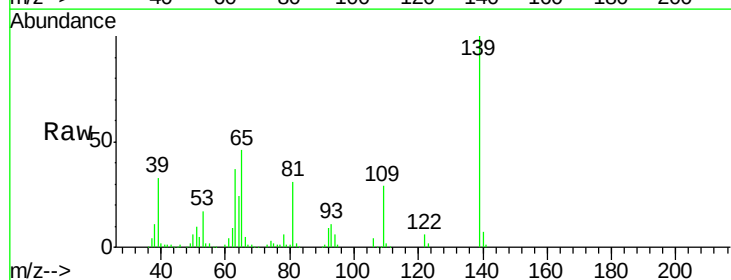
Tgt Ion: 139 Resp: 184958

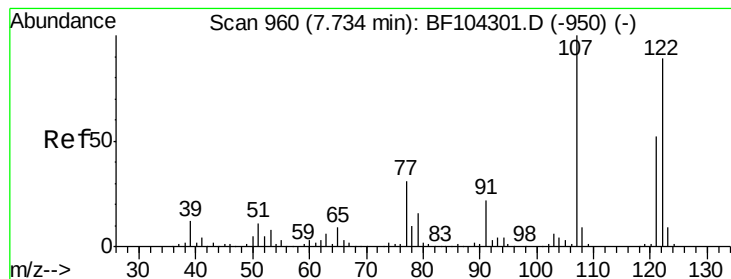
Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

65 45.6 40.5 60.7

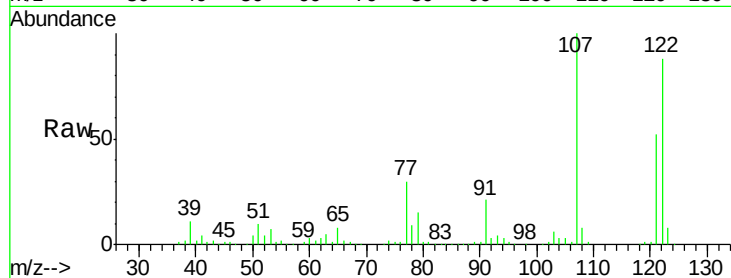




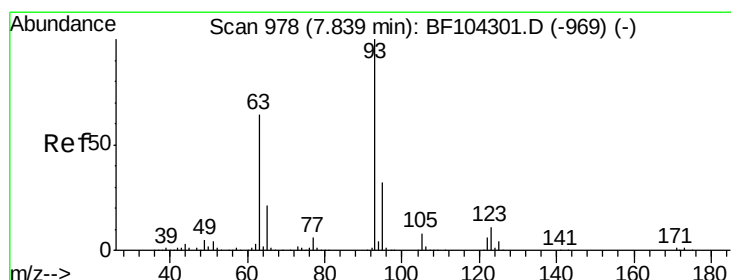
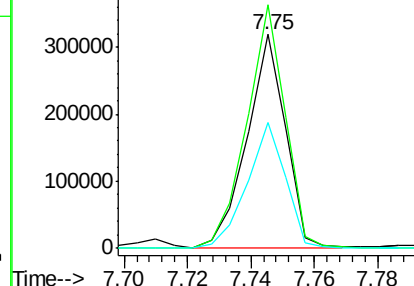
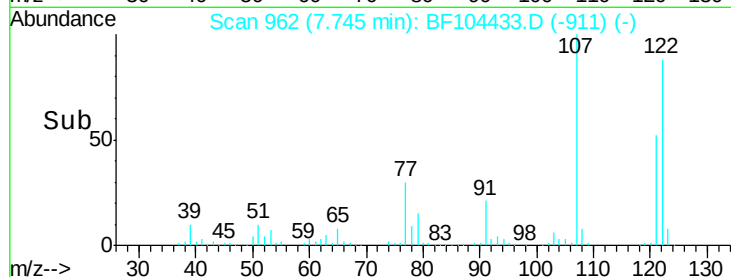
#27
 2,4-Dimethylphenol
 Concen: 33.03 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:122 Resp: 268854
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.2 136.8
 121 58.8 47.2 70.8

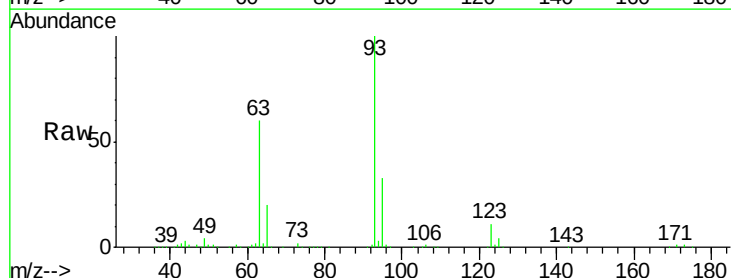


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

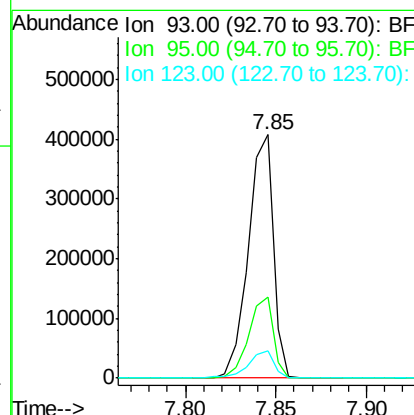
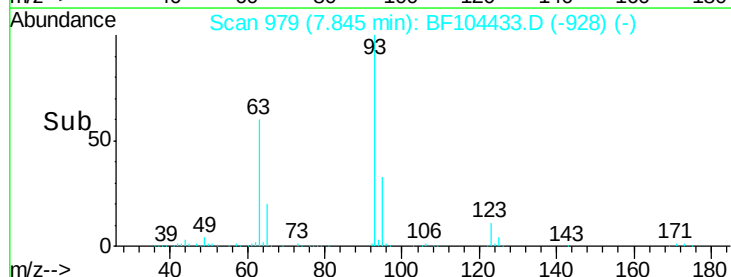


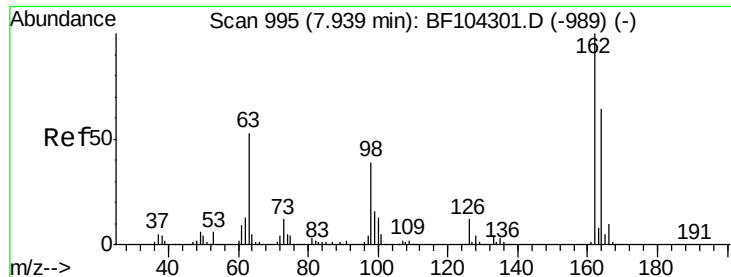
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.55 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion: 93 Resp: 389599
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.2 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

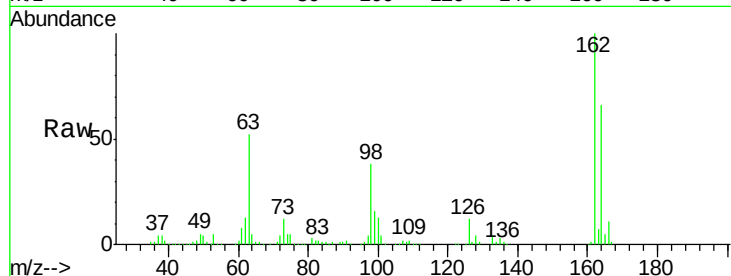




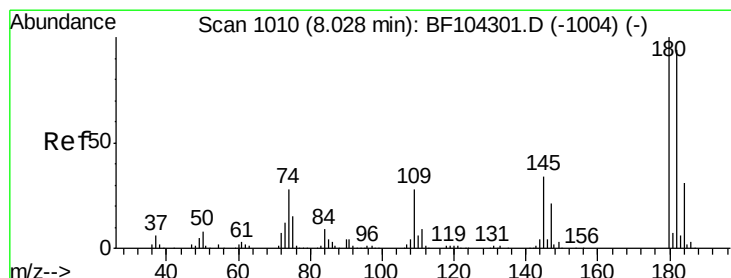
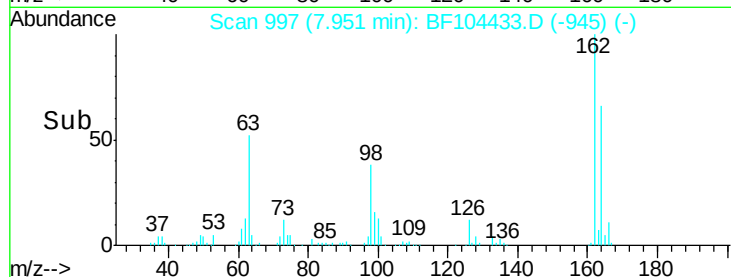
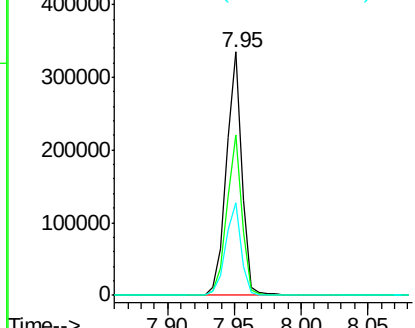
#29
2,4-Dichlorophenol
Concen: 35.53 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.7	82.7
98	37.9	18.1	58.1

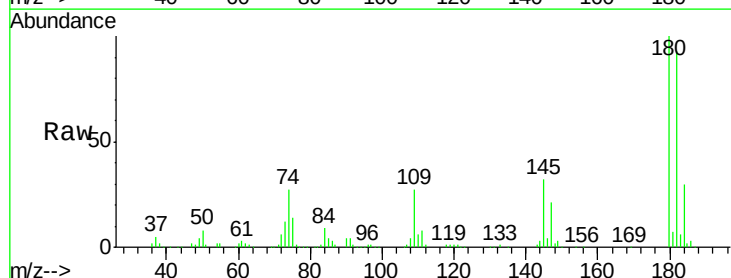


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

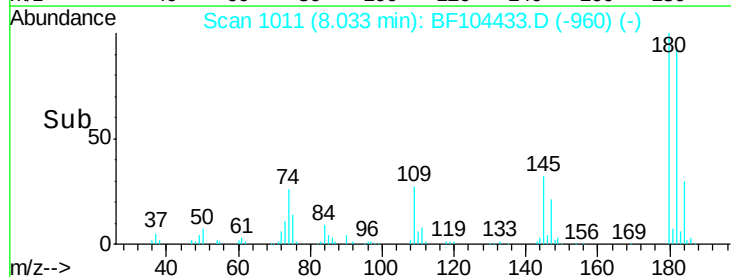
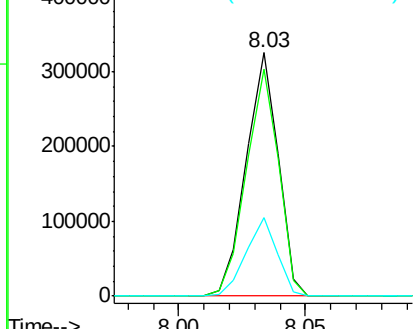


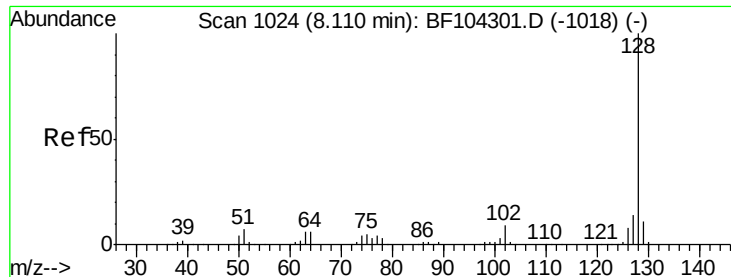
#30
1,2,4-Trichlorobenzene
Concen: 33.71 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	32.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.17 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

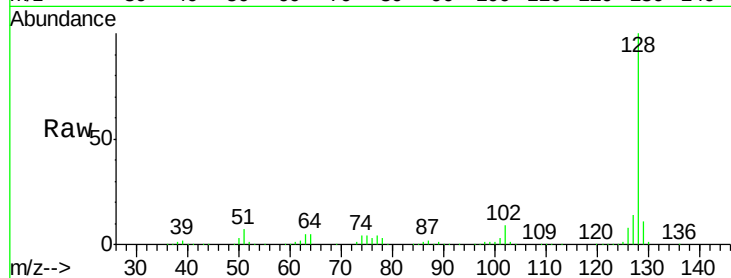
Tot Ion:128 Resp: 884019

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

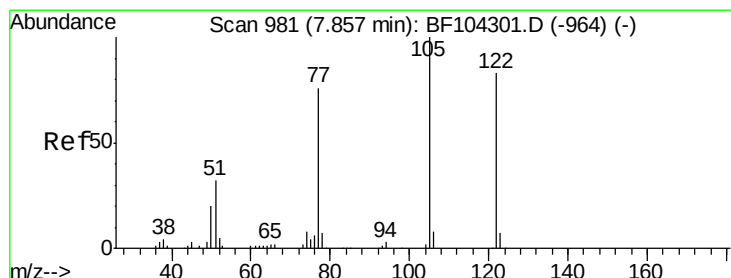
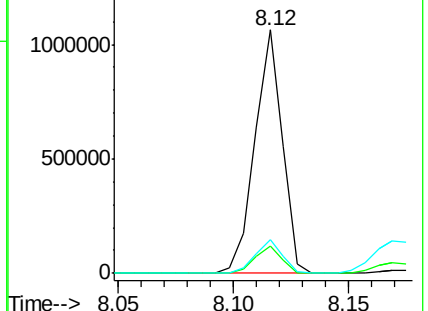
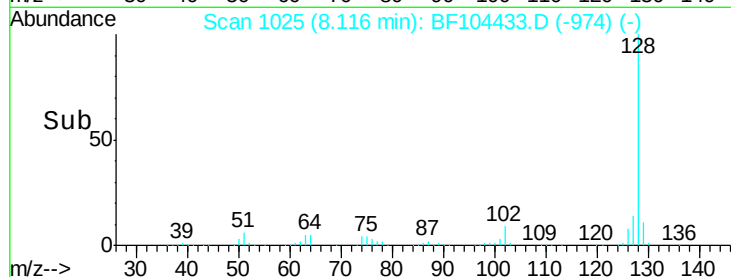
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.46 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

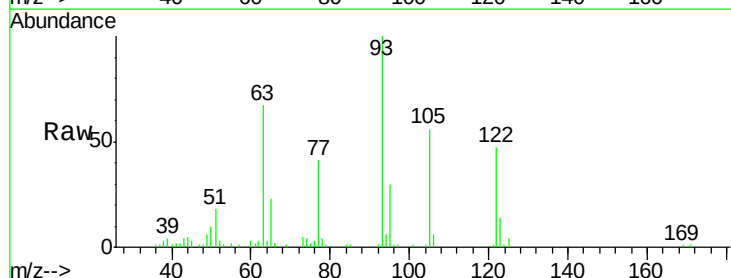
Tgt Ion:122 Resp: 48430

Ion Ratio Lower Upper

122 100

105 119.8 101.1 141.1

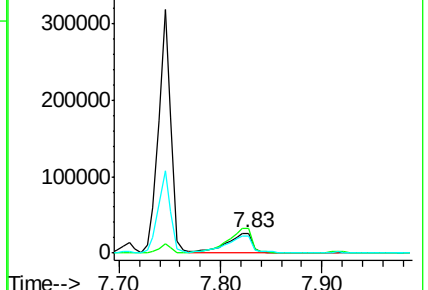
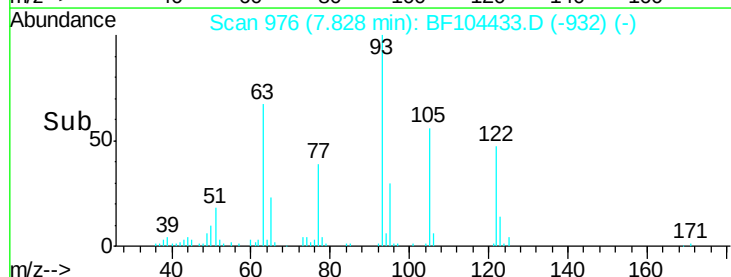
77 87.1 70.7 110.7

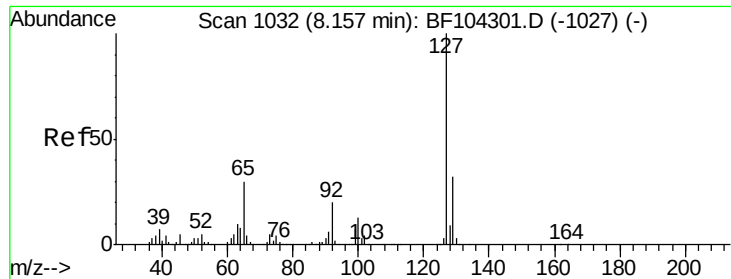


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

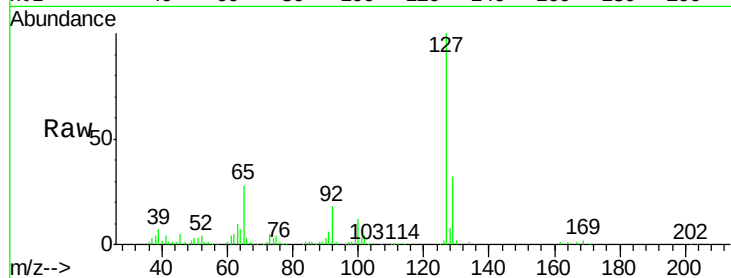




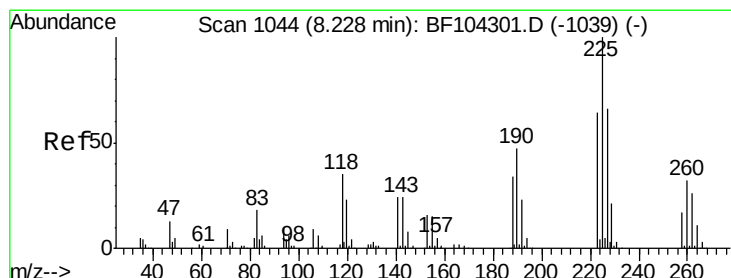
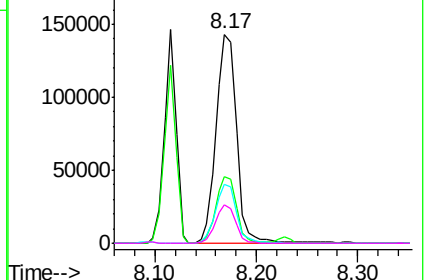
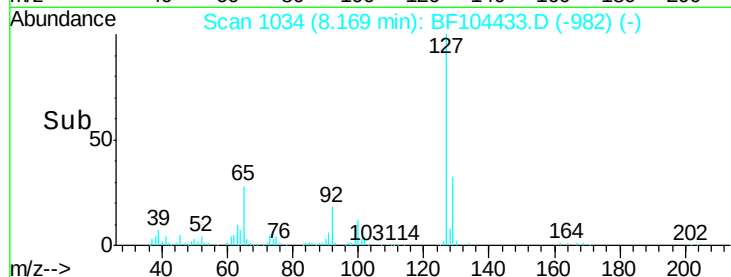
#33
4-Chloroaniline
Concen: 16.51 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion:	127	Resp:	200628
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	28.4	25.0	37.4
92	18.2	15.2	22.8

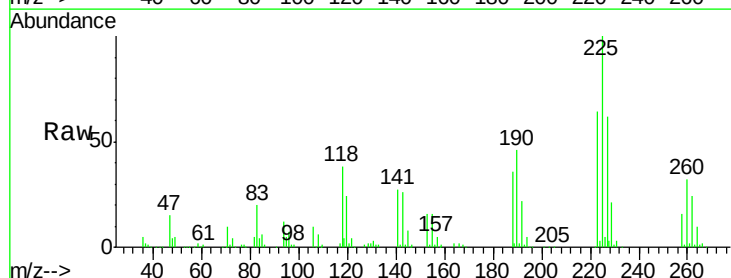


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

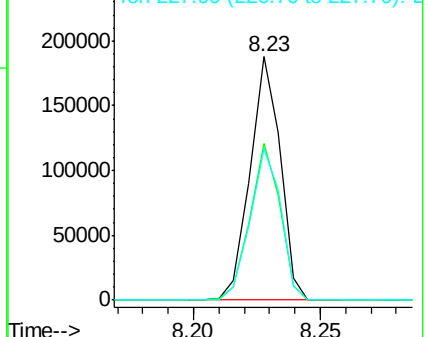
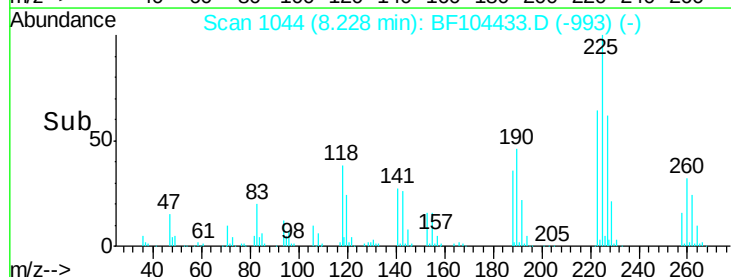


