

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110925.D
 Acq On : 21 Nov 2018 13:47
 Operator : JU/SJ
 Sample : J6014-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Manual Integrations
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mohammad
 11/23/2018 11:48:53 AM

Quant Time: Nov 21 14:57:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65762	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	269841	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	132420	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	252532	20.00	ng	0.00
76) Chrysene-d12	14.14	240	164724	20.00	ng	0.00
87) Perylene-d12	15.67	264	129436	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	544003	134.37	ng	0.00
7) Phenol-d6	6.57	99	687168	132.73	ng	0.00
23) Nitrobenzene-d5	7.51	82	430336	91.84	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	167434	125.48	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	658043	70.97	ng	0.00
79) Terphenyl-d14	13.06	244	676815	76.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	57588	28.548	ng	88
3) Pyridine	3.60	79	155736	35.767	ng	# 83
4) n-Nitrosodimethylamine	3.56	42	93529	50.062	ng	82
6) Aniline	6.61	93	182387	27.014	ng	# 56
8) 2-Chlorophenol	6.73	128	205048	43.203	ng	96
9) Benzaldehyde	6.50	77	88257	29.636	ng	95
10) Phenol	6.59	94	288275	48.021	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	181952	40.443	ng	92
12) 1,3-Dichlorobenzene	6.88	146	207673	39.991	ng	98
13) 1,4-Dichlorobenzene	6.96	146	211748	40.155	ng	96
14) 1,2-Dichlorobenzene	7.11	146	201757	41.128	ng	99
15) Benzyl Alcohol	7.09	79	175792	43.390	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	287910	40.751	ng	76
17) 2-Methylphenol	7.19	107	166214	44.004	ng	# 84
18) Hexachloroethane	7.45	117	79685	40.932	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	140573	42.537	ng	96
20) 3+4-Methylphenols	7.35	107	215090	44.359	ng	# 86
22) Acetophenone	7.36	105	281979	44.838	ng	# 94
24) Nitrobenzene	7.53	77	213363	44.444	ng	97
25) Isophorone	7.76	82	387090	50.404	ng	96
26) 2-Nitrophenol	7.85	139	110317	46.062	ng	94
27) 2,4-Dimethylphenol	7.87	122	188542	51.692	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	237859	45.744	ng	99
29) 2,4-Dichlorophenol	8.09	162	172474	45.956	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	181285	42.842	ng	96
31) Naphthalene	8.25	128	589979	46.574	ng	100
32) Benzoic acid	7.99	122	35277	13.670	ng	87
33) 4-Chloroaniline	8.30	127	92431	16.109	ng	98
34) Hexachlorobutadiene	8.35	225	99497	41.167	ng	99
35) Caprolactam	8.68	113	54846m	43.741	ng	
36) 4-Chloro-3-methylphenol	8.79	107	194361	48.019	ng	98
37) 2-Methylnaphthalene	8.94	142	402178	48.431	ng	100
38) 1-Methylnaphthalene	9.04	142	384321	48.123	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	172203	41.083	ng	98

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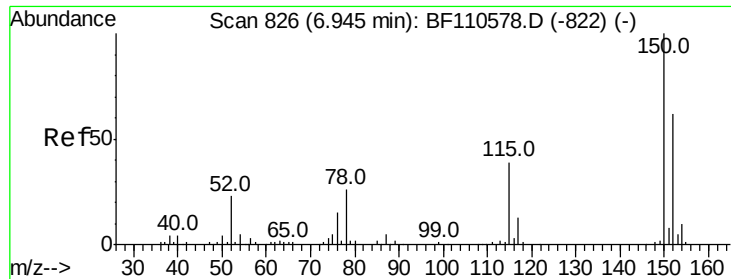
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	54752	37.939	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	116376	44.182	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	123870	44.087	nq	95
46) 1,1'-Biphenyl	9.40	154	497021	40.235	nq	100
47) 2-Chloronaphthalene	9.43	162	381716	42.892	nq	98
48) 2-Nitroaniline	9.53	65	126518	46.133	nq	99
49) Acenaphthylene	9.85	152	588274	45.900	nq	99
50) Dimethylphthalate	9.70	163	507699	51.382	nq	99
51) 2,6-Dinitrotoluene	9.77	165	97694	44.946	nq	93
52) Acenaphthene	10.02	154	354862	43.812	nq	97
53) 3-Nitroaniline	9.95	138	71115	28.240	nq	90
54) 2,4-Dinitrophenol	10.07	184	37037	44.962	nq	92
55) Dibenzofuran	10.19	168	504728	42.593	nq	99
56) 4-Nitrophenol	10.12	139	126696	75.836	nq	97
57) 2,4-Dinitrotoluene	10.19	165	130445	46.157	nq	90
58) Fluorene	10.54	166	432066	47.469	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	102999	46.599	nq	94
60) Diethylphthalate	10.40	149	455995	46.648	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	198667	42.155	nq	100
62) 4-Nitroaniline	10.57	138	101058	39.853	nq	94
63) Azobenzene	10.69	77	419348	43.970	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	40629	31.923	nq	94
66) n-Nitrosodiphenylamine	10.65	169	373408	43.868	nq	97
67) 4-Bromophenyl-phenylether	11.02	248	116550	41.760	nq	98
68) Hexachlorobenzene	11.09	284	126160	42.874	nq	# 91
69) Atrazine	11.17	200	122521	47.076	nq	99
70) Pentachlorophenol	11.29	266	97173	61.889	nq	98
71) Phenanthrene	11.51	178	620595	45.870	nq	98
72) Anthracene	11.56	178	642478	47.075	nq	99
73) Carbazole	11.72	167	566394	43.213	nq	100
74) Di-n-butylphthalate	12.02	149	703104	45.745	nq	99
75) Fluoranthene	12.70	202	636998	46.962	nq	97
77) Benzidine	12.82	184	163324	36.054	nq	97
78) Pyrene	12.93	202	625989	49.355	nq	99
80) Butylbenzylphthalate	13.53	149	283345	51.904	nq	99
81) Benzo(a)anthracene	14.13	228	470394	47.776	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	97427	29.539	nq	99
83) Chrysene	14.16	228	439168	46.819	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	387492	57.219	nq	97
85) Di-n-octyl phthalate	14.69	149	575092	57.748	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	406657	60.415	nq	99
88) Benzo(b)fluoranthene	15.21	252	366340	47.311	nq	100
89) Benzo(k)fluoranthene	15.24	252	335030	43.787	nq	98
90) Benzo(a)pyrene	15.60	252	338192	48.070	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	337037	56.610	nq	100
92) Benzo(g,h,i)perylene	17.74	276	336985	57.047	nq	98

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



#1

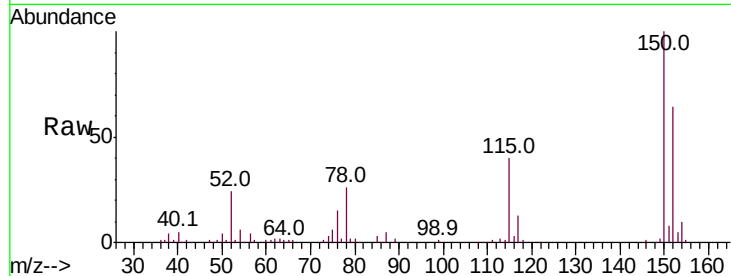
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	62.9	49.1	73.7

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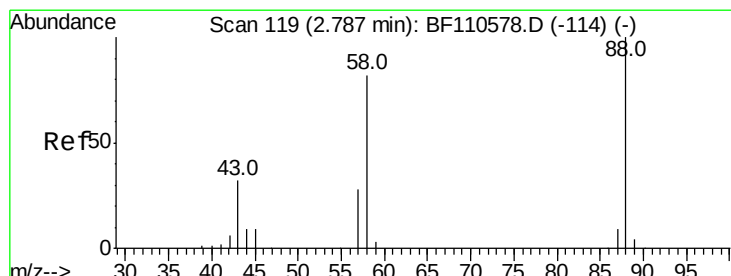
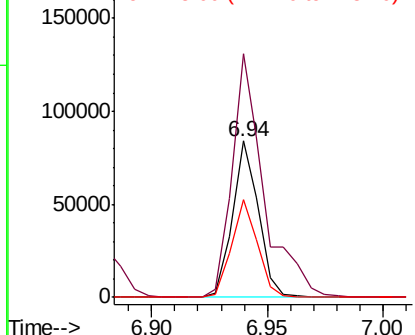
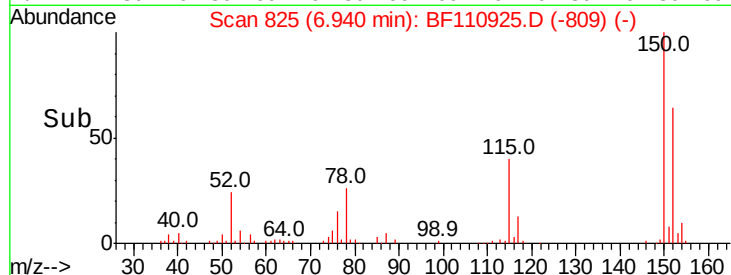


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

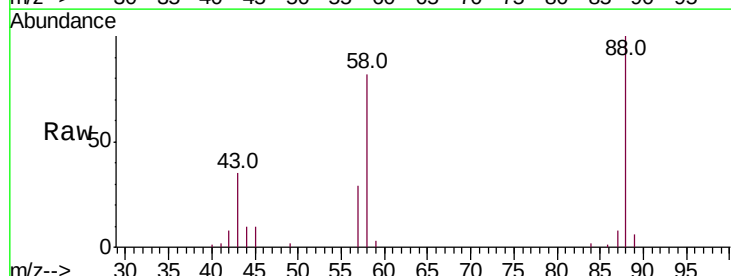
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.548 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.02 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	57.1	85.7
43	33.0	24.1	36.1

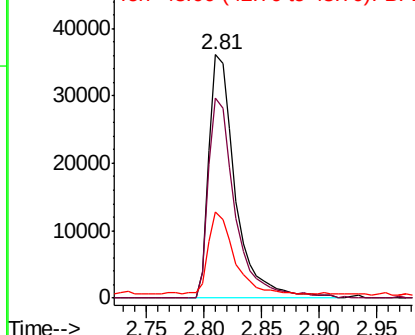
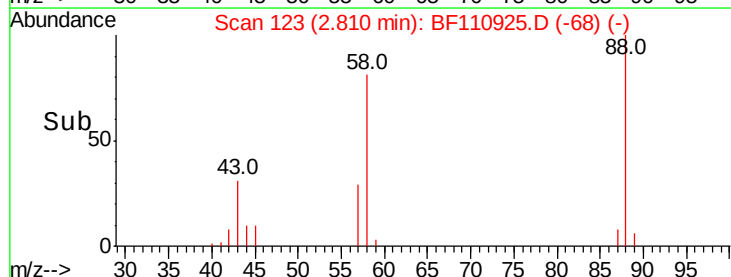


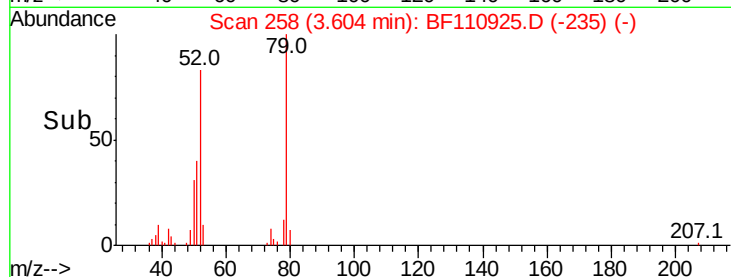
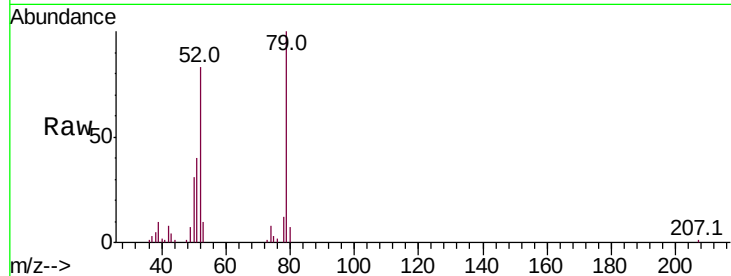
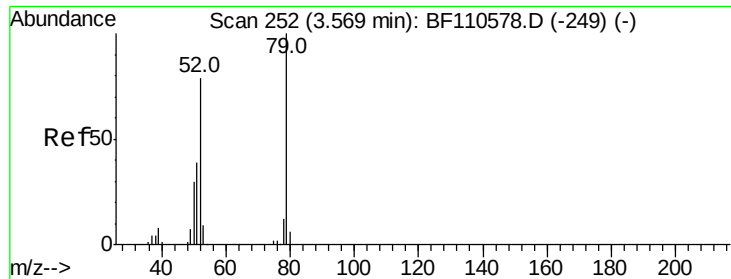
Abundance

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





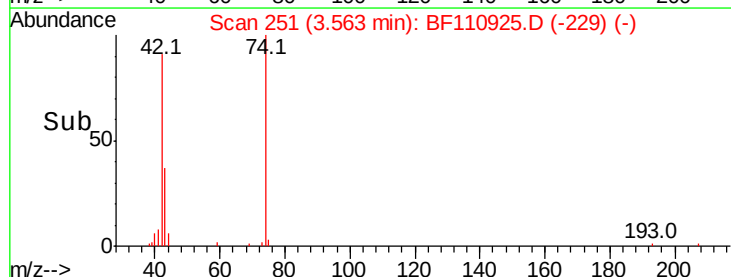
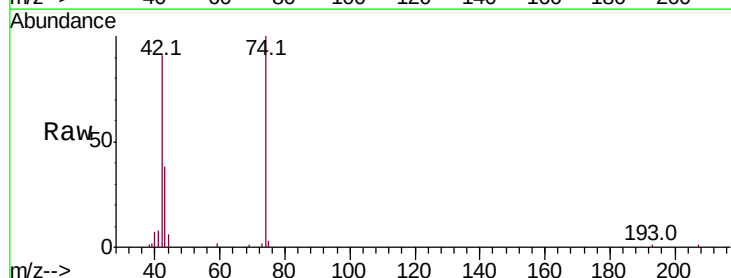
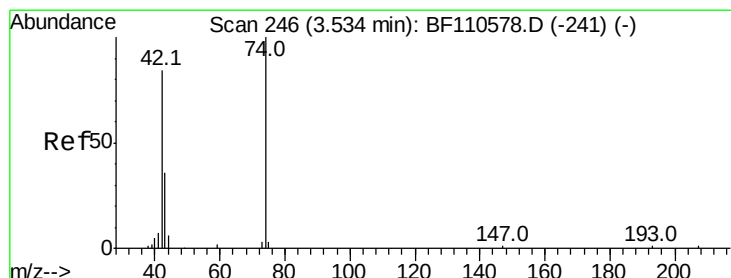
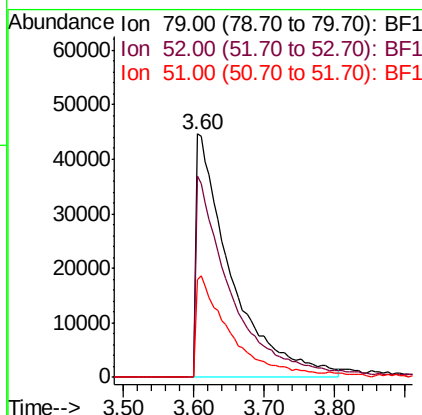
#3
Pvridine
Concen: 35.767 ng
RT: 3.60 min Scan# 258
Delta R.T. 0.04 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tot Ion: 79 Resp: 155736
Ion Ratio Lower Upper
79 100
52 82.9 53.1 79.7#
51 40.1 27.4 41.2

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

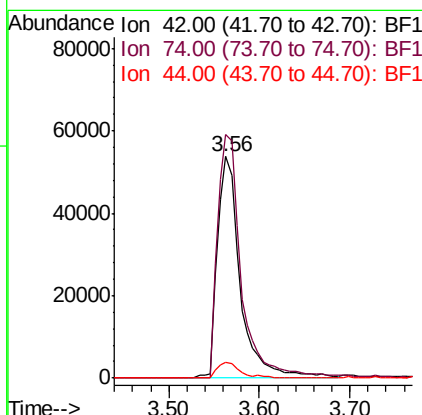
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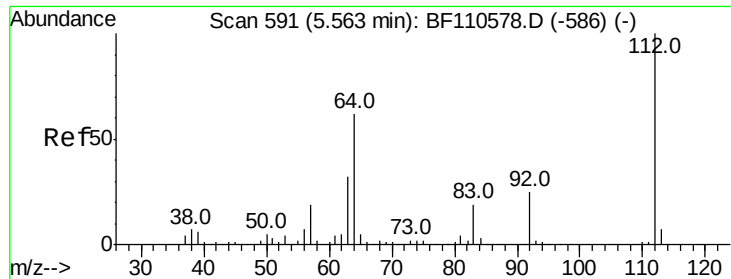
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#4
n-Nitrosodimethylamine
Concen: 50.062 ng
RT: 3.56 min Scan# 251
Delta R.T. 0.03 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion: 42 Resp: 93529
Ion Ratio Lower Upper
42 100
74 110.0 105.5 158.3
44 7.0 4.9 7.3





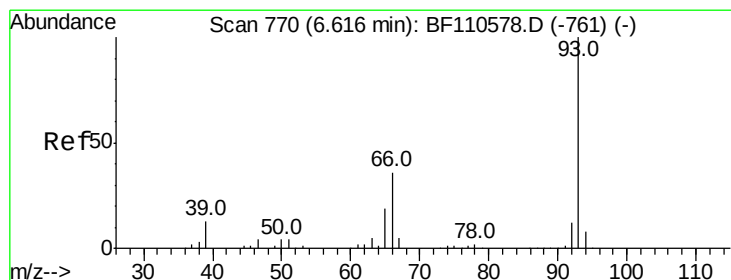
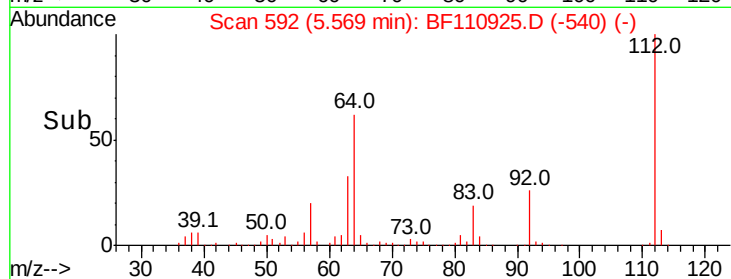
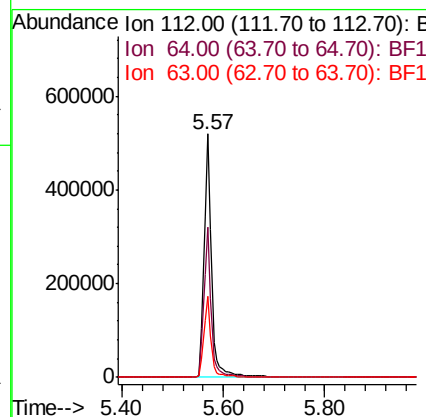
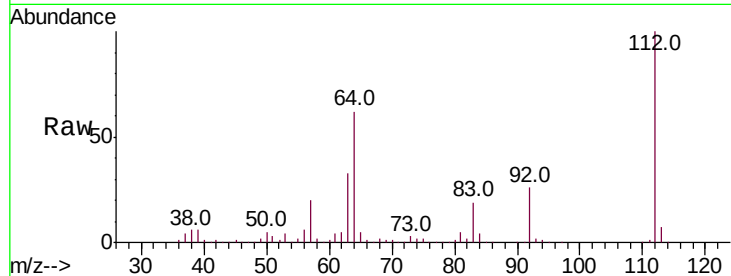
#5
2-Fluorophenol
Concen: 134.368 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.8	44.1	66.1
63	33.2	23.7	35.5

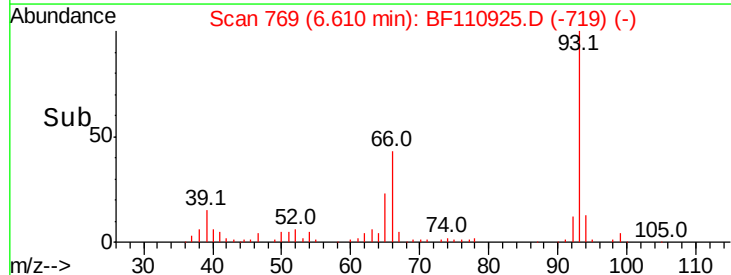
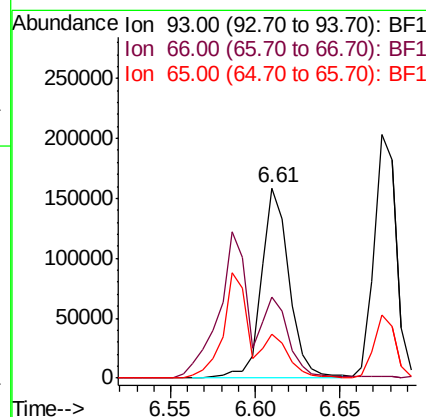
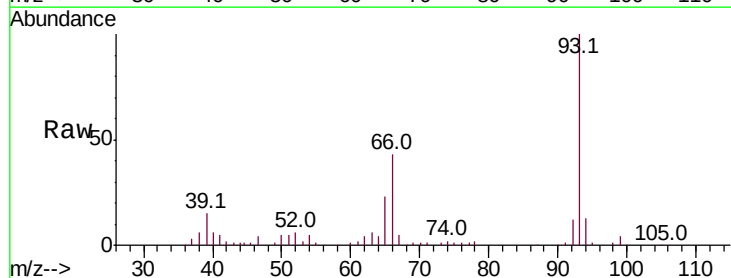
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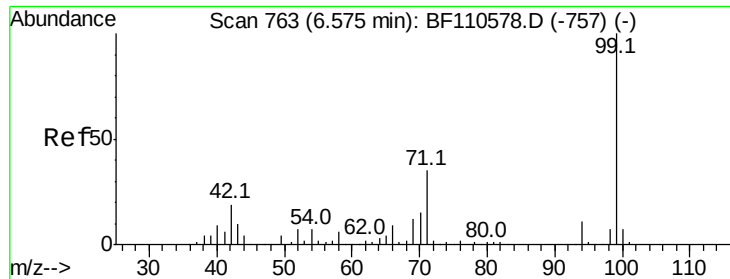
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#6
Aniline
Concen: 27.014 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.6	67.4	101.0#
65	23.1	41.0	61.4#





#7

Phenol-d6

Concen: 132.730 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

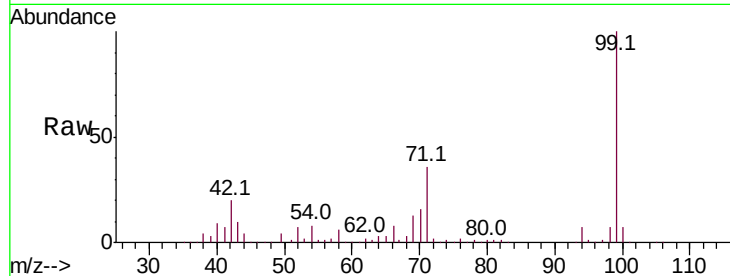
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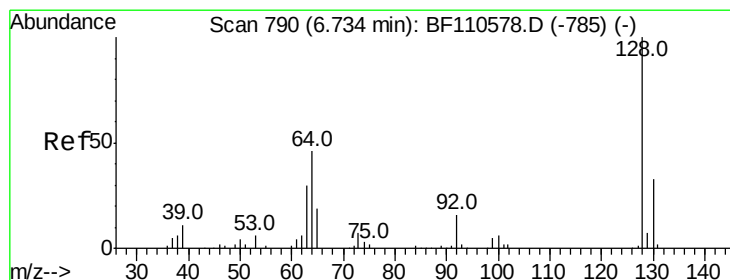
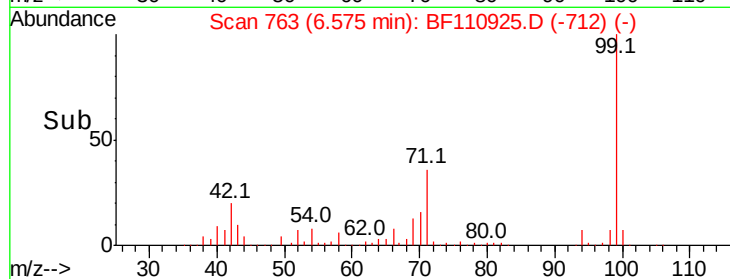
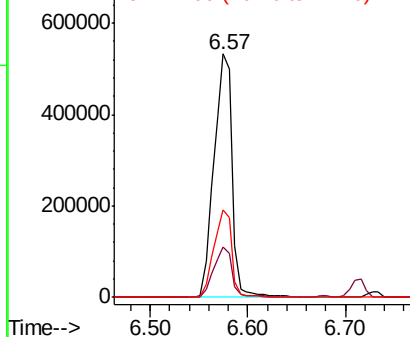
Tot Ion:	99	Resp:	687168
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.8	23.6
71	36.0	28.0	42.0

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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: 43.203 ng

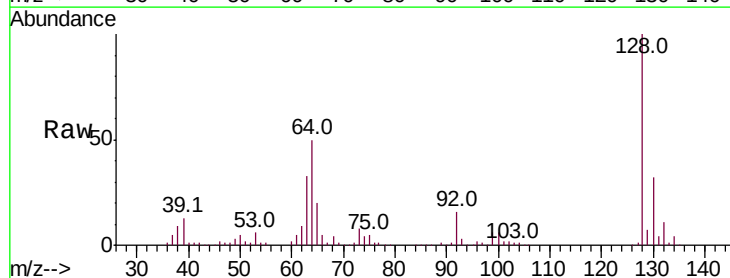
RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

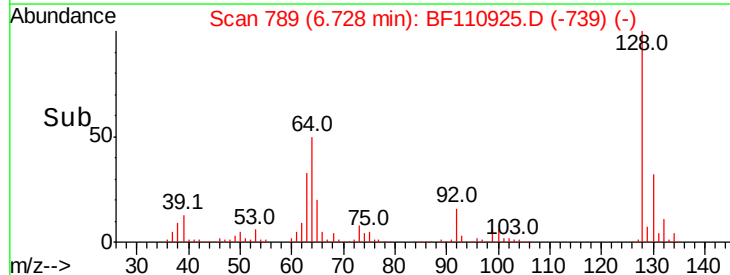
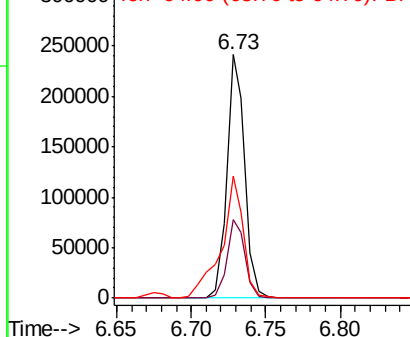
Lab File: BF110925.D

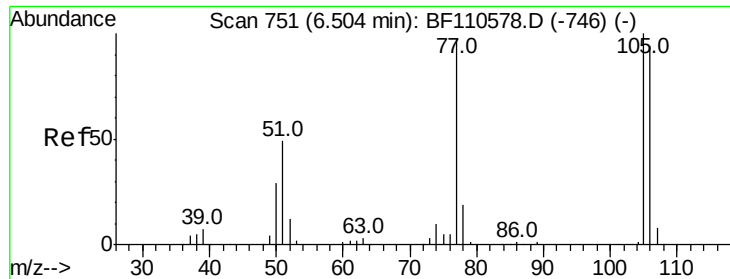
Acq: 21 Nov 2018 13:47

Tgt Ion:	128	Resp:	205048
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	50.3	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: 29.636 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

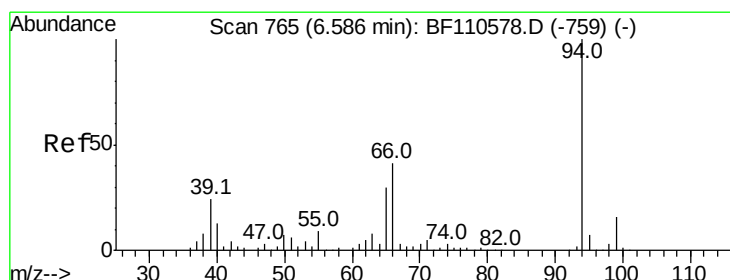
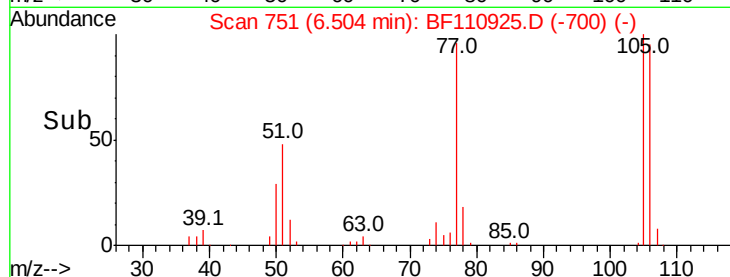
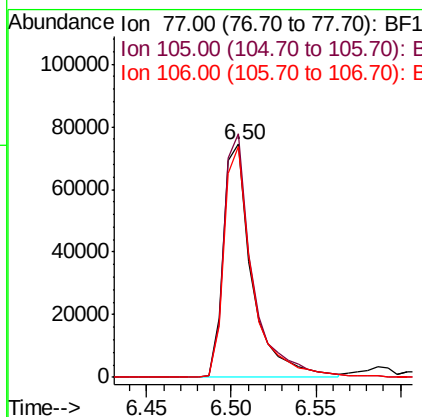
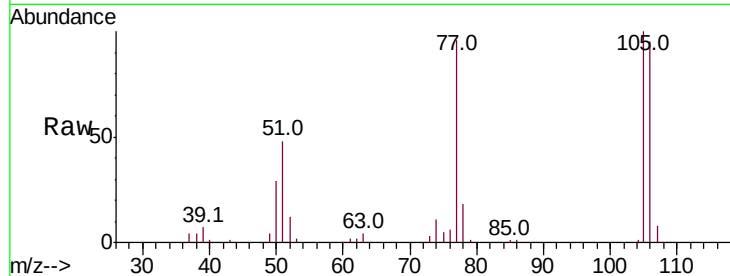
ClientSampleID :

TS-BUCKETSMS

Tot Ion:	77	Resp:	88257
Ion	Ratio	Lower	Upper
77	100		
105	104.3	78.6	118.6
106	99.0	74.8	114.8

