

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
 Data File : BF110946.D
 Acq On : 23 Nov 2018 16:13
 Operator : JU/SJ
 Sample : J6003-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Manual Integrations
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 11/26/2018 3:12:01 PM

Quant Time: Nov 23 21:15:38 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	56062	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	190599	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	91767	20.00	ng	0.01
64) Phenanthrene-d10	11.50	188	130279	20.00	ng	0.01
76) Chrysene-d12	14.13	240	135617	20.00	ng	0.00
87) Perylene-d12	15.66	264	136542	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	464730	134.65	ng	0.00
7) Phenol-d6	6.57	99	578426	131.06	ng	0.00
23) Nitrobenzene-d5	7.51	82	360330	108.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	94004	101.66	ng	0.02
45) 2-Fluorobiphenyl	9.31	172	515153	80.17	ng	0.00
79) Terphenyl-d14	13.06	244	476398	65.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	50865	29.578	ng	# 85
3) Pyridine	3.59	79	134034	36.109	ng	# 84
4) n-Nitrosodimethylamine	3.54	42	75616	47.476	ng	# 86
6) Aniline	6.61	93	36324	6.311	ng	# 65
8) 2-Chlorophenol	6.73	128	164797	40.730	ng	# 98
9) Benzaldehyde	6.50	77	70747	27.455	ng	# 96
10) Phenol	6.58	94	223088	43.592	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	144340	37.634	ng	# 93
12) 1,3-Dichlorobenzene	6.88	146	166693	37.654	ng	# 97
13) 1,4-Dichlorobenzene	6.96	146	174521	38.821	ng	# 97
14) 1,2-Dichlorobenzene	7.11	146	161437	38.603	ng	# 99
15) Benzyl Alcohol	7.08	79	142418	41.234	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	221825	36.829	ng	# 83
17) 2-Methylphenol	7.19	107	124500	38.664	ng	# 88
18) Hexachloroethane	7.45	117	63767	38.422	ng	# 93
19) n-Nitroso-di-n-propylamine	7.35	70	129936	46.121	ng	# 96
20) 3+4-Methylphenols	7.35	107	160951	38.937	ng	# 73
22) Acetophenone	7.35	105	219879	49.500	ng	# 89
24) Nitrobenzene	7.53	77	169295	49.926	ng	# 94
25) Isophorone	7.76	82	342291	63.101	ng	# 89
26) 2-Nitrophenol	7.85	139	84290	49.827	ng	# 83
27) 2,4-Dimethylphenol	7.87	122	143493	55.698	ng	# 96
28) bis(2-Chloroethoxy)methane	7.96	93	170726	46.484	ng	# 84
29) 2,4-Dichlorophenol	8.09	162	125608	47.383	ng	# 92
30) 1,2,4-Trichlorobenzene	8.17	180	121361	40.605	ng	# 94
31) Naphthalene	8.25	128	461455	51.573	ng	# 94
32) Benzoic acid	7.97	122	13346	7.322	ng	# 1
33) 4-Chloroaniline	8.30	127	33623	8.296	ng	# 28
34) Hexachlorobutadiene	8.36	225	71287	41.758	ng	# 97
35) Caprolactam	8.67	113	30925	34.917	ng	# 1
36) 4-Chloro-3-methylphenol	8.79	107	126769	44.341	ng	# 96
37) 2-Methylnaphthalene	8.97	142	2115502	360.664	ng	# 98
38) 1-Methylnaphthalene	9.07	142	1408906	249.762	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	96998	33.392	ng	# 93

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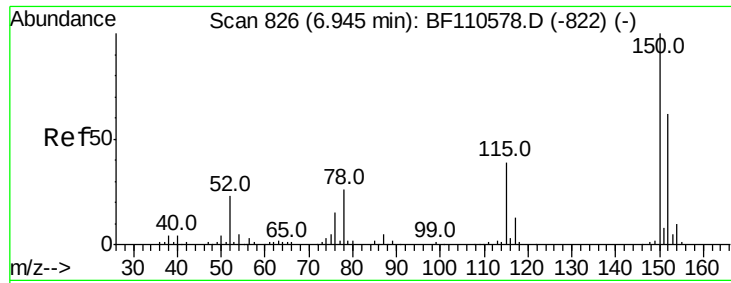
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	16152	20.528	nq	100
43) 2,4,6-Trichlorophenol	9.23	196	60366	33.071	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	63872	32.804	nq	# 26
46) 1,1'-Biphenyl	9.42	154	295986	34.576	nq	98
47) 2-Chloronaphthalene	9.45	162	208889	33.870	nq	# 91
48) 2-Nitroaniline	9.55	65	87069	45.813	nq	# 73
49) Acenaphthylene	9.87	152	352870	39.730	nq	# 86
50) Dimethylphthalate	9.72	163	186042	27.170	nq	# 83
51) 2,6-Dinitrotoluene	9.79	165	52659	34.959	nq	# 59
52) Acenaphthene	10.04	154	273143	48.663	nq	# 83
53) 3-Nitroaniline	9.96	138	39706	22.753	nq	# 80
54) 2,4-Dinitrophenol	10.05	184	1485	7.031	nq	# 1
55) Dibenzofuran	10.22	168	326230	39.725	nq	# 76
56) 4-Nitrophenol	10.12	139	146643	126.661	nq	79
57) 2,4-Dinitrotoluene	10.22	165	94269	48.133	nq	# 89
58) Fluorene	10.56	166	380803	60.370	nq	# 90
59) 2,3,4,6-Tetrachlorophenol	10.34	232	42723	27.892	nq	# 40
60) Diethylphthalate	10.41	149	218589	32.268	nq	95
61) 4-Chlorophenyl-phenylether	10.54	204	97526	29.861	nq	# 81
62) 4-Nitroaniline	10.58	138	48114	27.379	nq	94
63) Azobenzene	10.70	77	231278	34.993	nq	# 72
65) 4,6-Dinitro-2-methylphenol	10.63	198	18603	28.333	nq	# 1
66) n-Nitrosodiphenylamine	10.66	169	618056	140.747	nq	# 74
67) 4-Bromophenyl-phenylether	11.03	248	54924	38.146	nq	# 76
68) Hexachlorobenzene	11.13	284	57450	37.845	nq	# 84
69) Atrazine	11.17	200	74382	55.398	nq	94
70) Pentachlorophenol	11.31	266	43886	54.179	nq	95
71) Phenanthrene	11.52	178	790408	113.244	nq	98
72) Anthracene	11.57	178	345343m	49.049	nq	
73) Carbazole	11.73	167	289792	42.857	nq	94
74) Di-n-butylphthalate	12.03	149	330069	41.626	nq	97
75) Fluoranthene	12.71	202	367408	52.505	nq	98
77) Benzidine	12.82	184	71612	19.202	nq	# 97
78) Pyrene	12.94	202	393023	37.638	nq	96
80) Butylbenzylphthalate	13.52	149	165009	36.714	nq	100
81) Benzo(a)anthracene	14.12	228	351925	43.416	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	22459	8.271	nq	100
83) Chrysene	14.16	228	328406	42.525	nq	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	234954	42.141	nq	97
85) Di-n-octyl phthalate	14.69	149	414657	50.575	nq	# 99
86) Indeno(1,2,3-cd)pyrene	17.26	276	339835	61.324	nq	98
88) Benzo(b)fluoranthene	15.20	252	355743	43.551	nq	99
89) Benzo(k)fluoranthene	15.23	252	302549	37.484	nq	98
90) Benzo(a)pyrene	15.60	252	328563	44.271	nq	97
91) Dibenzo(a,h)anthracene	17.25	278	283536	45.145	nq	99
92) Benzo(g,h,i)perylene	17.73	276	267454	42.920	nq	99

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



#1

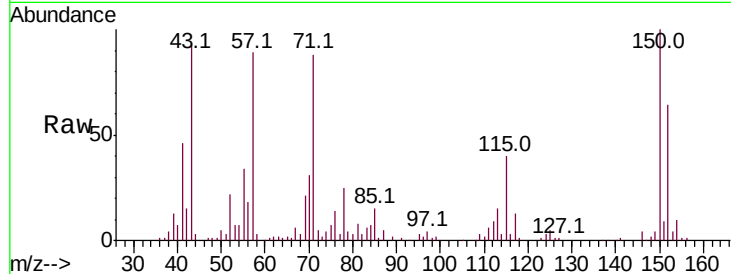
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

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ClientSampleId :
NON-UST-03R-AMSD

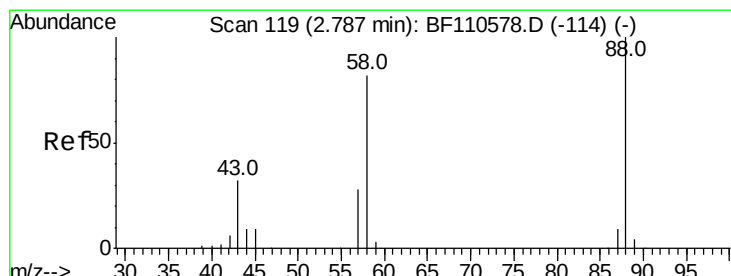
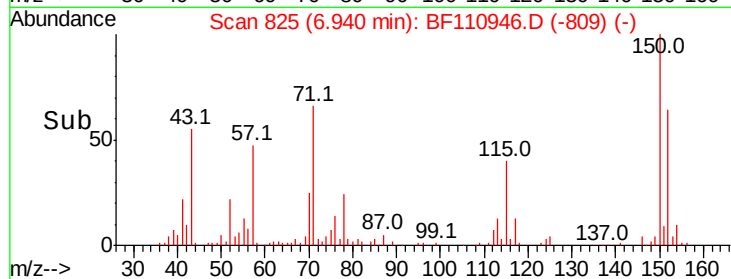
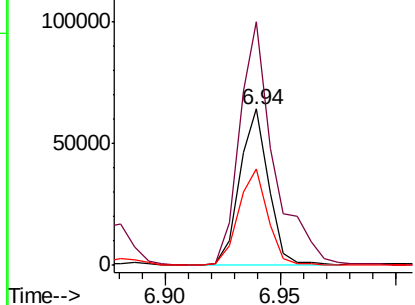
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	61.8	49.1	73.7

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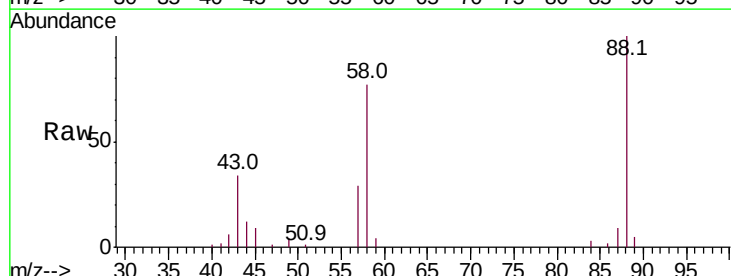
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



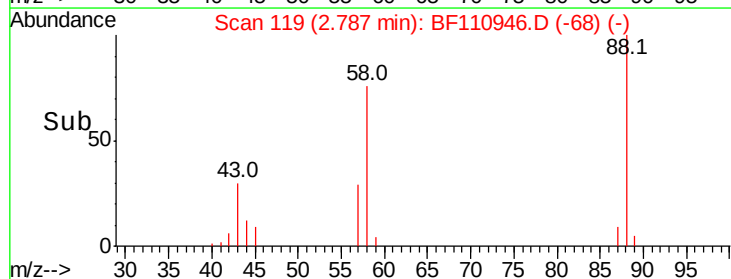
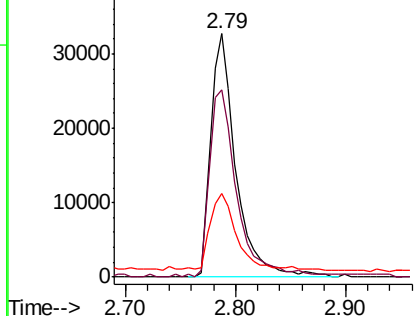
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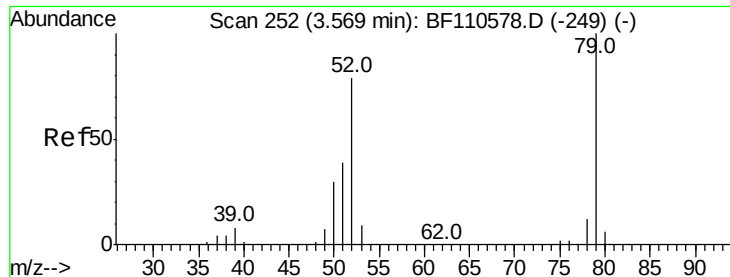
1,4-Dioxane
Concen: 29.578 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	57.1	85.7#
43	35.0	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





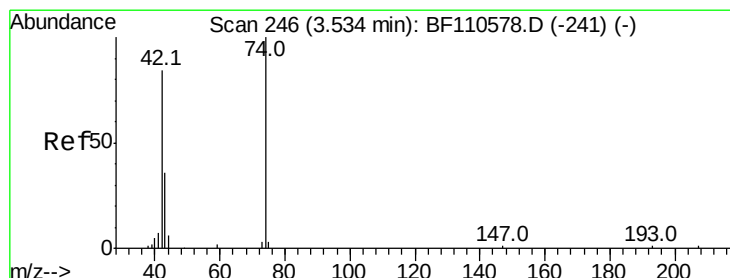
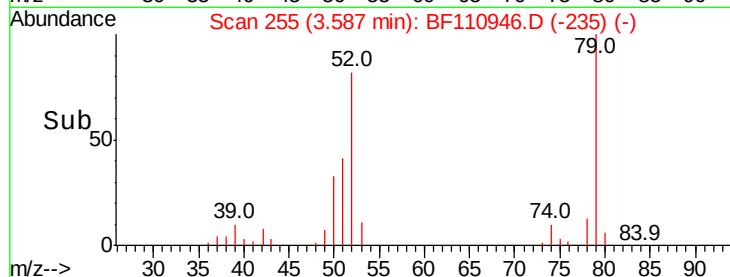
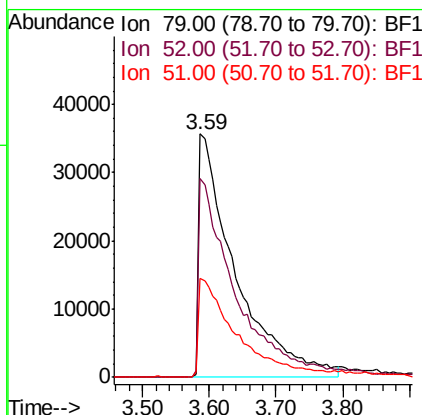
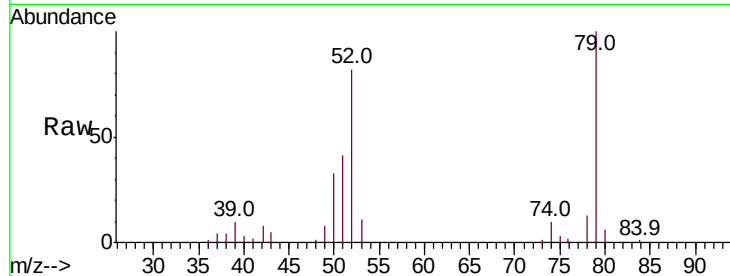
#3
 Pvridine
 Concen: 36.109 ng
 RT: 3.59 min Scan# 255
 Delta R.T. 0.02 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Tot Ion: 79 Resp: 134034
 Ion Ratio Lower Upper
 79 100
 52 81.6 53.1 79.7#
 51 40.8 27.4 41.2

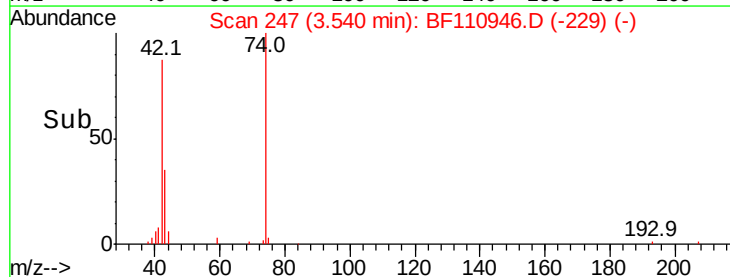
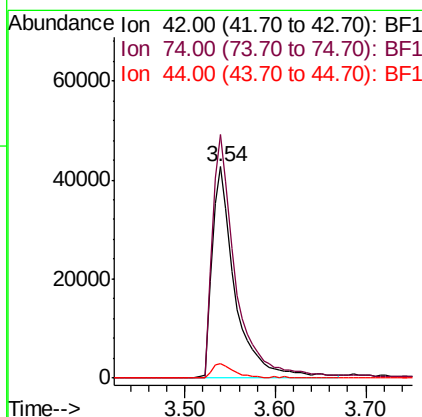
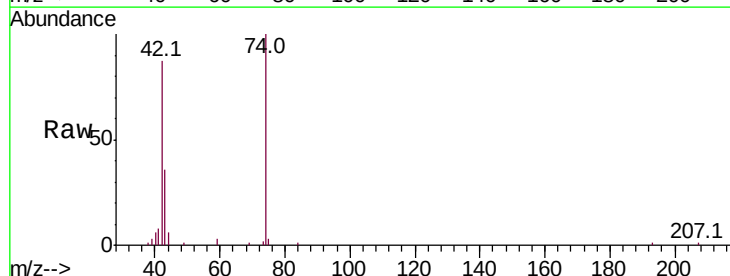
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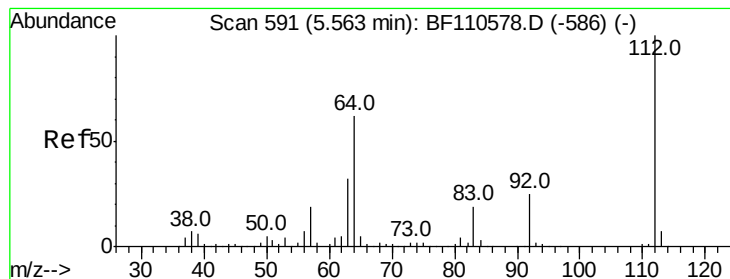
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#4
 n-Nitrosodimethylamine
 Concen: 47.476 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion: 42 Resp: 75616
 Ion Ratio Lower Upper
 42 100
 74 115.1 105.5 158.3
 44 6.6 4.9 7.3





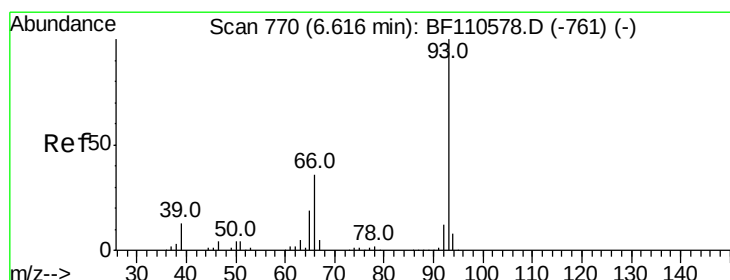
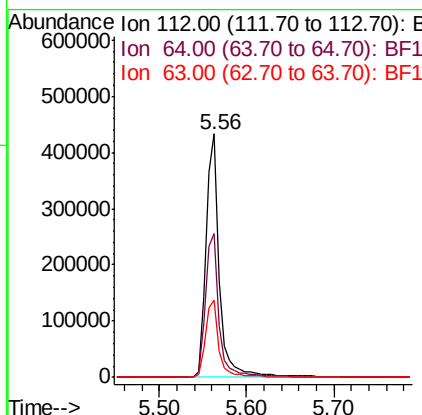
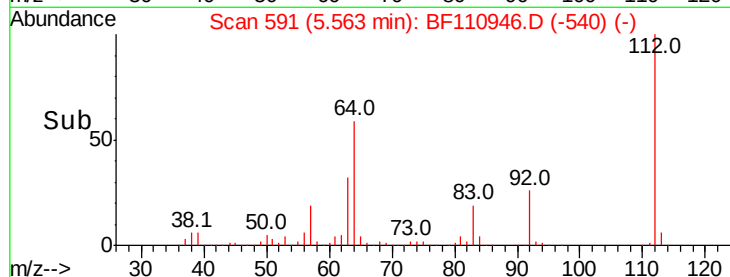
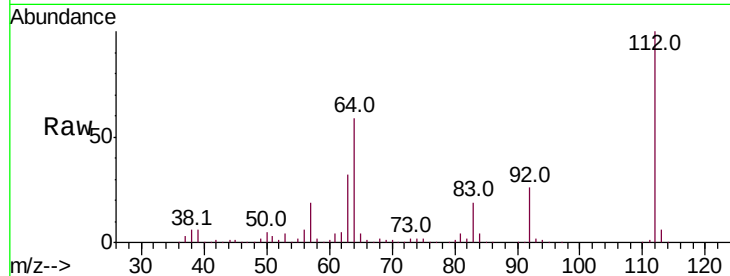
#5
2-Fluorophenol
Concen: 134.649 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
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ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	464730		
64	59.0		44.1	66.1
63	31.7		23.7	35.5

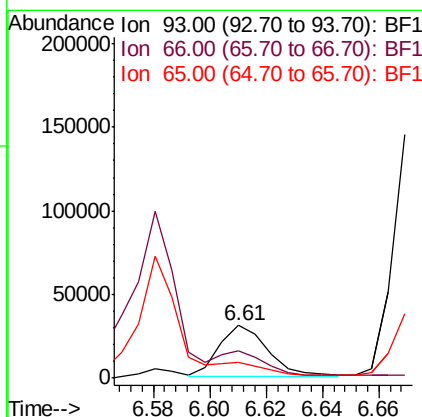
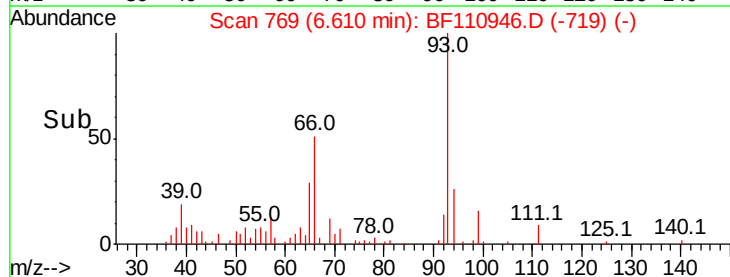
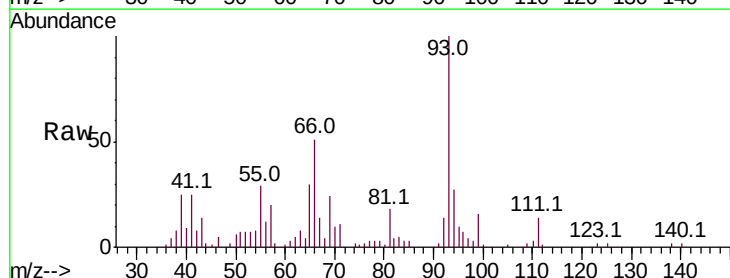
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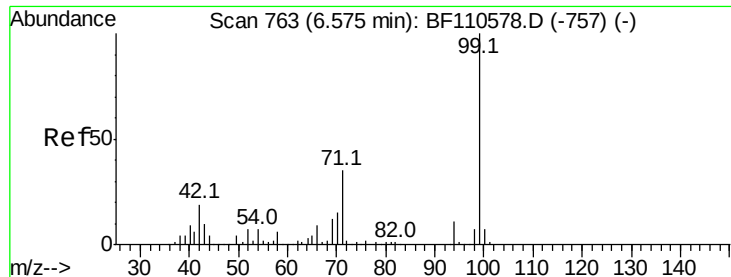
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#6
Aniline
Concen: 6.311 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	36324		
66	50.9		67.4	101.0#
65	29.6		41.0	61.4#





#7

Phenol-d6

Concen: 131.057 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

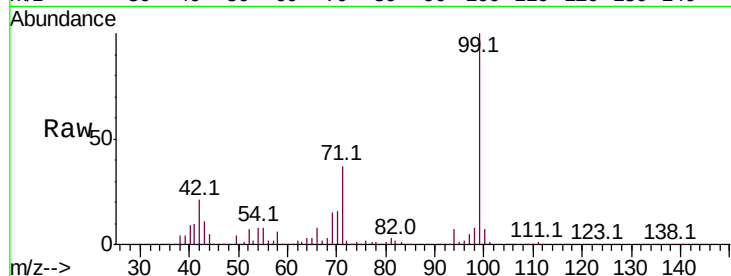
ClientSampleId :

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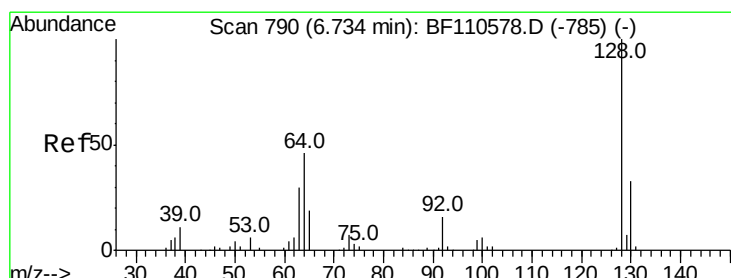
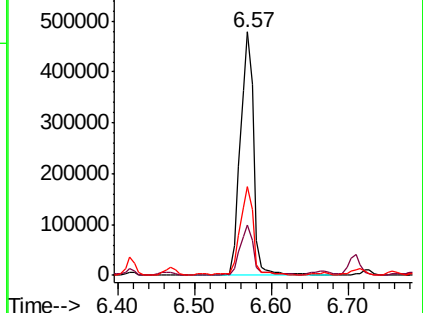
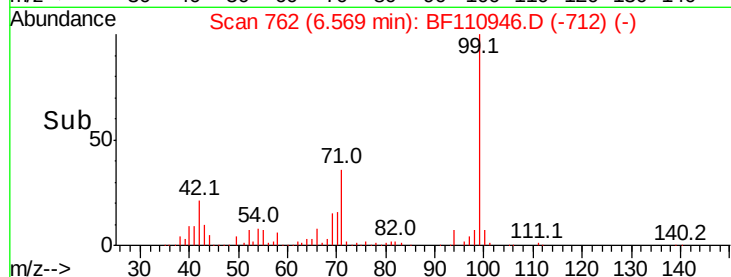
Tot Ion:	99	Resp:	578426
Ion Ratio	Lower	Upper	
99	100		
42	20.9	15.8	23.6
71	36.7	28.0	42.0

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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: 40.730 ng

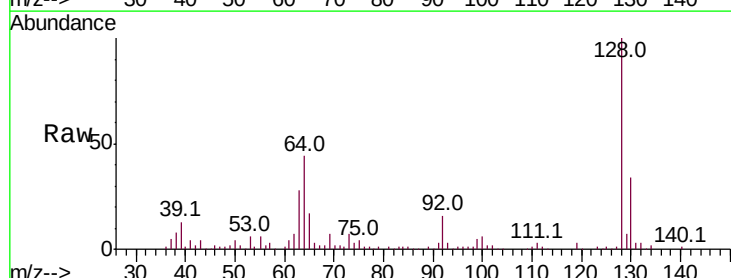
RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

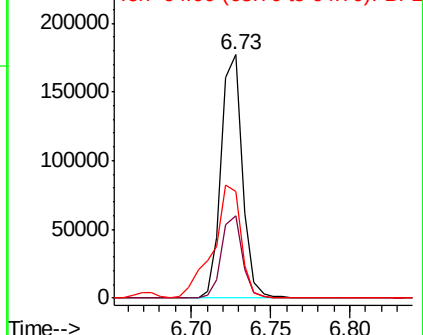
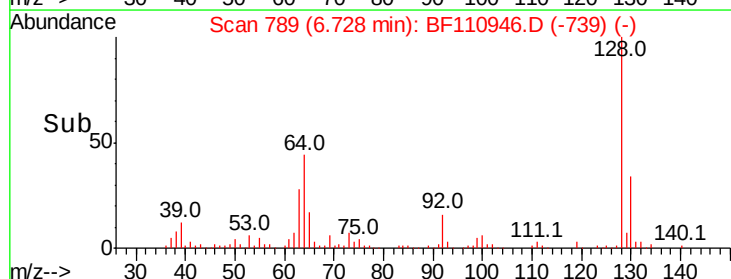
Lab File: BF110946.D

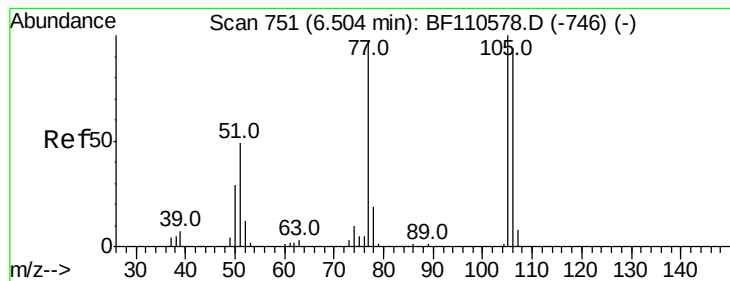
Acq: 23 Nov 2018 16:13

Tgt Ion:	128	Resp:	164797
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.1	53.1
64	43.9	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: 27.455 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

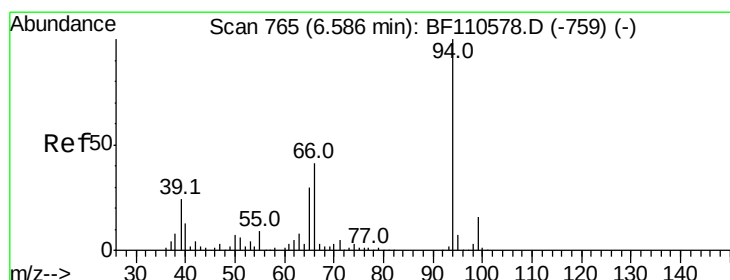
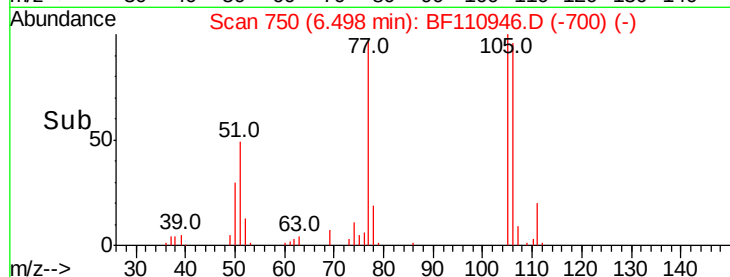
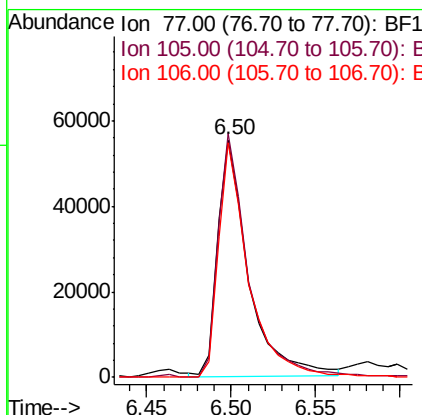
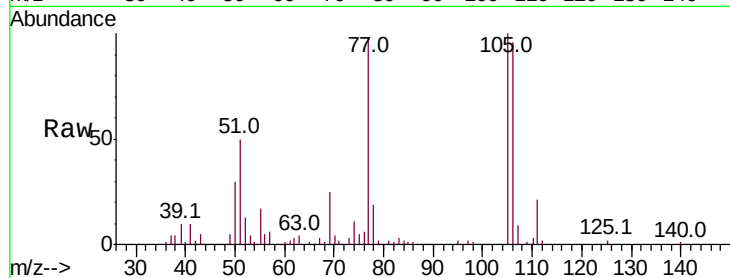
ClientSampleId :