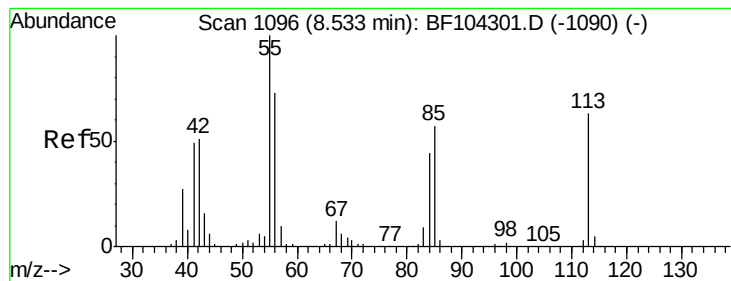
#34
Hexachlorobutadiene
Concen: 33.38 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:	225	Resp:	155868
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	62.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.32 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

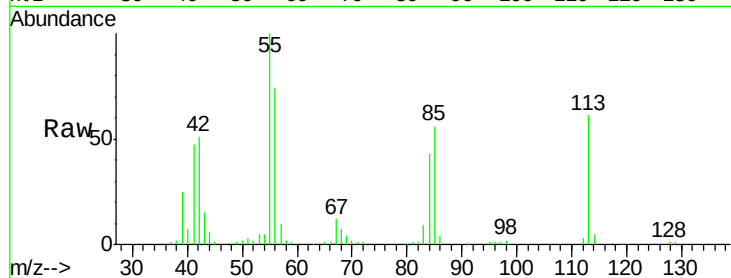
Tot Ion:113 Resp: 65898

Ion Ratio Lower Upper

113 100

55 162.6 163.3 203.3#

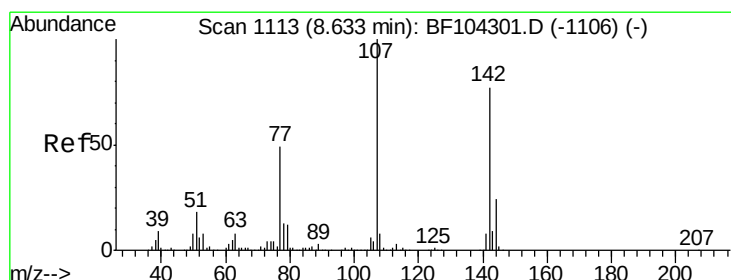
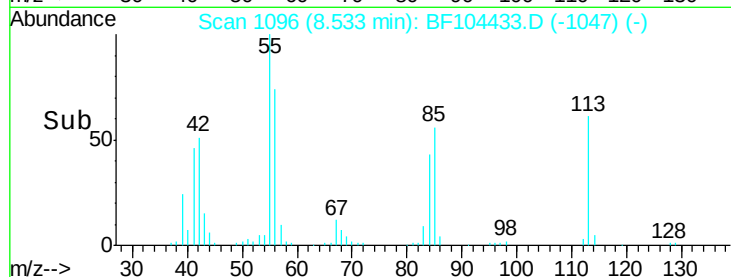
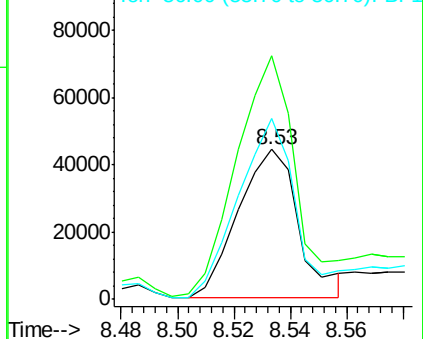
56 121.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.20 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

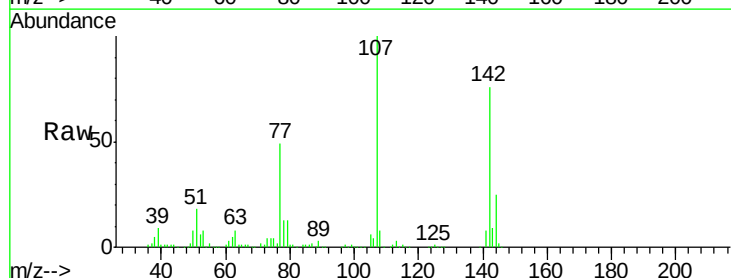
Tgt Ion:107 Resp: 301535

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

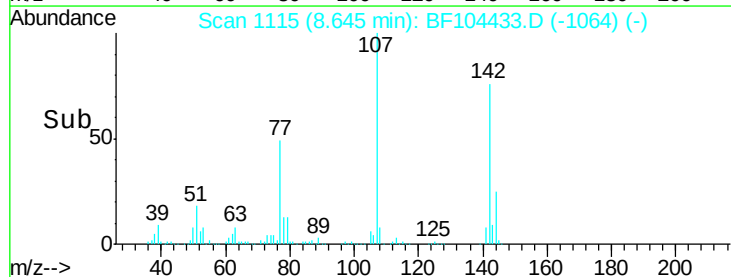
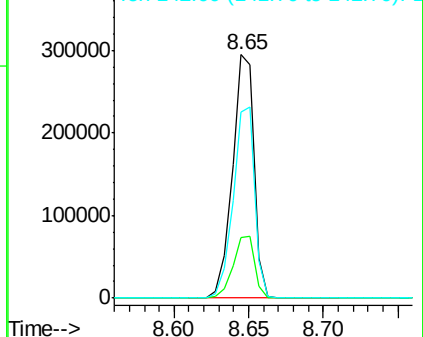
142 76.2 62.0 93.0

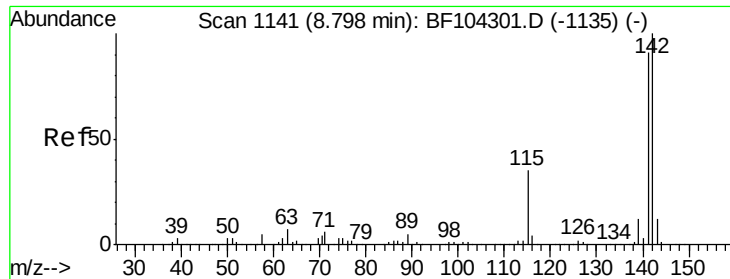


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

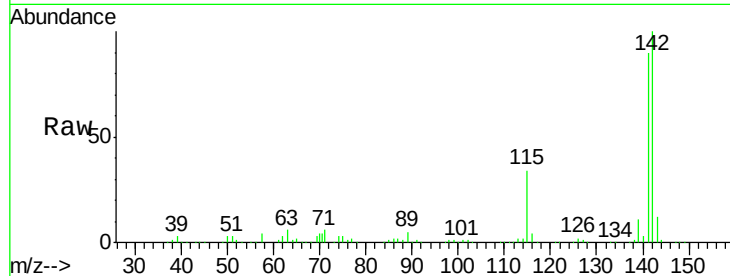




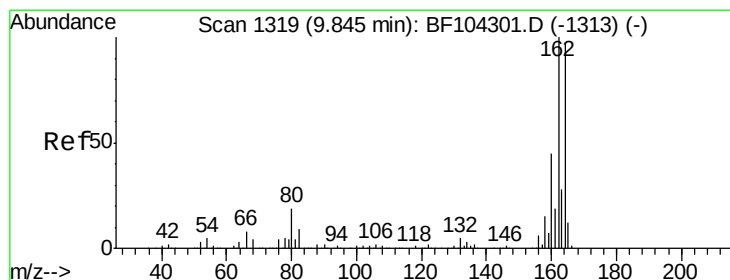
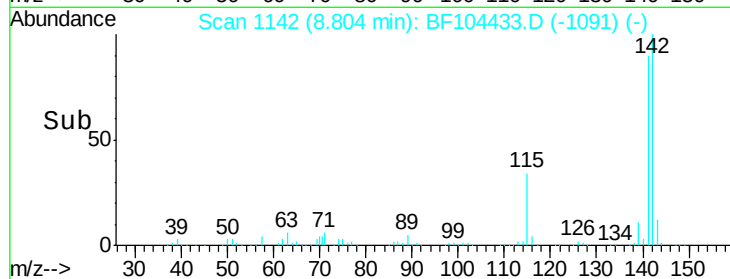
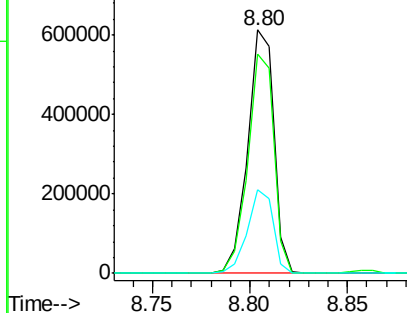
#37
2-Methylnaphthalene
Concen: 31.12 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.1	26.1	39.1

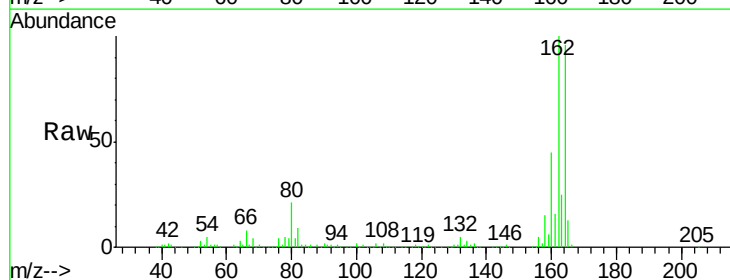


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

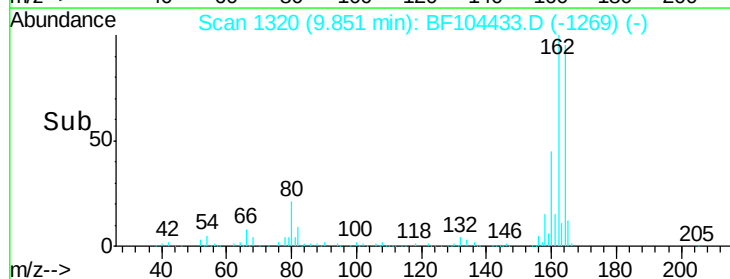
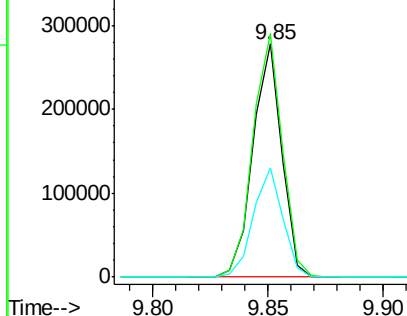


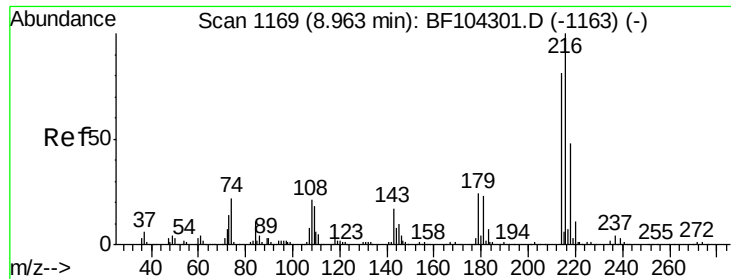
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

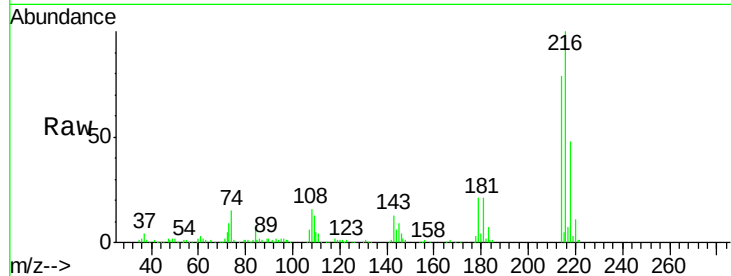




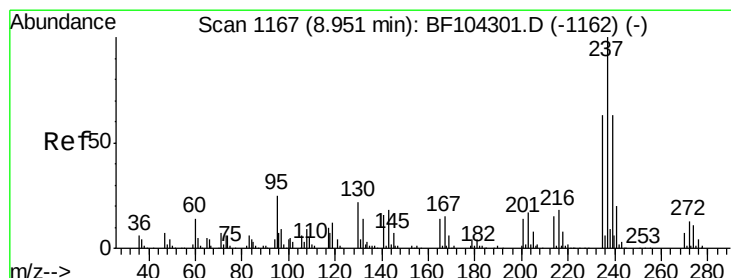
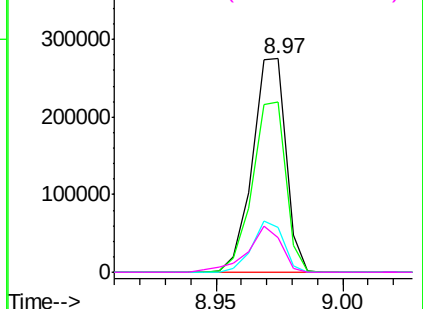
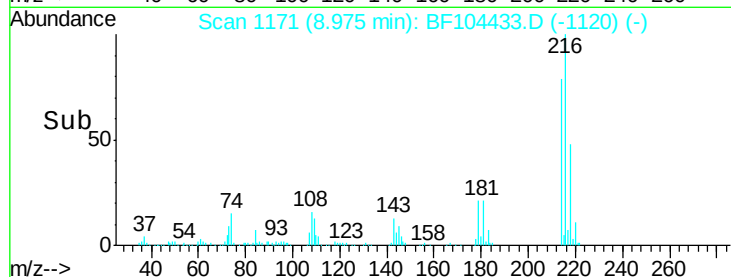
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.80 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:	216	Resp:	255249
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.5	18.1	27.1
108	21.7	17.2	25.8

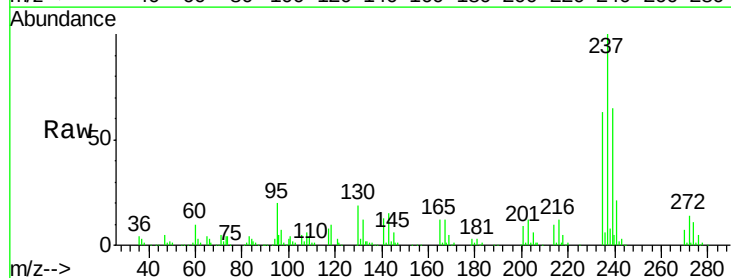


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

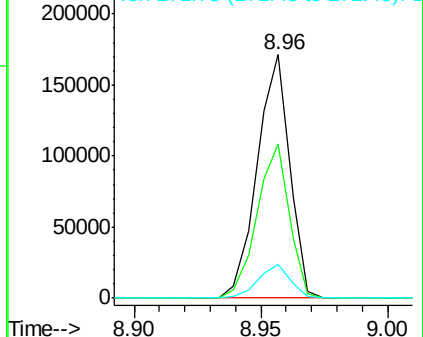
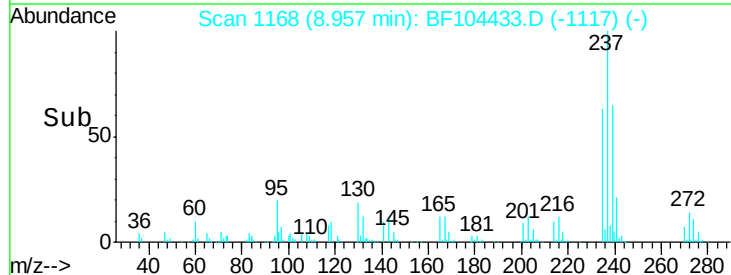


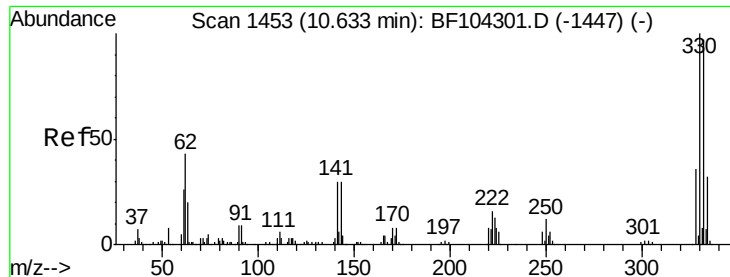
#40
 Hexachlorocyclopentadiene
 Concen: 39.47 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:	237	Resp:	153291
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	14.1	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 105.99 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

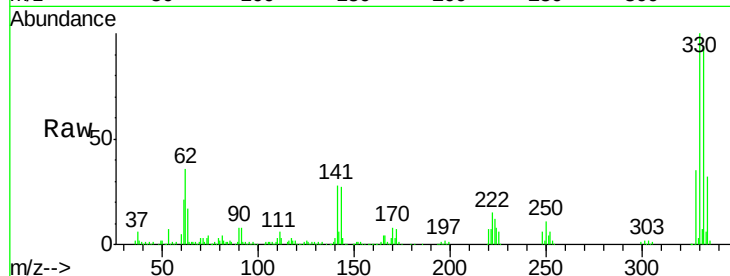
Tot Ion:330 Resp: 266430

Ion Ratio Lower Upper

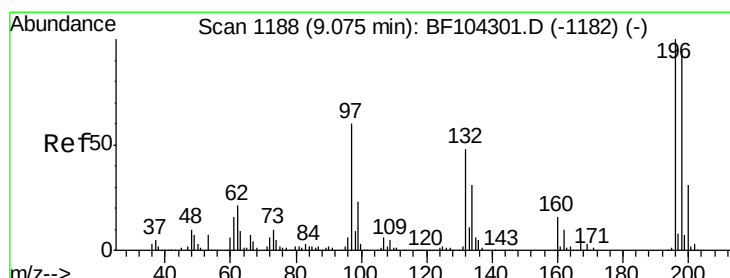
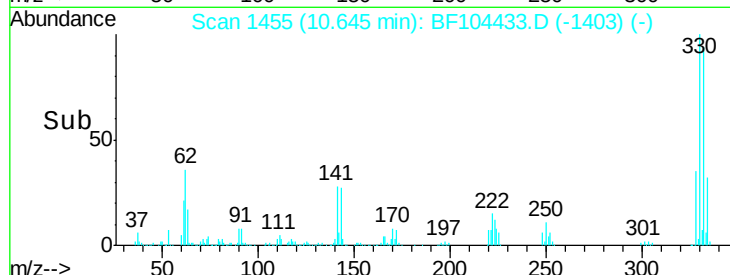
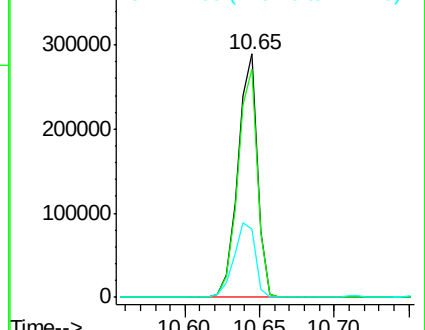
330 100

332 94.7 77.0 115.6

141 33.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 40.11 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

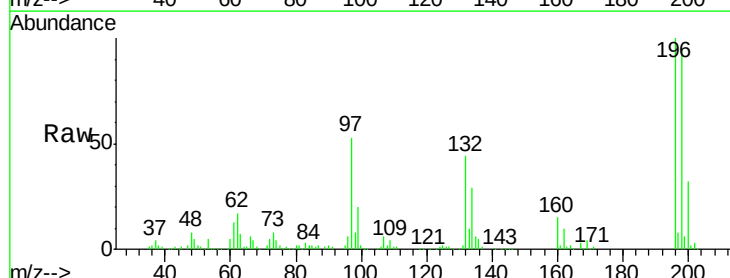
Tgt Ion:196 Resp: 193150

Ion Ratio Lower Upper

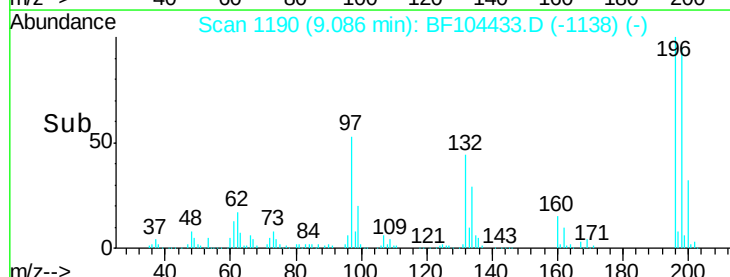
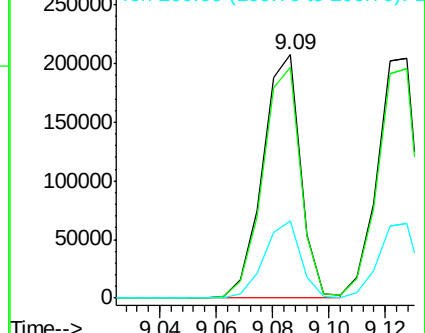
196 100

