

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111016.D
 Acq On : 27 Nov 2018 18:14
 Operator : JU/SJ
 Sample : J6065-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Quant Time: Nov 28 00:58:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	47608	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	171747	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	70791	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	128244	20.00	ng	0.00
76) Chrysene-d12	14.14	240	97117	20.00	ng	0.00
87) Perylene-d12	15.67	264	66960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	399397	139.12	ng	0.02
7) Phenol-d6	6.57	99	478967	128.02	ng	0.00
23) Nitrobenzene-d5	7.51	82	283723	94.54	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	92827	132.03	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	424098	86.79	ng	0.00
79) Terphenyl-d14	13.06	244	406488	81.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	46582	33.868	ng	89
3) Pyridine	3.60	79	121828	40.450	ng	# 86
4) n-Nitrosodimethylamine	3.55	42	67603	49.054	ng	85
6) Aniline	6.61	93	110582	23.910	ng	# 58
8) 2-Chlorophenol	6.73	128	144526	42.479	ng	100
9) Benzaldehyde	6.50	77	53208	23.698	ng	92
10) Phenol	6.59	94	198902	47.208	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	130405	41.083	ng	95
12) 1,3-Dichlorobenzene	6.88	146	149490	39.995	ng	98
13) 1,4-Dichlorobenzene	6.96	146	150895	39.258	ng	99
14) 1,2-Dichlorobenzene	7.11	146	141415	39.091	ng	98
15) Benzyl Alcohol	7.09	79	118868	41.343	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201208	39.830	ng	87
17) 2-Methylphenol	7.19	107	109307	40.407	ng	# 89
18) Hexachloroethane	7.44	117	59588	42.145	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	95908	39.355	ng	94
20) 3+4-Methylphenols	7.35	107	142824	39.717	ng	# 47
22) Acetophenone	7.35	105	196245	48.748	ng	# 92
24) Nitrobenzene	7.53	77	146908	47.075	ng	96
25) Isophorone	7.76	82	247516	50.281	ng	97
26) 2-Nitrophenol	7.85	139	64169	42.323	ng	94
27) 2,4-Dimethylphenol	7.87	122	123160	53.789	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	155249	47.076	ng	98
29) 2,4-Dichlorophenol	8.09	162	109479	45.693	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	112611	41.939	ng	97
31) Naphthalene	8.25	128	371406	46.133	ng	100
32) Benzoic acid	7.87	122	123160	72.348	ng	# 13
33) 4-Chloroaniline	8.30	127	59507	17.366	ng	98
34) Hexachlorobutadiene	8.35	225	64198	41.977	ng	98
35) Caprolactam	8.67	113	33480	40.930	ng	# 77
36) 4-Chloro-3-methylphenol	8.78	107	108393	40.716	ng	98
37) 2-Methylnaphthalene	8.93	142	237013	44.571	ng	99
38) 1-Methylnaphthalene	9.03	142	221584	42.840	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98315	44.149	ng	98

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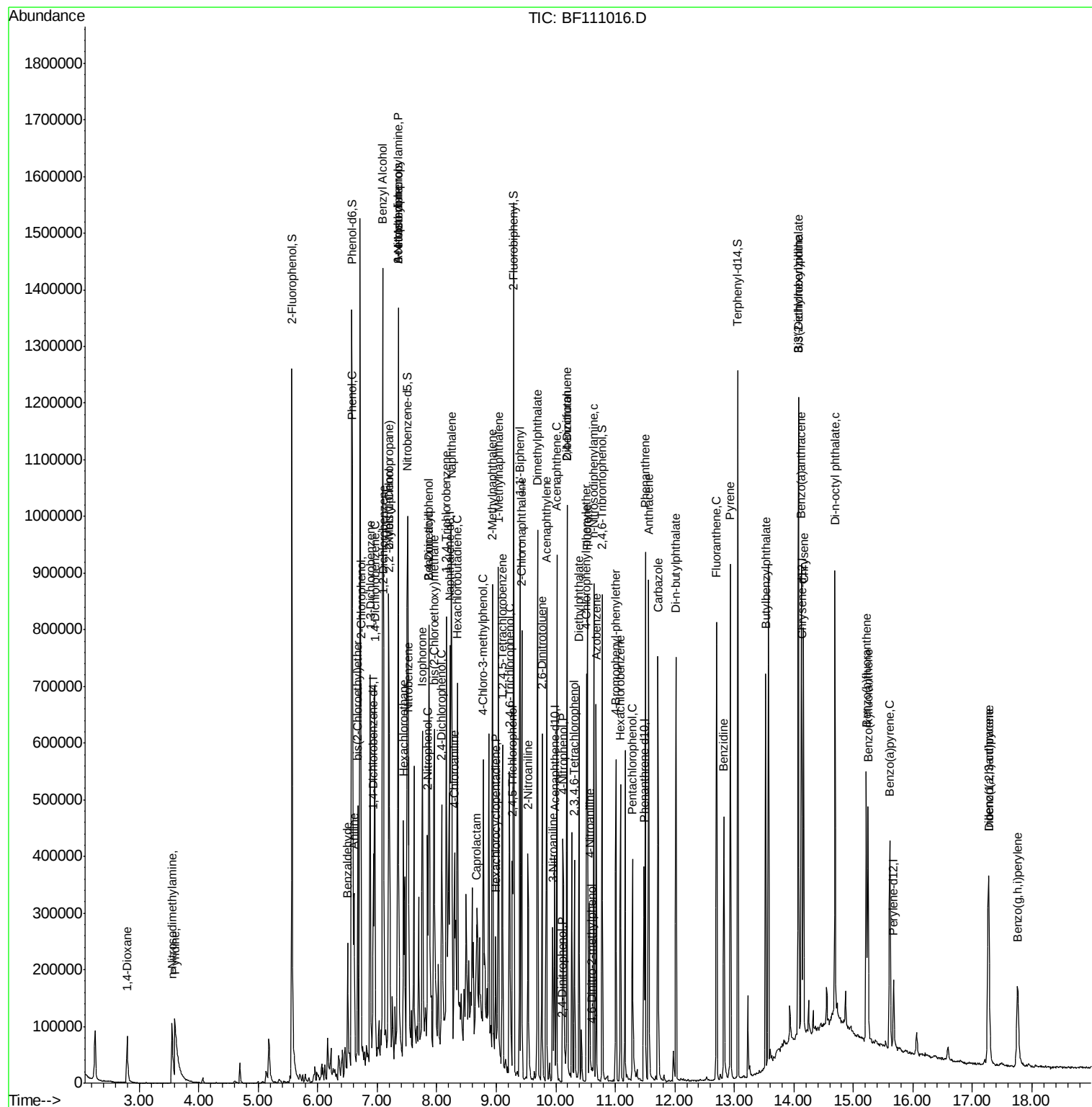
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	151	10.793	ng	# 27
43) 2,4,6-Trichlorophenol	9.22	196	64045	48.154	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	67225	48.003	ng	91
46) 1,1'-Biphenyl	9.40	154	274473	42.055	ng	98
47) 2-Chloronaphthalene	9.43	162	206481	43.634	ng	99
48) 2-Nitroaniline	9.53	65	72165	48.756	ng	98
49) Acenaphthylene	9.85	152	313346	46.567	ng	99
50) Dimethylphthalate	9.69	163	279944	53.920	ng	99
51) 2,6-Dinitrotoluene	9.77	165	47826	41.379	ng	# 86
52) Acenaphthene	10.02	154	185189	42.930	ng	97
53) 3-Nitroaniline	9.95	138	49587	36.810	ng	92
54) 2,4-Dinitrophenol	10.10	184	220	4.231	ng	# 12
55) Dibenzofuran	10.19	168	268203	42.618	ng	99
56) 4-Nitrophenol	10.12	139	63849	84.982	ng	94
57) 2,4-Dinitrotoluene	10.19	165	59153	39.447	ng	# 76
58) Fluorene	10.53	166	217847	44.492	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	53807	46.817	ng	# 91
60) Diethylphthalate	10.39	149	236538	44.180	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	102806	40.143	ng	97
62) 4-Nitroaniline	10.57	138	54305	43.296	ng	95
63) Azobenzene	10.68	77	210080	40.257	ng	98
65) 4,6-Dinitro-2-methylphenol	10.61	198	2412	3.976	ng	# 78
66) n-Nitrosodiphenylamine	10.64	169	191676	44.897	ng	98
67) 4-Bromophenyl-phenylether	11.01	248	58721	42.043	ng	91
68) Hexachlorobenzene	11.09	284	62358	41.917	ng	# 92
69) Atrazine	11.16	200	60335	Below Cal		98
70) Pentachlorophenol	11.29	266	52676	89.000	ng	97
71) Phenanthrene	11.50	178	322100	47.422	ng	100
72) Anthracene	11.56	178	334707	48.388	ng	99
73) Carbazole	11.72	167	297160	44.261	ng	99
74) Di-n-butylphthalate	12.02	149	364837	46.477	ng	99
75) Fluoranthene	12.70	202	348228	49.883	ng	97
77) Benzidine	12.82	184	207313	83.457	ng	96
78) Pyrene	12.93	202	356218	50.220	ng	98
80) Butylbenzylphthalate	13.53	149	160841	50.225	ng	95
81) Benzo(a)anthracene	14.13	228	271047	47.273	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	88985	45.262	ng	99
83) Chrysene	14.16	228	256213	45.393	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	223531	52.384	ng	96
85) Di-n-octyl phthalate	14.69	149	351786	52.226	ng	# 96
86) Indeno(1,2,3-cd)pyrene	17.27	276	179324	44.261	ng	98
88) Benzo(b)fluoranthene	15.22	252	202586	51.501	ng	100
89) Benzo(k)fluoranthene	15.24	252	172482	42.600	ng	99
90) Benzo(a)pyrene	15.61	252	173701	47.439	ng	97
91) Dibenzo(a,h)anthracene	17.27	278	150712	49.887	ng	98
92) Benzo(g,h,i)perylene	17.76	276	147979	50.801	ng	97

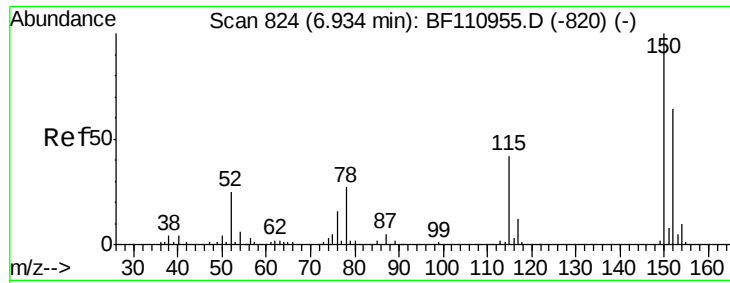
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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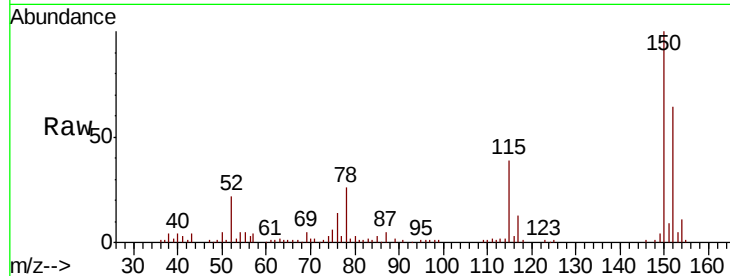




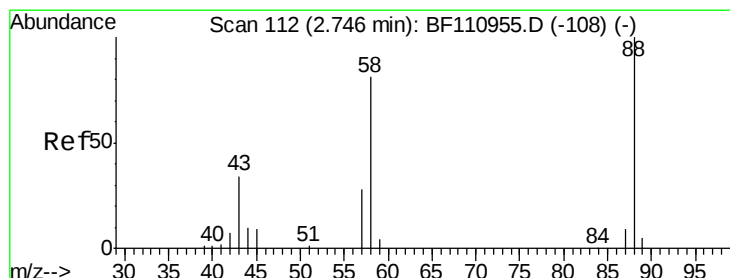
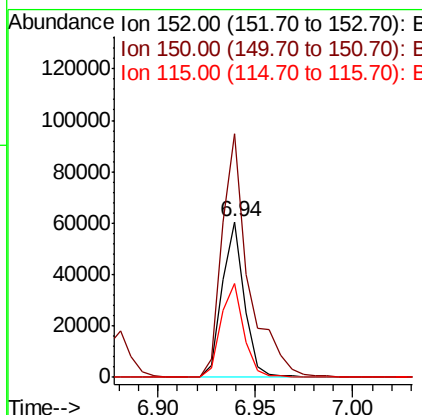
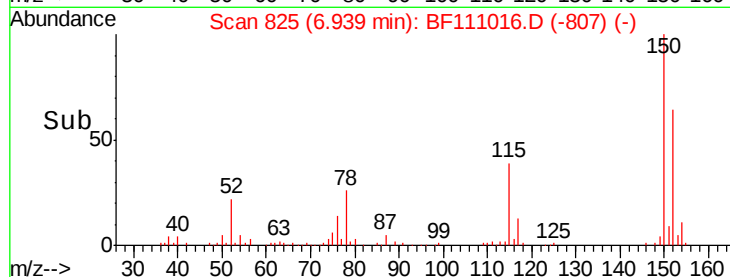
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion:152 Resp: 47608
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 60.5 49.1 73.7

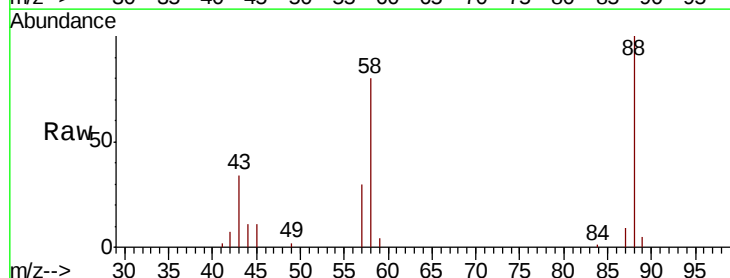


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

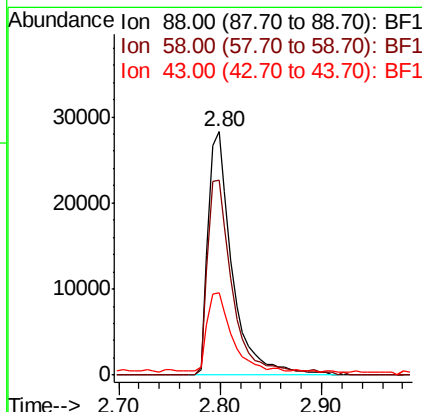
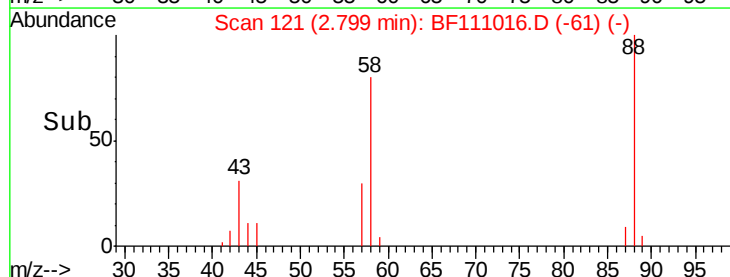


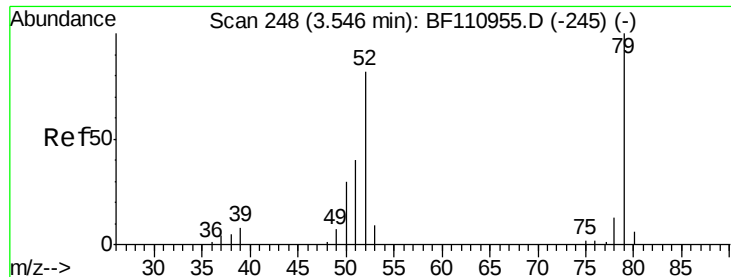
#2
 1,4-Dioxane
 Concen: 33.868 ng
 RT: 2.80 min Scan# 121
 Delta R.T. 0.05 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion: 88 Resp: 46582
 Ion Ratio Lower Upper
 88 100
 58 82.0 57.1 85.7
 43 32.9 24.1 36.1



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

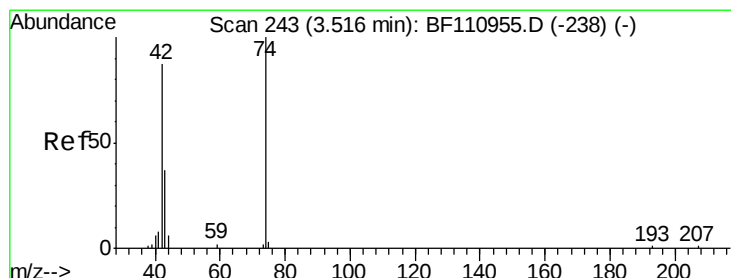
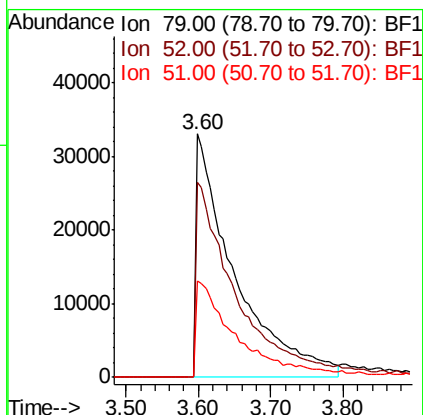
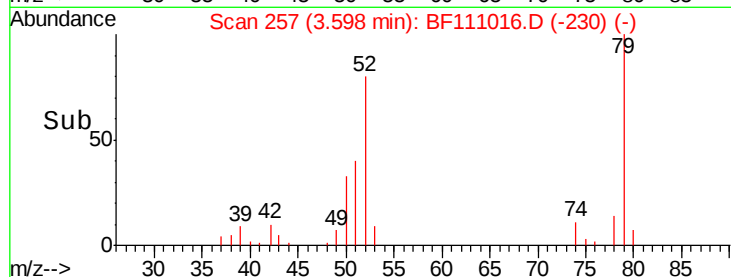
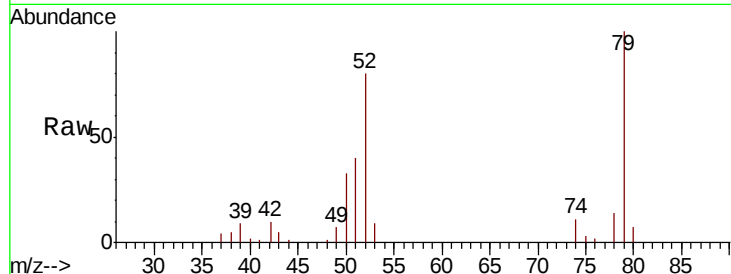




#3
Pyridine
Concen: 40.450 ng
RT: 3.60 min Scan# 257
Delta R.T. 0.06 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

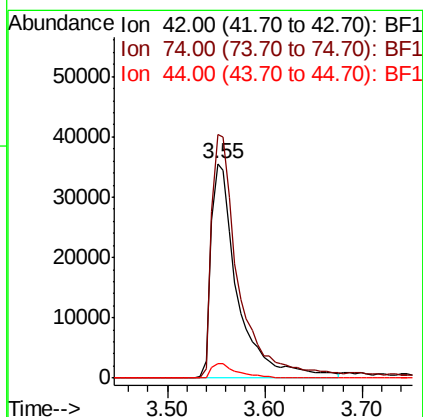
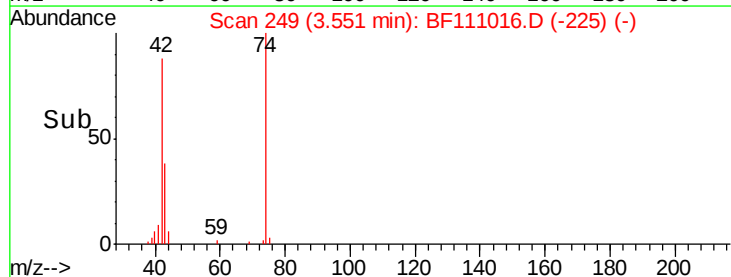
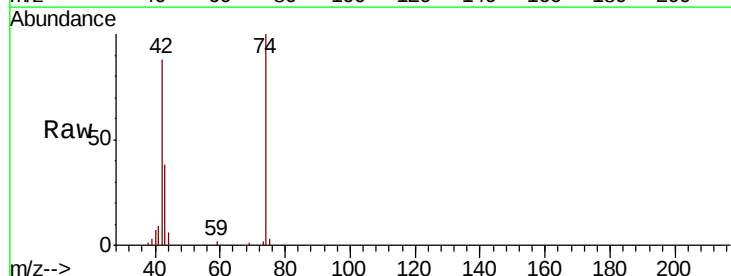
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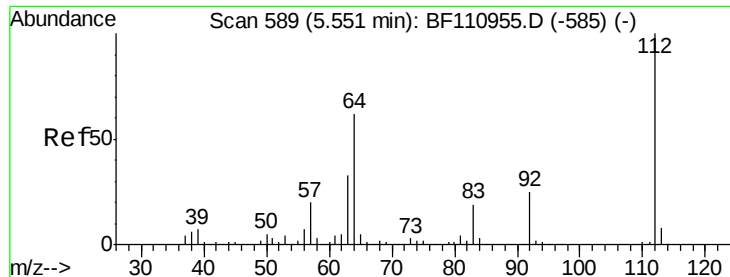
Tgt Ion: 79 Resp: 121828
Ion Ratio Lower Upper
79 100
52 80.0 53.1 79.7#
51 39.7 27.4 41.2



#4
n-Nitrosodimethylamine
Concen: 49.054 ng
RT: 3.55 min Scan# 249
Delta R.T. 0.04 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion: 42 Resp: 67603
Ion Ratio Lower Upper
42 100
74 113.4 105.5 158.3
44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 139.121 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

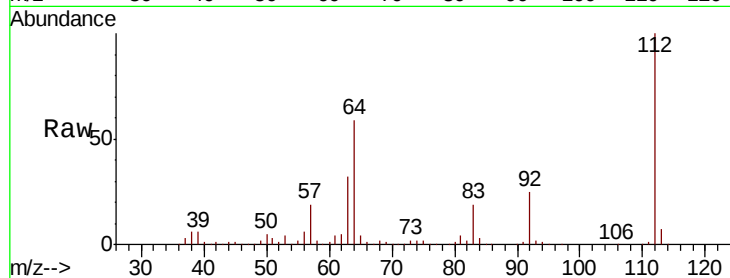
Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

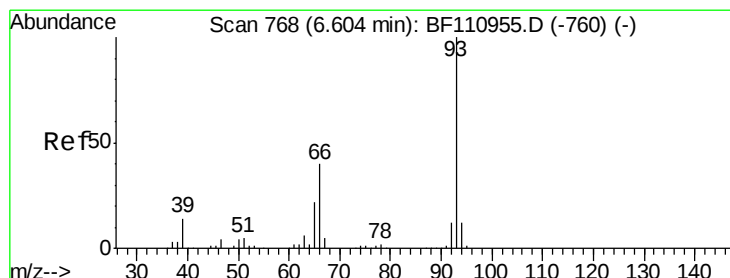
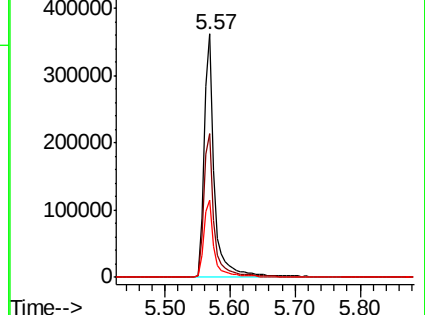
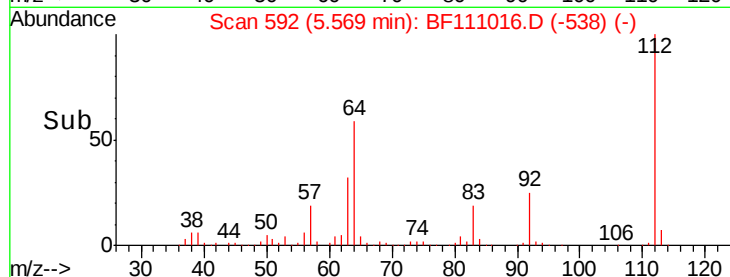
Tgt Ion:	112	Resp:	399397
Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	31.6	23.7	35.5



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: 23.910 ng

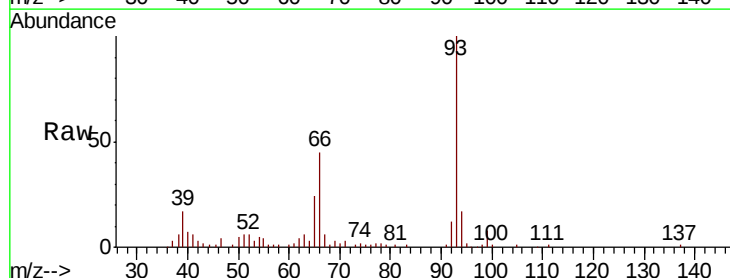
RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

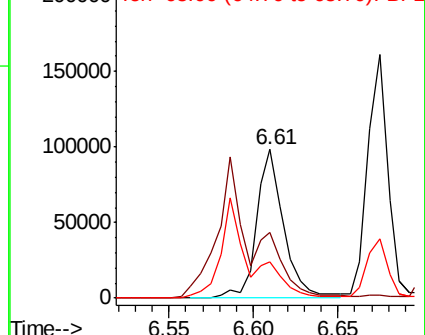
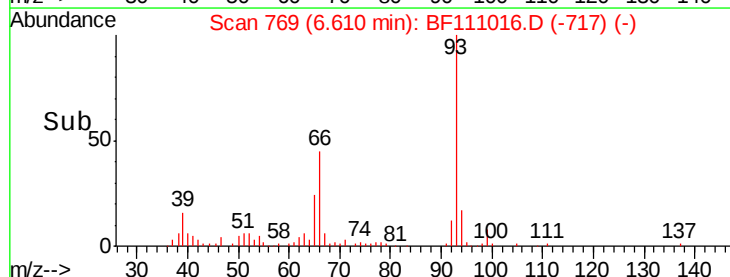
Tgt Ion:	93	Resp:	110582
Ion	Ratio	Lower	Upper
93	100		
66	44.5	67.4	101.0#
65	24.2	41.0	61.4#

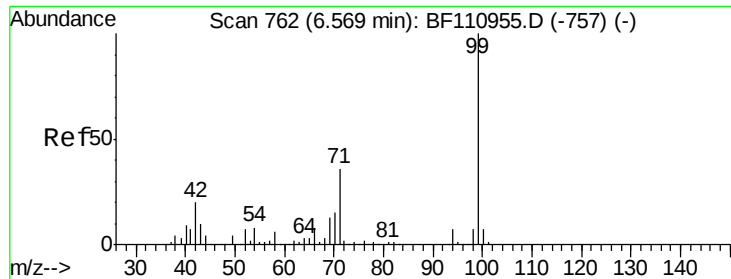


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.024 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111016.D

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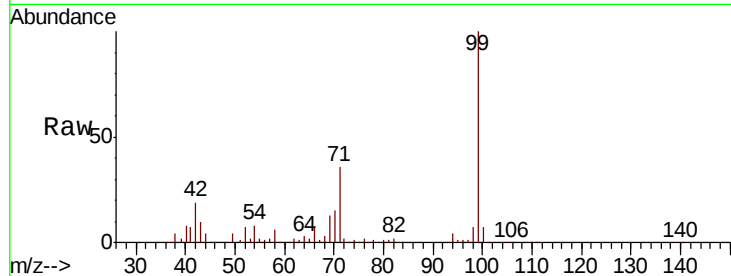
Tgt Ion: 99 Resp: 478967

Ion Ratio Lower Upper

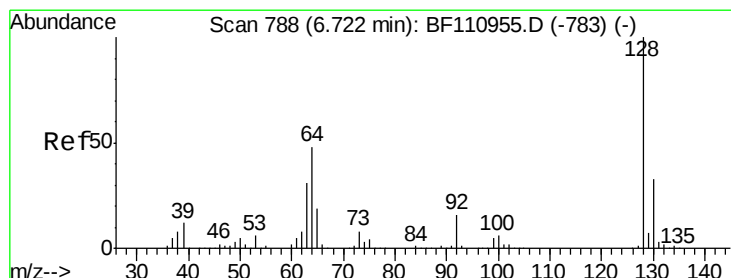
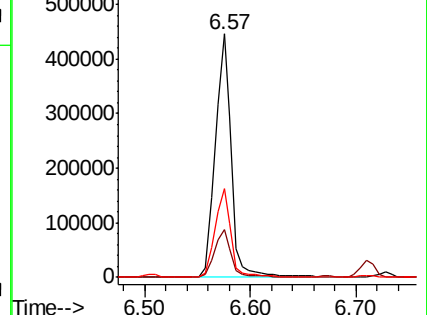
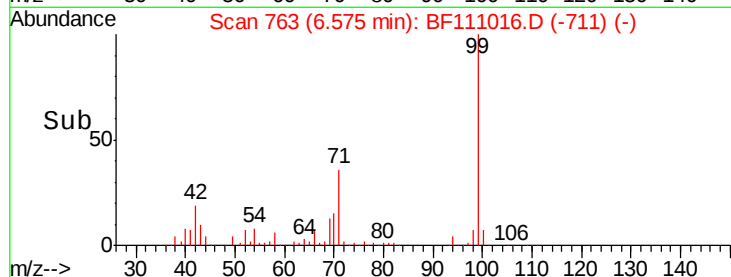
99 100

42 19.5 15.8 23.6

71 36.3 28.0 42.0



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: 42.479 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

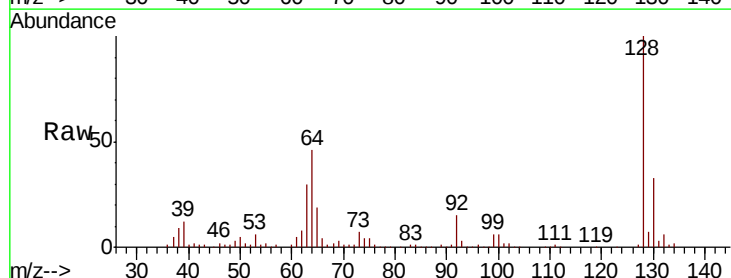
Tgt Ion: 128 Resp: 144526

Ion Ratio Lower Upper

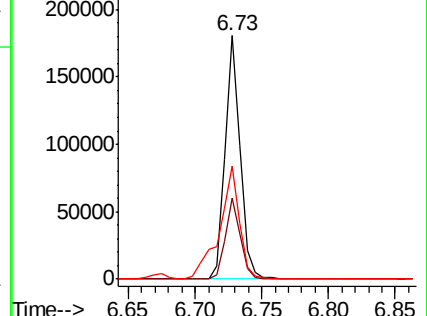
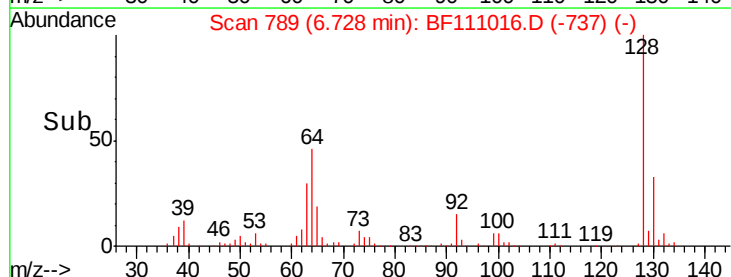
128 100

