

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF110997.D
 Acq On : 27 Nov 2018 9:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/28/2018 4:41:47 PM

Quant Time: Nov 27 10:17:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61427	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	272706	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	133907	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	255619	20.00	ng	0.00
76) Chrysene-d12	14.14	240	184212	20.00	ng	0.00
87) Perylene-d12	15.67	264	135375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	305785	82.55	ng	0.00
7) Phenol-d6	6.57	99	397588	82.36	ng	0.00
23) Nitrobenzene-d5	7.51	82	385980	81.00	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	108488	81.58	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	744026	80.50	ng	0.00
79) Terphenyl-d14	13.06	244	778412	82.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	69069	38.920	ng	89
3) Pyridine	3.55	79	147590	37.980	ng	# 87
4) n-Nitrosodimethylamine	3.52	42	71708	40.327	ng	# 83
6) Aniline	6.60	93	253148	42.422	ng	# 57
8) 2-Chlorophenol	6.73	128	182203	41.505	ng	98
9) Benzaldehyde	6.50	77	106654	41.869	ng	98
10) Phenol	6.59	94	227662	41.878	ng	# 66
11) bis(2-Chloroethyl)ether	6.67	93	166333	40.613	ng	95
12) 1,3-Dichlorobenzene	6.87	146	196011	40.644	ng	98
13) 1,4-Dichlorobenzene	6.96	146	201159	40.561	ng	98
14) 1,2-Dichlorobenzene	7.11	146	189544	40.608	ng	99
15) Benzyl Alcohol	7.09	79	159707	43.051	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	269877	41.405	ng	82
17) 2-Methylphenol	7.19	107	143091	40.996	ng	# 86
18) Hexachloroethane	7.44	117	75397	41.330	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	132404	42.108	ng	96
20) 3+4-Methylphenols	7.35	107	193913	41.793	ng	# 83
22) Acetophenone	7.35	105	259631	40.617	ng	# 91
24) Nitrobenzene	7.53	77	192679	38.884	ng	97
25) Isophorone	7.76	82	317321	40.597	ng	97
26) 2-Nitrophenol	7.85	139	101899	42.327	ng	92
27) 2,4-Dimethylphenol	7.87	122	149751	41.190	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	213029	40.682	ng	99
29) 2,4-Dichlorophenol	8.09	162	155524	40.880	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	171066	40.123	ng	95
31) Naphthalene	8.25	128	514815	40.273	ng	100
32) Benzoic acid	8.02	122	105407	38.996	ng	98
33) 4-Chloroaniline	8.30	127	228073	41.918	ng	99
34) Hexachlorobutadiene	8.35	225	97994	40.354	ng	99
35) Caprolactam	8.69	113	53680	41.330	ng	91
36) 4-Chloro-3-methylphenol	8.78	107	173031	40.934	ng	98
37) 2-Methylnaphthalene	8.93	142	341385	40.432	ng	99
38) 1-Methylnaphthalene	9.03	142	330651m	40.260	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	170442	40.462	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 SSTDC040

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	32579	57.286	nq	97
43) 2,4,6-Trichlorophenol	9.22	196	103705	41.221	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	108045	40.786	nq	96
46) 1,1'-Biphenyl	9.40	154	500101	40.509	nq	100
47) 2-Chloronaphthalene	9.43	162	359409	40.152	nq	98
48) 2-Nitroaniline	9.54	65	116469	41.599	nq	92
49) Acenaphthylene	9.85	152	508451	39.946	nq	97
50) Dimethylphthalate	9.70	163	393432	40.061	nq	100
51) 2,6-Dinitrotoluene	9.77	165	88612	40.530	nq #	86
52) Acenaphthene	10.02	154	326972	40.071	nq	99
53) 3-Nitroaniline	9.95	138	105720	41.489	nq	92
54) 2,4-Dinitrophenol	10.07	184	29274	39.854	nq	94
55) Dibenzofuran	10.19	168	472322	39.678	nq	99
56) 4-Nitrophenol	10.12	139	57746	42.844	nq	97
57) 2,4-Dinitrotoluene	10.19	165	114414	40.336	nq	94
58) Fluorene	10.53	166	375004	40.490	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	85133	39.159	nq	91
60) Diethylphthalate	10.39	149	413321	40.812	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	193889	40.024	nq	95
62) 4-Nitroaniline	10.57	138	97372	41.041	nq	98
63) Azobenzene	10.68	77	396605	40.178	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	47969	39.671	nq	98
66) n-Nitrosodiphenylamine	10.65	169	348565	40.962	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	114144	41.001	nq #	89
68) Hexachlorobenzene	11.09	284	117575	39.651	nq #	88
69) Atrazine	11.17	200	97637	41.570	nq	100
70) Pentachlorophenol	11.29	266	53389	45.255	nq	99
71) Phenanthrene	11.50	178	545919	40.324	nq	99
72) Anthracene	11.56	178	552928	40.104	nq	99
73) Carbazole	11.72	167	543704	40.629	nq	99
74) Di-n-butylphthalate	12.02	149	632730	40.439	nq	98
75) Fluoranthene	12.70	202	554534	39.853	nq	98
77) Benzidine	12.82	184	208745	44.303	nq	96
78) Pyrene	12.93	202	565423	42.025	nq	99
80) Butylbenzylphthalate	13.53	149	254750	41.939	nq	97
81) Benzo(a)anthracene	14.13	228	444268	40.850	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	156866	42.065	nq	99
83) Chrysene	14.17	228	429935	40.158	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	338502	41.821	nq	96
85) Di-n-octyl phthalate	14.69	149	514428	40.263	nq	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	306705	39.910	nq	99
88) Benzo(b)fluoranthene	15.22	252	318843	40.092	nq	100
89) Benzo(k)fluoranthene	15.24	252	331327	40.476	nq	98
90) Benzo(a)pyrene	15.61	252	292021	39.448	nq	99
91) Dibenzo(a,h)anthracene	17.27	278	255271	41.794	nq	99
92) Benzo(g,h,i)perylene	17.75	276	248608	42.215	nq	98

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

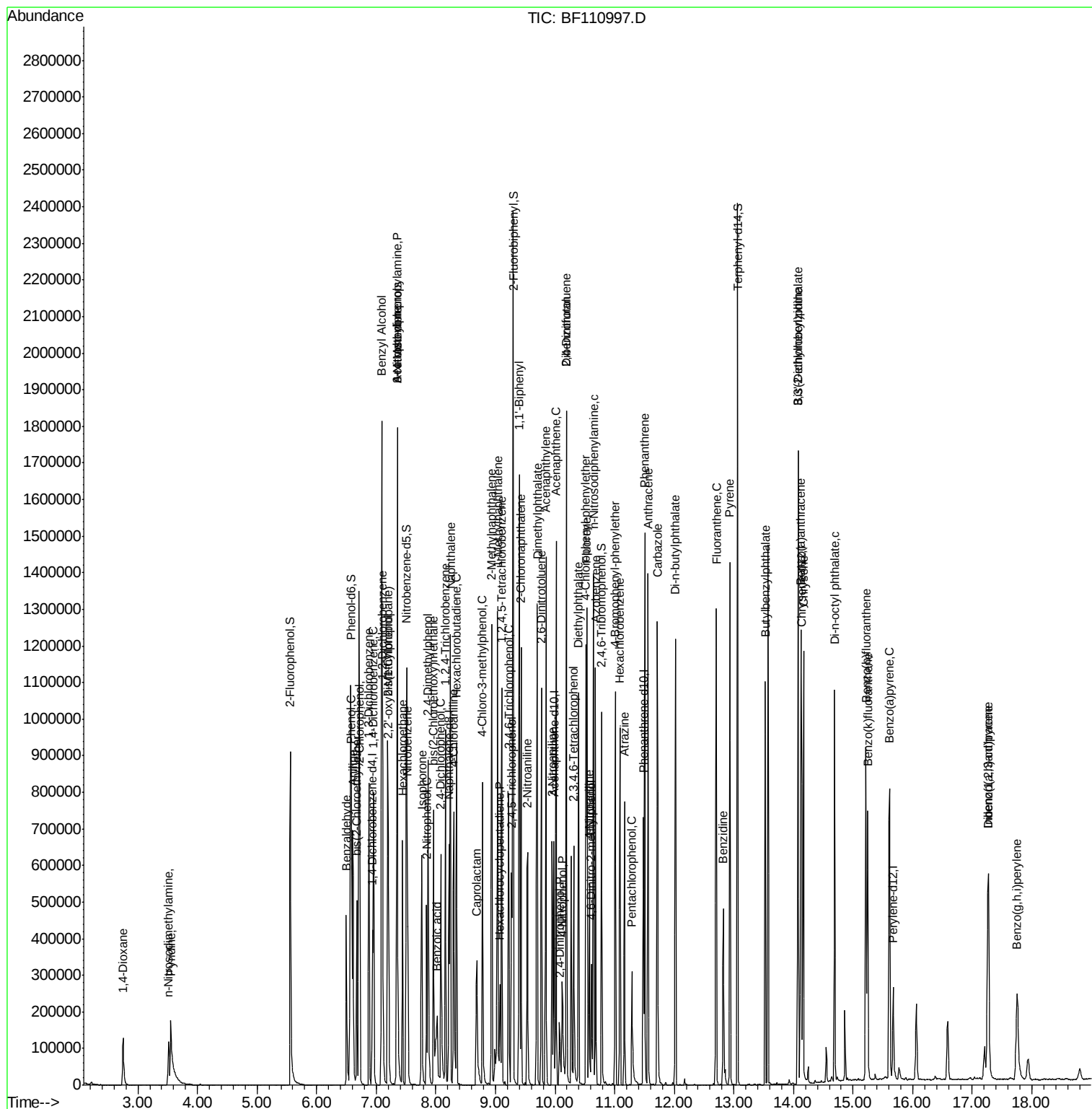
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
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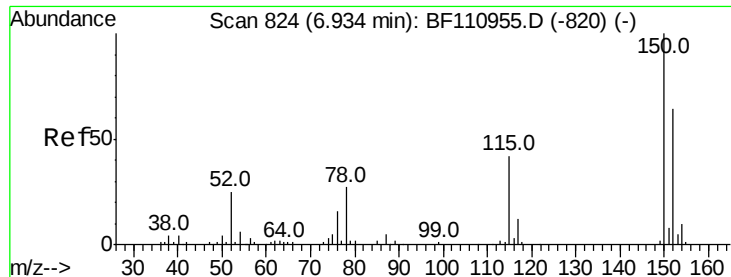
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

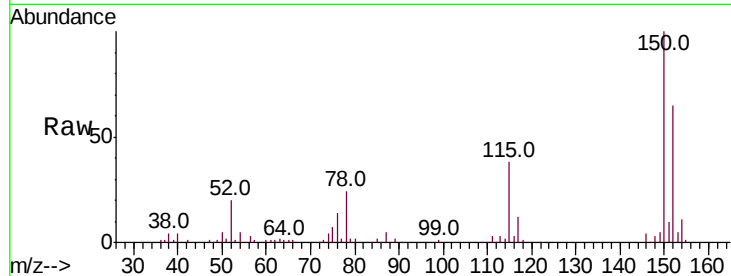
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.7	184.1
115	58.9	49.1	73.7

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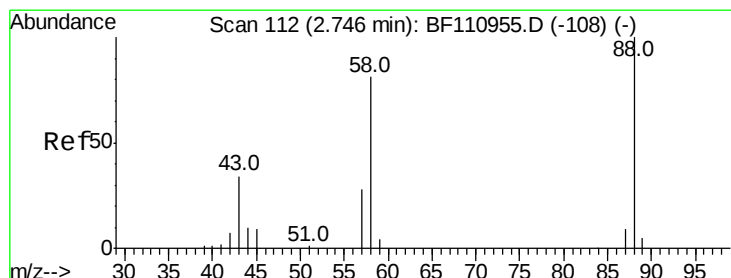
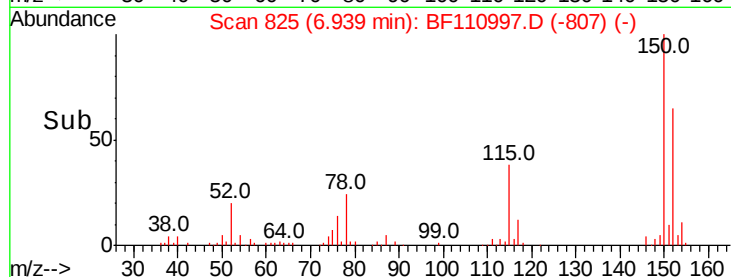
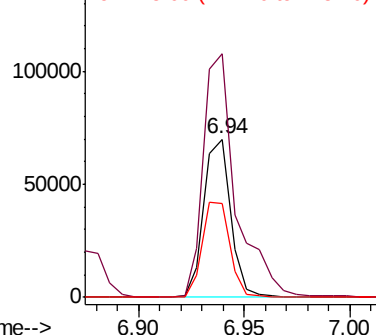


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

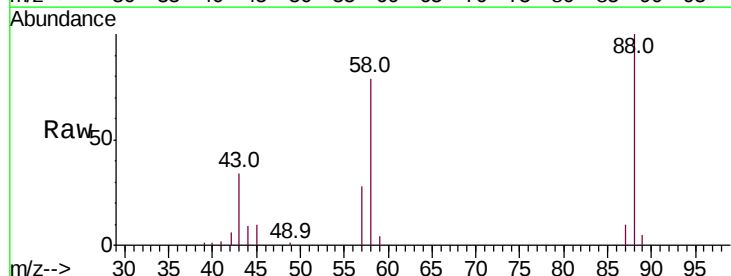
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.920 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.1	85.7
43	34.3	24.1	36.1

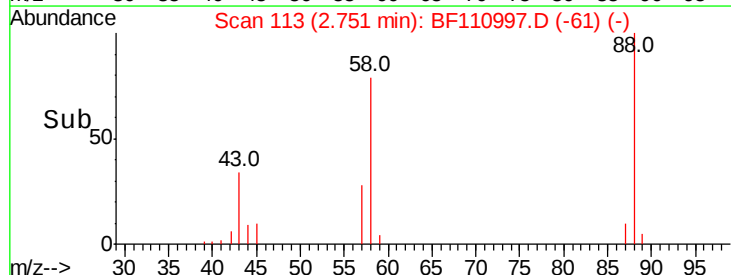
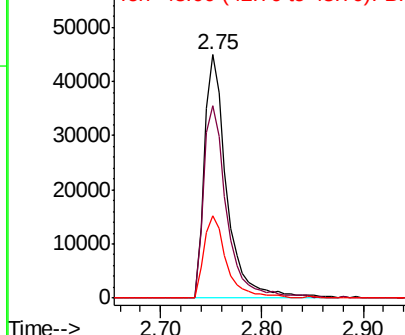


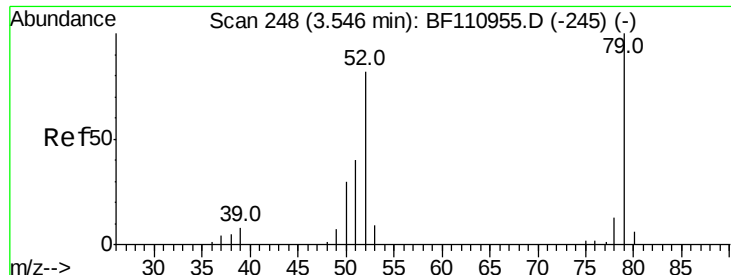
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





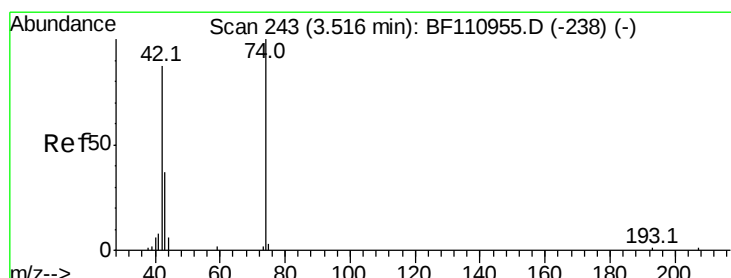
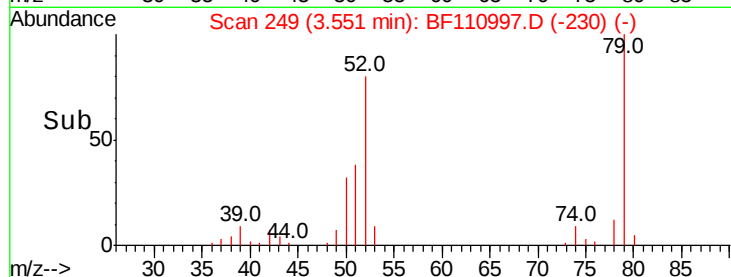
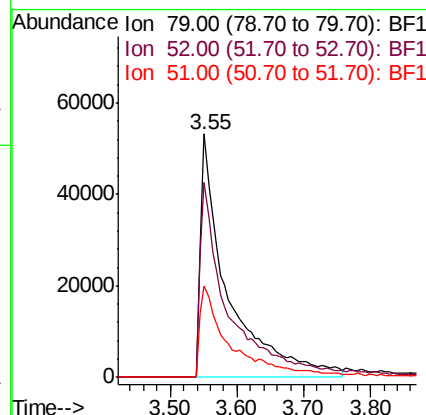
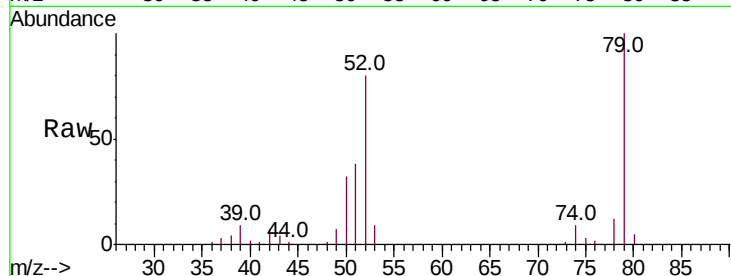
#3
 Pvridine
 Concen: 37.980 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.2	53.1	79.7#
51	37.6	27.4	41.2

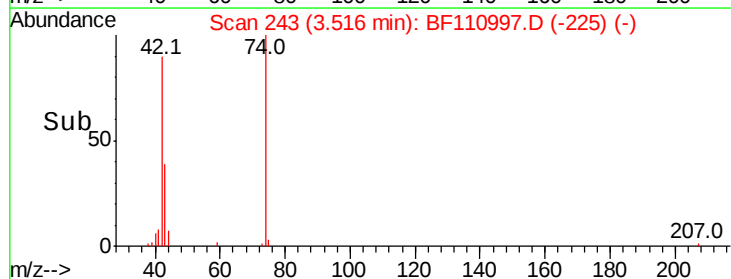
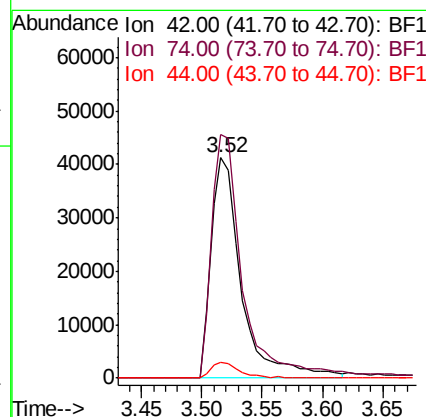
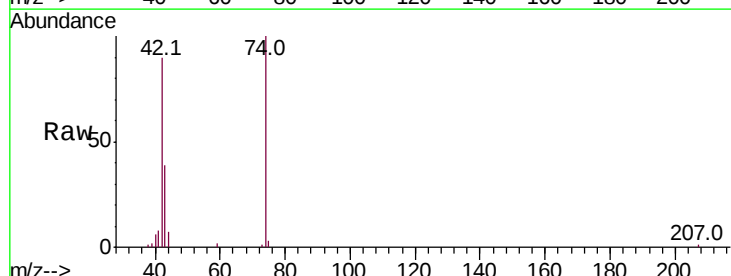
Manual Integrations
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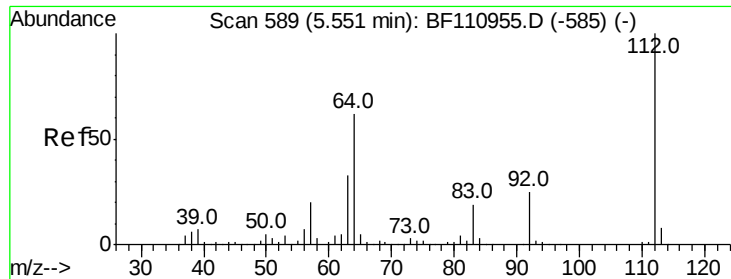
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#4
 n-Nitrosodimethylamine
 Concen: 40.327 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.6	105.5	158.3
44	7.4	4.9	7.3#





#5

2-Fluorophenol

Concen: 82.551 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

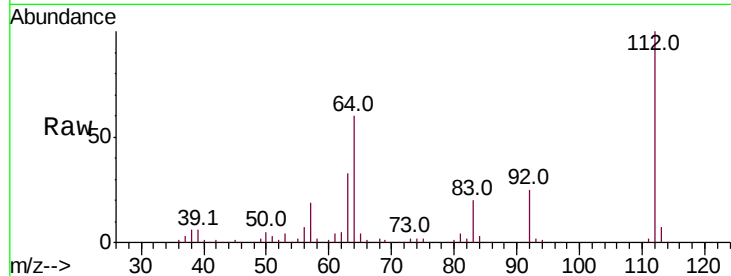
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	305785
Ion Ratio	Lower	Upper	
112	100		
64	60.1	44.1	66.1
63	32.7	23.7	35.5

Manual Integrations
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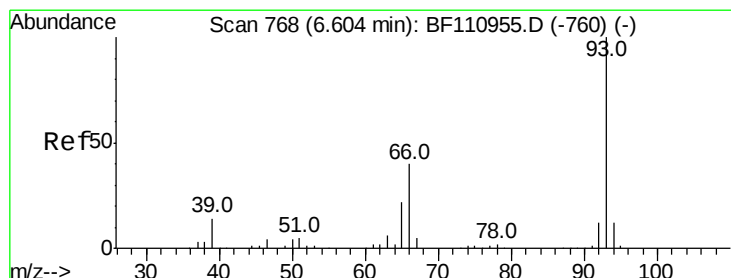
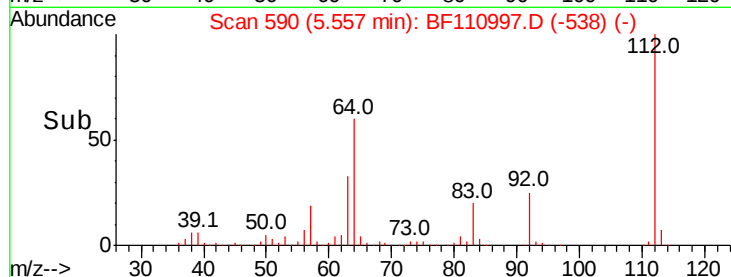
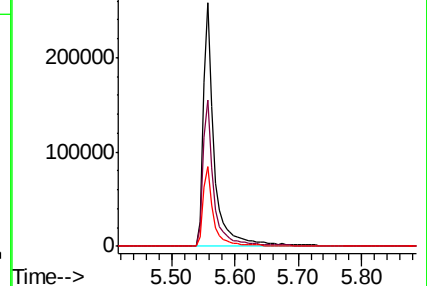
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.422 ng

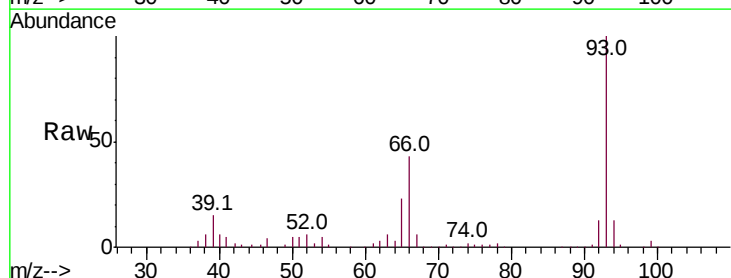
RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

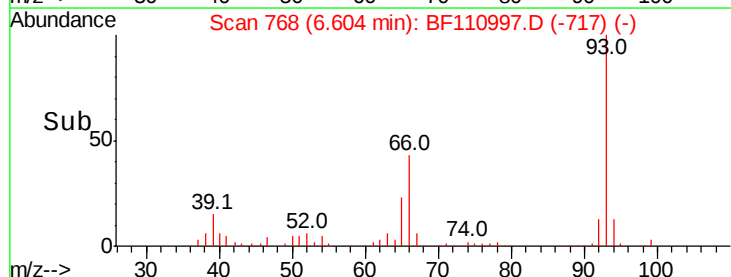
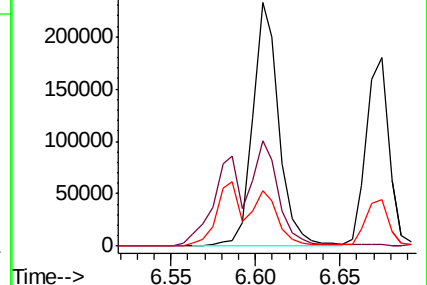
Tgt Ion:	93	Resp:	253148
Ion Ratio	Lower	Upper	
93	100		
66	43.2	67.4	101.0#
65	22.9	41.0	61.4#

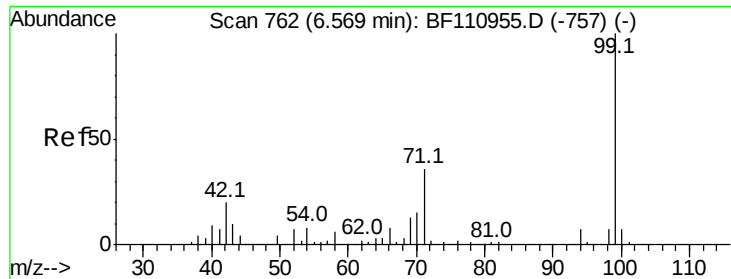


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.365 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

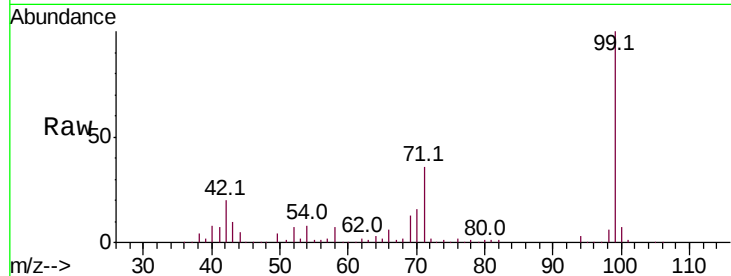
ClientSampleId :

SSTDCCC040

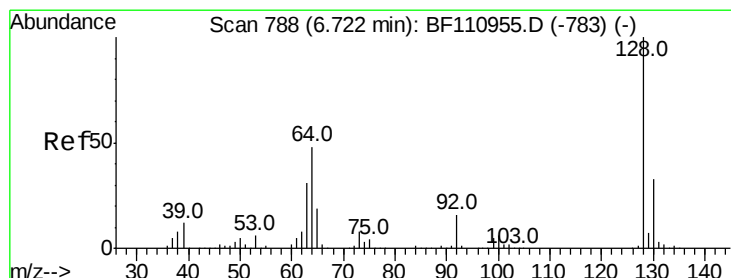
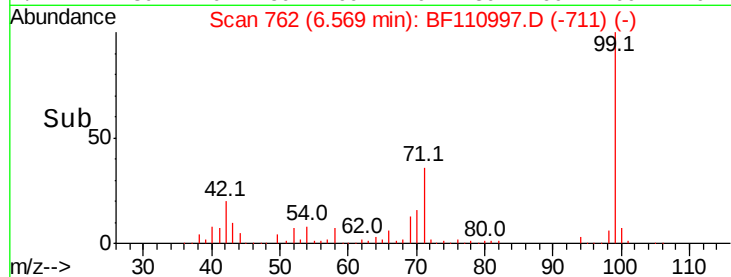
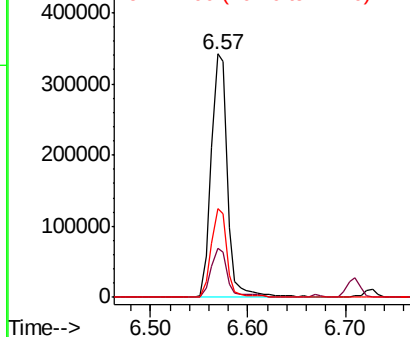
Tot Ion:	99	Resp:	397588
Ion Ratio	Lower	Upper	
99	100		
42	20.4	15.8	23.6
71	36.3	28.0	42.0

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.505 ng

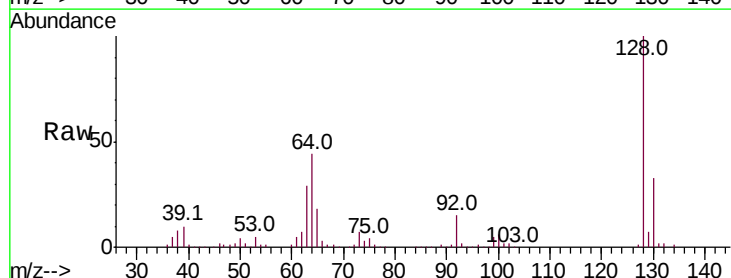
RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

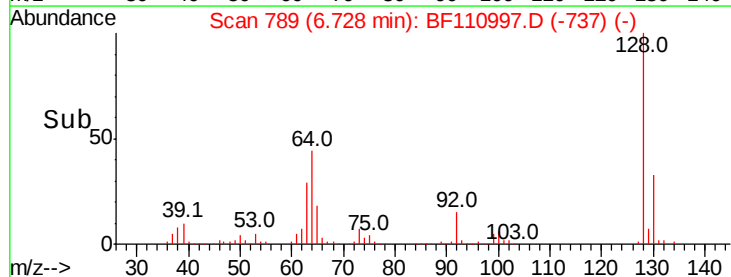
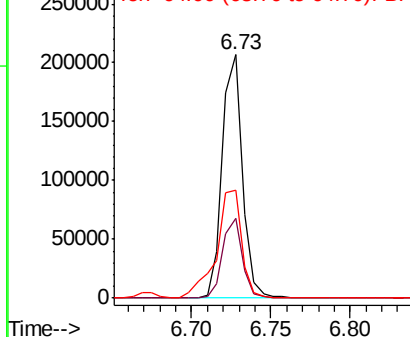
Lab File: BF110997.D

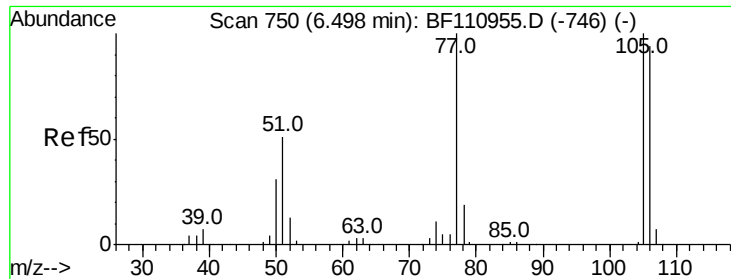
Acq: 27 Nov 2018 9:28

Tgt Ion:	128	Resp:	182203
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	44.1	26.0	66.0