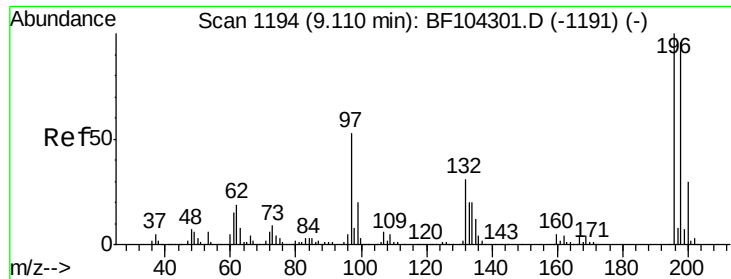
198 94.7 75.7 113.5

200 31.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

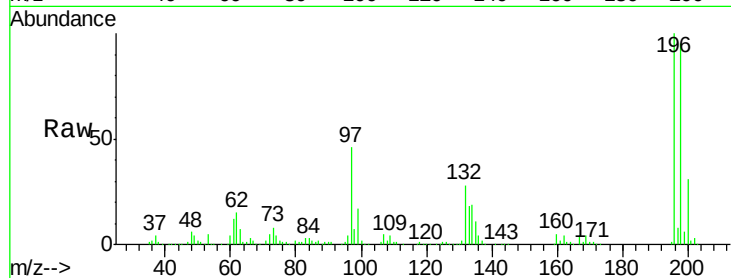




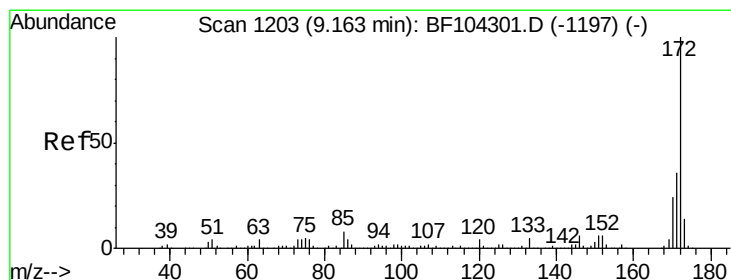
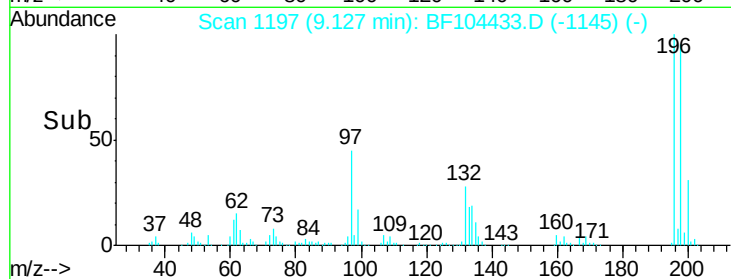
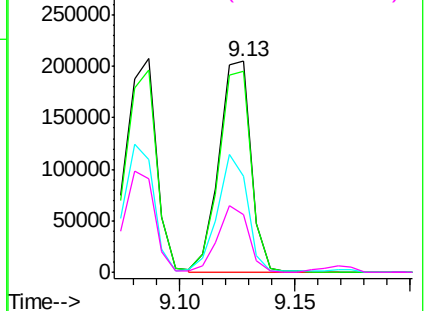
#43
 2,4,5-Trichlorophenol
 Concen: 36.66 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:	196	Resp:	197546
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	45.6	42.9	64.3
132	27.6	26.3	39.5

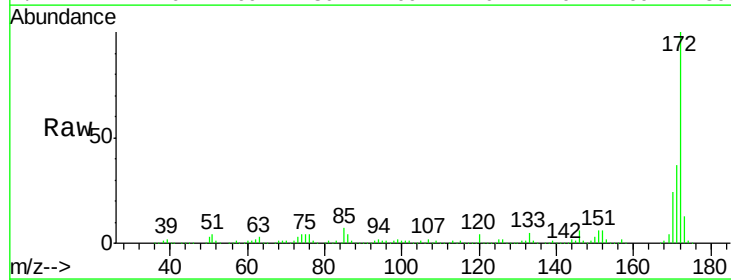


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

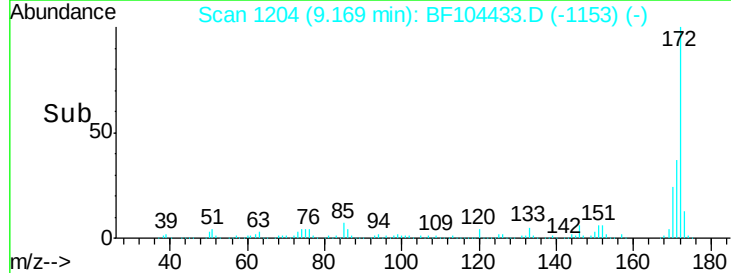
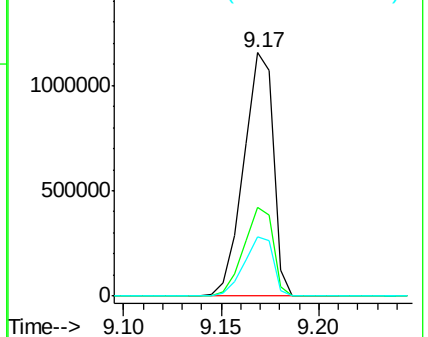


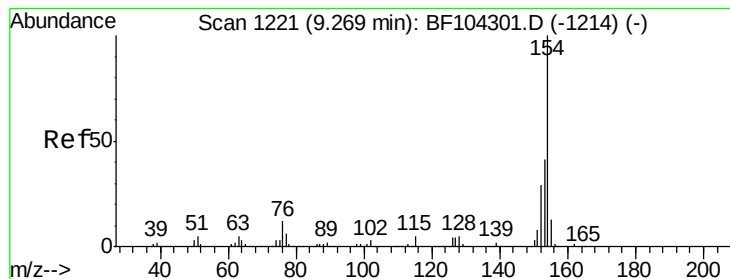
#44
 2-Fluorobiphenyl
 Concen: 79.02 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:	172	Resp:	1212176
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.85 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

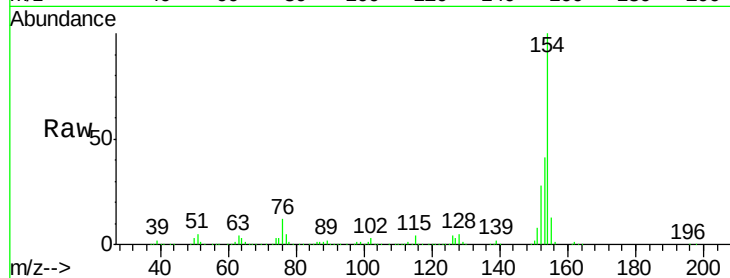
Tot Ion:154 Resp: 729711

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

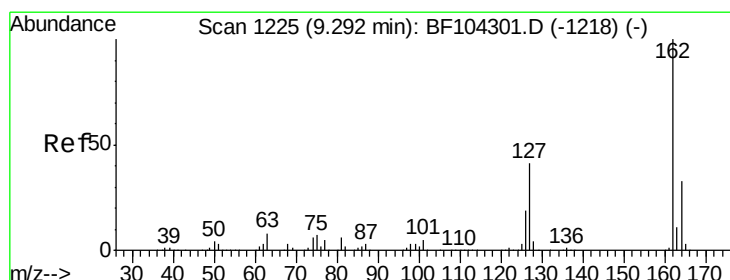
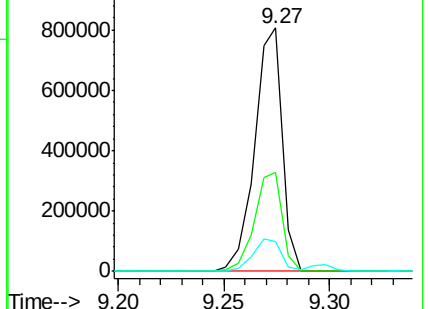
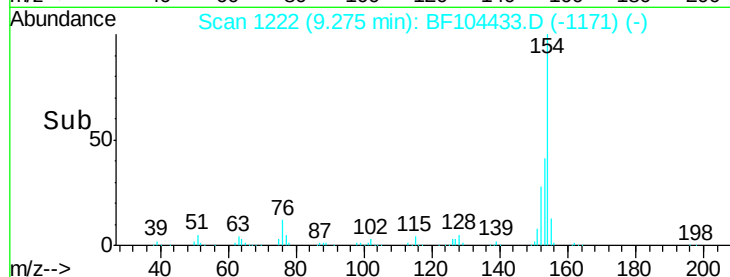
76 12.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.00 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

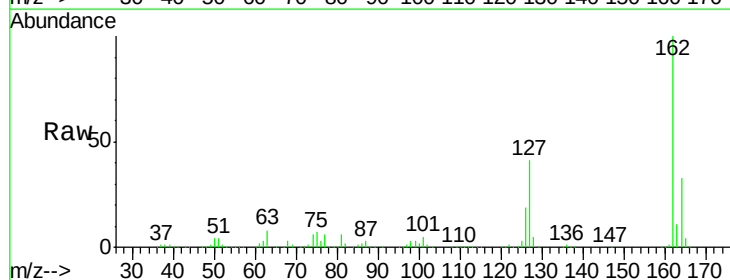
Tgt Ion:162 Resp: 578934

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

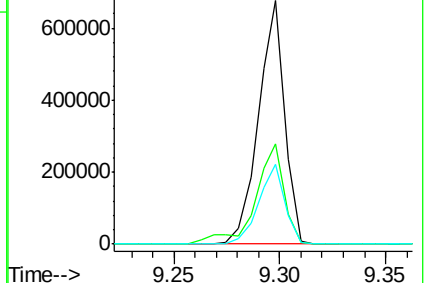
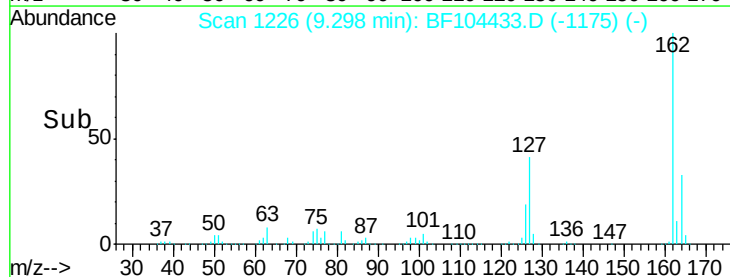
164 33.0 26.5 39.7

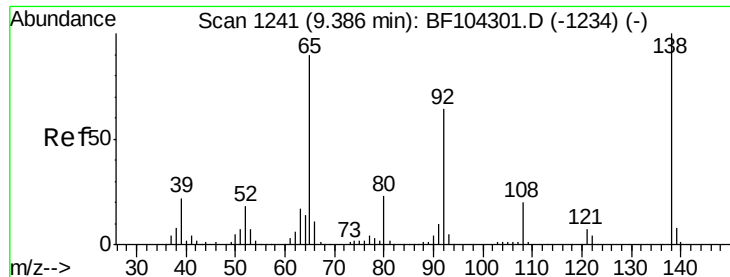


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

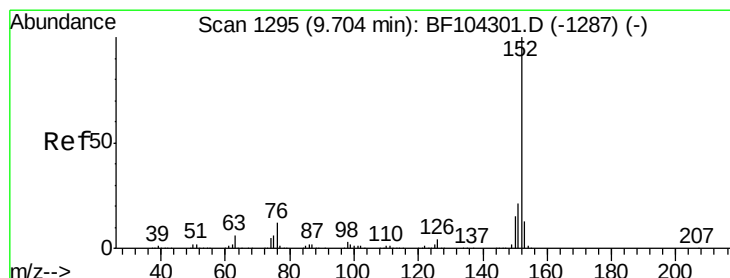
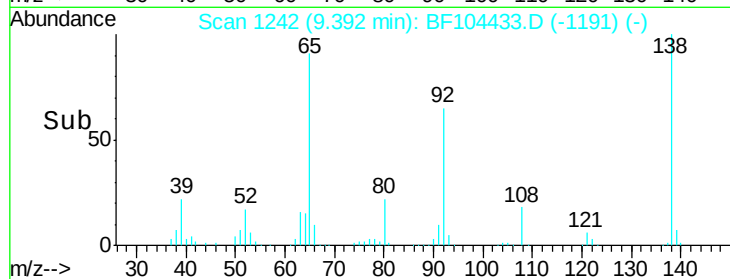
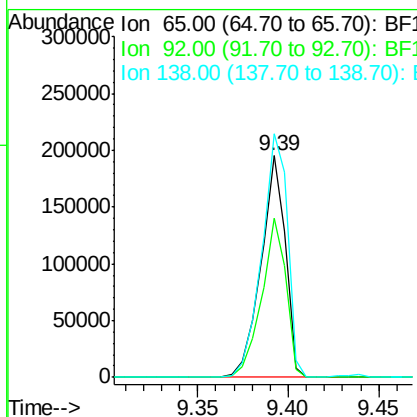
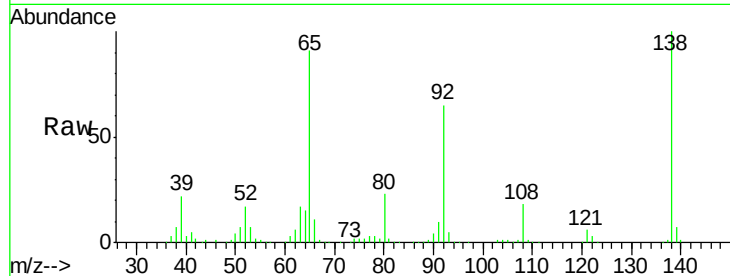




#47
 2-Nitroaniline
 Concen: 46.01 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

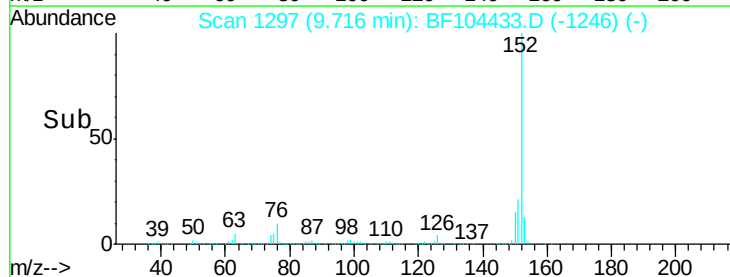
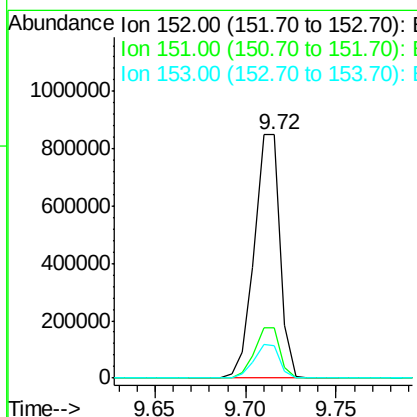
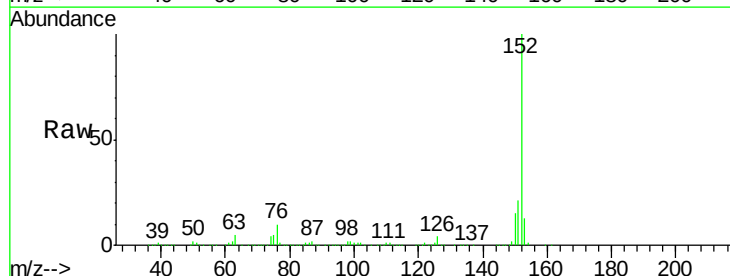
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

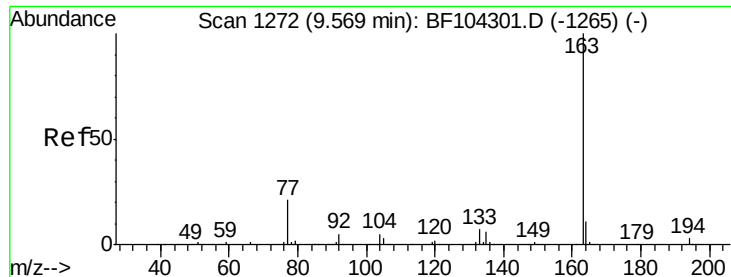
Tot Ion:	65	Resp:	182937
Ion	Ratio	Lower	Upper
65	100		
92	71.8	55.8	83.6
138	110.0	91.2	136.8



#48
 Acenaphthylene
 Concen: 33.32 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:	152	Resp:	840593
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1

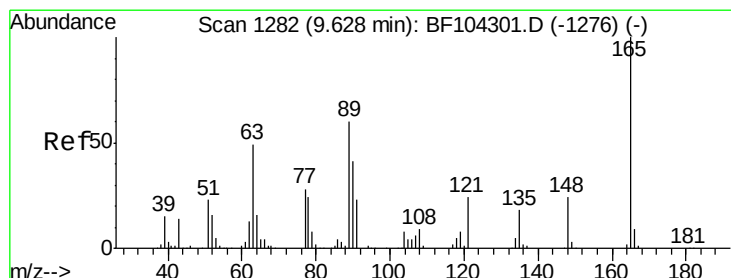
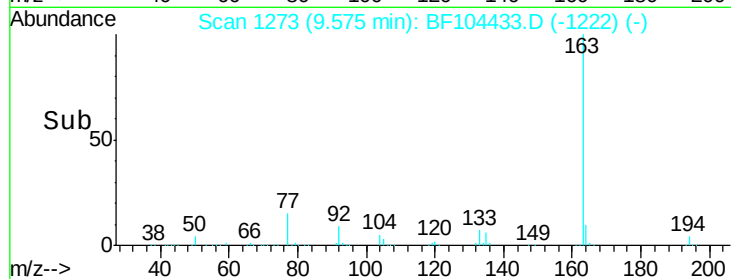
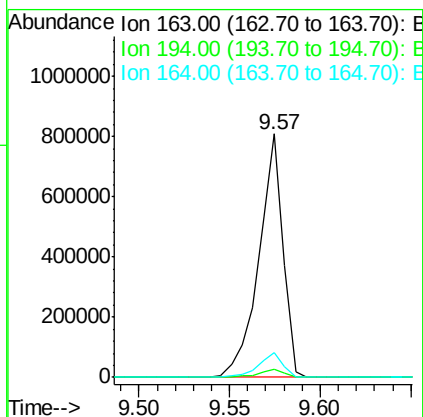
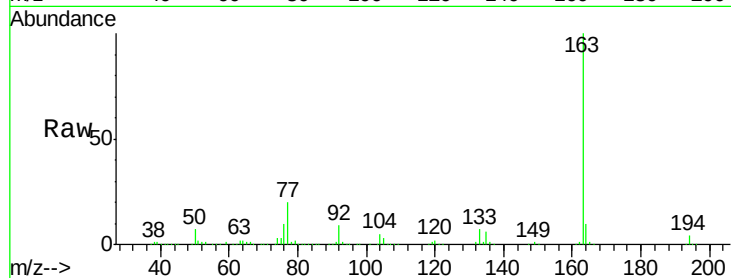




#49
Dimethylphthalate
Concen: 39.20 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

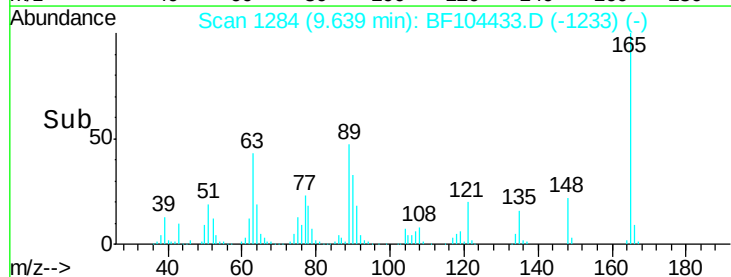
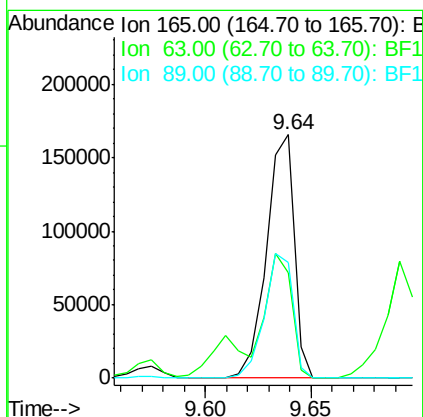
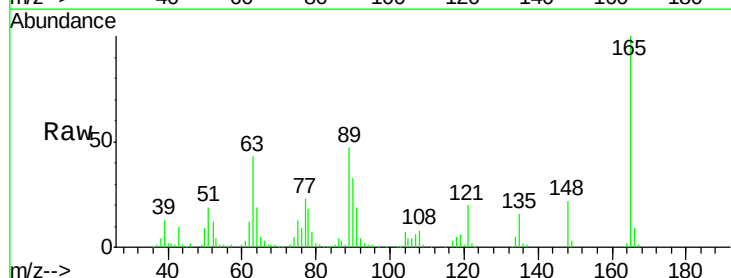
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