NON-UST-03R-AMSD

Tot Ion: 77 Resp: 70747
 Ion Ratio Lower Upper
 77 100
 105 102.5 78.6 118.6
 106 98.8 74.8 114.8

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#10

Phenol

Concen: 43.592 ng

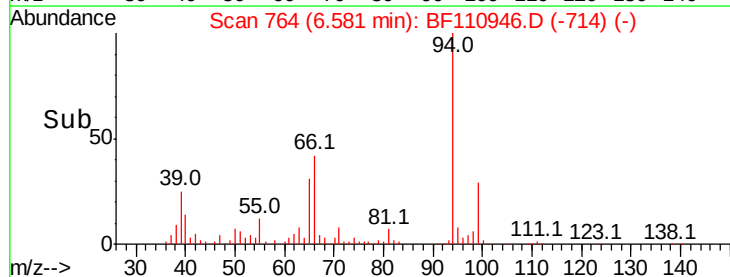
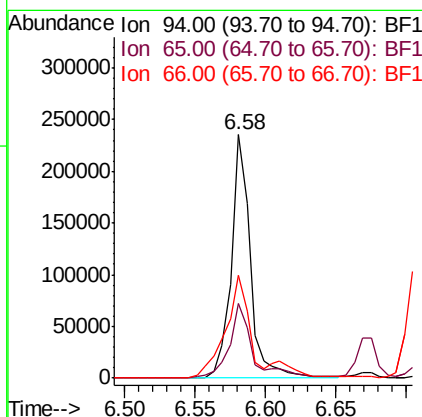
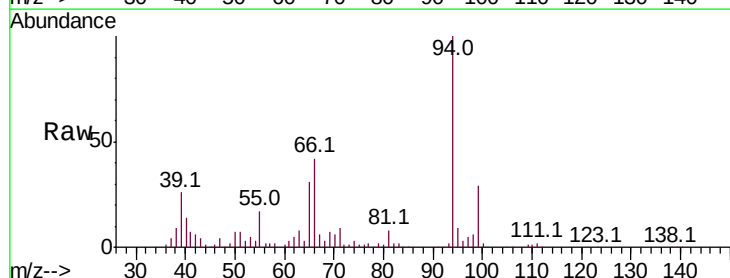
RT: 6.58 min Scan# 764

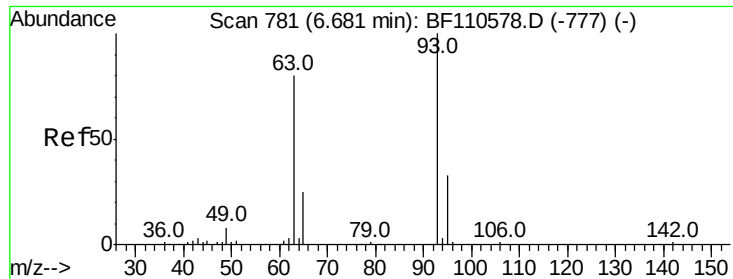
Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Tgt Ion: 94 Resp: 223088
 Ion Ratio Lower Upper
 94 100
 65 30.9 25.3 65.3
 66 42.4 54.5 94.5#





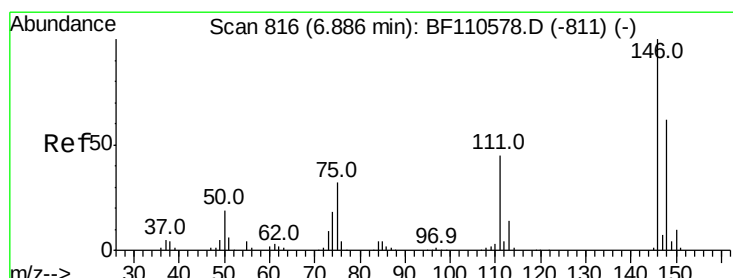
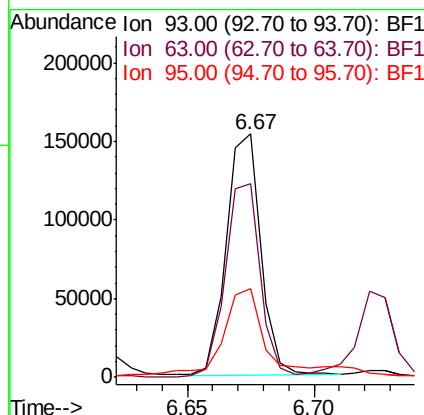
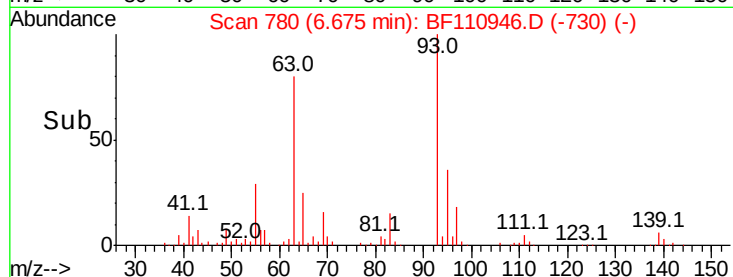
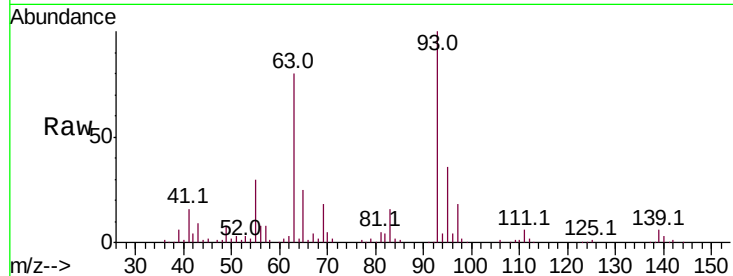
#11
bis(2-Chloroethyl)ether
Concen: 37.634 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	53.4	93.4
95	36.2	12.1	52.1

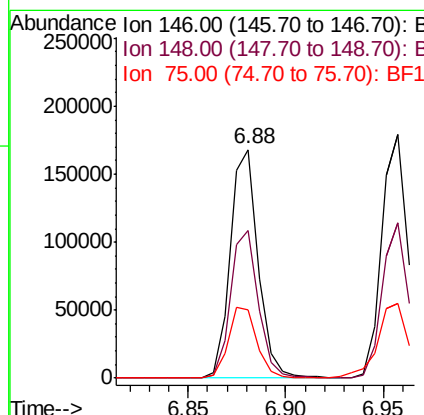
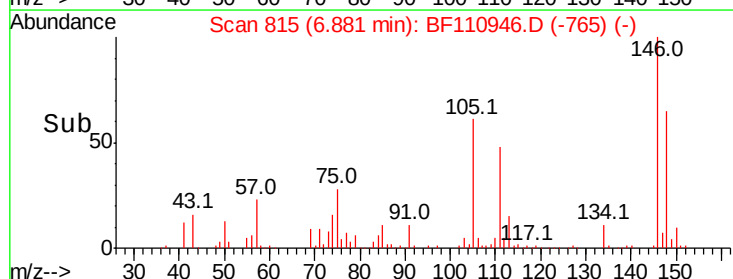
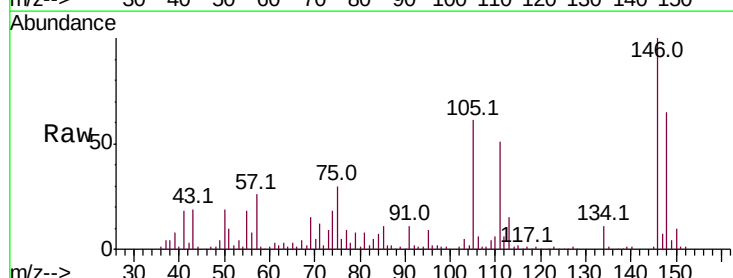
Manual Integrations
APPROVED

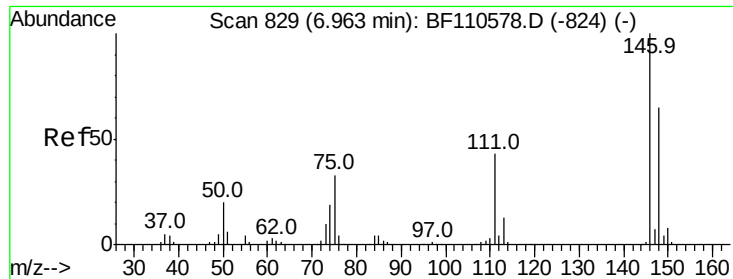
MOHAMMAD
11/26/2018 3:12:01 PM



#12
1,3-Dichlorobenzene
Concen: 37.654 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
75	29.7	25.8	38.6





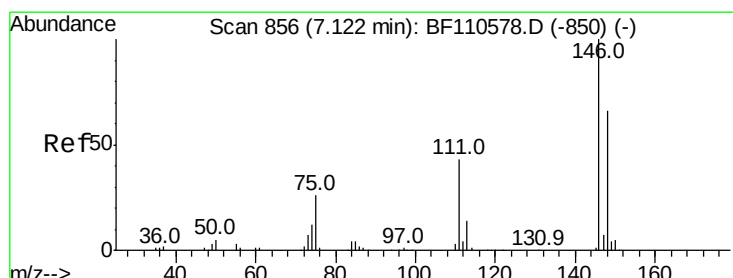
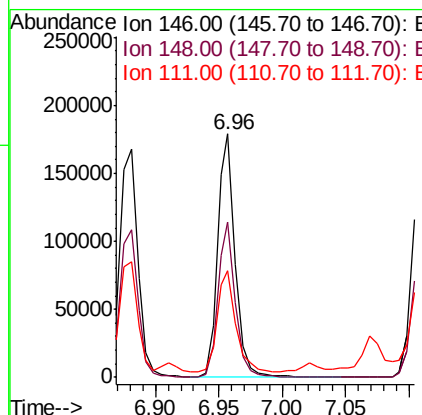
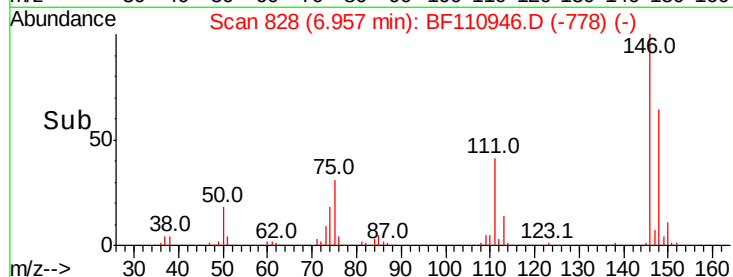
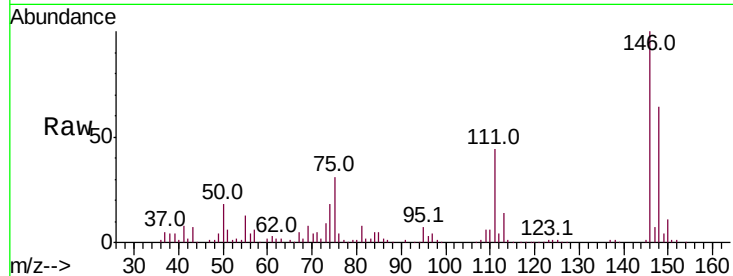
#13
 1,4-Dichlorobenzene
 Concen: 38.821 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	43.8	32.7	49.1

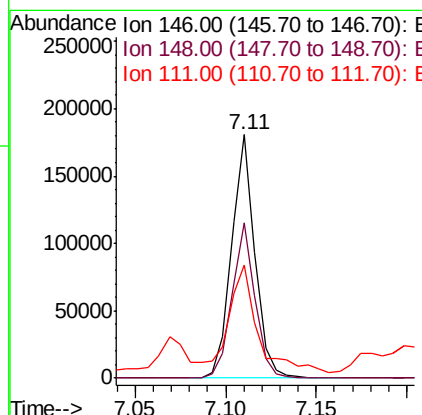
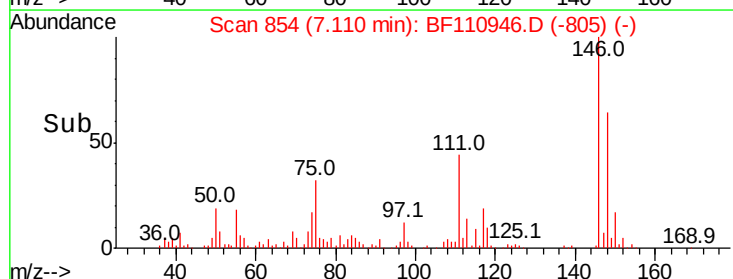
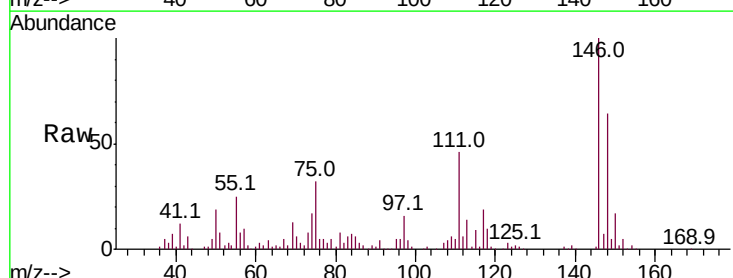
Manual Integrations
 APPROVED

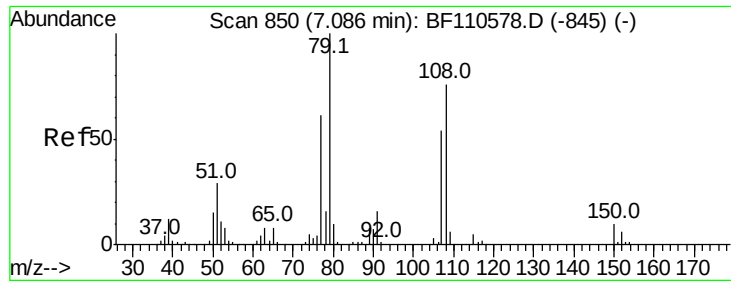
MOHAMMAD
 11/26/2018 3:12:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.603 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	46.2	35.8	53.6





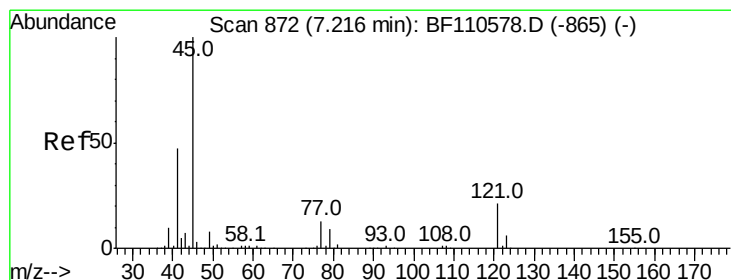
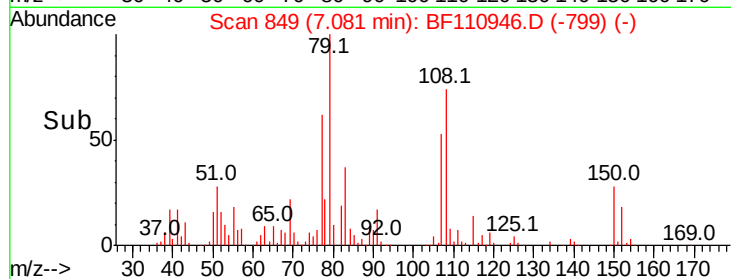
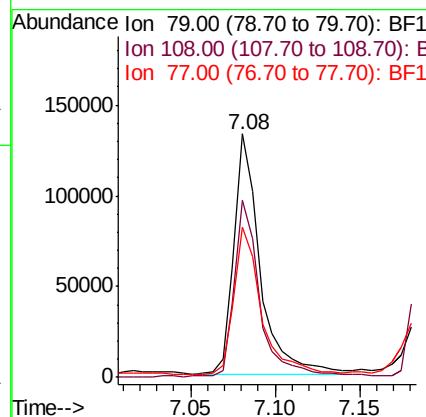
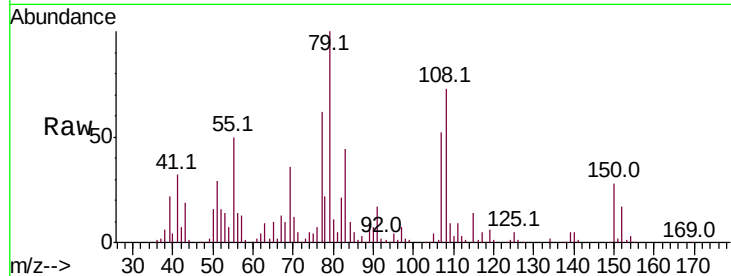
#15
Benzyl Alcohol
Concen: 41.234 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion:	79	Resp:	142418
Ion Ratio	Lower	Upper	
79	100		
108	72.6	56.3	84.5
77	61.8	52.9	79.3

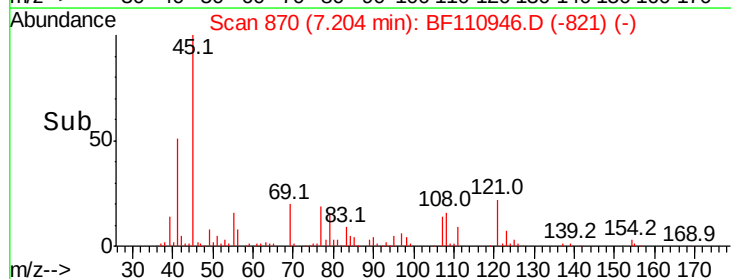
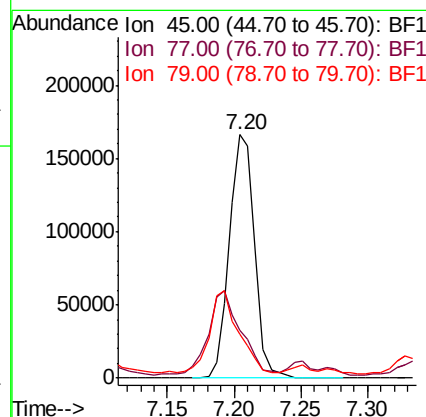
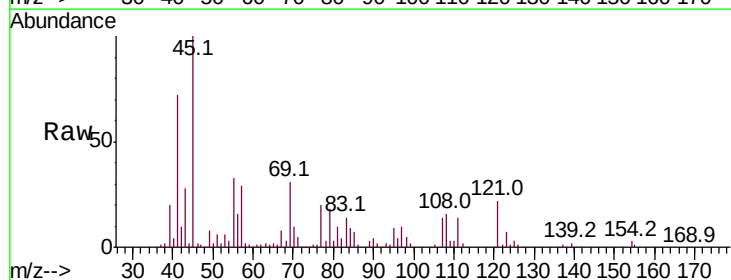
Manual Integrations
APPROVED

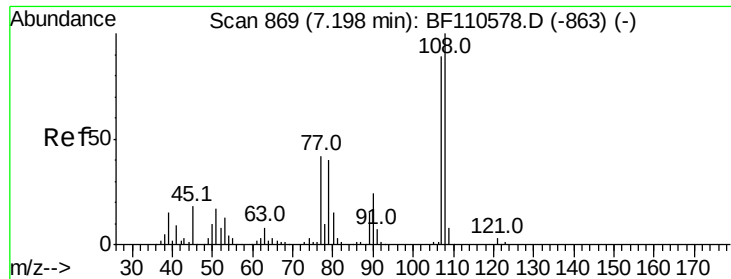
MOHAMMAD
11/26/2018 3:12:01 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.829 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:	45	Resp:	221825
Ion Ratio	Lower	Upper	
45	100		
77	19.9	10.0	50.0
79	17.9	6.1	46.1





#17

2-Methylphenol

Concen: 38.664 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

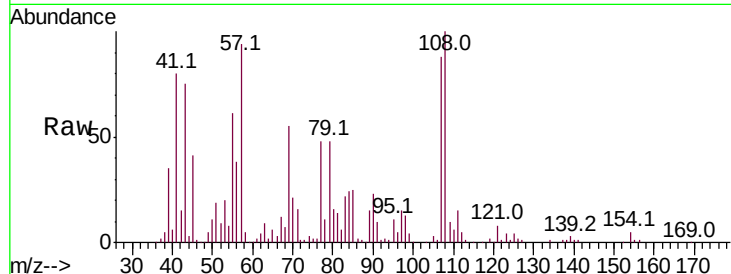
ClientSampleId :

NON-UST-03R-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	92.6	138.8	
77	54.7	59.4	89.2#	
79	54.6	54.0	81.0	

Manual Integrations
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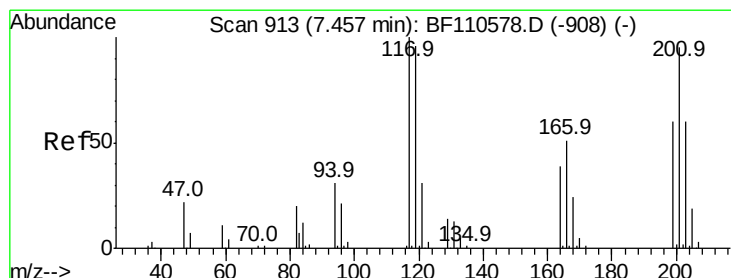
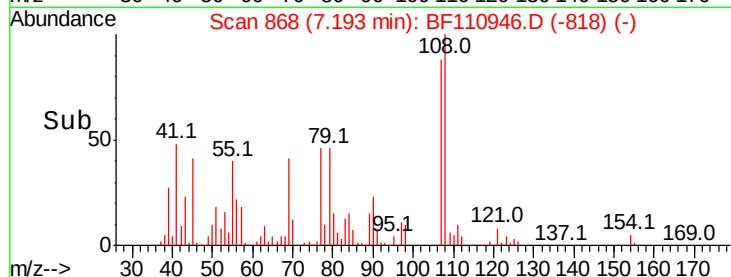
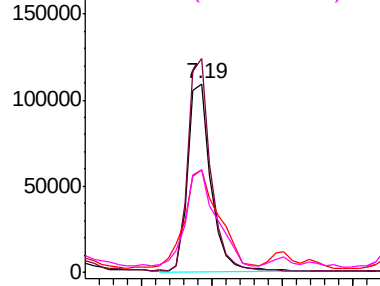
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.422 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

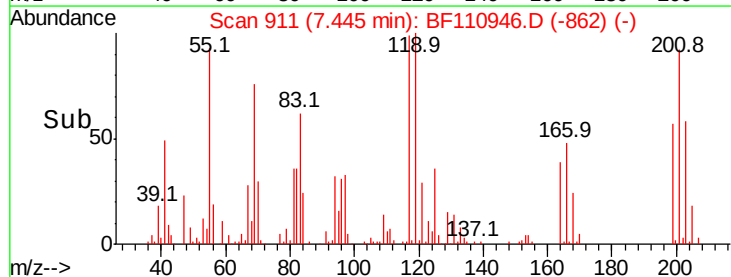
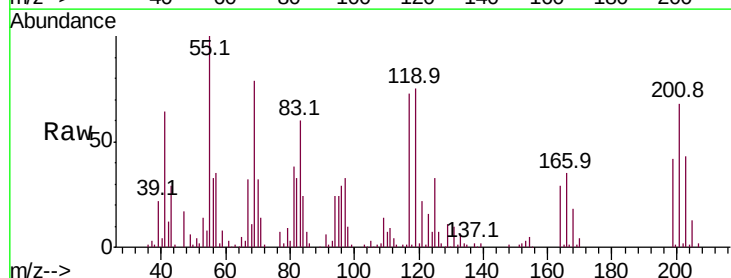
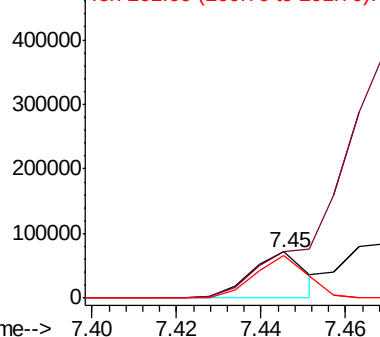
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.9	75.0	112.6	
201	92.4	79.2	118.8	

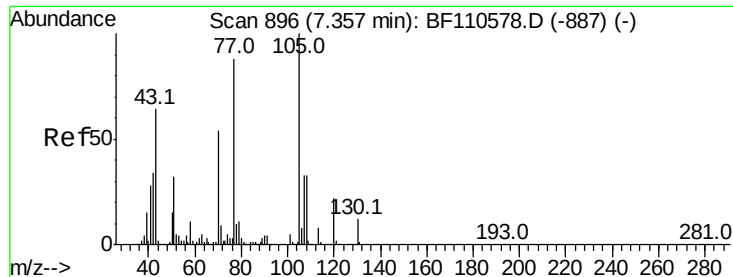
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





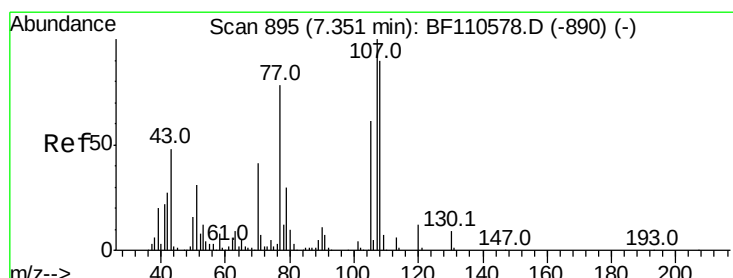
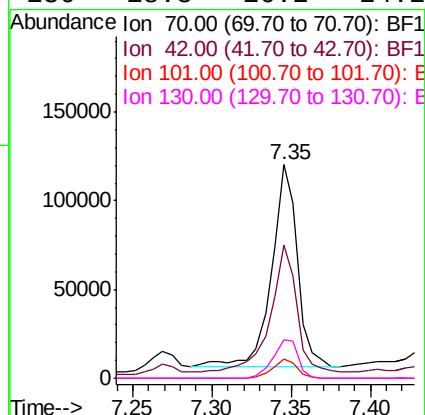
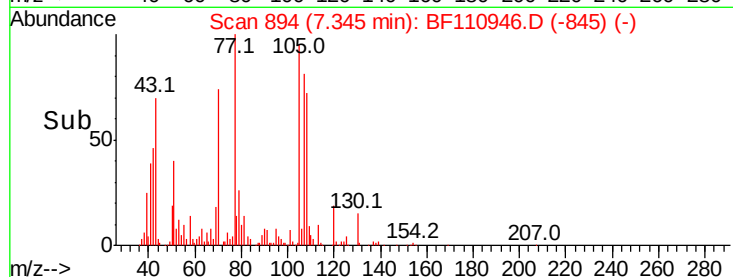
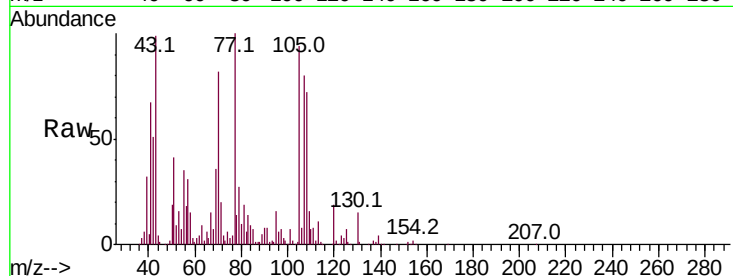
#19
n-Nitroso-di-n-propylamine
Concen: 46.121 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.4	71.2
101	8.9	7.3	10.9
130	18.3	16.2	24.2

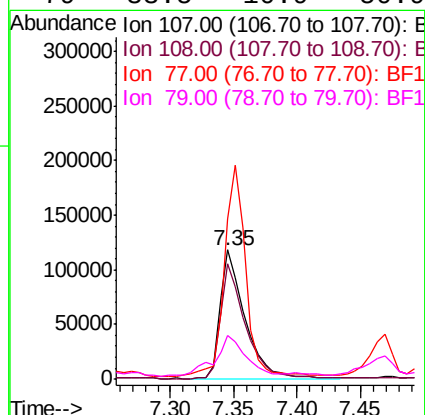
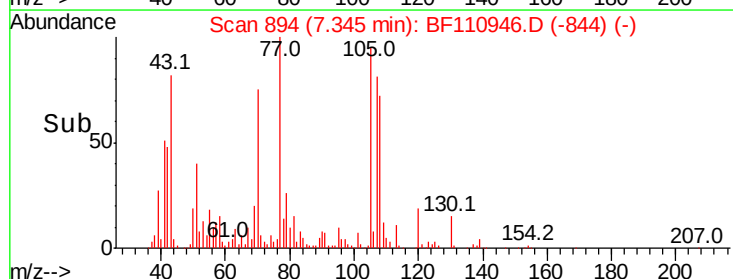
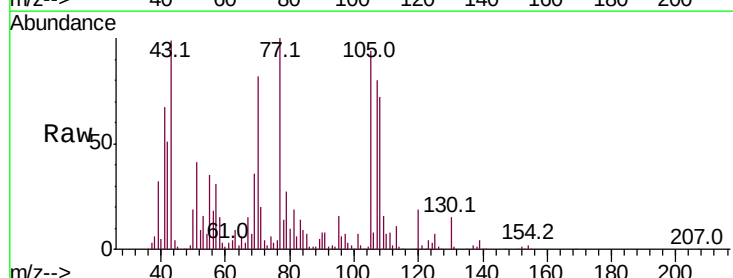
Manual Integrations
APPROVED

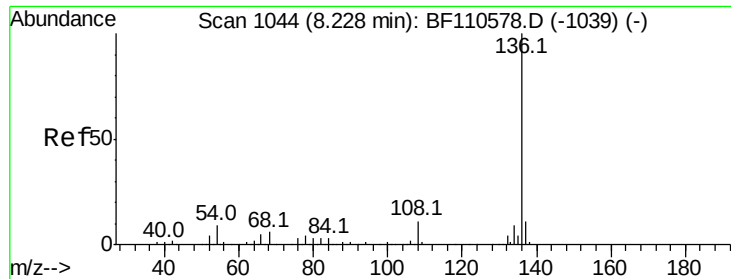
MOHAMMAD
11/26/2018 3:12:01 PM



#20
3+4-Methylphenols
Concen: 38.937 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	124.4	47.3	87.3#
79	33.5	10.9	50.9





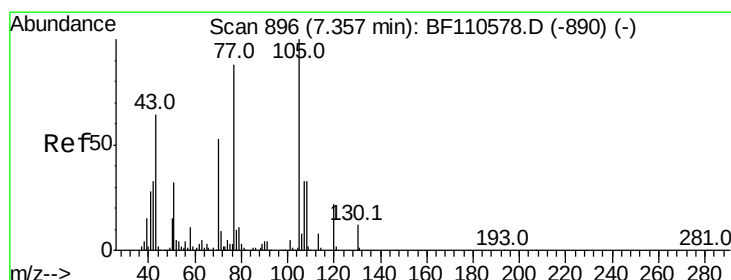
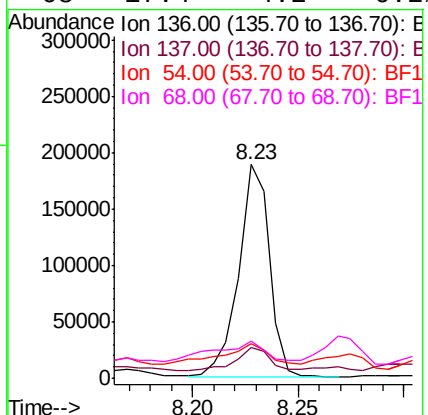
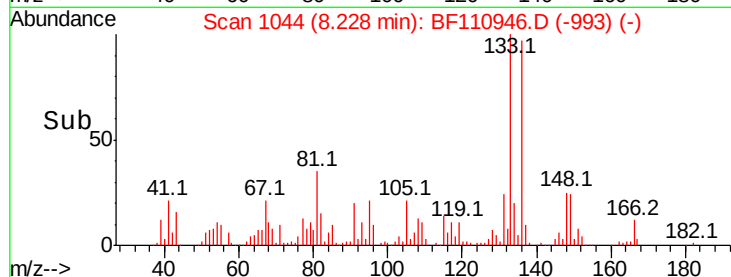
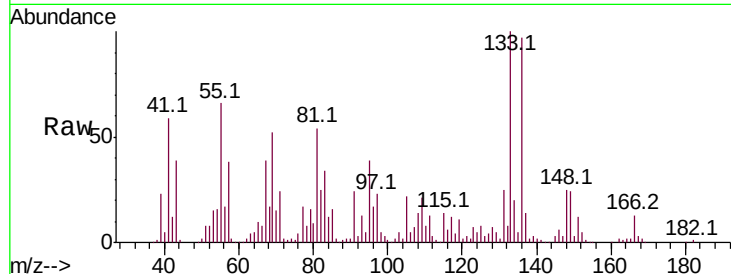
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	14.5	8.8	13.2#	
54	16.0	5.4	8.2#	
68	17.4	4.2	6.2#	

