

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 01:10:57 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
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
43) 2,4,6-Trichlorophenol	9.22	196	64045	48.154	ng	96

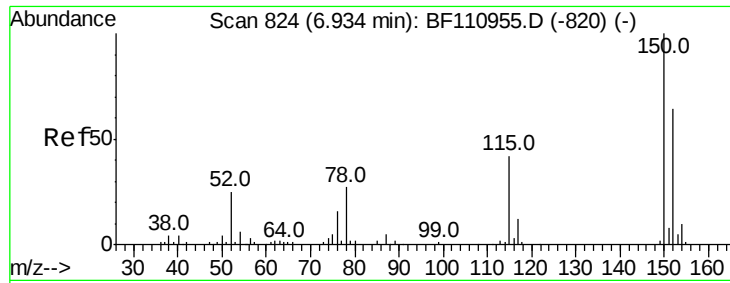
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
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 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

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

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

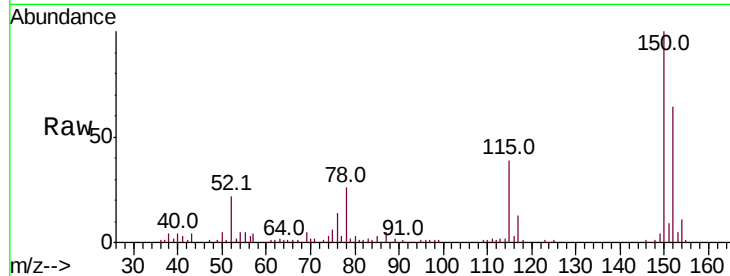


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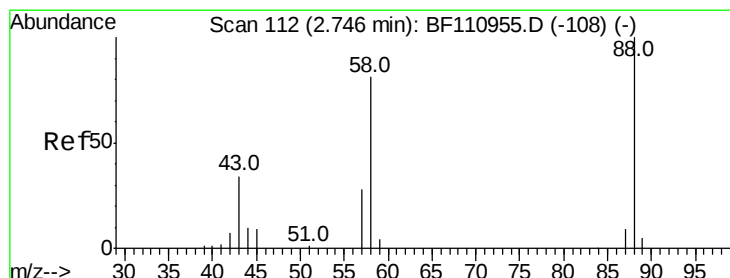
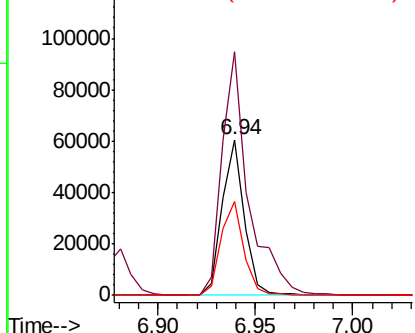
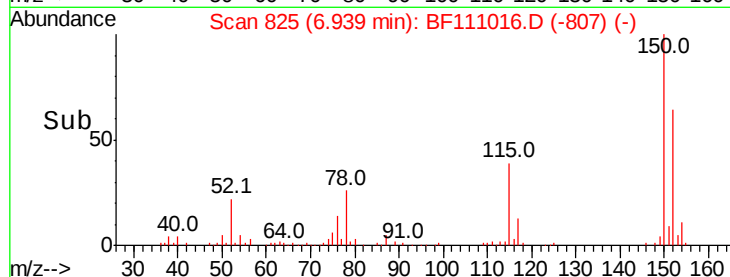
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

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



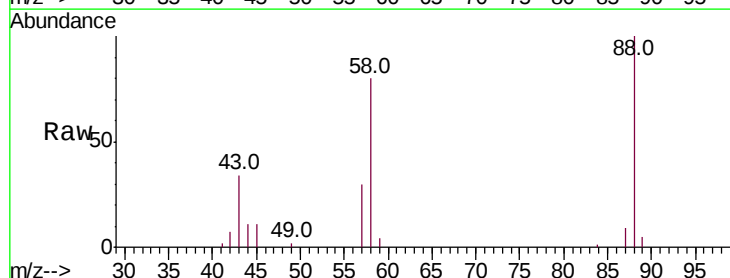
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



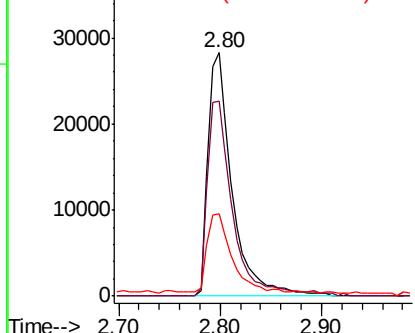
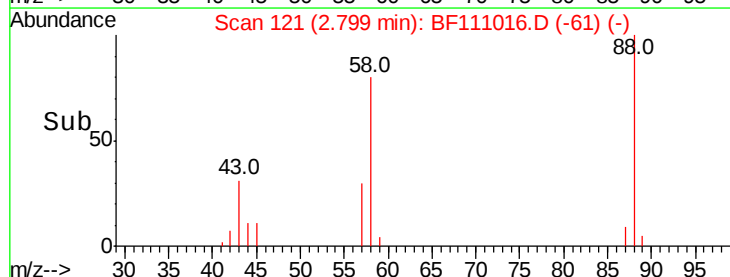
#2

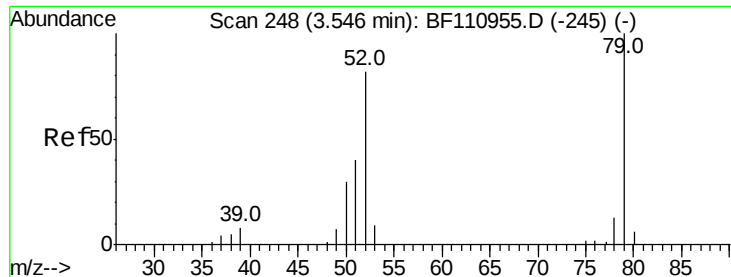
1,4-Dioxane
Concen: 33.868 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.05 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

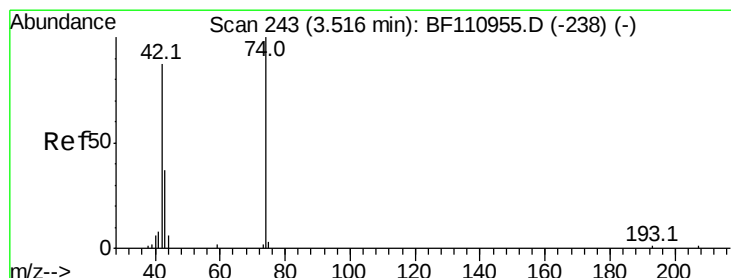
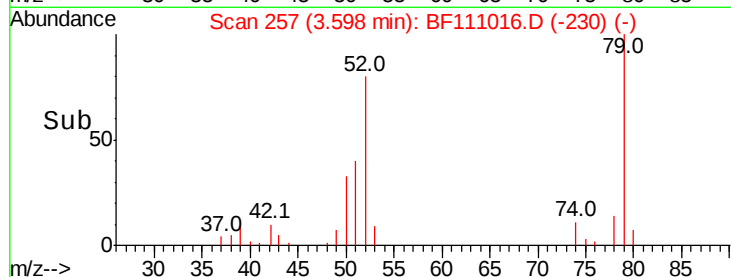
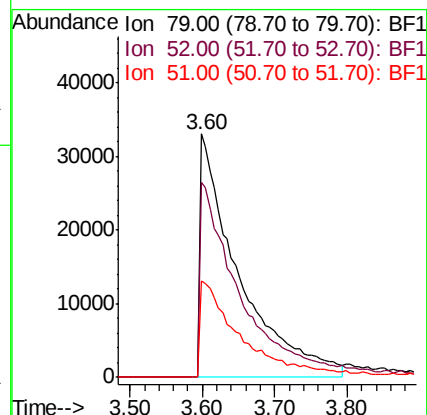
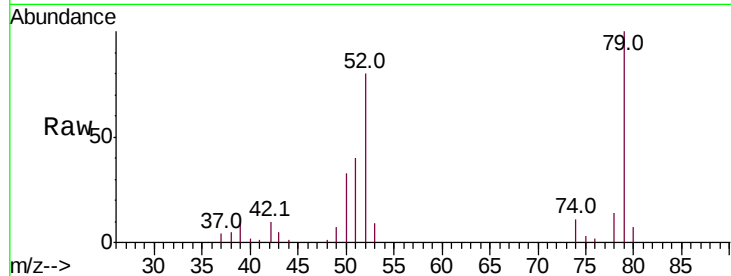




#3
 Pvridine
 Concen: 40.450 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.06 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

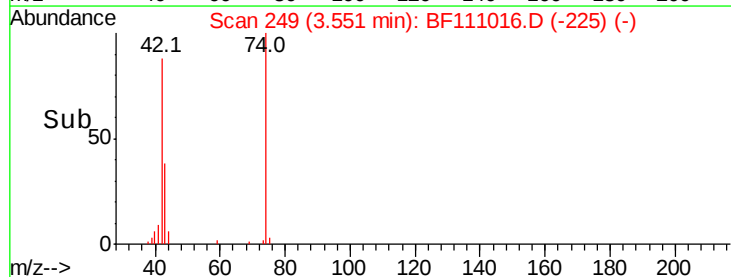
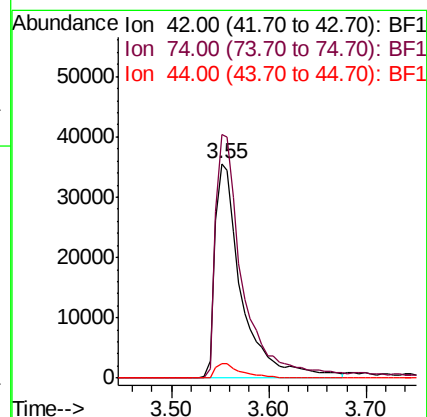
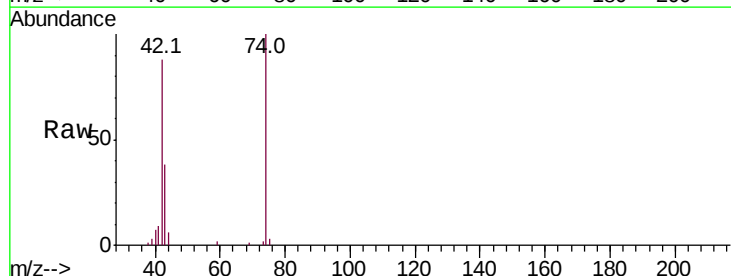
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

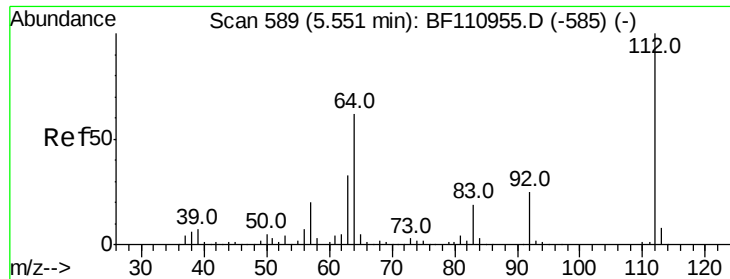
Tot Ion: 79 Resp: 121828
 Ion Ratio Lower Upper
 79 100
 52 80.0 53.1 79.7#
 51 39.7 27.4 41.2



#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

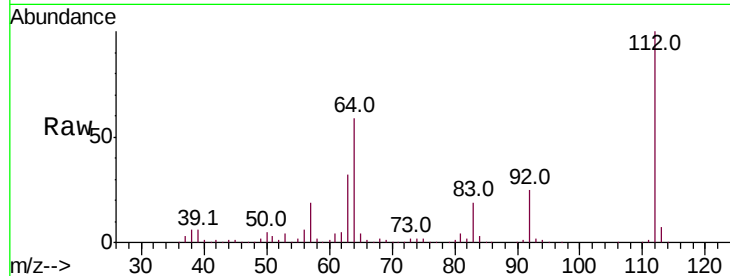
Tot Ion:112 Resp: 399397

Ion Ratio Lower Upper

112 100

64 58.8 44.1 66.1

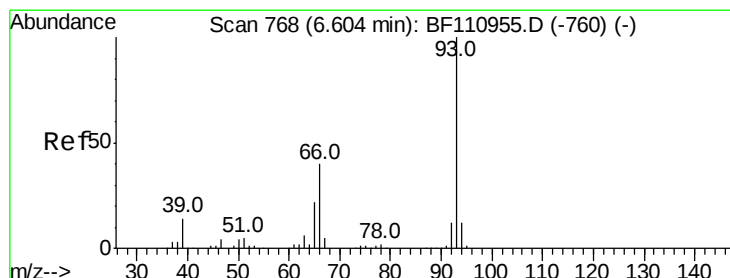
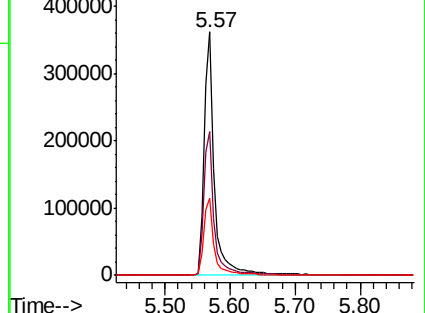
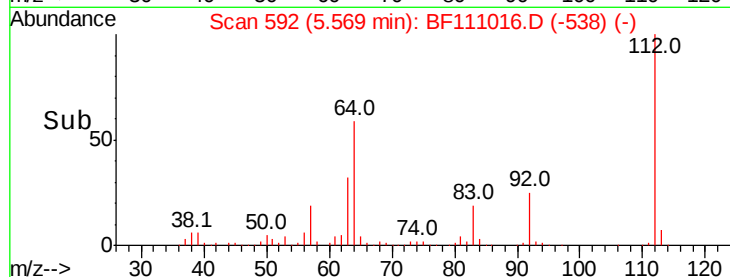
63 31.6 23.7 35.5



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

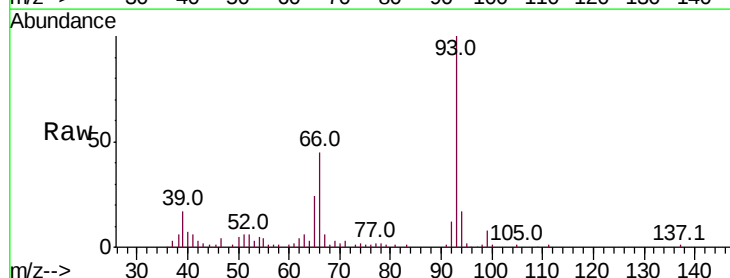
Tgt Ion: 93 Resp: 110582

Ion Ratio Lower Upper

93 100

66 44.5 67.4 101.0#

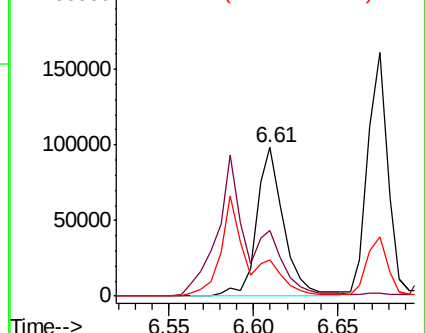
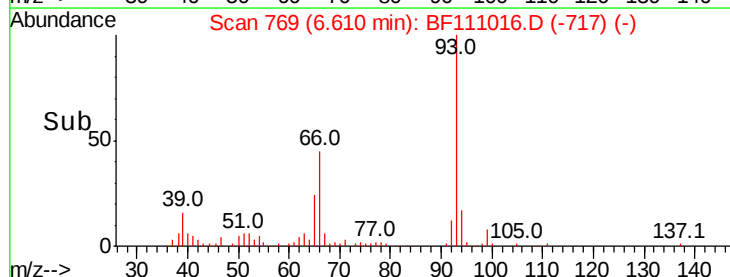
65 24.2 41.0 61.4#

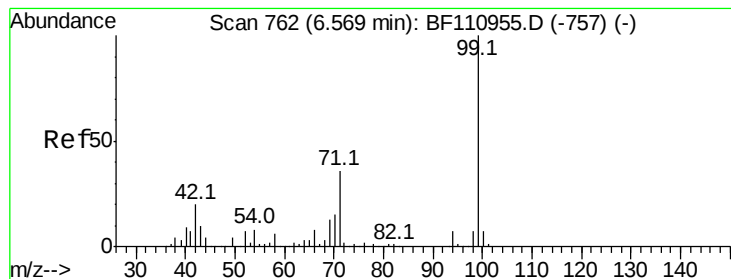


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

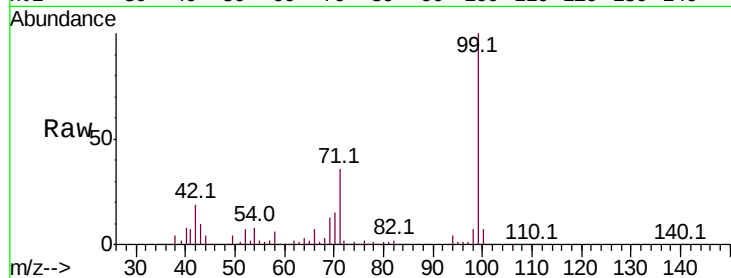
Tot Ion: 99 Resp: 478967

Ion Ratio Lower Upper

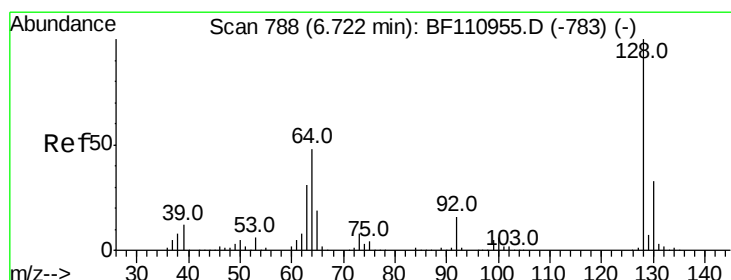
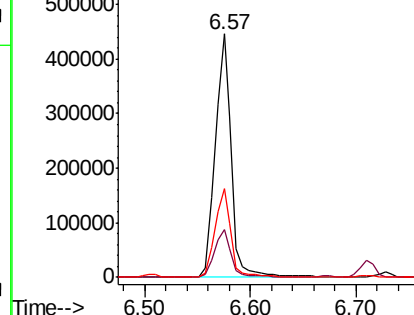
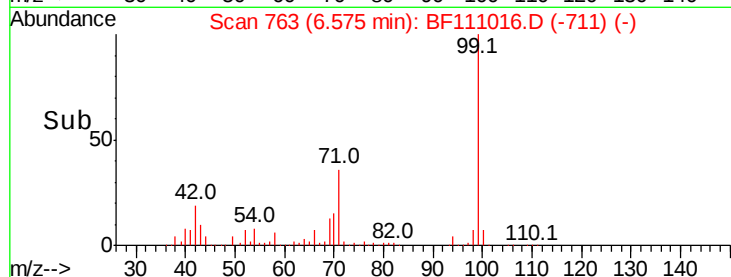
99 100

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

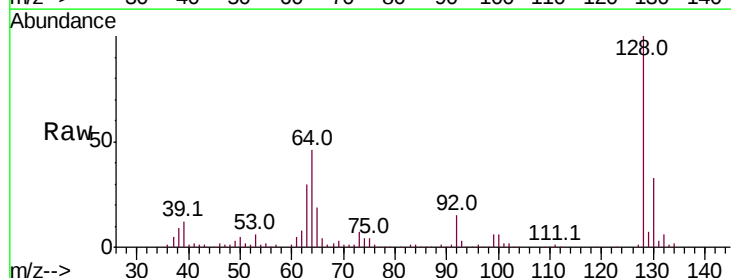
Tgt Ion:128 Resp: 144526

Ion Ratio Lower Upper

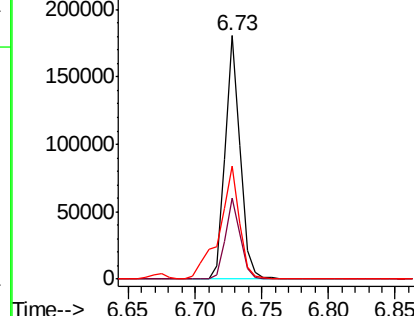
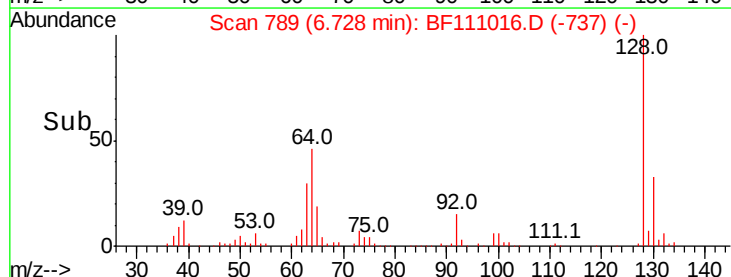
128 100

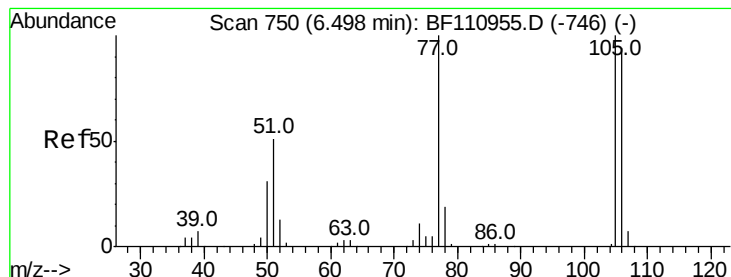
130 33.3 13.1 53.1

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

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

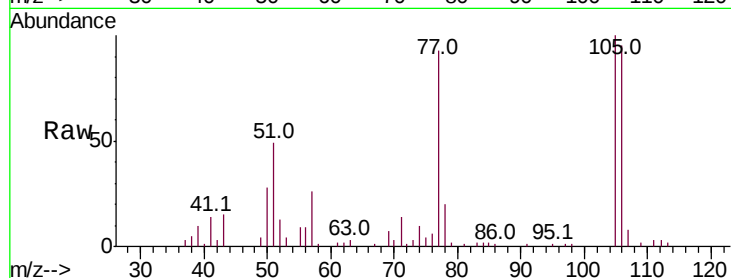
Tot Ion: 77 Resp: 53208

Ion Ratio Lower Upper

77 100

105 107.1 78.6 118.6

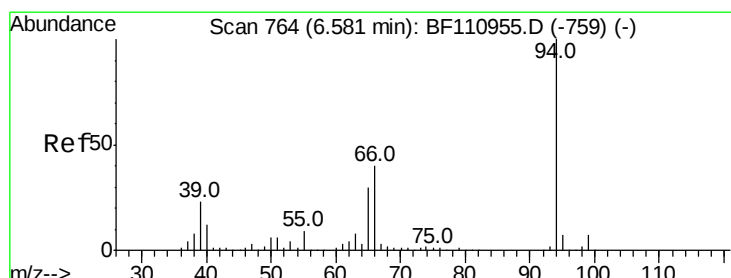
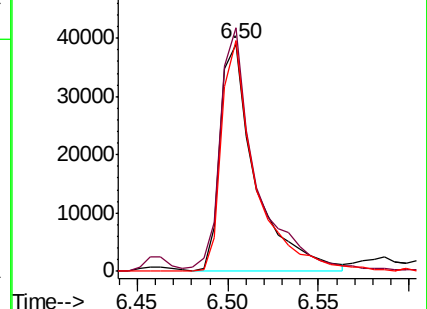
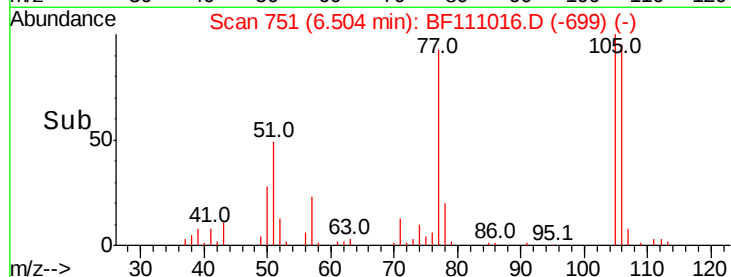
106 101.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#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

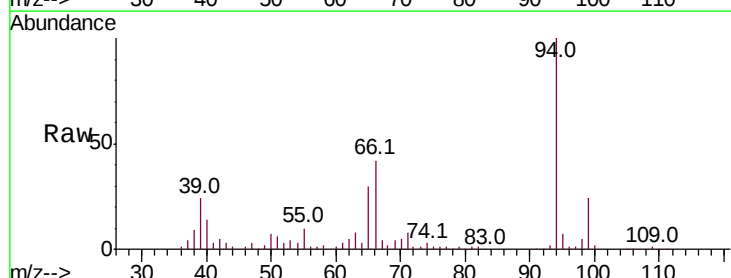
Tgt Ion: 94 Resp: 198902

Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

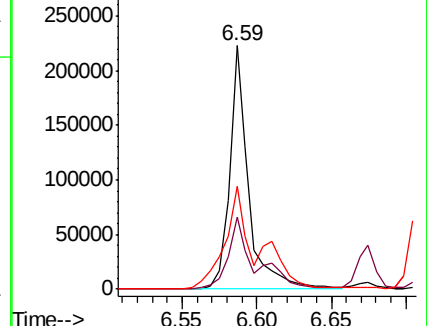
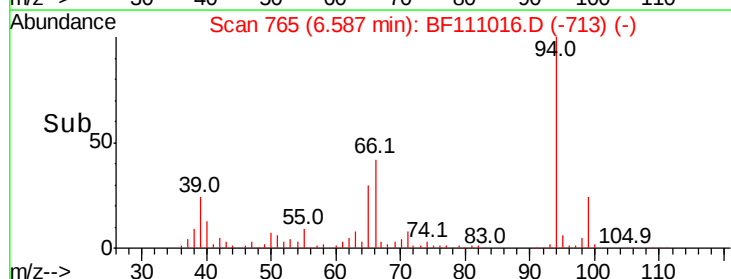
66 42.0 54.5 94.5#

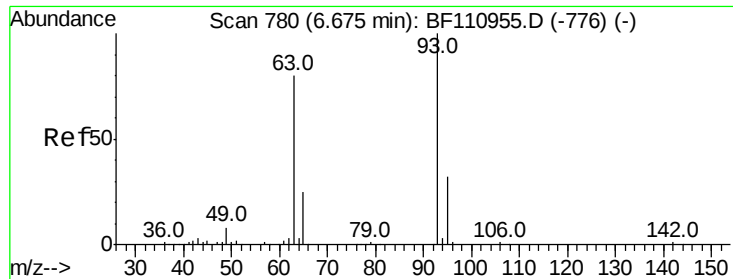


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

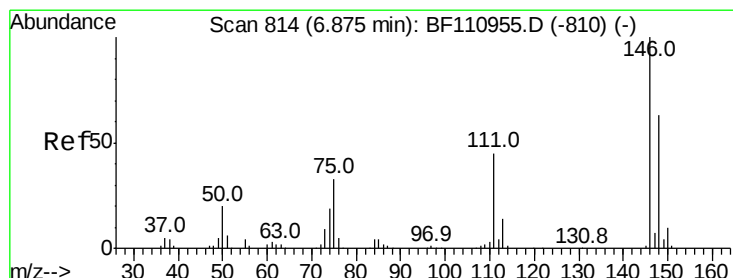
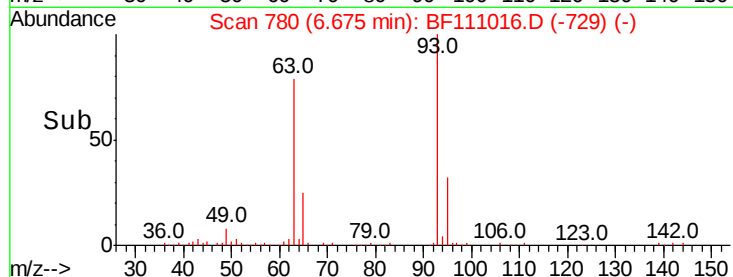
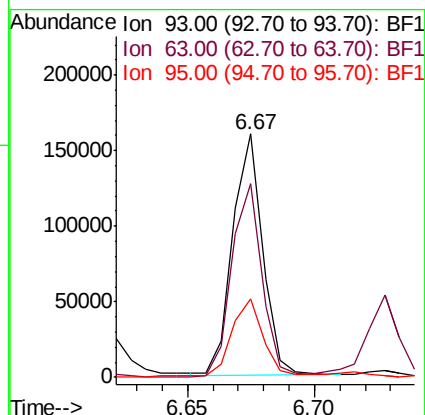
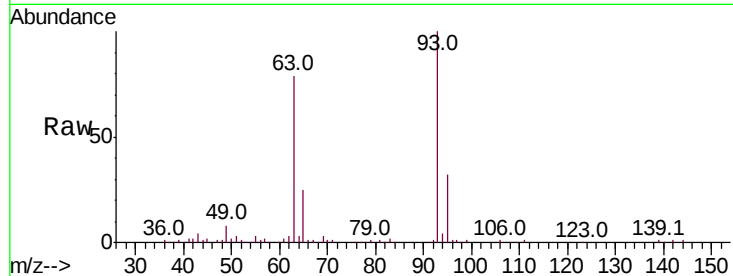