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#10

Phenol

Concen: 48.021 ng

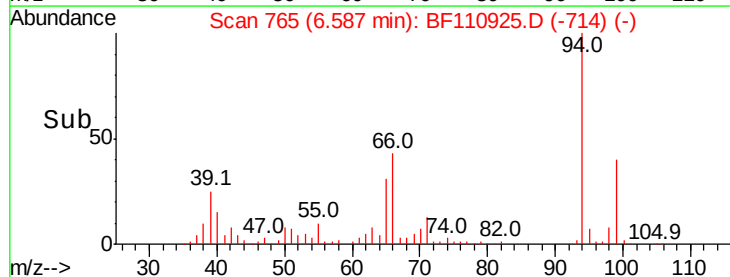
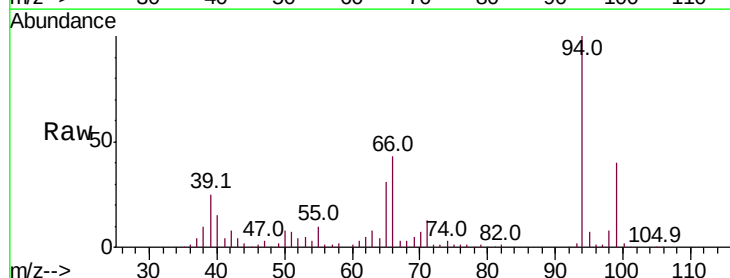
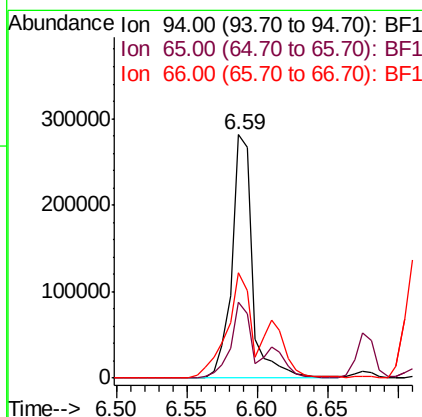
RT: 6.59 min Scan# 765

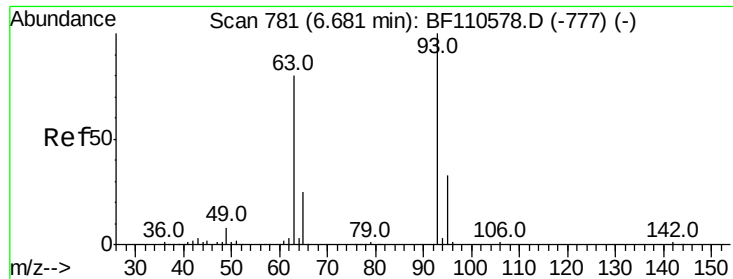
Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:	94	Resp:	288275
Ion	Ratio	Lower	Upper
94	100		
65	31.4	25.3	65.3
66	43.5	54.5	94.5#





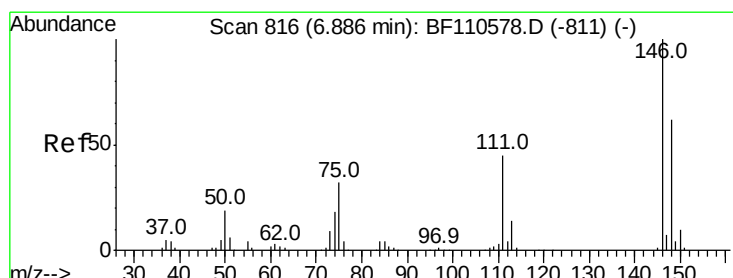
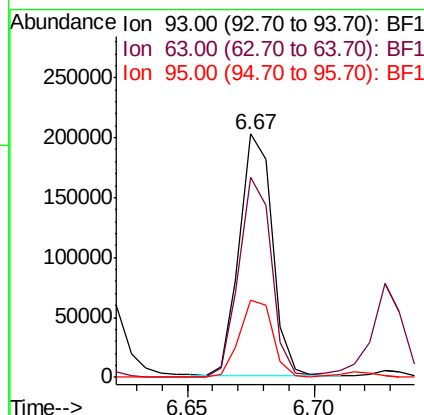
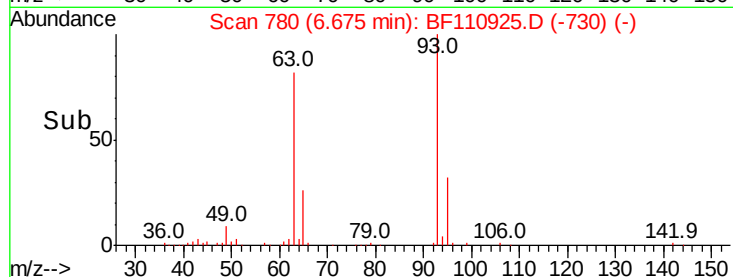
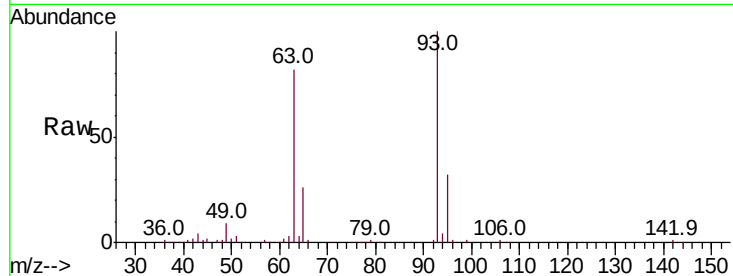
#11
bis(2-Chloroethyl)ether
Concen: 40.443 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	93	Ratio	100	Resp	181952
Ion	93	100		Lower	Upper
	63	82.4		53.4	93.4
	95	31.9		12.1	52.1

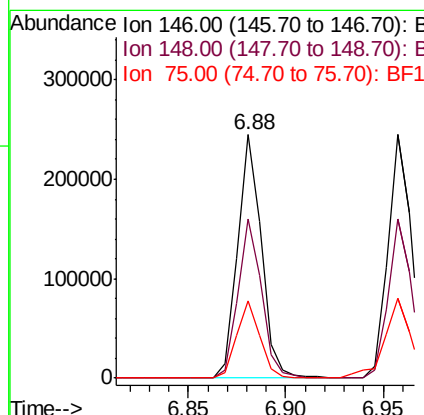
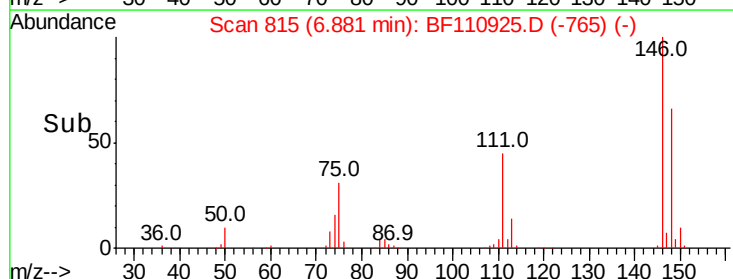
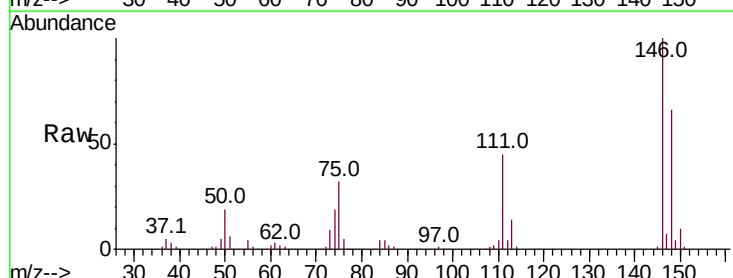
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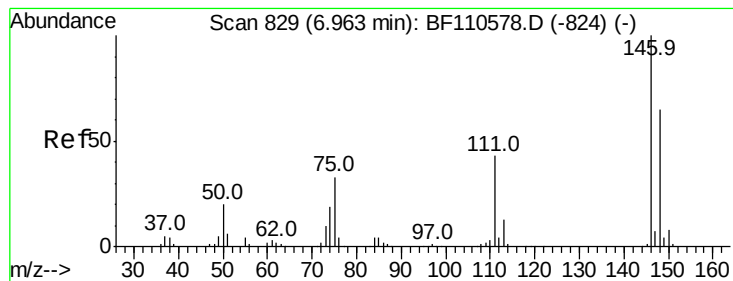
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.991 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	146	Ratio	100	Resp	207673
Ion	146	100		Lower	Upper
	148	65.6		50.4	75.6
	75	32.0		25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.155 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

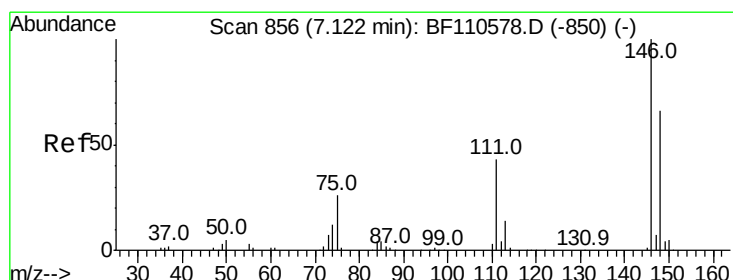
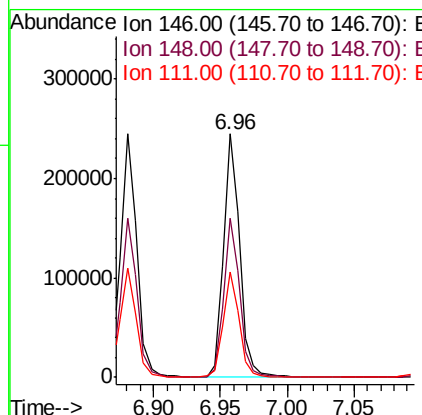
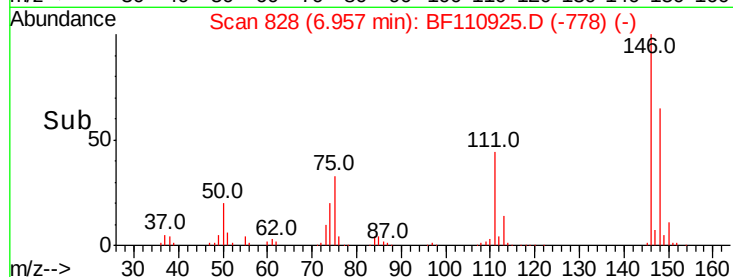
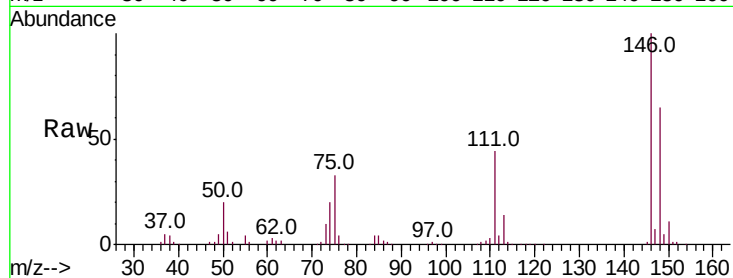
ClientSampleId :

TS-BUCKETSMS

Tot Ion:	146	Resp:	211748
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.3	75.5
111	43.6	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 41.128 ng

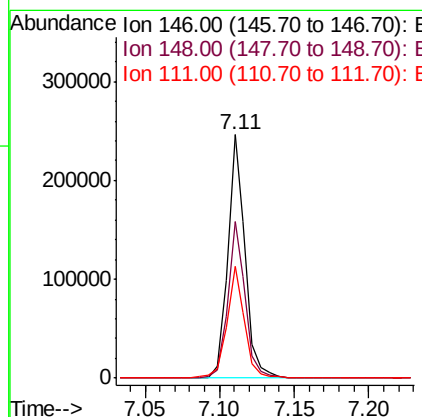
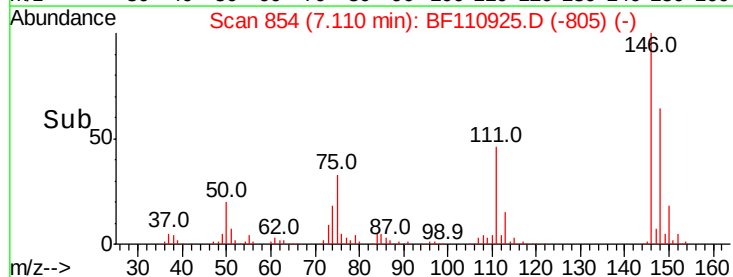
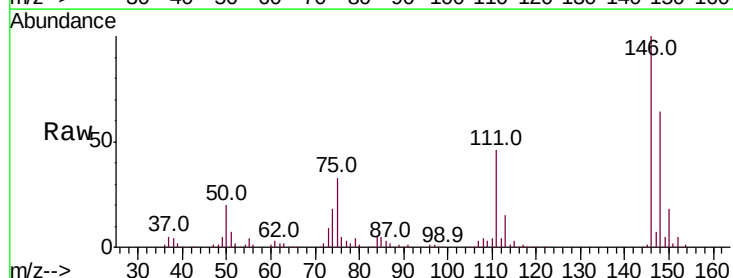
RT: 7.11 min Scan# 854

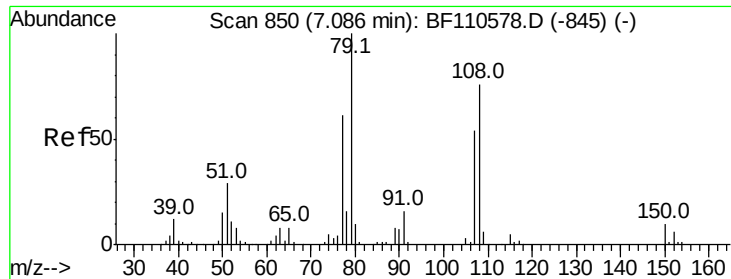
Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:	146	Resp:	201757
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	45.7	35.8	53.6





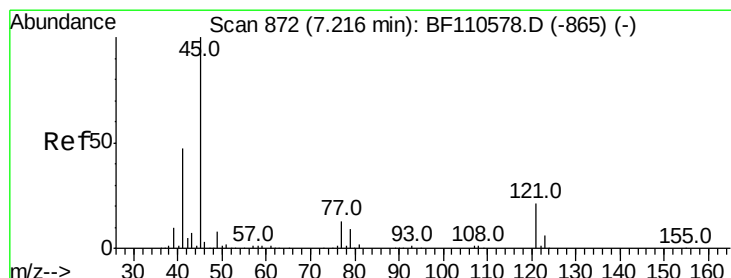
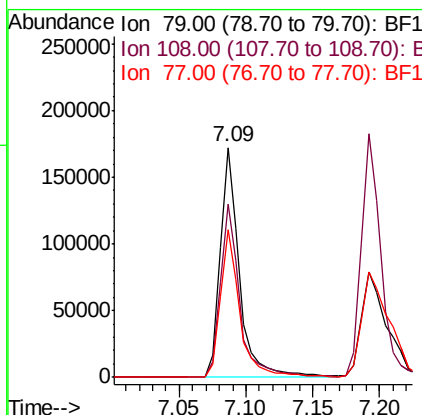
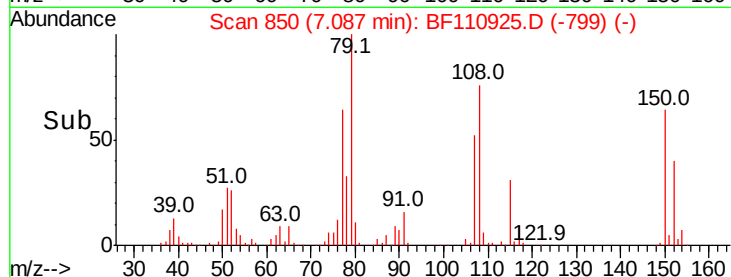
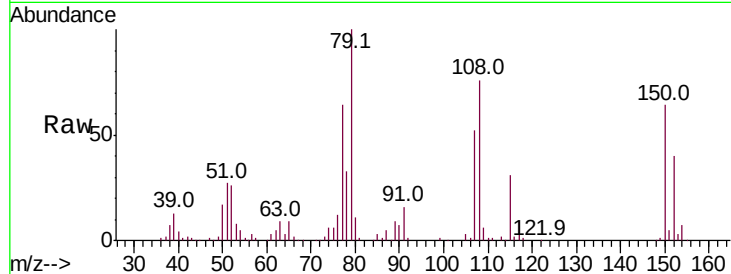
#15
Benzyl Alcohol
Concen: 43.390 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	56.3	84.5
77	64.1	52.9	79.3

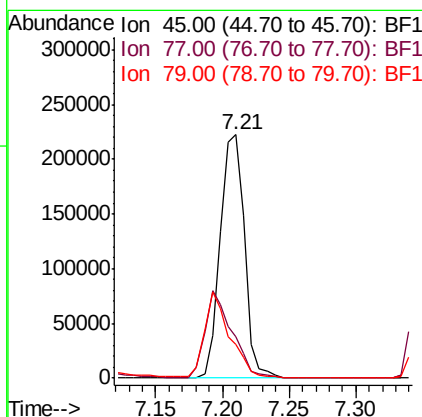
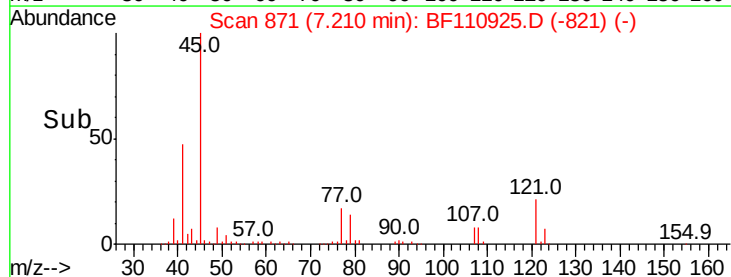
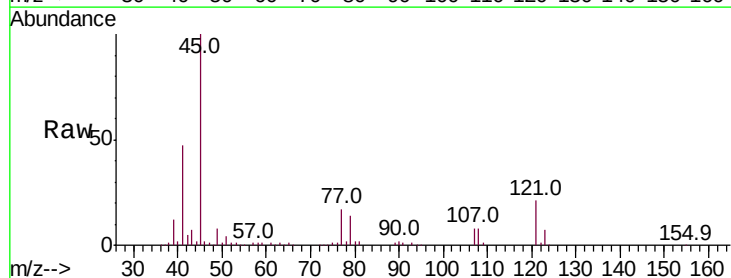
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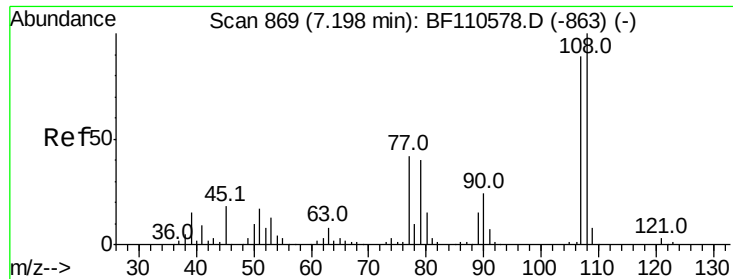
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.751 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	10.0	50.0
79	13.7	6.1	46.1





#17

2-Methylphenol

Concen: 44.004 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMS

Tot Ion:107 Resp: 166214
Ion Ratio Lower Upper

107 100

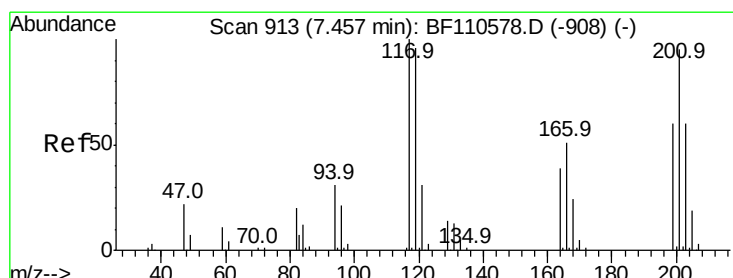
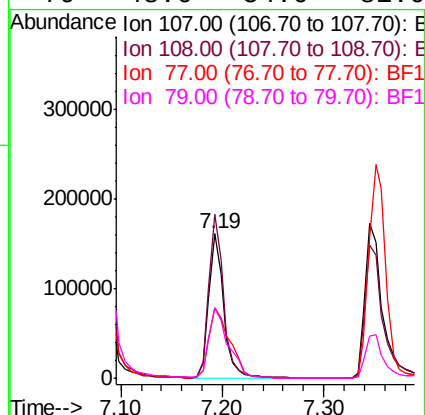
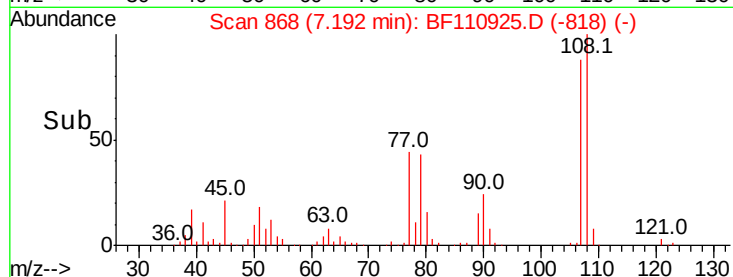
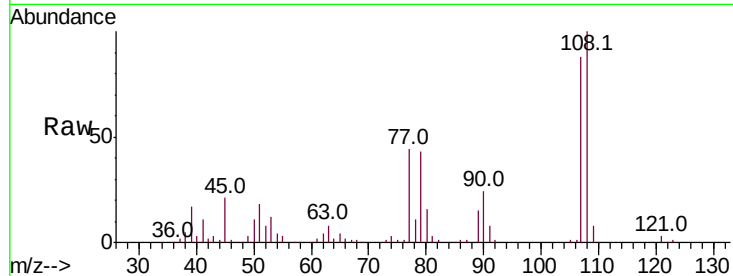
108 113.0 92.6 138.8

77 49.2 59.4 89.2#

79 48.6 54.0 81.0#

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#18

Hexachloroethane

Concen: 40.932 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110925.D

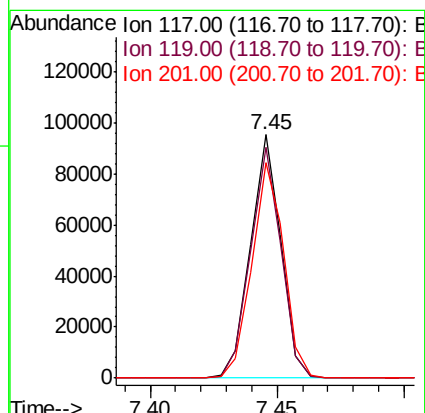
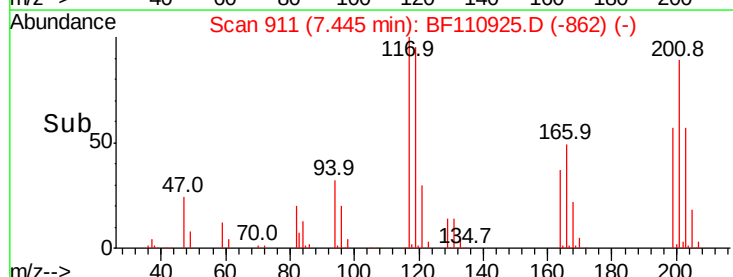
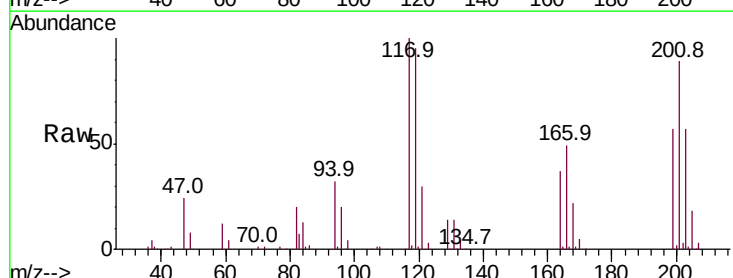
Acq: 21 Nov 2018 13:47

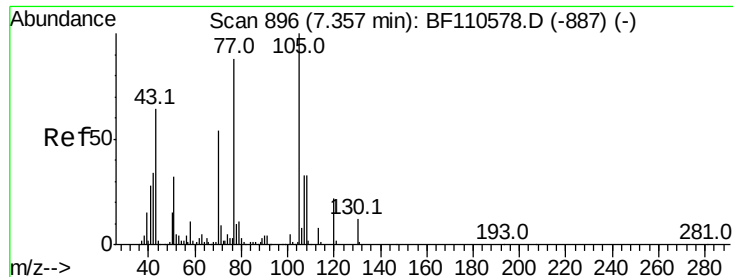
Tgt Ion:117 Resp: 79685
Ion Ratio Lower Upper

117 100

119 94.7 75.0 112.6

201 88.6 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.537 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMS

Tot Ion: 70 Resp: 140573

Ion Ratio Lower Upper

70 100

42 62.9 47.4 71.2

101 9.5 7.3 10.9

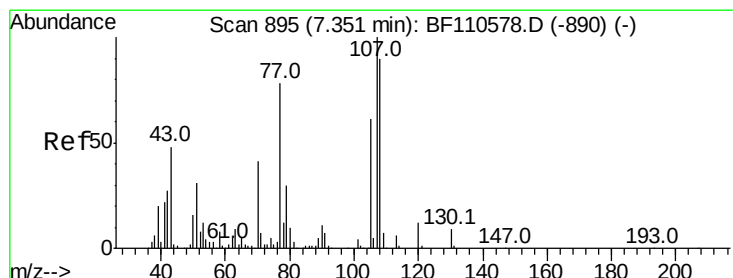
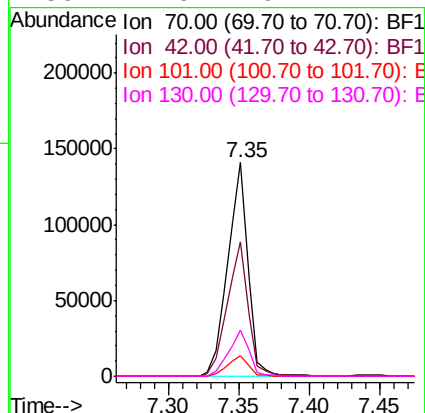
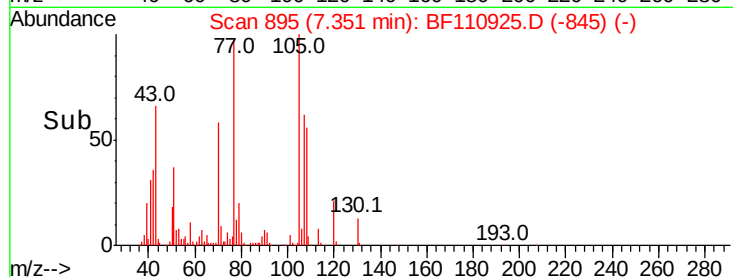
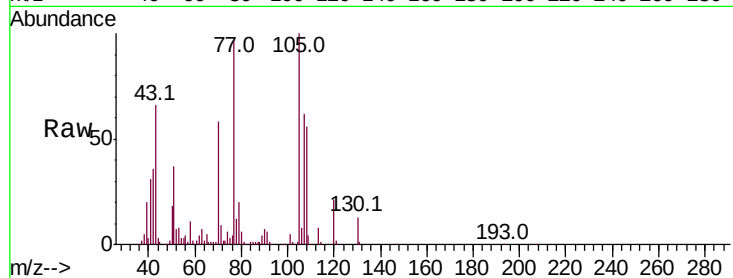
130 21.9 16.2 24.2

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#20

3+4-Methylphenols

Concen: 44.359 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion: 107 Resp: 215090

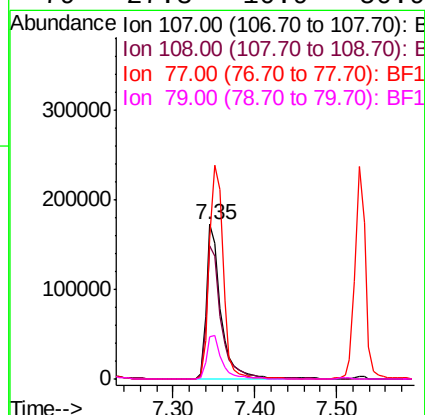
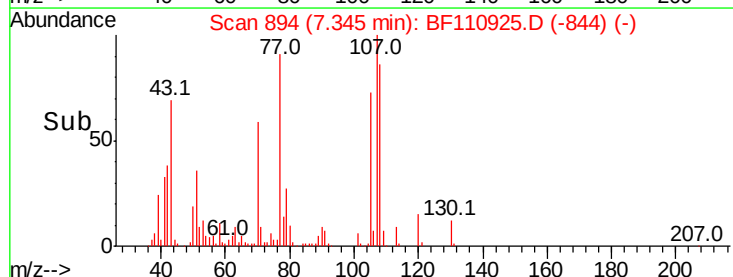
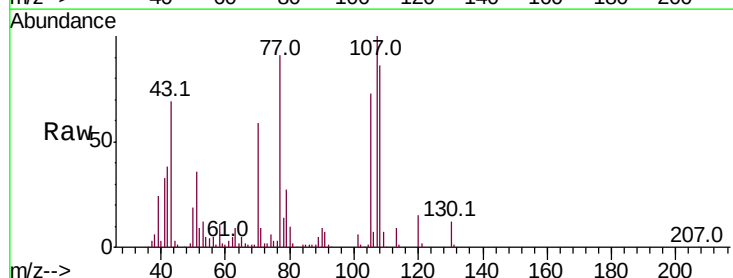
Ion Ratio Lower Upper

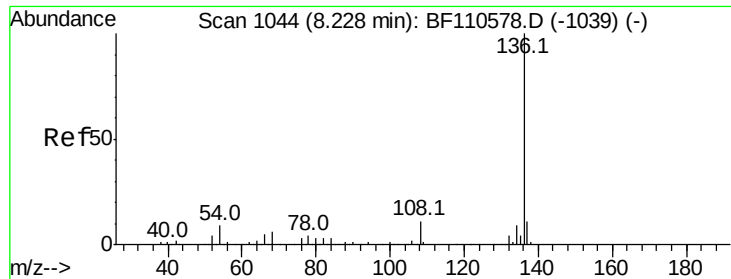
107 100

108 86.4 71.4 111.4

77 91.1 47.3 87.3#

79 27.3 10.9 50.9





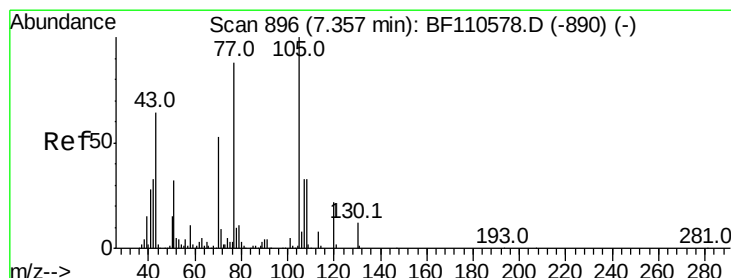
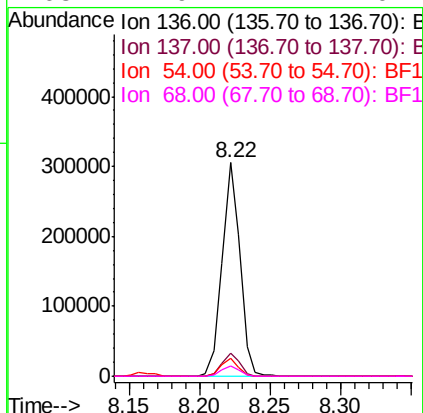
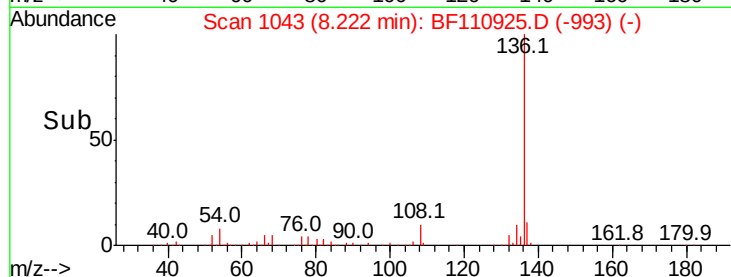
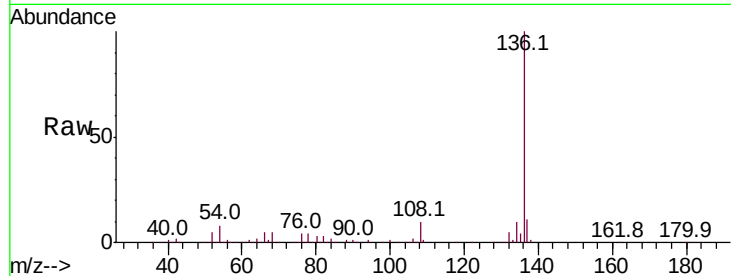
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		269841		
137	10.9		8.8	13.2	
54	8.3		5.4	8.2#	
68	4.9		4.2	6.2	