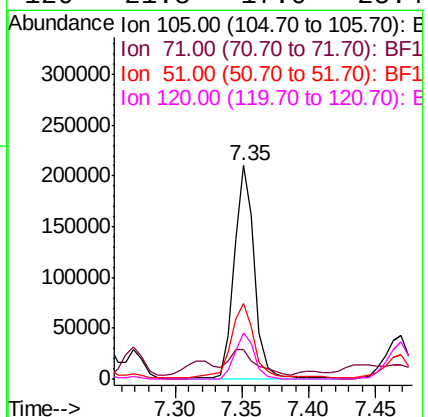
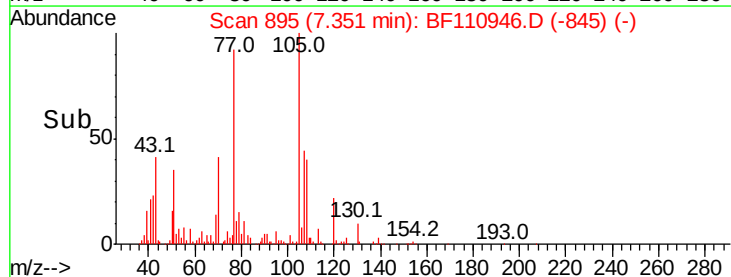
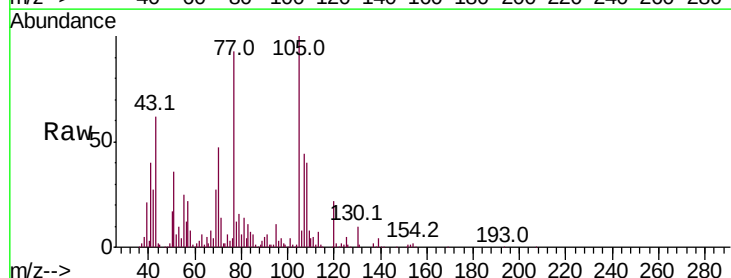
Manual Integrations
APPROVED

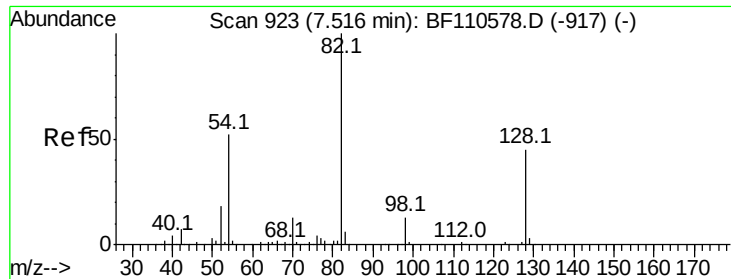
MOHAMMAD
11/26/2018 3:12:01 PM



#22
Acetophenone
Concen: 49.500 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	13.6	5.2	7.8#	
51	35.6	21.8	32.8#	
120	21.8	17.0	25.4	





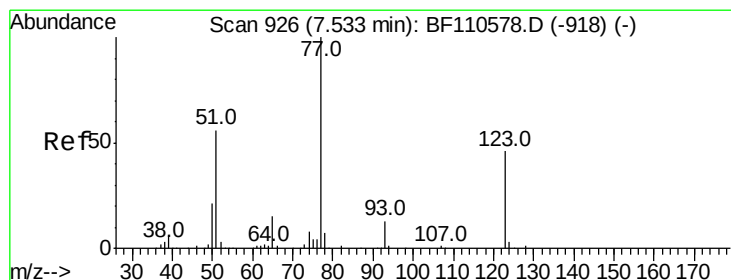
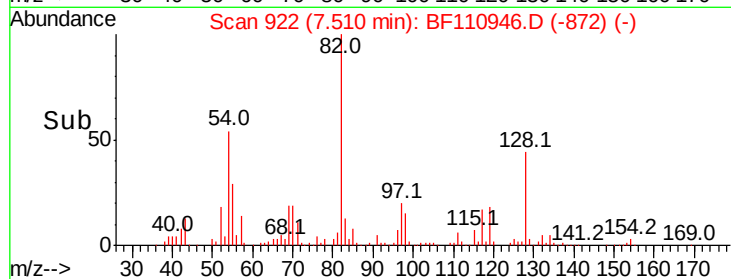
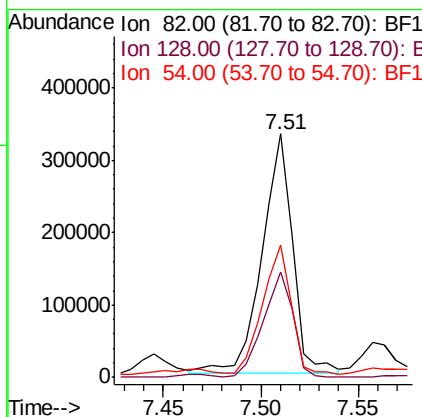
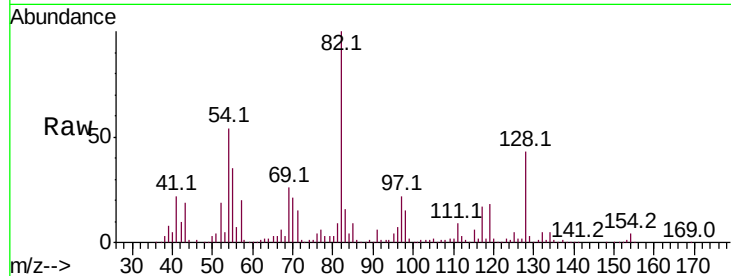
#23
Nitrobenzene-d5
Concen: 108.874 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	54.2	38.6	58.0

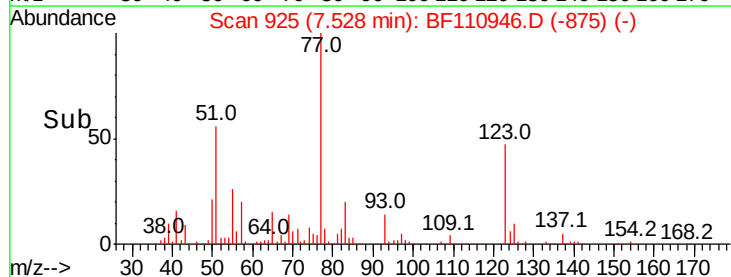
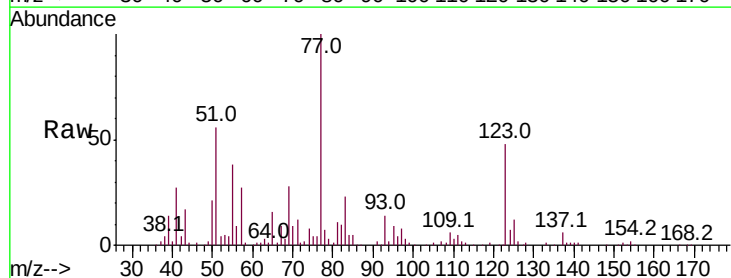
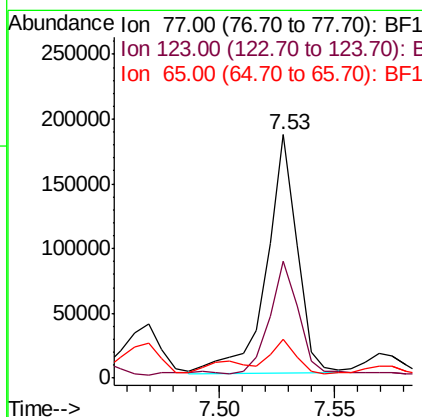
Manual Integrations
APPROVED

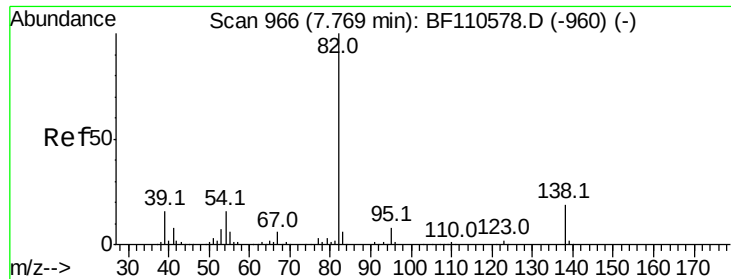
MOHAMMAD
11/26/2018 3:12:01 PM



#24
Nitrobenzene
Concen: 49.926 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.7	53.5
65	15.8	10.7	16.1





#25

Isophorone

Concen: 63.101 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

Tot Ion: 82 Resp: 342291

Ion Ratio Lower Upper

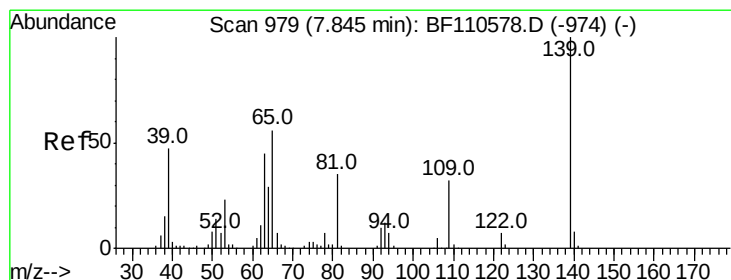
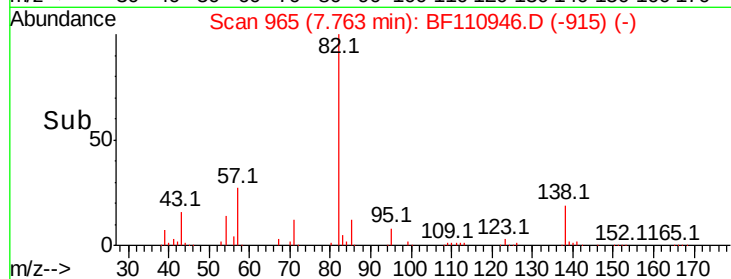
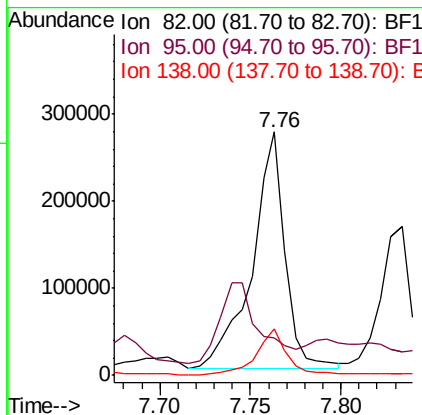
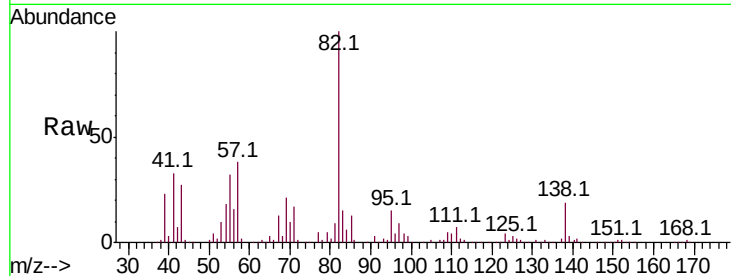
82 100

95 15.4 5.7 8.5#

138 19.1 13.2 19.8

Manual Integrations
APPROVED

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11/26/2018 3:12:01 PM



#26

2-Nitrophenol

Concen: 49.827 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

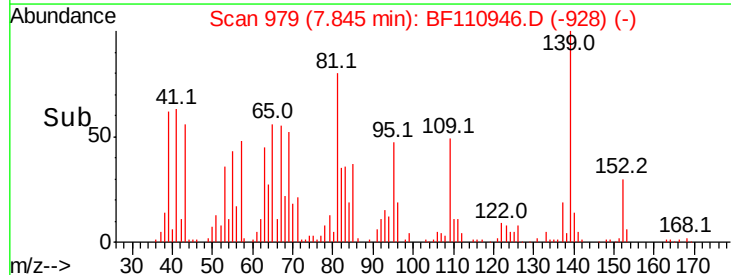
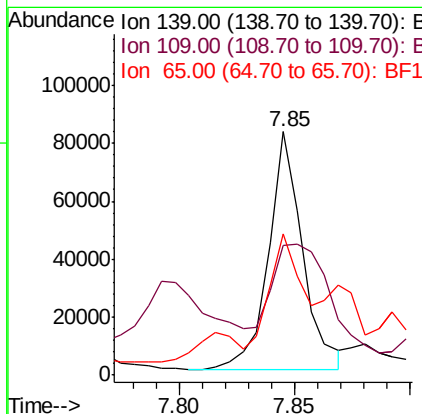
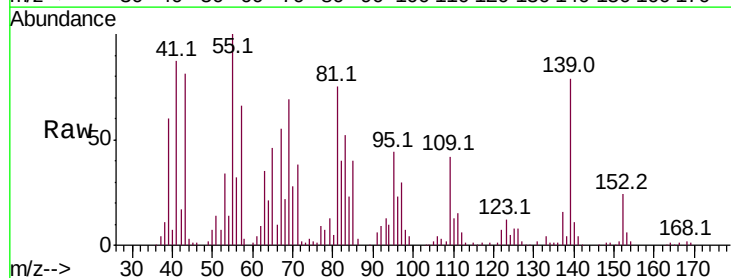
Tgt Ion: 139 Resp: 84290

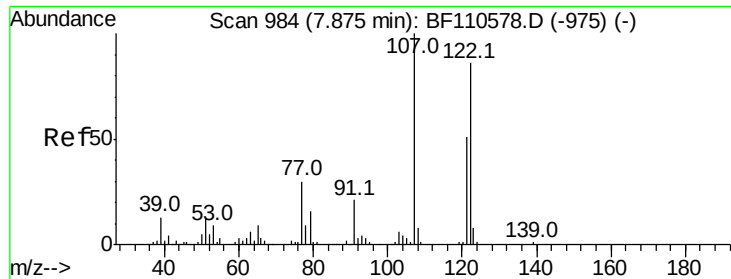
Ion Ratio Lower Upper

139 100

109 53.5 25.0 37.6#

65 58.1 44.0 66.0





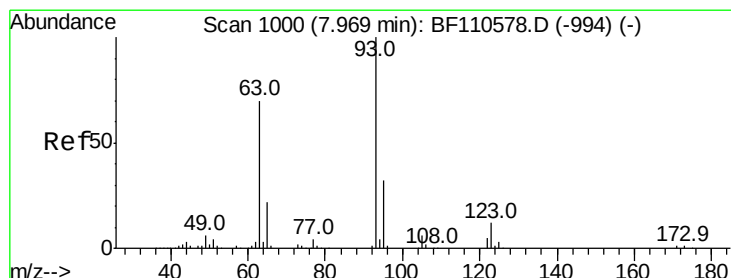
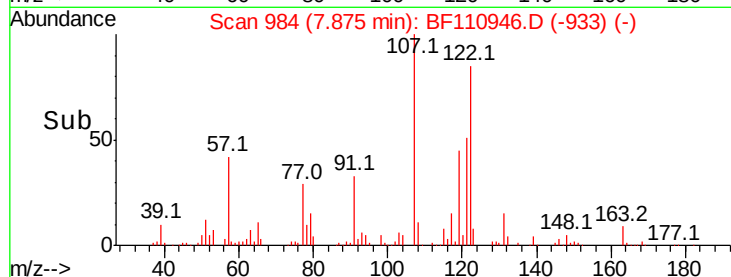
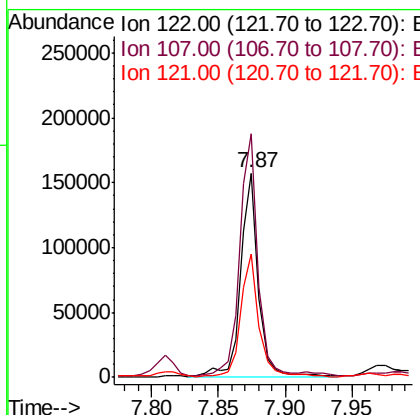
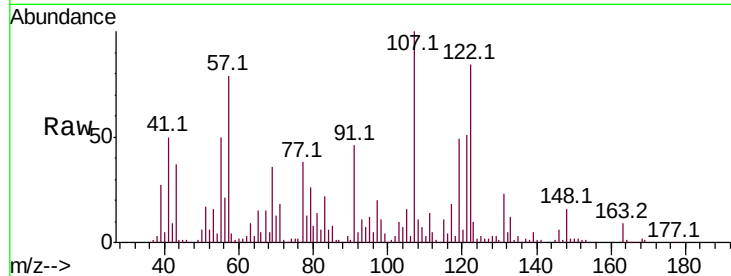
#27
2,4-Dimethylphenol
Concen: 55.698 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.3	92.5	138.7	
121	60.7	45.8	68.8	

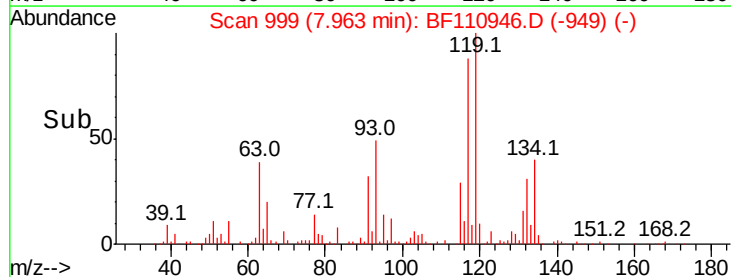
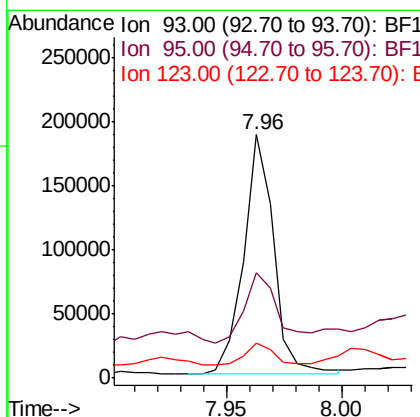
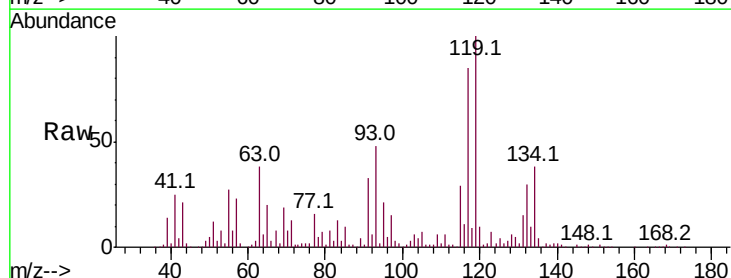
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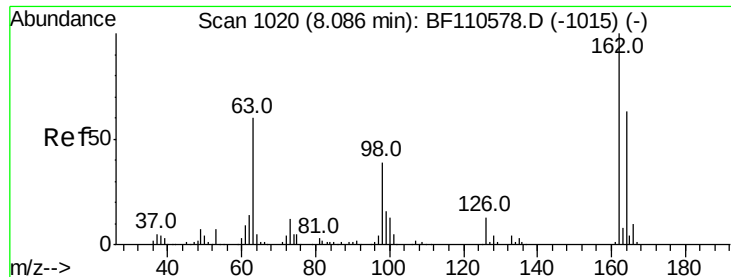
MOHAMMAD
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#28
bis(2-Chloroethoxy)methane
Concen: 46.484 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	43.2	26.4	39.6#	
123	14.5	9.0	13.6#	





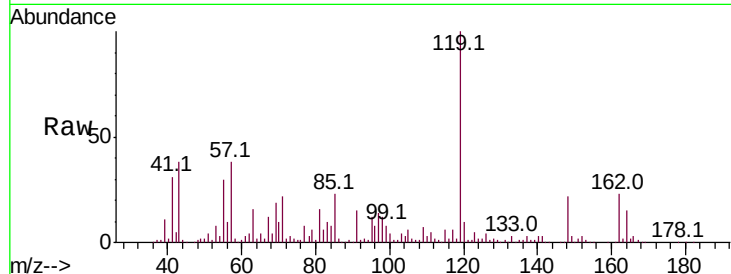
#29
 2,4-Dichlorophenol
 Concen: 47.383 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

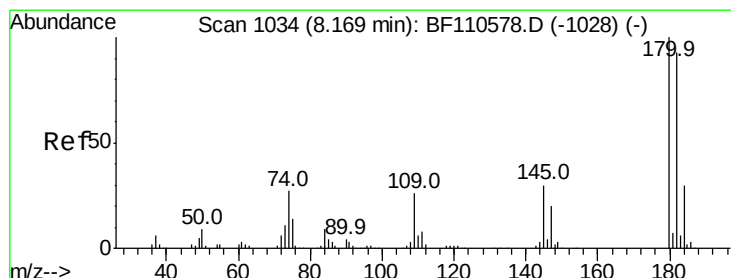
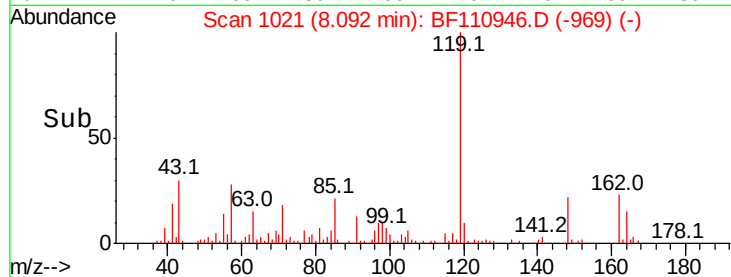
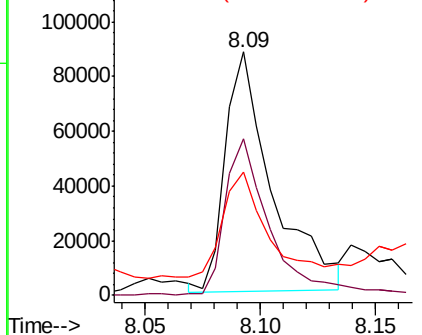
Tot Ion	Ratio	Resp	Lower	Upper
162	100	125608		
164	64.4	44.6	84.6	
98	50.7	17.4	57.4	

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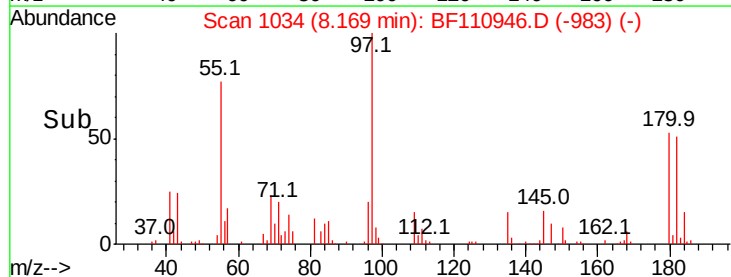
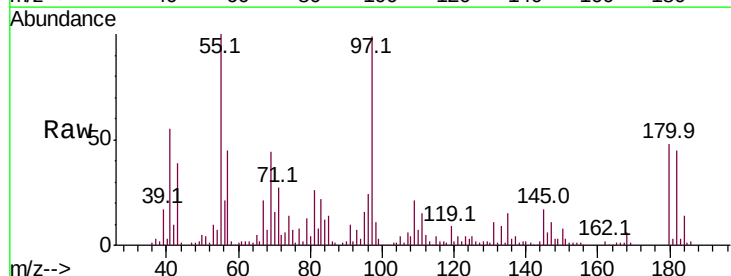
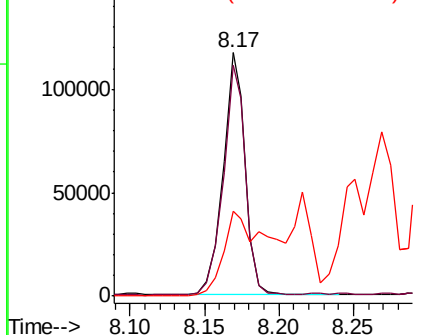
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

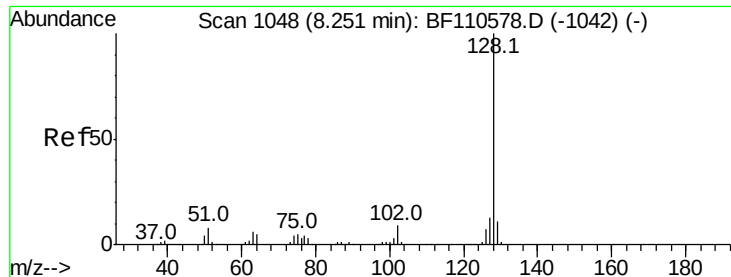


#30
 1,2,4-Trichlorobenzene
 Concen: 40.605 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	121361		
182	94.8	80.3	120.5	
145	35.1	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





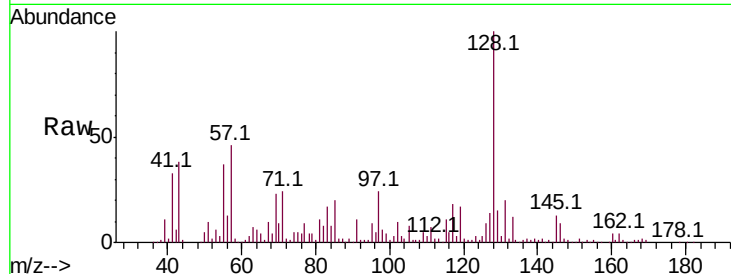
#31
Naphthalene
Concen: 51.573 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

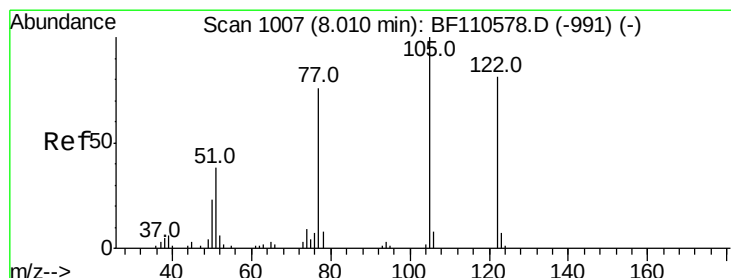
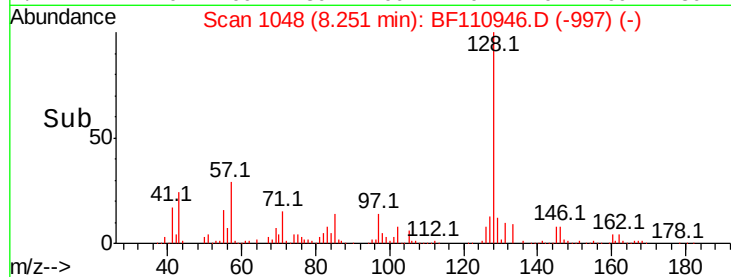
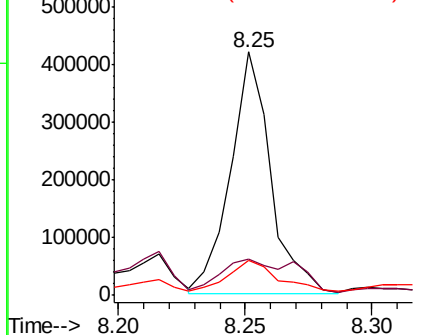
Tot Ion	Ratio	Resp	Lower	Upper
128	100	461455		
129	15.0		8.8	13.2#
127	14.4		10.8	16.2

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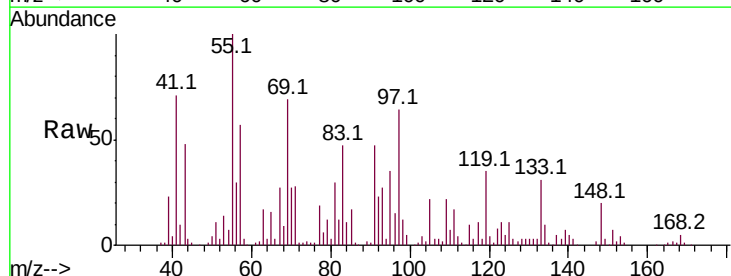


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

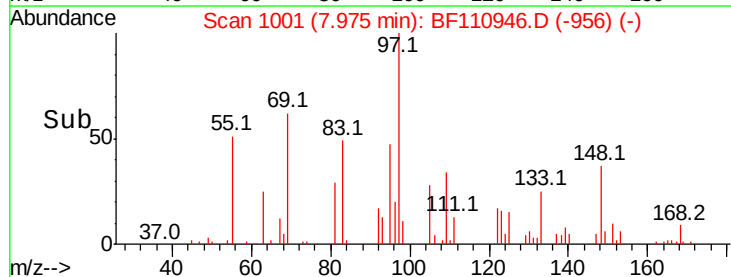
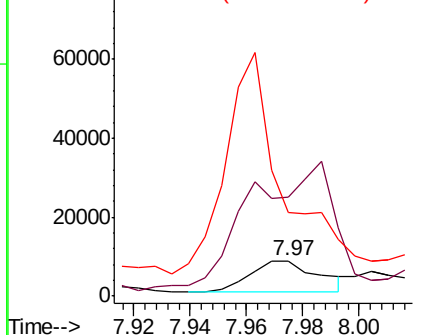


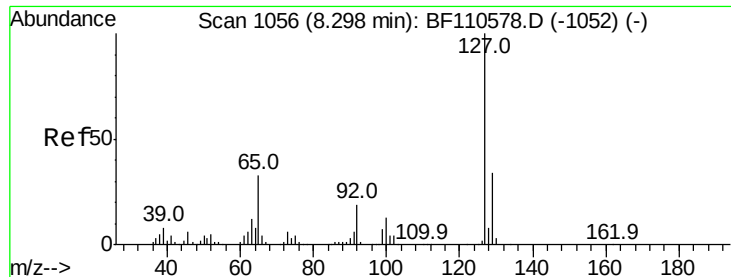
#32
Benzoic acid
Concen: 7.322 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13346		
105	277.9		109.0	149.0#
77	235.8		79.0	119.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





