

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095455.D
 Acq On : 26 May 2017 12:01
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:35:26 PM

Quant Time: May 26 17:41:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	129095	20.00	ng	-0.02
21) Naphthalene-d8	9.76	136	519414	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	233626	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	412678	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	331529	20.00	ng	-0.02
86) Perylene-d12	20.35	264	261591	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	611043	78.91	ng	-0.03
7) Phenol-d6	7.30	99	736710	79.30	ng	-0.02
23) Nitrobenzene-d5	8.65	82	642423	77.99	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	149526	78.15	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1176379	72.48	ng	-0.02
78) Terphenyl-d14	17.32	244	1160282	77.09	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	135560	35.70	ng	94
3) Pyridine	2.88	79	325977	37.04	ng	97
4) n-Nitrosodimethylamine	2.81	42	118052	32.18	ng	82
6) Aniline	7.25	93	491137	41.87	ng	96
8) 2-Chlorophenol	7.44	128	355169	40.30	ng	96
9) Benzaldehyde	7.07	77	186212	32.82	ng	96
10) Phenol	7.31	94	343873	35.12	ng	88
11) bis(2-Chloroethyl)ether	7.38	93	311298	38.52	ng	96
12) 1,3-Dichlorobenzene	7.65	146	398337	39.84	ng	99
13) 1,4-Dichlorobenzene	7.77	146	407335	40.18	ng	97
14) 1,2-Dichlorobenzene	8.00	146	372017	39.31	ng	96
15) Benzyl Alcohol	8.04	79	263565	44.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	443840	38.80	ng	90
17) 2-Methylphenol	8.24	107	295043	40.91	ng	96
18) Hexachloroethane	8.52	117	132125	38.47	ng	88
19) n-Nitroso-di-n-propylamine	8.46	70	244042	38.84	ng	91
20) 3+4-Methylphenols	8.51	107	381022	38.88	ng	# 59
22) Acetophenone	8.42	105	480518	38.56	ng	# 83
24) Nitrobenzene	8.68	77	337448	39.08	ng	92
25) Isophorone	9.08	82	598626	40.70	ng	96
26) 2-Nitrophenol	9.19	139	197342	42.36	ng	98
27) 2,4-Dimethylphenol	9.32	122	307742	40.86	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	406505	39.95	ng	99
29) 2,4-Dichlorophenol	9.61	162	276779	38.92	ng	99
30) 1,2,4-Trichlorobenzene	9.69	180	299474	39.30	ng	98
31) Naphthalene	9.80	128	1002665	38.41	ng	100
32) Benzoic acid	9.68	122	170214	35.86	ng	88
33) 4-Chloroaniline	9.94	127	409501	42.09	ng	# 91
34) Hexachlorobutadiene	10.01	225	155276	38.62	ng	98
35) Caprolactam	10.59	113	88866m	41.61	ng	
36) 4-Chloro-3-methylphenol	10.80	107	311855	41.01	ng	89
37) 2-Methylnaphthalene	10.92	142	675148	39.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	277498	38.62	ng	99
40) Hexachlorocyclopentadiene	11.17	237	95609	35.31	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

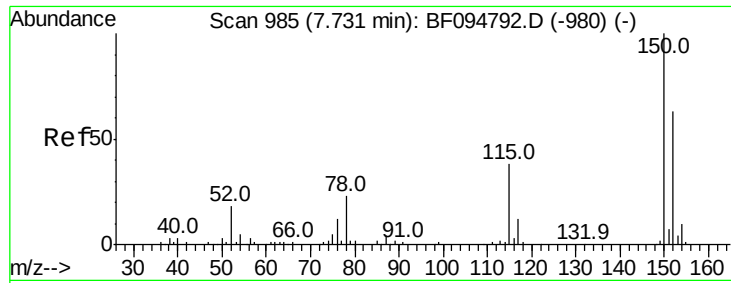
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	187921	39.18	nq	99
43) 2,4,5-Trichlorophenol	11.52	196	178919	34.70	nq	95
45) 1,1'-Biphenyl	11.69	154	762641	38.77	nq	98
46) 2-Chloronaphthalene	11.71	162	611148	38.48	nq	96
47) 2-Nitroaniline	11.93	65	176531	40.61	nq	# 80
48) Acenaphthylene	12.37	152	954383	38.36	nq	99
49) Dimethylphthalate	12.24	163	720676	37.58	nq	99
50) 2,6-Dinitrotoluene	12.34	165	153192	39.15	nq	95
51) Acenaphthene	12.65	154	570101	38.37	nq	99
52) 3-Nitroaniline	12.61	138	174414	41.53	nq	94
53) 2,4-Dinitrophenol	12.84	184	69772	36.09	nq	# 61
54) Dibenzofuran	12.94	168	809471	39.37	nq	99
55) 4-Nitrophenol	13.04	139	90661m	35.94	nq	
56) 2,4-Dinitrotoluene	13.01	165	211372	42.04	nq	# 90
57) Fluorene	13.49	166	681554	38.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	127724	39.36	nq	# 95
59) Diethylphthalate	13.38	149	708735	38.55	nq	98
60) 4-Chlorophenyl-phenylether	13.51	204	301759	38.40	nq	90
61) 4-Nitroaniline	13.62	138	149083	38.67	nq	97
62) Azobenzene	13.77	77	593374	40.17	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	111710	40.38	nq	# 68
65) n-Nitrosodiphenylamine	13.72	169	592445	39.56	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	170557	39.12	nq	97
67) Hexachlorobenzene	14.39	284	170960	38.26	nq	# 88
68) Atrazine	14.65	200	163305	38.62	nq	96
69) Pentachlorophenol	14.75	266	67236	36.71	nq	96
70) Phenanthrene	15.04	178	900113	37.96	nq	98
71) Anthracene	15.12	178	949985	39.22	nq	98
72) Carbazole	15.41	167	881607	40.01	nq	97
73) Di-n-butylphthalate	15.97	149	1107028	40.28	nq	98
74) Fluoranthene	16.78	202	968114	39.80	nq	98
76) Benzidine	17.01	184	432331m	48.19	nq	
77) Pyrene	17.09	202	999368	40.31	nq	98
79) Butylbenzylphthalate	17.98	149	454525	39.41	nq	# 85
80) Benzo(a)anthracene	18.67	228	752543	39.00	nq	99
81) 3,3'-Dichlorobenzidine	18.64	252	262582	39.40	nq	# 96
82) Chrysene	18.71	228	720882	38.64	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	620344	37.75	nq	# 99
84) Di-n-octyl phthalate	19.49	149	1042579	38.70	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	491916	32.47	nq	99
87) Benzo(b)fluoranthene	19.94	252	644621	39.88	nq	96
88) Benzo(k)fluoranthene	19.97	252	624738	40.07	nq	96
89) Benzo(a)pyrene	20.30	252	577359	38.71	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	417605	33.90	nq	97
91) Benzo(g,h,i)perylene	22.07	276	429712	35.55	nq	99

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



#1

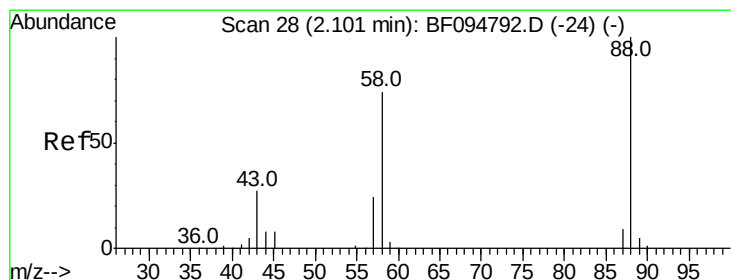
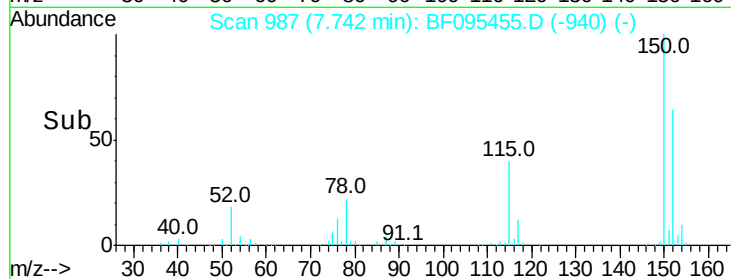
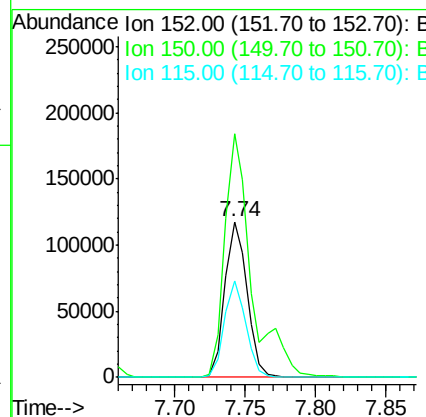
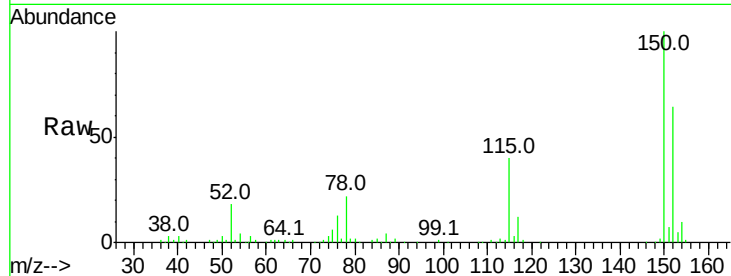
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	62.0	52.2	78.2

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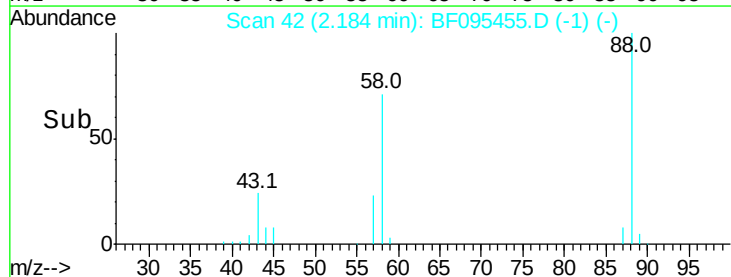
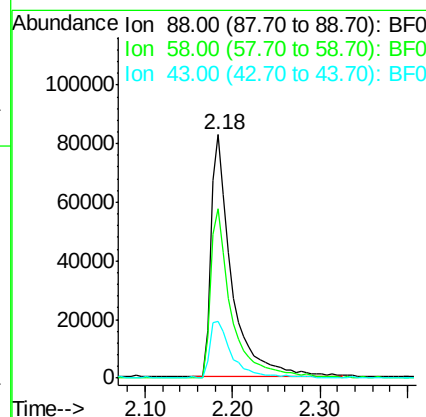
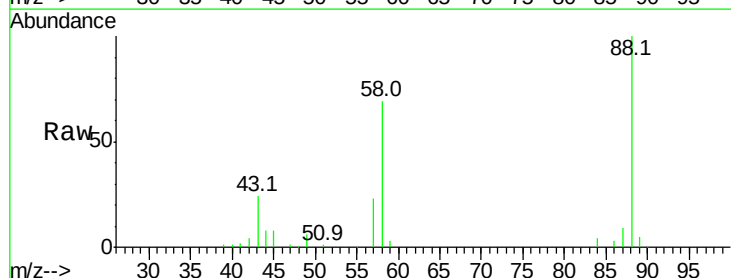
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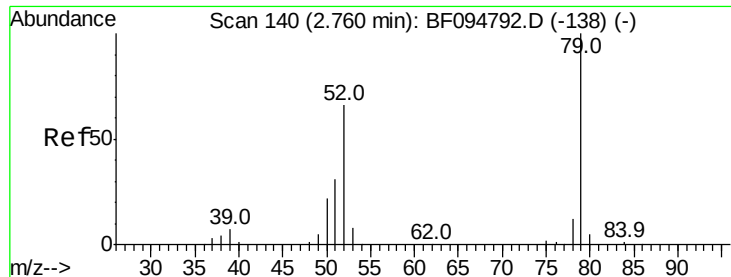


#2

1,4-Dioxane
 Concen: 35.70 ng
 RT: 2.18 min Scan# 42
 Delta R.T. -0.05 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	61.4	92.0
43	26.1	23.4	35.0





#3

Pvridine

Concen: 37.04 ng

RT: 2.88 min Scan# 161

Delta R.T. -0.04 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

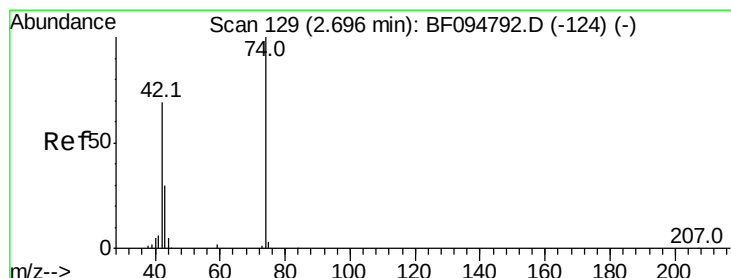
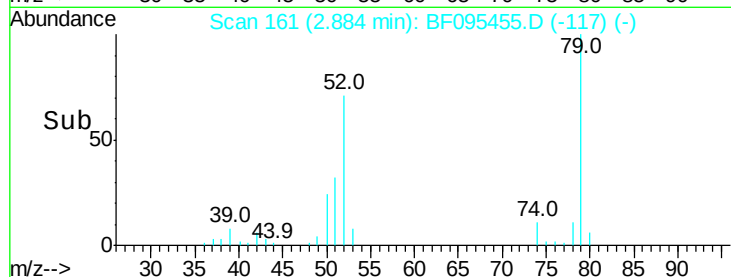
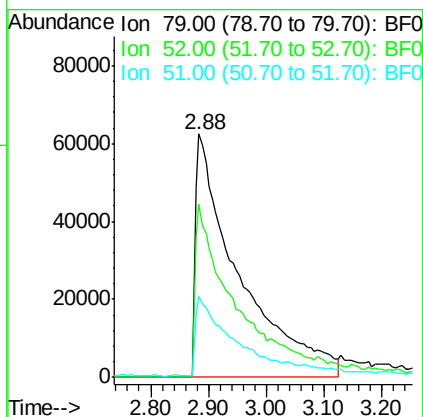
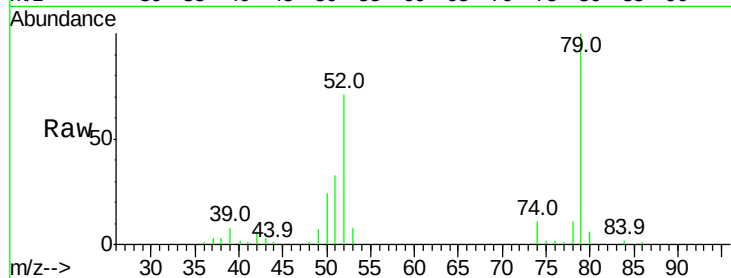
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	325977
Ion Ratio	Lower	Upper	
79	100		
52	71.3	54.8	82.2
51	33.2	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 32.18 ng