#11
bis(2-Chloroethyl)ether
Concen: 41.083 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

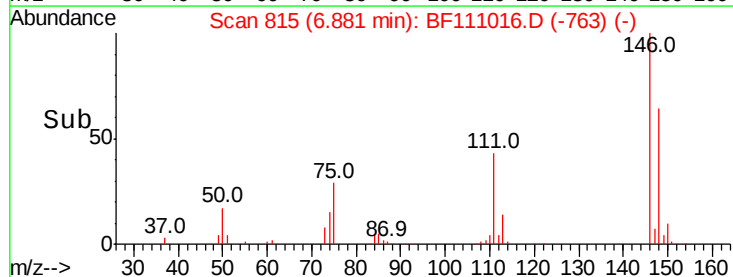
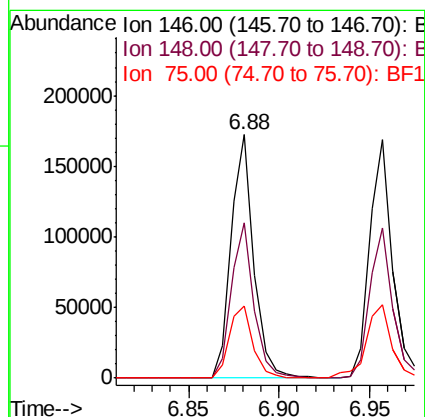
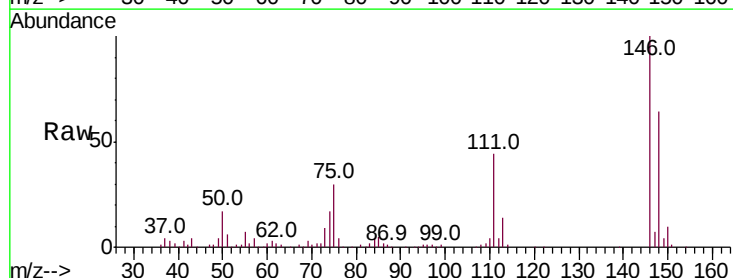
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

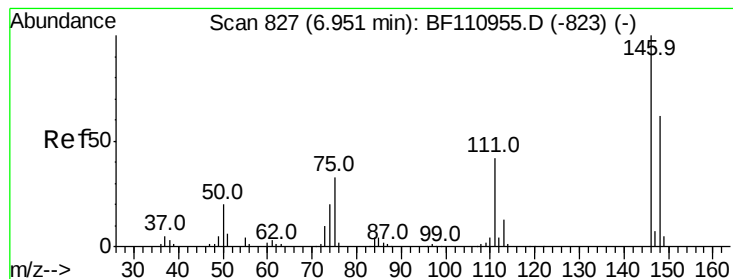
Tot Ion: 93 Resp: 130405
Ion Ratio Lower Upper
93 100
63 79.3 53.4 93.4
95 32.3 12.1 52.1



#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

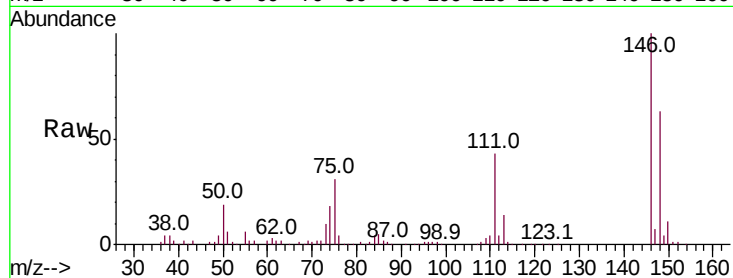
Tot Ion:146 Resp: 150895

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

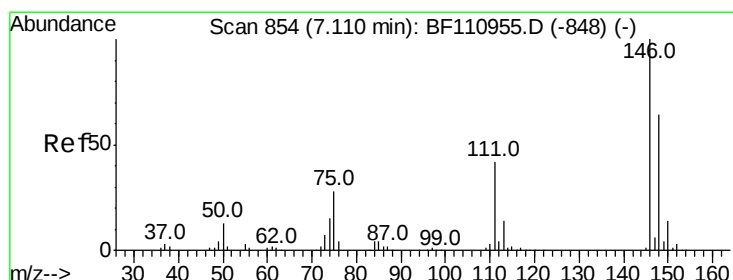
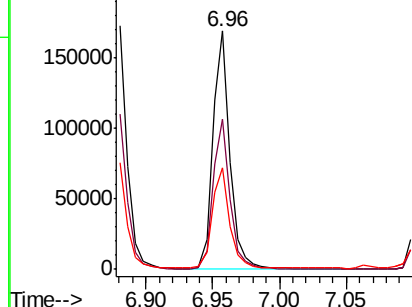
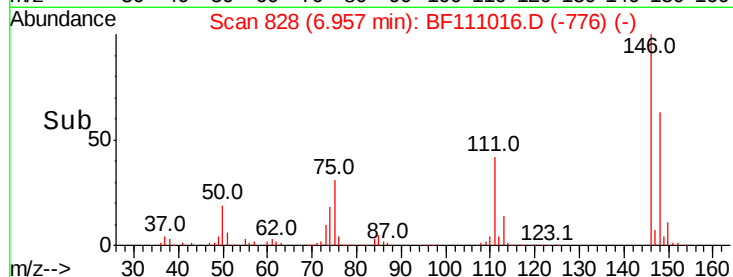
111 42.8 32.7 49.1



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

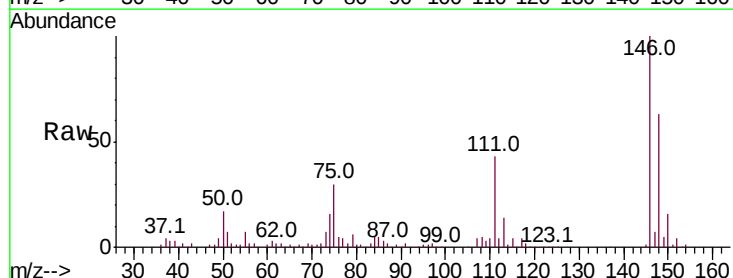
Tgt Ion:146 Resp: 141415

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

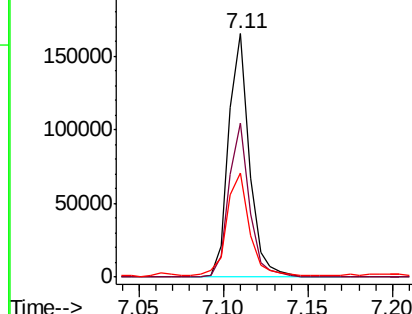
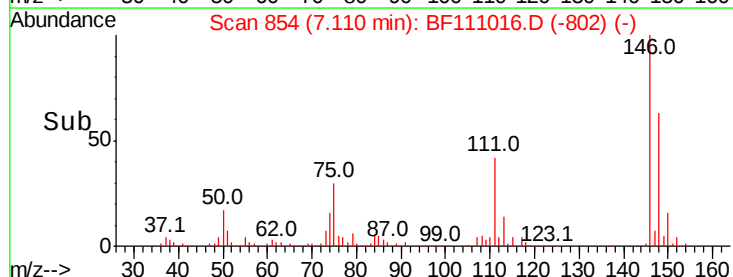
111 42.6 35.8 53.6

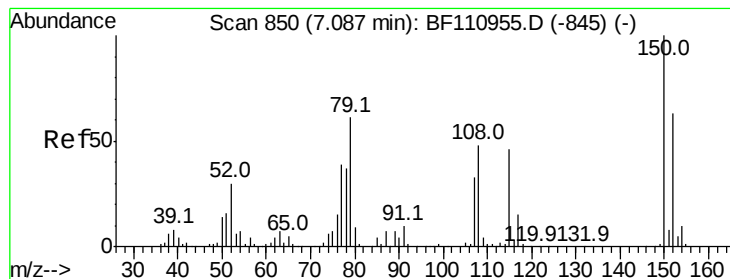


Abundance Ion 146.00 (145.70 to 146.70): E

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

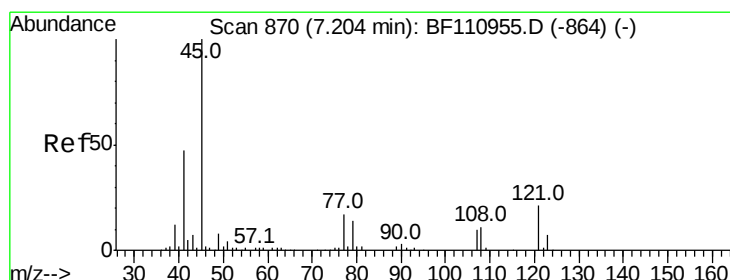
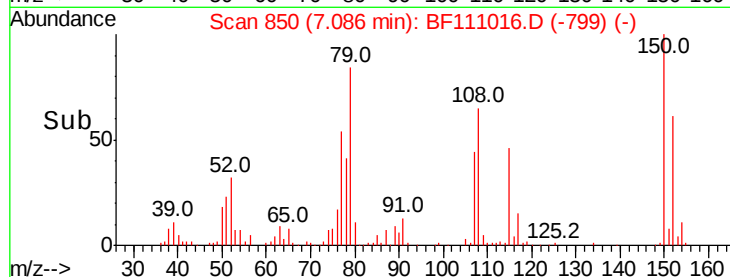
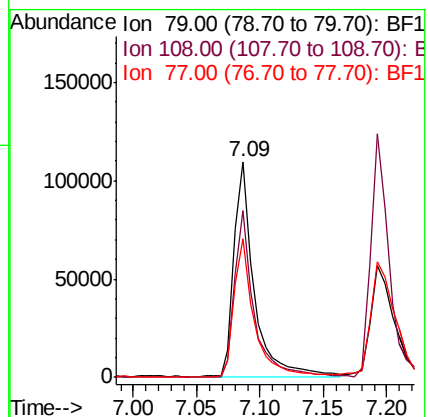
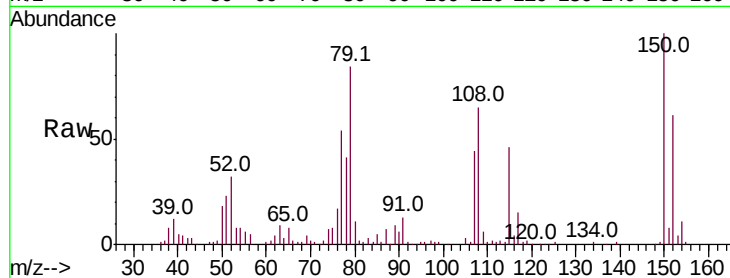
Tot Ion: 79 Resp: 118868

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

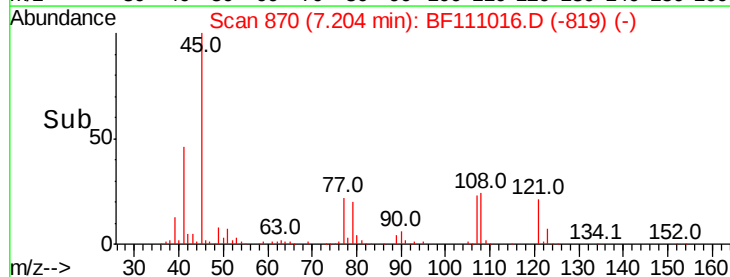
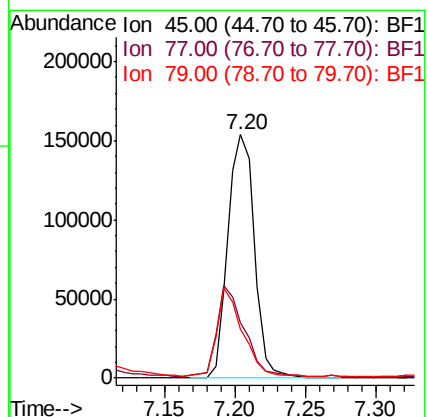
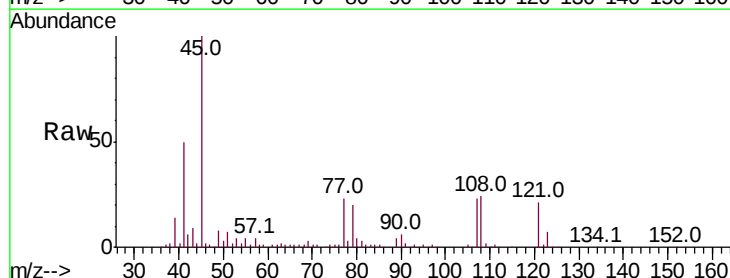
Tgt Ion: 45 Resp: 201208

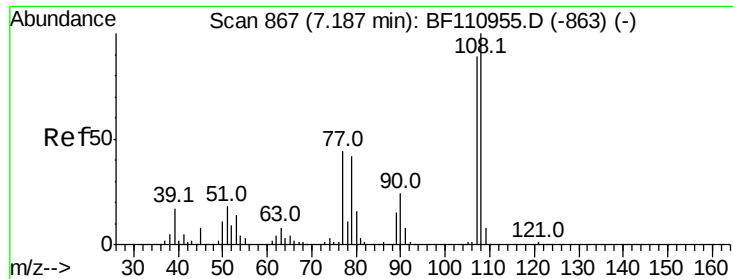
Ion Ratio Lower Upper

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

Tot Ion:107 Resp: 109307

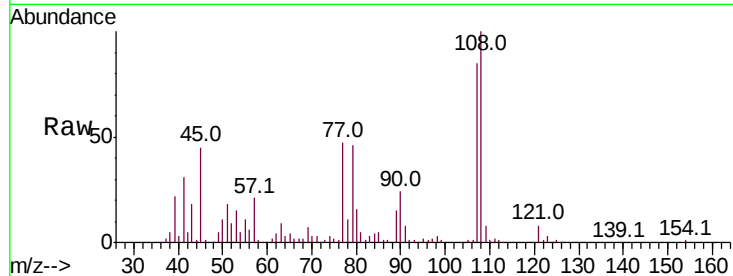
Ion Ratio Lower Upper

107 100

108 117.0 92.6 138.8

77 55.5 59.4 89.2#

79 53.7 54.0 81.0#



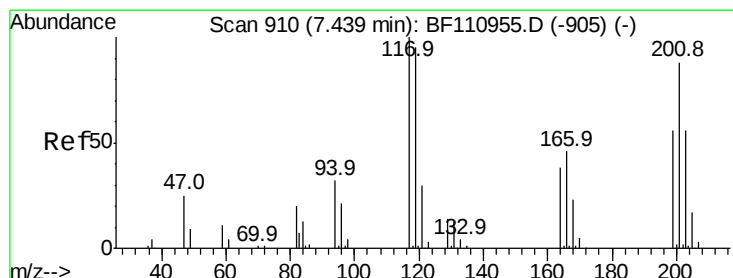
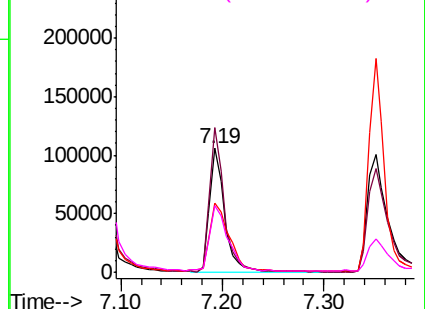
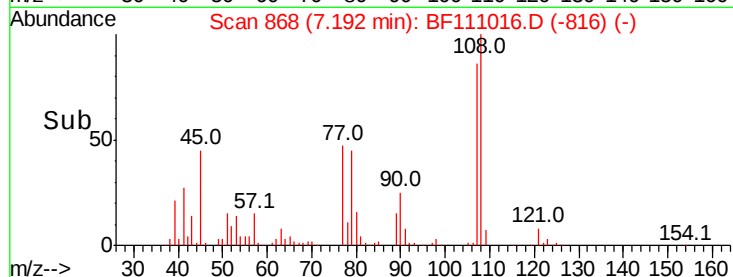
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 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

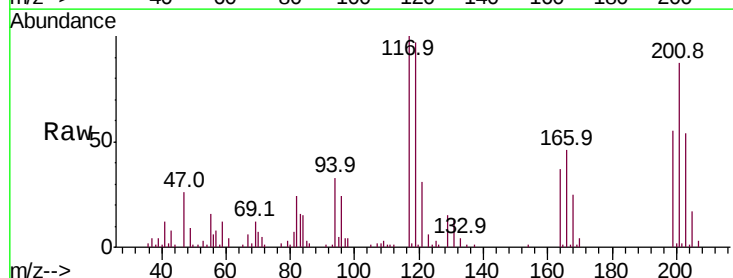
Tgt Ion:117 Resp: 59588

Ion Ratio Lower Upper

117 100

119 97.1 75.0 112.6

201 86.7 79.2 118.8

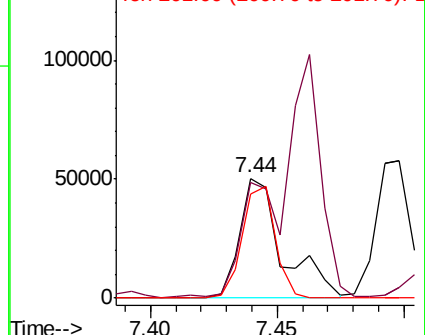
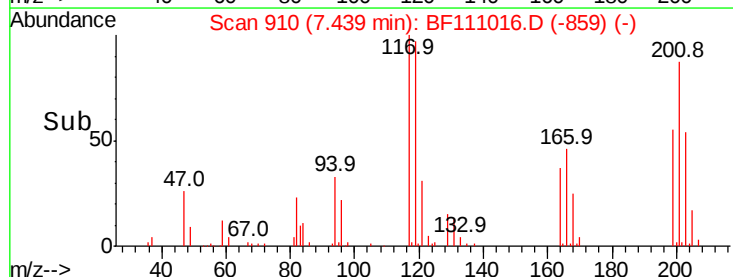


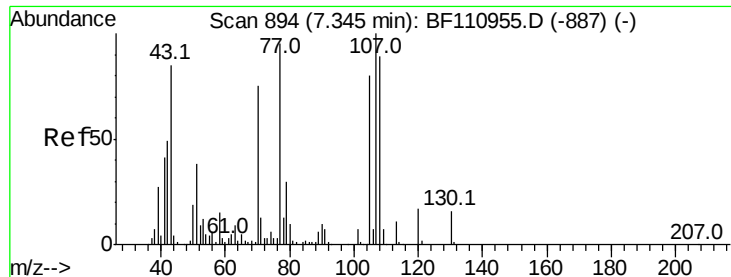
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

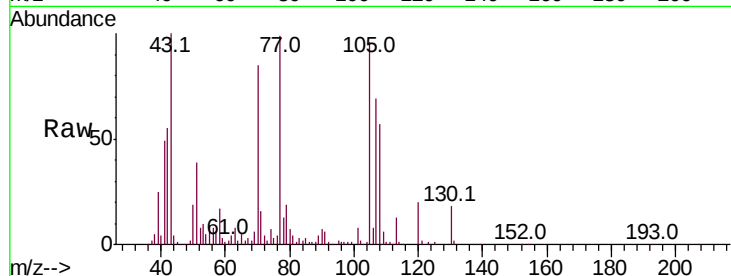




#19
n-Nitroso-di-n-propylamine
Concen: 39.355 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

Tot 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



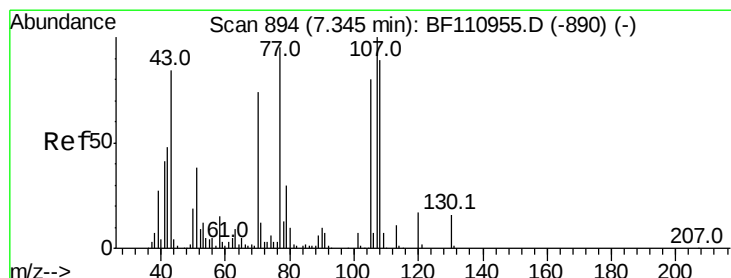
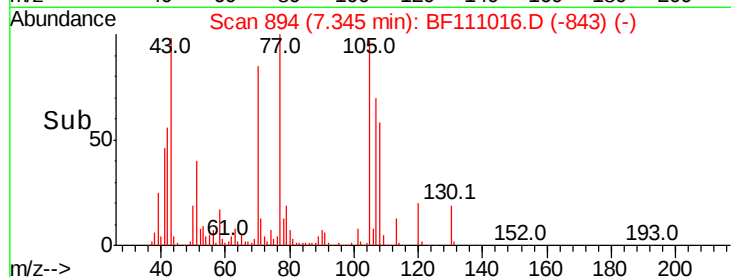
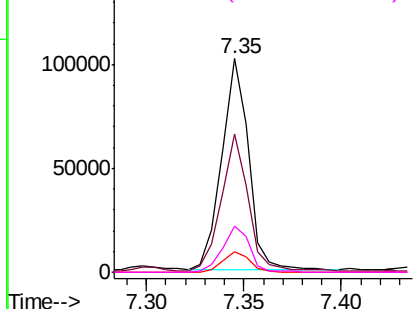
Abundance

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	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

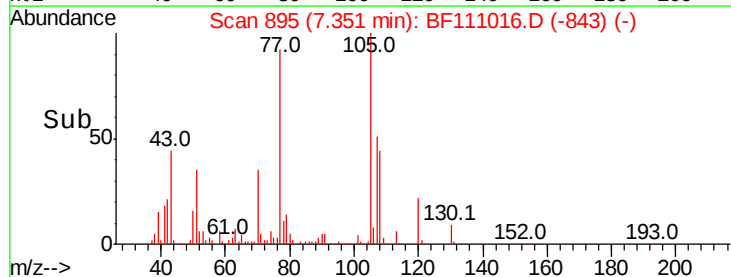
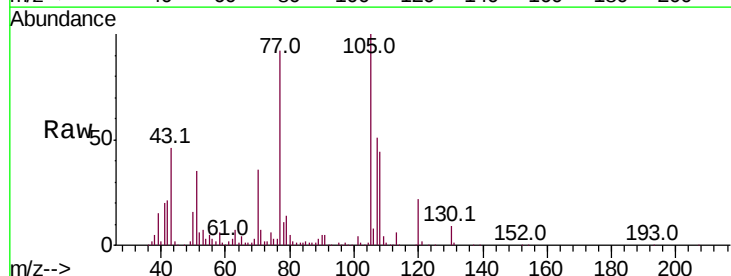
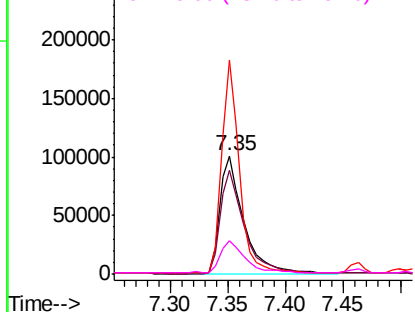
Abundance

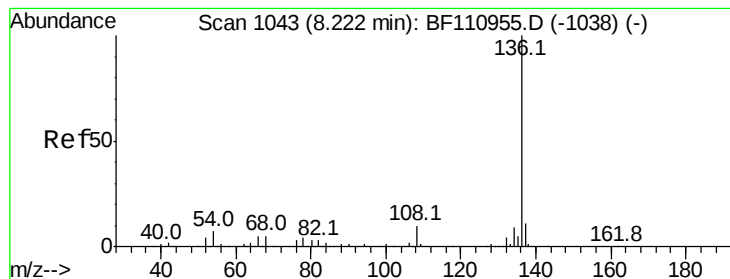
Ion 107.00 (106.70 to 107.70): BF1

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

Tot Ion:136 Resp: 171747

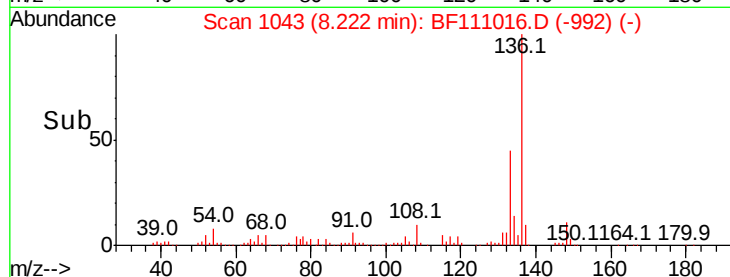
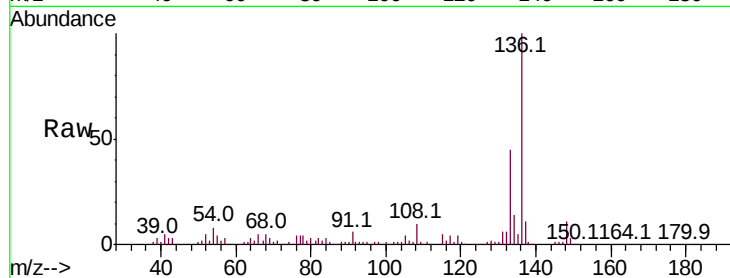
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.5 5.4 8.2#

68 5.0 4.2 6.2

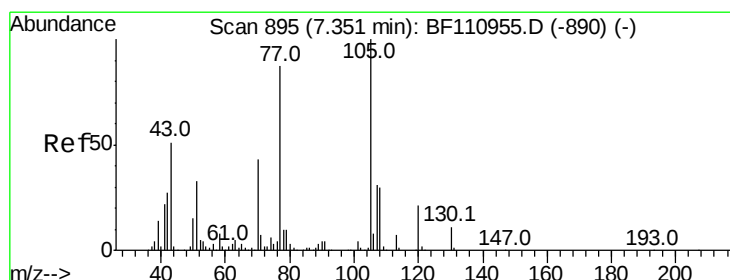
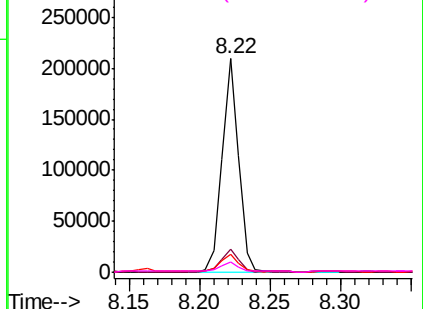


Abundance Ion 136.00 (135.70 to 136.70): E

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

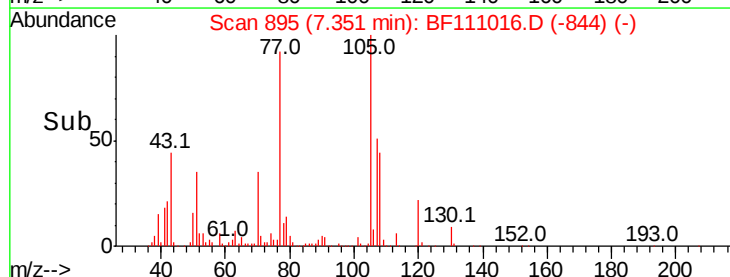
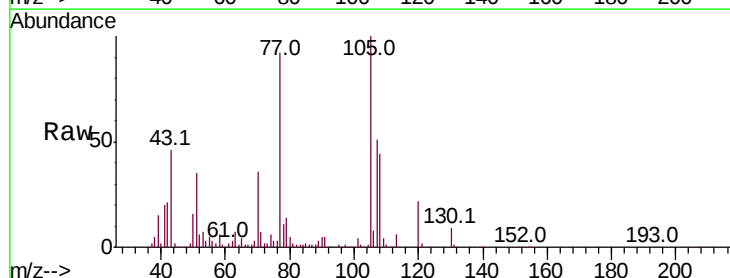
Ion Ratio Lower Upper

105 100

71 6.8 5.2 7.8

51 35.3 21.8 32.8#

120 21.5 17.0 25.4

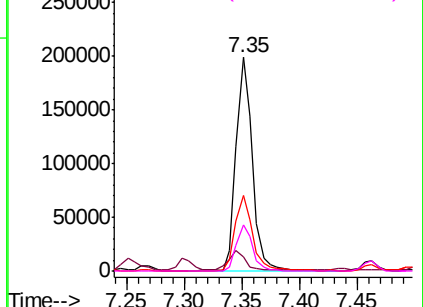


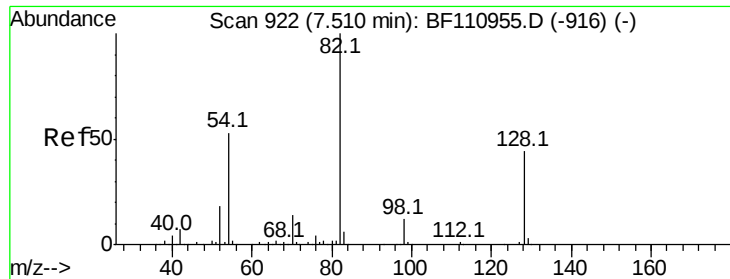
Abundance Ion 105.00 (104.70 to 105.70): E