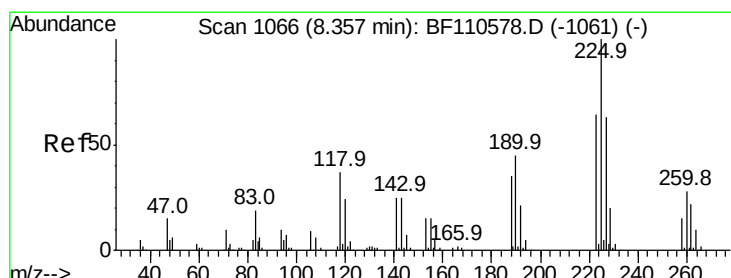
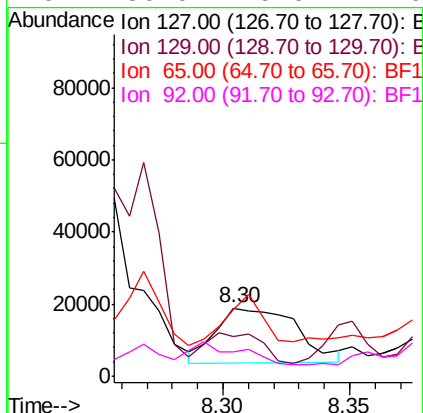
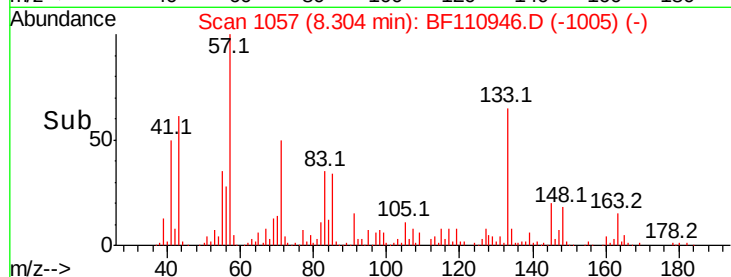
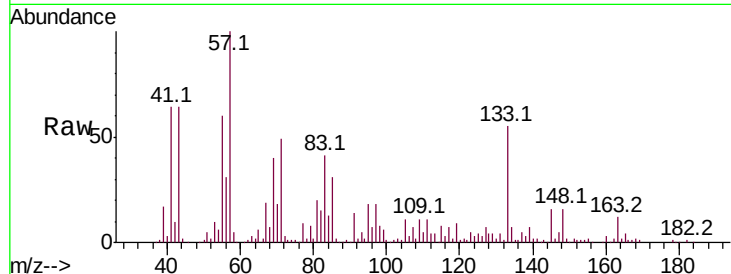
#33
4-Chloroaniline
Concen: 8.296 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	57.7	26.0	39.0#
65	97.6	25.1	37.7#
92	36.0	15.0	22.6#

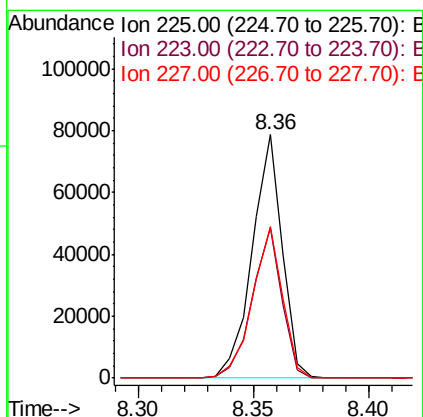
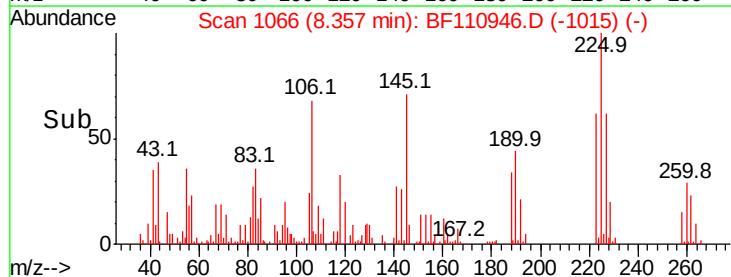
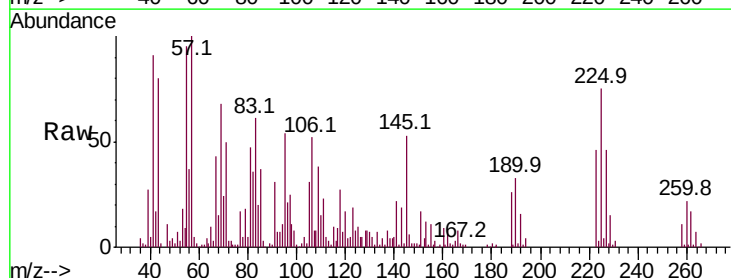
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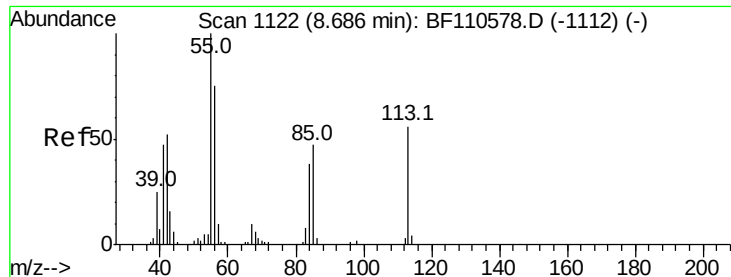
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#34
Hexachlorobutadiene
Concen: 41.758 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.4	77.2
227	62.3	51.0	76.6





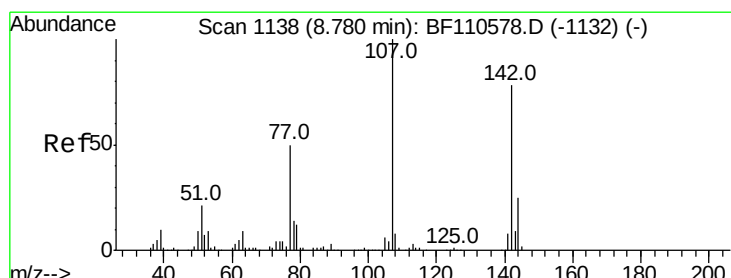
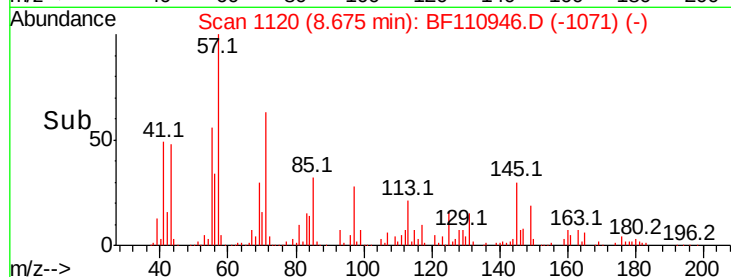
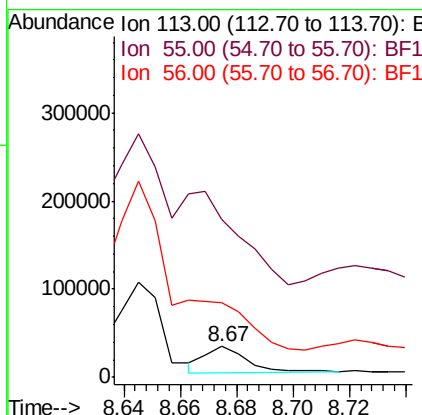
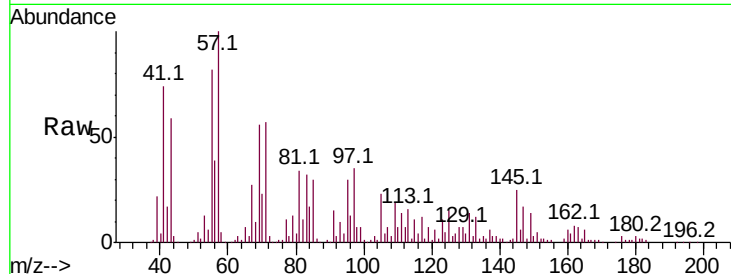
#35
 Caprolactam
 Concen: 34.917 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Tot Ion:113 Resp: 30925
 Ion Ratio Lower Upper
 113 100
 55 517.3 142.8 182.8#
 56 244.3 105.0 145.0#

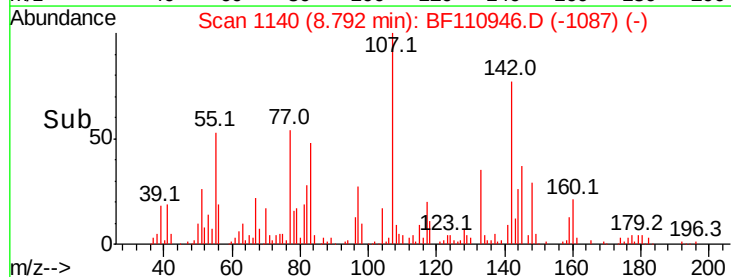
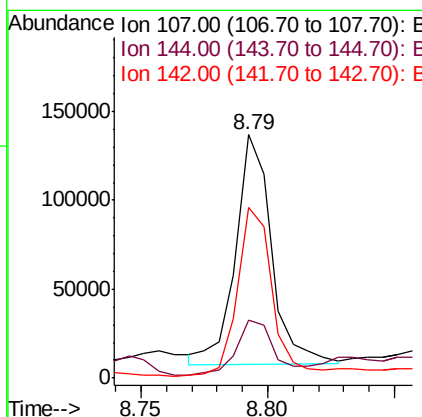
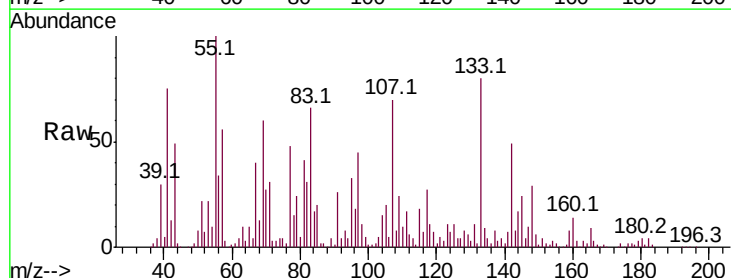
Manual Integrations
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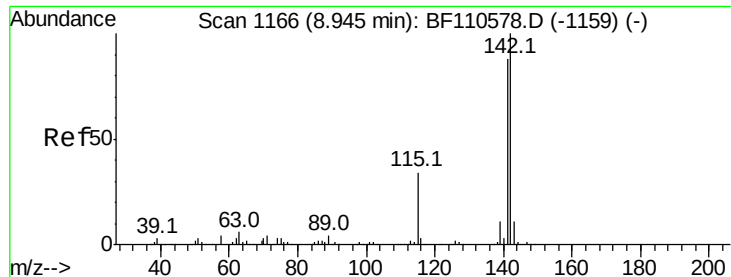
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#36
 4-Chloro-3-methylphenol
 Concen: 44.341 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion:107 Resp: 126769
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.0 30.0
 142 70.2 59.7 89.5





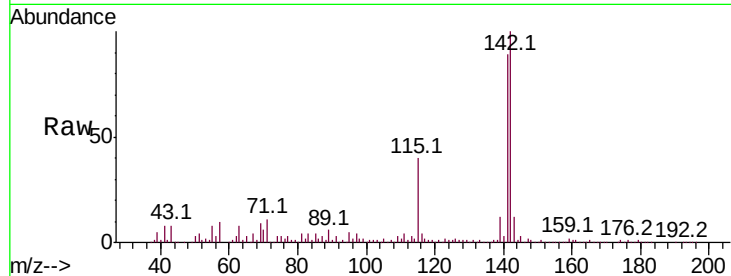
#37
2-Methylnaphthalene
Concen: 360.664 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

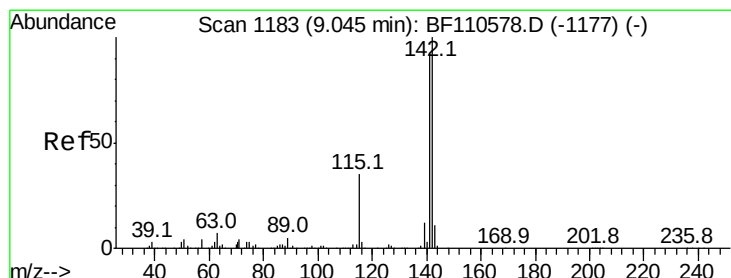
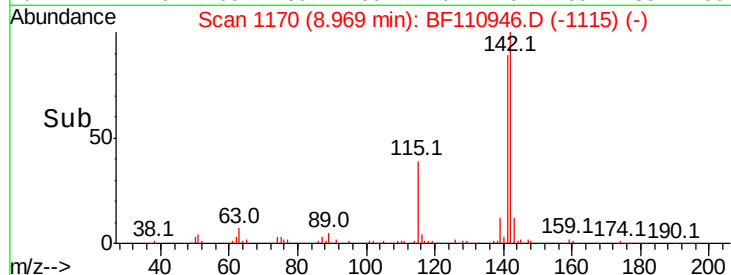
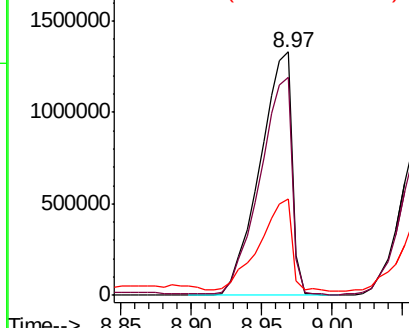
Tot Ion:142 Resp: 2115502
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 39.8 28.7 43.1

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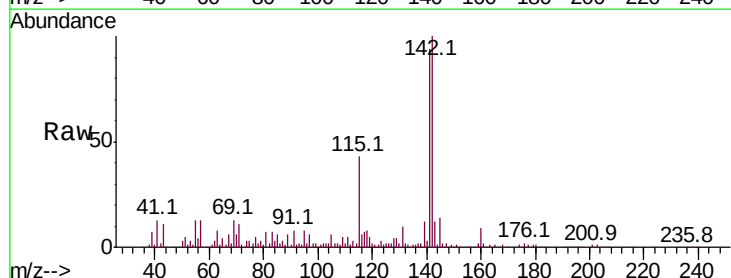


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

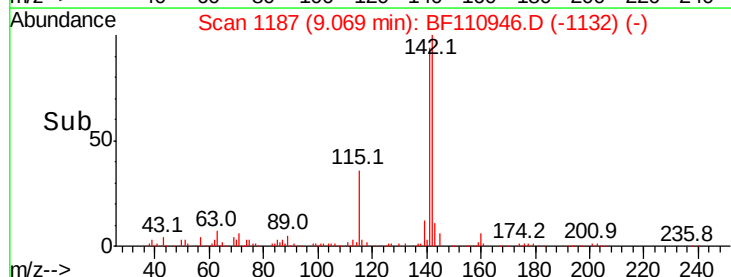
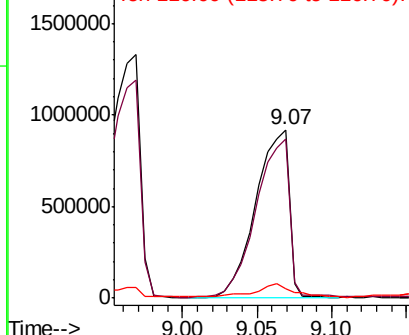


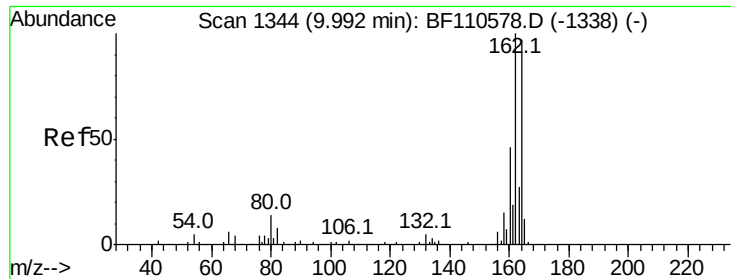
#38
1-Methylnaphthalene
Concen: 249.762 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:142 Resp: 1408906
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.4
116 5.7 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: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

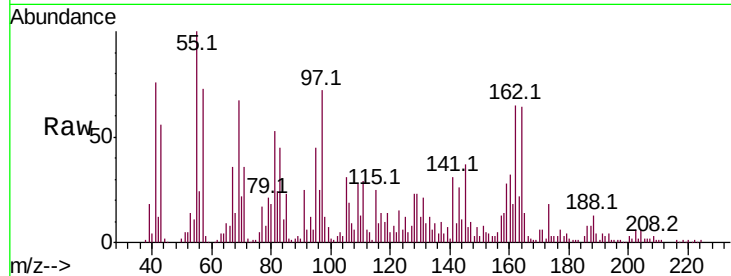
ClientSampleId :

NON-UST-03R-AMSD

Tot Ion:	164	Resp:	91767
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.0	124.6
160	50.4	37.0	55.6

Manual Integrations
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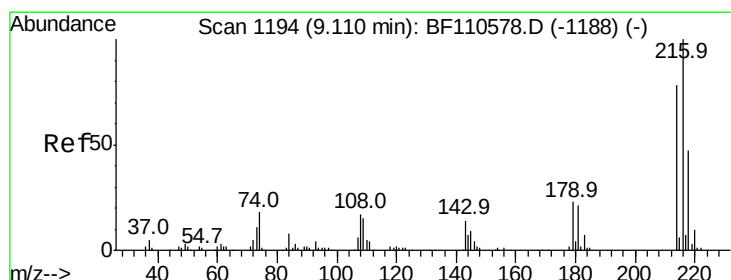
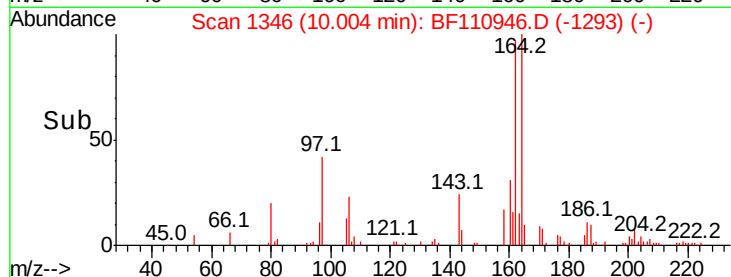
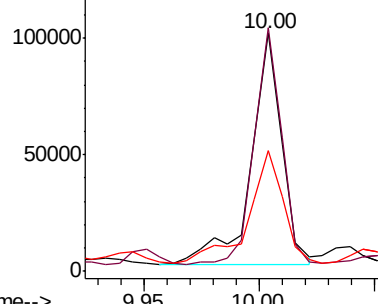


Abundance

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: 33.392 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Tgt Ion:	216	Resp:	96998
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.8	95.6
179	30.7	16.6	25.0#
108	23.8	15.1	22.7#

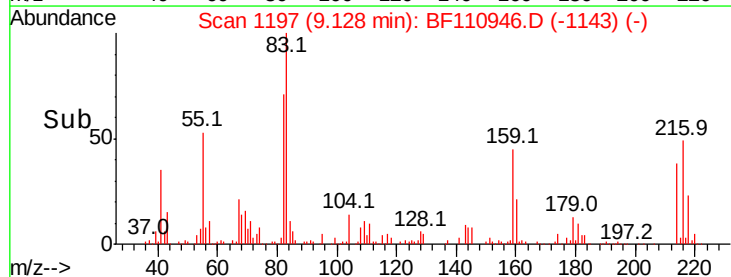
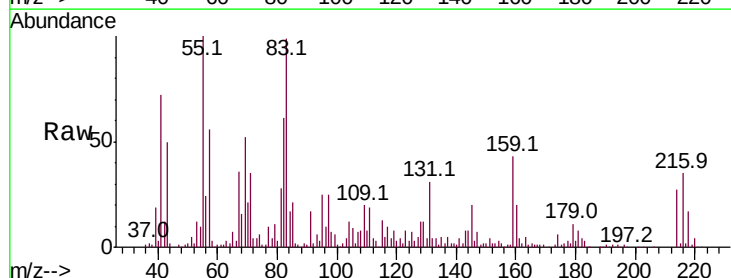
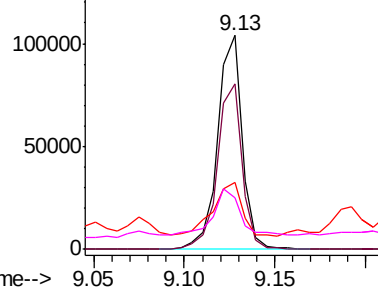
Abundance

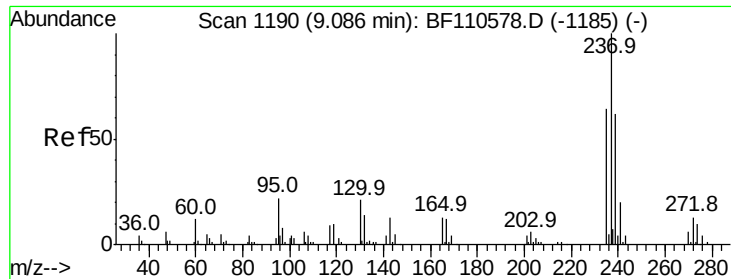
Ion 216.00 (215.70 to 216.70): E

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





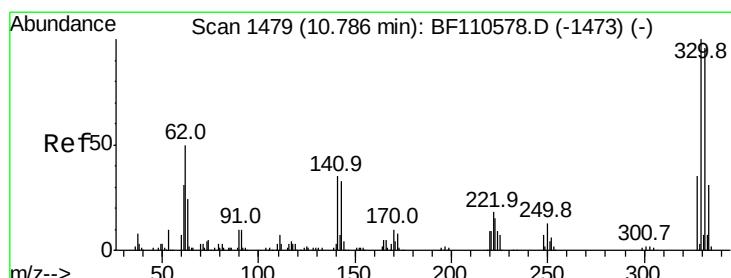
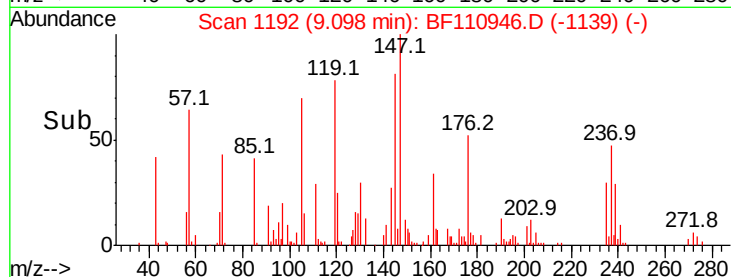
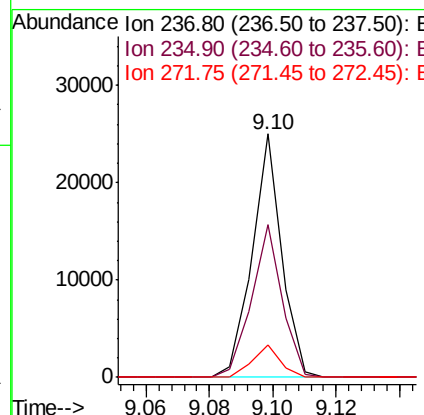
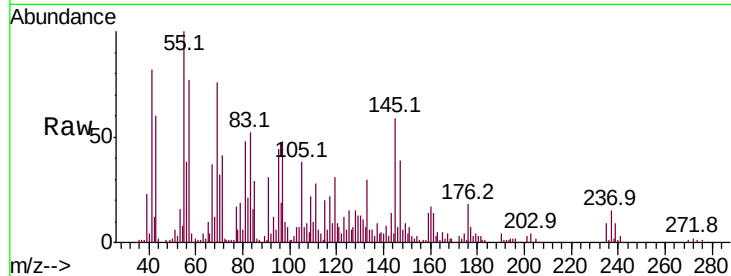
#41
Hexachlorocyclopentadiene
Concen: 20.528 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.1	83.1
272	13.2	0.0	32.6

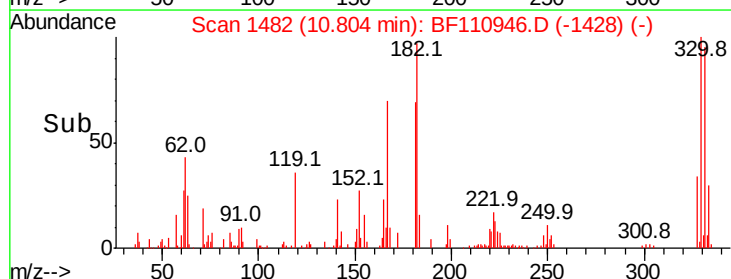
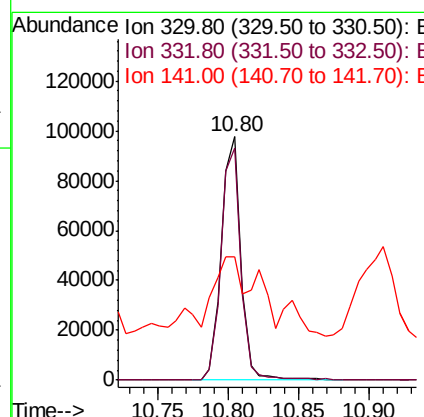
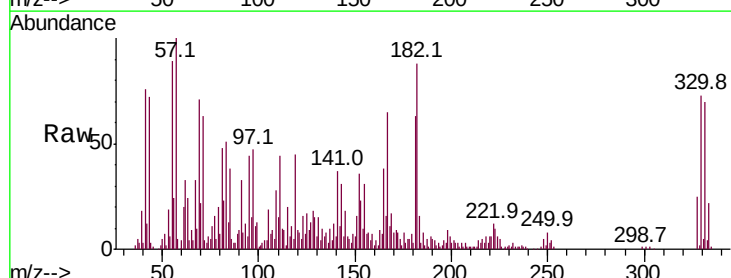
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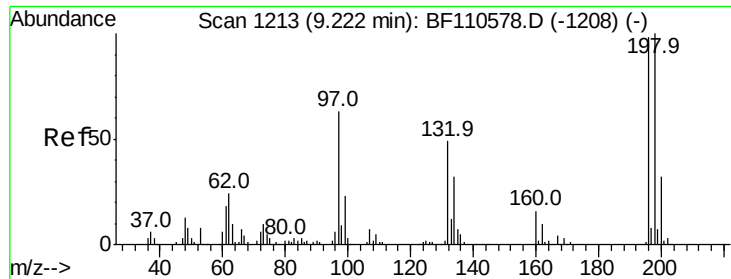
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#42
2,4,6-Tribromophenol
Concen: 101.663 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	77.1	115.7
141	58.4	27.0	40.4#





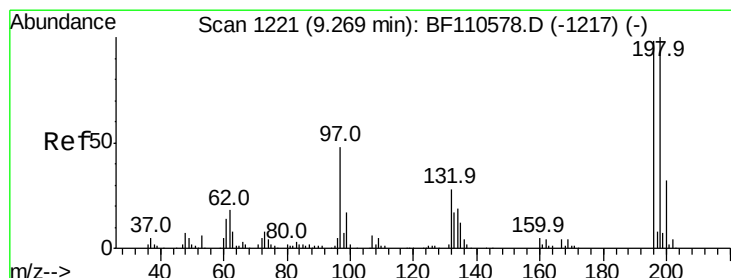
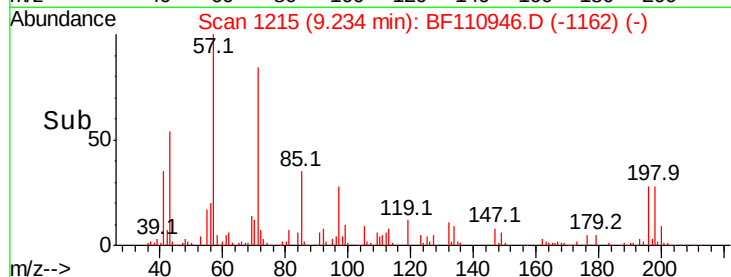
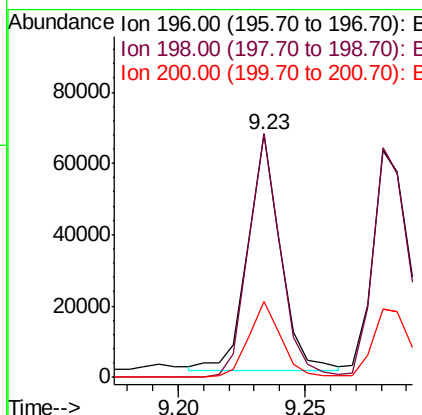
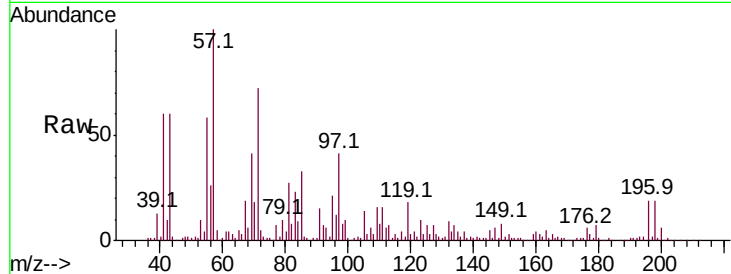
#43
 2,4,6-Trichlorophenol
 Concen: 33.071 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	60366		
198	100.0	76.2	114.4	
200	31.1	24.4	36.6	

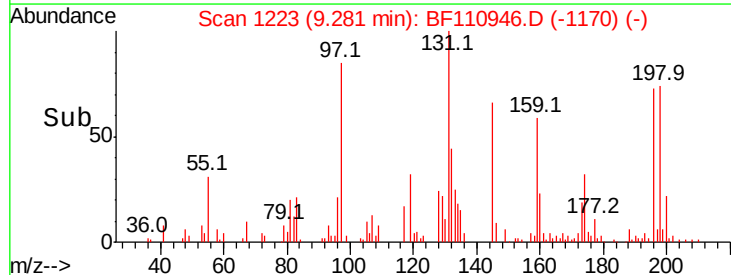
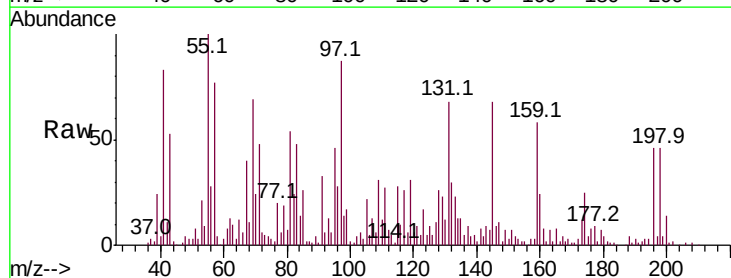
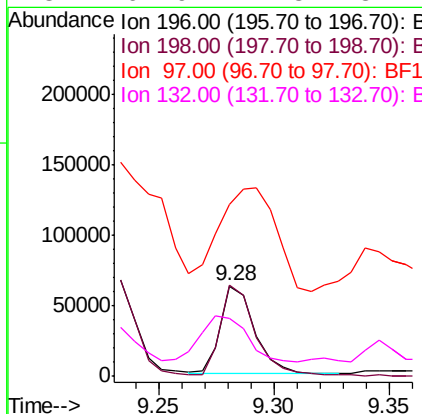
Manual Integrations
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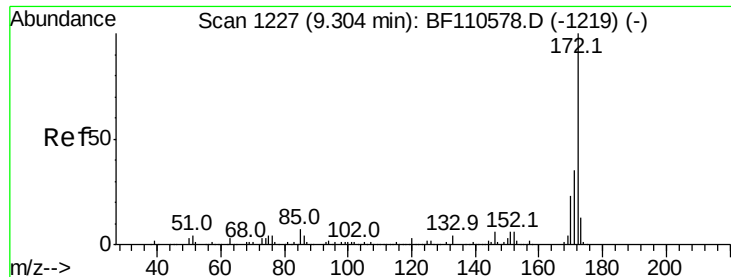
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#44
 2,4,5-Trichlorophenol
 Concen: 32.804 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63872		
198	101.6	75.8	113.6	
97	191.1	42.4	63.6#	
132	64.9	22.8	34.2#	





