

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
 Data File : BF110945.D
 Acq On : 23 Nov 2018 15:45
 Operator : JU/SJ
 Sample : J6003-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 11/26/2018 3:11:57 PM

Quant Time: Nov 23 21:14:25 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	54490	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	188164	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	90471	20.00	ng	0.01
64) Phenanthrene-d10	11.50	188	132128	20.00	ng	0.01
76) Chrysene-d12	14.13	240	132479	20.00	ng	0.00
87) Perylene-d12	15.66	264	134994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	450656	134.34	ng	0.00
7) Phenol-d6	6.57	99	553383	129.00	ng	0.00
23) Nitrobenzene-d5	7.51	82	345475	105.74	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	92307	101.26	ng	0.02
45) 2-Fluorobiphenyl	9.31	172	500043	78.94	ng	0.00
79) Terphenyl-d14	13.06	244	471339	66.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	47970	28.699	ng	# 84
3) Pyridine	3.59	79	130457	36.159	ng	# 85
4) n-Nitrosodimethylamine	3.53	42	71713	46.325	ng	# 84
6) Aniline	6.61	93	76937	13.753	ng	# 57
8) 2-Chlorophenol	6.73	128	158110	40.205	ng	97
9) Benzaldehyde	6.50	77	66067	26.138	ng	98
10) Phenol	6.58	94	214133	43.049	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	142566	38.244	ng	94
12) 1,3-Dichlorobenzene	6.88	146	161303	37.487	ng	98
13) 1,4-Dichlorobenzene	6.96	146	166600	38.129	ng	97
14) 1,2-Dichlorobenzene	7.11	146	155043	38.143	ng	98
15) Benzyl Alcohol	7.08	79	138608	41.289	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	213973	36.551	ng	82
17) 2-Methylphenol	7.19	107	120952	38.645	ng	# 87
18) Hexachloroethane	7.45	117	61592	38.183	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	130315	47.590	ng	97
20) 3+4-Methylphenols	7.35	107	155533	38.712	ng	# 75
22) Acetophenone	7.35	105	213519	48.690	ng	# 92
24) Nitrobenzene	7.53	77	164646	49.183	ng	95
25) Isophorone	7.76	82	334481	62.459	ng	# 88
26) 2-Nitrophenol	7.85	139	81607	48.866	ng	# 76
27) 2,4-Dimethylphenol	7.87	122	139113	54.696	ng	92
28) bis(2-Chloroethoxy)methane	7.96	93	166086	45.806	ng	# 82
29) 2,4-Dichlorophenol	8.09	162	123400	47.153	ng	90
30) 1,2,4-Trichlorobenzene	8.17	180	114468	38.794	ng	95
31) Naphthalene	8.25	128	452122	51.184	ng	# 91
32) Benzoic acid	8.00	122	12908	7.173	ng	# 35
33) 4-Chloroaniline	8.30	127	45658	11.411	ng	# 56
34) Hexachlorobutadiene	8.36	225	68550	40.674	ng	97
35) Caprolactam	8.67	113	32705m	37.405	ng	
36) 4-Chloro-3-methylphenol	8.79	107	125280	44.387	ng	94
37) 2-Methylnaphthalene	8.97	142	2283951	394.421	ng	98
38) 1-Methylnaphthalene	9.07	142	1458815	261.956	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	92749	32.387	ng	# 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	16498	20.993	nq	97
43) 2,4,6-Trichlorophenol	9.23	196	58578	32.551	nq	98
44) 2,4,5-Trichlorophenol	9.28	196	64470	33.585	nq #	23
46) 1,1'-Biphenyl	9.42	154	284839	33.750	nq	100
47) 2-Chloronaphthalene	9.45	162	203737	33.508	nq #	89
48) 2-Nitroaniline	9.55	65	83180	44.394	nq #	71
49) Acenaphthylene	9.87	152	343706	39.252	nq #	79
50) Dimethylphthalate	9.72	163	165183	24.469	nq #	83
51) 2,6-Dinitrotoluene	9.79	165	50026	33.687	nq #	29
52) Acenaphthene	10.04	154	275663	49.815	nq #	80
53) 3-Nitroaniline	9.96	138	53181	30.911	nq #	86
54) 2,4-Dinitrophenol	10.06	184	1463	7.029	nq #	1
55) Dibenzofuran	10.22	168	323695	39.981	nq #	60
56) 4-Nitrophenol	10.12	139	131880	115.542	nq #	78
57) 2,4-Dinitrotoluene	10.22	165	92359	47.833	nq #	83
58) Fluorene	10.56	166	399534	64.247	nq #	88
59) 2,3,4,6-Tetrachlorophenol	10.34	232	42188	27.937	nq #	37
60) Diethylphthalate	10.41	149	209823	31.417	nq	96
61) 4-Chlorophenyl-phenylether	10.54	204	95065	29.525	nq #	76
62) 4-Nitroaniline	10.58	138	52073	30.057	nq	92
63) Azobenzene	10.70	77	230737	35.411	nq #	70
65) 4,6-Dinitro-2-methylphenol	10.63	198	16136	24.232	nq #	1
66) n-Nitrosodiphenylamine	10.66	169	635601	142.716	nq #	64
67) 4-Bromophenyl-phenylether	11.03	248	53709	36.780	nq #	70
68) Hexachlorobenzene	11.13	284	55901	36.309	nq #	77
69) Atrazine	11.18	200	74022	54.358	nq	95
70) Pentachlorophenol	11.31	266	39800	48.448	nq	95
71) Phenanthrene	11.53	178	821987	116.120	nq	97
72) Anthracene	11.57	178	376349m	52.705	nq	
73) Carbazole	11.73	167	281558	41.057	nq #	93
74) Di-n-butylphthalate	12.03	149	327211	40.688	nq #	96
75) Fluoranthene	12.71	202	361265	50.905	nq	98
77) Benzdine	12.82	184	94616	25.971	nq	96
78) Pyrene	12.94	202	391513	38.381	nq	96
80) Butylbenzylphthalate	13.52	149	156939	35.746	nq	99
81) Benzo(a)anthracene	14.12	228	346072	43.705	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	40490	15.264	nq	97
83) Chrysene	14.16	228	325175	43.104	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	226511	41.589	nq	96
85) Di-n-octyl phthalate	14.69	149	404891	50.554	nq #	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	353260	65.256	nq	99
88) Benzo(b)fluoranthene	15.20	252	344830	42.699	nq	99
89) Benzo(k)fluoranthene	15.23	252	302085	37.856	nq	99
90) Benzo(a)pyrene	15.60	252	320708	43.708	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	292405	47.091	nq	98
92) Benzo(g,h,i)perylene	17.73	276	282879	45.916	nq	97

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

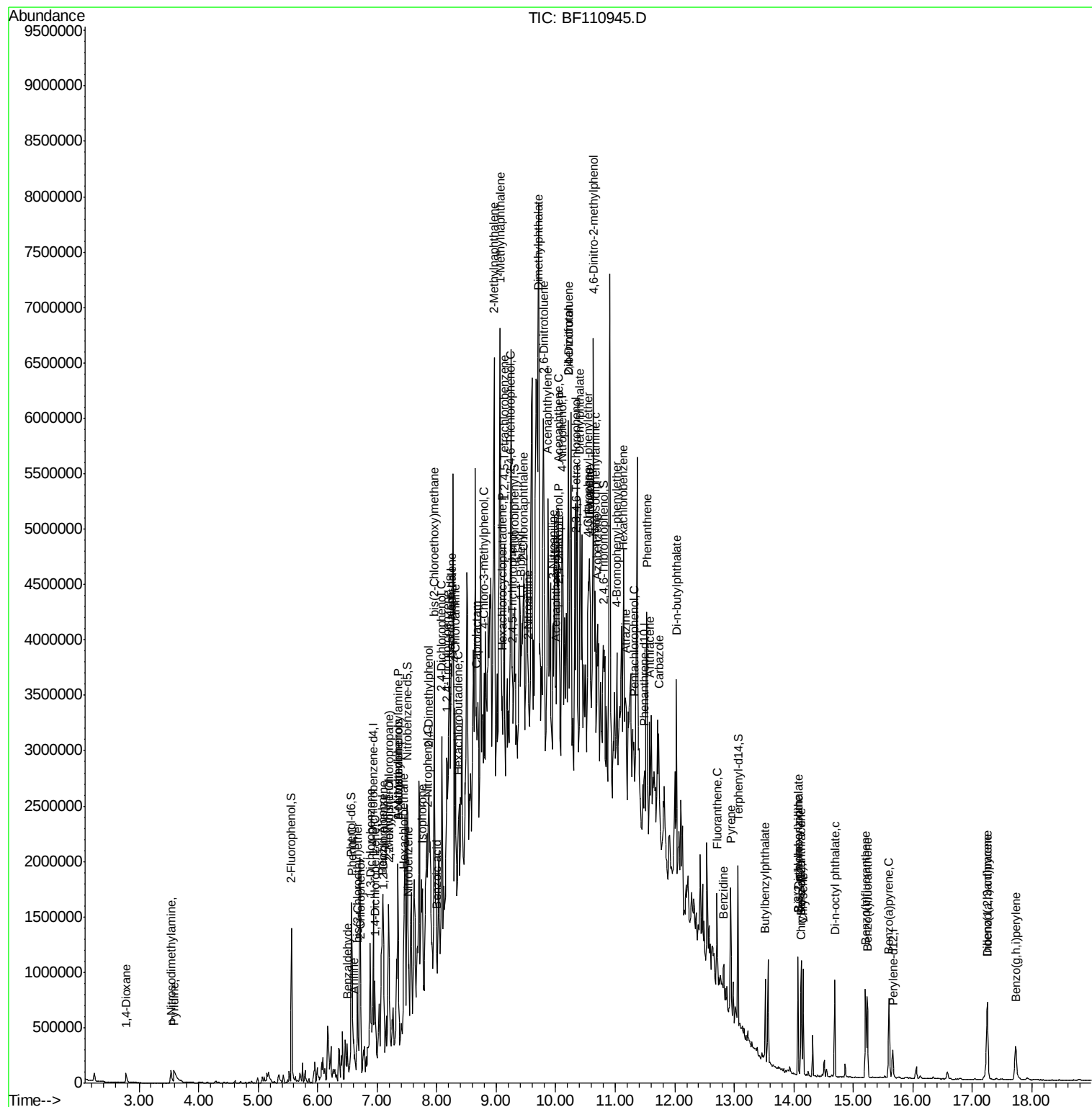
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
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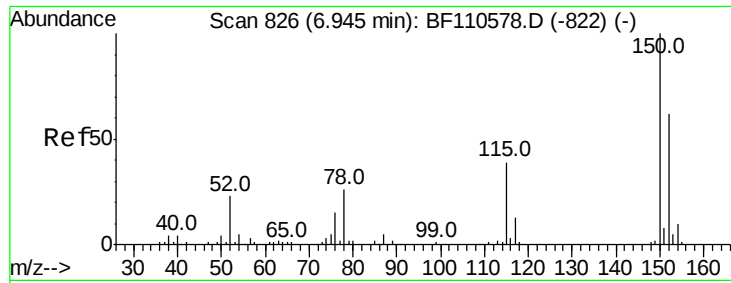
Instrument :
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#1

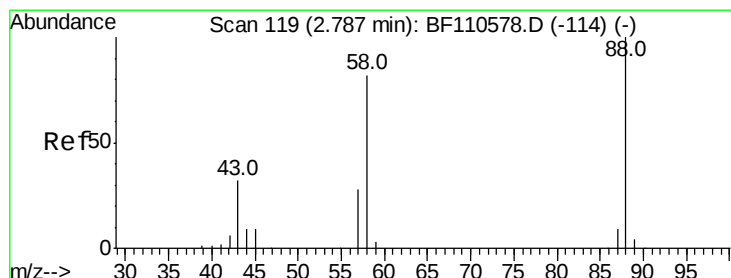
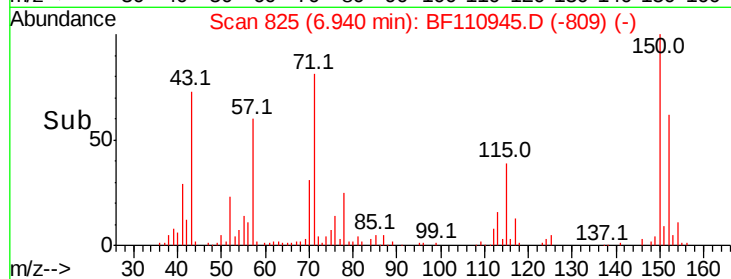
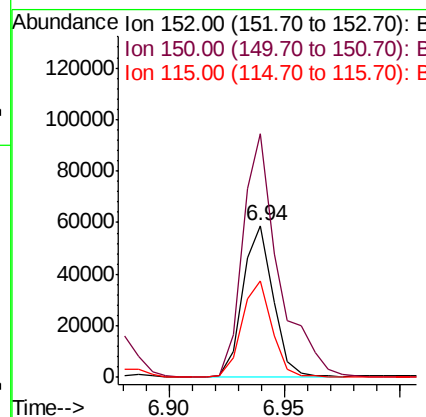
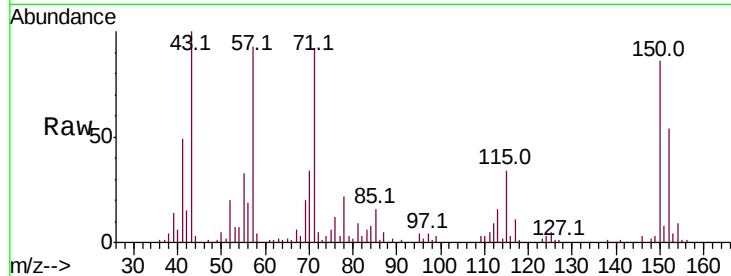
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	63.2	49.1	73.7

Manual Integrations
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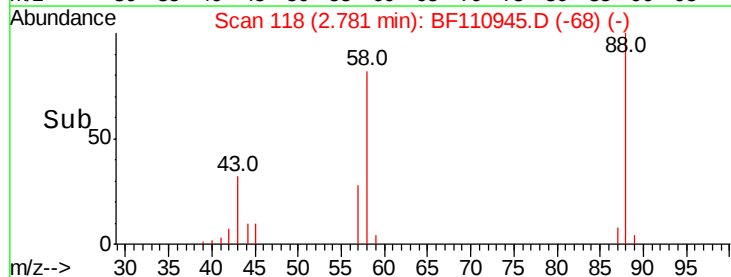
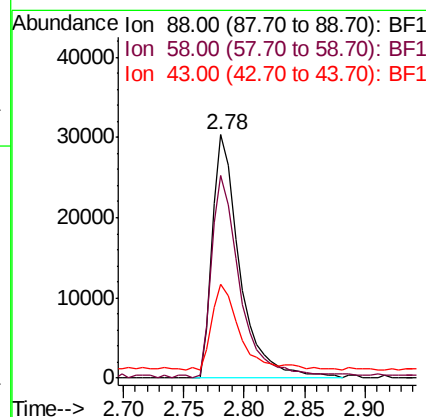
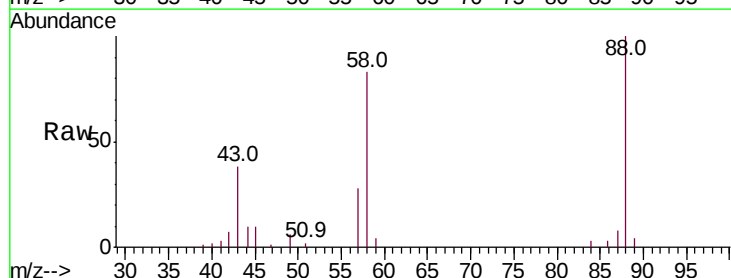
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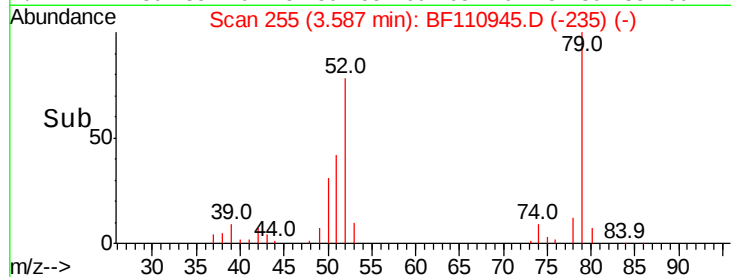
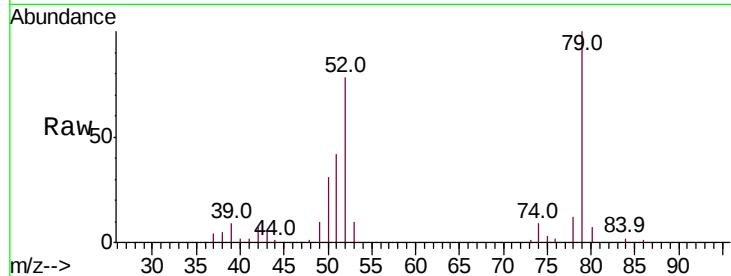
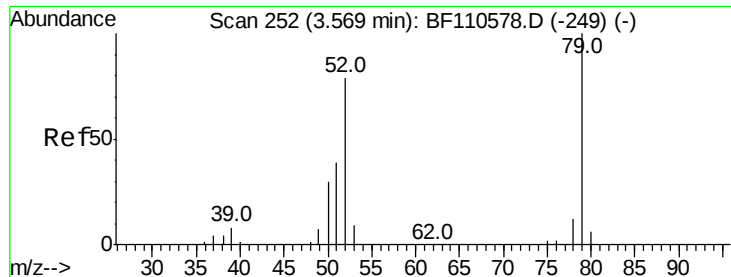


#2

1,4-Dioxane
Concen: 28.699 ng
RT: 2.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	57.1	85.7#
43	35.7	24.1	36.1





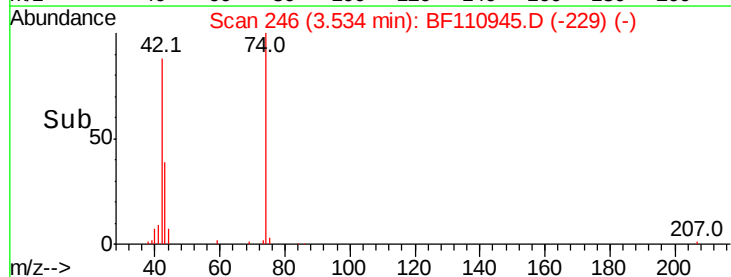
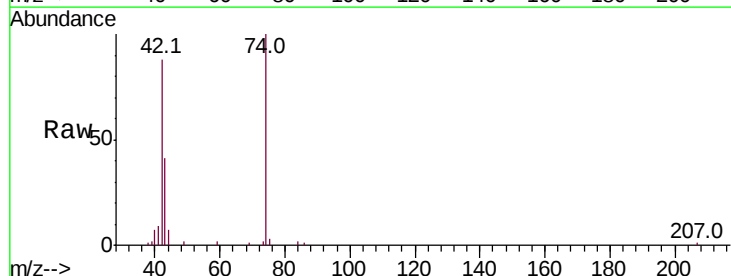
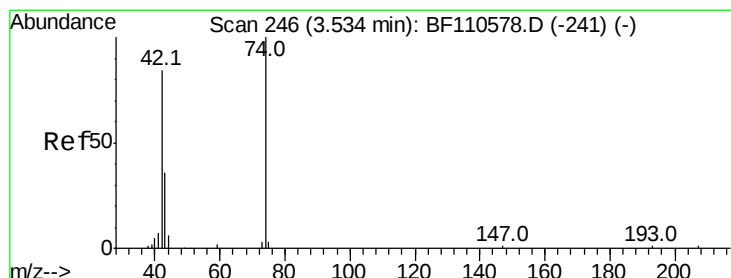
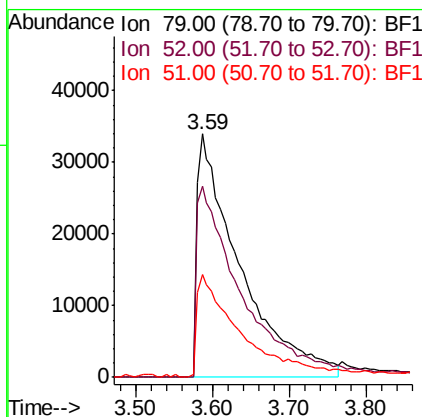
#3
 Pvridine
 Concen: 36.159 ng
 RT: 3.59 min Scan# 255
 Delta R.T. 0.02 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tot Ion: 79 Resp: 130457
 Ion Ratio Lower Upper
 79 100
 52 78.4 53.1 79.7
 51 42.2 27.4 41.2#

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

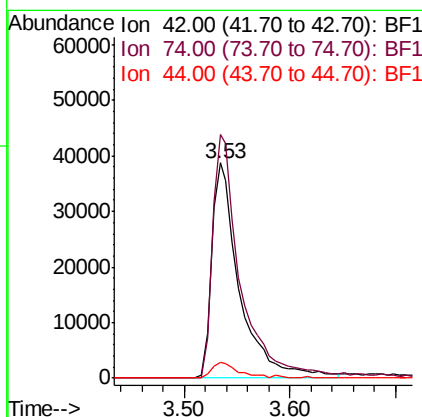
Manual Integrations
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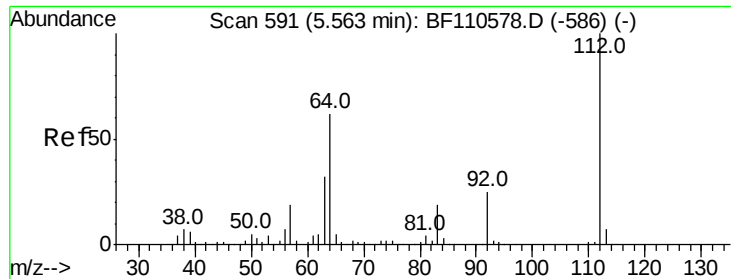
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#4
 n-Nitrosodimethylamine
 Concen: 46.325 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion: 42 Resp: 71713
 Ion Ratio Lower Upper
 42 100
 74 113.1 105.5 158.3
 44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 134.338 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

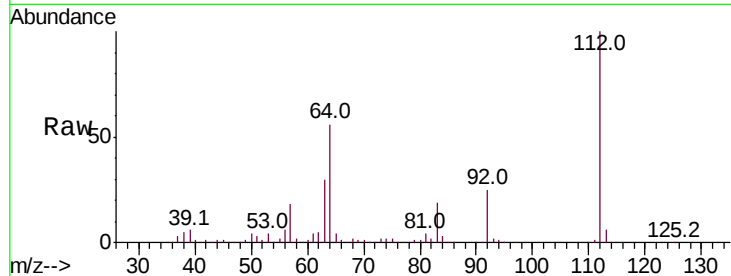
ClientSampleId :

NON-UST-03R-AMS

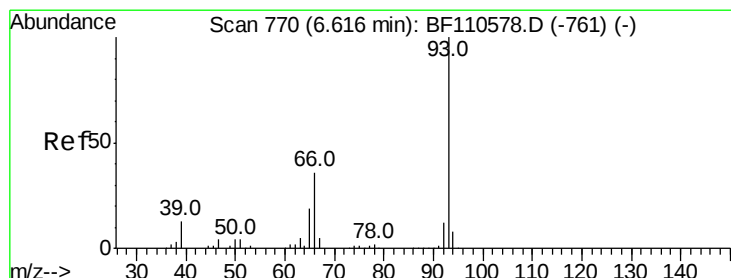
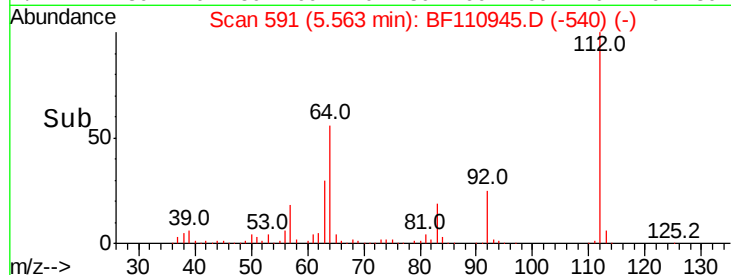
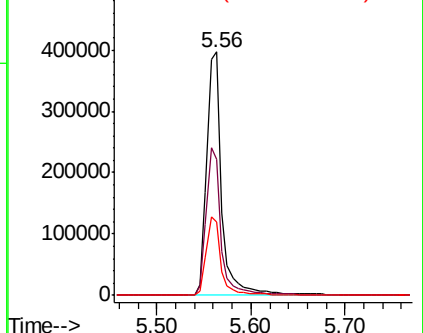
Tot Ion:	112	Resp:	450656
Ion Ratio	Lower	Upper	
112	100		
64	56.0	44.1	66.1
63	30.1	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.753 ng

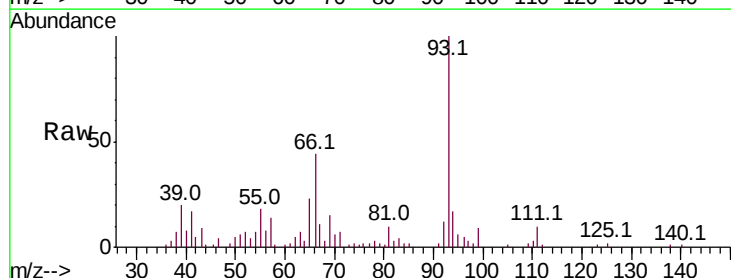
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

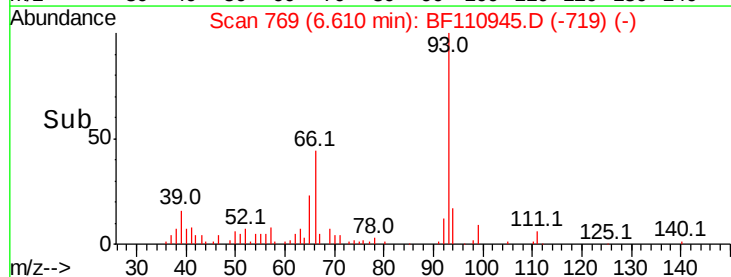
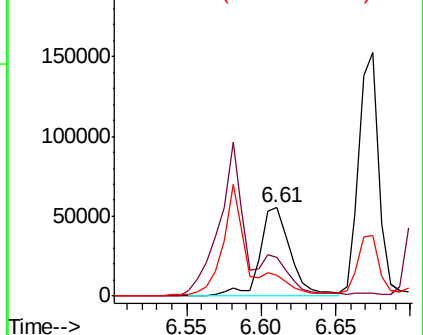
Lab File: BF110945.D

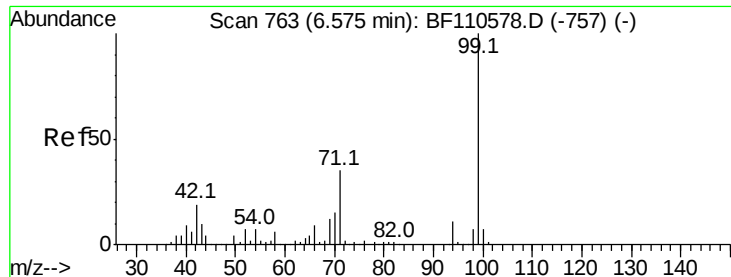
Acq: 23 Nov 2018 15:45

Tgt Ion:	93	Resp:	76937
Ion Ratio	Lower	Upper	
93	100		
66	43.9	67.4	101.0#
65	23.3	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.000 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

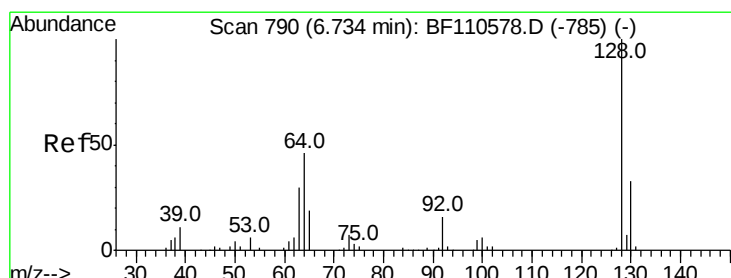
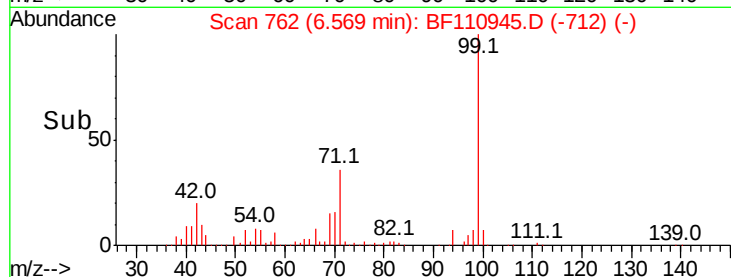
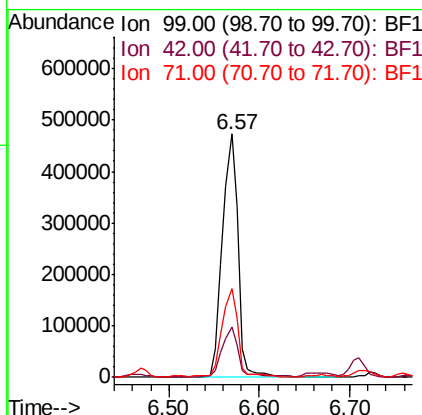
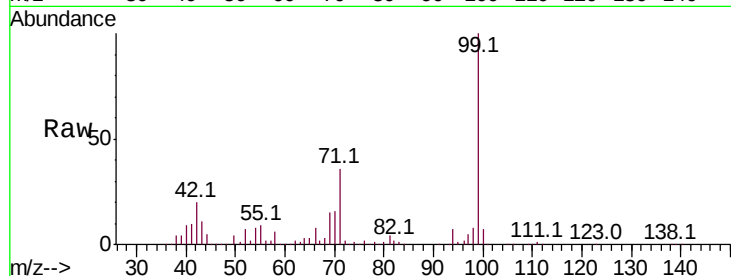
ClientSampleId :

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Tot Ion:	99	Resp:	553383
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.8	23.6
71	36.4	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.205 ng

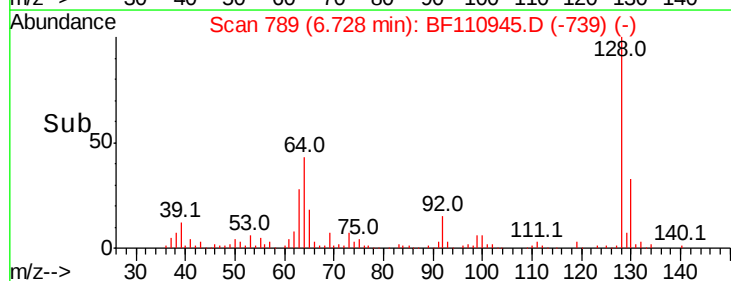
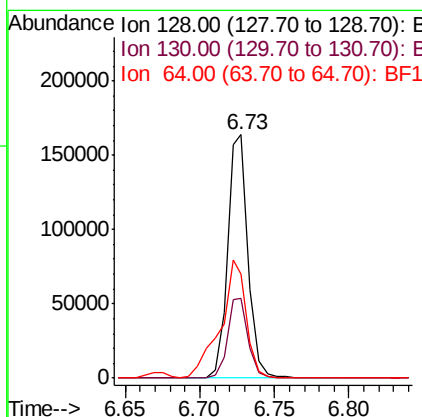
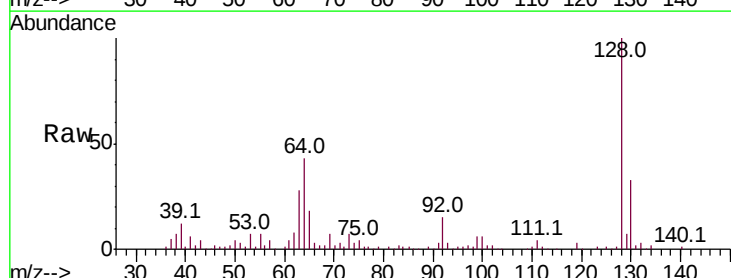
RT: 6.73 min Scan# 789