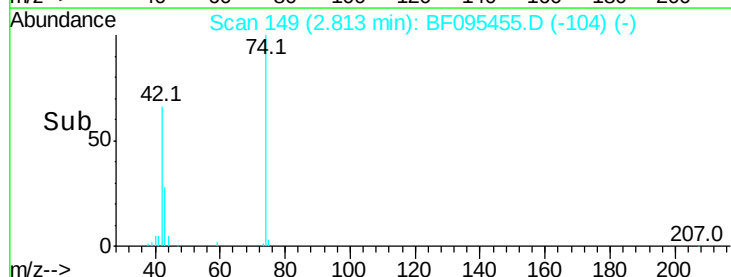
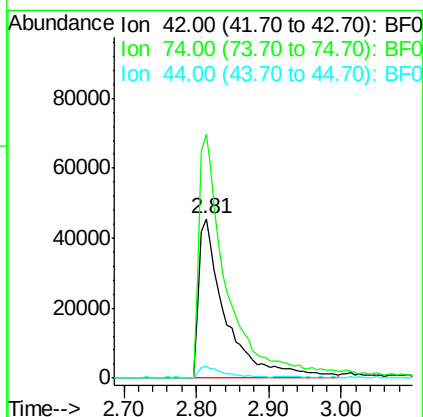
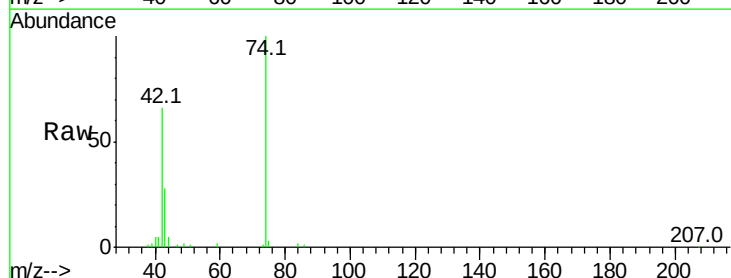
RT: 2.81 min Scan# 149

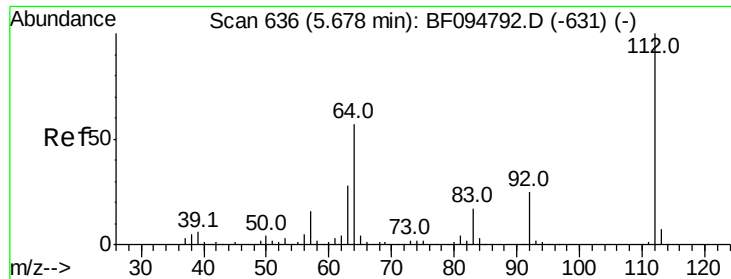
Delta R.T. -0.04 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	42	Resp:	118052
Ion Ratio	Lower	Upper	
42	100		
74	152.5	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 78.91 ng

RT: 5.71 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

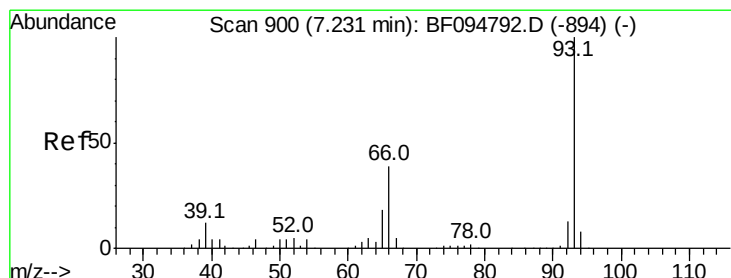
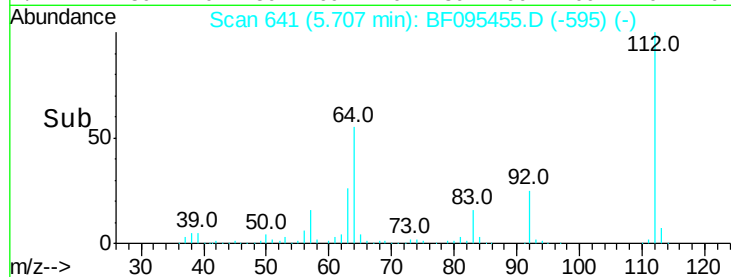
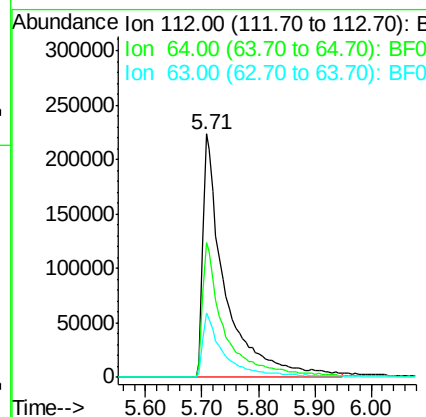
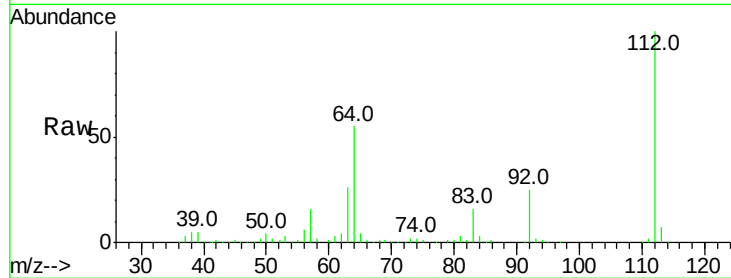
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	611043
Ion Ratio	Lower	Upper	
112	100		
64	55.3	46.0	69.0
63	26.4	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 41.87 ng

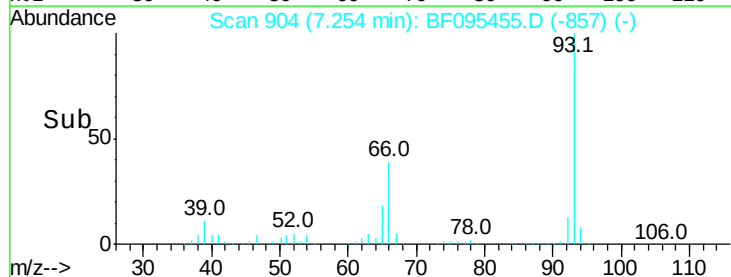
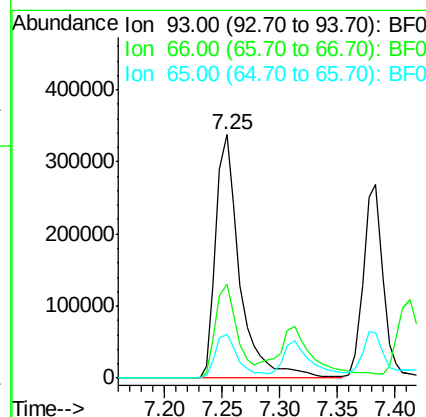
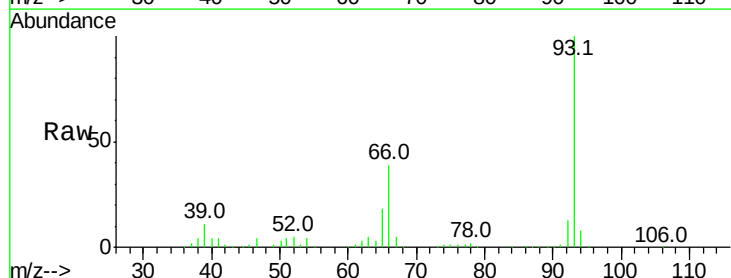
RT: 7.25 min Scan# 904

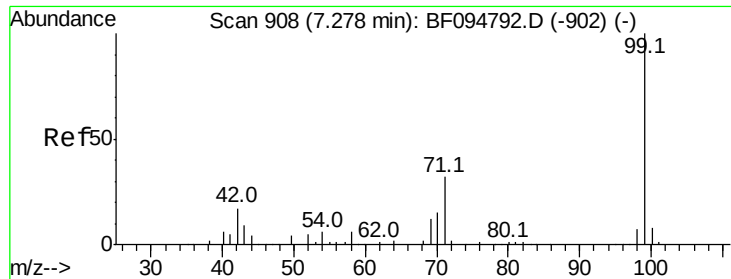
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	93	Resp:	491137
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.9	49.3
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 79.30 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

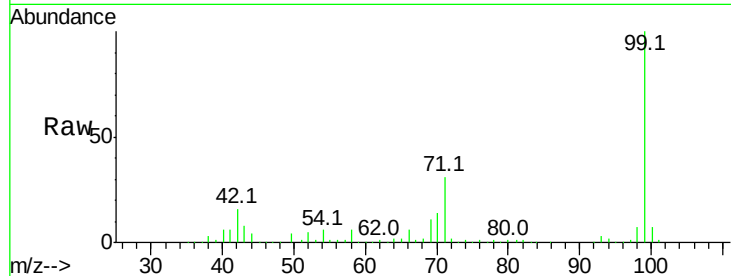
ClientSampleId :

SSTDCCC040

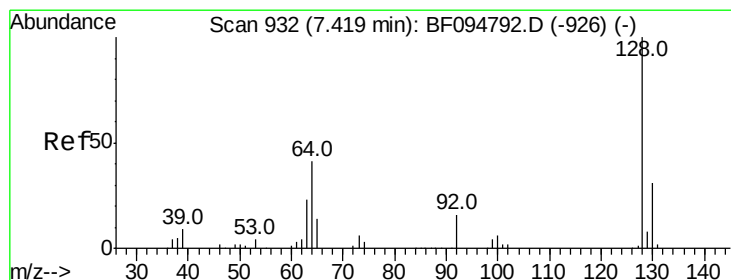
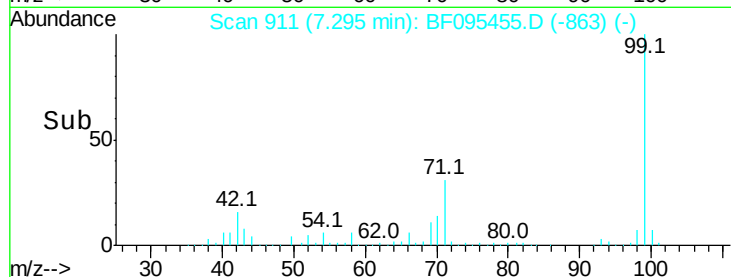
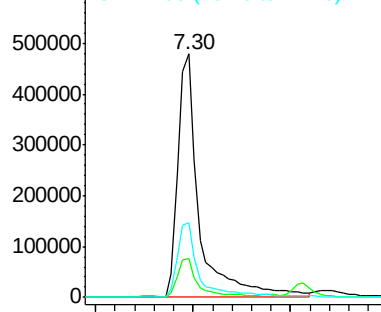
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		736710		
42	15.7	13.5	20.3		
71	30.9	24.5	36.7		

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.30 ng

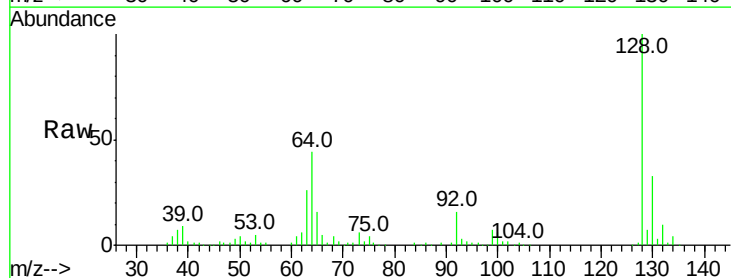
RT: 7.44 min Scan# 936

Delta R.T. -0.02 min

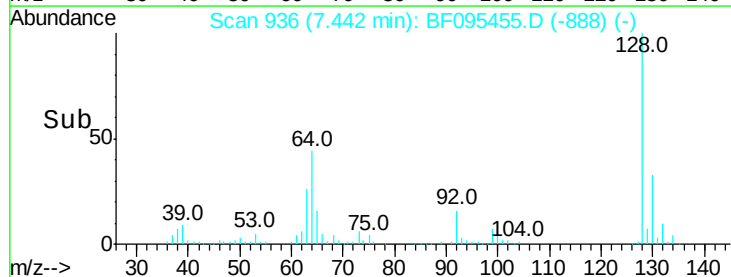
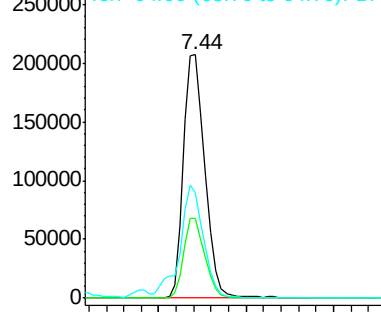
Lab File: BF095455.D

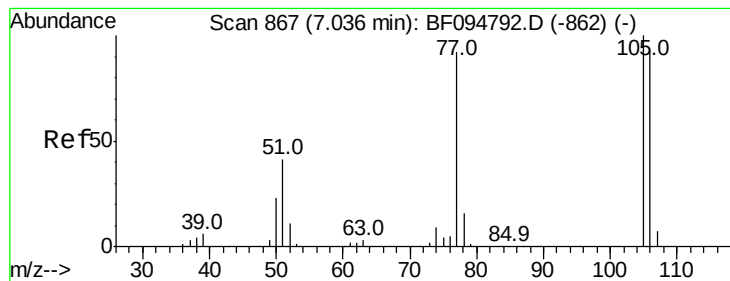
Acq: 26 May 2017 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		355169		
130	32.7	12.9	52.9		
64	43.5	28.4	68.4		