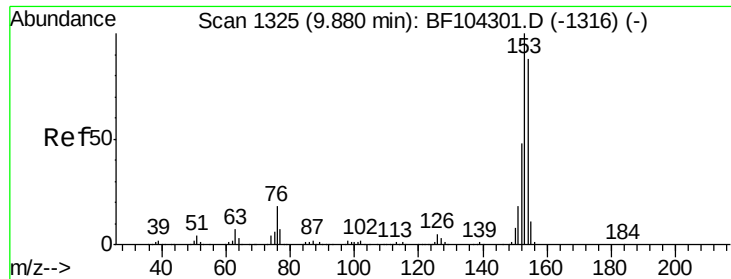
Tot Ion:163 Resp: 748999
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 42.93 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:165 Resp: 151810
Ion Ratio Lower Upper
165 100
63 43.2 44.7 67.1#
89 47.3 44.0 66.0





#51

Acenaphthene

Concen: 33.03 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

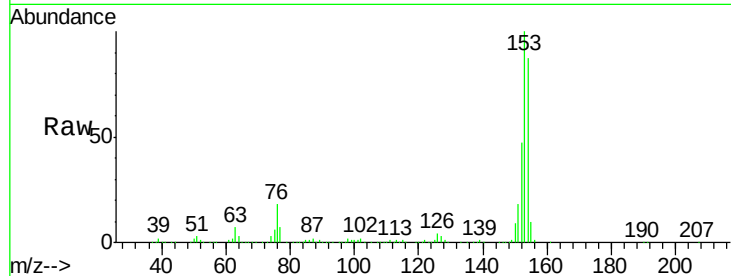
Tot Ion:154 Resp: 508354

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

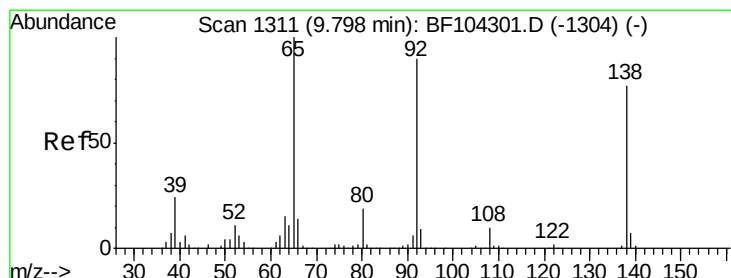
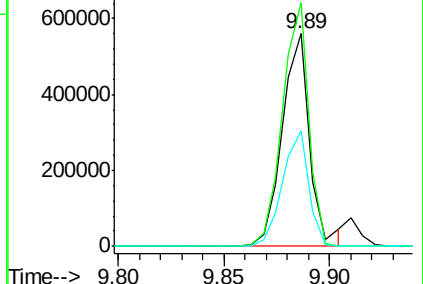
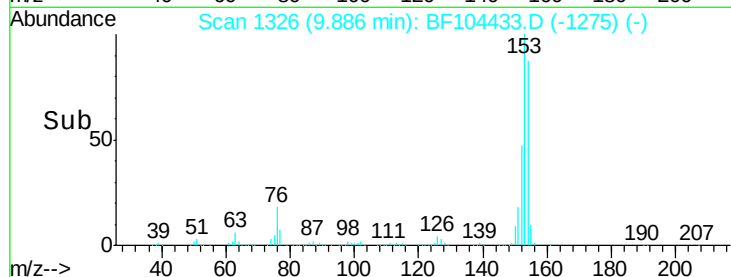
152 54.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 27.90 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

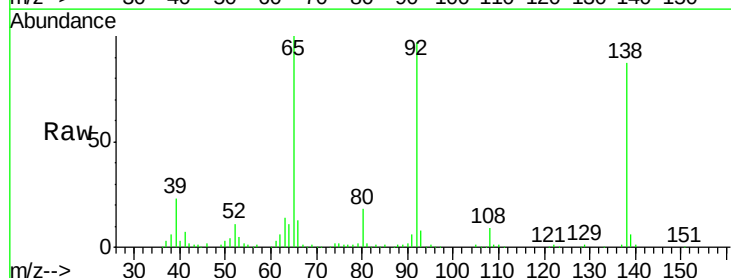
Tgt Ion:138 Resp: 115490

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

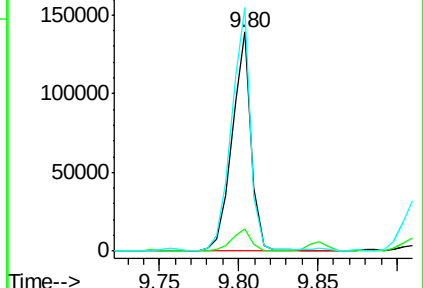
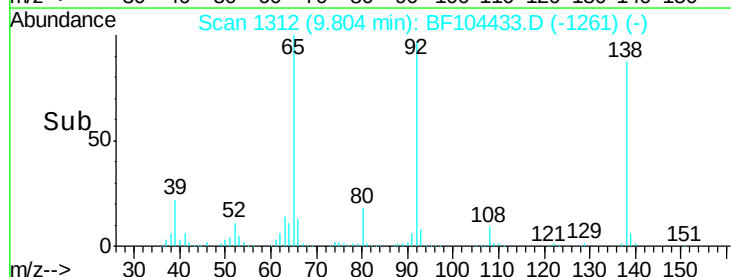
92 111.3 89.4 134.2

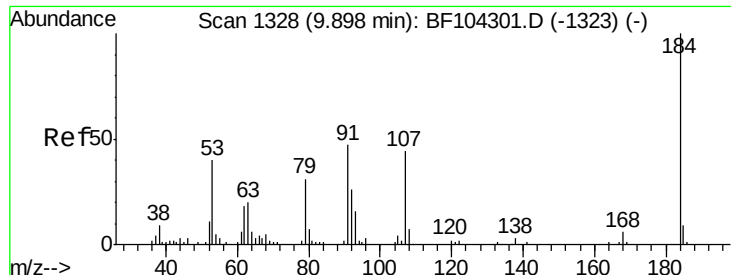


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

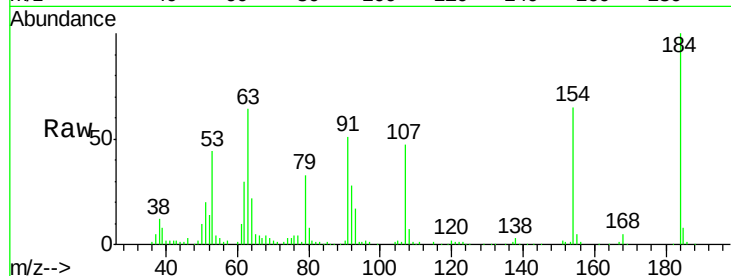




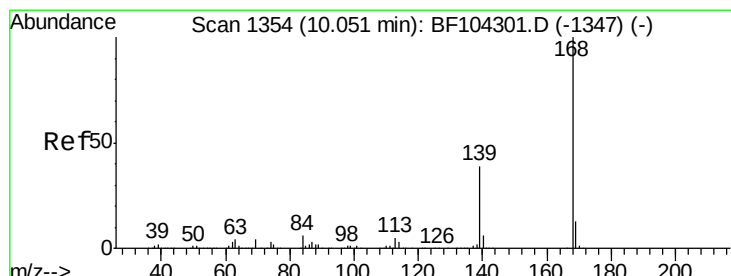
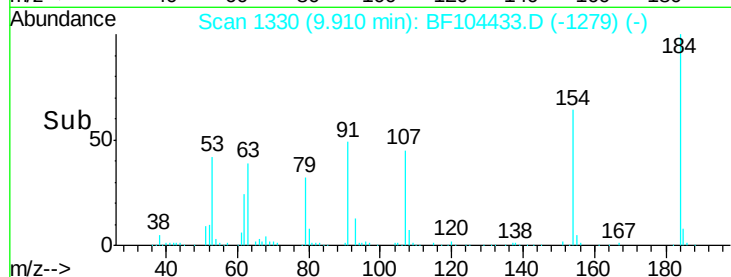
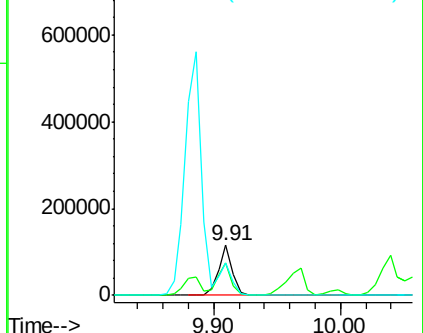
#53
2,4-Dinitrophenol
Concen: 66.92 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Tot Ion:184 Resp: 90045
Ion Ratio Lower Upper
184 100
63 64.5 54.2 81.2
154 64.5 184.0 276.0#

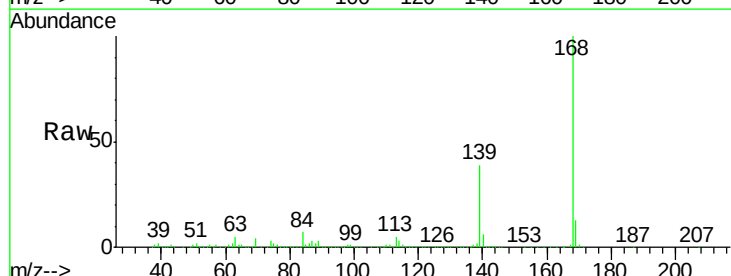


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

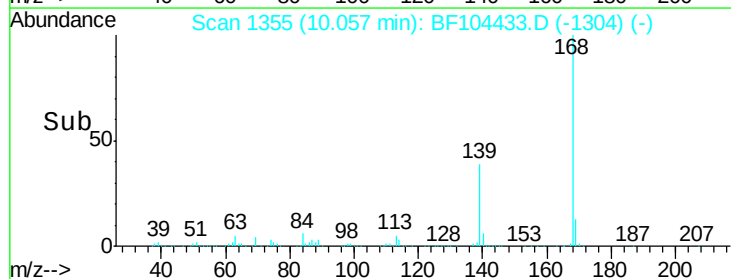
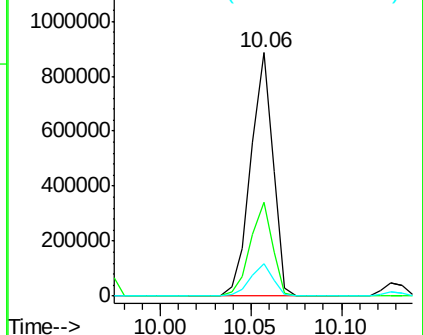


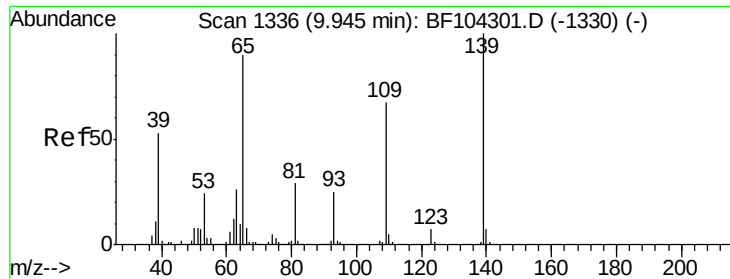
#54
Dibenzofuran
Concen: 35.27 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:168 Resp: 756668
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

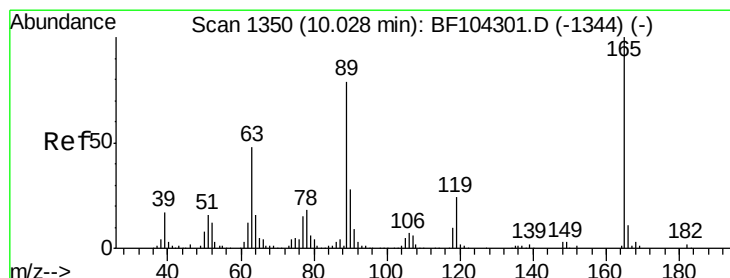
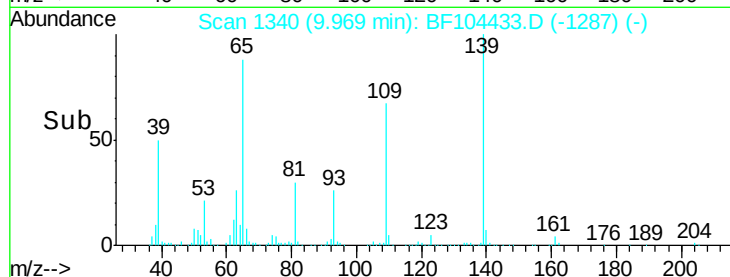
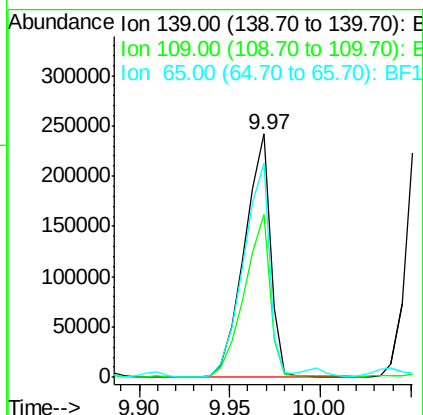
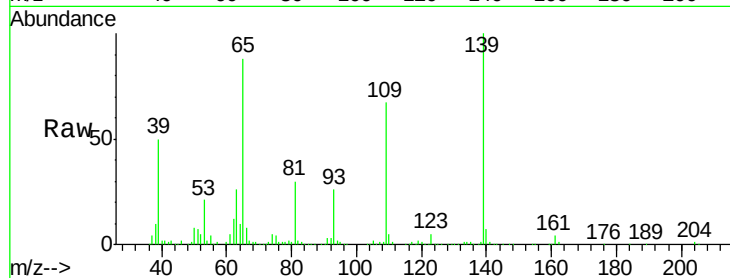




#55
4-Nitrophenol
Concen: 74.42 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

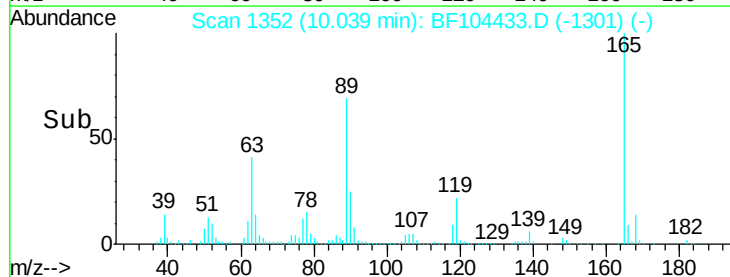
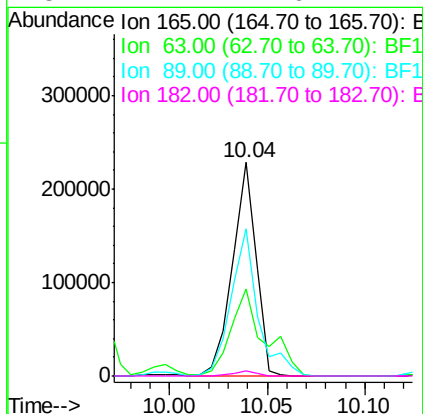
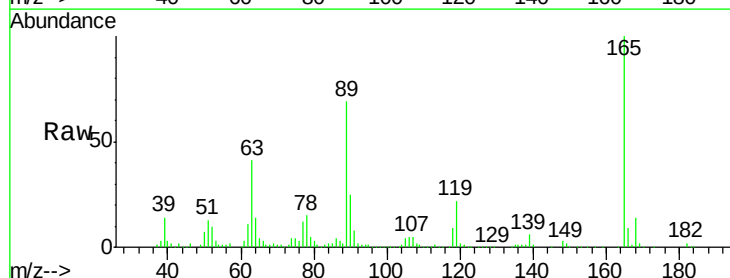
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

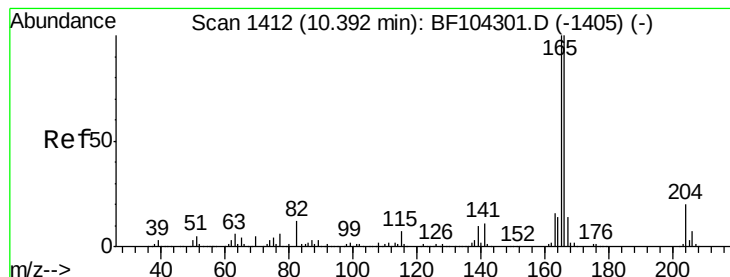
Tot Ion:139 Resp: 241992
Ion Ratio Lower Upper
139 100
109 67.2 48.4 88.4
65 87.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.48 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:165 Resp: 192383
Ion Ratio Lower Upper
165 100
63 40.8 36.4 54.6
89 69.0 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 34.12 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

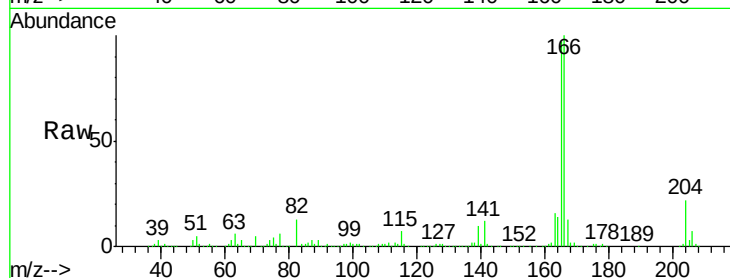
Tot Ion:166 Resp: 532680

Ion Ratio Lower Upper

166 100

165 97.3 79.8 119.8

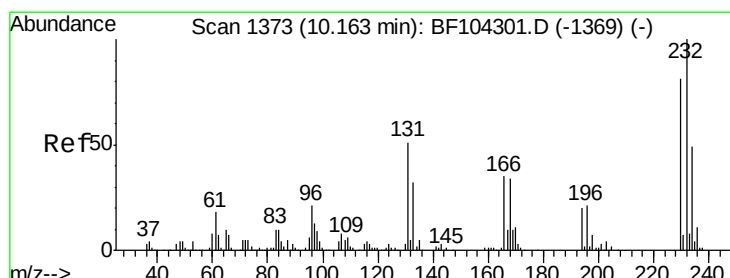
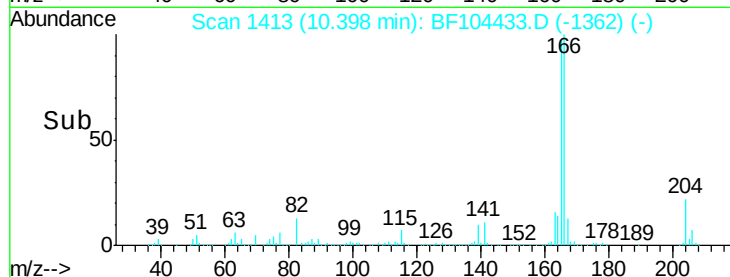
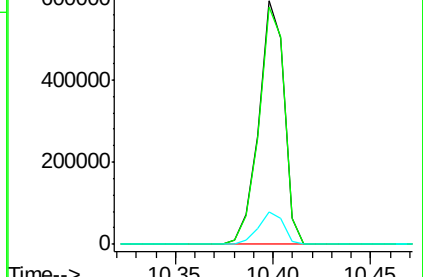
167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.45 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Tgt Ion:232 Resp: 146538

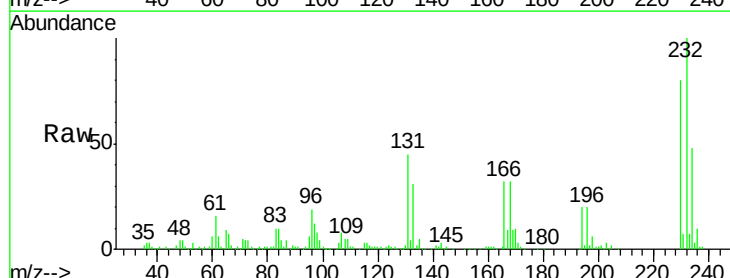
Ion Ratio Lower Upper

232 100

131 49.2 43.8 65.8

130 2.6 2.1 3.1

166 33.8 27.8 41.6

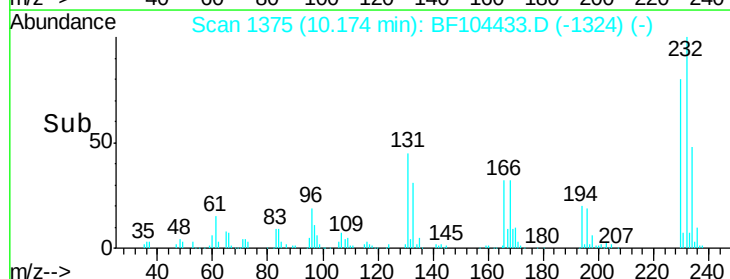
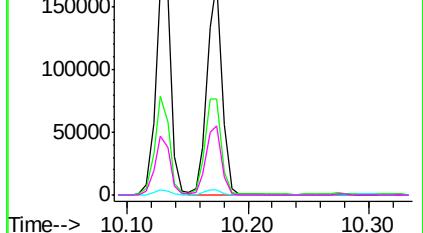