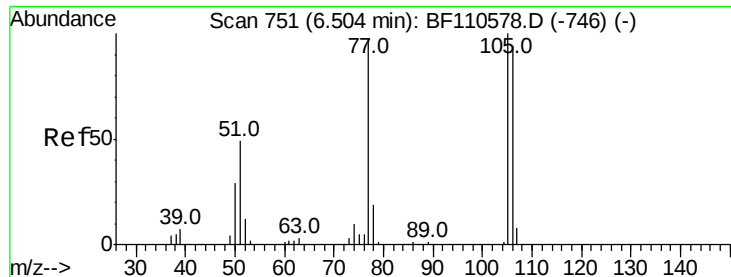
Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:	128	Resp:	158110
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.1	53.1
64	42.9	26.0	66.0





#9

Benzaldehyde

Concen: 26.138 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

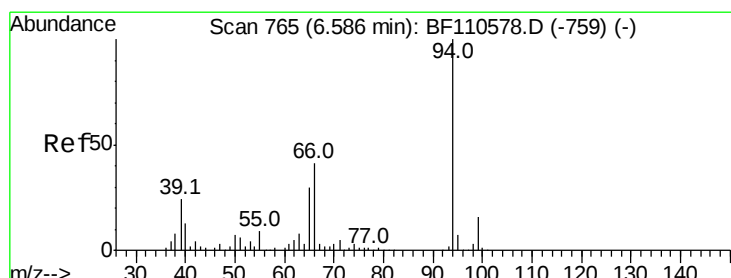
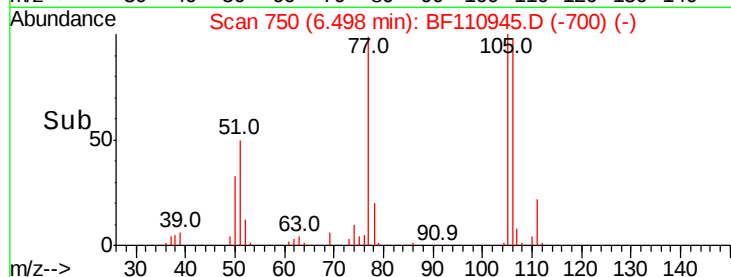
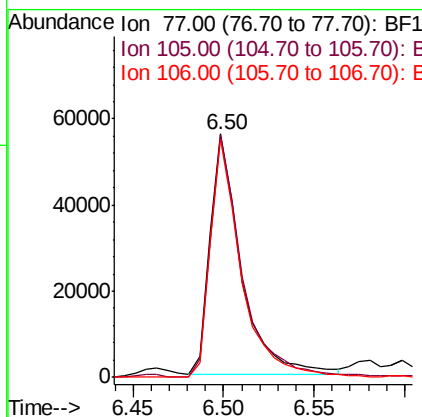
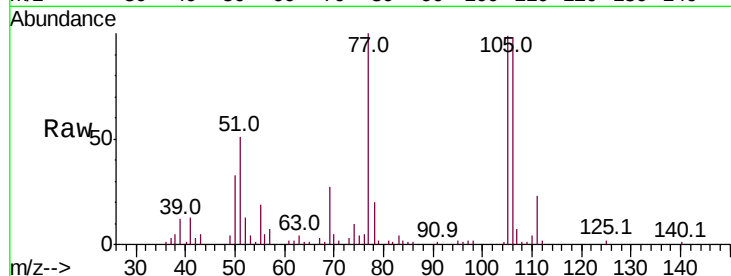
ClientSampleId :

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Tot Ion:	77	Resp:	66067
Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.6	118.6
106	97.8	74.8	114.8

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#10

Phenol

Concen: 43.049 ng

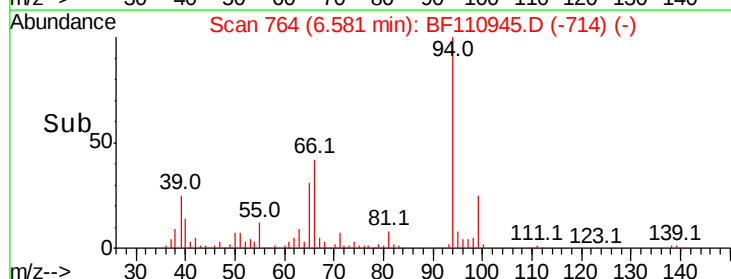
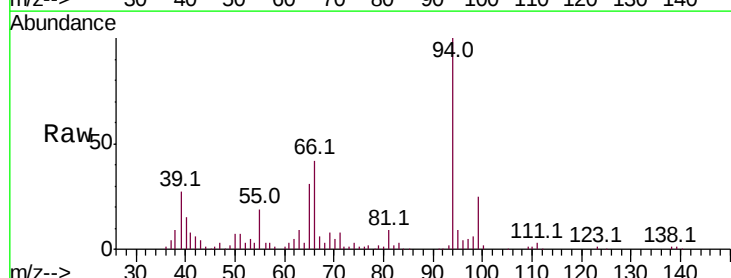
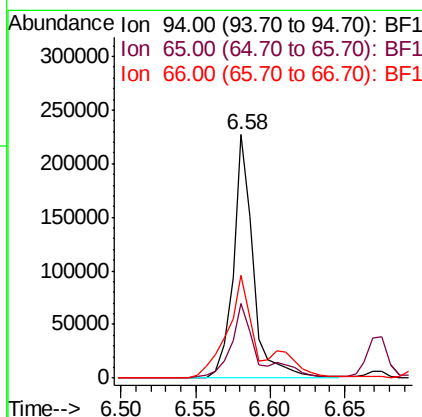
RT: 6.58 min Scan# 764

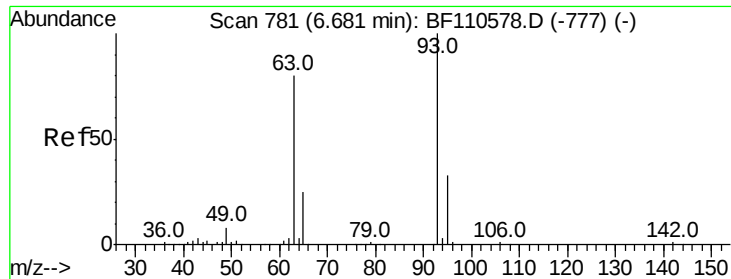
Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:	94	Resp:	214133
Ion	Ratio	Lower	Upper
94	100		
65	30.8	25.3	65.3
66	42.4	54.5	94.5#





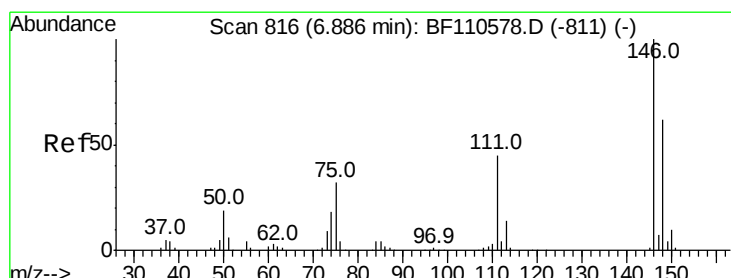
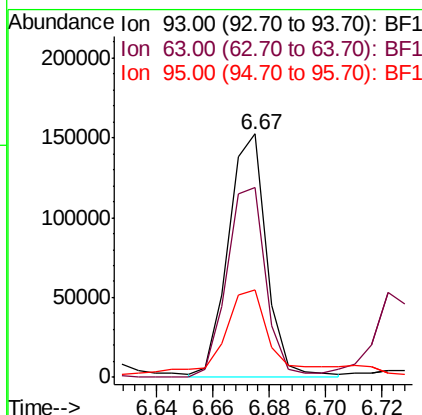
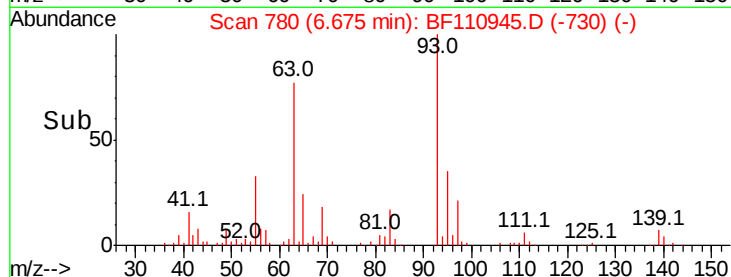
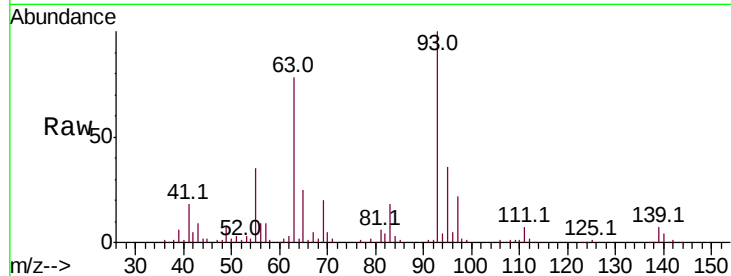
#11
bis(2-Chloroethyl)ether
Concen: 38.244 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	93	Ratio	100	Resp	142566
Ion	93	100		Lower	Upper
	63	77.7		53.4	93.4
	95	35.7		12.1	52.1

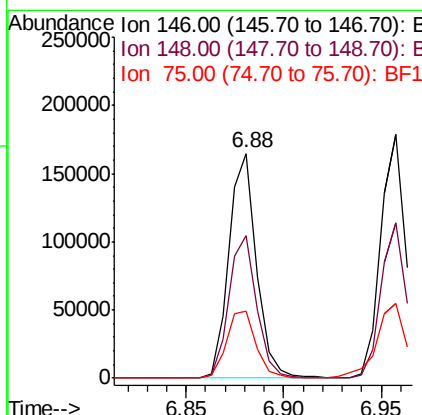
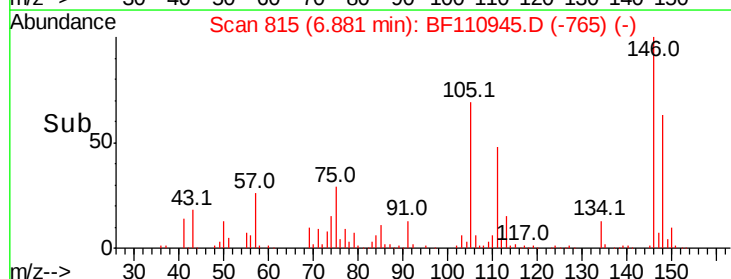
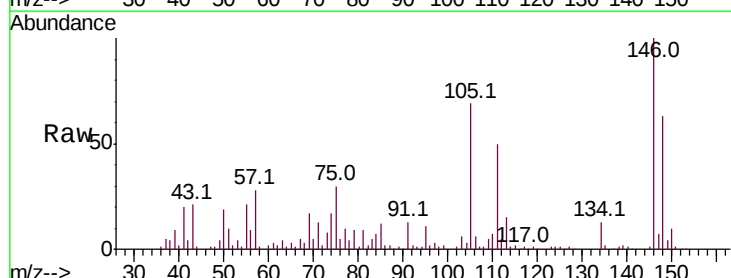
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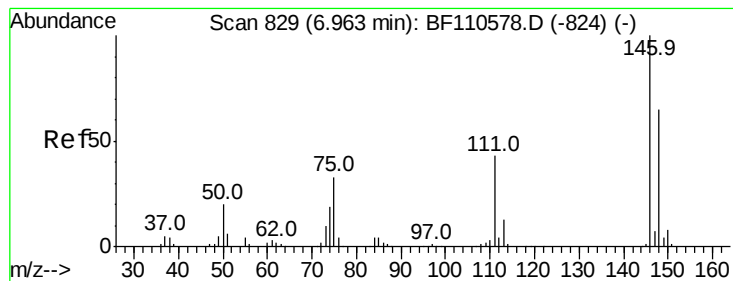
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#12
1,3-Dichlorobenzene
Concen: 37.487 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	146	Ratio	100	Resp	161303
Ion	146	100		Lower	Upper
	148	63.4		50.4	75.6
	75	29.7		25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 38.129 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

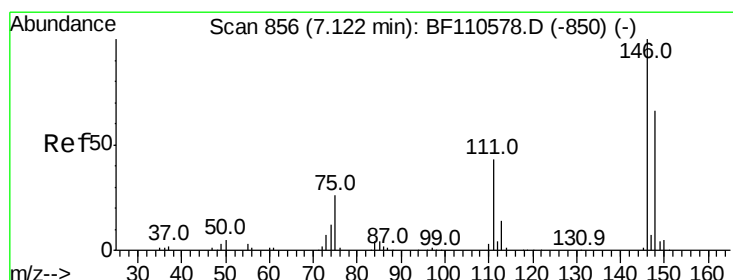
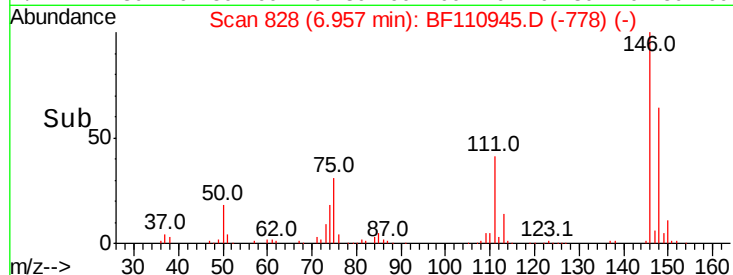
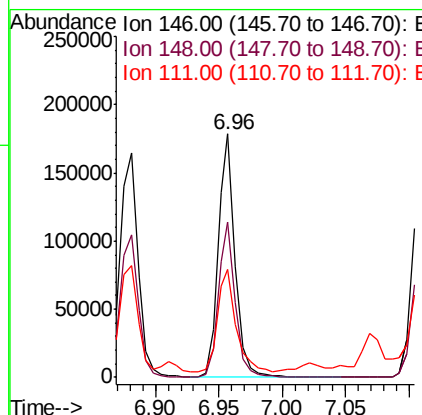
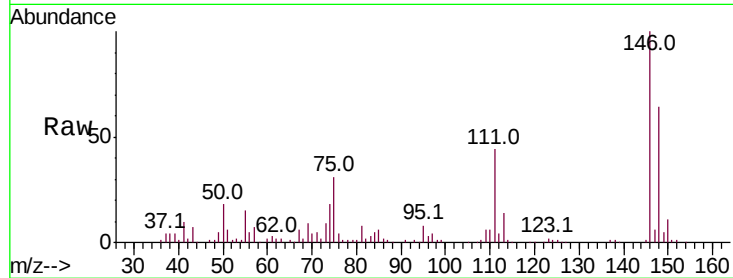
ClientSampleId :

NON-UST-03R-AMS

Tot Ion:	146	Resp:	166600
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.3	75.5
111	44.5	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 38.143 ng

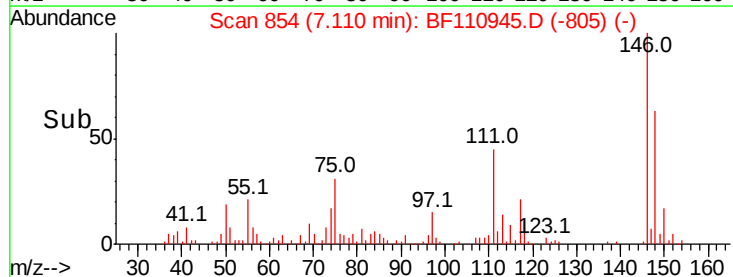
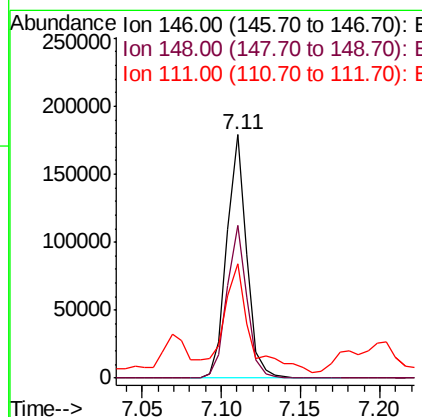
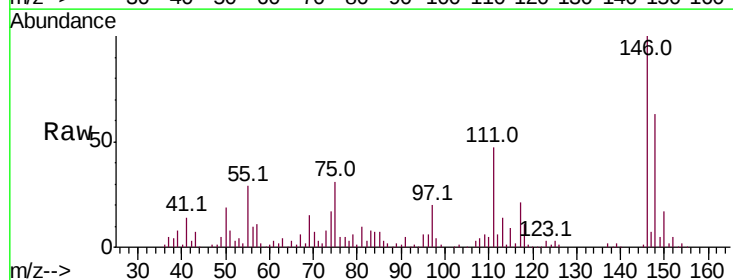
RT: 7.11 min Scan# 854

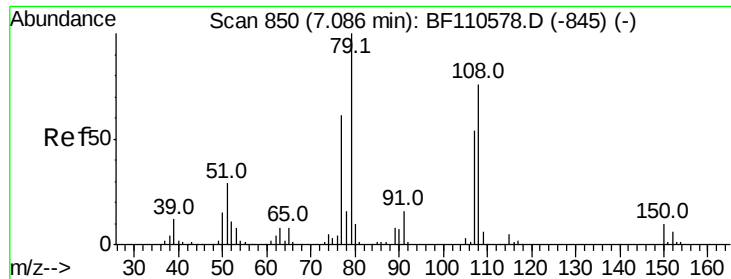
Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:	146	Resp:	155043
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.1	76.7
111	47.1	35.8	53.6





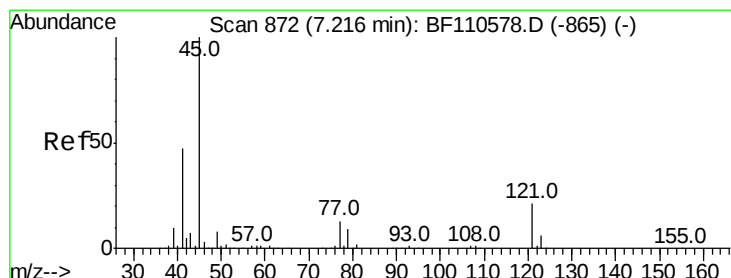
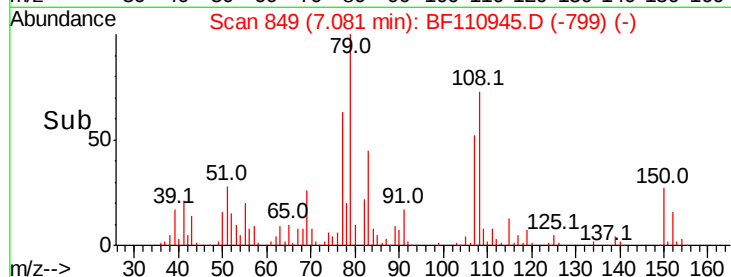
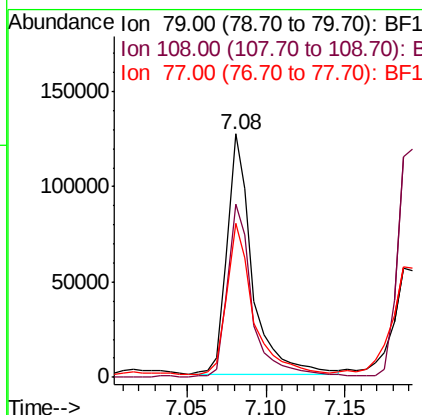
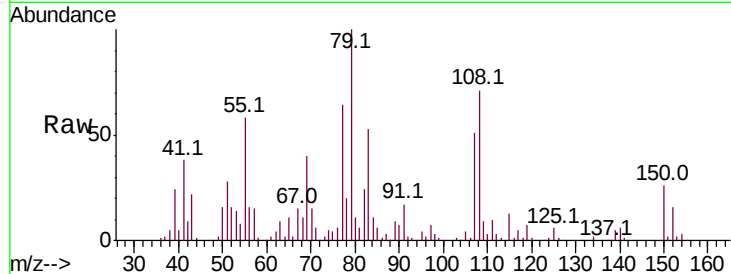
#15
Benzyl Alcohol
Concen: 41.289 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion:	79	Resp:	138608
Ion Ratio	Lower	Upper	
79	100		
108	71.4	56.3	84.5
77	63.5	52.9	79.3

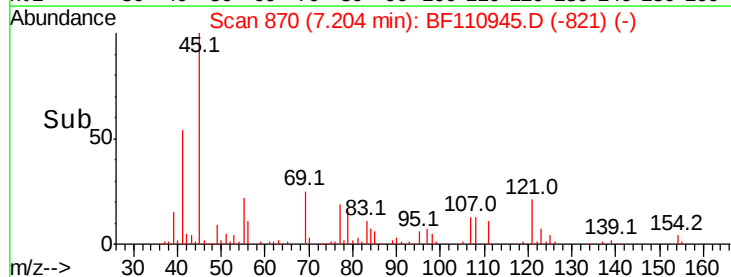
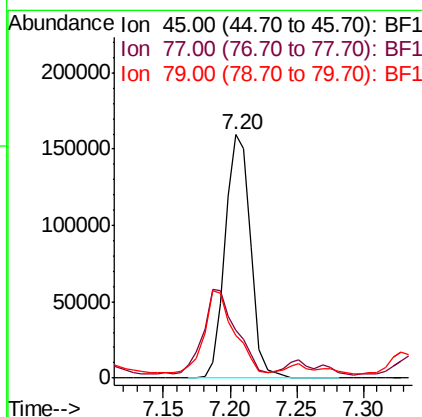
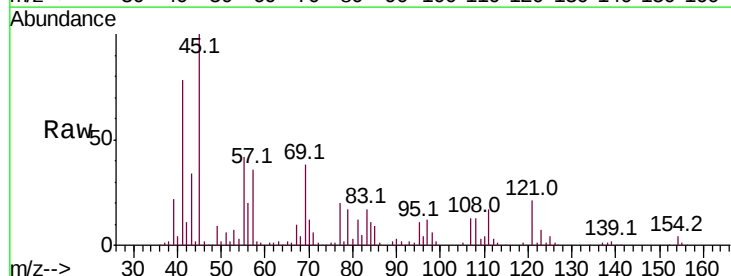
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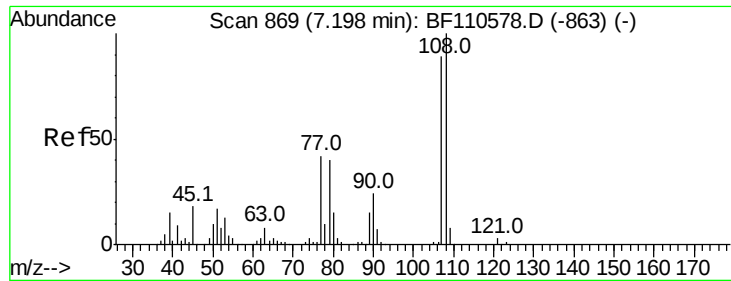
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.551 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:	45	Resp:	213973
Ion Ratio	Lower	Upper	
45	100		
77	19.9	10.0	50.0
79	17.4	6.1	46.1





#17

2-Methylphenol

Concen: 38.645 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

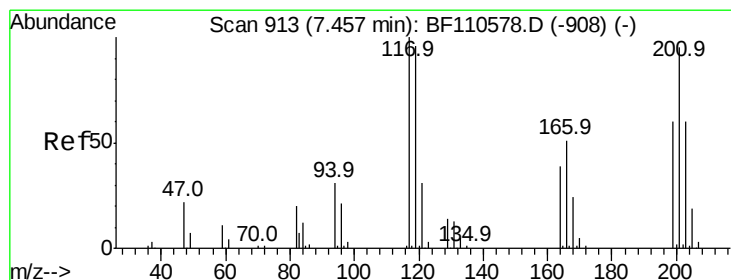
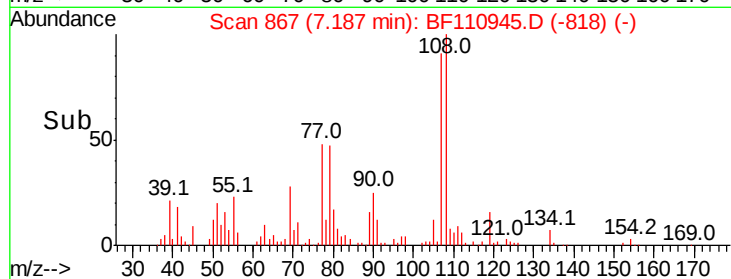
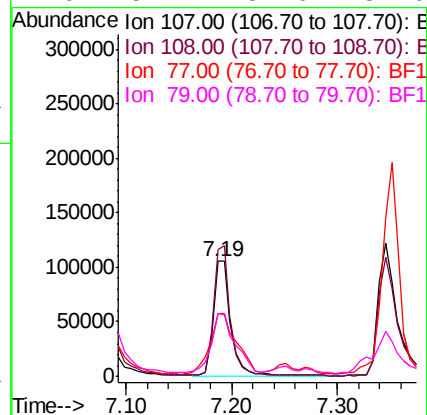
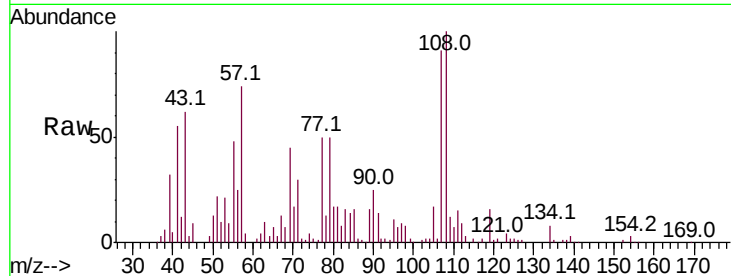
ClientSampleId :

NON-UST-03R-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	109.7	92.6	120952	138.8	
77	54.6	59.4		89.2#	
79	54.4	54.0		81.0	

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#18

Hexachloroethane

Concen: 38.183 ng

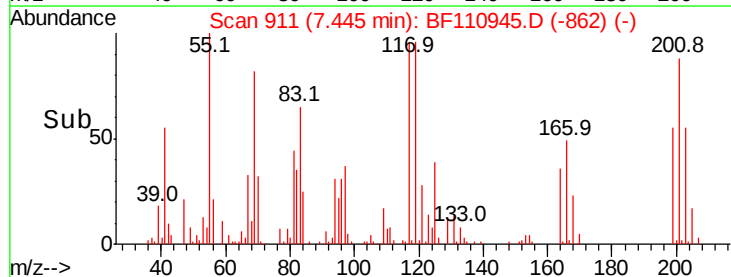
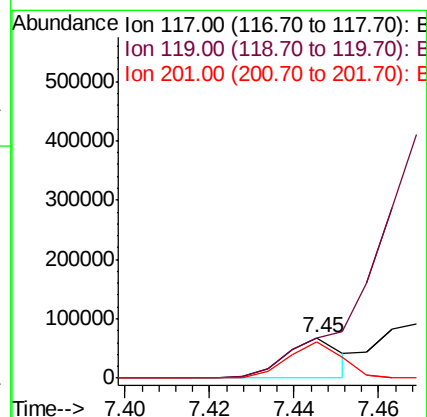
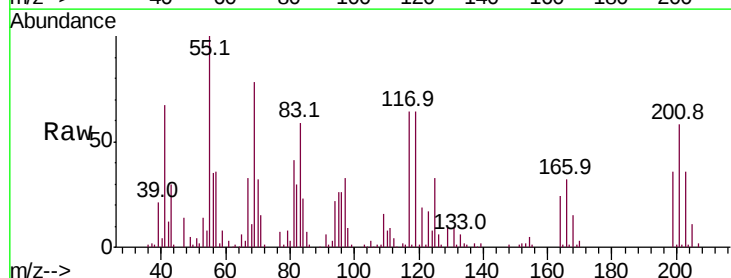
RT: 7.45 min Scan# 911

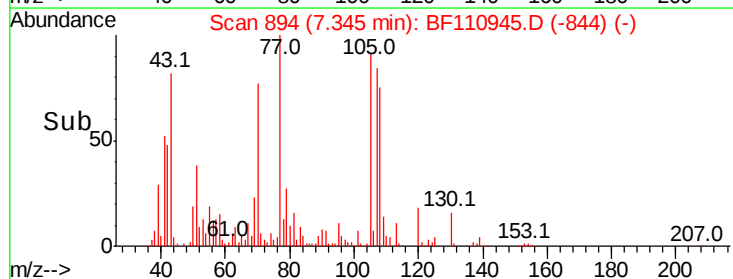
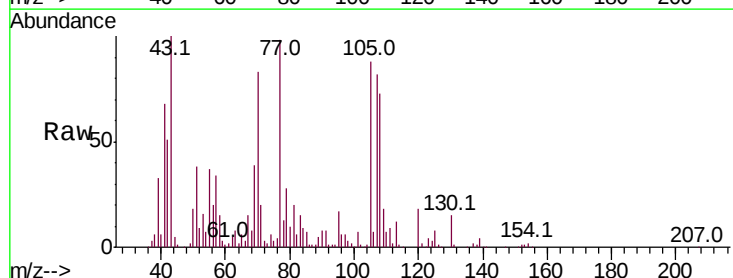
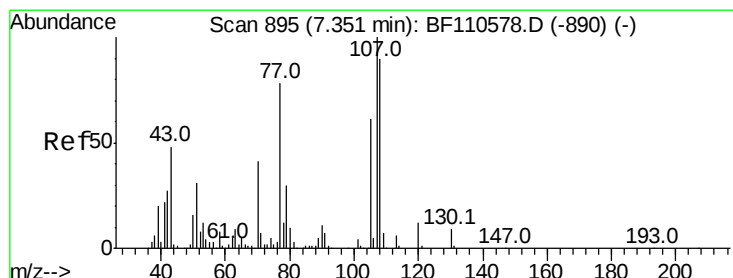
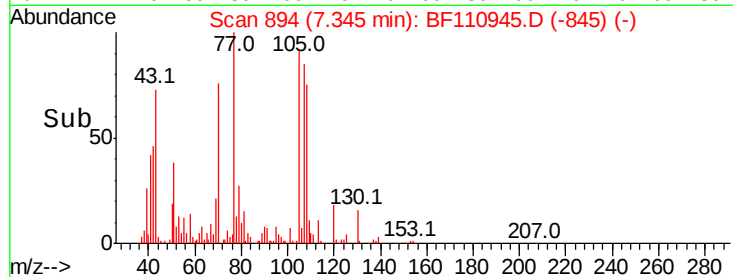
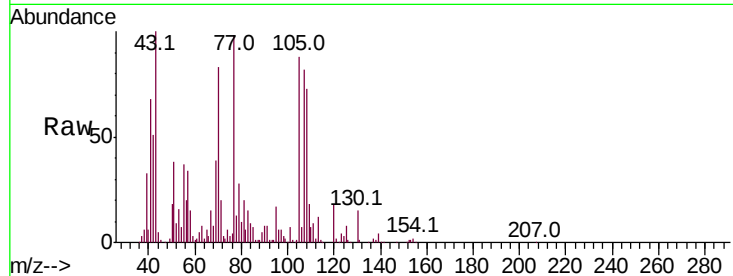
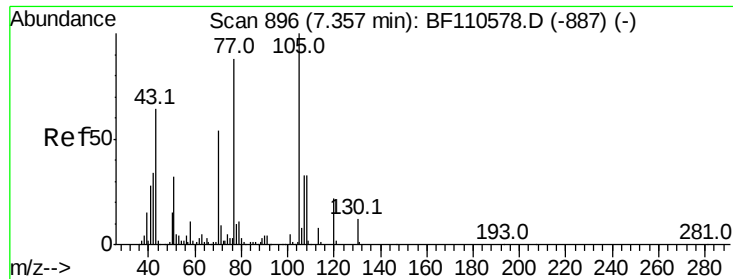
Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		61592		
119	100.9	75.0	112.6		
201	91.4	79.2	118.8		





#19

n-Nitroso-di-n-propylamine

Concen: 47.590 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110945.D

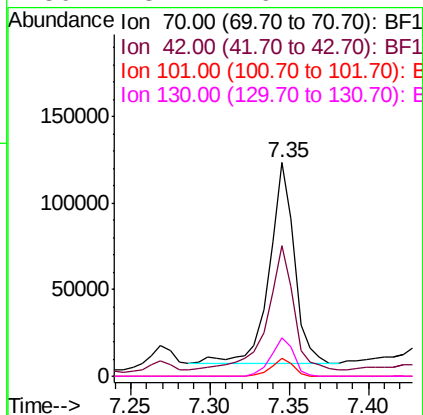
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	47.4	71.2	
101	8.6	7.3	10.9	
130	18.2	16.2	24.2	