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): BF0





#9

Benzaldehyde

Concen: 32.82 ng

RT: 7.07 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

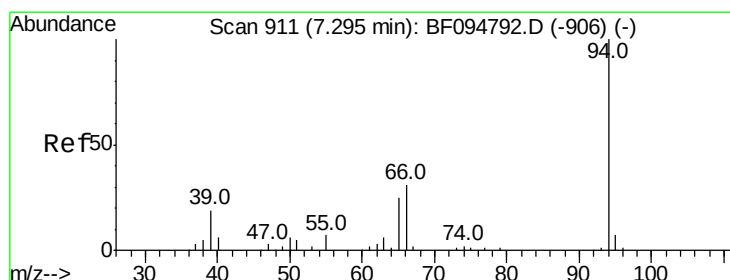
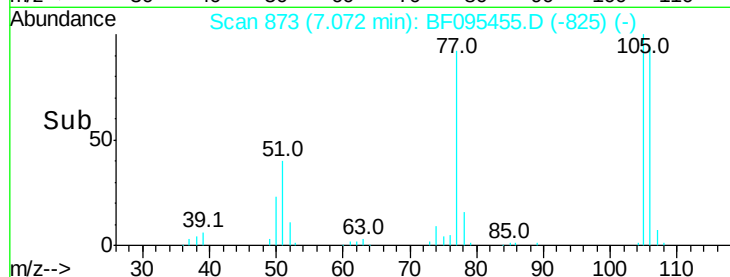
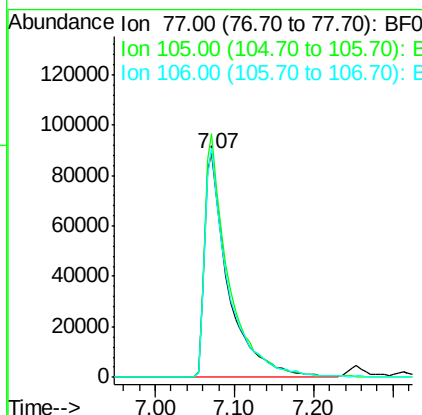
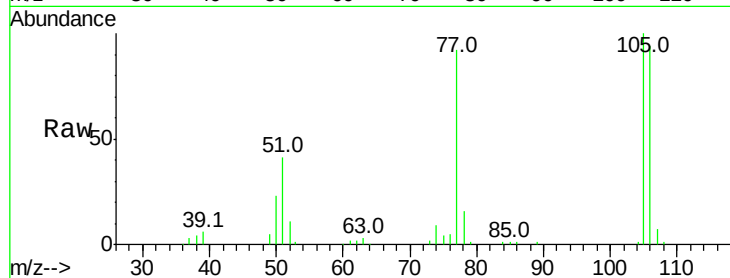
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	186212
Ion	Ratio	Lower	Upper
77	100		
105	108.8	83.8	123.8
106	102.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 35.12 ng

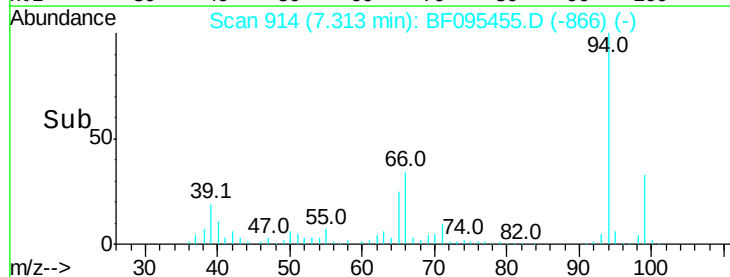
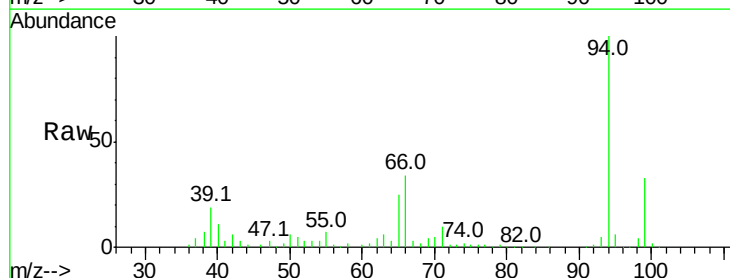
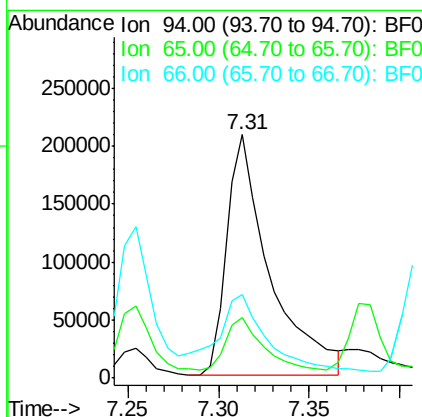
RT: 7.31 min Scan# 914

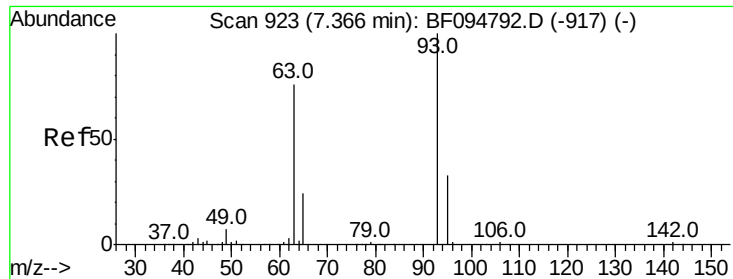
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	94	Resp:	343873
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	34.5	23.1	63.1





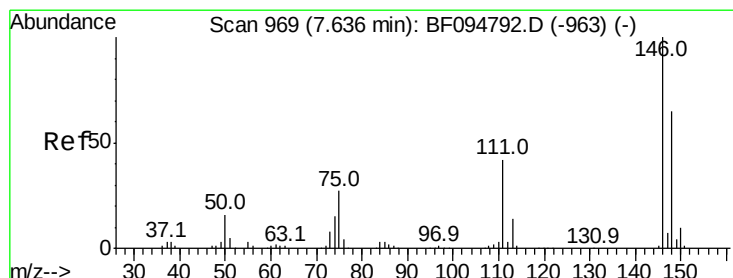
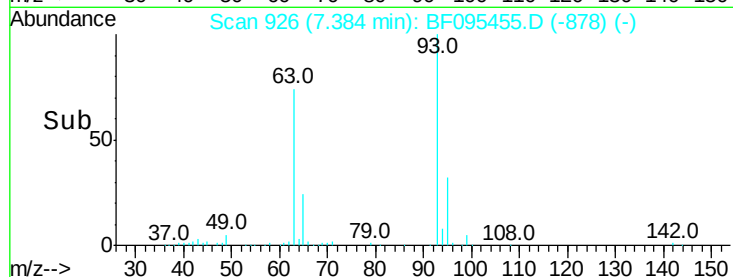
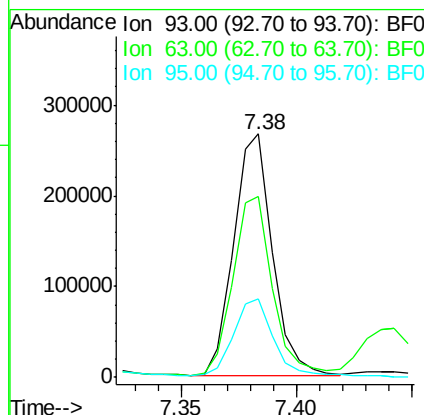
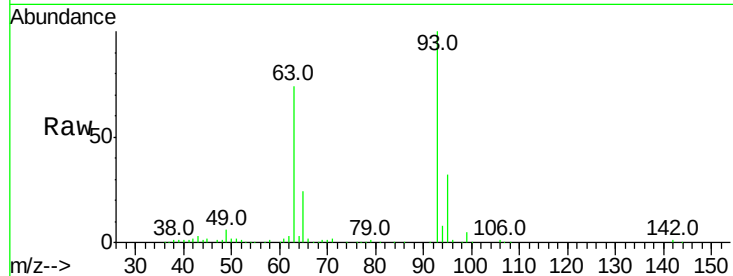
#11
bis(2-Chloroethyl)ether
Concen: 38.52 ng
RT: 7.38 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	311298
Ion Ratio	100	Lower	Upper
93	100		
63	74.1	59.2	99.2
95	32.3	12.8	52.8

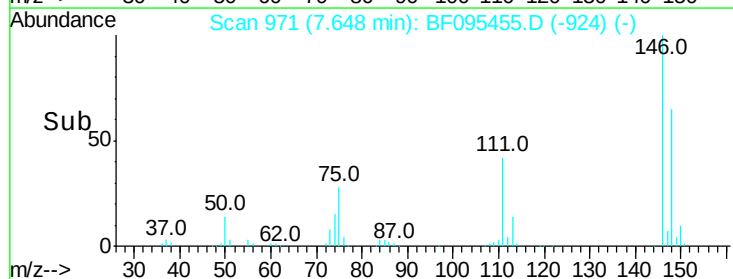
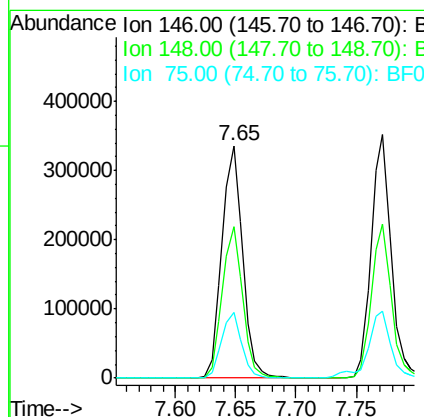
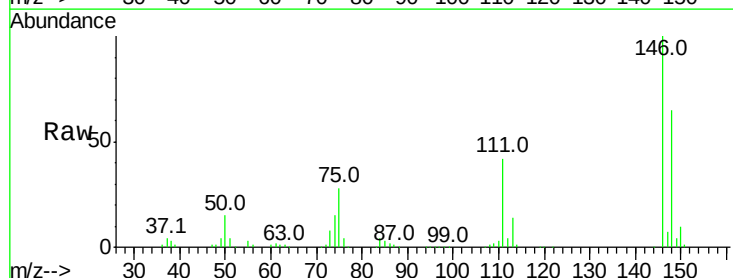
Manual Integrations
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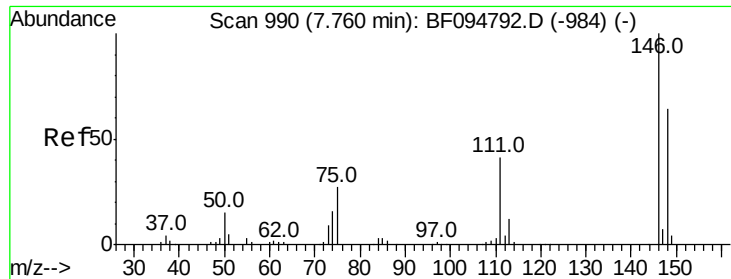
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.84 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	146	Resp	398337
Ion Ratio	100	Lower	Upper
146	100		
148	65.2	51.8	77.6
75	28.4	23.1	34.7





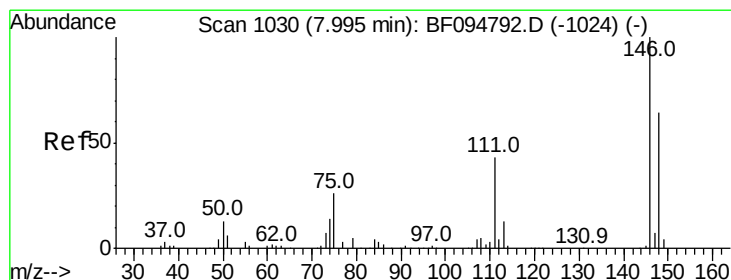
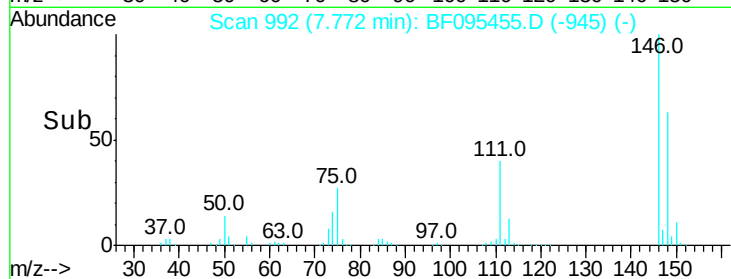
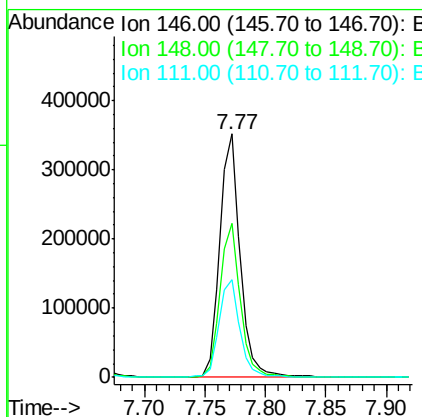
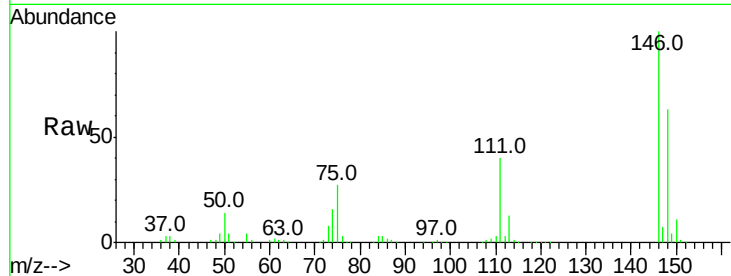
#13
1,4-Dichlorobenzene
Concen: 40.18 ng
RT: 7.77 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	40.3	30.3	45.5