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

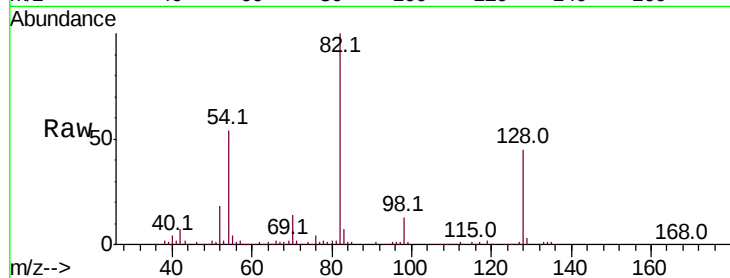




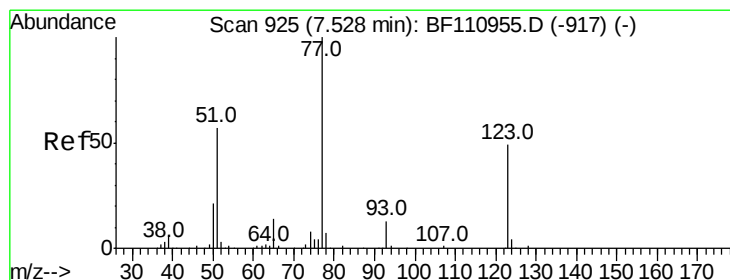
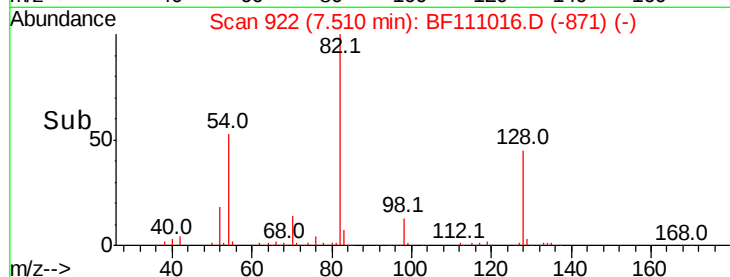
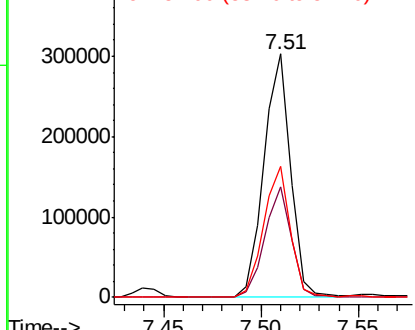
#23
Nitrobenzene-d5
Concen: 94.544 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

Tot Ion: 82 Resp: 283723
Ion Ratio Lower Upper
82 100
128 45.3 34.2 51.2
54 53.6 38.6 58.0

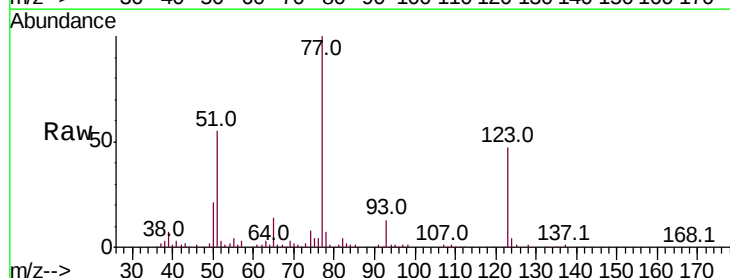


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

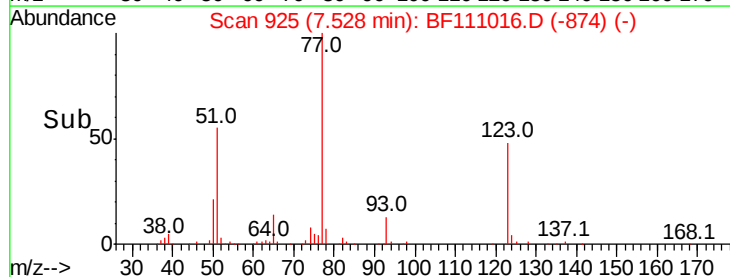
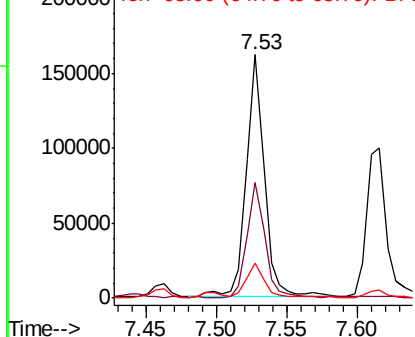


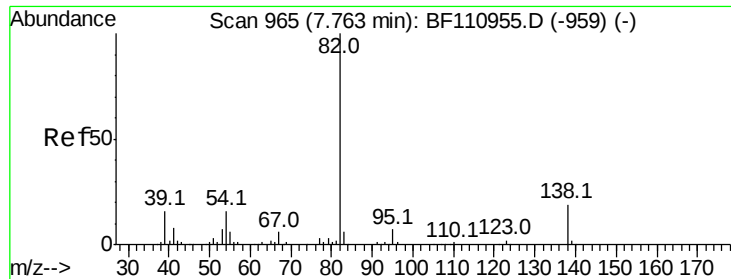
#24
Nitrobenzene
Concen: 47.075 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion: 77 Resp: 146908
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

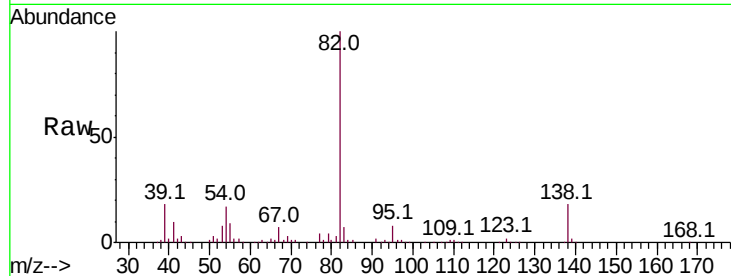
Tot Ion: 82 Resp: 247516

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

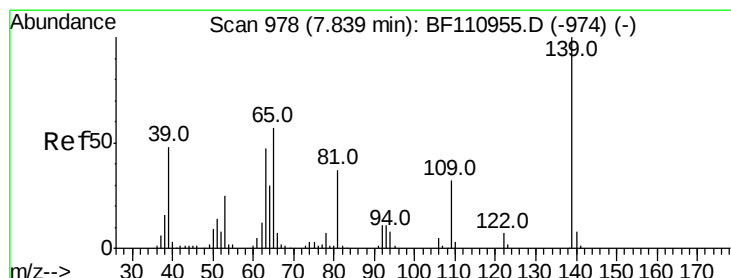
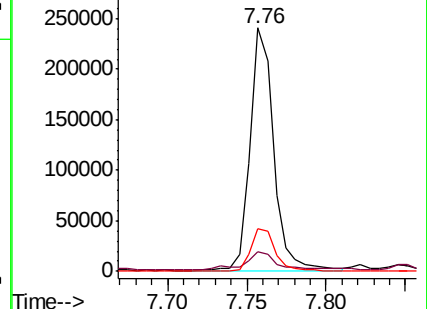
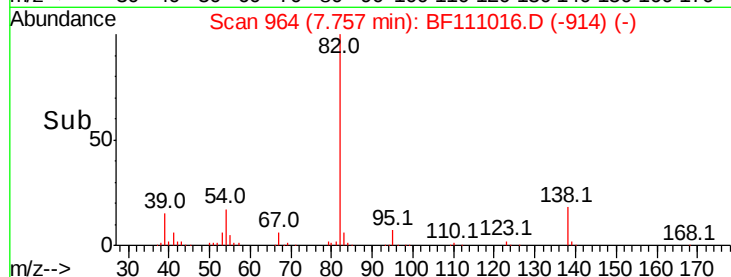
138 17.5 13.2 19.8



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

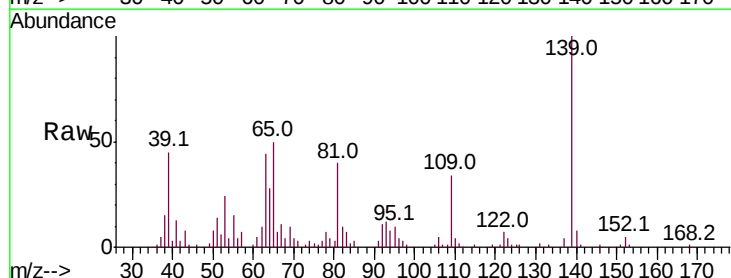
Tgt Ion: 139 Resp: 64169

Ion Ratio Lower Upper

139 100

109 33.9 25.0 37.6

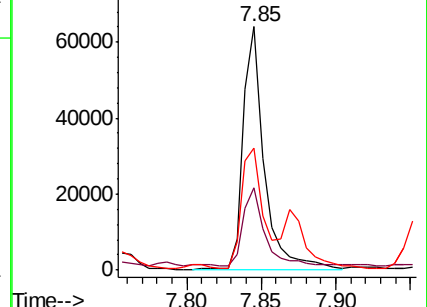
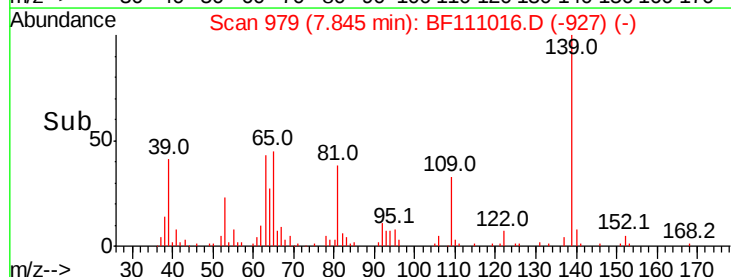
65 50.3 44.0 66.0

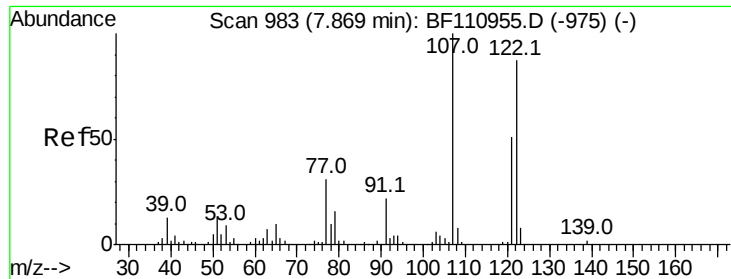


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

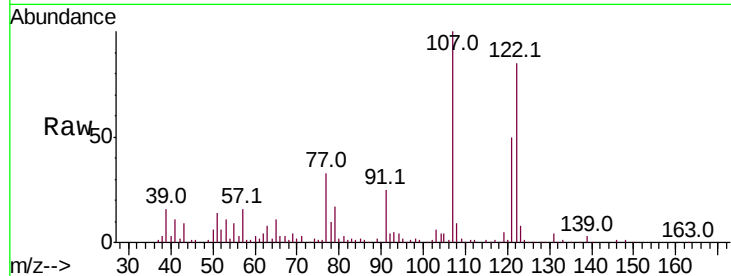




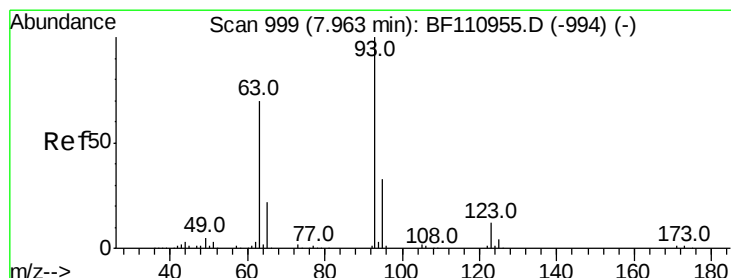
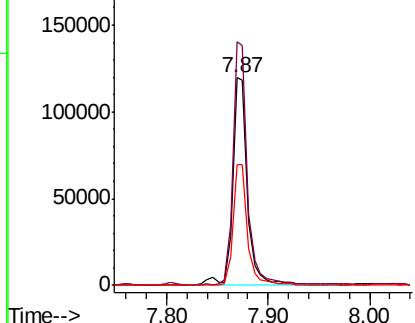
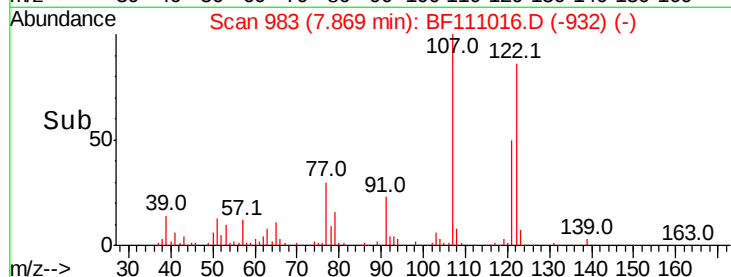
#27
 2,4-Dimethylphenol
 Concen: 53.789 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

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

Tot Ion:122 Resp: 123160
 Ion Ratio Lower Upper
 122 100
 107 117.2 92.5 138.7
 121 58.0 45.8 68.8

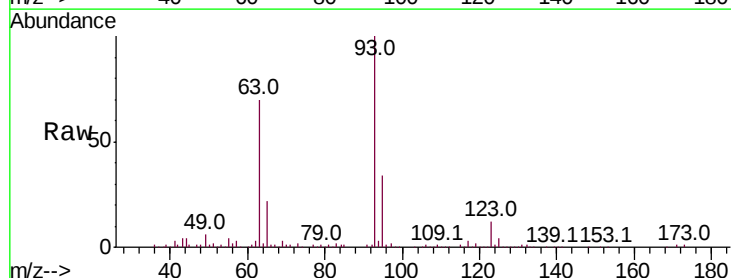


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

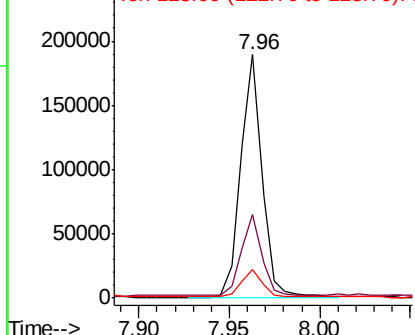
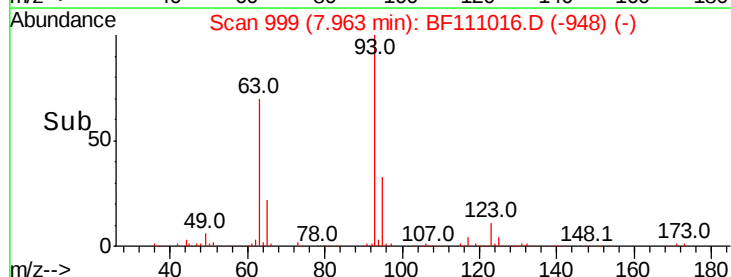


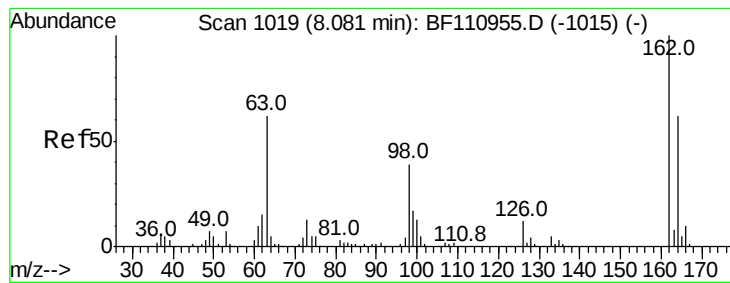
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.076 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

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

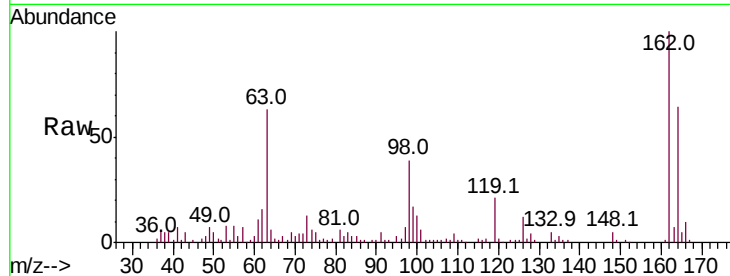
Tot Ion:162 Resp: 109479

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

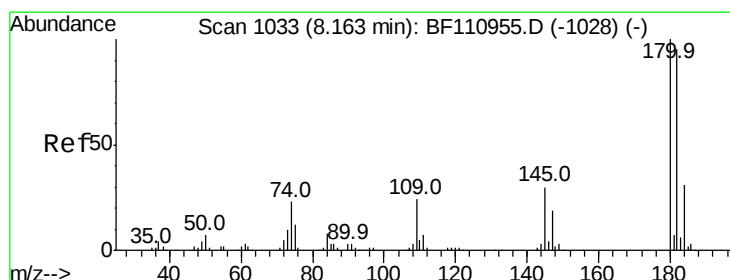
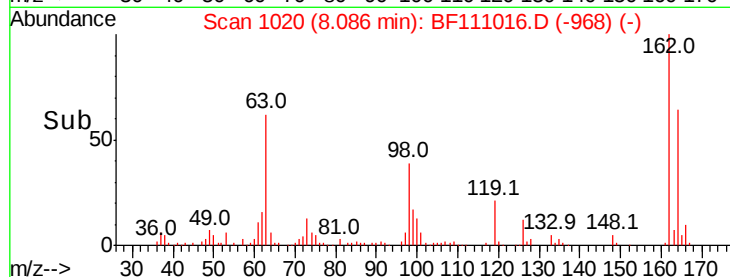
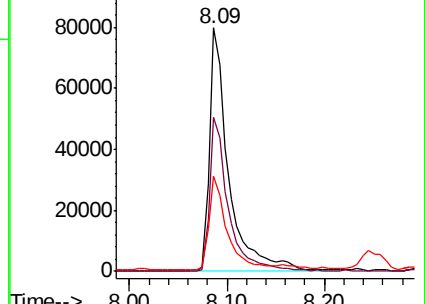
98 39.3 17.4 57.4



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

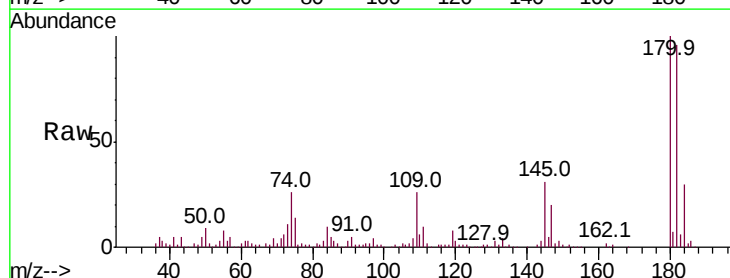
Tgt Ion:180 Resp: 112611

Ion Ratio Lower Upper

180 100

182 96.4 80.3 120.5

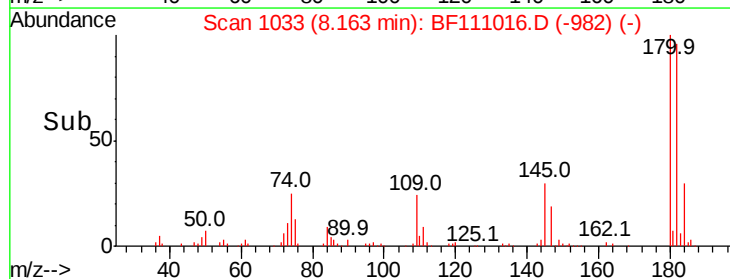
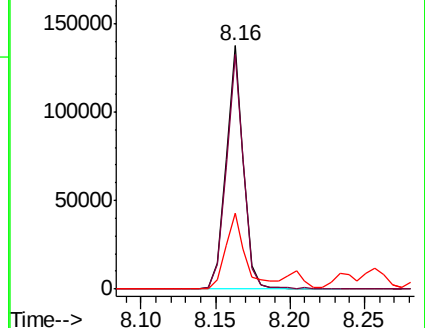
145 31.2 25.4 38.0

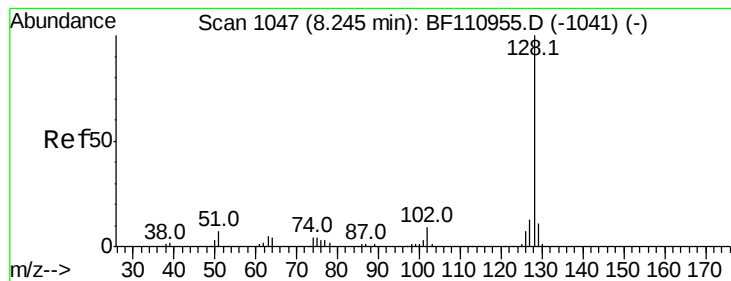


Abundance Ion 180.00 (179.70 to 180.70): E

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

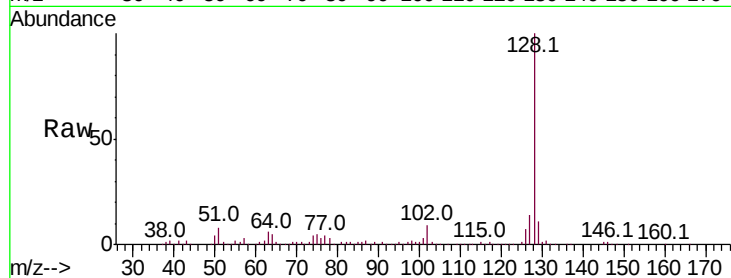
Tot Ion:128 Resp: 371406

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

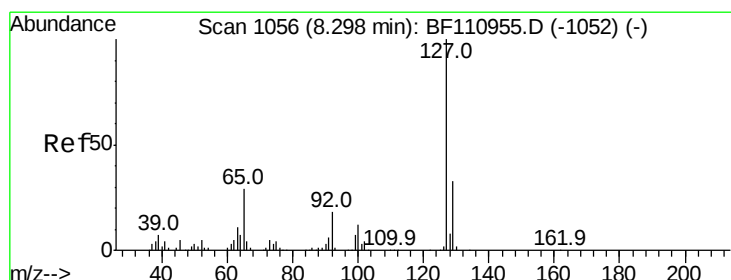
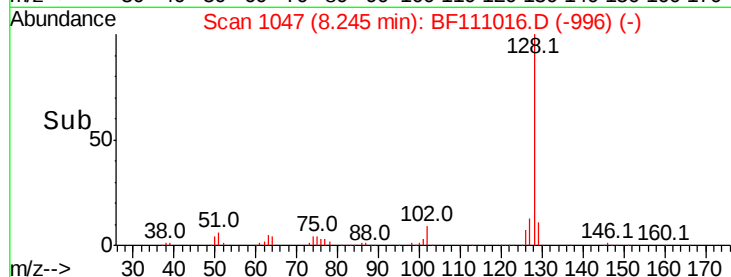
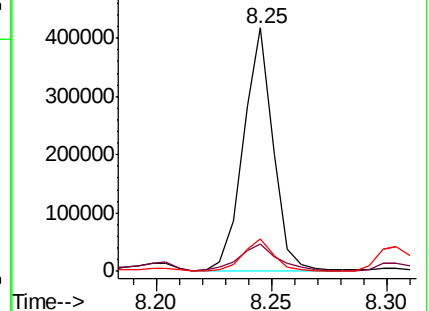
127 13.5 10.8 16.2



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



#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

Tgt Ion:127 Resp: 59507

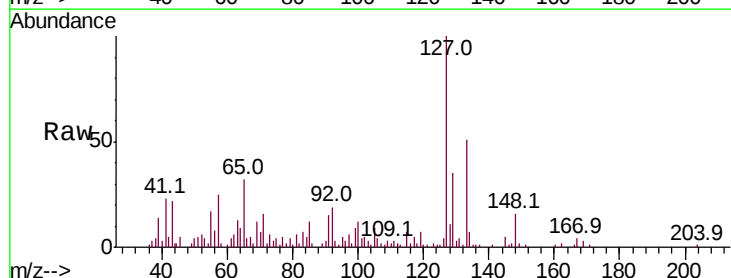
Ion Ratio Lower Upper

127 100

129 34.6 26.0 39.0

65 32.1 25.1 37.7

92 19.2 15.0 22.6

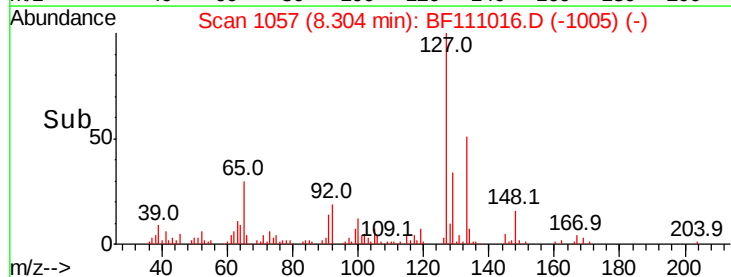
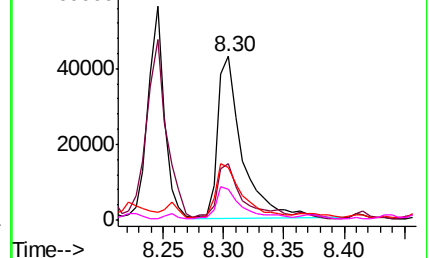


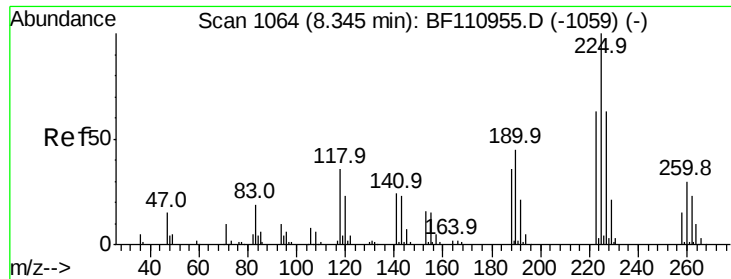
Abundance Ion 127.00 (126.70 to 127.70): E

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

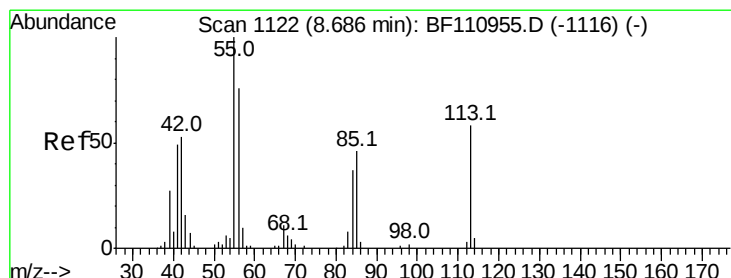
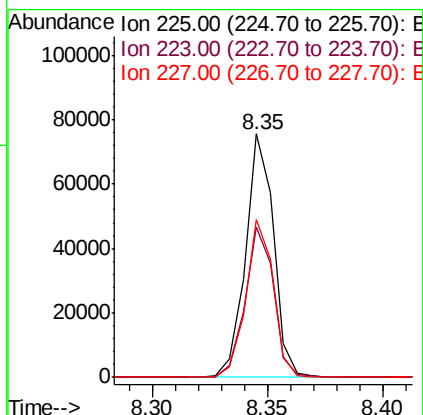
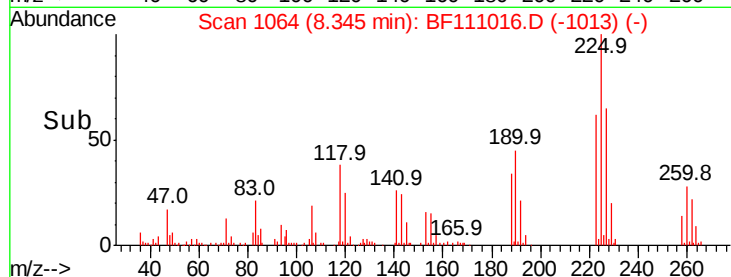
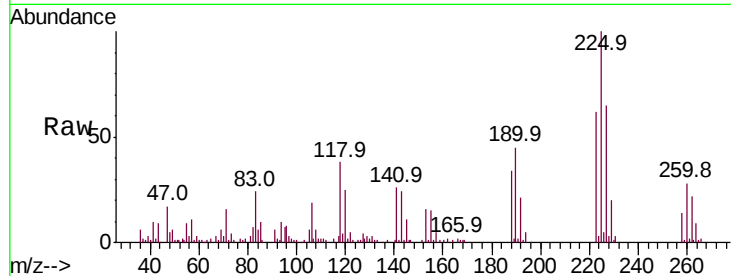




#34
Hexachlorobutadiene
Concen: 41.977 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