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#20

3+4-Methylphenols

Concen: 38.712 ng

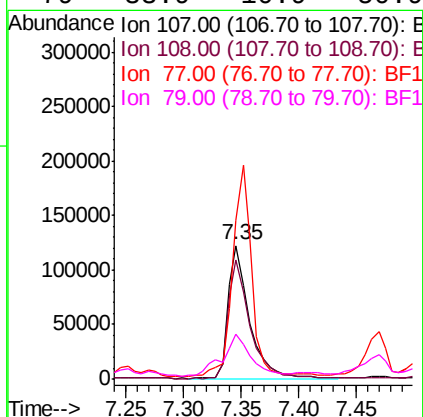
RT: 7.35 min Scan# 894

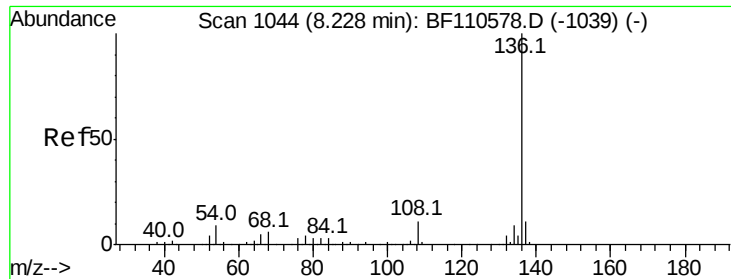
Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.4	111.4	
77	119.4	47.3	87.3#	
79	33.9	10.9	50.9	





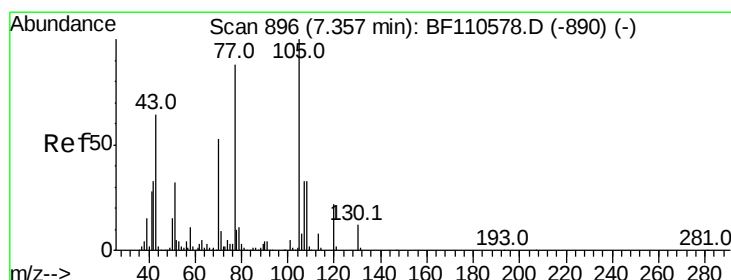
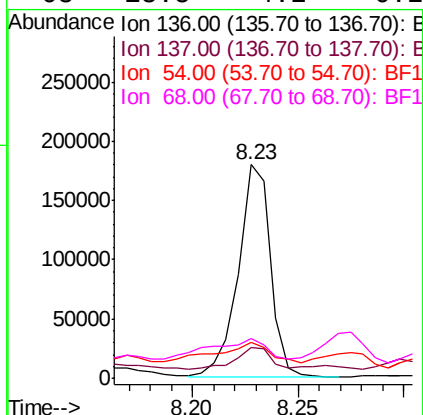
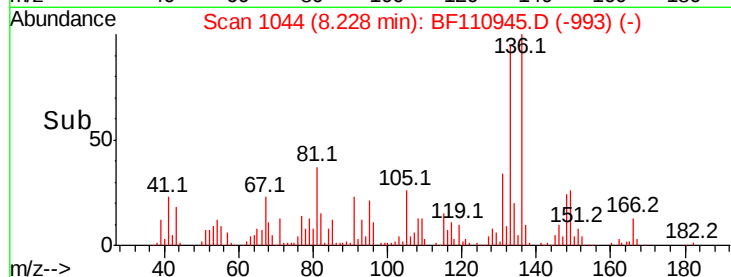
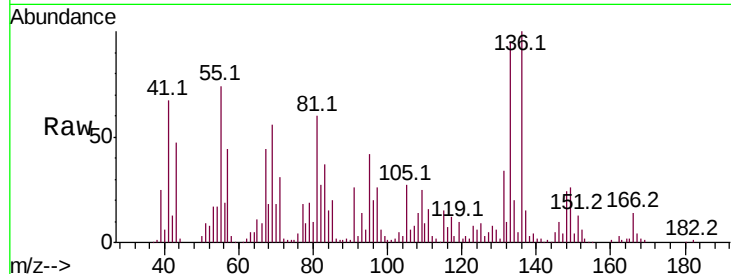
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	14.6	8.8	13.2#	
54	17.1	5.4	8.2#	
68	18.5	4.2	6.2#	

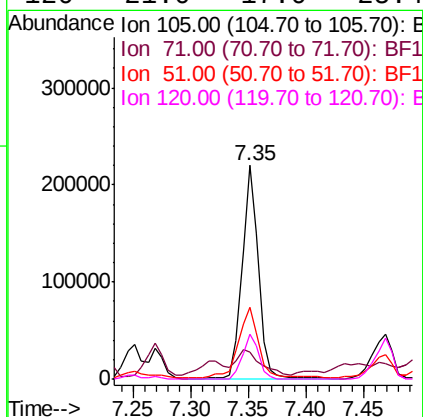
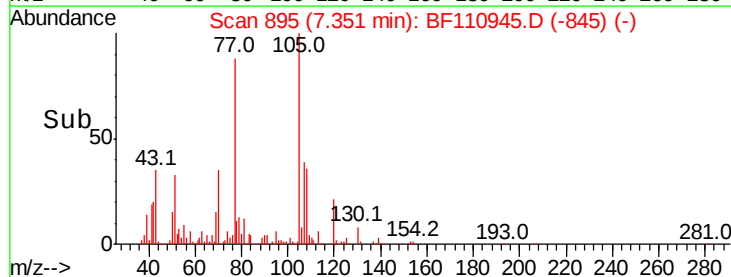
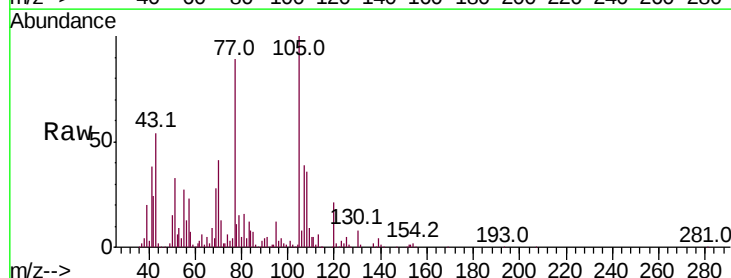
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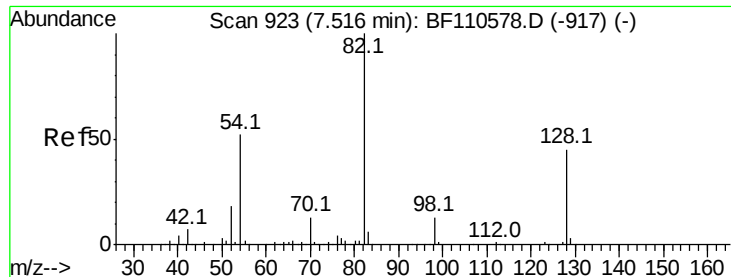
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#22
Acetophenone
Concen: 48.690 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	12.9	5.2	7.8#	
51	33.5	21.8	32.8#	
120	21.0	17.0	25.4	





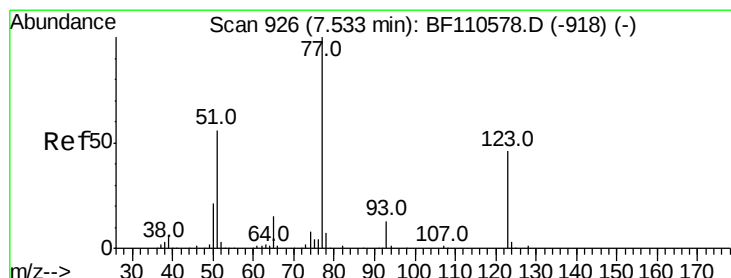
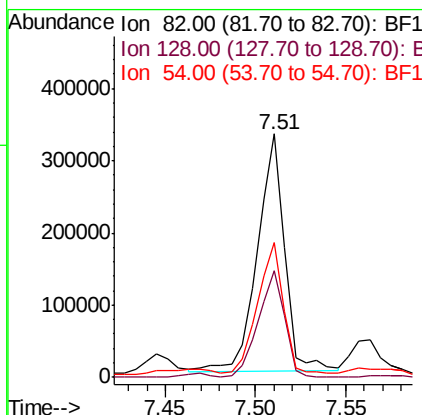
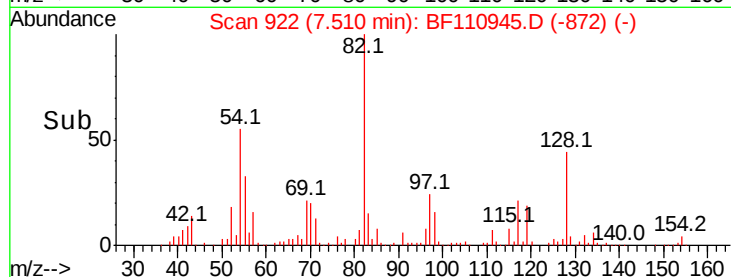
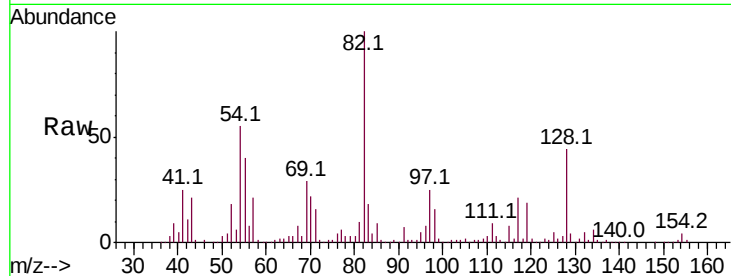
#23
 Nitrobenzene-d5
 Concen: 105.736 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	55.1	38.6	58.0

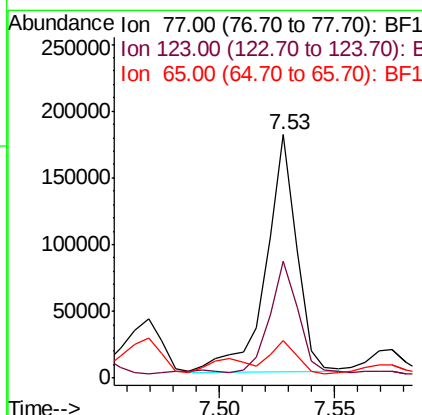
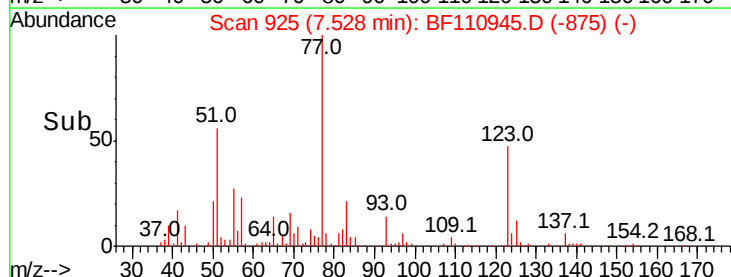
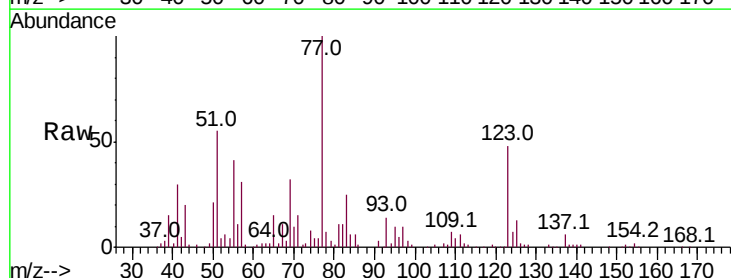
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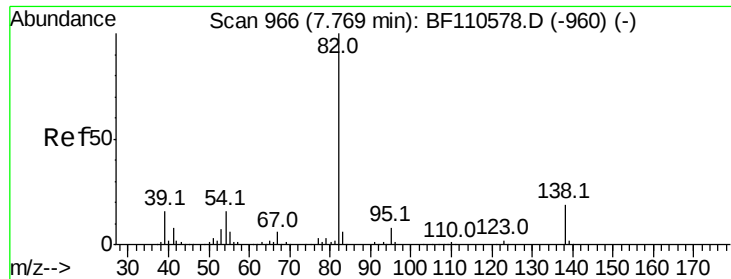
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#24
 Nitrobenzene
 Concen: 49.183 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.7	53.5
65	15.2	10.7	16.1





#25

Isophorone

Concen: 62.459 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

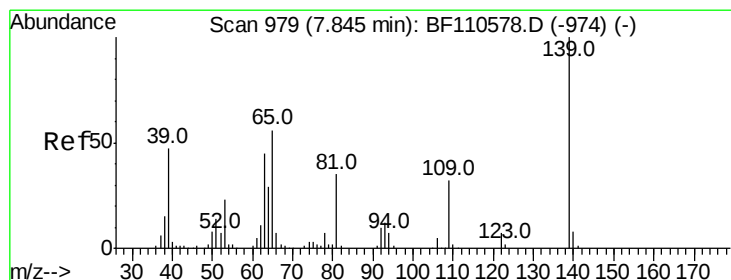
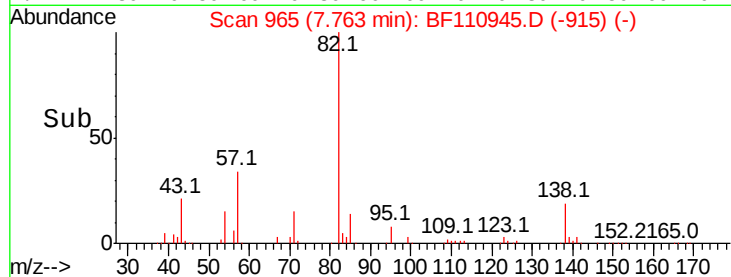
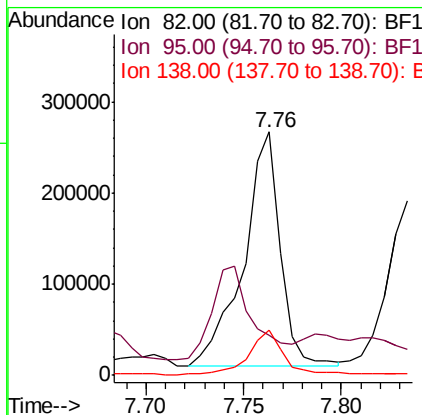
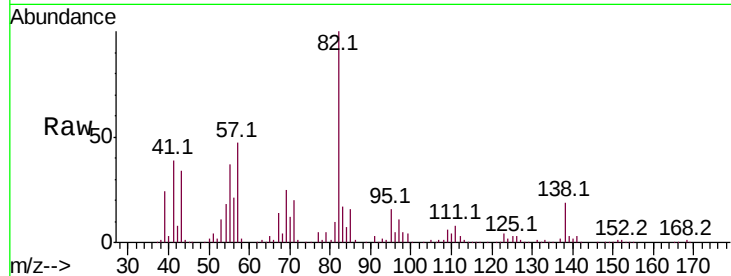
NON-UST-03R-AMS

Tot Ion: 82 Resp: 334481

Ion	Ratio	Lower	Upper
82	100		
95	16.3	5.7	8.5#
138	18.7	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.866 ng

RT: 7.85 min Scan# 979

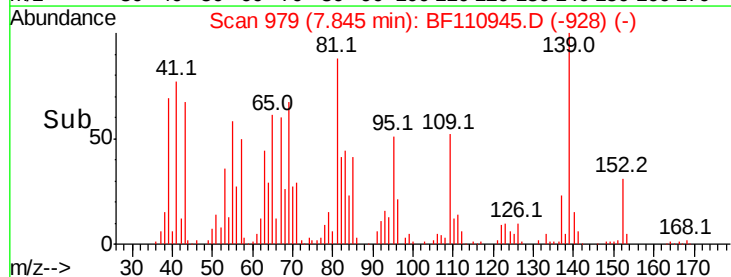
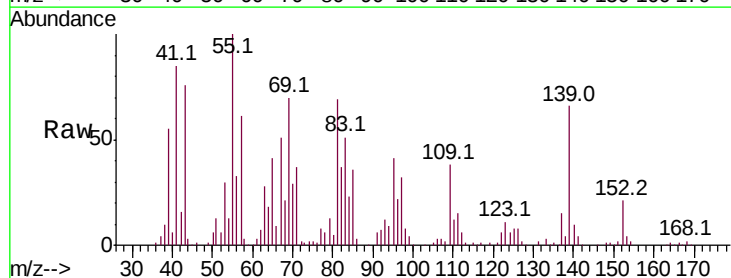
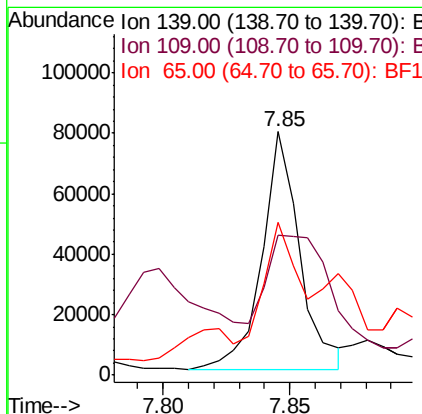
Delta R.T. 0.00 min

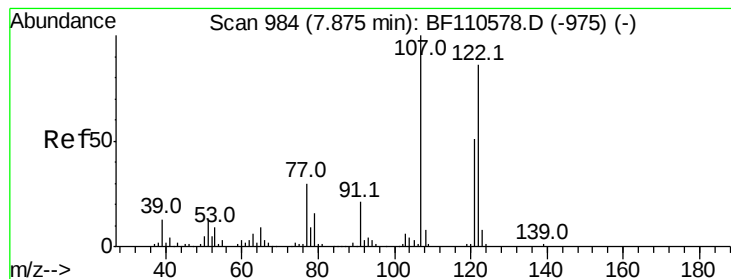
Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion: 139 Resp: 81607

Ion	Ratio	Lower	Upper
139	100		
109	57.4	25.0	37.6#
65	62.6	44.0	66.0





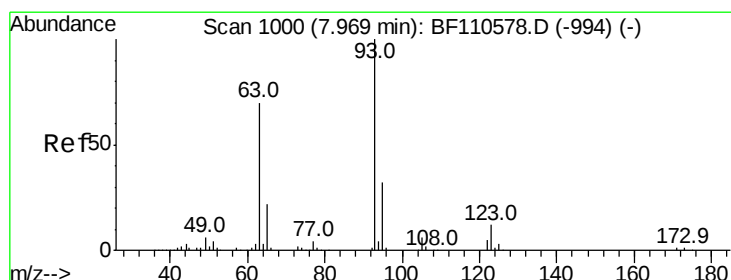
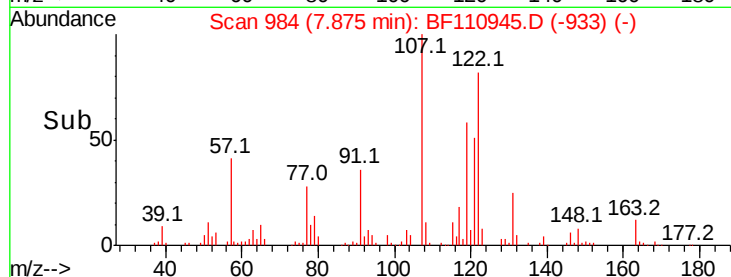
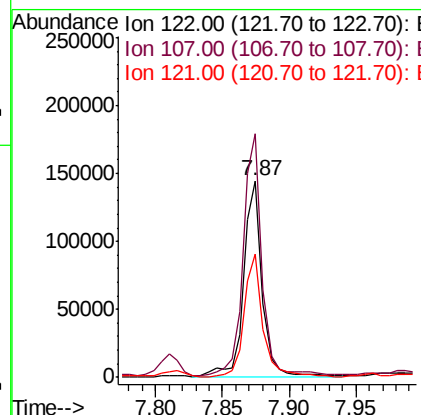
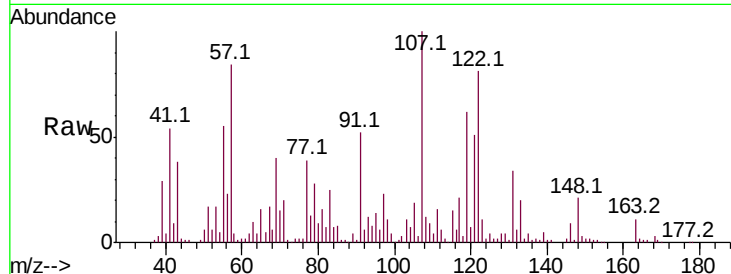
#27
2,4-Dimethylphenol
Concen: 54.696 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	139113		
107	124.0	92.5	138.7	
121	62.9	45.8	68.8	

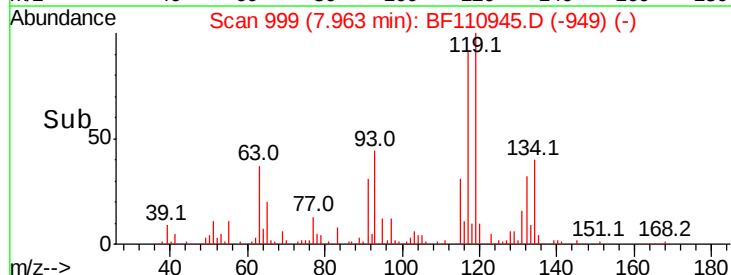
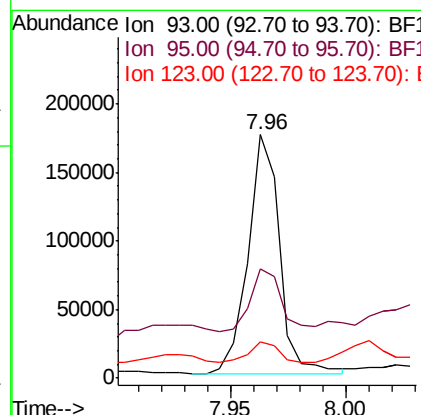
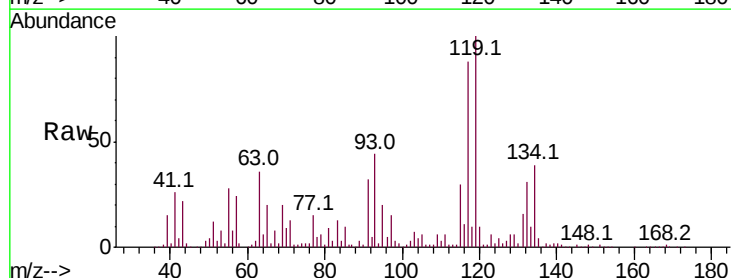
Manual Integrations
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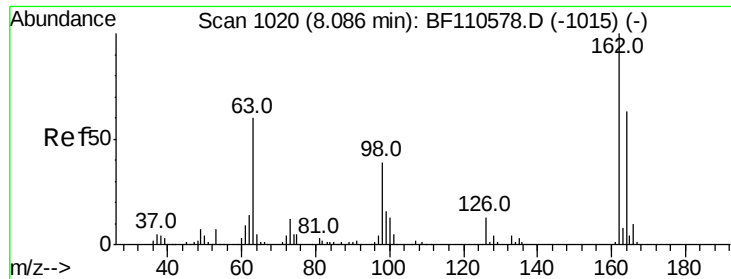
MOHAMMAD
11/26/2018 3:11:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.806 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	166086		
95	44.8	26.4	39.6#	
123	14.7	9.0	13.6#	





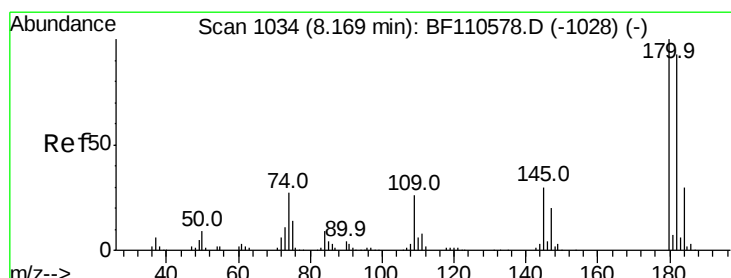
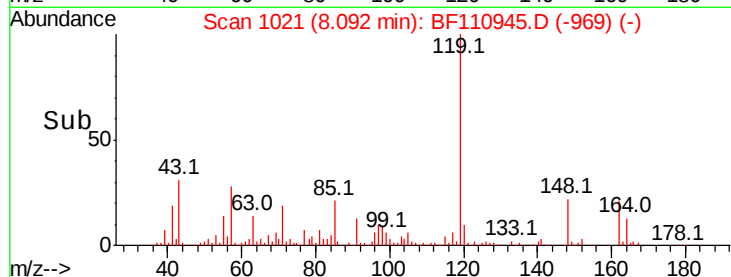
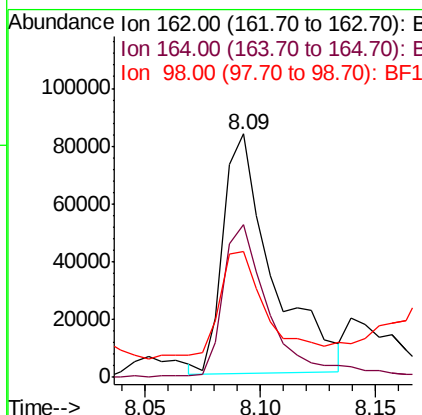
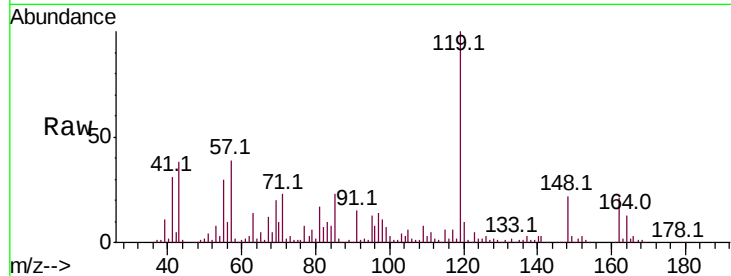
#29
 2,4-Dichlorophenol
 Concen: 47.153 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	123400		
164	62.7	44.6	84.6	
98	51.7	17.4	57.4	

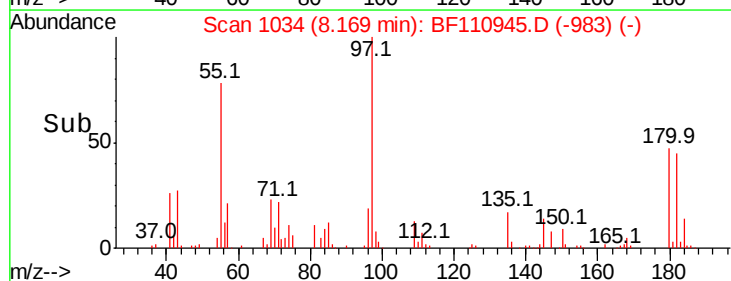
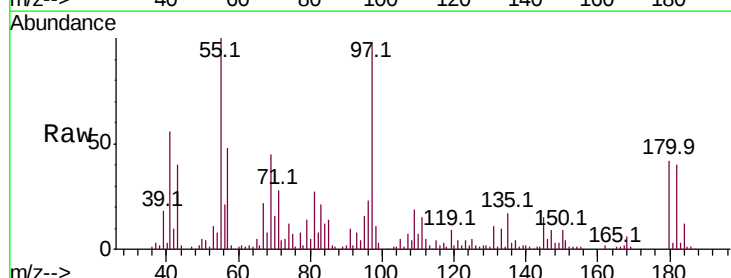
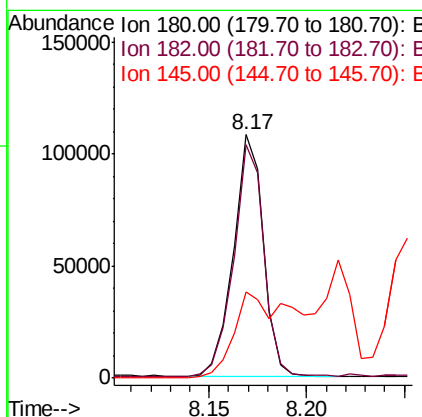
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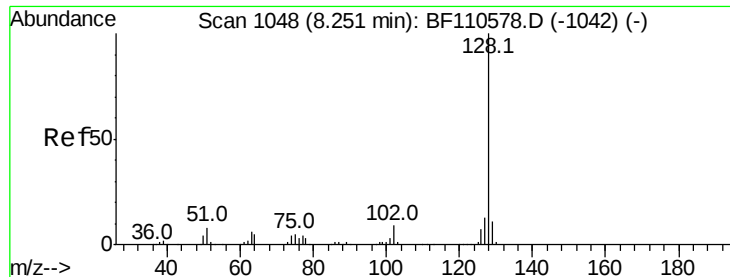
MOHAMMAD
 11/26/2018 3:11:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.794 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114468		
182	95.9	80.3	120.5	
145	35.1	25.4	38.0	





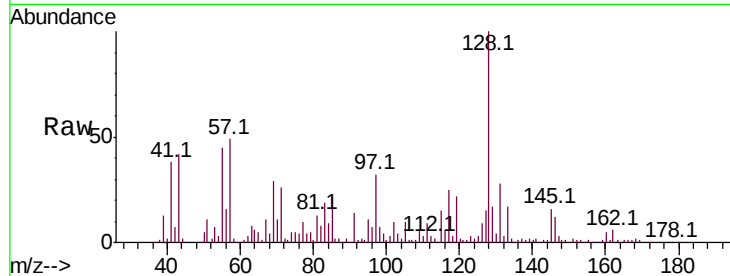
#31
Naphthalene
Concen: 51.184 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	16.5	8.8	13.2#	
127	15.3	10.8	16.2	

Manual Integrations
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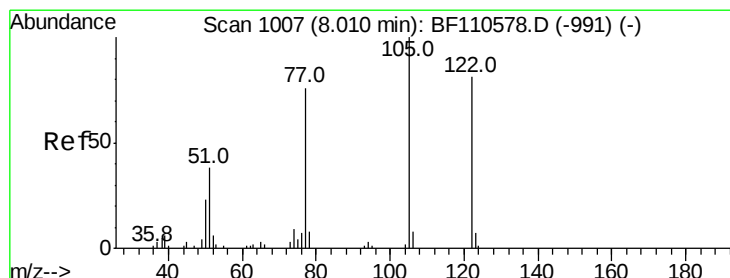
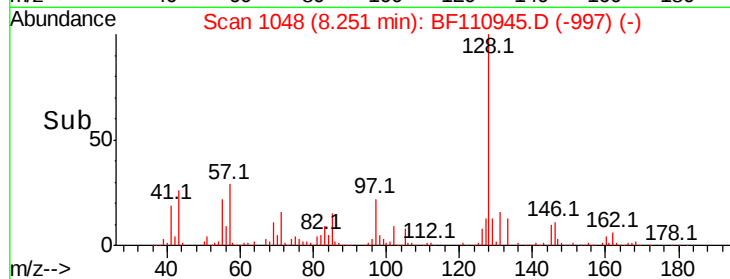
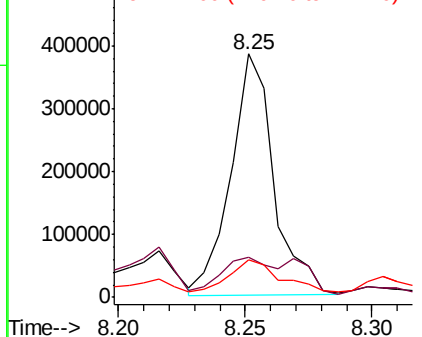


Abundance

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: 7.173 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