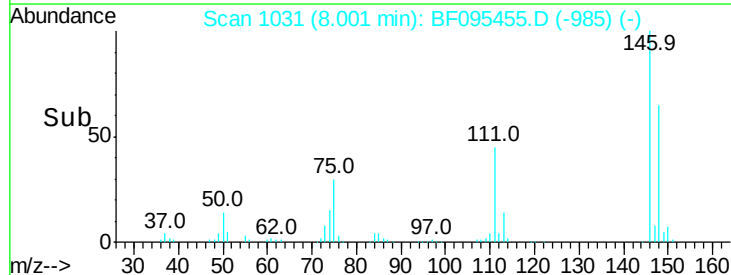
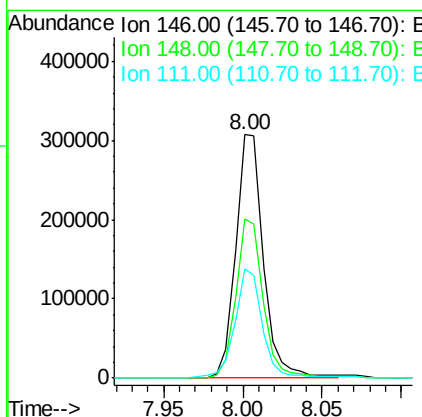
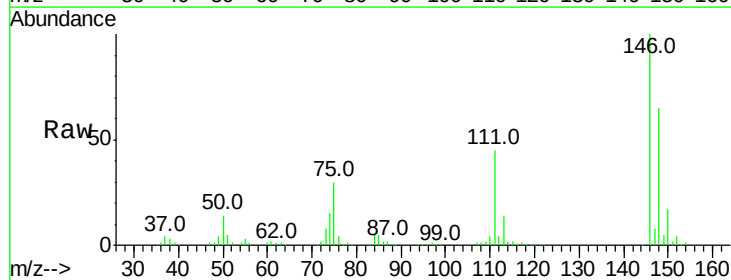
Manual Integrations
APPROVED

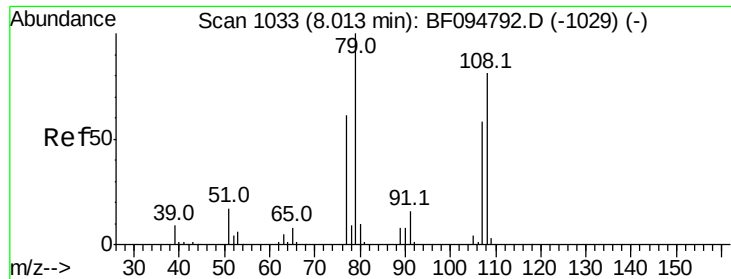
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#14
1,2-Dichlorobenzene
Concen: 39.31 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	44.7	38.2	57.4





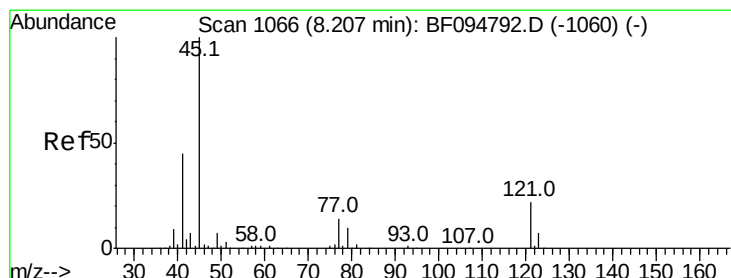
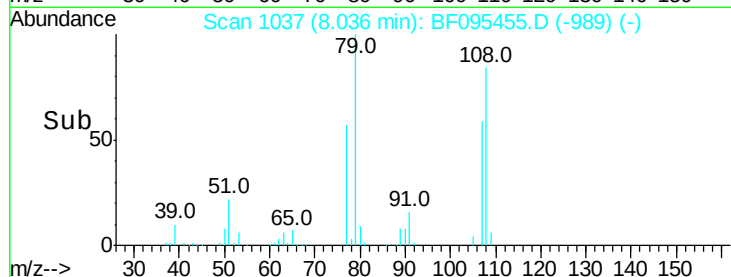
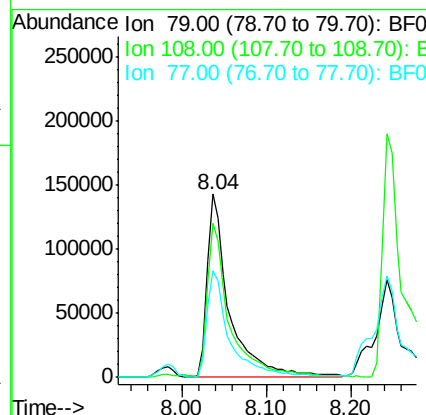
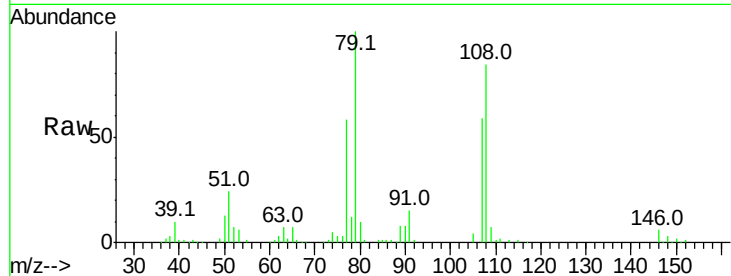
#15
Benzyl Alcohol
Concen: 44.11 ng
RT: 8.04 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:	79	Resp:	263565
Ion Ratio	Lower	Upper	
79	100		
108	83.8	63.4	95.0
77	58.0	49.2	73.8

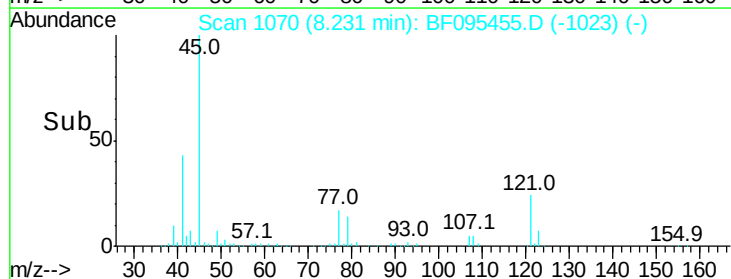
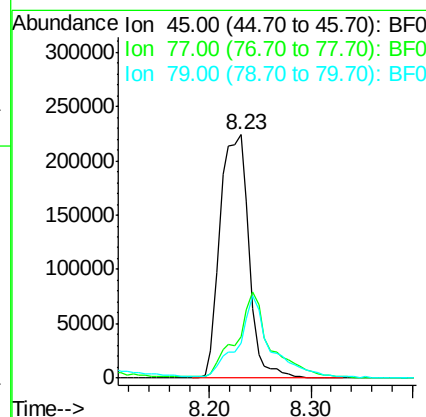
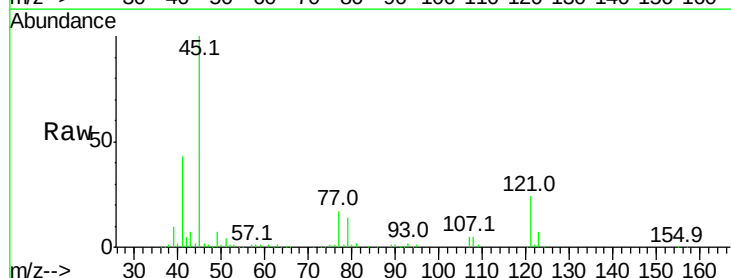
Manual Integrations
APPROVED

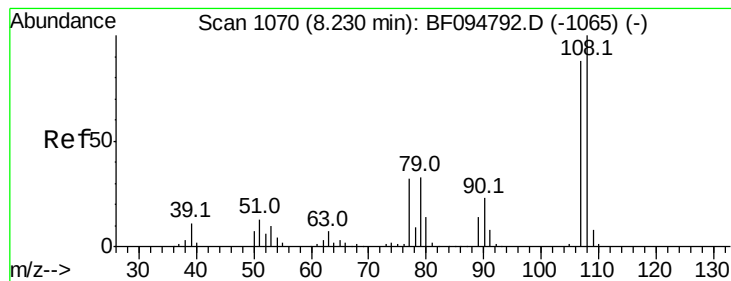
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.80 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion:	45	Resp:	443840
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	33.2
79	14.4	0.0	30.0





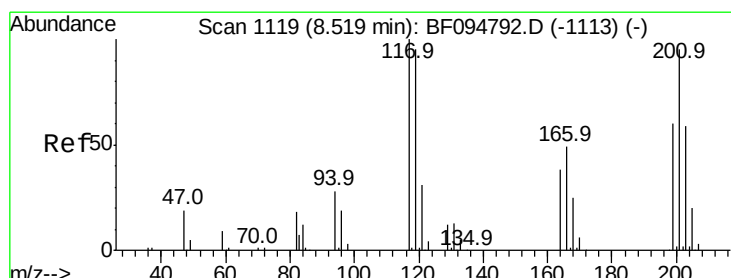
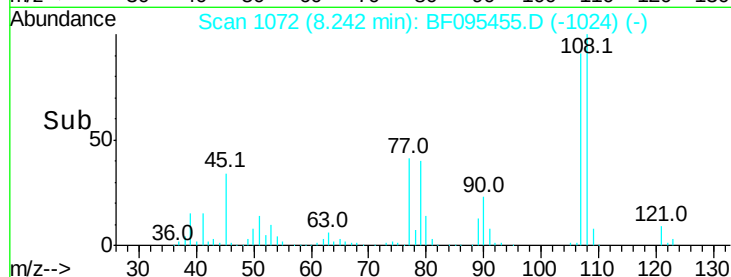
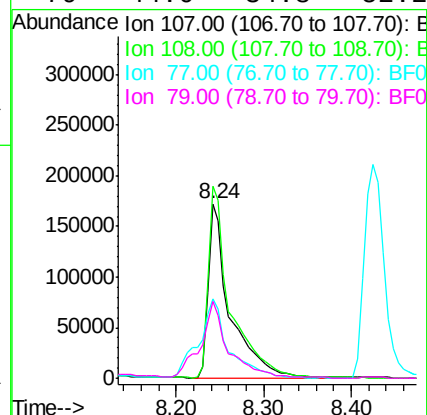
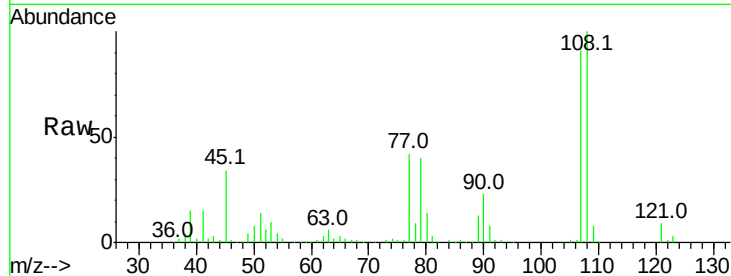
#17
2-Methylphenol
Concen: 40.91 ng
RT: 8.24 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	295043		
108	110.3	93.4	140.0		
77	45.8	35.8	53.6		
79	44.0	34.8	52.2		

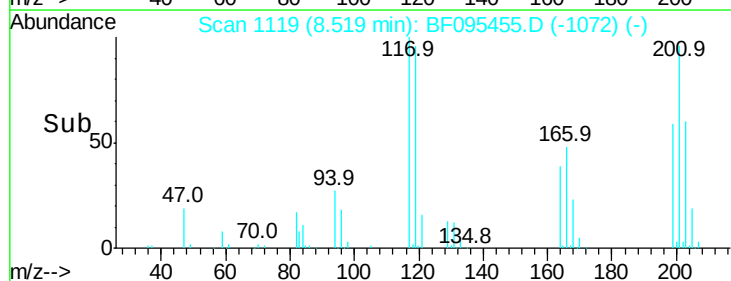
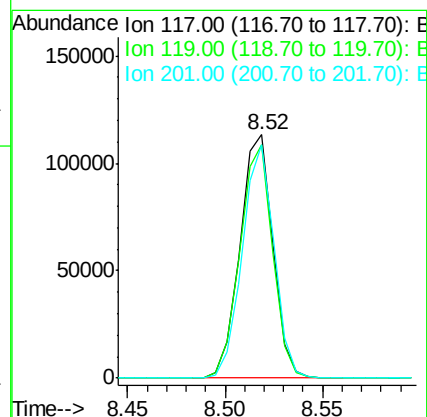
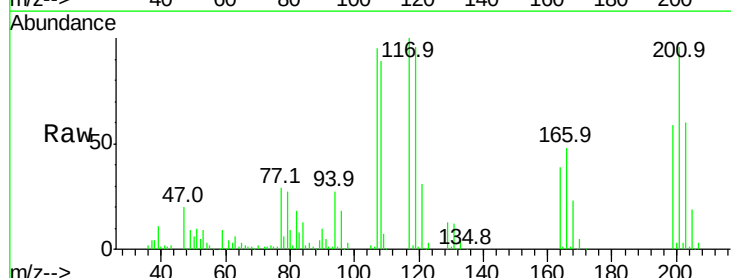
Manual Integrations
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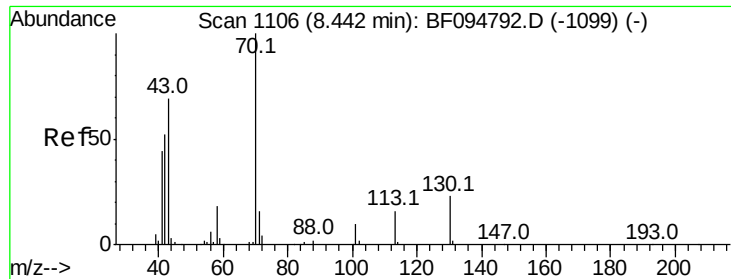
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#18
Hexachloroethane
Concen: 38.47 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	132125		
119	95.6	77.4	116.0		
201	95.9	94.6	141.8		