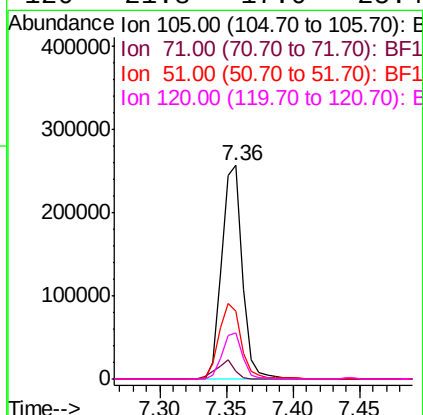
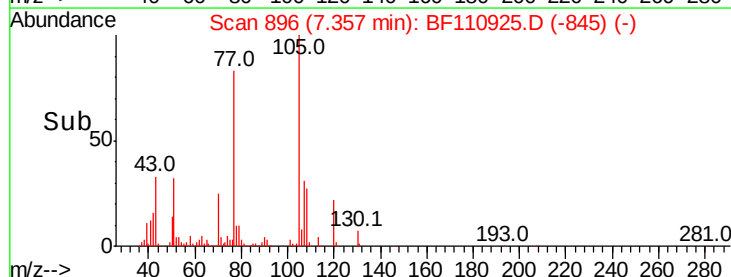
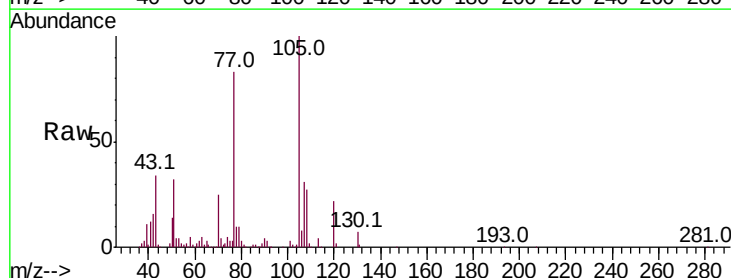
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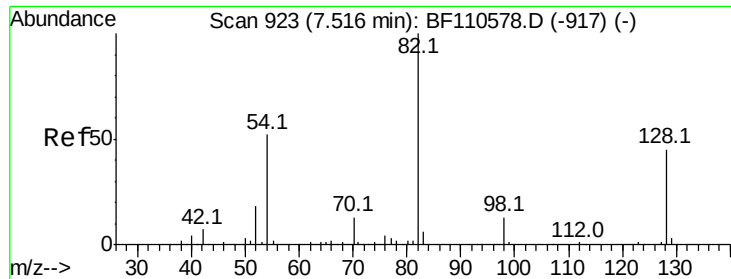
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#22
Acetophenone
Concen: 44.838 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		281979		
71	3.8		5.2	7.8#	
51	31.8		21.8	32.8	
120	21.8		17.0	25.4	





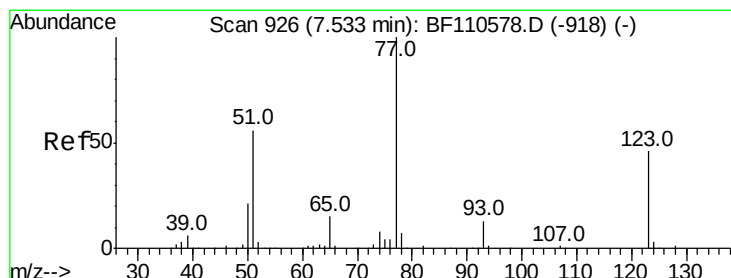
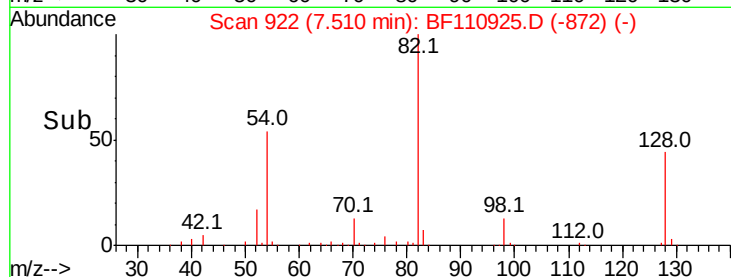
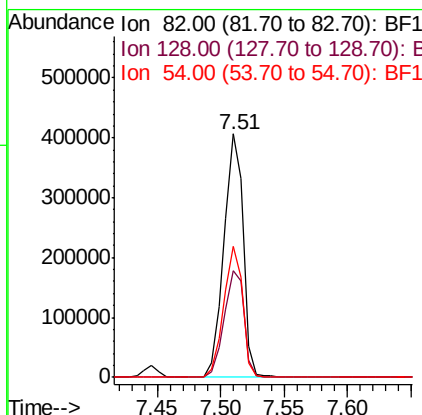
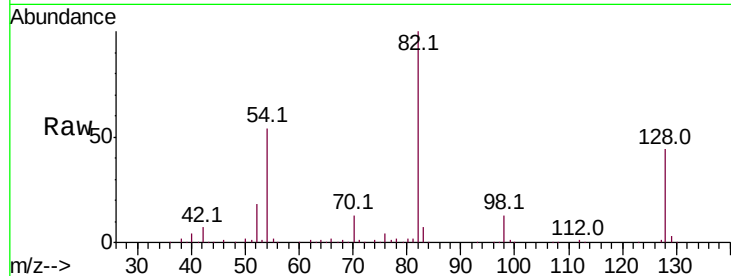
#23
 Nitrobenzene-d5
 Concen: 91.842 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	53.8	38.6	58.0

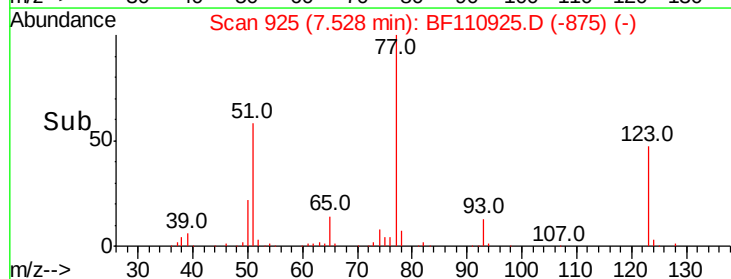
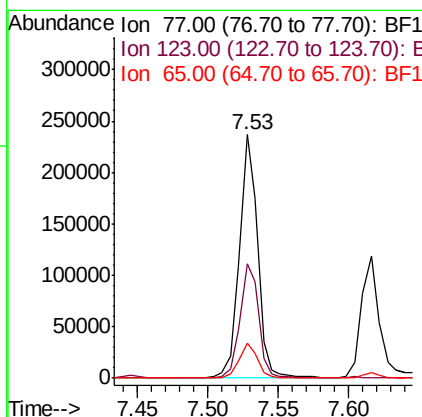
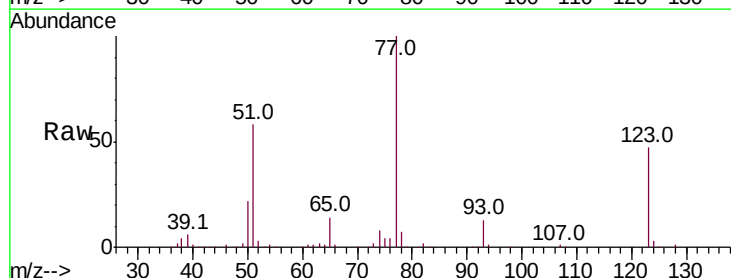
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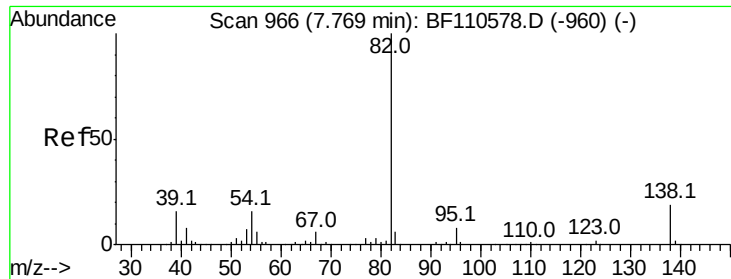
mohammad
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#24
 Nitrobenzene
 Concen: 44.444 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	35.7	53.5
65	14.2	10.7	16.1





#25

Isophorone

Concen: 50.404 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

TS-BUCKETSMS

Tot Ion: 82 Resp: 387090

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

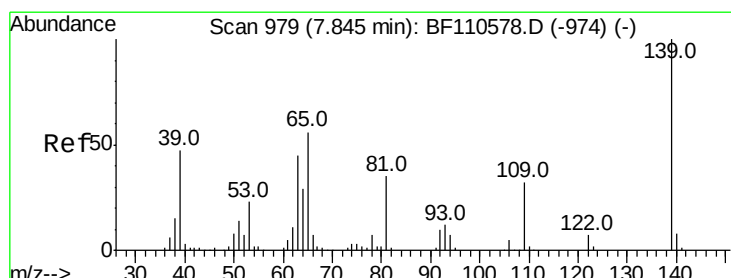
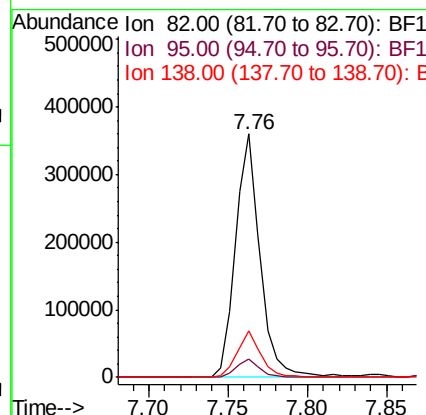
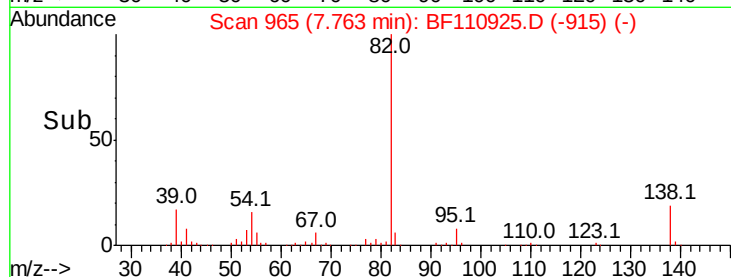
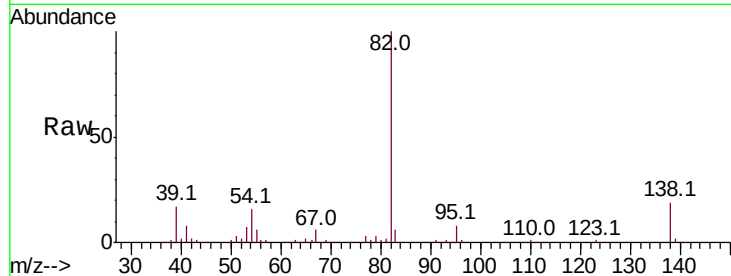
138 18.9 13.2 19.8

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#26

2-Nitrophenol

Concen: 46.062 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

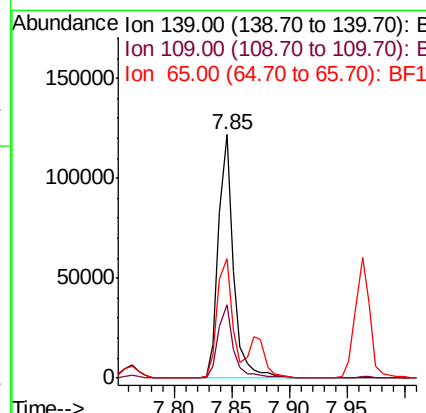
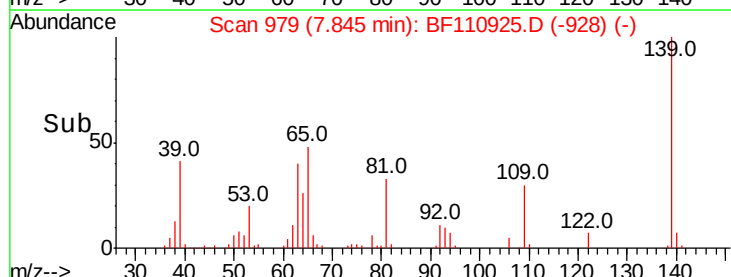
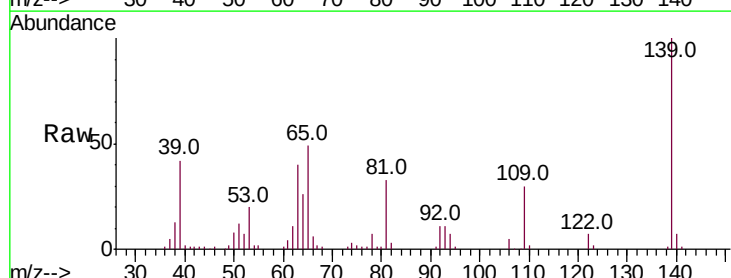
Tgt Ion: 139 Resp: 110317

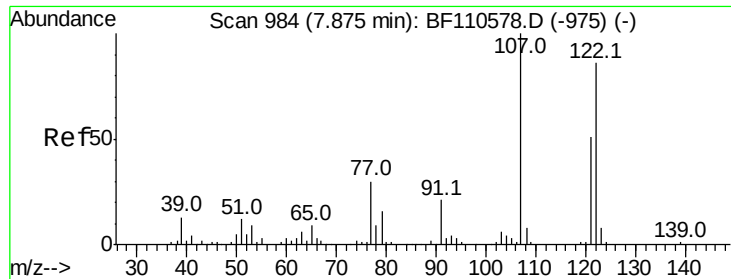
Ion Ratio Lower Upper

139 100

109 30.1 25.0 37.6

65 49.0 44.0 66.0





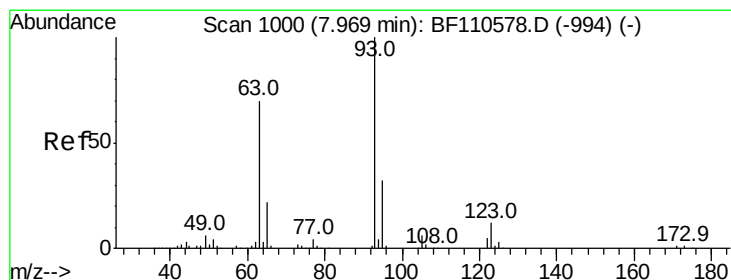
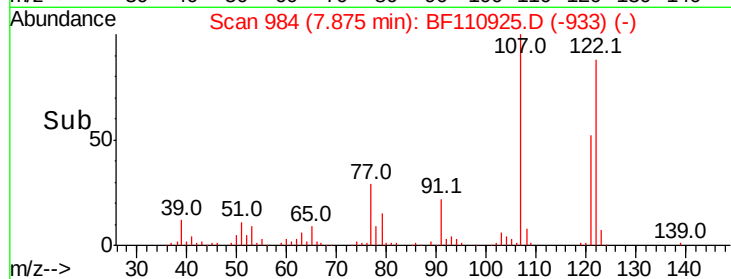
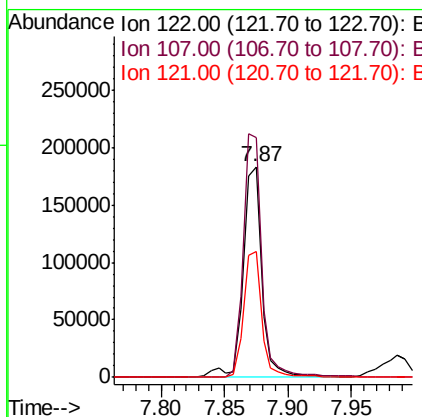
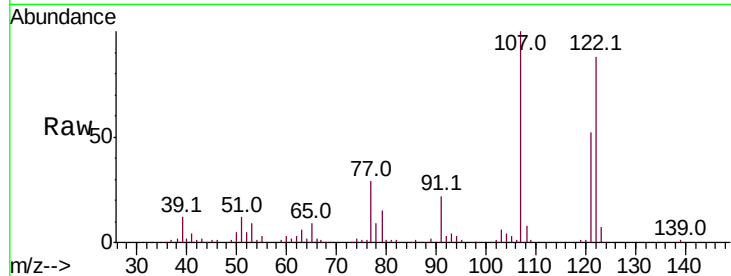
#27
 2,4-Dimethylphenol
 Concen: 51.692 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	188542		
107	114.1	92.5	138.7	
121	59.6	45.8	68.8	

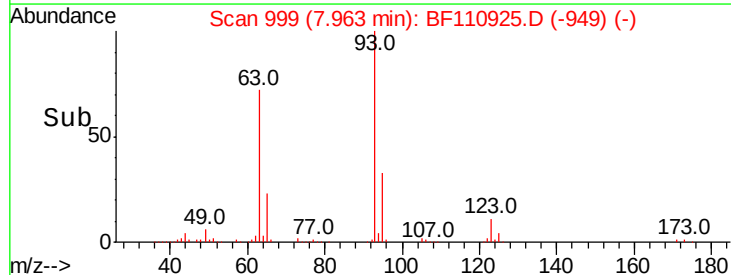
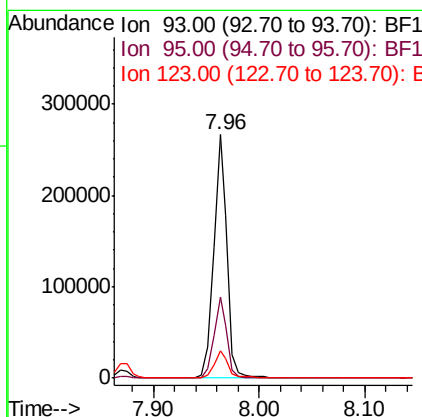
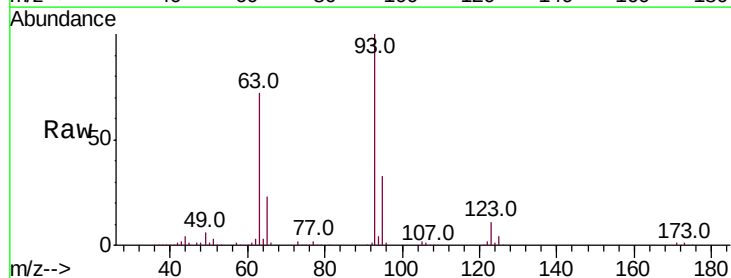
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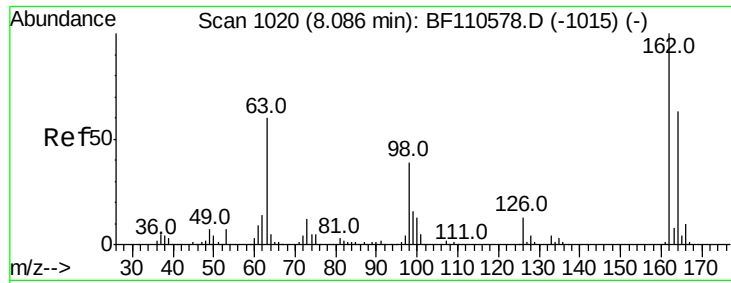
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.744 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	237859		
95	33.4	26.4	39.6	
123	11.3	9.0	13.6	





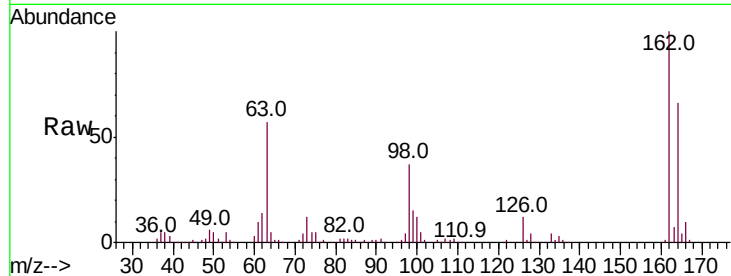
#29
2,4-Dichlorophenol
Concen: 45.956 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

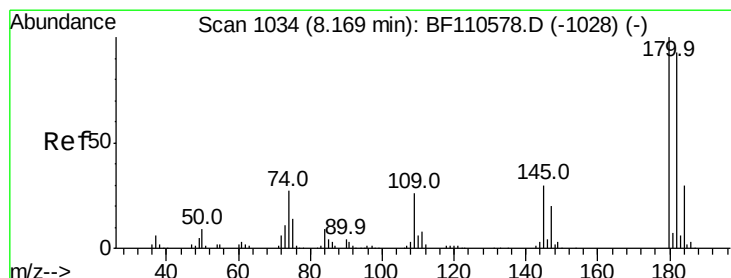
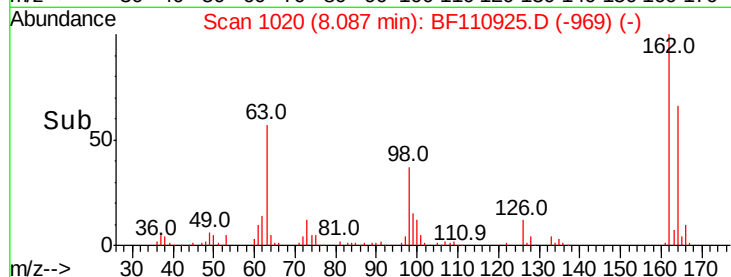
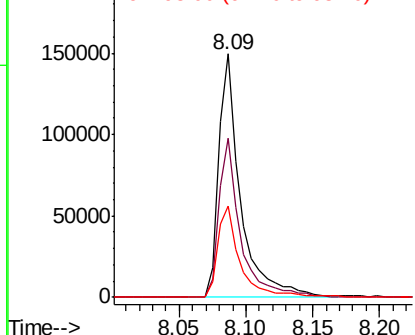
Tot Ion	Ratio	Resp	Lower	Upper
162	100	172474		
164	65.5	44.6	84.6	
98	37.3	17.4	57.4	

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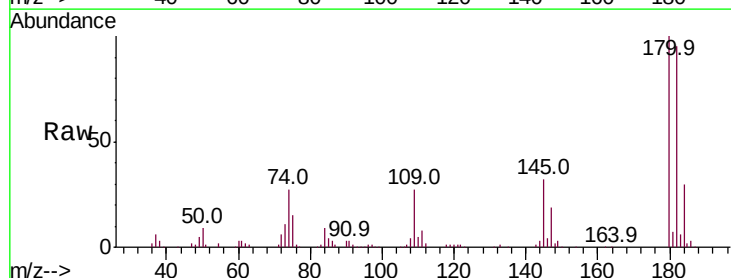


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

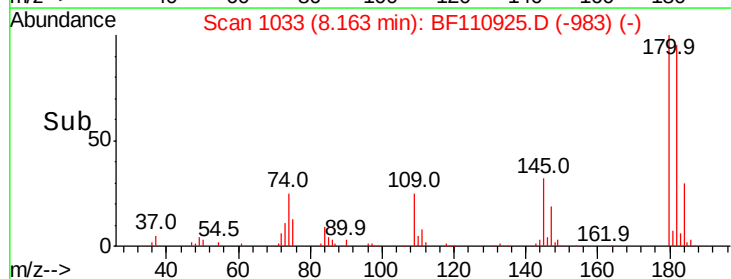
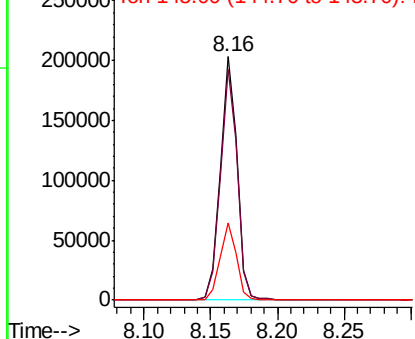


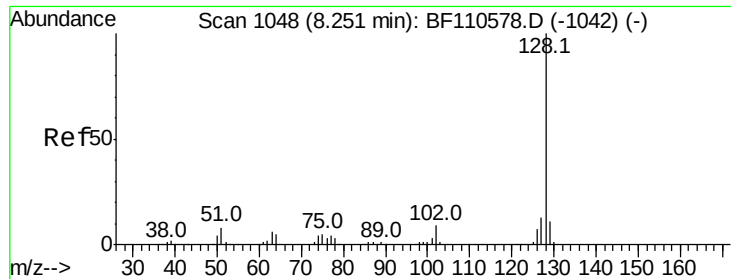
#30
1,2,4-Trichlorobenzene
Concen: 42.842 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181285		
182	94.9	80.3	120.5	
145	31.8	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





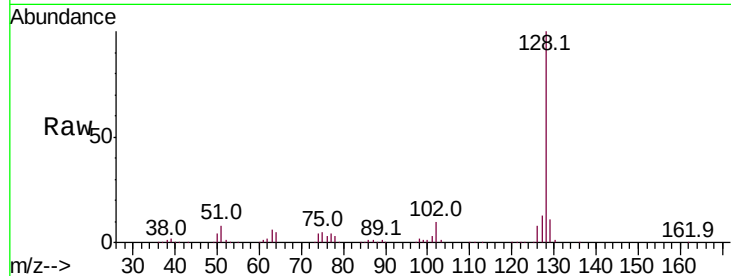
#31
Naphthalene
Concen: 46.574 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.8	16.2

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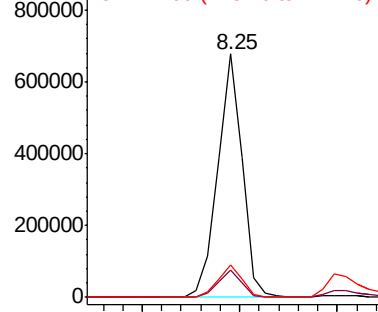


Abundance

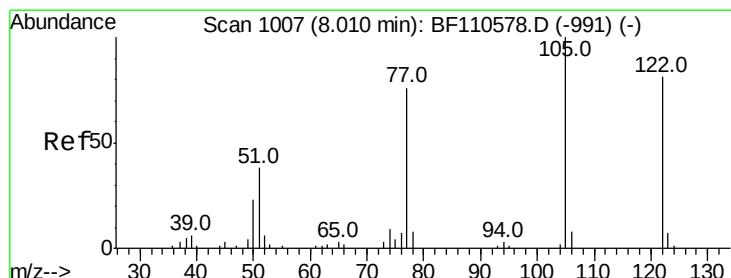
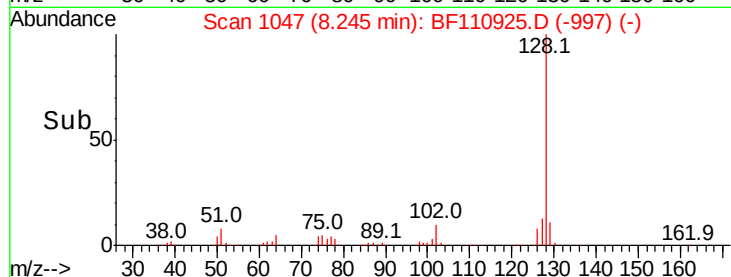
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

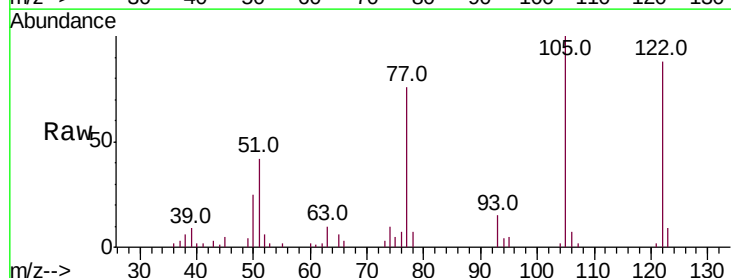


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#32
Benzoic acid
Concen: 13.670 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.8	109.0	149.0
77	86.2	79.0	119.0

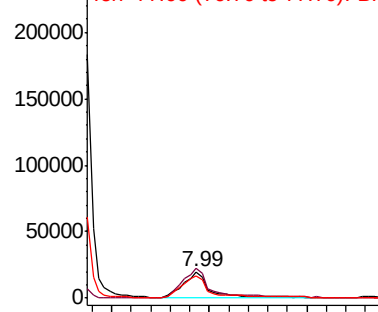


Abundance

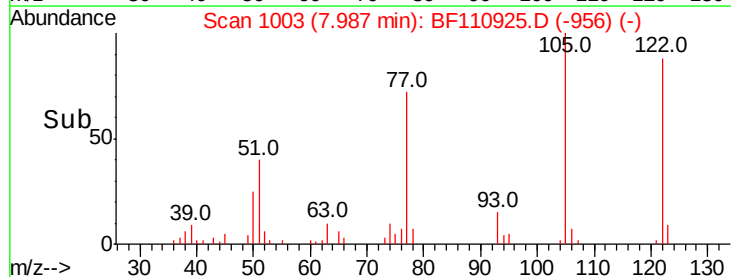
Ion 122.00 (121.70 to 122.70): E

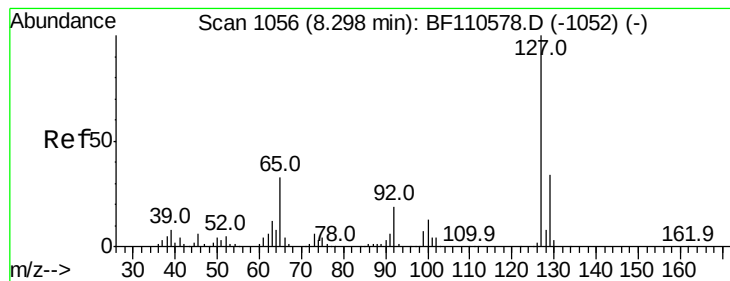
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->





#33

4-Chloroaniline

Concen: 16.109 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

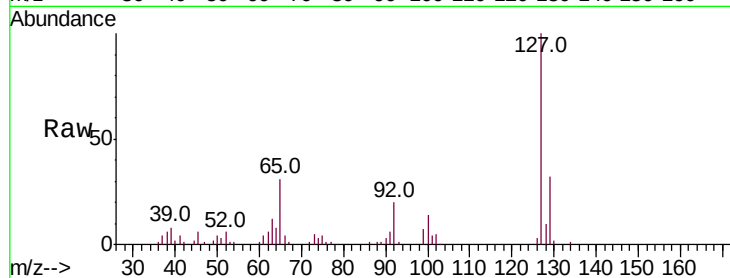
ClientSampleId :

TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	31.1	25.1	37.7
92	20.3	15.0	22.6

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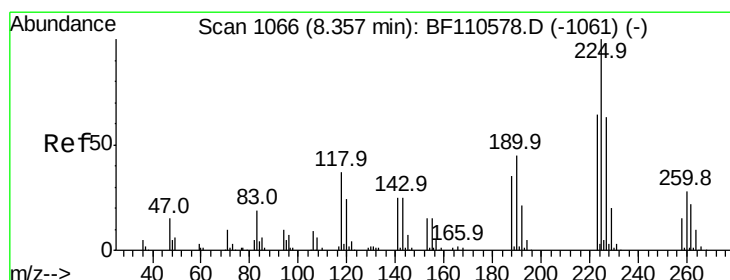
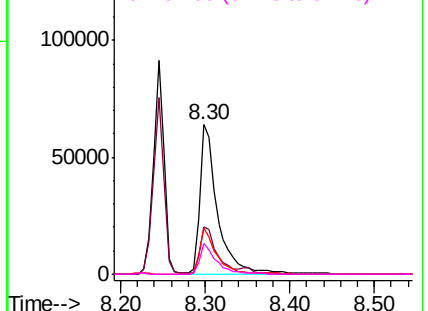
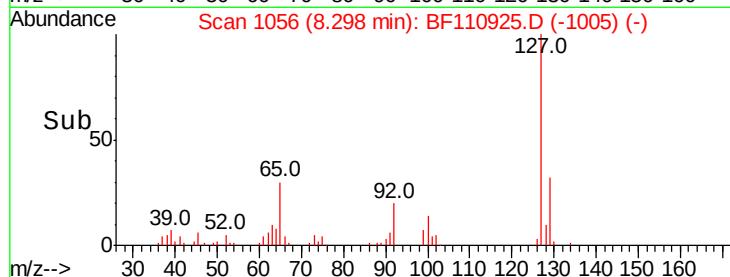
Abundance

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: 41.167 ng

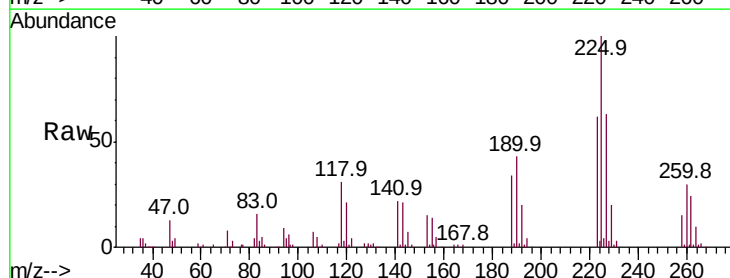
RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.2
227	63.3	51.0	76.6

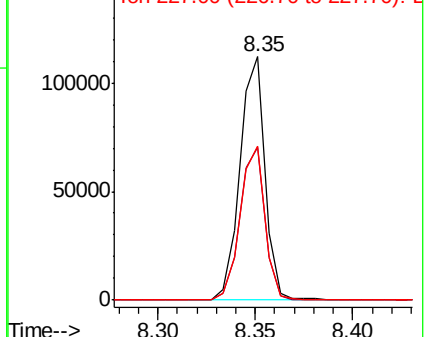
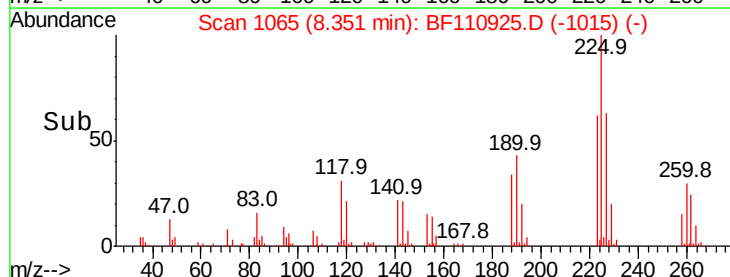


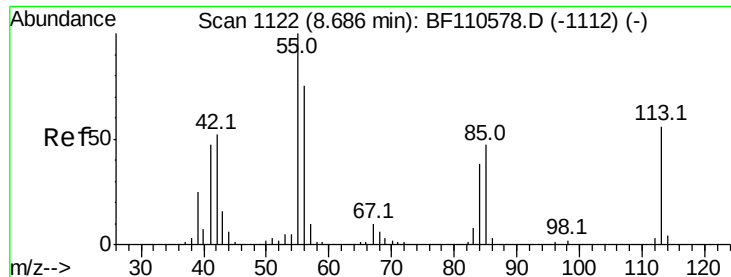
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





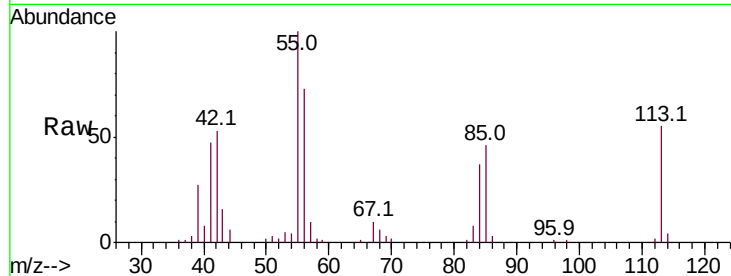
#35
 Caprolactam
 Concen: 43.741 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

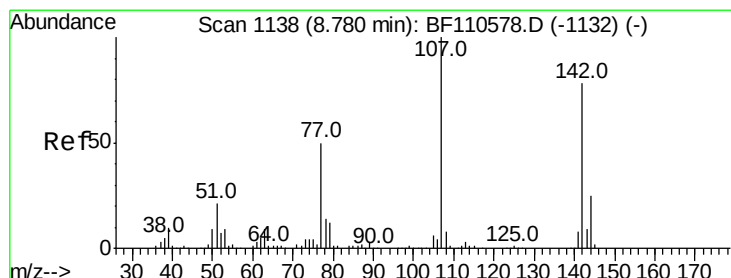
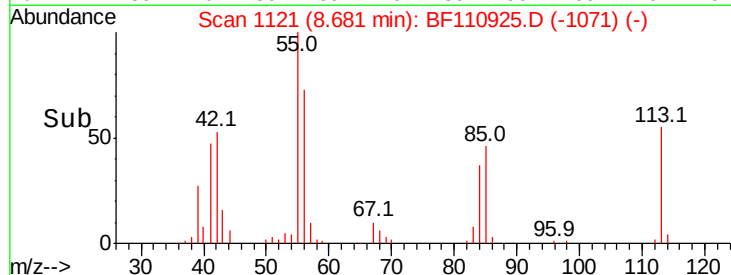
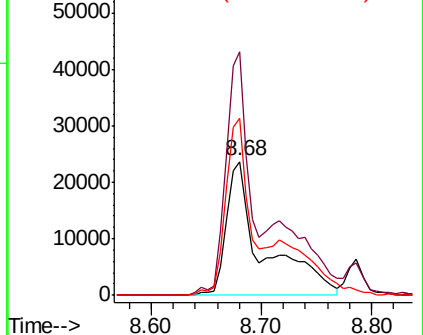
Tot Ion:113 Resp: 54846
 Ion Ratio Lower Upper
 113 100
 55 181.7 142.8 182.8
 56 132.4 105.0 145.0

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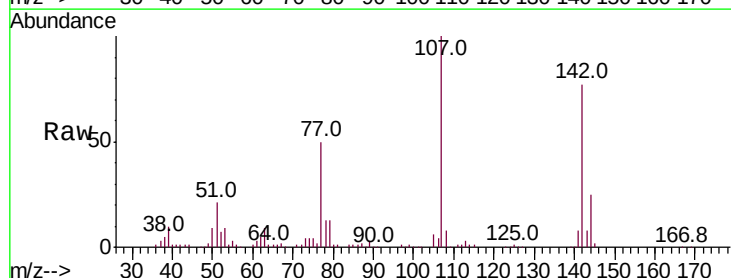


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

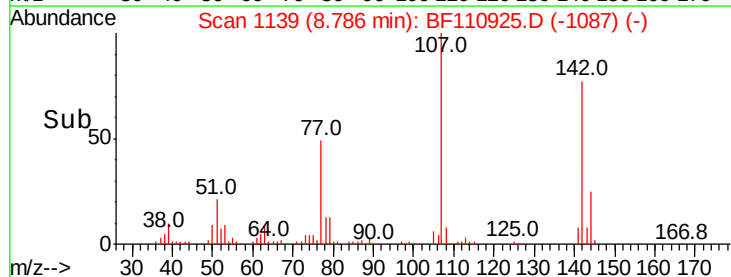
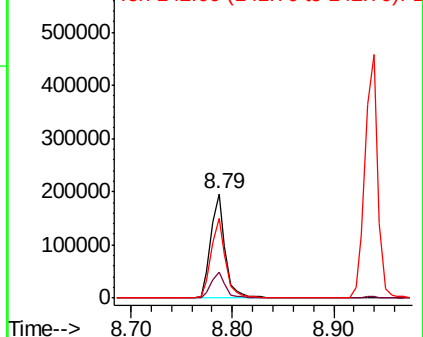


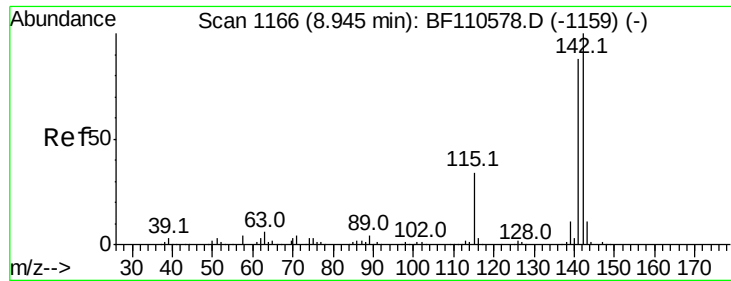
#36
 4-Chloro-3-methylphenol
 Concen: 48.019 ng/ml
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:107 Resp: 194361
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 77.1 59.7 89.5



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





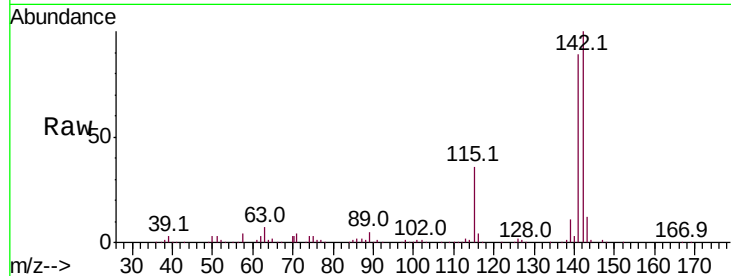
#37
2-Methylnaphthalene
Concen: 48.431 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	35.6	28.7	43.1

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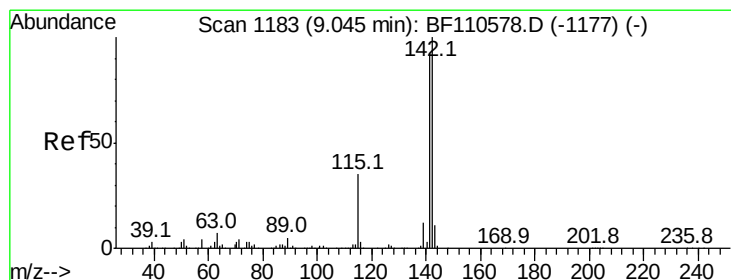
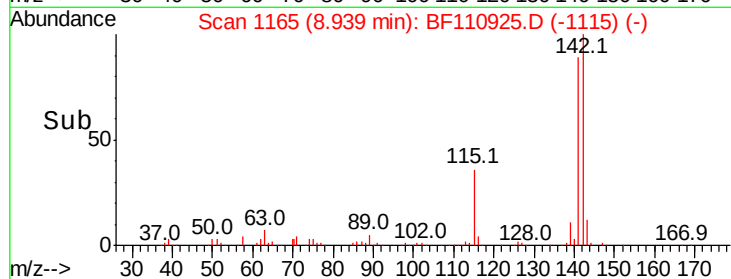
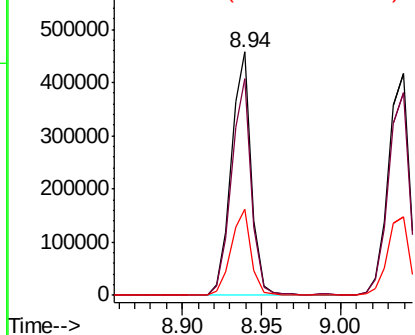


Abundance

Ion 142.00 (141.70 to 142.70): E

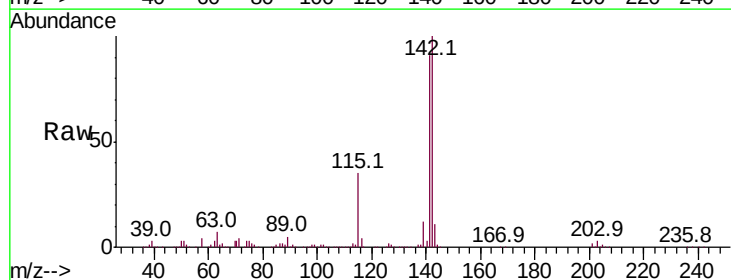
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.123 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.2	111.4
116	3.5	2.6	4.0

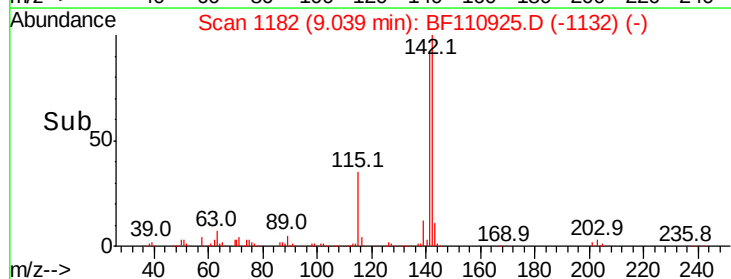
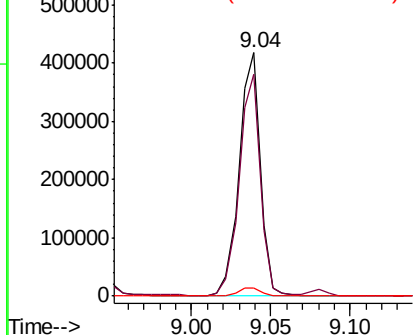


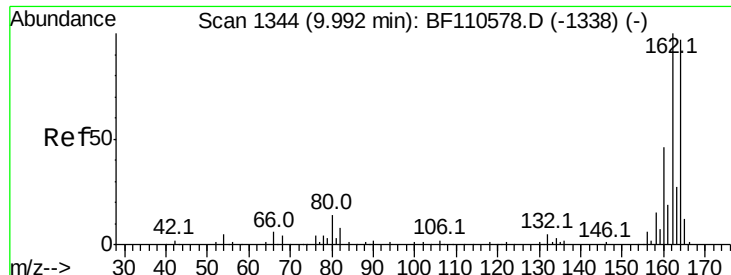
Abundance

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





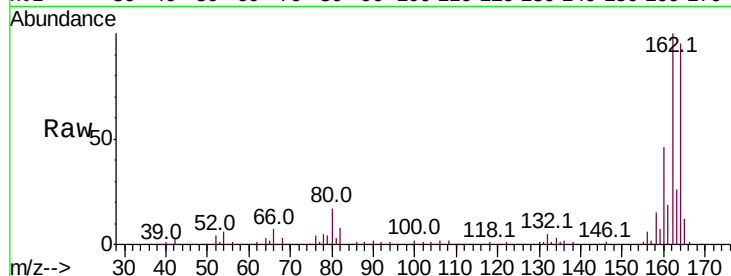
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	48.1	37.0	55.6

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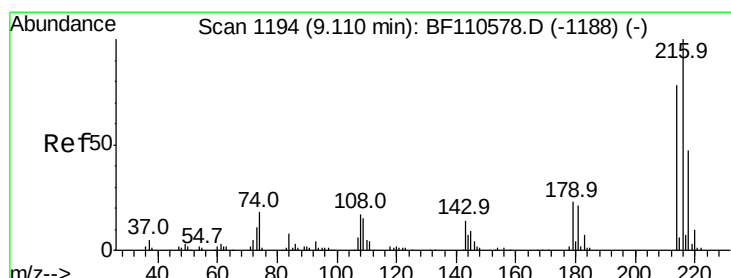
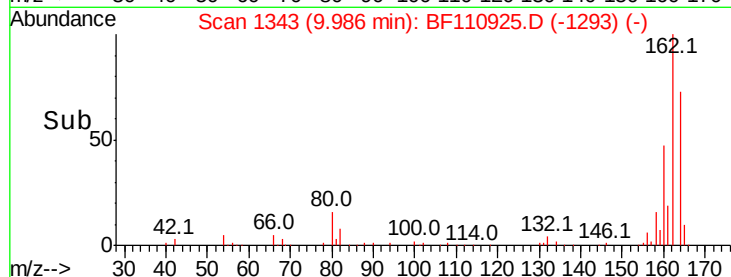
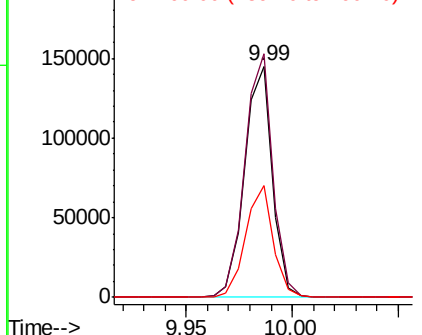


Abundance

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: 41.083 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	23.2	16.6	25.0
108	19.5	15.1	22.7

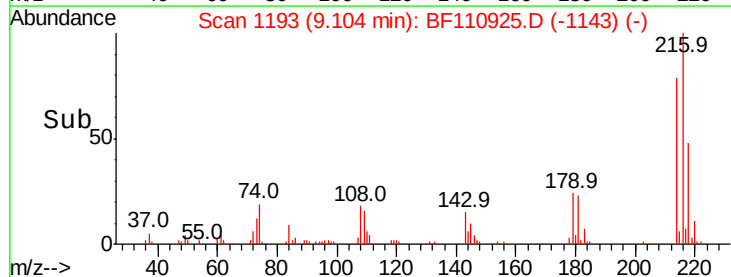
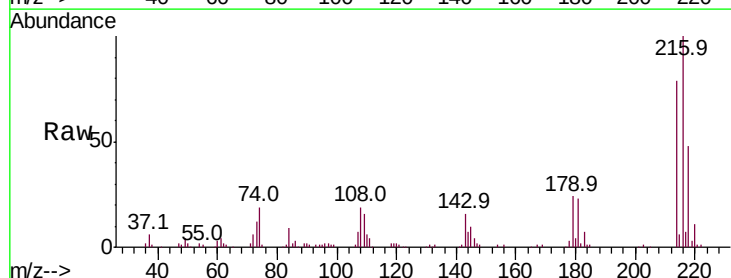
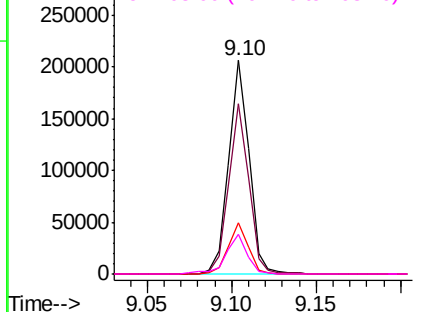
Abundance

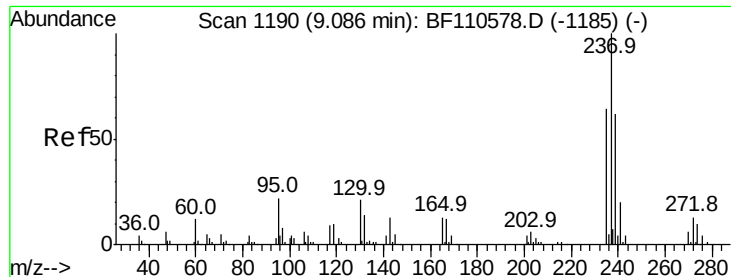
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





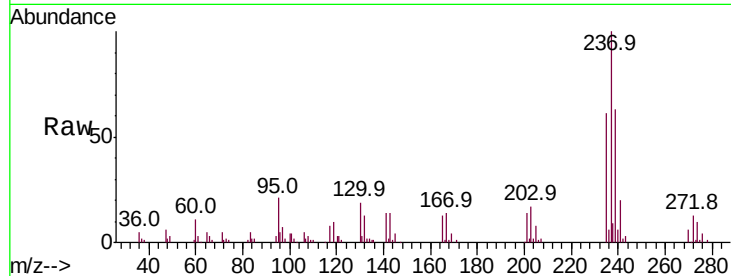
#41
Hexachlorocyclopentadiene
Concen: 37.939 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

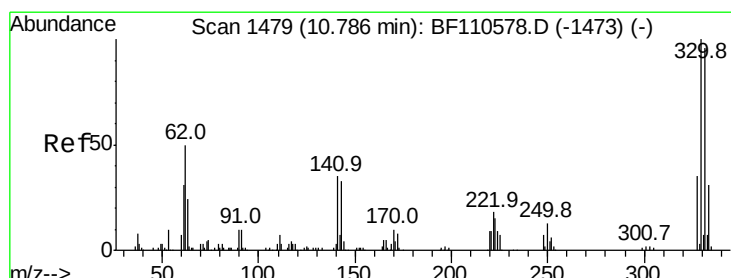
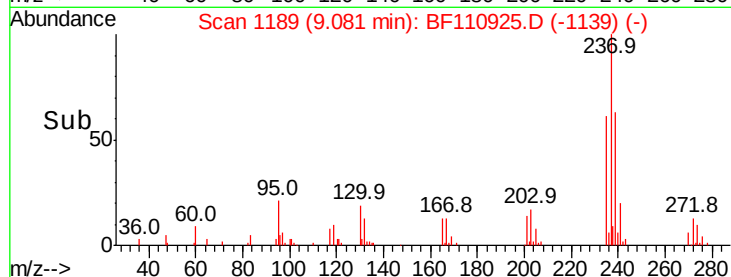
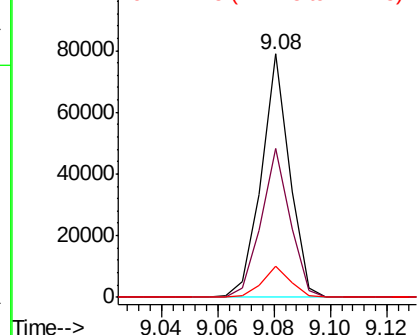
Tot Ion:	237	Resp:	54752
Ion Ratio	Lower	Upper	
237	100		
235	61.0	43.1	83.1
272	12.6	0.0	32.6

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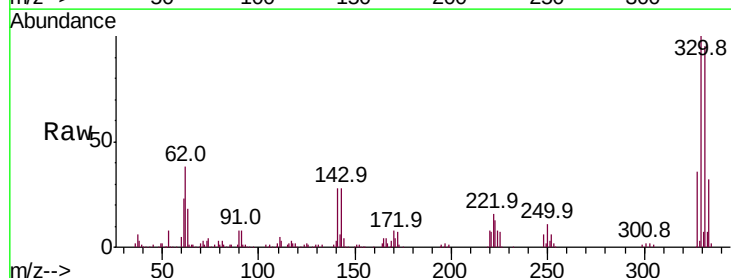


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

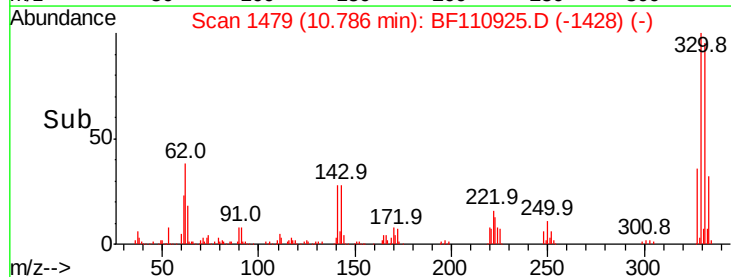
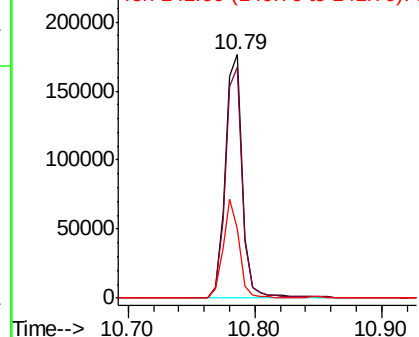


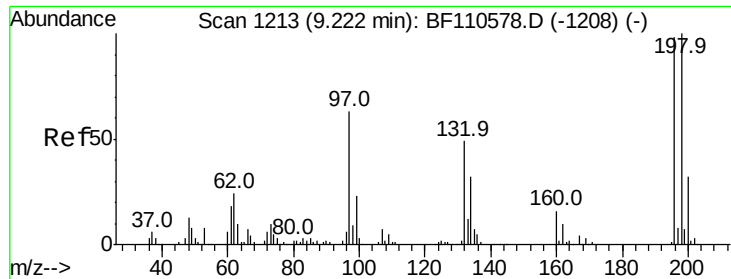
#42
2,4,6-Tribromophenol
Concen: 125.485 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:	330	Resp:	167434
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.1	115.7
141	38.0	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





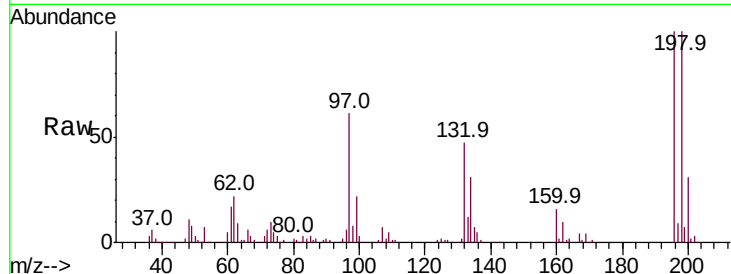
#43
2,4,6-Trichlorophenol
Concen: 44.182 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116376		
198	99.5	76.2	114.4	
200	30.6	24.4	36.6	

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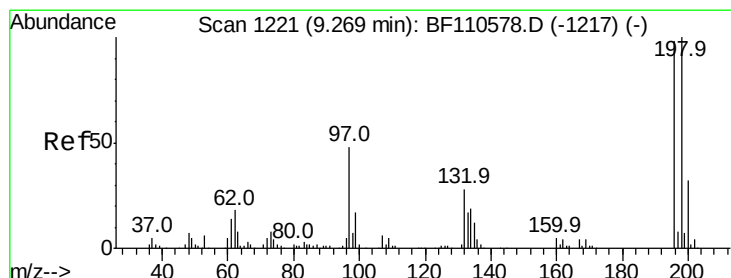
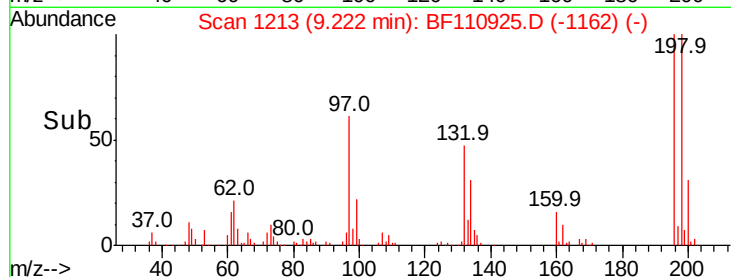
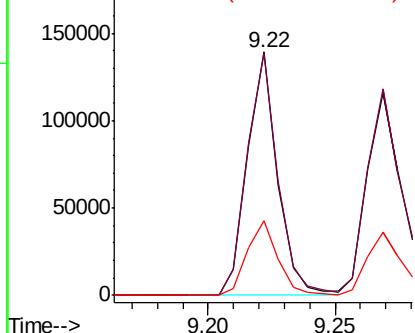


Abundance

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: 44.087 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123870		
198	101.9	75.8	113.6	
97	54.1	42.4	63.6	
132	29.9	22.8	34.2	

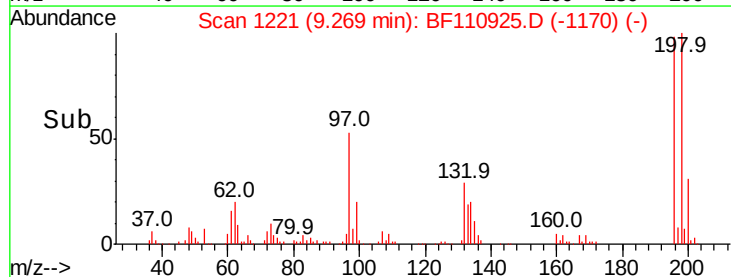
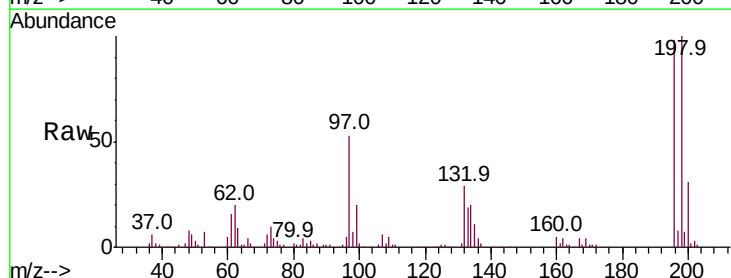
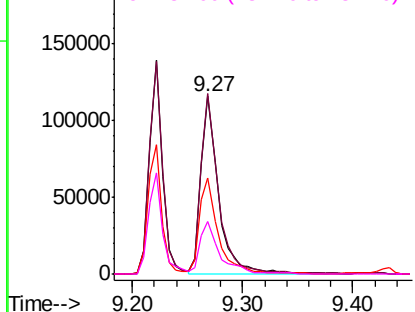
Abundance

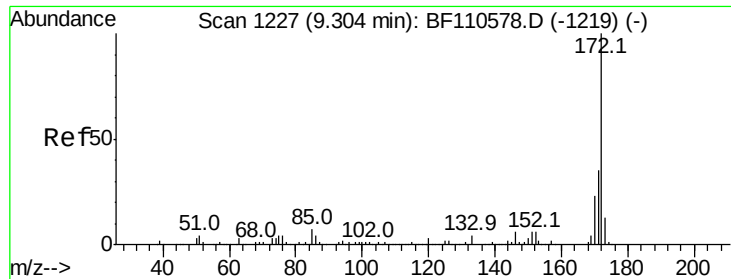
Ion 196.00 (195.70 to 196.70): E

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: 70.972 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

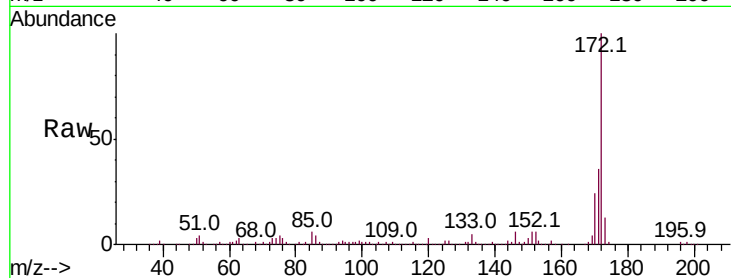
ClientSampleId :