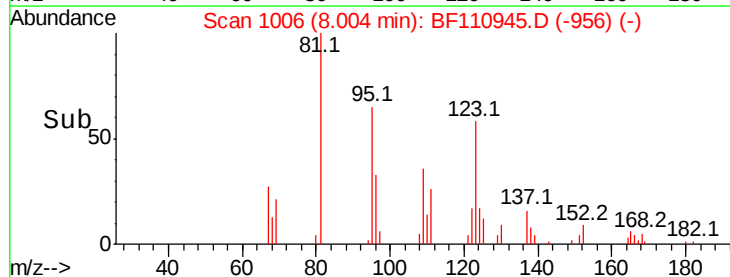
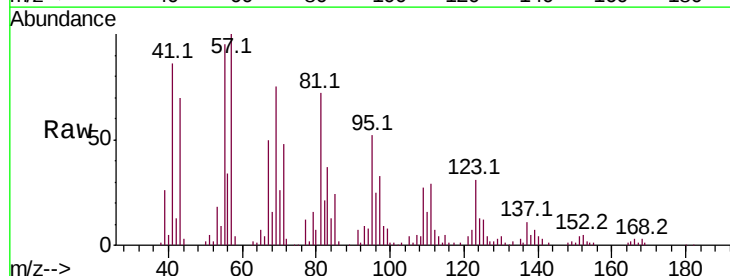
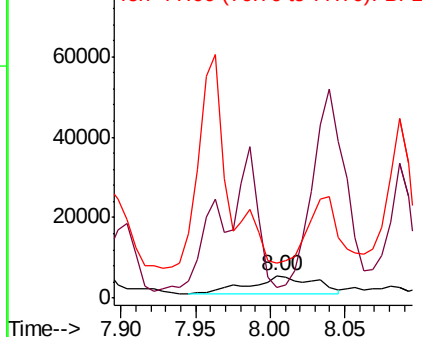
Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	49.9	109.0	149.0#	
77	158.4	79.0	119.0#	

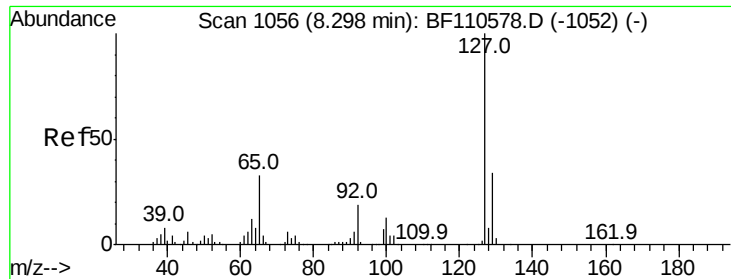
Abundance

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





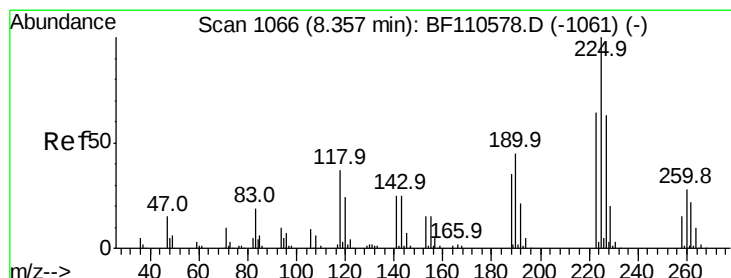
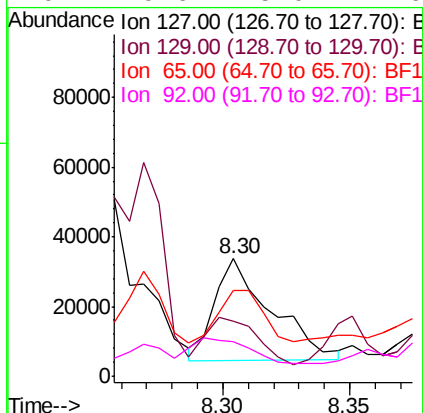
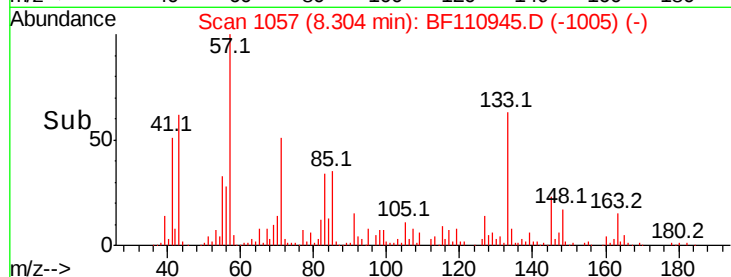
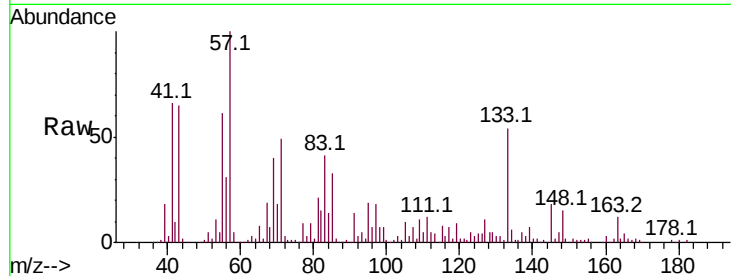
#33
4-Chloroaniline
Concen: 11.411 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	46.5	26.0	39.0#
65	72.8	25.1	37.7#
92	29.6	15.0	22.6#

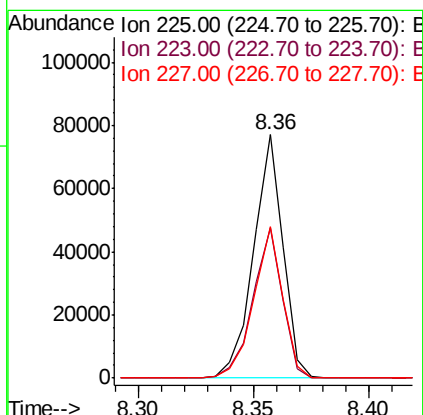
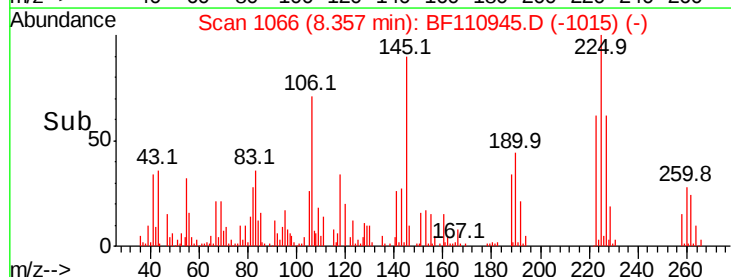
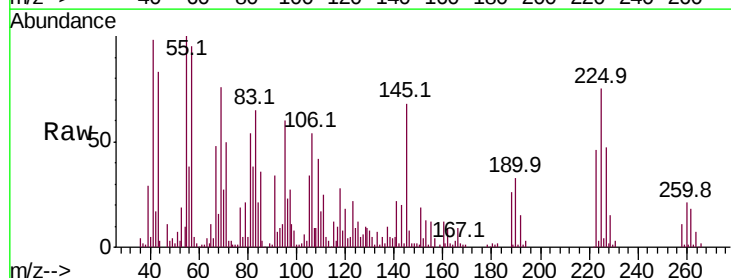
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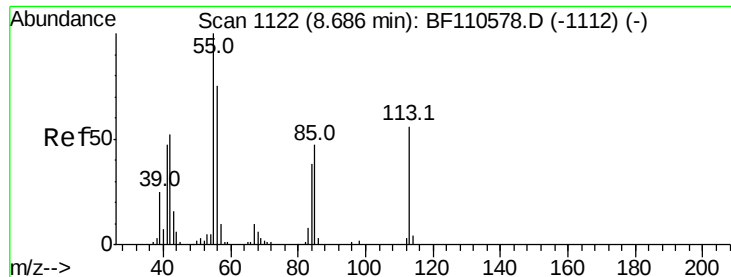
MOHAMMAD
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#34
Hexachlorobutadiene
Concen: 40.674 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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





#35

Caprolactam

Concen: 37.405 ng/mL

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tot Ion:113 Resp: 32705

Ion Ratio Lower Upper

113 100

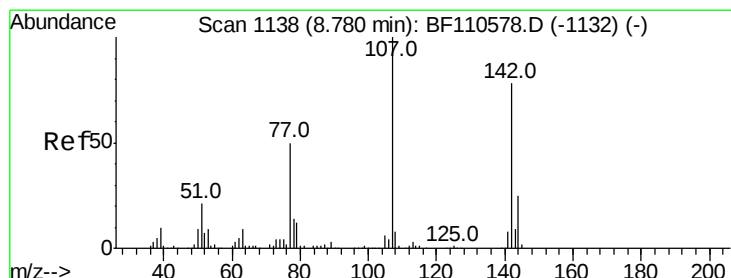
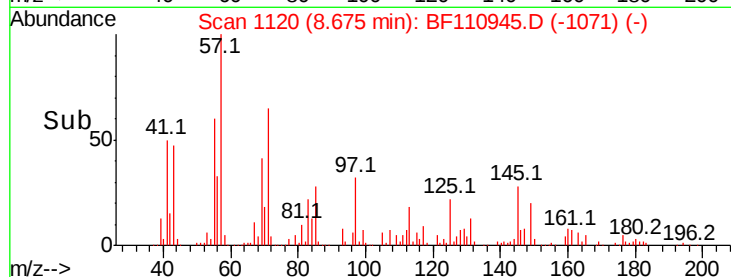
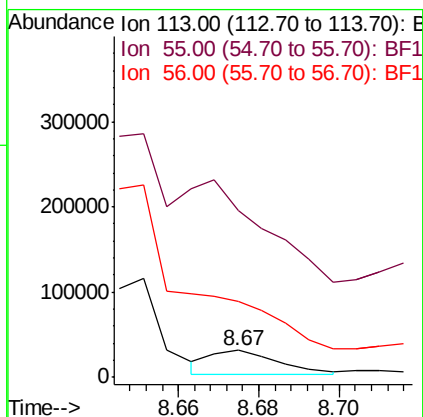
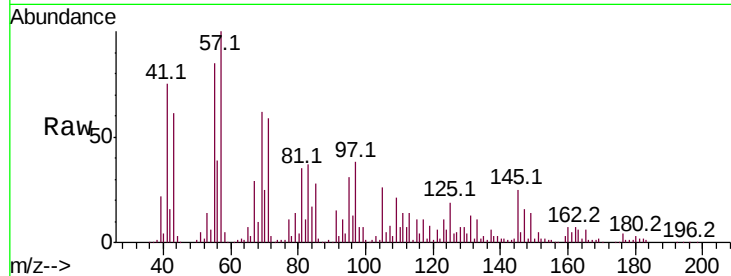
55 624.4 142.8 182.8#

56 285.4 105.0 145.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.387 ng/mL

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

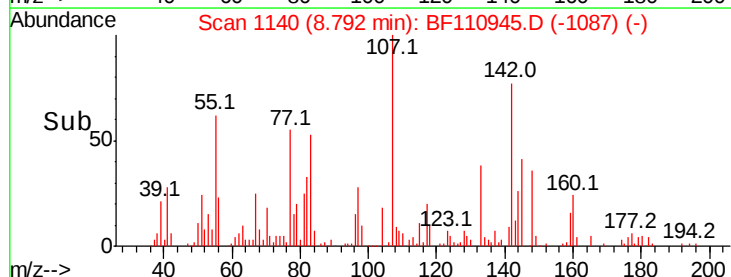
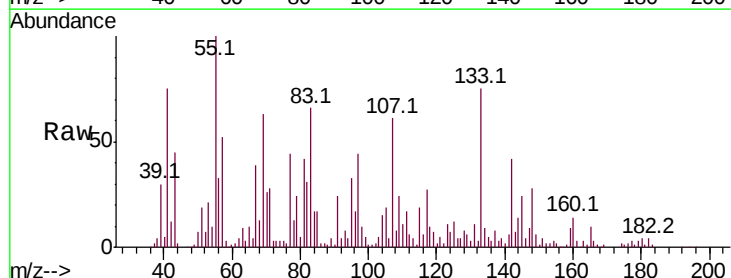
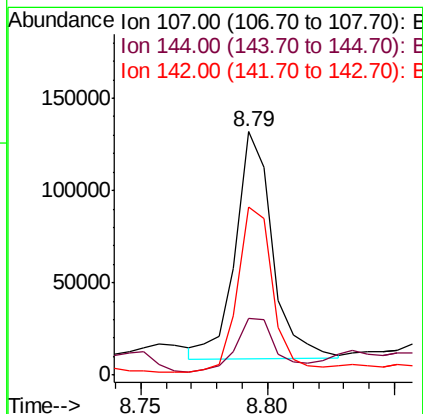
Tgt Ion:107 Resp: 125280

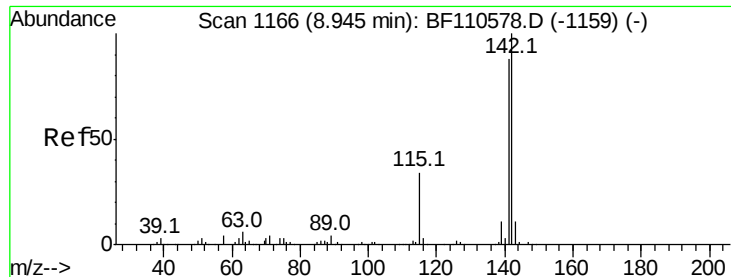
Ion Ratio Lower Upper

107 100

144 23.1 20.0 30.0

142 69.2 59.7 89.5





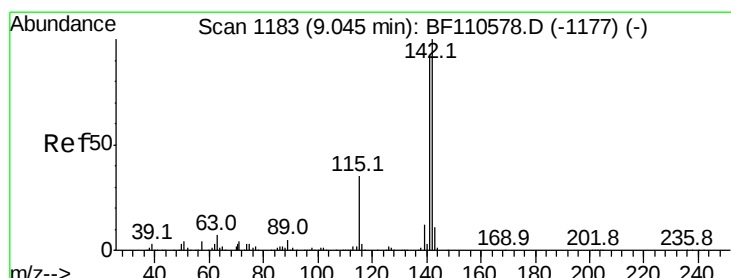
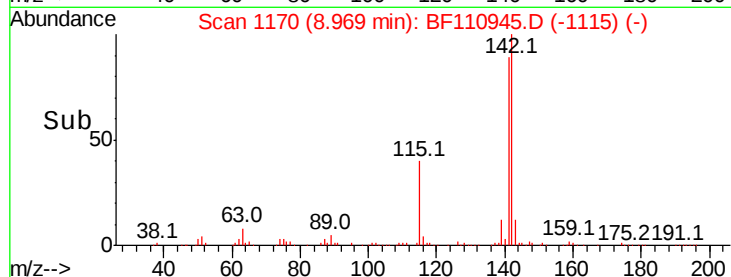
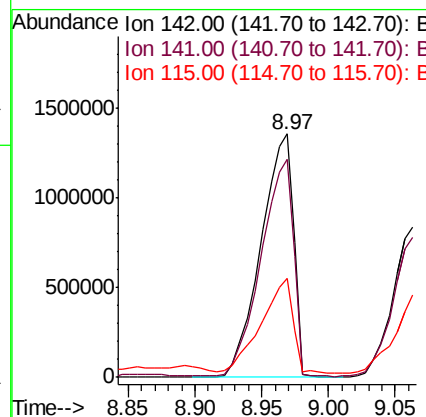
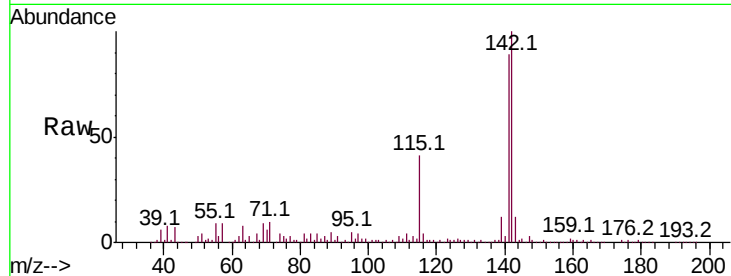
#37
2-Methylnaphthalene
Concen: 394.421 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	40.7	28.7	43.1

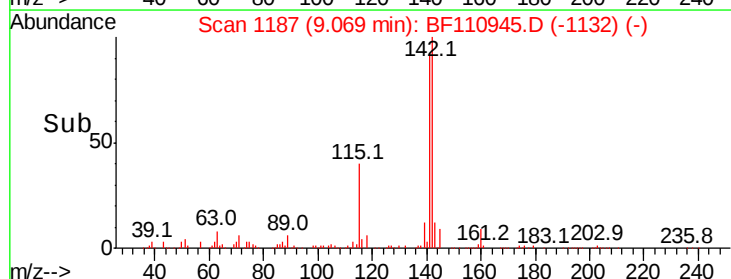
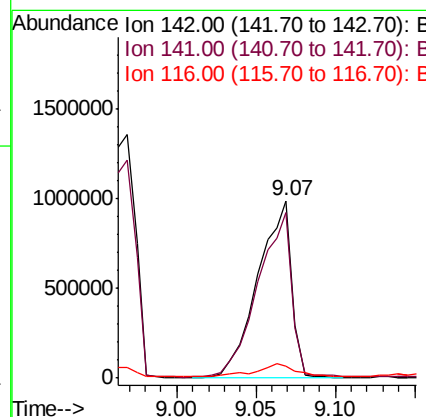
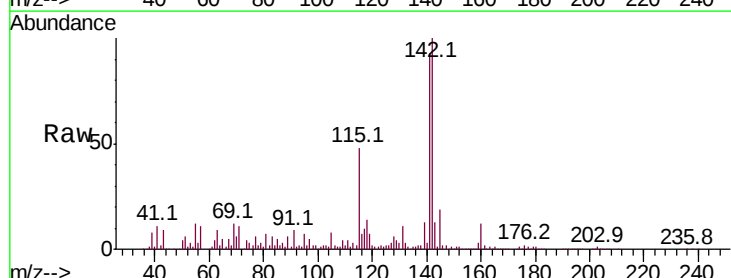
Manual Integrations
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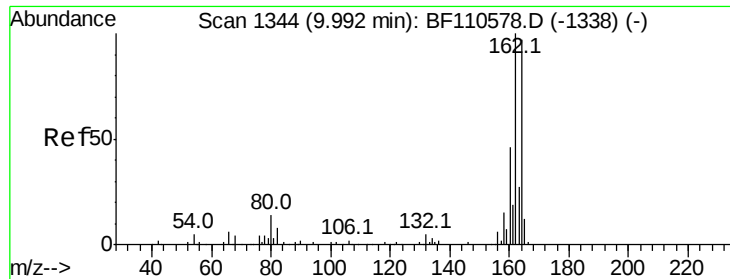
MOHAMMAD
11/26/2018 3:11:57 PM



#38
1-Methylnaphthalene
Concen: 261.956 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	6.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tot Ion:164 Resp: 90471

Ion Ratio Lower Upper

164 100

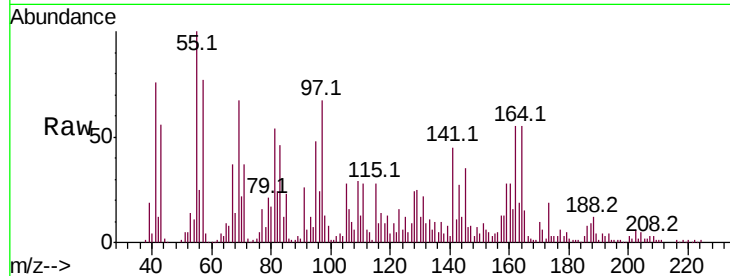
162 99.3 83.0 124.6

160 50.0 37.0 55.6

Manual Integrations
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MOHAMMAD

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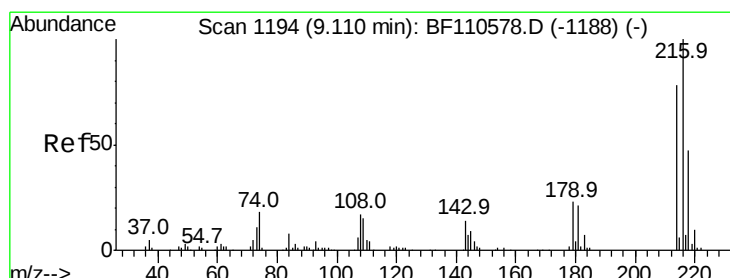
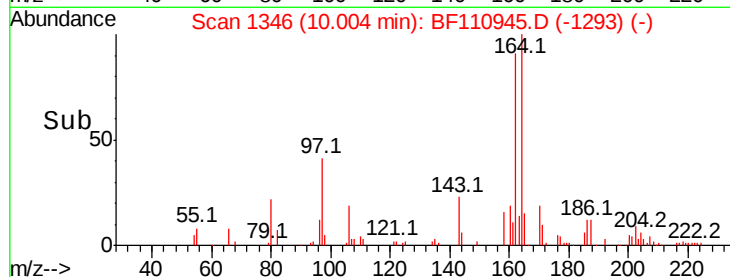
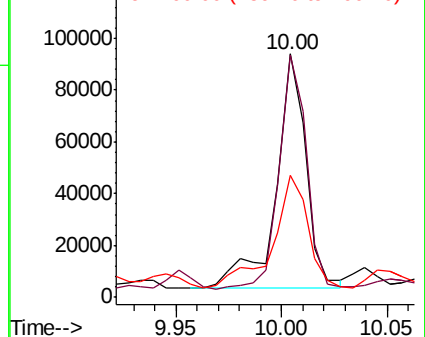


Abundance

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: 32.387 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:216 Resp: 92749

Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 30.1 16.6 25.0#

108 24.9 15.1 22.7#

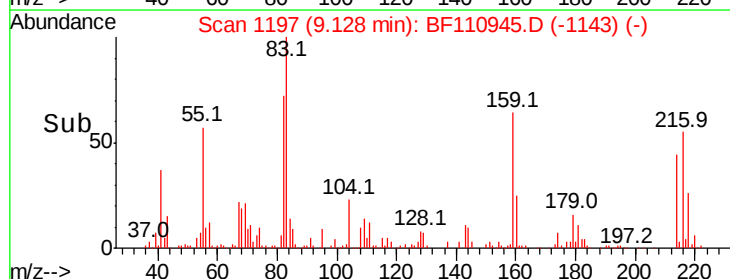
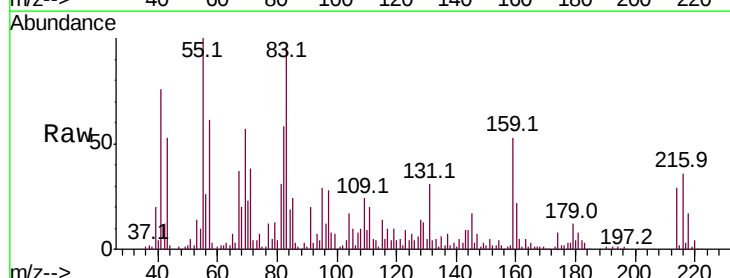
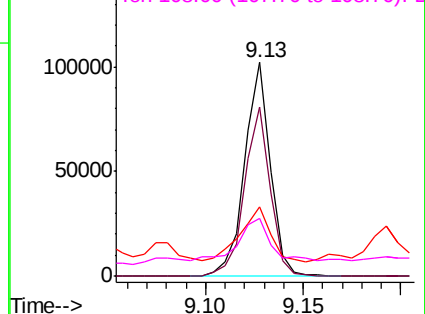
Abundance

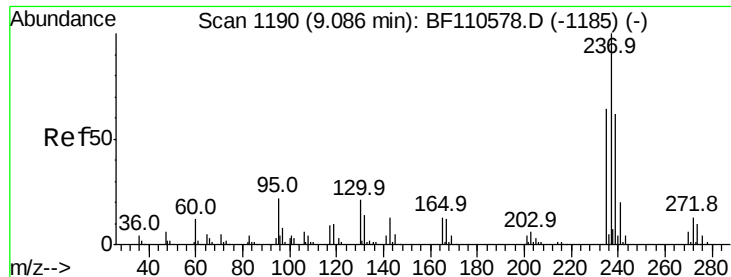
Ion 216.00 (215.70 to 216.70): E

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





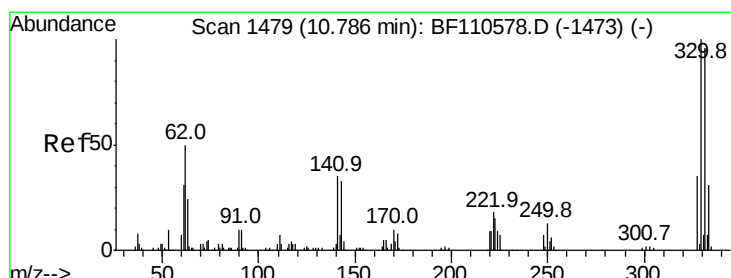
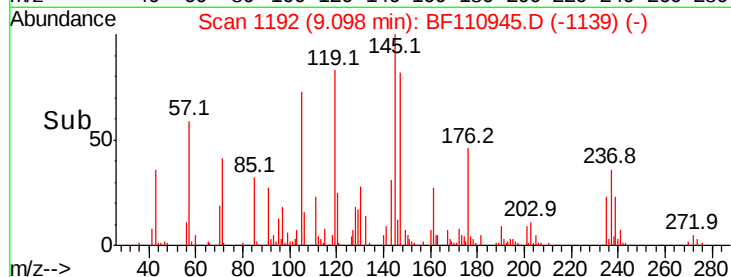
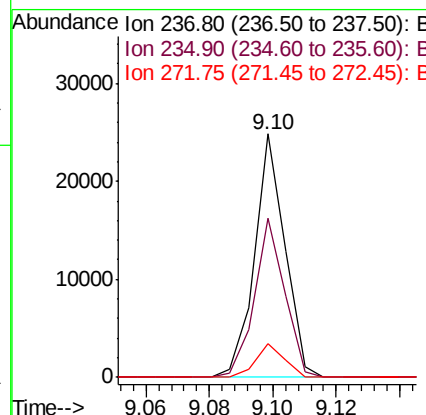
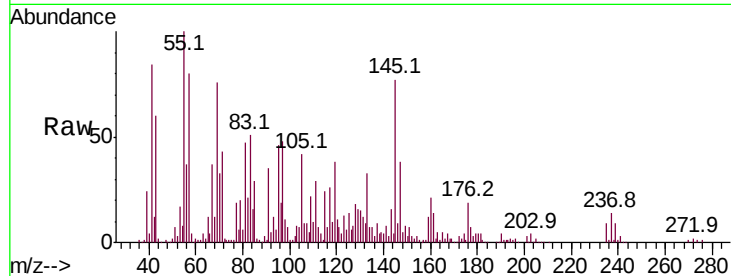
#41
Hexachlorocyclopentadiene
Concen: 20.993 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion:	237	Resp:	16498
Ion Ratio	Lower	Upper	
237	100		
235	65.5	43.1	83.1
272	13.9	0.0	32.6

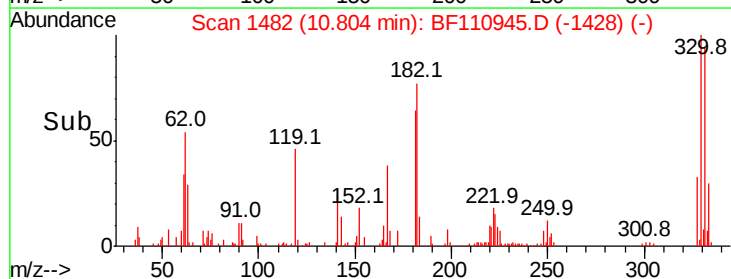
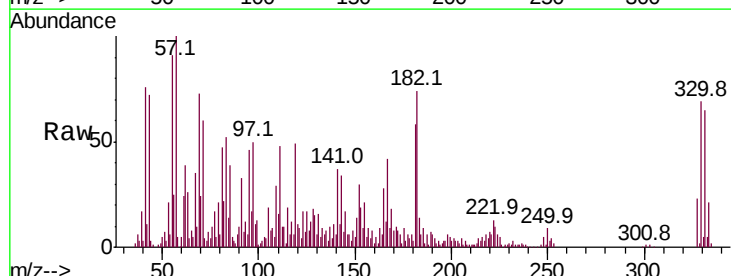
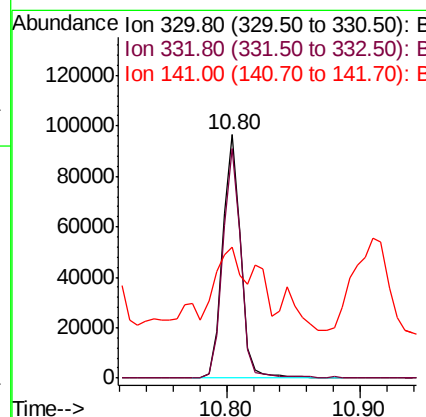
Manual Integrations
APPROVED

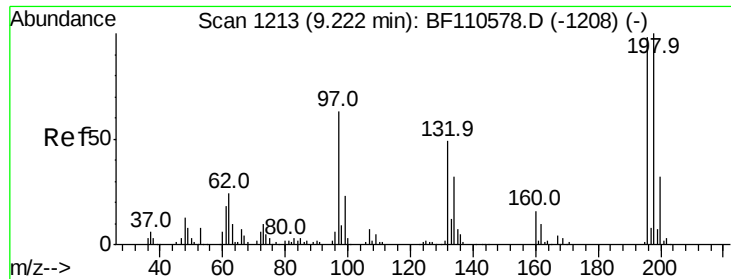
MOHAMMAD
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#42
2,4,6-Tribromophenol
Concen: 101.257 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:	330	Resp:	92307
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.1	115.7
141	60.3	27.0	40.4#





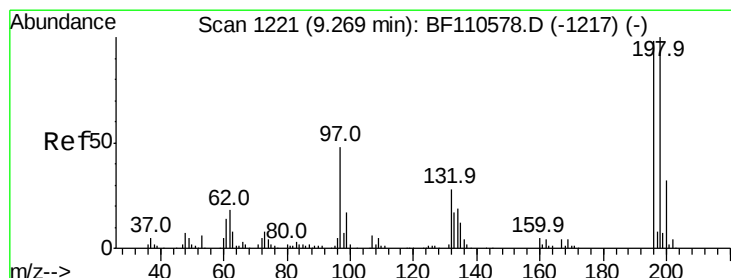
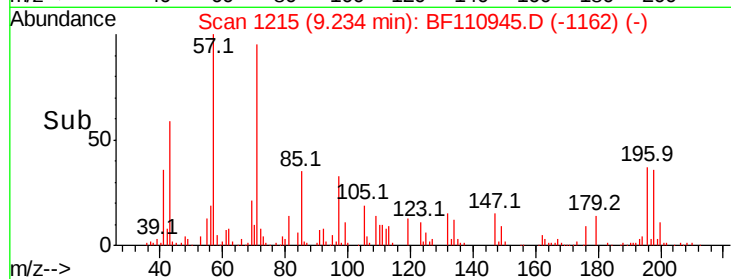
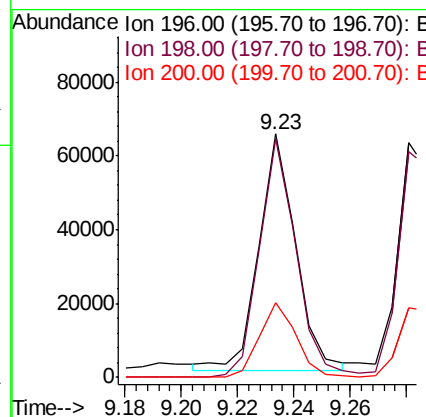
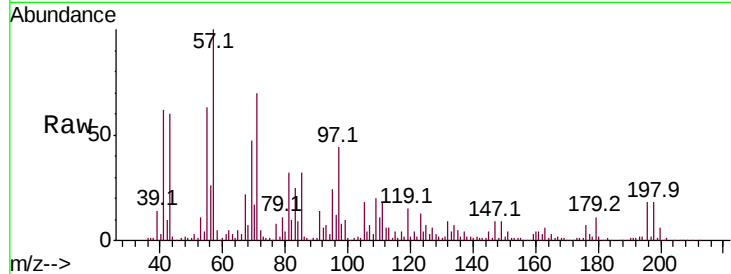
#43
2,4,6-Trichlorophenol
Concen: 32.551 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58578		
198	97.9	76.2	114.4	
200	30.6	24.4	36.6	