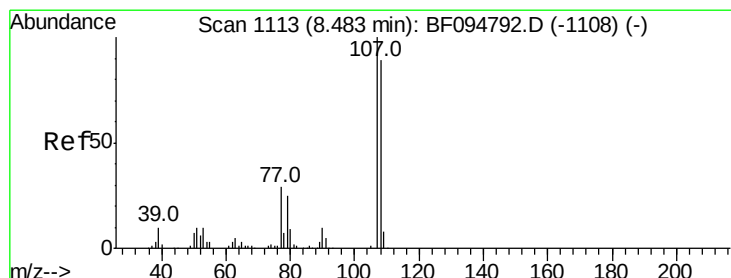
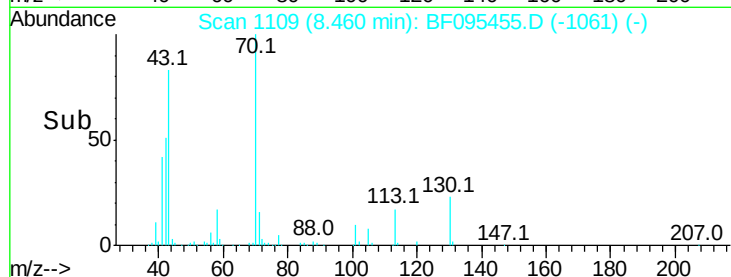
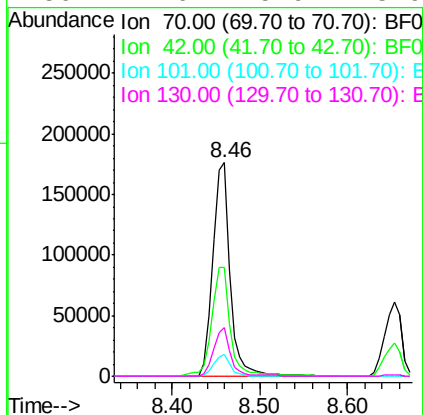
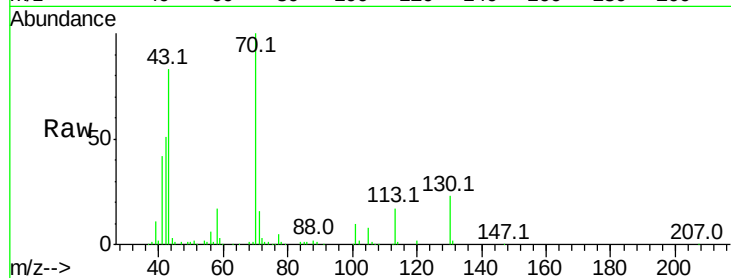
#19
n-Nitroso-di-n-propylamine
Concen: 38.84 ng
RT: 8.46 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.9	47.2	70.8	
101	10.1	7.2	10.8	
130	22.6	15.9	23.9	

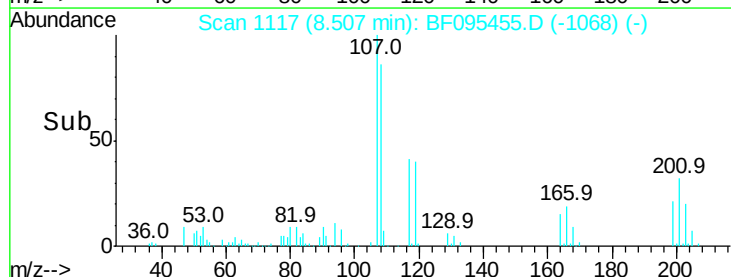
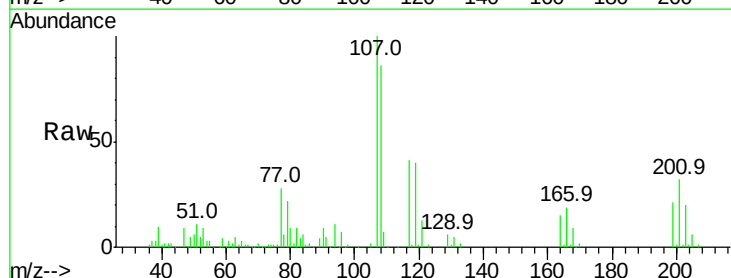
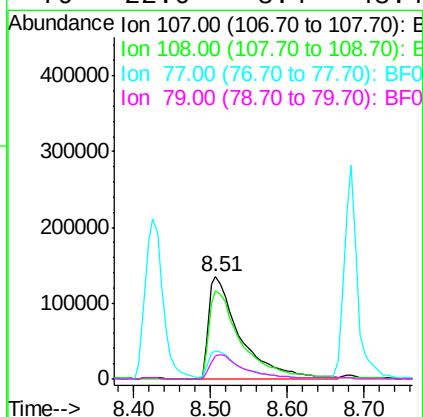
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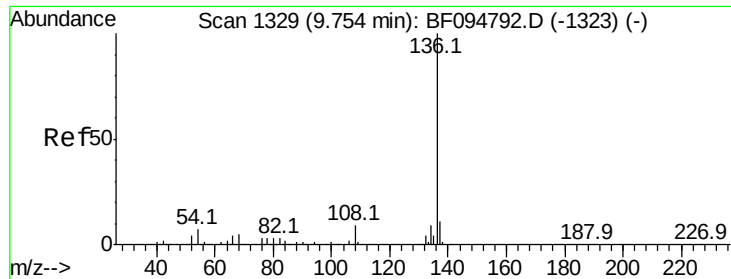
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#20
3+4-Methylphenols
Concen: 38.88 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	71.0	111.0	
77	28.1	90.5	130.5#	
79	22.0	8.4	48.4	





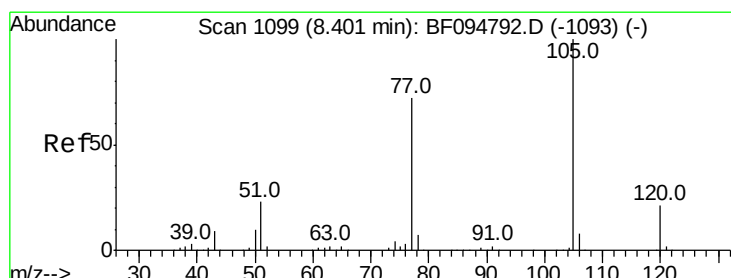
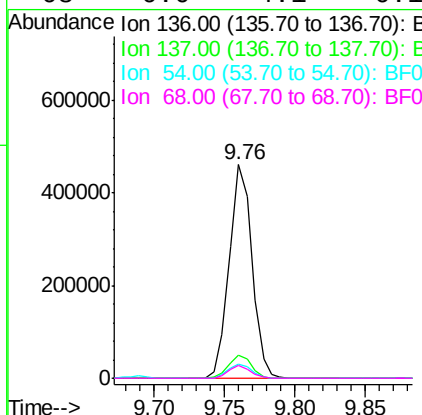
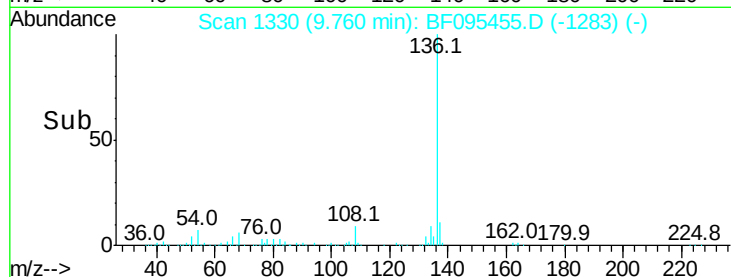
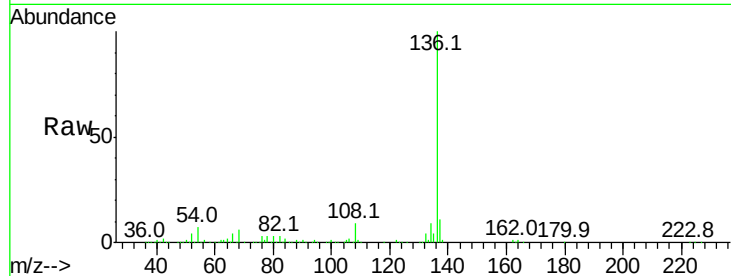
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	519414		
137	11.1		8.5	12.7
54	6.8		4.9	7.3
68	6.0		4.1	6.1

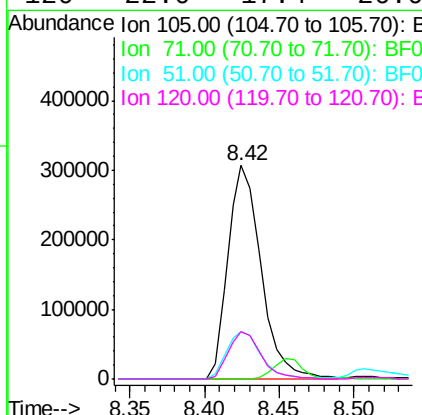
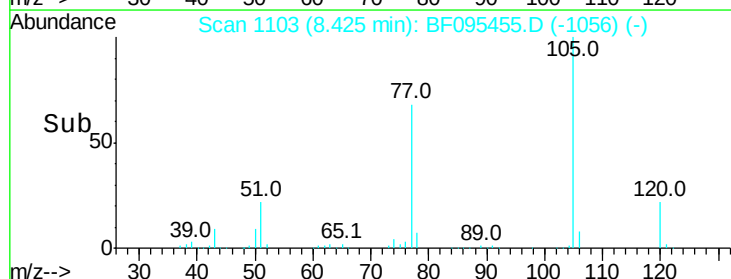
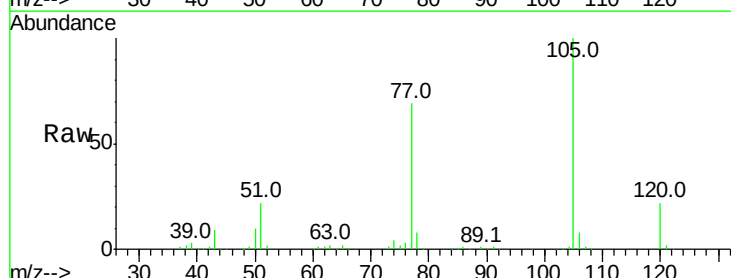
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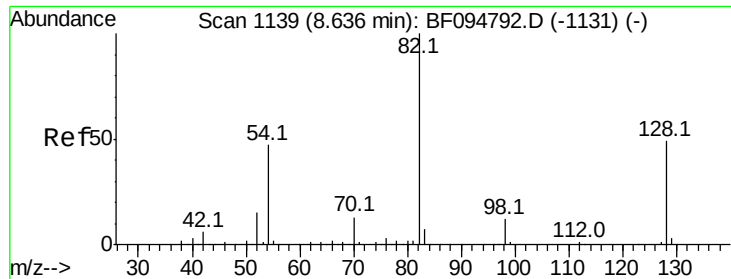
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#22
Acetophenone
Concen: 38.56 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	480518		
71	0.0		2.8	4.2#
51	22.4		30.7	46.1#
120	22.0		17.4	26.0





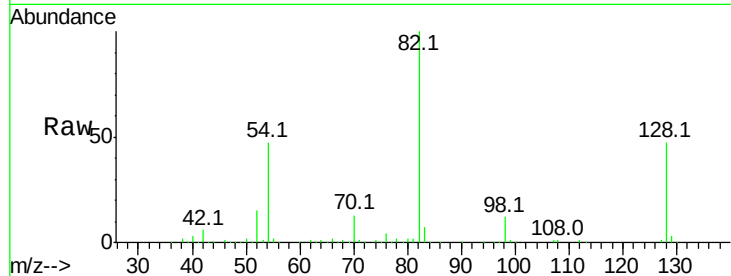
#23
Nitrobenzene-d5
Concen: 77.99 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

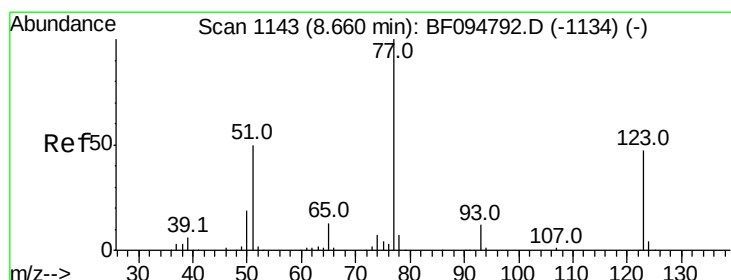
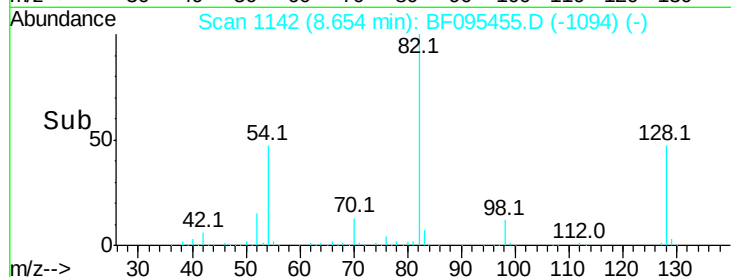
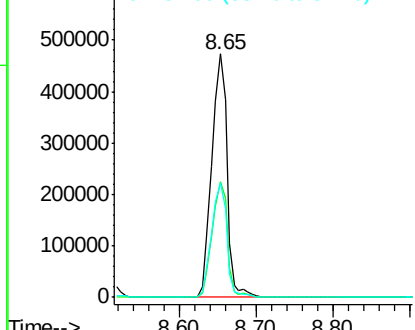
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	47.2	42.2	63.2

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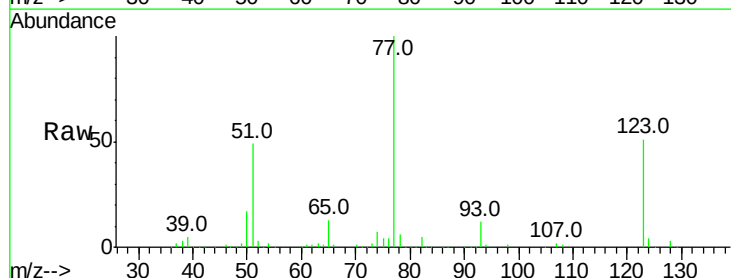


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

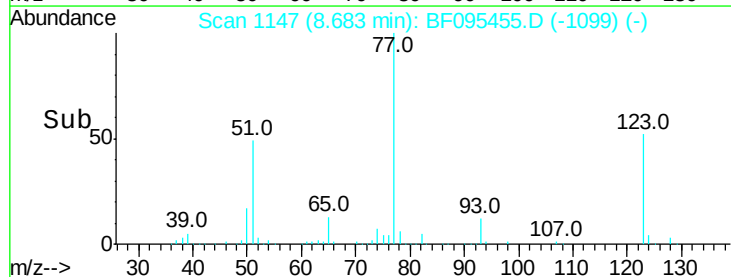
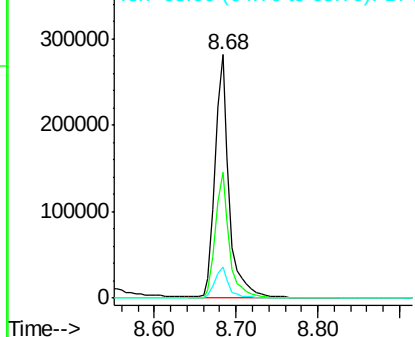