TS-BUCKETSMS

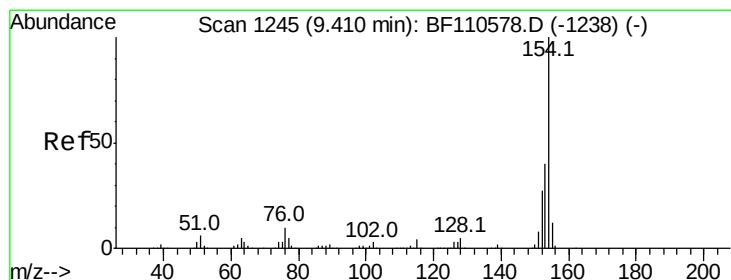
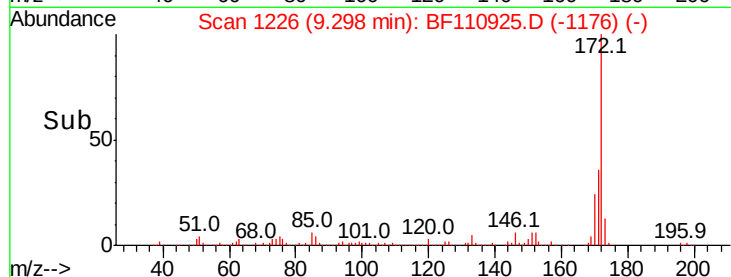
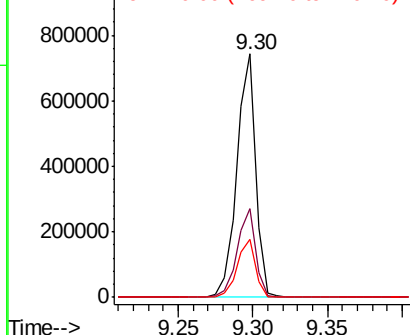
Tot Ion:	172	Resp:	658043
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	43.0
170	23.8	19.7	29.5

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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: 40.235 ng

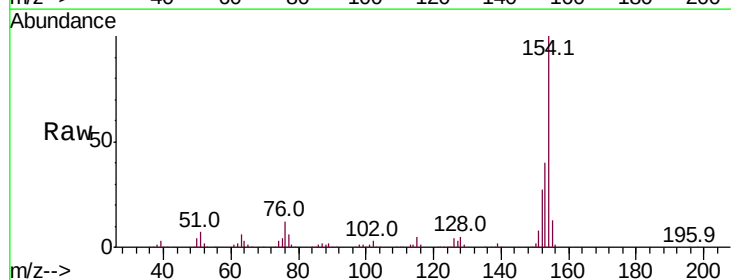
RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

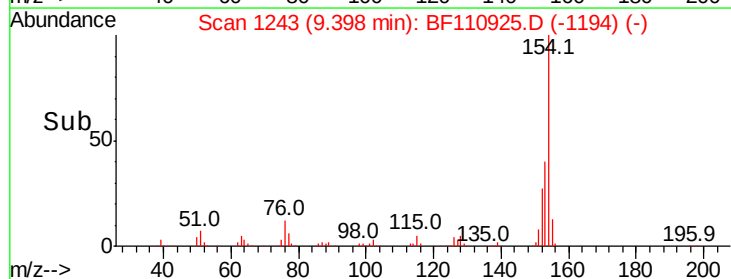
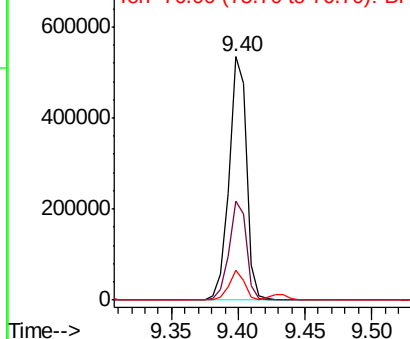
Lab File: BF110925.D

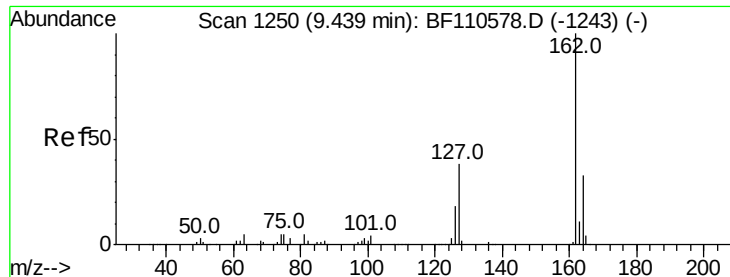
Acq: 21 Nov 2018 13:47

Tgt Ion:	154	Resp:	497021
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.4	60.4
76	12.2	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: 42.892 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

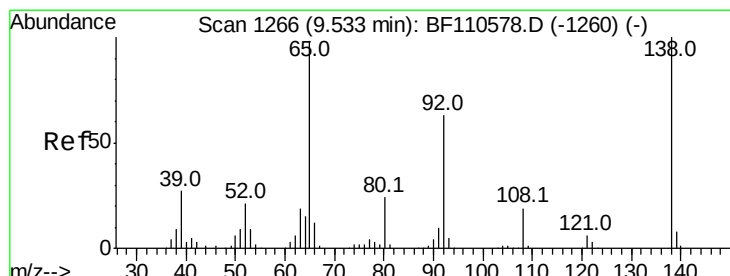
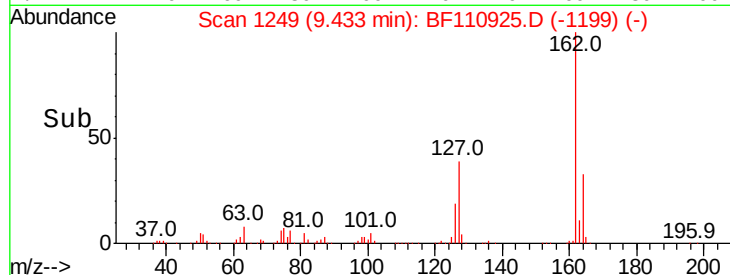
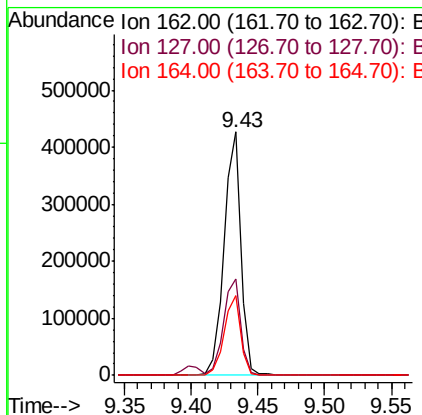
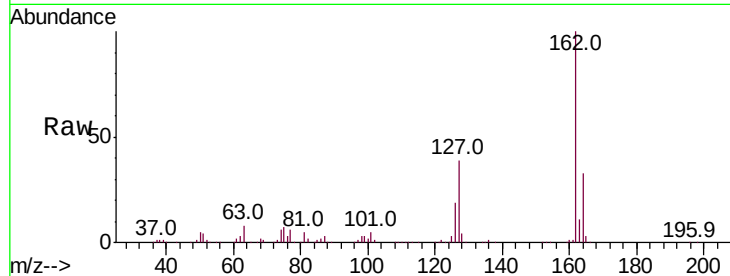
ClientSampleId :

TS-BUCKETSMS

Tot Ion:	162	Resp:	381716
Ion Ratio	Lower	Upper	
162	100		
127	39.4	32.6	48.8
164	32.8	25.9	38.9

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#48

2-Nitroaniline

Concen: 46.133 ng

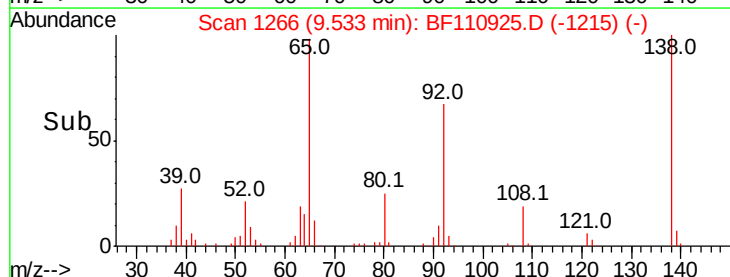
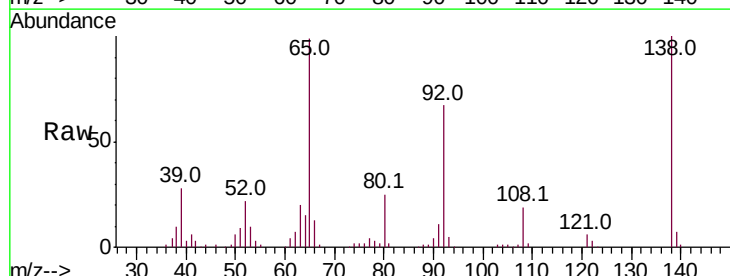
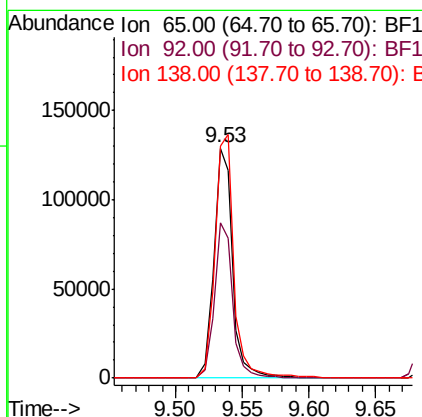
RT: 9.53 min Scan# 1266

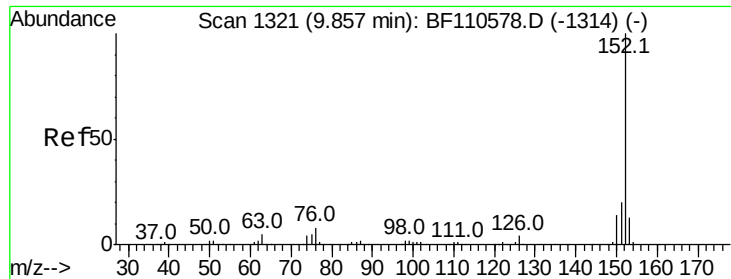
Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:	65	Resp:	126518
Ion Ratio	Lower	Upper	
65	100		
92	67.7	54.6	81.8
138	101.2	80.3	120.5





#49

Acenaphthylene

Concen: 45.900 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

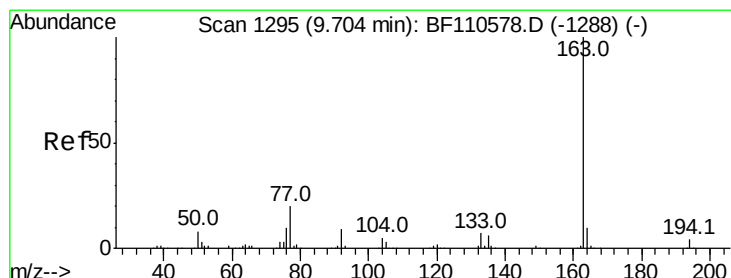
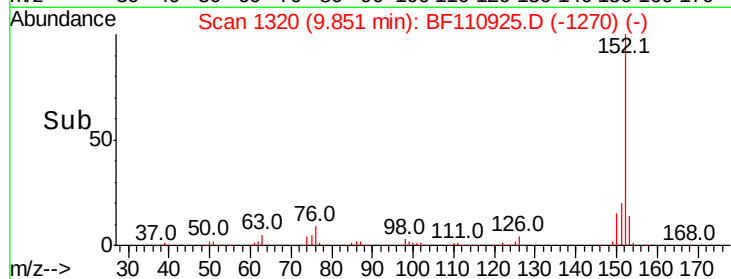
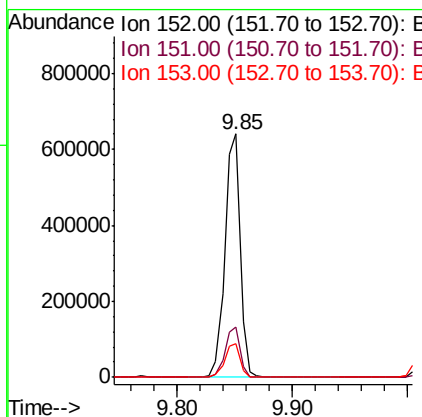
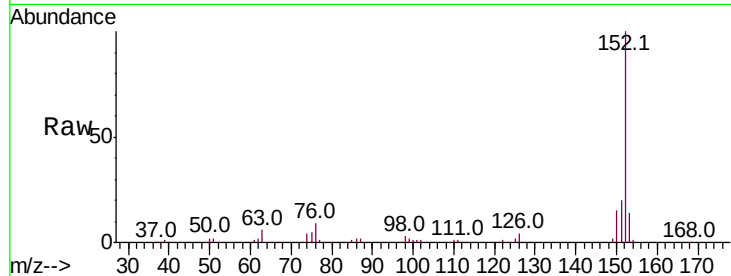
ClientSampleId :

TS-BUCKETSMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		588274		
151	20.4	15.8	23.8		
153	13.6	10.4	15.6		

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#50

Dimethylphthalate

Concen: 51.382 ng

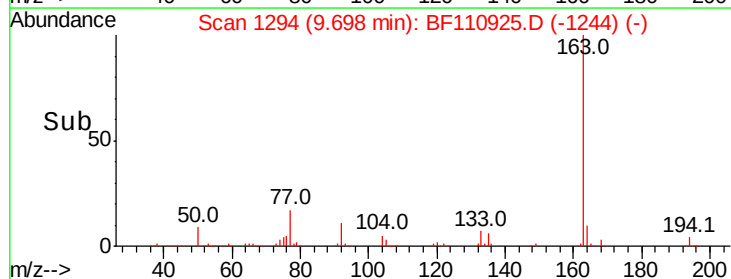
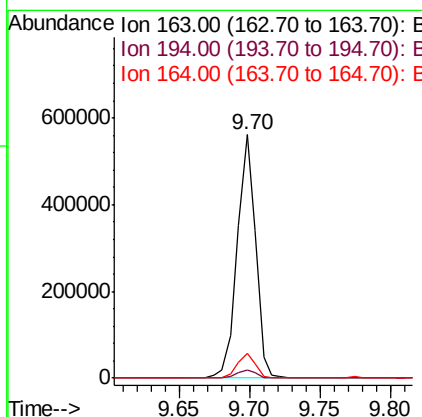
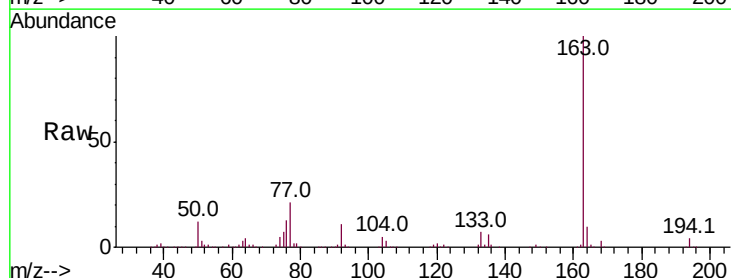
RT: 9.70 min Scan# 1294

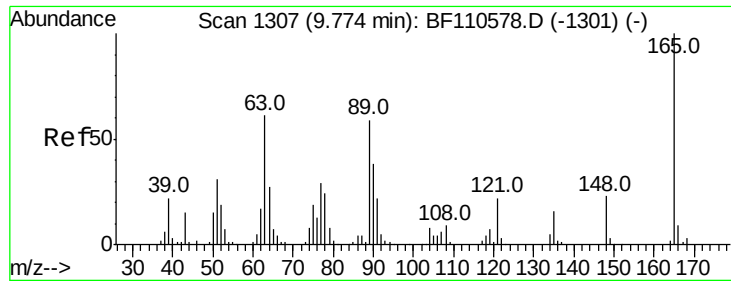
Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		507699		
194	3.5	3.2	4.8		
164	10.2	8.1	12.1		





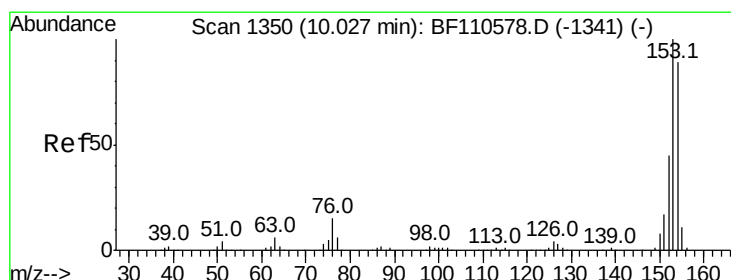
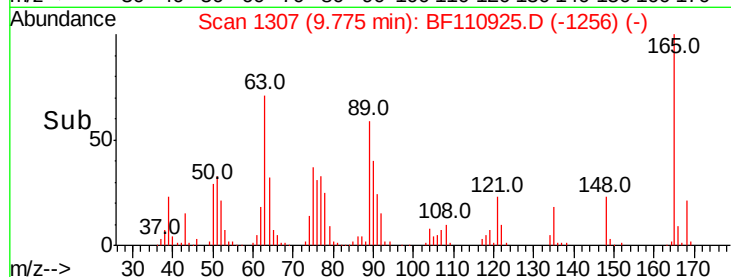
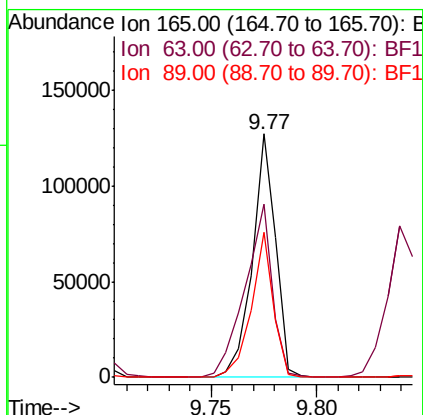
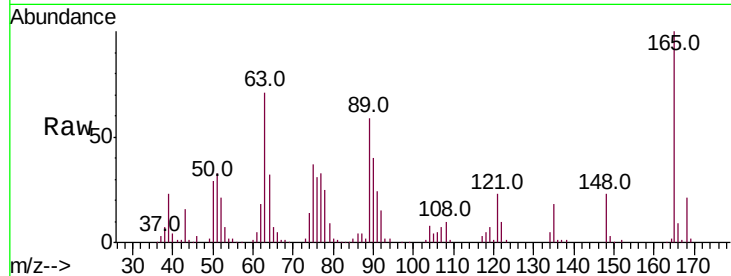
#51
2,6-Dinitrotoluene
Concen: 44.946 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	70.9	48.9	73.3
89	59.4	46.6	69.8

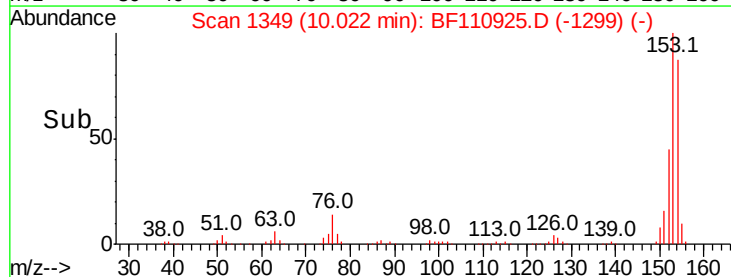
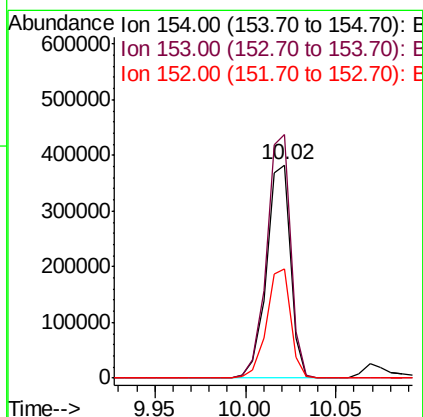
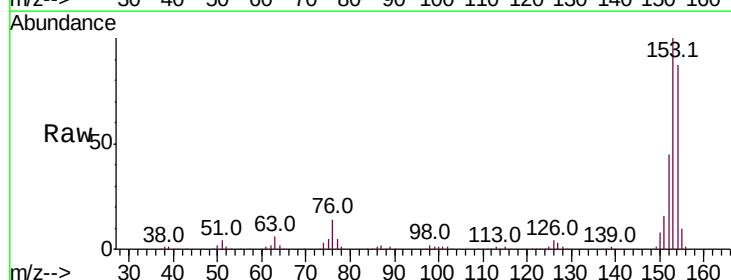
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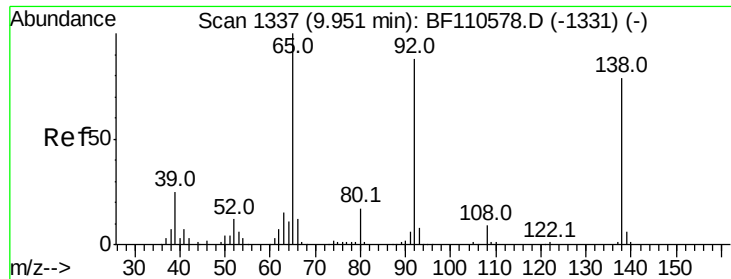
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#52
Acenaphthene
Concen: 43.812 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	51.0	43.4	65.2





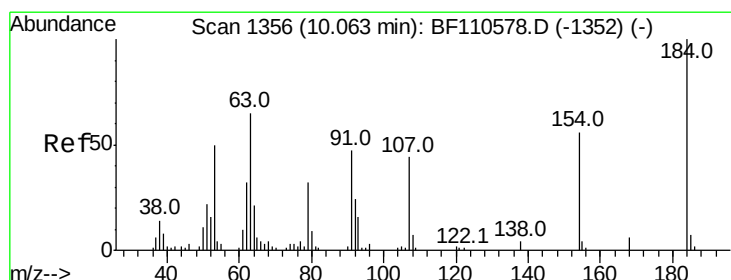
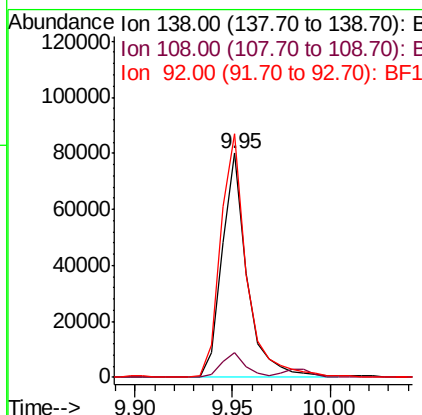
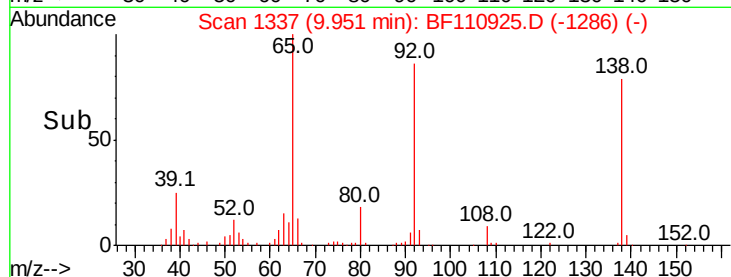
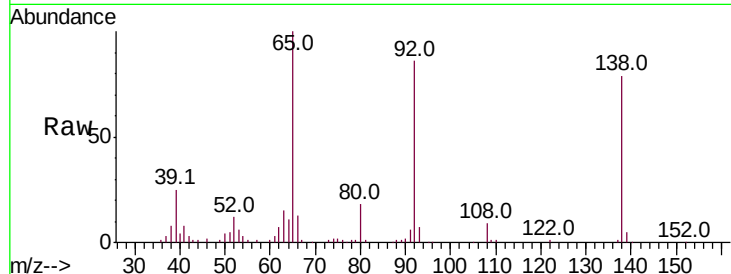
#53
 3-Nitroaniline
 Concen: 28.240 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion:138	Resp:	71115
Ion Ratio	Lower	Upper
138 100		
108 11.0	8.7	13.1
92 108.6	97.0	145.4

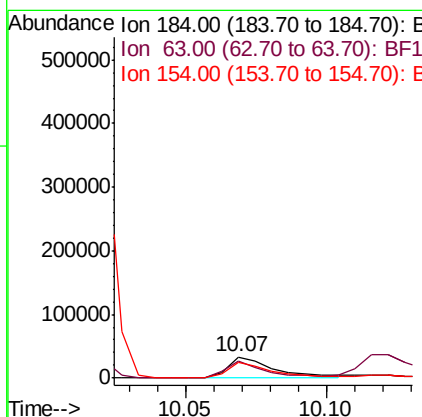
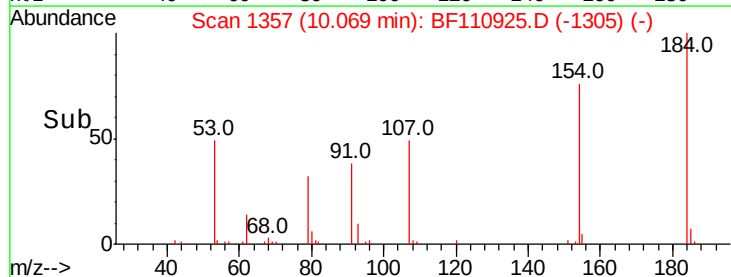
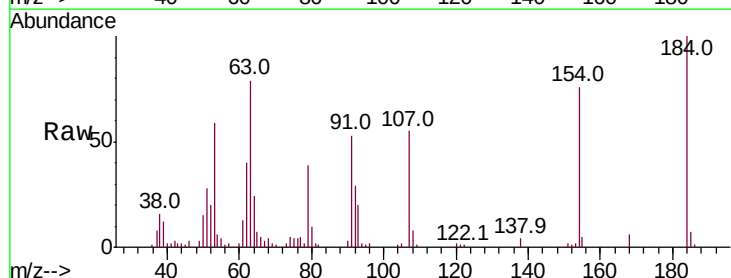
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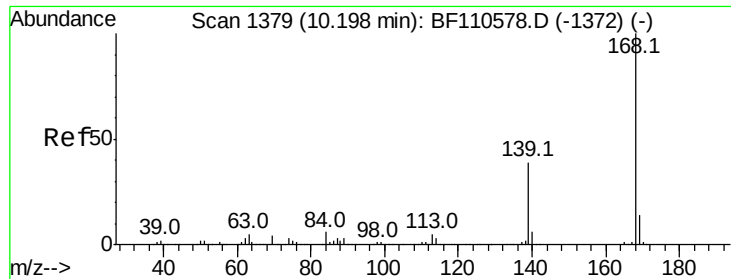
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#54
 2,4-Dinitrophenol
 Concen: 44.962 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:184	Resp:	37037
Ion Ratio	Lower	Upper
184 100		
63 79.4	55.8	83.6
154 75.7	63.2	94.8





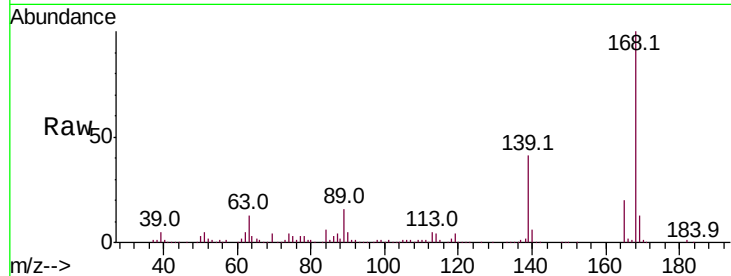
#55
Dibenzofuran
Concen: 42.593 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.0	49.6
169	13.3	11.3	16.9

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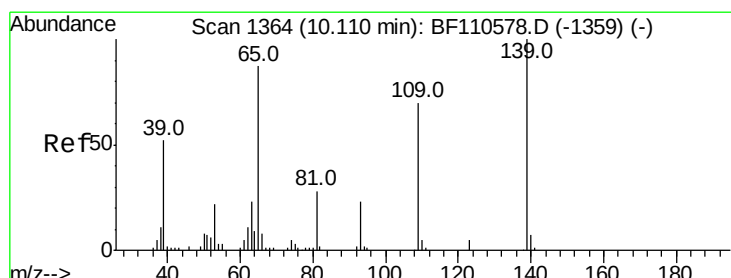
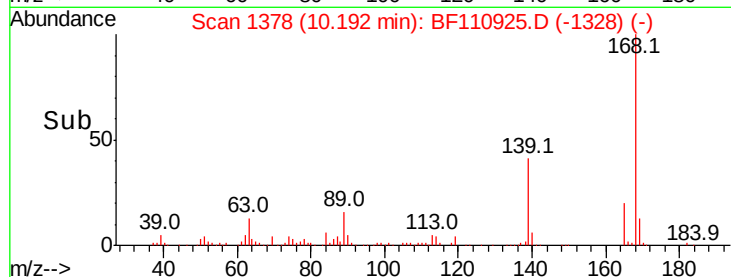
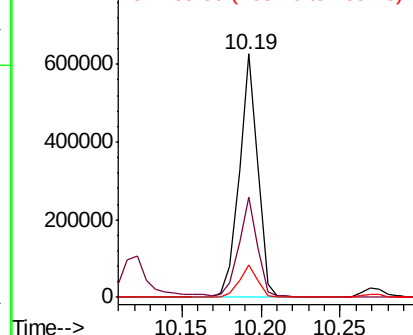


Abundance

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: 75.836 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

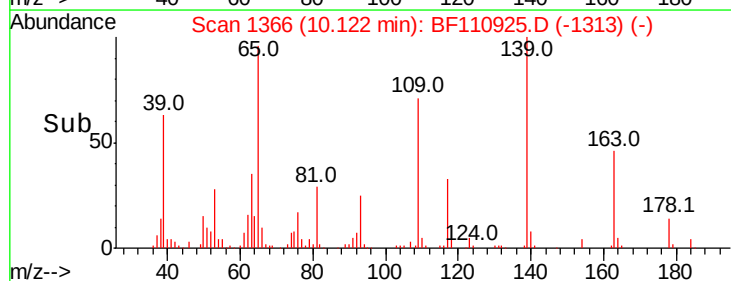
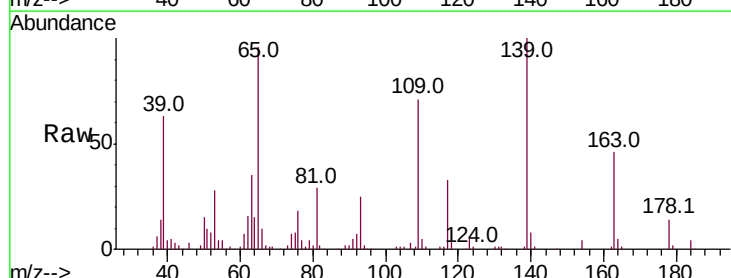
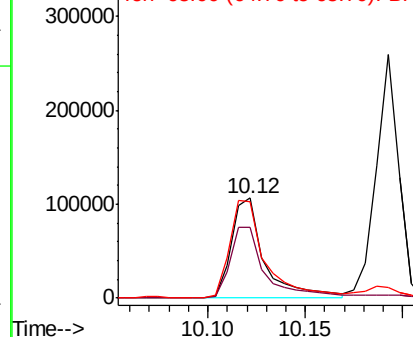
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.3	55.8	95.8
65	96.3	77.9	117.9