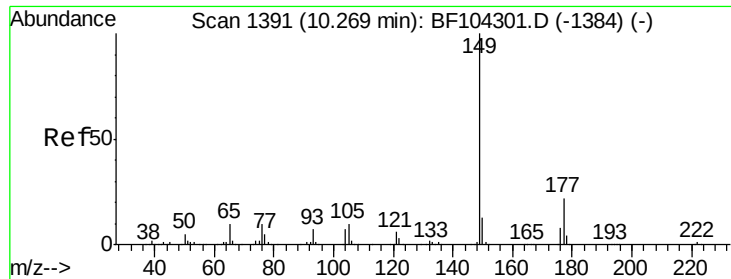
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.93 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

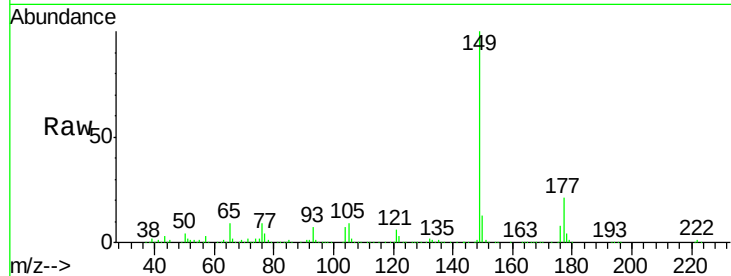
Tot Ion:149 Resp: 645787

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

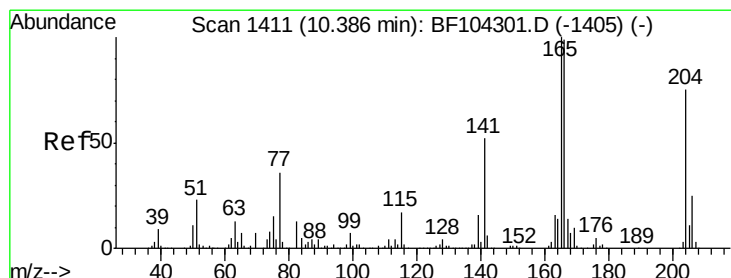
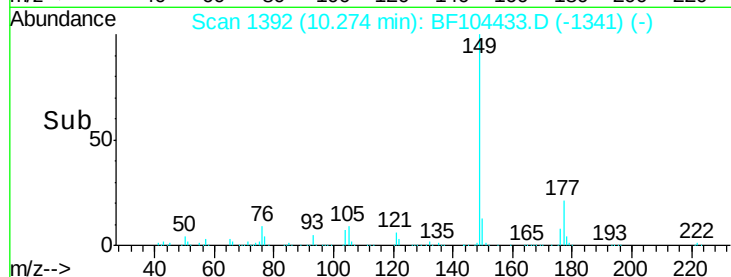
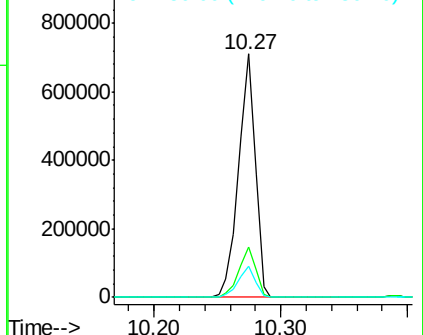
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.66 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

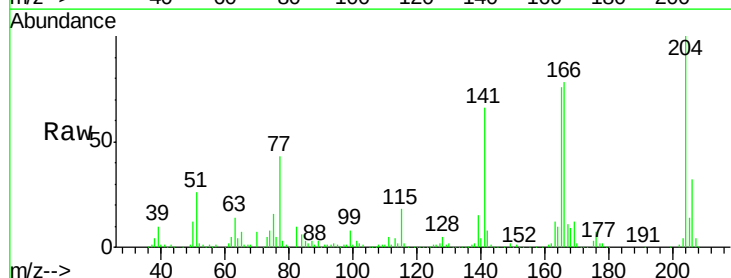
Tgt Ion:204 Resp: 268843

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

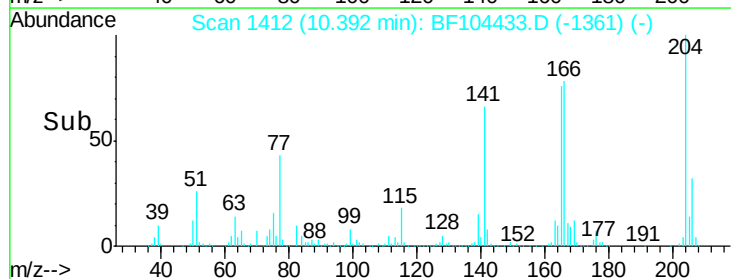
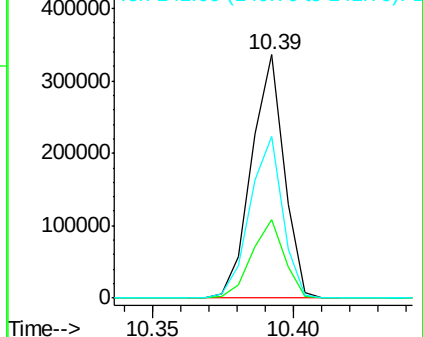
141 66.2 54.6 81.8

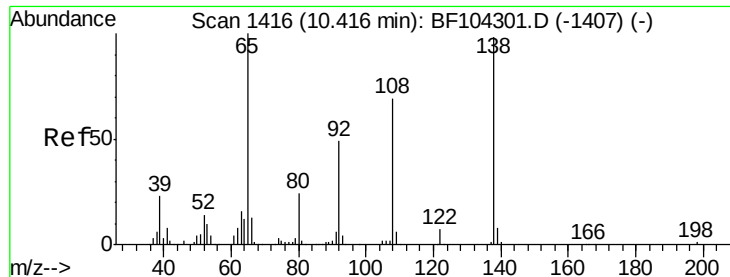


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

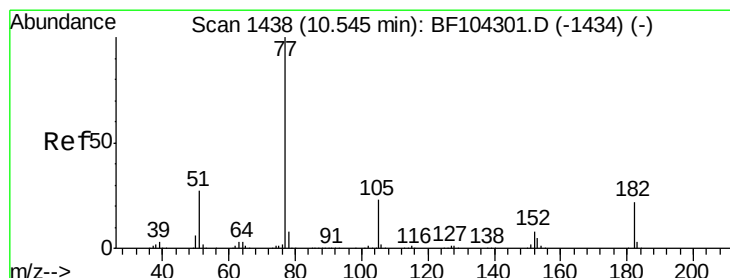
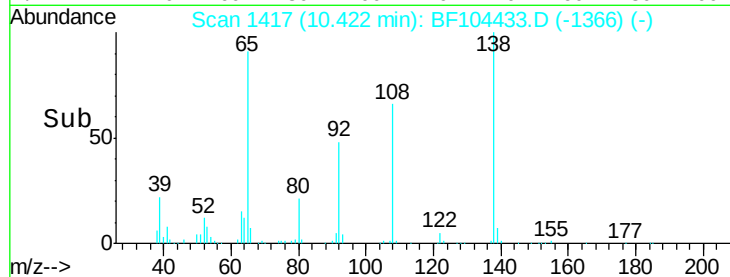
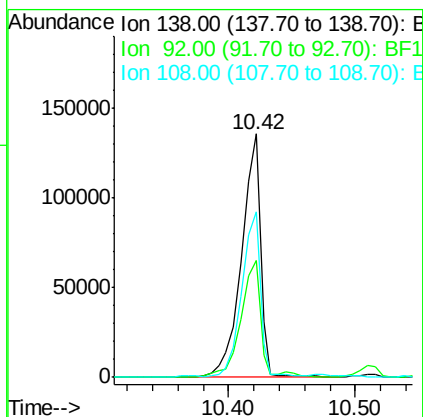
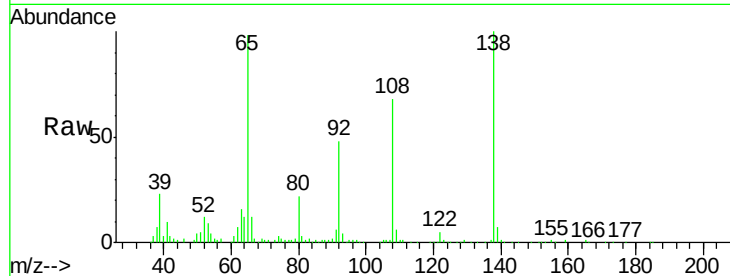




#61
4-Nitroaniline
Concen: 34.89 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

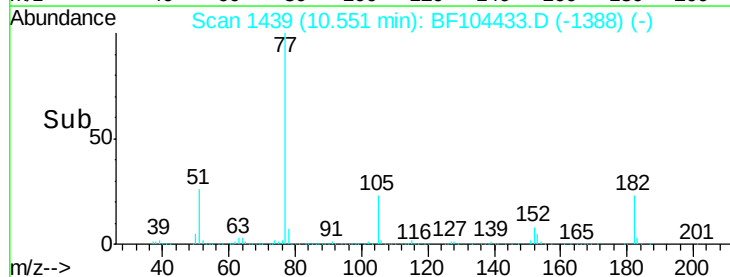
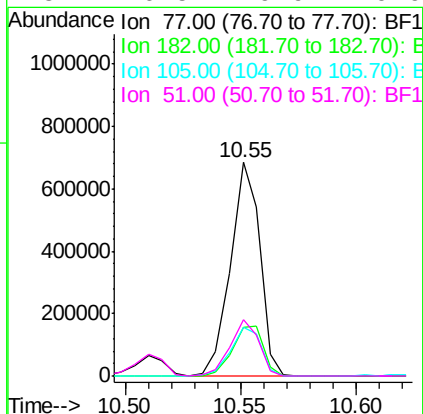
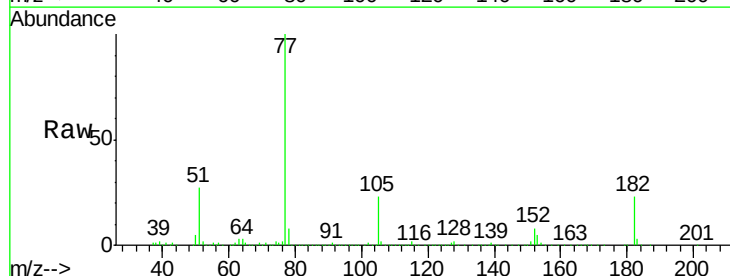
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

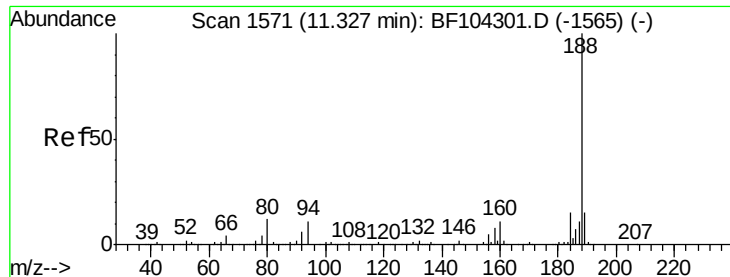
Tot Ion:138 Resp: 141204
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 68.0 52.5 92.5



#62
Azobenzene
Concen: 33.24 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion: 77 Resp: 604317
Ion Ratio Lower Upper
77 100
182 22.7 1.7 41.7
105 22.9 3.0 43.0
51 26.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

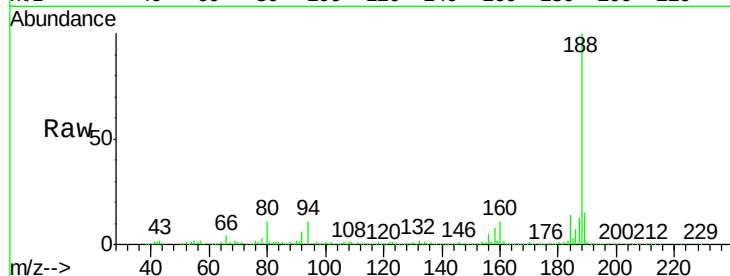
Tot Ion:188 Resp: 396814

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 11.2 9.2 13.8



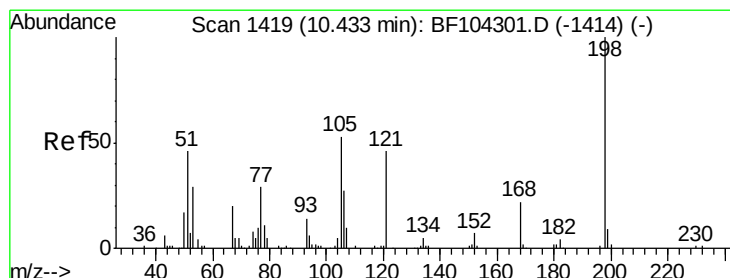
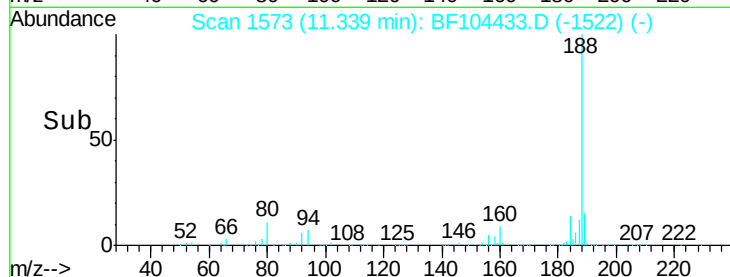
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.34

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.93 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

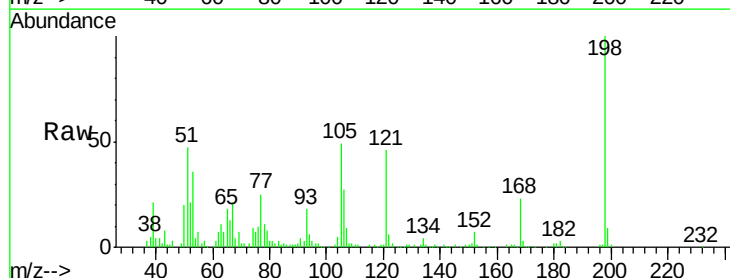
Tgt Ion:198 Resp: 88045

Ion Ratio Lower Upper

198 100

51 47.2 37.7 77.7

105 49.1 36.3 76.3



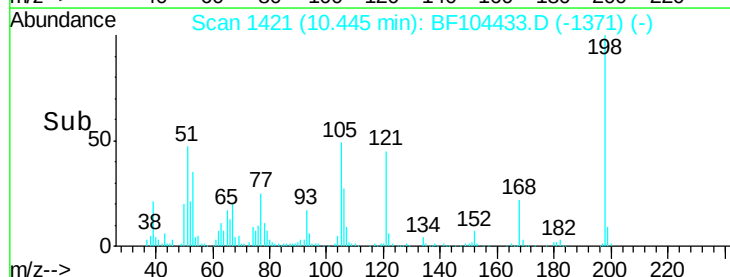
Abundance Ion 198.00 (197.70 to 198.70): E

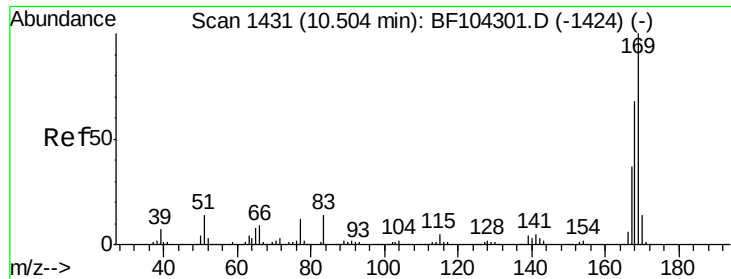
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.45

Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.13 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

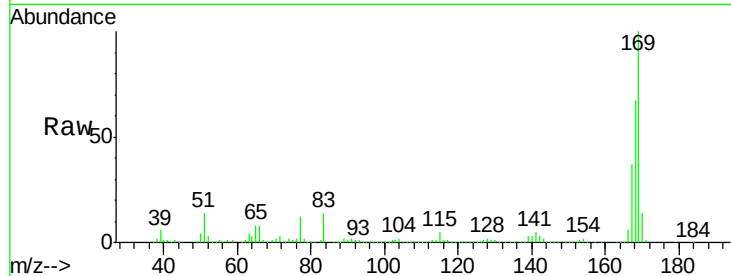
Tot Ion:169 Resp: 524610

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

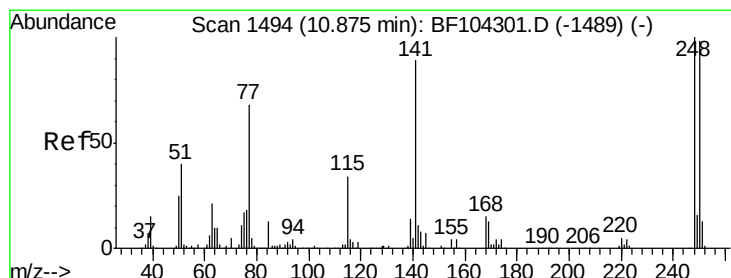
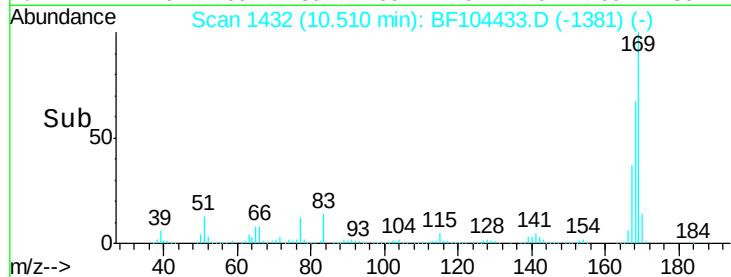
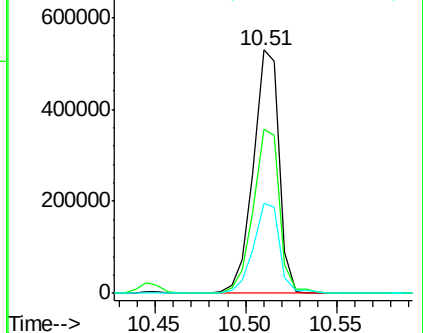
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.23 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

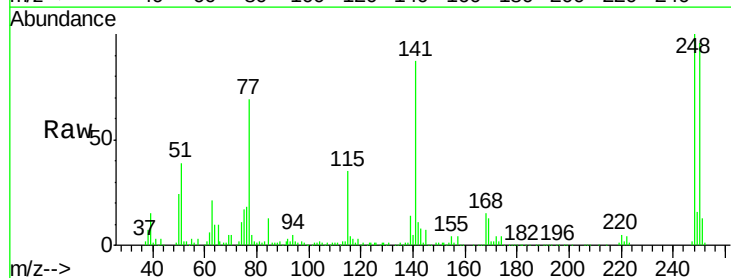
Tgt Ion:248 Resp: 165588

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

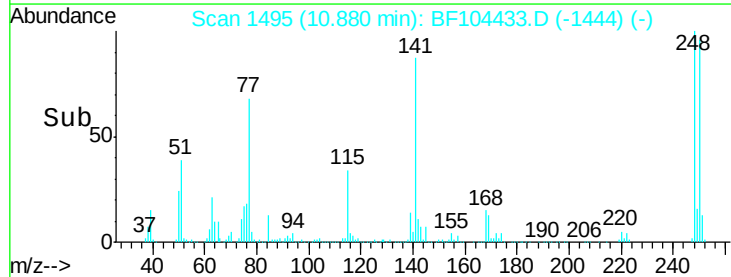
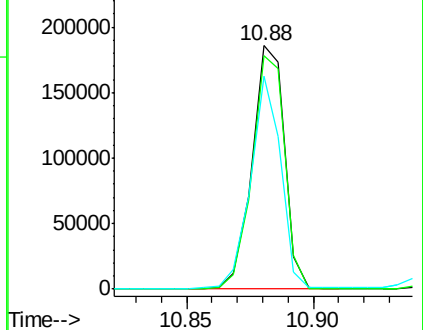
141 87.2 74.4 111.6

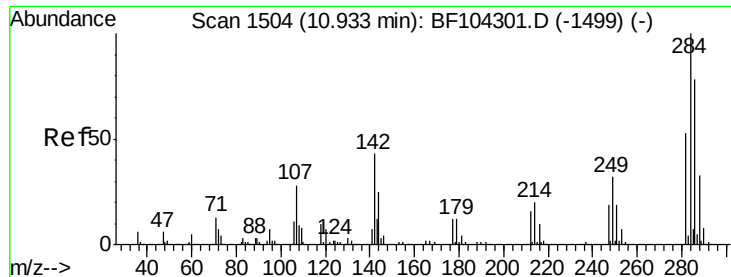


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.93 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