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





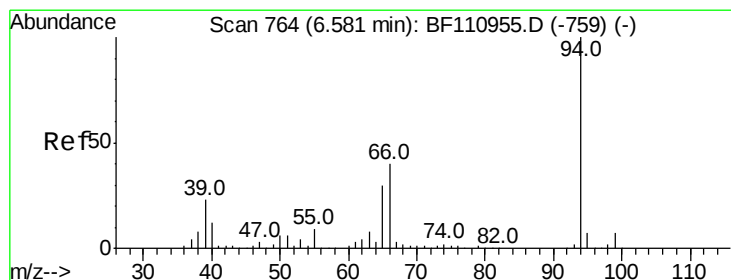
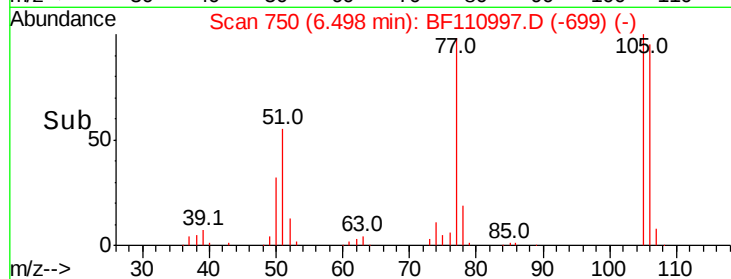
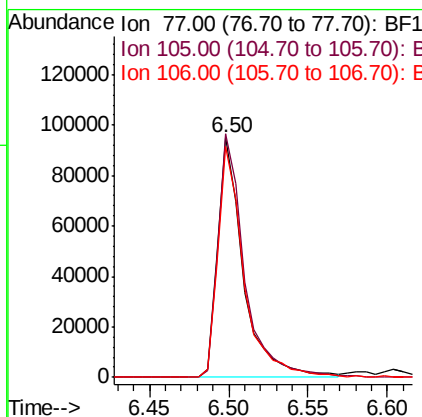
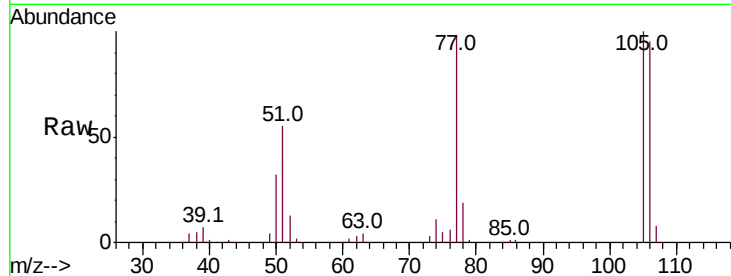
#9
Benzaldehyde
Concen: 41.869 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	78.6	118.6
106	96.2	74.8	114.8

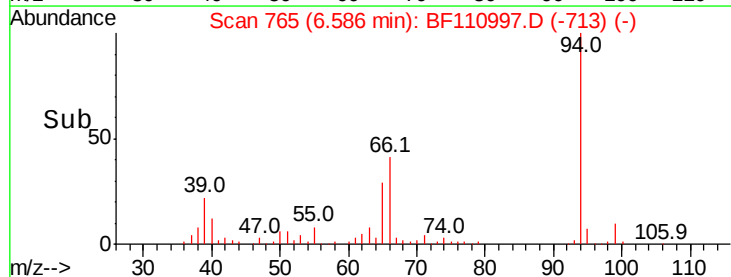
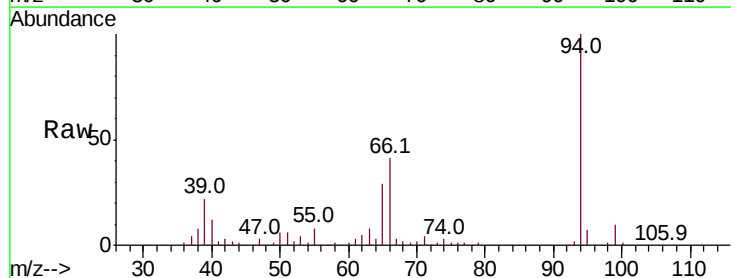
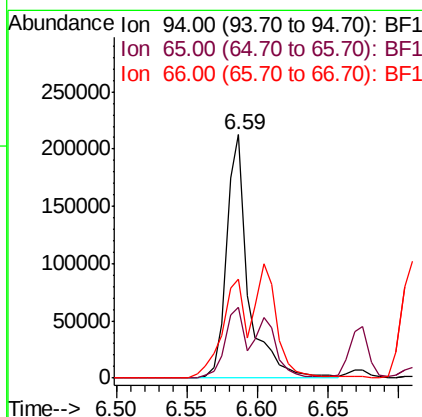
Manual Integrations
APPROVED

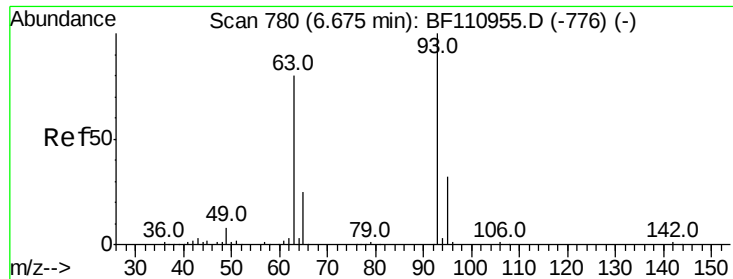
mohammad
11/28/2018 4:41:47 PM



#10
Phenol
Concen: 41.878 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	25.3	65.3
66	40.6	54.5	94.5#





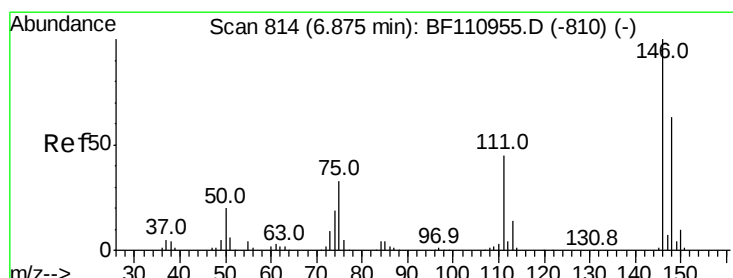
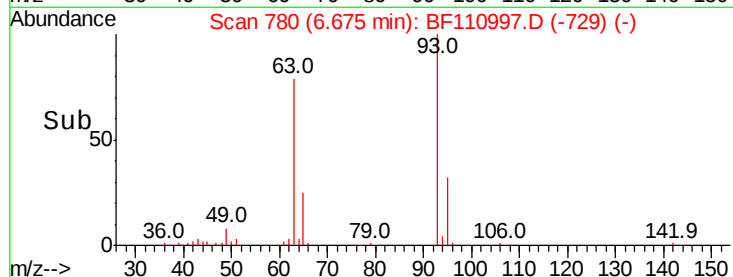
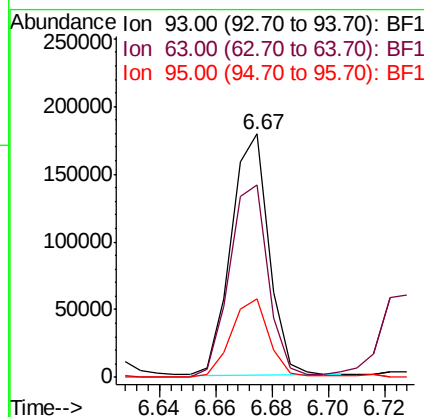
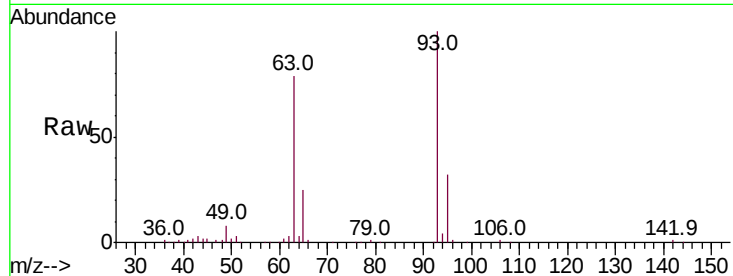
#11
bis(2-Chloroethyl)ether
Concen: 40.613 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	79.0	53.4	93.4
95	32.3	12.1	52.1

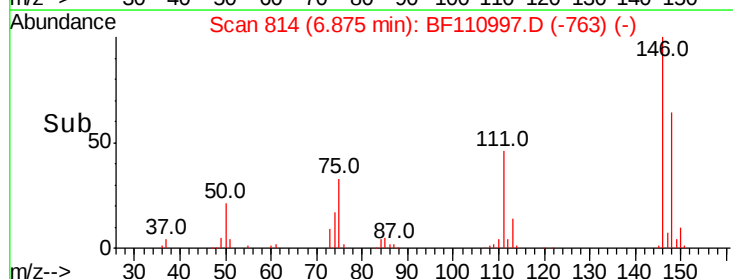
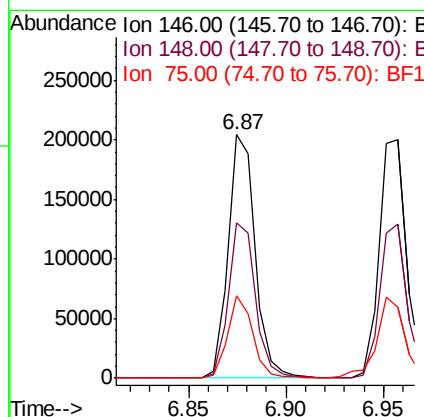
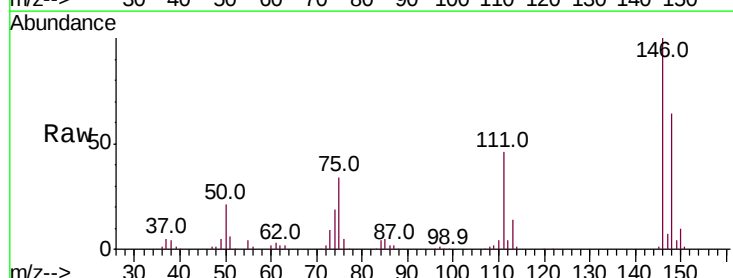
Manual Integrations
APPROVED

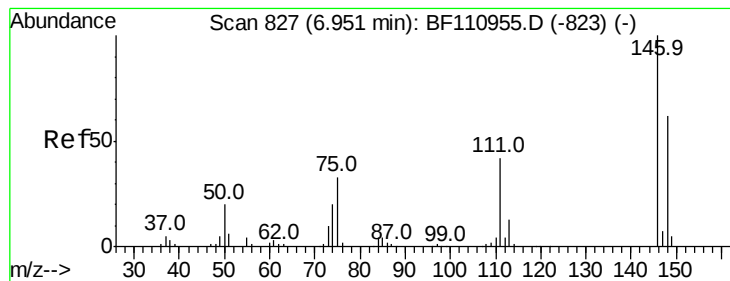
mohammad
11/28/2018 4:41:47 PM



#12
1,3-Dichlorobenzene
Concen: 40.644 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	50.4	75.6
75	33.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.561 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

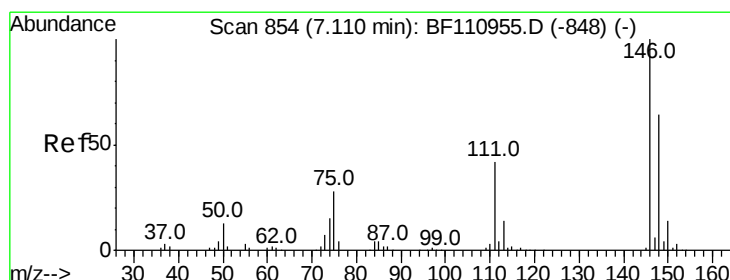
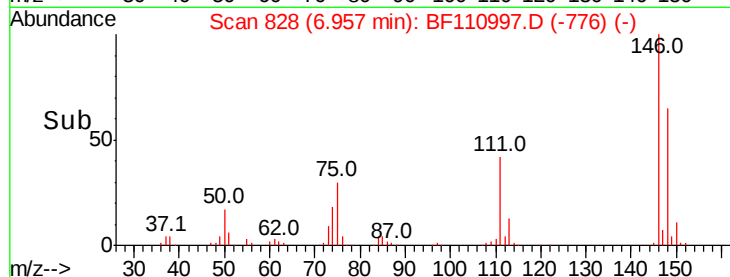
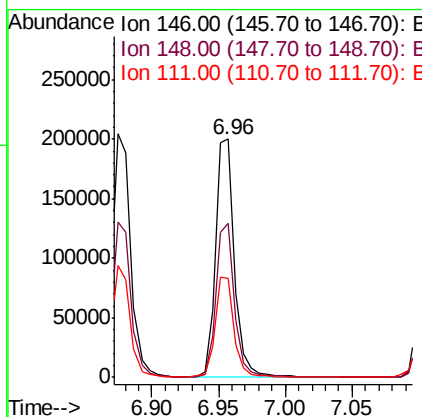
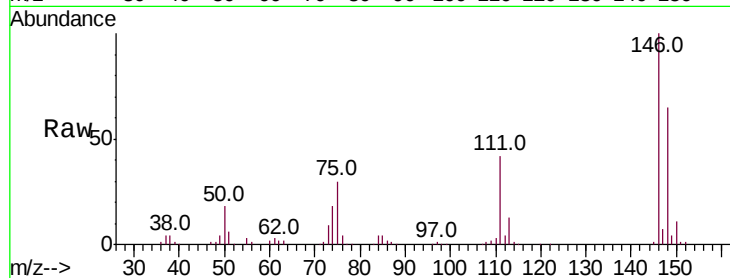
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	201159
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.3	75.5
111	41.6	32.7	49.1

Manual Integrations
APPROVED

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#14

1,2-Dichlorobenzene

Concen: 40.608 ng

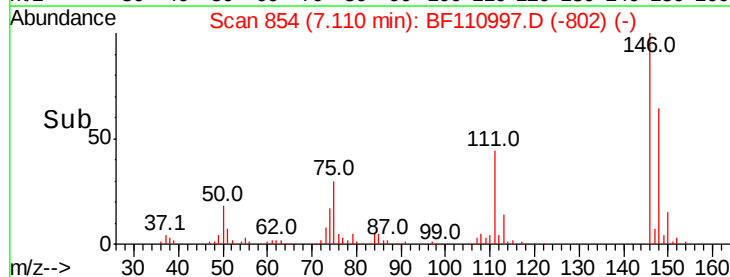
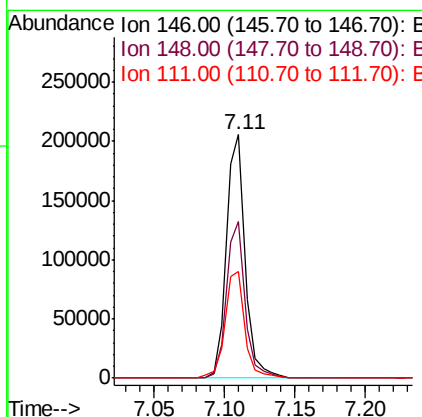
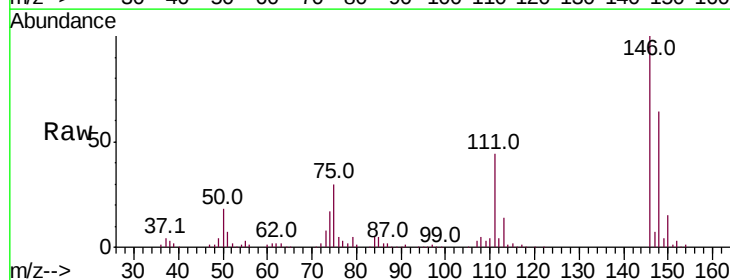
RT: 7.11 min Scan# 854

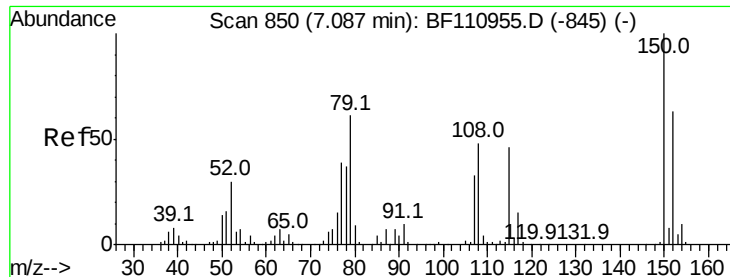
Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Tgt Ion:	146	Resp:	189544
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.1	76.7
111	43.8	35.8	53.6





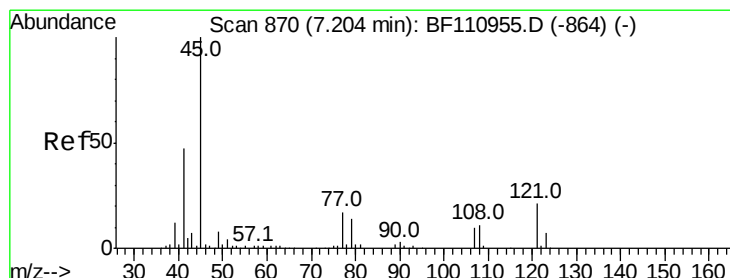
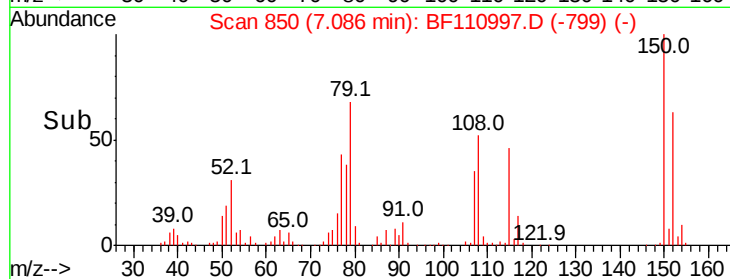
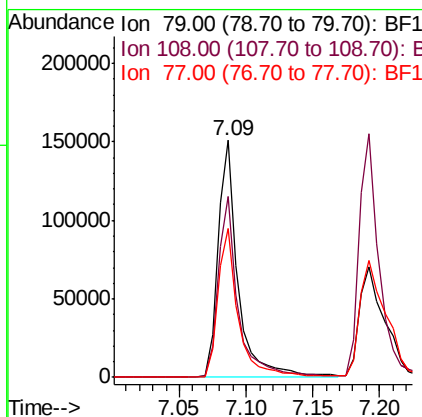
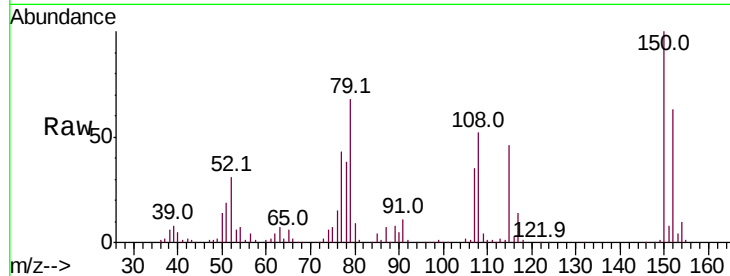
#15
Benzyl Alcohol
Concen: 43.051 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	56.3	84.5
77	62.7	52.9	79.3

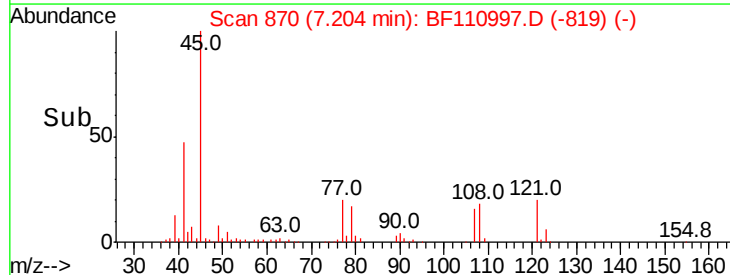
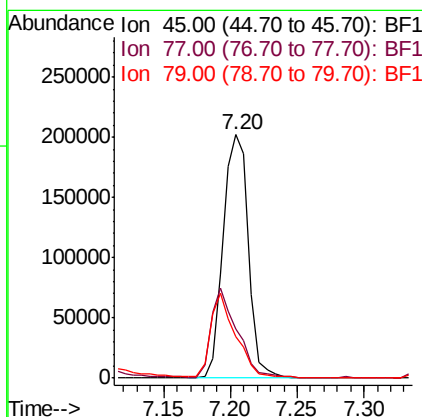
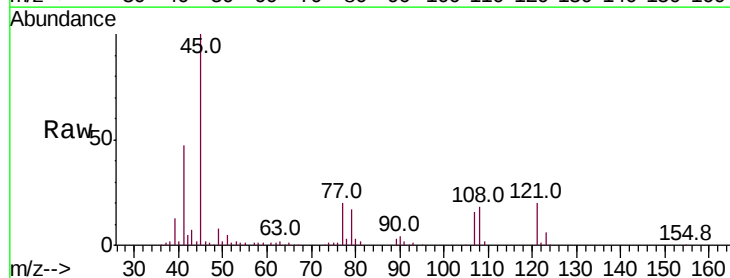
Manual Integrations
APPROVED

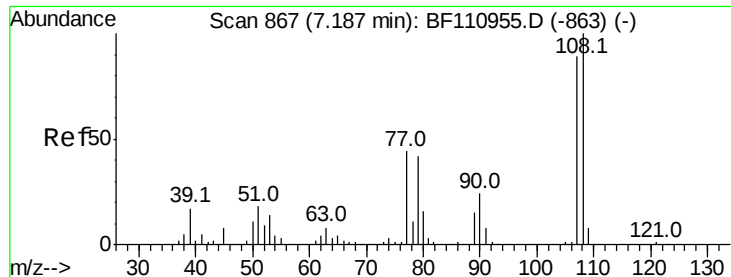
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.405 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.0	10.0	50.0
79	17.2	6.1	46.1





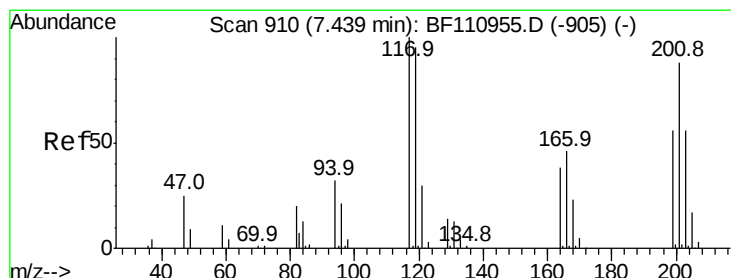
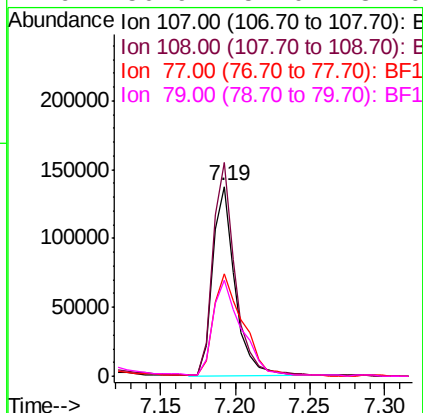
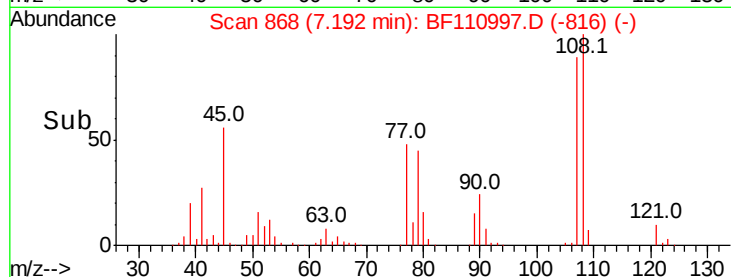
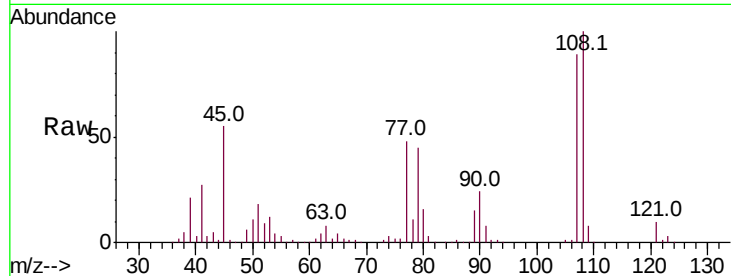
#17
2-Methylphenol
Concen: 40.996 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	143091		
108	112.5	92.6	138.8	
77	54.1	59.4	89.2#	
79	50.9	54.0	81.0#	

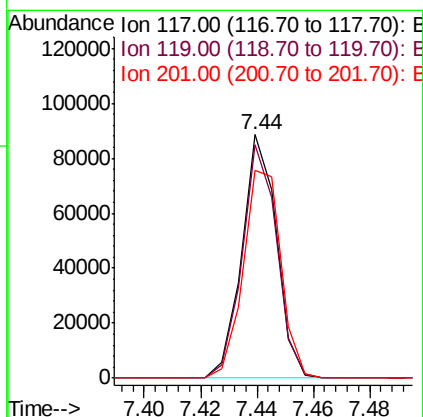
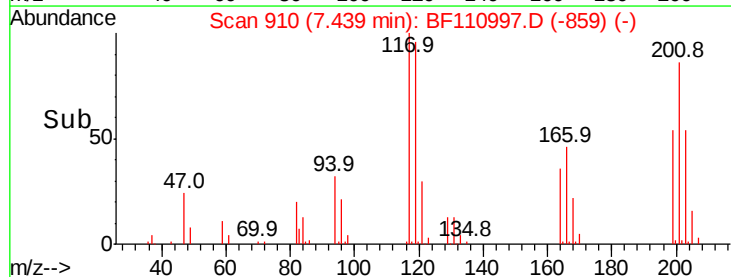
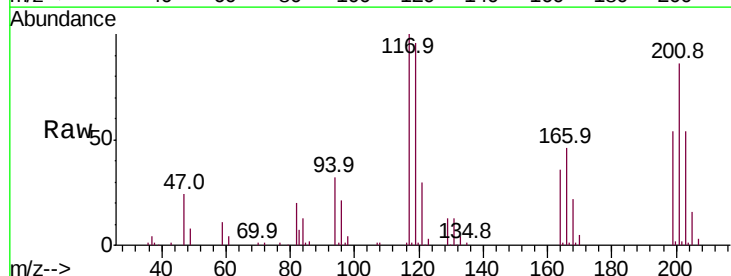
Manual Integrations
APPROVED

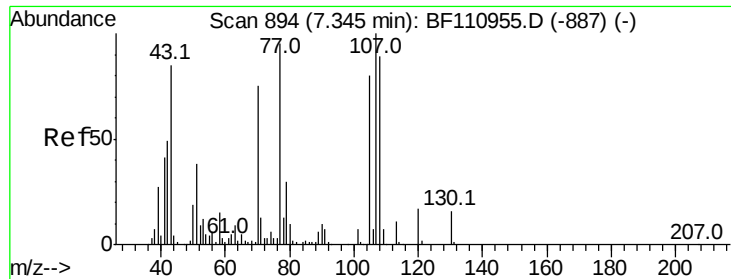
mohammad
11/28/2018 4:41:47 PM



#18
Hexachloroethane
Concen: 41.330 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75397		
119	95.6	75.0	112.6	
201	85.5	79.2	118.8	





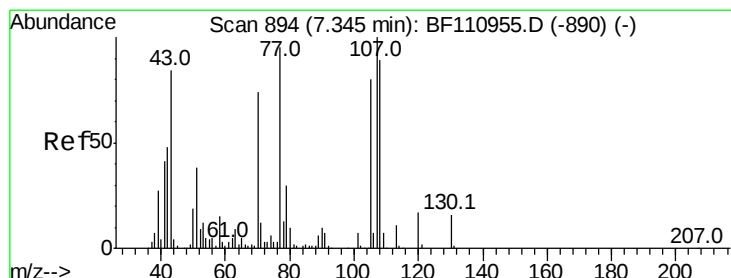
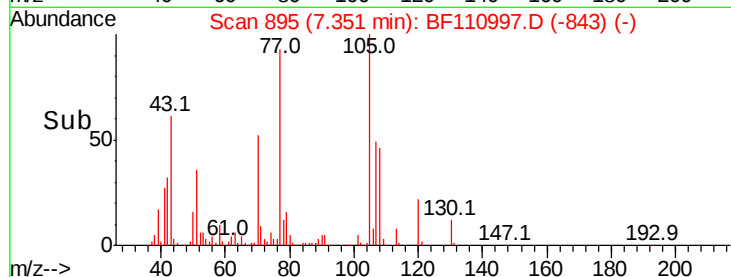
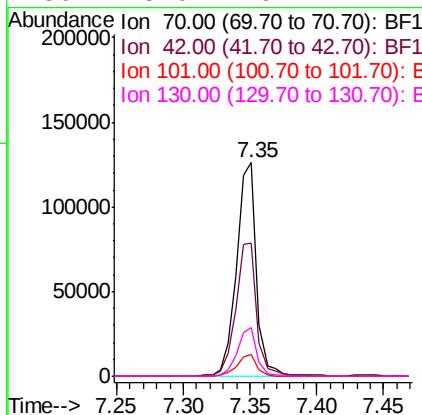
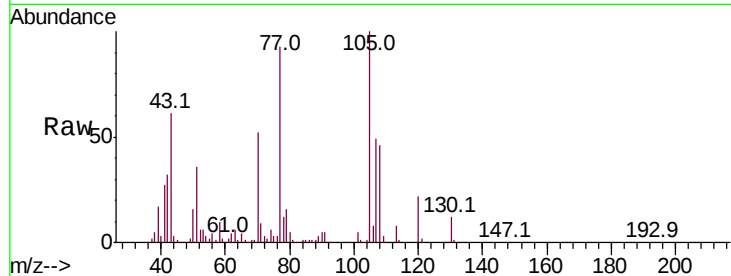
#19
n-Nitroso-di-n-propylamine
Concen: 42.108 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	47.4	71.2
101	10.4	7.3	10.9
130	23.0	16.2	24.2

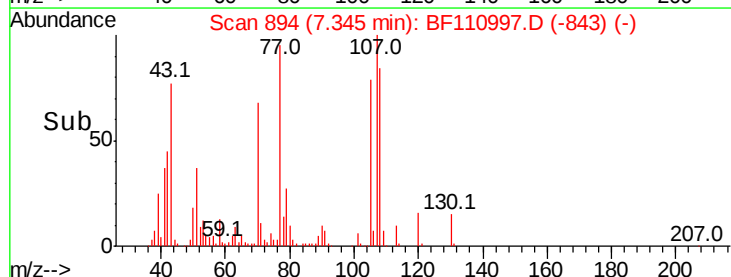
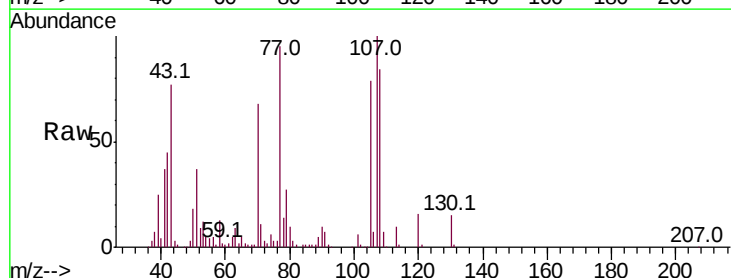
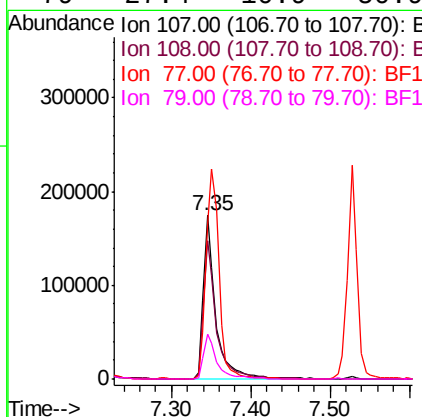
Manual Integrations
APPROVED