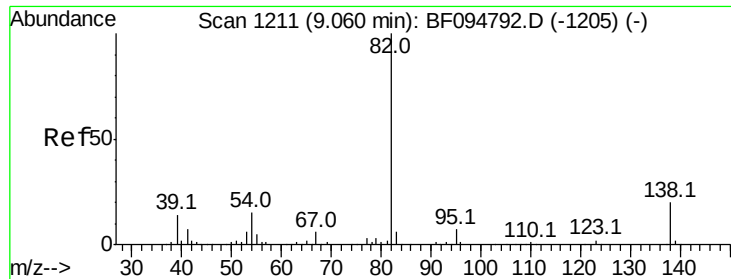
#24
Nitrobenzene
Concen: 39.08 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	35.8	53.8
65	12.6	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.70 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

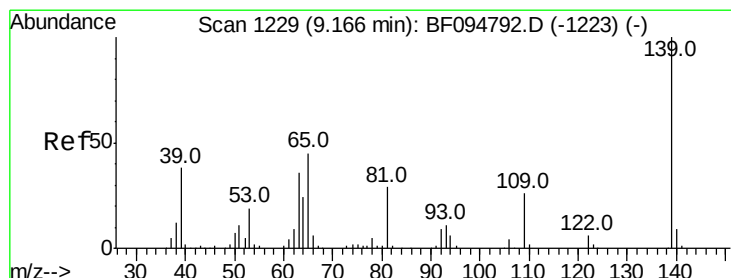
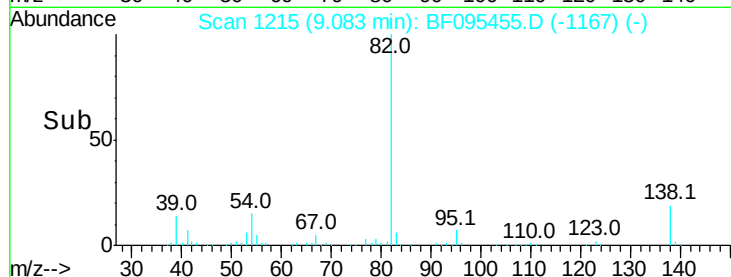
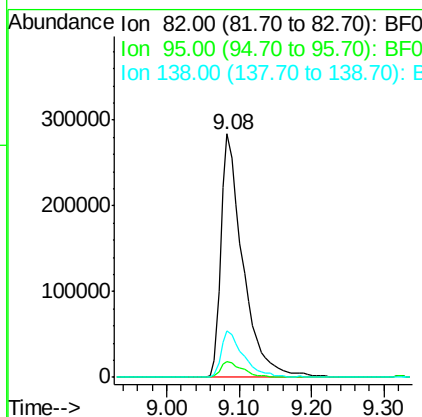
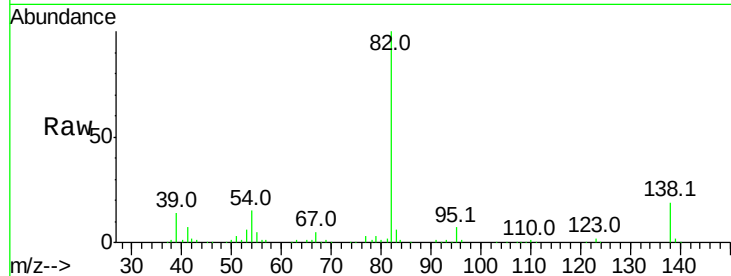
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	598626
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.1	13.1	19.7

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#26

2-Nitrophenol

Concen: 42.36 ng

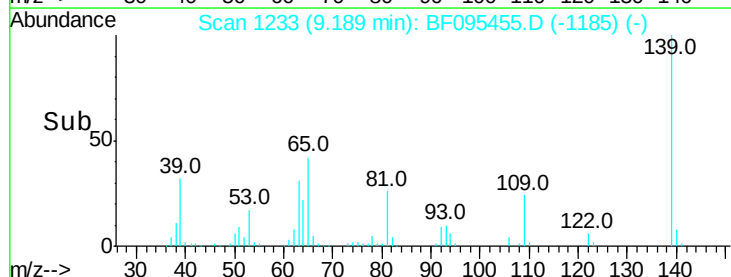
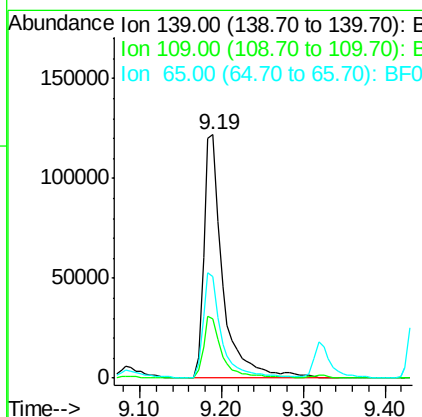
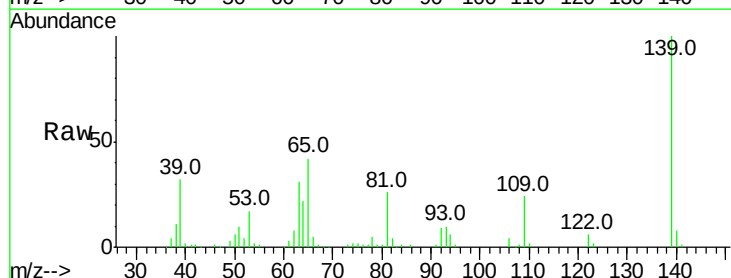
RT: 9.19 min Scan# 1233

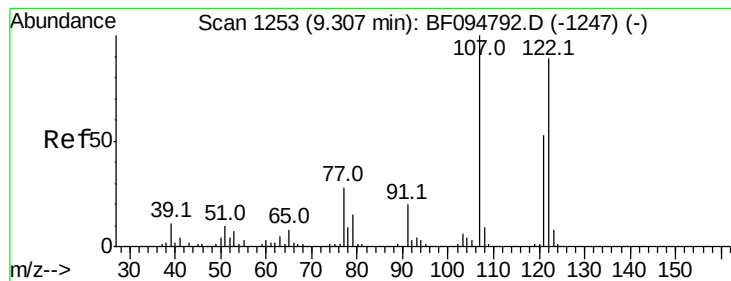
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	139	Resp:	197342
Ion Ratio	Lower	Upper	
139	100		
109	24.5	21.0	31.6
65	41.8	33.0	49.6





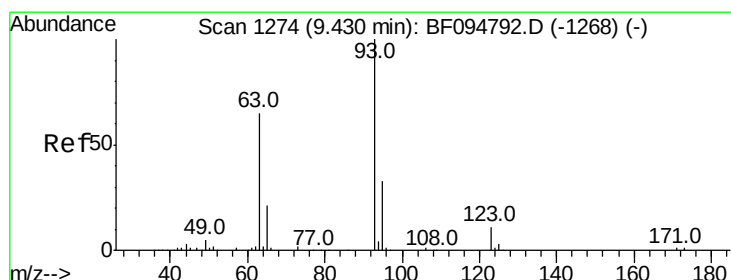
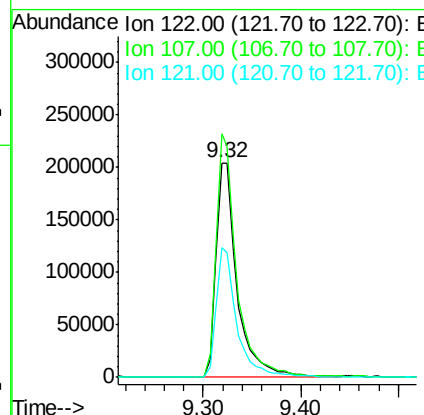
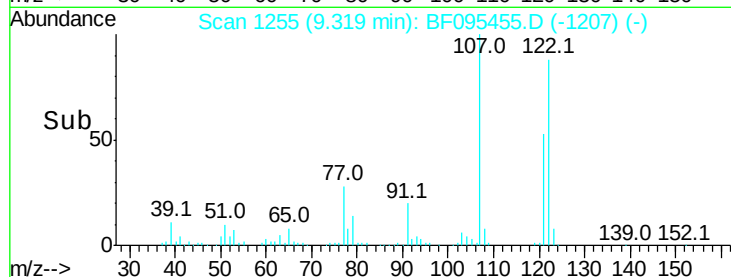
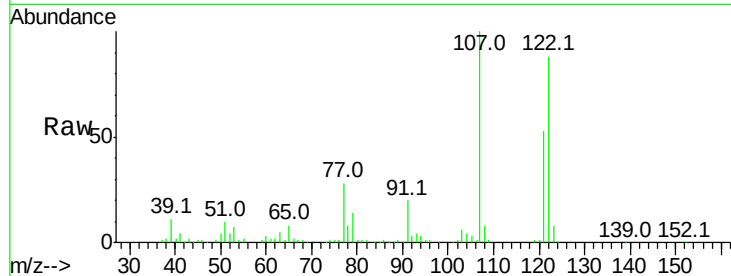
#27
 2,4-Dimethylphenol
 Concen: 40.86 ng
 RT: 9.32 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	307742		
107	113.3	89.2	133.8	
121	60.2	45.2	67.8	

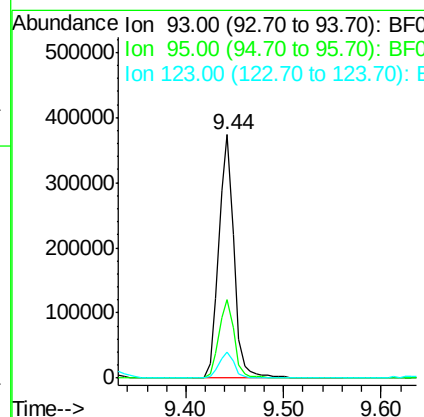
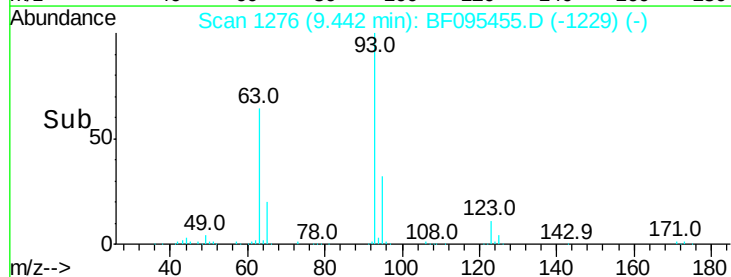
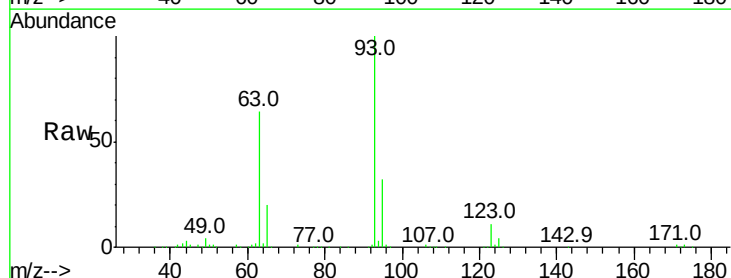
Manual Integrations
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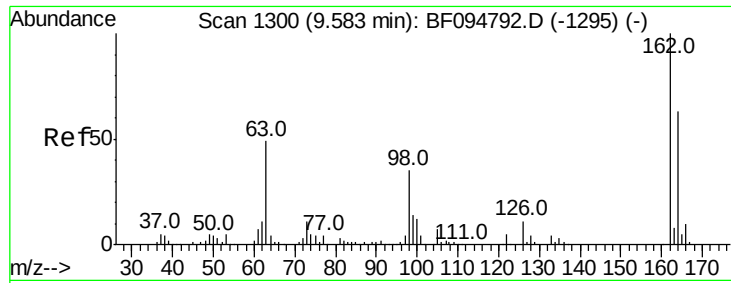
mohammad
 5/30/2017 1:35:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.95 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406505		
95	32.3	26.5	39.7	
123	10.7	9.0	13.4	





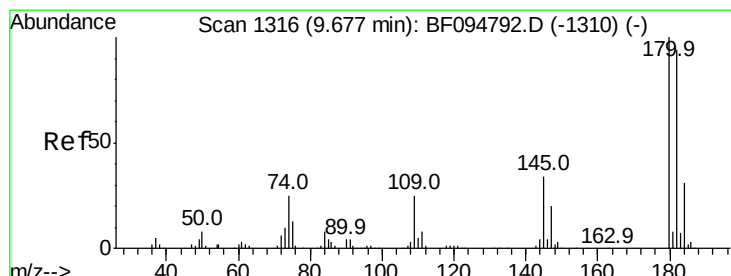
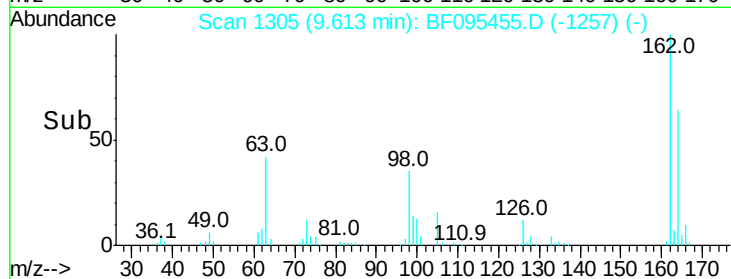
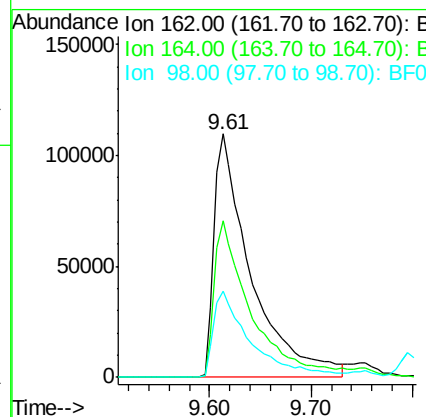
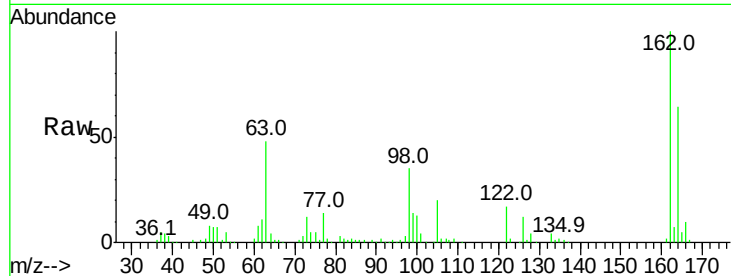
#29
 2,4-Dichlorophenol
 Concen: 38.92 ng
 RT: 9.61 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	44.6	84.6
98	35.2	14.8	54.8