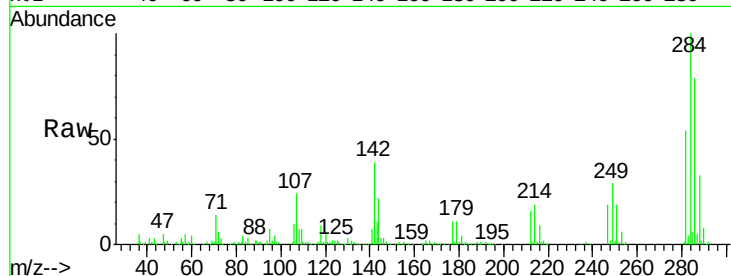
Tot Ion:284 Resp: 175412

Ion Ratio Lower Upper

284 100

142 38.8 34.6 52.0

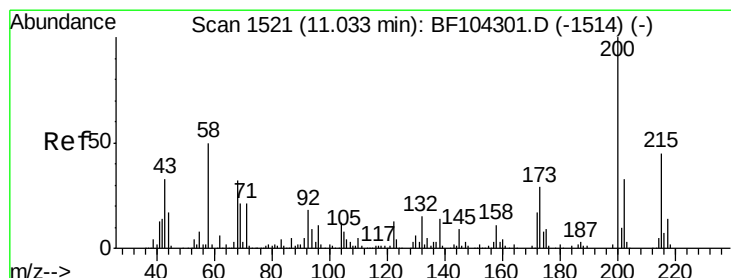
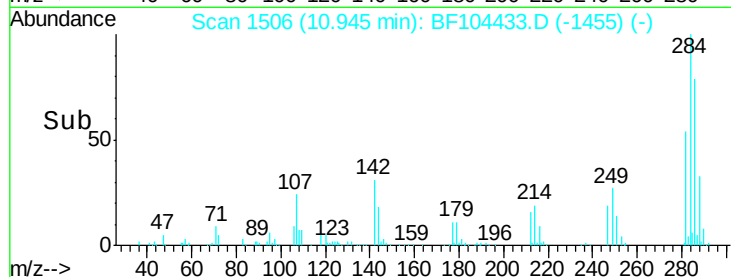
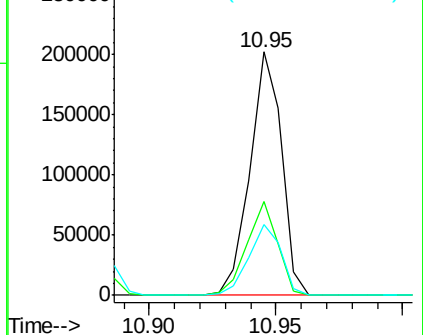
249 29.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.25 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

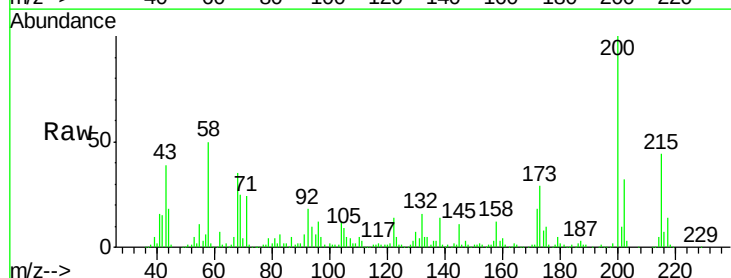
Tgt Ion:200 Resp: 162997

Ion Ratio Lower Upper

200 100

173 29.2 8.6 48.6

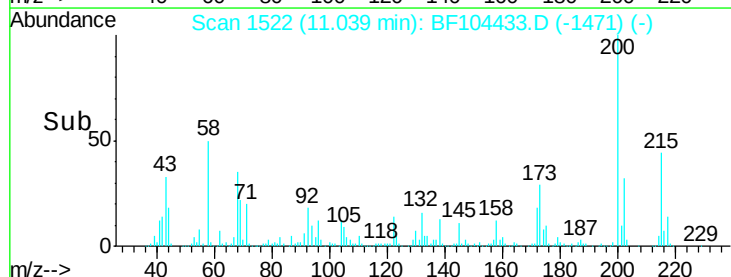
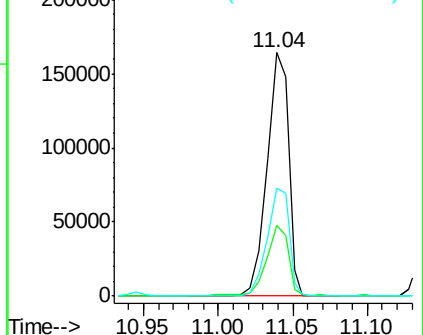
215 44.1 25.1 65.1

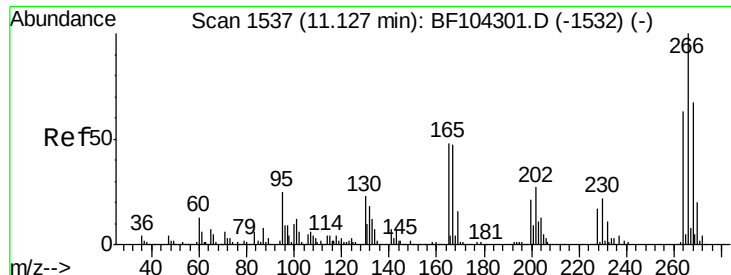


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

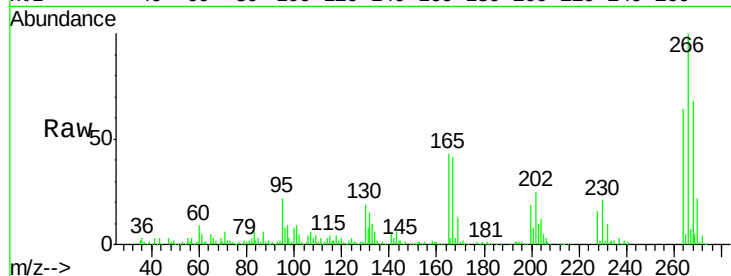




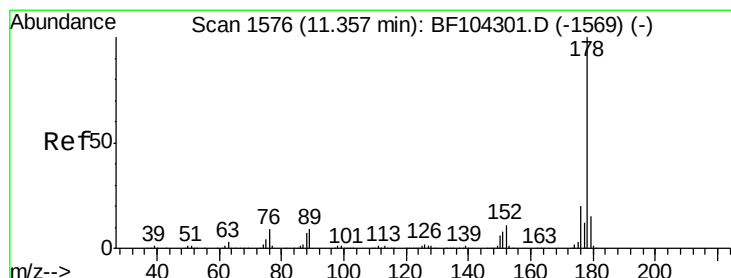
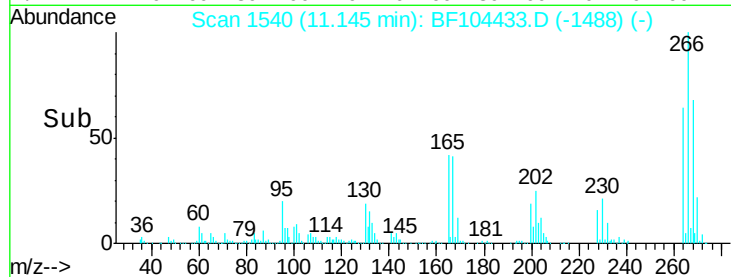
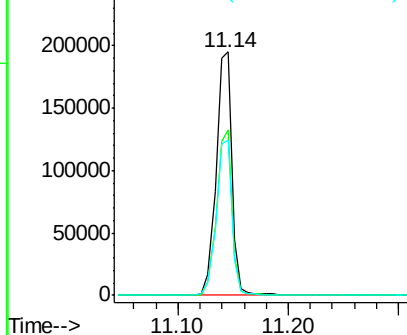
#69
 Pentachlorophenol
 Concen: 65.88 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion:266 Resp: 193570
 Ion Ratio Lower Upper
 266 100
 268 68.1 51.1 76.7
 264 63.6 49.5 74.3

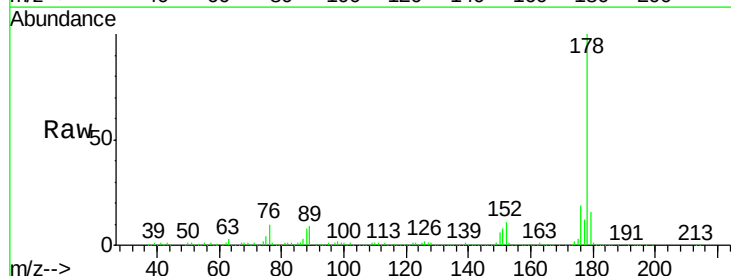


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

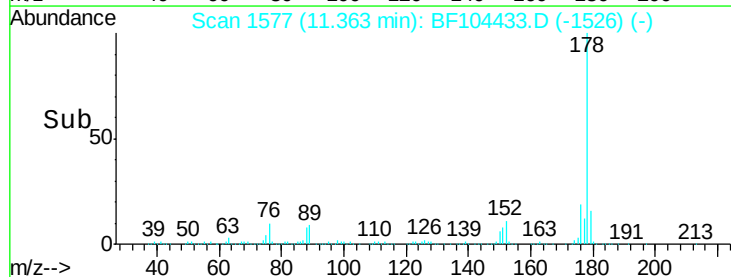
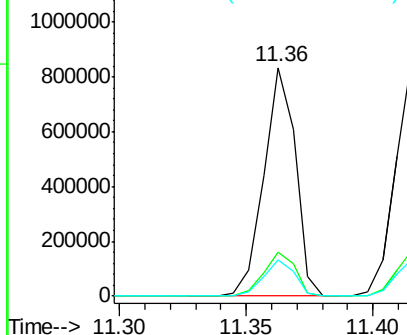


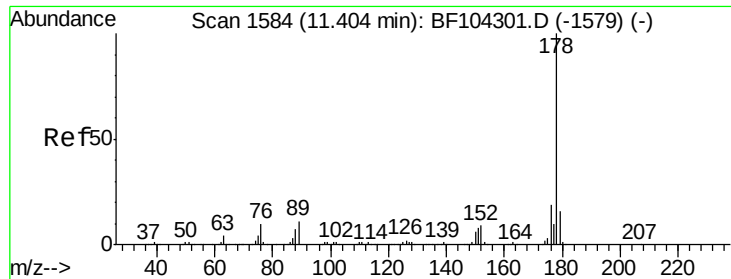
#70
 Phenanthrene
 Concen: 32.89 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:178 Resp: 726703
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 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

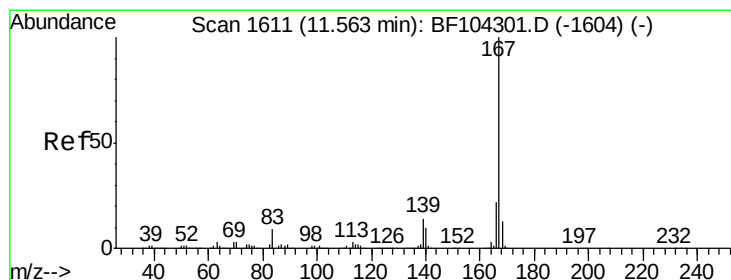
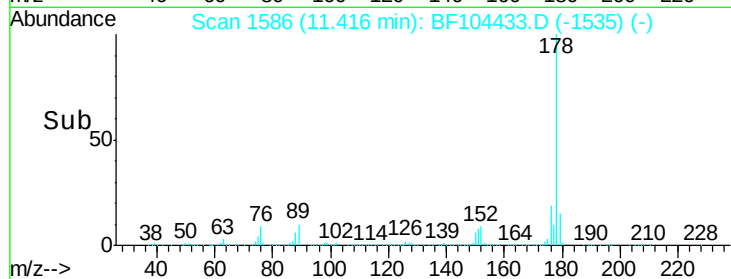
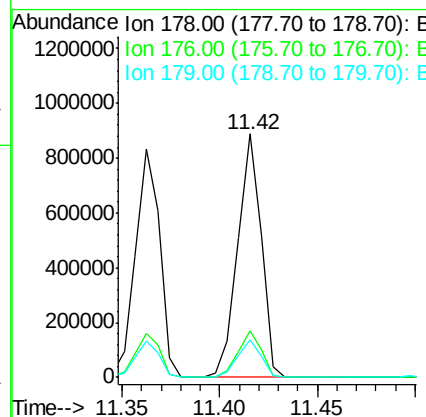
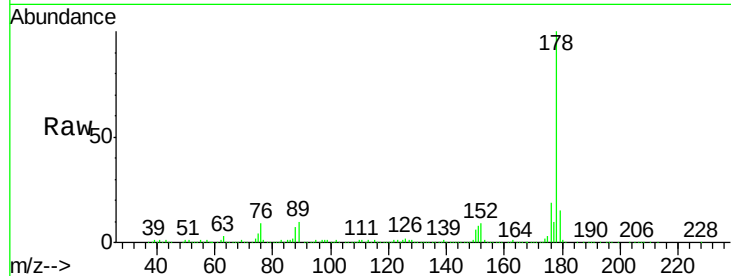




#71
 Anthracene
 Concen: 33.03 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

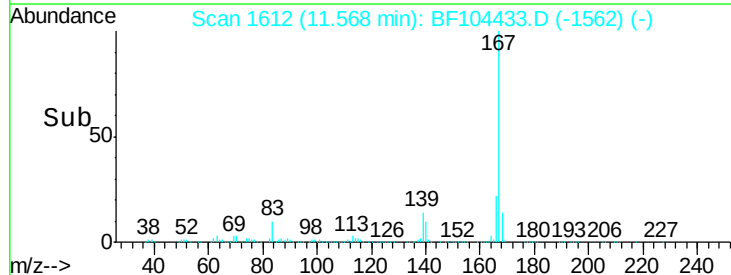
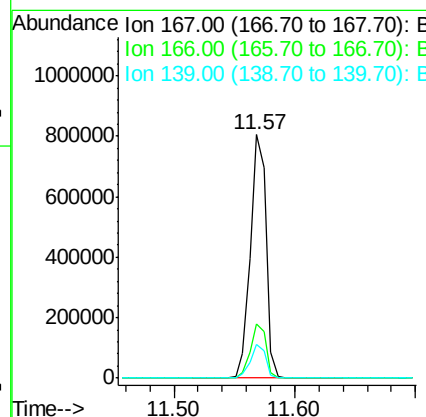
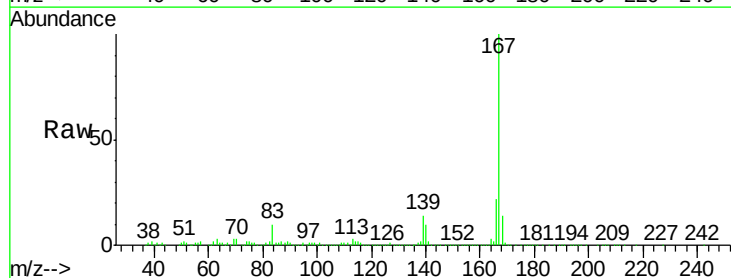
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

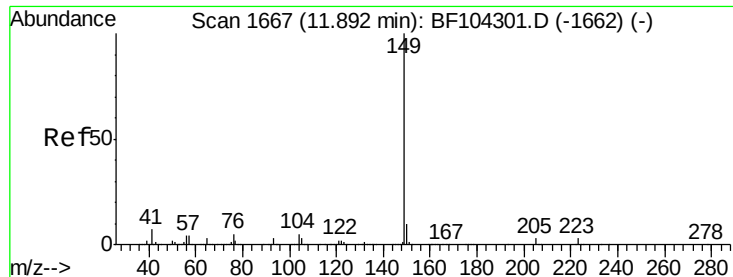
Tot Ion:178 Resp: 741857
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 33.62 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:167 Resp: 737889
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.67 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

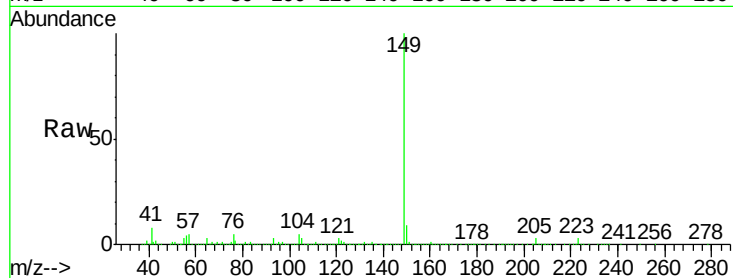
Tot Ion:149 Resp: 902943

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

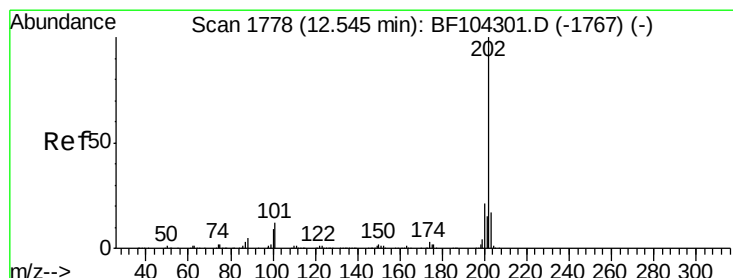
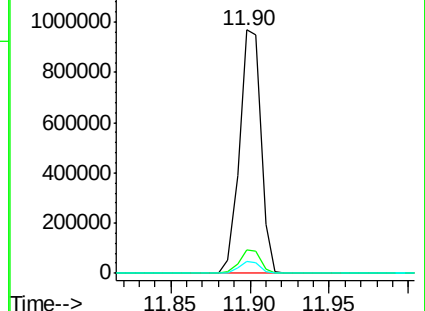
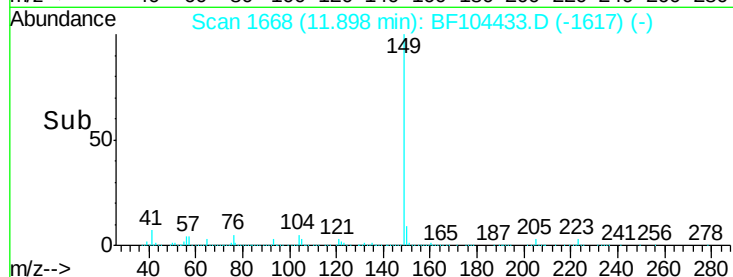
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.28 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

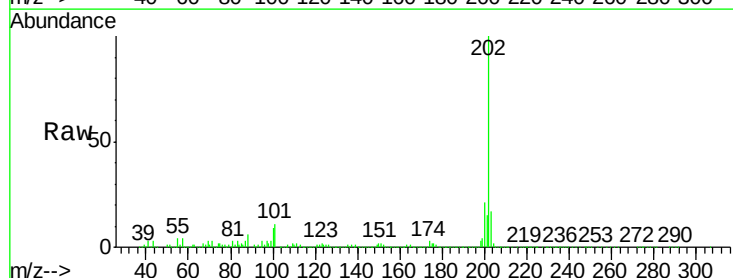
Tgt Ion:202 Resp: 699053

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

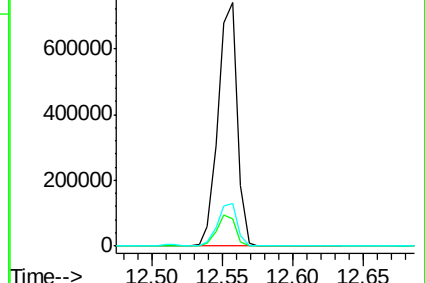
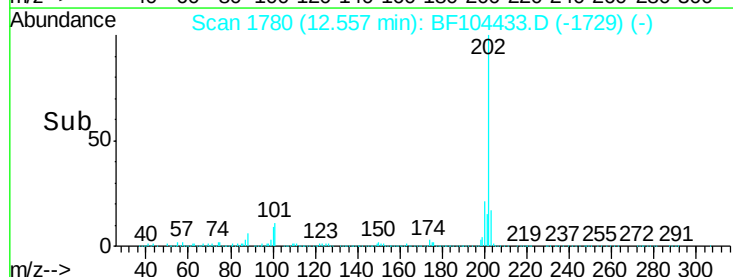
203 17.3 0.0 38.1