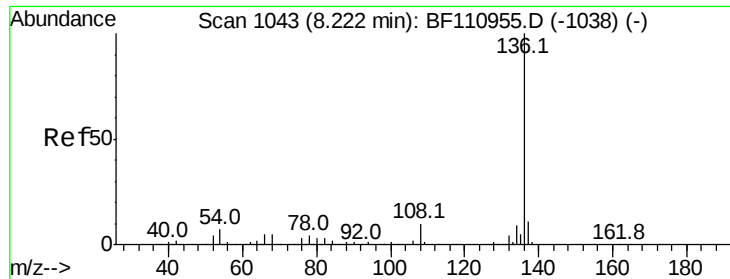
mohammad
11/28/2018 4:41:47 PM



#20
3+4-Methylphenols
Concen: 41.793 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	71.4	111.4
77	94.9	47.3	87.3#
79	27.4	10.9	50.9





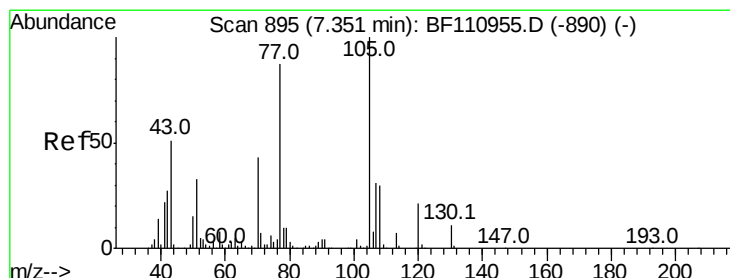
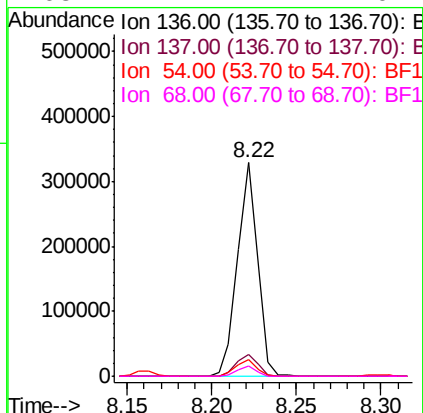
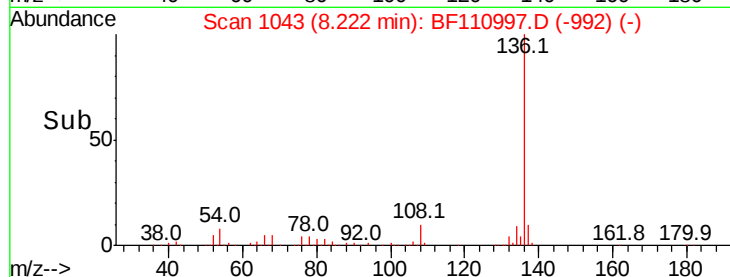
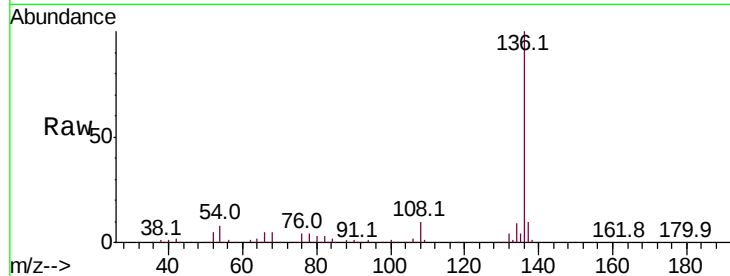
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	272706		
137	10.4		8.8	13.2
54	7.7		5.4	8.2
68	4.7		4.2	6.2

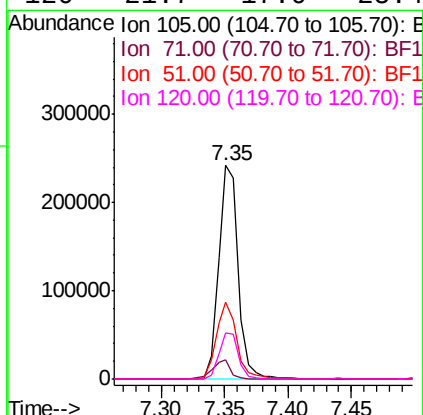
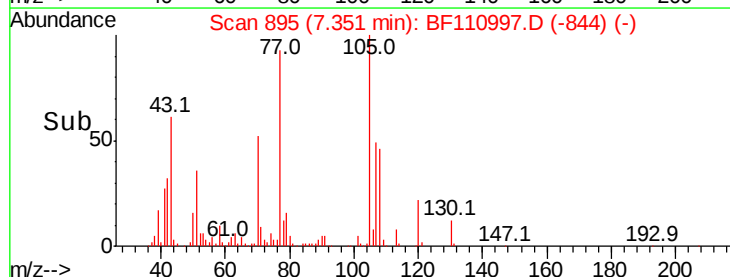
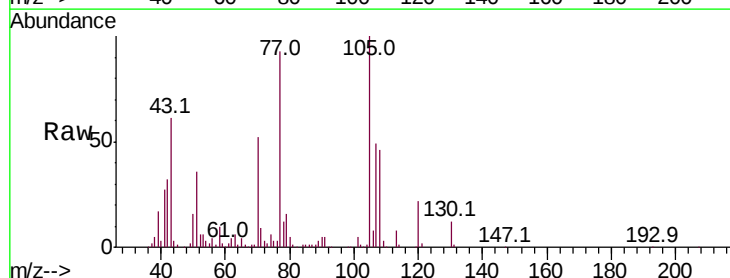
Manual Integrations
APPROVED

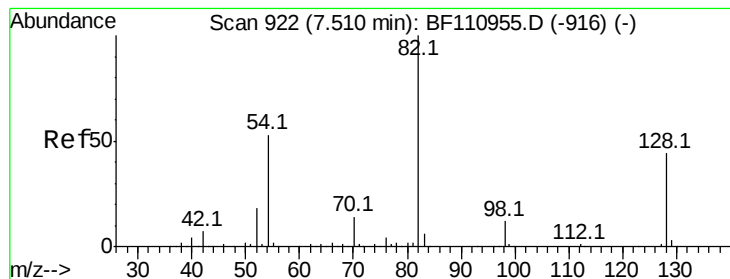
mohammad
11/28/2018 4:41:47 PM



#22
Acetophenone
Concen: 40.617 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259631		
71	8.7		5.2	7.8#
51	35.9		21.8	32.8#
120	21.7		17.0	25.4





#23

Nitrobenzene-d5

Concen: 81.003 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 385980

Ion Ratio Lower Upper

82 100

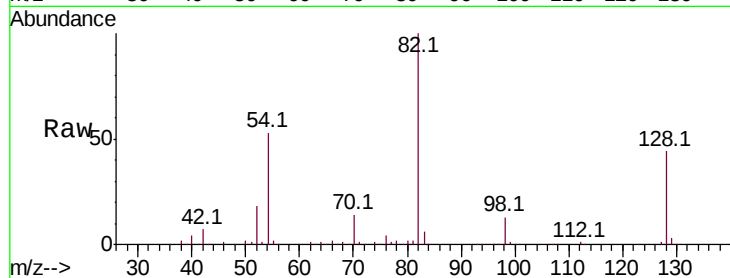
128 44.1 34.2 51.2

54 53.2 38.6 58.0

Manual Integrations
APPROVED

mohammad

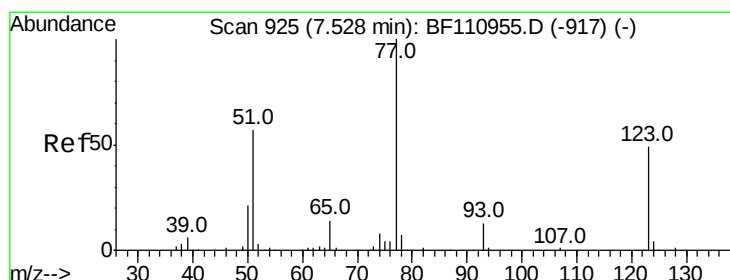
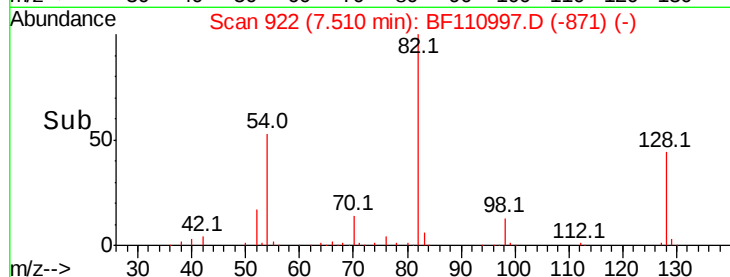
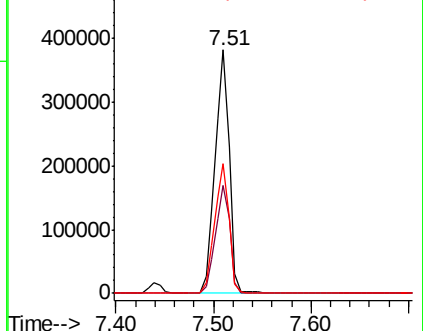
11/28/2018 4:41:47 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.884 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

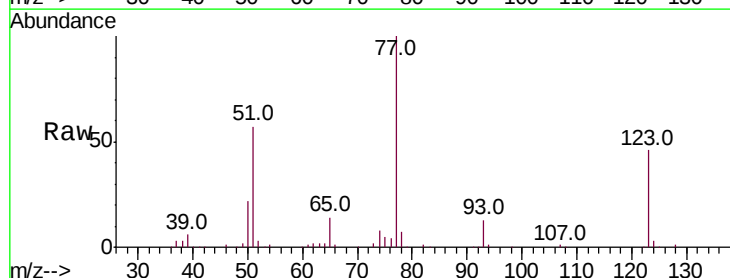
Tgt Ion: 77 Resp: 192679

Ion Ratio Lower Upper

77 100

123 46.5 35.7 53.5

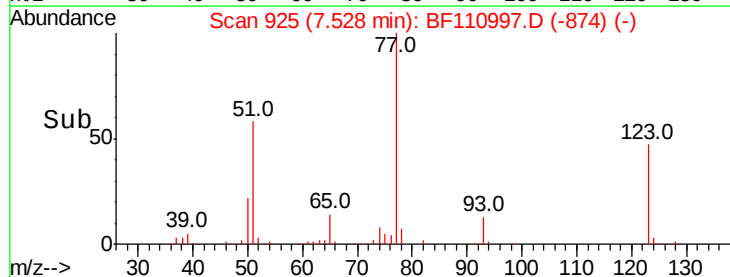
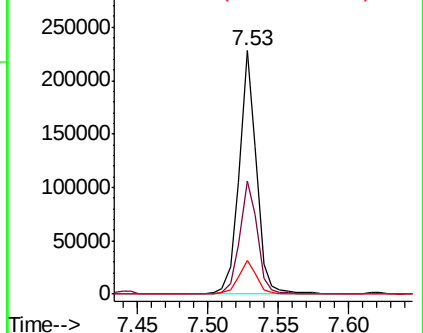
65 14.0 10.7 16.1

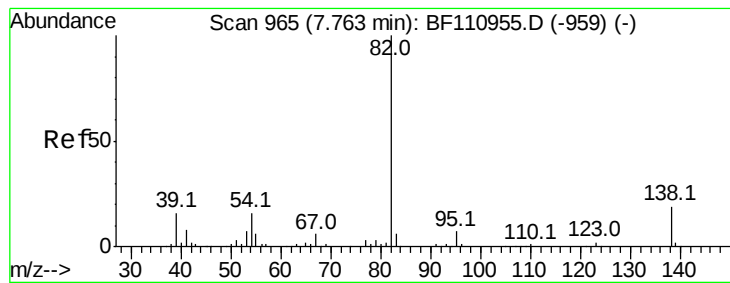


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.597 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 317321

Ion Ratio Lower Upper

82 100

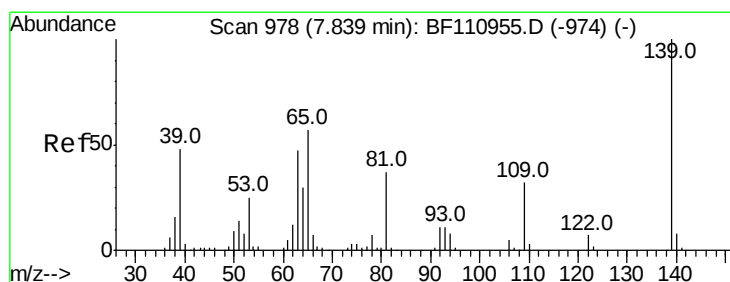
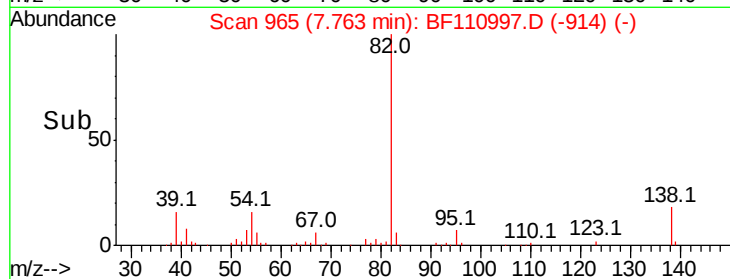
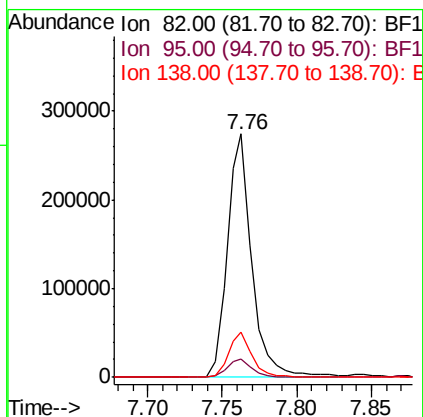
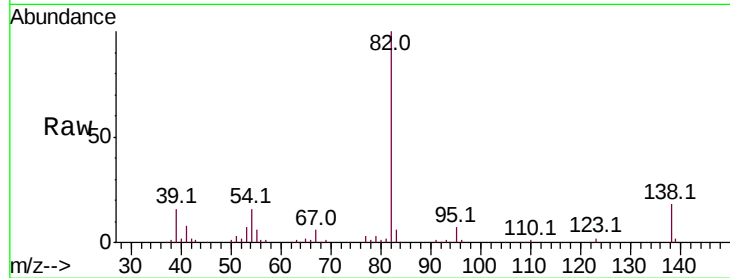
95 7.4 5.7 8.5

138 18.4 13.2 19.8

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#26

2-Nitrophenol

Concen: 42.327 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

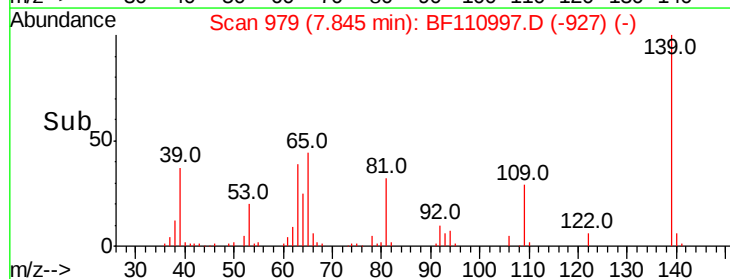
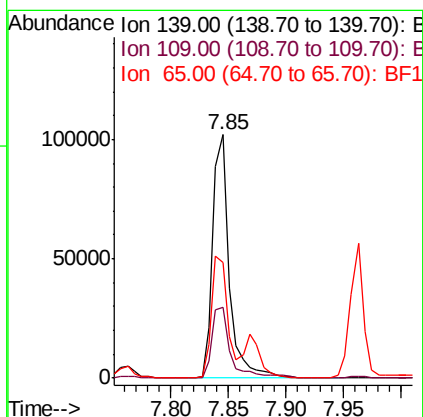
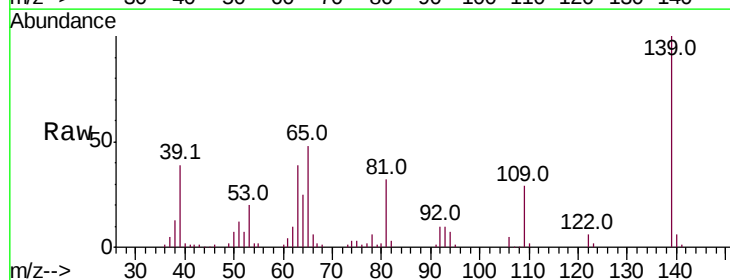
Tgt Ion: 139 Resp: 101899

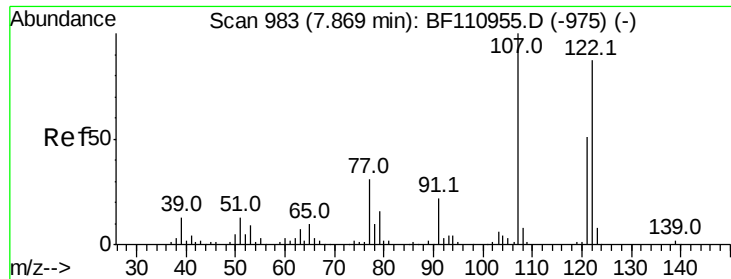
Ion Ratio Lower Upper

139 100

109 29.3 25.0 37.6

65 47.7 44.0 66.0





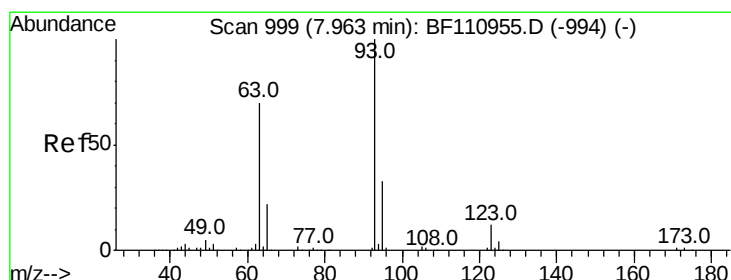
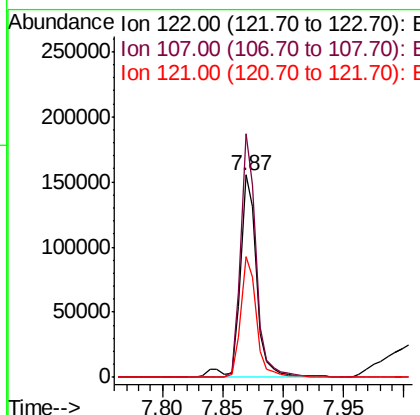
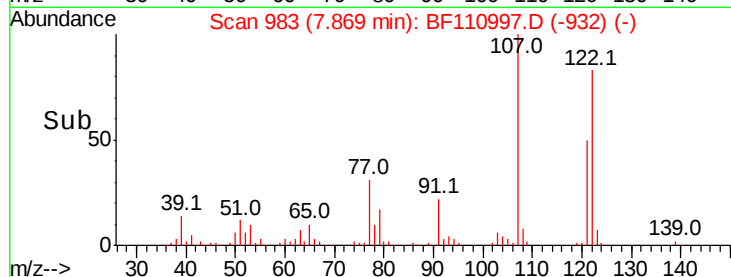
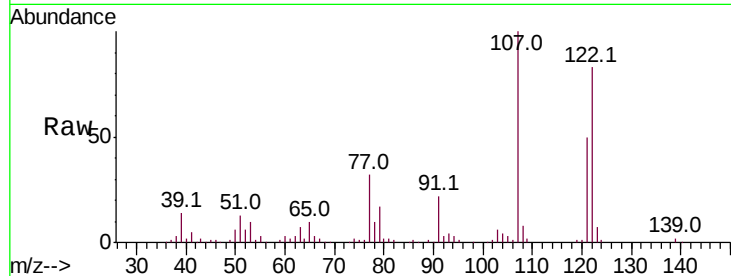
#27
2,4-Dimethylphenol
Concen: 41.190 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	92.5	138.7
121	60.0	45.8	68.8

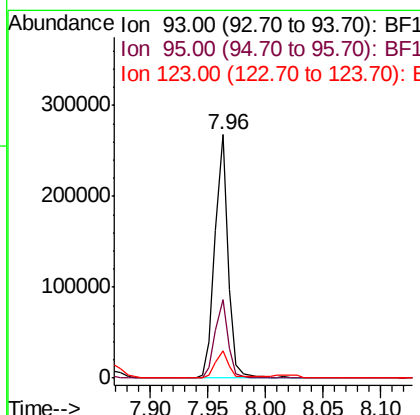
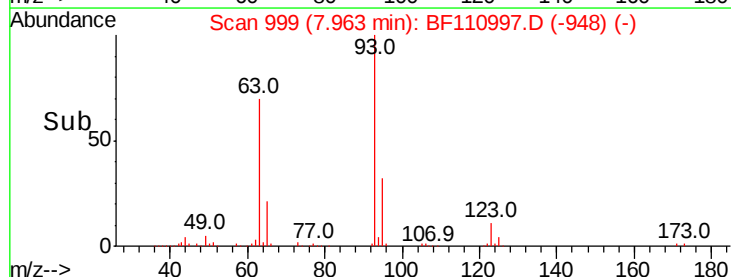
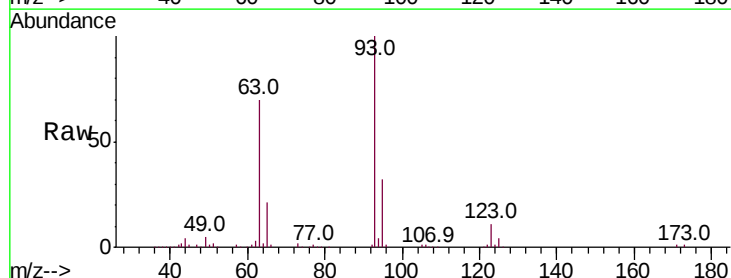
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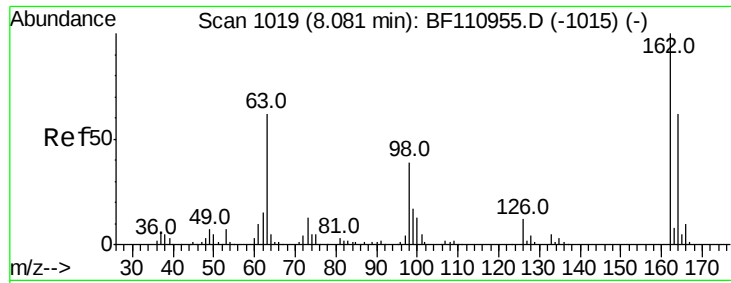
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.682 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.3	9.0	13.6





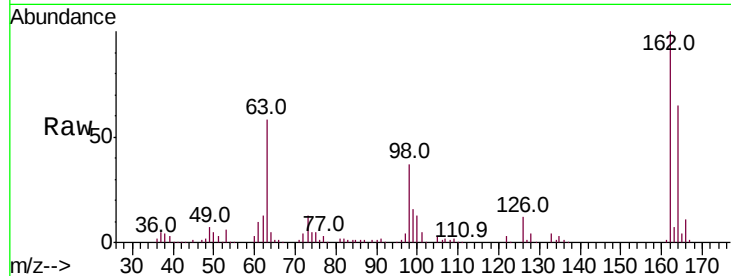
#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	44.6	84.6
98	37.1	17.4	57.4

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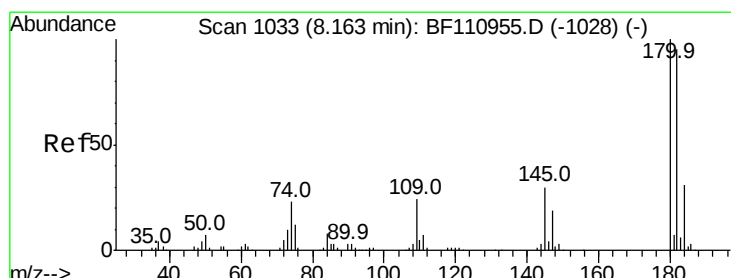
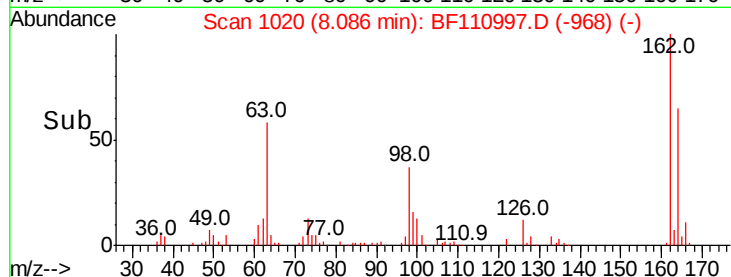
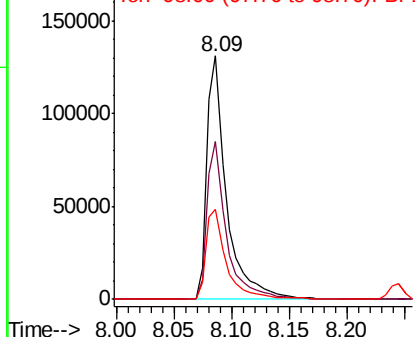


Abundance

Ion 162.00 (161.70 to 162.70): E

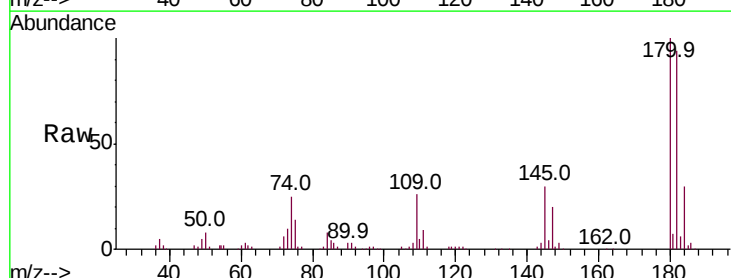
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.123 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	80.3	120.5
145	30.4	25.4	38.0

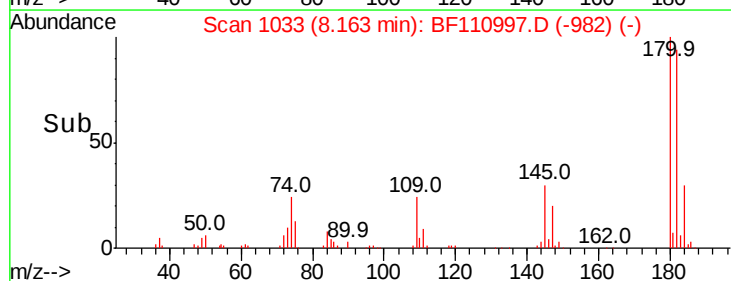
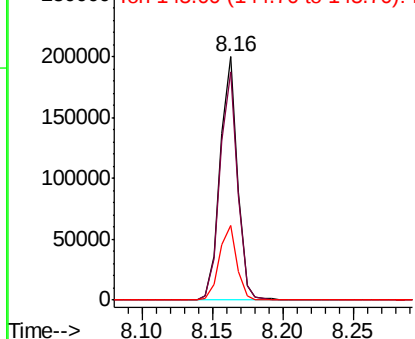


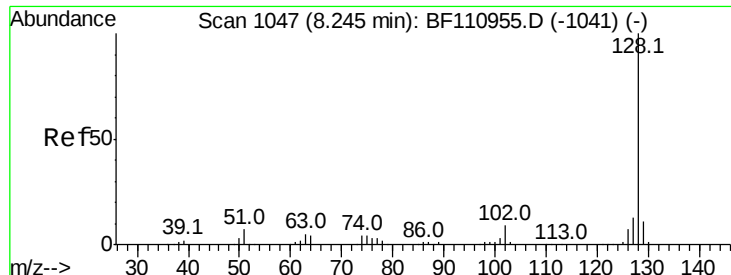
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





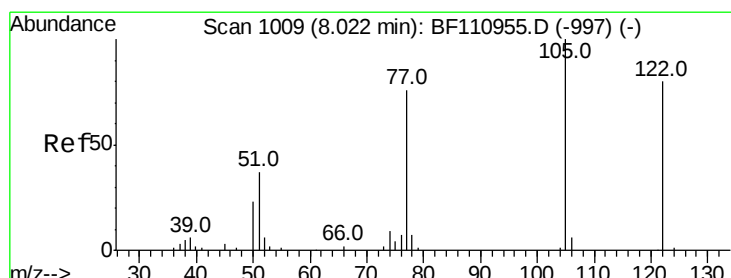
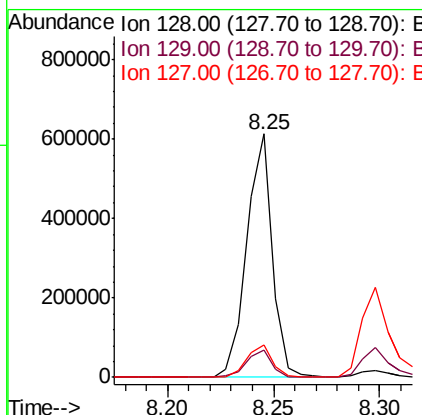
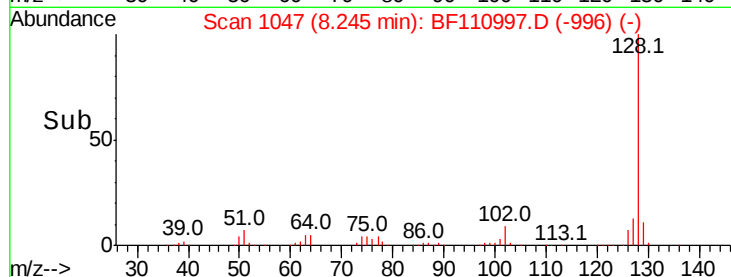
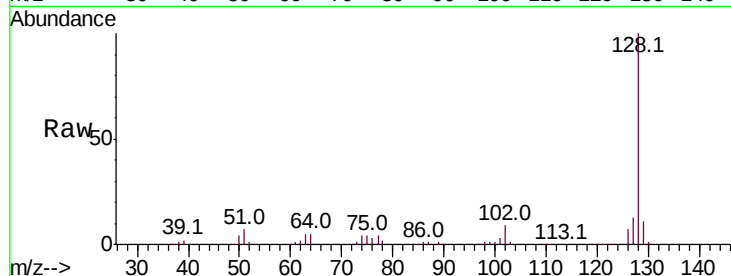
#31
Naphthalene
Concen: 40.273 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.8	16.2