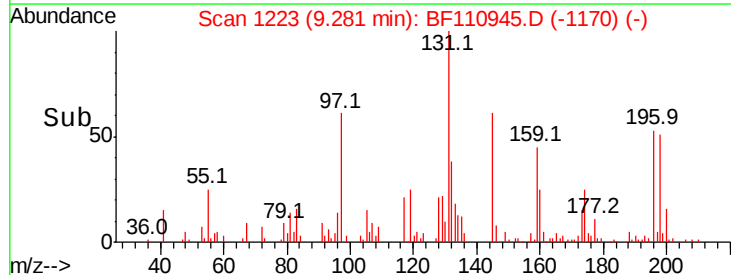
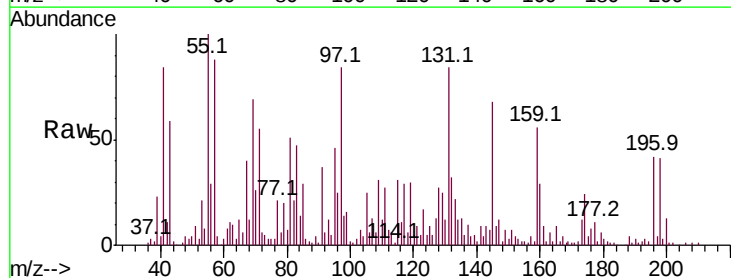
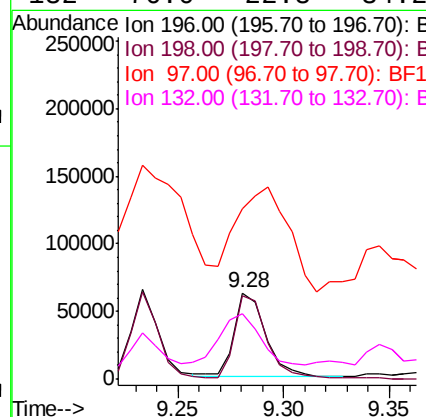
Manual Integrations
APPROVED

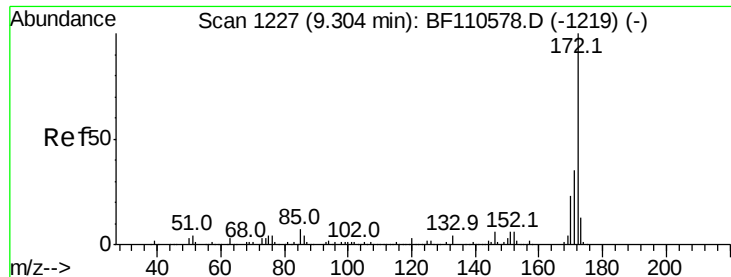
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#44
2,4,5-Trichlorophenol
Concen: 33.585 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64470		
198	96.4	75.8	113.6	
97	198.8	42.4	63.6#	
132	76.0	22.8	34.2#	





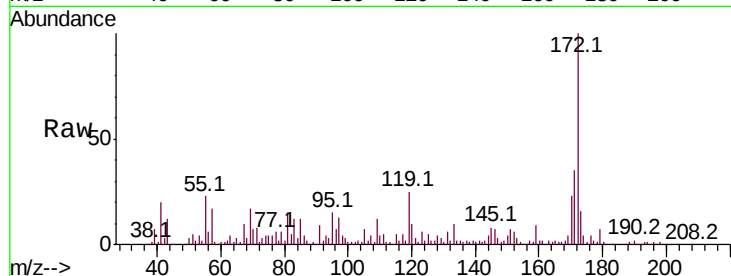
#45
2-Fluorobiphenyl
Concen: 78.937 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.2	19.7	29.5

Manual Integrations
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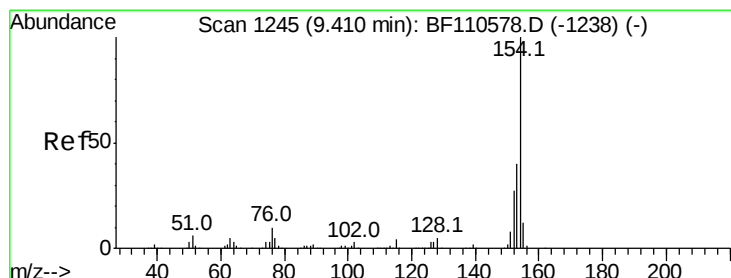
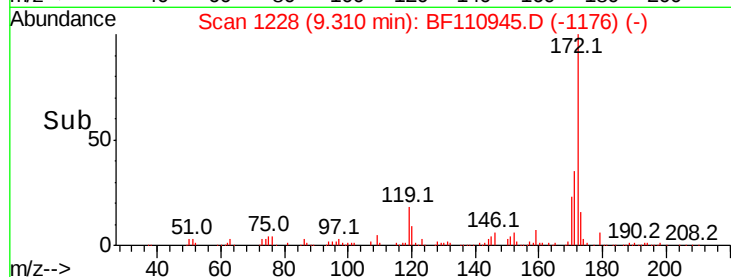
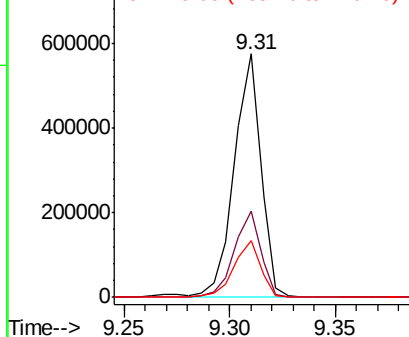


Abundance

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: 33.750 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

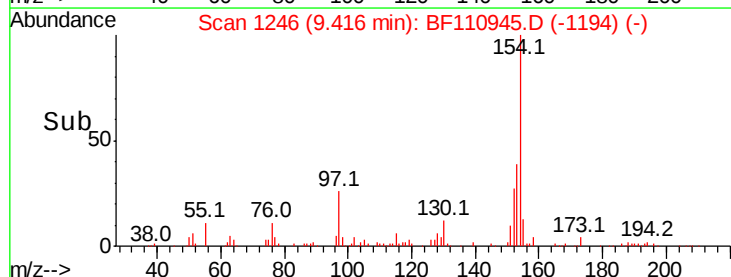
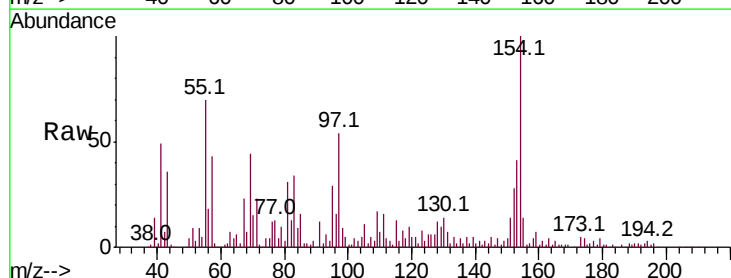
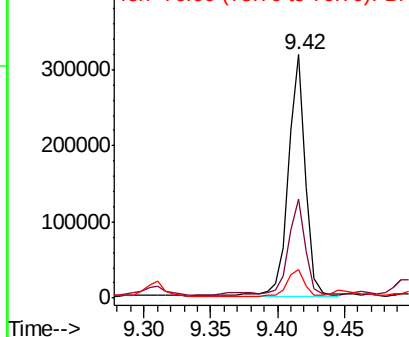
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.6	0.0	31.9

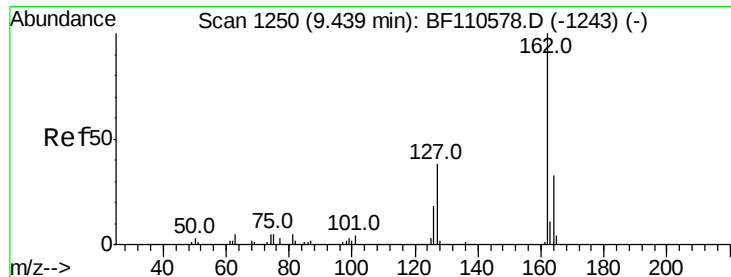
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





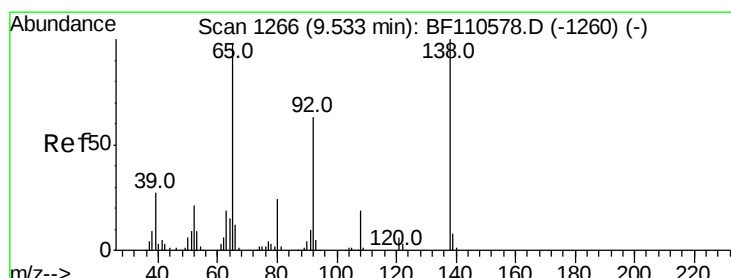
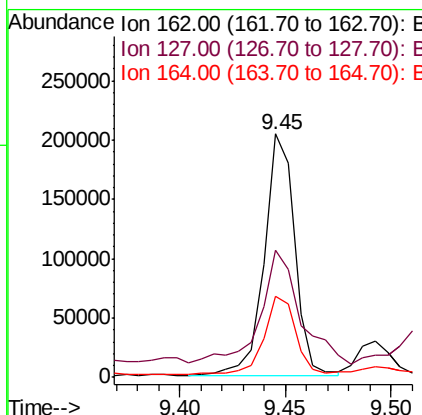
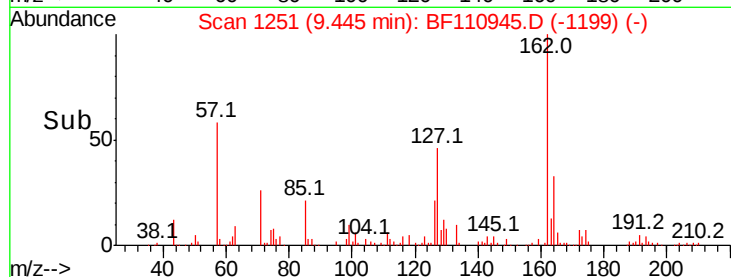
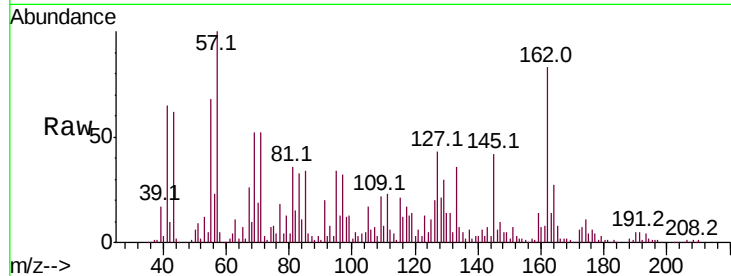
#47
 2-Chloronaphthalene
 Concen: 33.508 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	52.1	32.6	48.8#	
164	33.1	25.9	38.9	

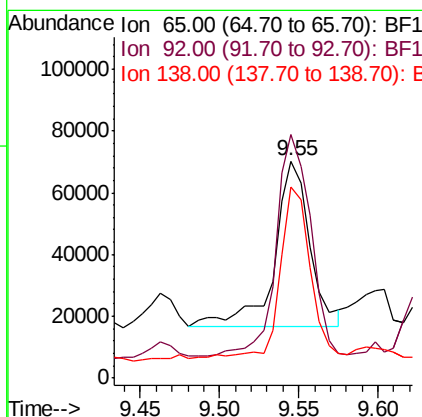
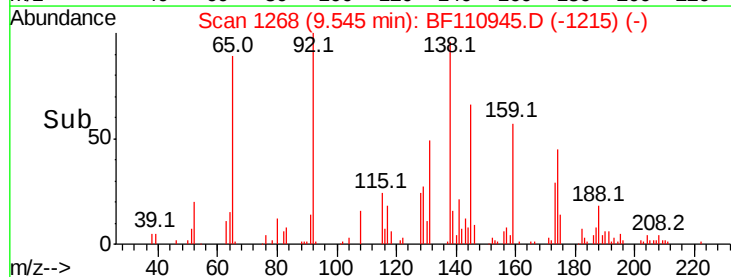
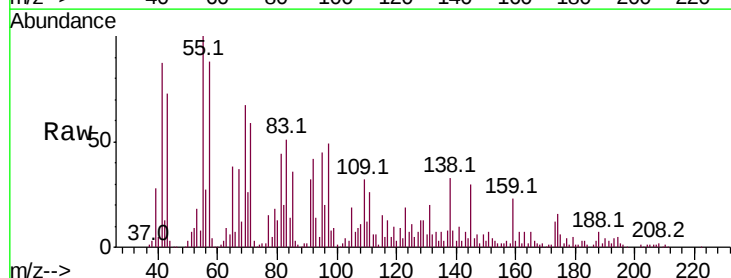
Manual Integrations
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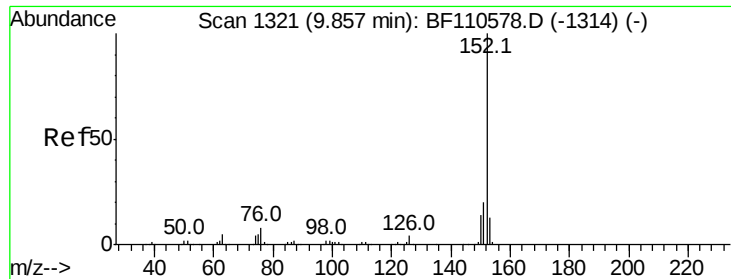
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#48
 2-Nitroaniline
 Concen: 44.394 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	112.3	54.6	81.8#	
138	88.3	80.3	120.5	





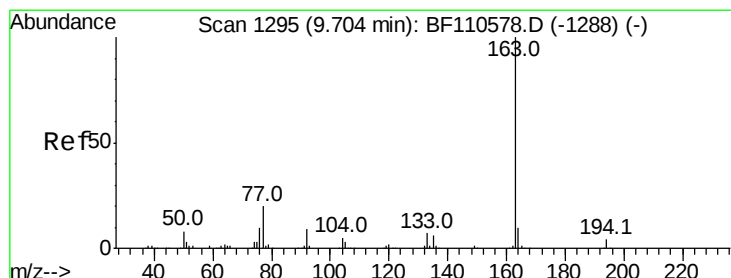
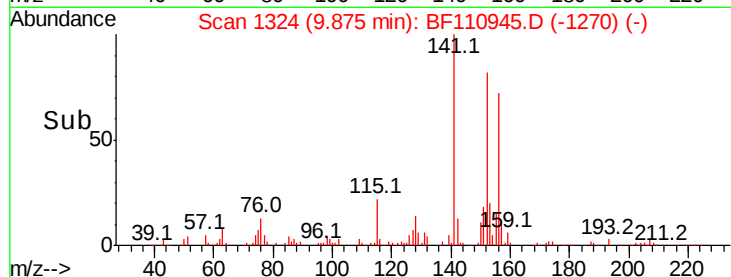
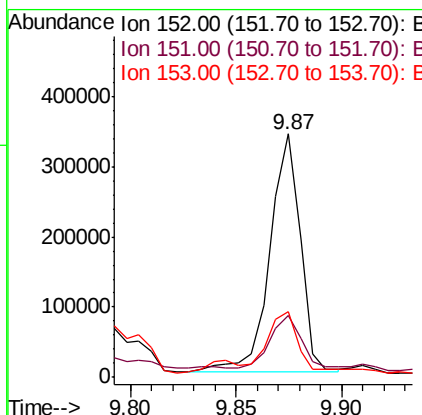
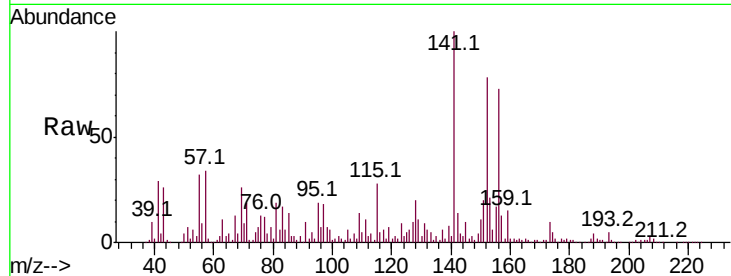
#49
Acenaphthylene
Concen: 39.252 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	25.3	15.8	23.8#
153	26.9	10.4	15.6#

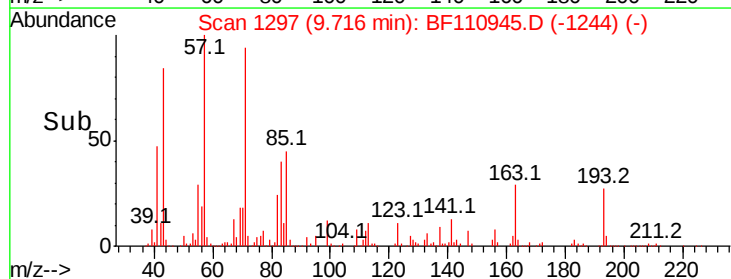
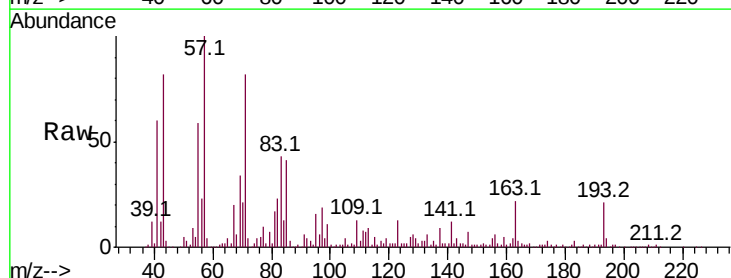
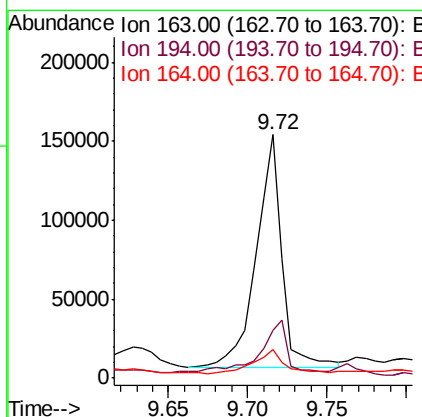
Manual Integrations
APPROVED

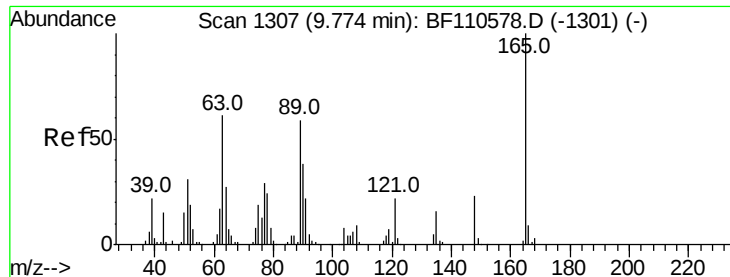
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#50
Dimethylphthalate
Concen: 24.469 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	19.8	3.2	4.8#
164	11.8	8.1	12.1





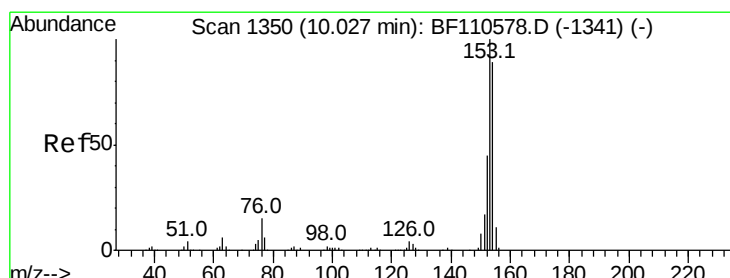
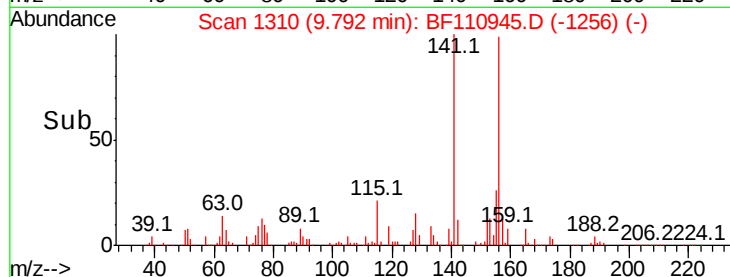
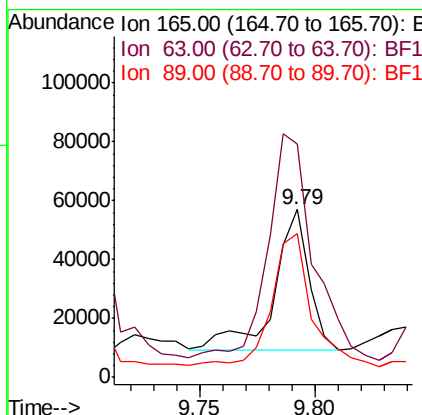
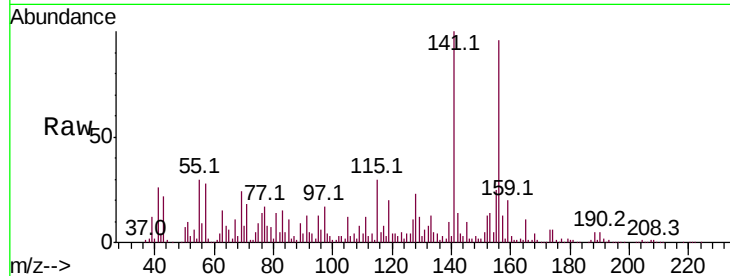
#51
2,6-Dinitrotoluene
Concen: 33.687 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	139.4	48.9	73.3#
89	86.0	46.6	69.8#

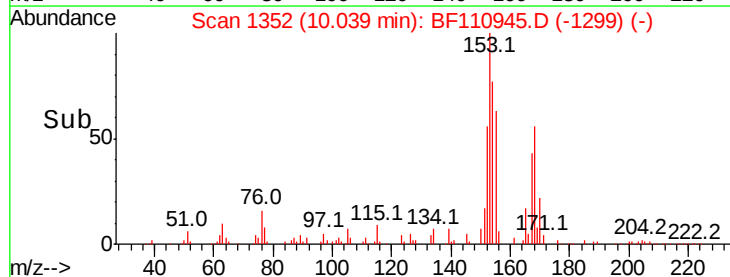
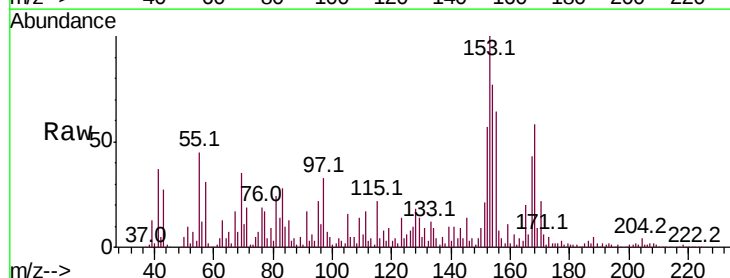
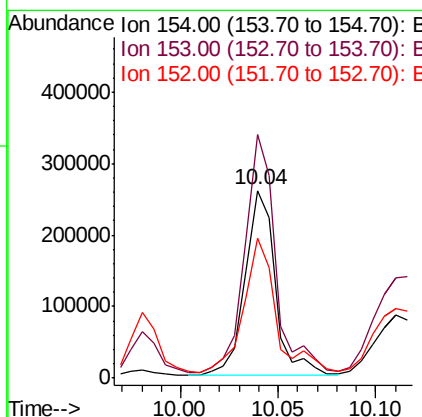
Manual Integrations
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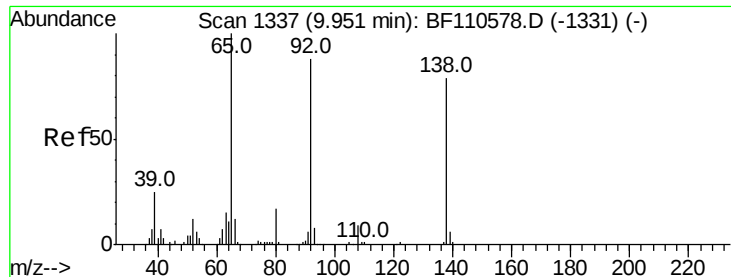
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#52
Acenaphthene
Concen: 49.815 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	129.9	90.1	135.1
152	74.5	43.4	65.2#





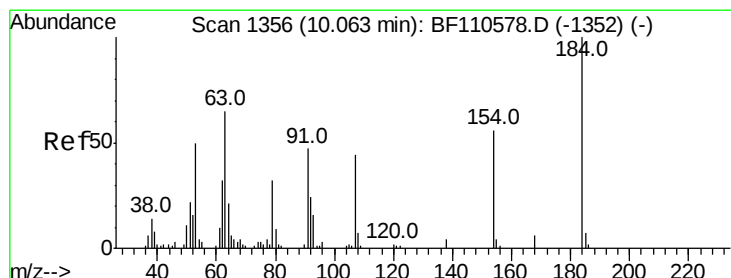
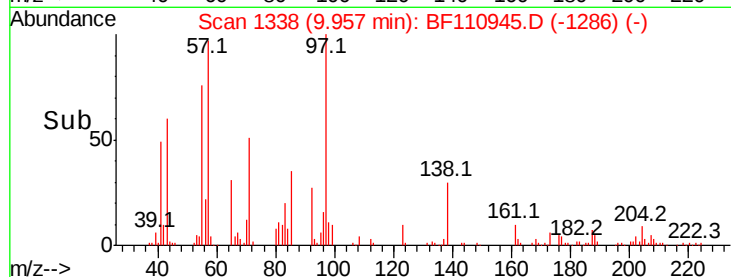
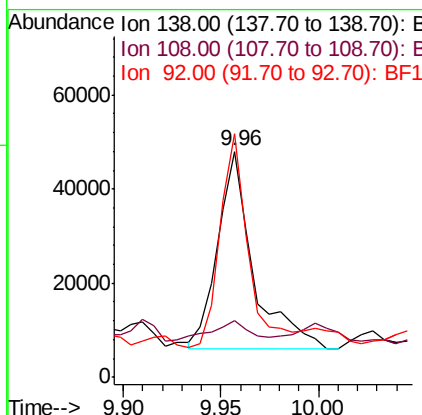
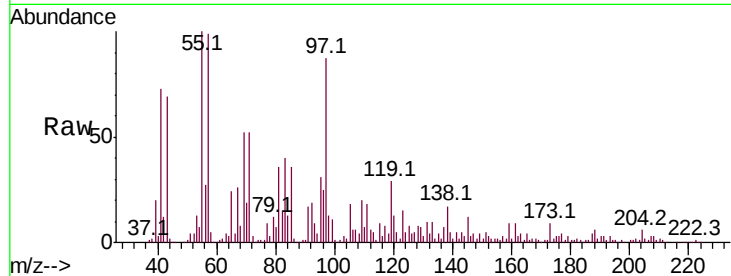
#53
3-Nitroaniline
Concen: 30.911 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion:138 Resp: 53181
Ion Ratio Lower Upper
138 100
108 25.4 8.7 13.1#
92 107.7 97.0 145.4

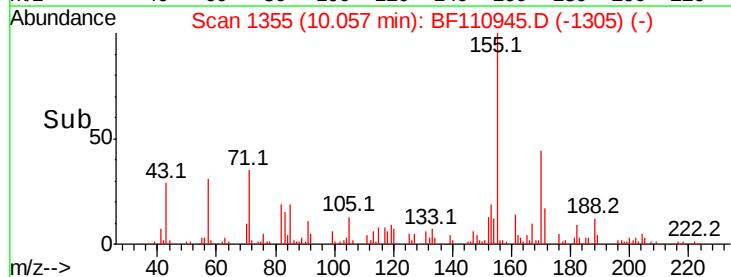
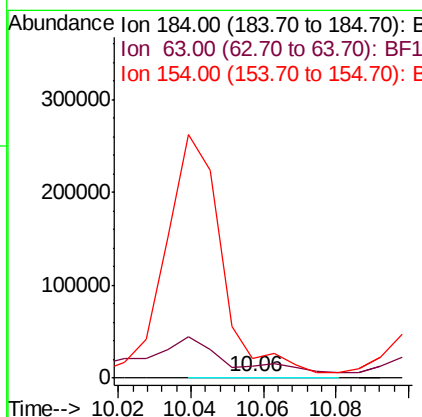
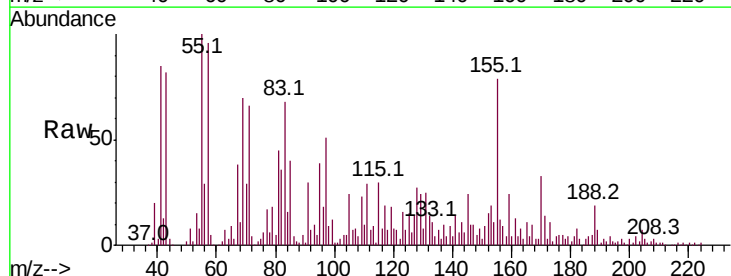
Manual Integrations
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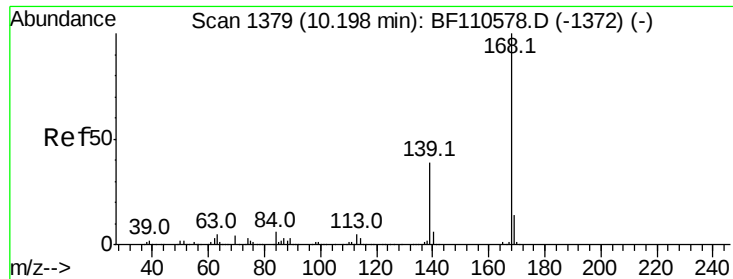
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#54
2,4-Dinitrophenol
Concen: 7.029 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion:184 Resp: 1463
Ion Ratio Lower Upper
184 100
63 1569.2 55.8 83.6#
154 2492.7 63.2 94.8#





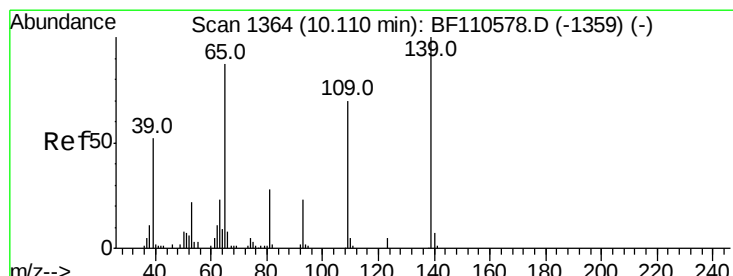
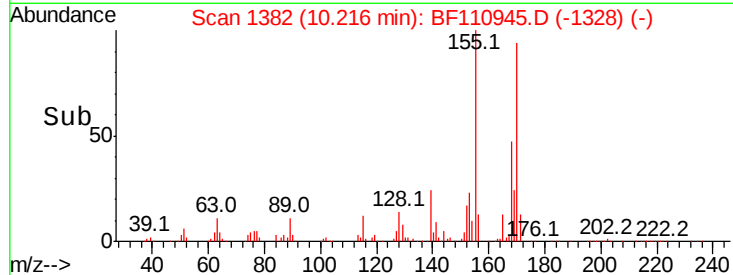
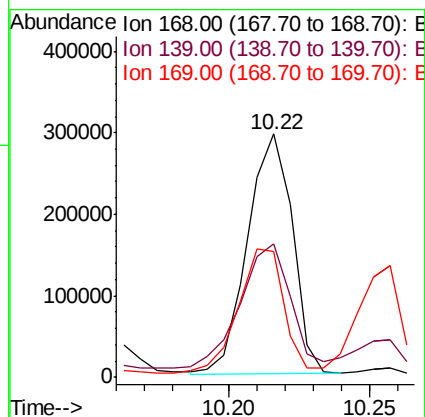
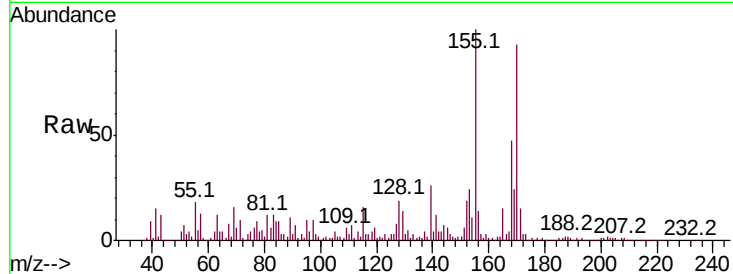
#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	54.8	33.0	49.6#
169	51.6	11.3	16.9#