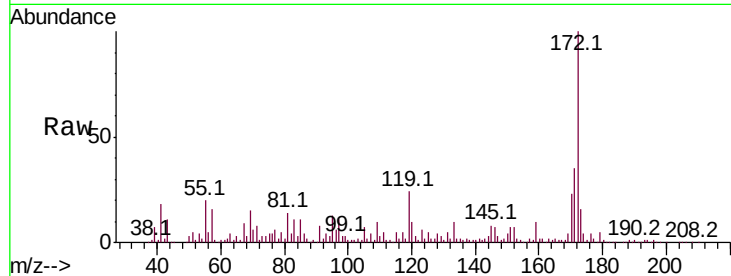
#45
2-Fluorobiphenyl
Concen: 80.174 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

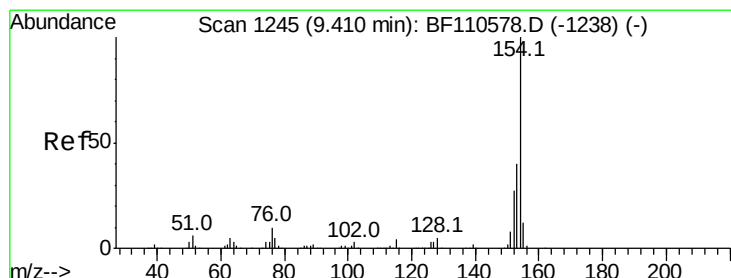
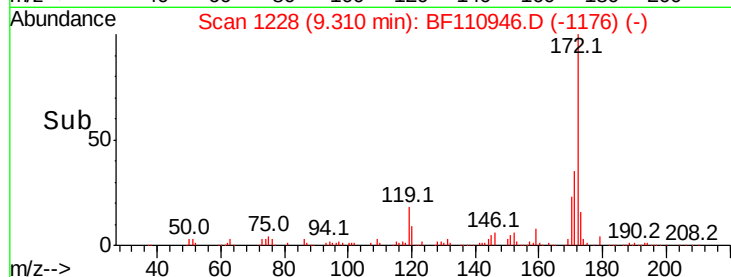
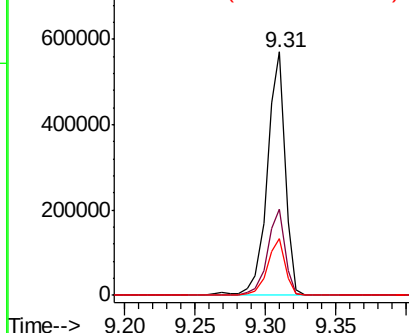
Tot Ion	Ratio	Resp	Lower	Upper
172	100	515153		
171	35.2	28.6	43.0	
170	23.5	19.7	29.5	

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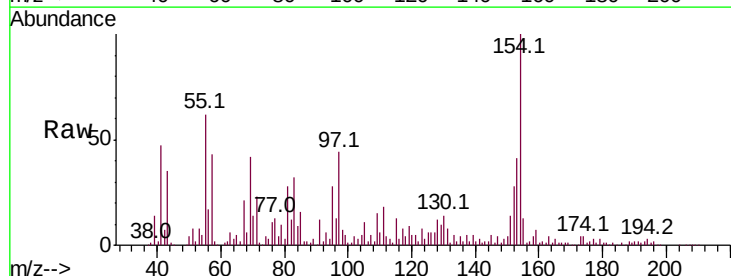


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

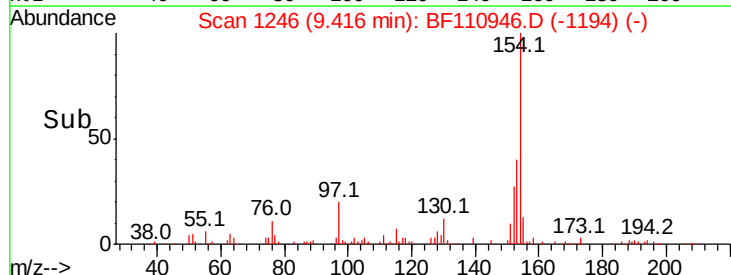
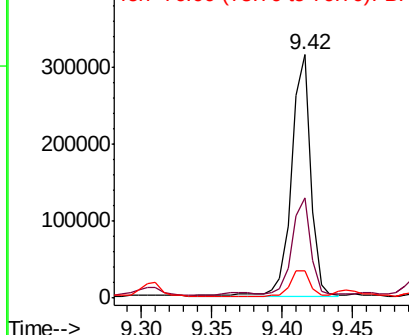


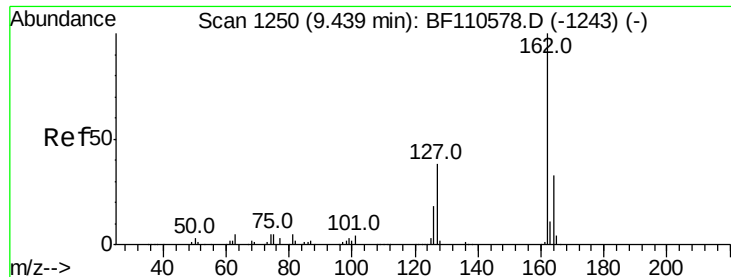
#46
1,1'-Biphenyl
Concen: 34.576 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	295986		
153	41.3	20.4	60.4	
76	11.2	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





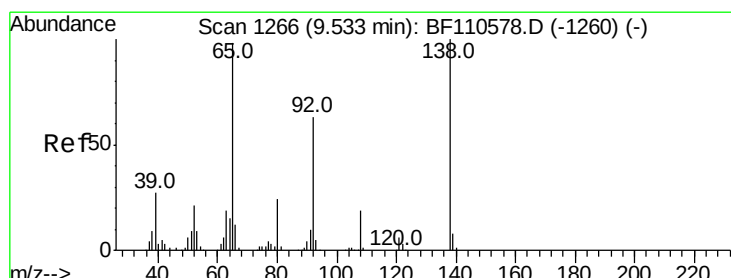
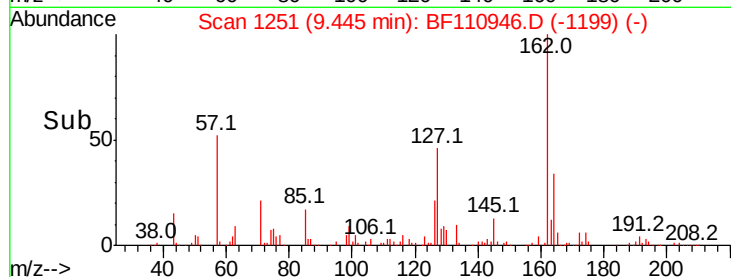
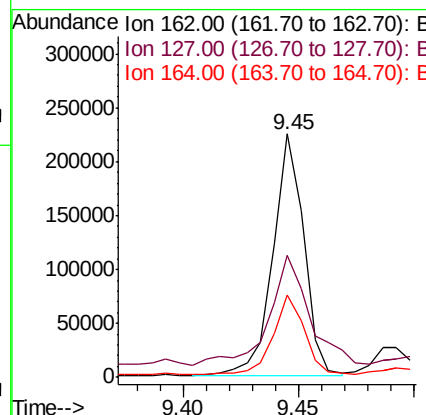
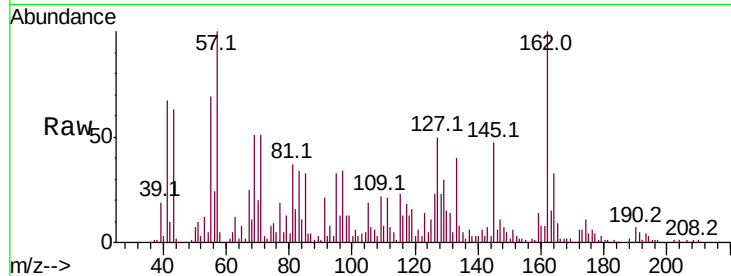
#47
2-Chloronaphthalene
Concen: 33.870 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	50.2	32.6	48.8#
164	33.6	25.9	38.9

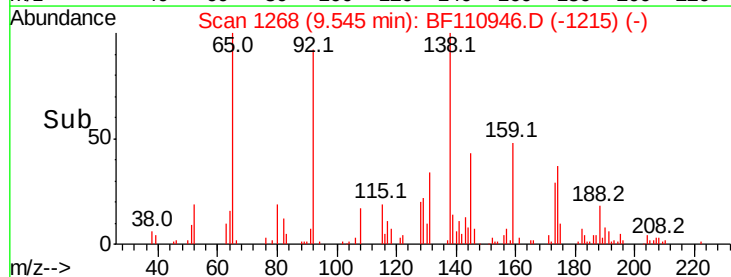
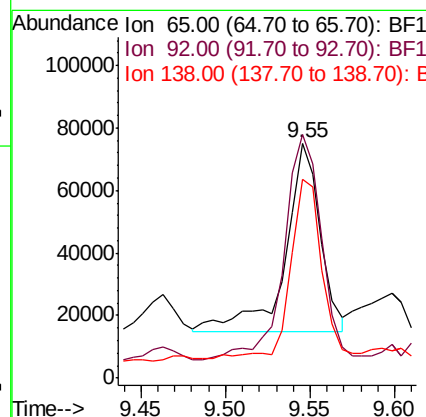
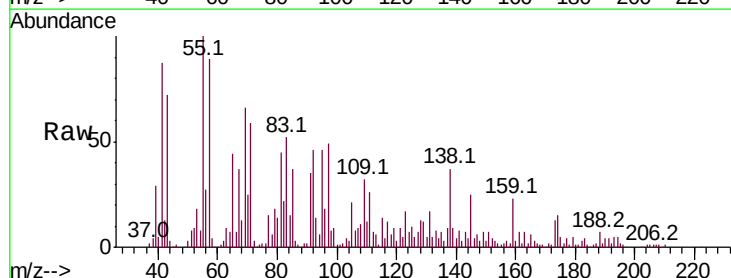
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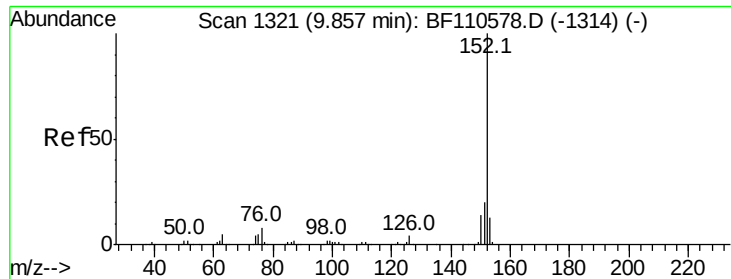
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#48
2-Nitroaniline
Concen: 45.813 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	103.6	54.6	81.8#
138	84.4	80.3	120.5





#49

Acenaphthylene

Concen: 39.730 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

Tot Ion:152 Resp: 352870
Ion Ratio Lower Upper

152 100

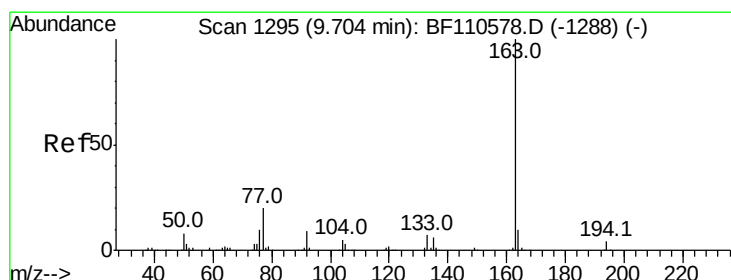
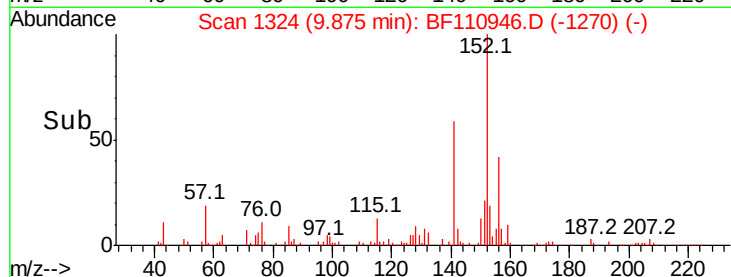
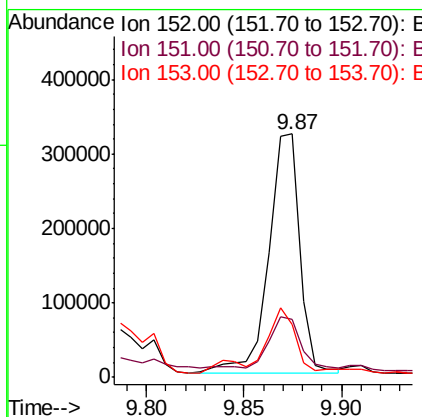
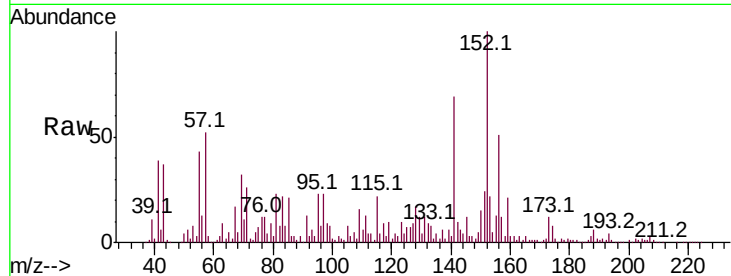
151 23.9 15.8 23.8#

153 21.6 10.4 15.6#

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#50

Dimethylphthalate

Concen: 27.170 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF110946.D

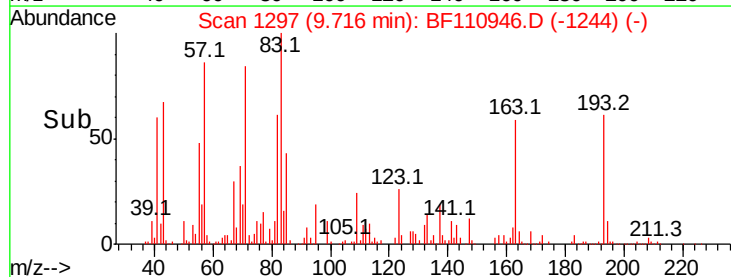
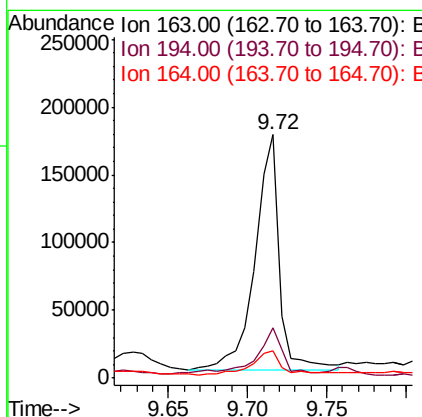
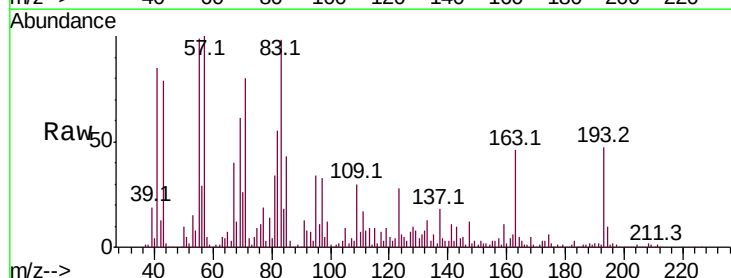
Acq: 23 Nov 2018 16:13

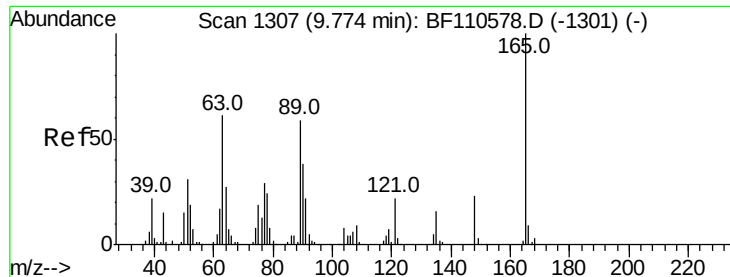
Tgt Ion:163 Resp: 186042
Ion Ratio Lower Upper

163 100

194 20.9 3.2 4.8#

164 11.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 34.959 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMSD

Tot Ion:165 Resp: 52659

Ion Ratio Lower Upper

165 100

63 109.6 48.9 73.3#

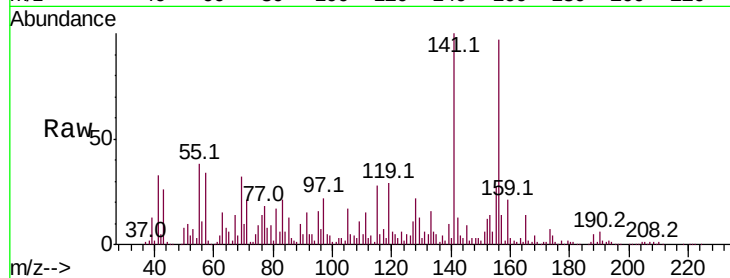
89 70.4 46.6 69.8#

Manual Integrations

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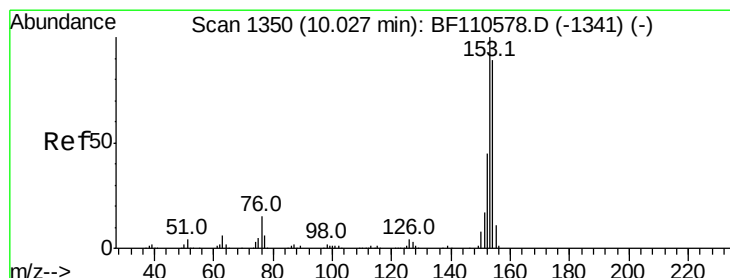
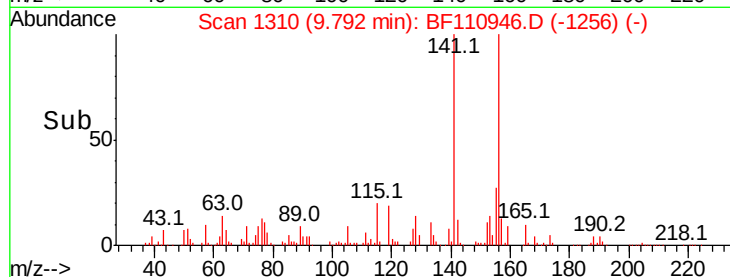
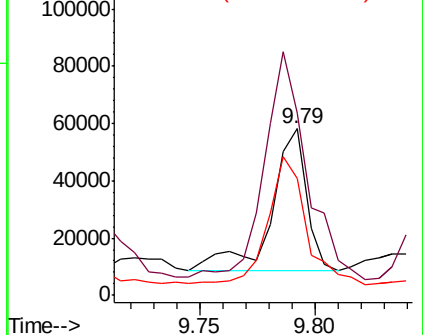
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.663 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

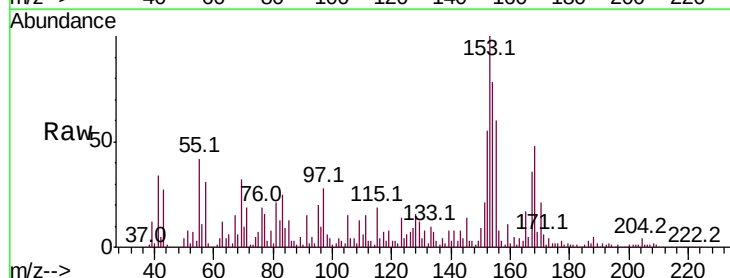
Tgt Ion:154 Resp: 273143

Ion Ratio Lower Upper

154 100

153 128.3 90.1 135.1

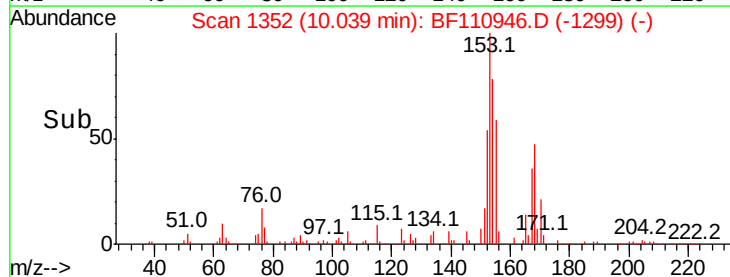
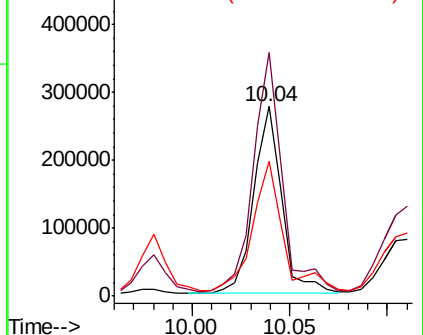
152 70.8 43.4 65.2#

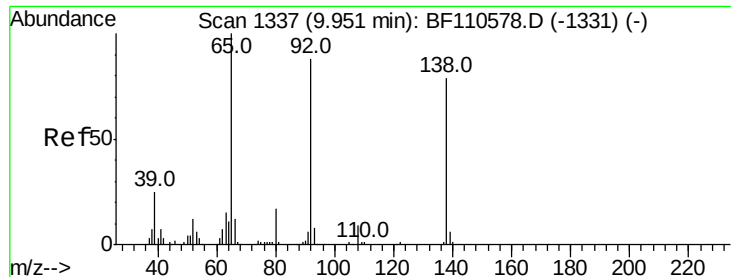


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





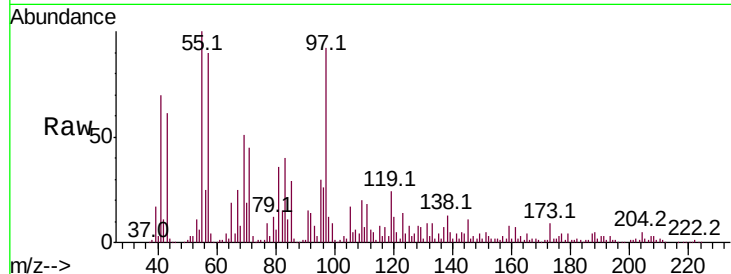
#53
3-Nitroaniline
Concen: 22.753 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

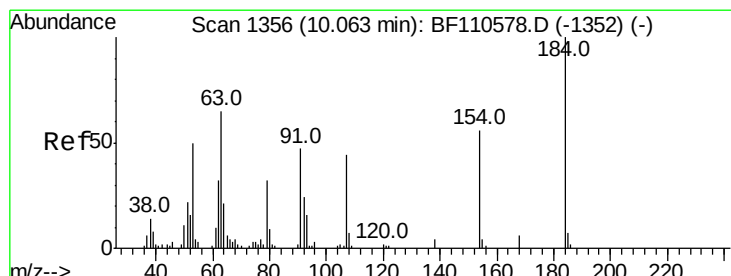
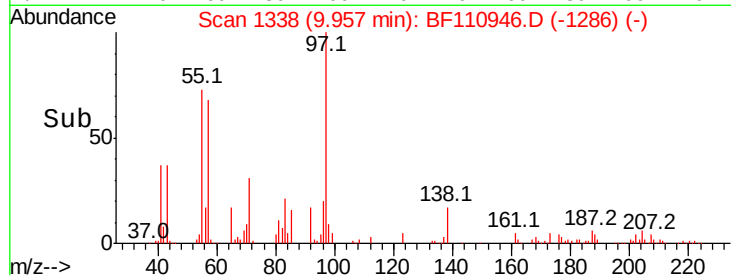
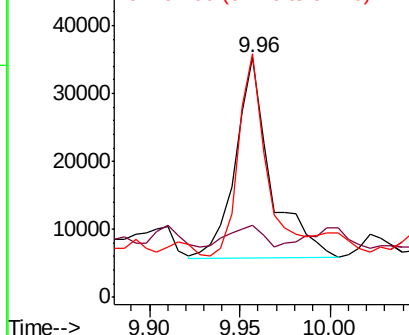
Tot Ion:138 Resp: 39706
Ion Ratio Lower Upper
138 100
108 30.3 8.7 13.1#
92 101.6 97.0 145.4

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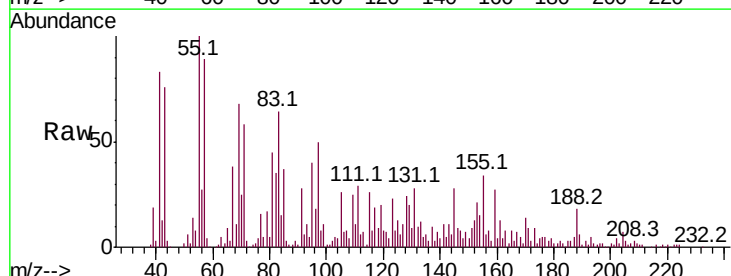


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

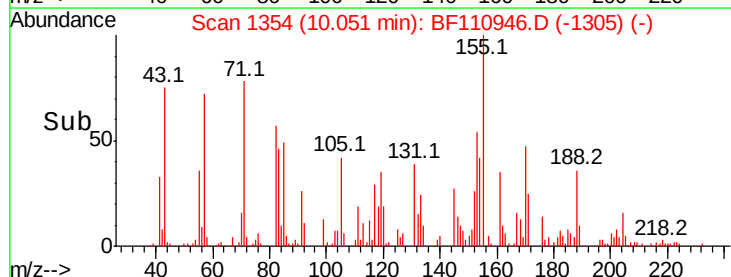
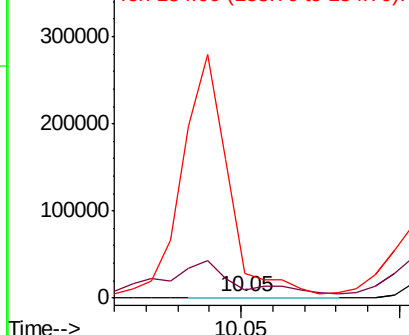


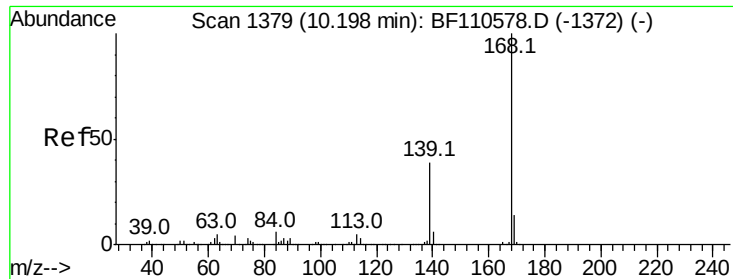
#54
2,4-Dinitrophenol
Concen: 7.031 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:184 Resp: 1485
Ion Ratio Lower Upper
184 100
63 1197.2 55.8 83.6#
154 3374.2 63.2 94.8#



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





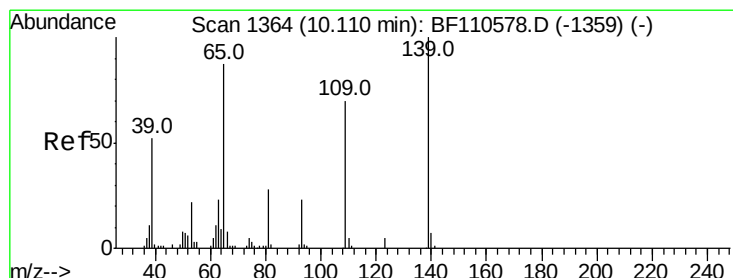
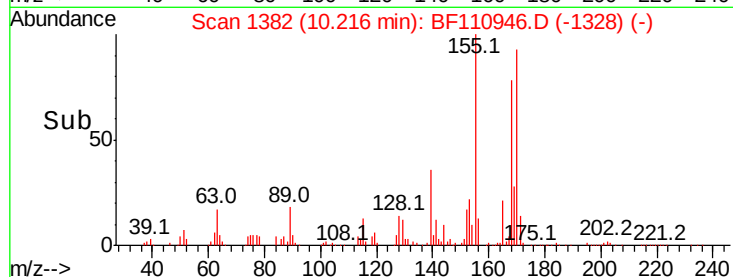
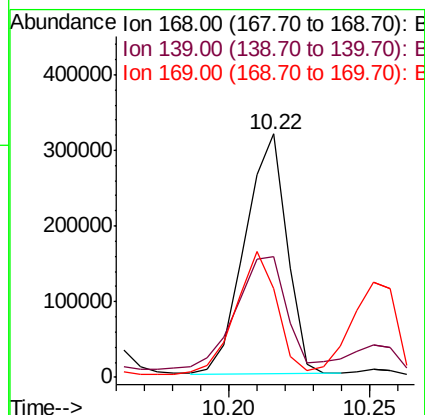
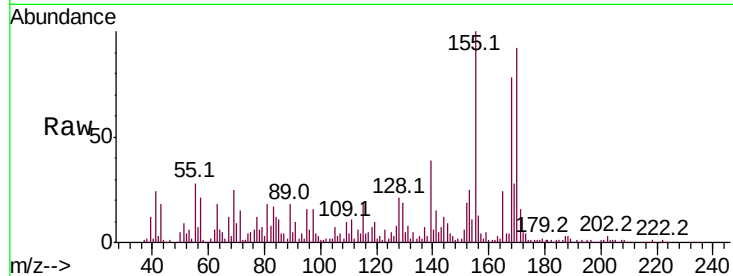
#55
Dibenzofuran
Concen: 39.725 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	49.5	33.0	49.6
169	36.3	11.3	16.9

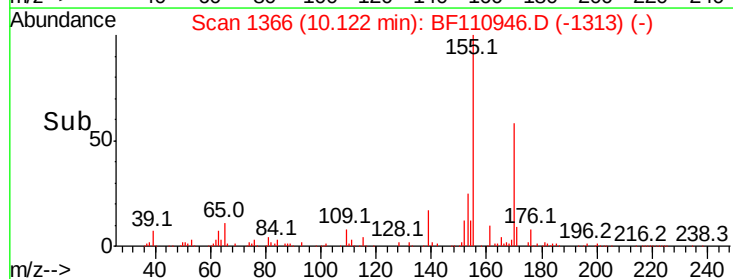
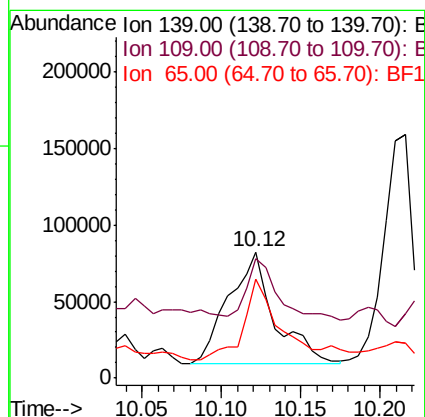
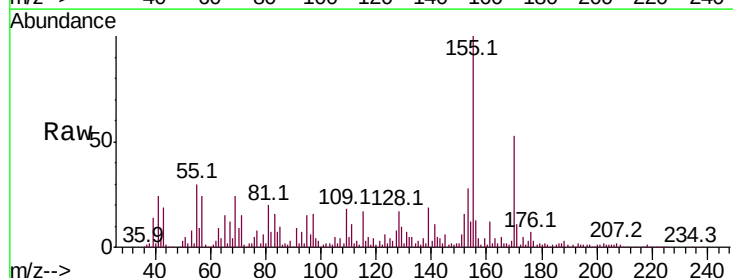
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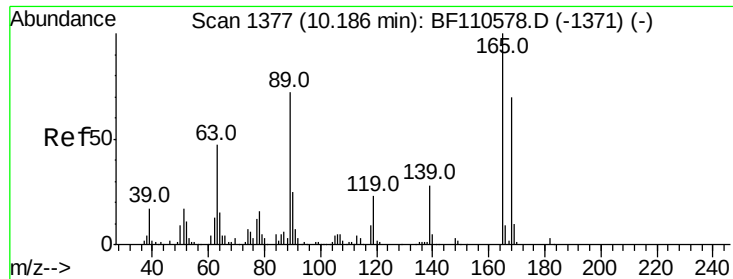
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#56
4-Nitrophenol
Concen: 126.661 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.2	55.8	95.8
65	78.7	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 48.133 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.03 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