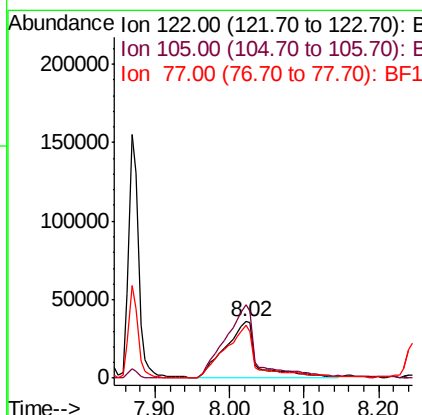
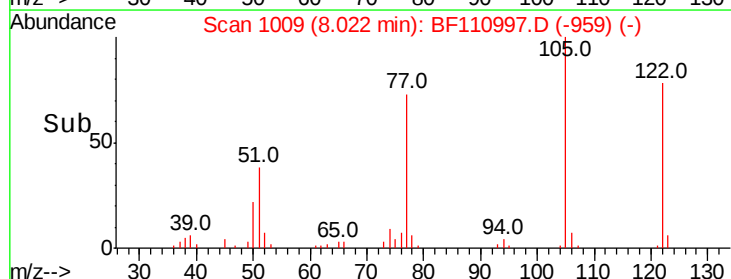
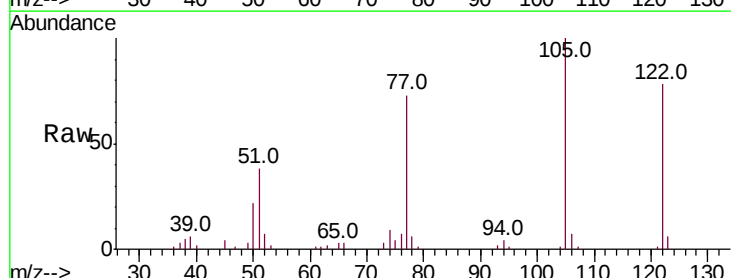
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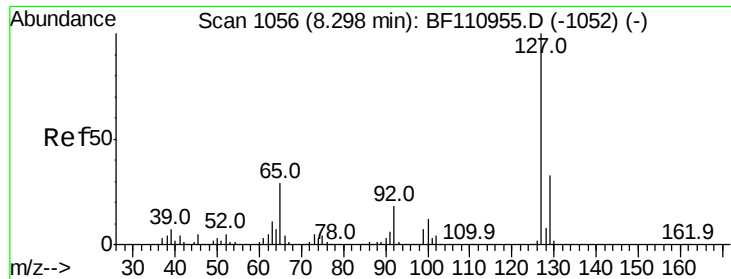
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#32
Benzoic acid
Concen: 38.996 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	109.0	149.0
77	94.2	79.0	119.0





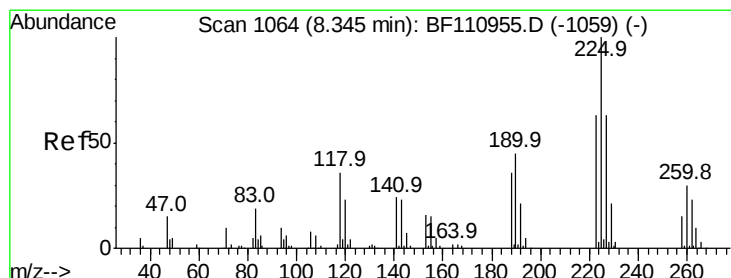
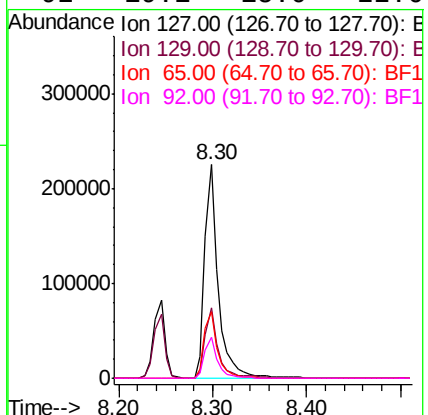
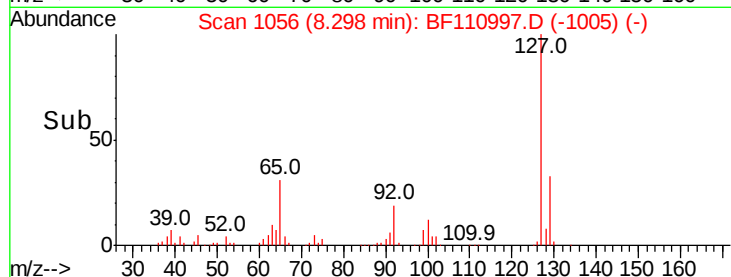
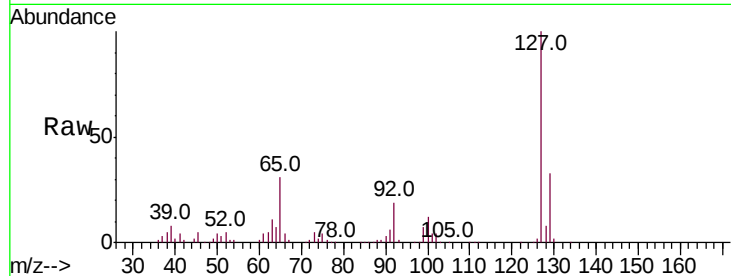
#33
4-Chloroaniline
Concen: 41.918 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.3	25.1	37.7
92	19.1	15.0	22.6

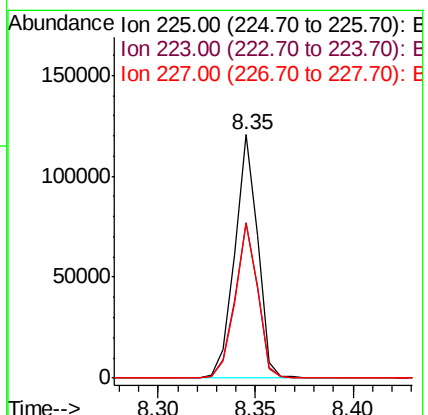
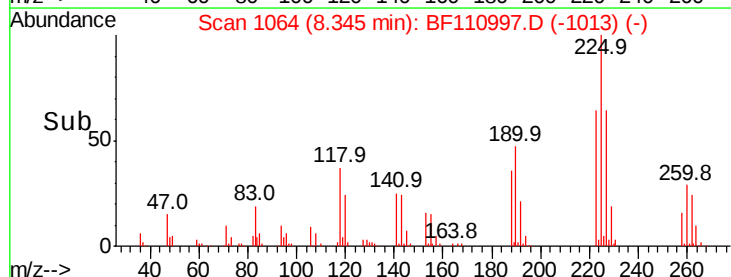
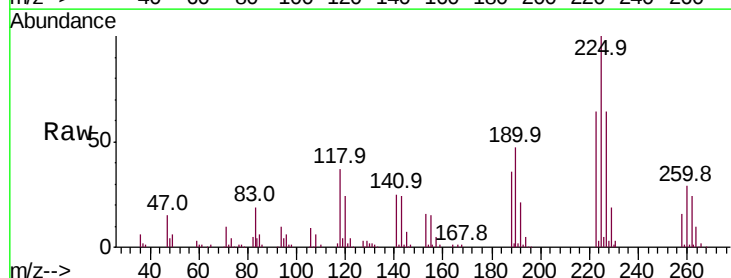
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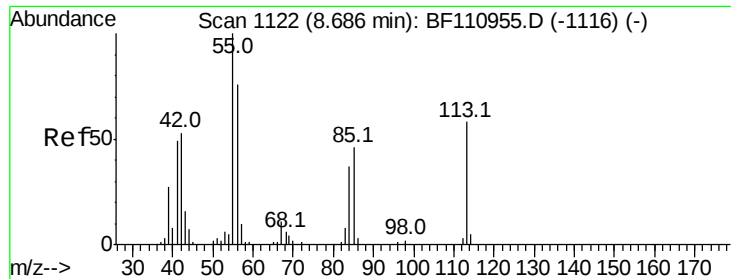
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#34
Hexachlorobutadiene
Concen: 40.354 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	63.7	51.0	76.6





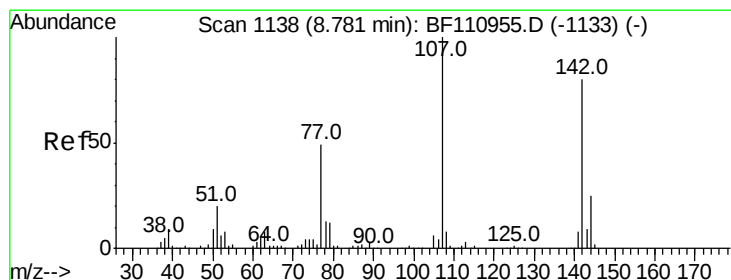
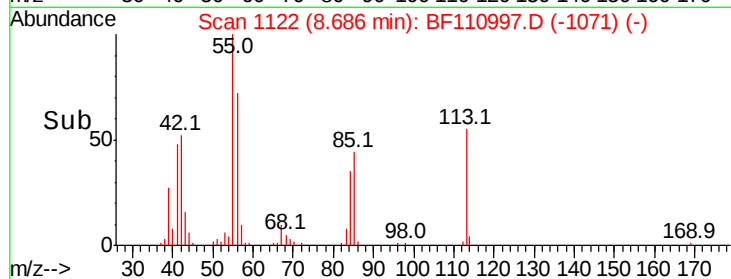
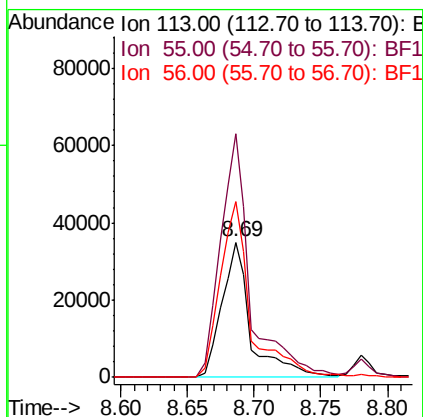
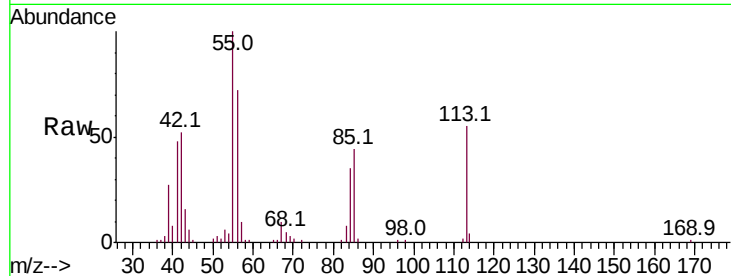
#35
 Caprolactam
 Concen: 41.330 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.3	142.8	182.8
56	130.1	105.0	145.0

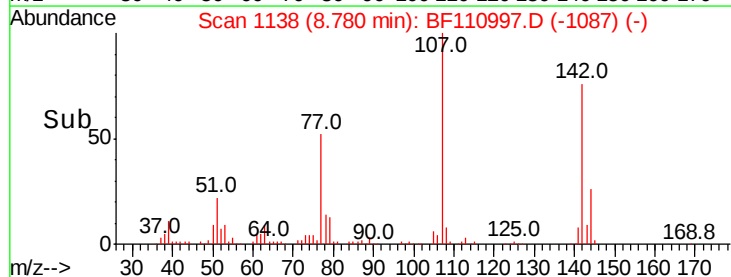
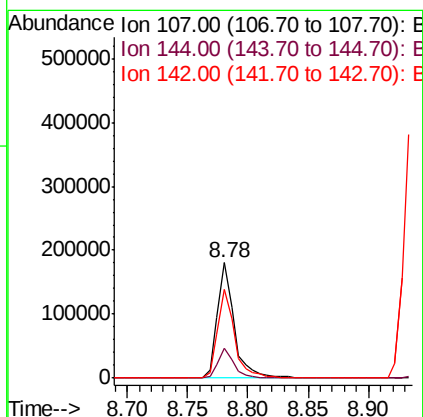
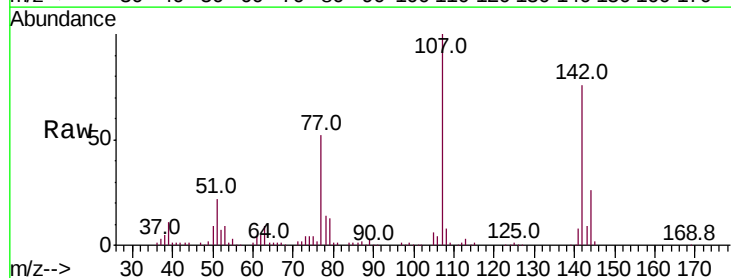
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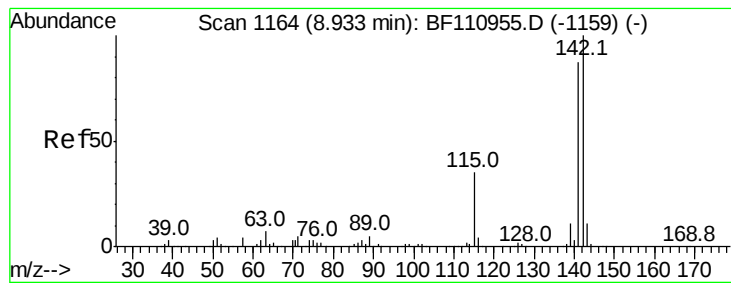
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#36
 4-Chloro-3-methylphenol
 Concen: 40.934 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.0	30.0
142	76.3	59.7	89.5





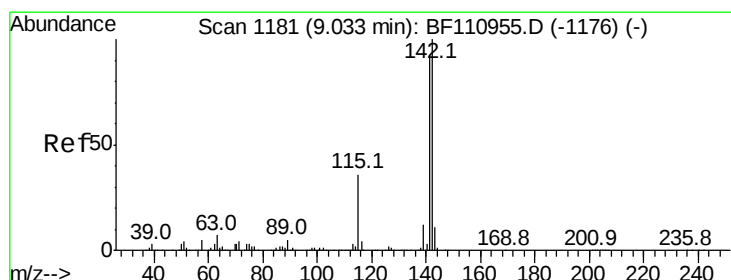
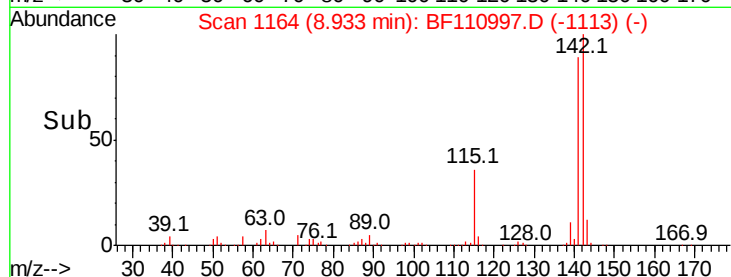
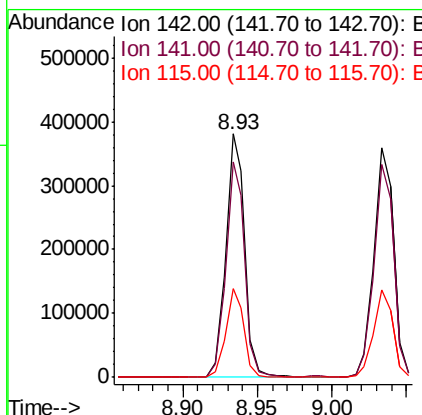
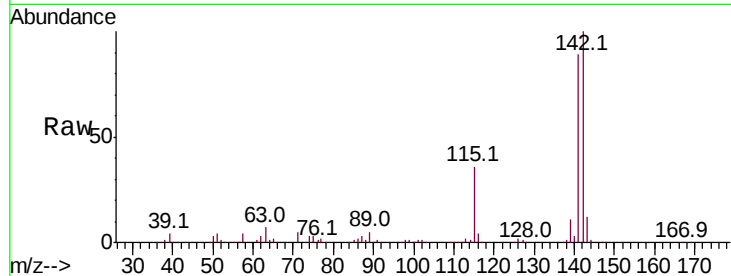
#37
2-Methylnaphthalene
Concen: 40.432 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	36.3	28.7	43.1

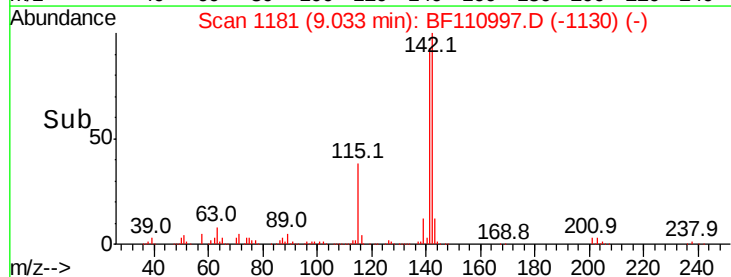
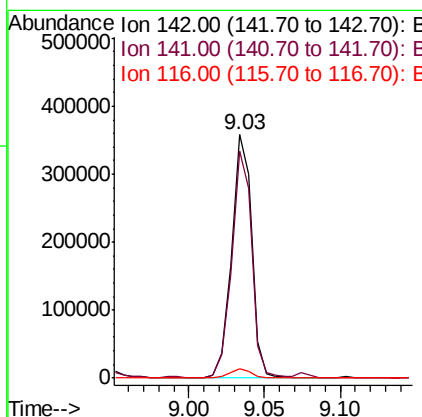
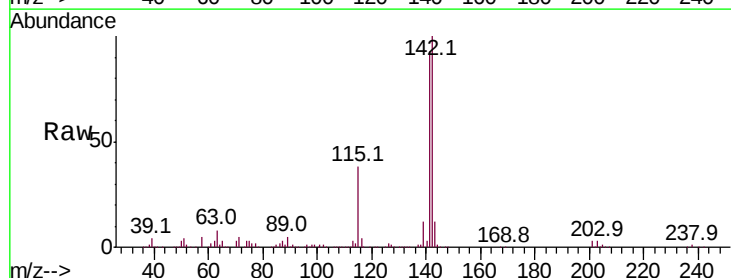
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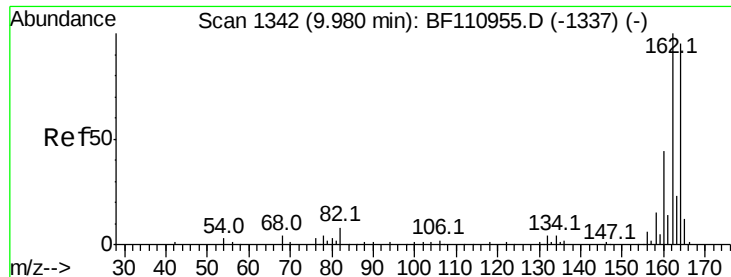
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#38
1-Methylnaphthalene
Concen: 40.260 ng m
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	4.0	2.6	4.0#





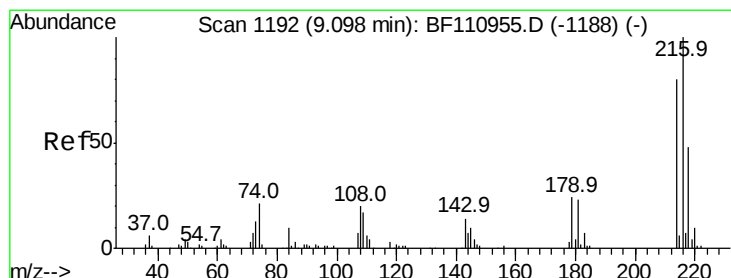
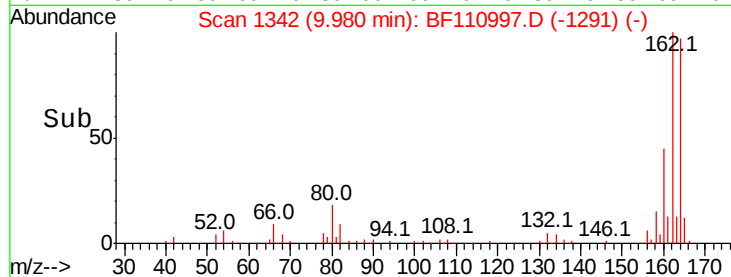
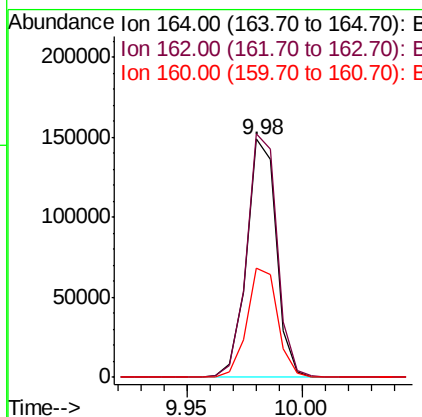
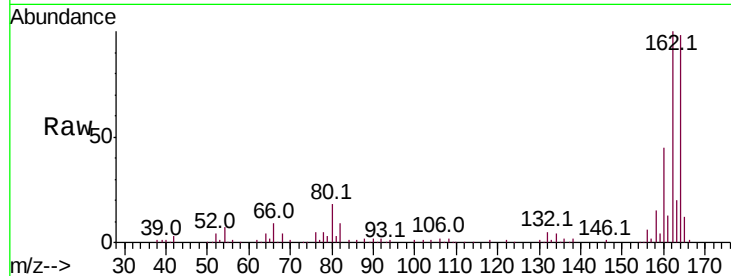
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	45.9	37.0	55.6

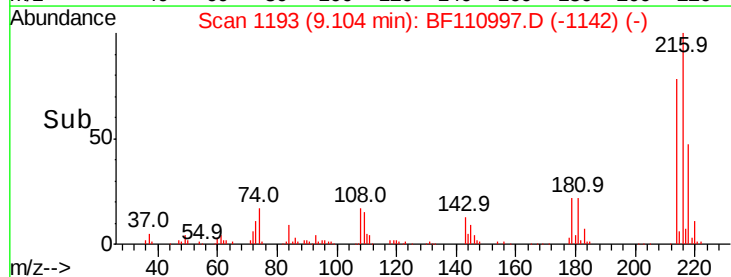
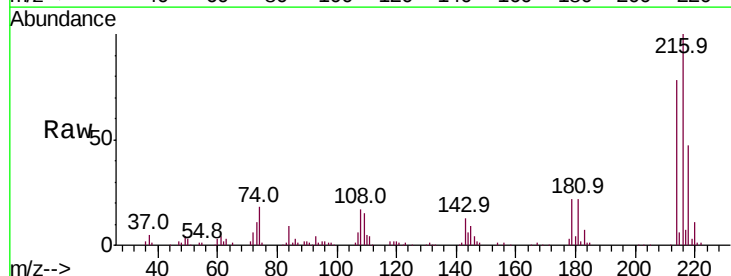
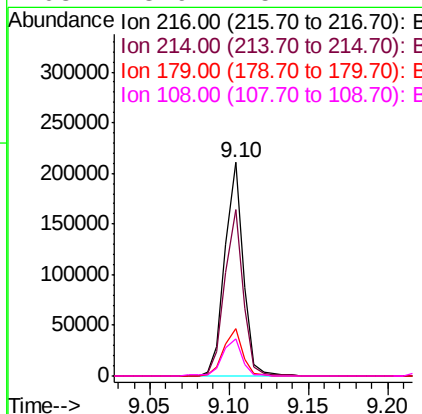
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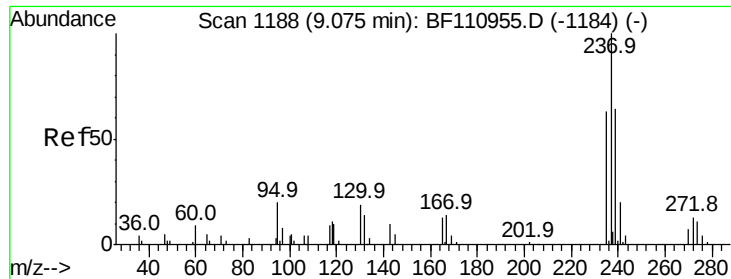
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.462 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.6
179	22.6	16.6	25.0
108	18.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 57.286 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

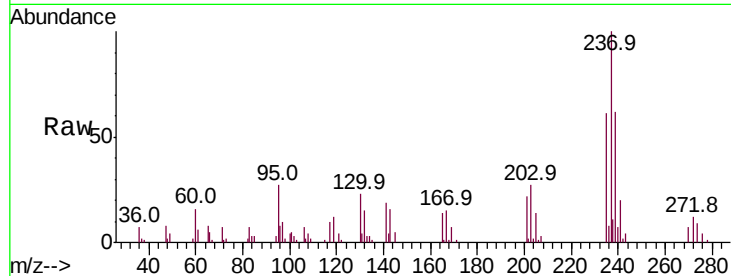
ClientSampleId :

SSTDCCC040

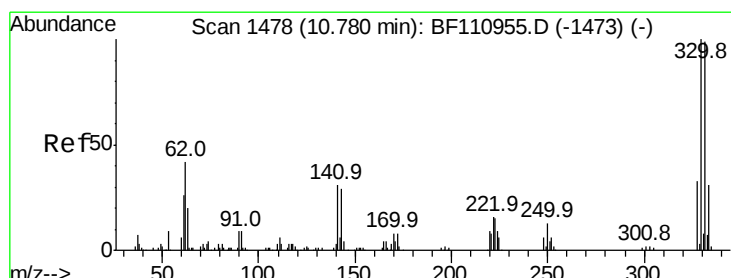
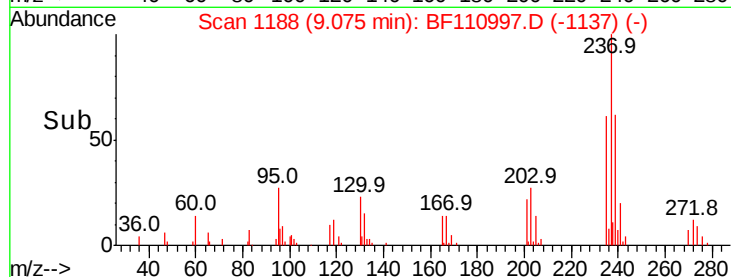
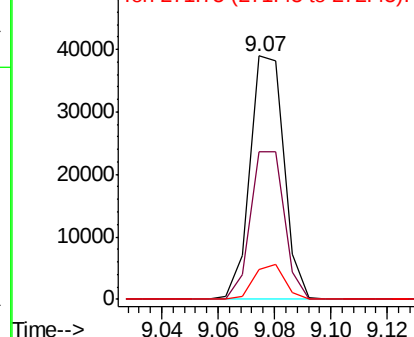
Tot Ion:	237	Resp:	32579
Ion Ratio	Lower	Upper	
237	100		
235	60.9	43.1	83.1
272	12.1	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 81.577 ng

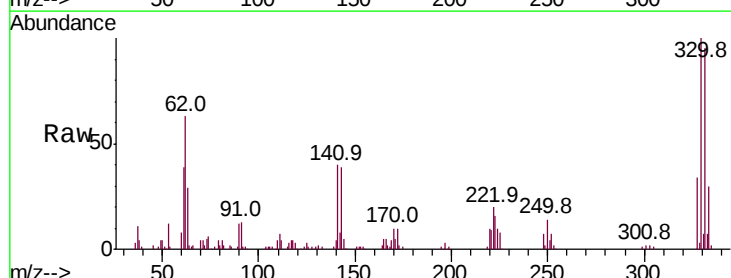
RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

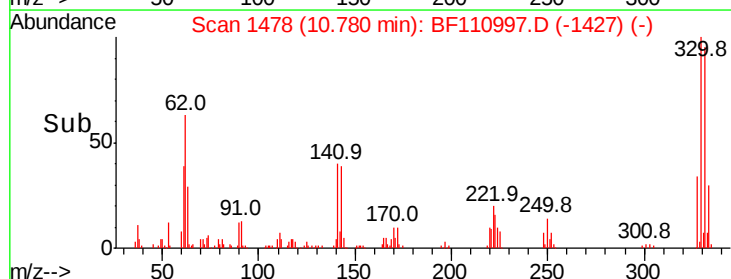
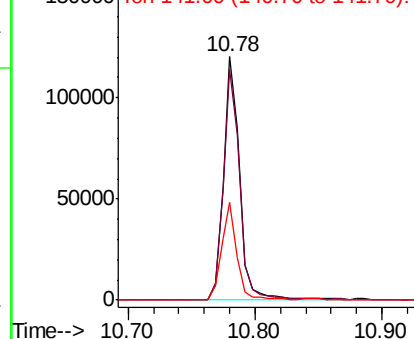
Lab File: BF110997.D

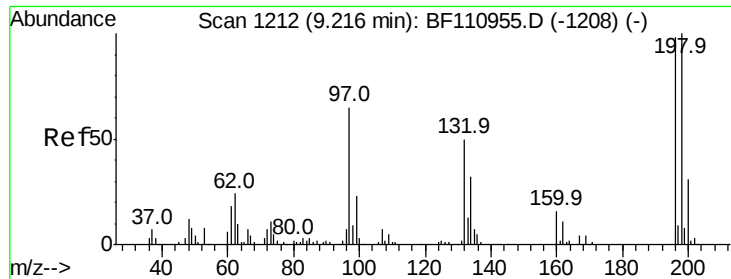
Acq: 27 Nov 2018 9:28

Tgt Ion:	330	Resp:	108488
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.1	115.7
141	38.2	27.0	40.4



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





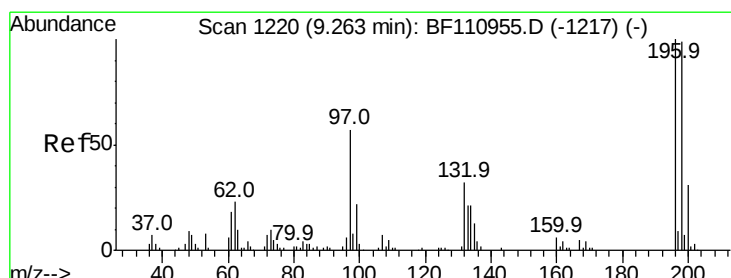
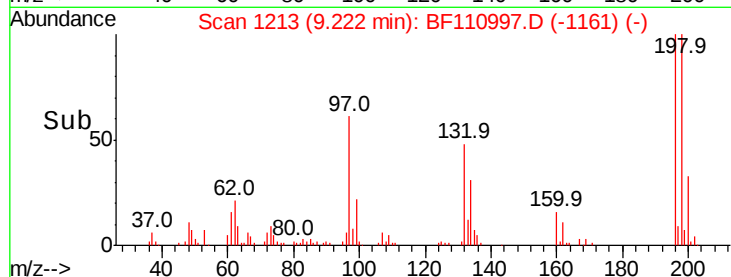
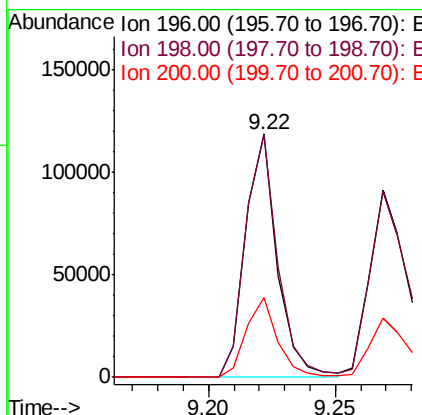
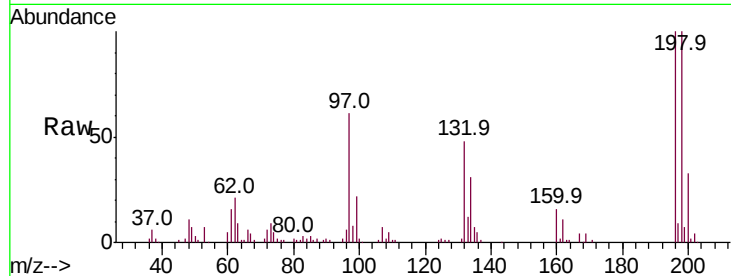
#43
 2,4,6-Trichlorophenol
 Concen: 41.221 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.7	76.2	114.4	
200	32.9	24.4	36.6	