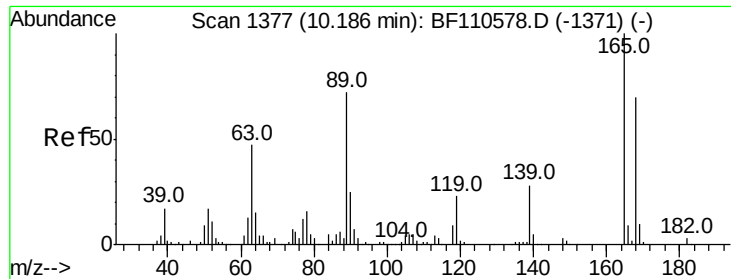
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





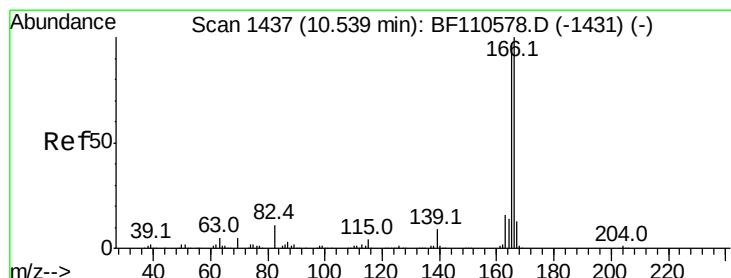
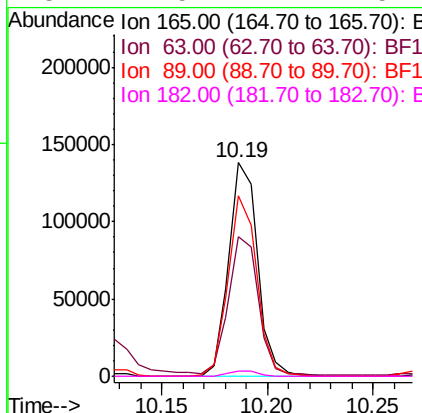
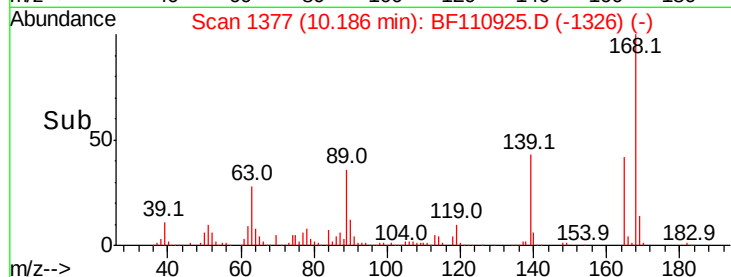
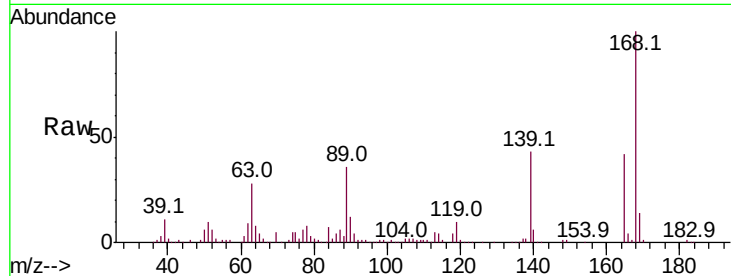
#57
2,4-Dinitrotoluene
Concen: 46.157 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		130445		
63	65.5	44.8	67.2		
89	84.5	62.2	93.4		
182	2.5	2.1	3.1		

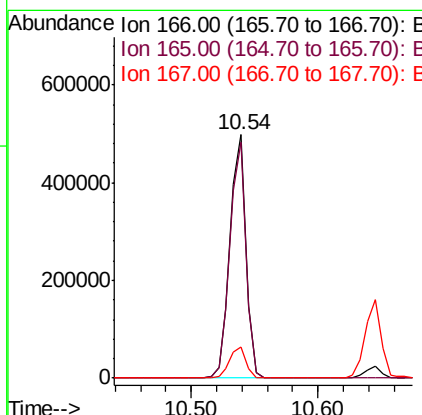
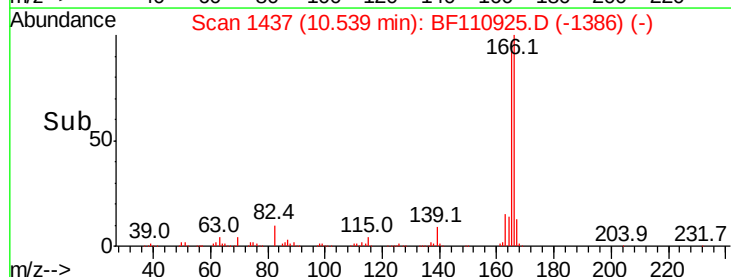
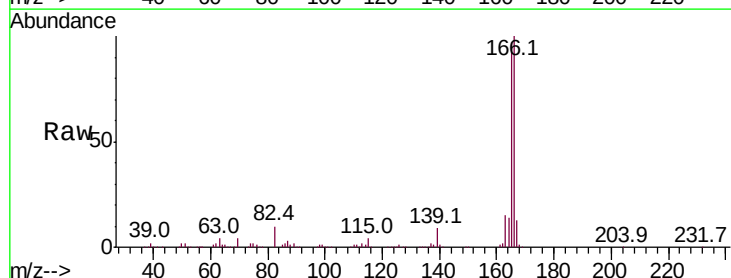
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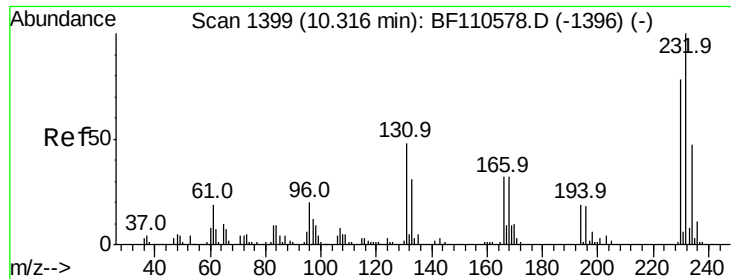
mohammad
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#58
Fluorene
Concen: 47.469 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		432066		
165	97.1	78.6	117.8		
167	12.9	10.8	16.2		





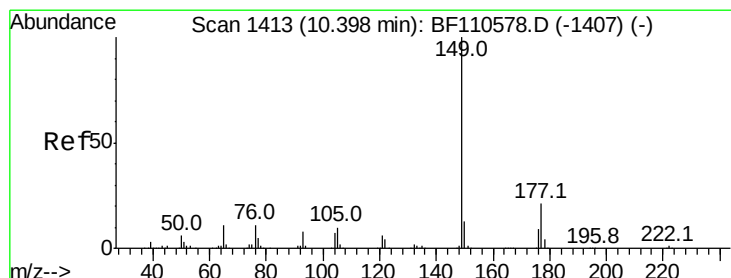
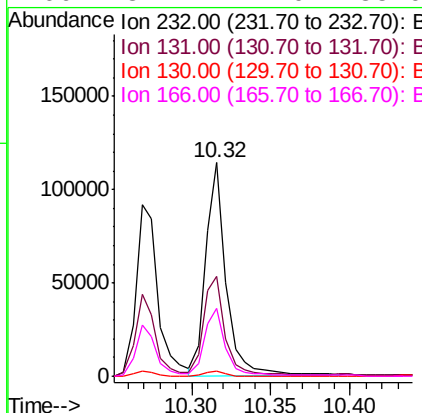
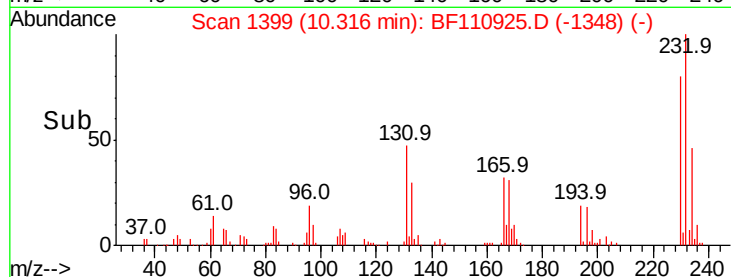
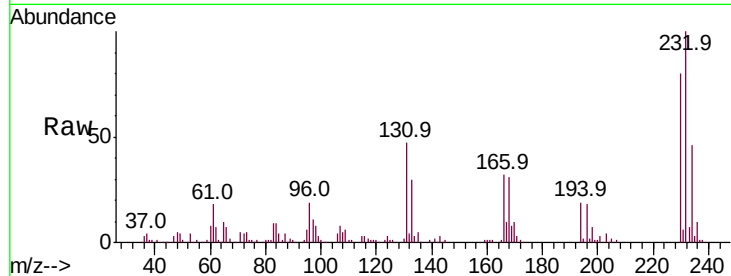
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.599 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	102999		
131	49.1		37.0	55.4
130	2.4		1.8	2.6
166	32.7		22.0	33.0

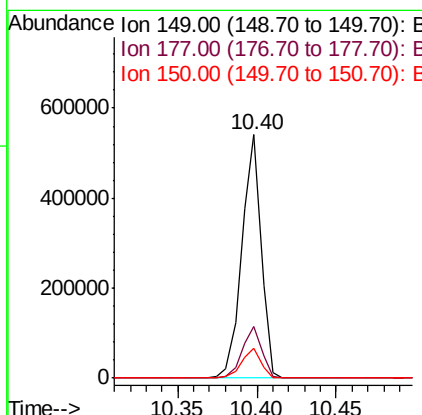
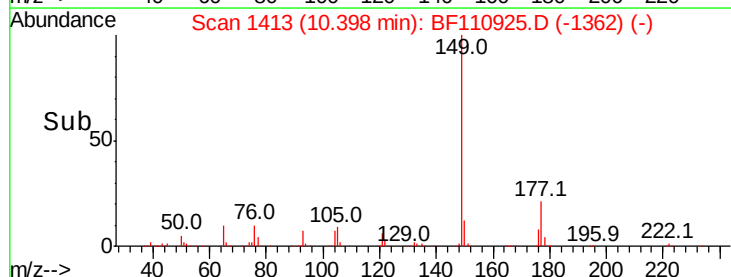
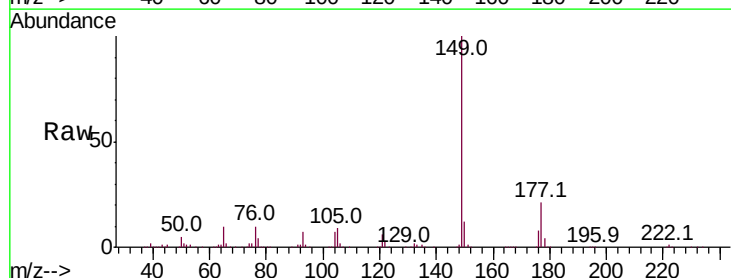
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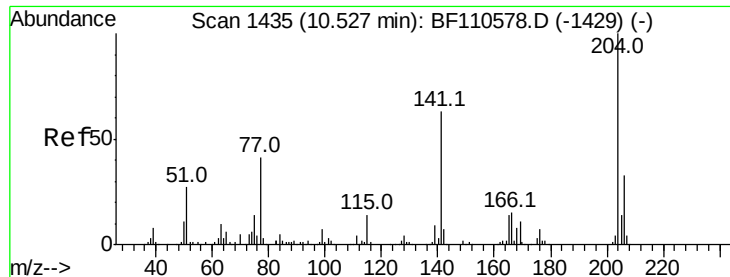
mohammad
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#60
 Diethylphthalate
 Concen: 46.648 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	455995		
177	21.2		17.4	26.2
150	12.2		9.8	14.8





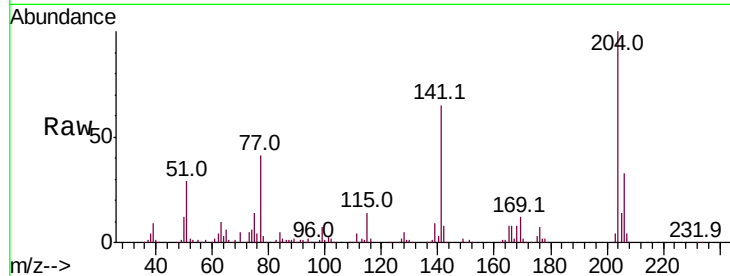
#61
4-Chlorophenyl-phenylether
Concen: 42.155 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

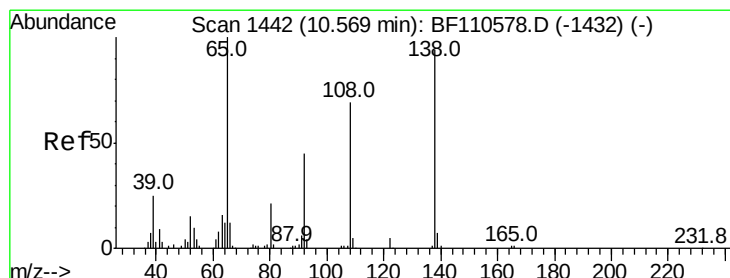
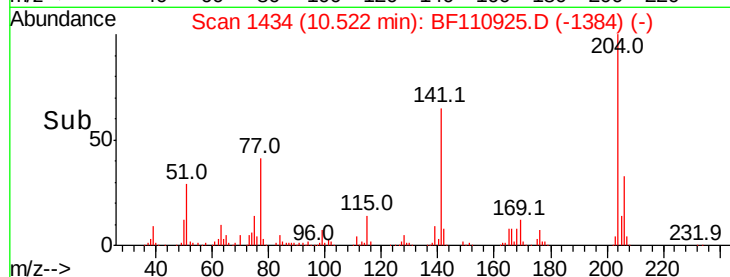
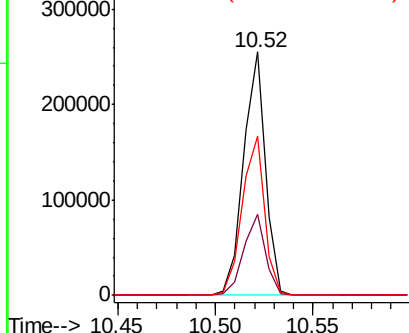
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	65.1	51.8	77.8

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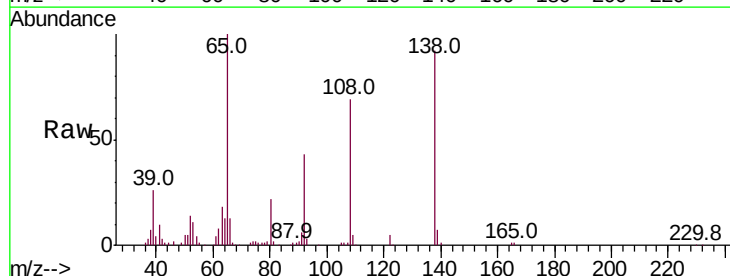


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

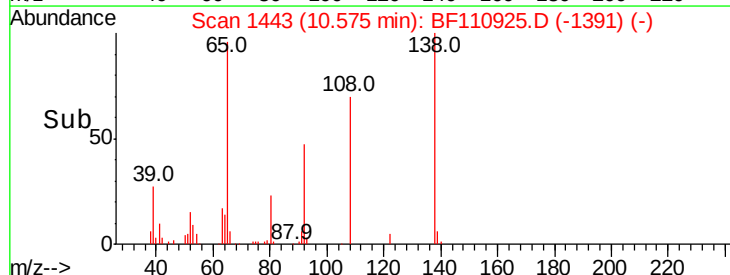
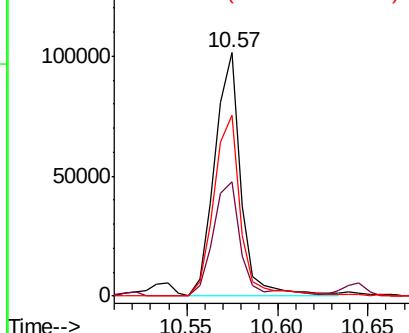


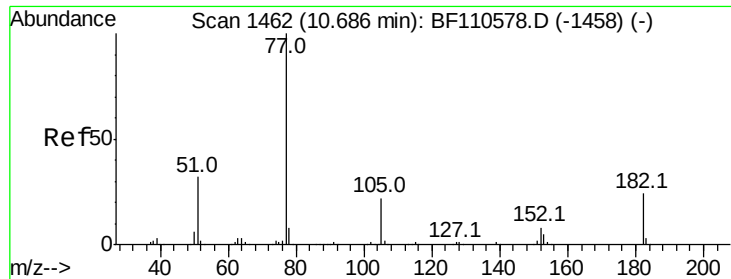
#62
4-Nitroaniline
Concen: 39.853 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.7	71.7
108	74.5	59.3	99.3



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





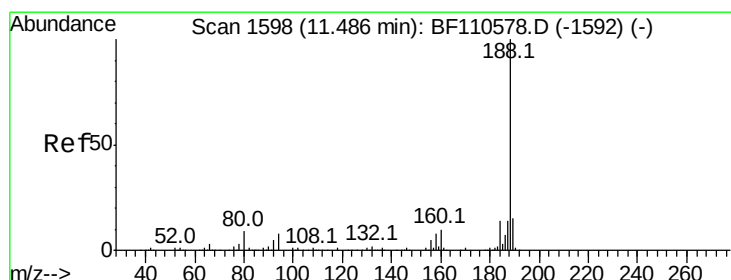
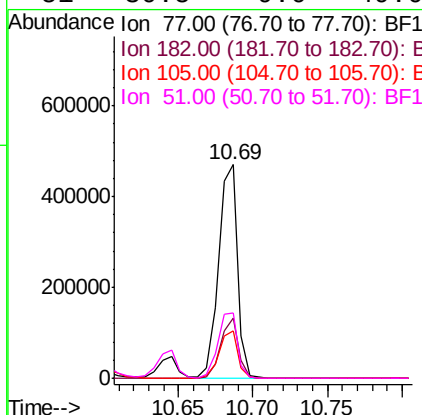
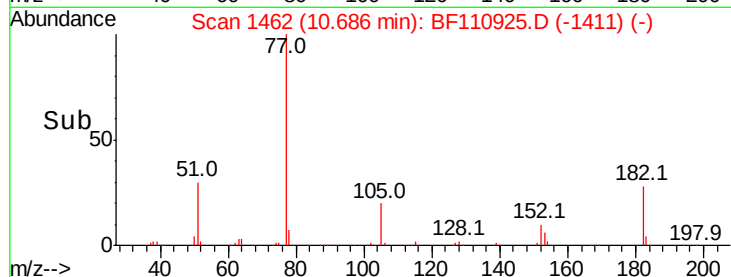
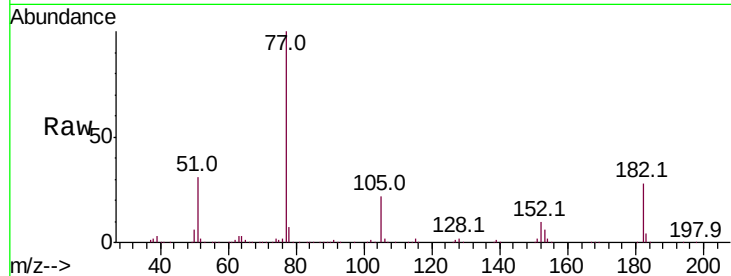
#63
Azobenzene
Concen: 43.970 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	4.3	44.3
105	22.3	1.3	41.3
51	30.5	9.0	49.0

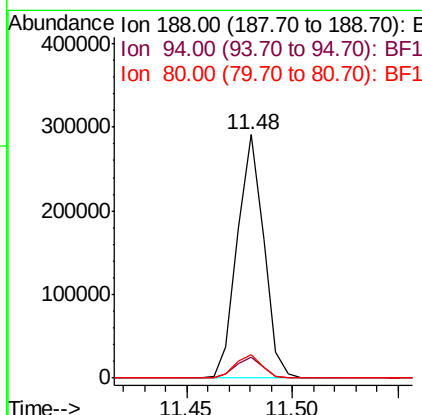
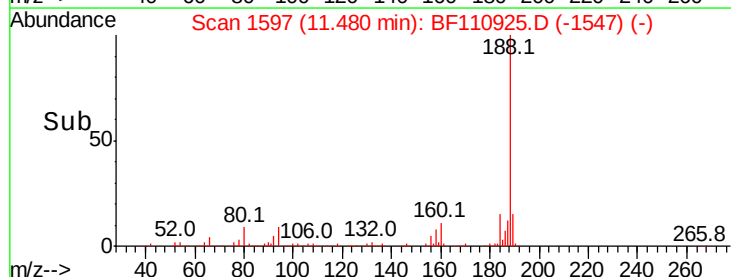
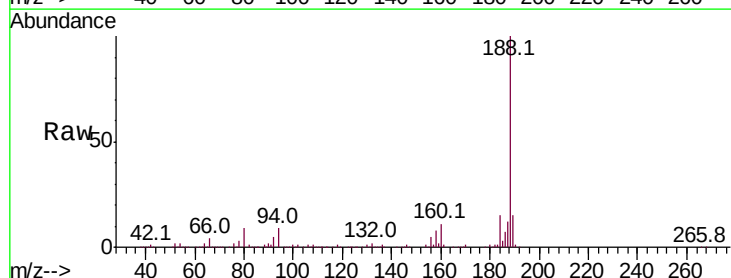
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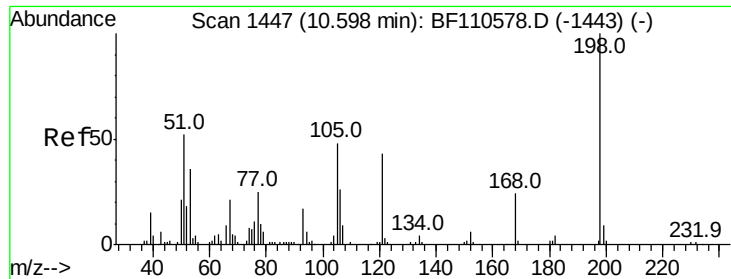
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.5	7.9	11.9





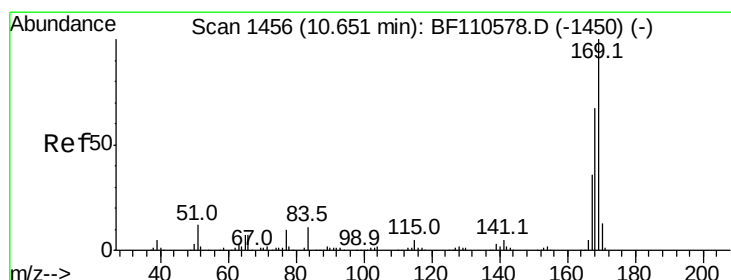
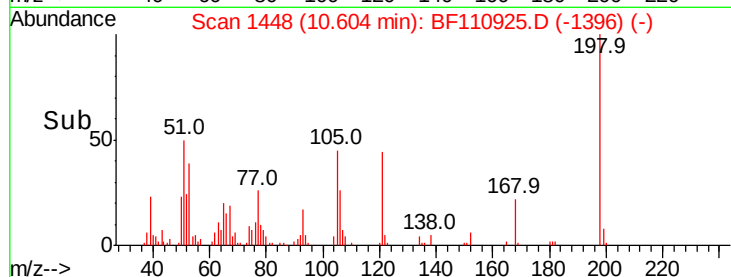
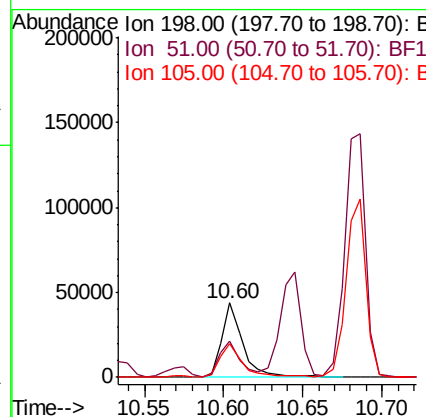
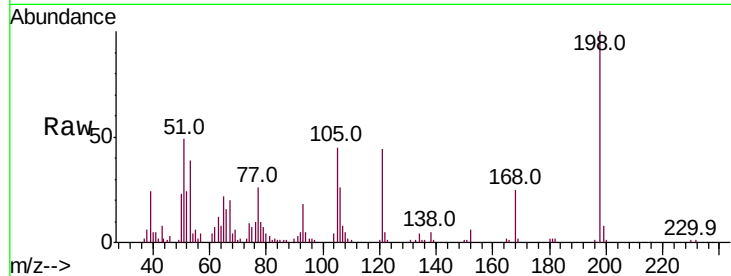
#65
4,6-Dinitro-2-methylphenol
Concen: 31.923 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.5	22.8	62.8
105	44.9	23.6	63.6

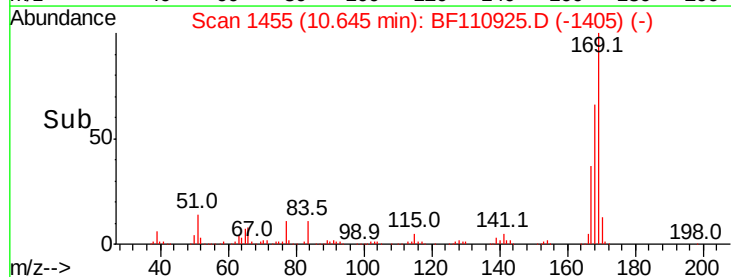
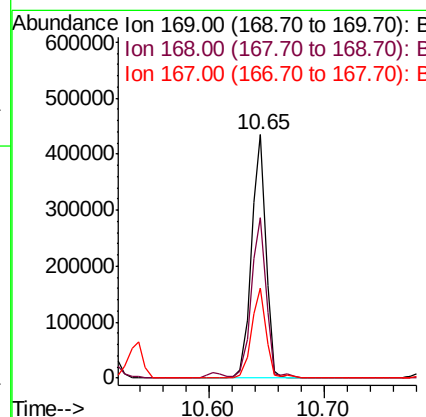
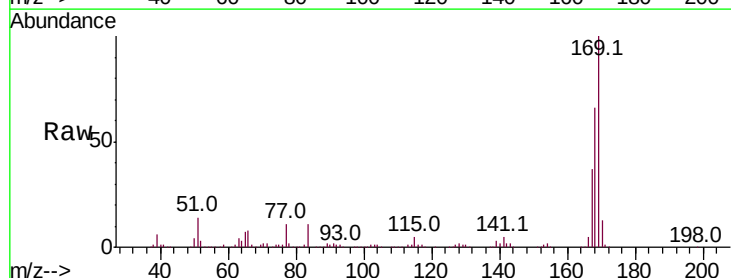
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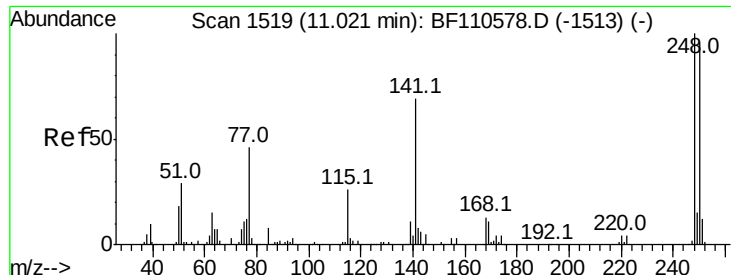
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#66
n-Nitrosodiphenylamine
Concen: 43.868 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.2	76.8
167	36.8	27.8	41.6





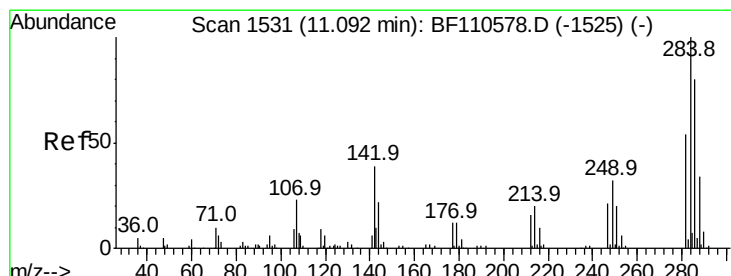
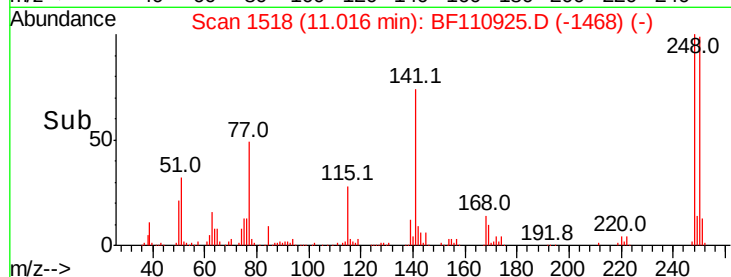
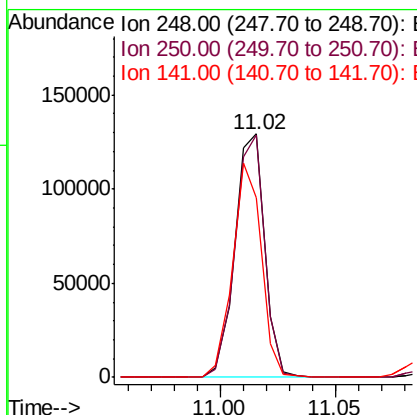
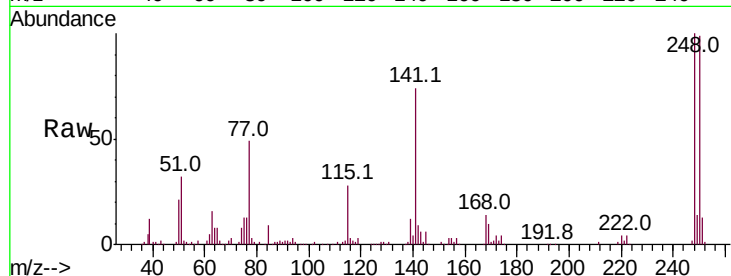
#67
 4-Bromophenyl-phenylether
 Concen: 41.760 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion:	248	Resp:	116550
Ion Ratio	Lower	Upper	
248	100		
250	99.3	79.4	119.2
141	73.9	55.9	83.9