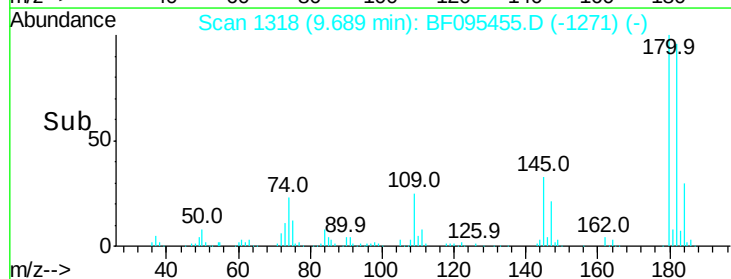
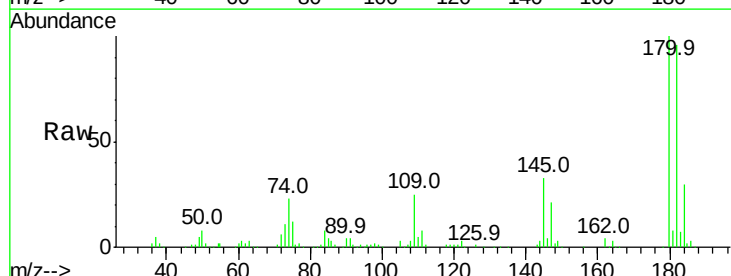
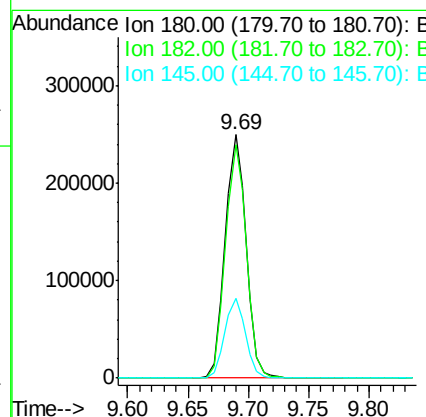
Manual Integrations
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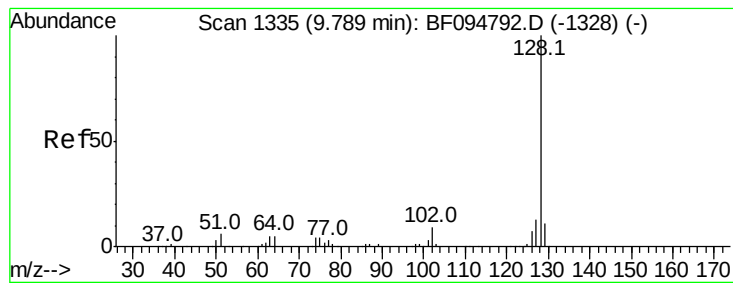
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.30 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	75.8	113.6
145	32.9	25.3	37.9





#31

Naphthalene

Concen: 38.41 ng

RT: 9.80 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1002665

Ion Ratio Lower Upper

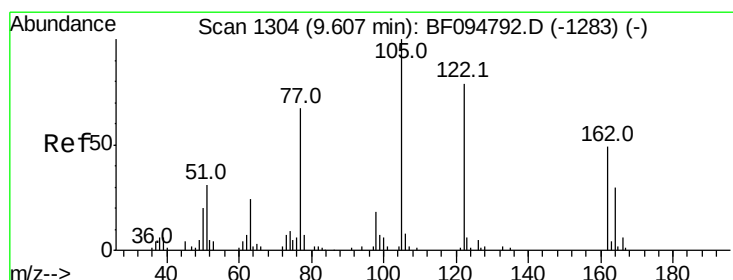
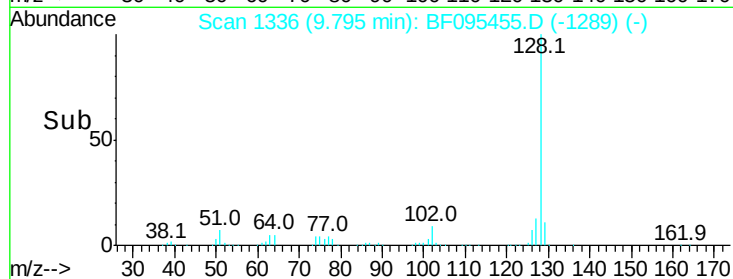
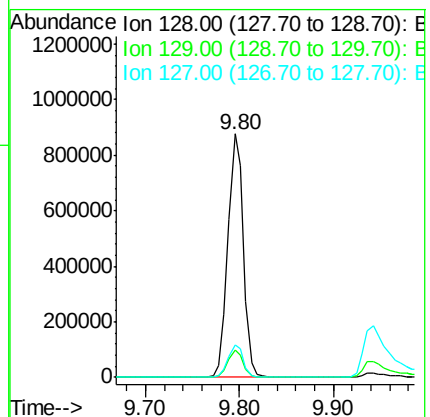
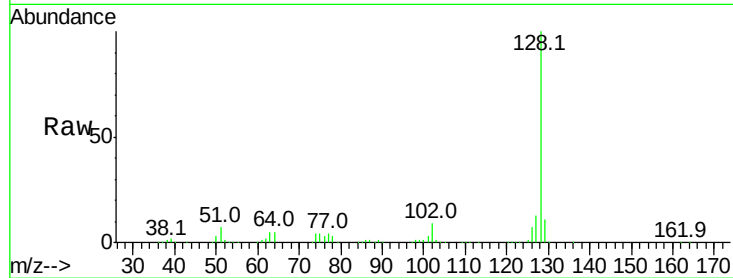
128 100

129 11.3 9.0 13.6

127 13.2 10.8 16.2

Manual Integrations
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#32

Benzoic acid

Concen: 35.86 ng

RT: 9.68 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

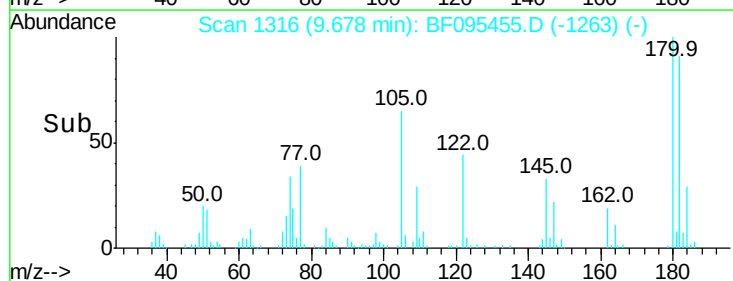
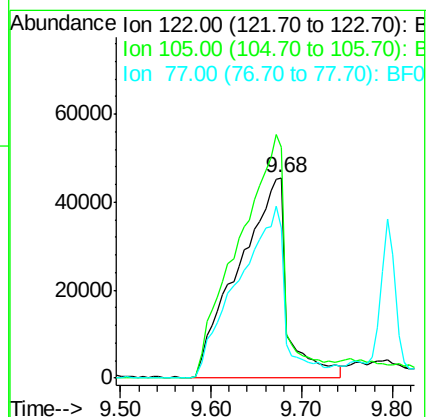
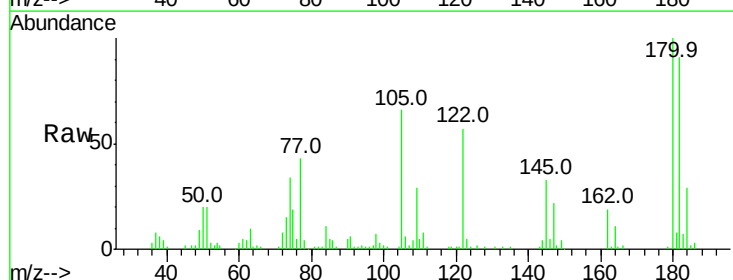
Tgt Ion:122 Resp: 170214

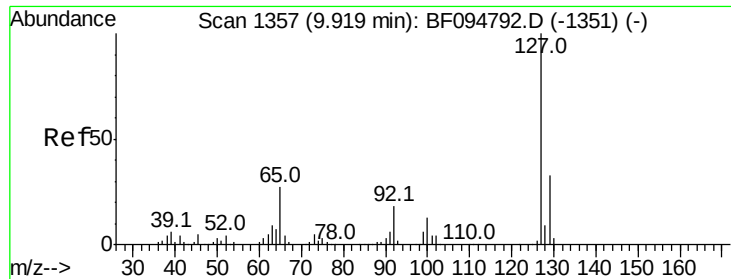
Ion Ratio Lower Upper

122 100

105 115.0 103.3 143.3

77 75.1 73.7 113.7





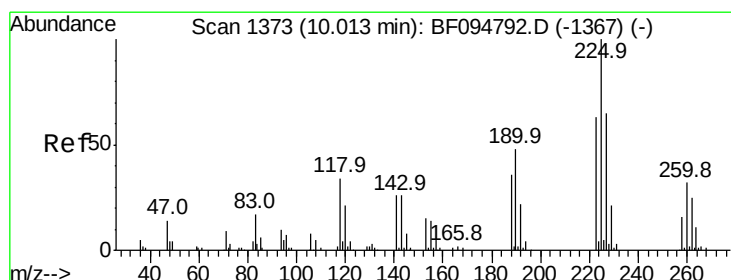
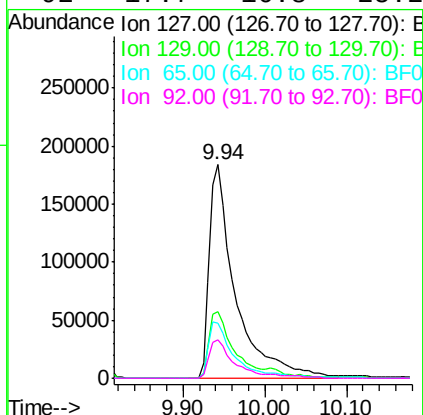
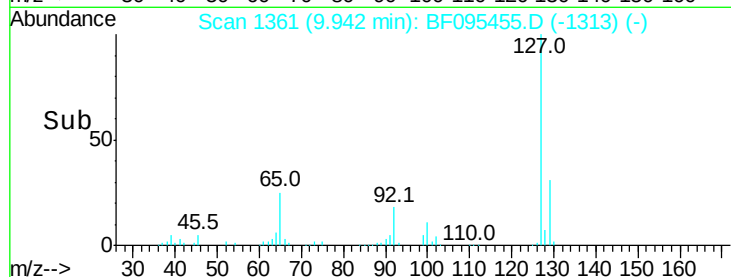
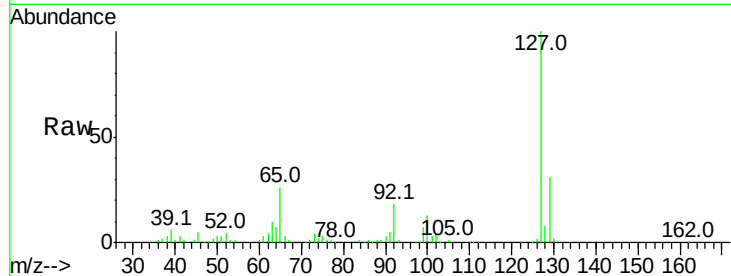
#33
4-Chloroaniline
Concen: 42.09 ng
RT: 9.94 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.2	39.2	
65	25.8	27.8	41.8	
92	17.7	16.8	25.2	

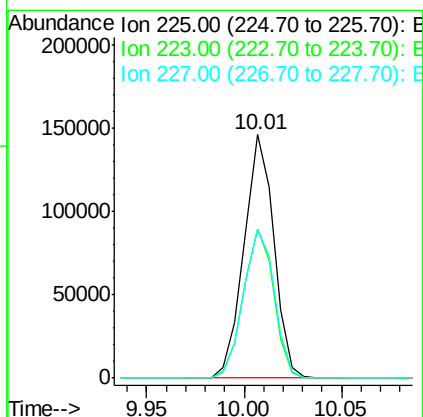
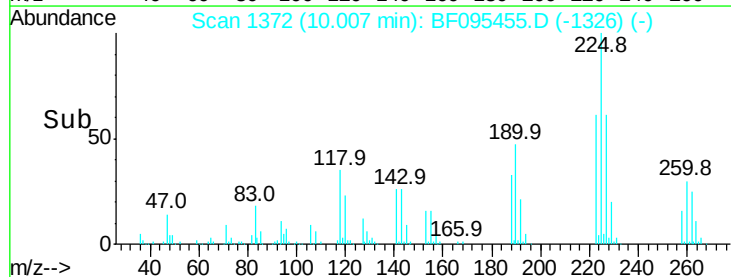
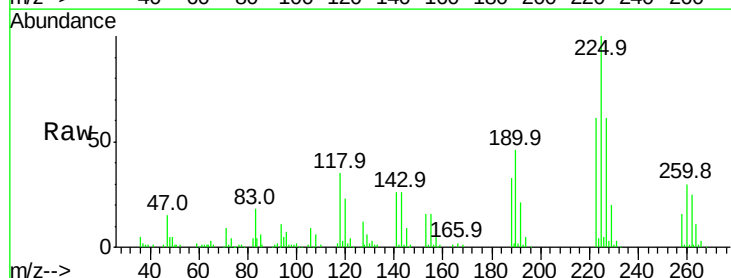
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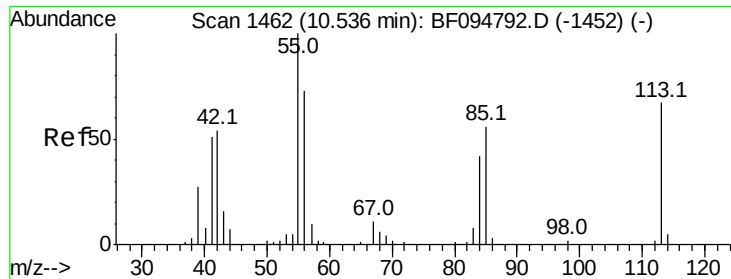
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#34
Hexachlorobutadiene
Concen: 38.62 ng
RT: 10.01 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	48.8	73.2	
227	61.3	51.1	76.7	