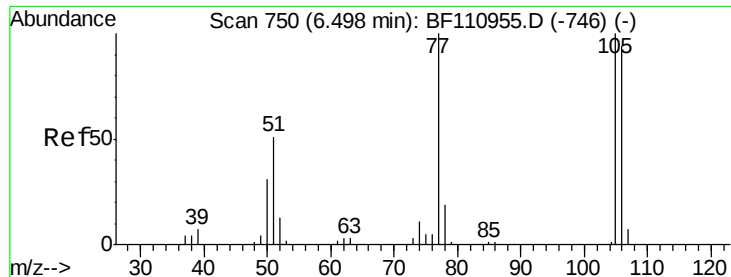
130 33.3 13.1 53.1

64 46.3 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.698 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

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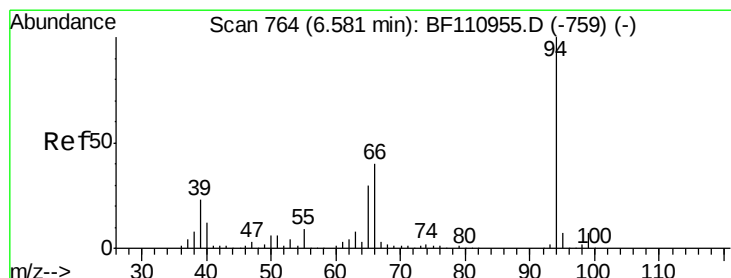
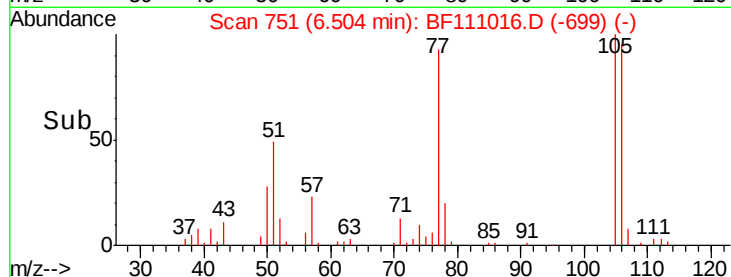
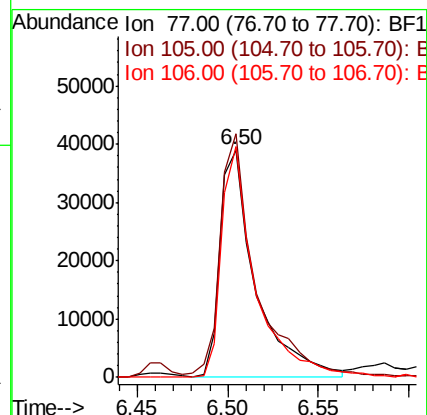
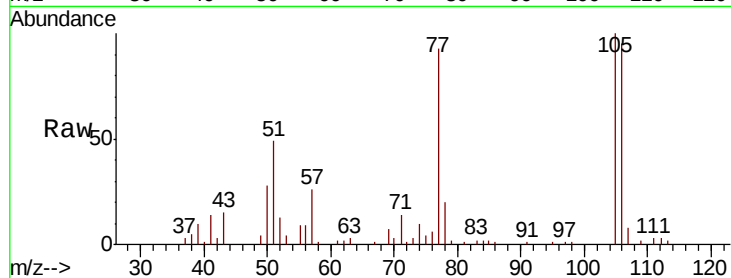
Tgt Ion: 77 Resp: 53208

Ion Ratio Lower Upper

77 100

105 107.1 78.6 118.6

106 101.4 74.8 114.8



#10

Phenol

Concen: 47.208 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

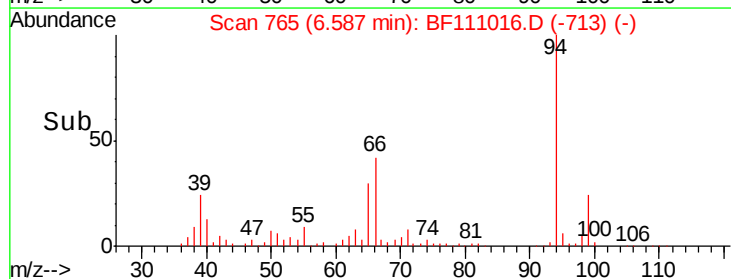
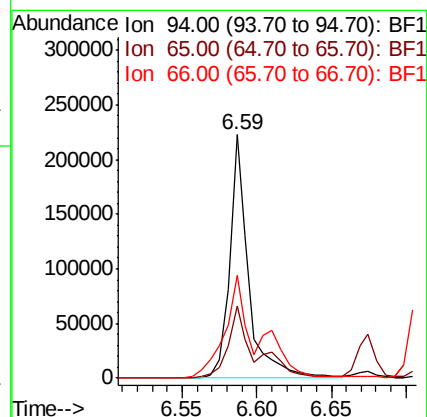
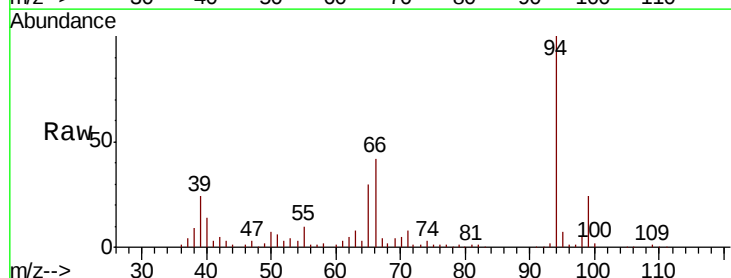
Tgt Ion: 94 Resp: 198902

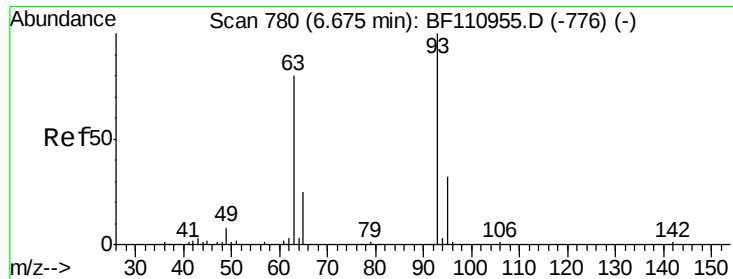
Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

66 42.0 54.5 94.5#

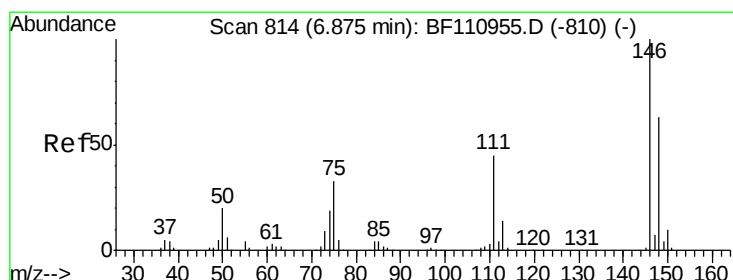
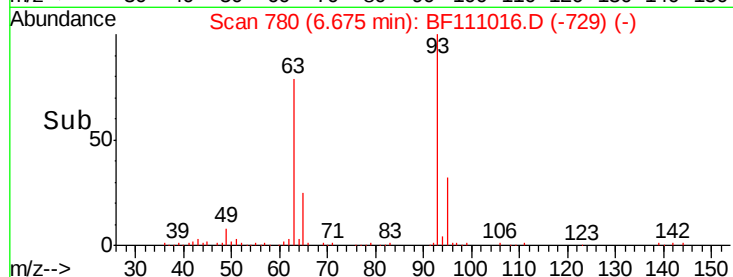
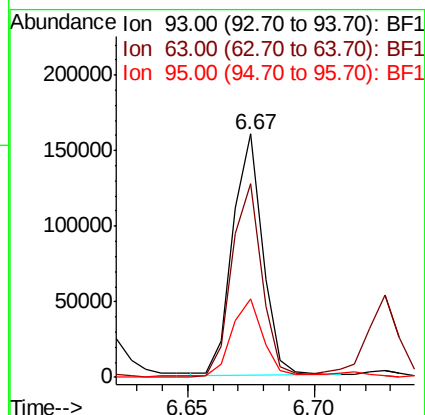
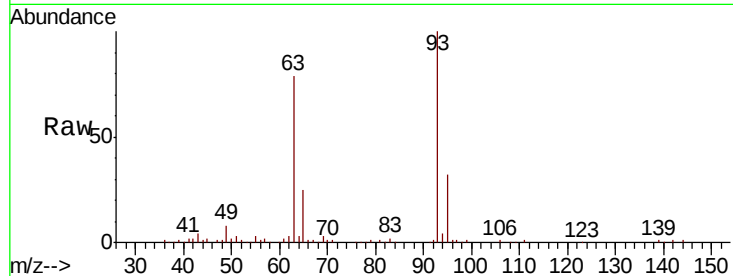




#11
 bis(2-Chloroethyl)ether
 Concen: 41.083 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

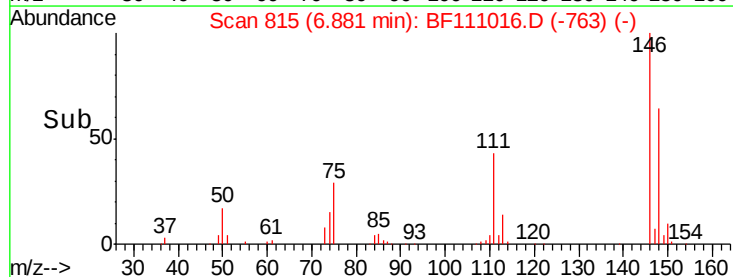
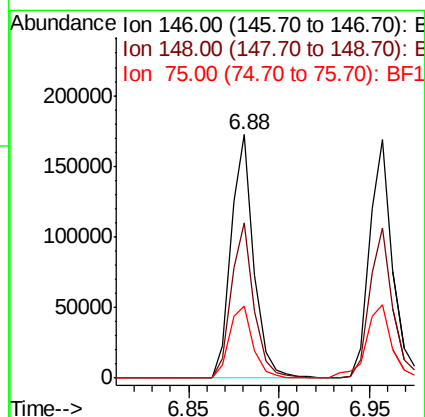
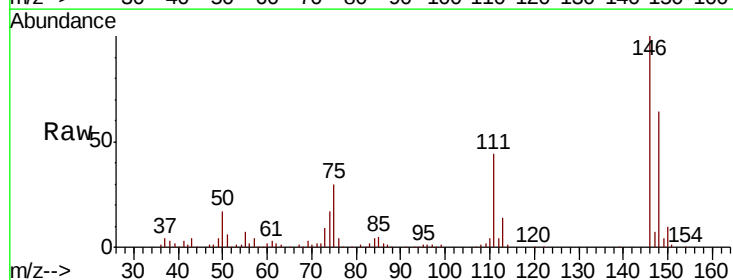
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

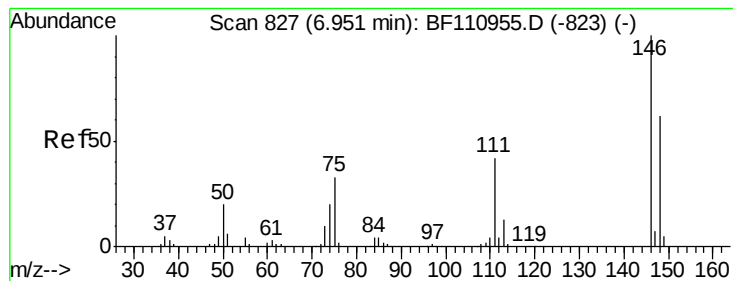
Tgt Ion: 93 Resp: 130405
 Ion Ratio Lower Upper
 93 100
 63 79.3 53.4 93.4
 95 32.3 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.995 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion: 146 Resp: 149490
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 75 29.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.258 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

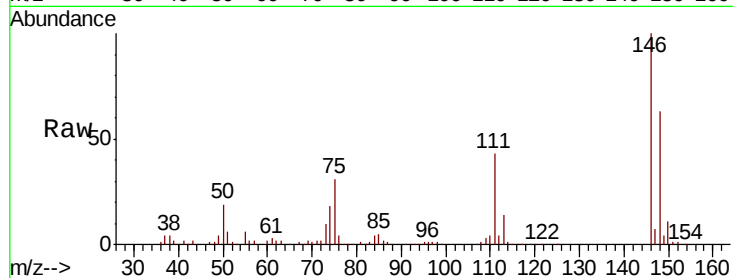
Tgt Ion:146 Resp: 150895

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

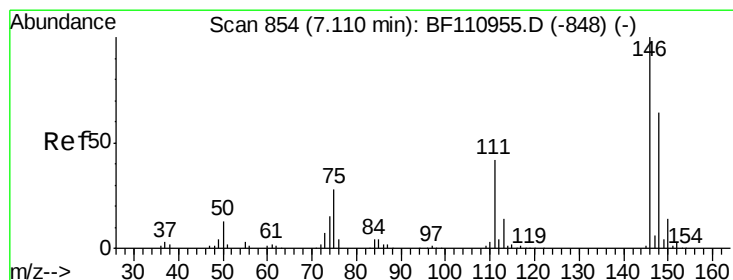
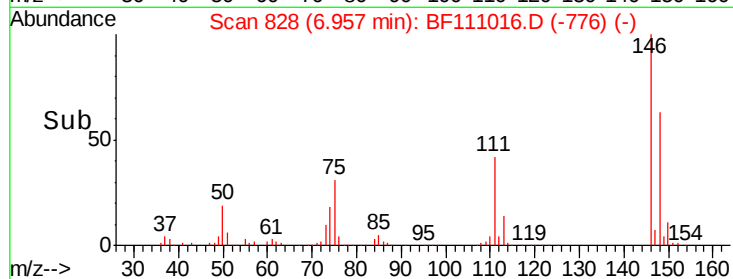
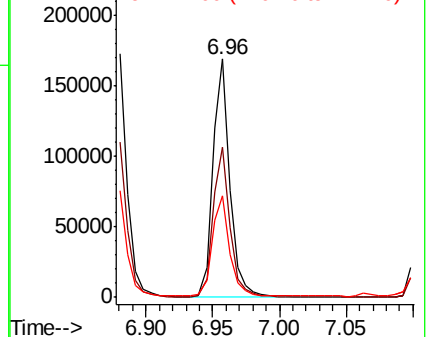
111 42.8 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.091 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

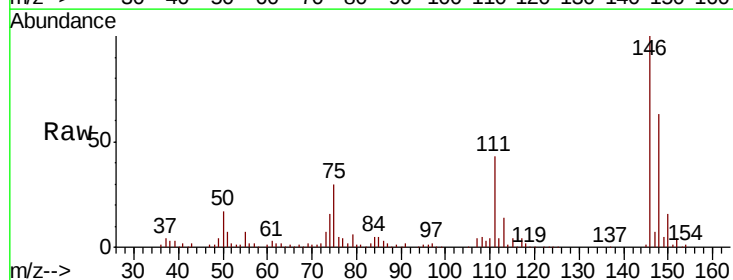
Tgt Ion:146 Resp: 141415

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

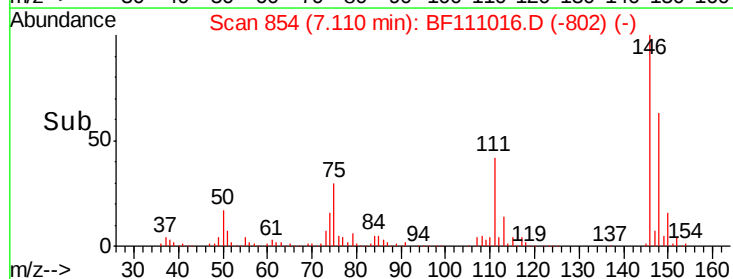
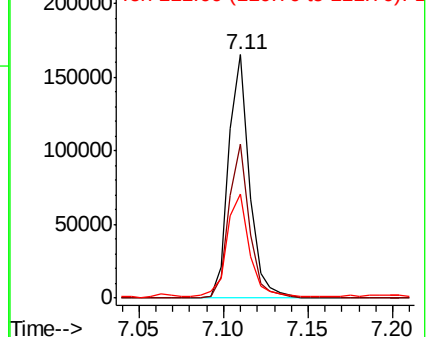
111 42.6 35.8 53.6

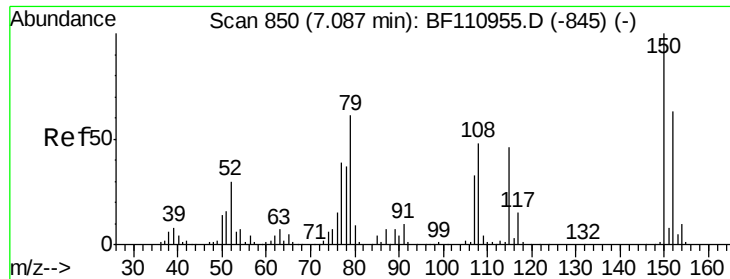


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

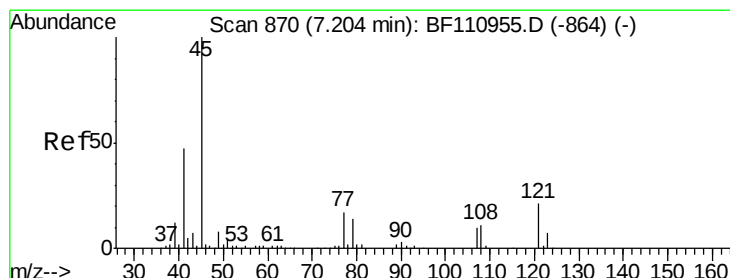
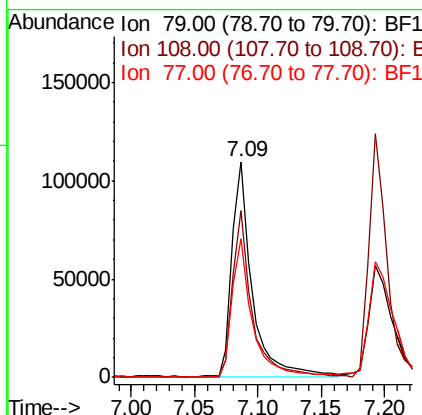
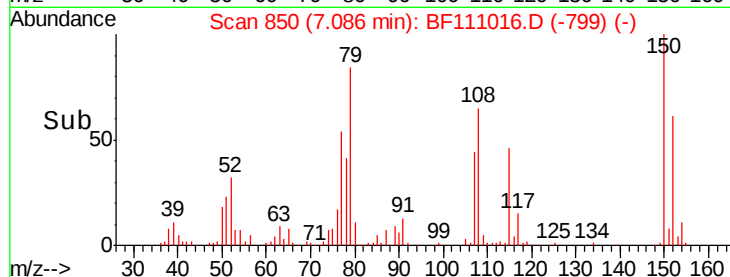
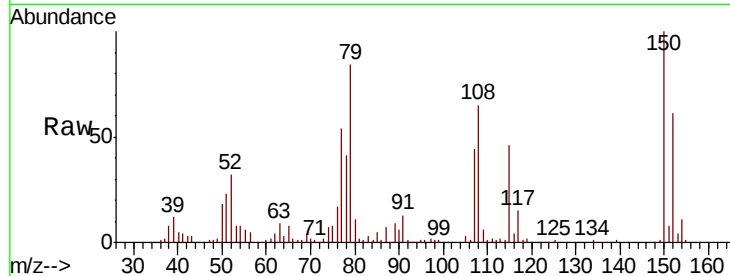




#15
Benzyl Alcohol
Concen: 41.343 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

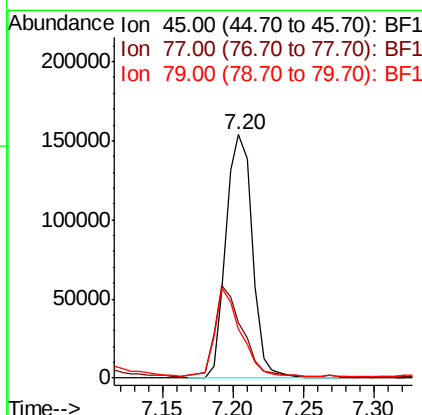
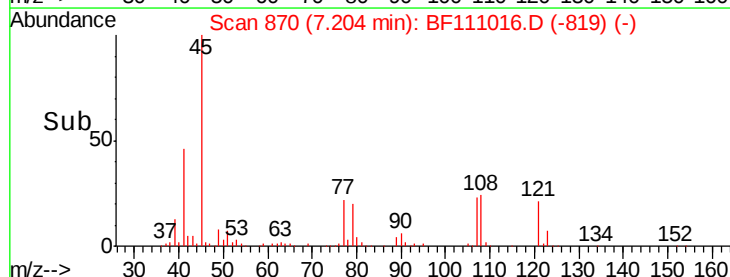
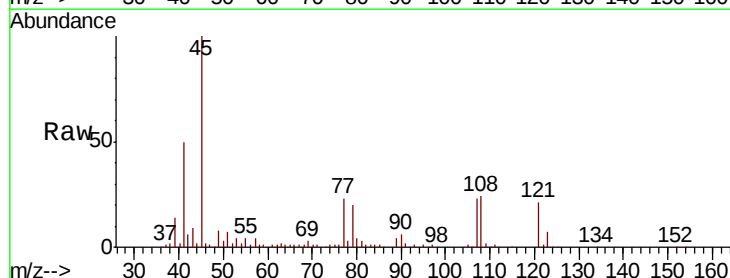
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

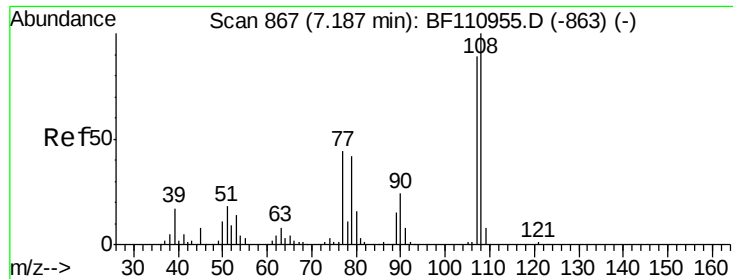
Tgt Ion: 79 Resp: 118868
Ion Ratio Lower Upper
79 100
108 77.3 56.3 84.5
77 64.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.830 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion: 45 Resp: 201208
Ion Ratio Lower Upper
45 100
77 22.7 10.0 50.0
79 20.1 6.1 46.1

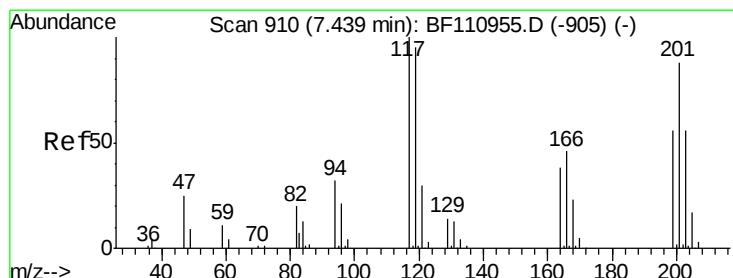
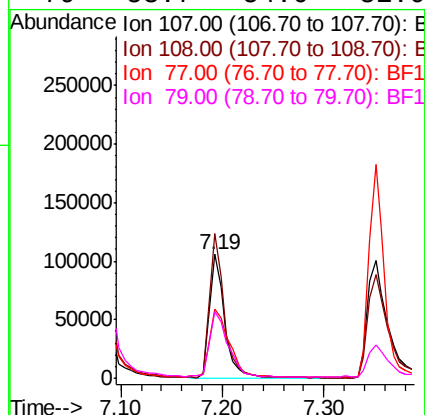
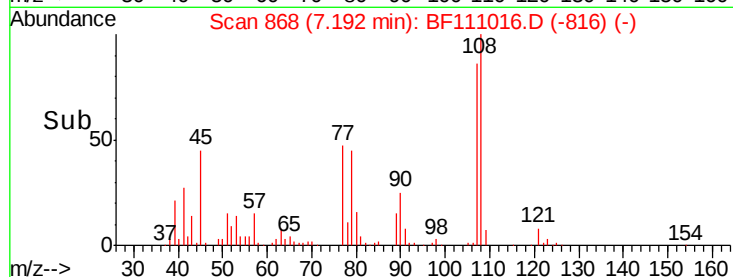
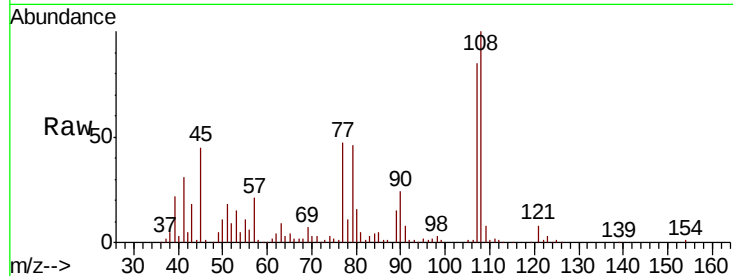




#17
2-Methylphenol
Concen: 40.407 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

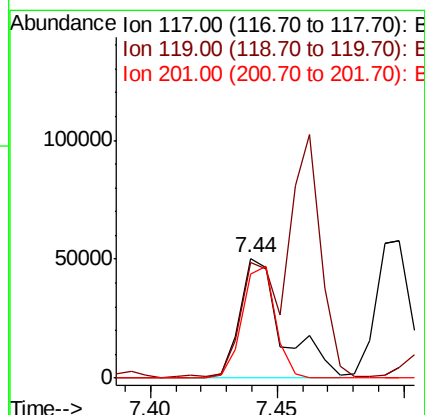
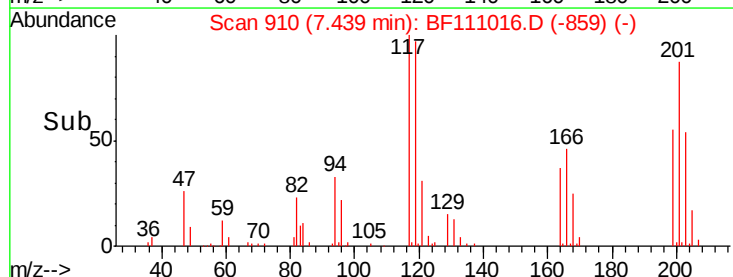
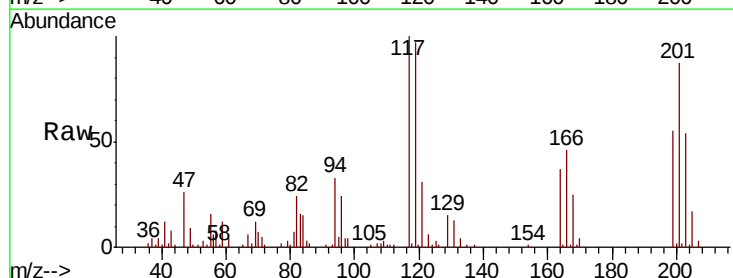
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

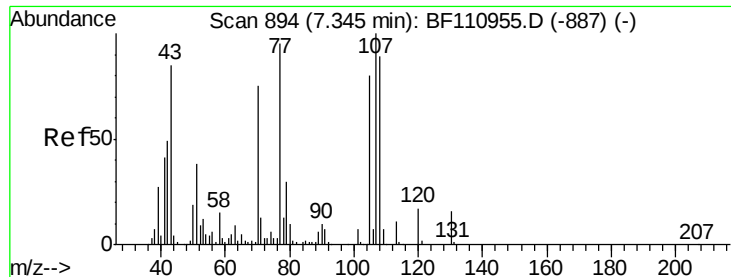
Tgt Ion:107 Resp: 109307
Ion Ratio Lower Upper
107 100
108 117.0 92.6 138.8
77 55.5 59.4 89.2#
79 53.7 54.0 81.0#



#18
Hexachloroethane
Concen: 42.145 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:117 Resp: 59588
Ion Ratio Lower Upper
117 100
119 97.1 75.0 112.6
201 86.7 79.2 118.8

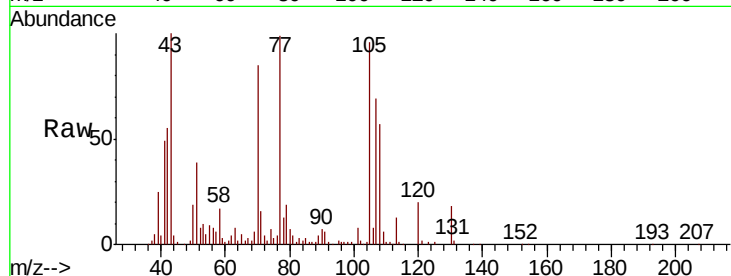




#19
n-Nitroso-di-n-propylamine
Concen: 39.355 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion:	70	Resp:	95908
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.4	71.2
101	9.5	7.3	10.9
130	21.6	16.2	24.2



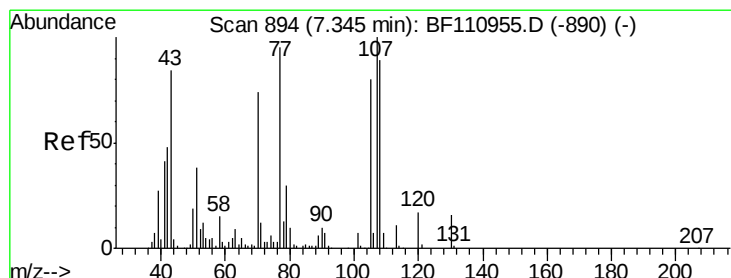
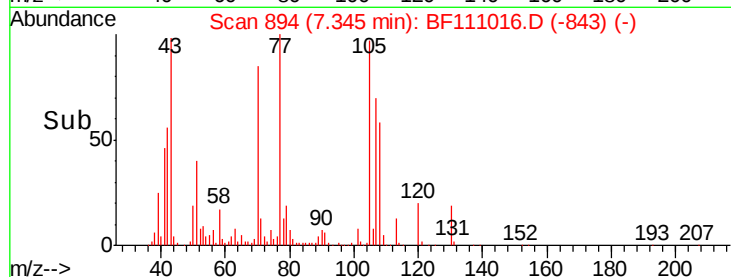
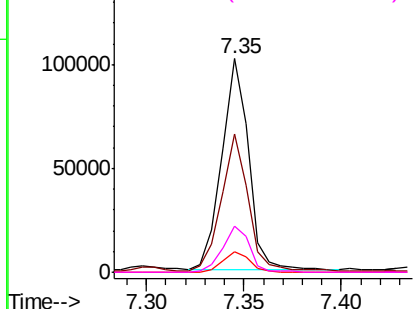
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

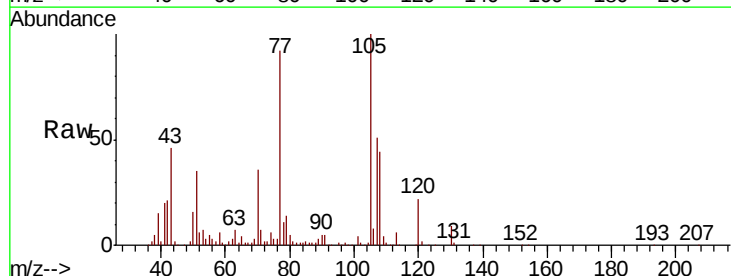
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.717 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:	107	Resp:	142824
Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.4	111.4
77	181.1	47.3	87.3#
79	28.5	10.9	50.9