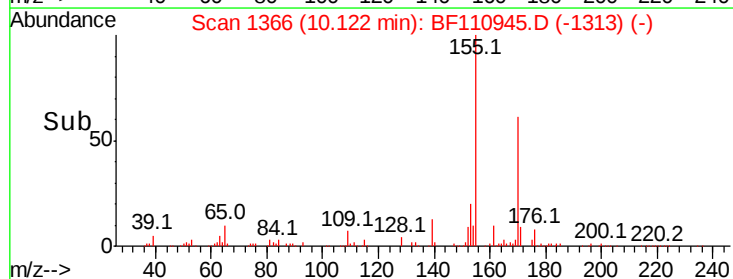
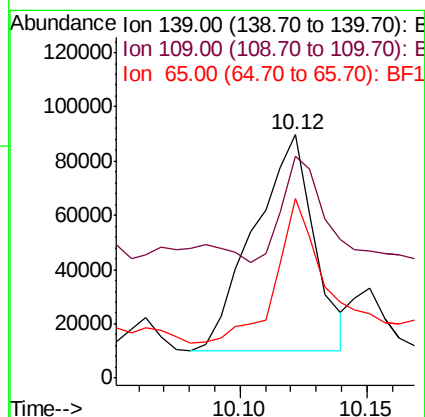
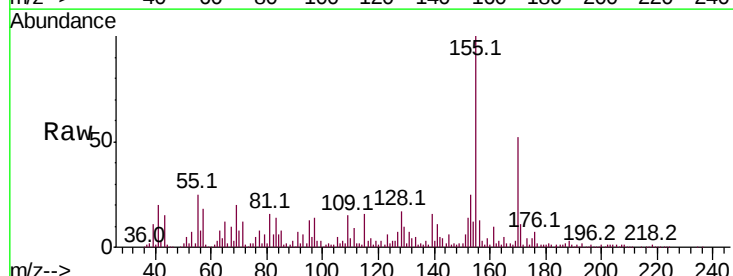
Manual Integrations
APPROVED

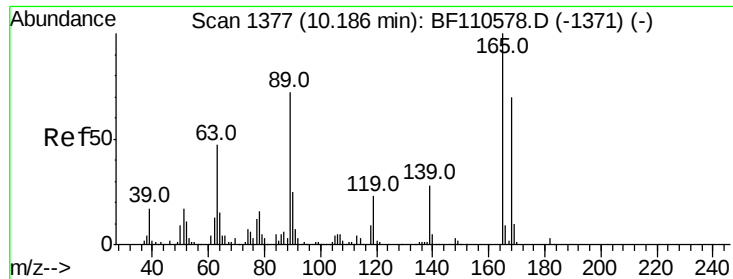
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#56
4-Nitrophenol
Concen: 115.542 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.4	55.8	95.8
65	73.6	77.9	117.9#





#57

2,4-Dinitrotoluene

Concen: 47.833 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.03 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

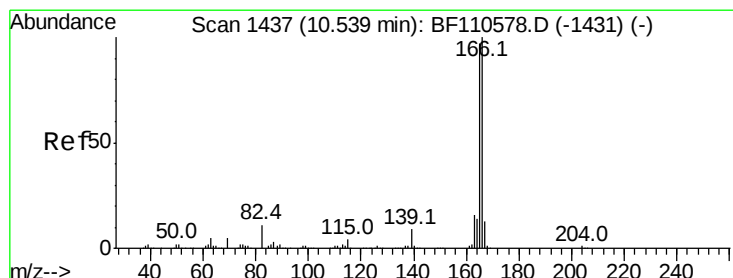
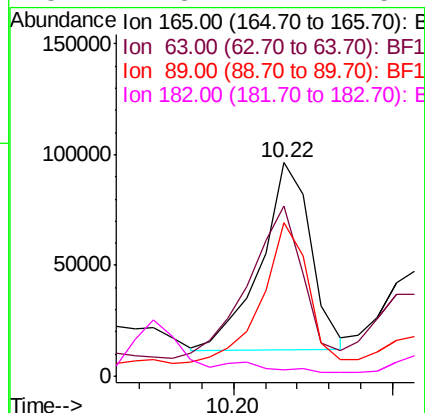
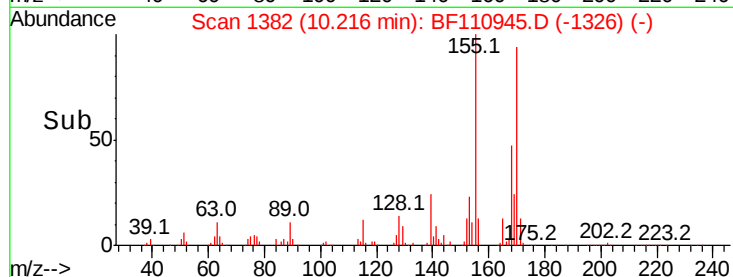
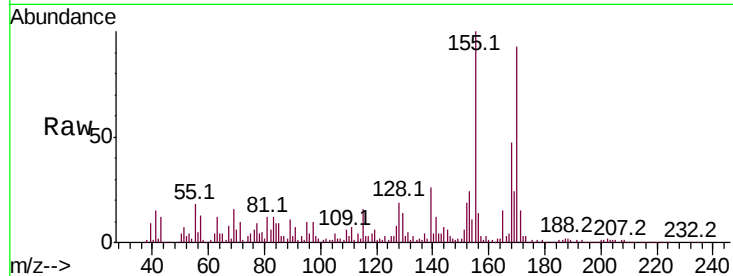
ClientSampleId :

NON-UST-03R-AMS

Tot Ion:	165	Resp:	92359
Ion Ratio	Lower	Upper	
165	100		
63	79.5	44.8	67.2#
89	72.0	62.2	93.4
182	2.8	2.1	3.1

Manual Integrations
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#58

Fluorene

Concen: 64.247 ng

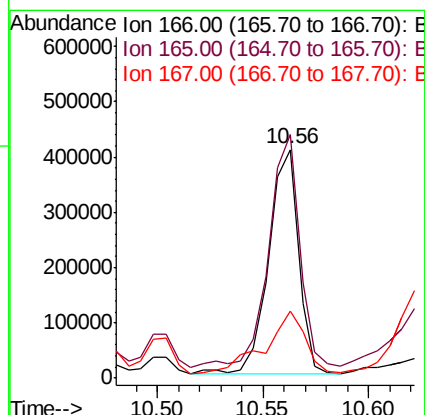
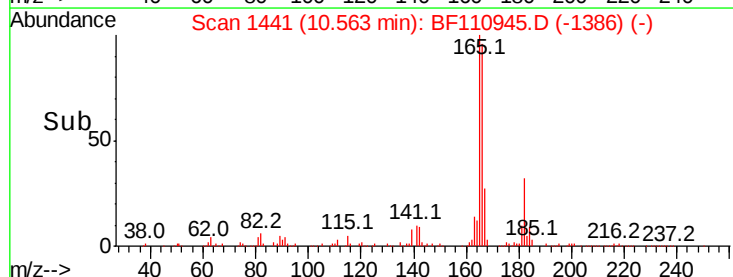
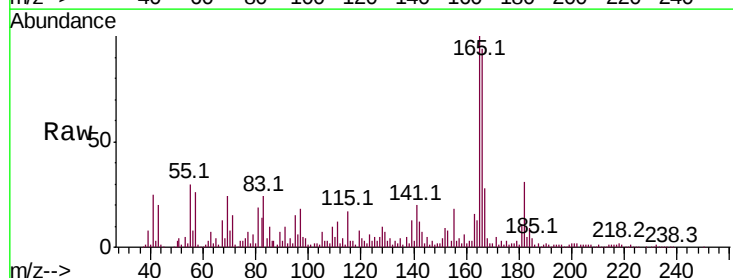
RT: 10.56 min Scan# 1441

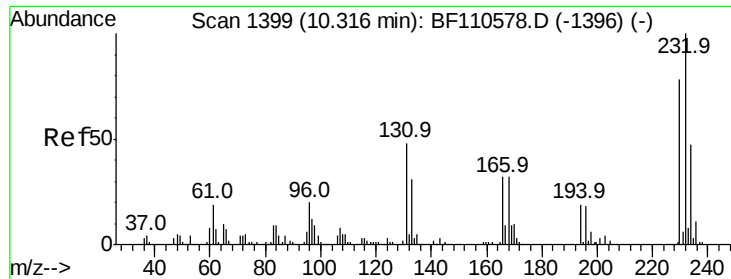
Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:	166	Resp:	399534
Ion Ratio	Lower	Upper	
166	100		
165	106.6	78.6	117.8
167	29.5	10.8	16.2#





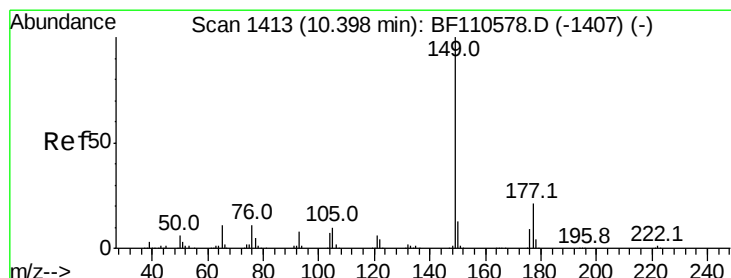
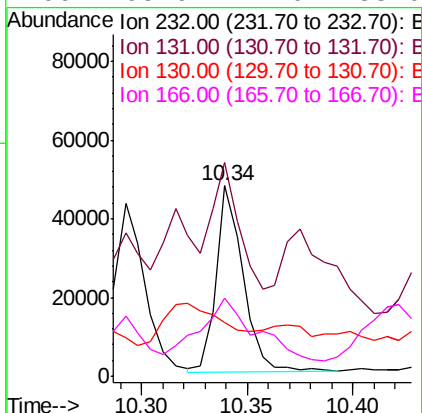
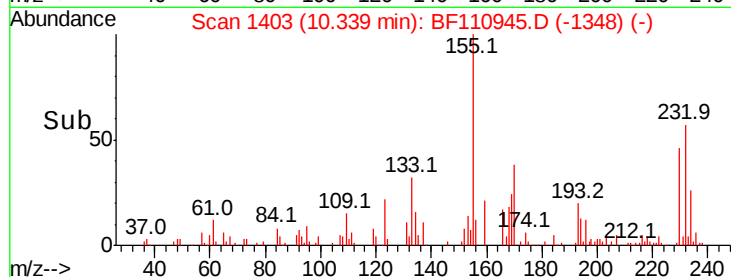
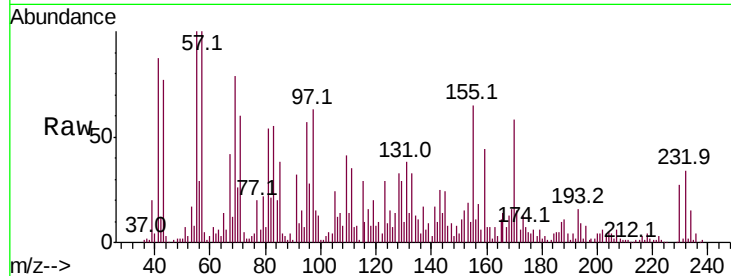
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 27.937 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	83.8	37.0	55.4#
130	0.0	1.8	2.6#
166	68.6	22.0	33.0#

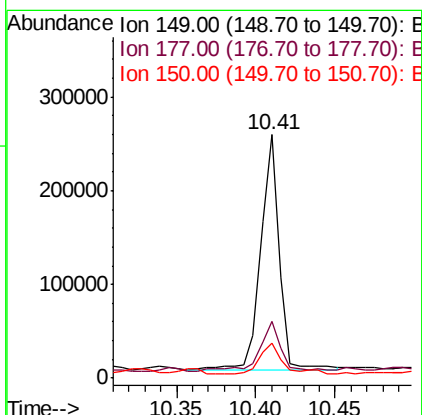
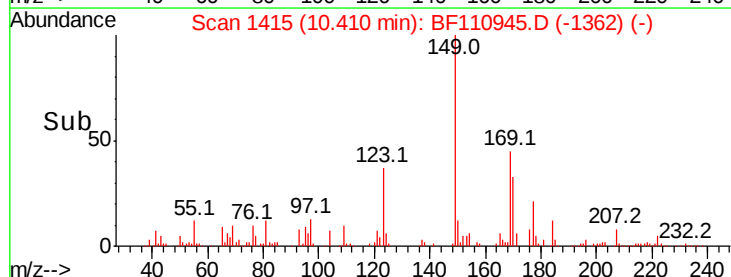
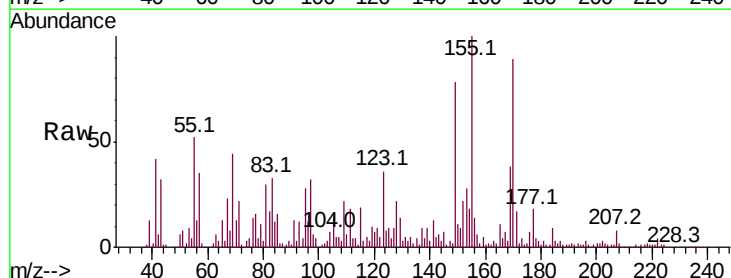
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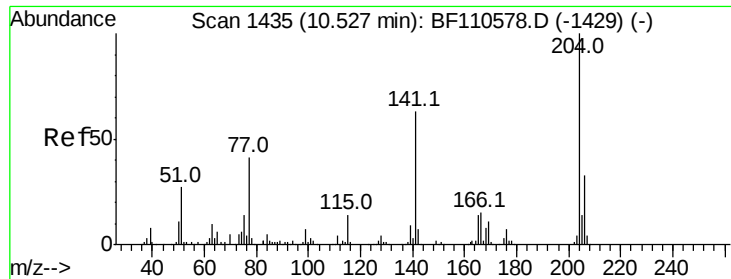
MOHAMMAD
 11/26/2018 3:11:57 PM



#60
 Diethylphthalate
 Concen: 31.417 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF110945.D
 Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.4	26.2
150	14.3	9.8	14.8





#61

4-Chlorophenyl-phenylether

Concen: 29.525 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tot Ion:204 Resp: 95065

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

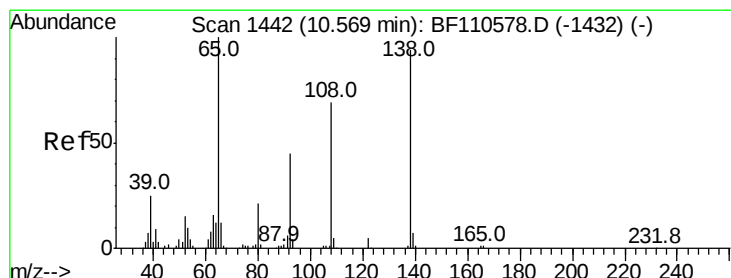
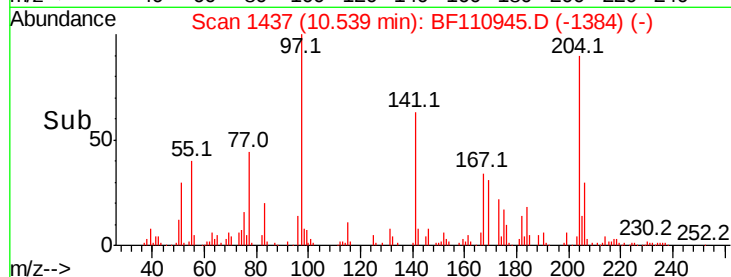
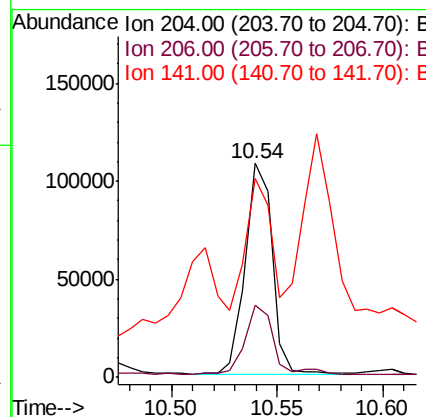
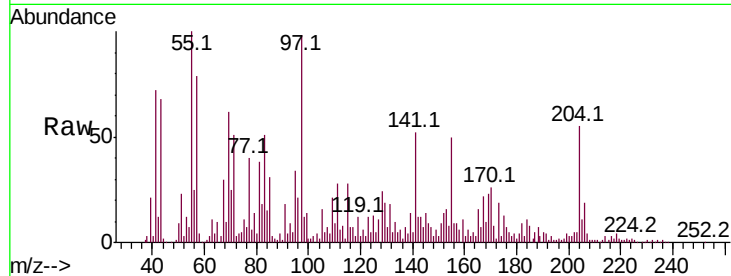
141 93.4 51.8 77.8#

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#62

4-Nitroaniline

Concen: 30.057 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

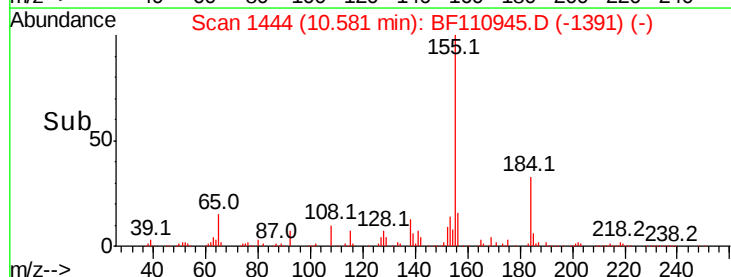
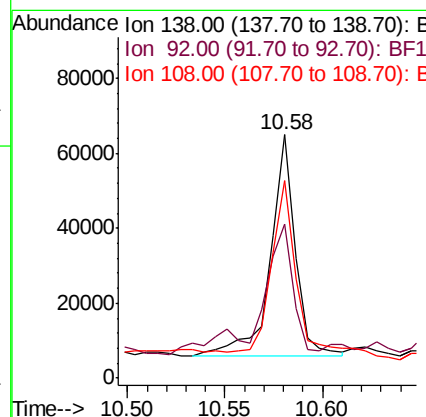
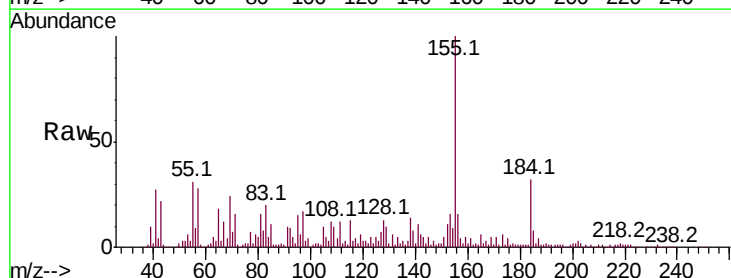
Tgt Ion:138 Resp: 52073

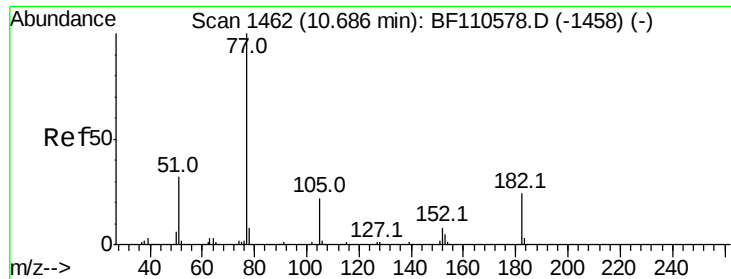
Ion Ratio Lower Upper

138 100

92 63.5 31.7 71.7

108 81.1 59.3 99.3





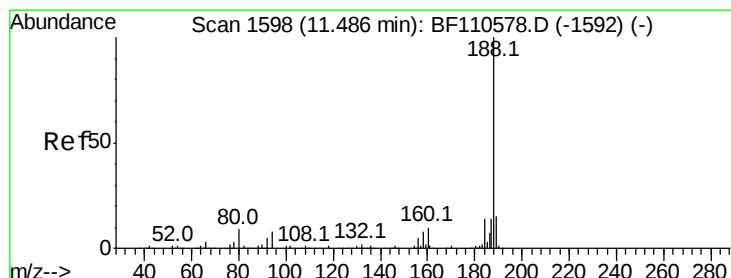
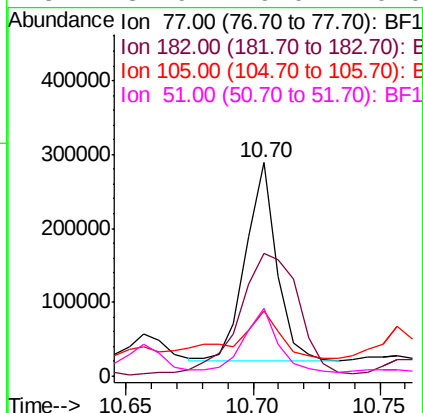
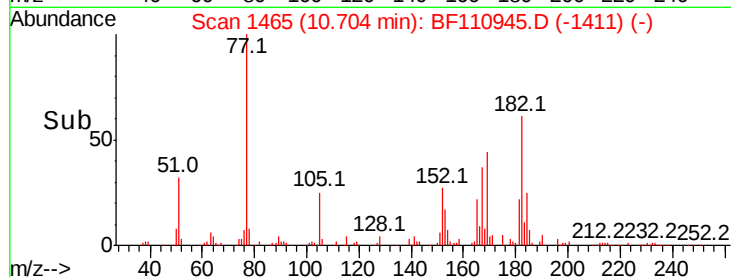
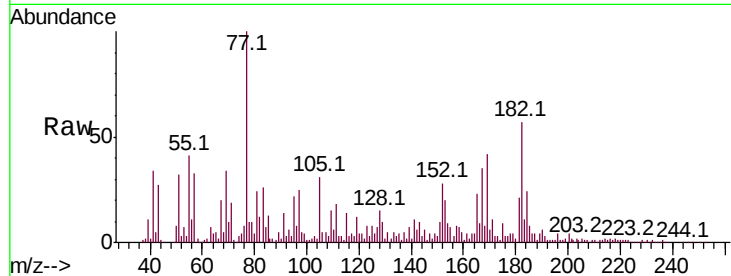
#63
Azobenzene
Concen: 35.411 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	57.4	4.3	44.3#		
105	30.6	1.3	41.3		
51	31.9	9.0	49.0		

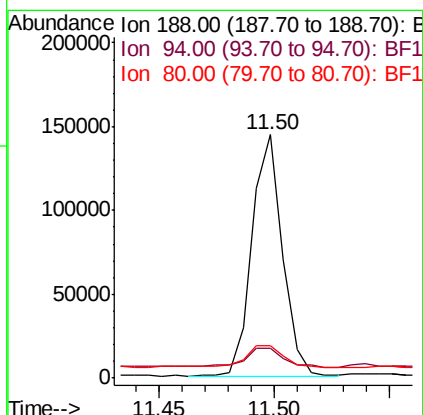
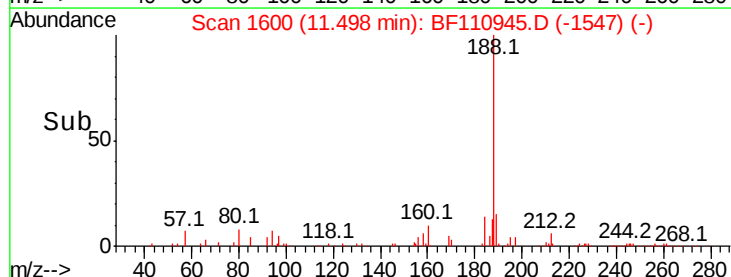
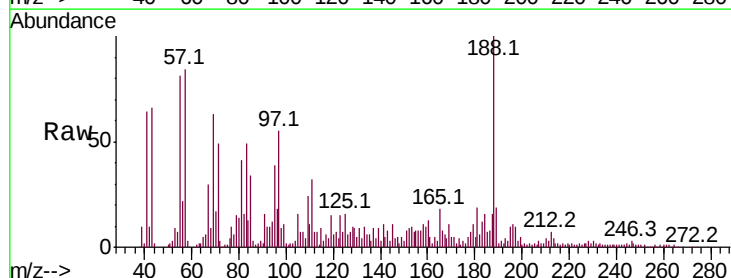
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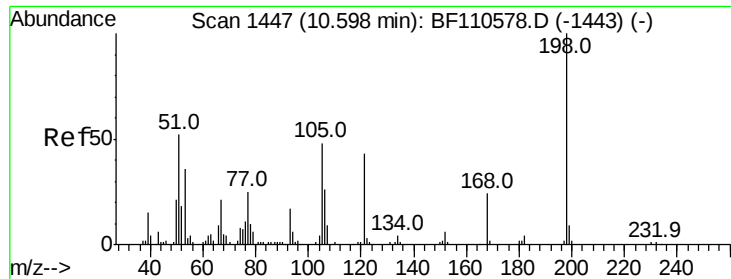
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.4	7.2	10.8#		
80	13.6	7.9	11.9#		





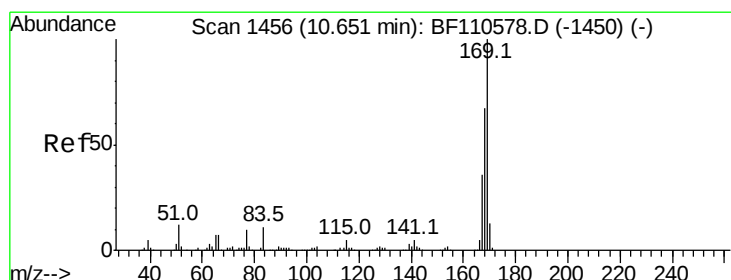
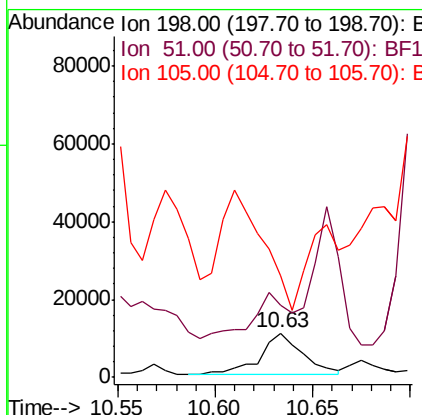
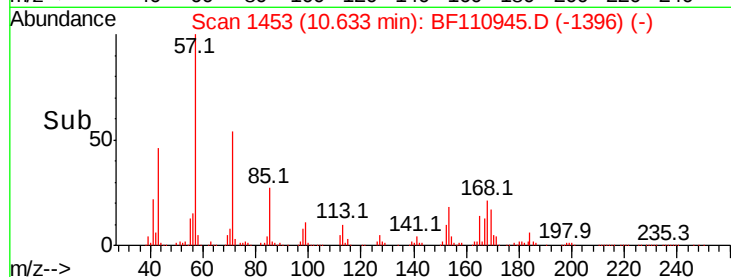
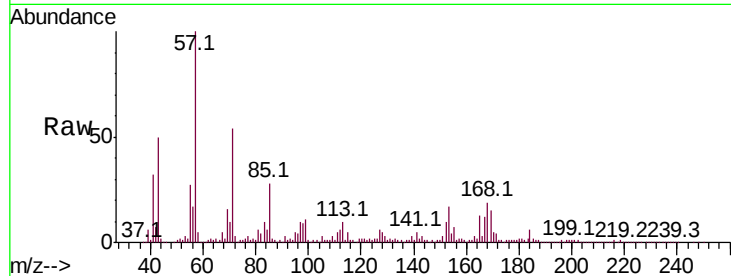
#65
4,6-Dinitro-2-methylphenol
Concen: 24.232 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.04 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	16136		
51	163.2	22.8	62.8#	
105	230.1	23.6	63.6#	

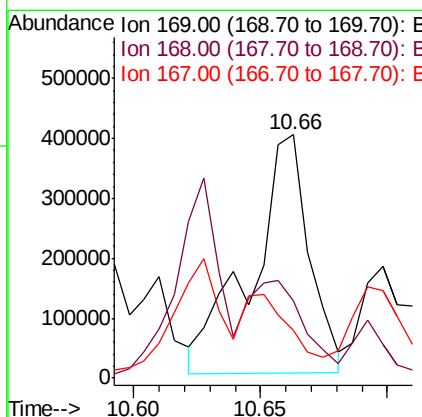
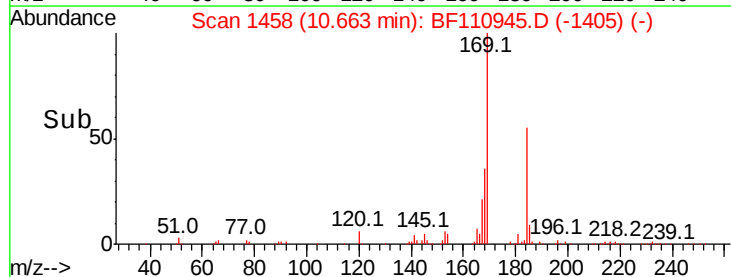
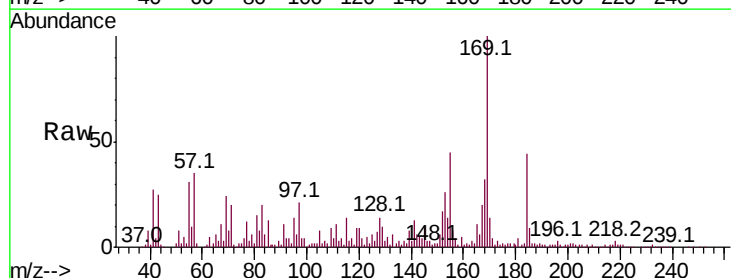
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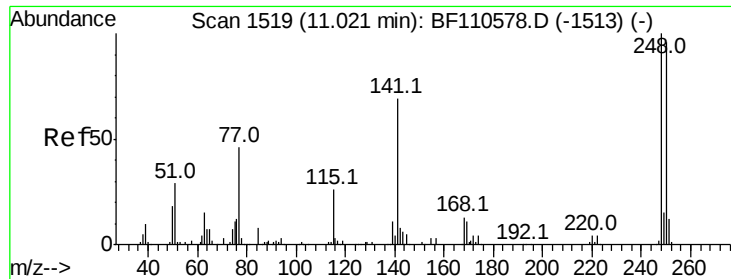
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#66
n-Nitrosodiphenylamine
Concen: 142.716 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	635601		
168	31.5	51.2	76.8#	
167	19.6	27.8	41.6#	





#67

4-Bromophenyl-phenylether

Concen: 36.780 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

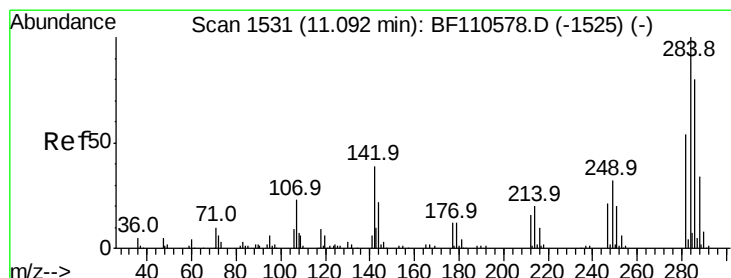
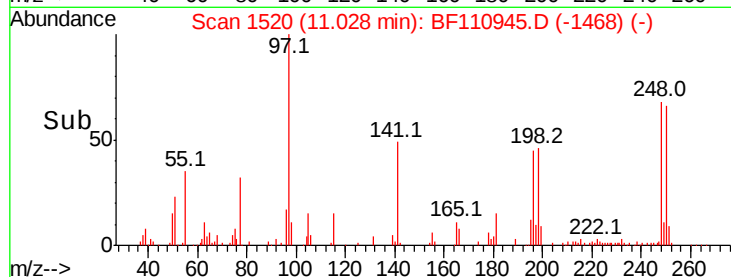
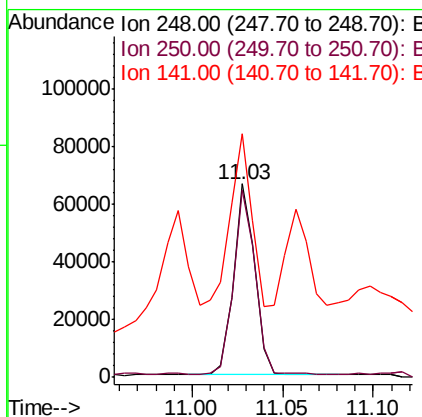
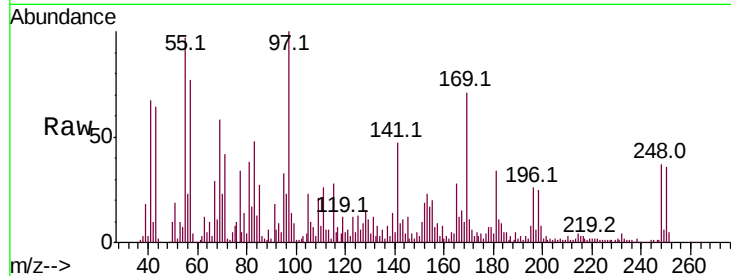
ClientSampleId :