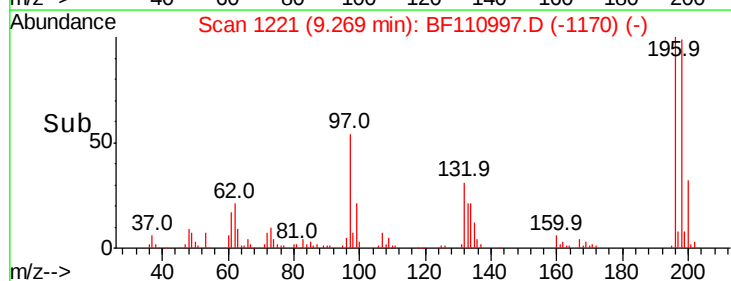
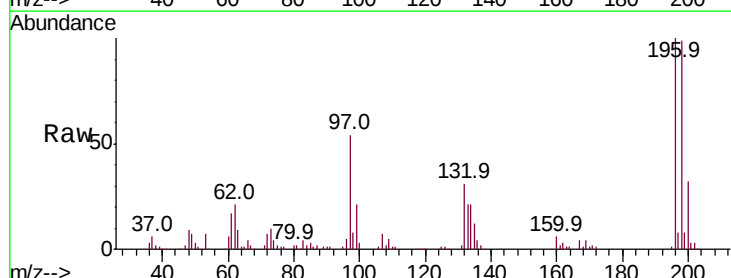
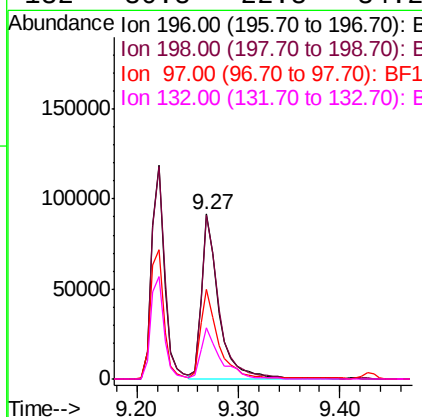
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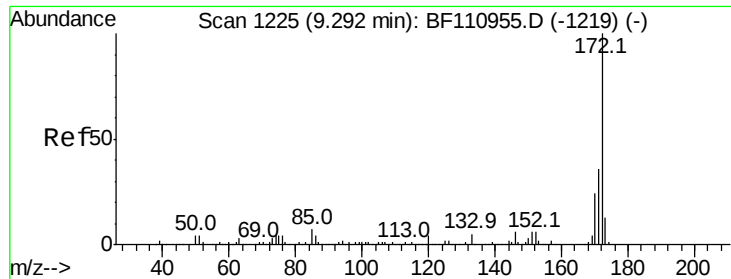
mohammad
 11/28/2018 4:41:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.786 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.1	75.8	113.6	
97	54.4	42.4	63.6	
132	30.8	22.8	34.2	





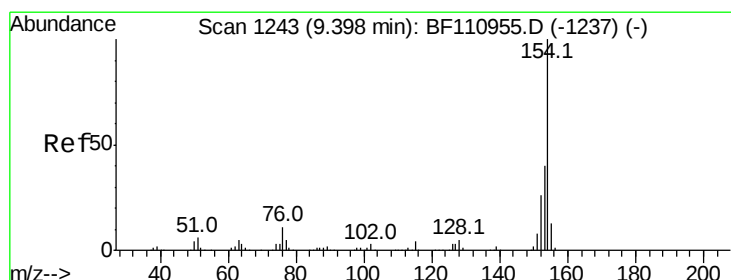
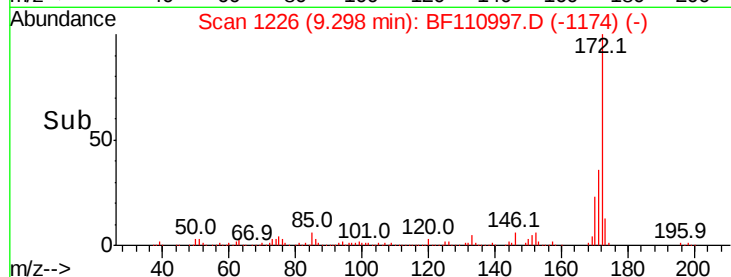
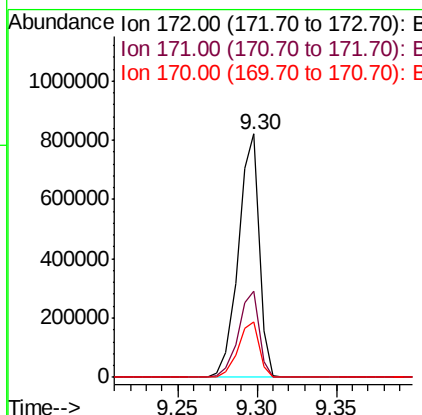
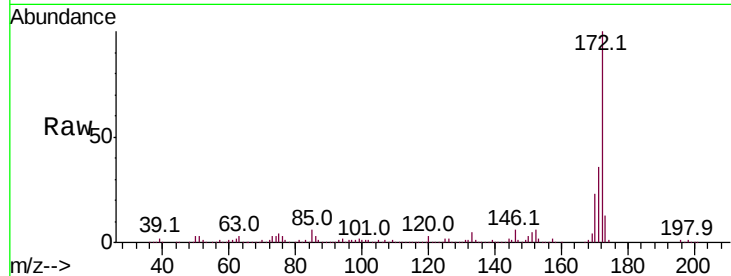
#45
2-Fluorobiphenyl
Concen: 80.498 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	28.6	43.0	
170	23.0	19.7	29.5	

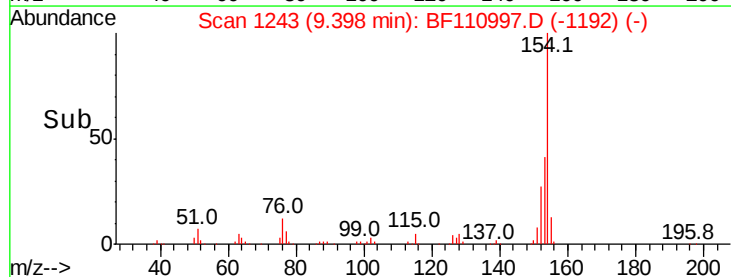
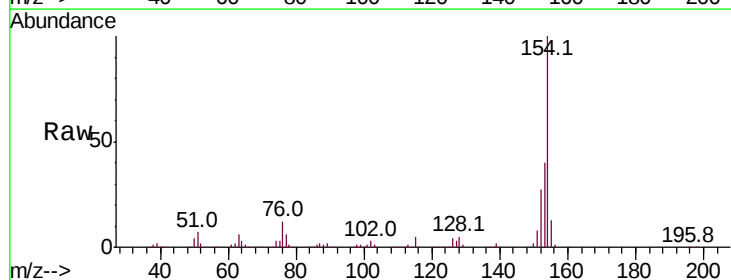
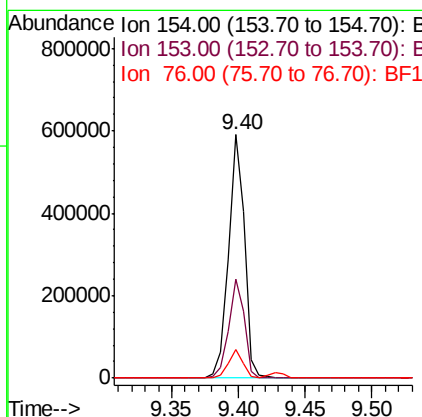
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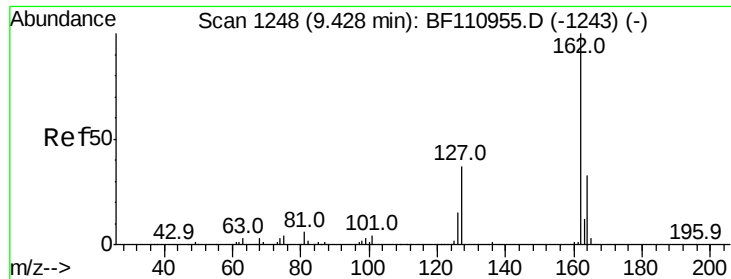
mohammad
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#46
1,1'-Biphenyl
Concen: 40.509 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.4	60.4	
76	11.6	0.0	31.9	





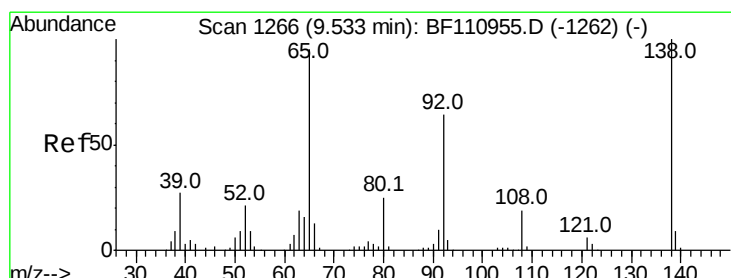
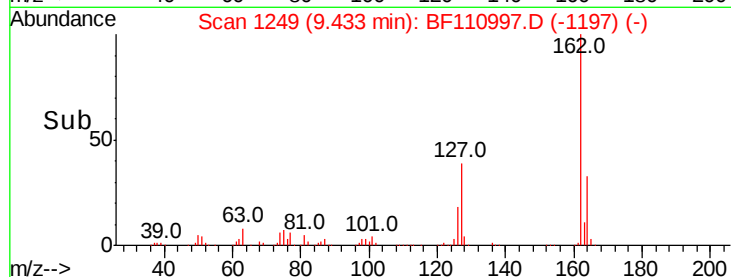
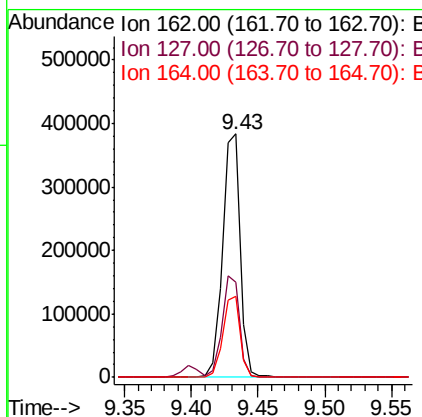
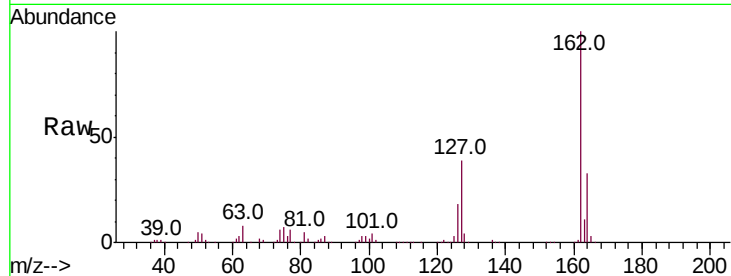
#47
2-Chloronaphthalene
Concen: 40.152 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.0	32.6	48.8	
164	33.4	25.9	38.9	

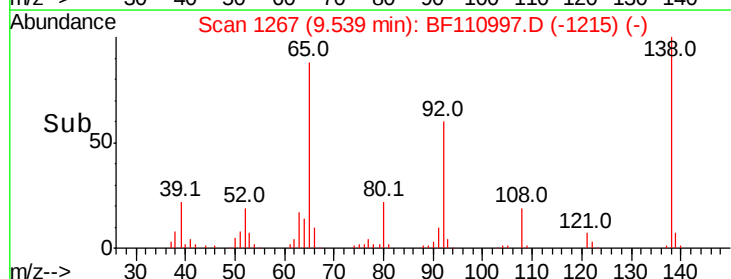
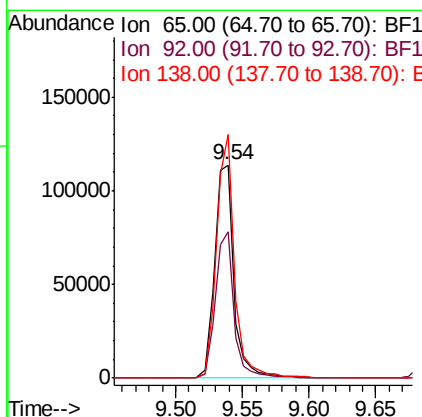
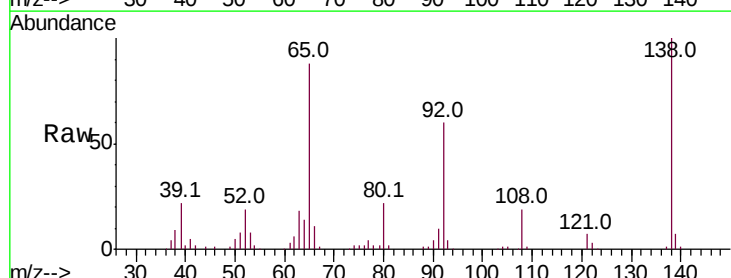
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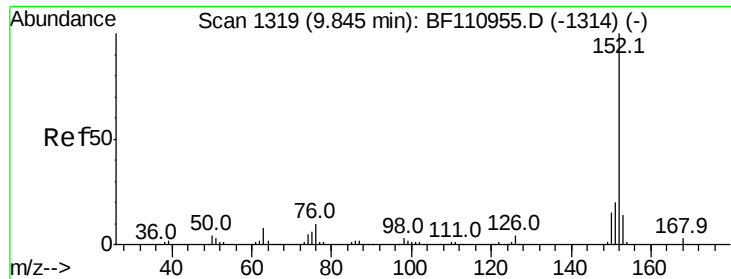
mohammad
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#48
2-Nitroaniline
Concen: 41.599 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.3	54.6	81.8	
138	114.1	80.3	120.5	





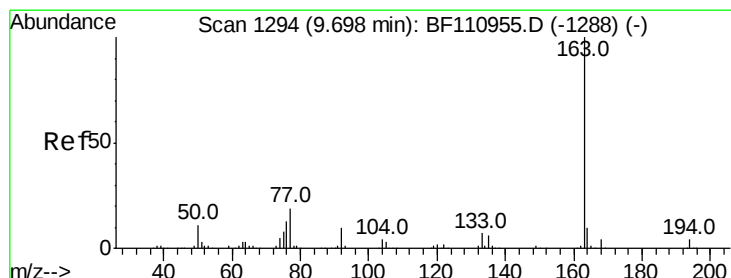
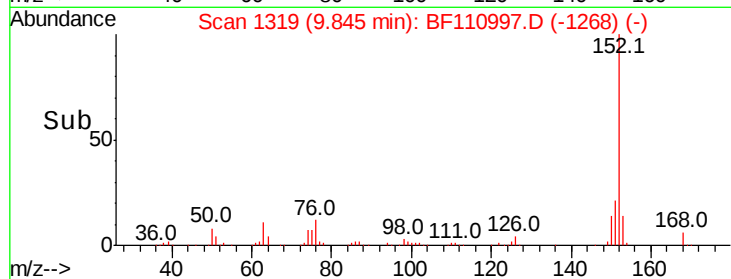
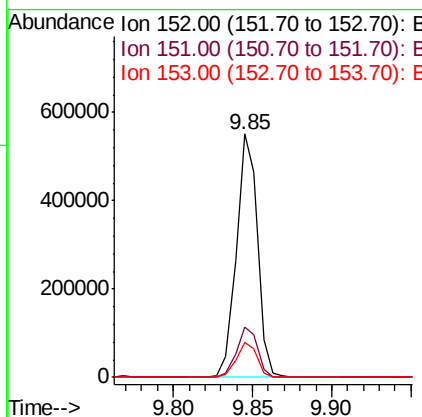
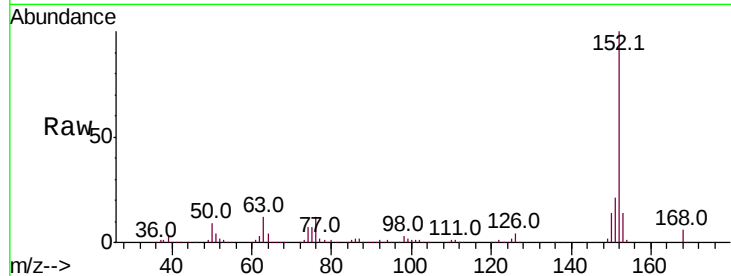
#49
Acenaphthylene
Concen: 39.946 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.9	15.8	23.8	
153	14.1	10.4	15.6	

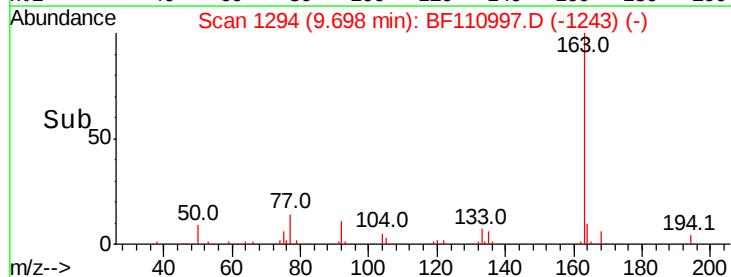
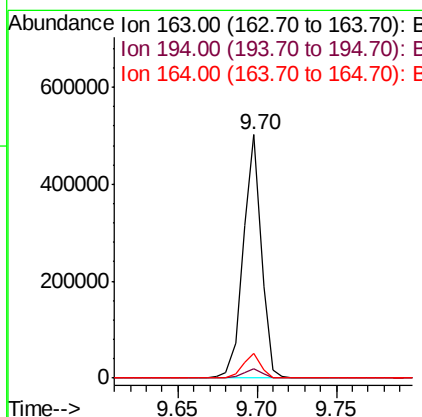
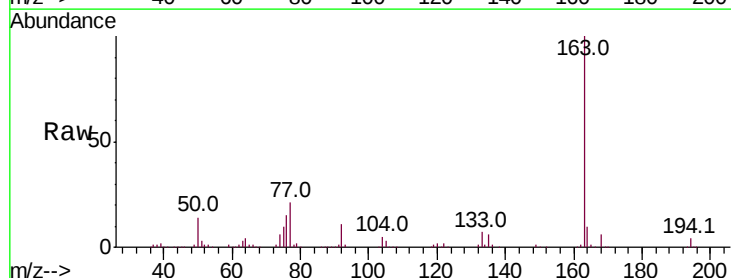
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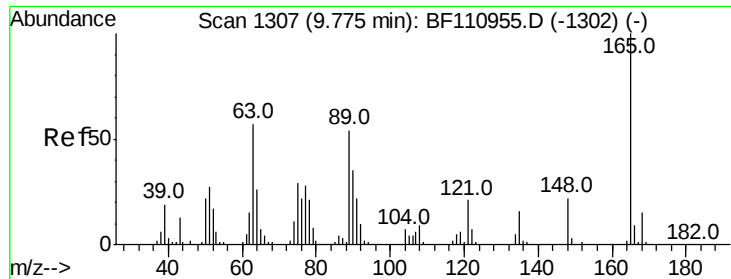
mohammad
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#50
Dimethylphthalate
Concen: 40.061 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	3.2	4.8	
164	10.1	8.1	12.1	





#51

2,6-Dinitrotoluene

Concen: 40.530 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 88612
Ion Ratio Lower Upper

165 100

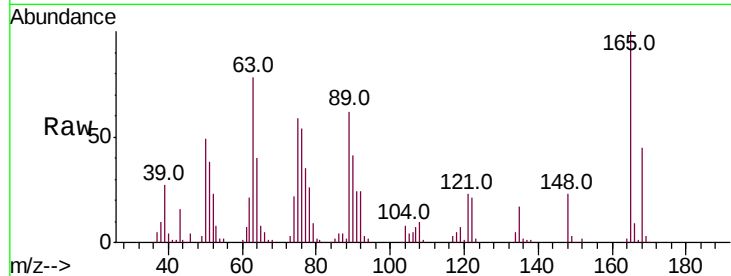
63 78.2 48.9 73.3#

89 61.7 46.6 69.8

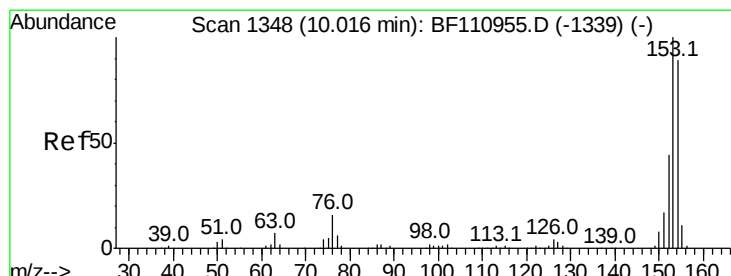
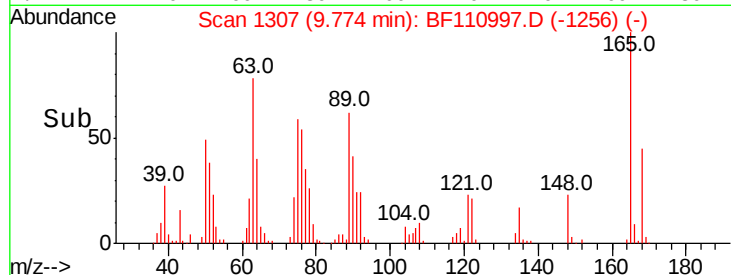
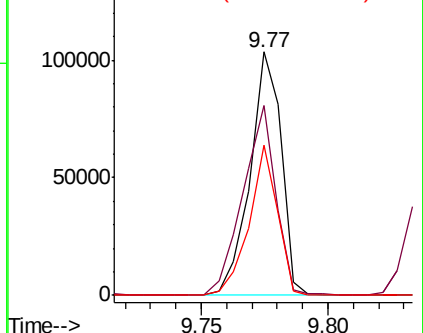
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.071 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110997.D

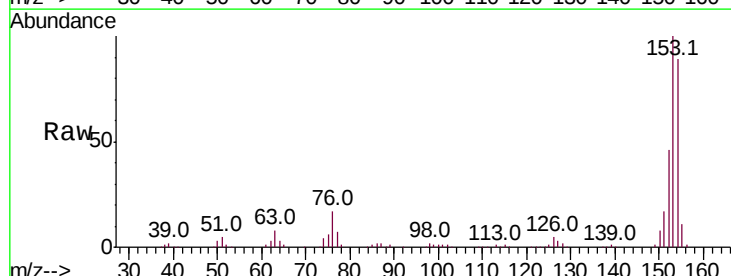
Acq: 27 Nov 2018 9:28

Tgt Ion:154 Resp: 326972
Ion Ratio Lower Upper

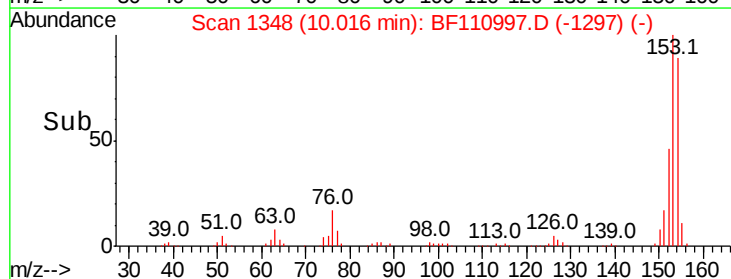
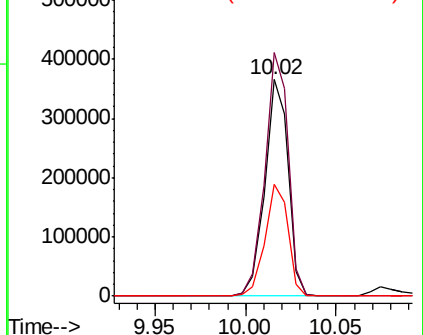
154 100

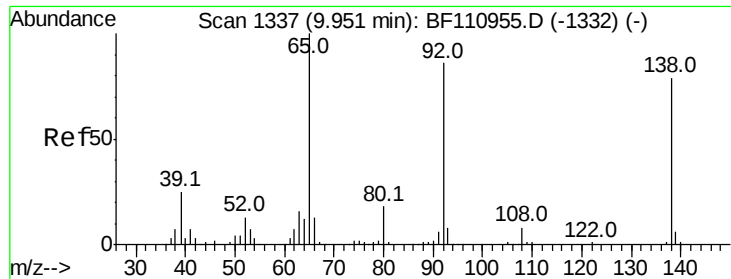
153 112.4 90.1 135.1

152 51.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





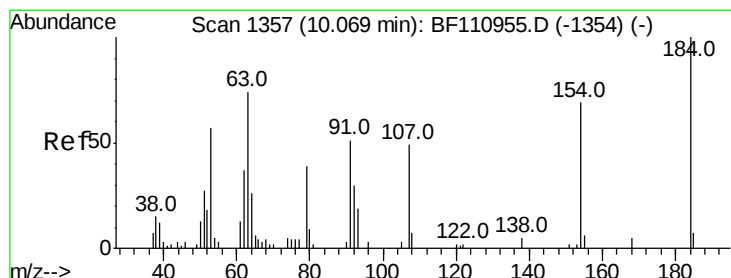
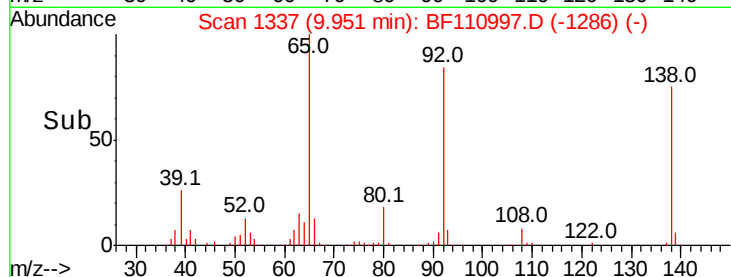
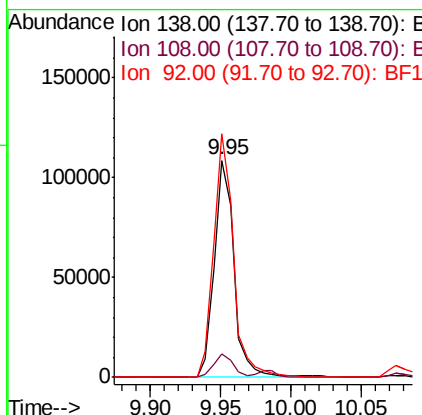
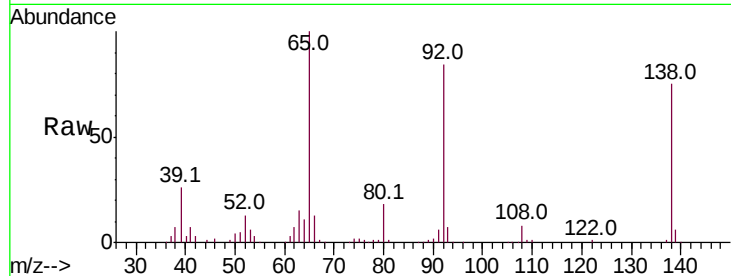
#53
3-Nitroaniline
Concen: 41.489 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	112.0	97.0	145.4

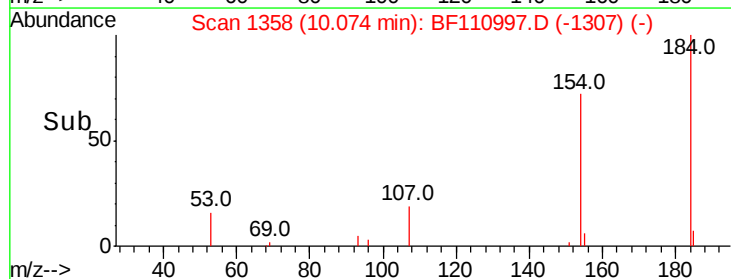
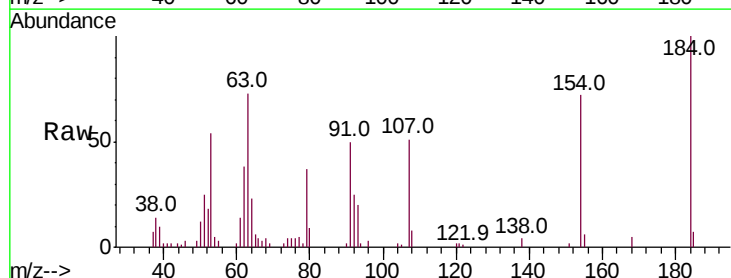
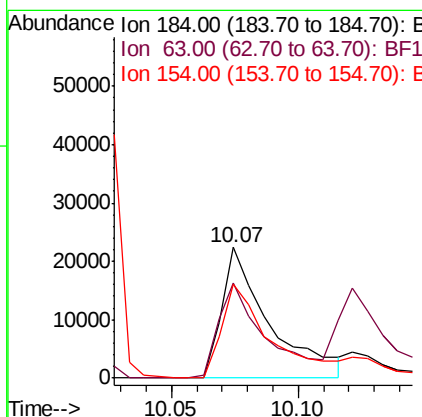
Manual Integrations
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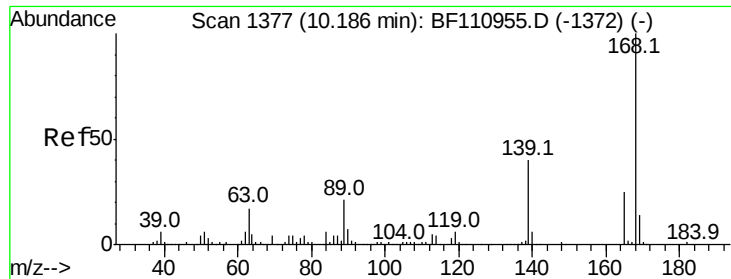
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.854 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.0	55.8	83.6
154	72.3	63.2	94.8





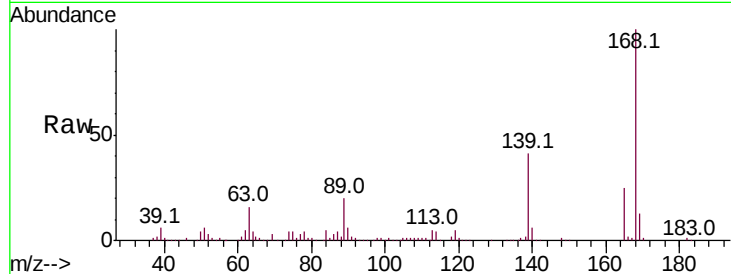
#55
Dibenzenofuran
Concen: 39.678 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	13.3	11.3	16.9

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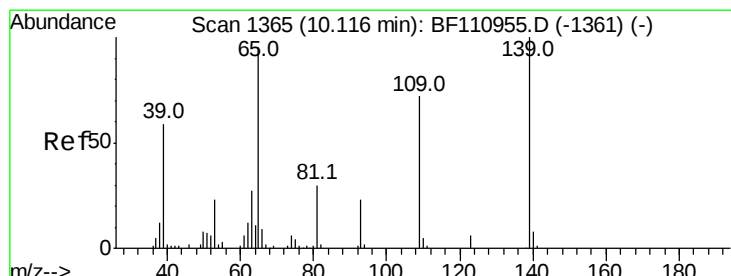
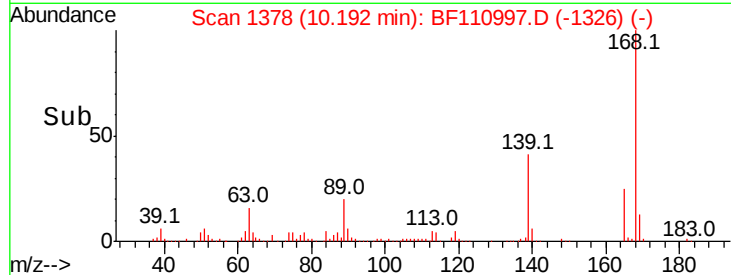
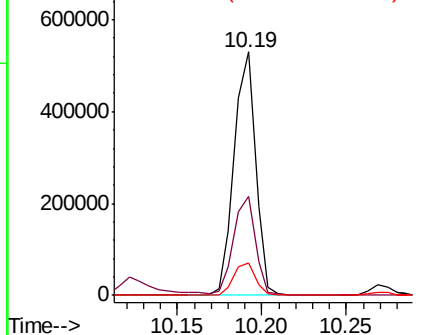


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.844 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