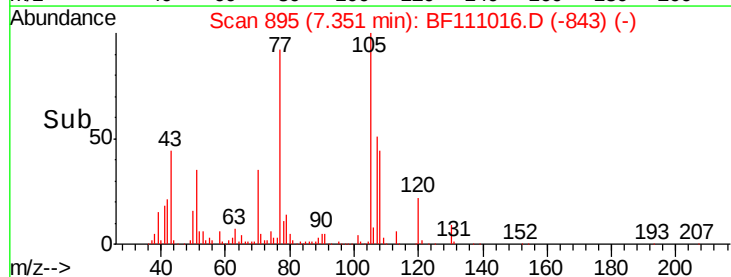
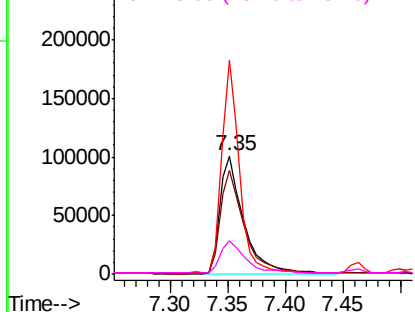
Abundance

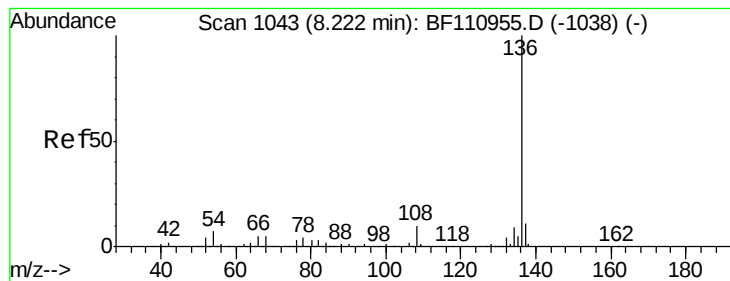
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tgt Ion:136 Resp: 171747

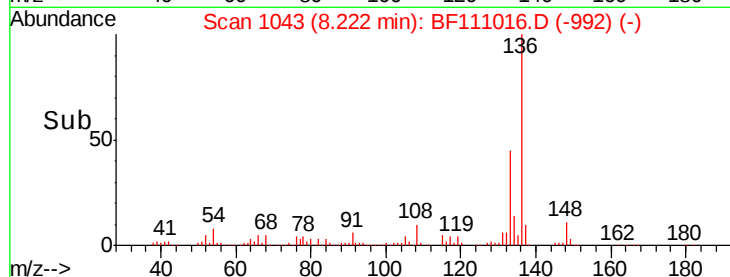
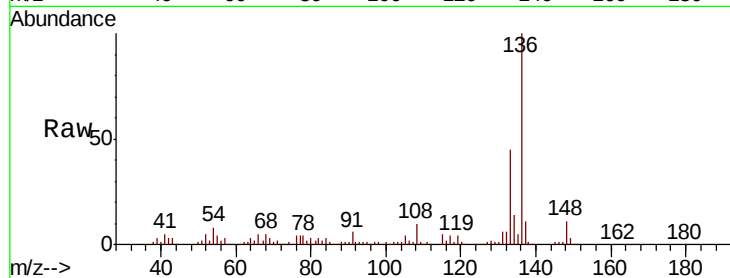
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.5 5.4 8.2#

68 5.0 4.2 6.2

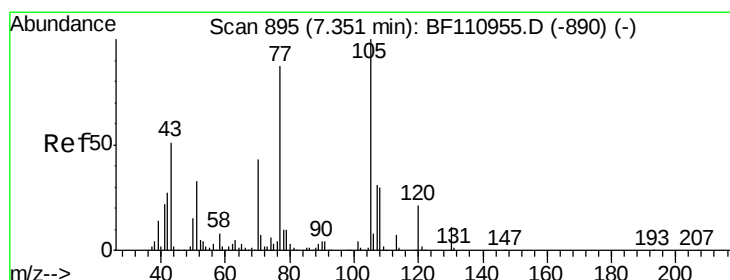
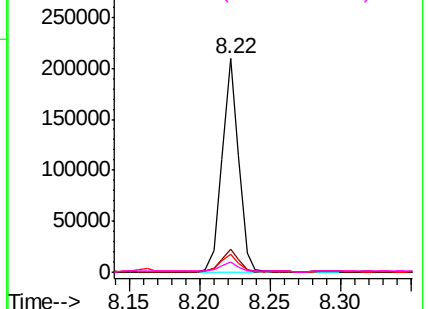


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.748 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Tgt Ion:105 Resp: 196245

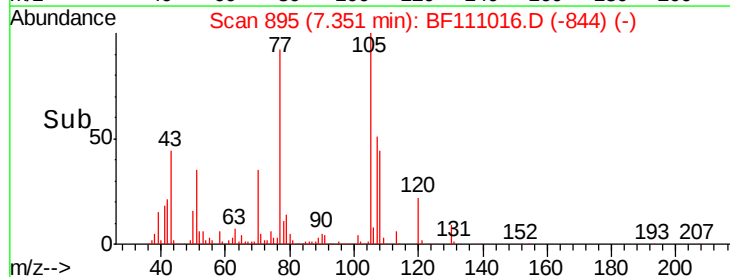
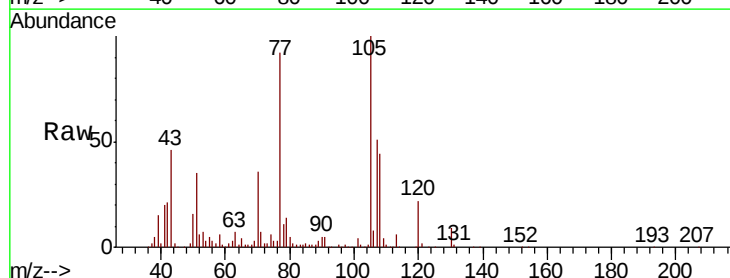
Ion Ratio Lower Upper

105 100

71 6.8 5.2 7.8

51 35.3 21.8 32.8#

120 21.5 17.0 25.4

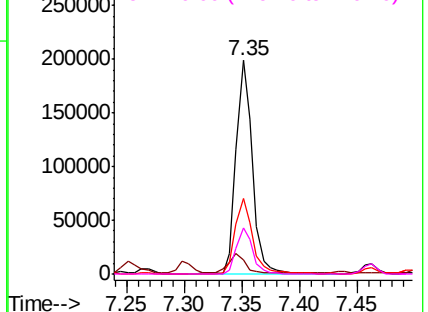


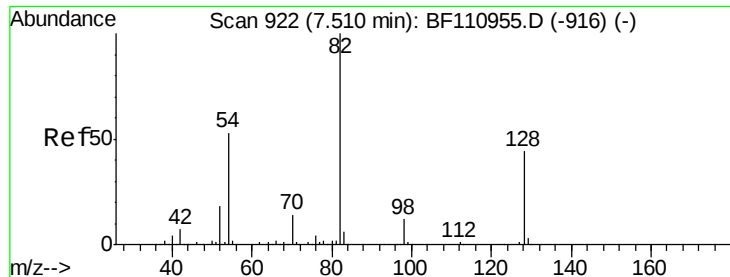
Abundance Ion 105.00 (104.70 to 105.70): E

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

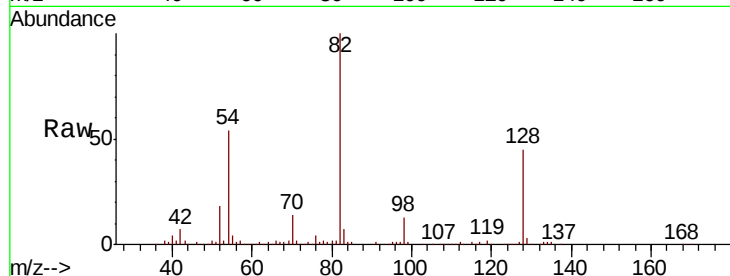




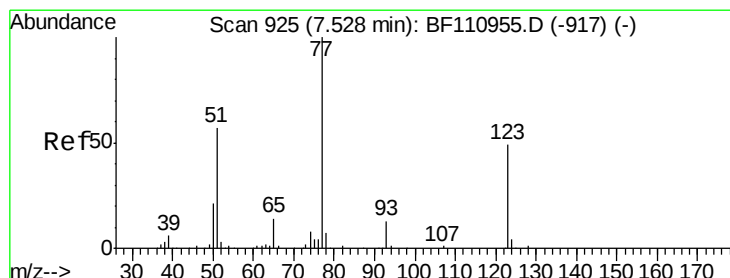
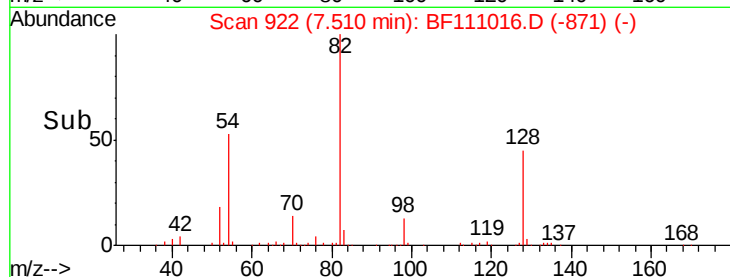
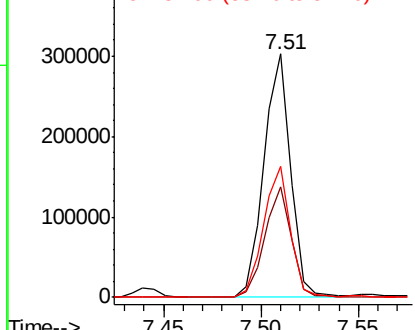
#23
 Nitrobenzene-d5
 Concen: 94.544 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	53.6	38.6	58.0

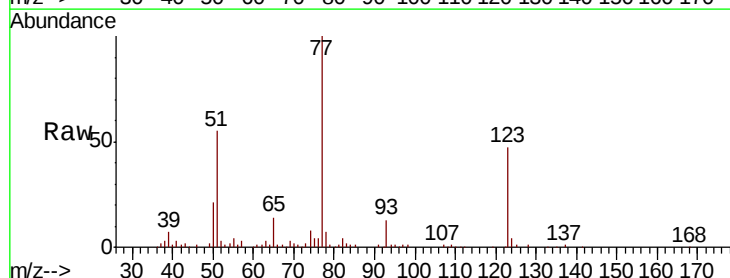


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

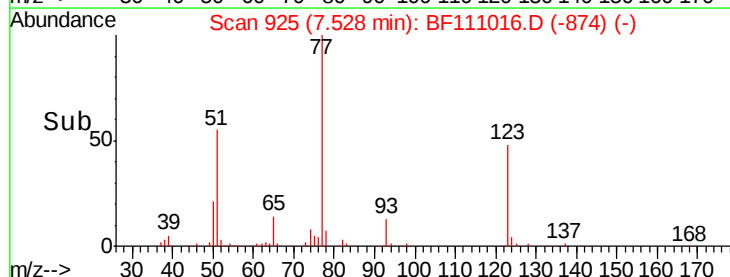
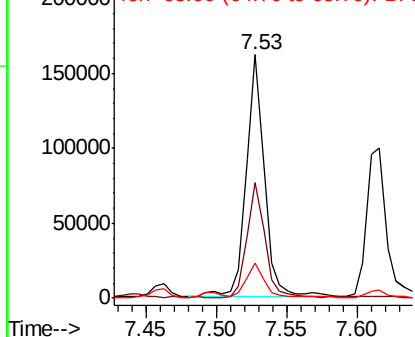


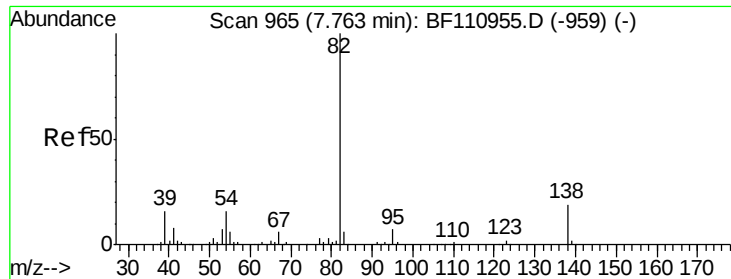
#24
 Nitrobenzene
 Concen: 47.075 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.7	53.5
65	14.4	10.7	16.1



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

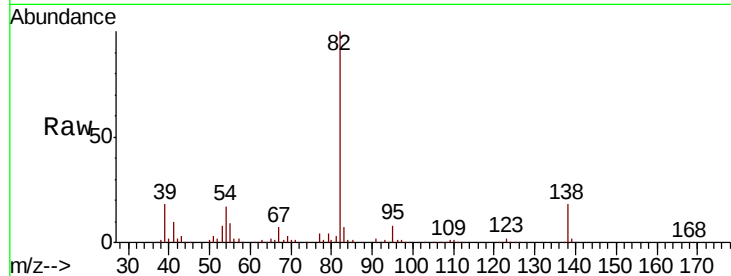




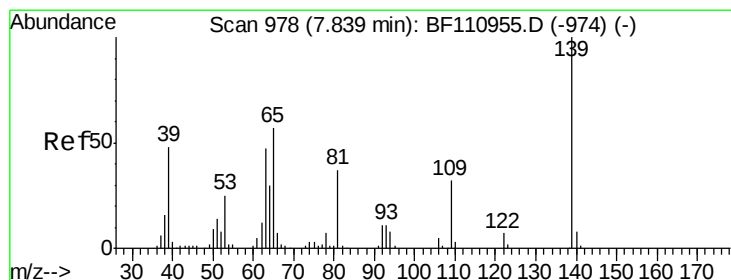
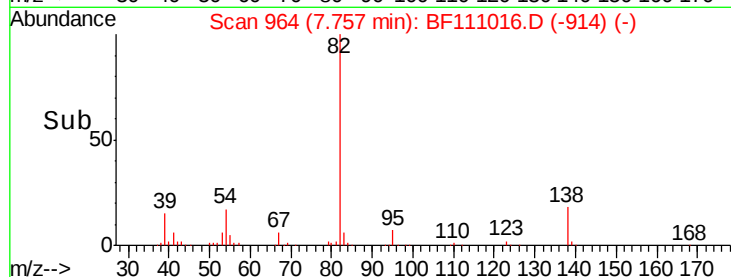
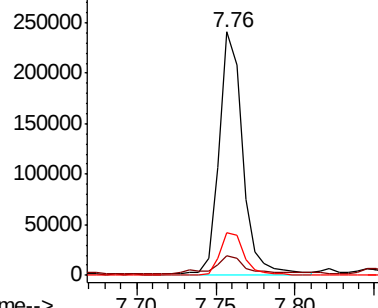
#25
Isophorone
Concen: 50.281 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion: 82 Resp: 247516
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 17.5 13.2 19.8

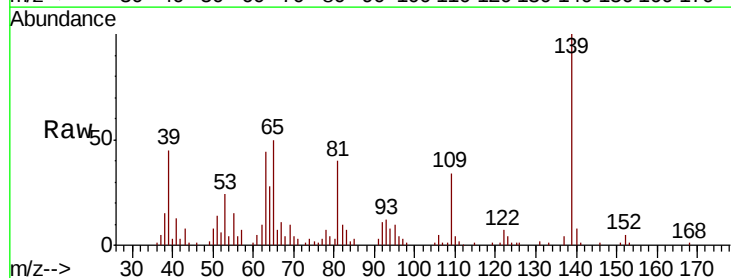


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

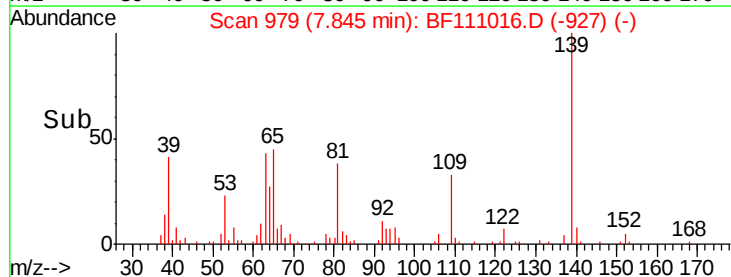
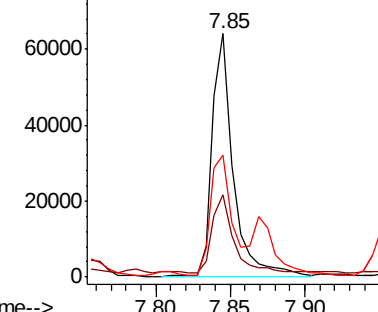


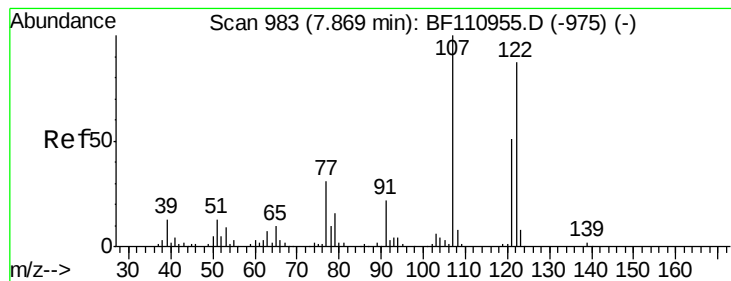
#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion: 139 Resp: 64169
Ion Ratio Lower Upper
139 100
109 33.9 25.0 37.6
65 50.3 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.789 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

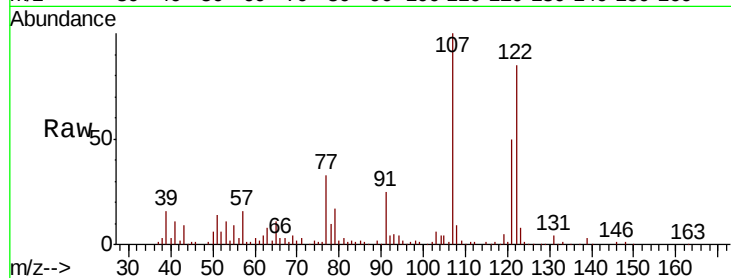
Tgt Ion:122 Resp: 123160

Ion Ratio Lower Upper

122 100

107 117.2 92.5 138.7

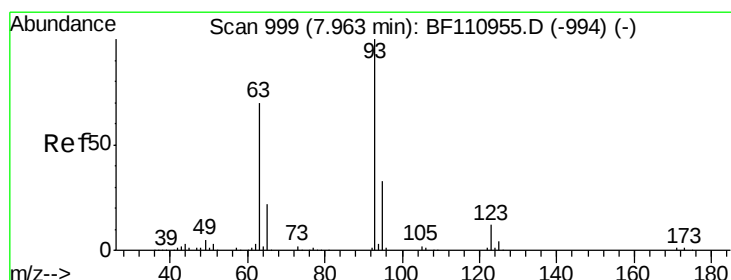
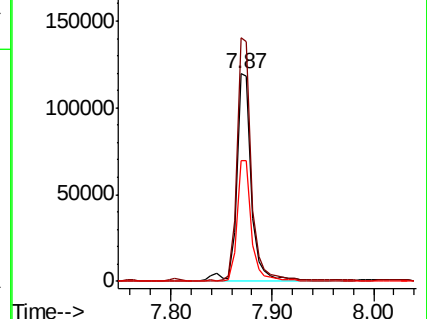
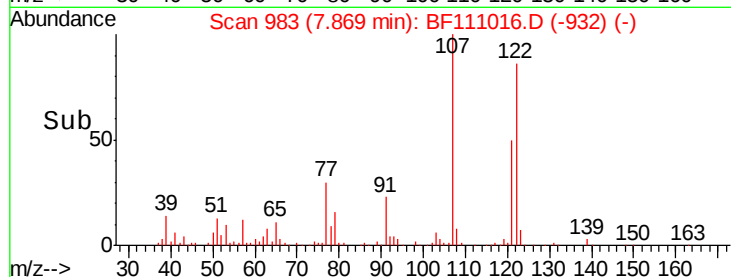
121 58.0 45.8 68.8



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: 47.076 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

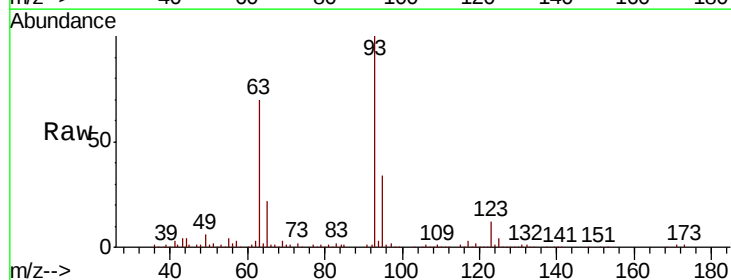
Tgt Ion: 93 Resp: 155249

Ion Ratio Lower Upper

93 100

95 34.2 26.4 39.6

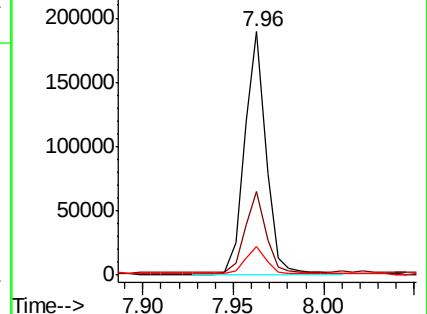
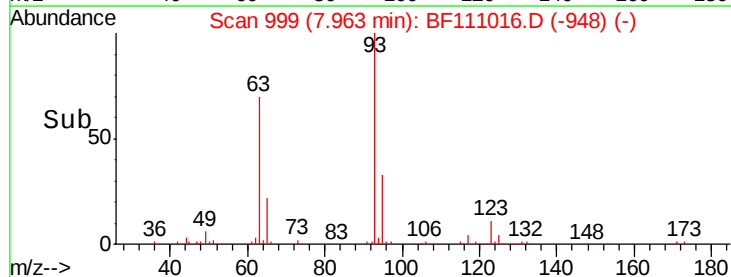
123 11.7 9.0 13.6

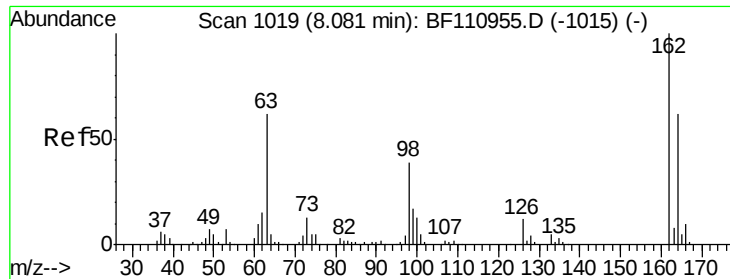


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

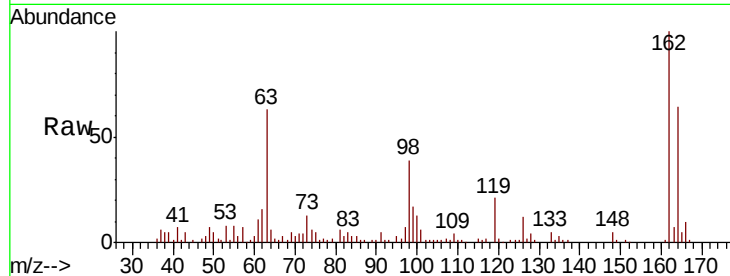




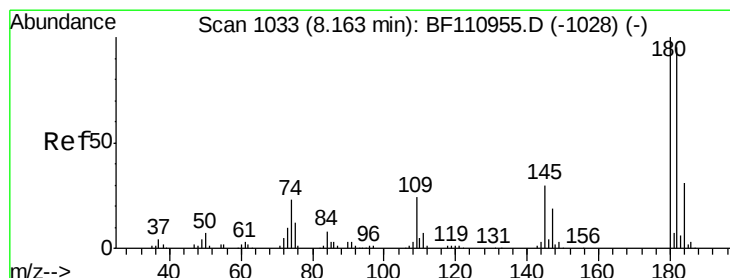
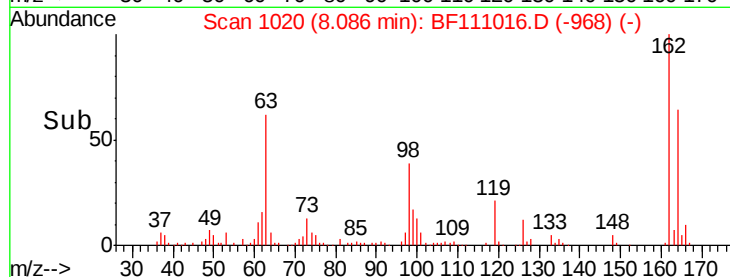
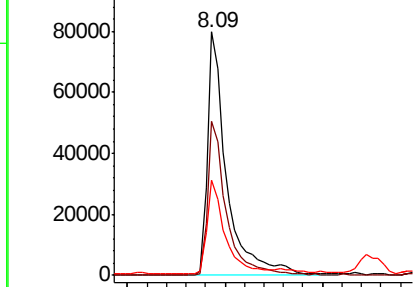
#29
 2,4-Dichlorophenol
 Concen: 45.693 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion:162 Resp: 109479
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 39.3 17.4 57.4

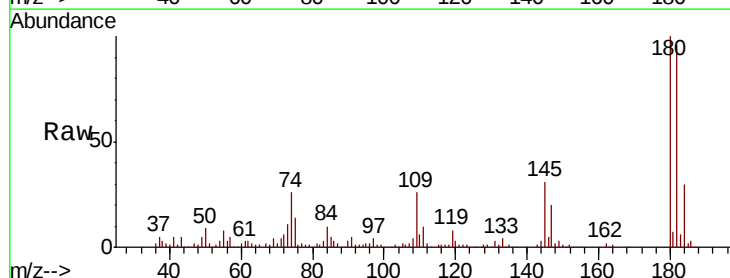


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

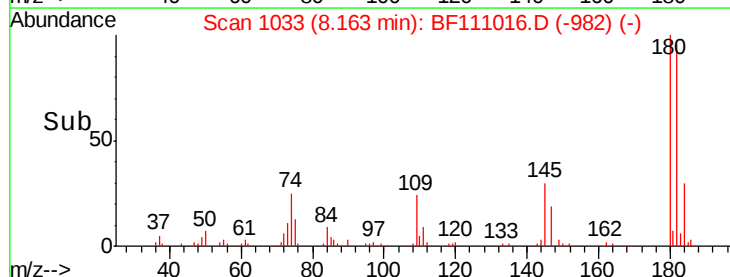
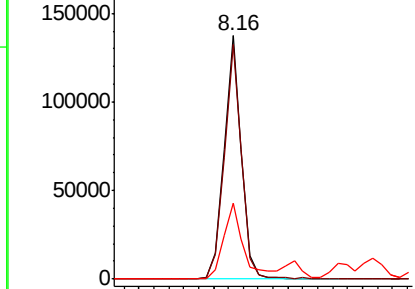


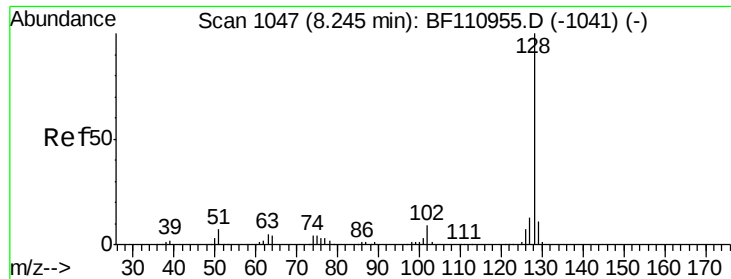
#30
 1,2,4-Trichlorobenzene
 Concen: 41.939 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:180 Resp: 112611
 Ion Ratio Lower Upper
 180 100
 182 96.4 80.3 120.5
 145 31.2 25.4 38.0



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

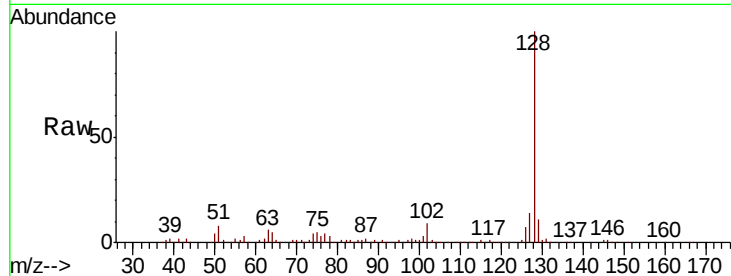




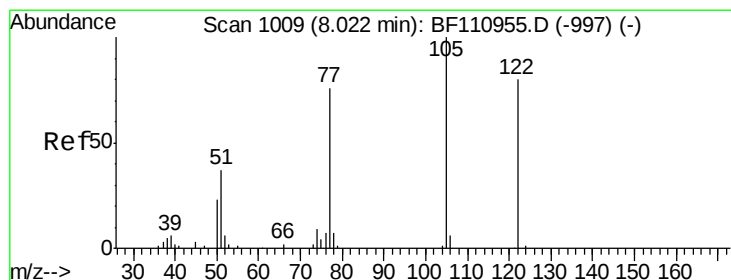
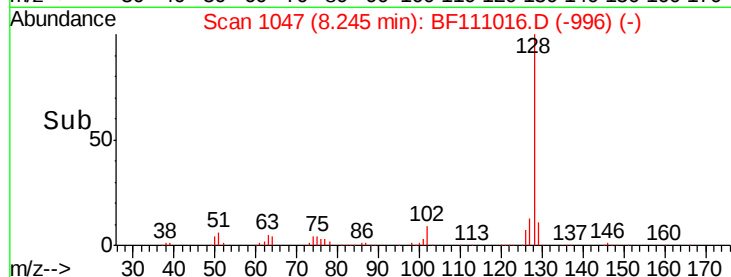
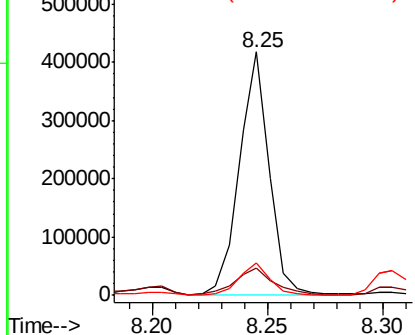
#31
Naphthalene
Concen: 46.133 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion:128 Resp: 371406
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.8 16.2

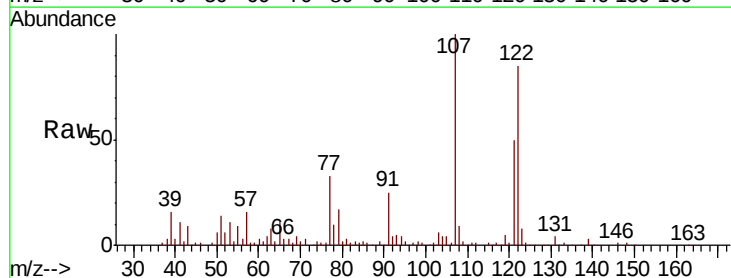


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

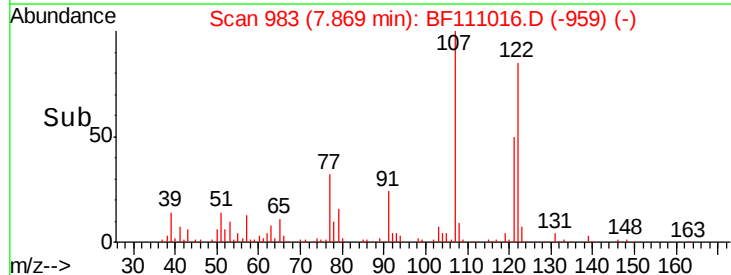
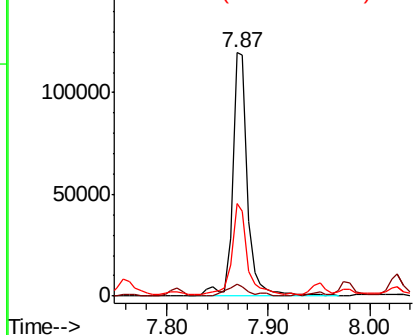