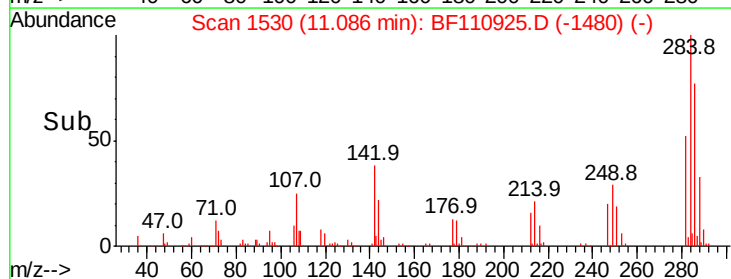
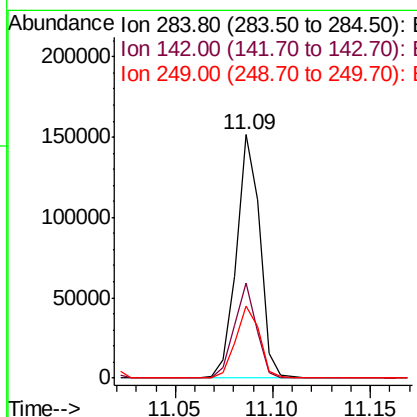
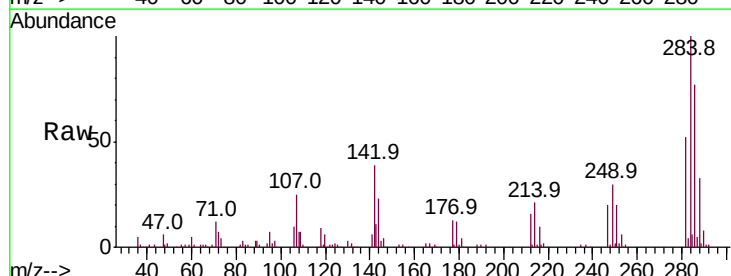
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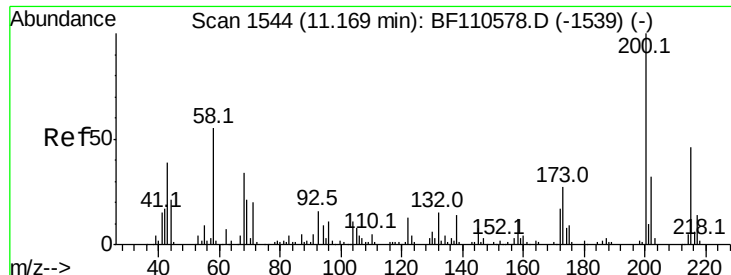
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#68
 Hexachlorobenzene
 Concen: 42.874 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:	284	Resp:	126160
Ion Ratio	Lower	Upper	
284	100		
142	39.2	23.9	35.9#
249	29.7	24.2	36.2





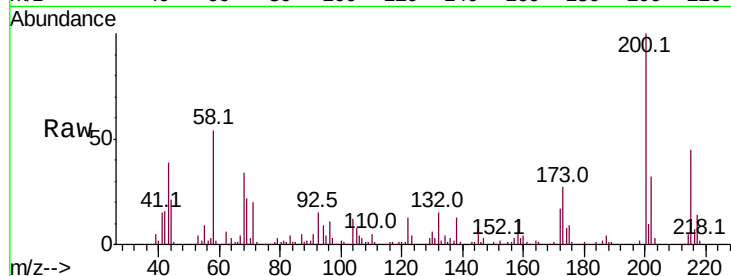
#69
Atrazine
Concen: 47.076 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	122521		
173	26.8	6.6	46.6	
215	44.9	26.3	66.3	

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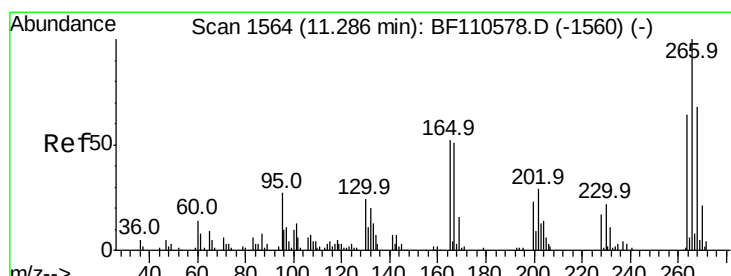
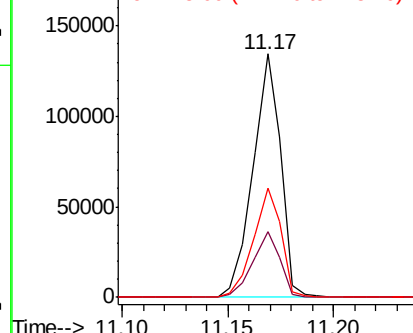
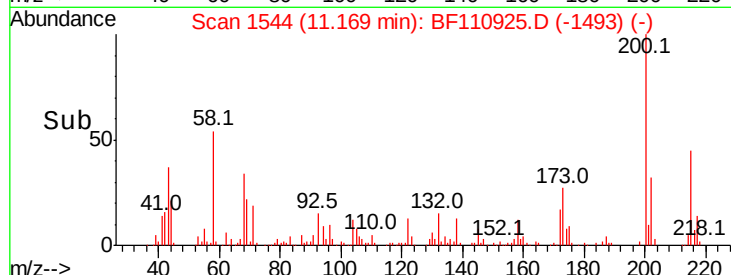


Abundance

Ion 200.00 (199.70 to 200.70): E

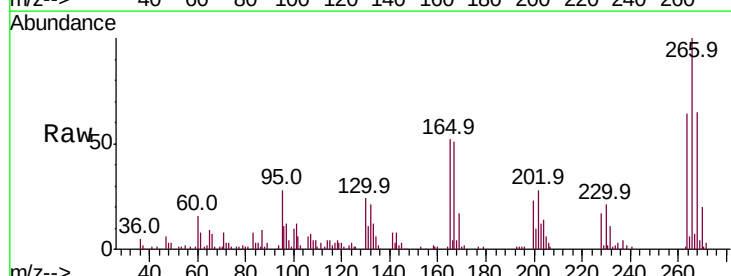
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 61.889 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	97173		
268	65.4	50.6	75.8	
264	64.3	50.6	75.8	

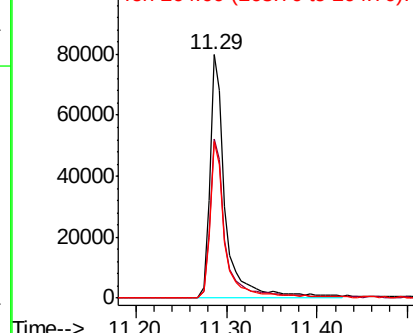
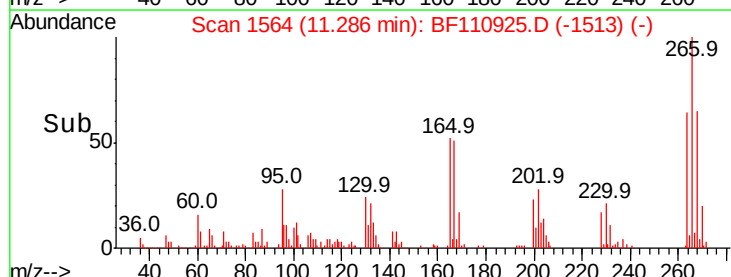


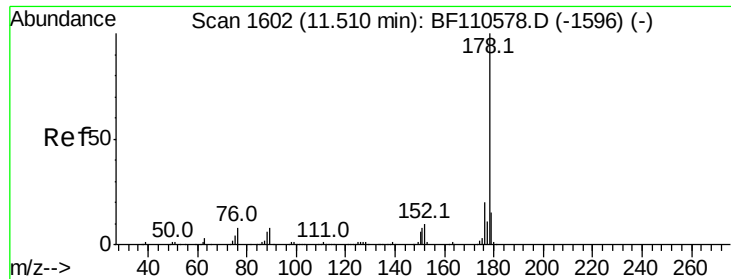
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





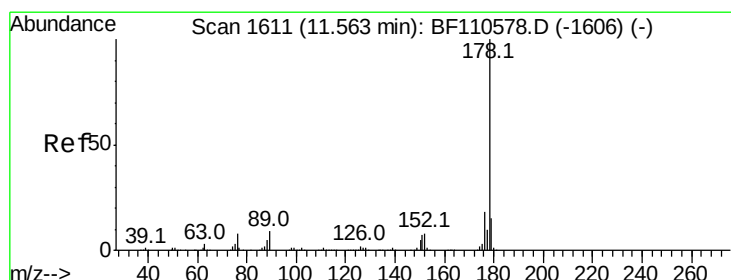
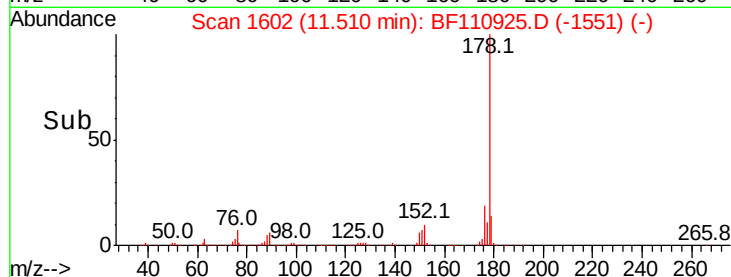
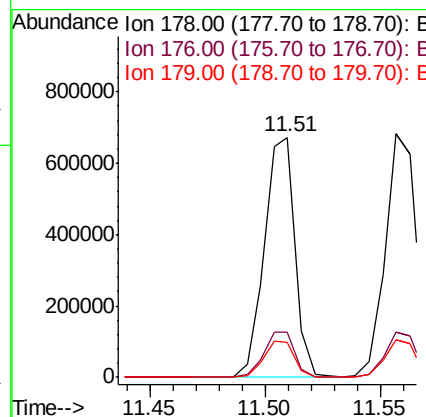
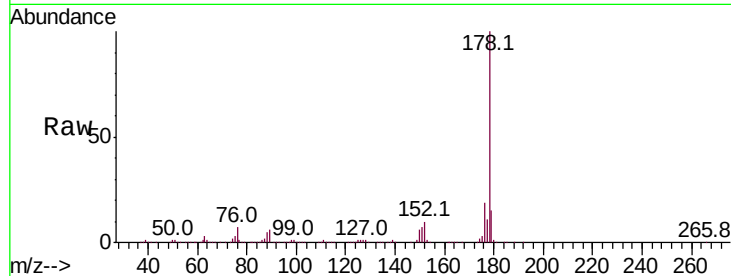
#71
Phenanthrene
Concen: 45.870 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	14.5	12.5	18.7

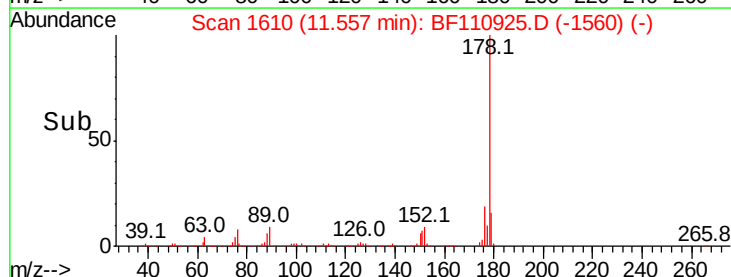
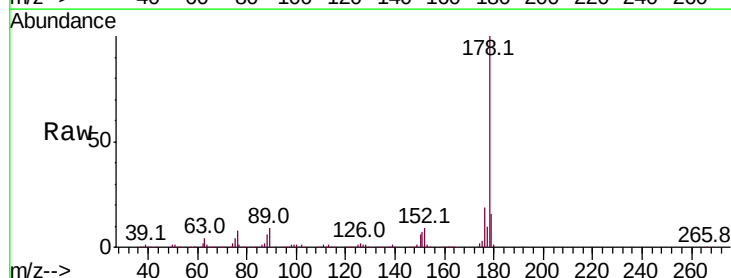
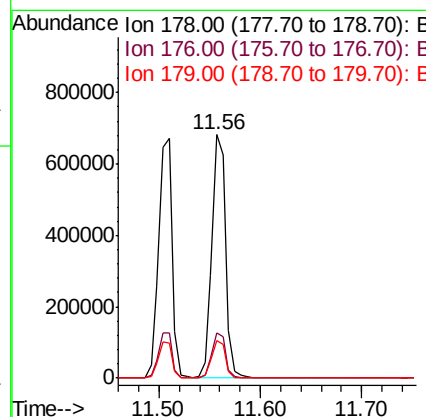
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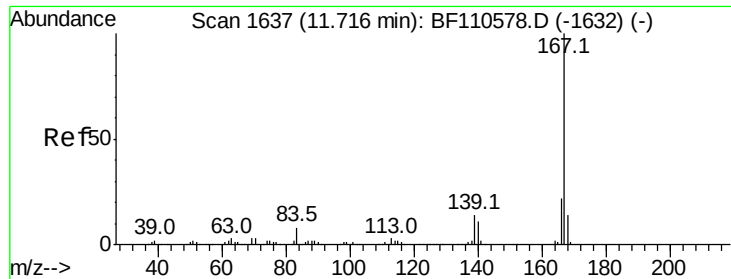
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#72
Anthracene
Concen: 47.075 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	18.8





#73

Carbazole

Concen: 43.213 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

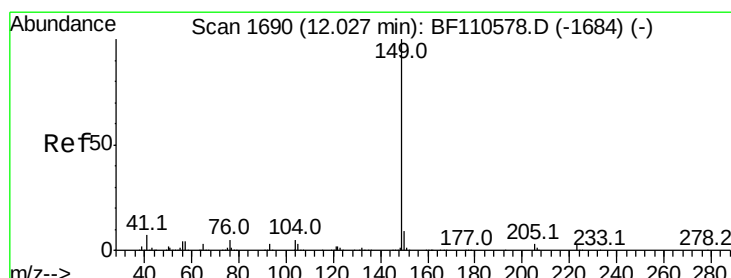
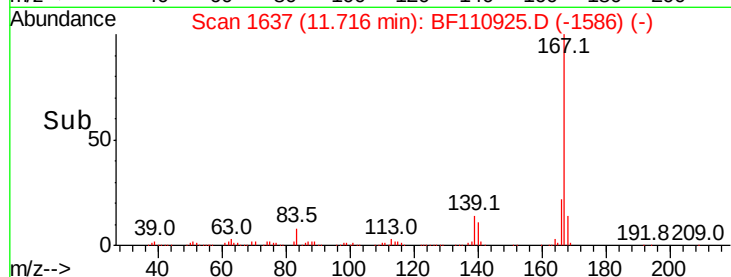
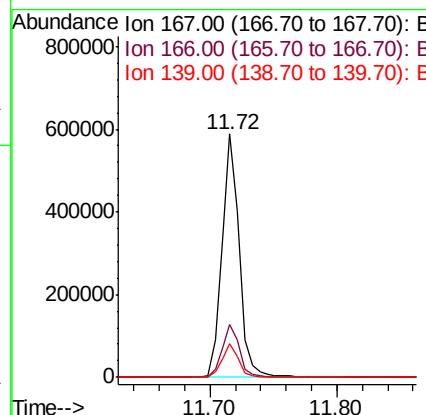
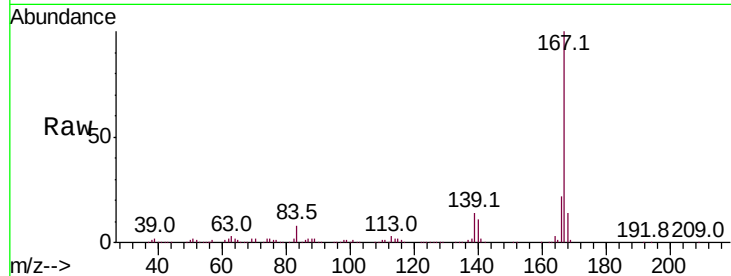
ClientSampleId :

TS-BUCKETSMS

Tot Ion:	167	Resp:	566394
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.4	26.0
139	13.7	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 45.745 ng

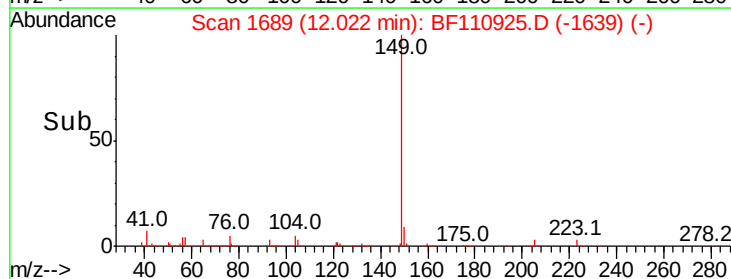
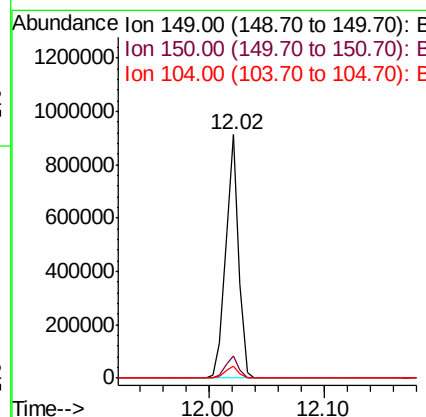
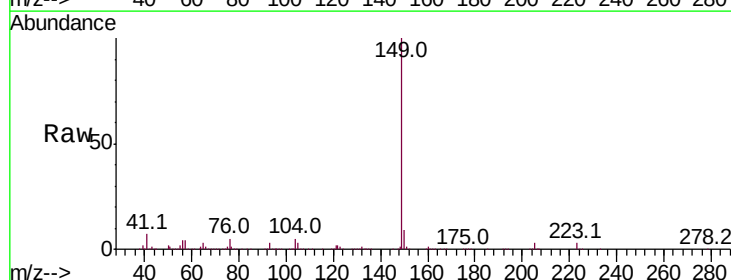
RT: 12.02 min Scan# 1689

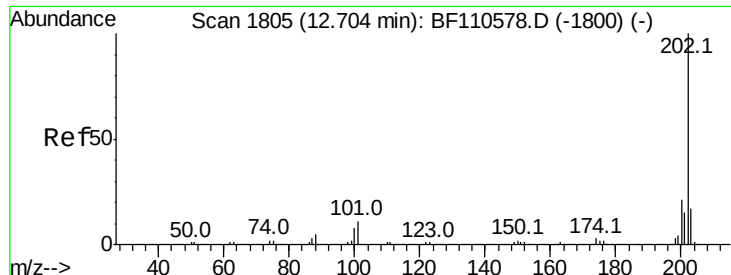
Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:	149	Resp:	703104
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 46.962 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

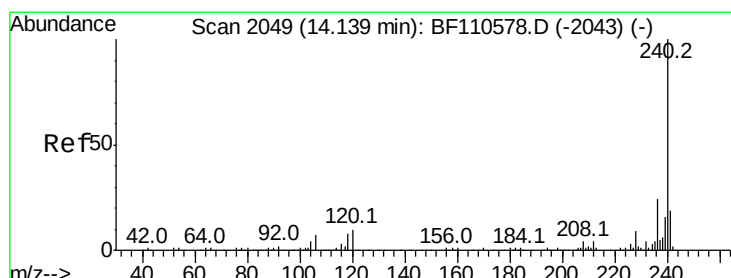
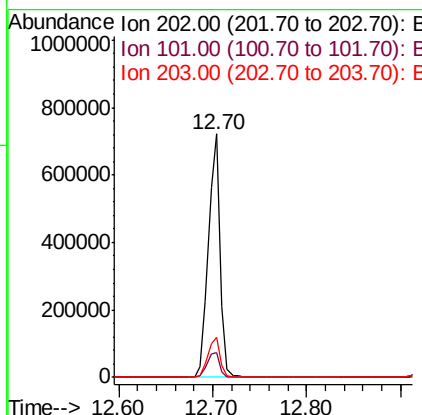
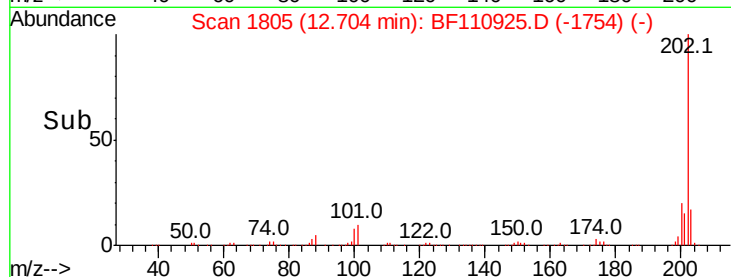
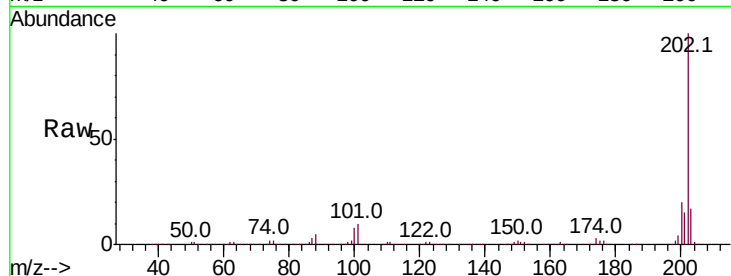
ClientSampleId :

TS-BUCKETSMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	636998		
101	10.1		0.0	31.4
203	16.7		0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

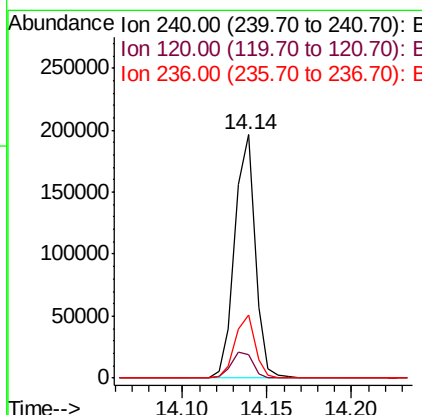
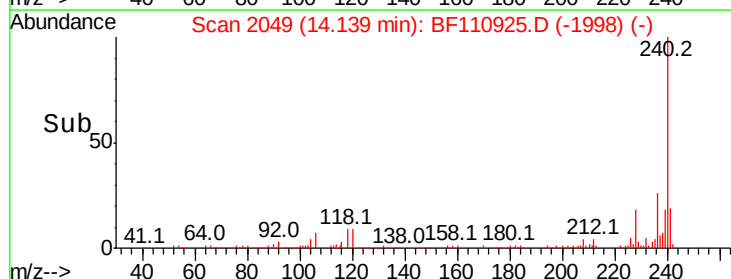
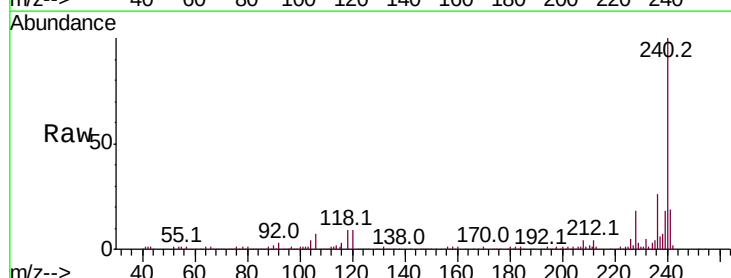
RT: 14.14 min Scan# 2049

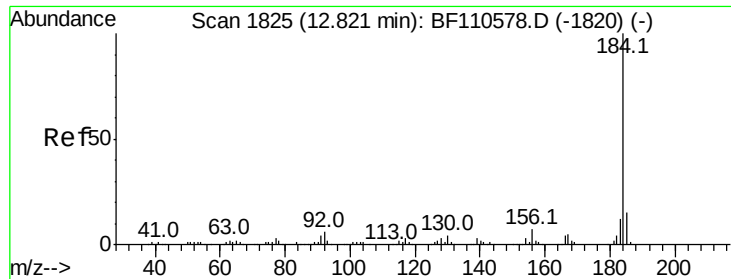
Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164724		
120	9.4		8.3	12.5
236	25.9		21.2	31.8





#77

Benzidine

Concen: 36.054 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

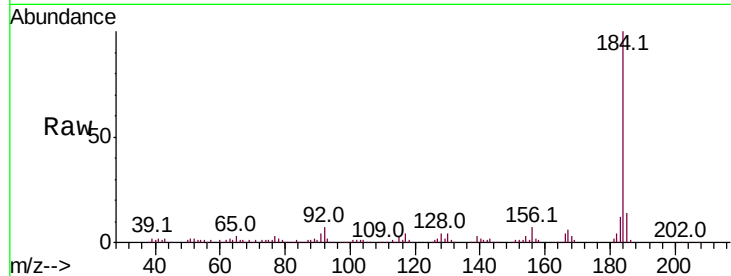
ClientSampleId :

TS-BUCKETSMS

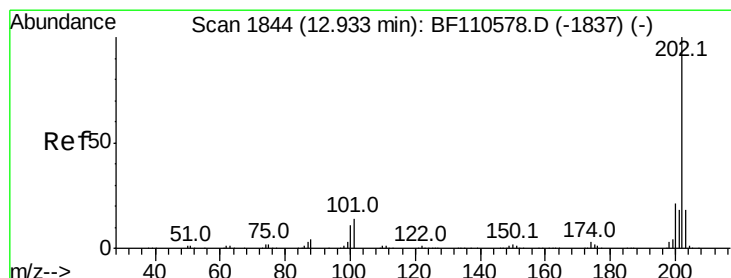
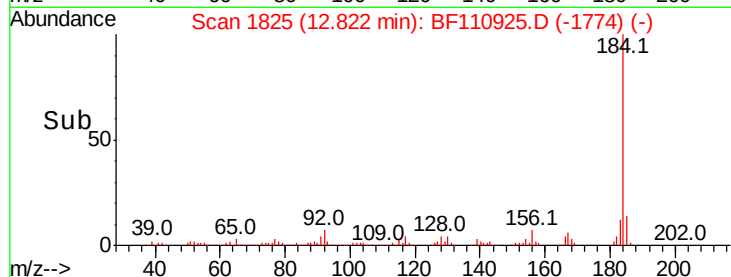
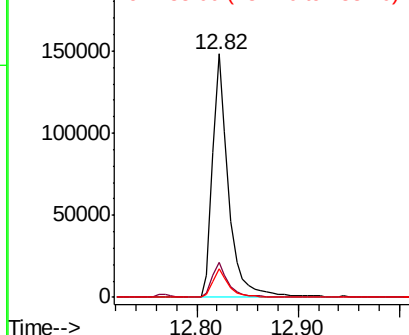
Tot Ion:	184	Resp:	163324
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.2
183	11.7	9.4	14.2

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



#78

Pyrene

Concen: 49.355 ng

RT: 12.93 min Scan# 1844

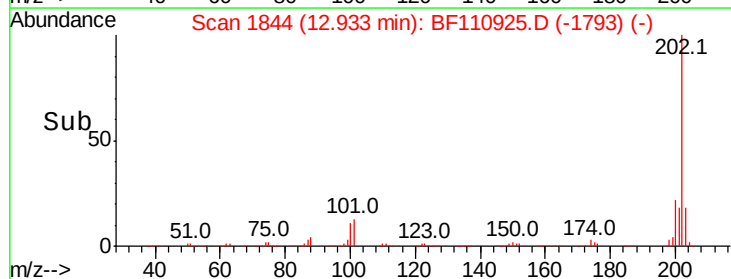
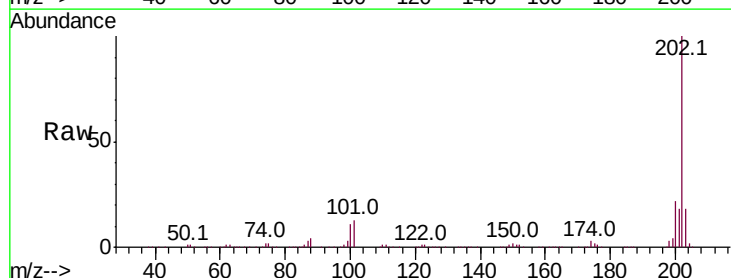
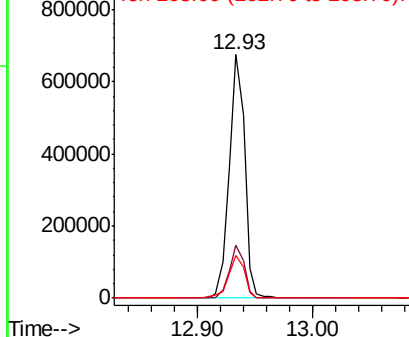
Delta R.T. 0.00 min

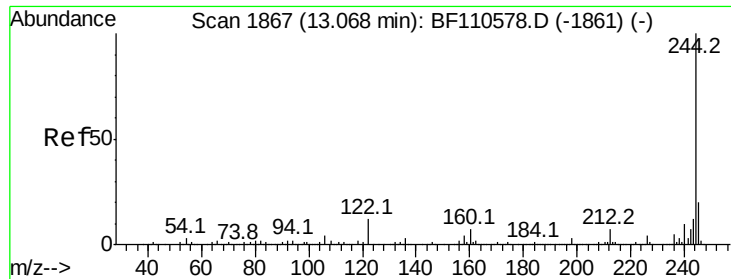
Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:	202	Resp:	625989
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	17.8	14.2	21.4

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





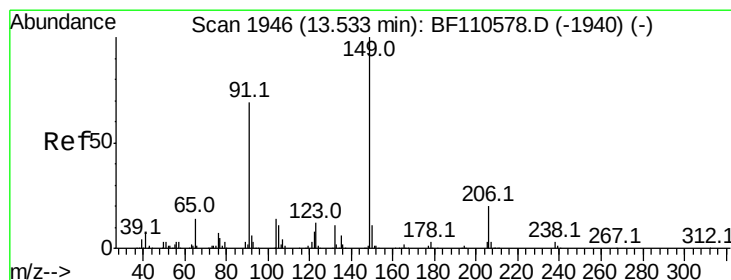
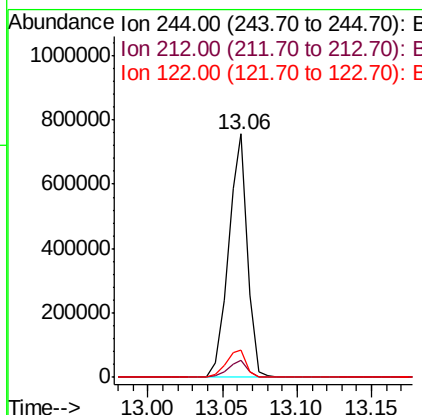
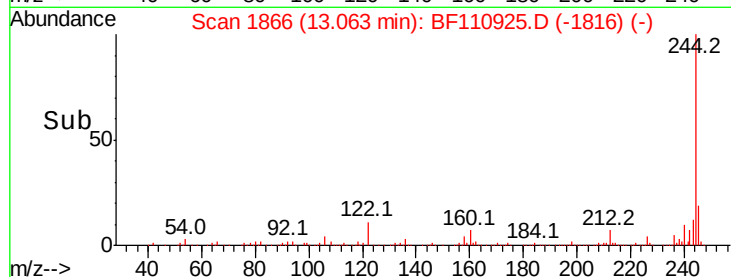
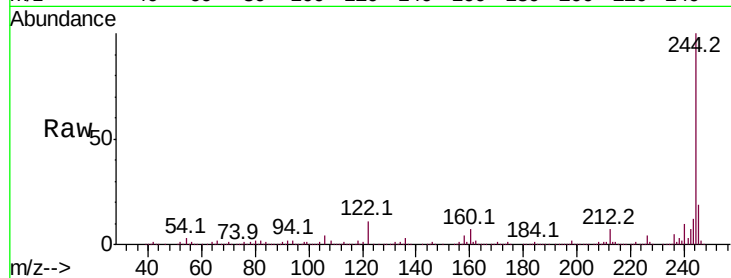
#79
 Terphenyl-d14
 Concen: 76.948 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.8	8.8	
122	11.2	8.7	13.1	