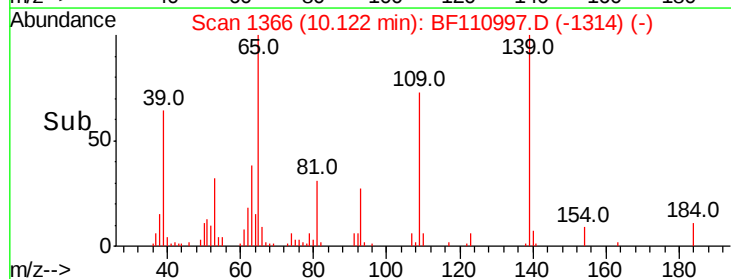
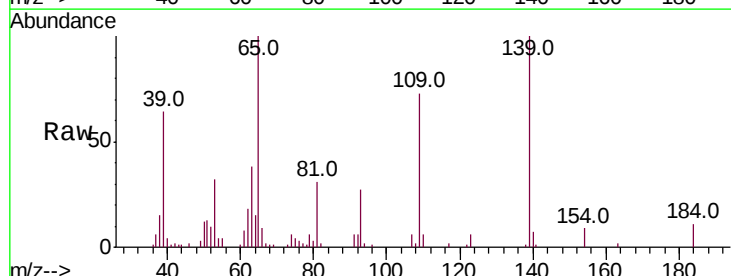
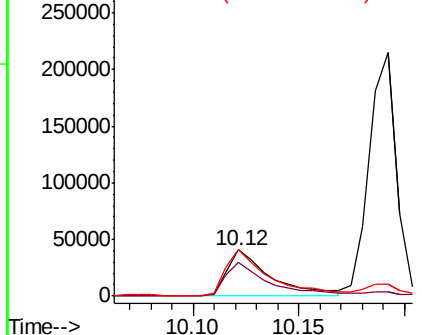
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	55.8	95.8
65	100.1	77.9	117.9

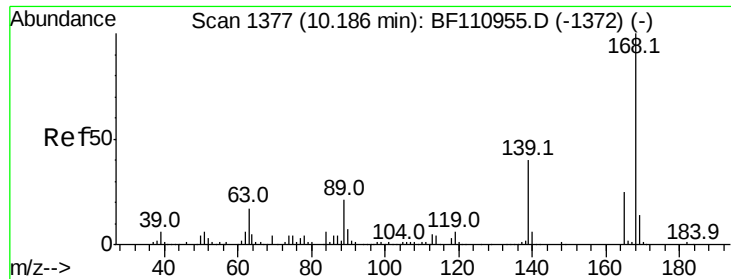
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





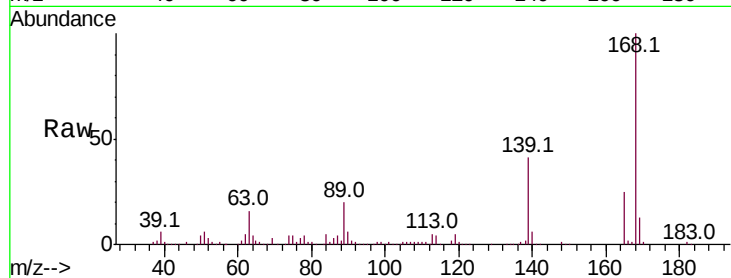
#57
 2,4-Dinitrotoluene
 Concen: 40.336 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

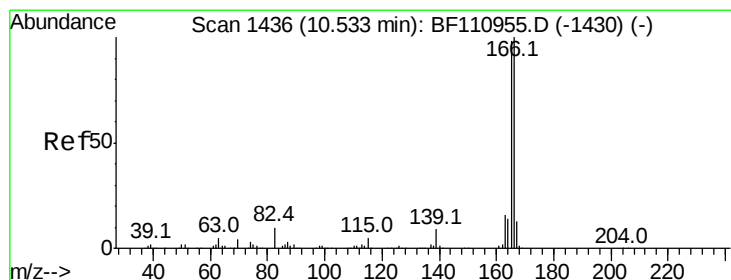
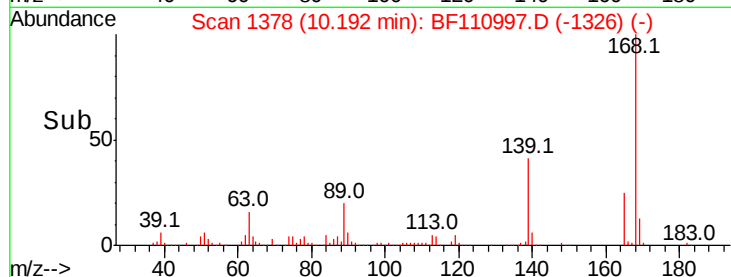
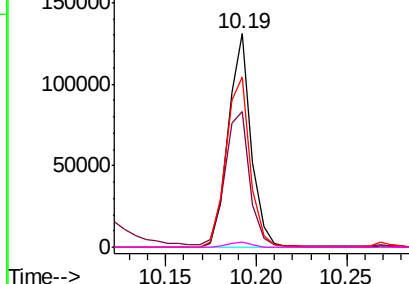
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	63.8	44.8	67.2
89	79.9	62.2	93.4
182	2.6	2.1	3.1

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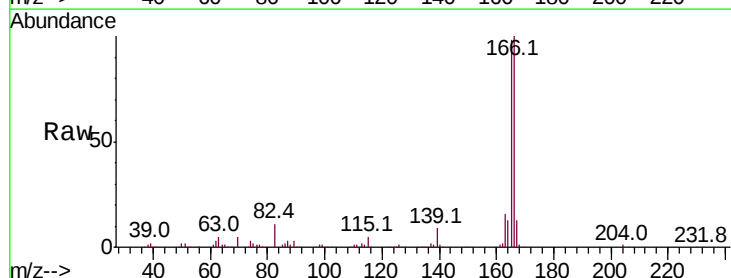


Abundance Ion 165.00 (164.70 to 165.70): E
 200000 Ion 63.00 (62.70 to 63.70): BF1
 150000 Ion 89.00 (88.70 to 89.70): BF1
 100000 Ion 182.00 (181.70 to 182.70): E
 50000
 0

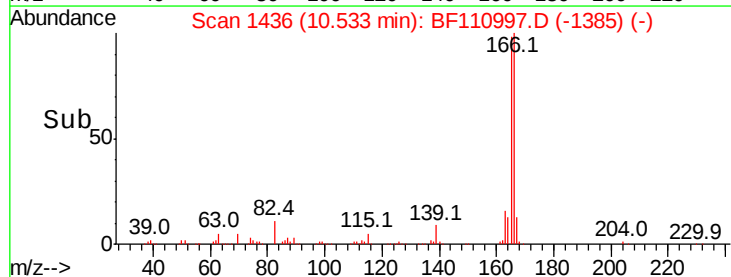
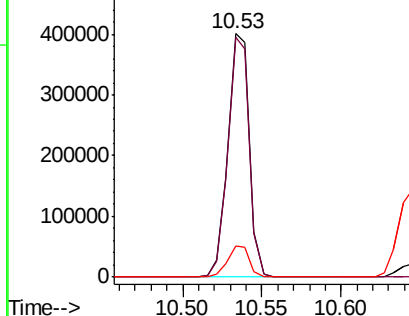


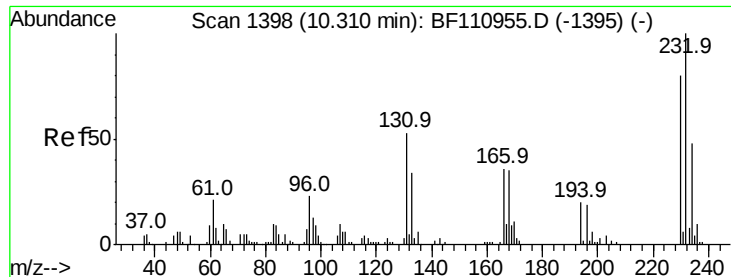
#58
 Fluorene
 Concen: 40.490 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.4	78.6	117.8
167	12.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 500000 Ion 165.00 (164.70 to 165.70): E
 400000 Ion 167.00 (166.70 to 167.70): E
 300000
 200000
 100000
 0





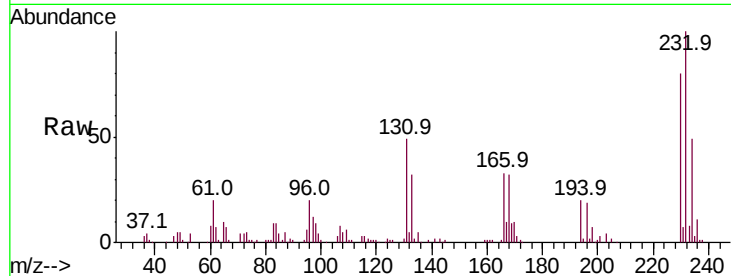
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.159 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.0	37.0	55.4
130	2.4	1.8	2.6
166	32.6	22.0	33.0

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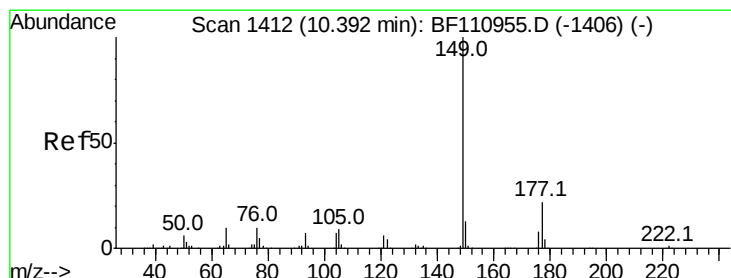
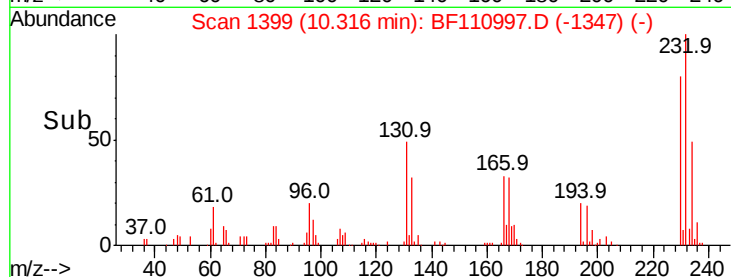
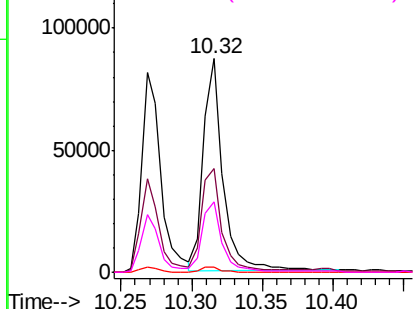
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

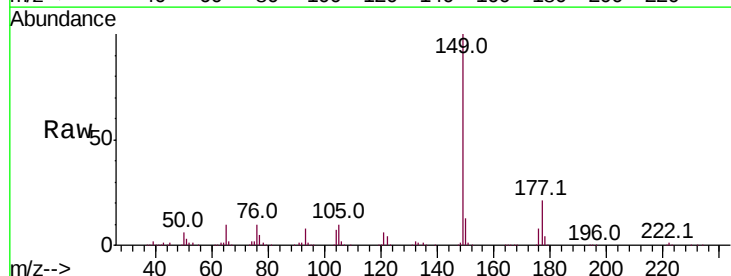
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.812 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.4	26.2
150	12.5	9.8	14.8

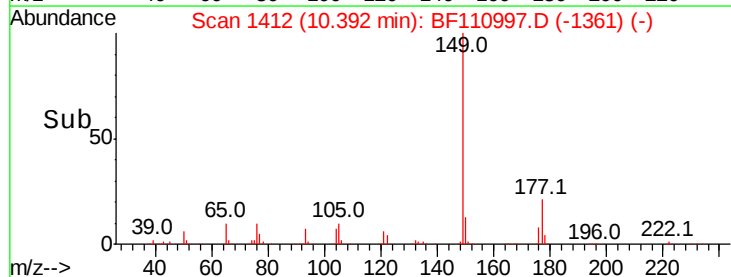
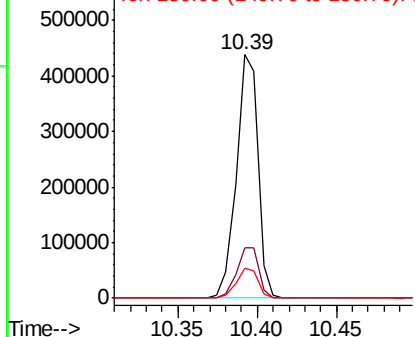


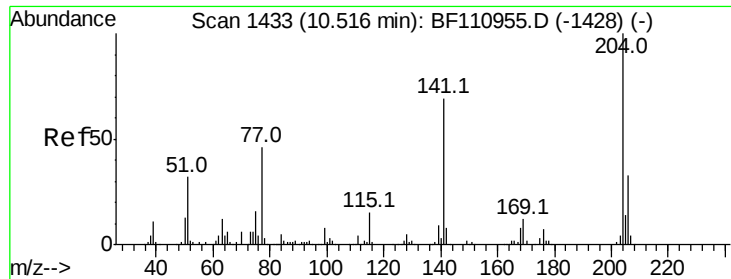
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





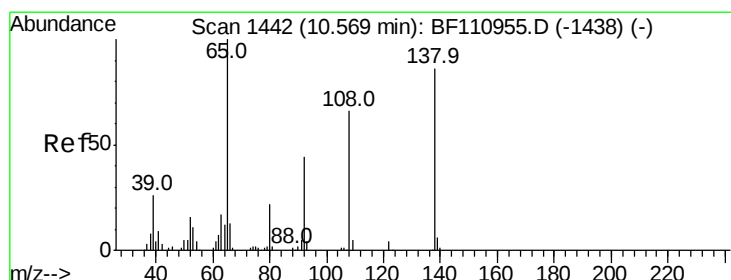
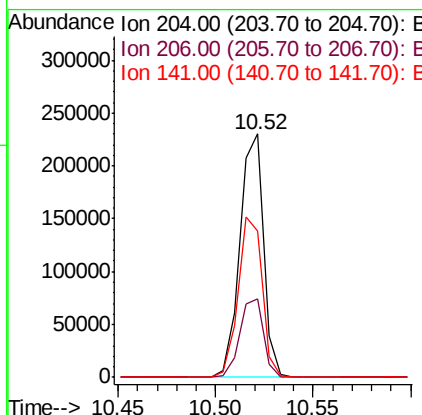
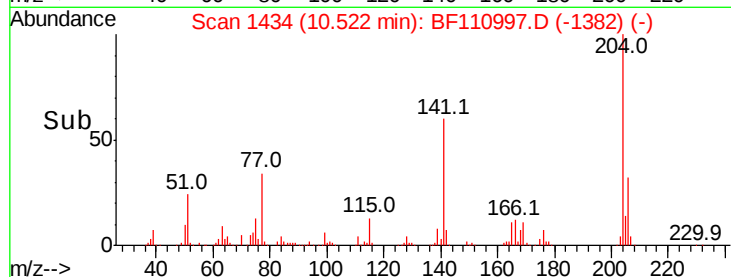
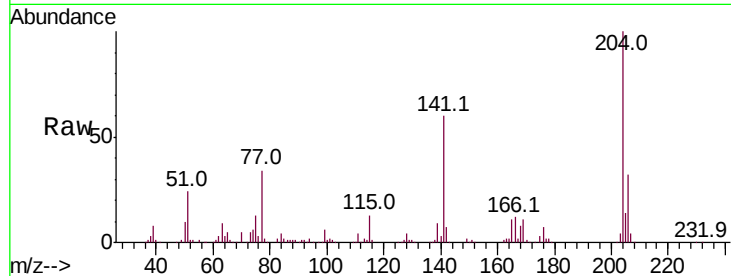
#61
4-Chlorophenyl-phenylether
Concen: 40.024 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	60.0	51.8	77.8

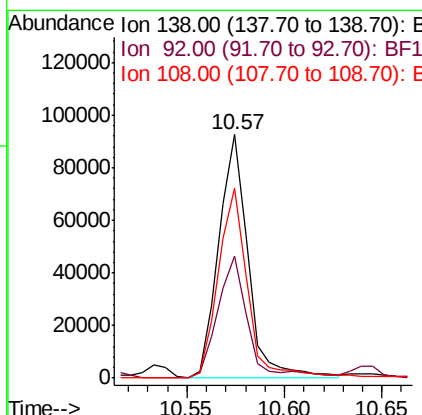
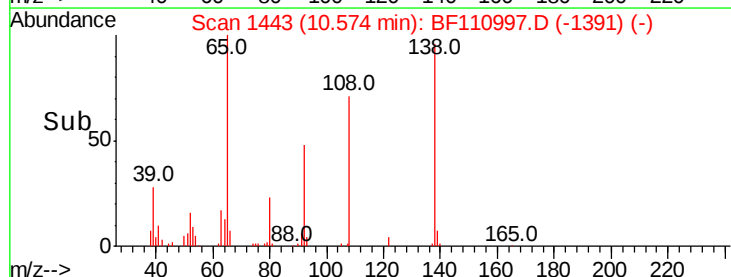
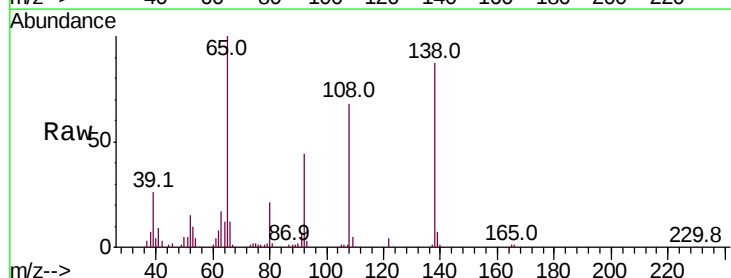
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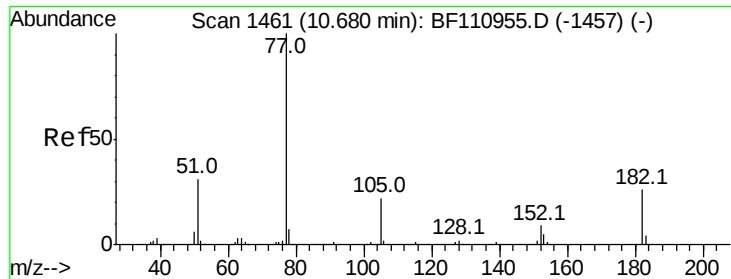
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#62
4-Nitroaniline
Concen: 41.041 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.7	71.7
108	78.0	59.3	99.3





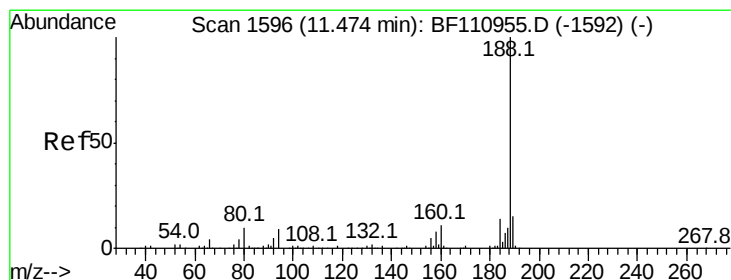
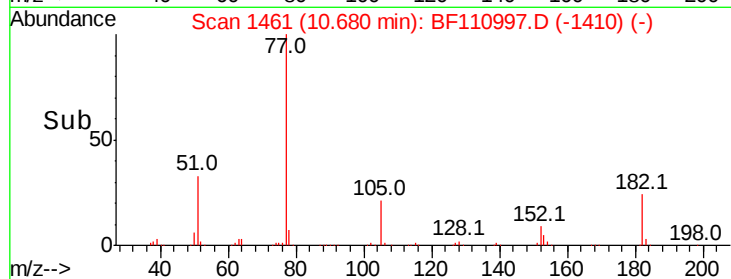
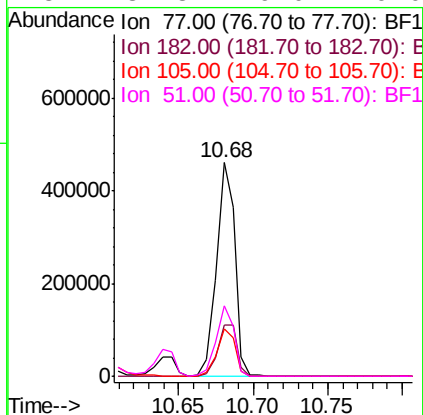
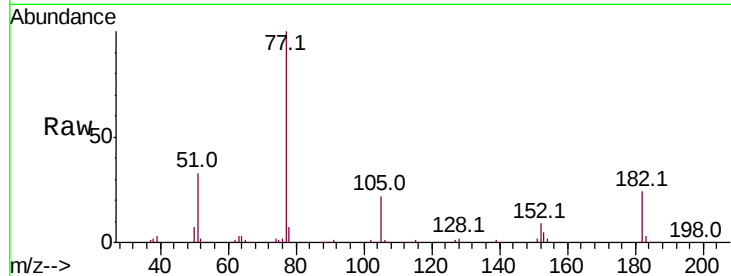
#63
Azobenzene
Concen: 40.178 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.0	4.3	44.3	
105	22.2	1.3	41.3	
51	32.8	9.0	49.0	

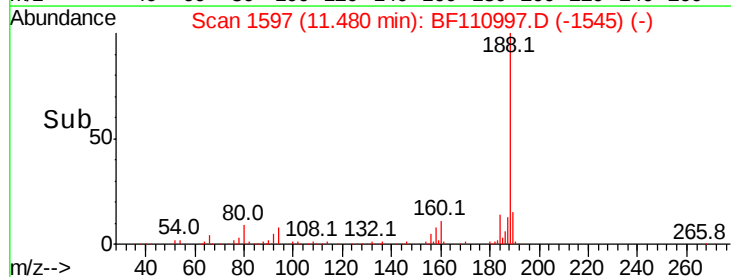
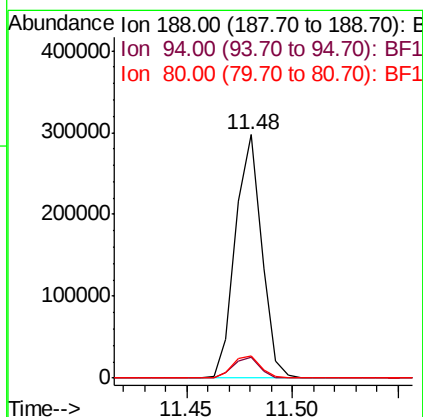
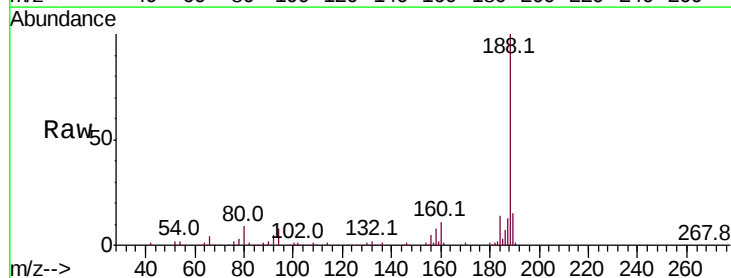
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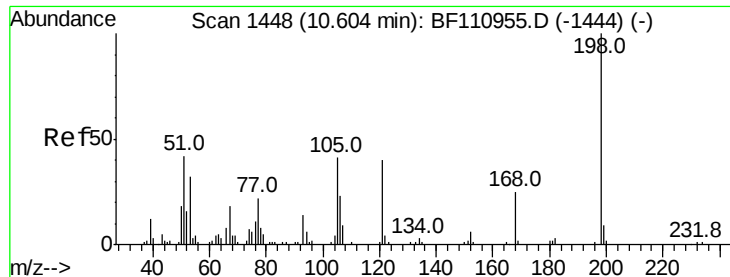
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	7.2	10.8	
80	9.0	7.9	11.9	





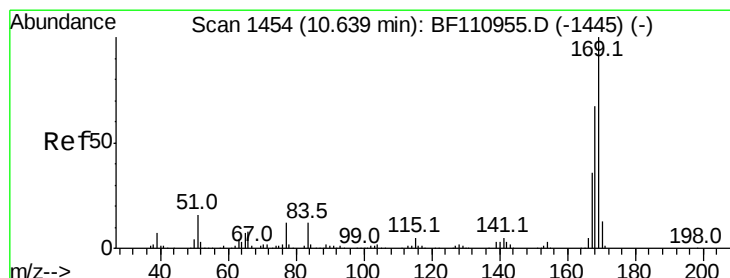
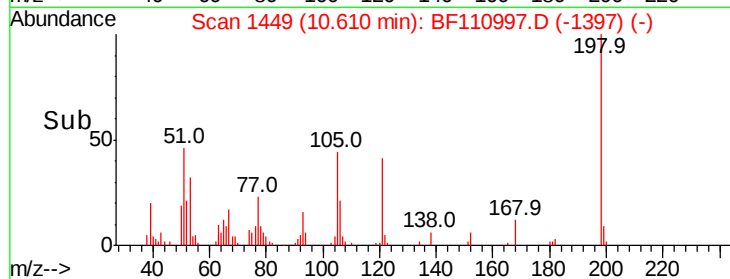
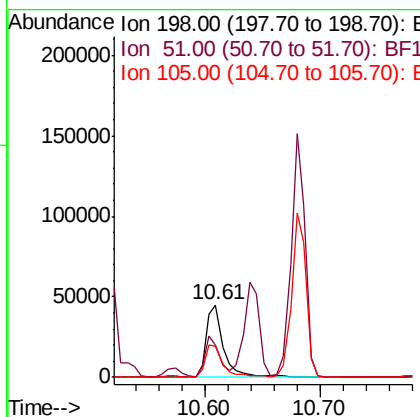
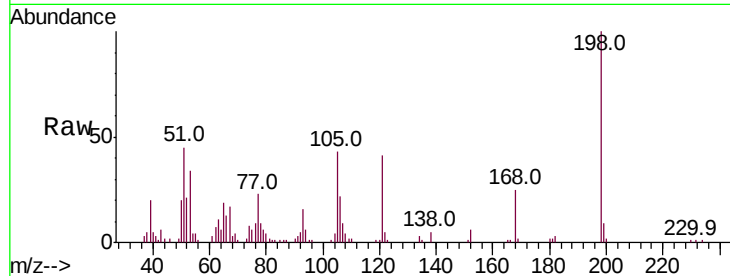
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.671 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.2	22.8	62.8
105	42.8	23.6	63.6

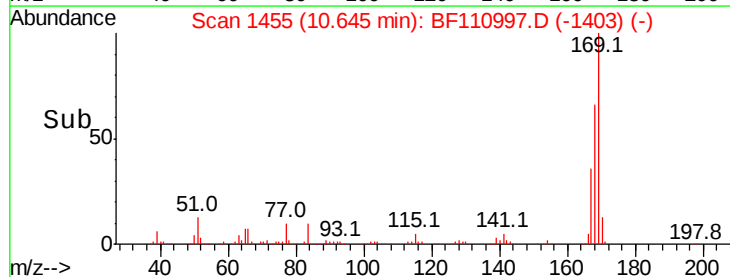
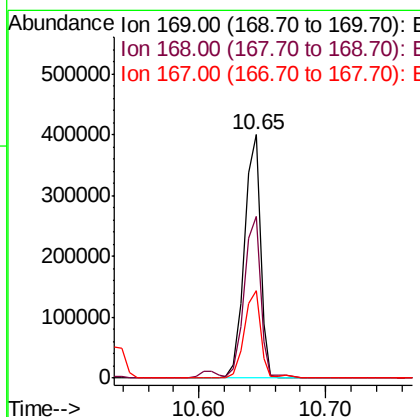
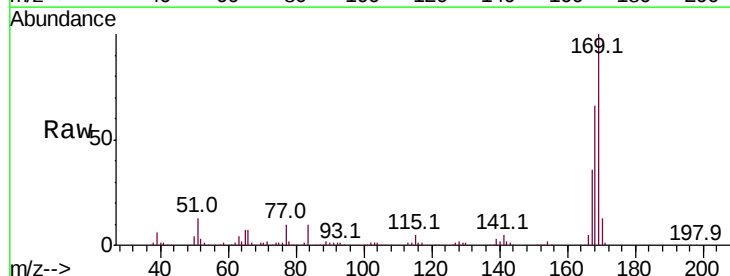
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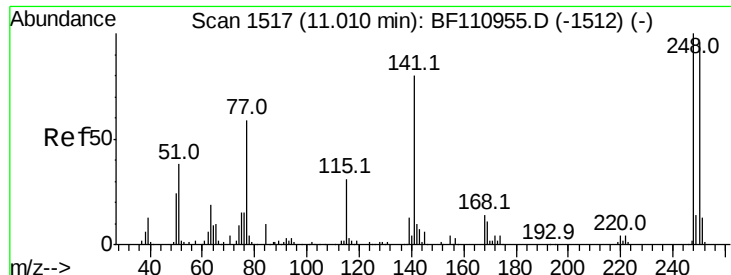
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#66
 n-Nitrosodiphenylamine
 Concen: 40.962 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	51.2	76.8
167	35.8	27.8	41.6





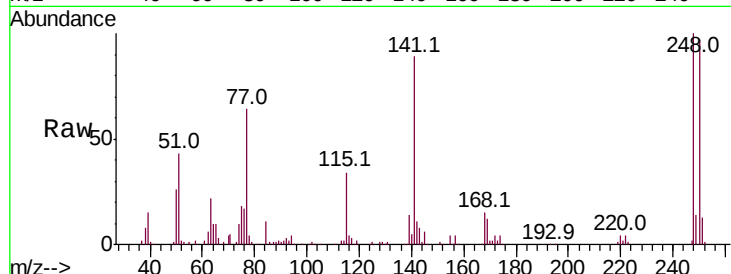
#67
4-Bromophenyl-phenylether
Concen: 41.001 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.2
141	89.2	55.9	83.9#

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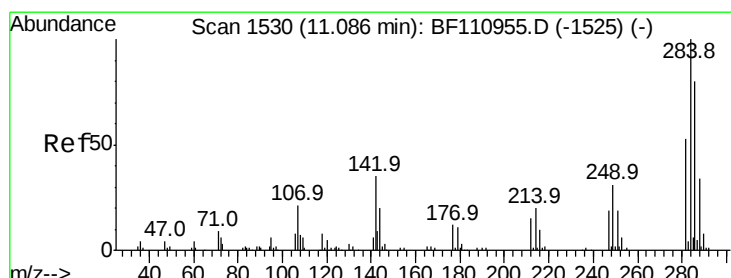
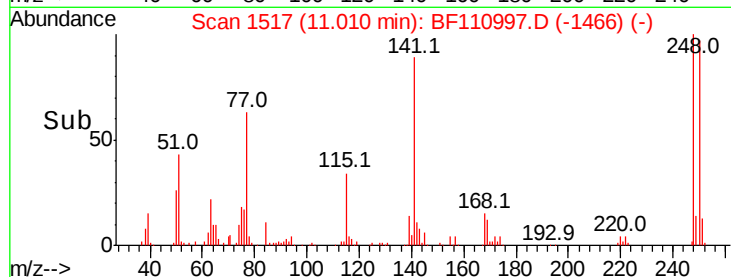
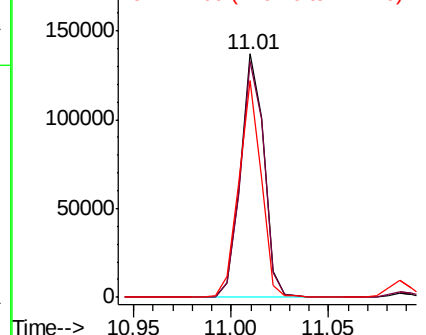