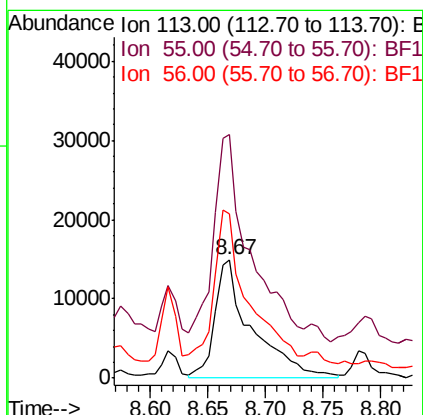
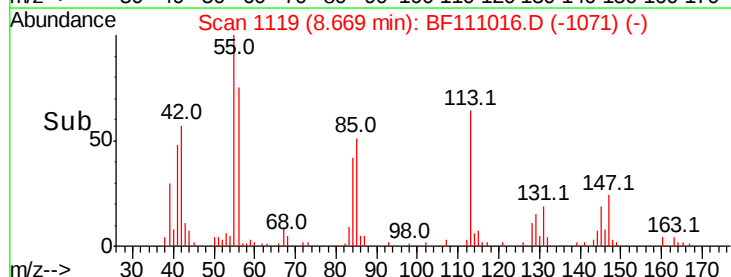
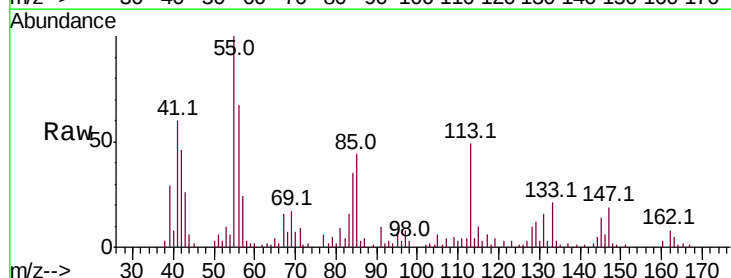
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

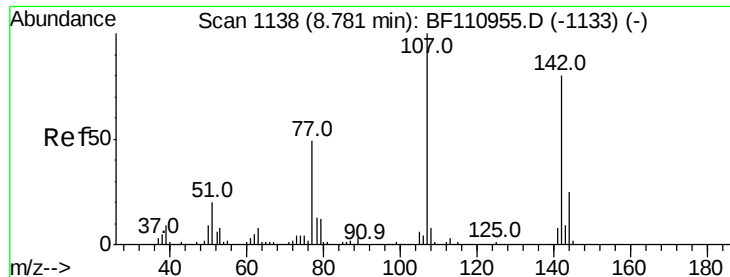
Tot Ion:225 Resp: 64198
Ion Ratio Lower Upper
225 100
223 61.7 51.4 77.2
227 64.7 51.0 76.6



#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

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

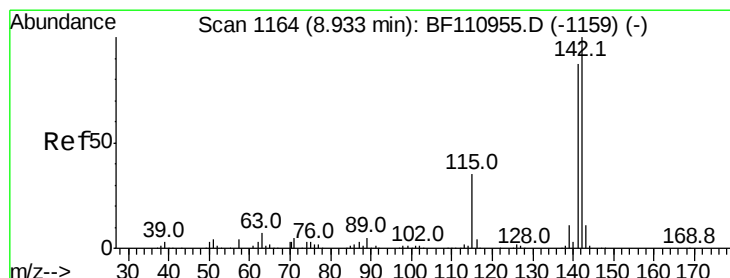
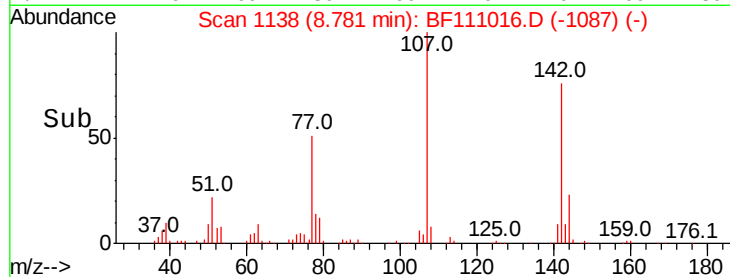
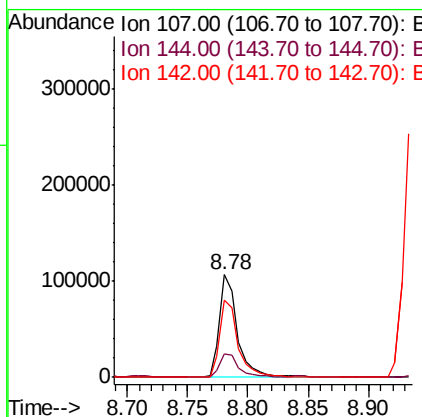
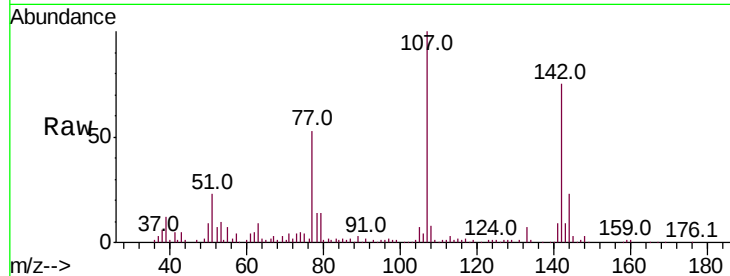




#36
 4-Chloro-3-methylphenol
 Concen: 40.716 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

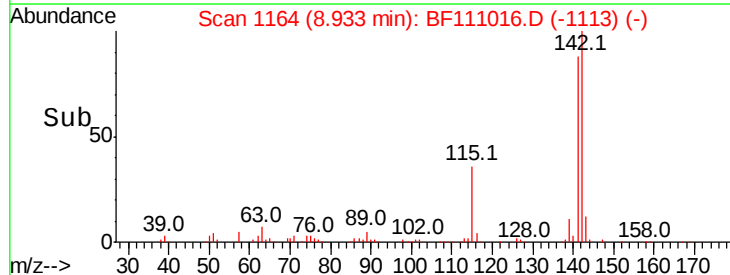
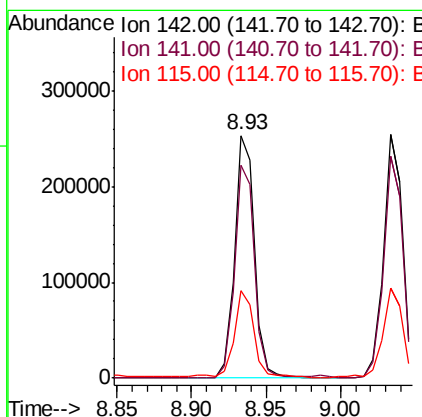
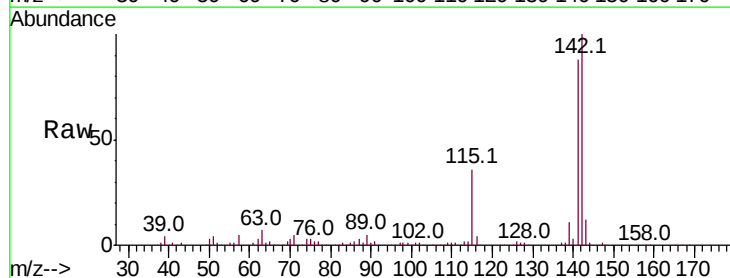
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

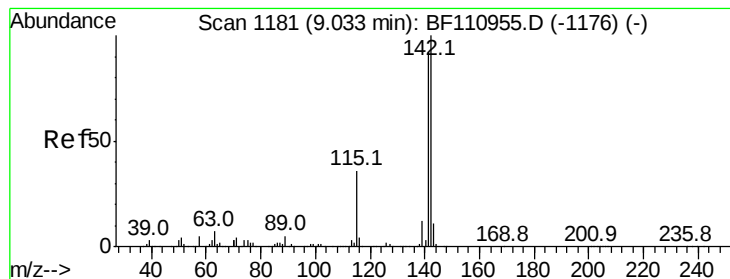
Tot Ion:107 Resp: 108393
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.0 30.0
 142 75.4 59.7 89.5



#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

Tgt Ion:142 Resp: 237013
 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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

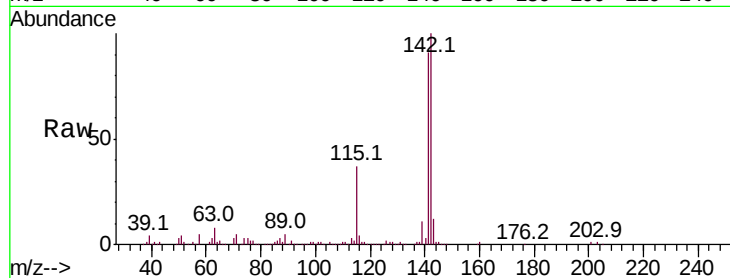
Tot Ion:142 Resp: 221584

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

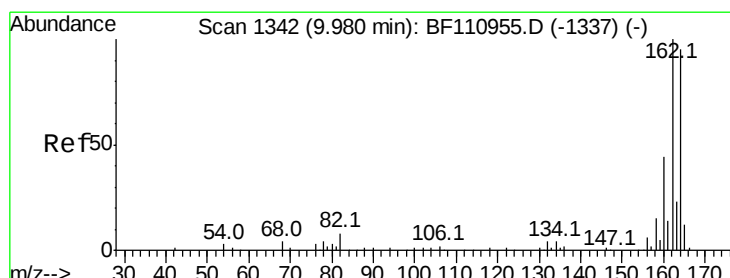
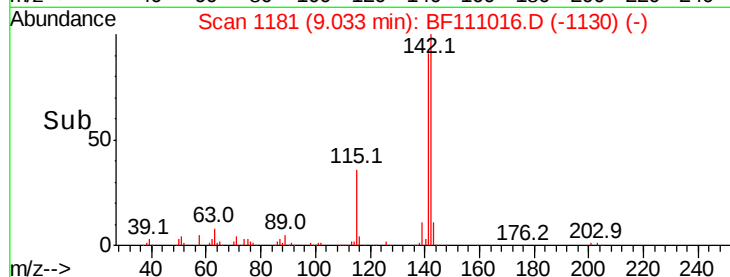
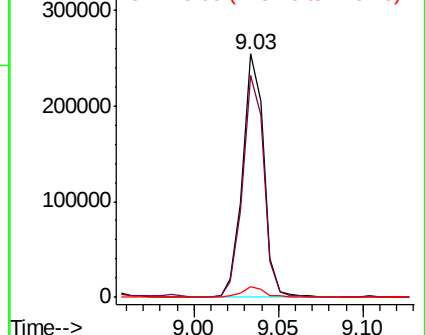
116 4.1 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#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

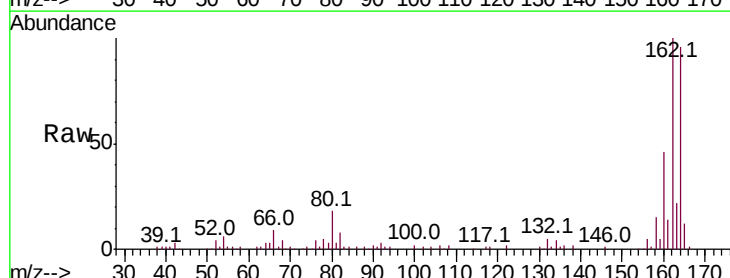
Tgt Ion:164 Resp: 70791

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

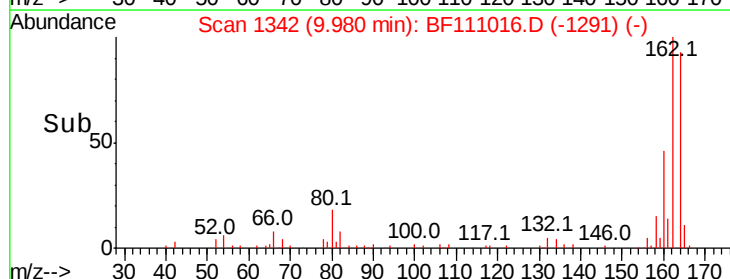
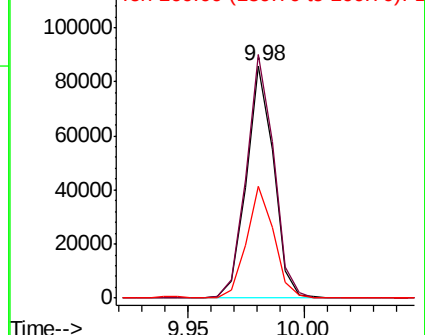
160 48.0 37.0 55.6

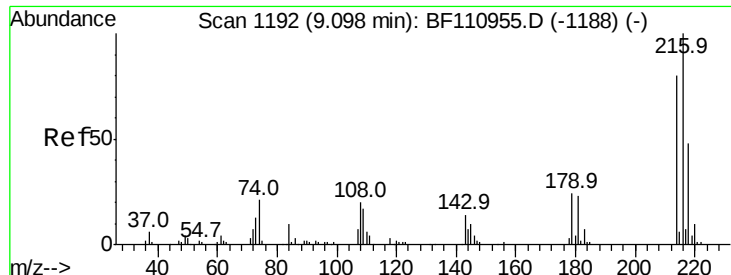


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

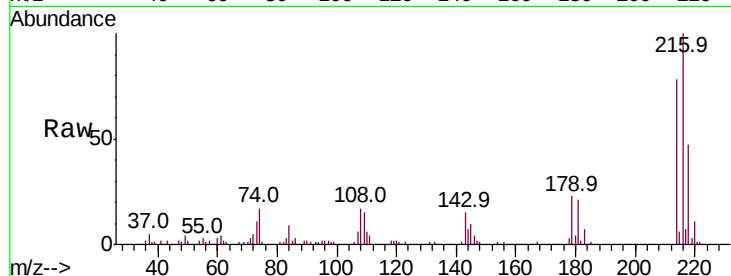




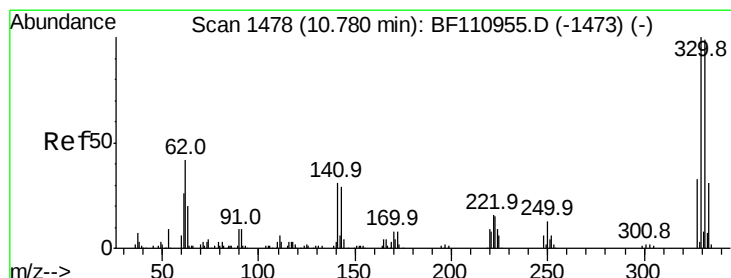
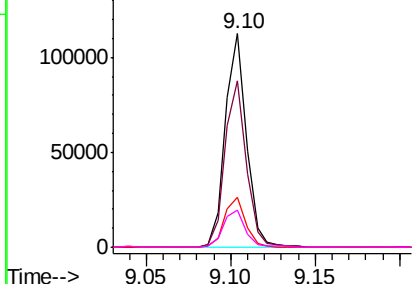
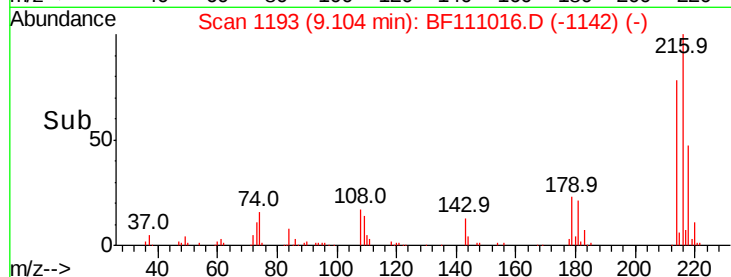
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.149 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

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

Tot 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

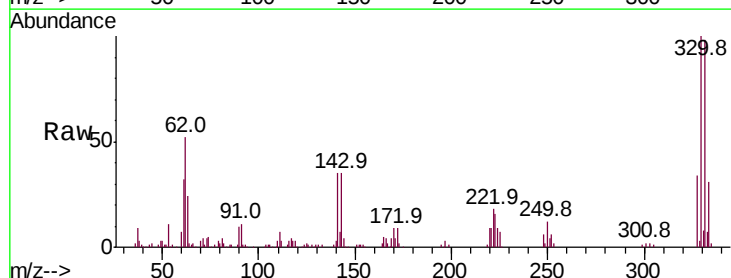


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

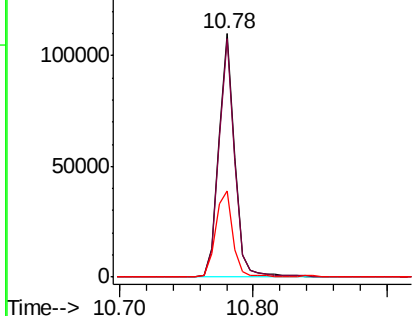
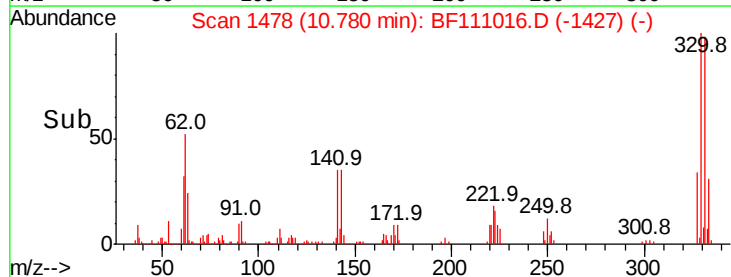


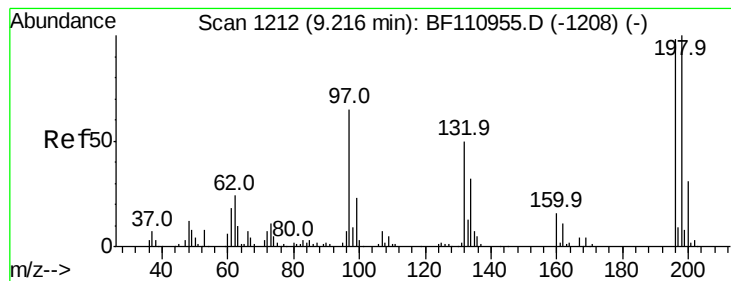
#42
 2,4,6-Tribromophenol
 Concen: 132.035 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

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

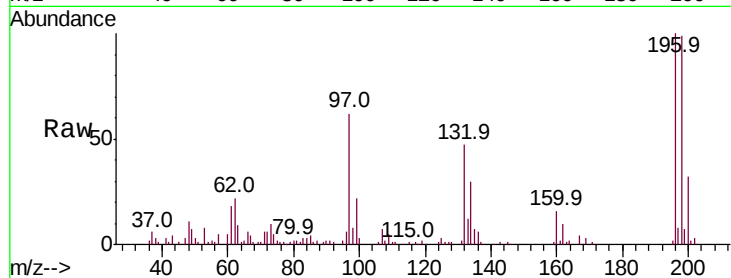
Tot Ion:196 Resp: 64045

Ion Ratio Lower Upper

196 100

198 99.4 76.2 114.4

200 31.5 24.4 36.6

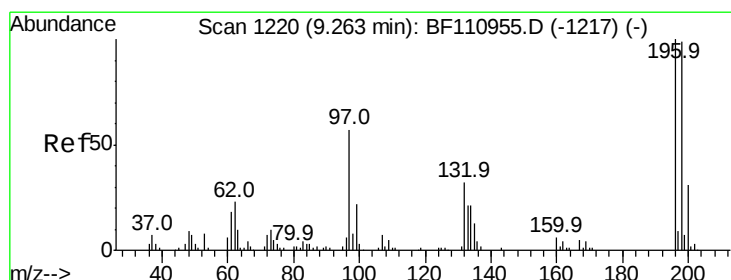
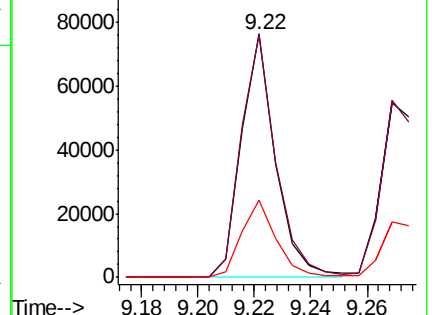
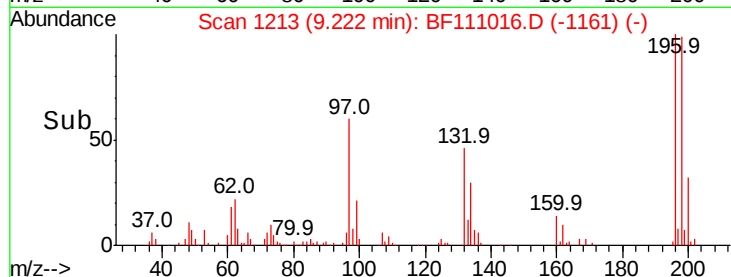


Abundance

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

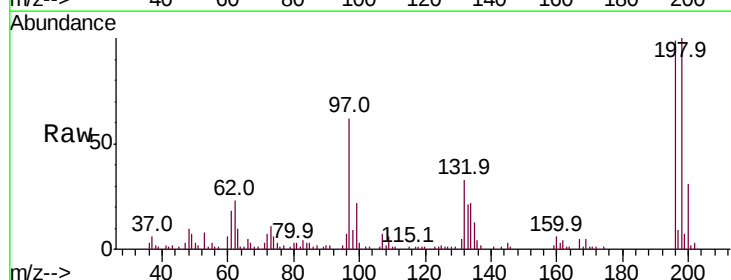
Ion Ratio Lower Upper

196 100

198 101.4 75.8 113.6

97 63.0 42.4 63.6

132 33.2 22.8 34.2



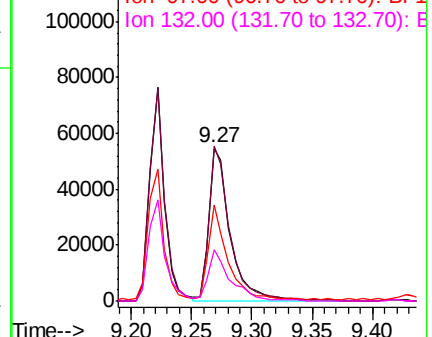
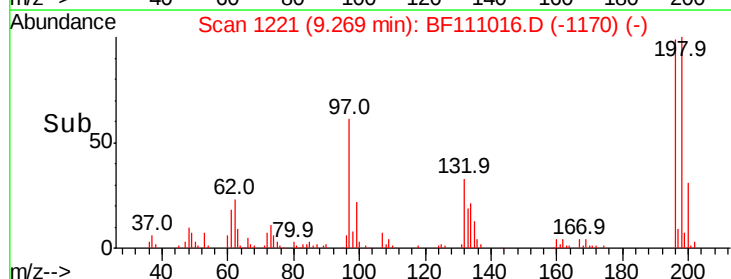
Abundance

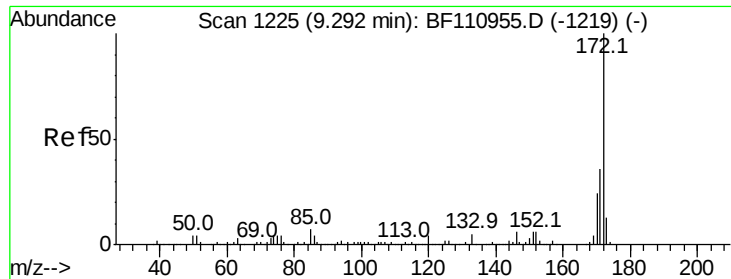
Ion 196.00 (195.70 to 196.70): E

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

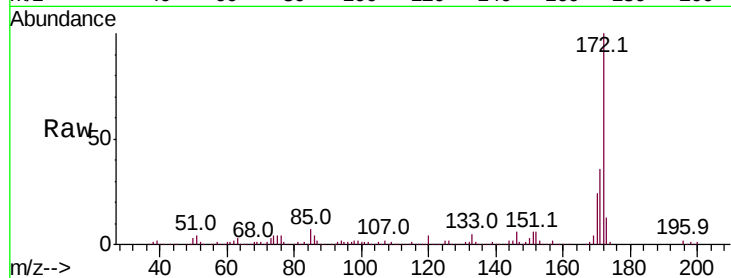




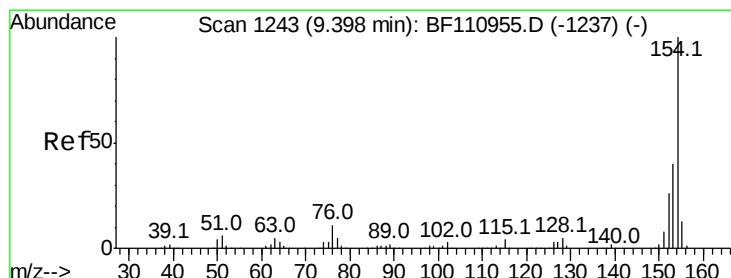
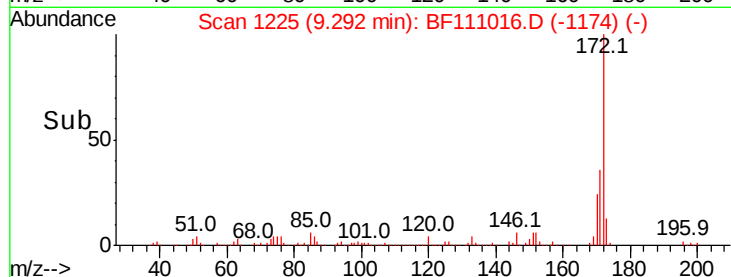
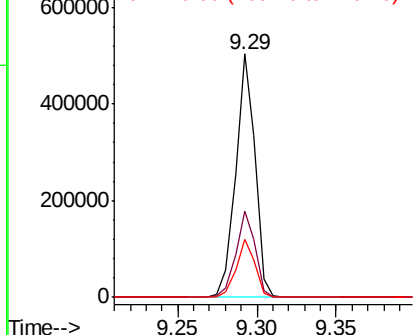
#45
2-Fluorobiphenyl
Concen: 86.794 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

Tot Ion:172 Resp: 424098
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.7 19.7 29.5

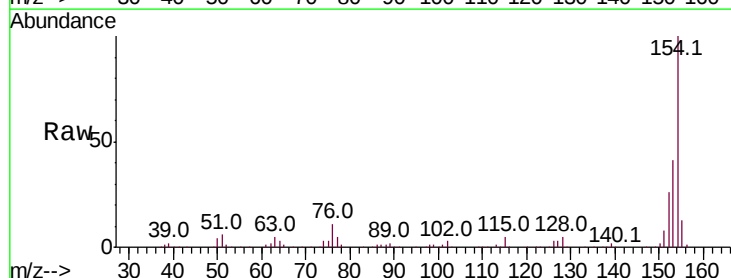


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

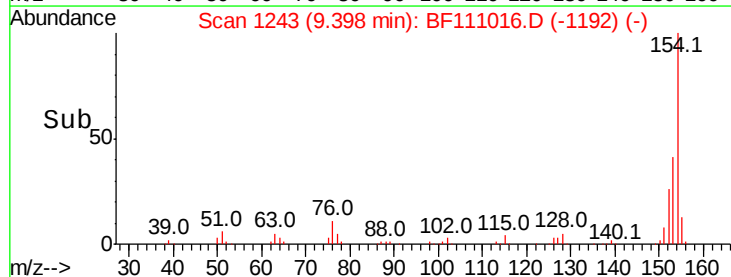
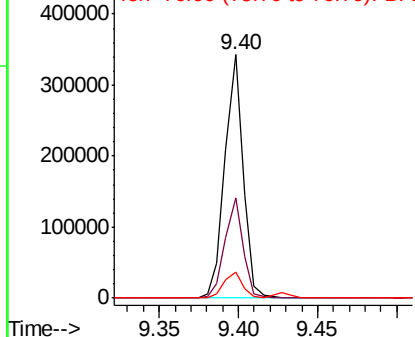


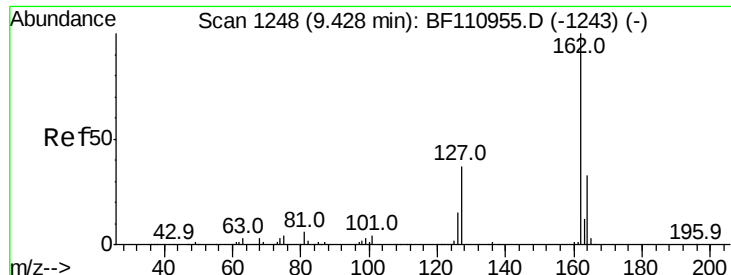
#46
1,1'-Biphenyl
Concen: 42.055 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:154 Resp: 274473
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 10.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#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