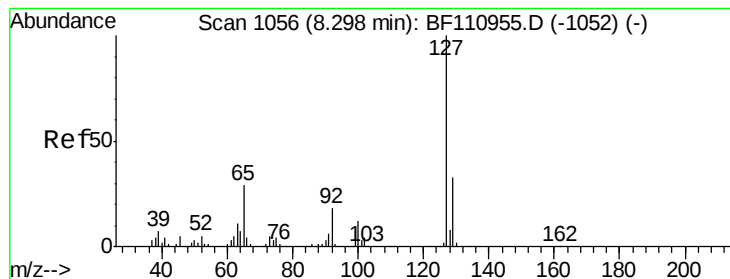
#32
Benzoic acid
Concen: 72.348 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.16 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:122 Resp: 123160
Ion Ratio Lower Upper
122 100
105 4.9 109.0 149.0#
77 38.3 79.0 119.0#



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: 17.366 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

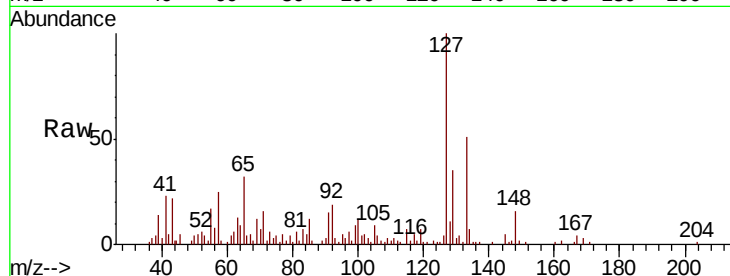
Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tgt Ion:	127	Resp:	59507
Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.0	39.0
65	32.1	25.1	37.7
92	19.2	15.0	22.6



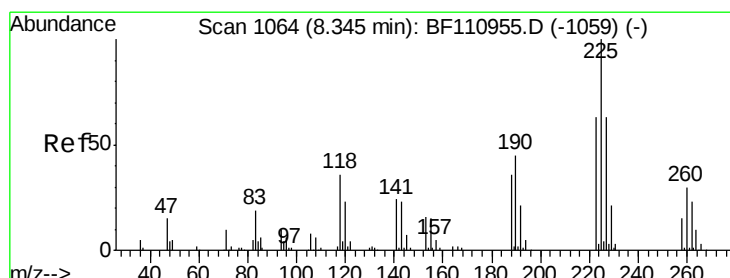
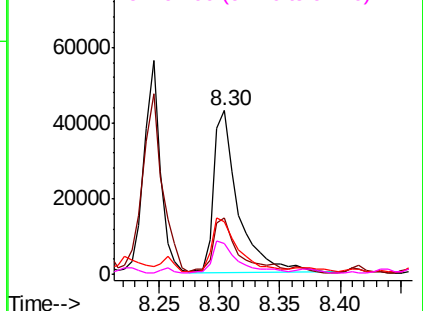
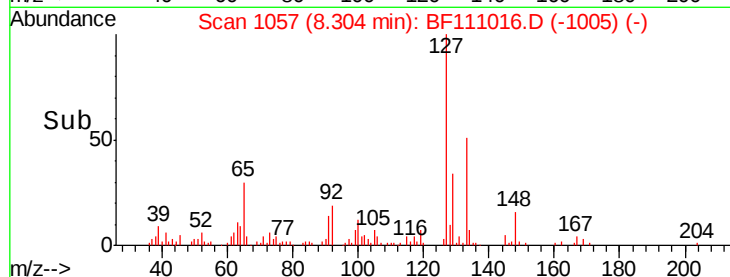
Abundance

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: 41.977 ng

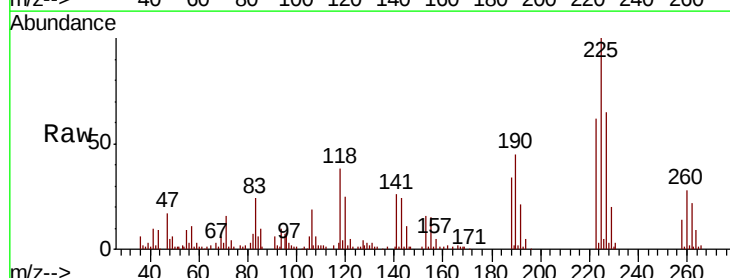
RT: 8.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Tgt Ion:	225	Resp:	64198
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.4	77.2
227	64.7	51.0	76.6

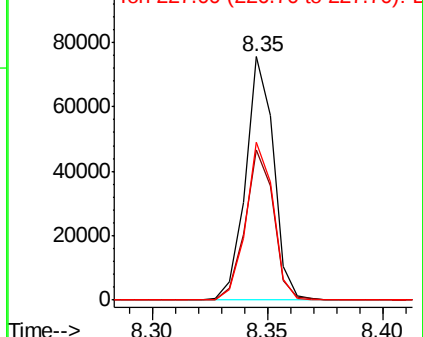
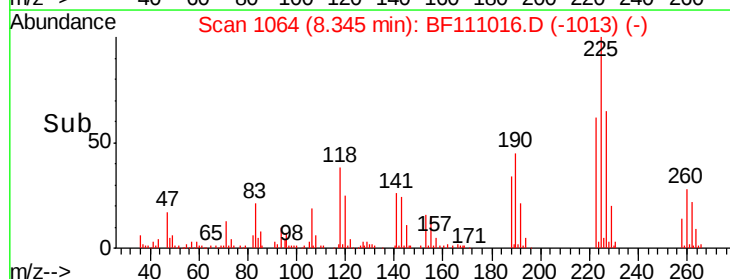


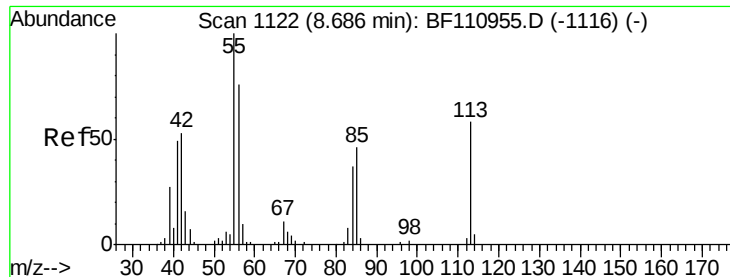
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

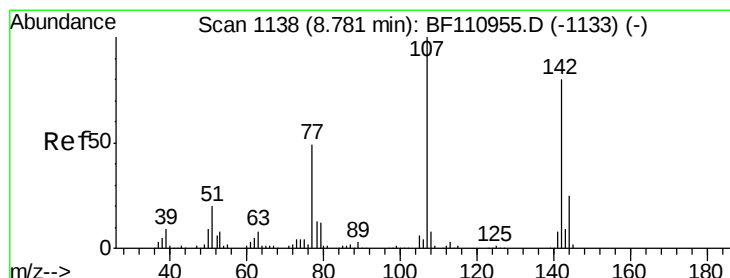
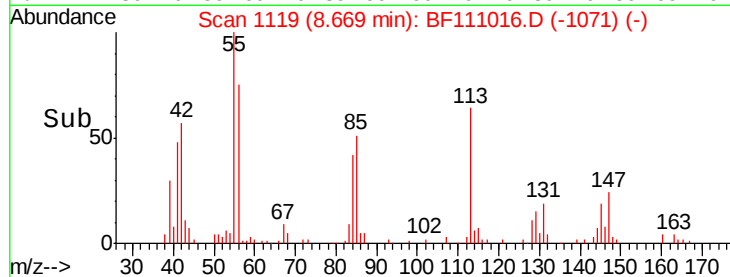
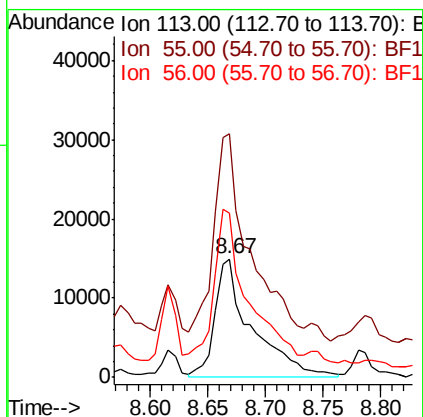
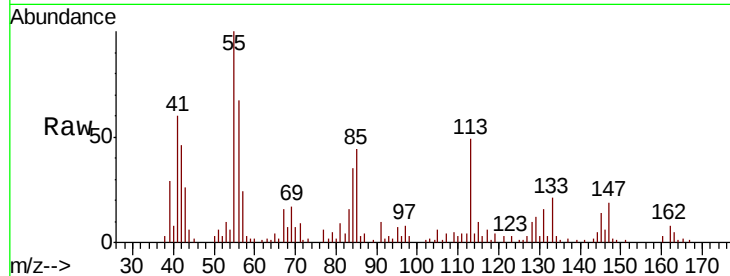




#35
 Caprolactam
 Concen: 40.930 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

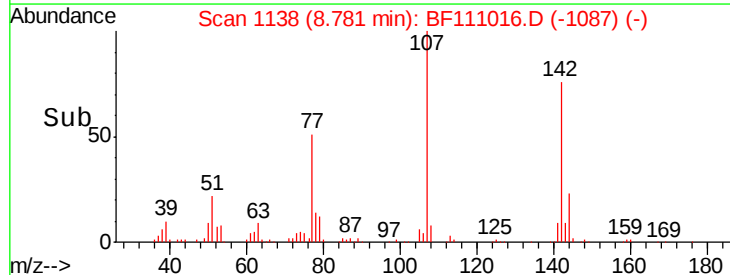
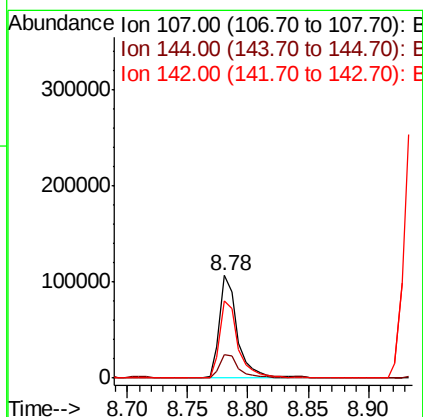
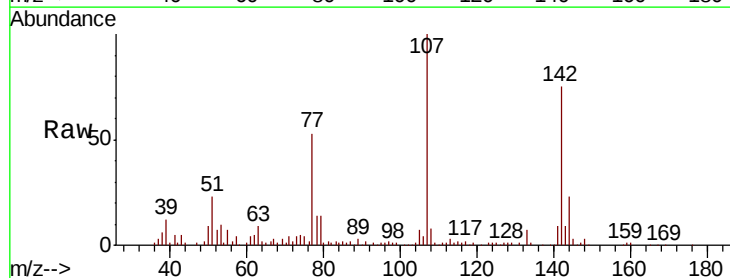
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

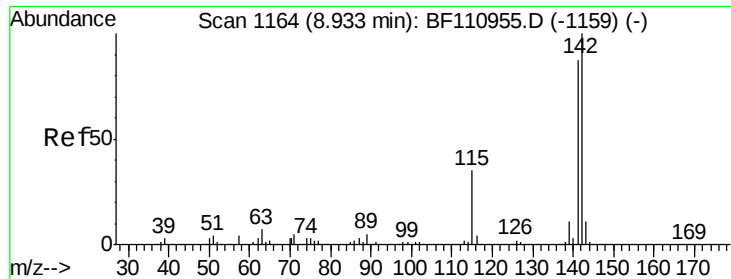
Tgt Ion:113 Resp: 33480
 Ion Ratio Lower Upper
 113 100
 55 205.6 142.8 182.8#
 56 138.4 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.716 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:107 Resp: 108393
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.0 30.0
 142 75.4 59.7 89.5

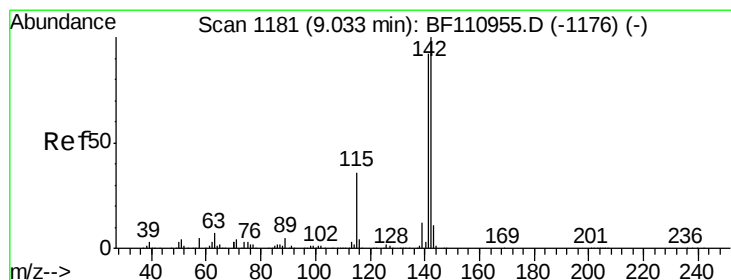
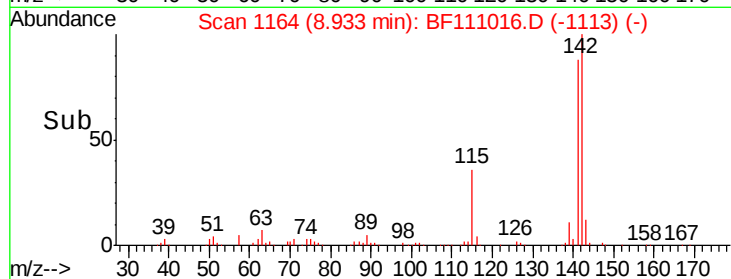
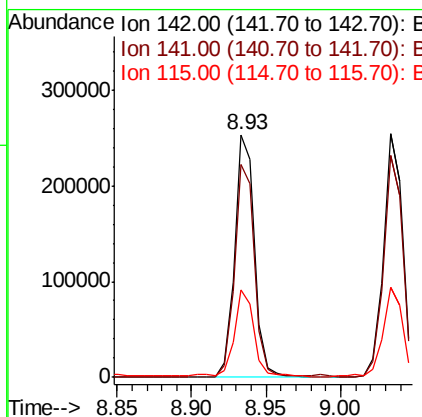
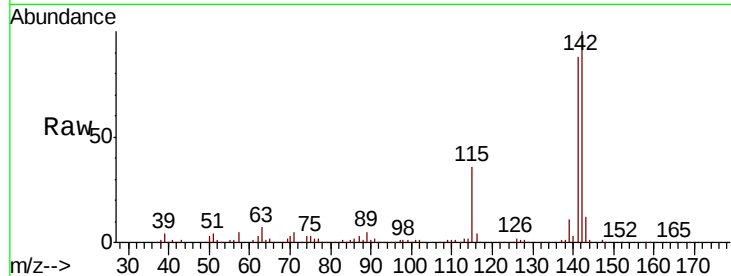




#37
2-Methylnaphthalene
Concen: 44.571 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

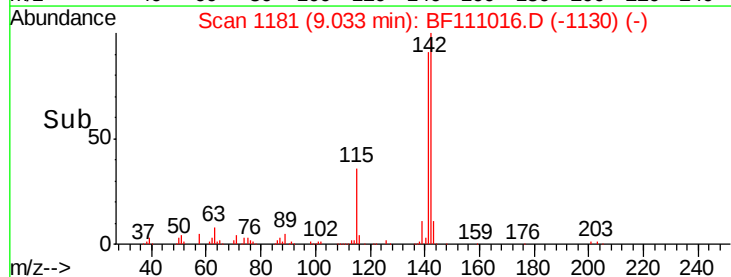
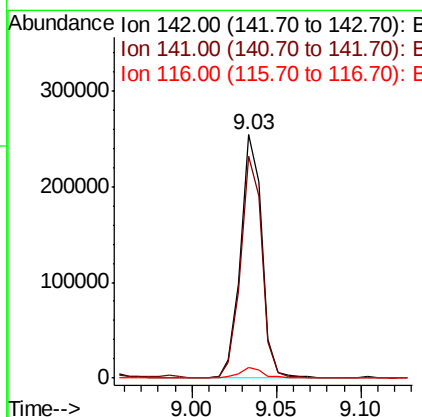
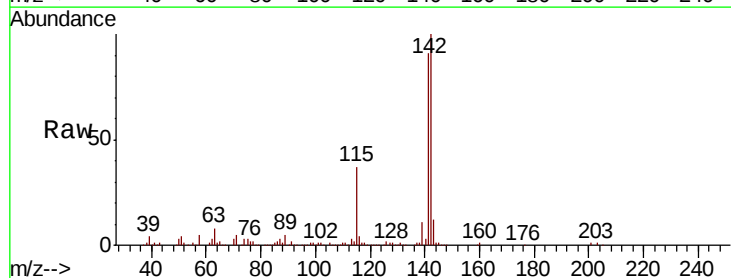
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

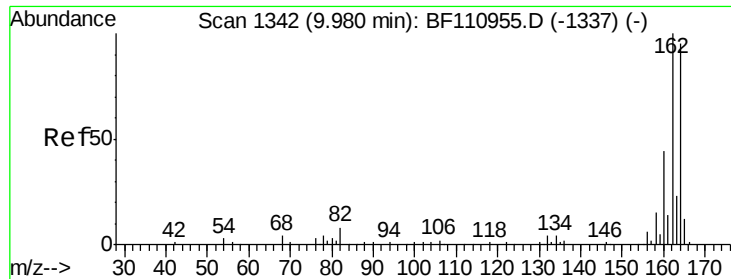
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	36.0	28.7	43.1



#38
1-Methylnaphthalene
Concen: 42.840 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	4.1	2.6	4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

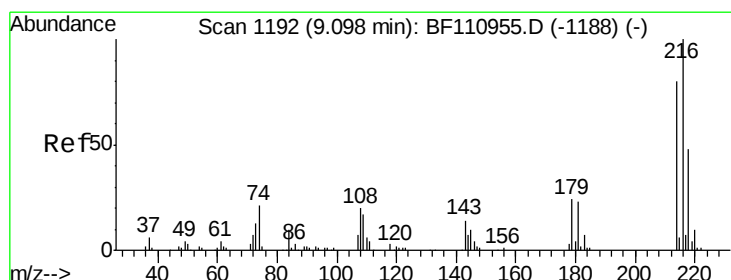
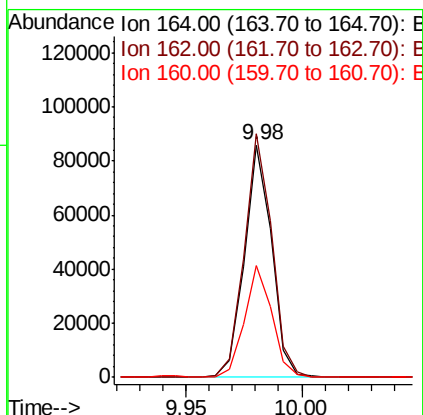
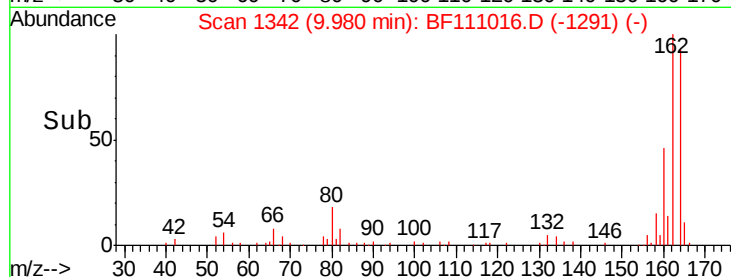
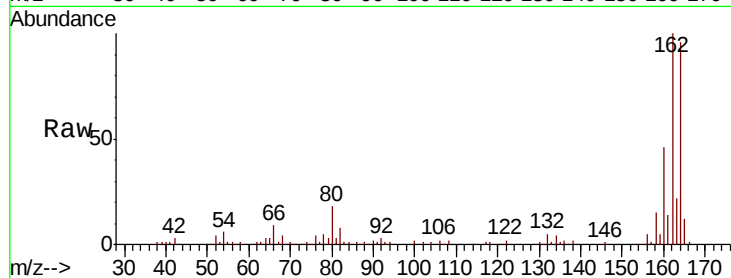
Tgt Ion:164 Resp: 70791

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

160 48.0 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.149 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Tgt Ion:216 Resp: 98315

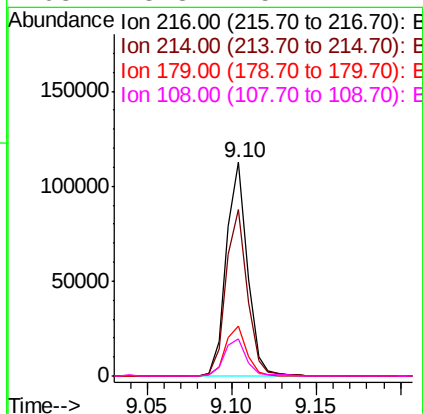
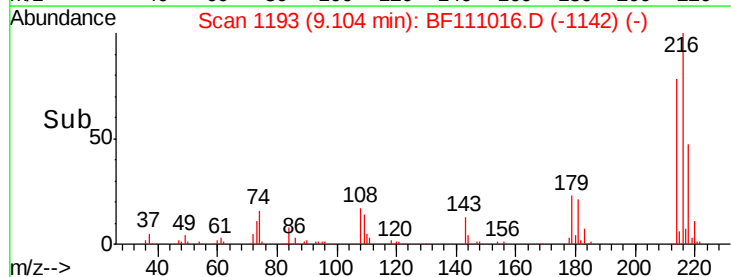
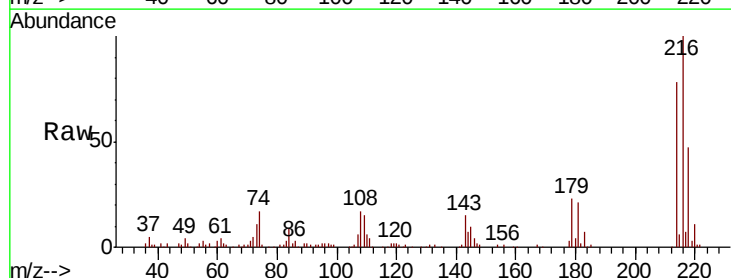
Ion Ratio Lower Upper

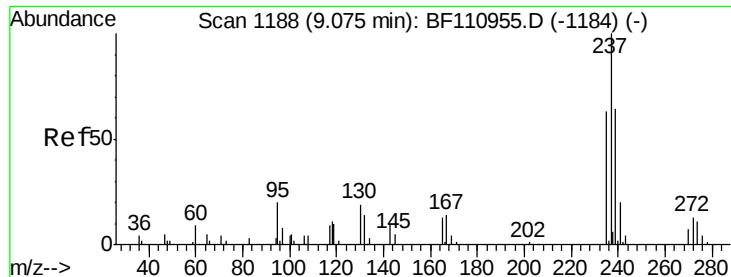
216 100

214 78.4 63.8 95.6

179 23.2 16.6 25.0

108 18.3 15.1 22.7

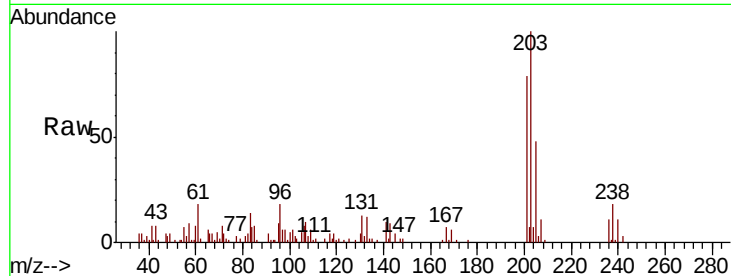




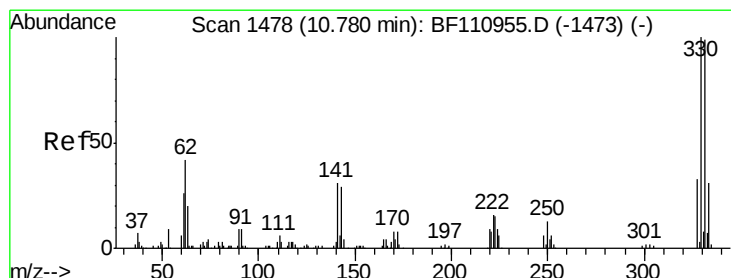
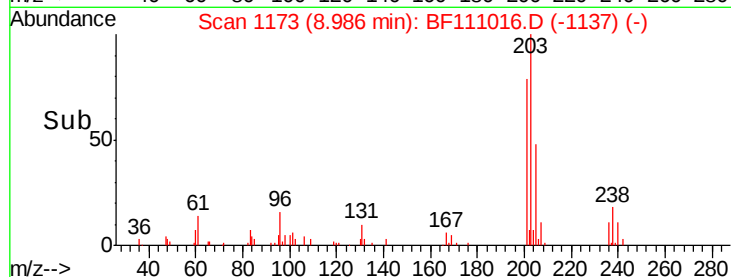
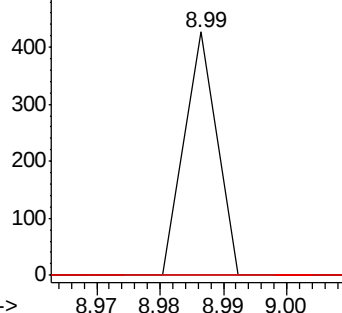
#41
Hexachlorocyclopentadiene
Concen: 10.793 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.09 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion: 237 Resp: 151
Ion Ratio Lower Upper
237 100
235 0.0 43.1 83.1#
272 0.0 0.0 32.6

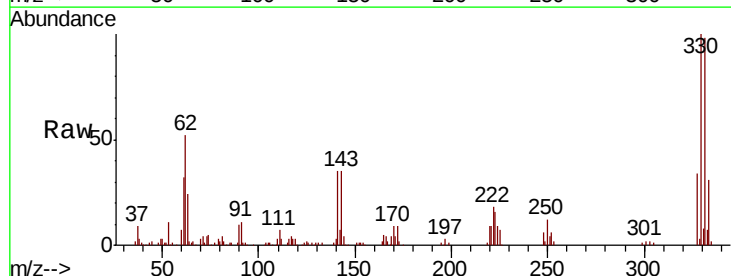


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

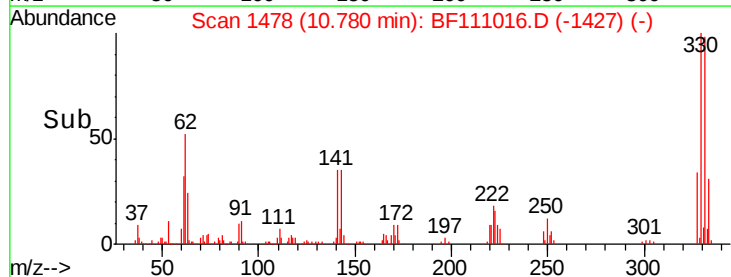
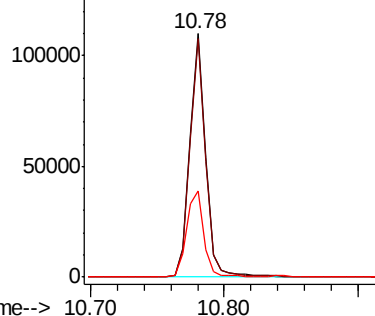


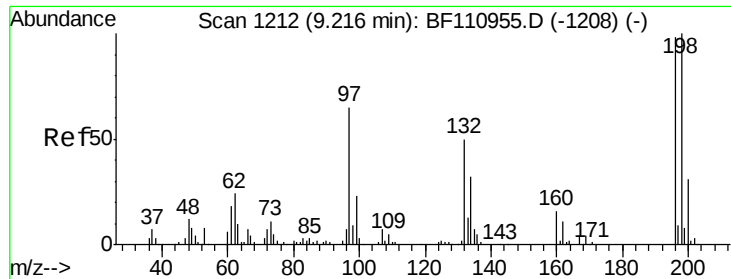
#42
2,4,6-Tribromophenol
Concen: 132.035 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion: 330 Resp: 92827
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 38.2 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

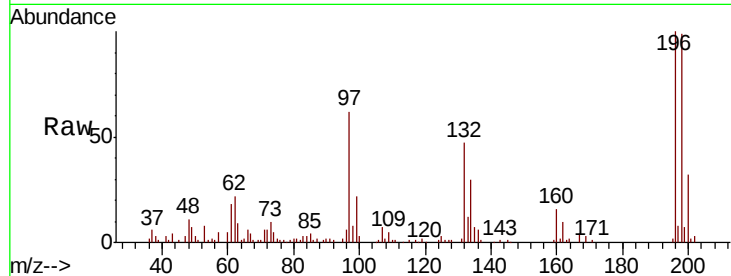




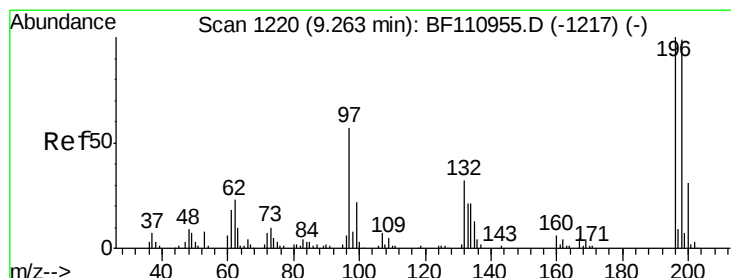
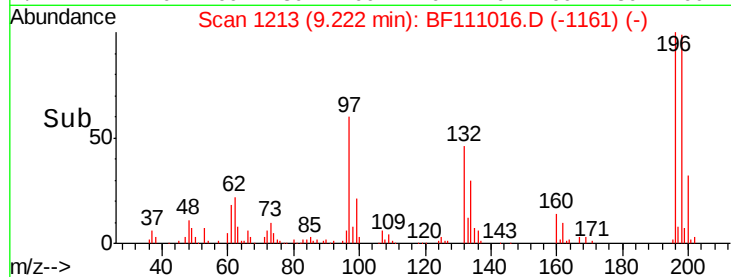
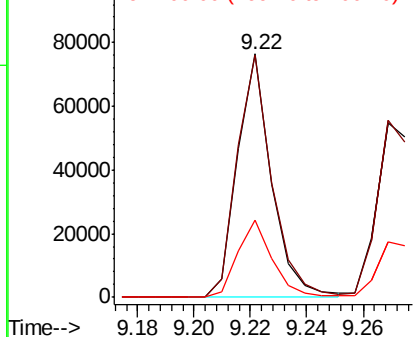
#43
 2,4,6-Trichlorophenol
 Concen: 48.154 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion:196 Resp: 64045
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.2 114.4
 200 31.5 24.4 36.6