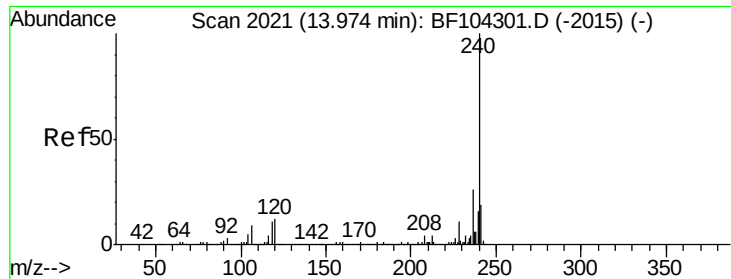


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

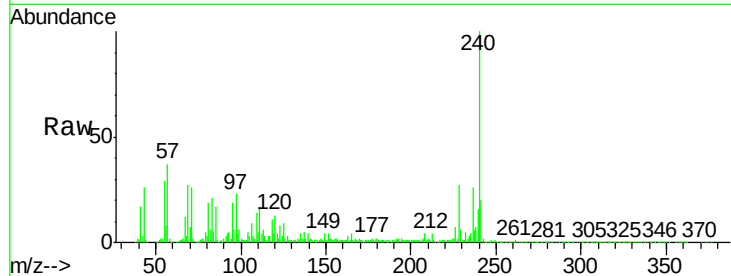
Tot Ion:240 Resp: 265065

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

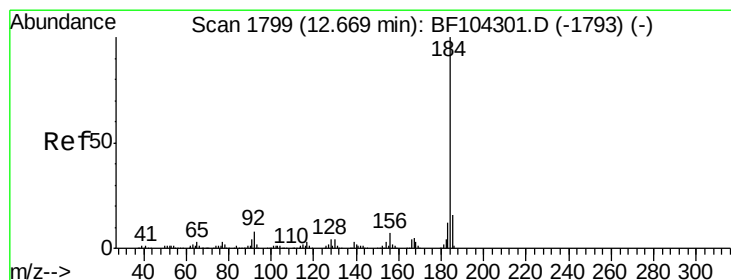
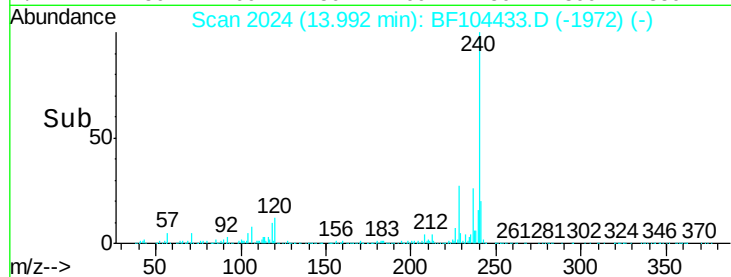
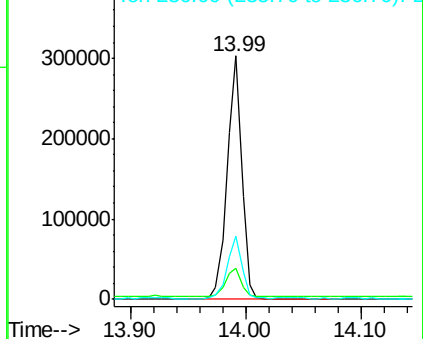
236 26.1 20.7 31.1



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



#76

Benzidine

Concen: 8.94 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

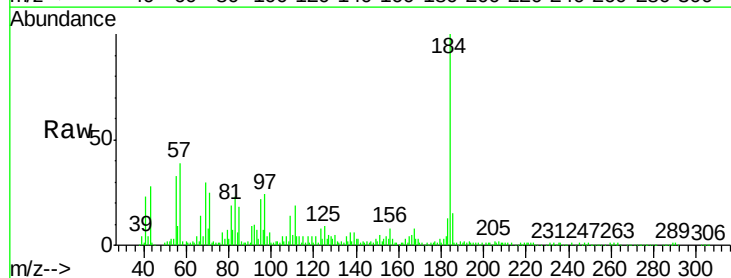
Tgt Ion:184 Resp: 119558

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

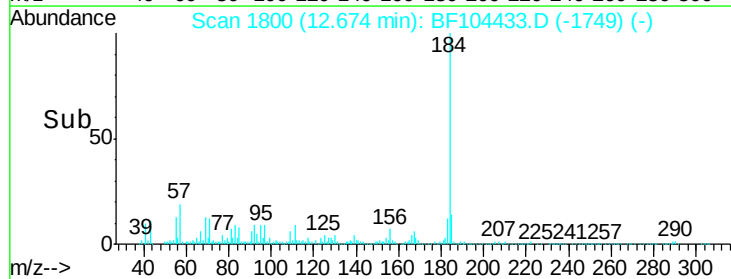
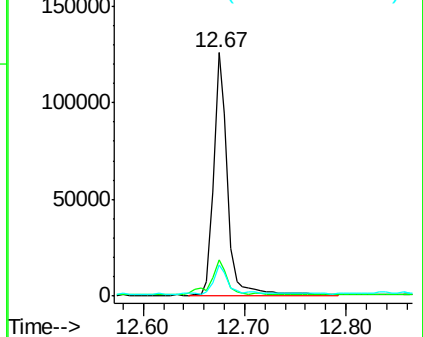
183 13.0 9.3 13.9

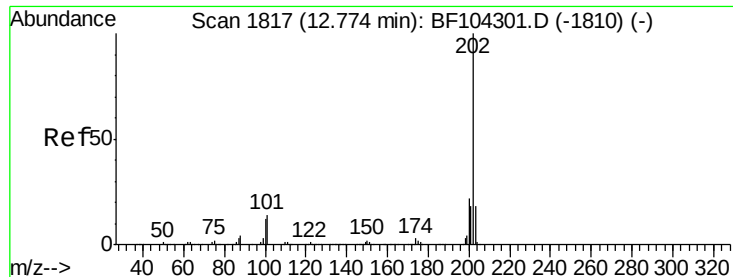


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.89 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

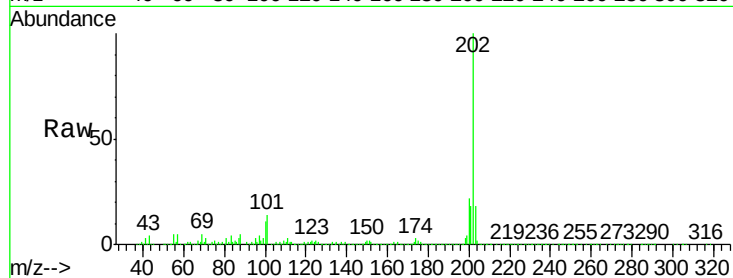
Tot Ion:202 Resp: 705155

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

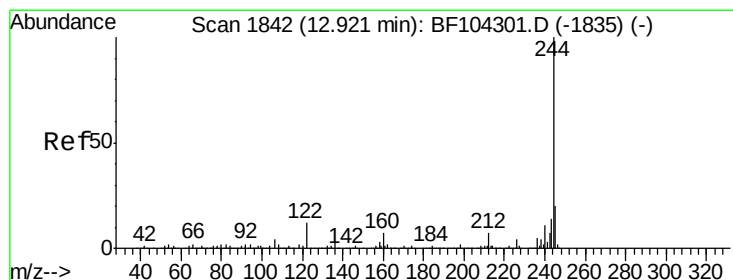
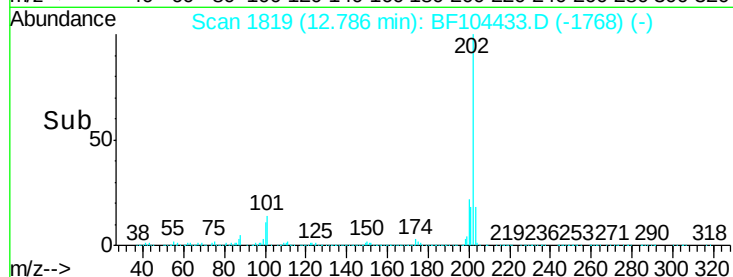
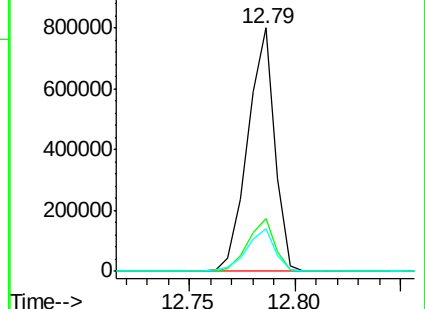
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.46 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

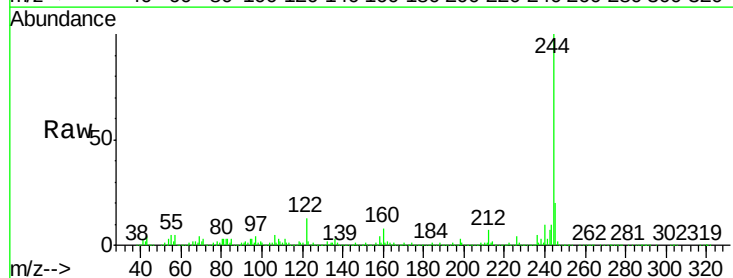
Tgt Ion:244 Resp: 958712

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

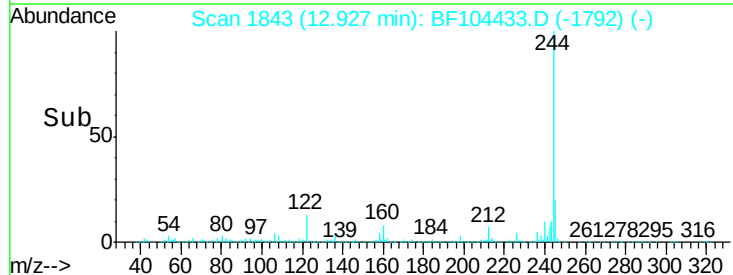
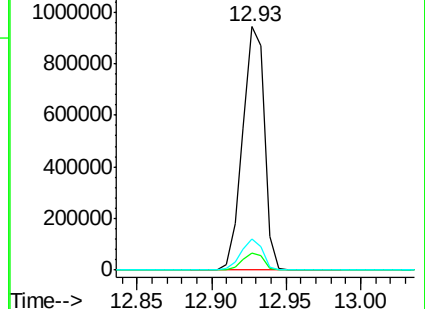
122 12.8 11.0 16.4

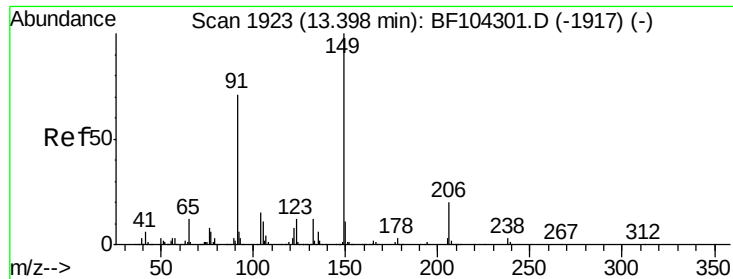


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

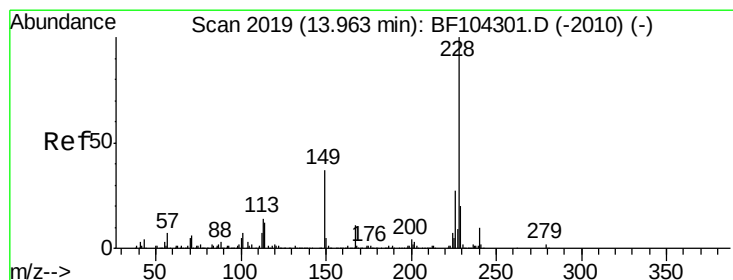
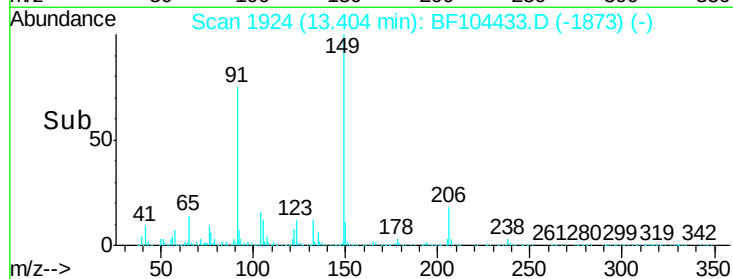
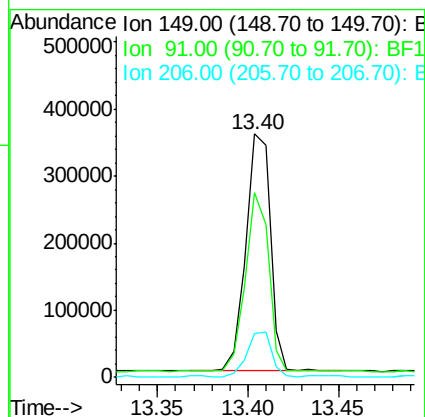
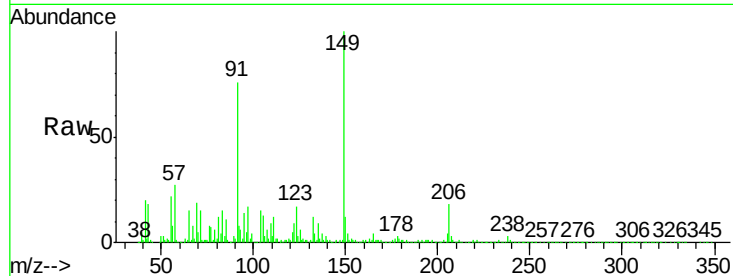




#79
Butylbenzylphthalate
Concen: 35.92 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

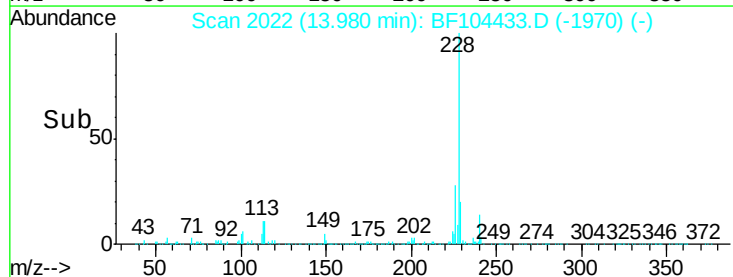
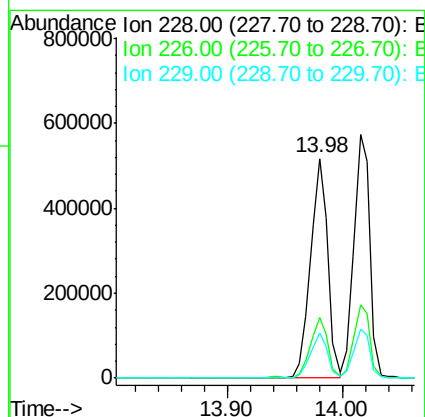
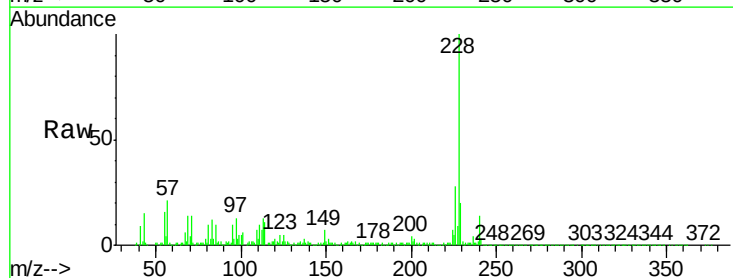
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

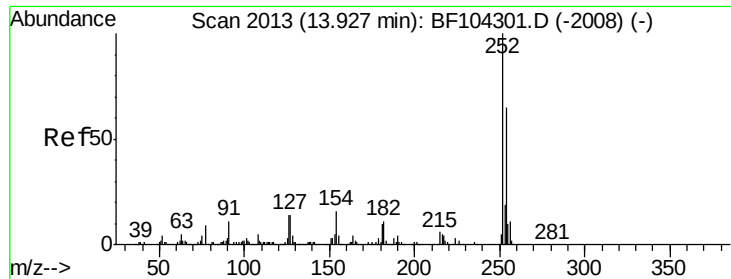
Tot Ion:149 Resp: 332500
Ion Ratio Lower Upper
149 100
91 75.8 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.15 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:228 Resp: 540750
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.4 15.8 23.6

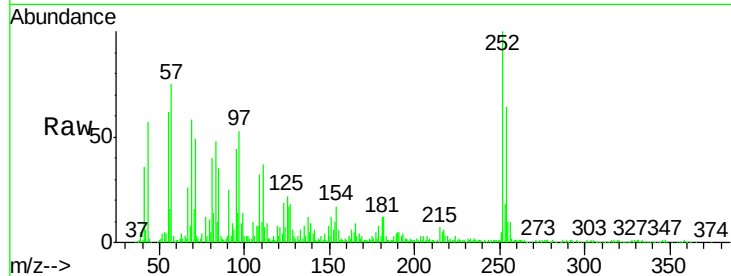




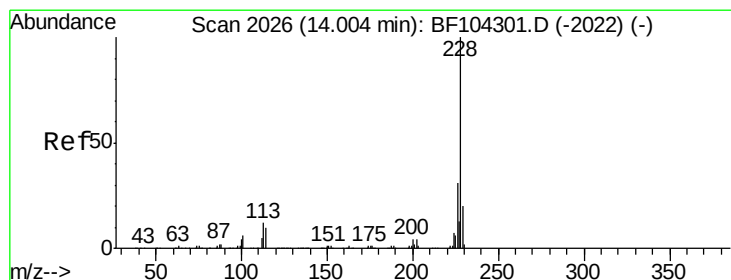
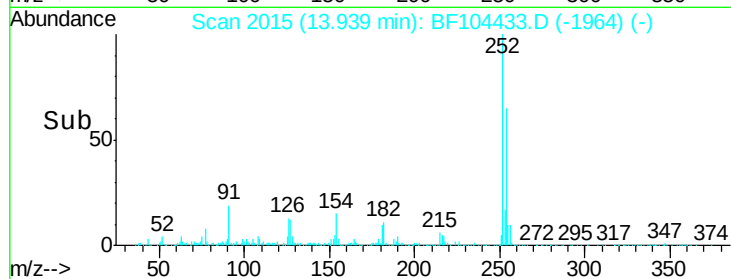
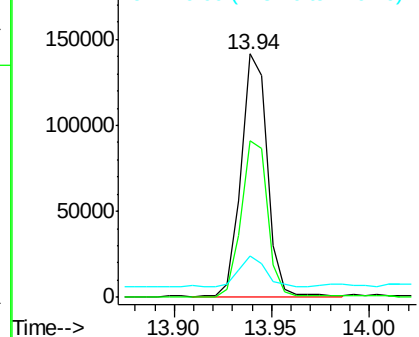
#81
 3,3'-Dichlorobenzidine
 Concen: 22.19 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	17.1	11.3	16.9

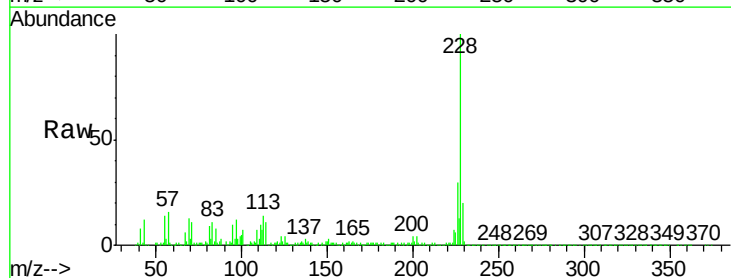


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

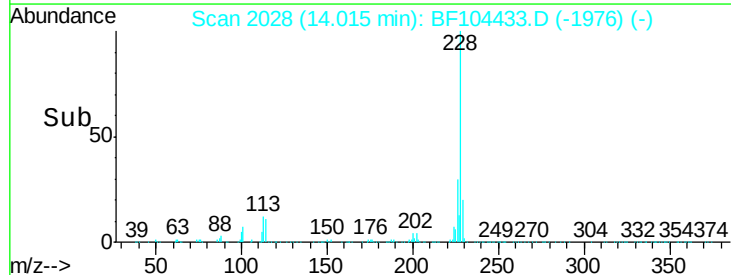
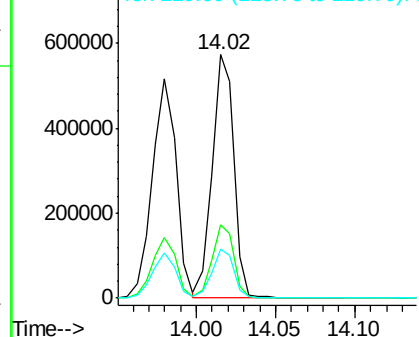


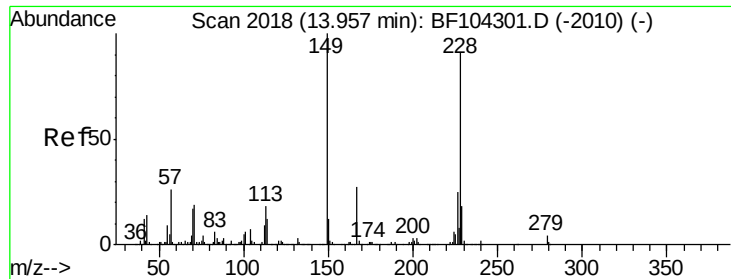
#82
 Chrysene
 Concen: 33.53 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