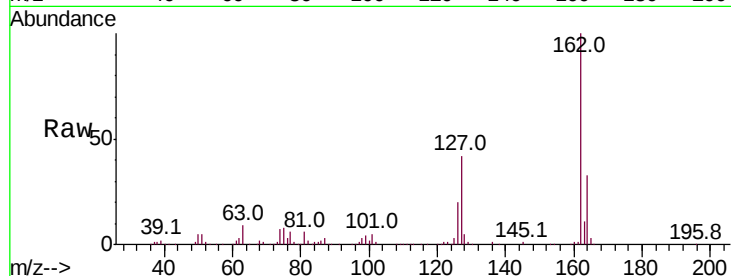
Tot Ion:162 Resp: 206481

Ion Ratio Lower Upper

162 100

127 41.8 32.6 48.8

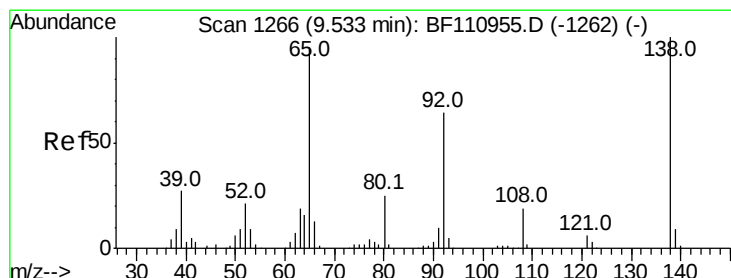
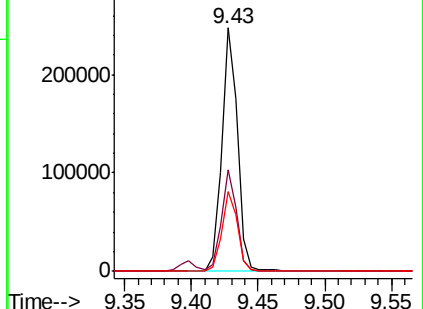
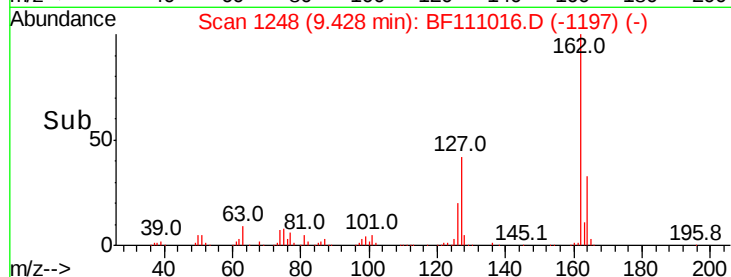
164 32.5 25.9 38.9



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

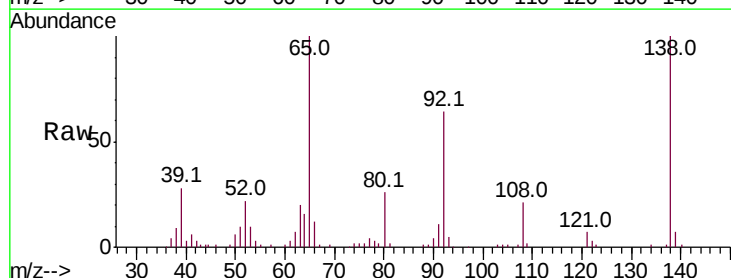
Tgt Ion: 65 Resp: 72165

Ion Ratio Lower Upper

65 100

92 64.2 54.6 81.8

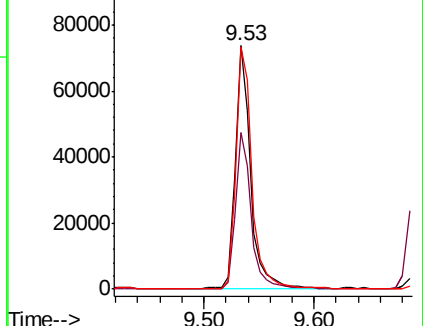
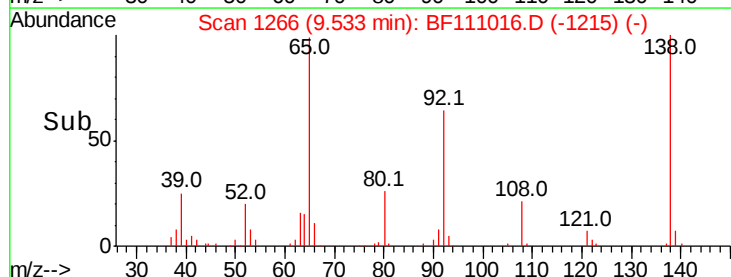
138 99.8 80.3 120.5

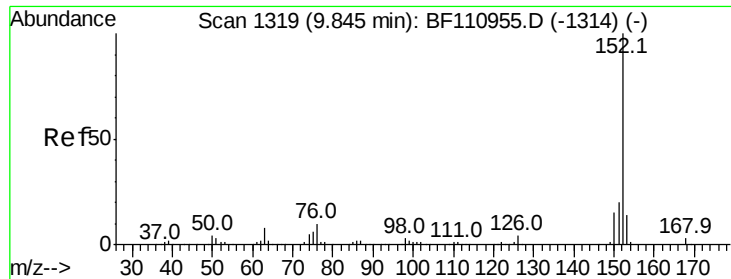


Abundance Ion 65.00 (64.70 to 65.70): BF1

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

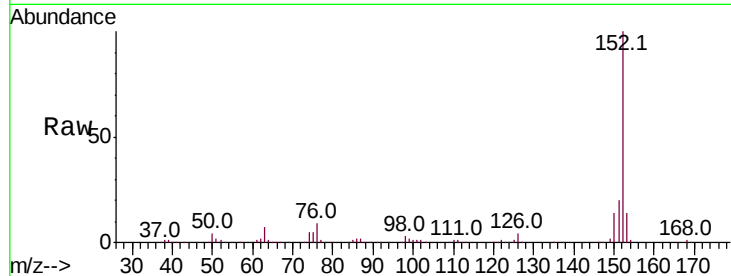
Tot Ion:152 Resp: 313346

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

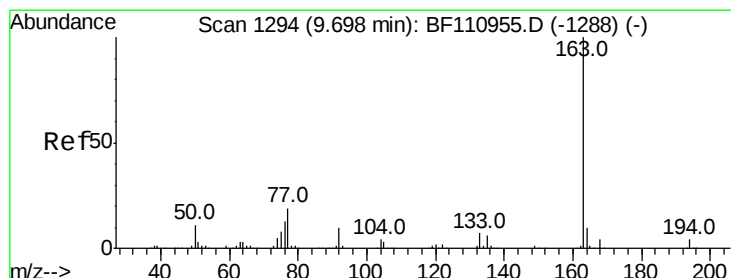
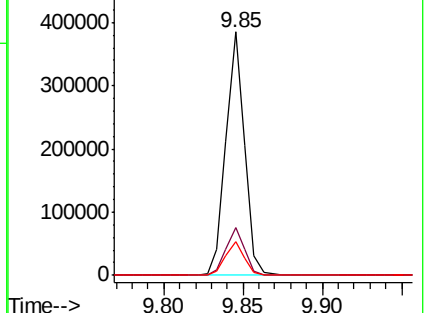
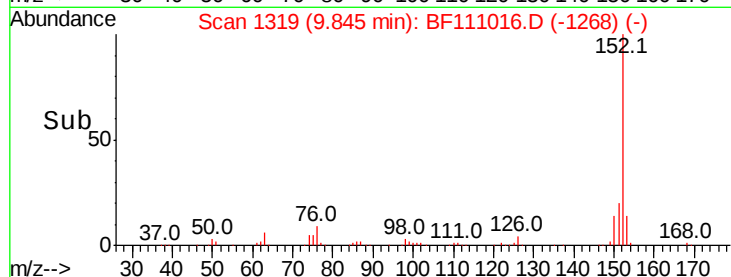
153 13.6 10.4 15.6



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

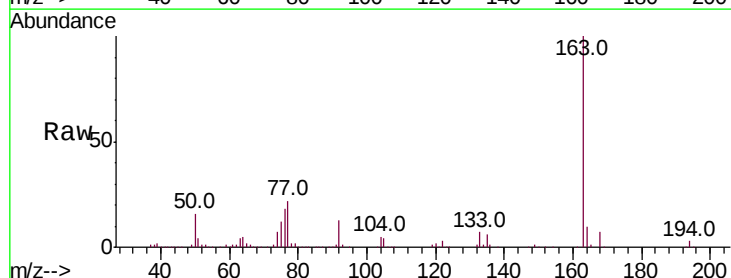
Tgt Ion:163 Resp: 279944

Ion Ratio Lower Upper

163 100

194 3.3 3.2 4.8

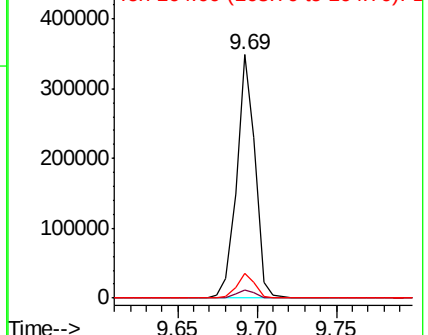
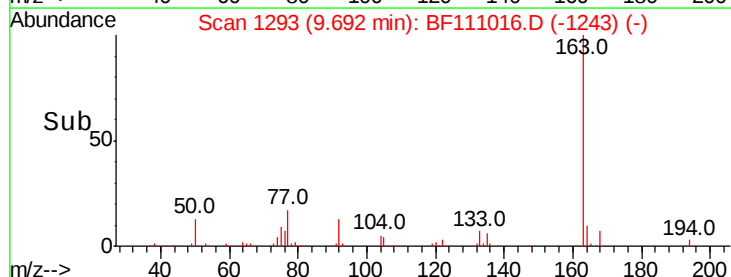
164 10.2 8.1 12.1

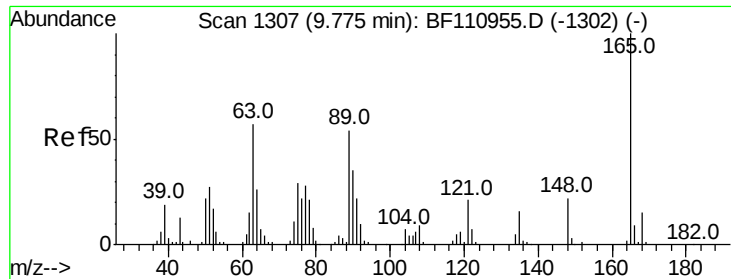


Abundance Ion 163.00 (162.70 to 163.70): E

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

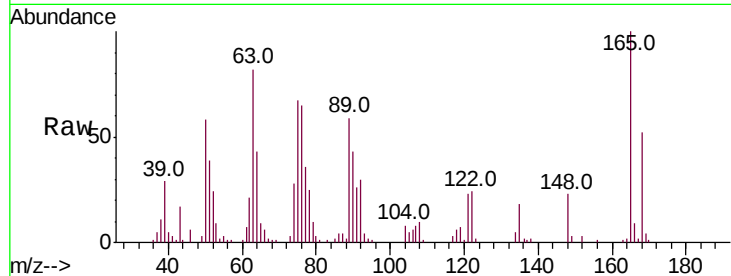
Tot Ion:165 Resp: 47826

Ion Ratio Lower Upper

165 100

63 81.7 48.9 73.3#

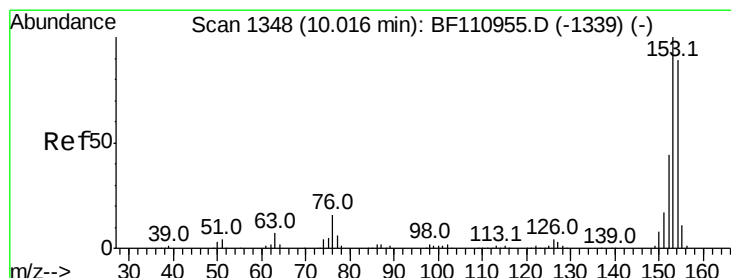
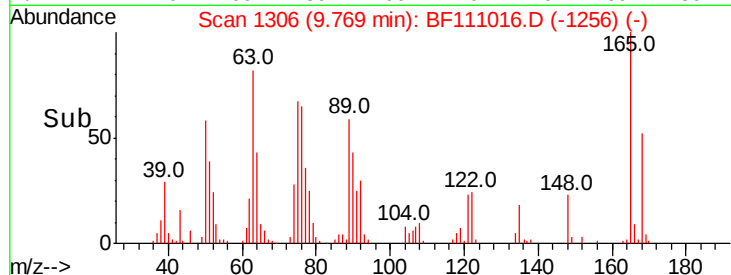
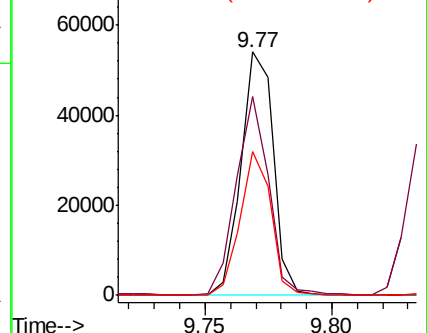
89 59.0 46.6 69.8



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

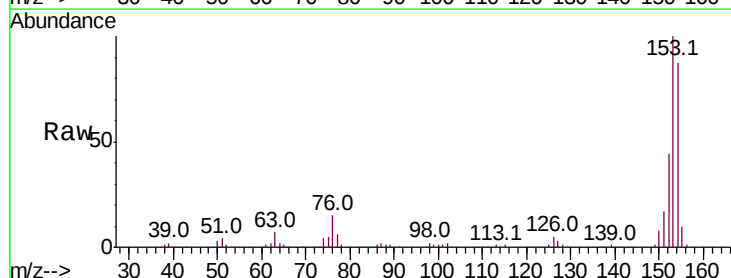
Tgt Ion:154 Resp: 185189

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

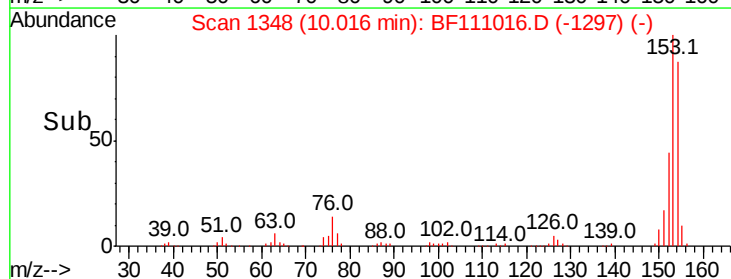
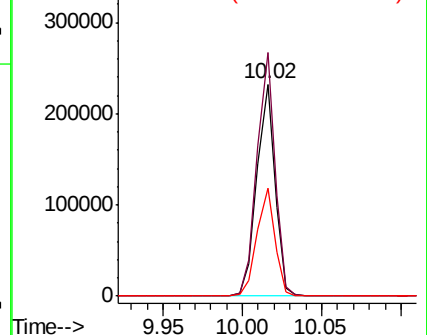
152 50.8 43.4 65.2

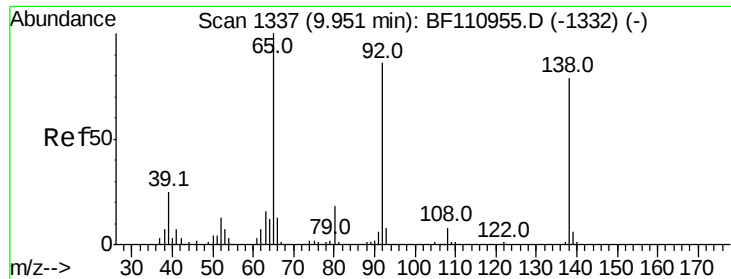


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

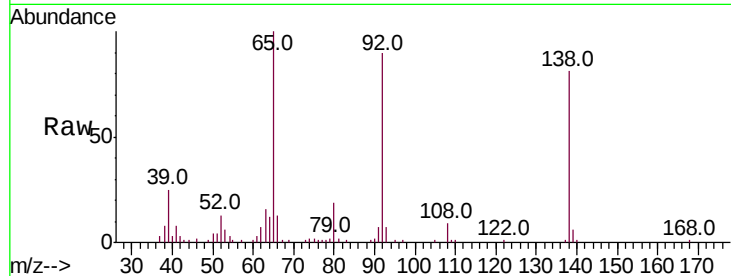




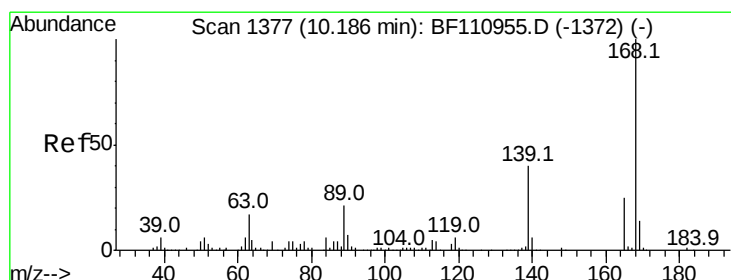
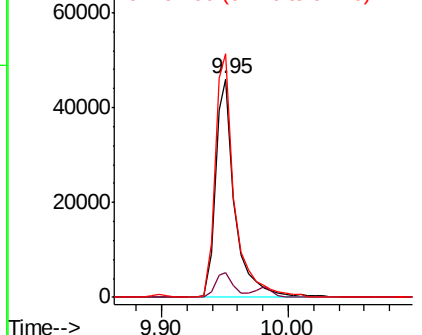
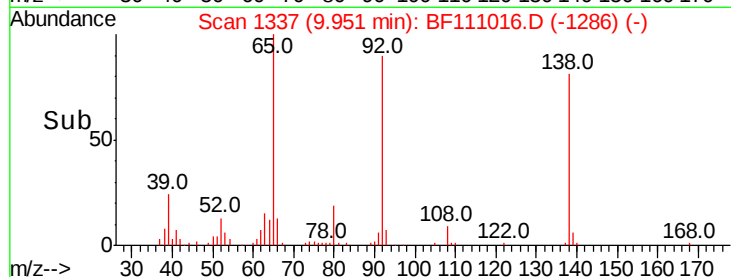
#53
3-Nitroaniline
Concen: 36.810 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

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

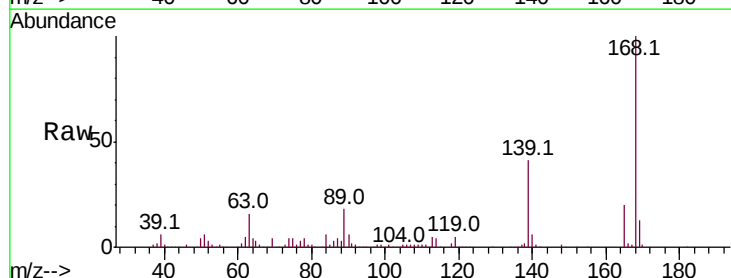


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

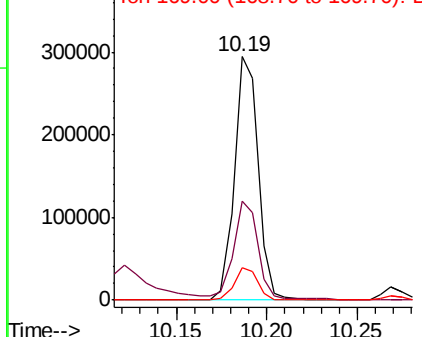
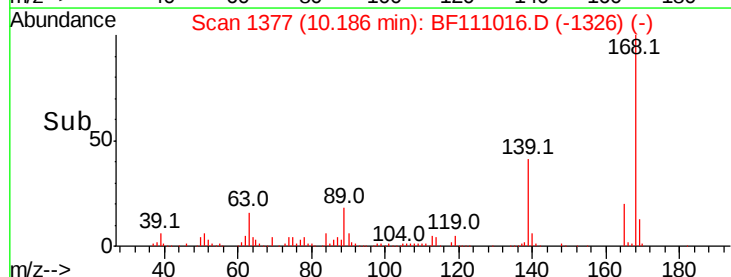


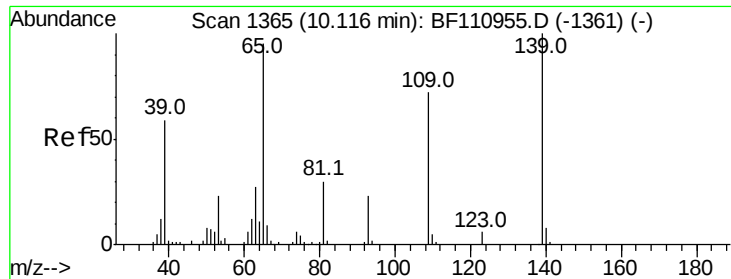
#55
Dibenzofuran
Concen: 42.618 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

Tgt Ion:168 Resp: 268203
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

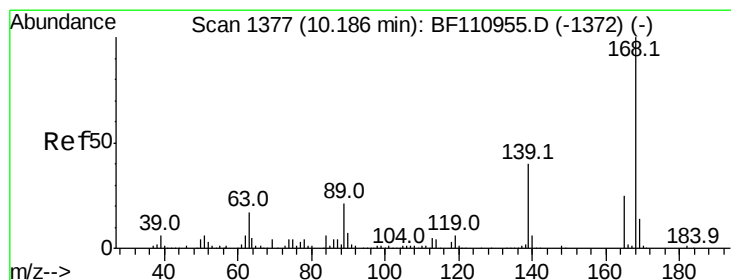
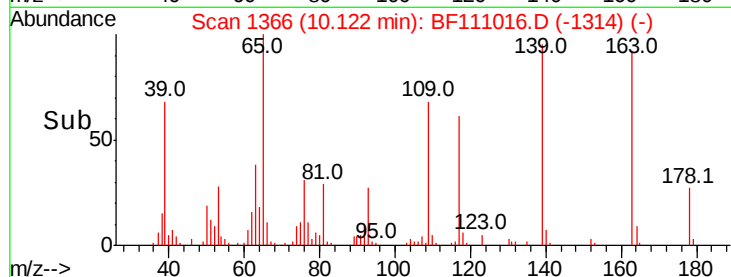
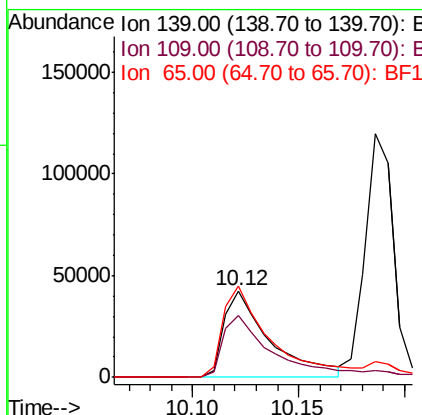
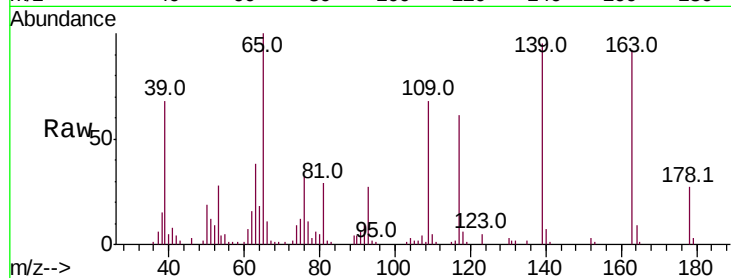




#56
4-Nitrophenol
Concen: 84.982 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

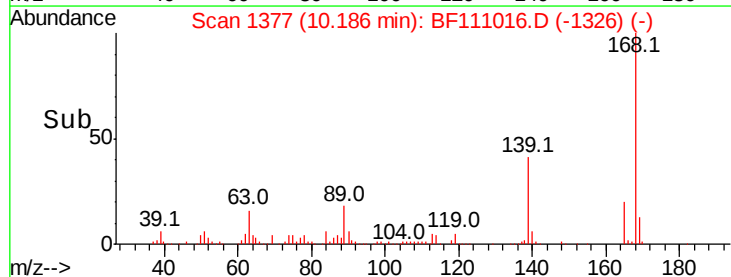
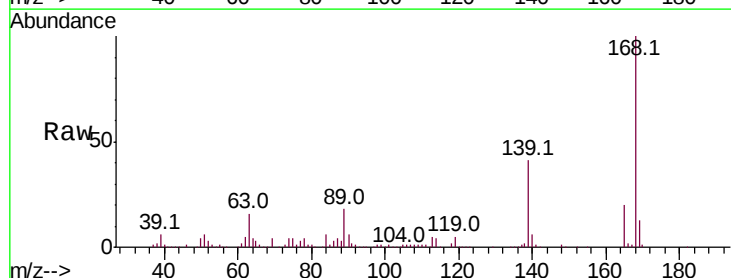
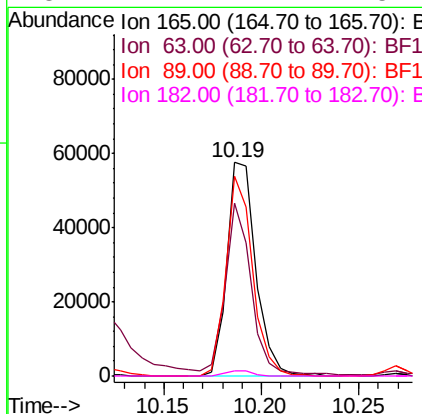
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

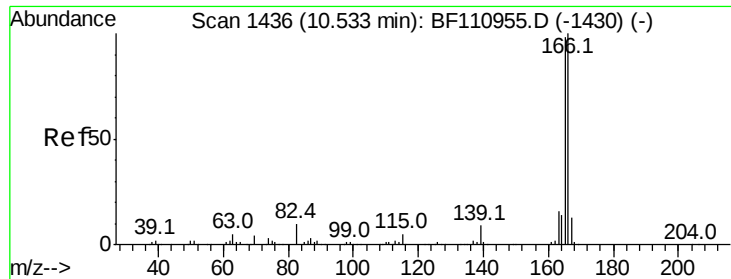
Tot Ion:139 Resp: 63849
Ion Ratio Lower Upper
139 100
109 71.8 55.8 95.8
65 105.6 77.9 117.9



#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

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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

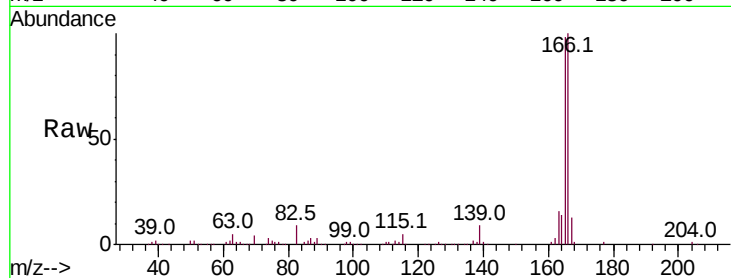
Tot Ion:166 Resp: 217847

Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

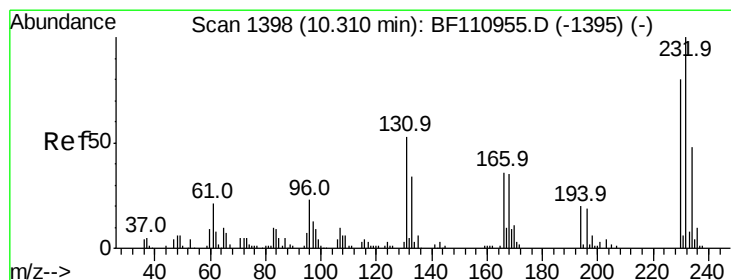
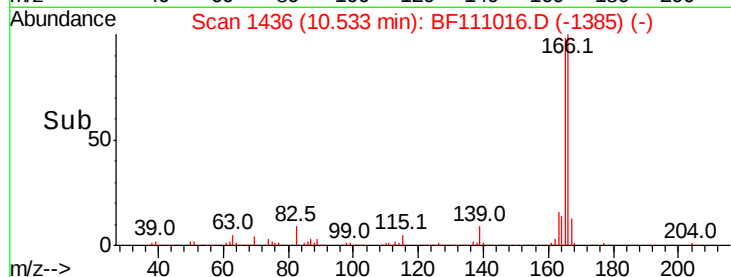
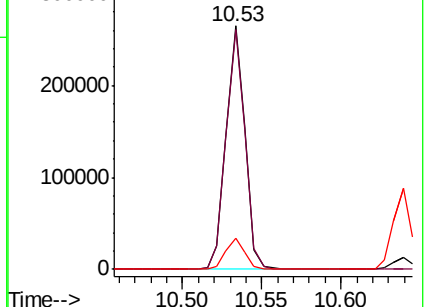
167 12.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 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