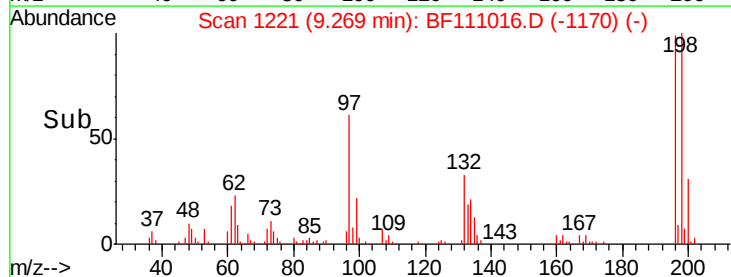
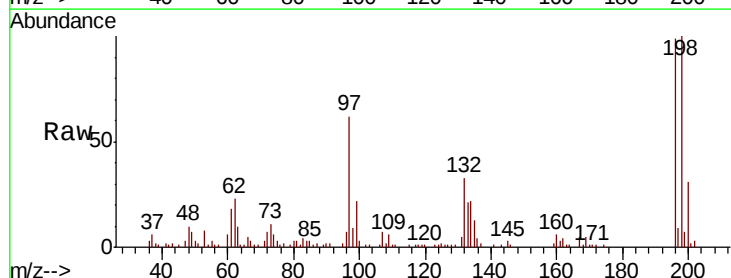
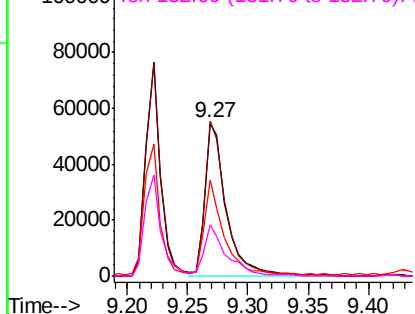
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

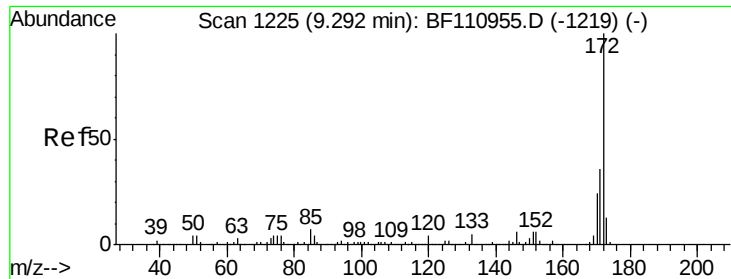


#44
 2,4,5-Trichlorophenol
 Concen: 48.003 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:196 Resp: 67225
 Ion Ratio Lower Upper
 196 100
 198 101.4 75.8 113.6
 97 63.0 42.4 63.6
 132 33.2 22.8 34.2

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

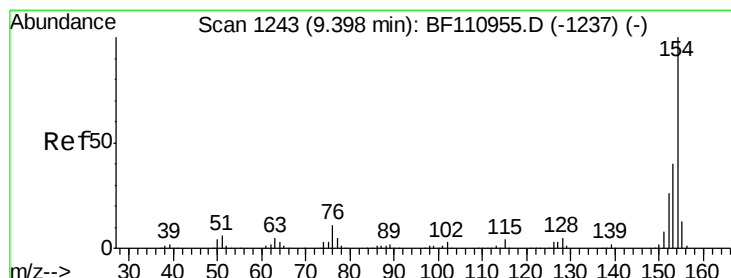
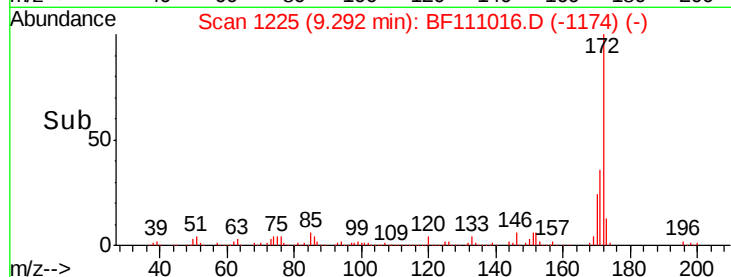
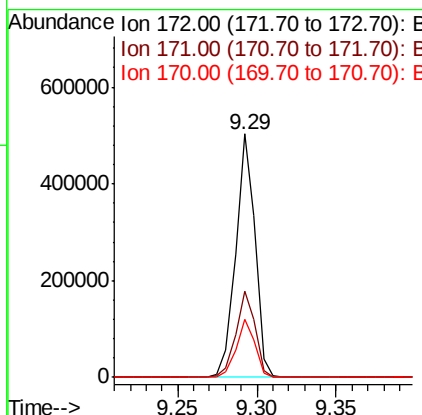
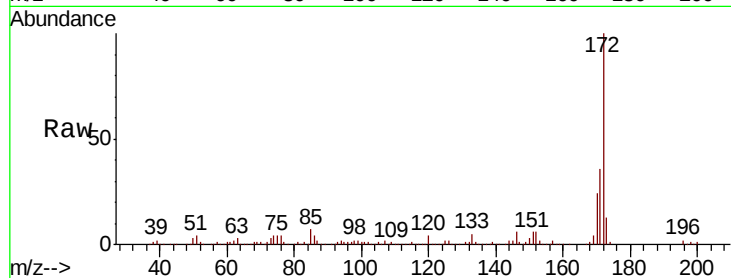




#45
2-Fluorobiphenyl
Concen: 86.794 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

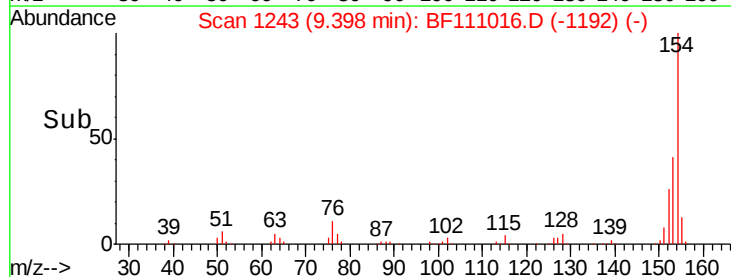
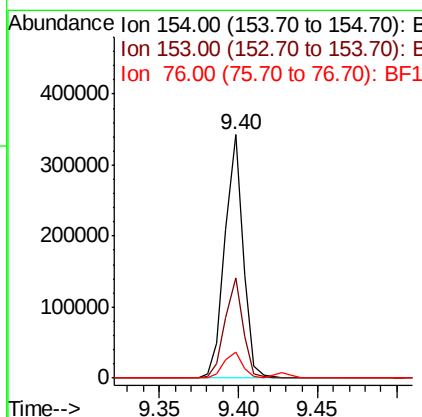
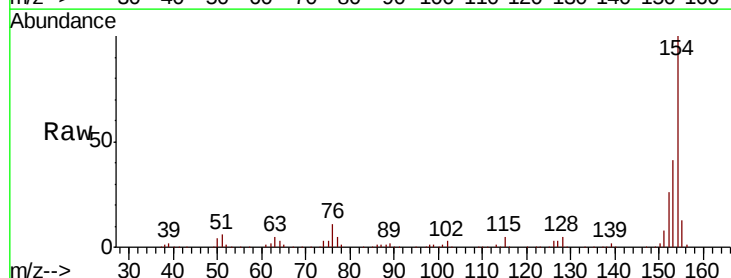
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

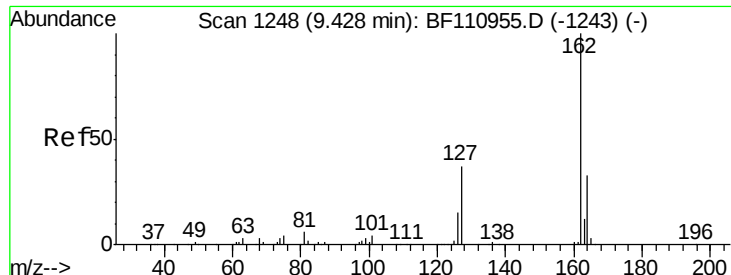
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.7	19.7	29.5



#46
1,1'-Biphenyl
Concen: 42.055 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	10.6	0.0	31.9

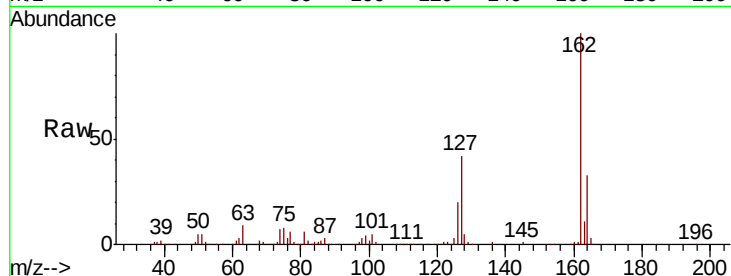




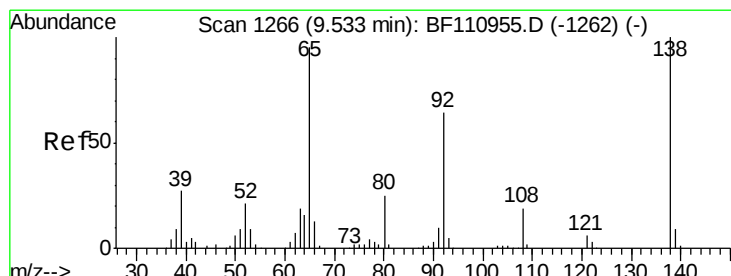
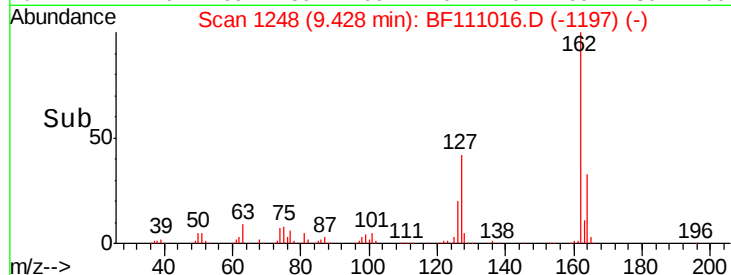
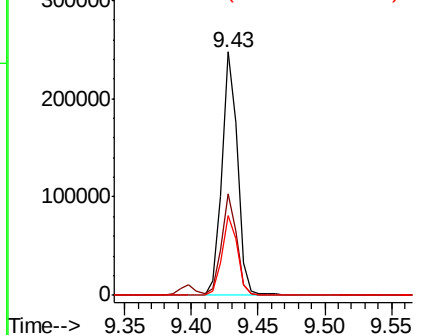
#47
 2-Chloronaphthalene
 Concen: 43.634 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion:	162	Resp:	206481
Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	32.5	25.9	38.9

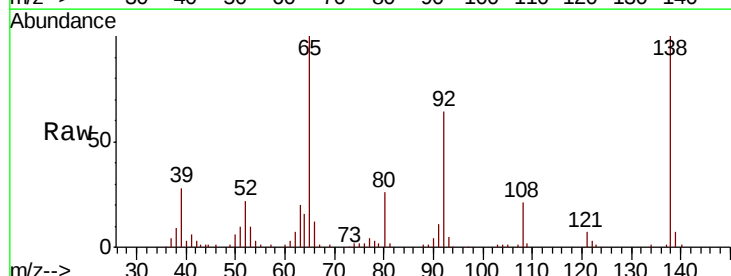


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

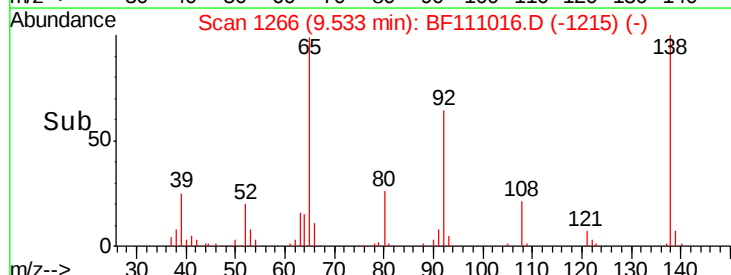
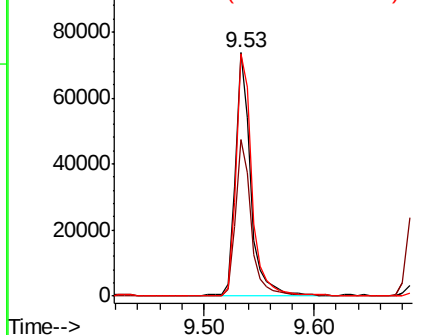


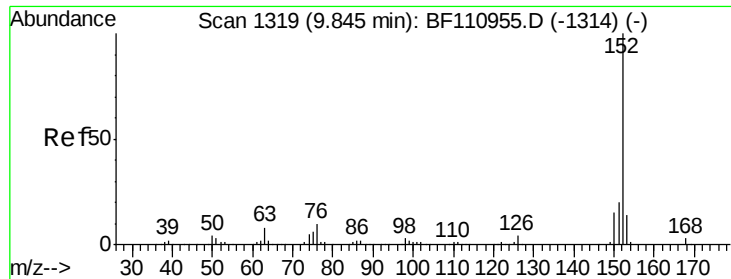
#48
 2-Nitroaniline
 Concen: 48.756 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:	65	Resp:	72165
Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.6	81.8
138	99.8	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.567 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

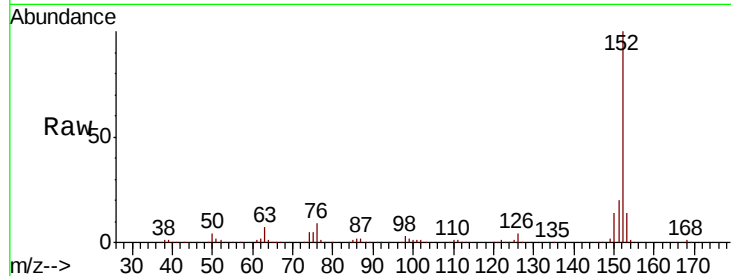
Tgt Ion:152 Resp: 313346

Ion Ratio Lower Upper

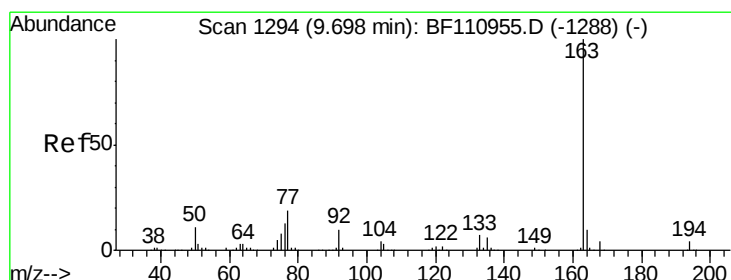
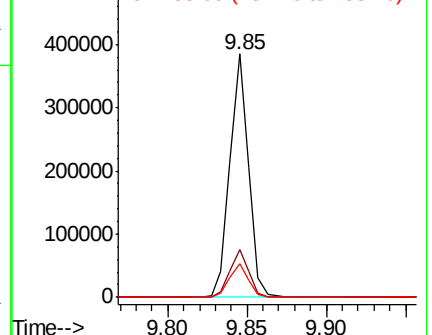
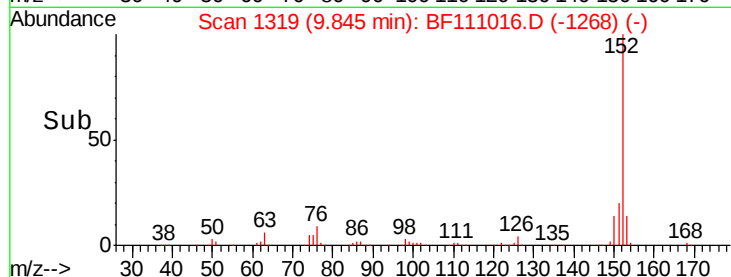
152 100

151 19.9 15.8 23.8

153 13.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.920 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

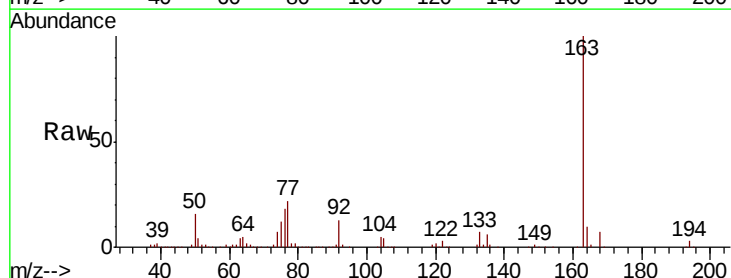
Tgt Ion:163 Resp: 279944

Ion Ratio Lower Upper

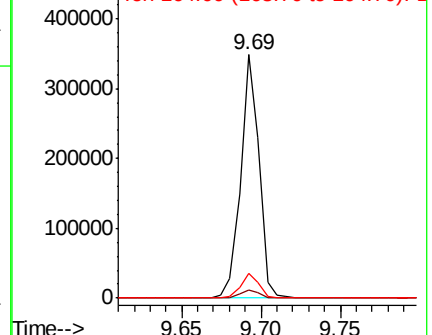
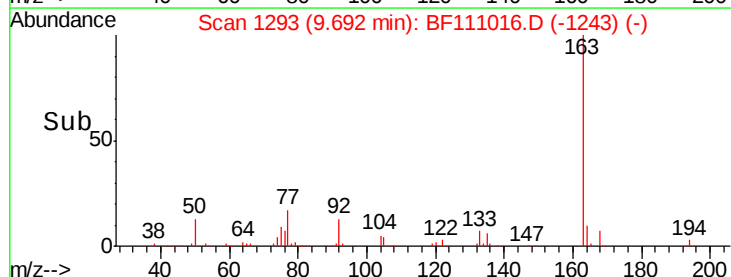
163 100

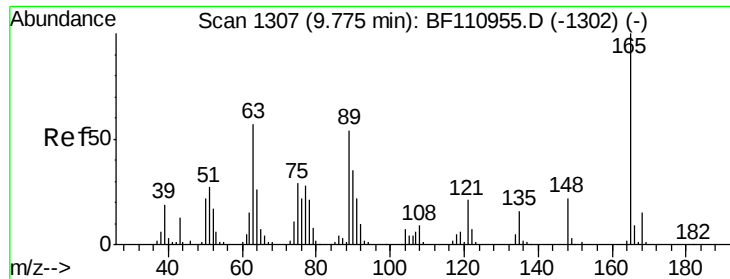
194 3.3 3.2 4.8

164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.379 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

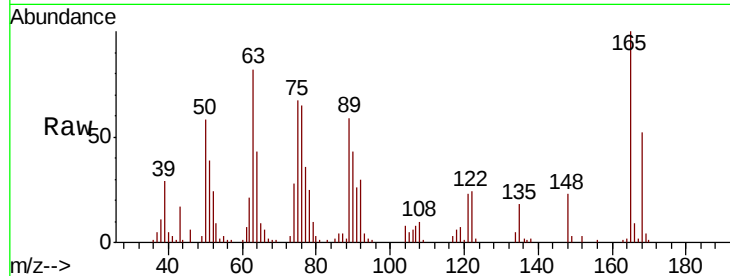
Tgt Ion:165 Resp: 47826

Ion Ratio Lower Upper

165 100

63 81.7 48.9 73.3#

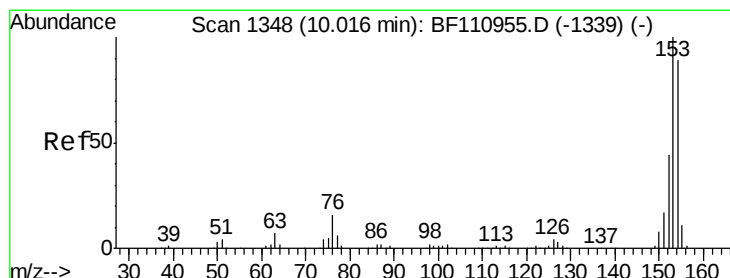
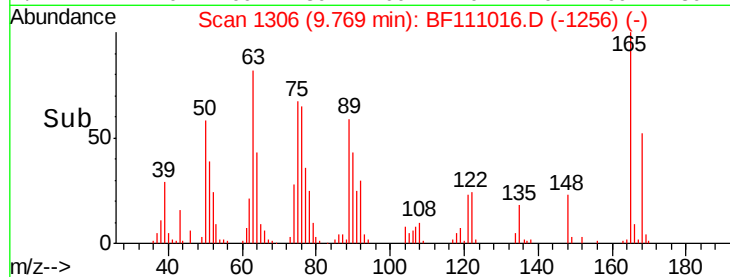
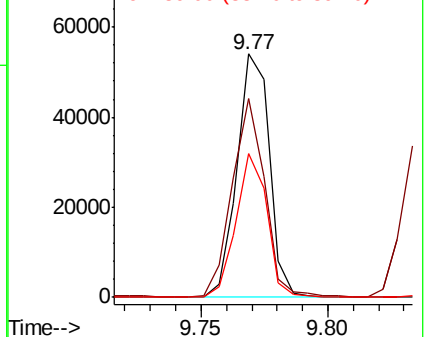
89 59.0 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.930 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

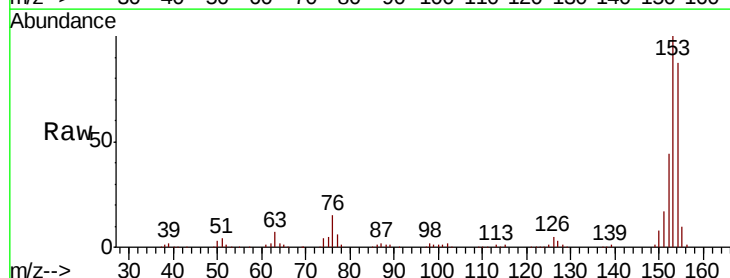
Tgt Ion:154 Resp: 185189

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

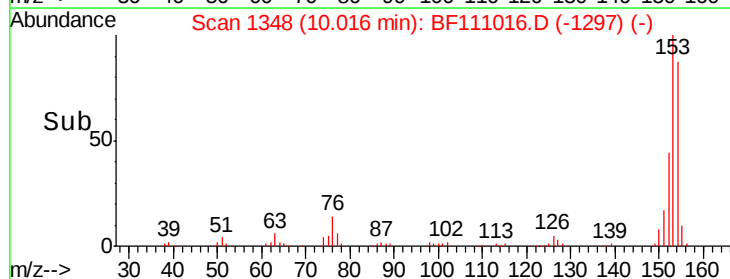
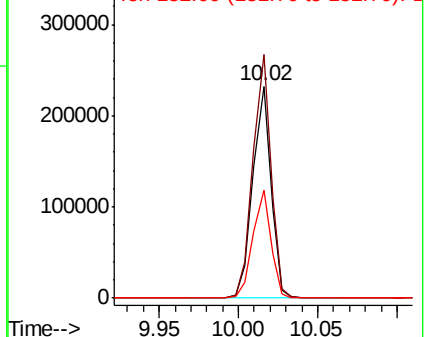
152 50.8 43.4 65.2

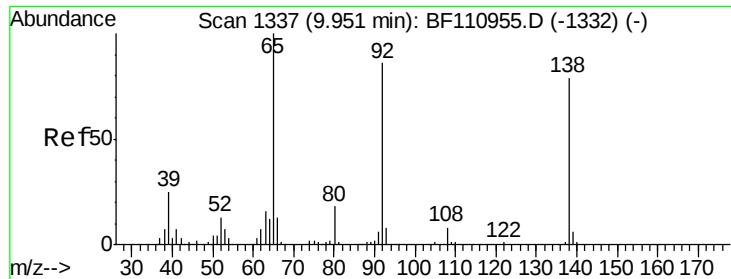


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

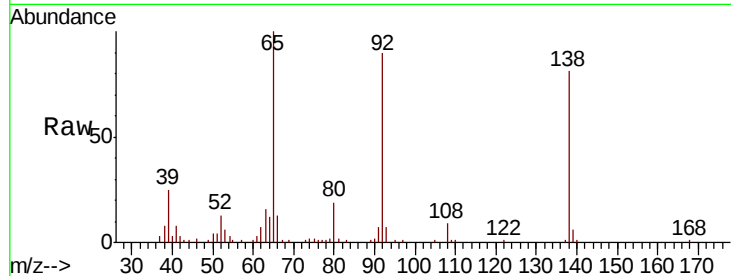




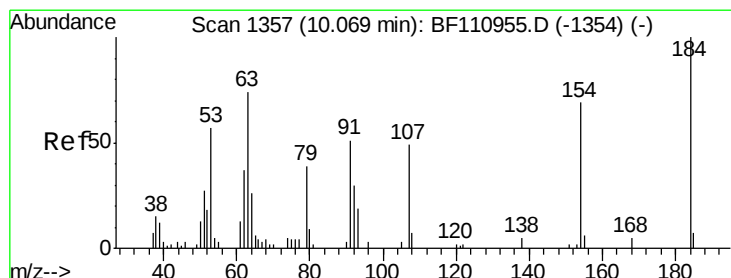
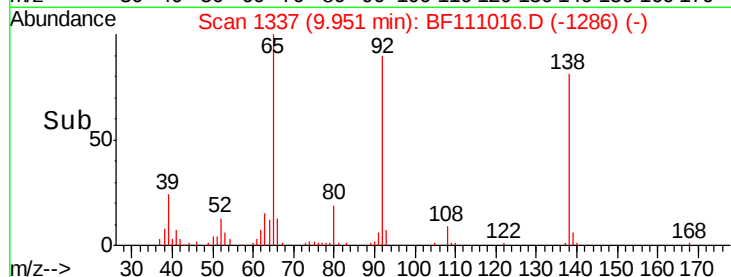
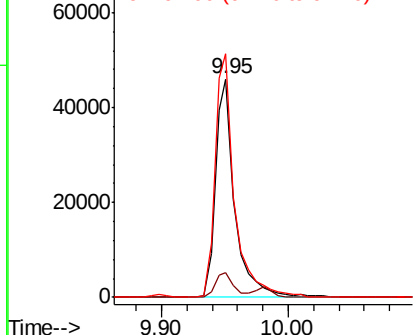
#53
3-Nitroaniline
Concen: 36.810 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion:138 Resp: 49587
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 111.4 97.0 145.4

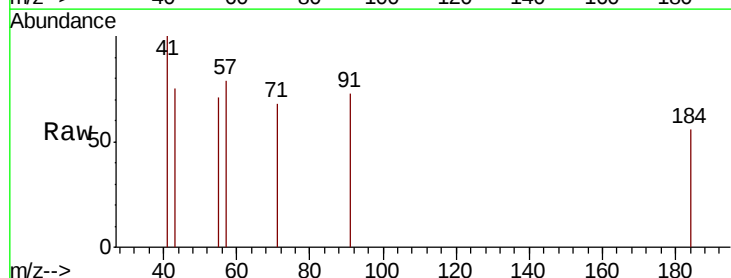


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

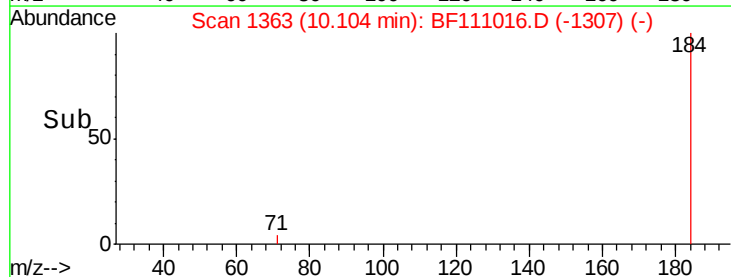
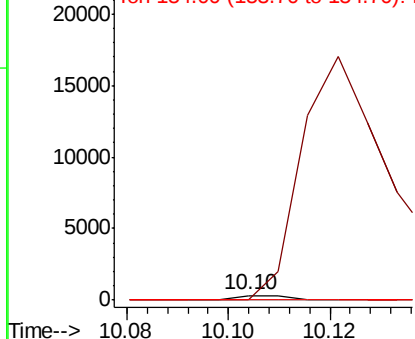


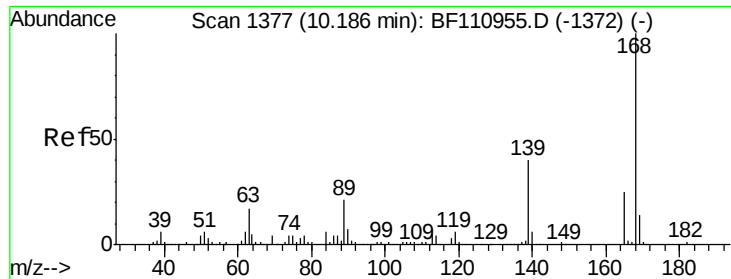
#54
2,4-Dinitrophenol
Concen: 4.231 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.03 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:184 Resp: 220
Ion Ratio Lower Upper
184 100
63 0.0 55.8 83.6#
154 0.0 63.2 94.8#



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

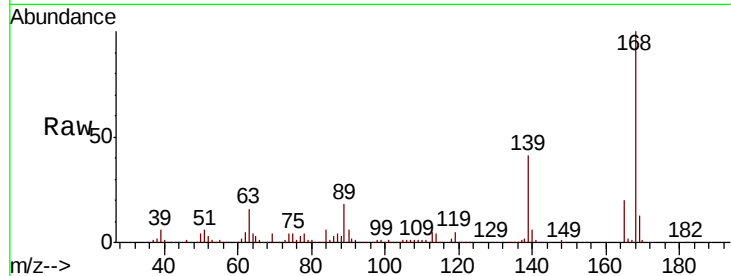




#55
Dibenzenofuran
Concen: 42.618 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.0	49.6
169	13.4	11.3	16.9

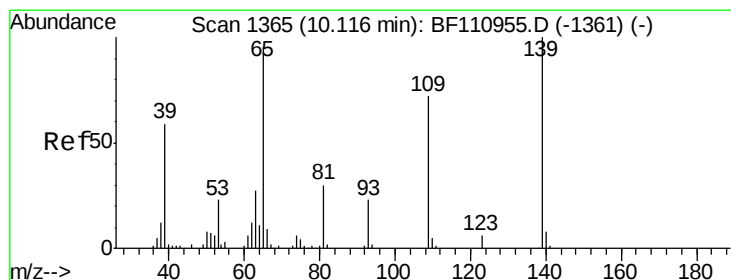
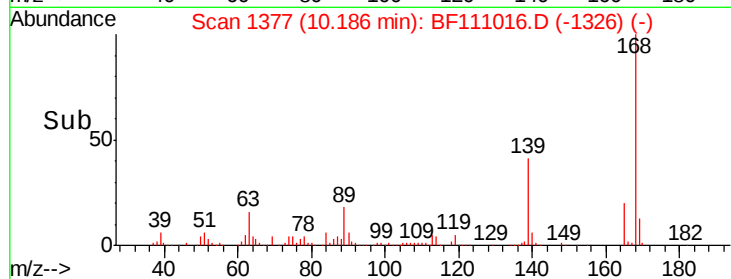
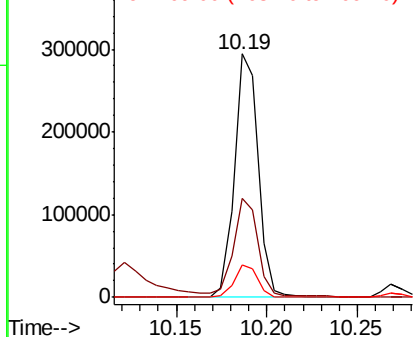


Abundance

Ion 168.00 (167.70 to 168.70): E

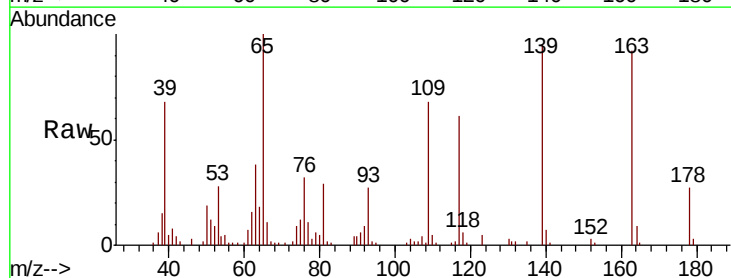
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.982 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	55.8	95.8
65	105.6	77.9	117.9