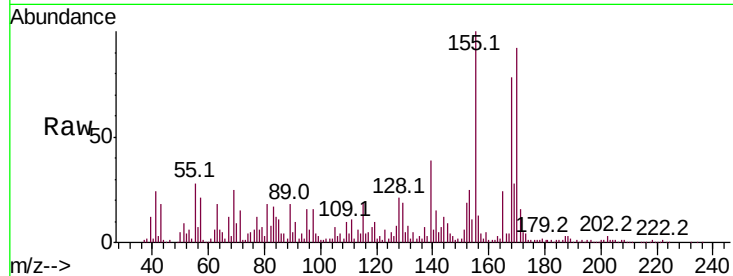
ClientSampleId :

NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	73.6	44.8	67.2#
89	76.2	62.2	93.4
182	3.1	2.1	3.1

Manual Integrations
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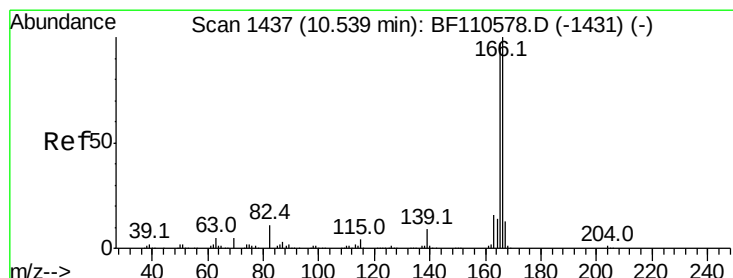
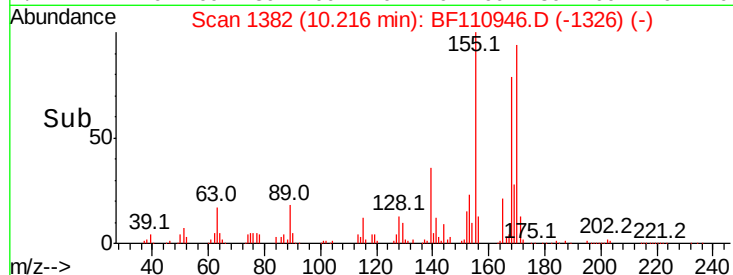
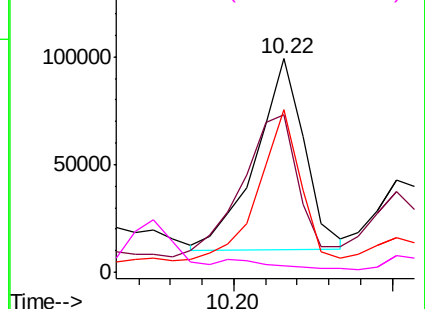


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 60.370 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.02 min

Lab File: BF110946.D

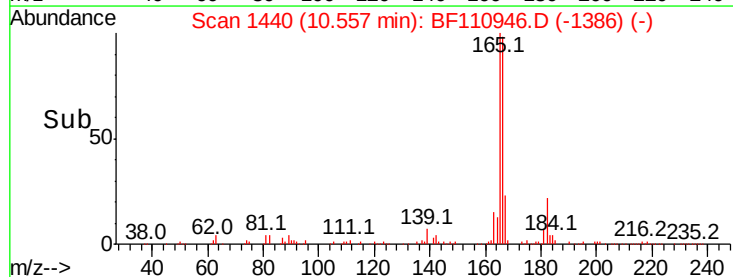
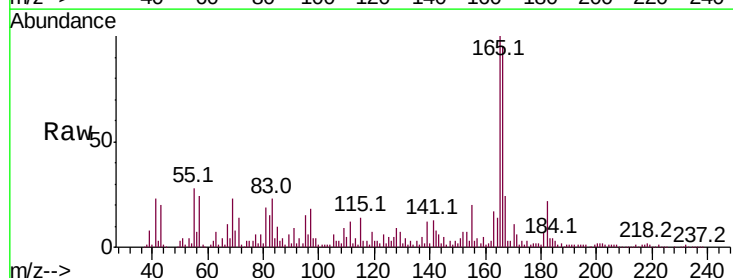
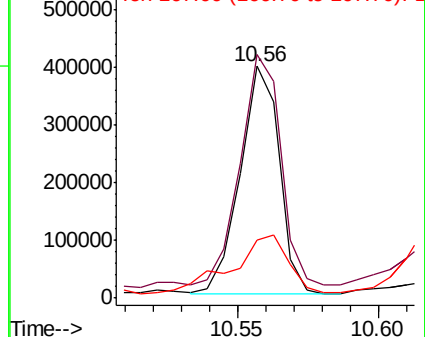
Acq: 23 Nov 2018 16:13

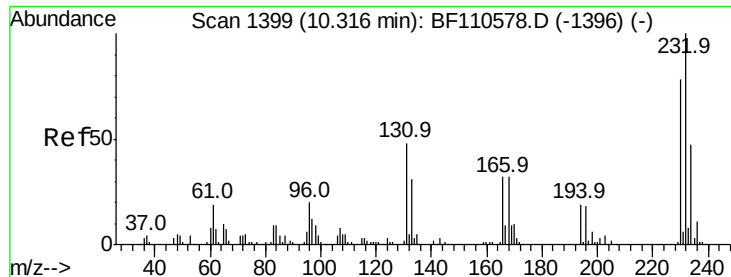
Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.1	78.6	117.8
167	25.2	10.8	16.2#

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





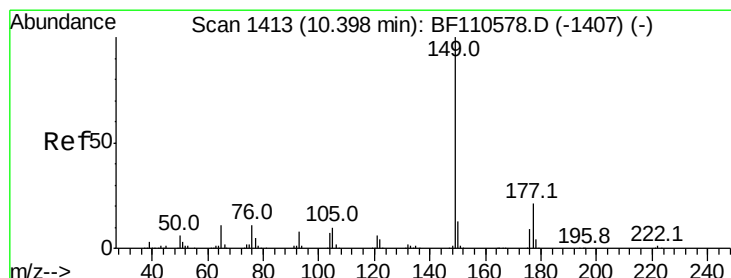
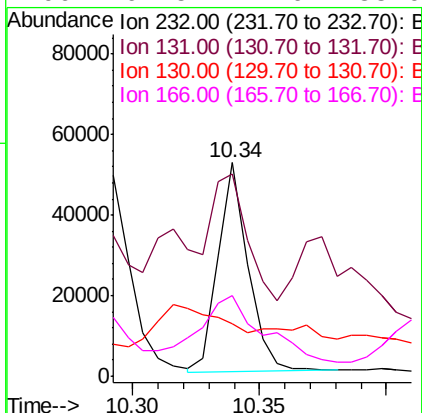
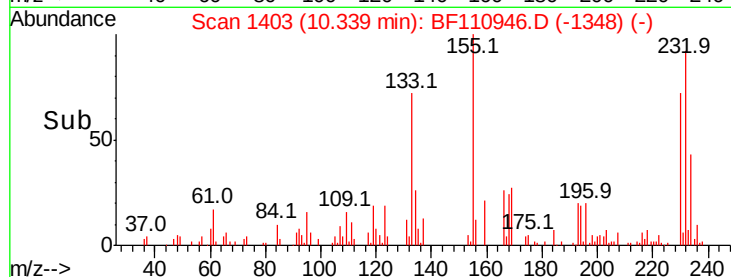
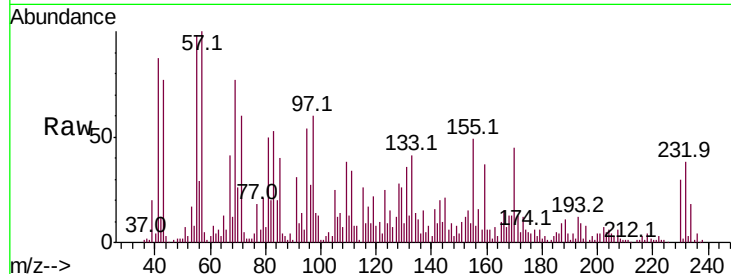
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.892 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	81.0	37.0	55.4#
130	0.0	1.8	2.6#
166	67.5	22.0	33.0#

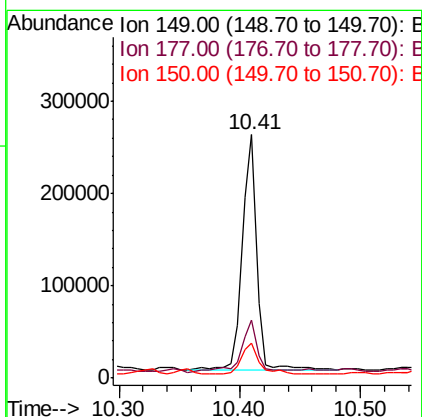
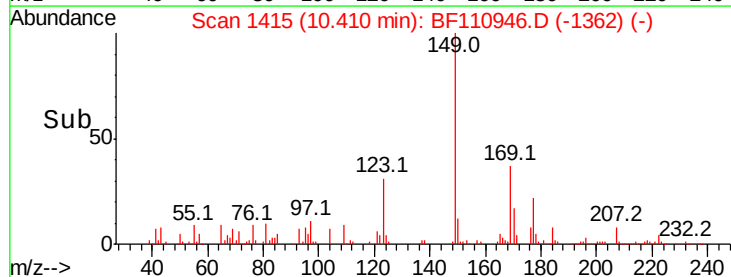
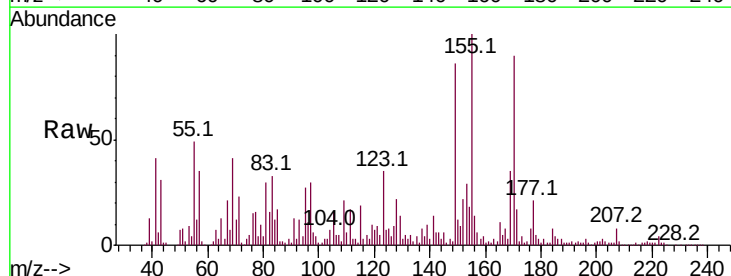
Manual Integrations
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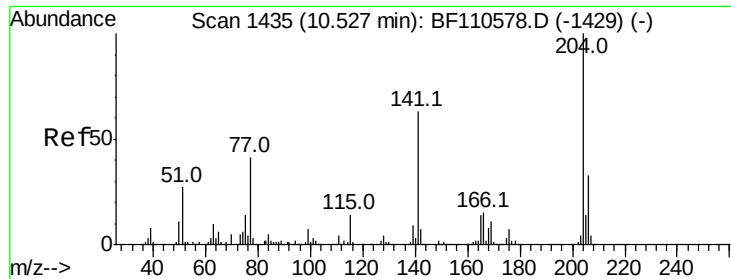
MOHAMMAD
11/26/2018 3:12:01 PM



#60
Diethylphthalate
Concen: 32.268 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	17.4	26.2
150	14.3	9.8	14.8





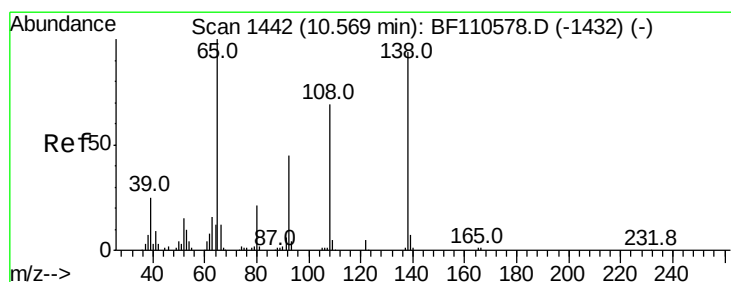
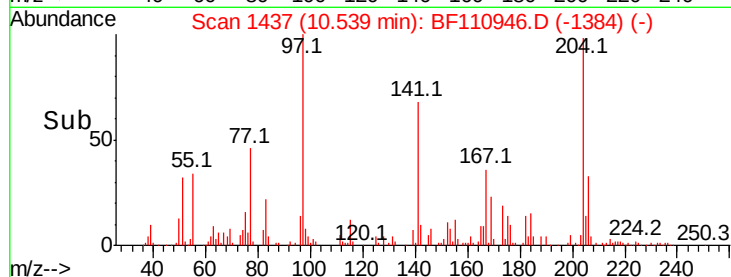
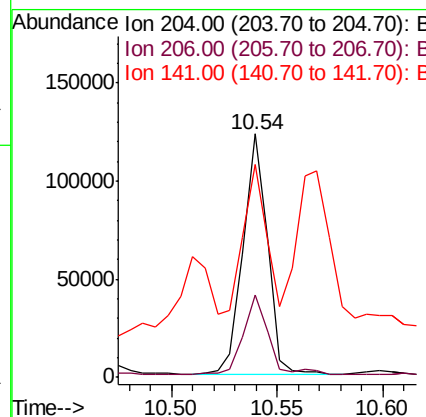
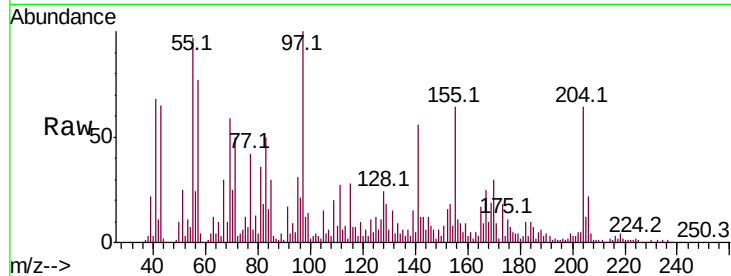
#61
4-Chlorophenyl-phenylether
Concen: 29.861 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion:204 Resp: 97526
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 87.3 51.8 77.8#

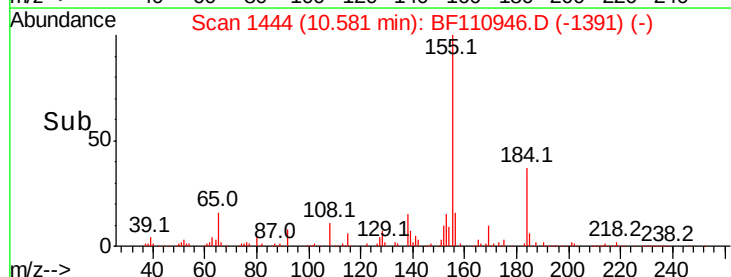
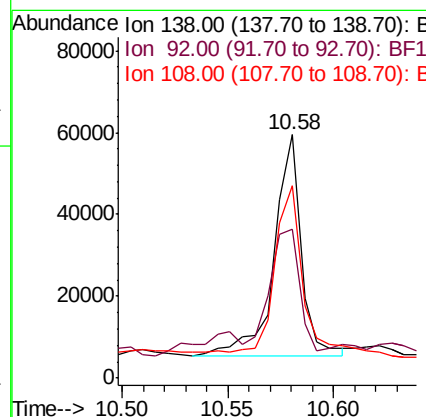
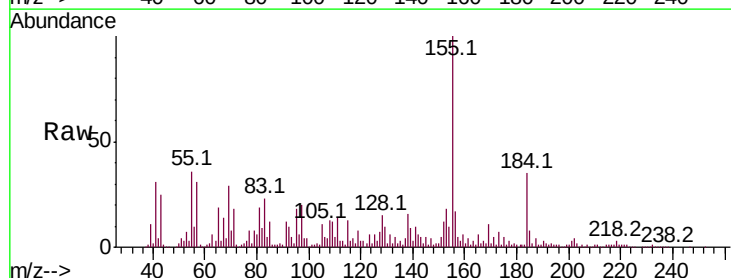
Manual Integrations
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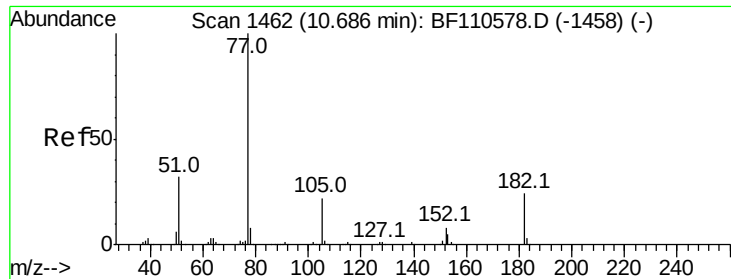
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11/26/2018 3:12:01 PM



#62
4-Nitroaniline
Concen: 27.379 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion:138 Resp: 48114
Ion Ratio Lower Upper
138 100
92 61.0 31.7 71.7
108 78.9 59.3 99.3





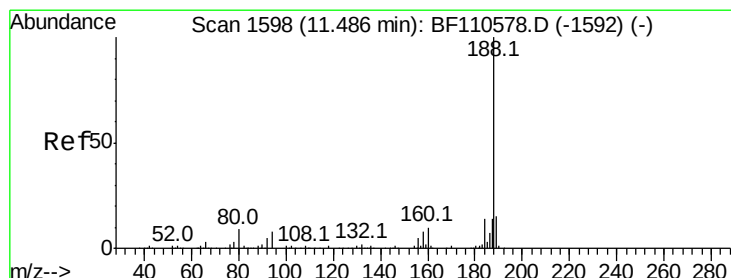
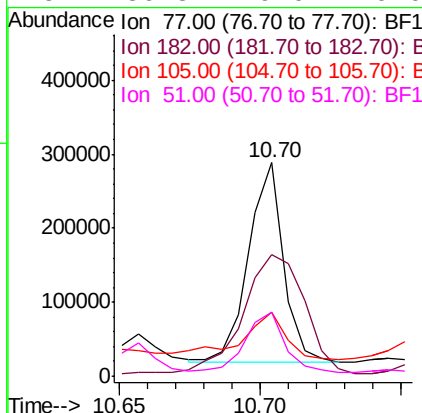
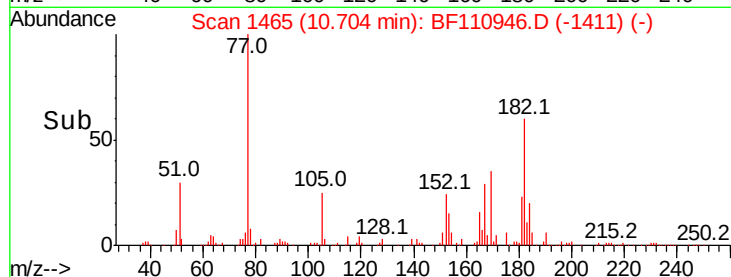
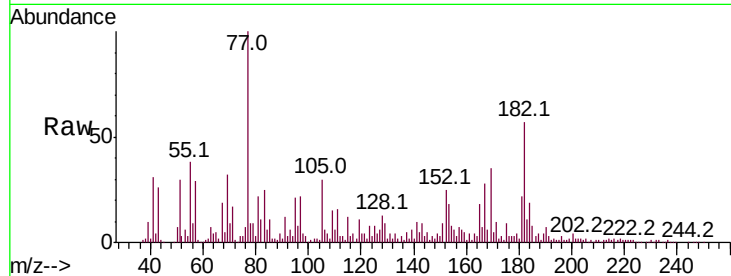
#63
Azobenzene
Concen: 34.993 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	77	Resp	231278
Ion Ratio	Lower	Upper	
77	100		
182	56.9	4.3	44.3#
105	30.1	1.3	41.3
51	30.3	9.0	49.0

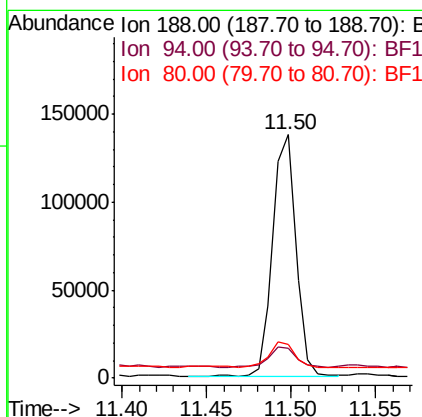
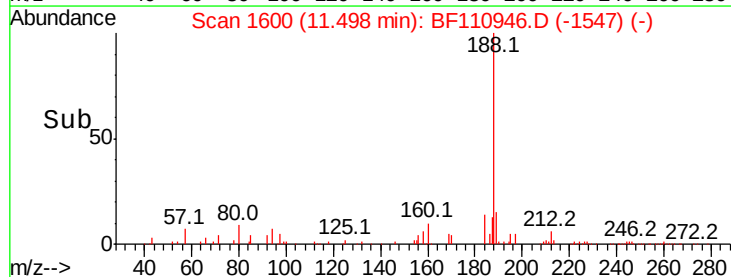
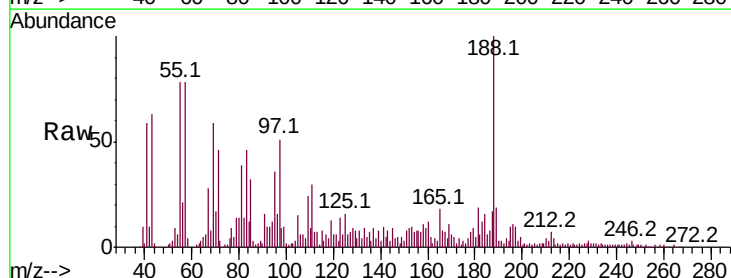
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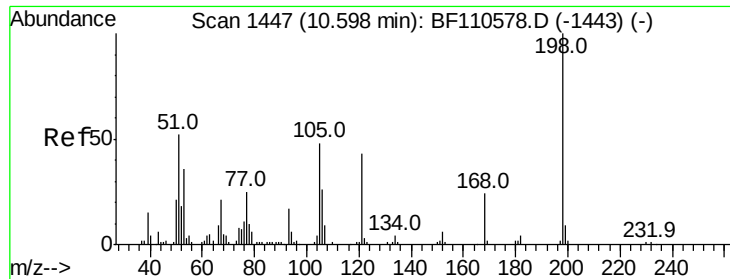
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	188	Resp	130279
Ion Ratio	Lower	Upper	
188	100		
94	12.2	7.2	10.8#
80	13.8	7.9	11.9#





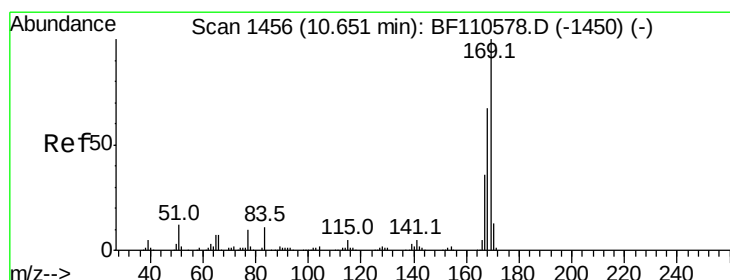
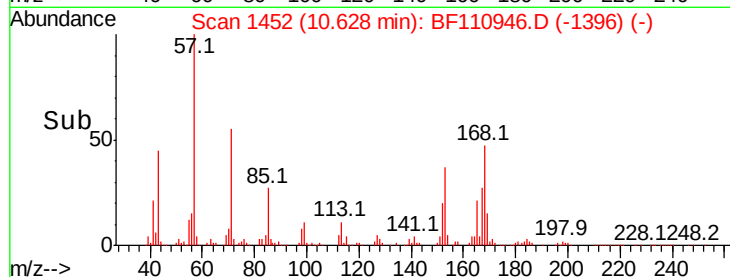
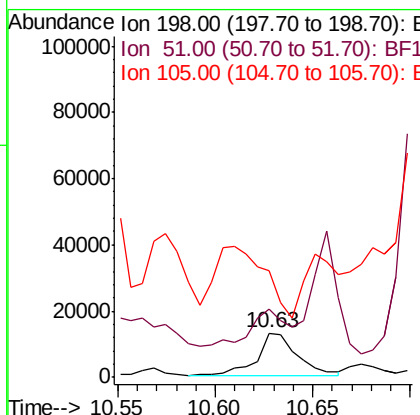
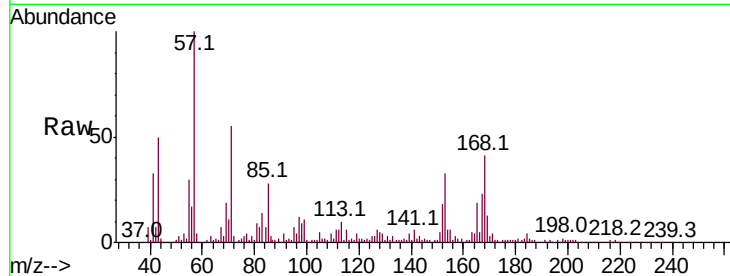
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.333 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.03 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	152.2	22.8	62.8#
105	239.1	23.6	63.6#

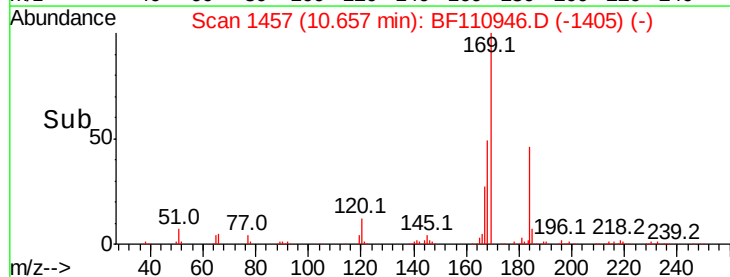
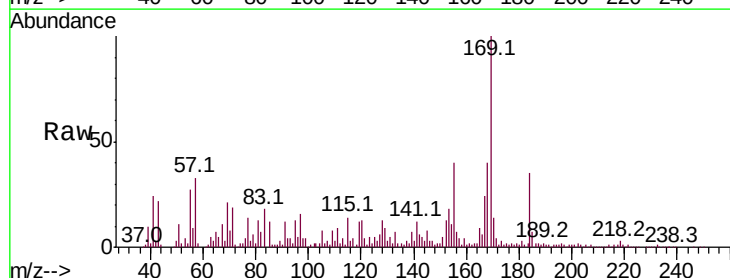
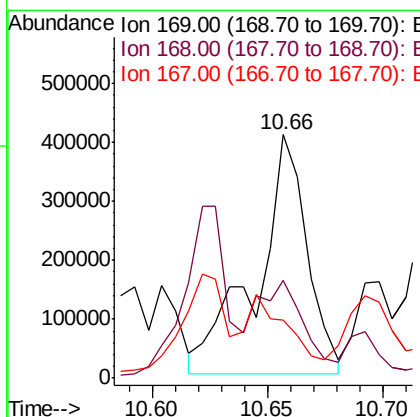
Manual Integrations
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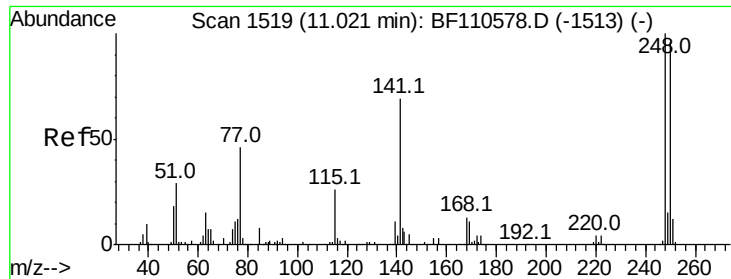
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#66
 n-Nitrosodiphenylamine
 Concen: 140.747 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	40.1	51.2	76.8#
167	24.1	27.8	41.6#





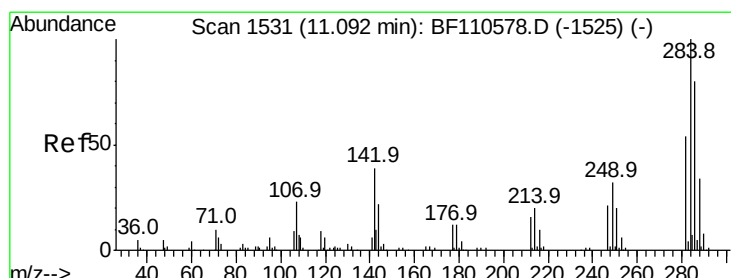
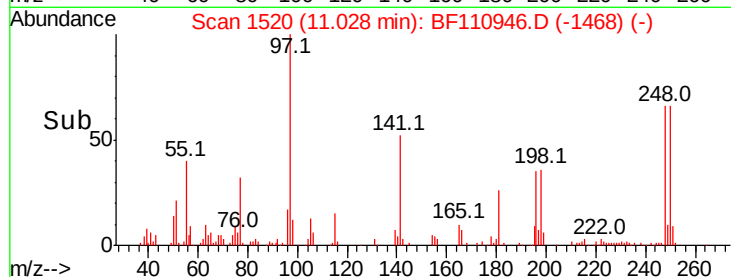
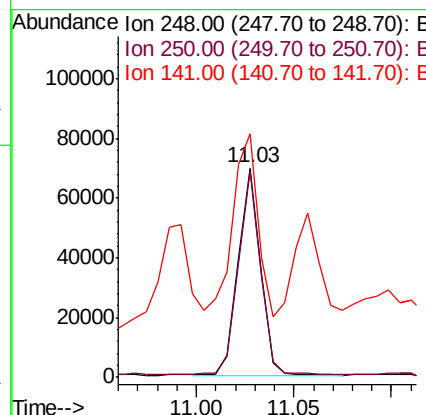
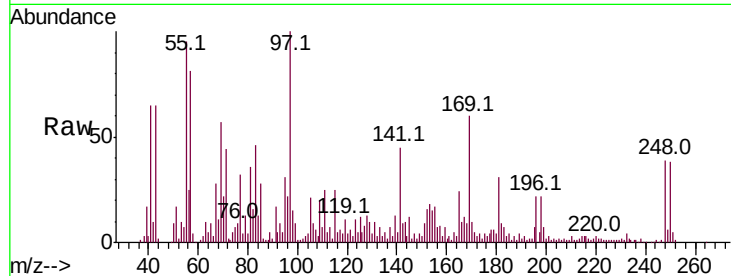
#67
4-Bromophenyl-phenylether
Concen: 38.146 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.4	119.2
141	116.3	55.9	83.9#

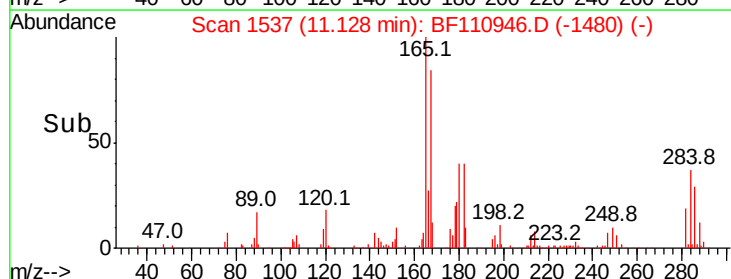
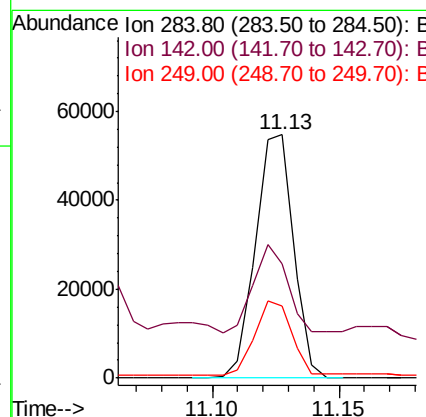
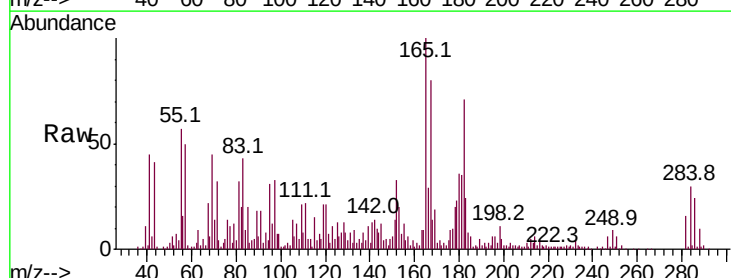
Manual Integrations
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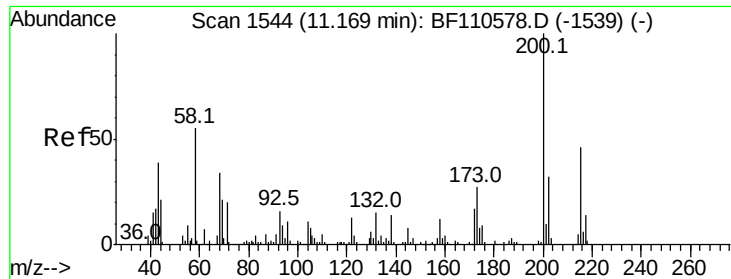
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#68
Hexachlorobenzene
Concen: 37.845 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.04 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.0	23.9	35.9#
249	29.8	24.2	36.2