NON-UST-03R-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.4	119.2
141	125.9	55.9	83.9#

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#68

Hexachlorobenzene

Concen: 36.309 ng

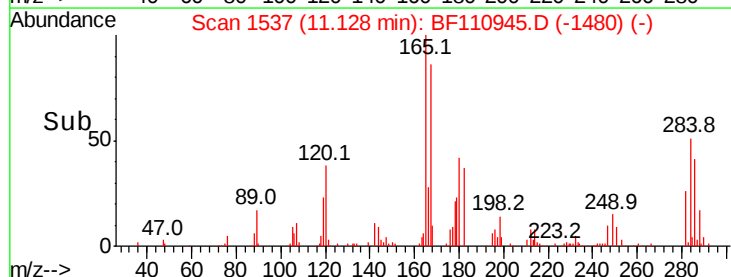
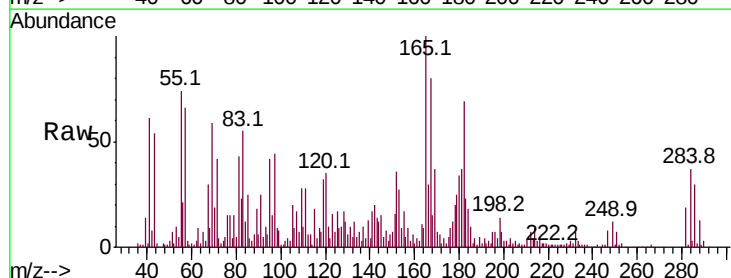
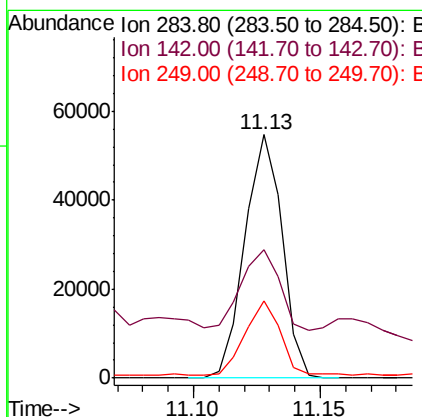
RT: 11.13 min Scan# 1537

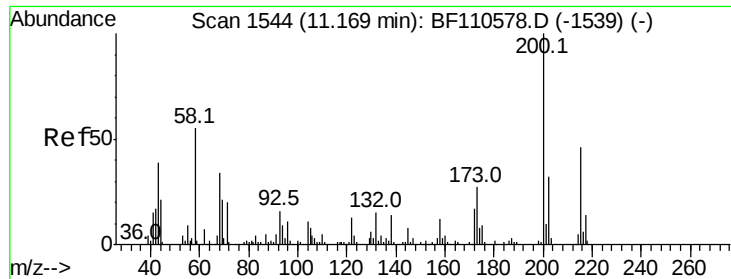
Delta R.T. 0.04 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.9	23.9	35.9#
249	31.6	24.2	36.2





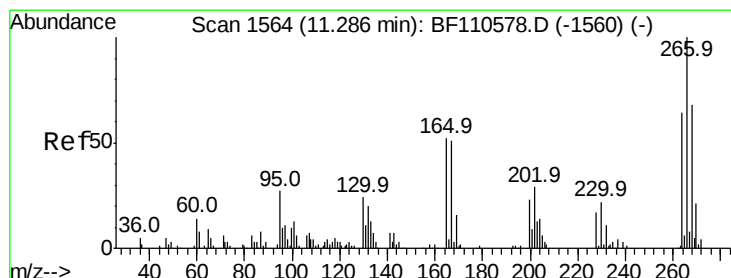
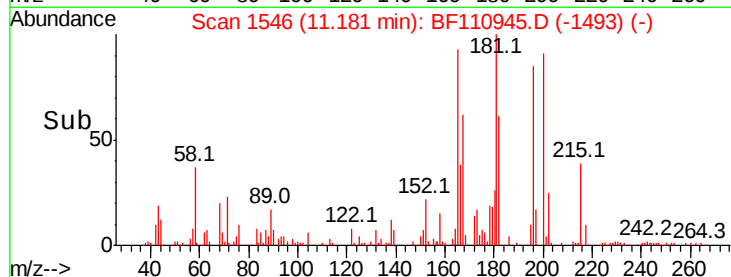
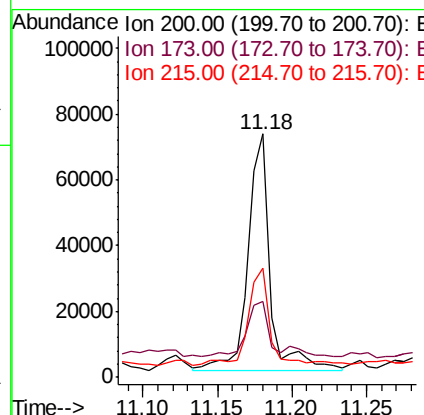
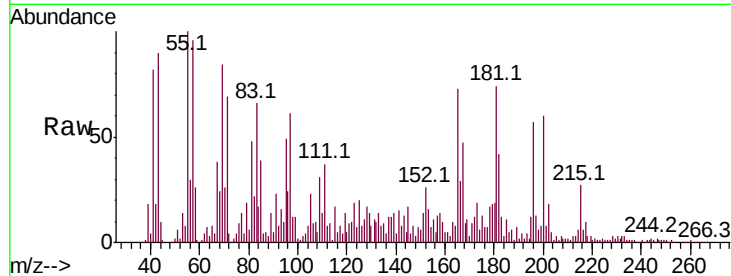
#69
Atrazine
Concen: 54.358 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	31.1	6.6	46.6
215	44.7	26.3	66.3

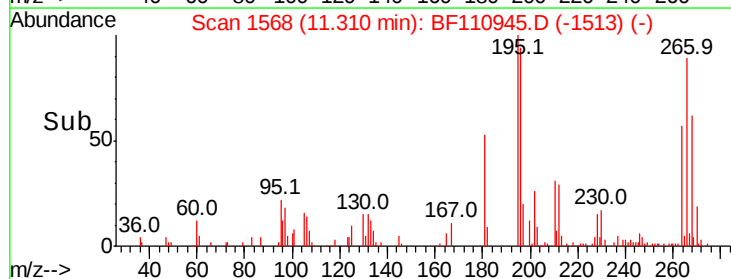
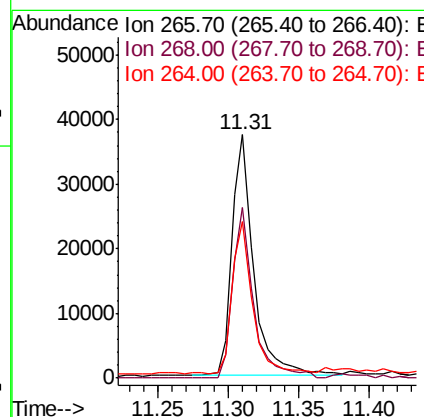
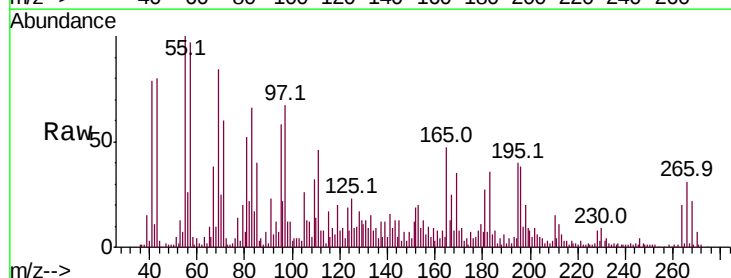
Manual Integrations
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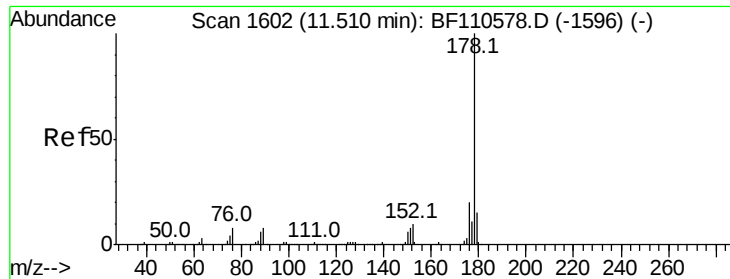
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#70
Pentachlorophenol
Concen: 48.448 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.1	50.6	75.8
264	64.3	50.6	75.8





#71

Phenanthrene

Concen: 116.120 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.02 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

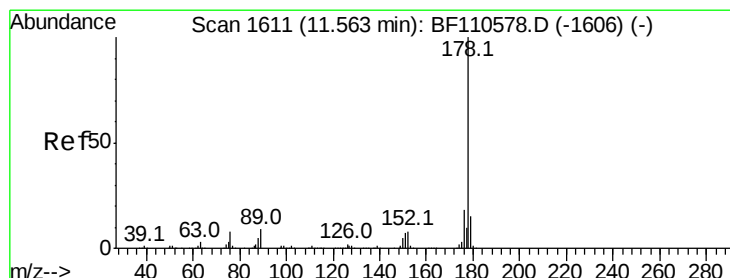
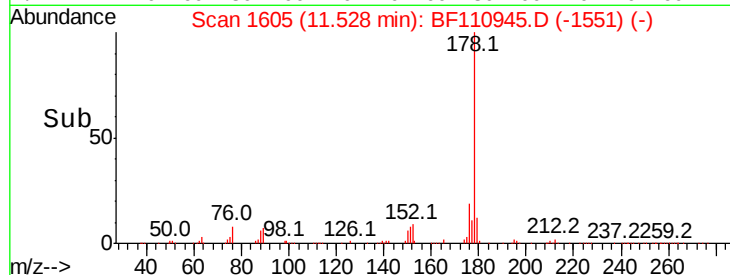
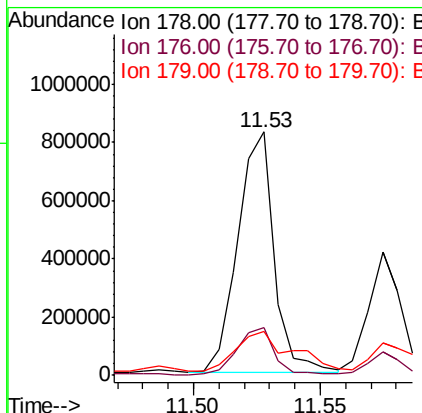
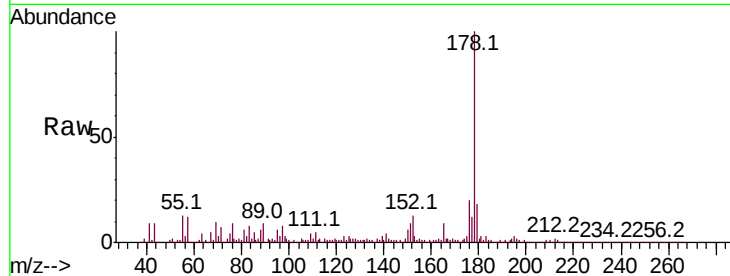
ClientSampleId :

NON-UST-03R-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	18.3	12.5	18.7

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#72

Anthracene

Concen: 52.705 ng m

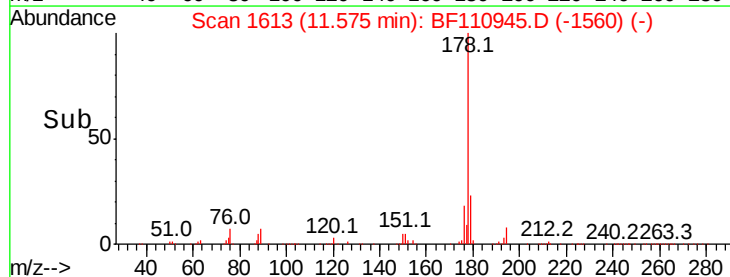
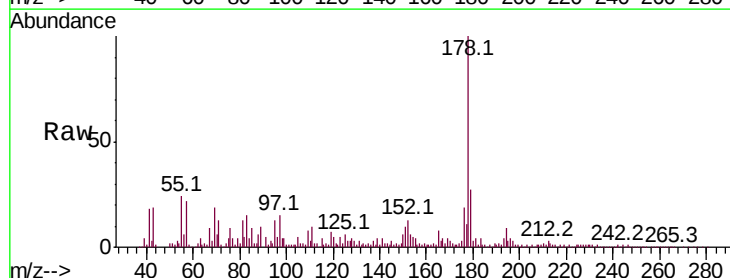
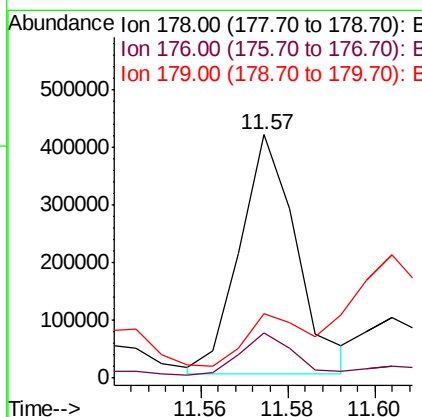
RT: 11.57 min Scan# 1613

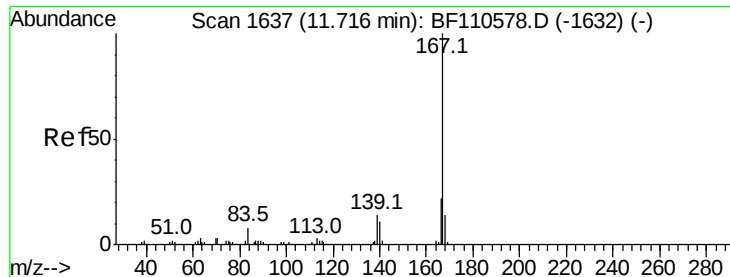
Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	26.5	12.6	18.8#





#73

Carbazole

Concen: 41.057 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

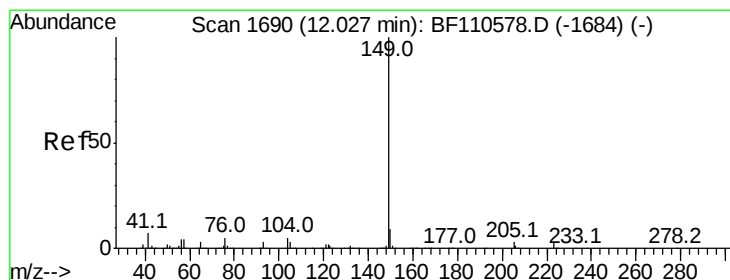
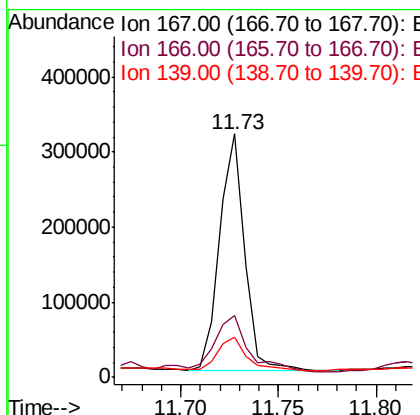
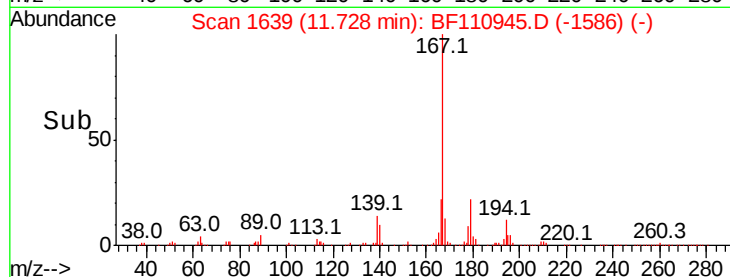
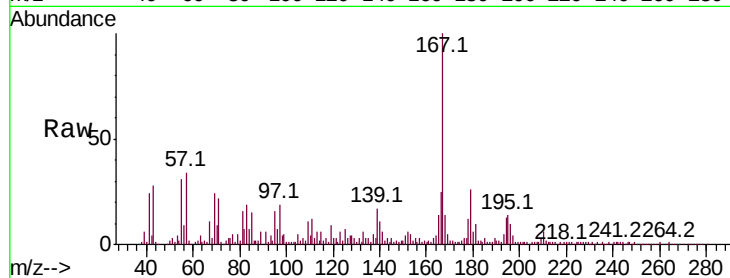
ClientSampleId :

NON-UST-03R-AMS

Tot Ion:	167	Resp:	281558
Ion Ratio	Lower	Upper	
167	100		
166	25.2	17.4	26.0
139	16.6	10.9	16.3#

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 40.688 ng

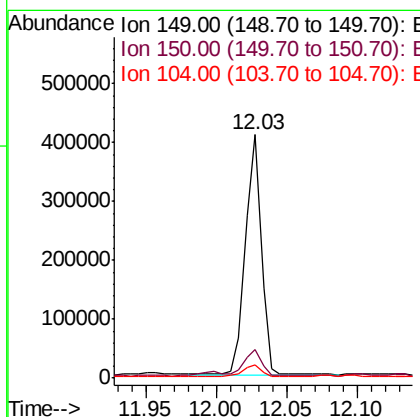
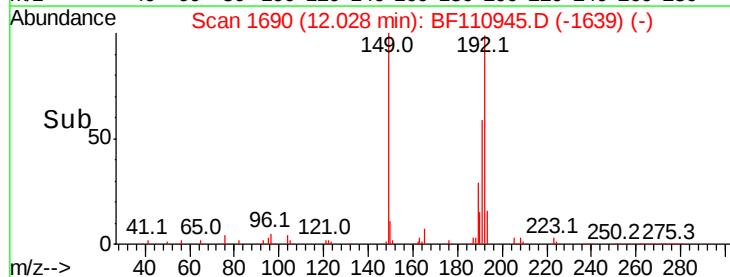
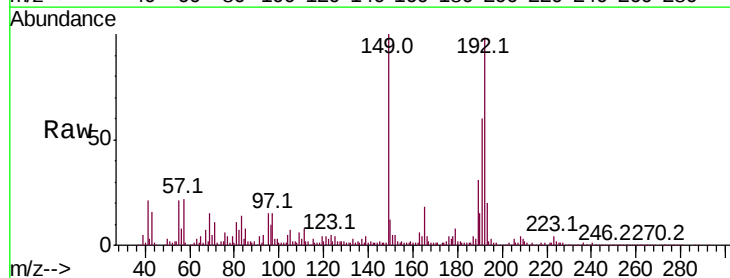
RT: 12.03 min Scan# 1690

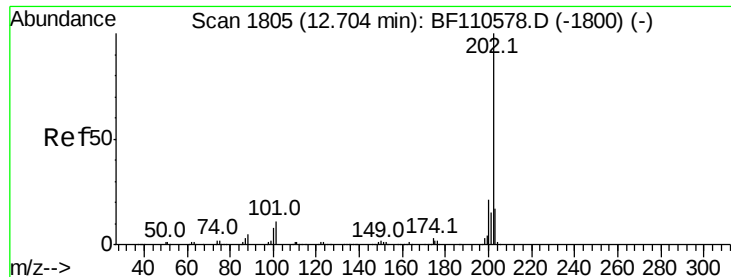
Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:	149	Resp:	327211
Ion Ratio	Lower	Upper	
149	100		
150	11.9	7.7	11.5#
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 50.905 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

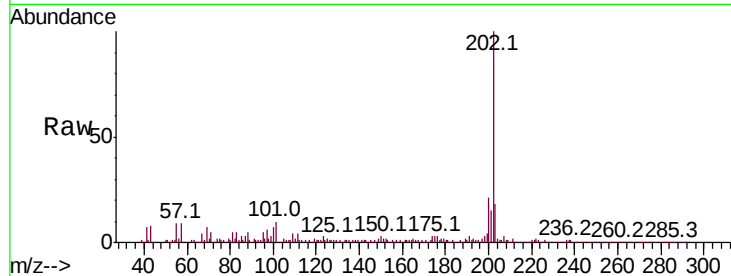
ClientSampleId :

NON-UST-03R-AMS

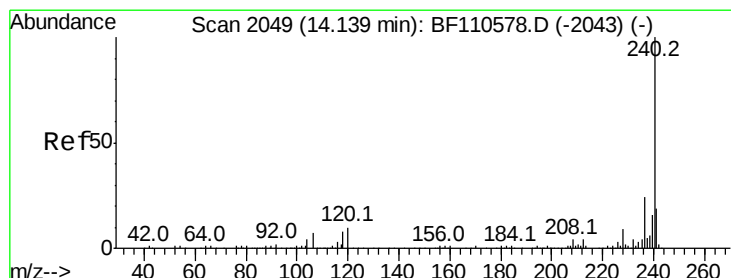
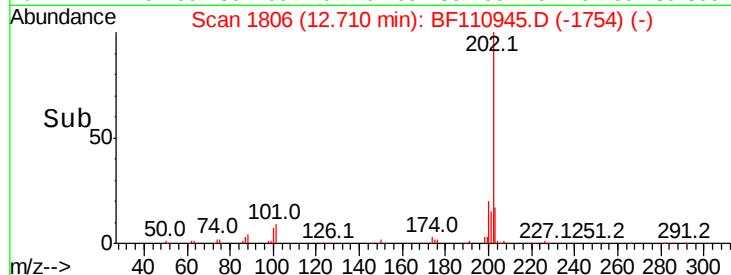
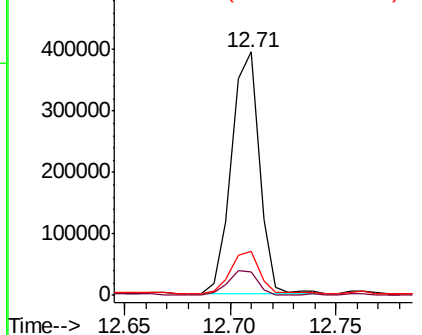
Tot Ion:	202	Resp:	361265
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.4
203	18.0	0.0	37.7

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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

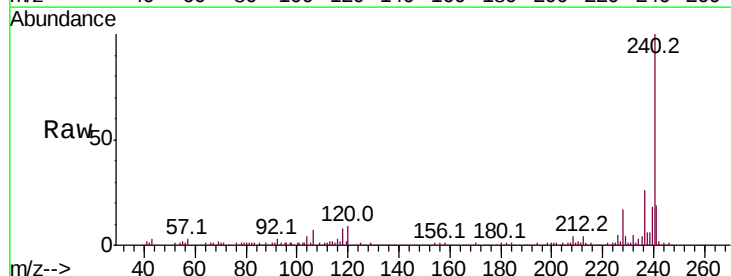
RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

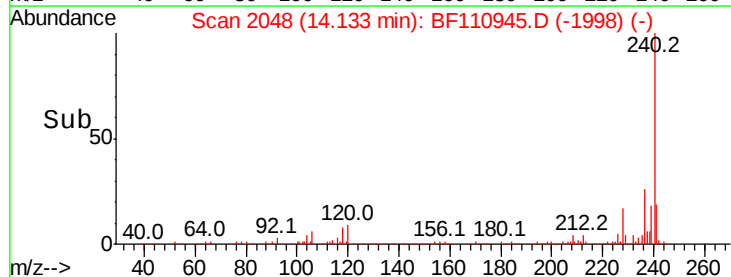
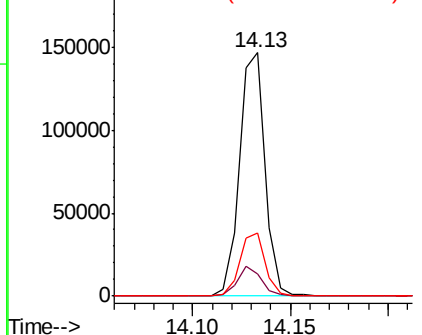
Lab File: BF110945.D

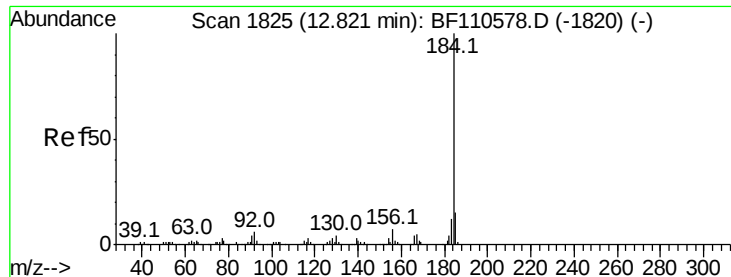
Acq: 23 Nov 2018 15:45

Tgt Ion:	240	Resp:	132479
Ion Ratio	Lower	Upper	
240	100		
120	9.1	8.3	12.5
236	25.7	21.2	31.8



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





#77

Benzidine

Concen: 25.971 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-AMS

Tot Ion:184 Resp: 94616

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

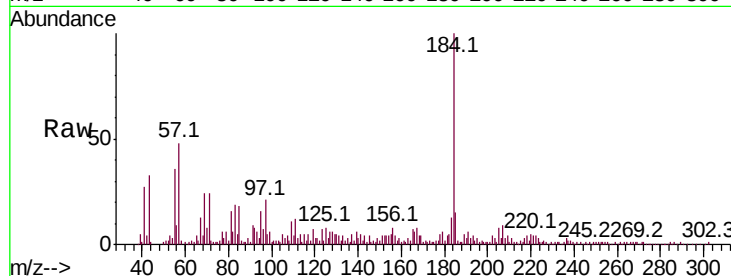
183 13.3 9.4 14.2

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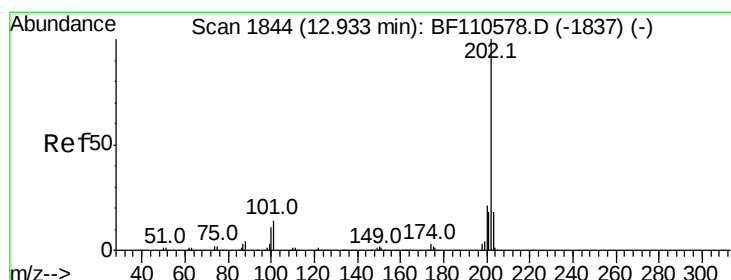
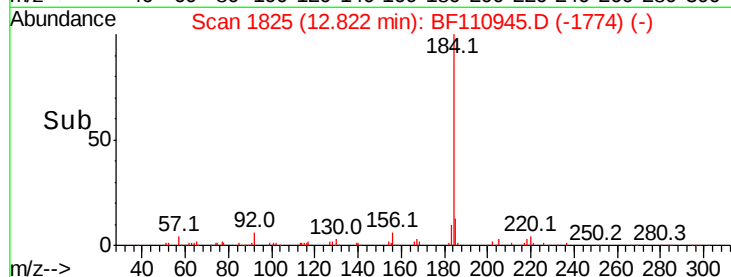
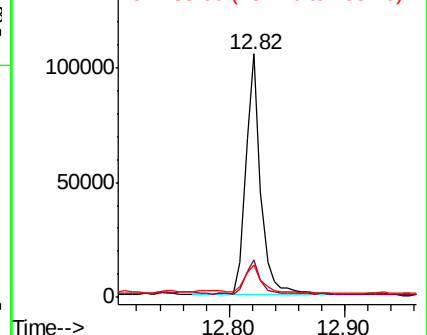
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.381 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

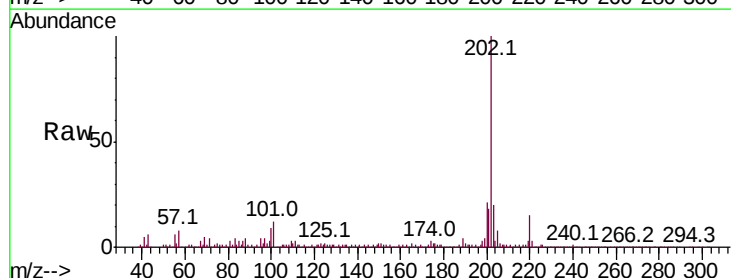
Tgt Ion:202 Resp: 391513

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

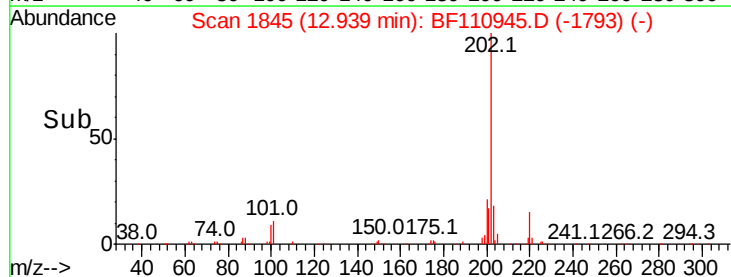
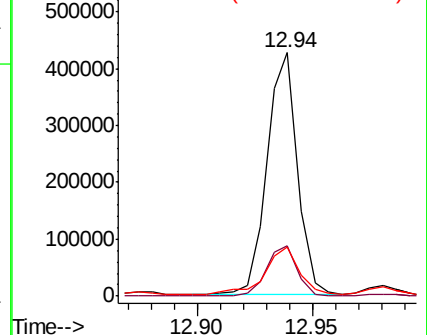
203 20.0 14.2 21.4

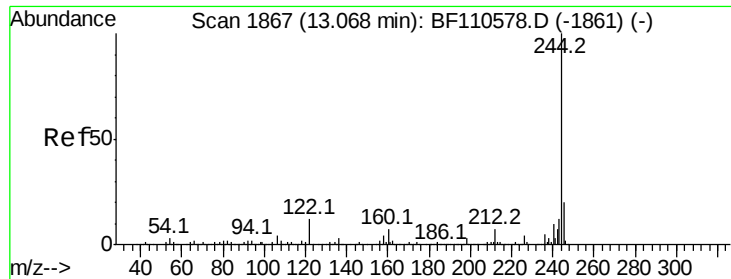


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.630 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

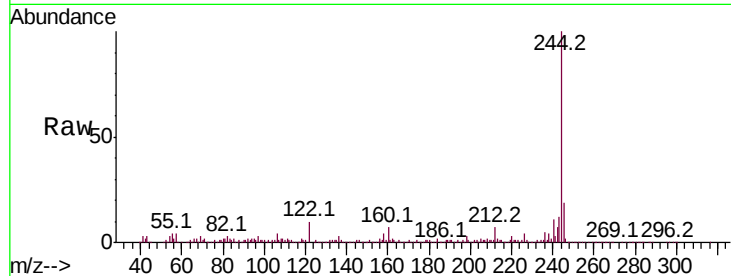
ClientSampleId :

NON-UST-03R-AMS

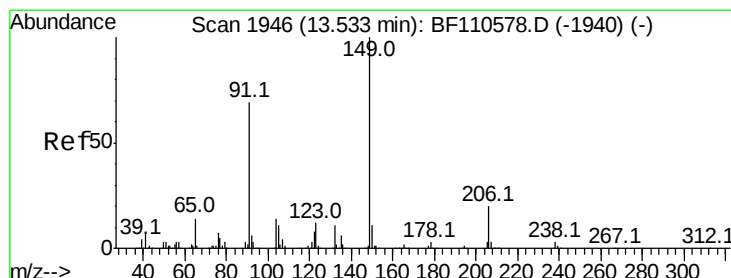
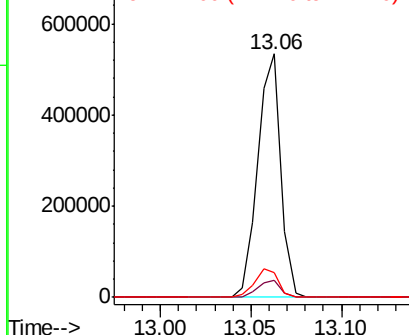
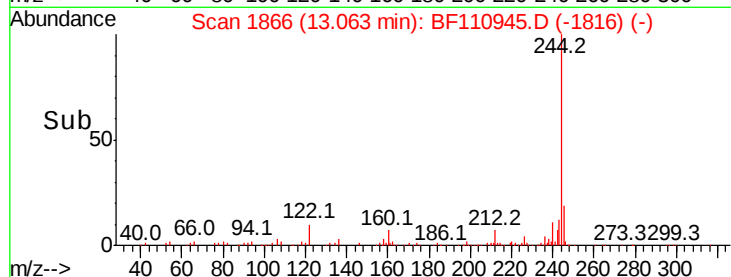
Tot Ion:	244	Resp:	471339
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.4	8.7	13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.746 ng