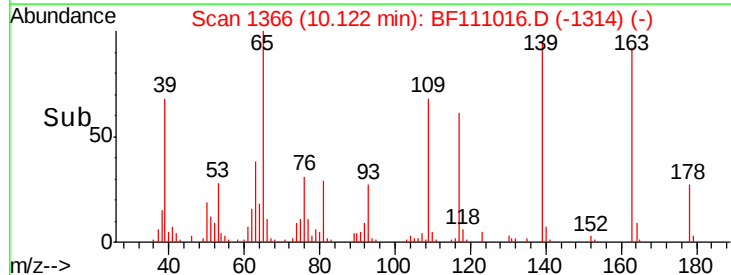
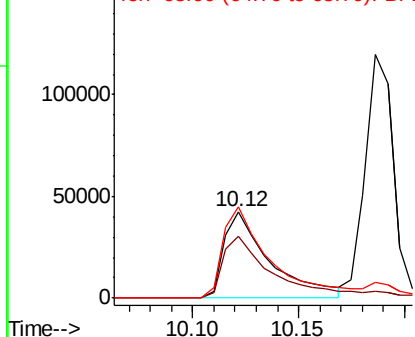


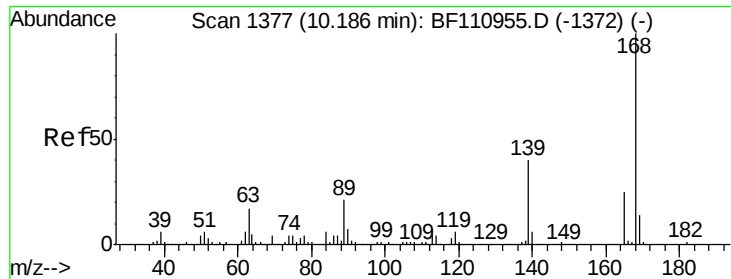
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

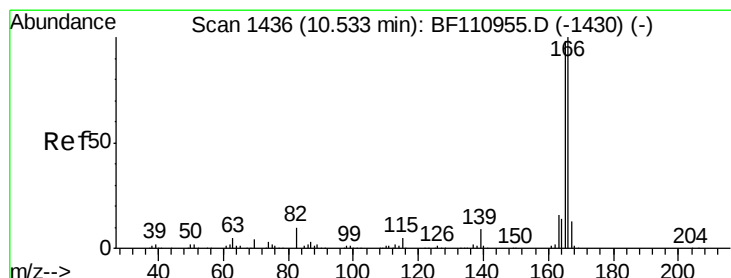
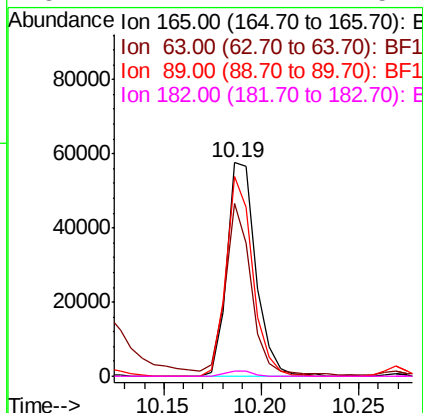
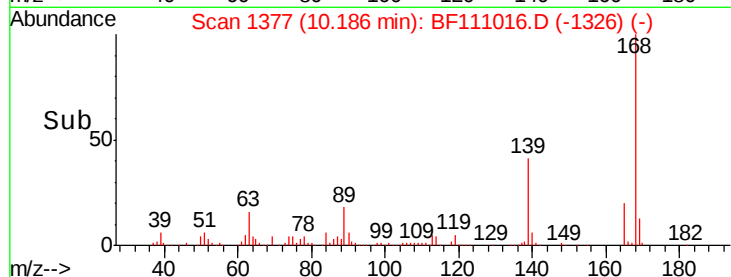
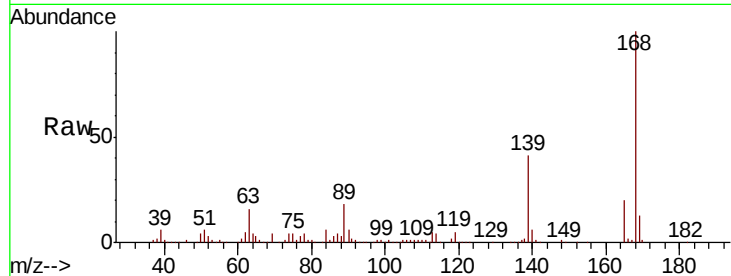




#57
2,4-Dinitrotoluene
Concen: 39.447 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

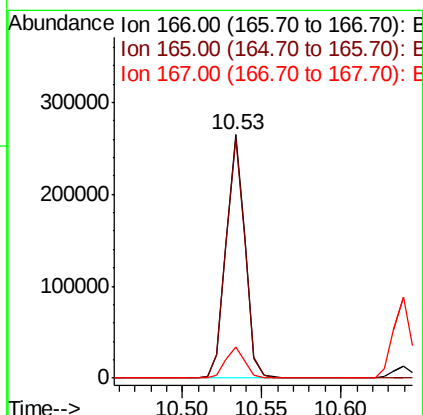
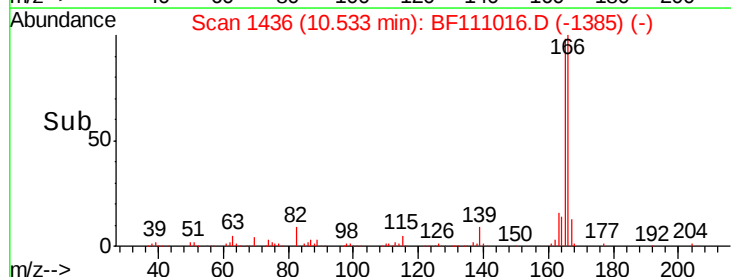
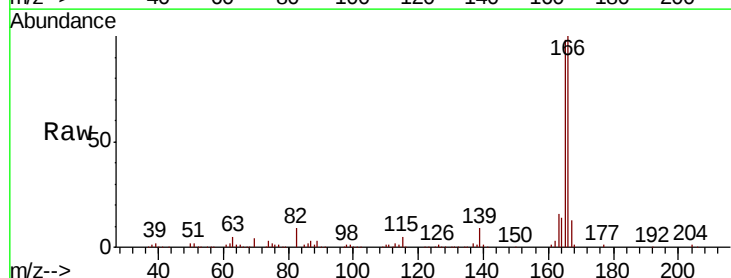
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

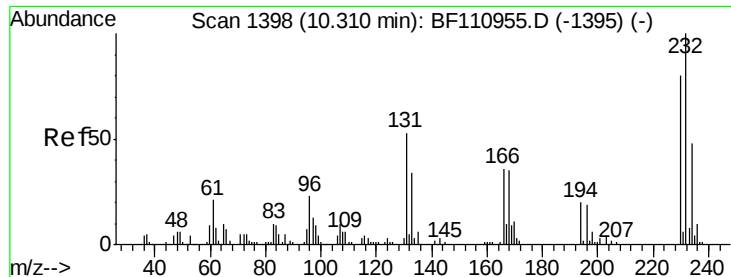
Tgt Ion:165 Resp: 59153
Ion Ratio Lower Upper
165 100
63 81.0 44.8 67.2#
89 93.3 62.2 93.4
182 2.4 2.1 3.1



#58
Fluorene
Concen: 44.492 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:166 Resp: 217847
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 12.9 10.8 16.2

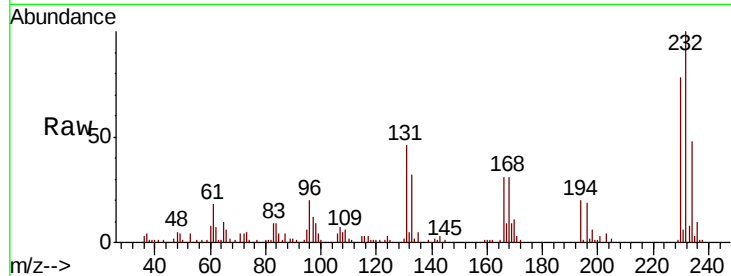




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.817 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.5	37.0	55.4
130	2.4	1.8	2.6
166	33.4	22.0	33.0



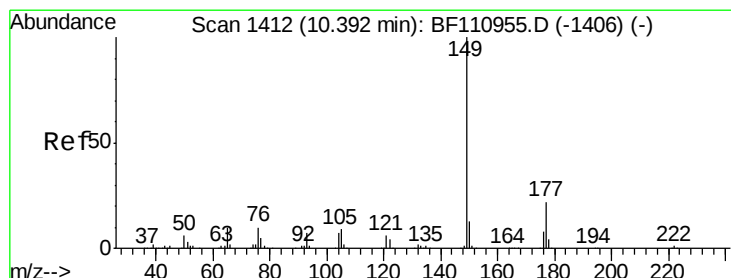
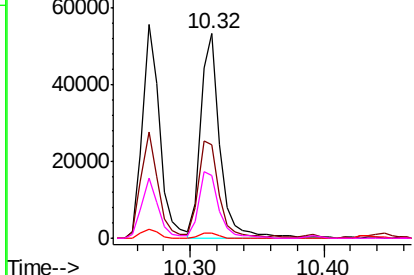
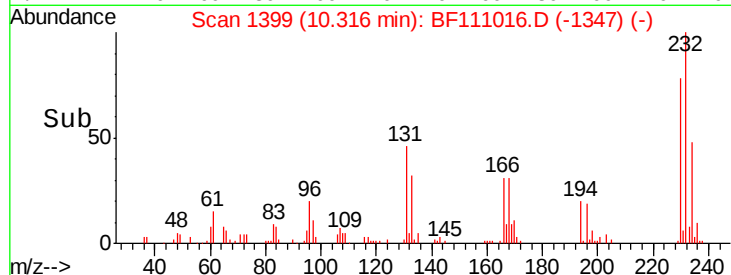
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

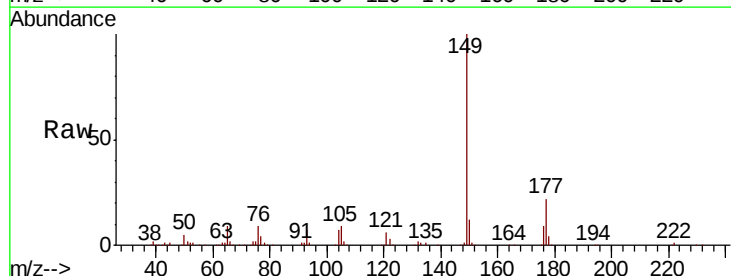
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.180 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.1	9.8	14.8

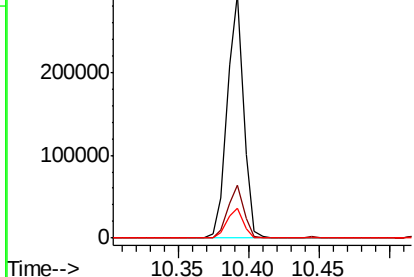
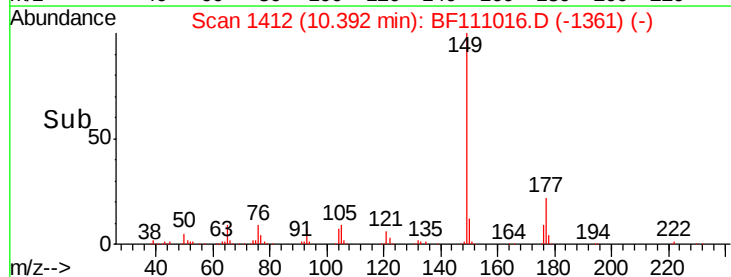


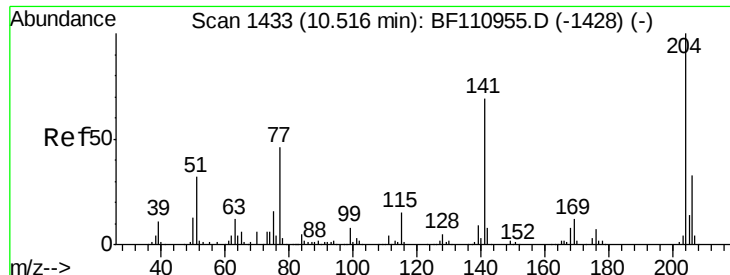
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

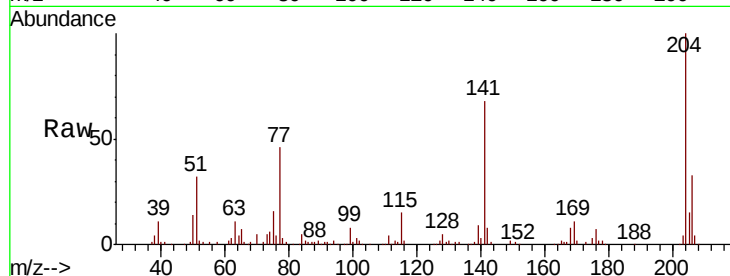




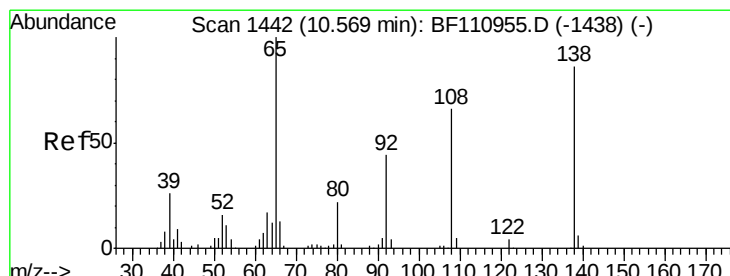
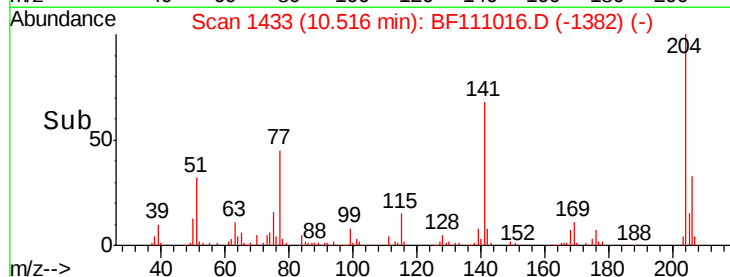
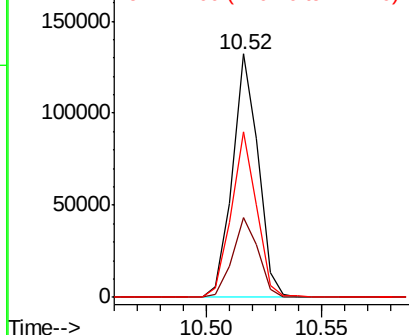
#61
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion:204 Resp: 102806
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 67.9 51.8 77.8

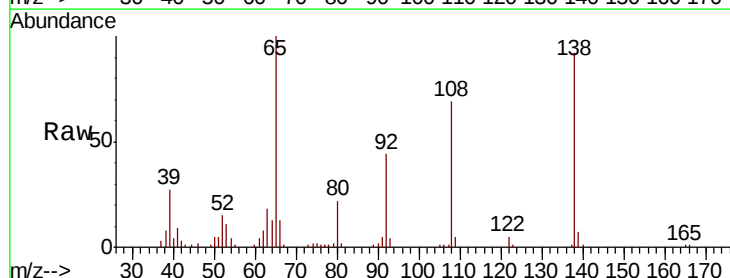


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

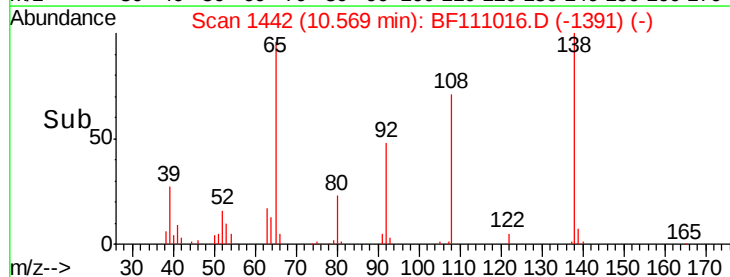
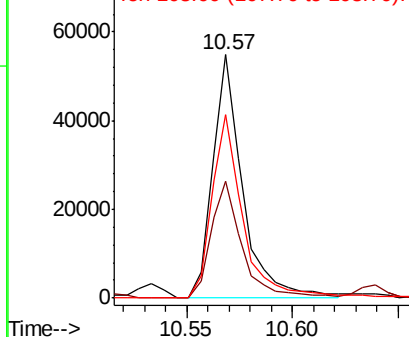


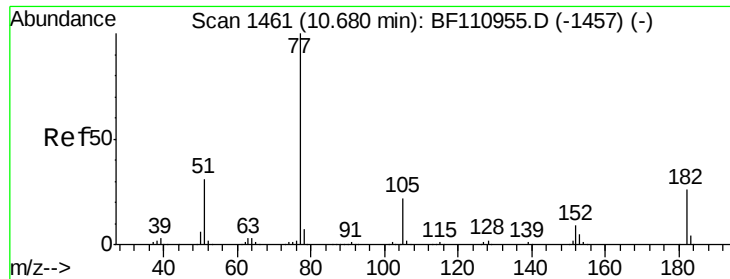
#62
4-Nitroaniline
Concen: 43.296 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:138 Resp: 54305
Ion Ratio Lower Upper
138 100
92 47.8 31.7 71.7
108 75.4 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

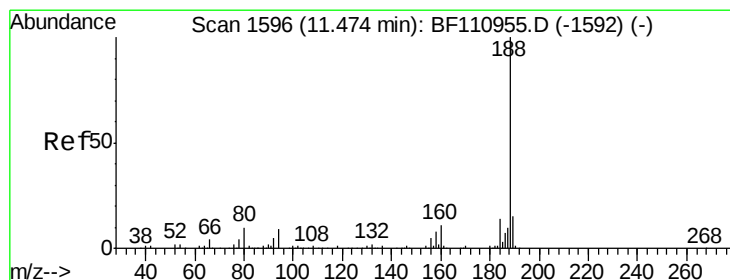
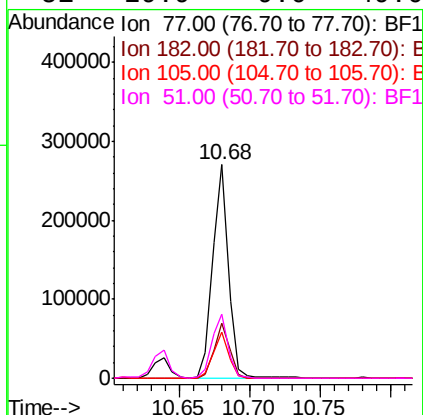
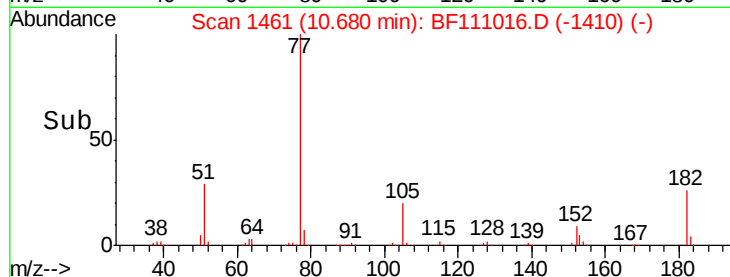
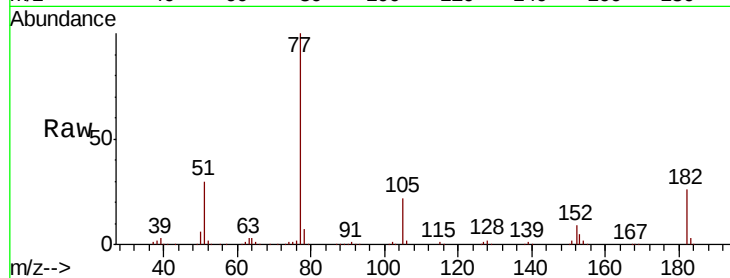




#63
Azobenzene
Concen: 40.257 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

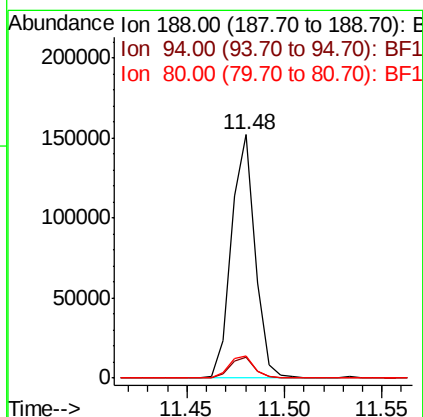
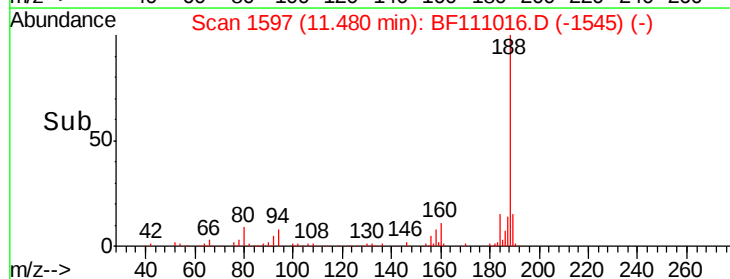
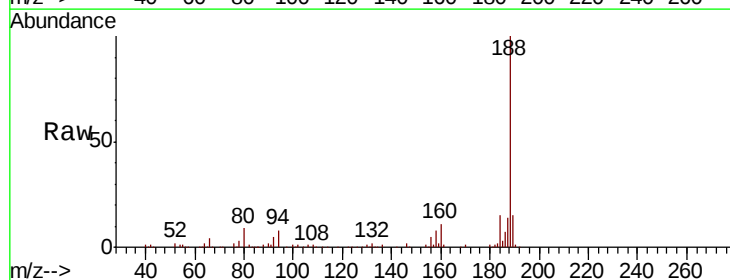
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

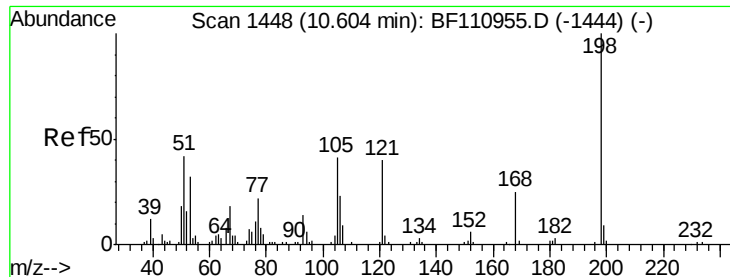
Tgt Ion:	77	Resp:	210080
Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.3	44.3
105	21.7	1.3	41.3
51	29.9	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:	188	Resp:	128244
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.9	11.9

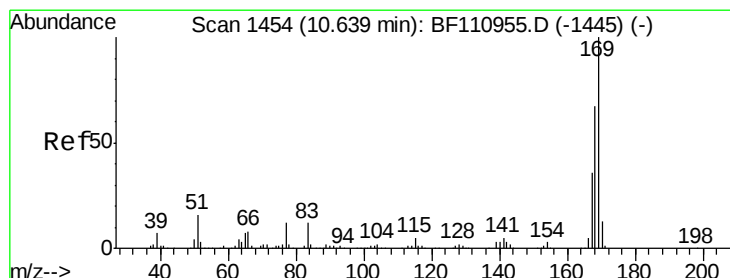
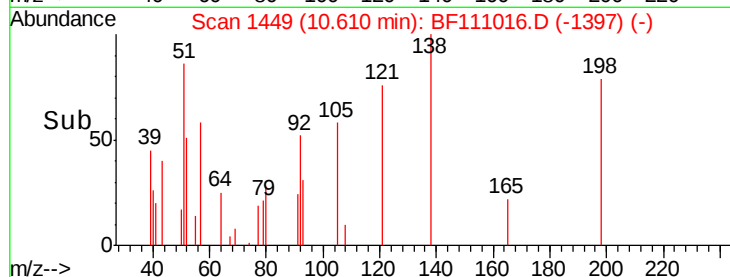
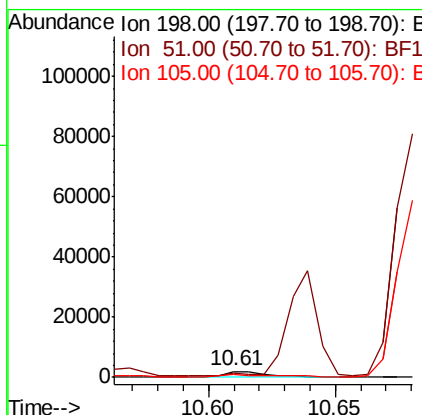
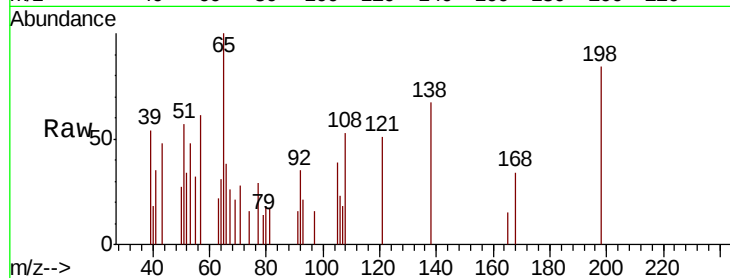




#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.976 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

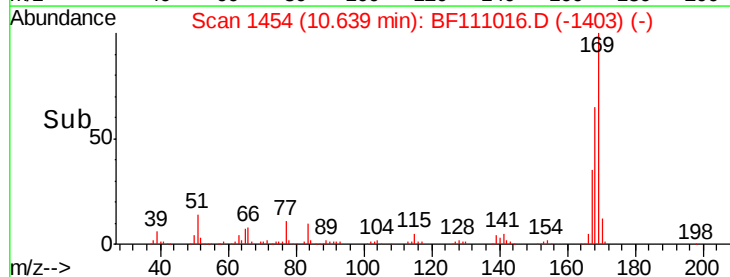
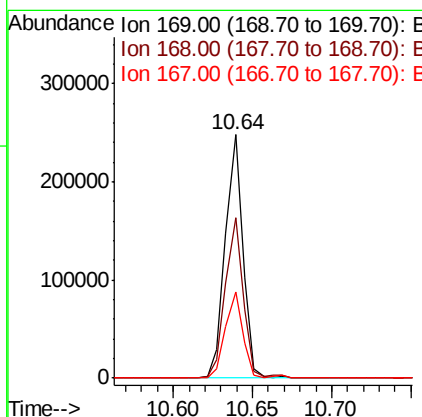
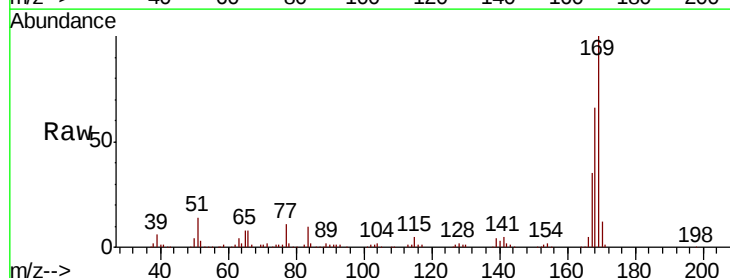
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

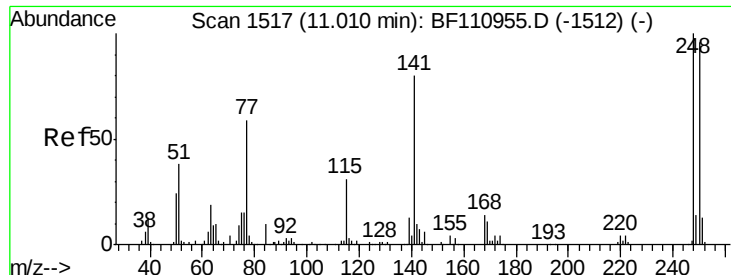
Tgt Ion:198 Resp: 2412
 Ion Ratio Lower Upper
 198 100
 51 68.4 22.8 62.8#
 105 46.4 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.897 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:169 Resp: 191676
 Ion Ratio Lower Upper
 169 100
 168 65.7 51.2 76.8
 167 35.3 27.8 41.6

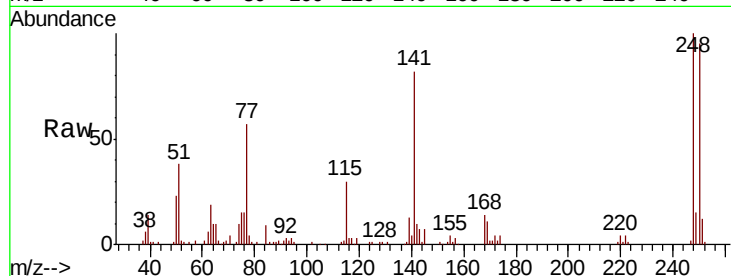




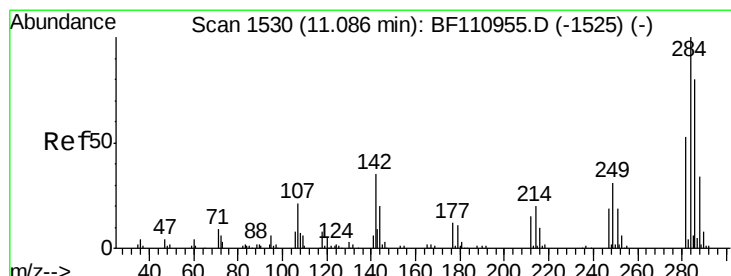
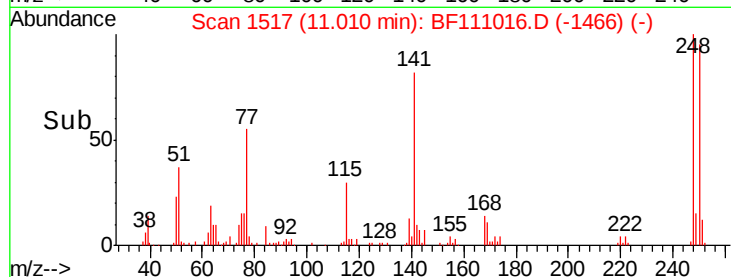
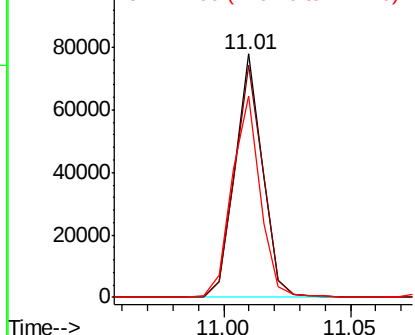
#67
 4-Bromophenyl-phenylether
 Concen: 42.043 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion:248 Resp: 58721
 Ion Ratio Lower Upper
 248 100
 250 95.2 79.4 119.2
 141 82.5 55.9 83.9