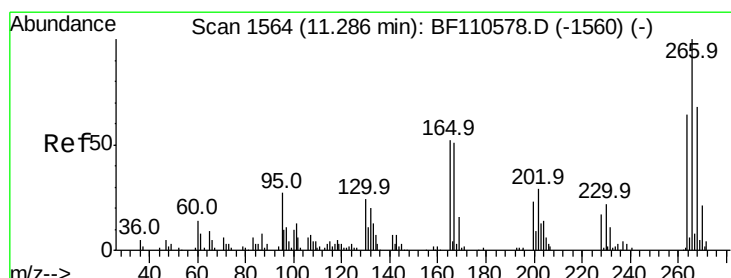
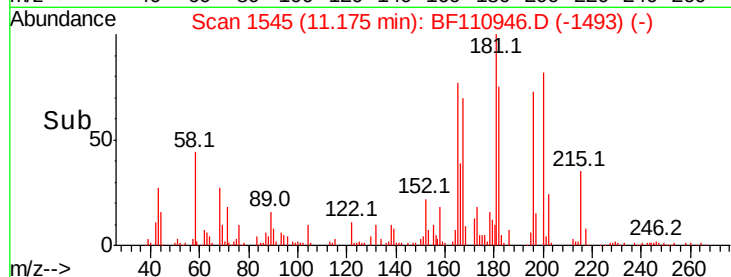
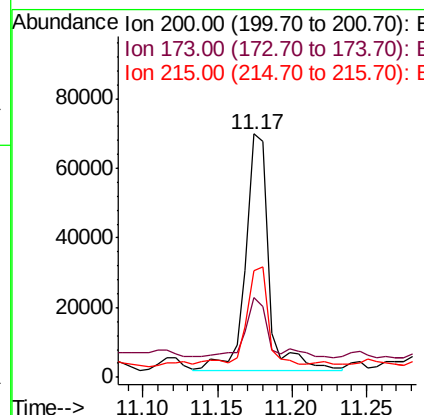
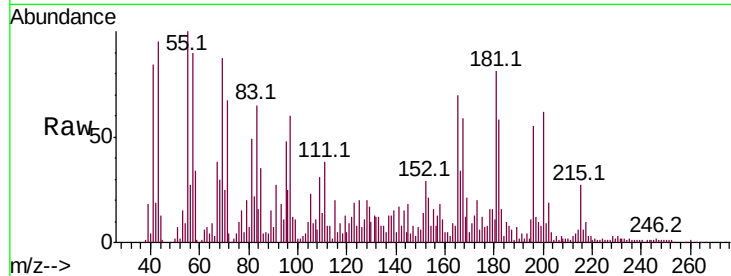
#69
Atrazine
Concen: 55.398 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	32.5	6.6	46.6
215	44.0	26.3	66.3

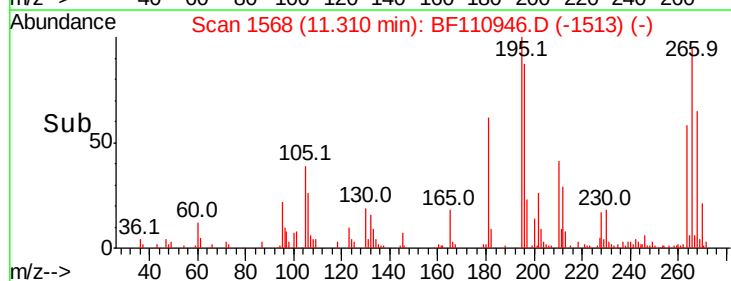
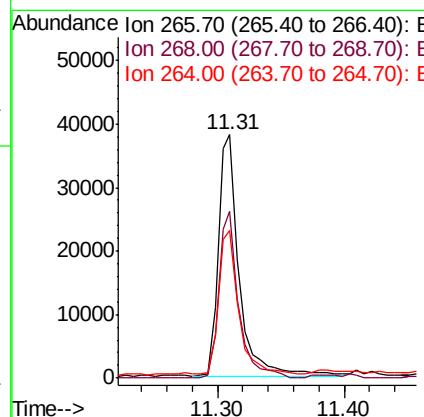
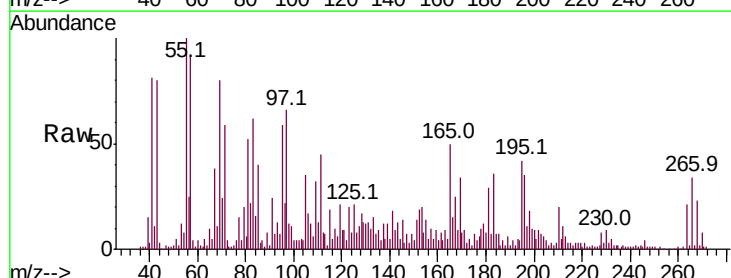
Manual Integrations
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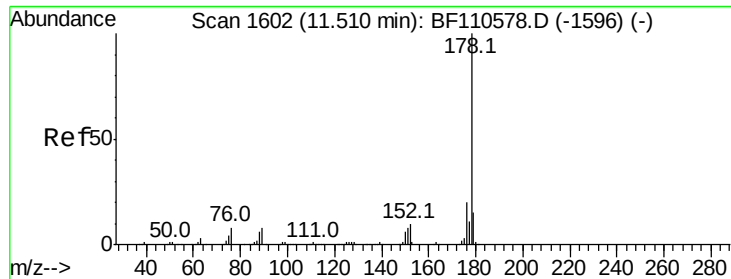
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11/26/2018 3:12:01 PM



#70
Pentachlorophenol
Concen: 54.179 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	50.6	75.8
264	60.7	50.6	75.8





#71

Phenanthrene

Concen: 113.244 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

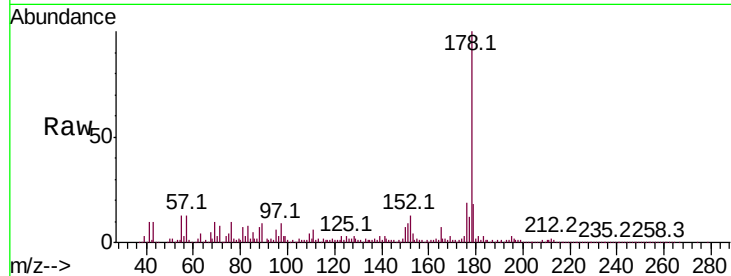
ClientSampleId :

NON-UST-03R-AMSD

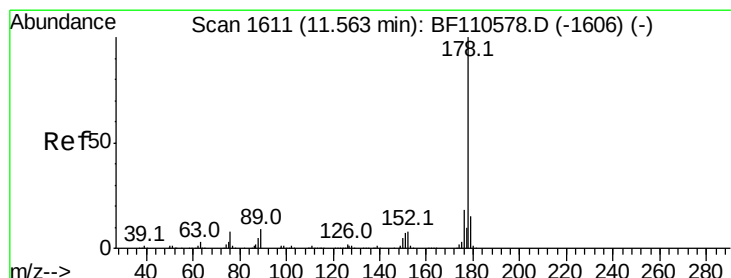
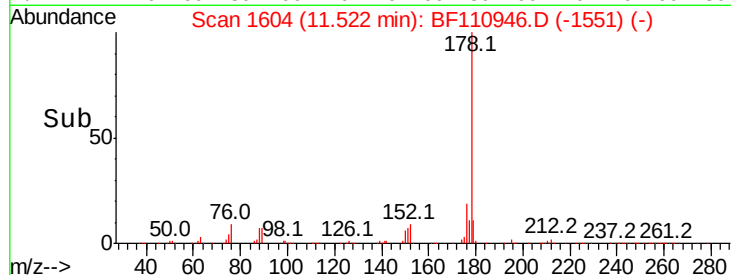
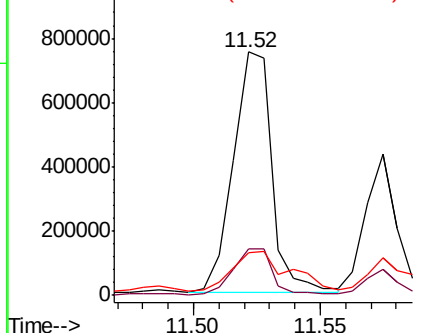
Tot Ion:178	Resp:	790408
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.5 23.3
179	17.7	12.5 18.7

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



#72

Anthracene

Concen: 49.049 ng m

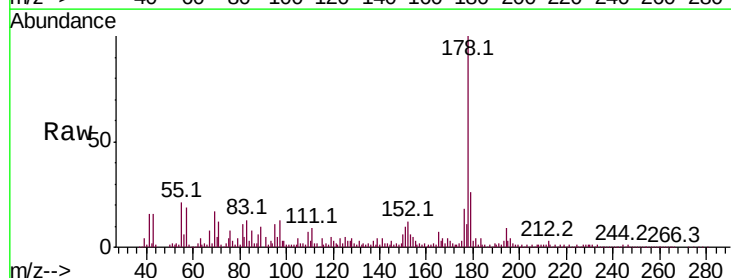
RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

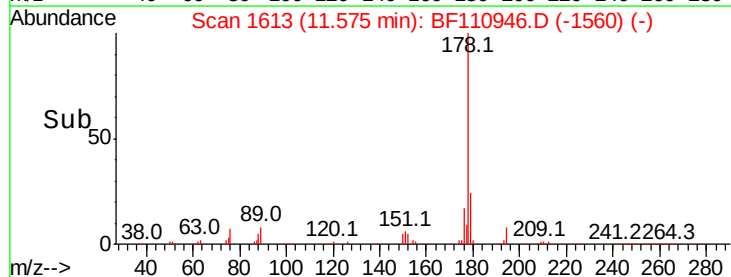
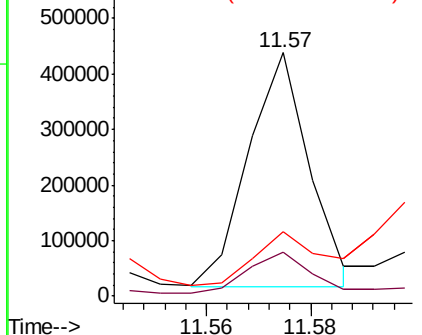
Lab File: BF110946.D

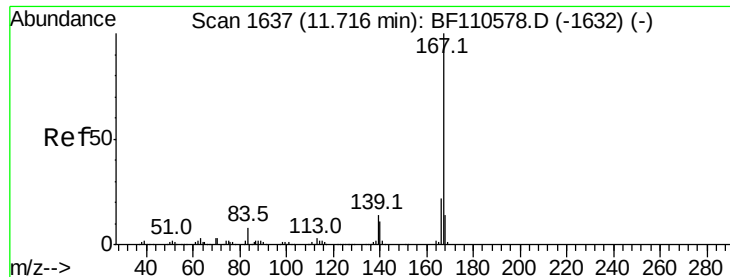
Acq: 23 Nov 2018 16:13

Tgt Ion:178	Resp:	345343
Ion Ratio	Lower	Upper
178	100	
176	18.0	15.4 23.2
179	26.4	12.6 18.8#



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





#73

Carbazole

Concen: 42.857 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

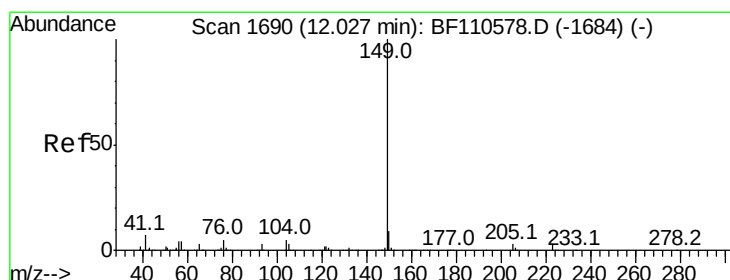
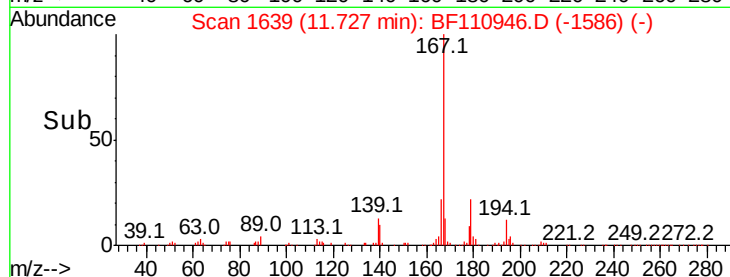
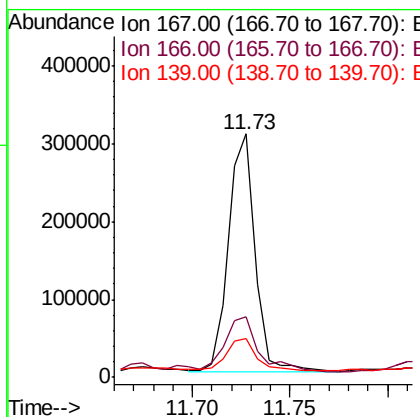
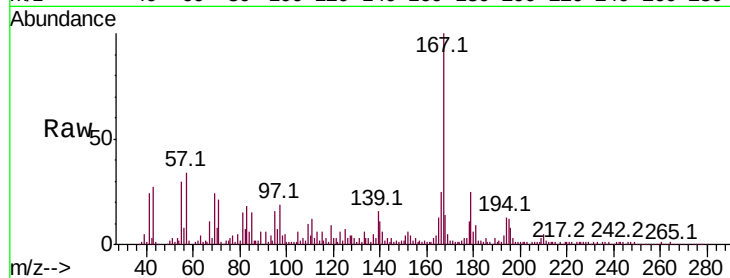
ClientSampleId :

NON-UST-03R-AMSD

Tot Ion:	167	Resp:	289792
Ion Ratio	Lower	Upper	
167	100		
166	25.0	17.4	26.0
139	15.9	10.9	16.3

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 41.626 ng

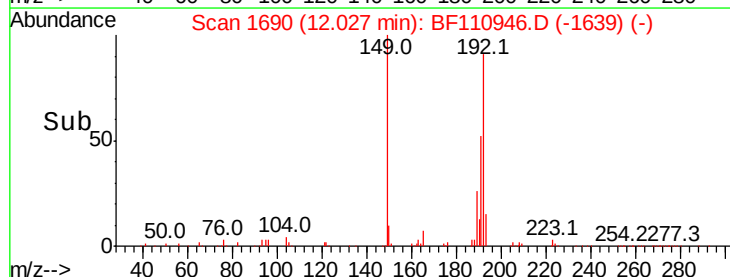
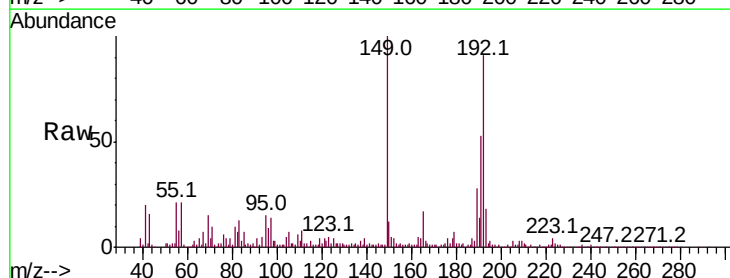
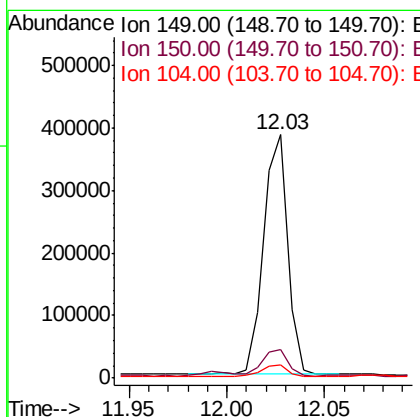
RT: 12.03 min Scan# 1690

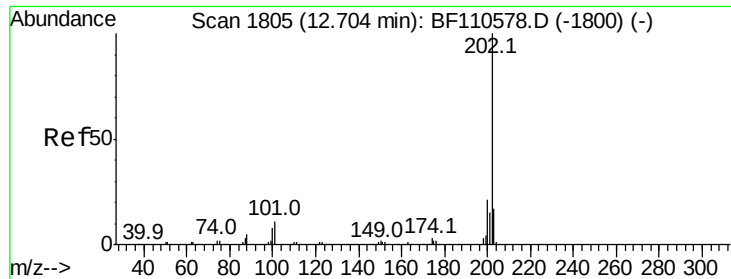
Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Tgt Ion:	149	Resp:	330069
Ion Ratio	Lower	Upper	
149	100		
150	11.5	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 52.505 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

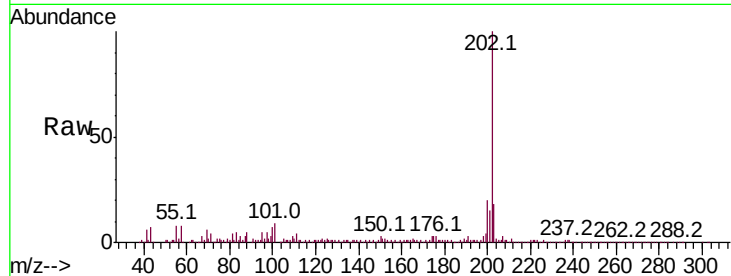
ClientSampleId :

NON-UST-03R-AMSD

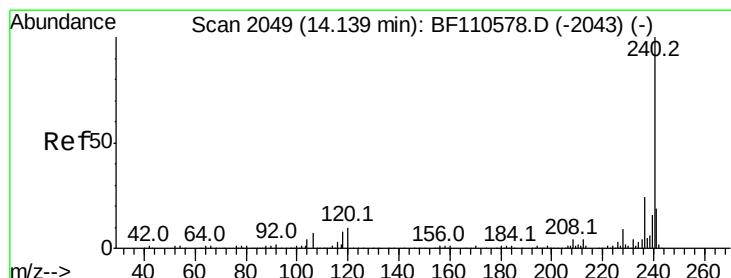
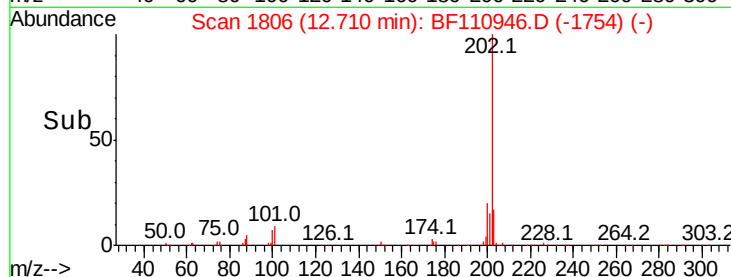
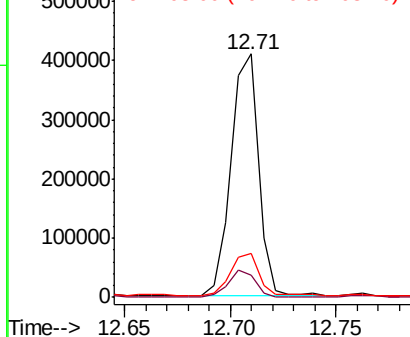
Tot Ion:	202	Resp:	367408
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	31.4
203	17.8	0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

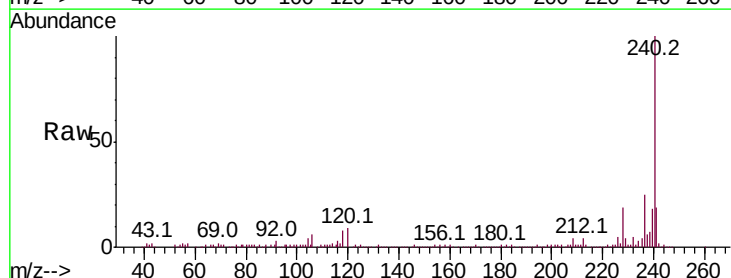
RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

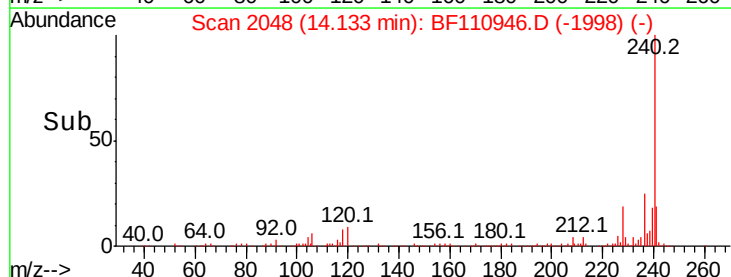
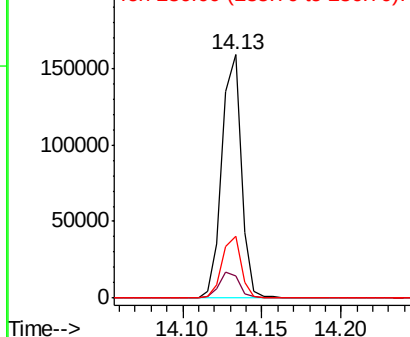
Lab File: BF110946.D

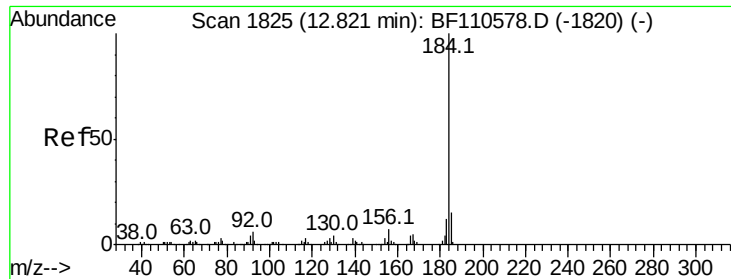
Acq: 23 Nov 2018 16:13

Tgt Ion:	240	Resp:	135617
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.3	12.5
236	25.4	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.202 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Instrument :

BNA_F

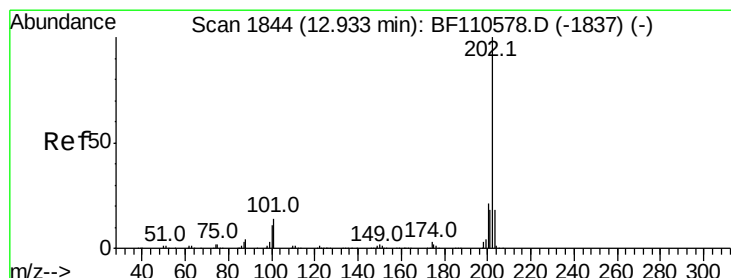
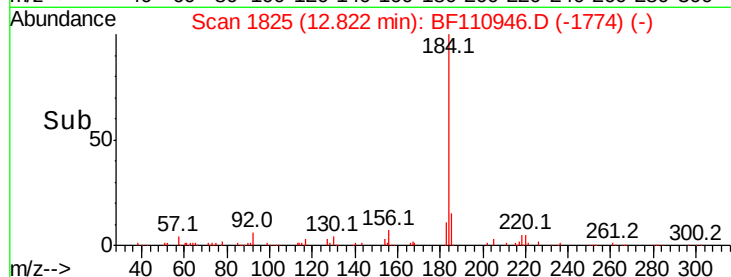
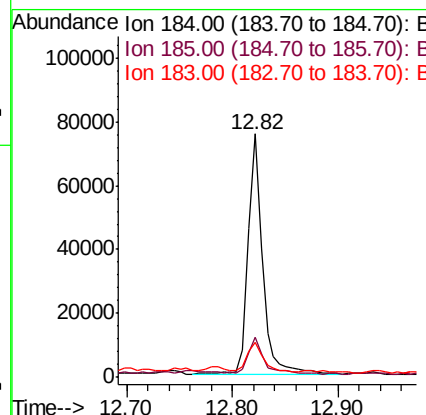
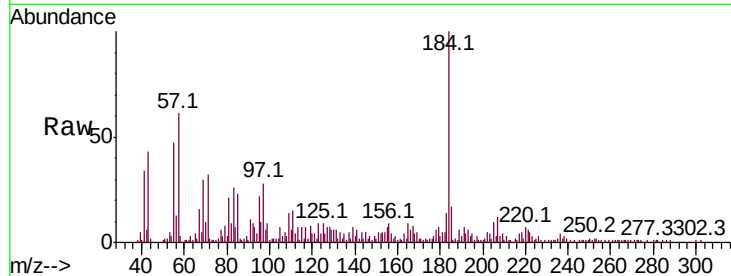
ClientSampleId :

NON-UST-03R-AMSD

Tot Ion:	184	Resp:	71612
Ion Ratio	Lower	Upper	
184	100		
185	16.5	13.4	20.2
183	14.3	9.4	14.2#

Manual Integrations
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#78

Pyrene

Concen: 37.638 ng

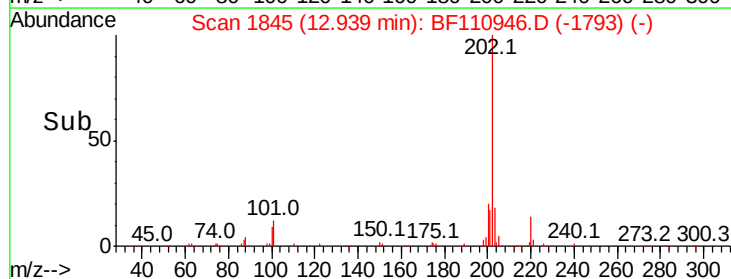
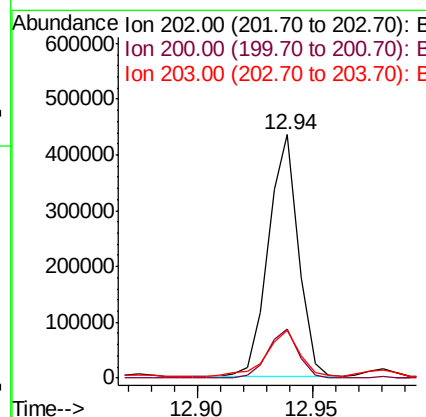
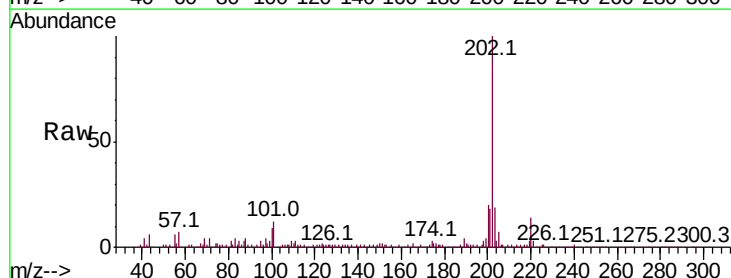
RT: 12.94 min Scan# 1845

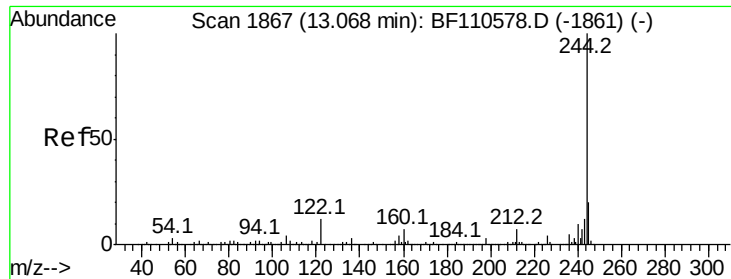
Delta R.T. 0.01 min

Lab File: BF110946.D

Acq: 23 Nov 2018 16:13

Tgt Ion:	202	Resp:	393023
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.6
203	19.5	14.2	21.4





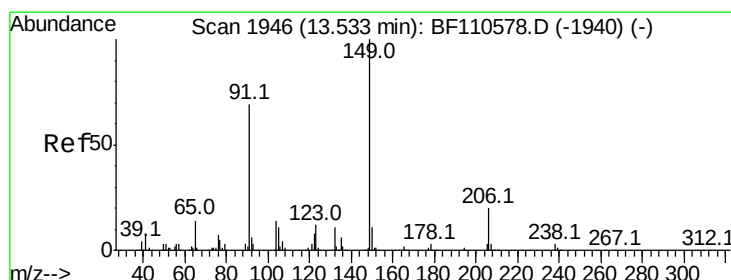
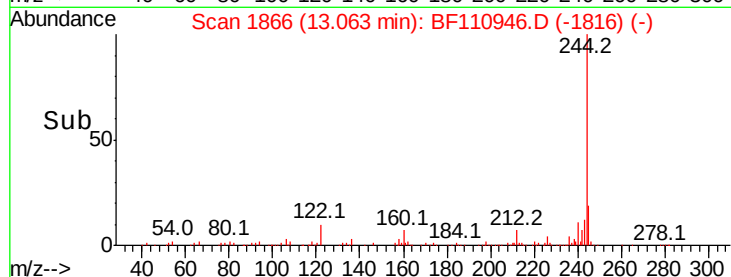
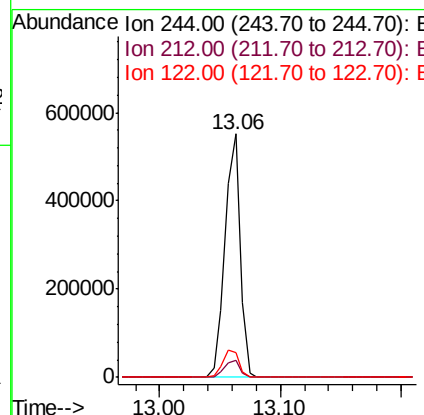
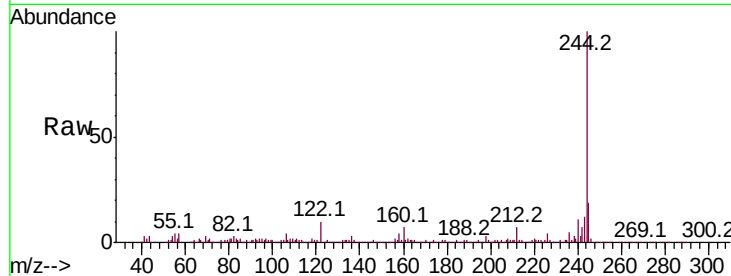
#79
 Terphenyl-d14
 Concen: 65.787 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.3	8.7	13.1