Tgt Ion:232 Resp: 53807

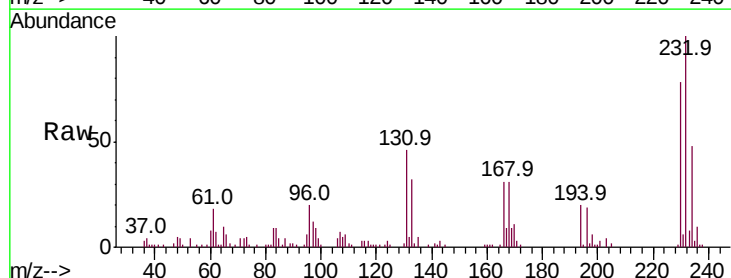
Ion Ratio Lower Upper

232 100

131 51.5 37.0 55.4

130 2.4 1.8 2.6

166 33.4 22.0 33.0#

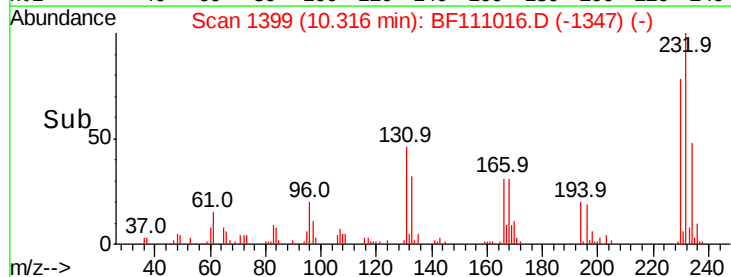
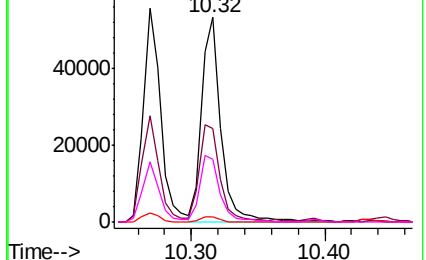


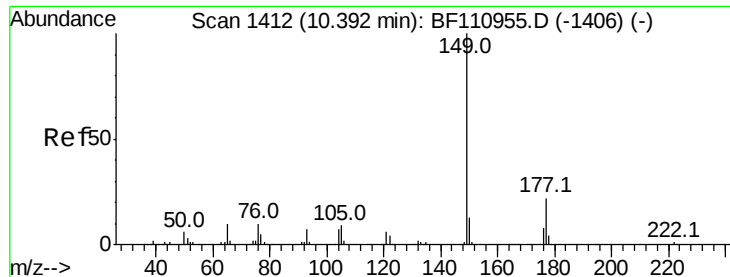
Abundance Ion 232.00 (231.70 to 232.70): E

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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

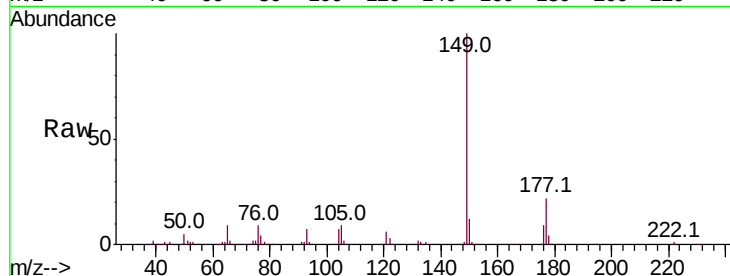
Tot Ion:149 Resp: 236538

Ion Ratio Lower Upper

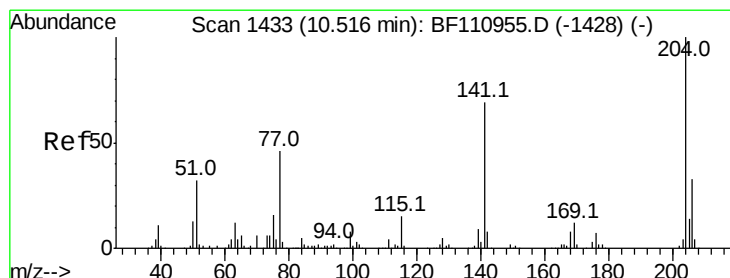
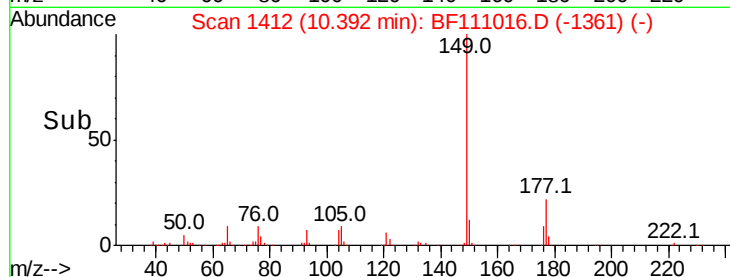
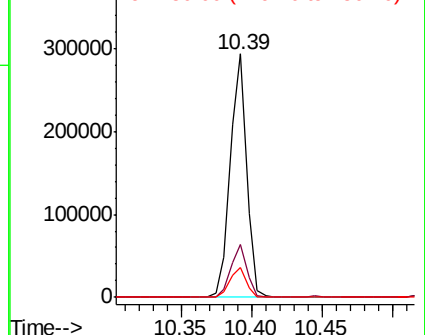
149 100

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

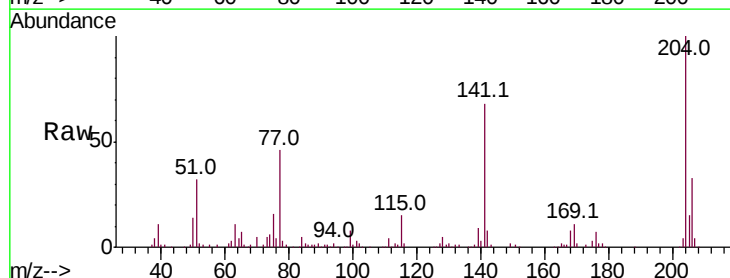
Tgt Ion:204 Resp: 102806

Ion Ratio Lower Upper

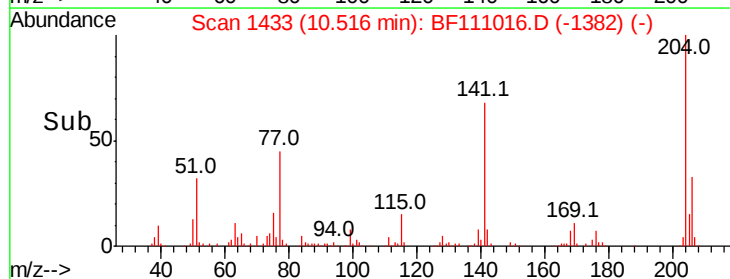
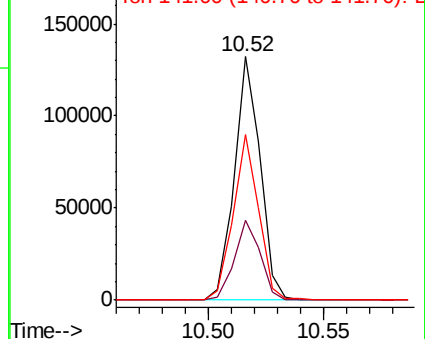
204 100

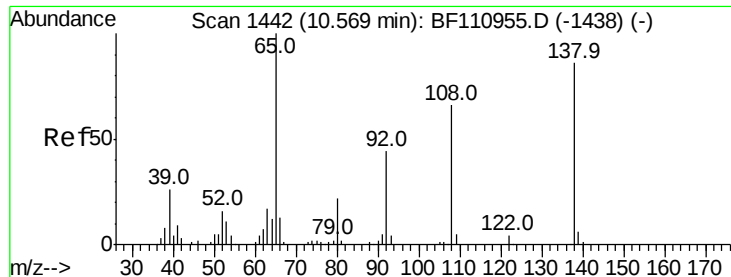
206 32.9 26.5 39.7

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

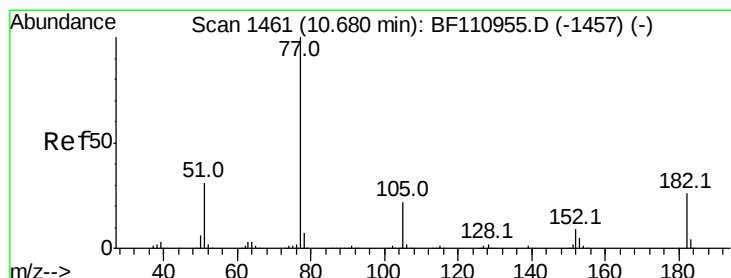
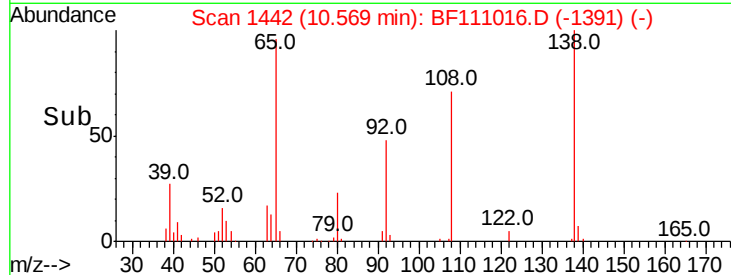
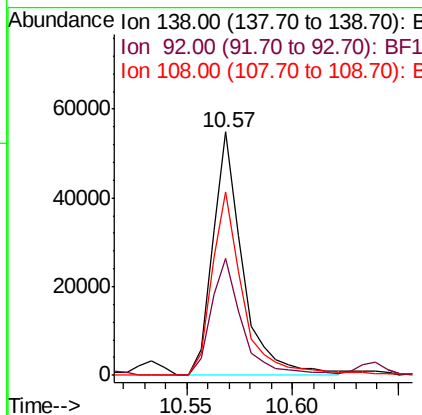
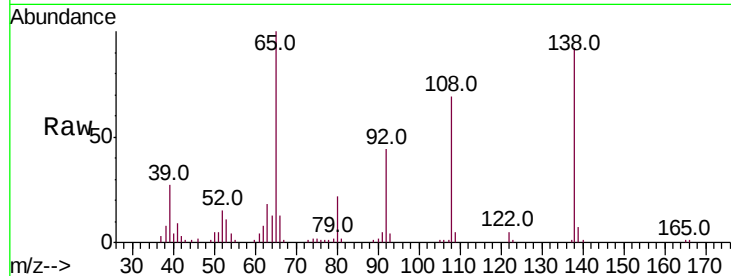




#62
 4-Nitroaniline
 Concen: 43.296 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

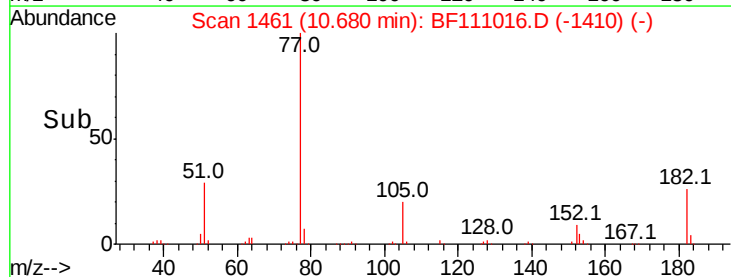
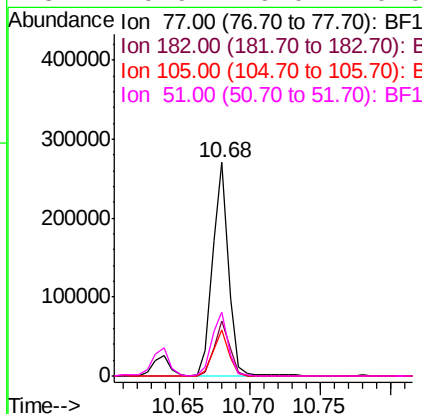
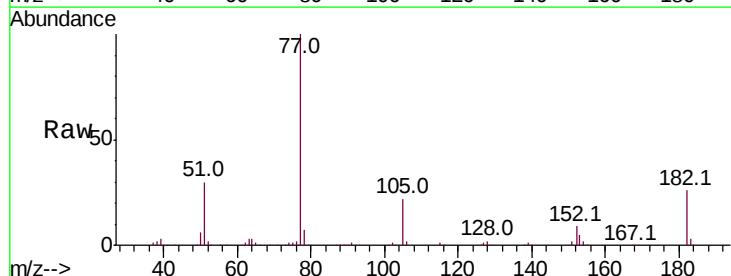
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

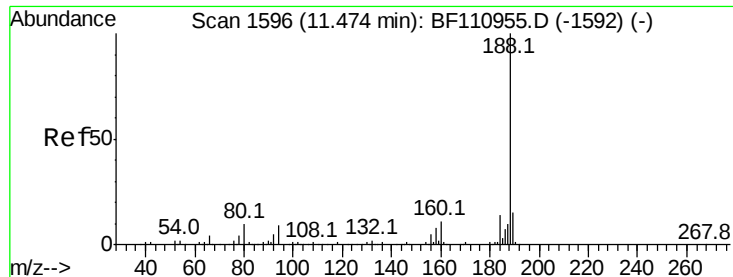
Tot Ion:	138	Resp:	54305
Ion	Ratio	Lower	Upper
138	100		
92	47.8	31.7	71.7
108	75.4	59.3	99.3



#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

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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

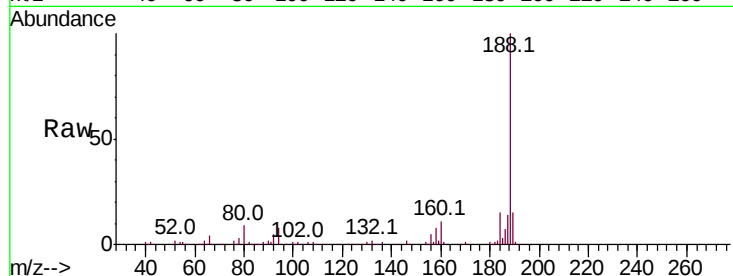
Tot Ion:188 Resp: 128244

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

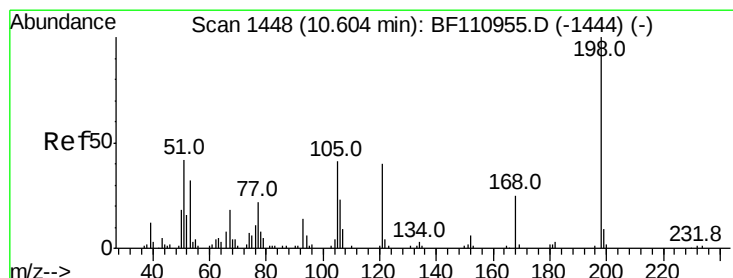
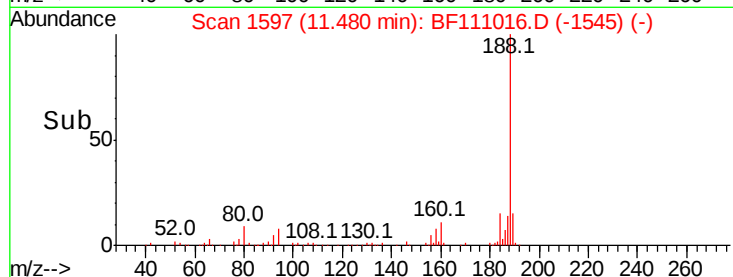
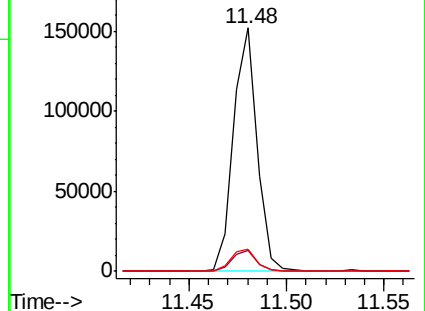
80 8.9 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#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

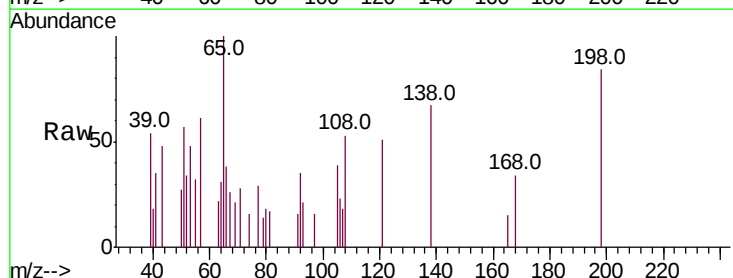
Tgt Ion:198 Resp: 2412

Ion Ratio Lower Upper

198 100

51 68.4 22.8 62.8#

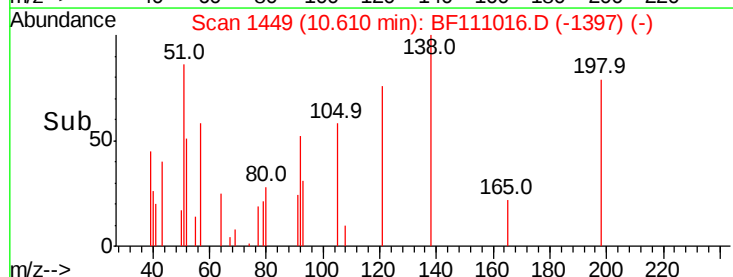
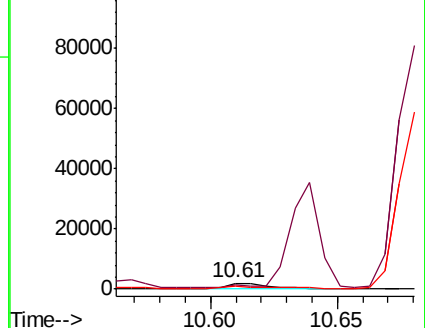
105 46.4 23.6 63.6

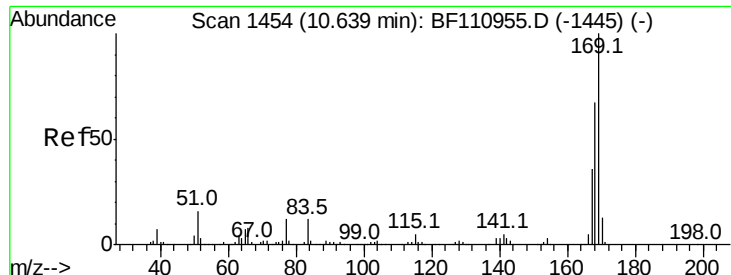


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

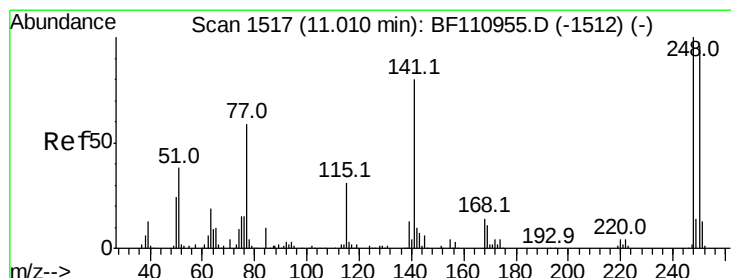
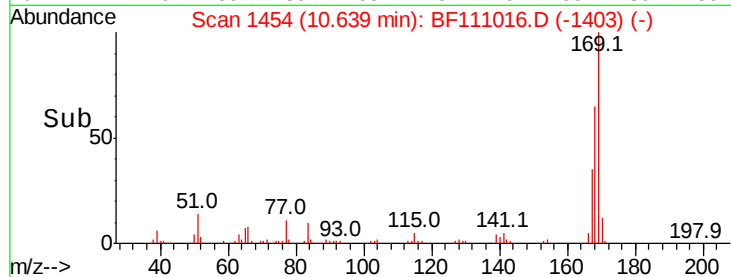
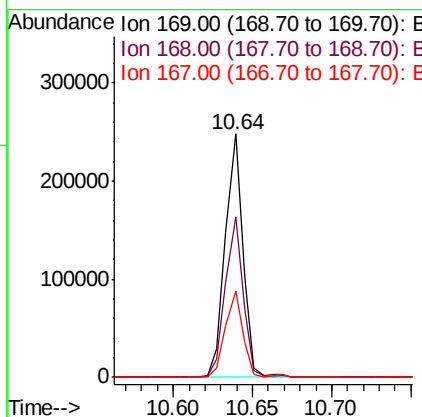
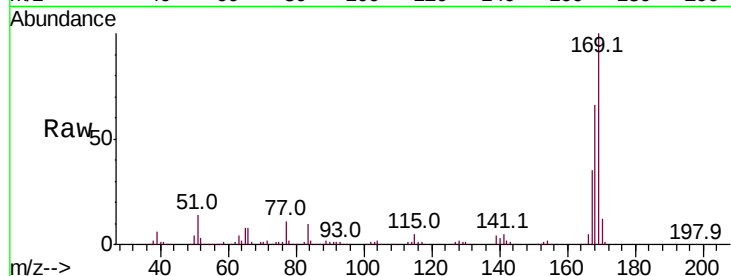




#66
 n-Nitrosodiphenylamine
 Concen: 44.897 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

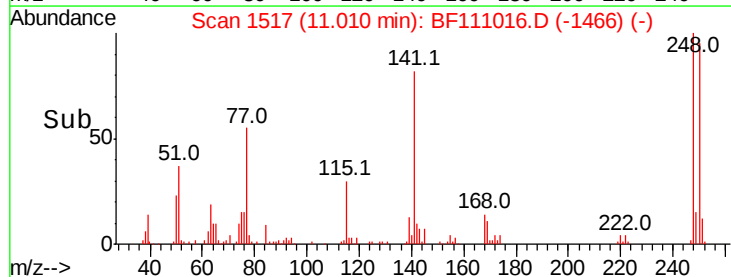
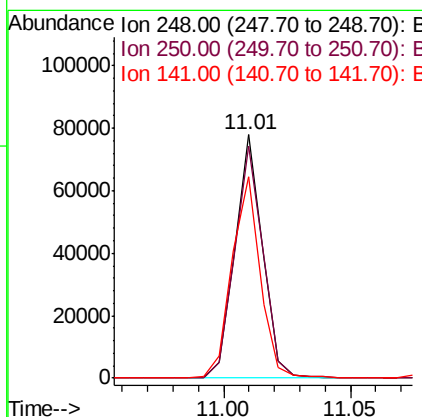
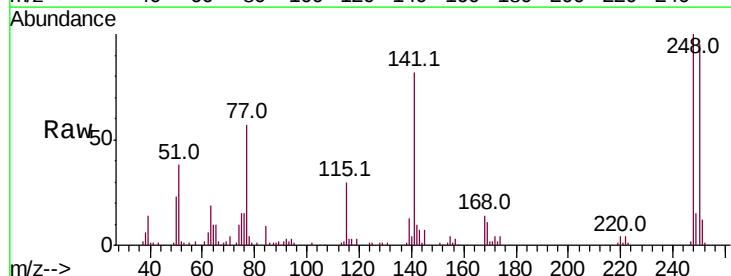
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

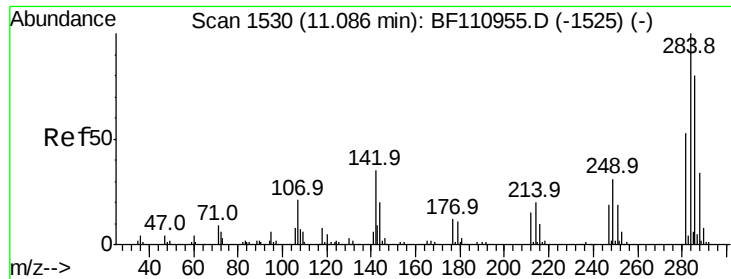
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.7	51.2	76.8
167	35.3	27.8	41.6



#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

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

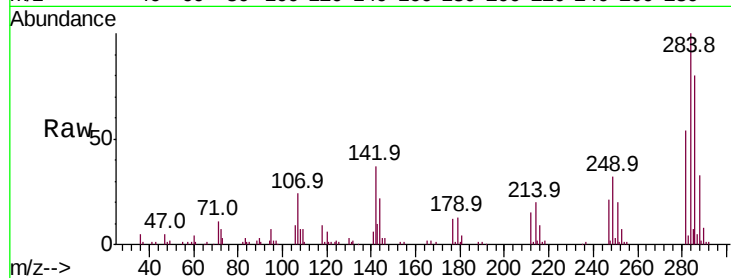




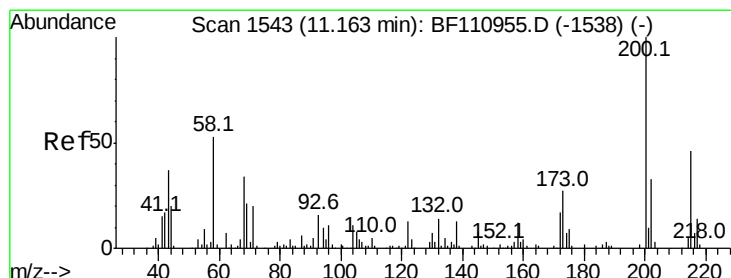
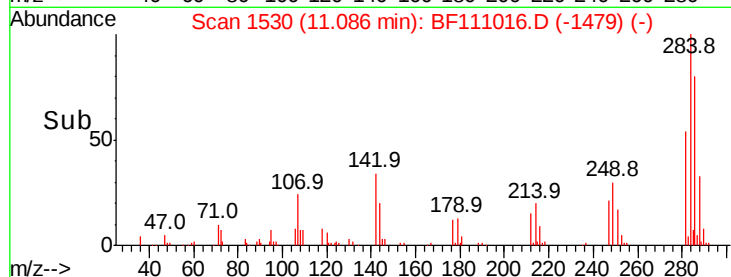
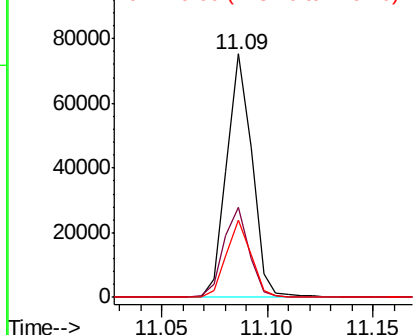
#68
Hexachlorobenzene
Concen: 41.917 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.2	23.9	35.9#
249	31.6	24.2	36.2

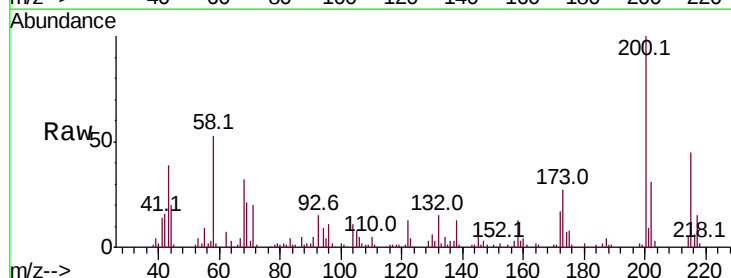


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

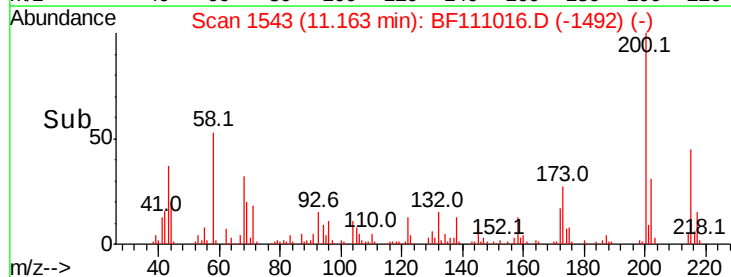
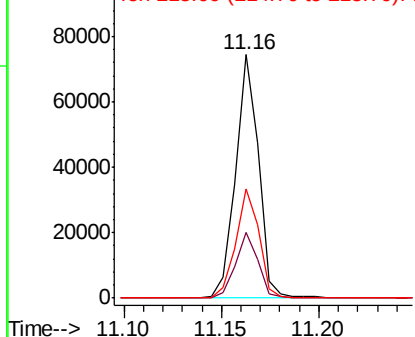


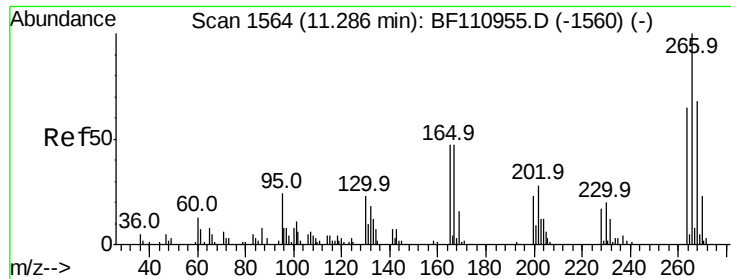
#69
Atrazine
Concen: Below Cal
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