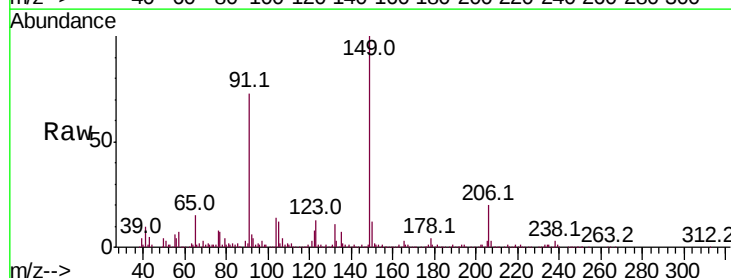
RT: 13.52 min Scan# 1944

Delta R.T. -0.01 min

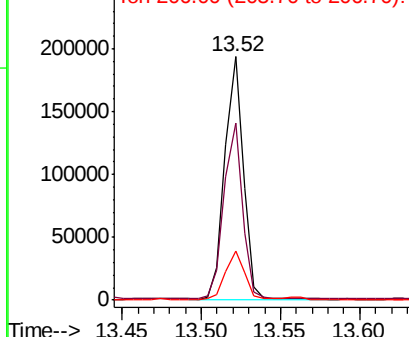
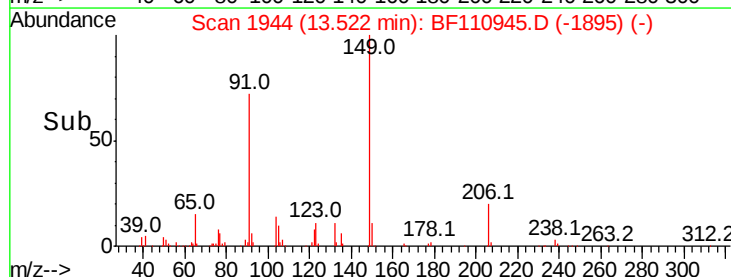
Lab File: BF110945.D

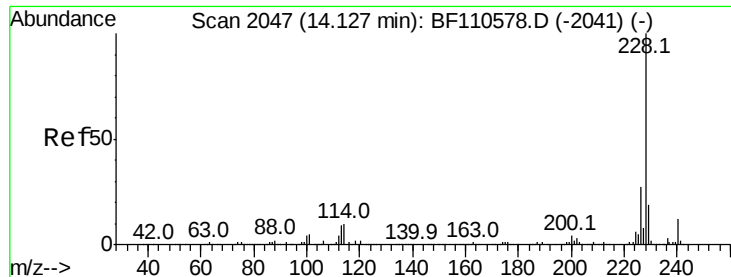
Acq: 23 Nov 2018 15:45

Tgt Ion:	149	Resp:	156939
Ion Ratio		Lower	Upper
149	100		
91	72.5	57.2	85.8
206	20.4	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.705 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

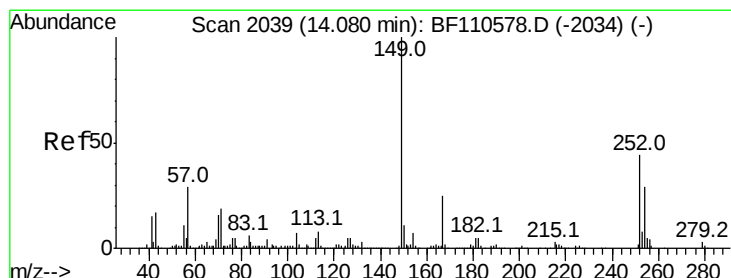
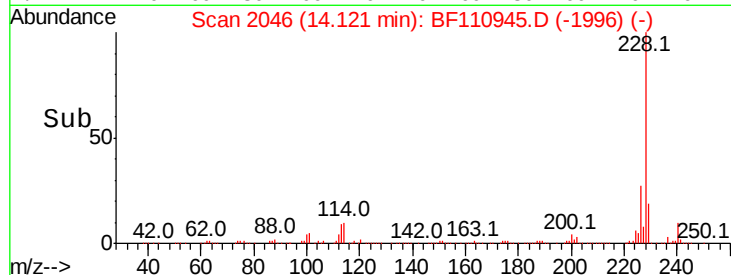
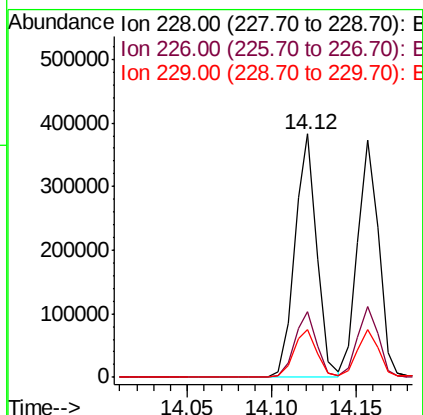
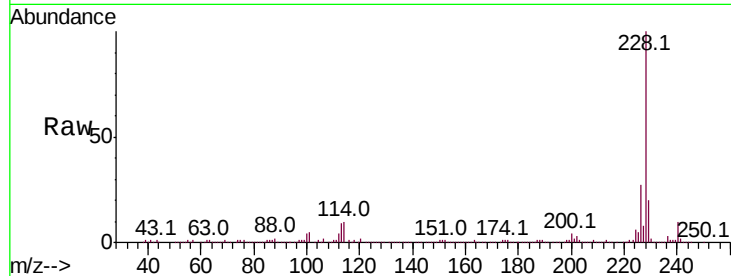
ClientSampleId :

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Tot Ion:	228	Resp:	346072
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.1	33.1
229	19.8	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 15.264 ng

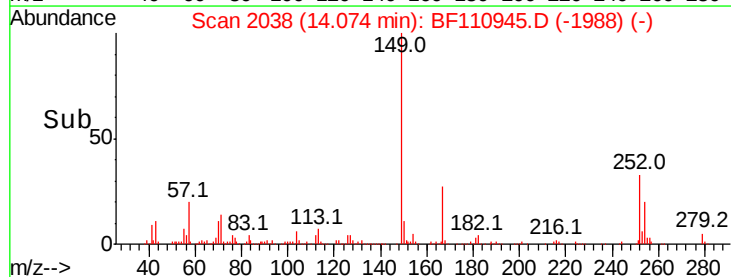
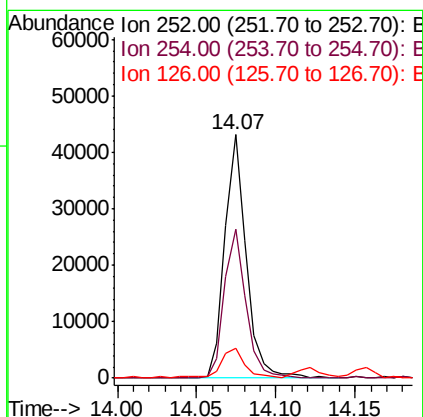
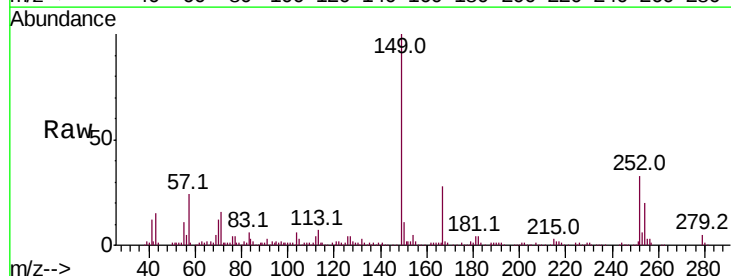
RT: 14.07 min Scan# 2038

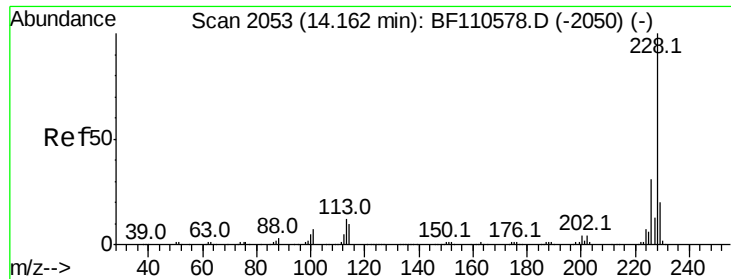
Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Tgt Ion:	252	Resp:	40490
Ion Ratio	Lower	Upper	
252	100		
254	61.1	51.3	76.9
126	12.2	9.4	14.2





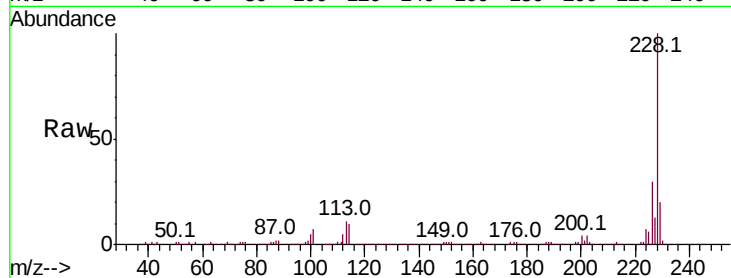
#83
Chrysene
Concen: 43.104 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	20.3	15.9	23.9

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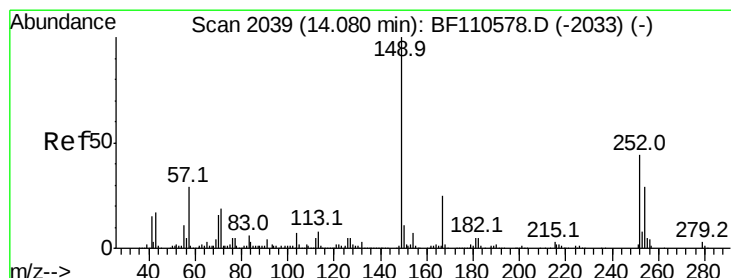
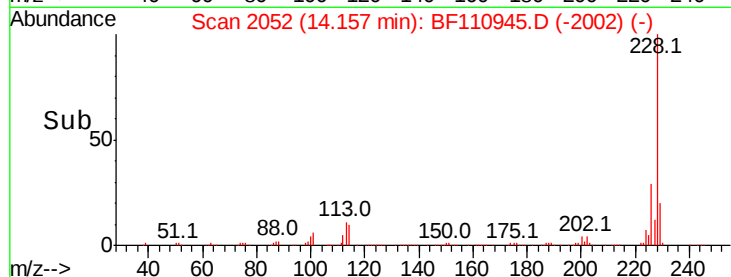
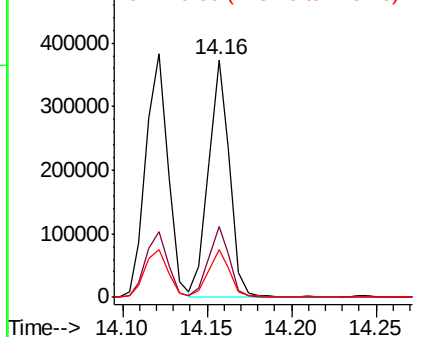


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.589 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

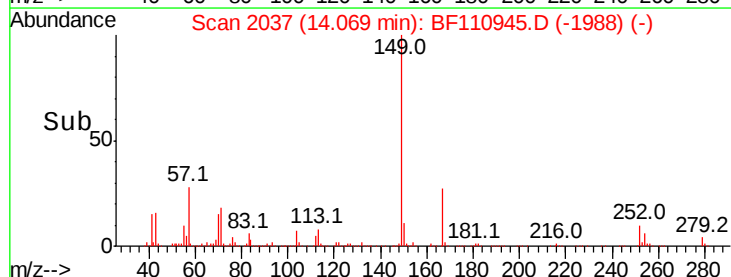
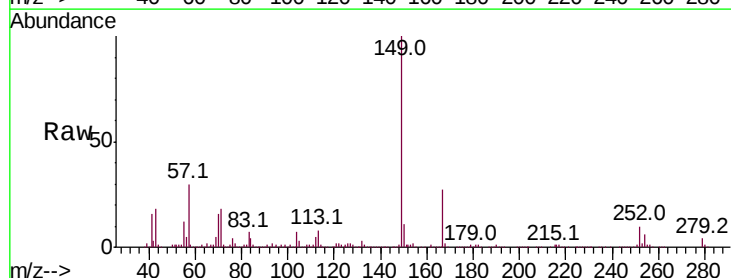
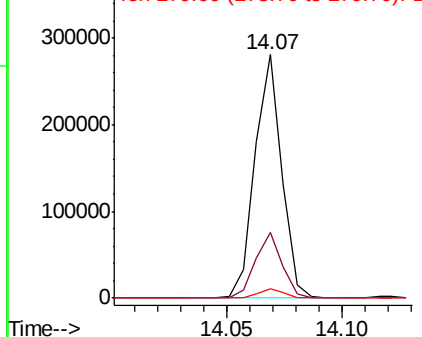
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.7	2.7	4.1

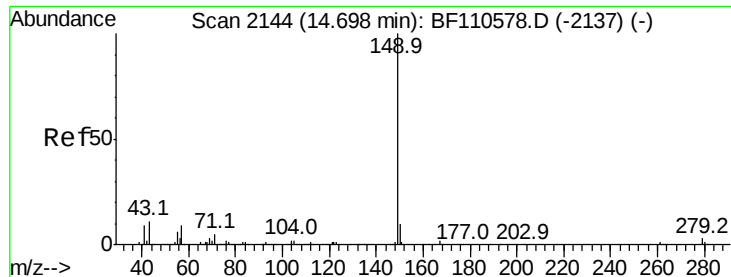
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.554 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BF110945.D

Acq: 23 Nov 2018 15:45

Instrument :

BNA_F

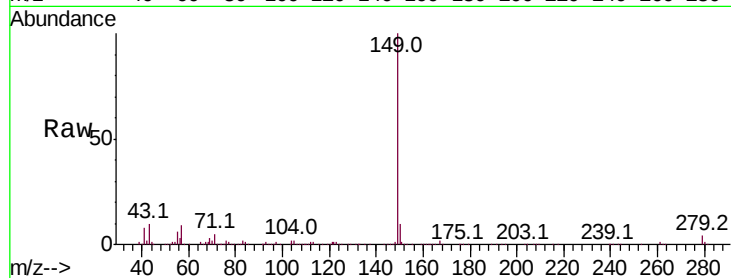
ClientSampleId :

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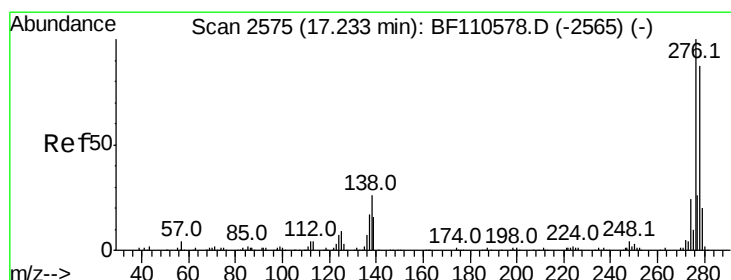
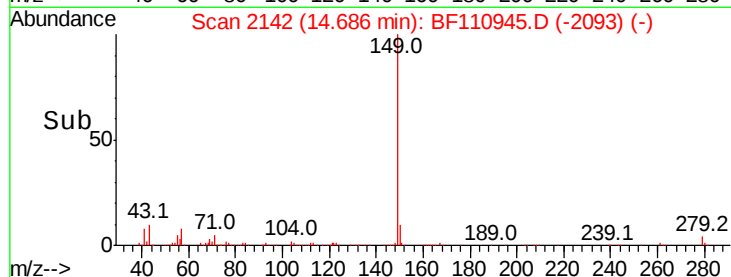
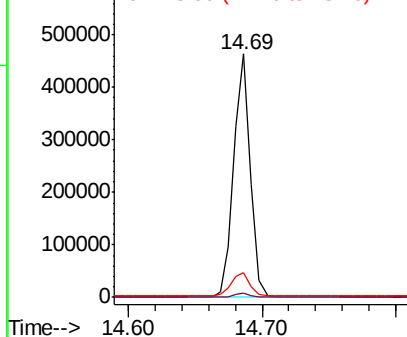
Tot Ion:	149	Resp:	404891
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.1	1.7#
43	10.4	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 65.256 ng

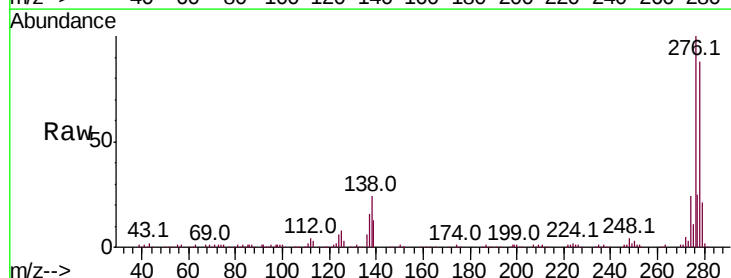
RT: 17.26 min Scan# 2579

Delta R.T. 0.02 min

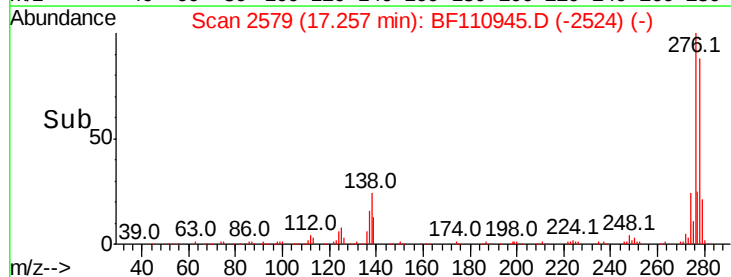
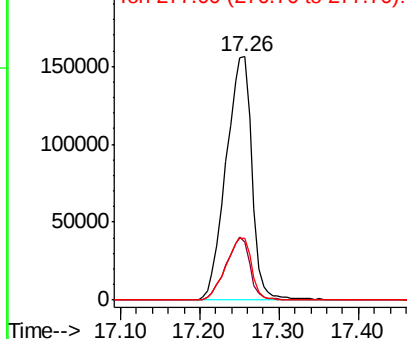
Lab File: BF110945.D

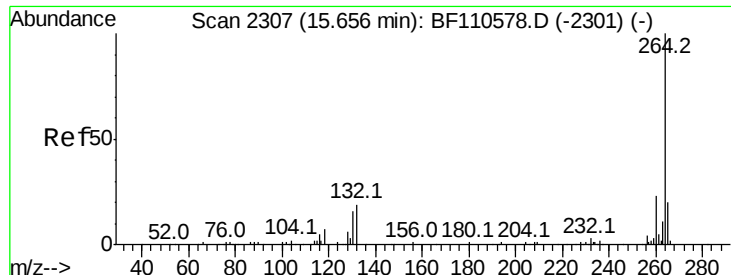
Acq: 23 Nov 2018 15:45

Tgt Ion:	276	Resp:	353260
Ion Ratio	Lower	Upper	
276	100		
138	24.3	18.5	27.7
277	25.3	20.0	30.0



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





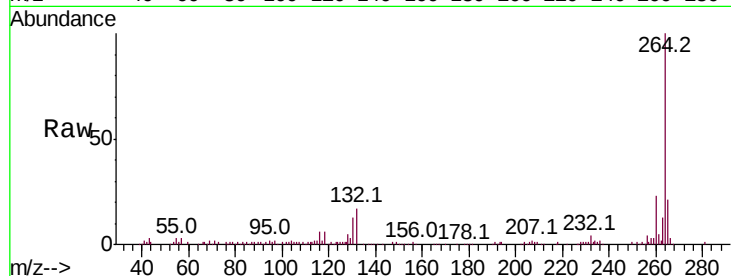
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.9	16.7	25.1

Manual Integrations
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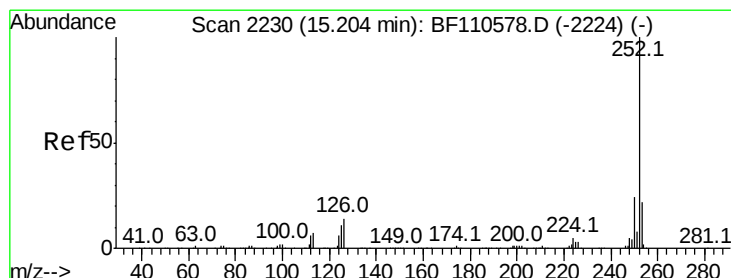
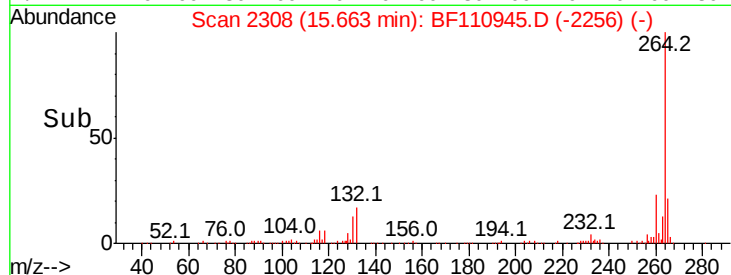
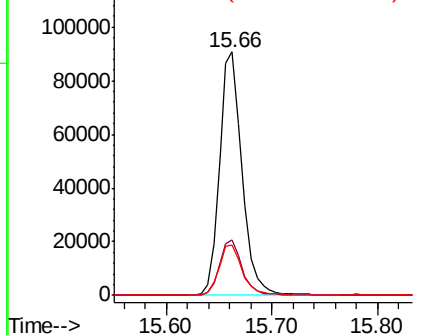


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.699 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

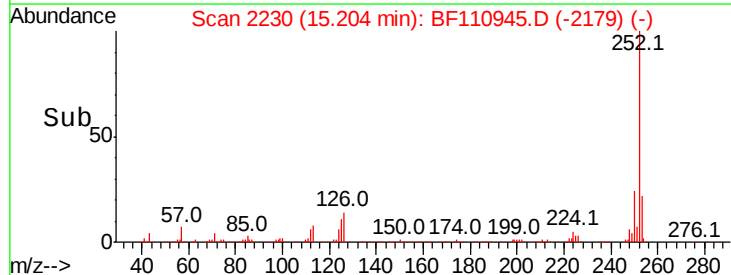
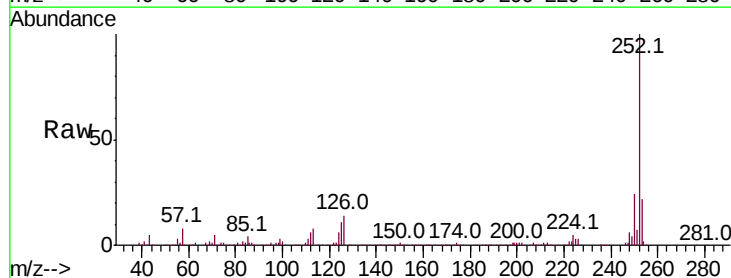
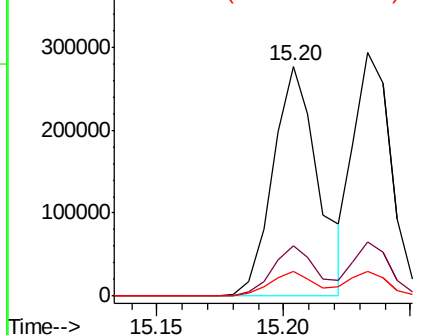
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.9	8.2	12.4

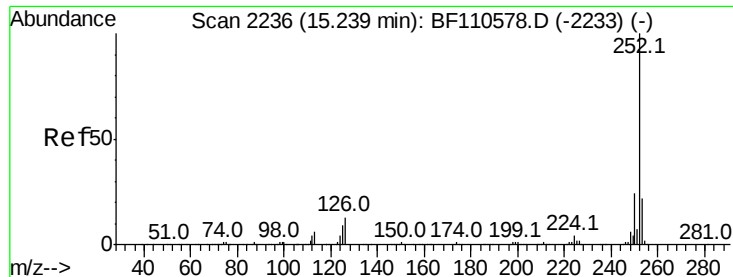
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





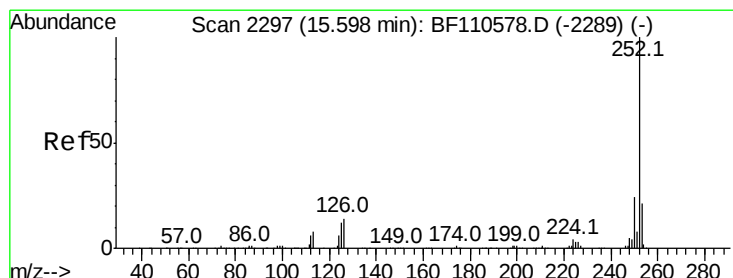
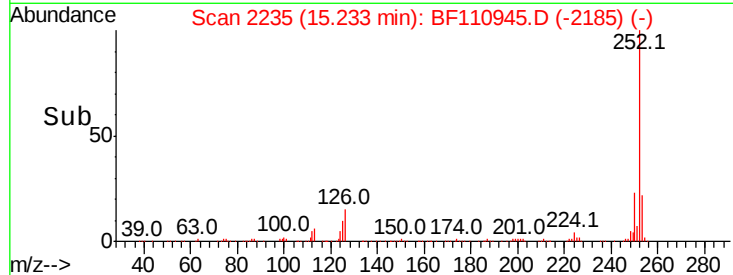
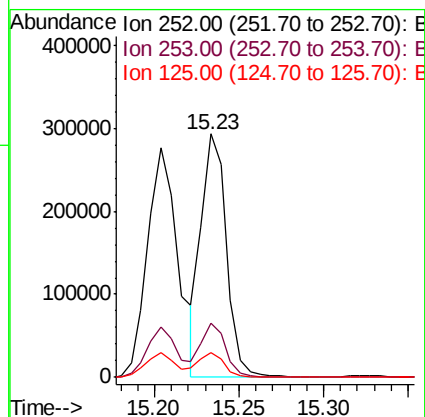
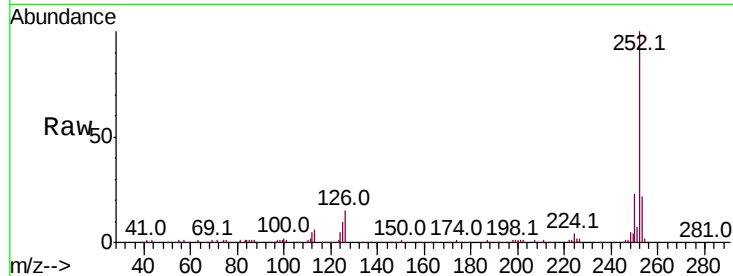
#89
Benzo(k)fluoranthene
Concen: 37.856 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.9	7.4	11.0

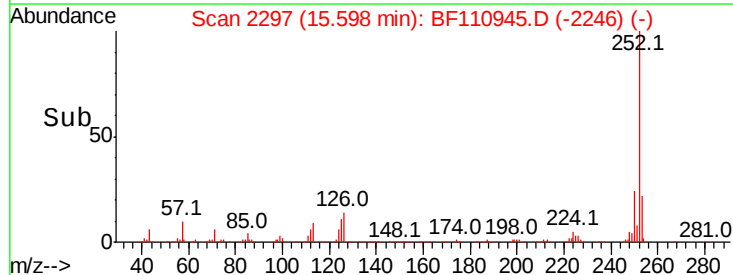
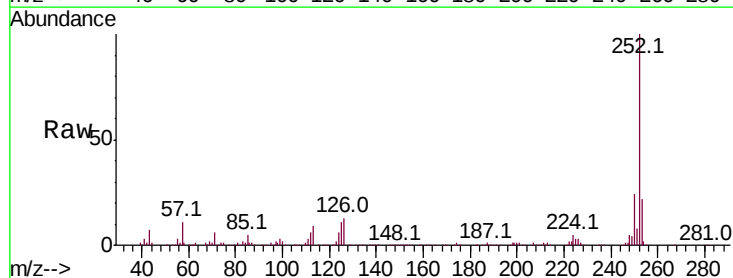
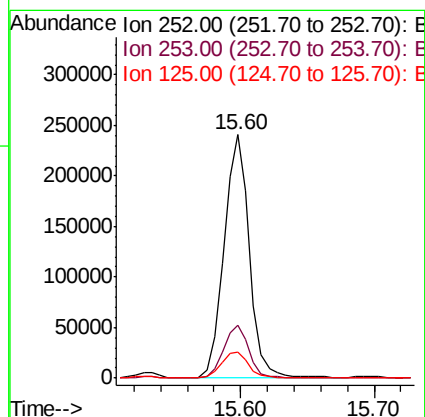
Manual Integrations
APPROVED

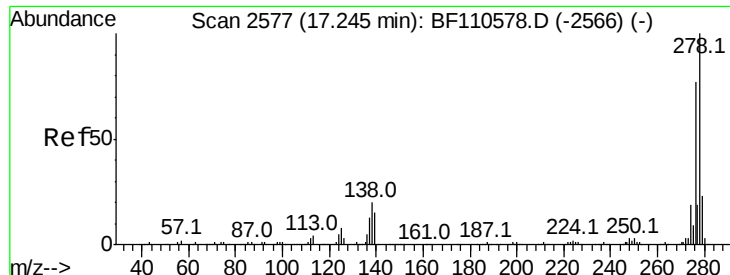
MOHAMMAD
11/26/2018 3:11:57 PM



#90
Benzo(a)pyrene
Concen: 43.708 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.9	9.0	13.6





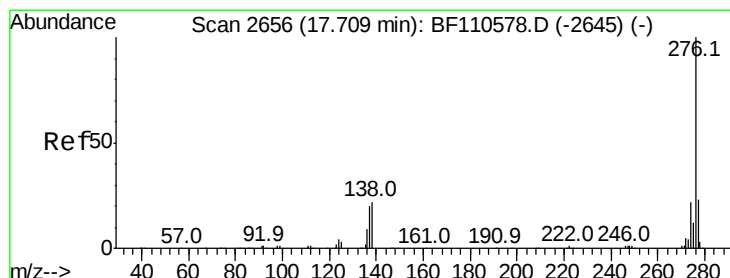
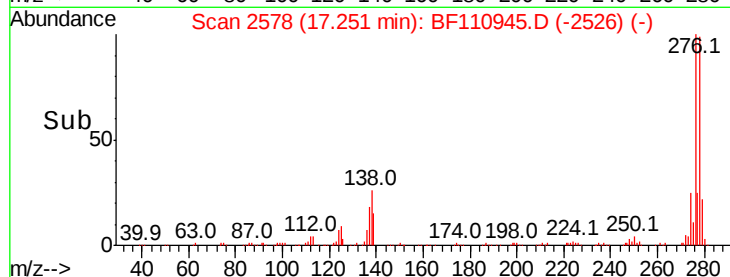
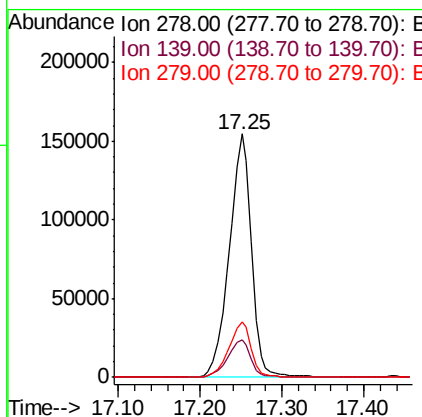
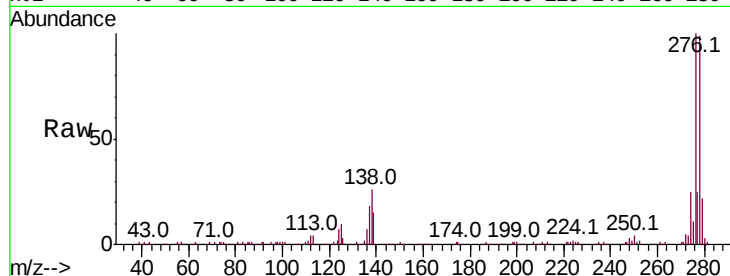
#91
Dibenzo(a,h)anthracene
Concen: 47.091 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	22.6	19.0	28.4

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 3:11:57 PM



#92
Benzo(g,h,i)perylene
Concen: 45.916 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110945.D
Acq: 23 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.8	28.2
138	20.8	16.0	24.0