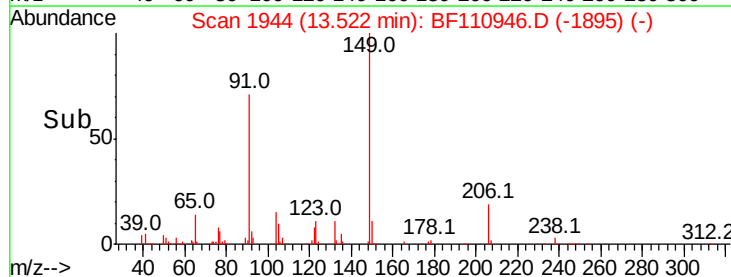
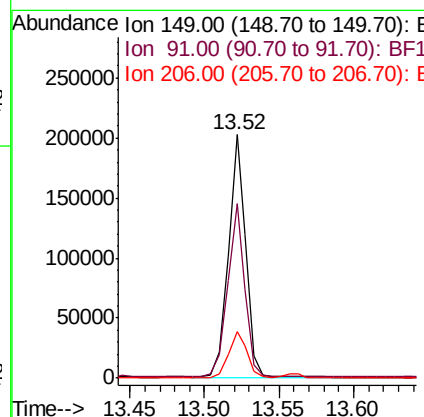
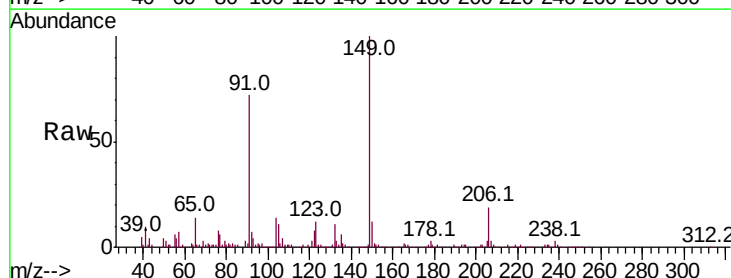
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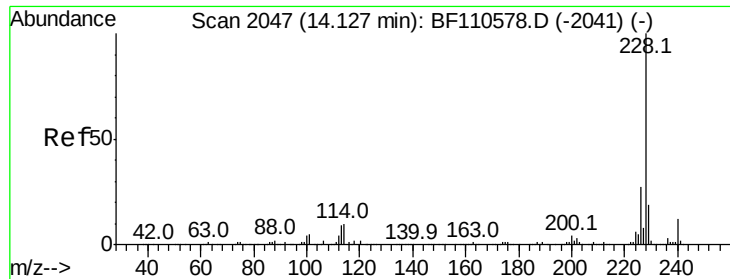
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#80
 Butylbenzylphthalate
 Concen: 36.714 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF110946.D
 Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.2	85.8
206	19.2	15.7	23.5





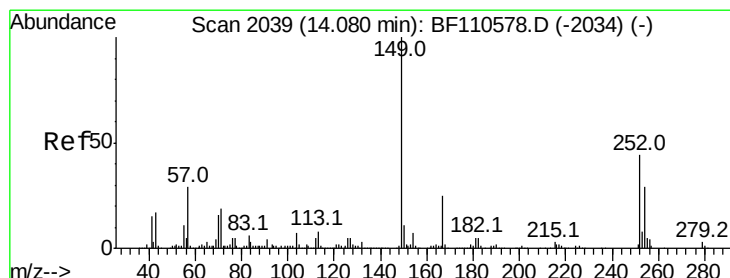
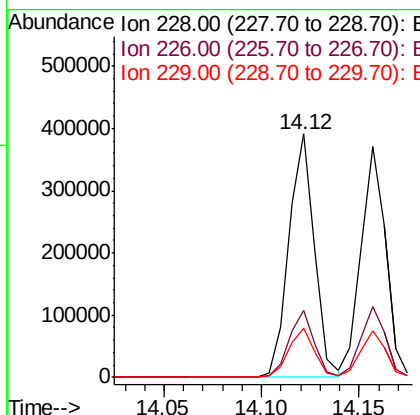
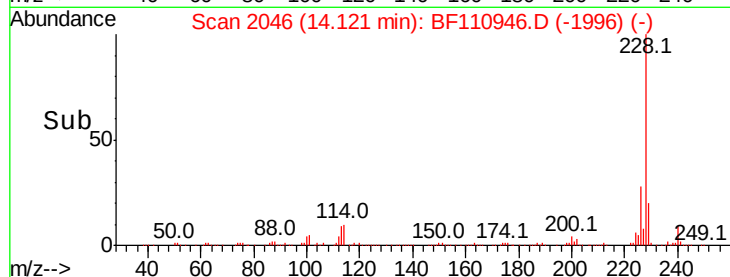
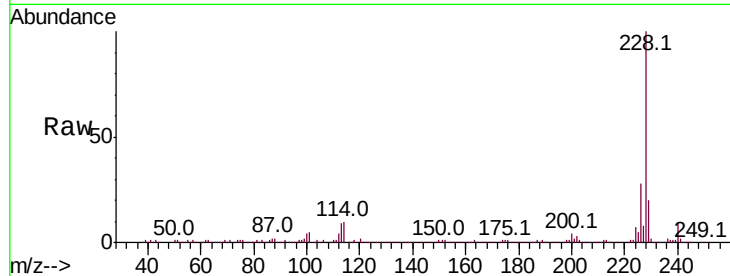
#81
Benzo(a)anthracene
Concen: 43.416 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.1	15.6	23.4

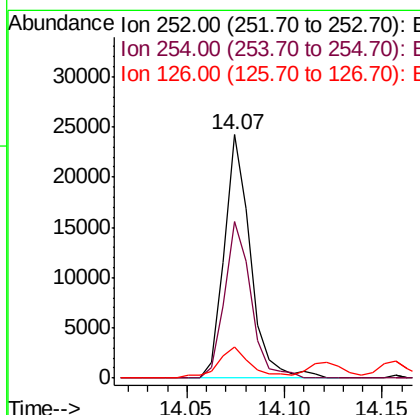
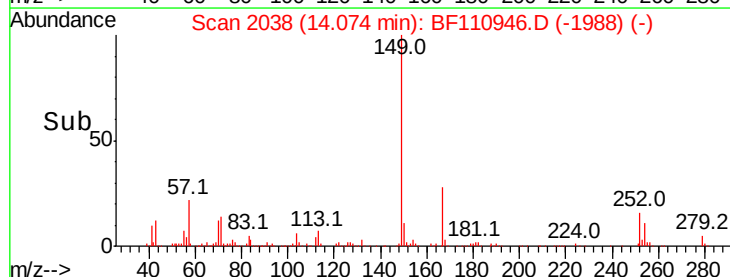
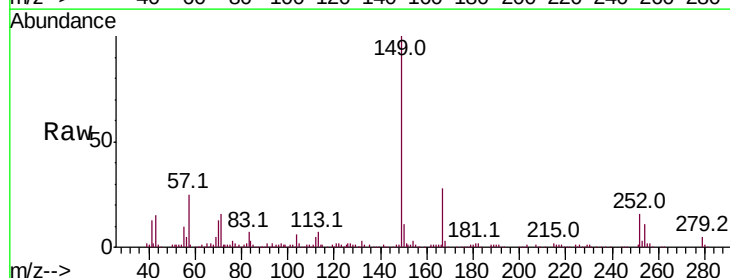
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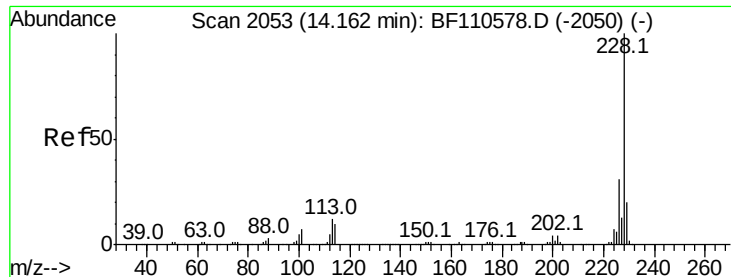
MOHAMMAD
11/26/2018 3:12:01 PM



#82
3,3'-Dichlorobenzidine
Concen: 8.271 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	12.7	9.4	14.2





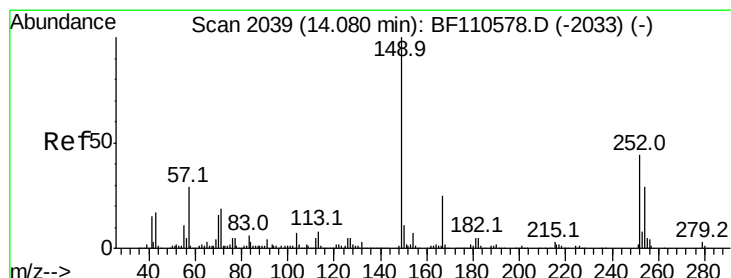
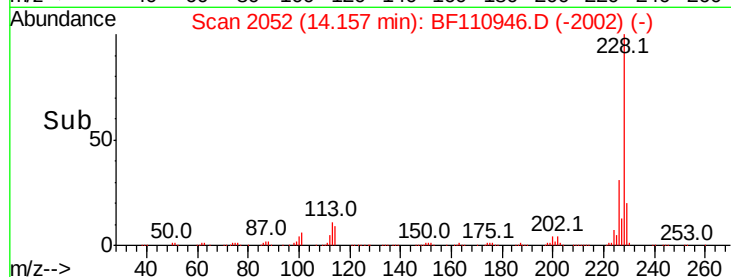
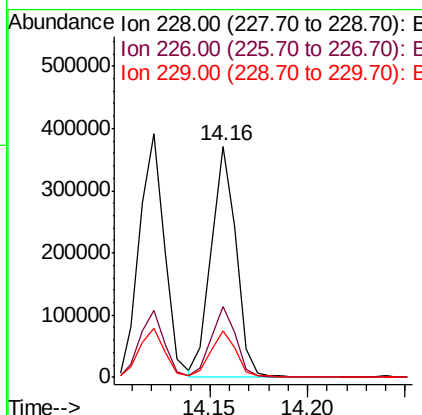
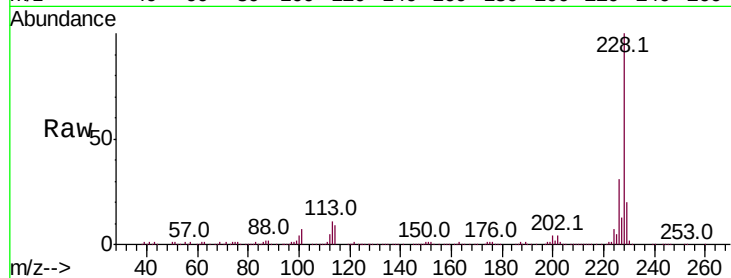
#83
Chrysene
Concen: 42.525 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.1	15.9	23.9

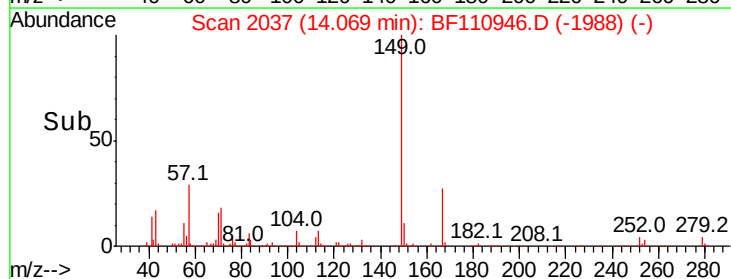
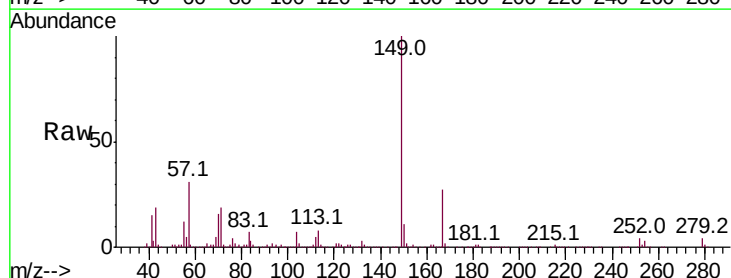
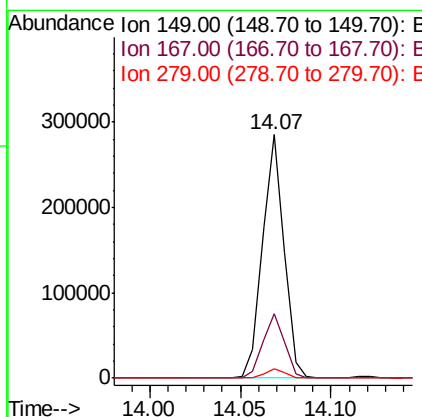
Manual Integrations
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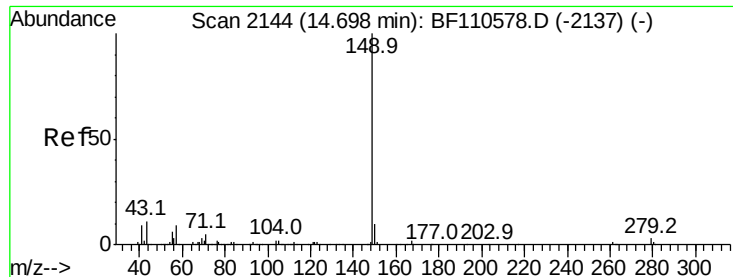
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.141 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.8	2.7	4.1





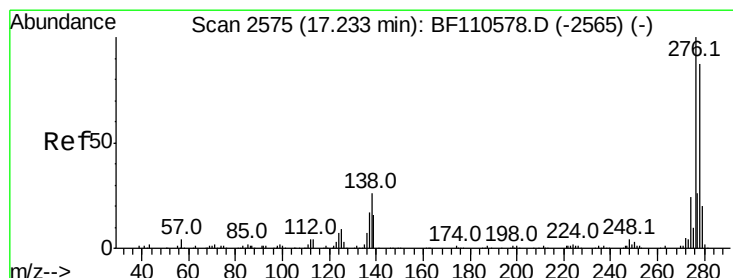
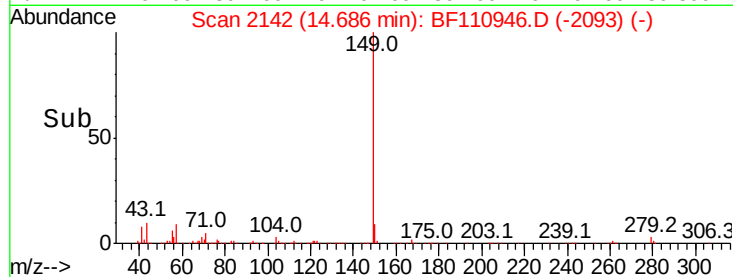
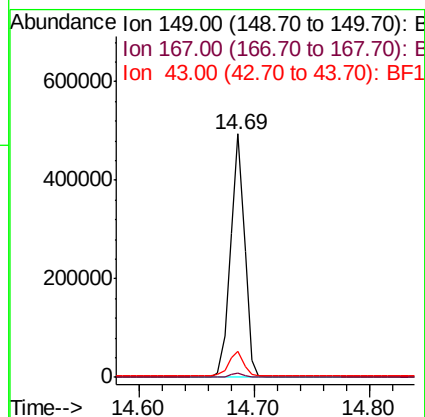
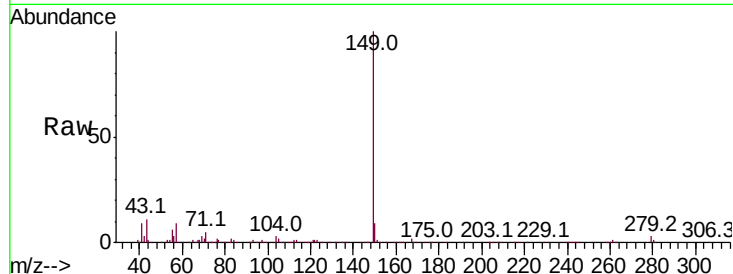
#85
Di-n-octyl phthalate
Concen: 50.575 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	414657		
167	1.9	1.1	1.7#	
43	10.2	7.8	11.8	

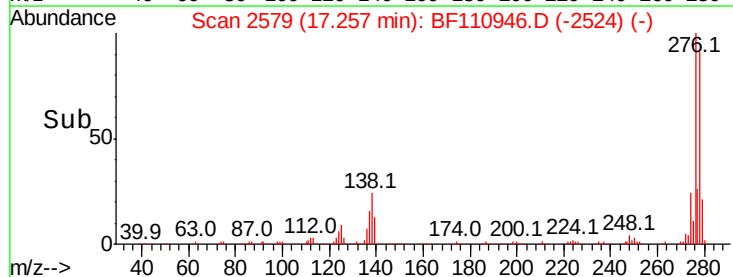
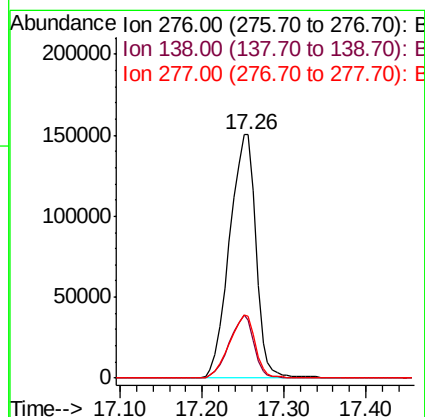
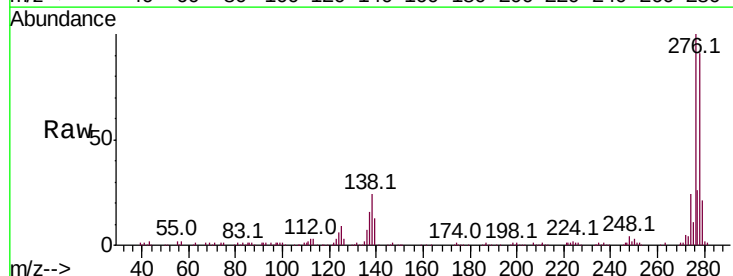
Manual Integrations
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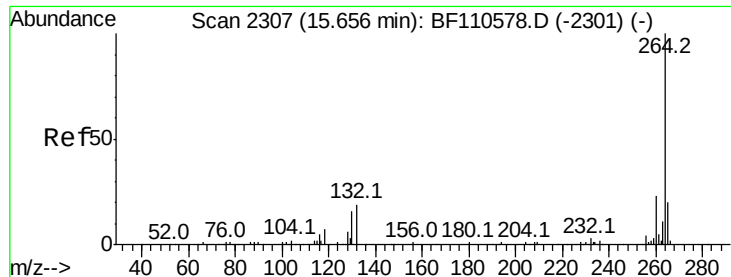
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11/26/2018 3:12:01 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.324 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	339835		
138	24.2	18.5	27.7	
277	25.5	20.0	30.0	





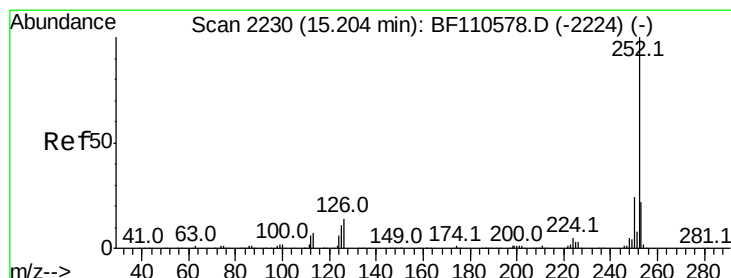
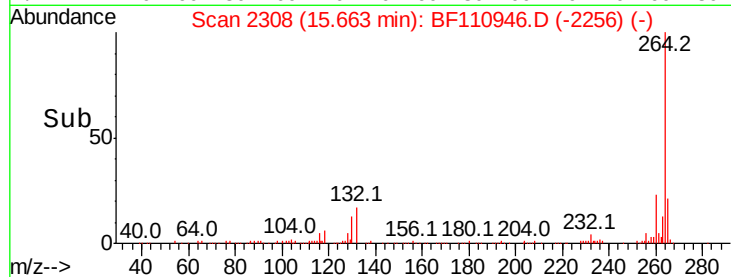
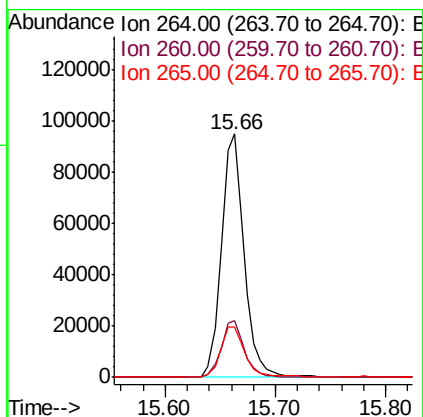
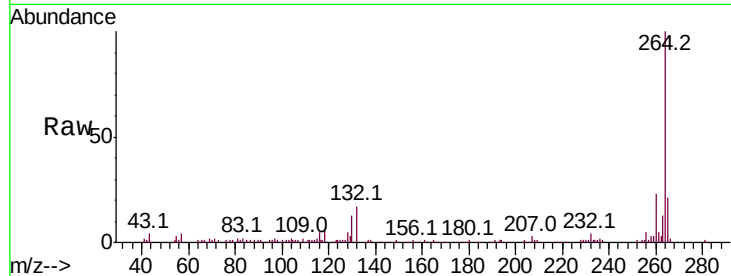
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.6	16.7	25.1

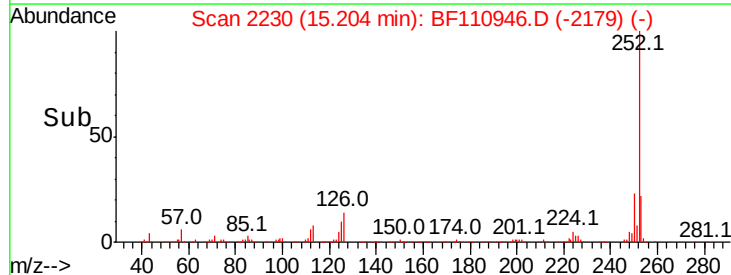
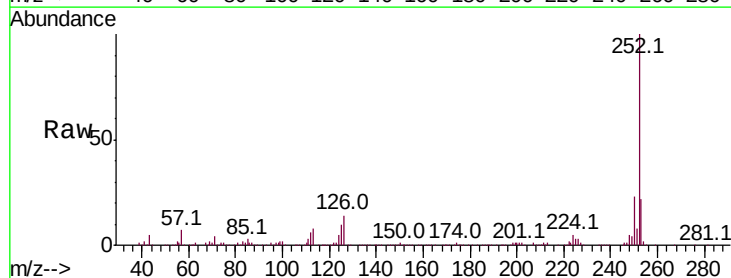
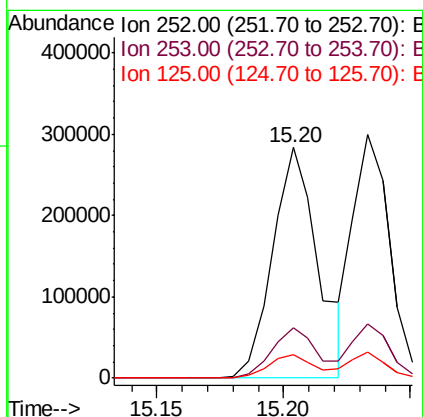
Manual Integrations
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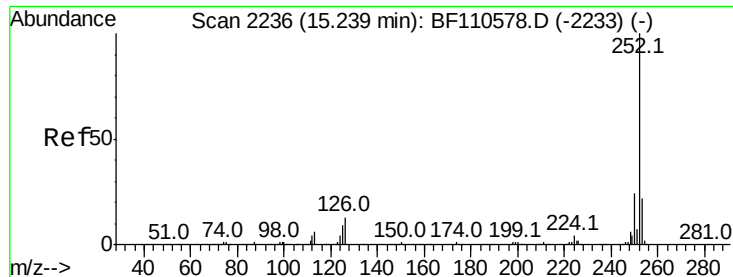
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#88
Benzo(b)fluoranthene
Concen: 43.551 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.3	8.2	12.4





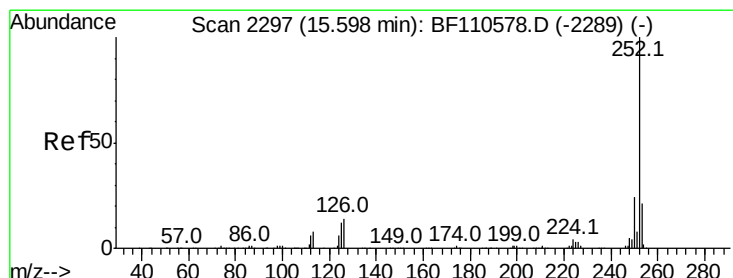
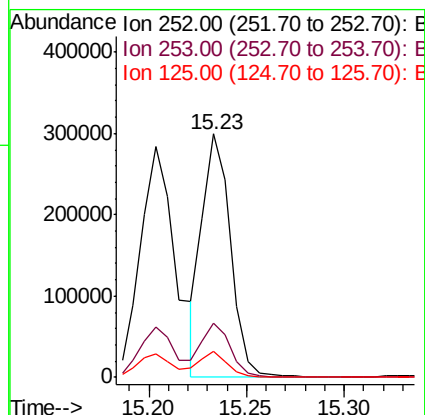
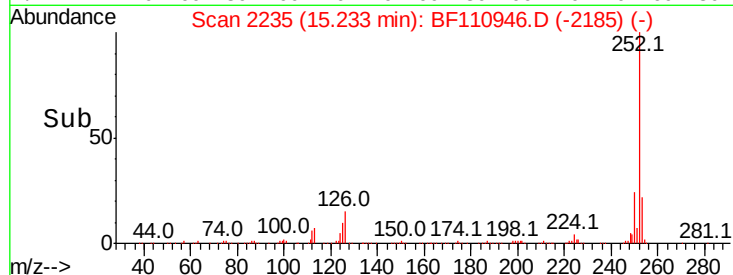
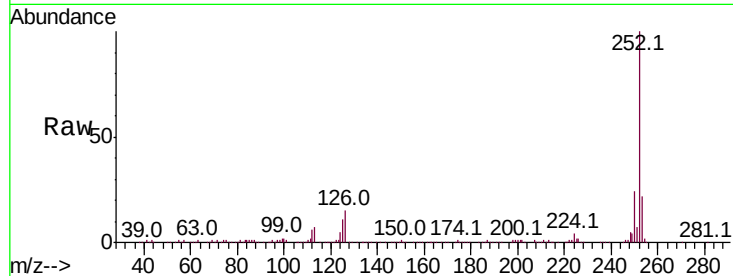
#89
Benzo(k)fluoranthene
Concen: 37.484 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.6	7.4	11.0

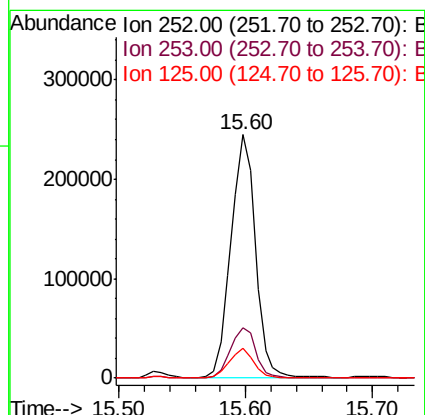
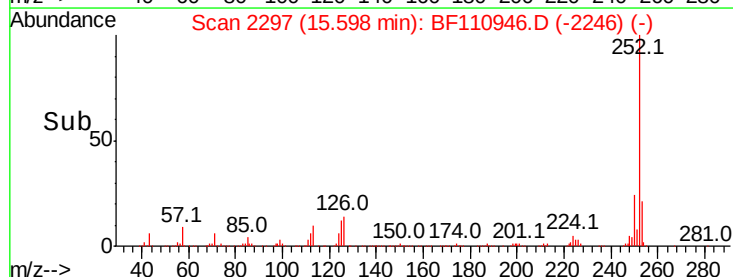
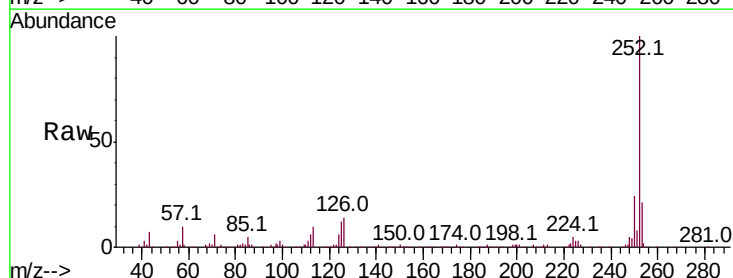
Manual Integrations
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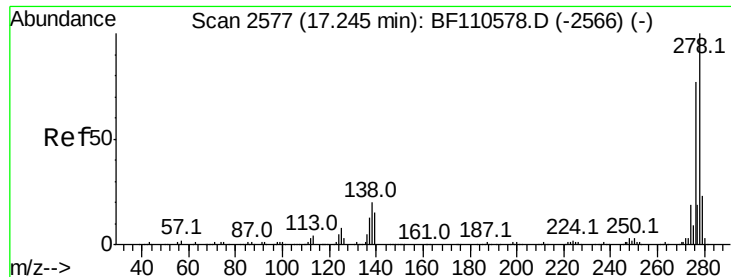
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11/26/2018 3:12:01 PM



#90
Benzo(a)pyrene
Concen: 44.271 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.4
125	12.0	9.0	13.6





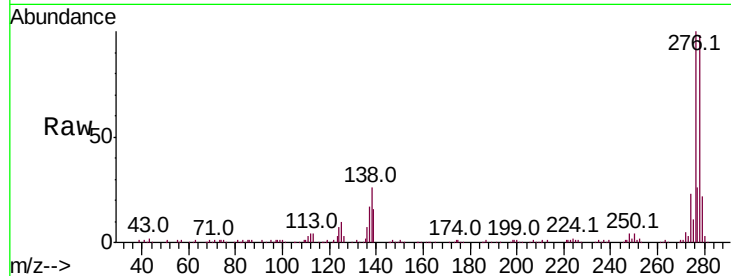
#91
Dibenzo(a,h)anthracene
Concen: 45.145 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-AMSD

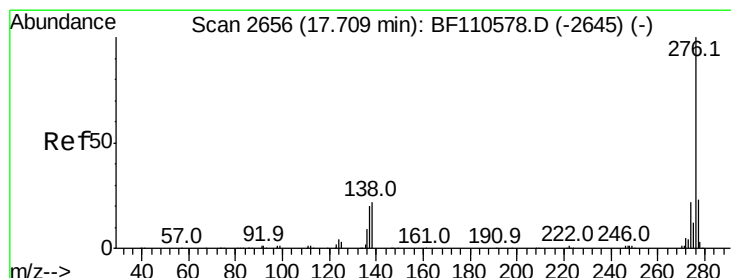
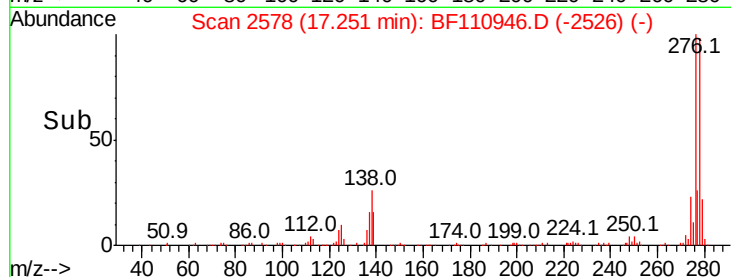
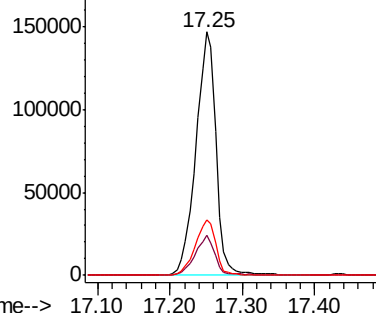
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	23.0	19.0	28.4

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 3:12:01 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.920 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110946.D
Acq: 23 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	19.6	16.0	24.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