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



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

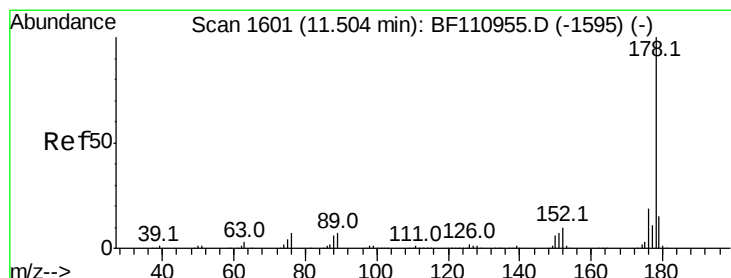
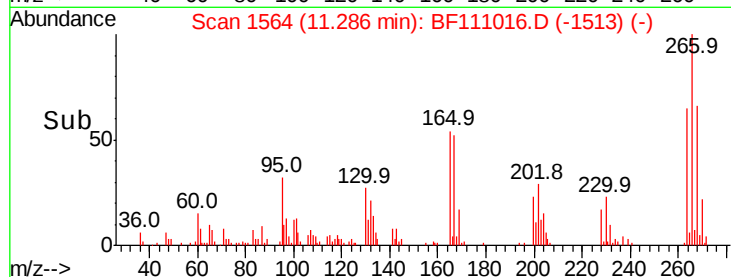
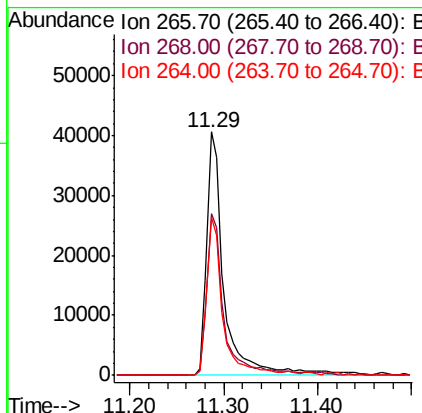
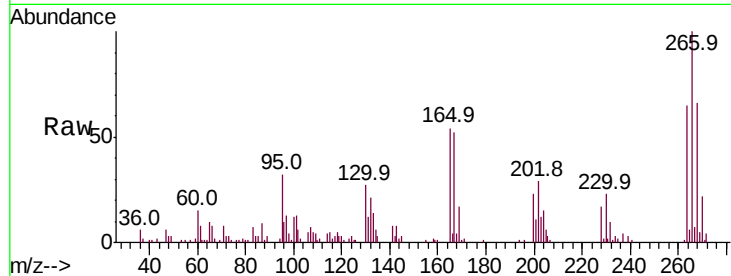




#70
 Pentachlorophenol
 Concen: 89.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

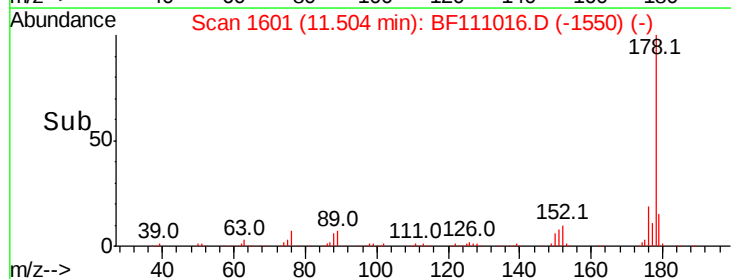
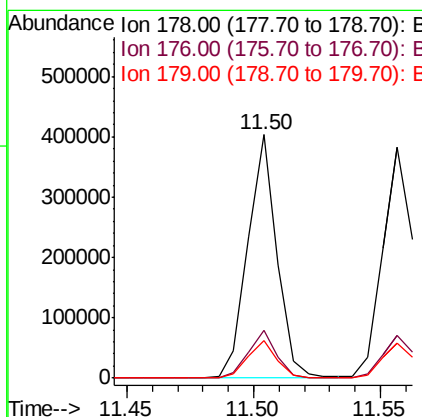
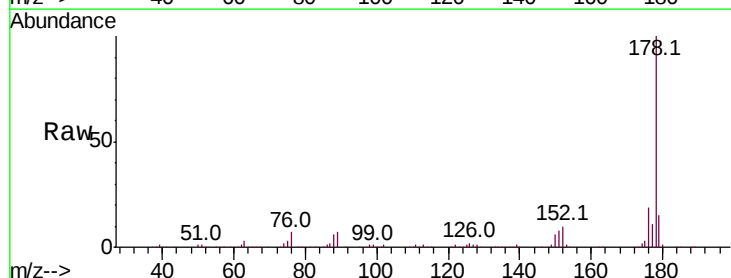
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

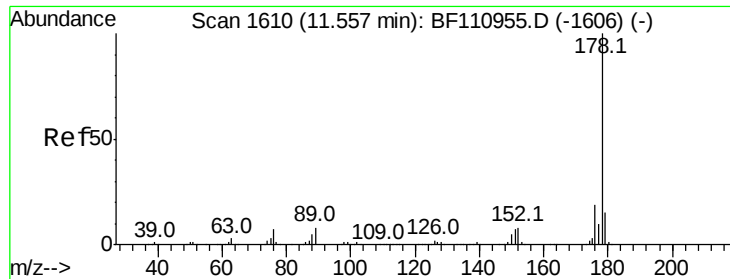
Tot Ion:266 Resp: 52676
 Ion Ratio Lower Upper
 266 100
 268 66.5 50.6 75.8
 264 64.6 50.6 75.8



#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

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

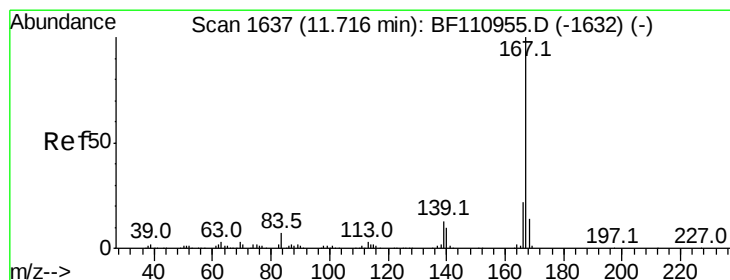
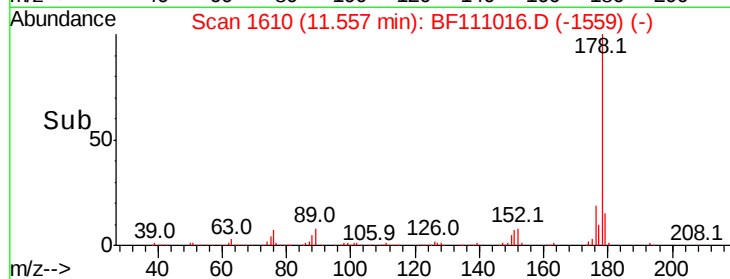
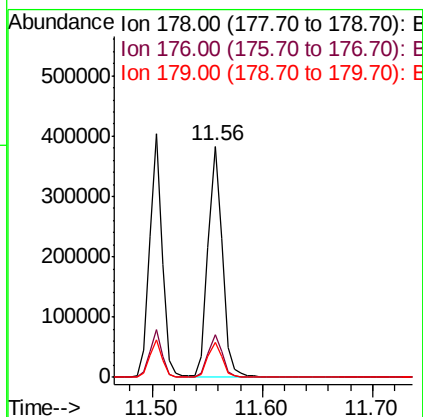
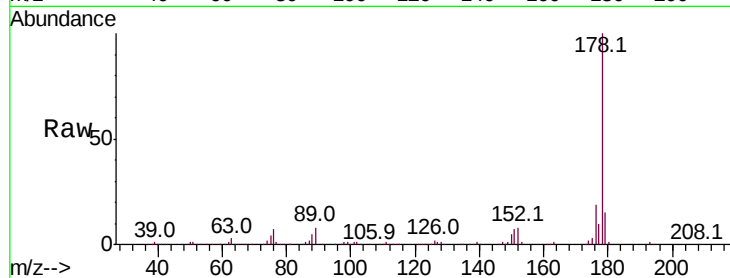




#72
 Anthracene
 Concen: 48.388 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

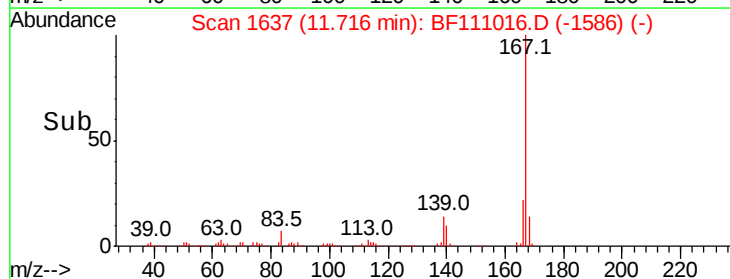
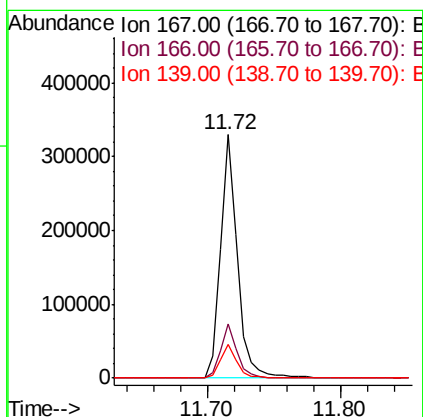
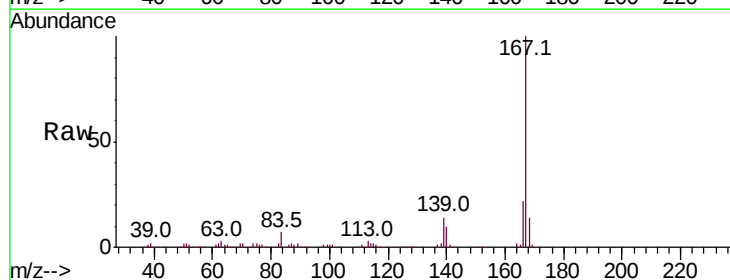
Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

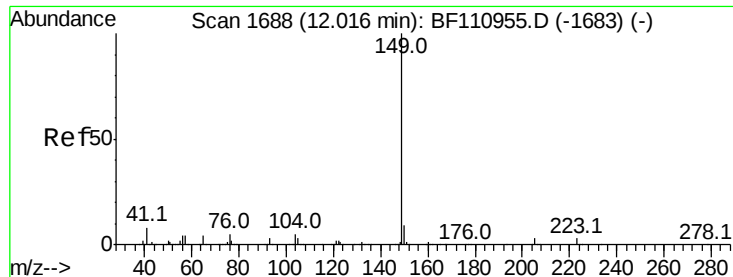
Tot Ion:178 Resp: 334707
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.6 18.8



#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

Tgt Ion:167 Resp: 297160
 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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

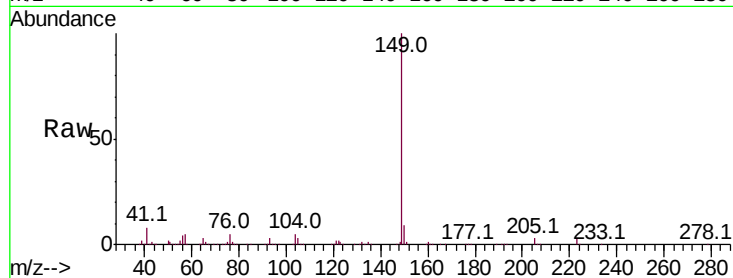
Tot Ion:149 Resp: 364837

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

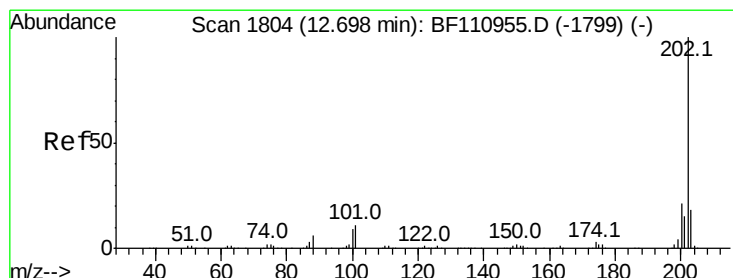
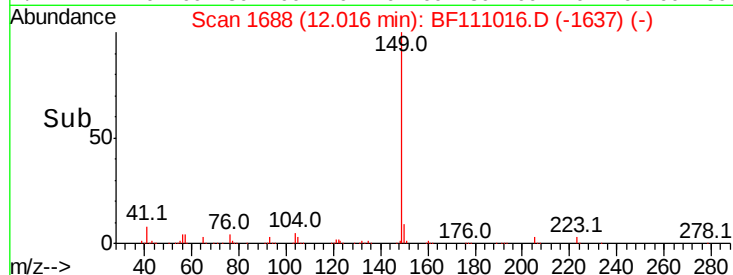
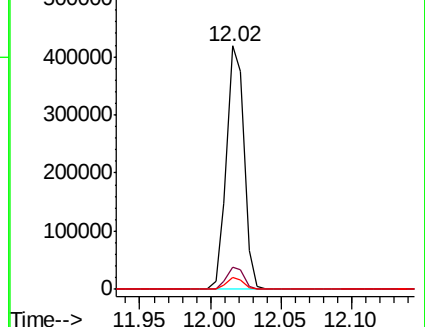
104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 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

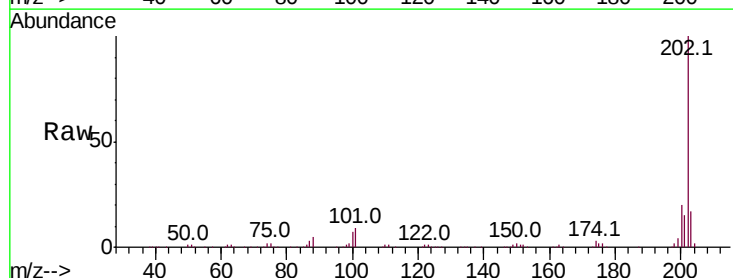
Tgt Ion:202 Resp: 348228

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.4

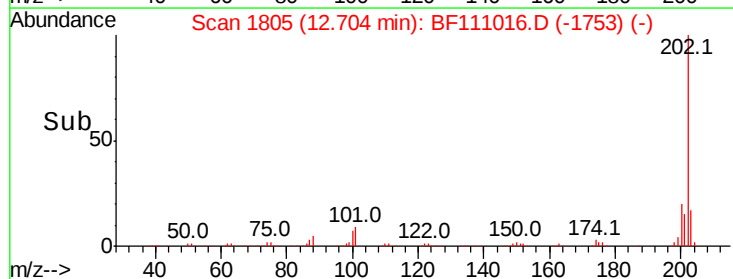
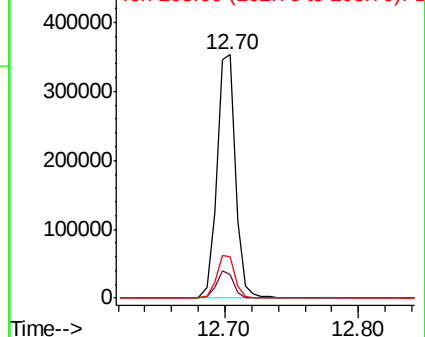
203 16.9 0.0 37.7

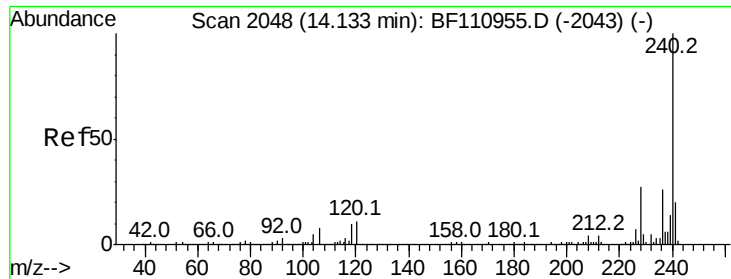


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BF111016.D

Acq: 27 Nov 2018 18:14

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

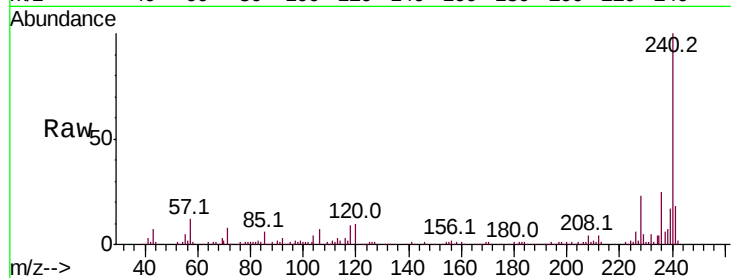
Tot Ion:240 Resp: 97117

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

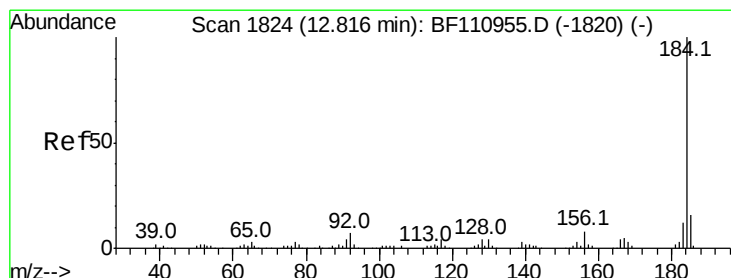
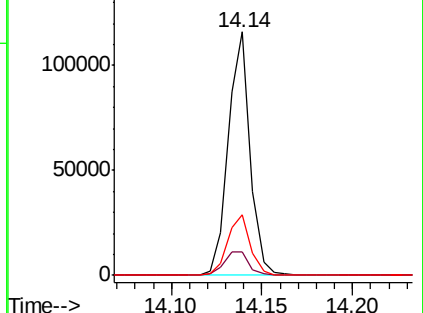
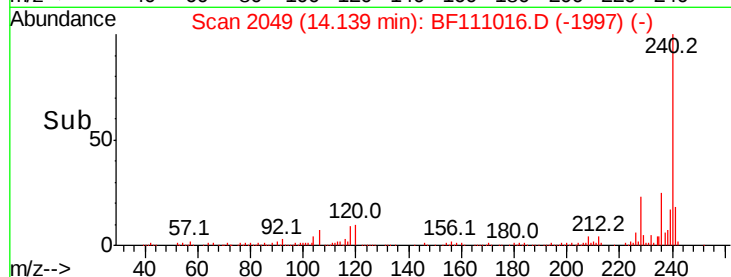
236 24.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 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

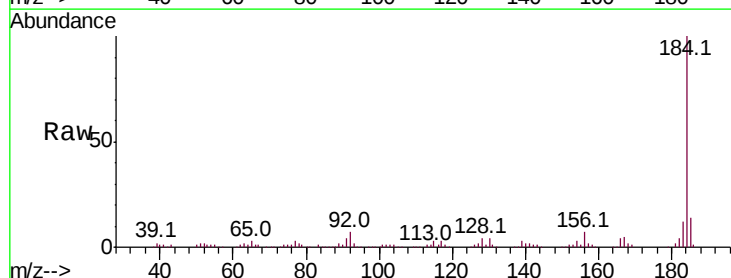
Tgt Ion:184 Resp: 207313

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.2

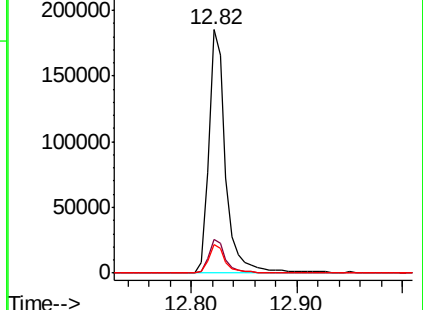
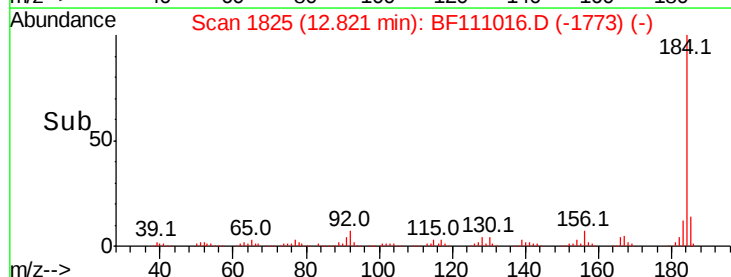
183 11.9 9.4 14.2

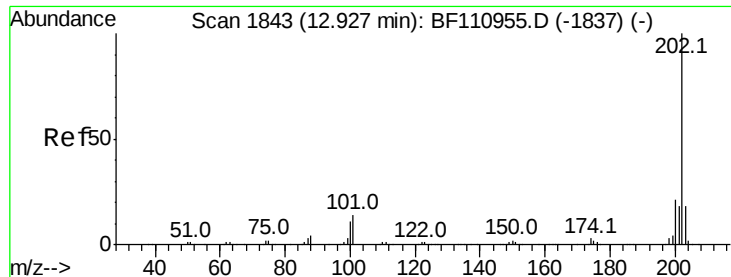


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

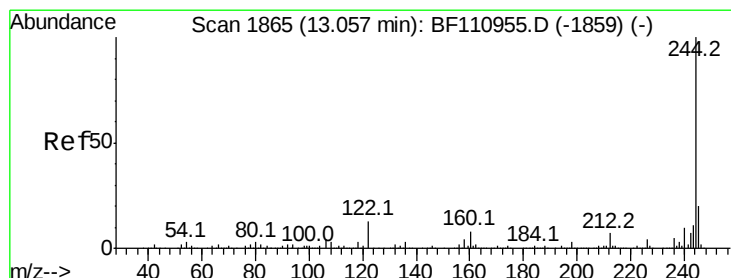
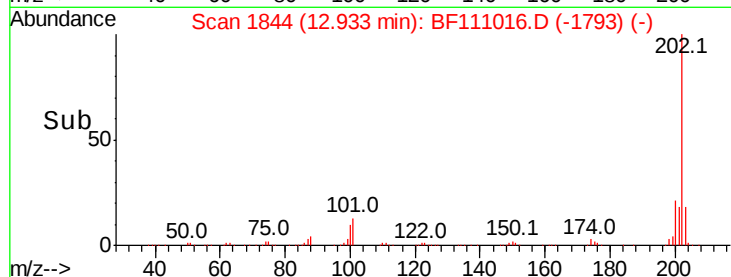
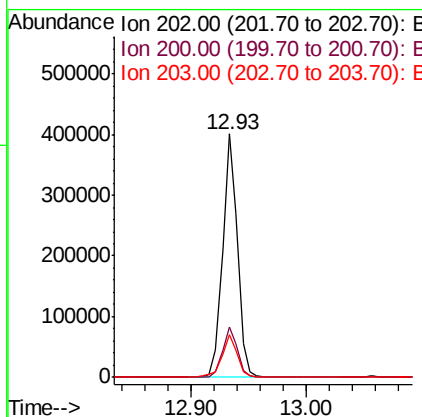
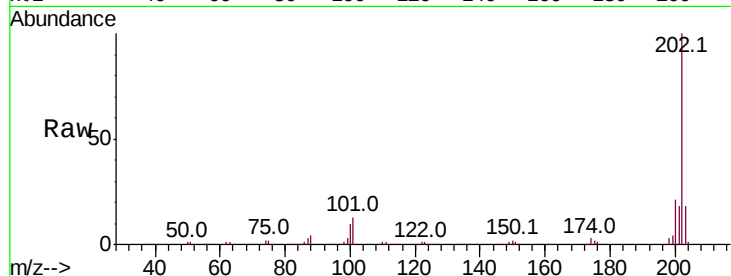




#78
Pvrene
Concen: 50.220 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

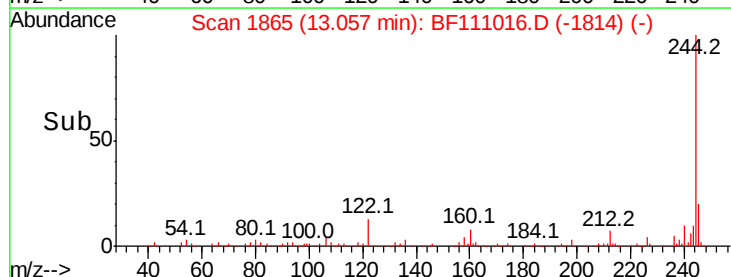
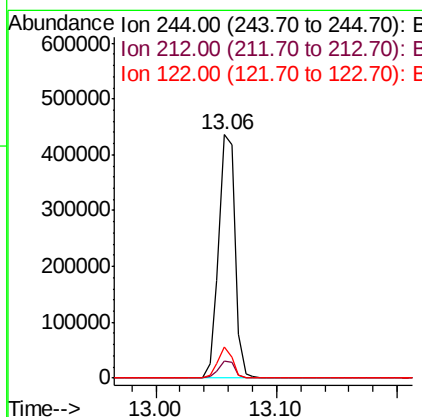
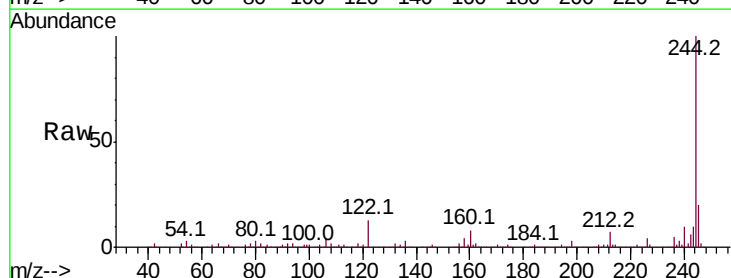
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

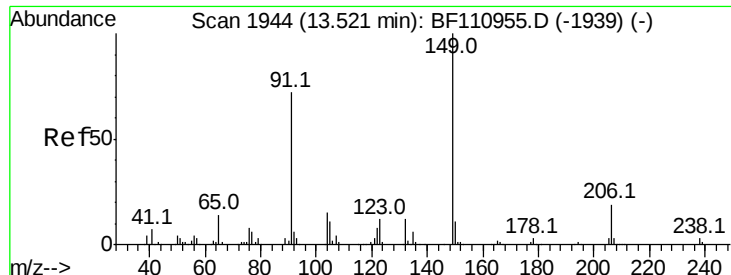
Tot Ion:202 Resp: 356218
Ion Ratio Lower Upper
202 100
200 20.8 17.8 26.6
203 17.7 14.2 21.4



#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

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

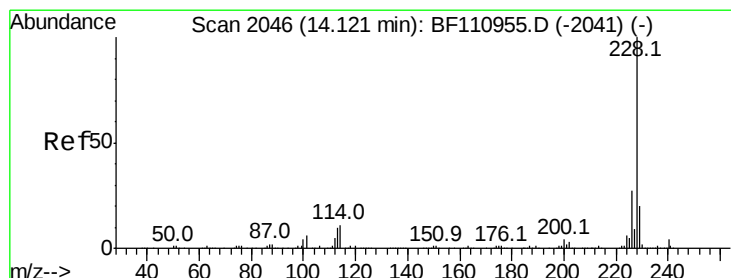
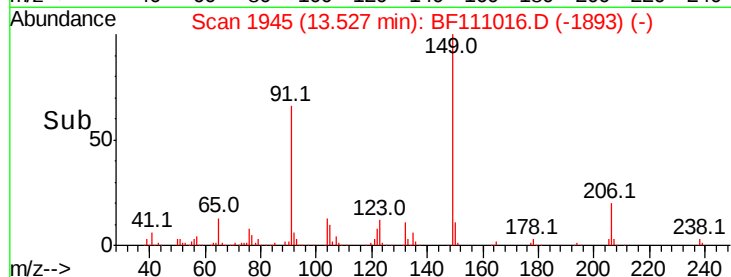
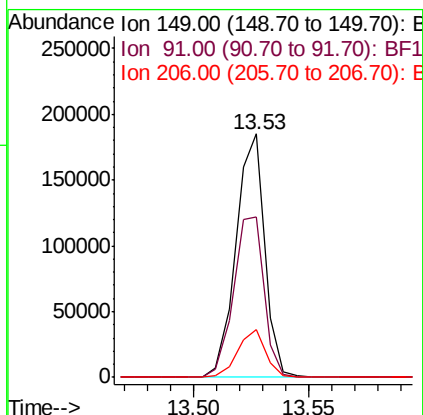
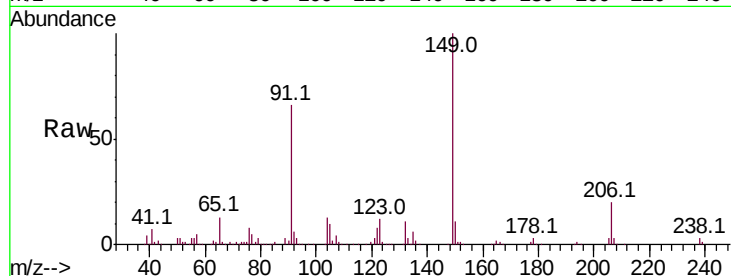




#80
Butylbenzylphthalate
Concen: 50.225 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