Abundance

Ion 248.00 (247.70 to 248.70): E

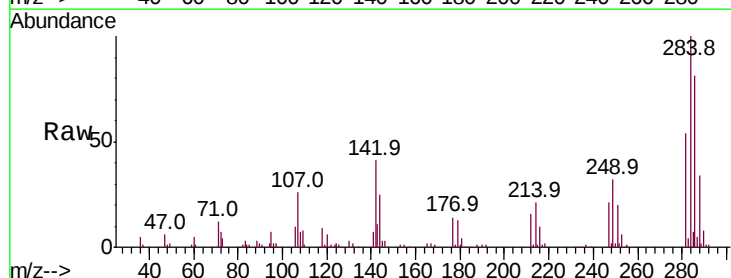
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.651 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.9	23.9	35.9#
249	32.5	24.2	36.2

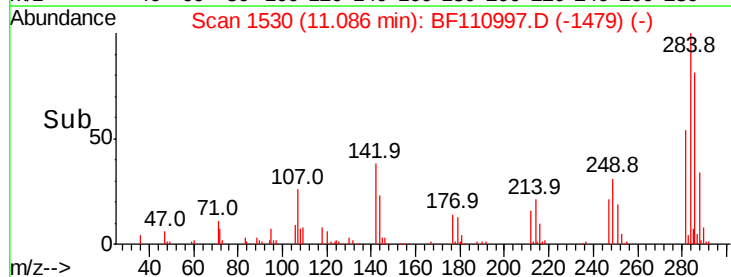
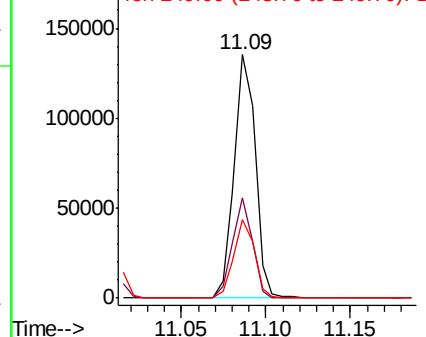


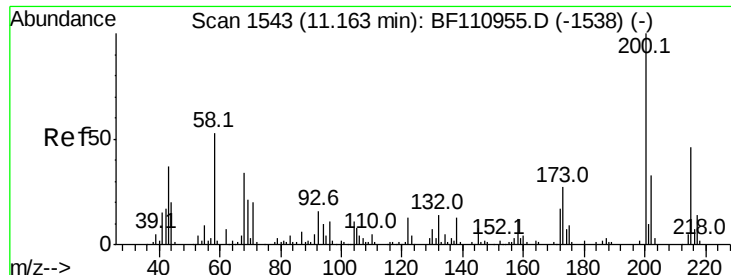
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





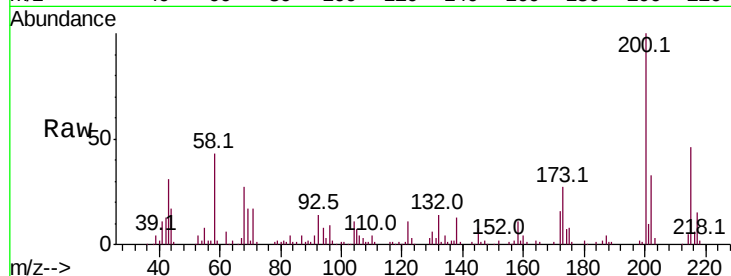
#69
 Atrazine
 Concen: 41.570 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

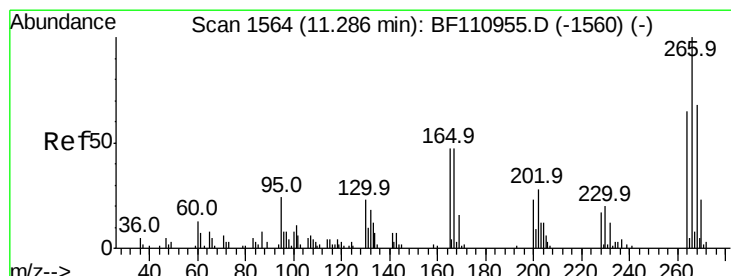
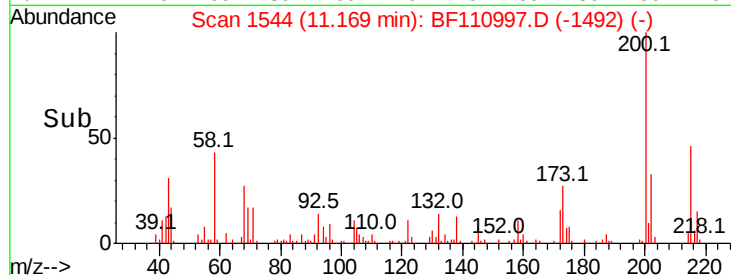
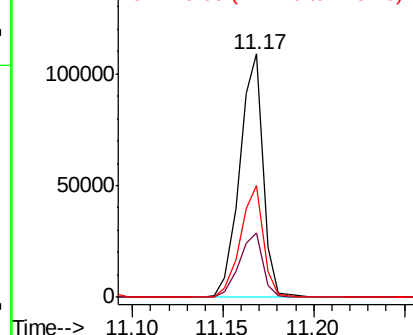
Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.5	6.6	46.6	
215	45.9	26.3	66.3	

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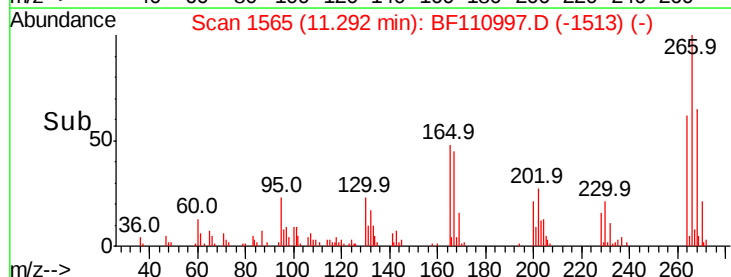
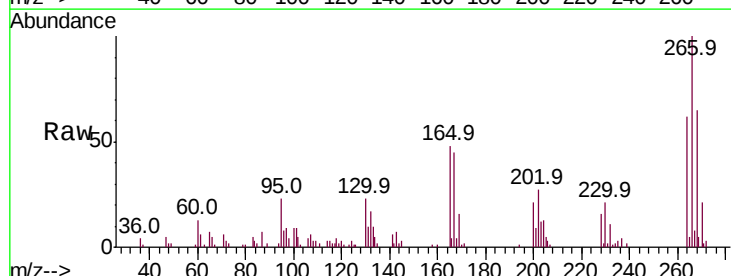
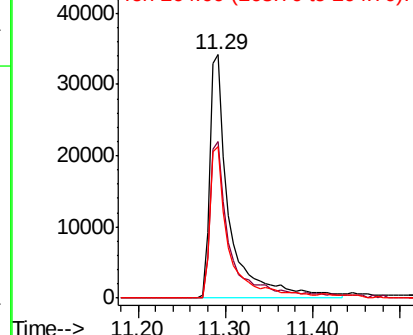
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

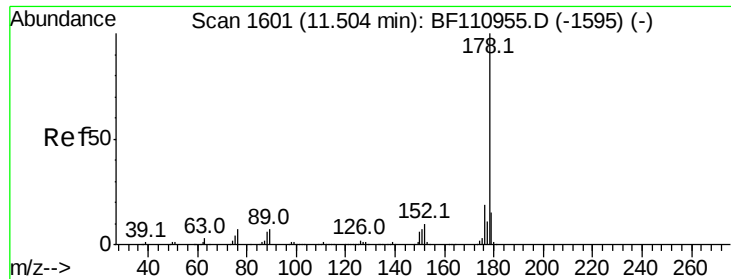


#70
 Pentachlorophenol
 Concen: 45.255 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.6	50.6	75.8	
264	62.3	50.6	75.8	

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





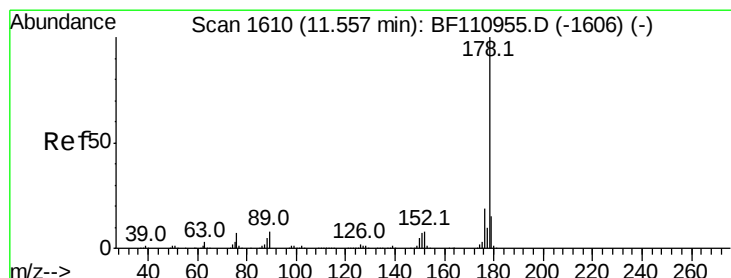
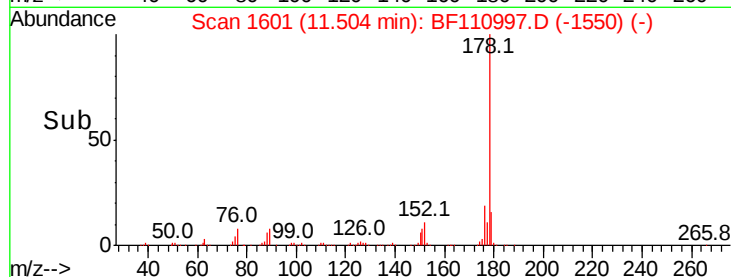
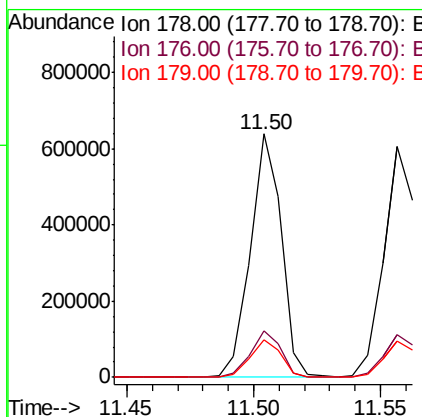
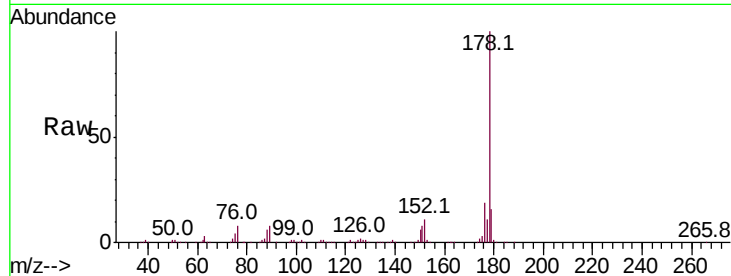
#71
Phenanthrene
Concen: 40.324 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

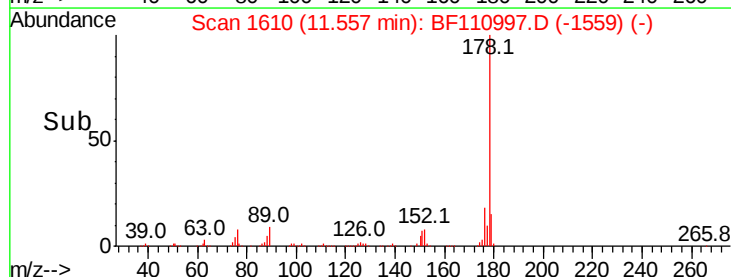
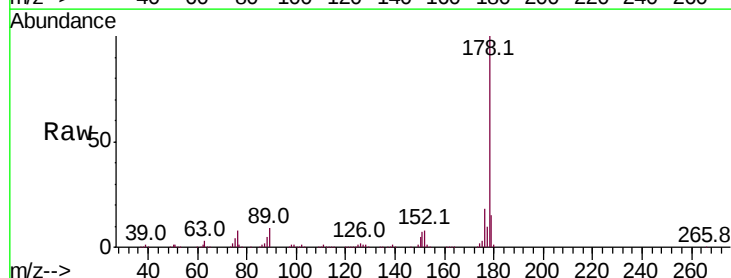
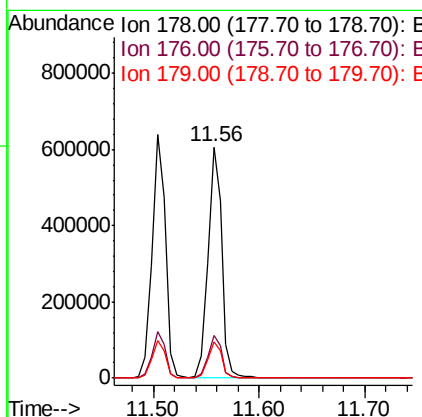
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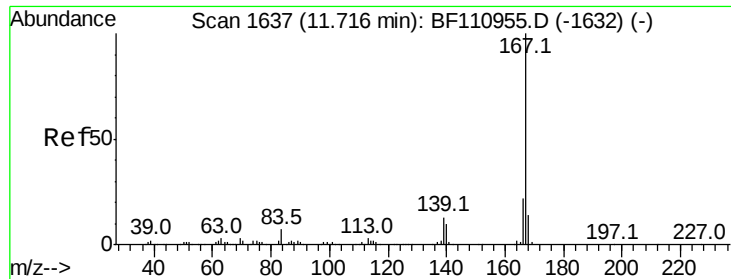
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#72
Anthracene
Concen: 40.104 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	18.8





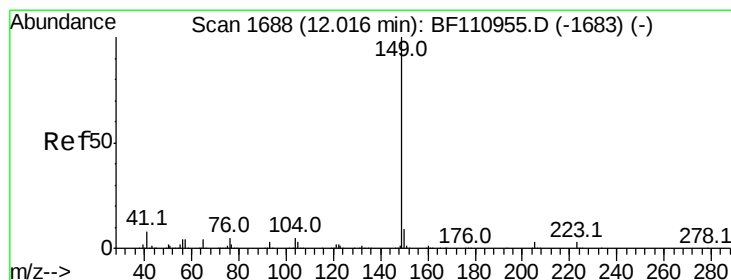
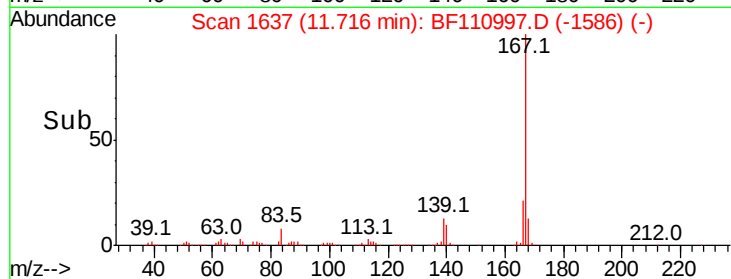
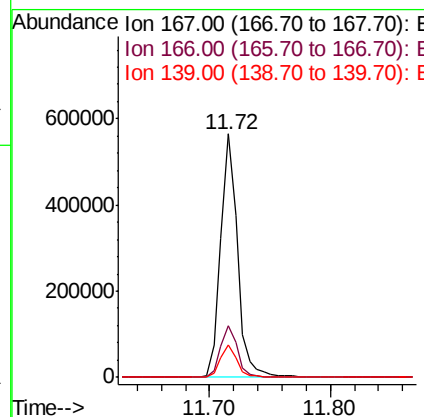
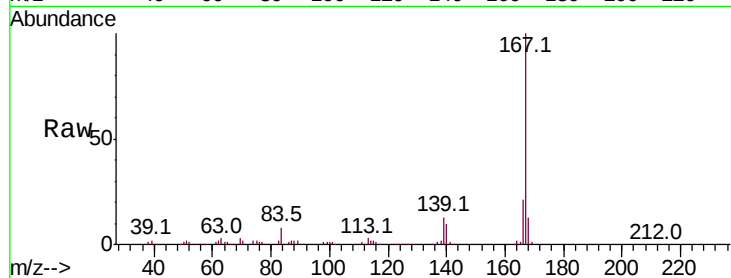
#73
 Carbazole
 Concen: 40.629 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.4	10.9	16.3

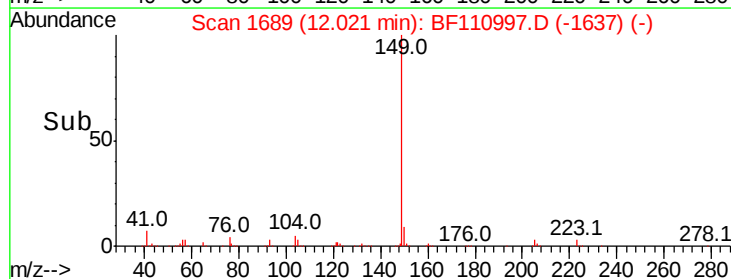
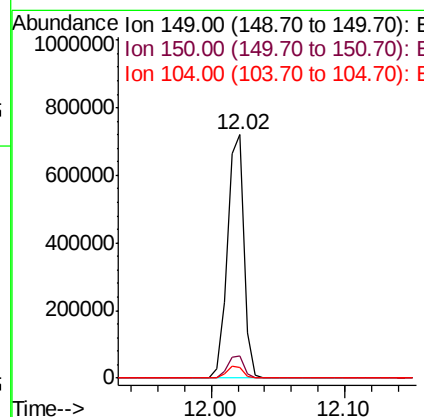
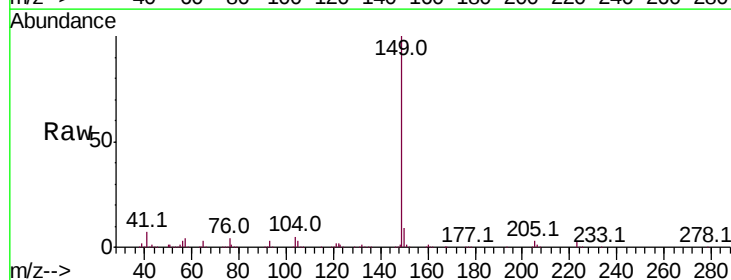
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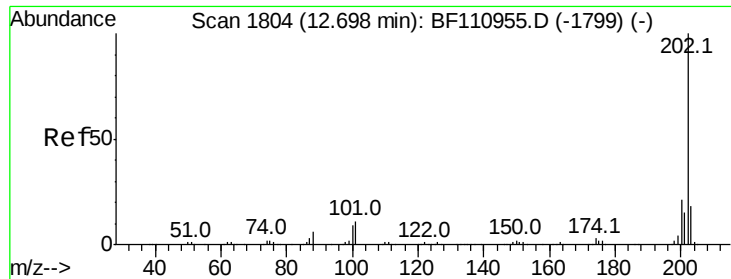
mohammad
 11/28/2018 4:41:47 PM



#74
 Di-n-butylphthalate
 Concen: 40.439 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.6	4.2	6.4





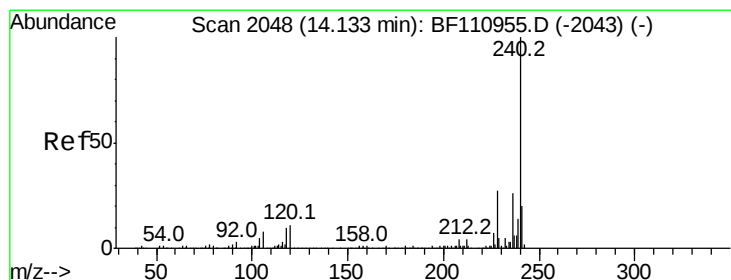
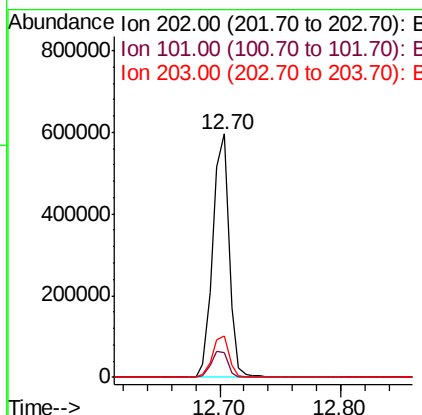
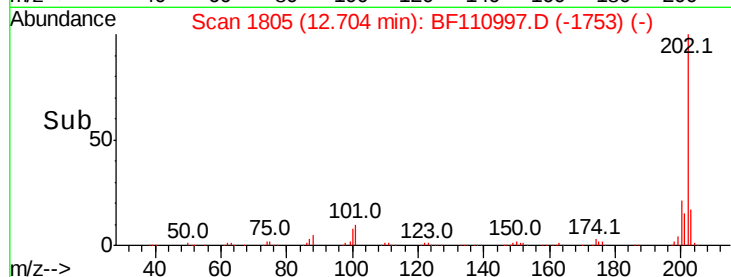
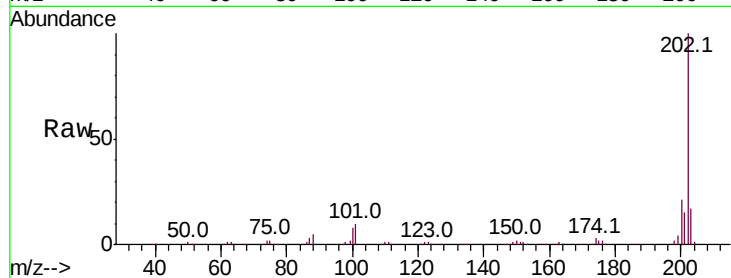
#75
 Fluoranthene
 Concen: 39.853 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	31.4
203	17.2	0.0	37.7

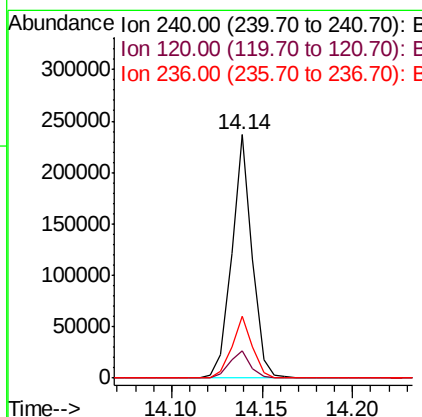
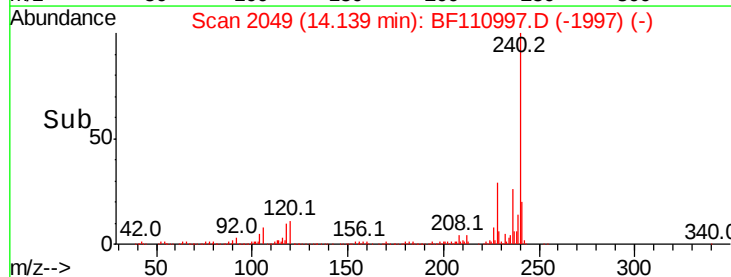
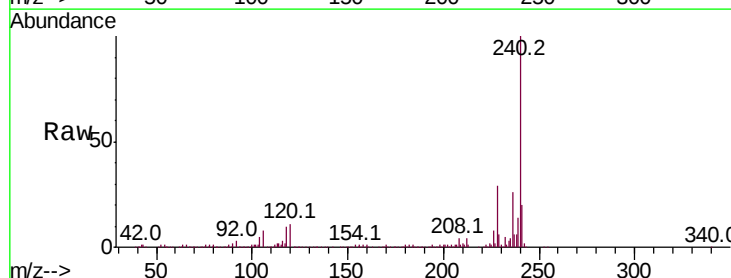
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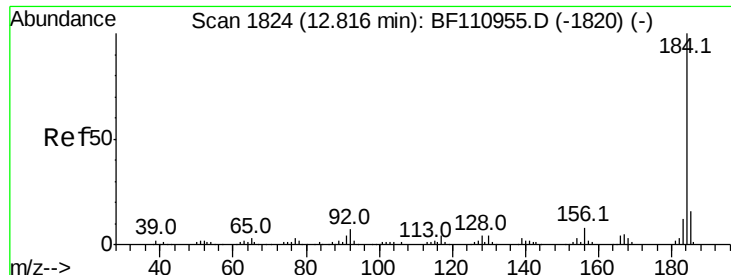
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.6	21.2	31.8





#77

Benzidine

Concen: 44.303 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

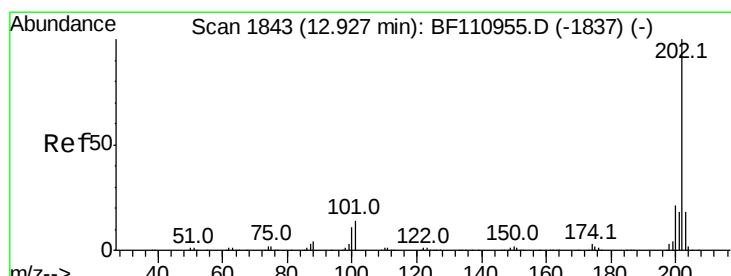
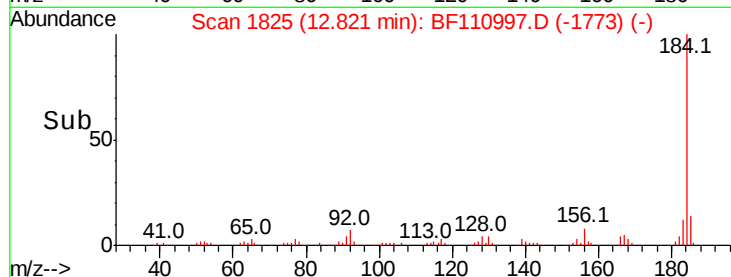
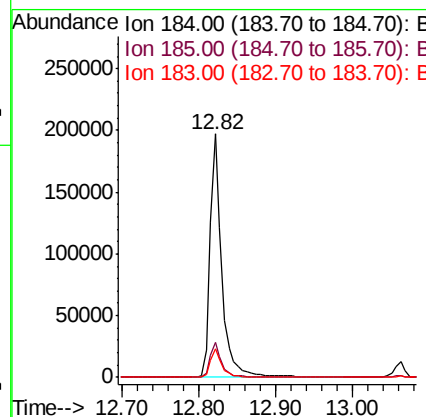
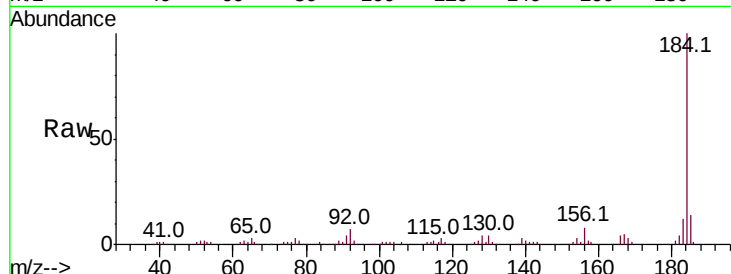
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	208745
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.4	20.2
183	11.8	9.4	14.2

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#78

Pyrene

Concen: 42.025 ng

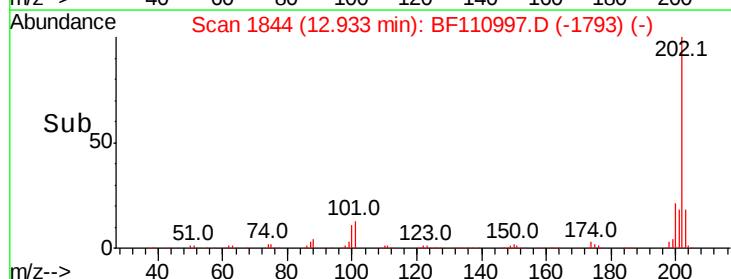
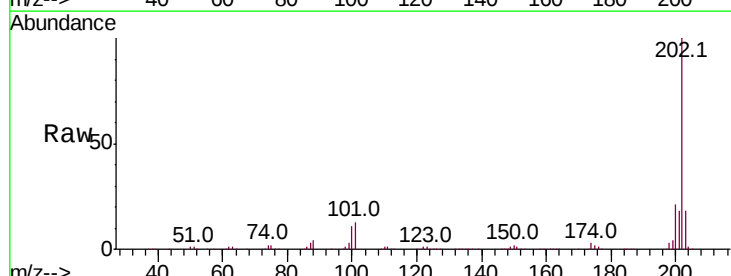
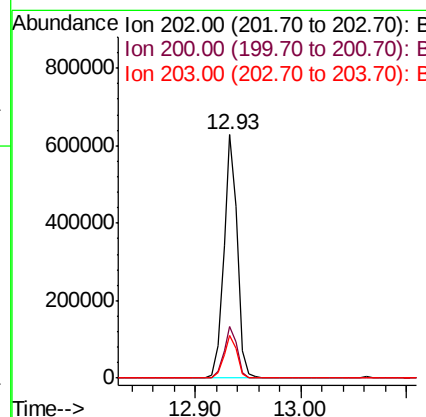
RT: 12.93 min Scan# 1844

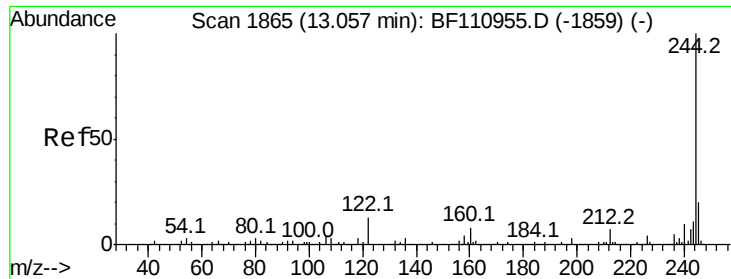
Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Tgt Ion:	202	Resp:	565423
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.6	14.2	21.4





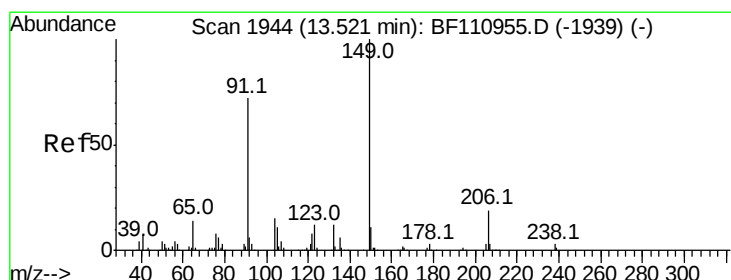
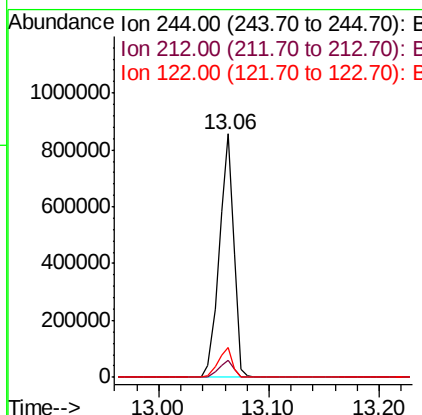
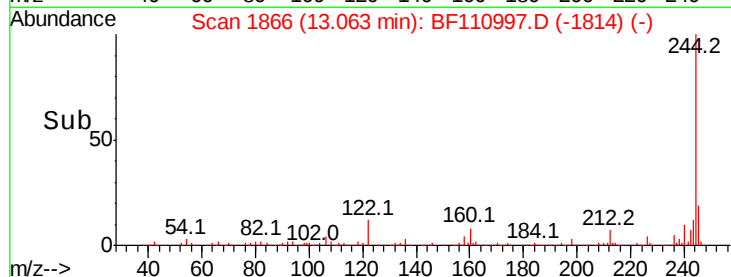
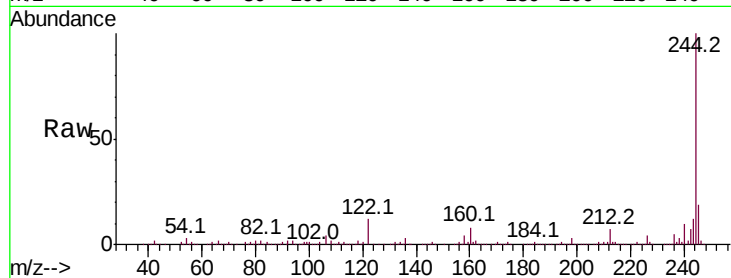
#79
 Terphenyl-d14
 Concen: 82.258 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.3	8.7	13.1