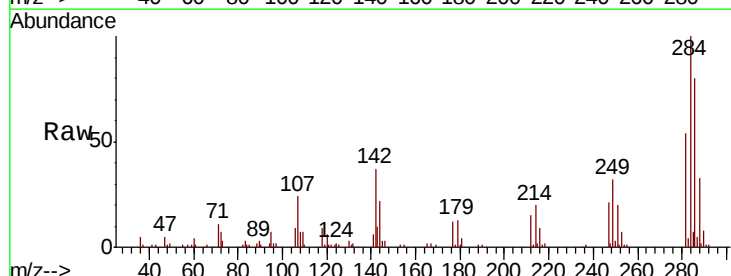


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

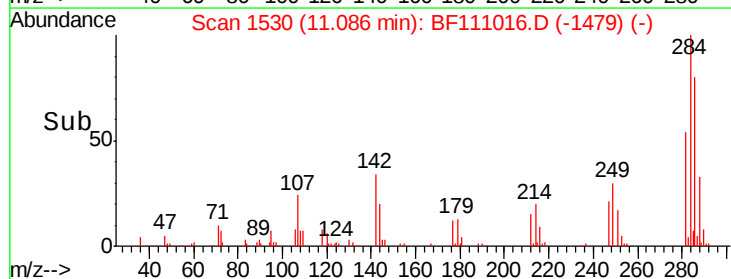
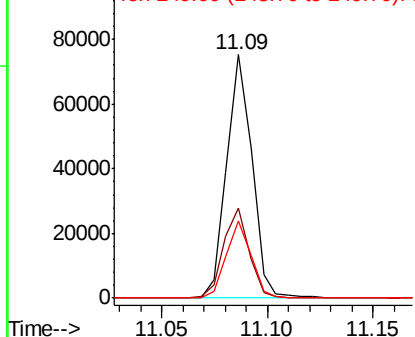


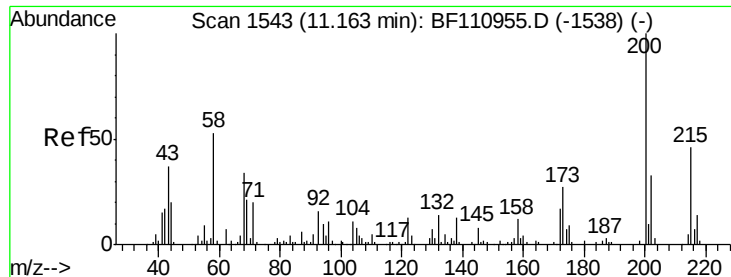
#68
 Hexachlorobenzene
 Concen: 41.917 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:284 Resp: 62358
 Ion Ratio Lower Upper
 284 100
 142 37.2 23.9 35.9#
 249 31.6 24.2 36.2



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

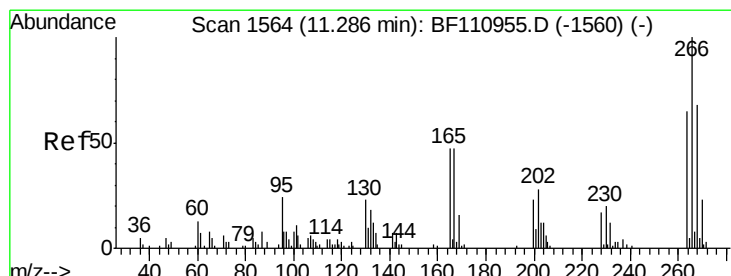
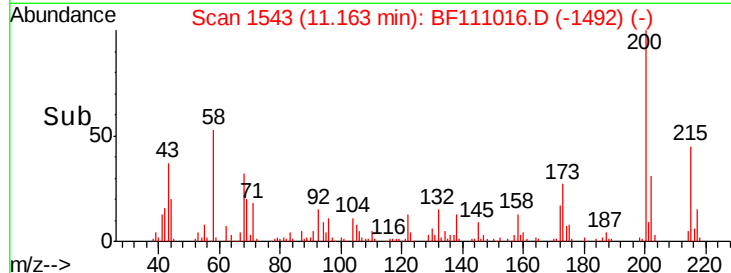
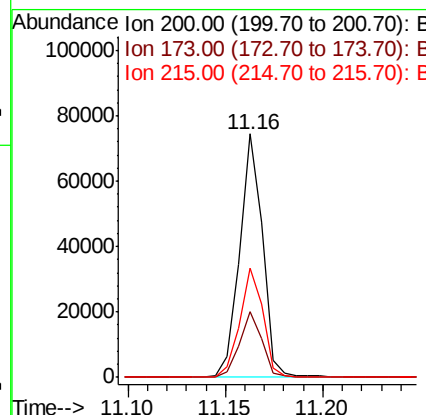
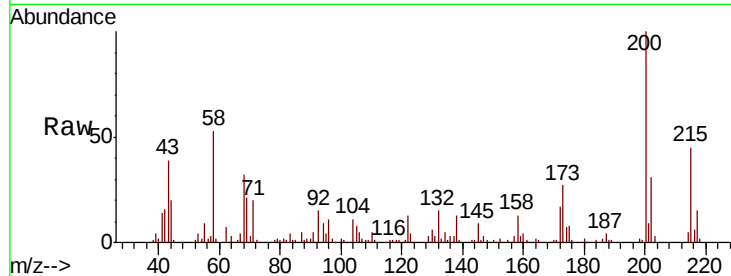




#69
 Atrazine
 Concen: Below Cal
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

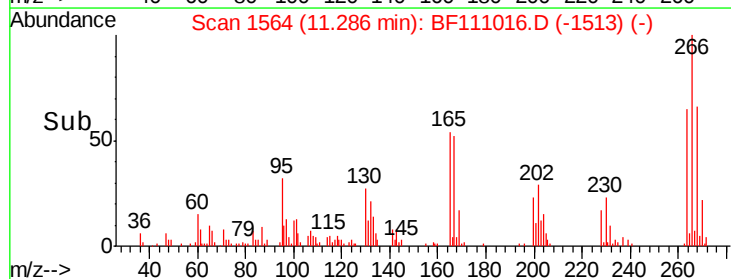
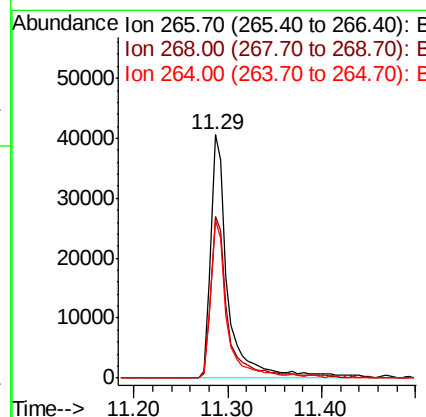
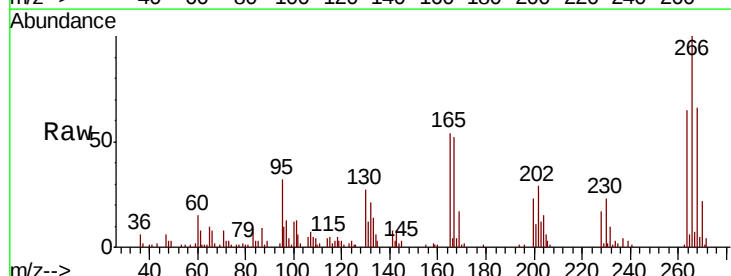
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

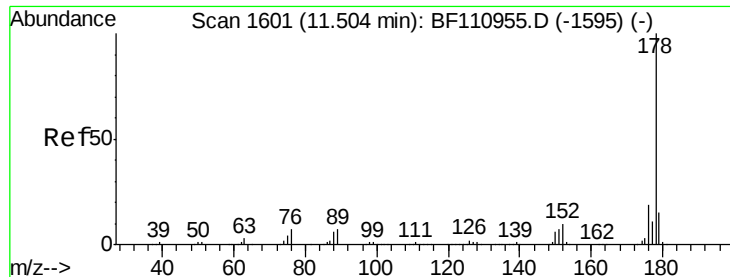
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.6	46.6
215	45.0	26.3	66.3



#70
 Pentachlorophenol
 Concen: 89.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	50.6	75.8
264	64.6	50.6	75.8

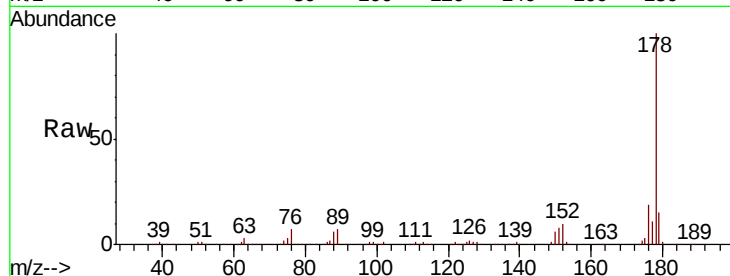




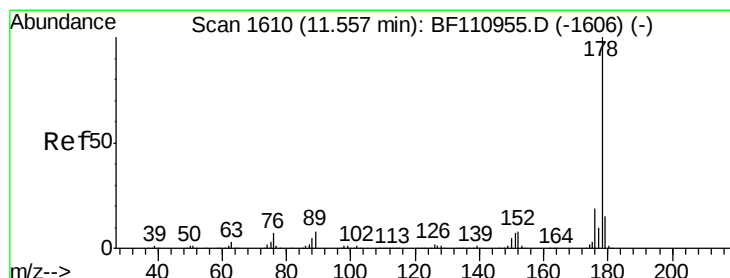
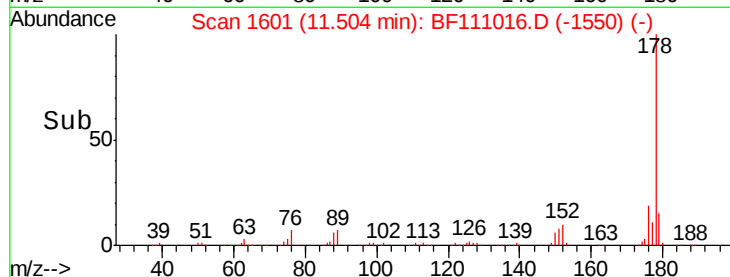
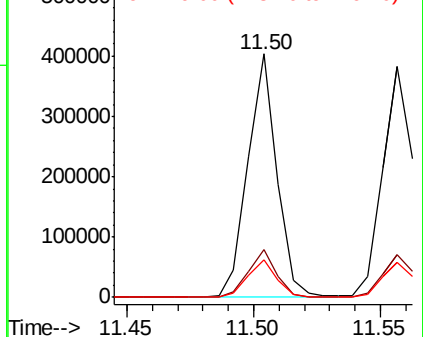
#71
Phenanthrene
Concen: 47.422 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion:178 Resp: 322100
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.5 18.7

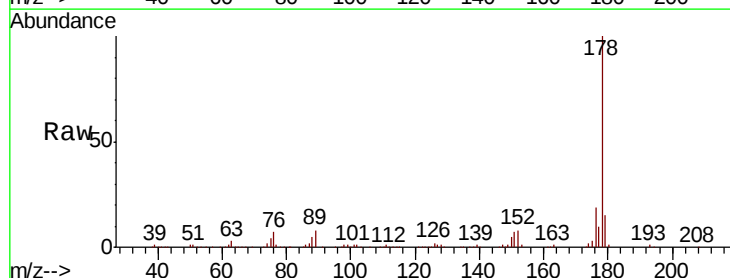


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

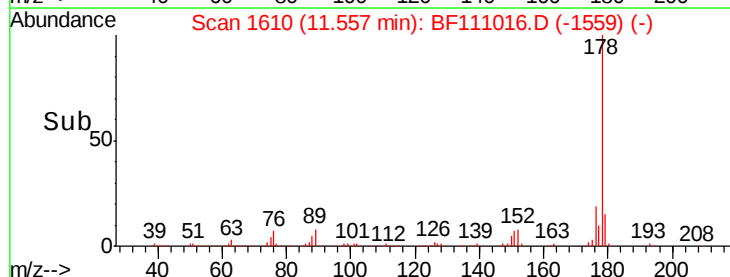
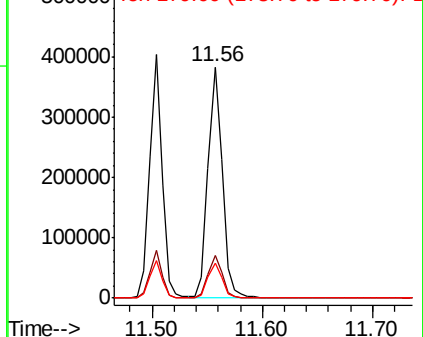


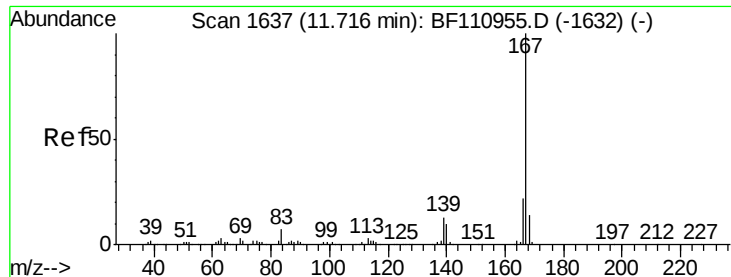
#72
Anthracene
Concen: 48.388 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:178 Resp: 334707
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

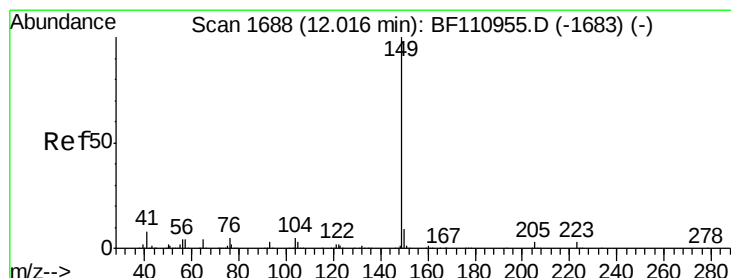
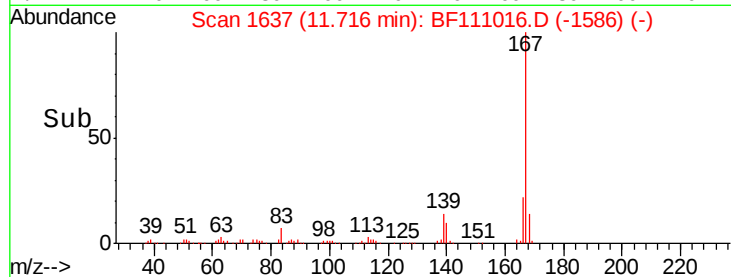
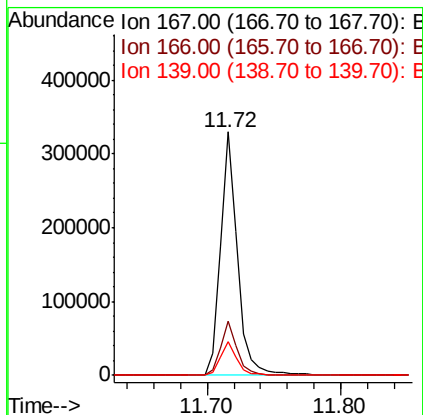
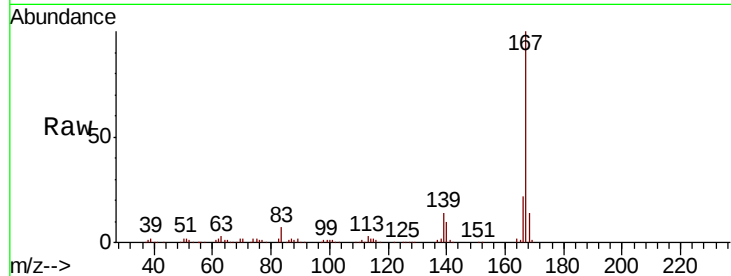




#73
 Carbazole
 Concen: 44.261 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

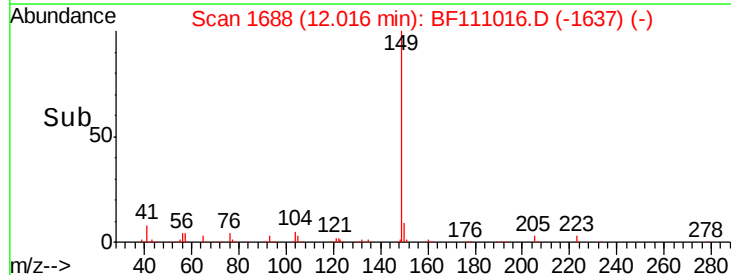
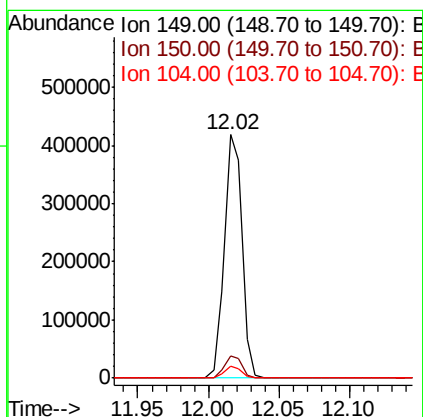
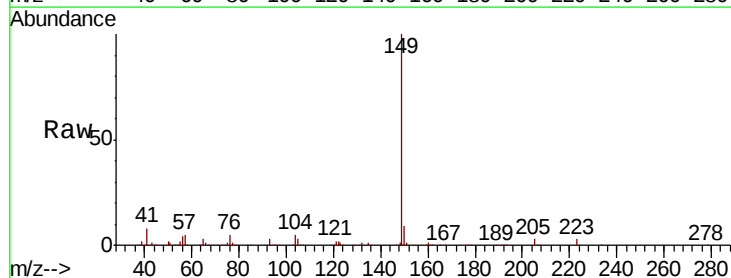
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

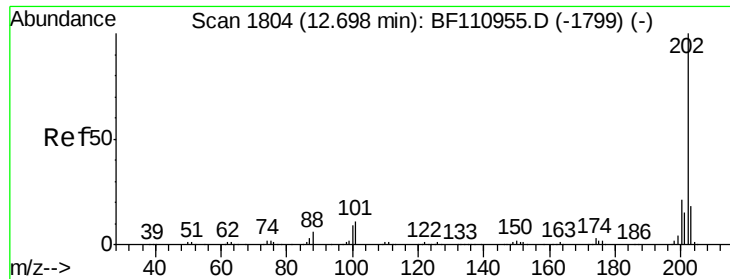
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 46.477 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.0	4.2	6.4

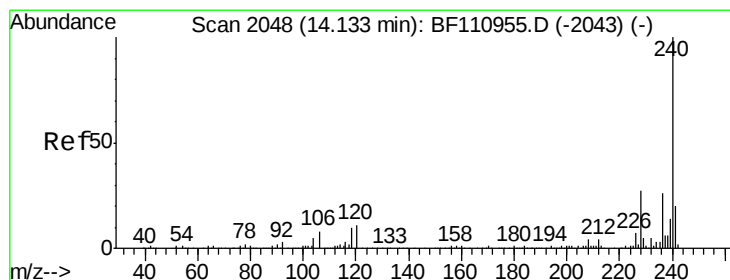
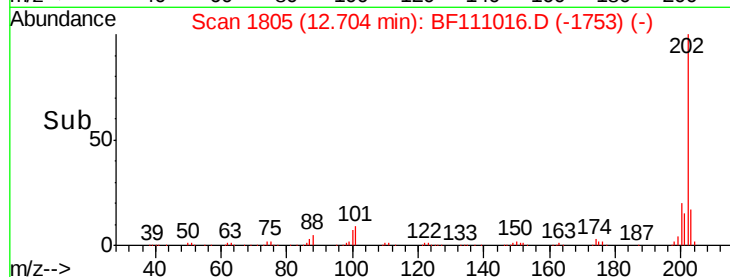
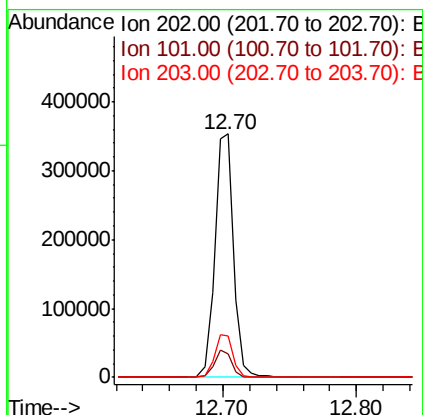
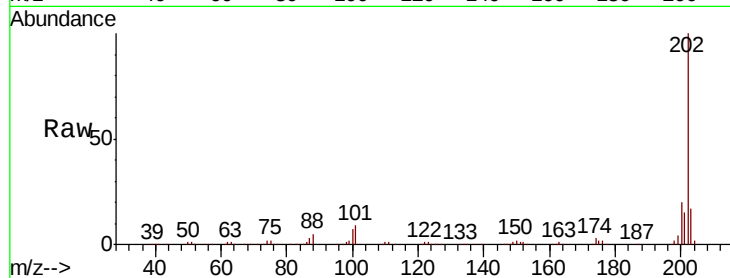




#75
 Fluoranthene
 Concen: 49.883 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

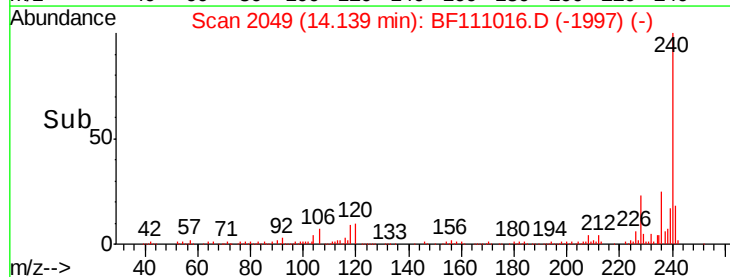
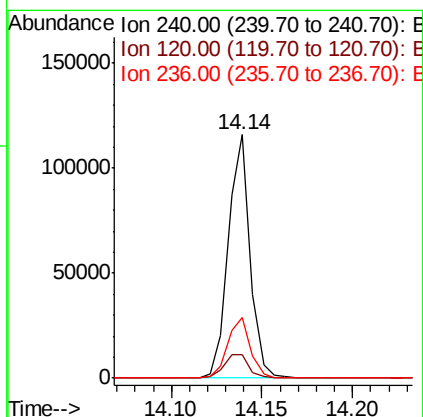
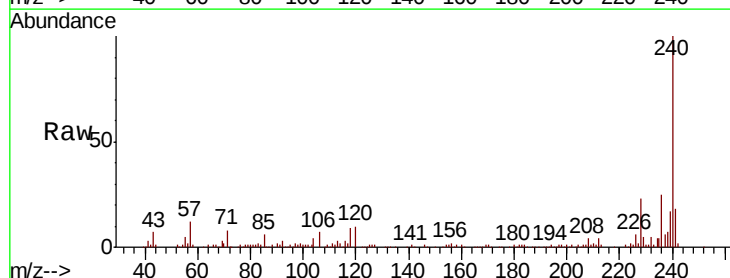
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

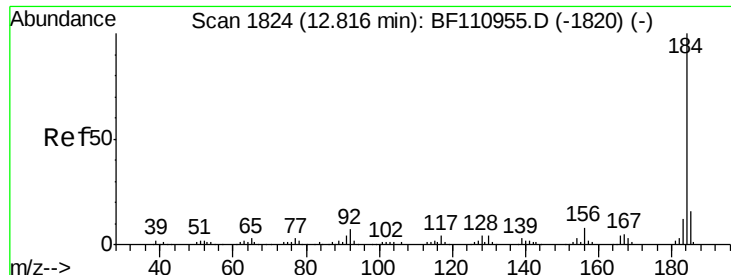
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.4
203	16.9	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	24.7	21.2	31.8

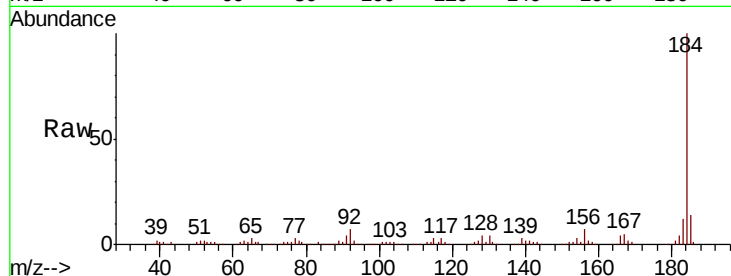




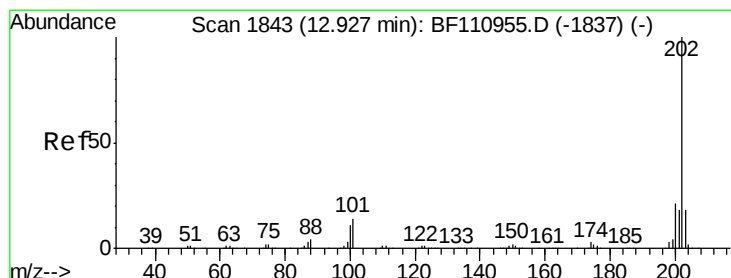
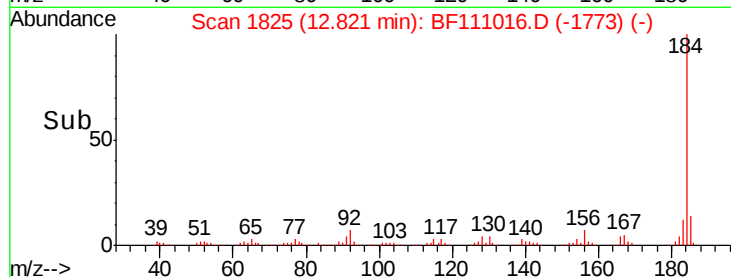
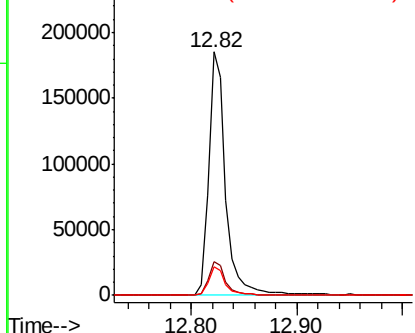
#77
Benzidine
Concen: 83.457 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tgt Ion:184 Resp: 207313
Ion Ratio Lower Upper
184 100
185 13.8 13.4 20.2
183 11.9 9.4 14.2

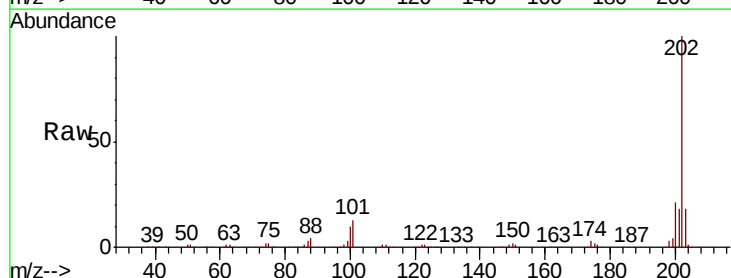


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

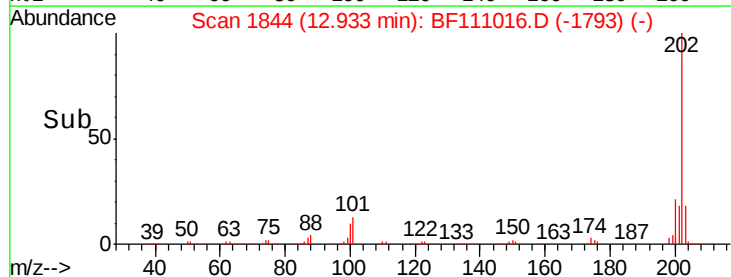
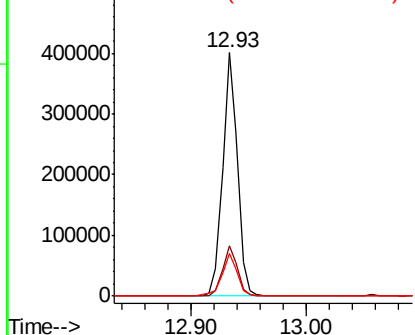


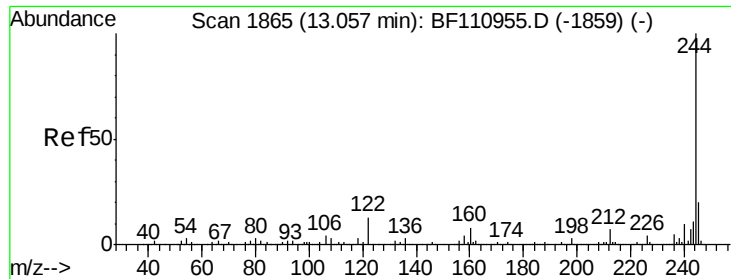
#78
Pyrene
Concen: 50.220 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:202 Resp: 356218
Ion Ratio Lower Upper
202 100
200 20.8 17.8 26.6
203 17.7 14.2 21.4



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





#79

Terphenyl-d14

Concen: 81.478 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

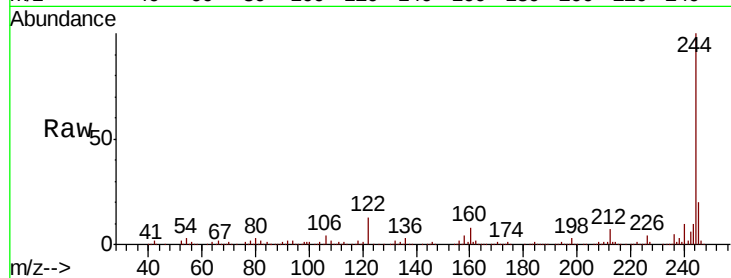
Tgt Ion:244 Resp: 406488

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

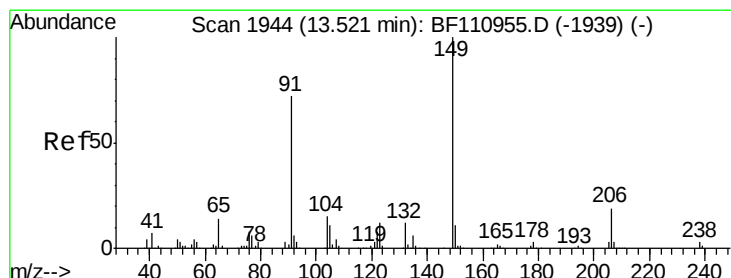
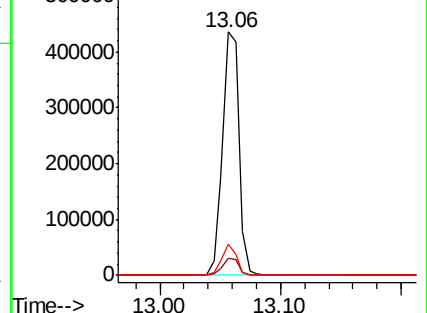
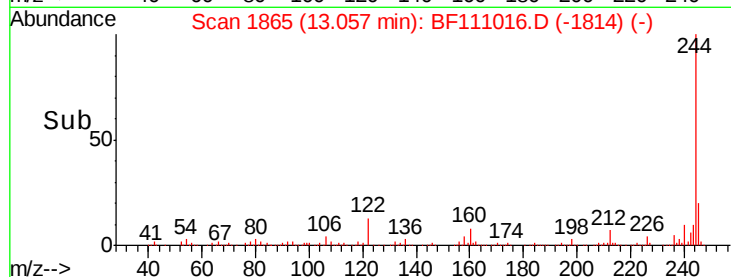
122 12.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.225 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