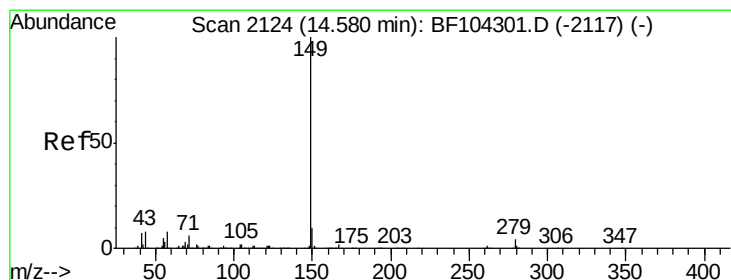
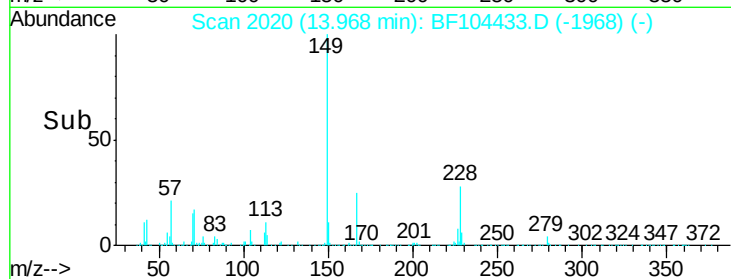
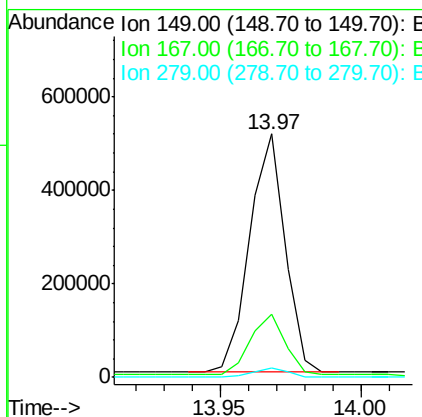
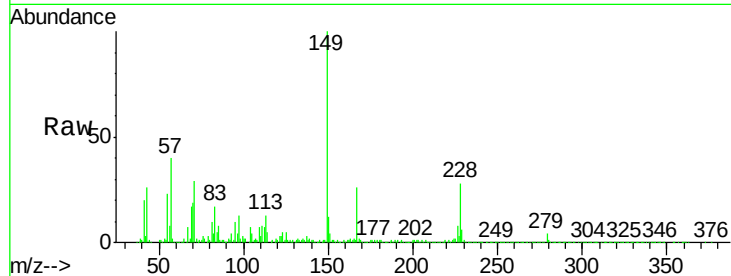




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.40 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

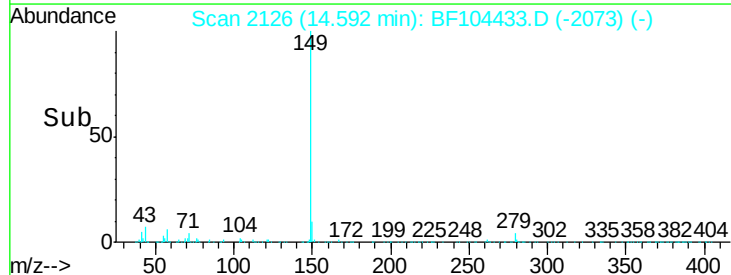
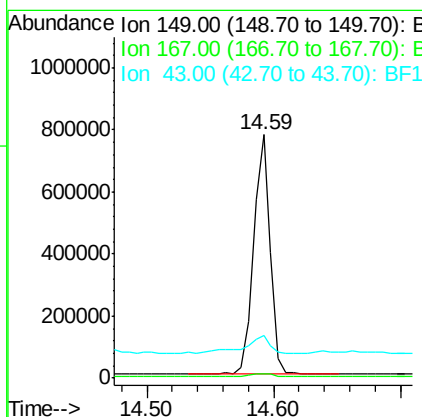
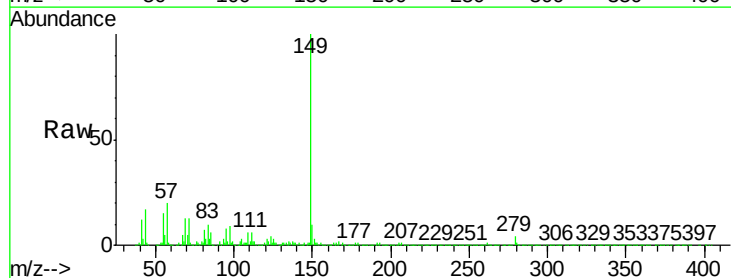
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

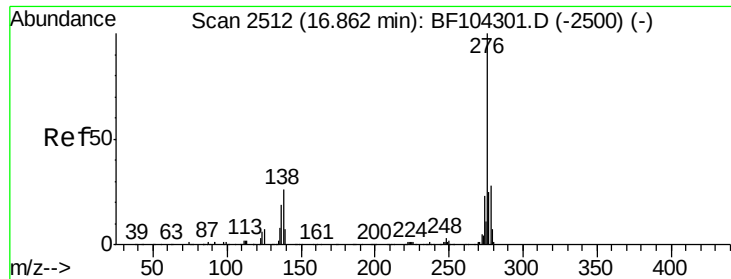
Tot Ion:149 Resp: 445239
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 35.34 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion:149 Resp: 703137
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 12.8 8.4 12.6#

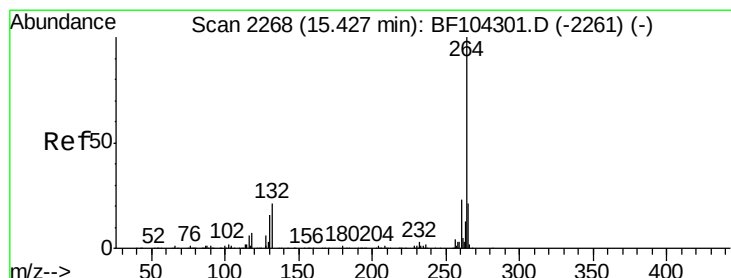
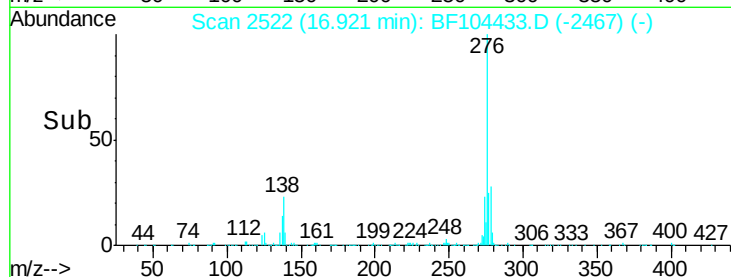
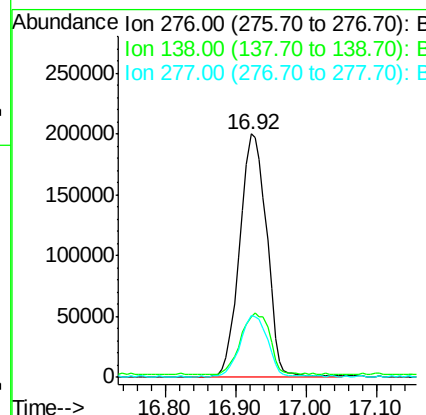
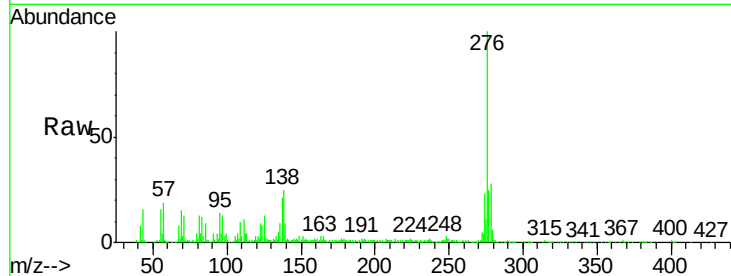




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.41 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.02 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

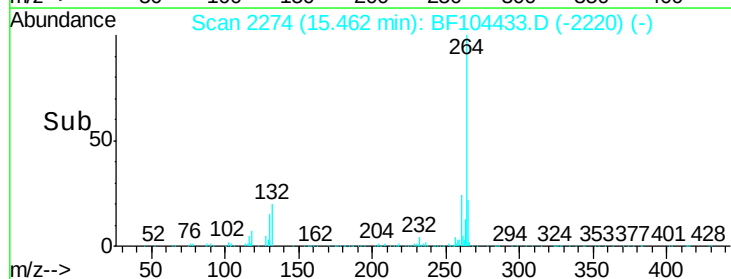
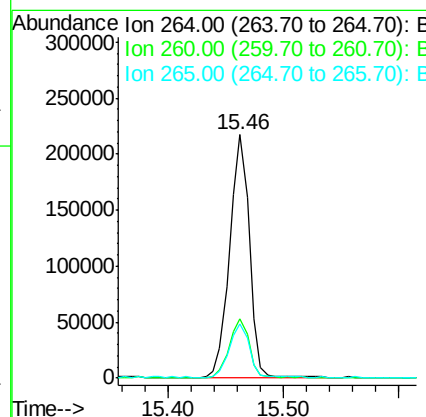
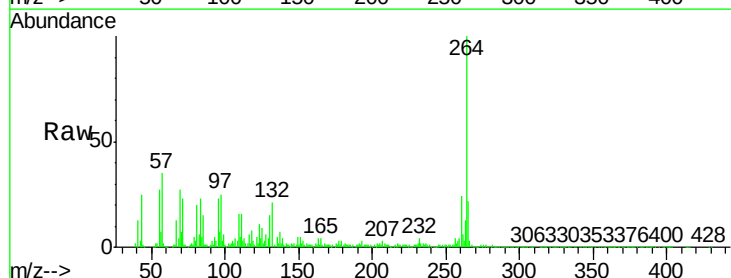
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MSD

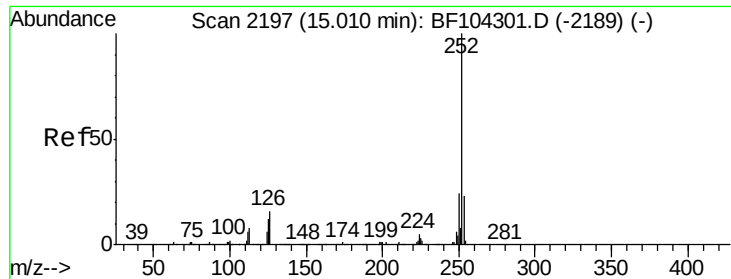
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.02 min
 Lab File: BF104433.D
 Acq: 11 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3

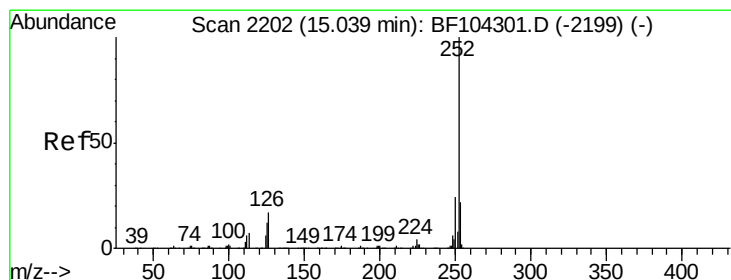
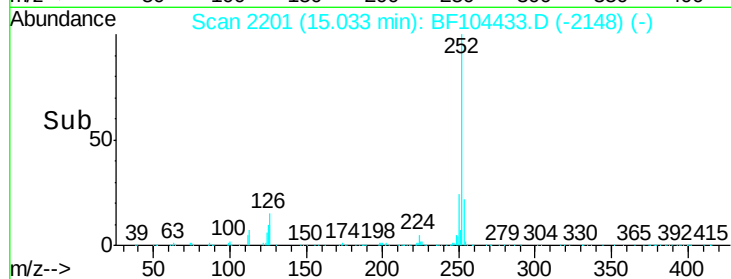
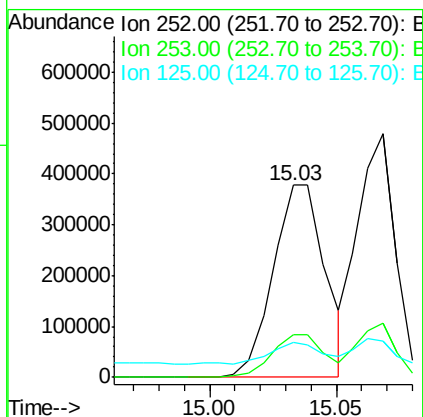
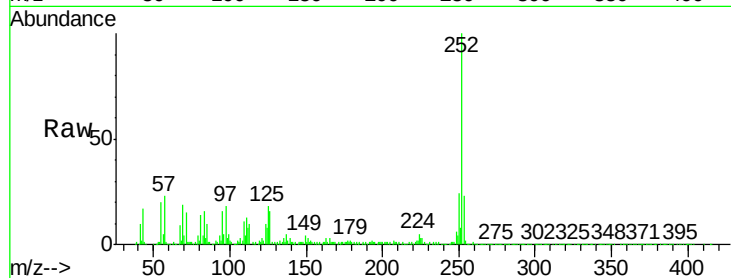




#87
Benzo(b)fluoranthene
Concen: 33.32 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

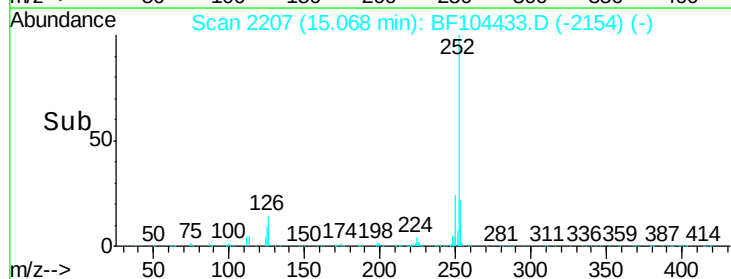
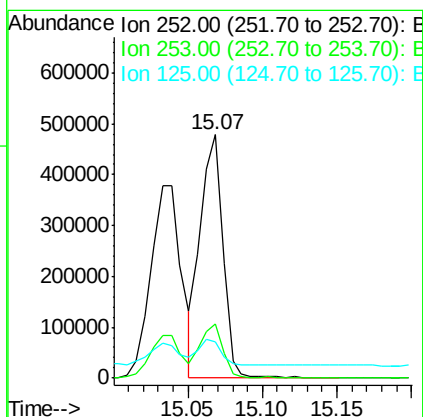
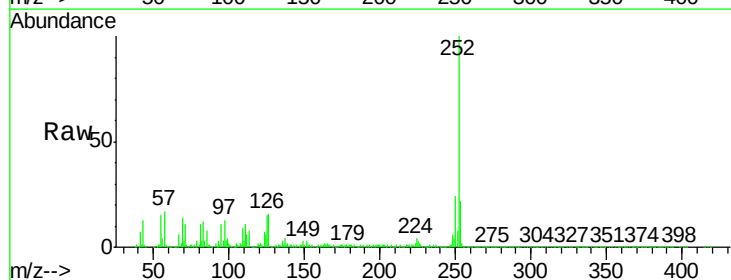
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

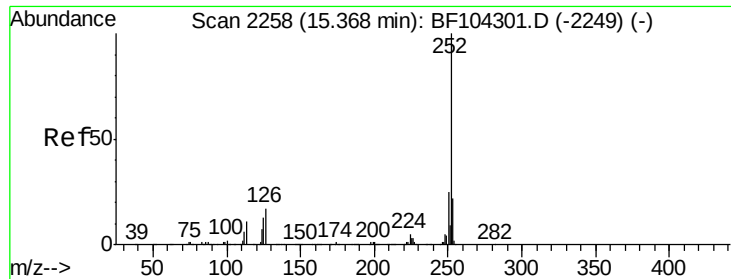
Tot Ion:252 Resp: 538549
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 18.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 32.49 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:252 Resp: 495822
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.1 10.2 15.2

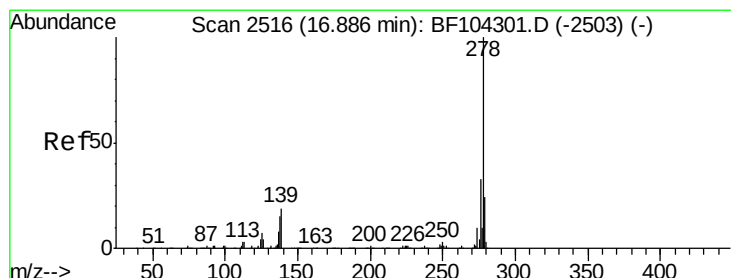
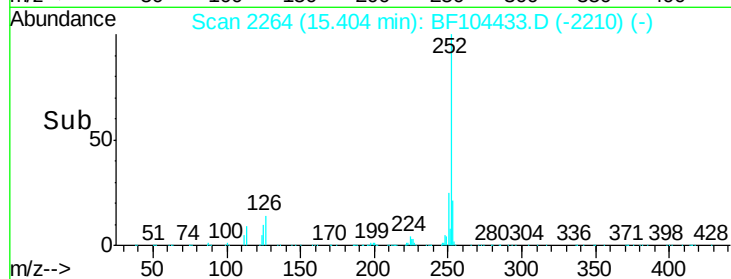
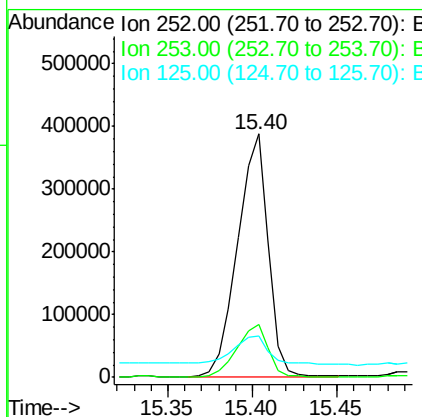
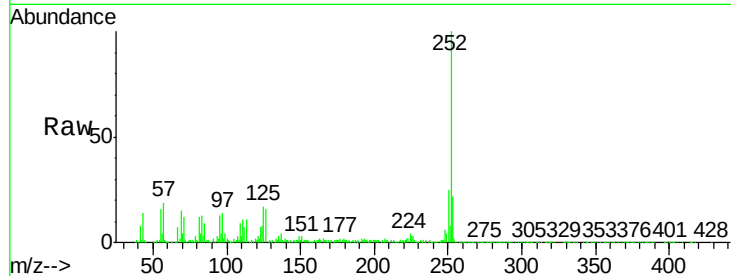




#89
Benzo(a)pyrene
Concen: 33.79 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

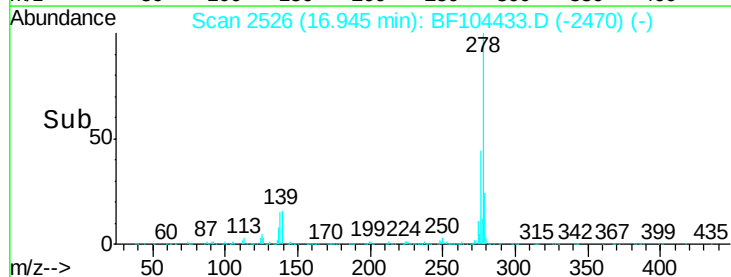
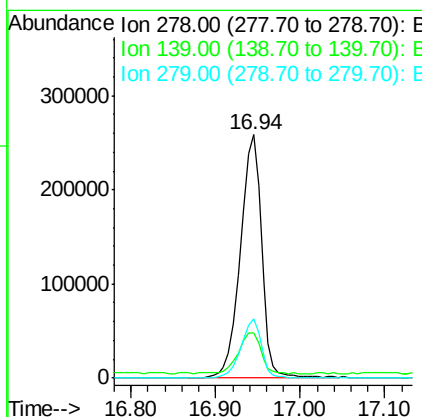
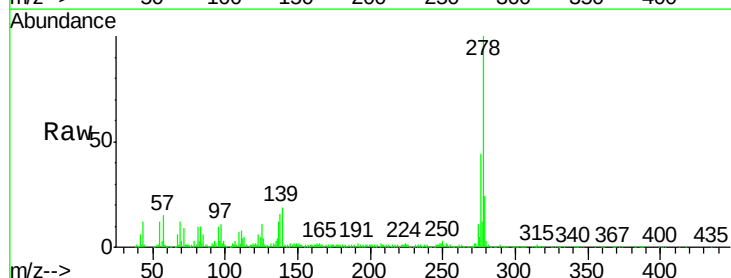
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

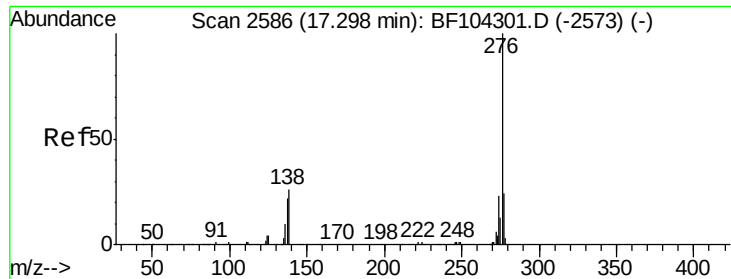
Tot Ion:252 Resp: 488633
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 16.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.48 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.03 min
Lab File: BF104433.D
Acq: 11 Apr 2018 13:03

Tgt Ion:278 Resp: 445218
Ion Ratio Lower Upper
278 100
139 18.7 15.9 23.9
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.96 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.03 min

Lab File: BF104433.D

Acq: 11 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MSD

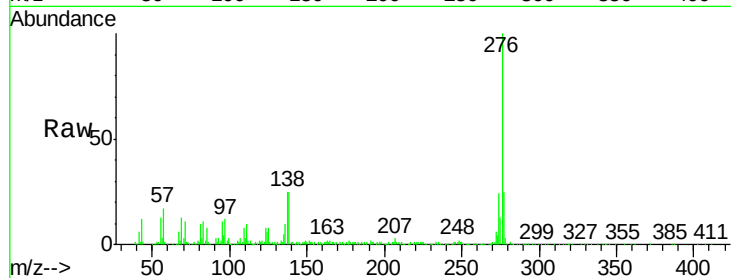
Tot Ion:276 Resp: 436845

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 24.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