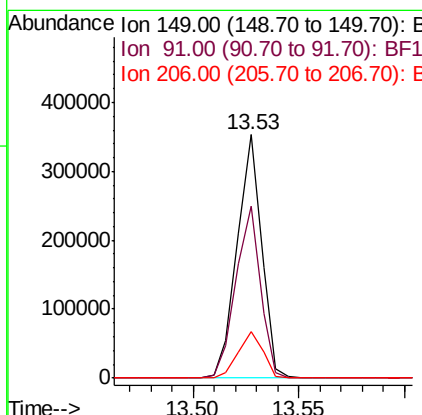
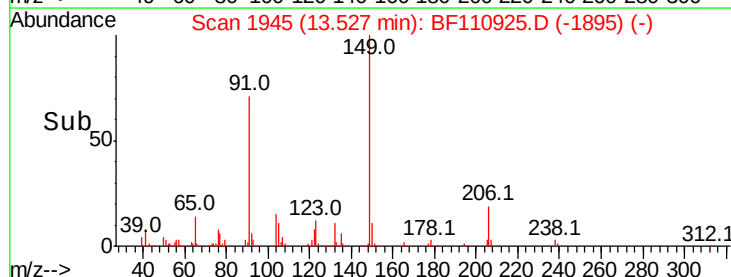
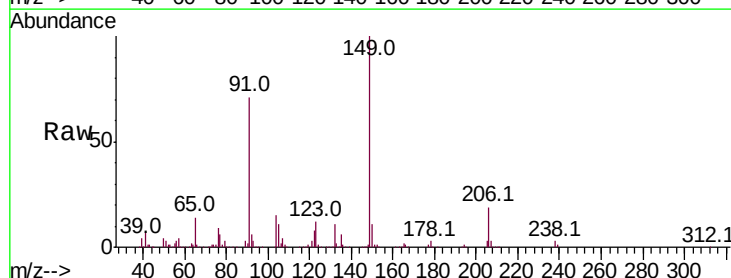
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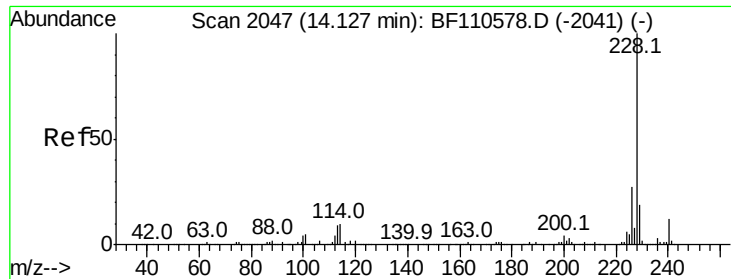
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#80
 Butylbenzylphthalate
 Concen: 51.904 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.8	57.2	85.8	
206	19.1	15.7	23.5	





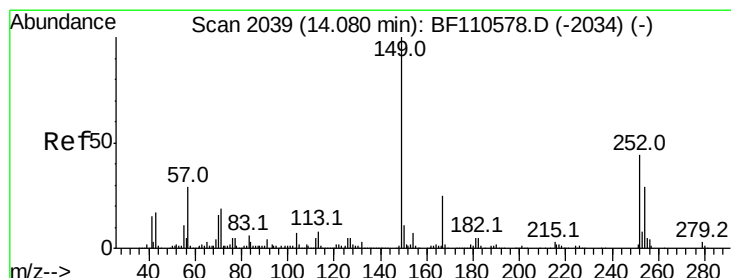
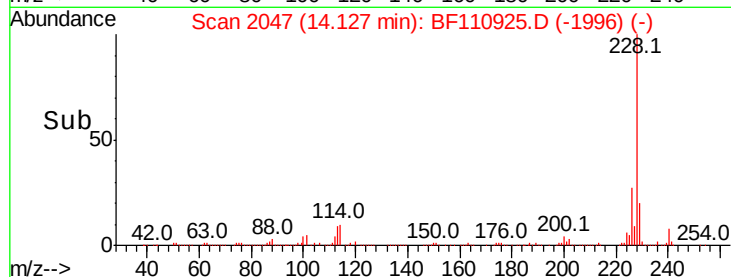
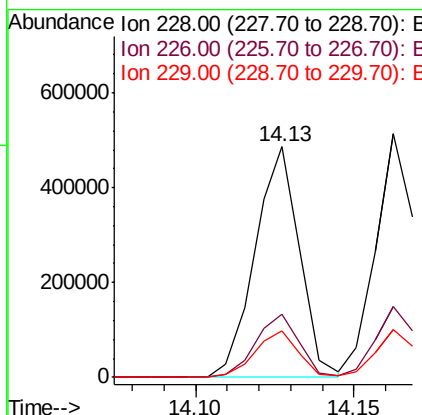
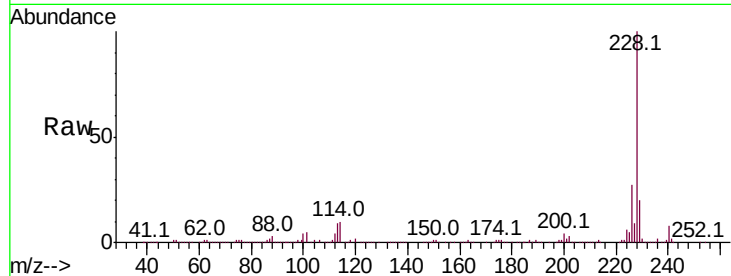
#81
Benzo(a)anthracene
Concen: 47.776 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.2	15.6	23.4

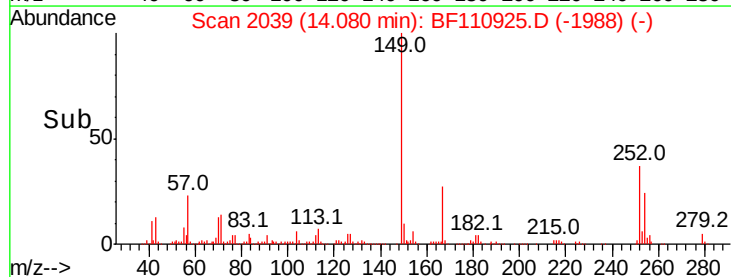
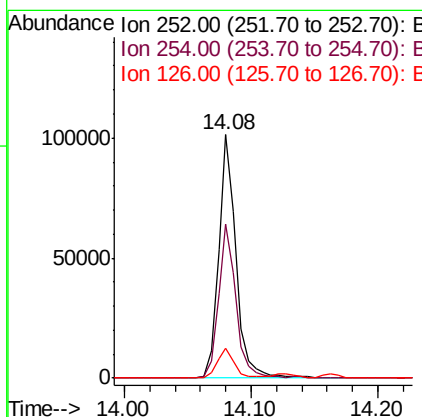
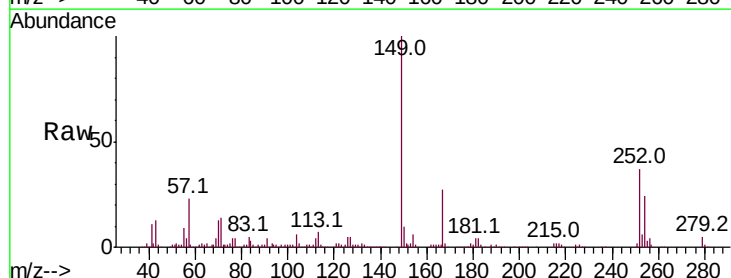
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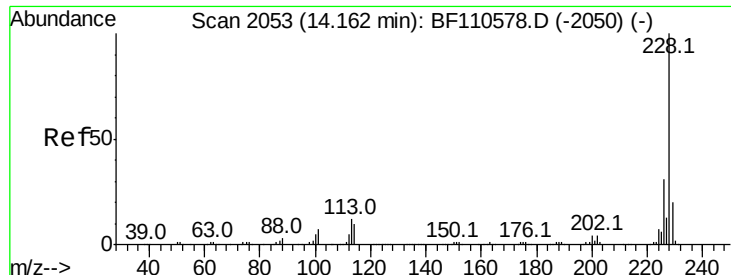
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#82
3,3'-Dichlorobenzidine
Concen: 29.539 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	12.2	9.4	14.2





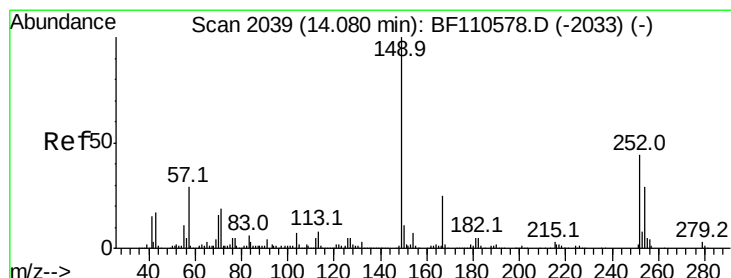
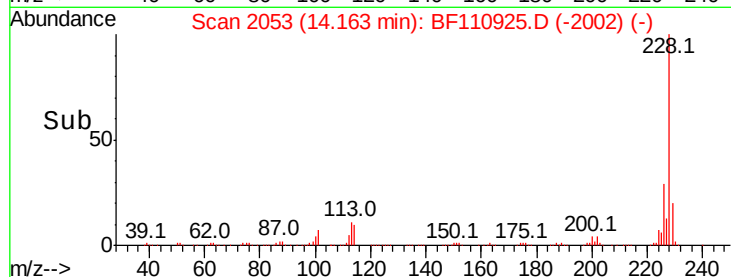
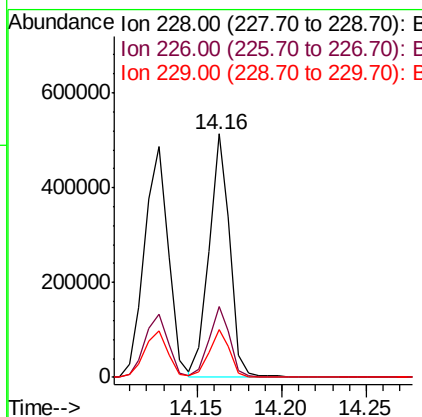
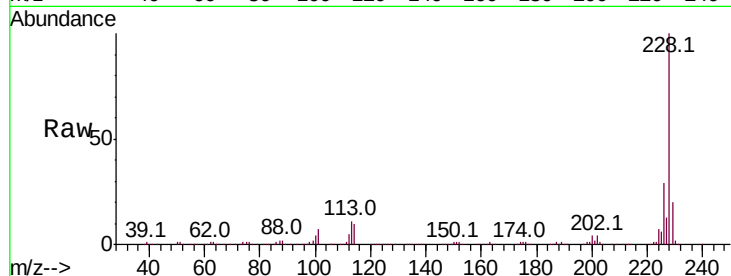
#83
 Chrysene
 Concen: 46.819 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.7	37.1
229	19.6	15.9	23.9

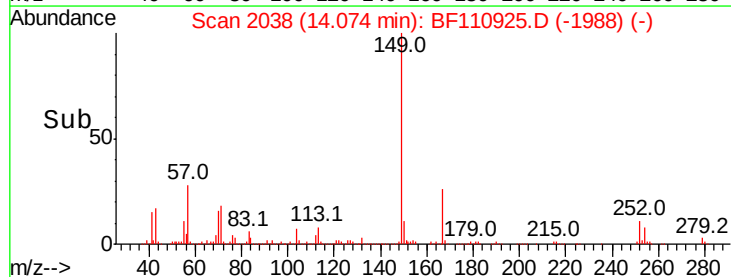
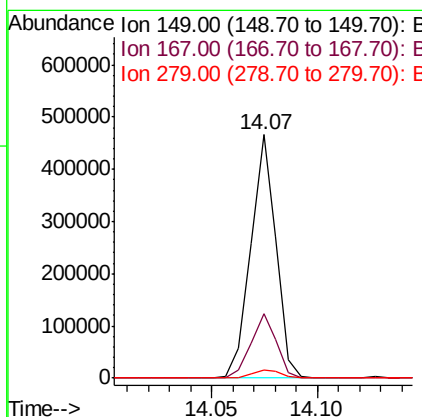
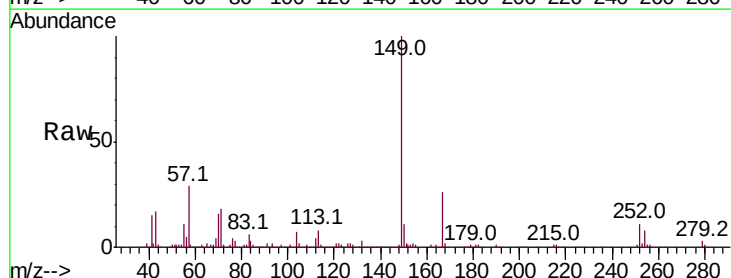
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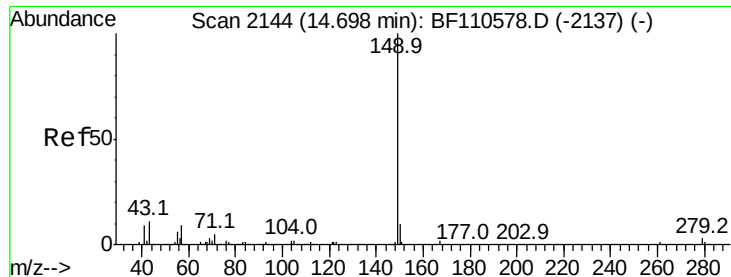
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.219 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.4	2.7	4.1





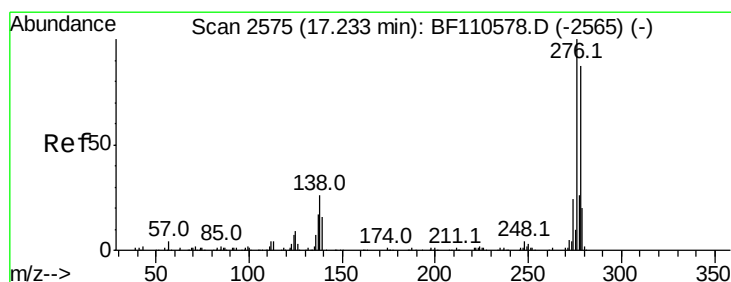
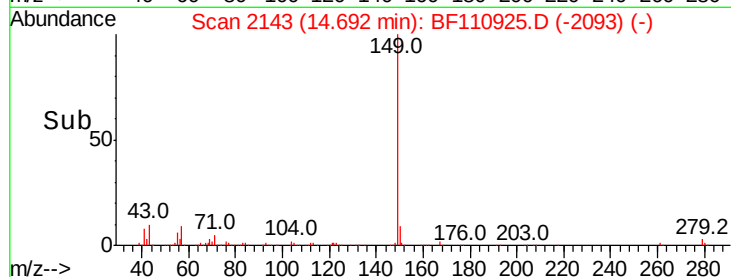
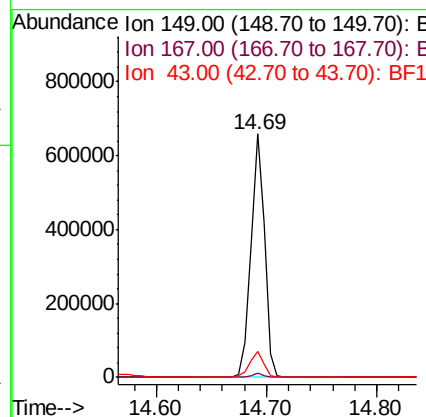
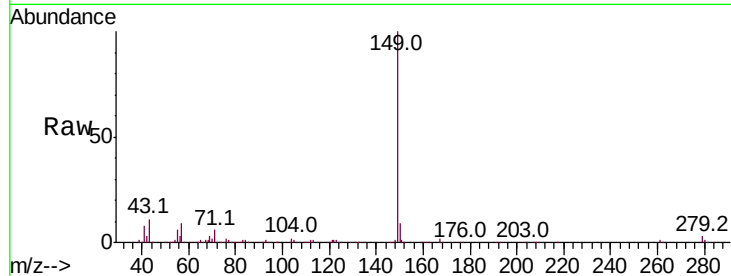
#85
Di-n-octyl phthalate
Concen: 57.748 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

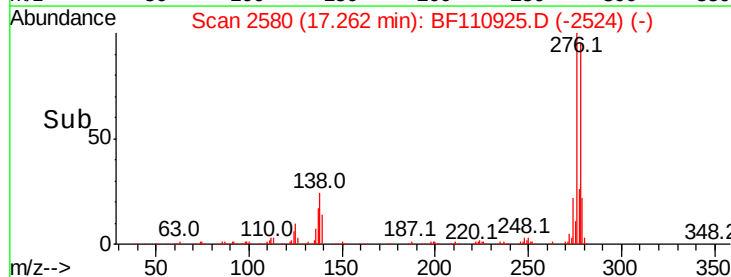
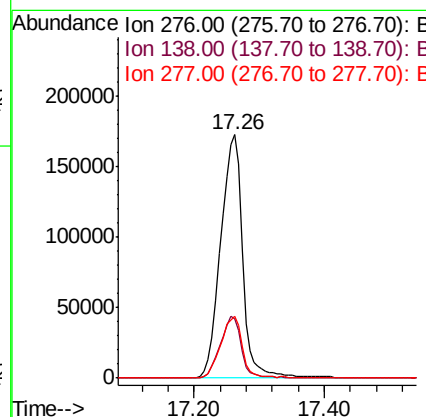
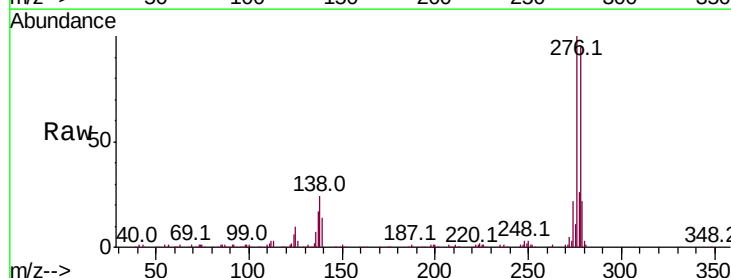
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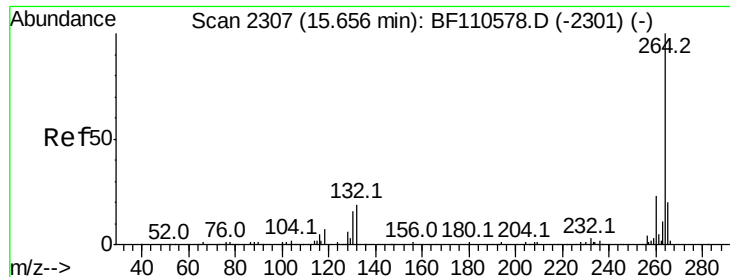
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#86
Indeno(1,2,3-cd)pyrene
Concen: 60.415 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.03 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.3	18.5	27.7
277	25.1	20.0	30.0





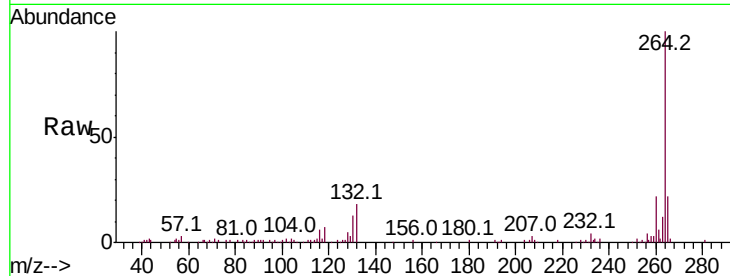
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.6	16.7	25.1

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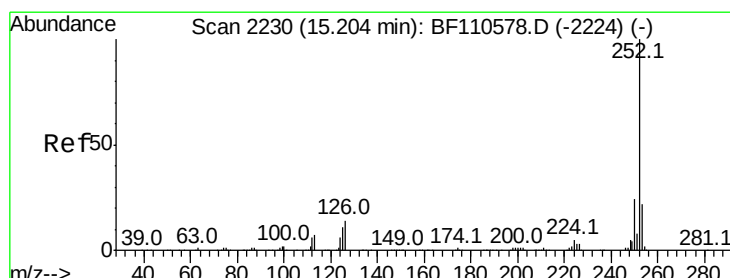
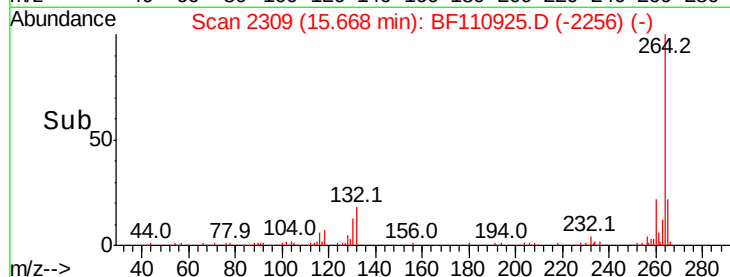
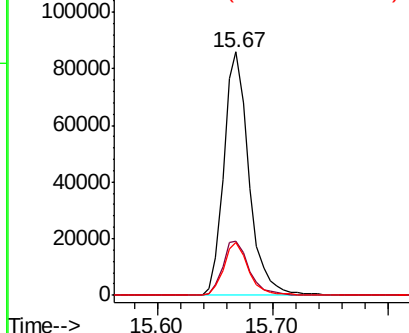


Abundance

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: 47.311 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

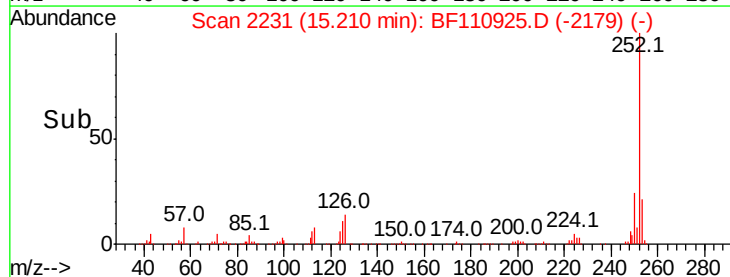
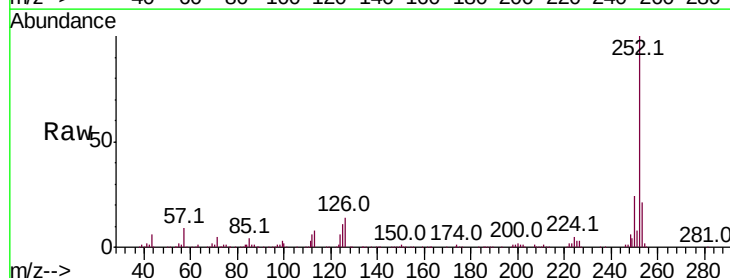
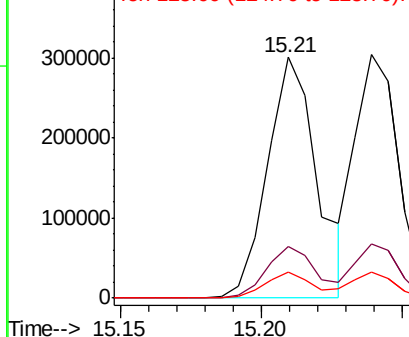
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.7	8.2	12.4

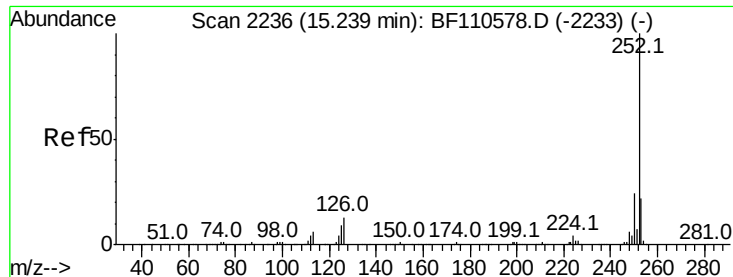
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





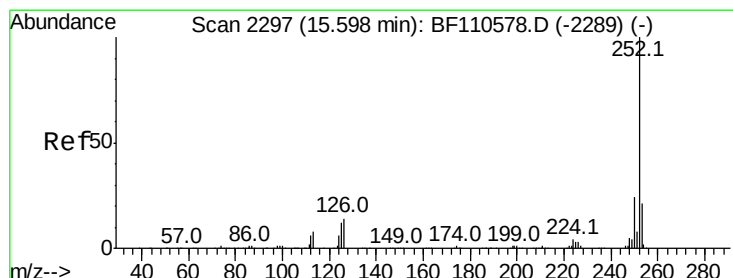
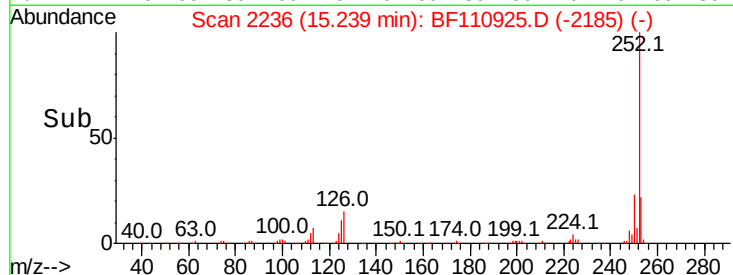
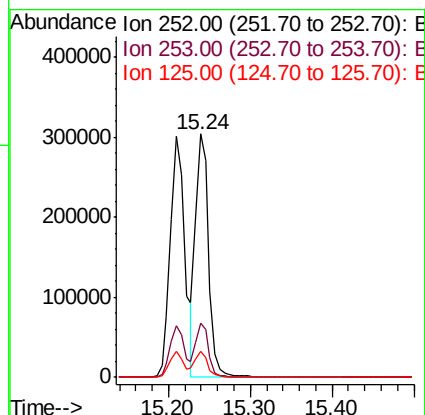
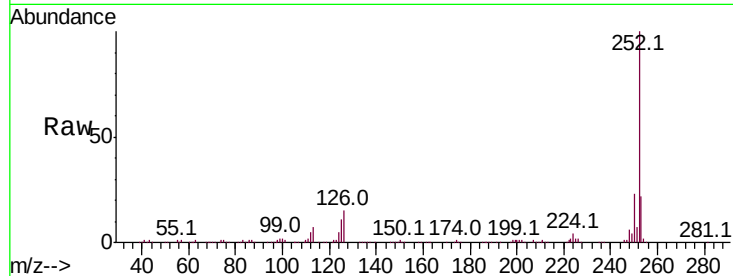
#89
Benzo(k)fluoranthene
Concen: 43.787 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.5	7.4	11.0

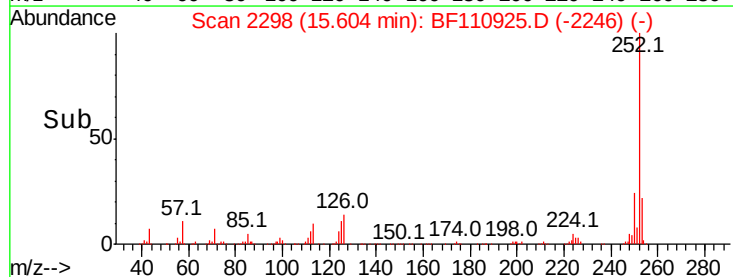
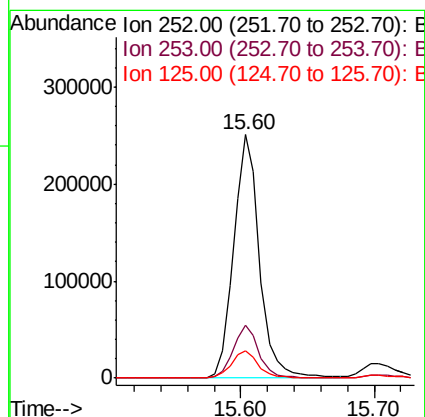
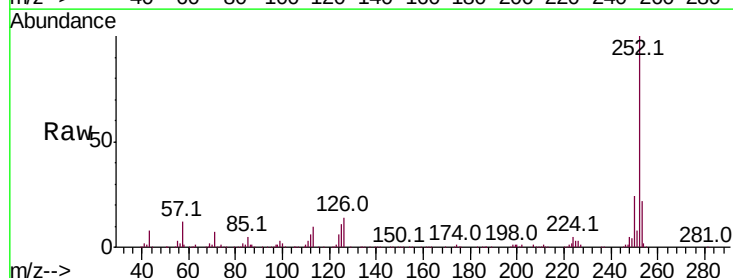
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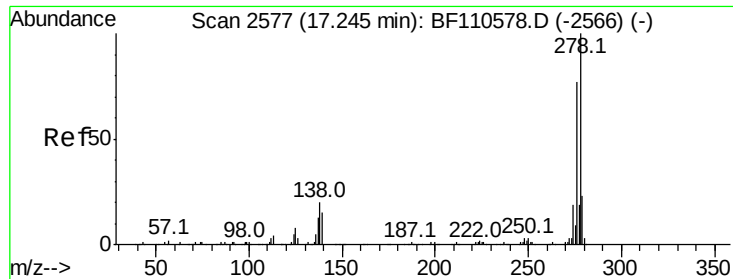
mohammad
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#90
Benzo(a)pyrene
Concen: 48.070 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 56.610 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

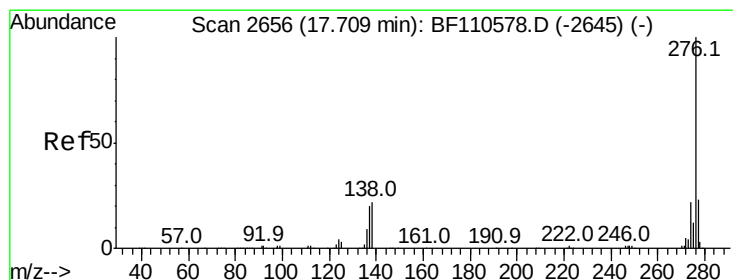
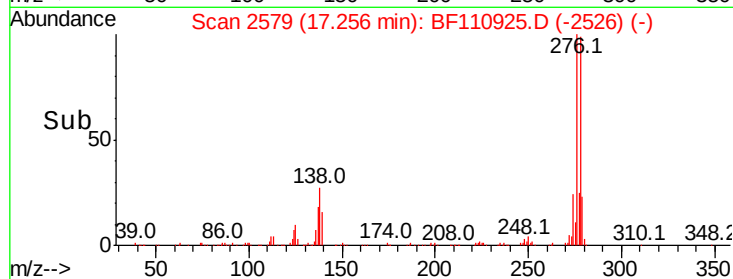
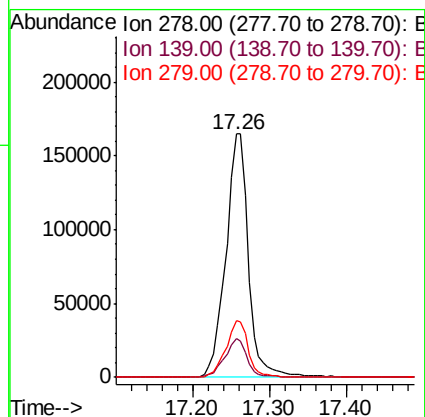
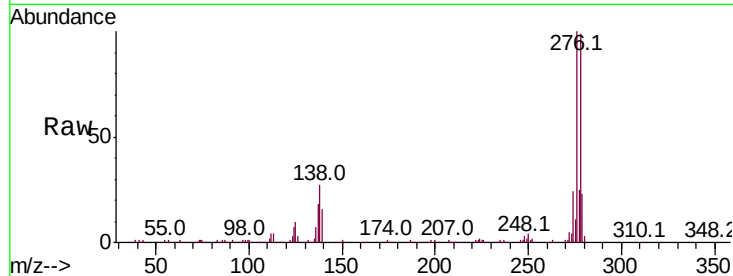
Instrument :
BNA_F

ClientSampleId :
TS-BUCKETSMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/23/2018 11:48:53 AM



#92

Benzo(g,h,i)perylene

Concen: 57.047 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.03 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.5	16.0	24.0