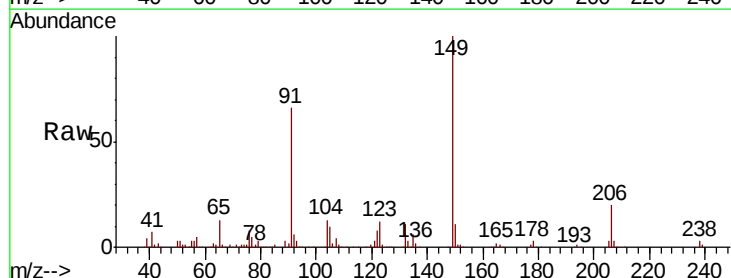
Tgt Ion:149 Resp: 160841

Ion Ratio Lower Upper

149 100

91 65.9 57.2 85.8

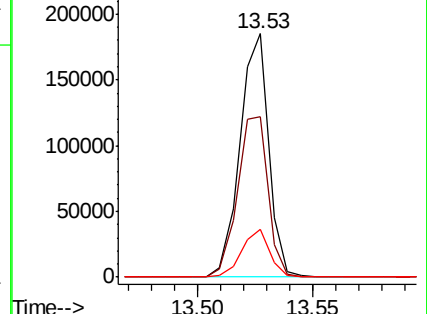
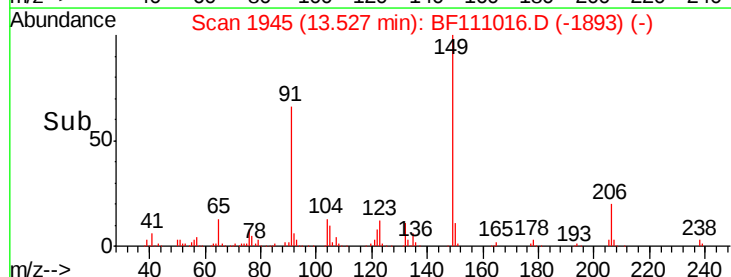
206 19.7 15.7 23.5

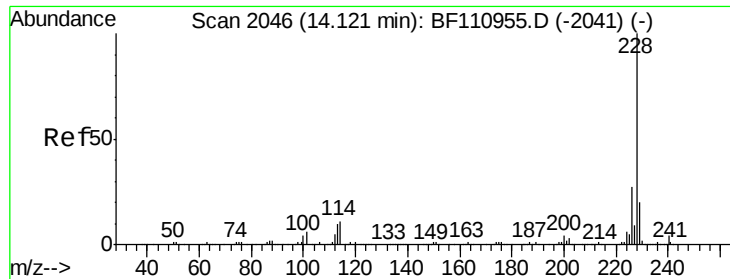


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.273 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

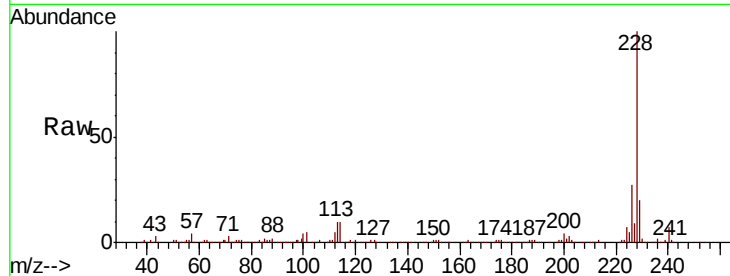
Tgt Ion:228 Resp: 271047

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.5 15.6 23.4

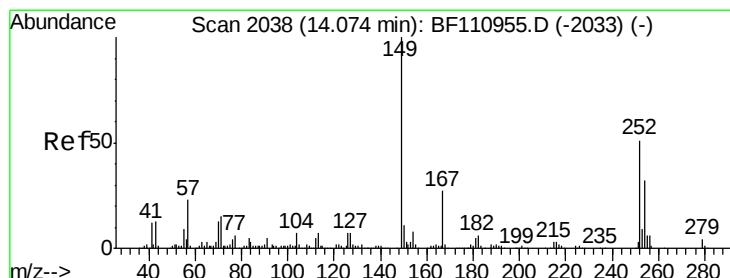
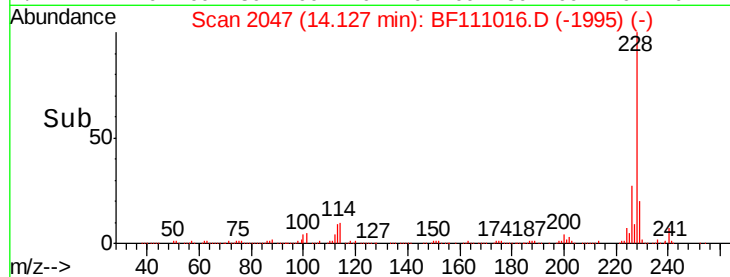
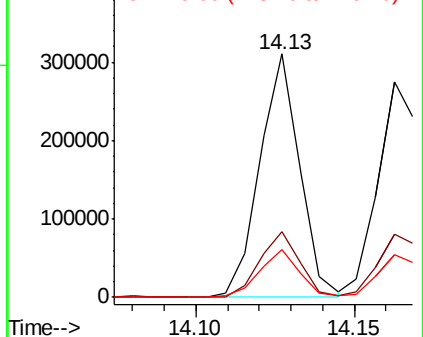


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 45.262 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

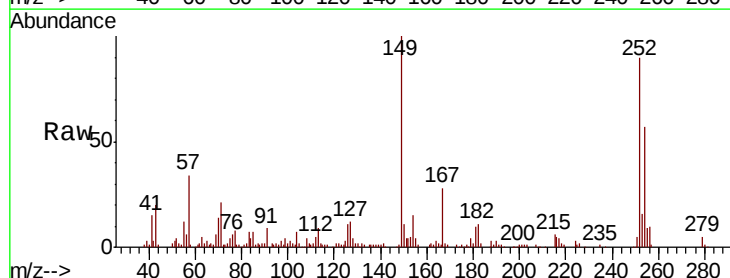
Tgt Ion:252 Resp: 88985

Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

126 12.6 9.4 14.2

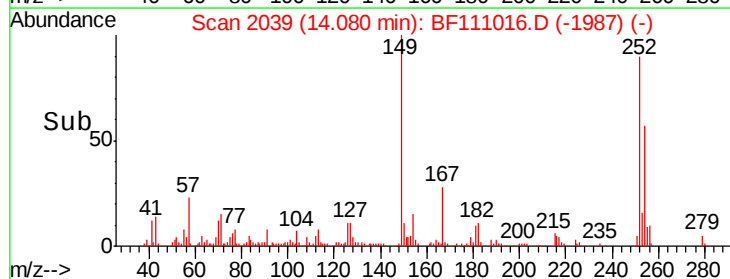
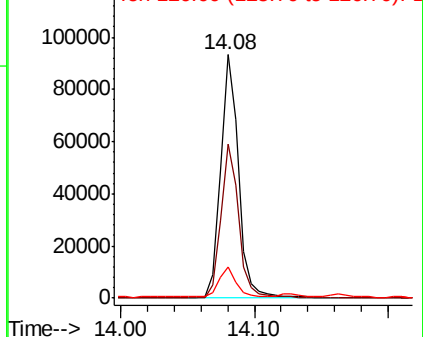


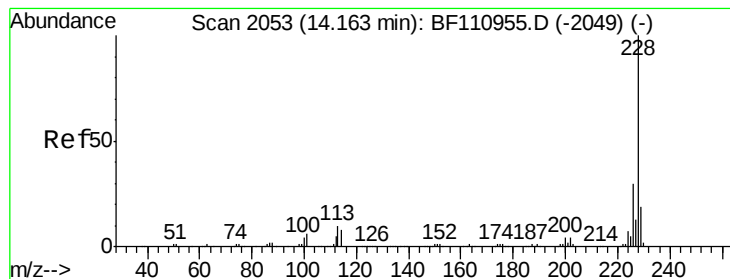
Abundance

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





#83

Chrysene

Concen: 45.393 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

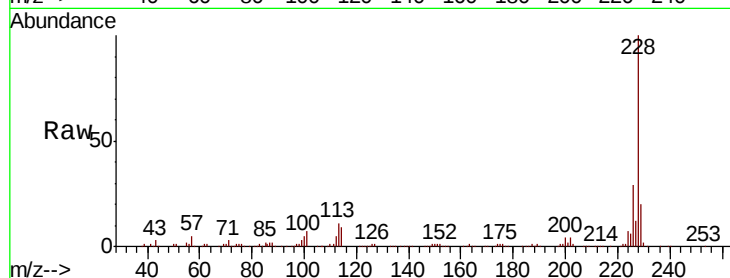
Tgt Ion:228 Resp: 256213

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 19.7 15.9 23.9

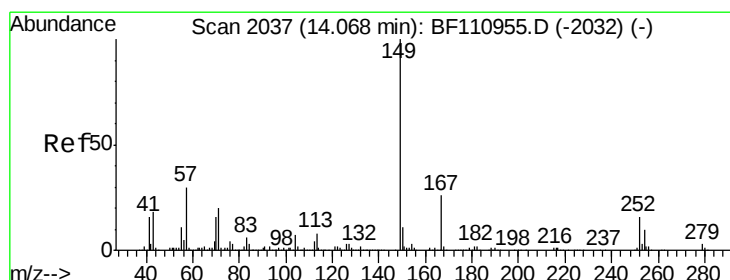
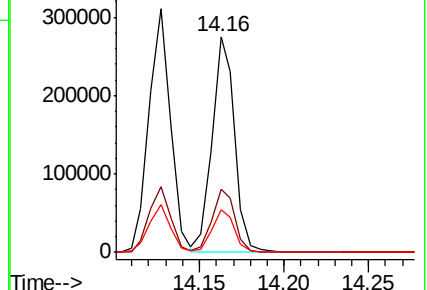
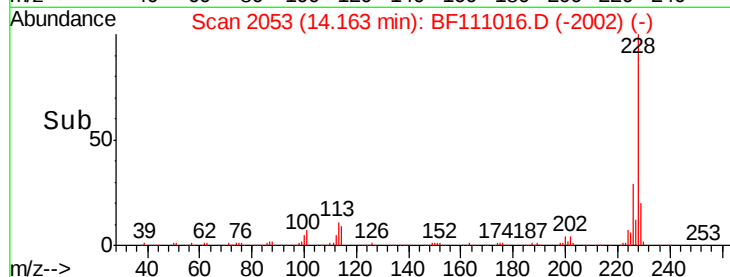


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.384 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

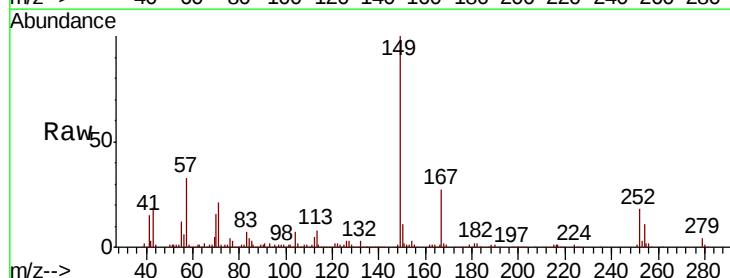
Tgt Ion:149 Resp: 223531

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

279 3.9 2.7 4.1

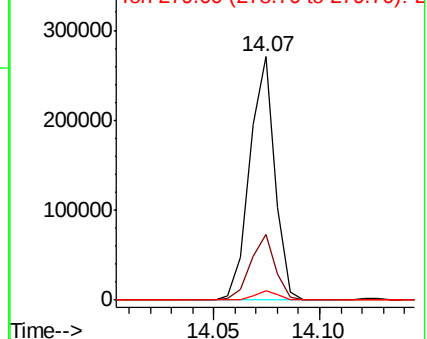
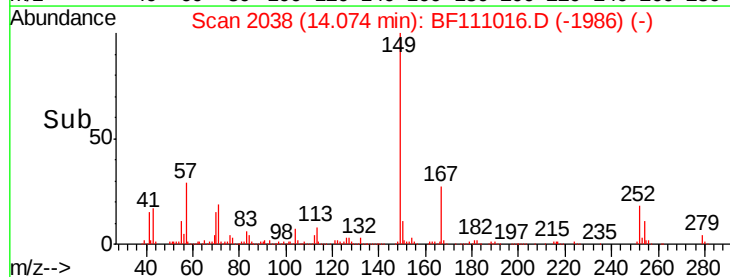


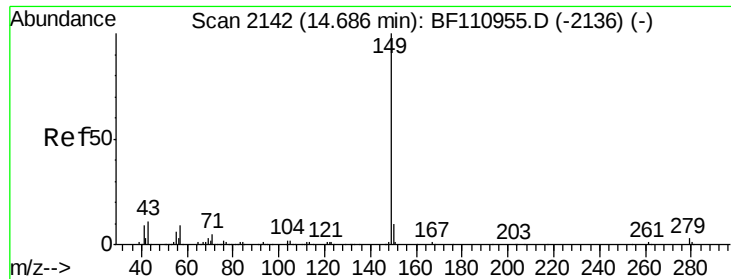
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.226 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

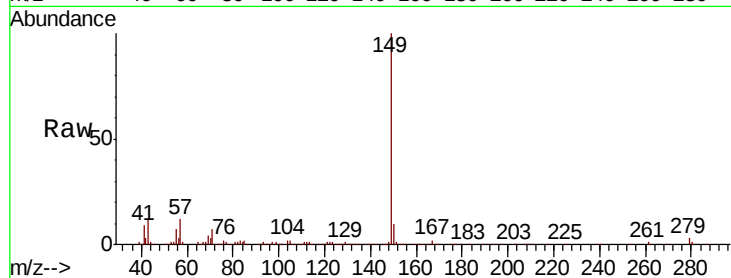
Tgt Ion:149 Resp: 351786

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

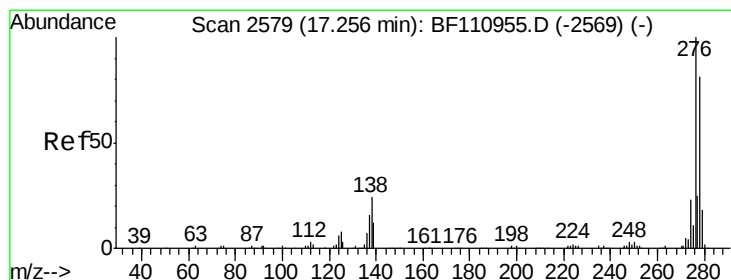
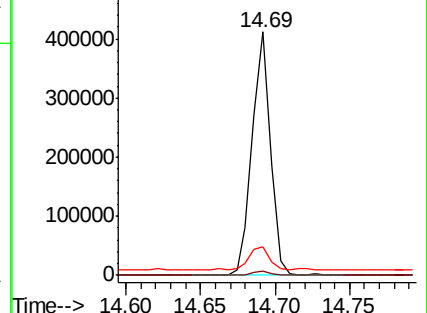
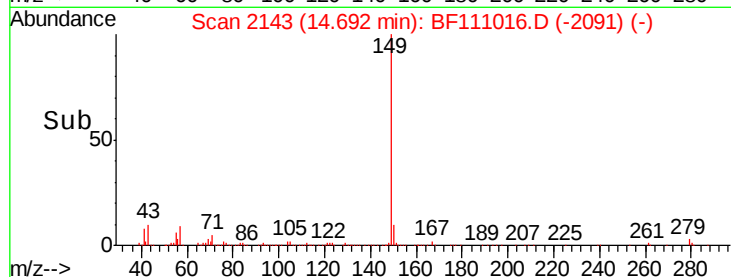
43 11.6 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.261 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

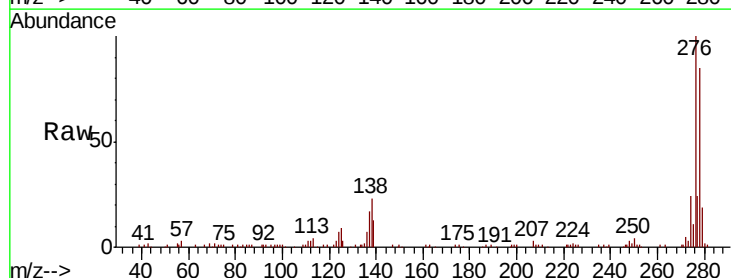
Tgt Ion:276 Resp: 179324

Ion Ratio Lower Upper

276 100

138 24.6 18.5 27.7

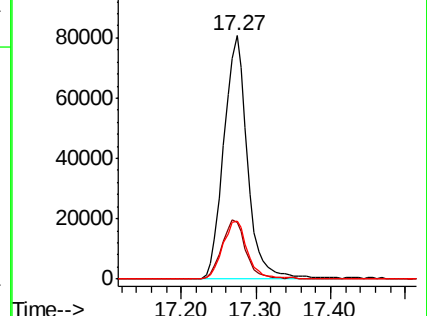
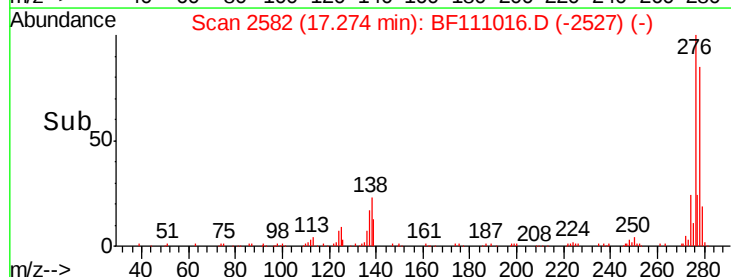
277 24.9 20.0 30.0

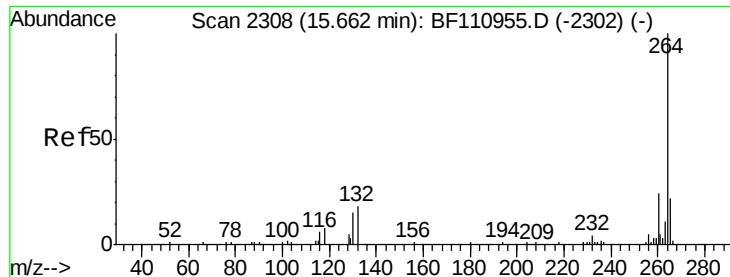


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

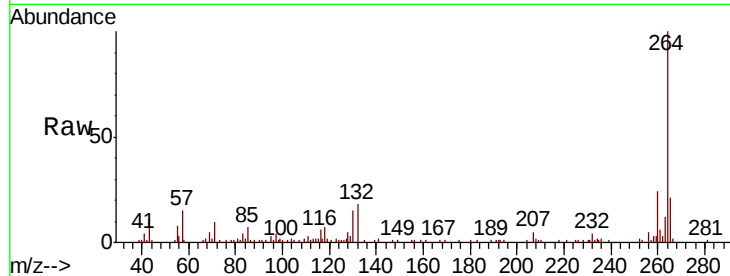




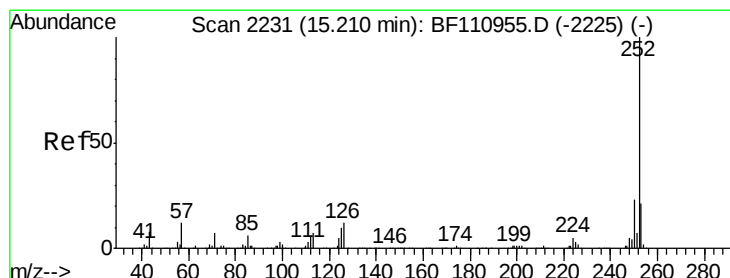
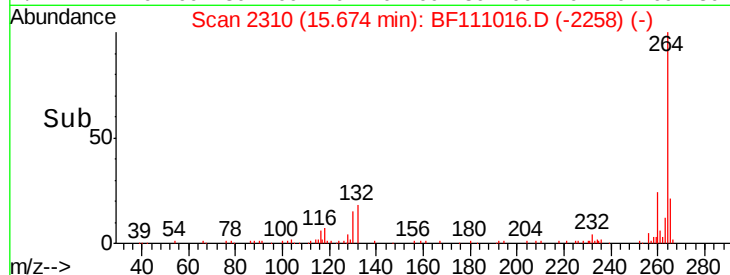
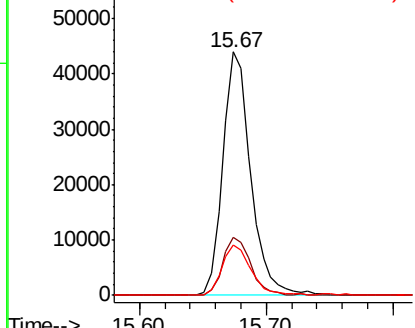
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tgt Ion:264 Resp: 66960
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 20.8 16.7 25.1

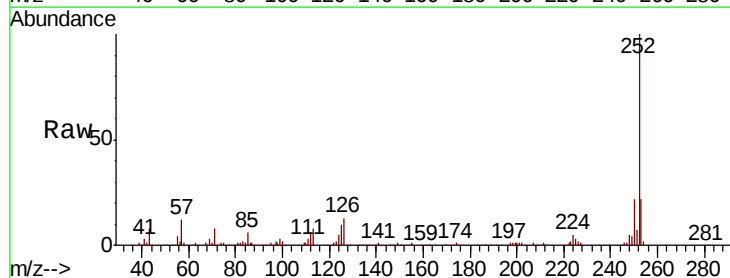


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

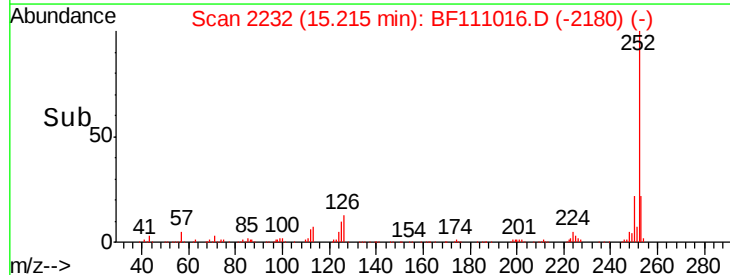
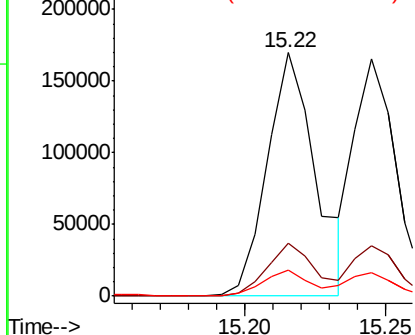


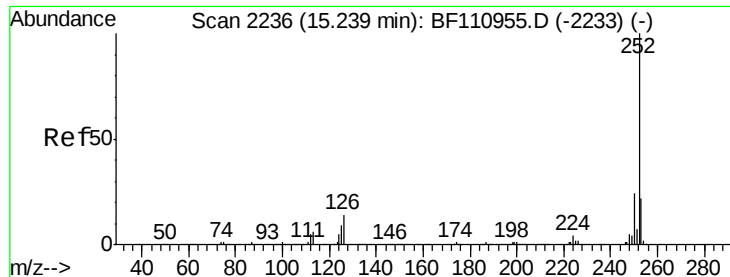
#88
 Benzo(b)fluoranthene
 Concen: 51.501 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

Tgt Ion:252 Resp: 202586
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.5 8.2 12.4



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

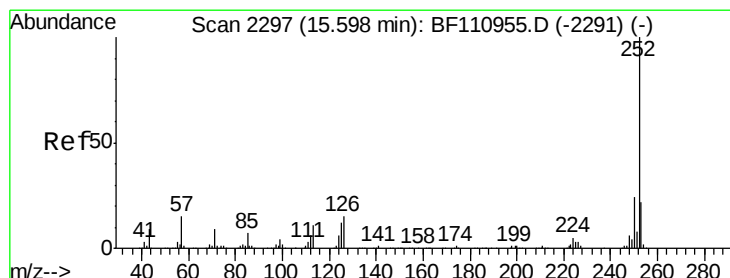
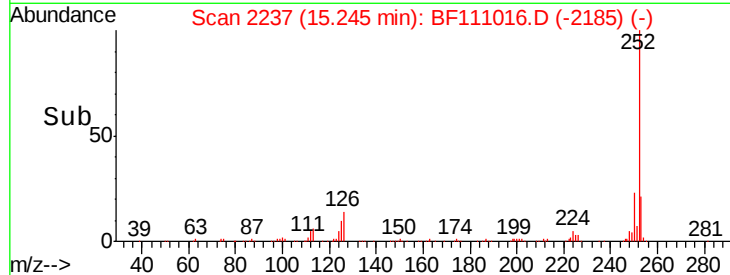
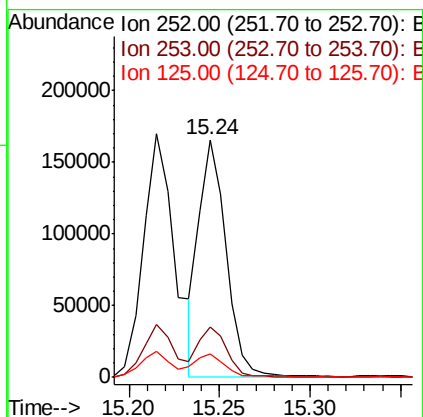
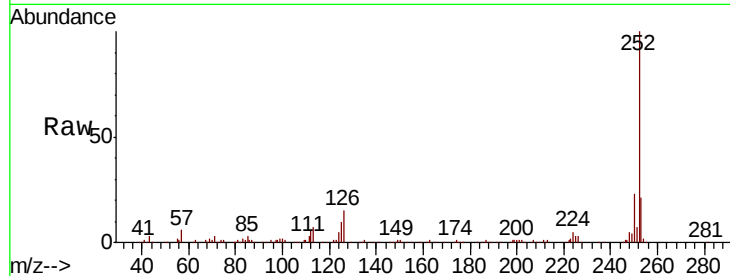




#89
Benzo(k)fluoranthene
Concen: 42.600 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

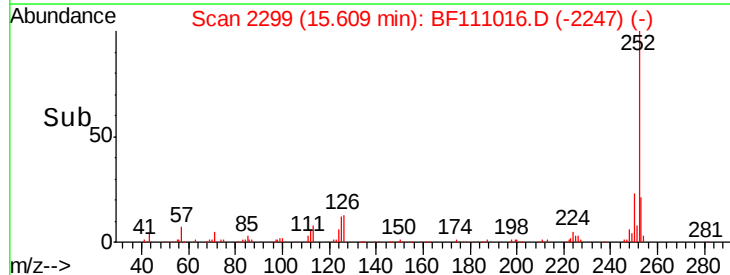
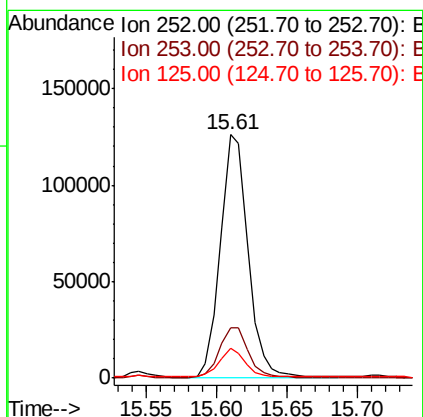
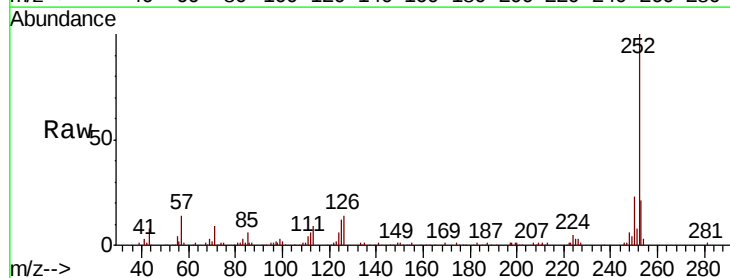
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

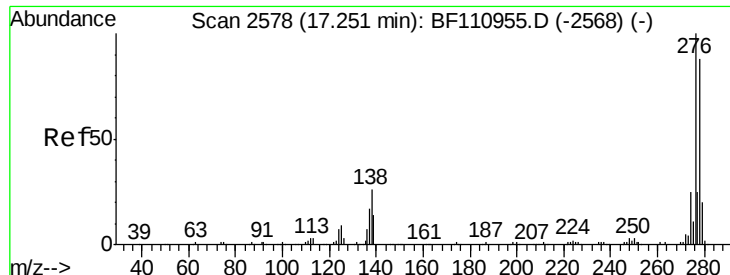
Tgt Ion:252 Resp: 172482
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.439 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:252 Resp: 173701
Ion Ratio Lower Upper
252 100
253 20.9 18.2 27.4
125 12.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.887 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

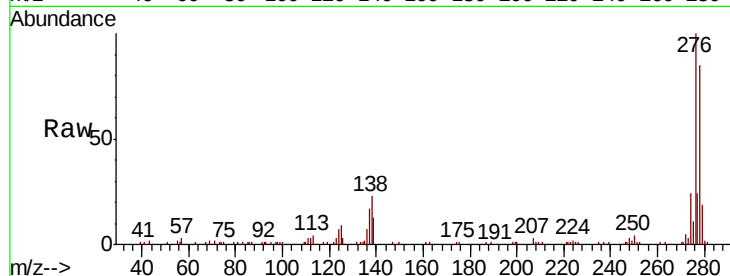
Tgt Ion:278 Resp: 150712

Ion Ratio Lower Upper

278 100

139 14.9 12.7 19.1

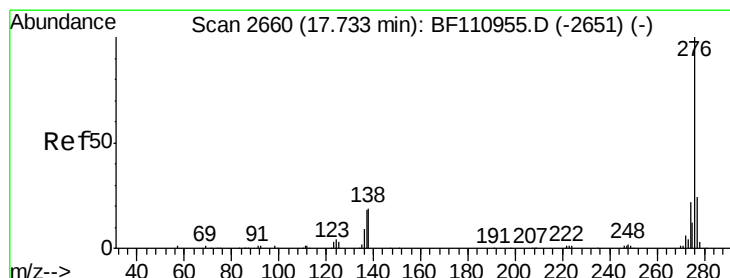
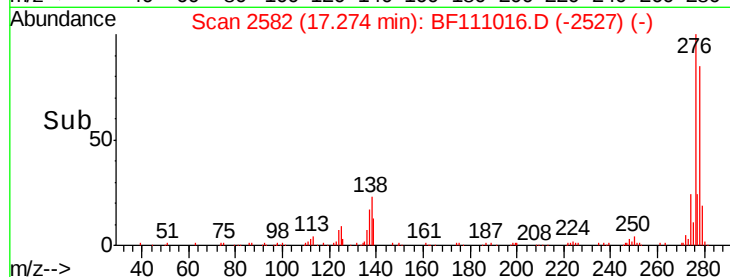
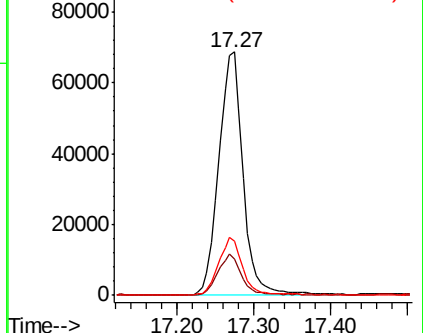
279 22.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.801 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.02 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

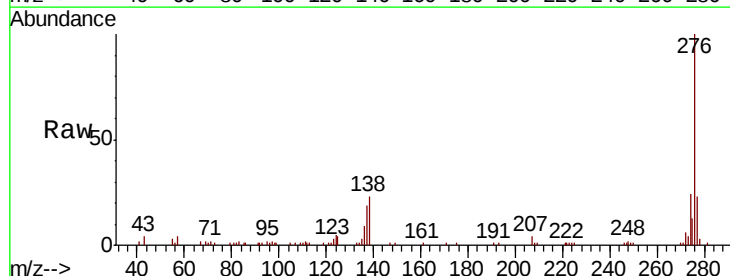
Tgt Ion:276 Resp: 147979

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.8 16.0 24.0



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