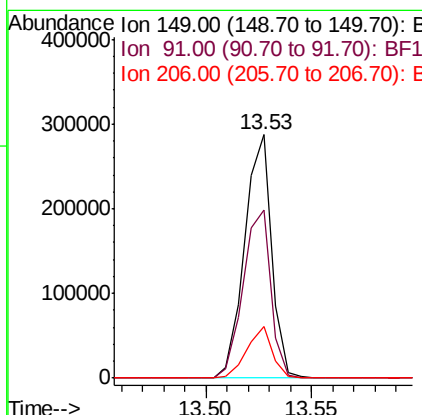
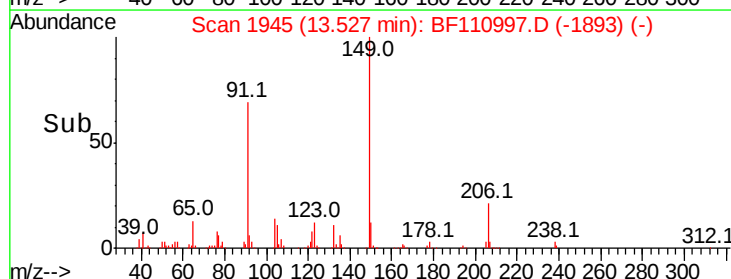
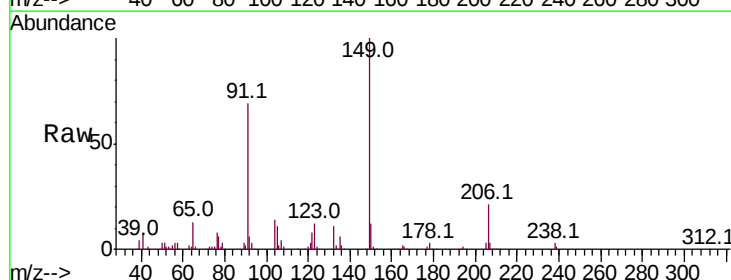
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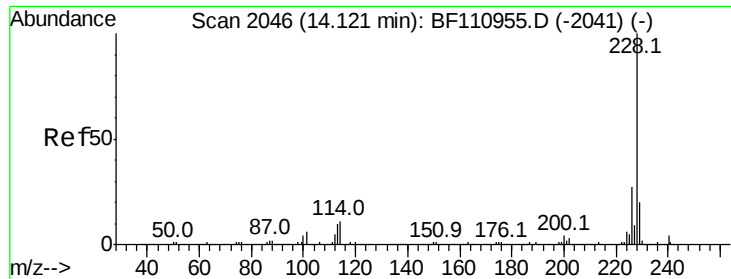
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#80
 Butylbenzylphthalate
 Concen: 41.939 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.2	85.8
206	21.0	15.7	23.5





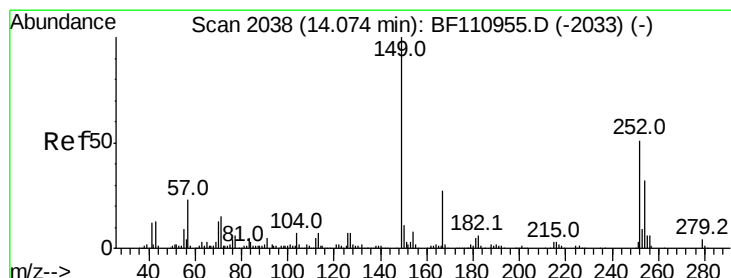
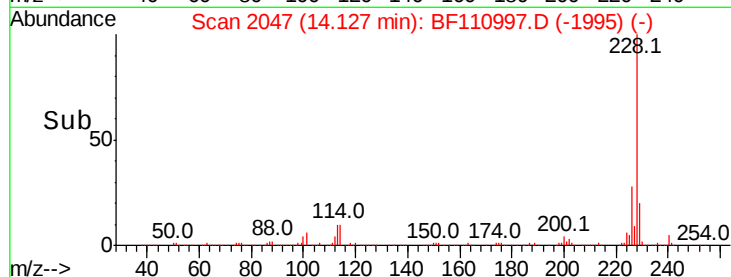
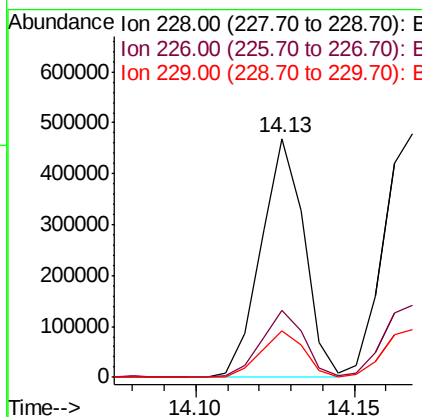
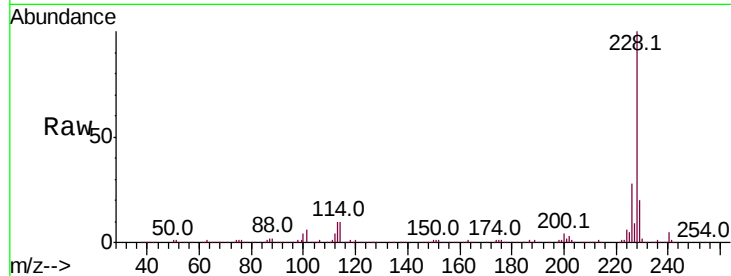
#81
Benzo(a)anthracene
Concen: 40.850 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.7	15.6	23.4

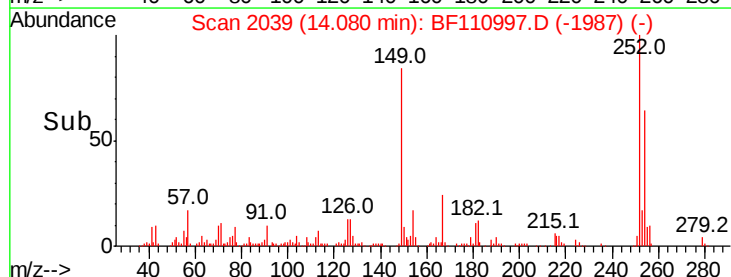
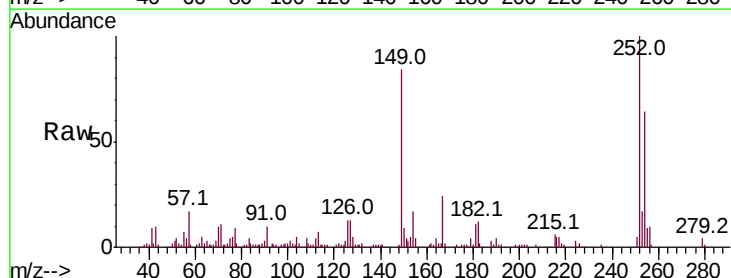
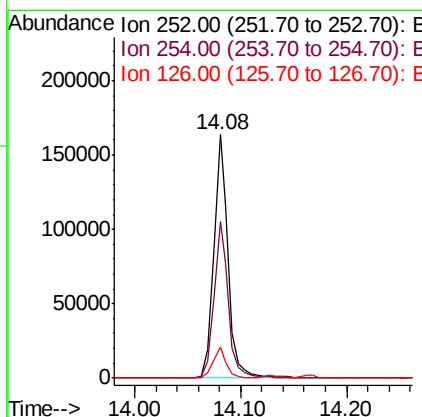
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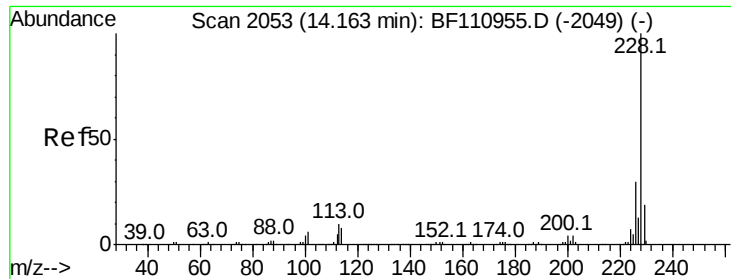
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#82
3,3'-Dichlorobenzidine
Concen: 42.065 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	12.5	9.4	14.2





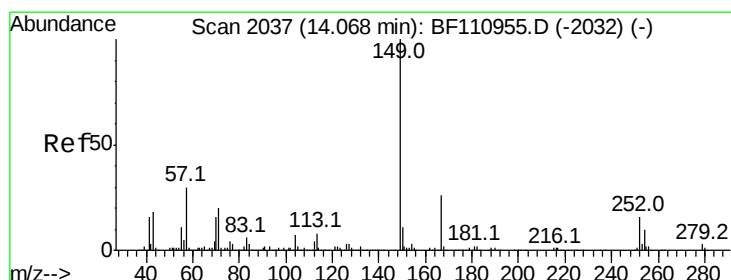
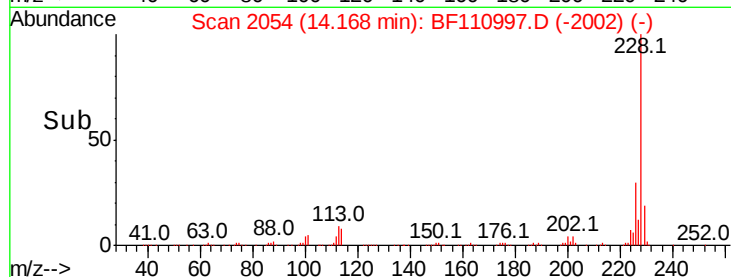
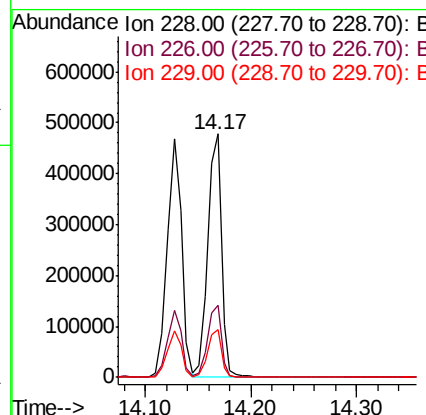
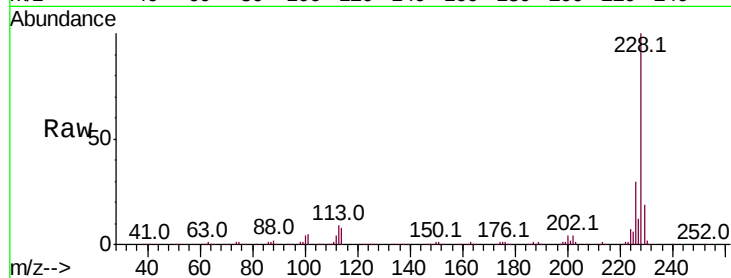
#83
Chrysene
Concen: 40.158 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.4	15.9	23.9

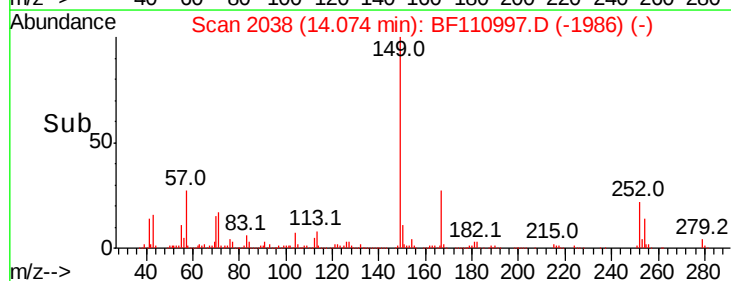
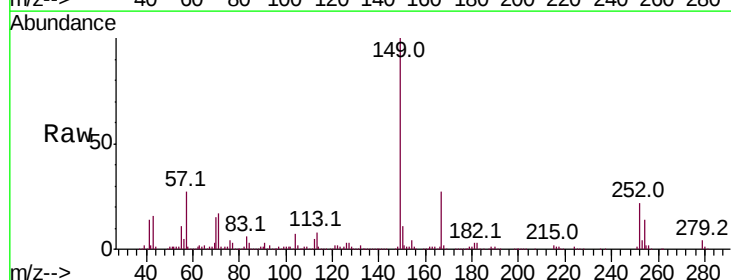
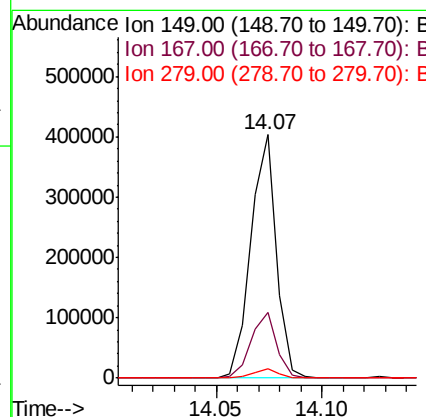
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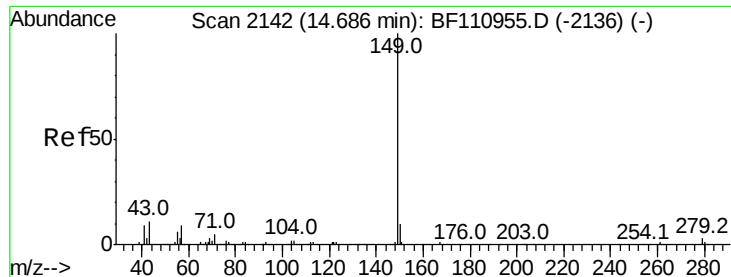
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.821 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.8	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 40.263 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

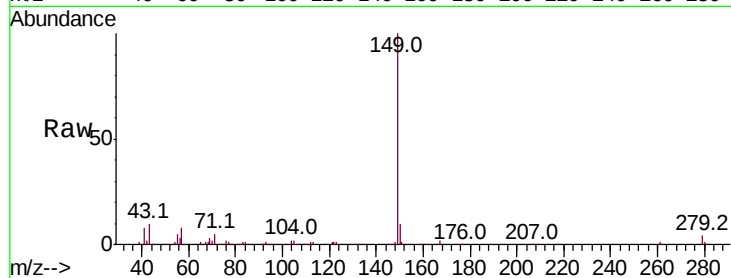
ClientSampleId :

SSTDCCC040

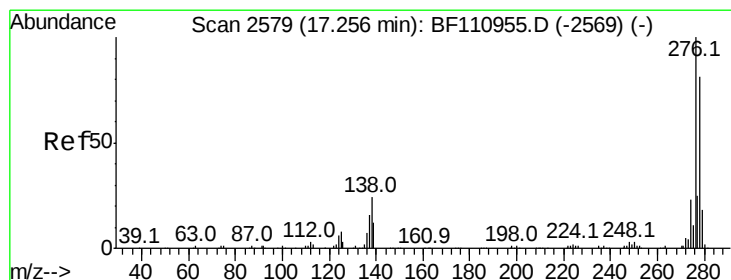
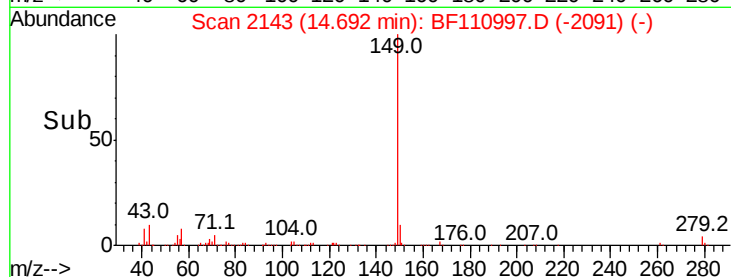
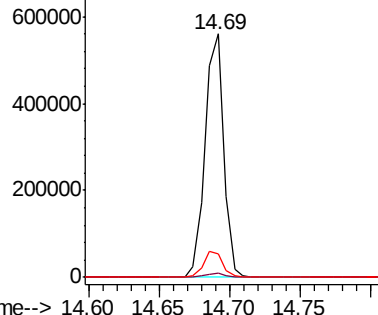
Tot Ion:	149	Resp:	514428
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.7	7.8	11.8

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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: 39.910 ng

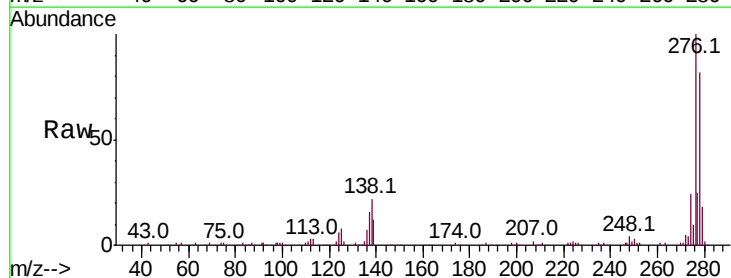
RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

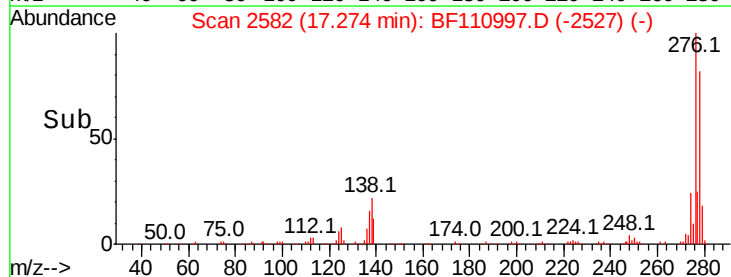
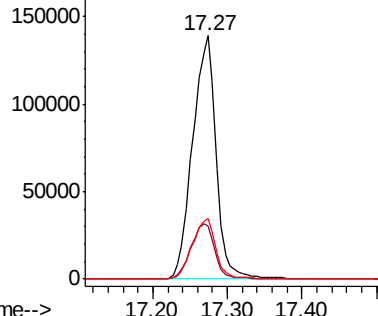
Lab File: BF110997.D

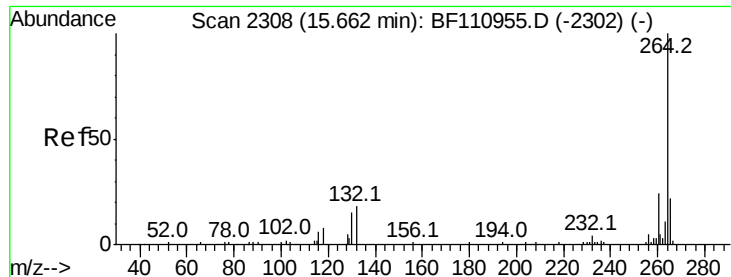
Acq: 27 Nov 2018 9:28

Tgt Ion:	276	Resp:	306705
Ion Ratio	Lower	Upper	
276	100		
138	23.5	18.5	27.7
277	24.8	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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

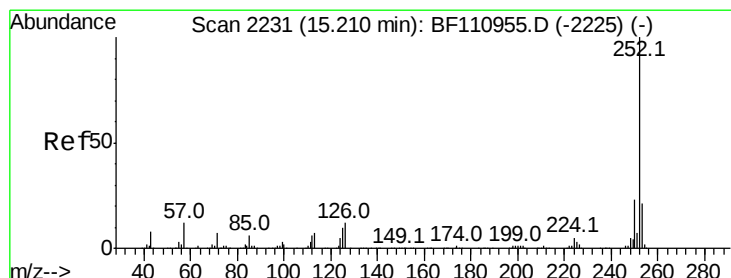
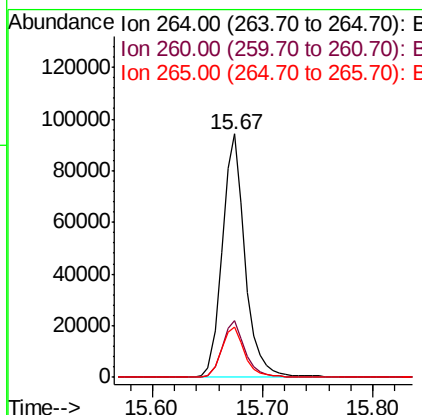
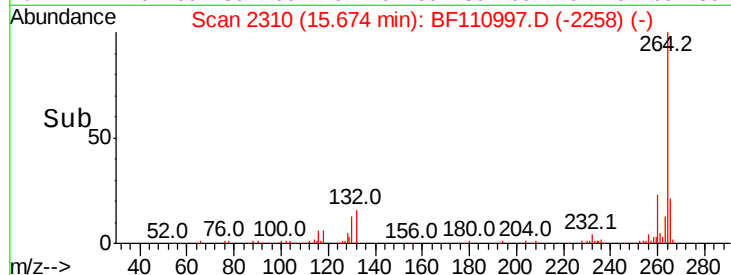
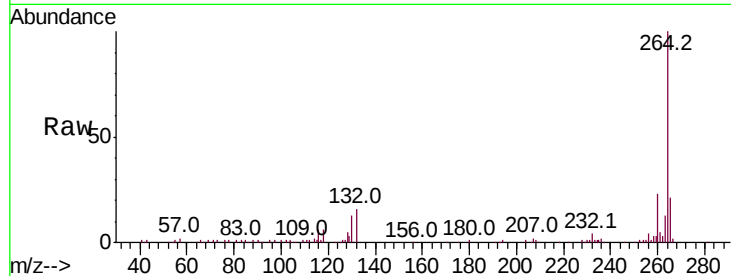
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	135375
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.7	28.1
265	20.9	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 40.092 ng

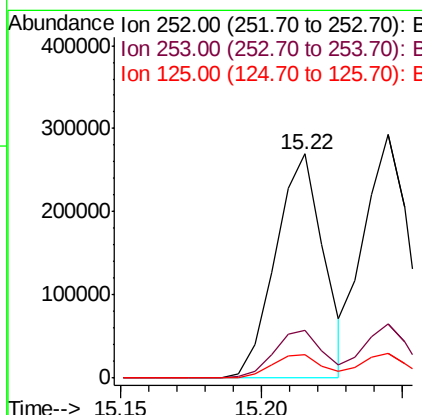
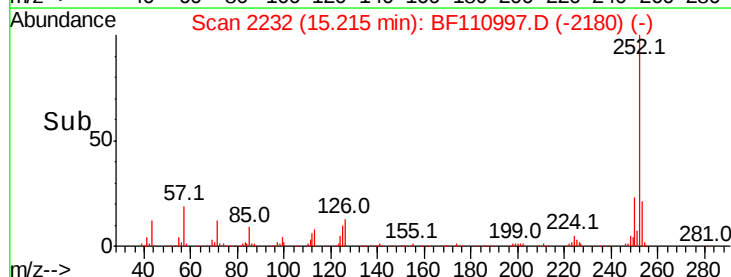
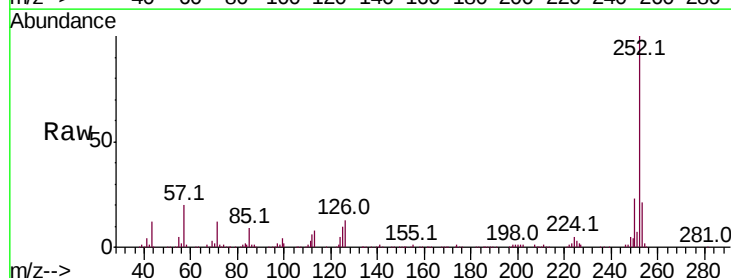
RT: 15.22 min Scan# 2232

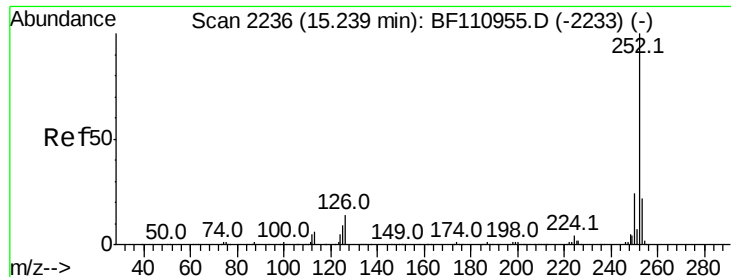
Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Tgt Ion:	252	Resp:	318843
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.2	25.8
125	10.2	8.2	12.4





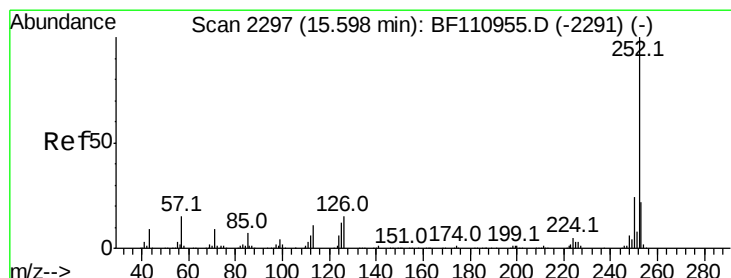
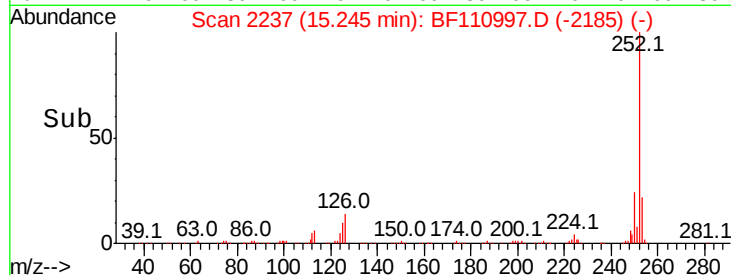
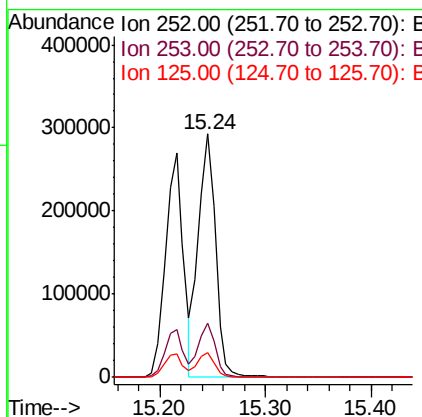
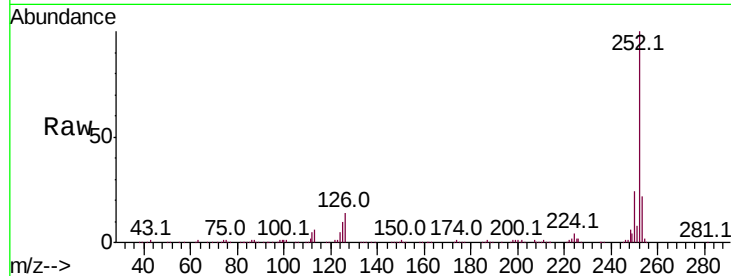
#89
Benzo(k)fluoranthene
Concen: 40.476 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.3	7.4	11.0

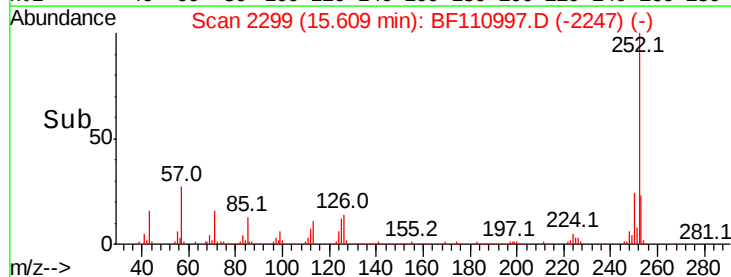
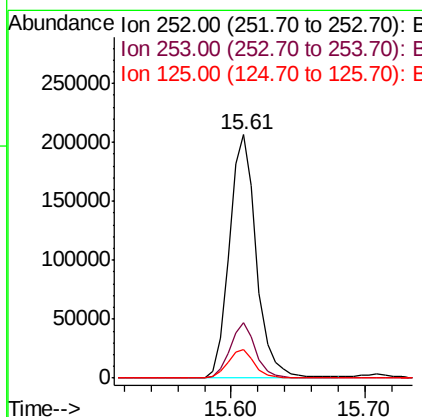
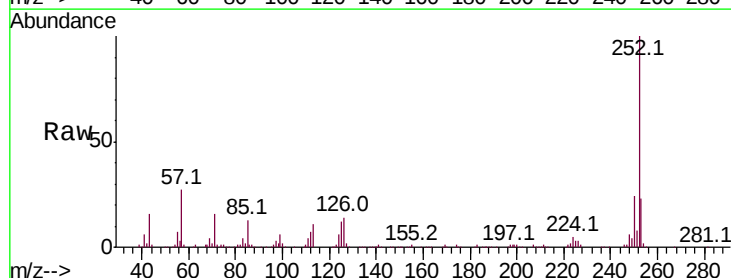
Manual Integrations
APPROVED

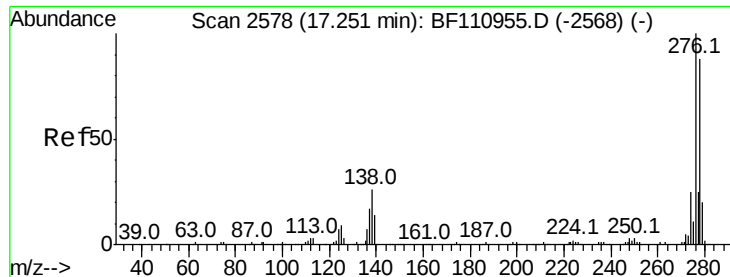
mohammad
11/28/2018 4:41:47 PM



#90
Benzo(a)pyrene
Concen: 39.448 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.8	9.0	13.6





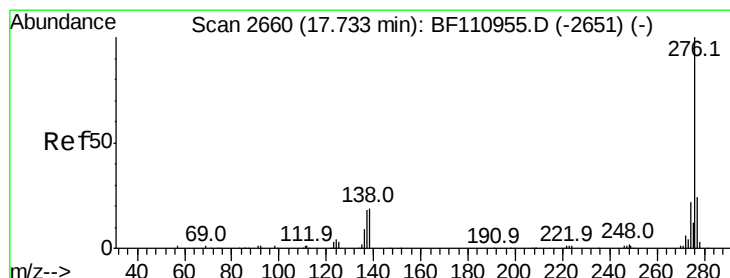
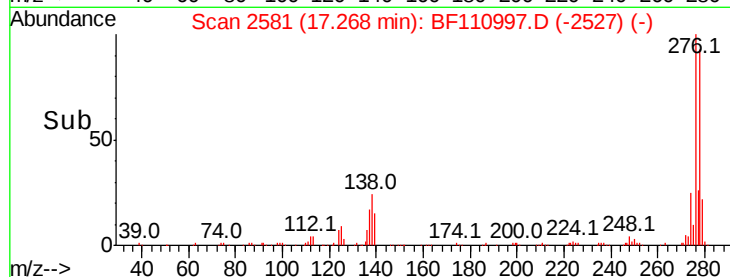
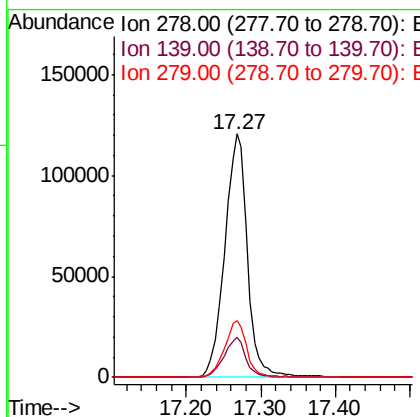
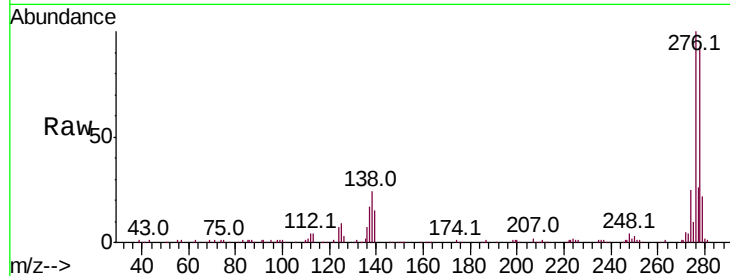
#91
Dibenzo(a,h)anthracene
Concen: 41.794 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 42.215 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.8	16.0	24.0