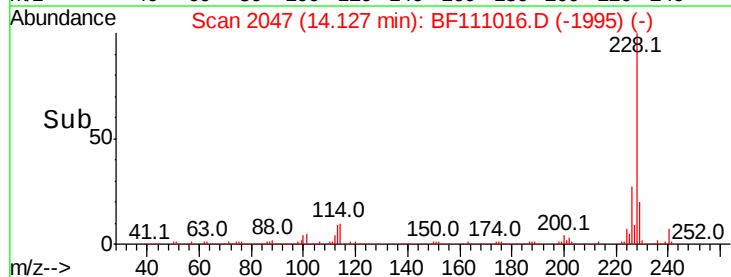
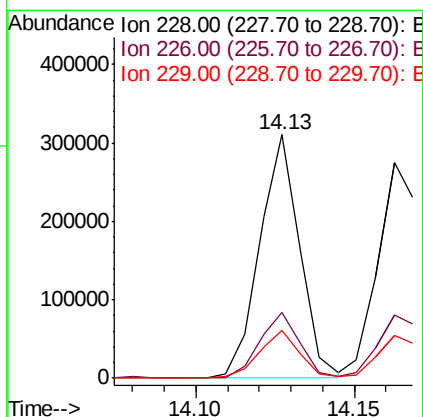
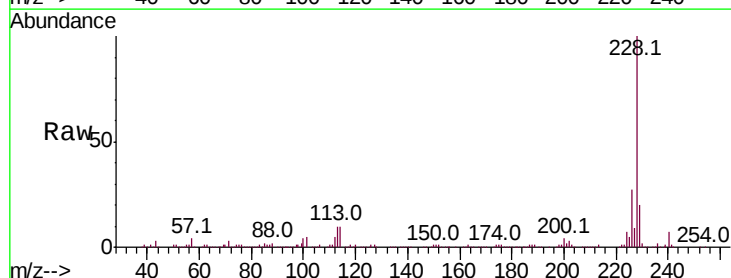
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

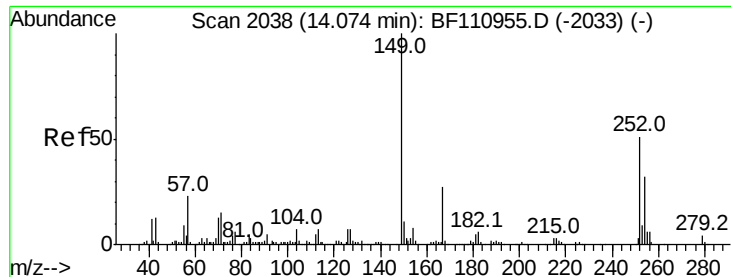
Tot Ion:149 Resp: 160841
Ion Ratio Lower Upper
149 100
91 65.9 57.2 85.8
206 19.7 15.7 23.5



#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

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

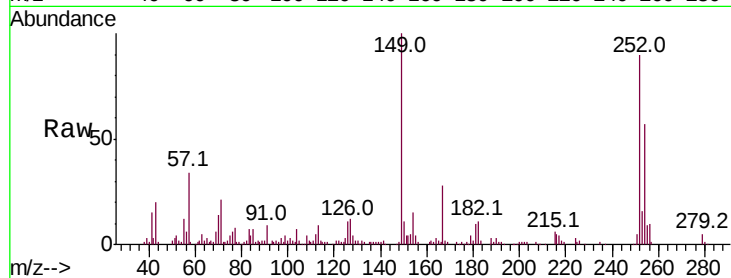




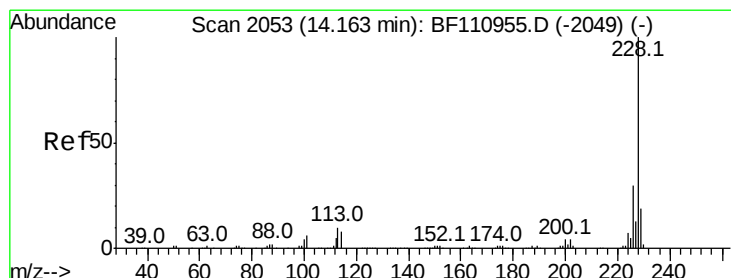
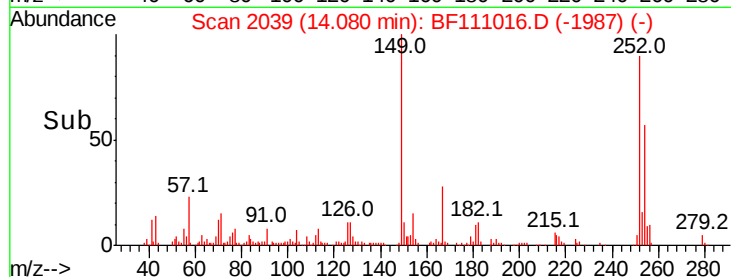
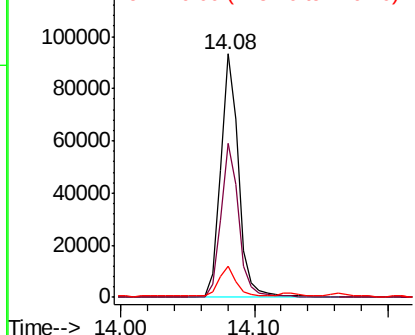
#82
 3,3'-Dichlorobenzidine
 Concen: 45.262 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

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

Tot Ion:252 Resp: 88985
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.3 76.9
 126 12.6 9.4 14.2

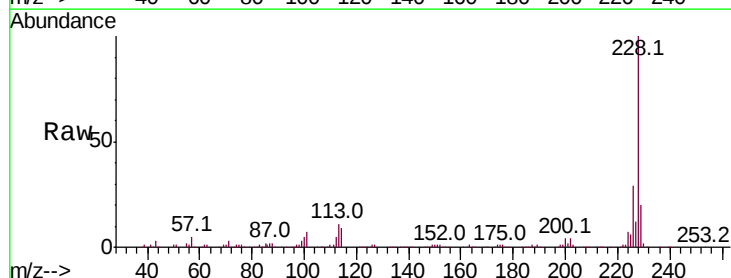


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

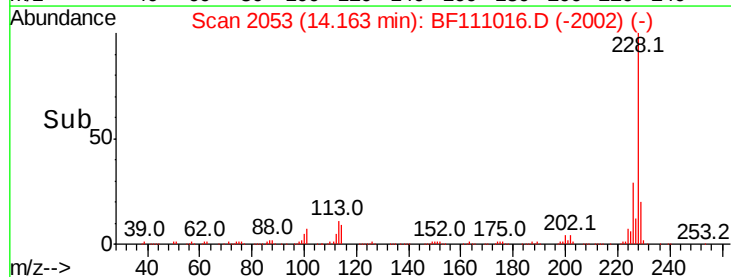
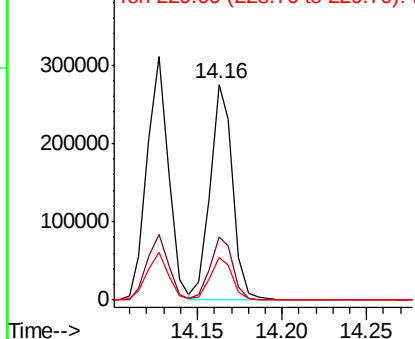


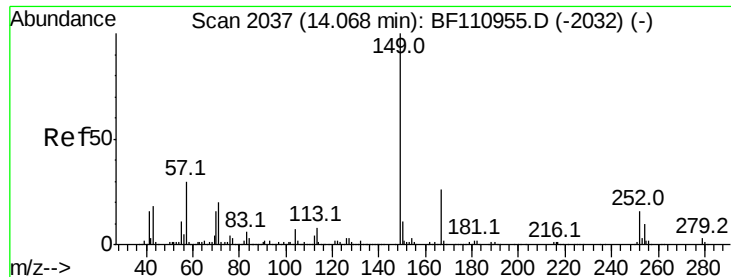
#83
 Chrysene
 Concen: 45.393 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF111016.D
 Acq: 27 Nov 2018 18:14

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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

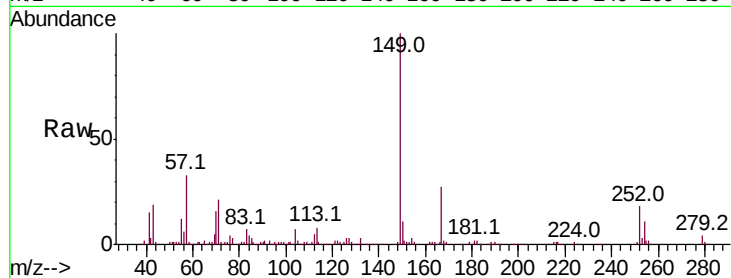
Tot Ion:149 Resp: 223531

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

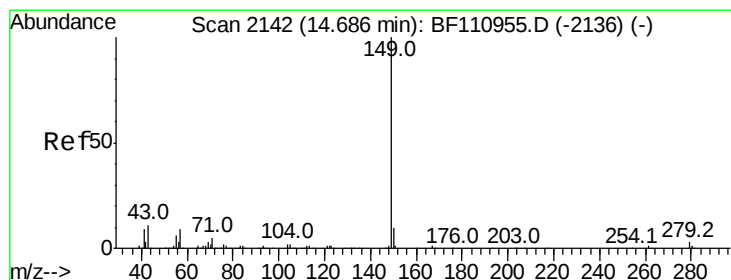
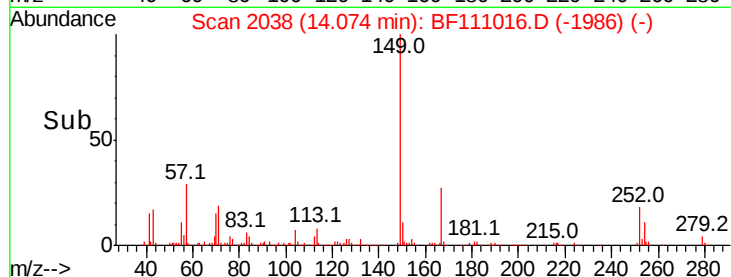
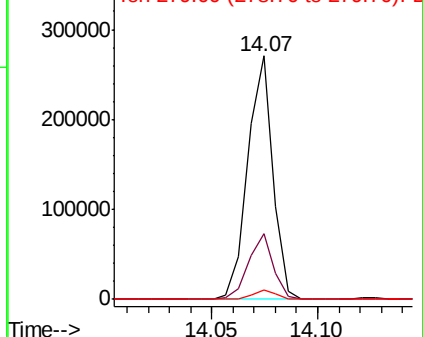
279 3.9 2.7 4.1



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

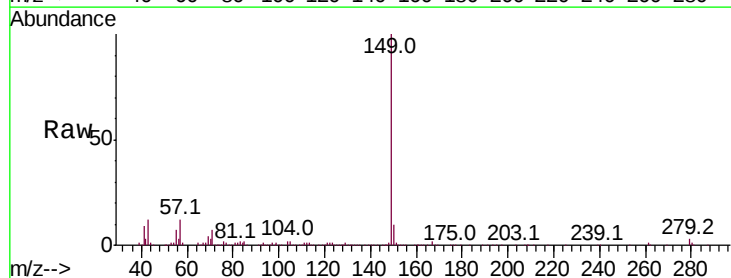
Tgt Ion:149 Resp: 351786

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

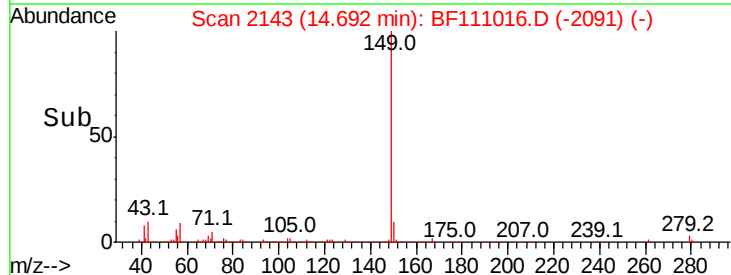
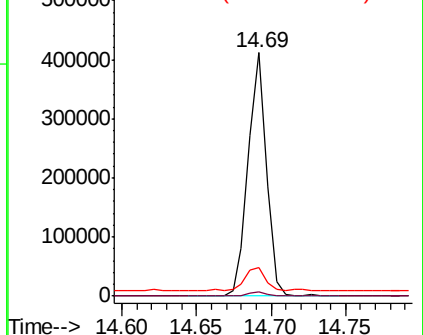
43 11.6 7.8 11.8

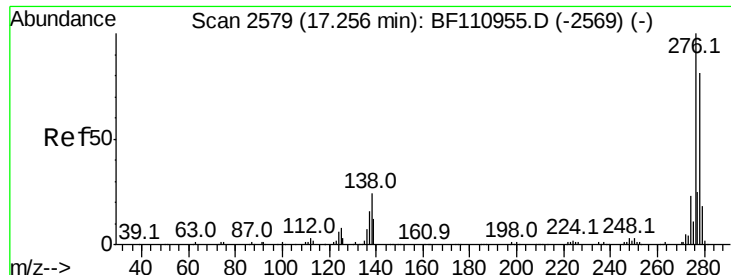


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

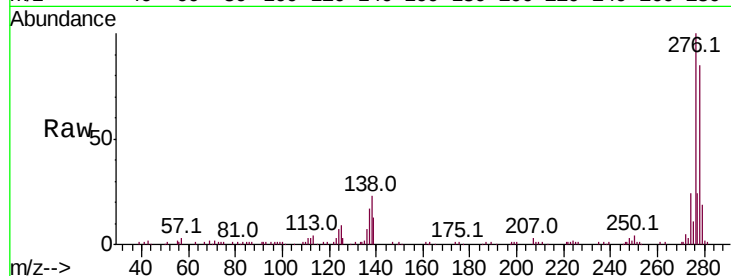
Tot Ion:276 Resp: 179324

Ion Ratio Lower Upper

276 100

138 24.6 18.5 27.7

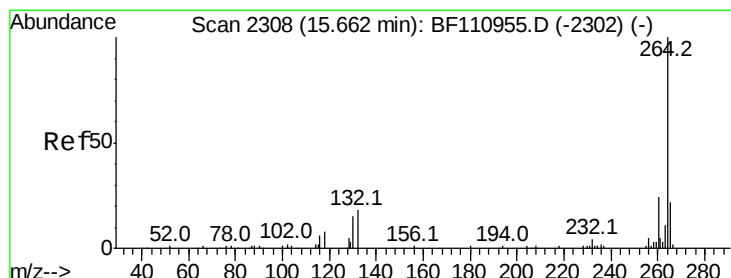
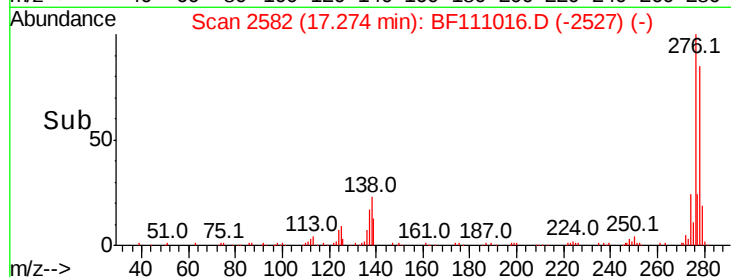
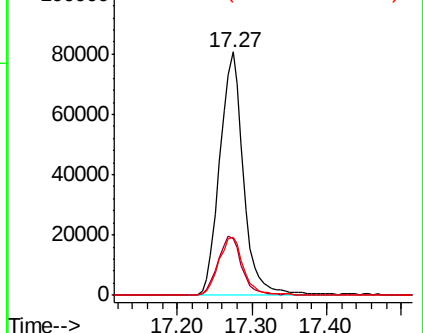
277 24.9 20.0 30.0



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

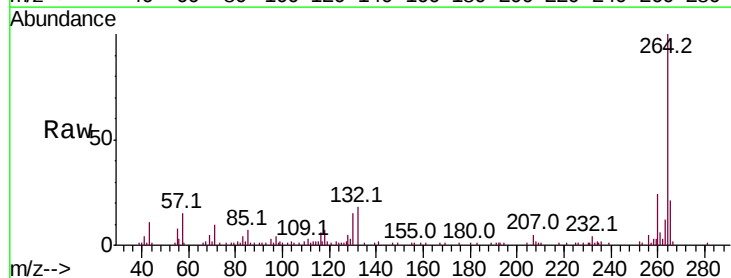
Tgt Ion:264 Resp: 66960

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

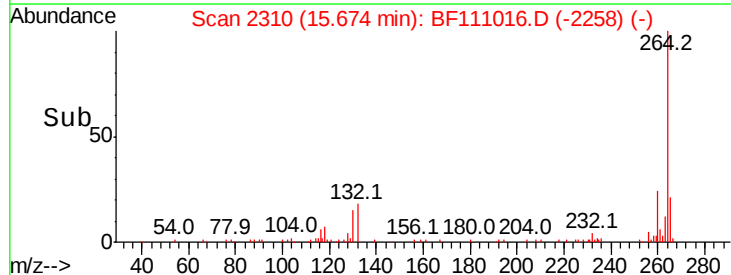
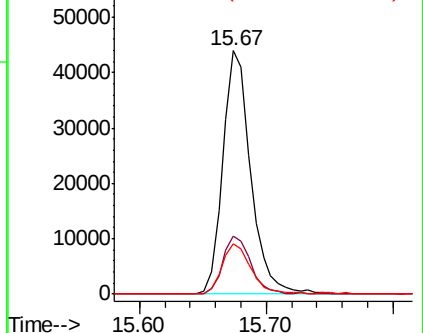
265 20.8 16.7 25.1

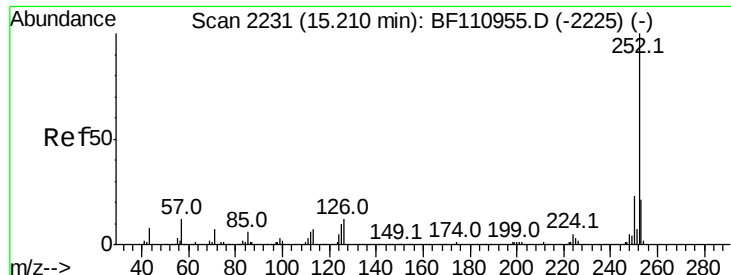


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

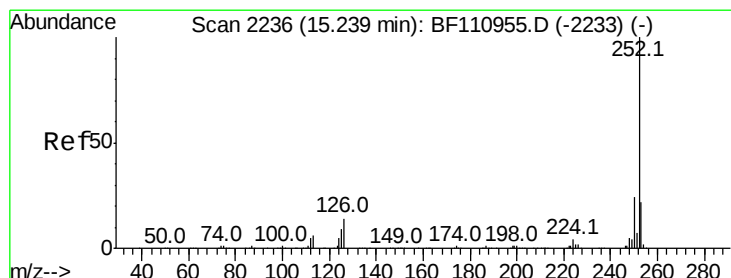
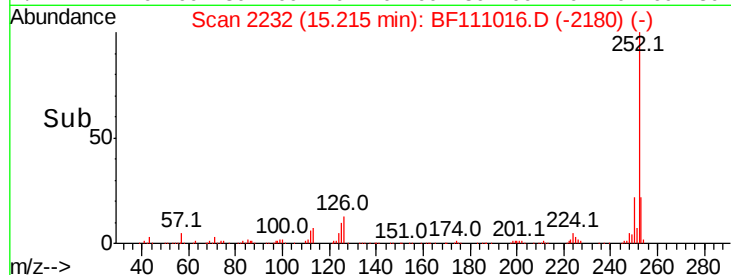
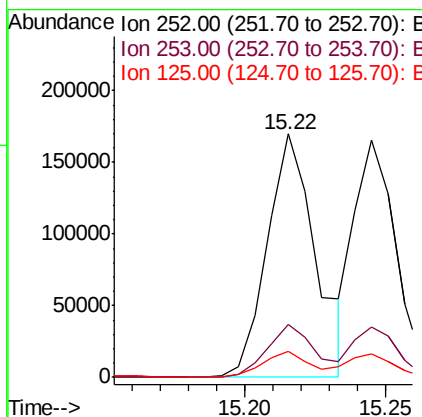
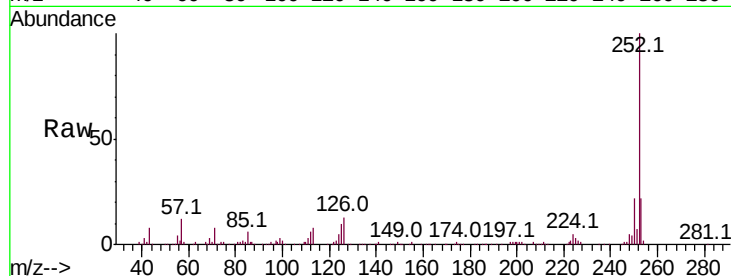




#88
Benzo(b)fluoranthene
Concen: 51.501 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF111016.D
Acq: 27 Nov 2018 18:14

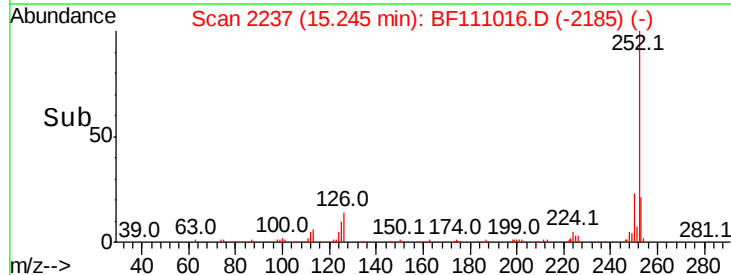
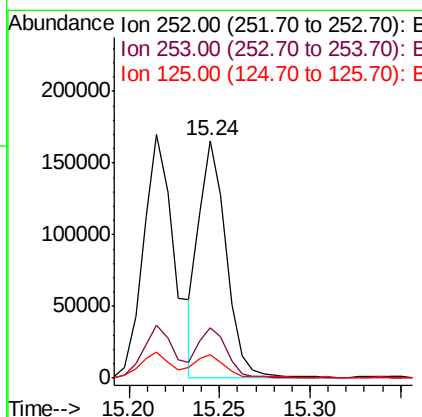
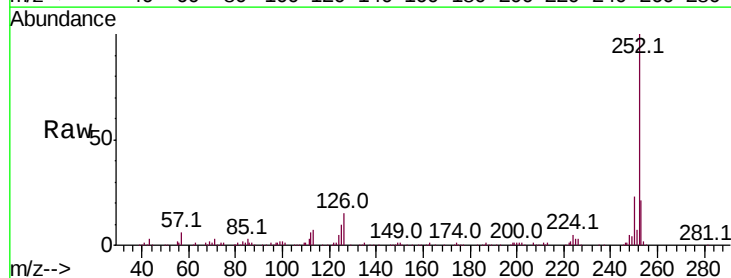
Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

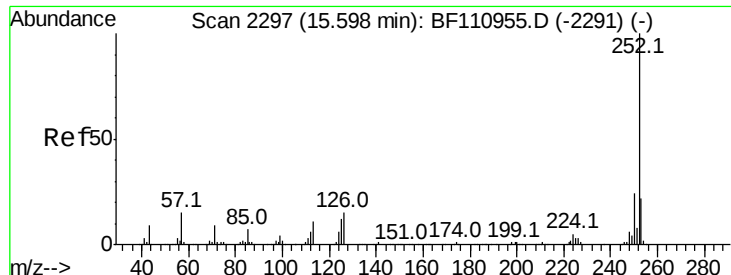
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.5	8.2	12.4



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

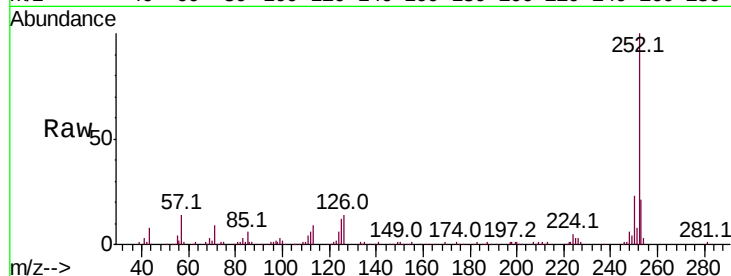
Tot Ion:252 Resp: 173701

Ion Ratio Lower Upper

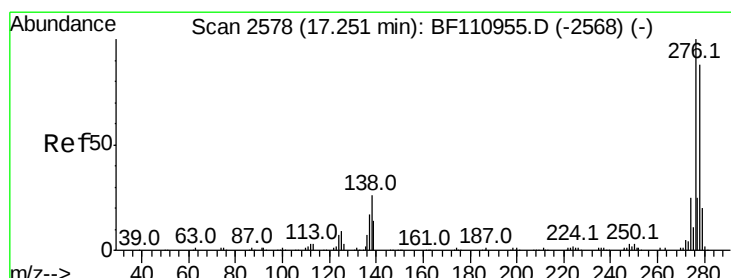
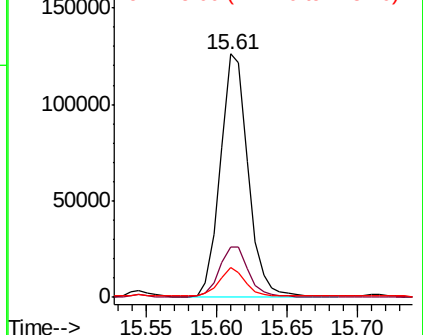
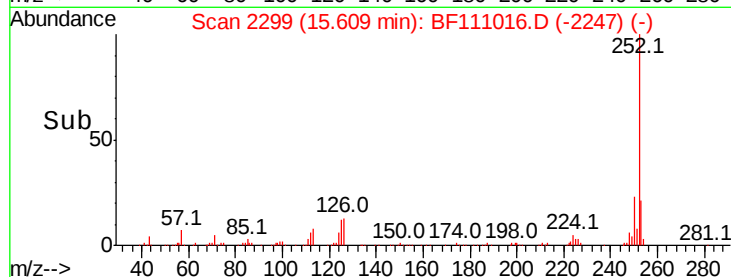
252 100

253 20.9 18.2 27.4

125 12.2 9.0 13.6



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



#91

Dibenzo(a,h)anthracene

Concen: 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

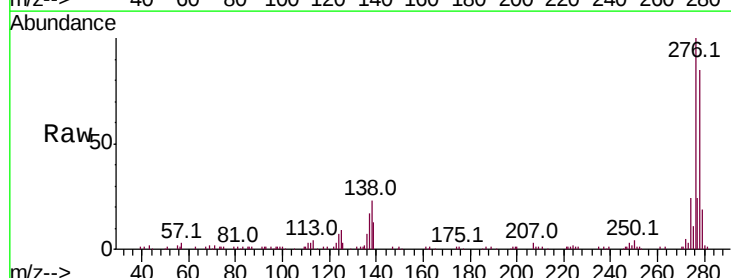
Tgt Ion:278 Resp: 150712

Ion Ratio Lower Upper

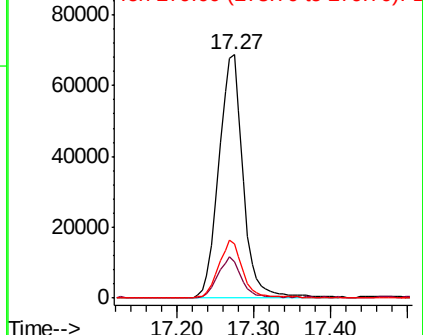
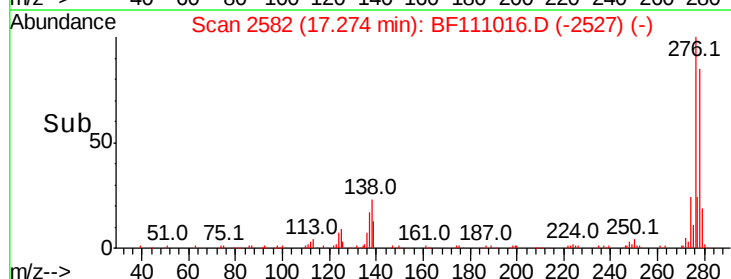
278 100

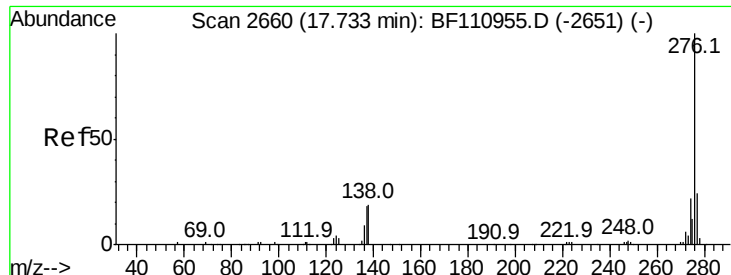
139 14.9 12.7 19.1

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(a,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

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

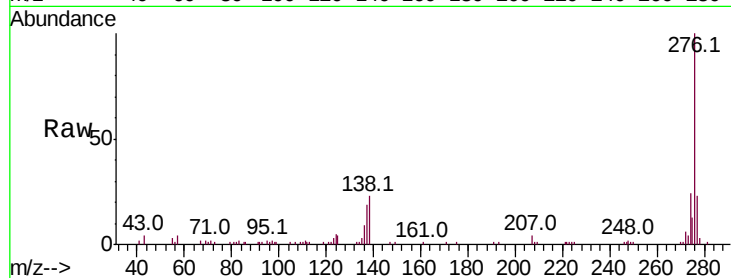
Tot Ion:276 Resp: 147979

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