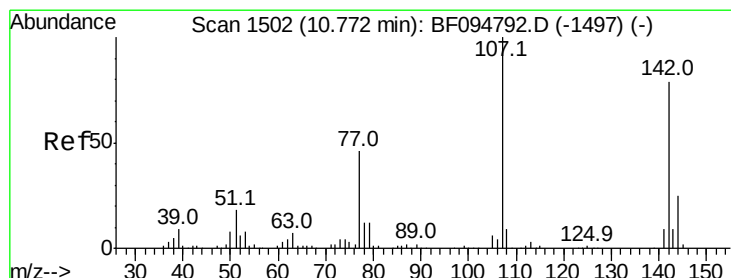
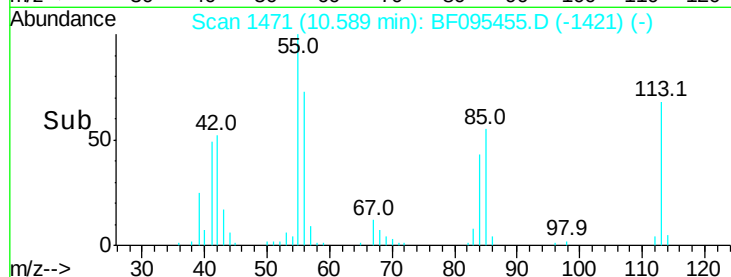
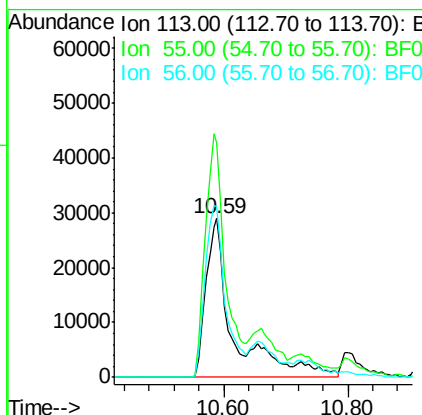
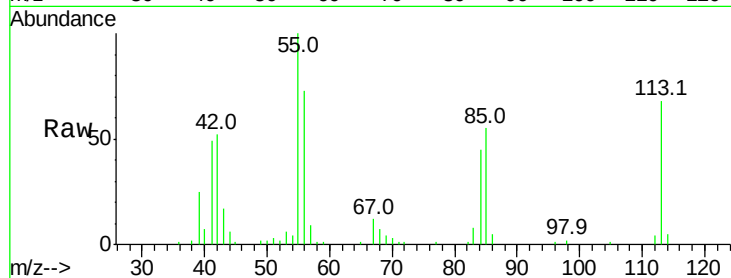
#35
 Caprolactam
 Concen: 41.61 ng/ml
 RT: 10.59 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:113 Resp: 88866
 Ion Ratio Lower Upper
 113 100
 55 147.4 150.2 190.2#
 56 107.4 107.8 147.8#

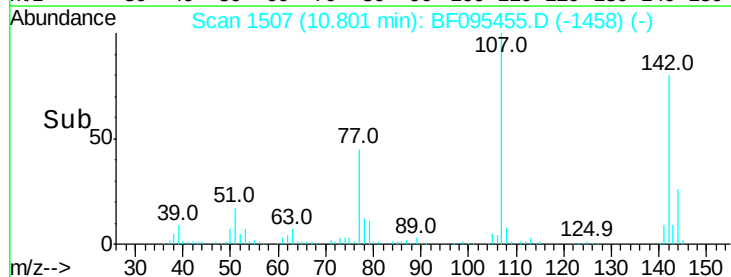
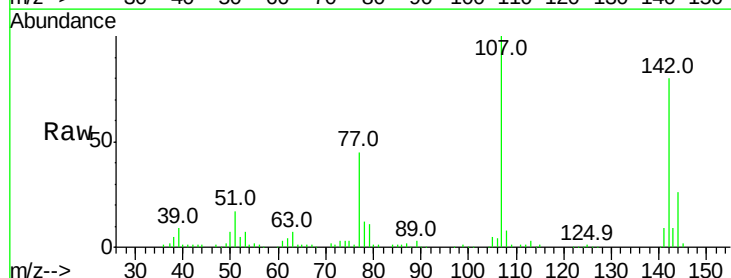
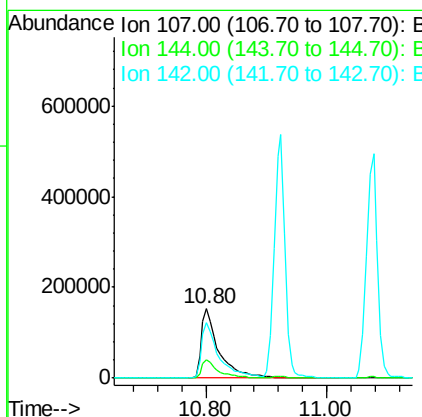
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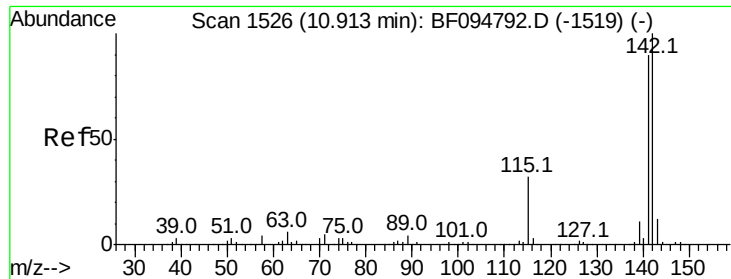
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#36
 4-Chloro-3-methylphenol
 Concen: 41.01 ng/ml
 RT: 10.80 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion:107 Resp: 311855
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 80.4 73.4 110.0





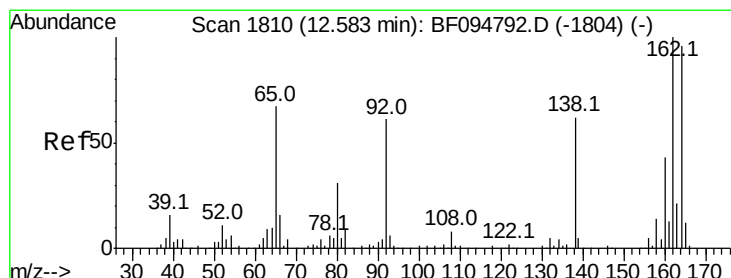
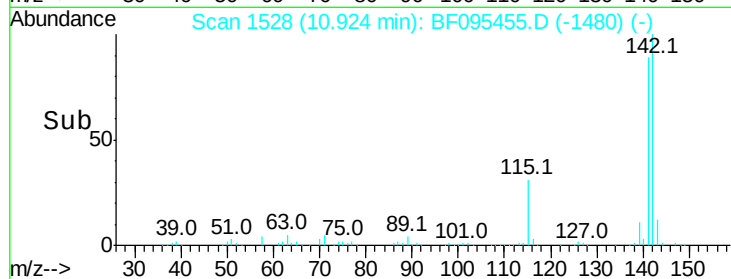
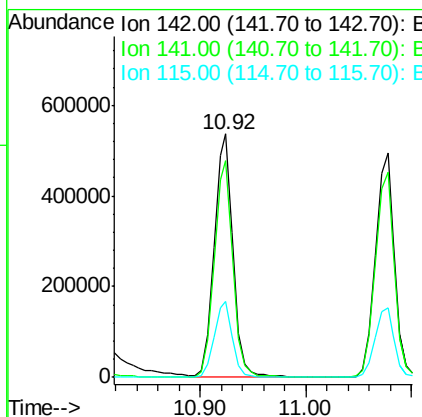
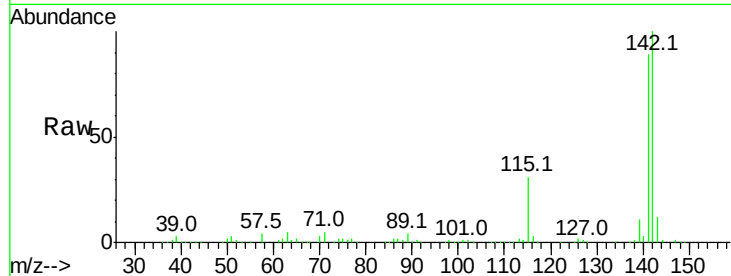
#37
2-Methylnaphthalene
Concen: 39.41 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	31.1	27.1	40.7

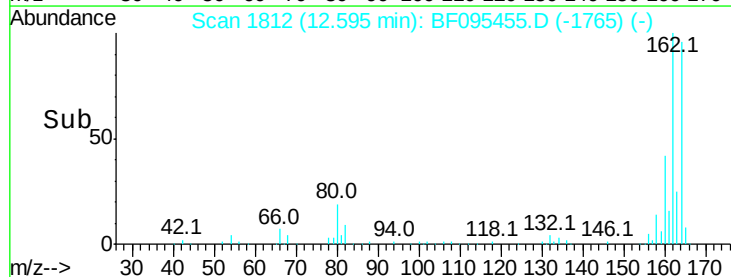
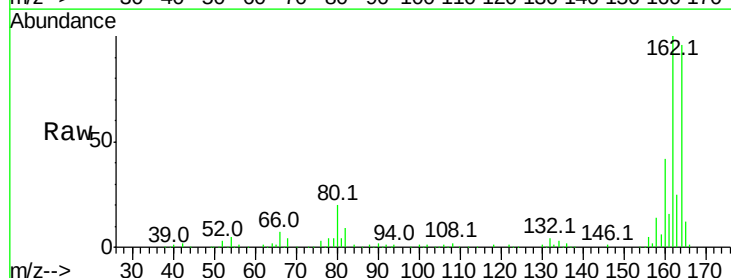
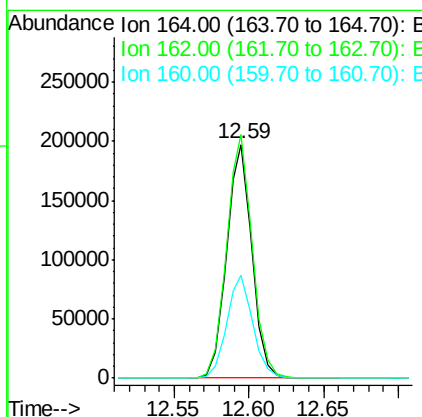
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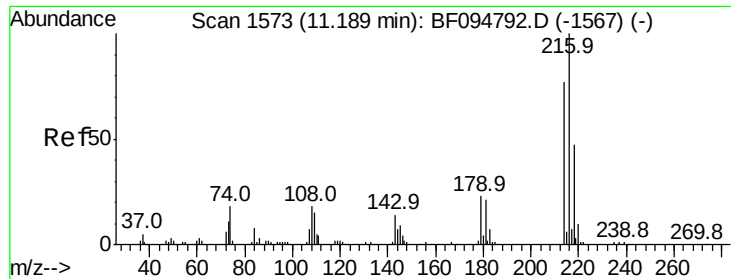
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	43.9	36.2	54.2





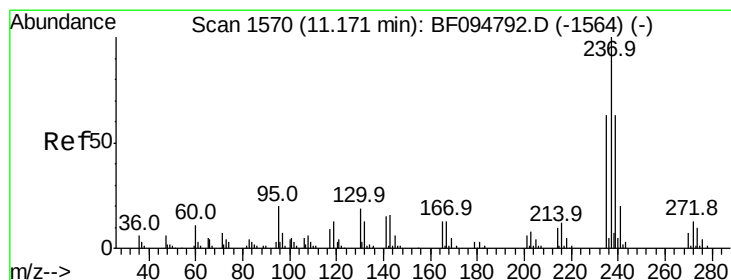
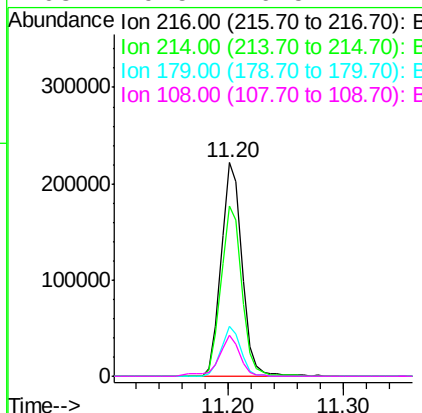
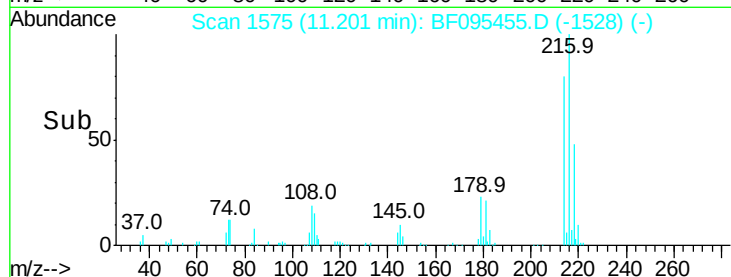
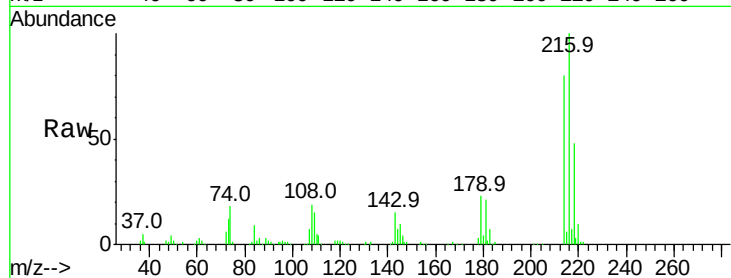
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.62 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	277498		
214	79.7		63.4	95.2
179	22.1		17.9	26.9
108	19.5		16.5	24.7

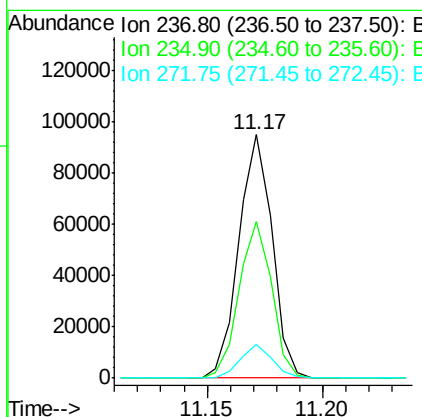
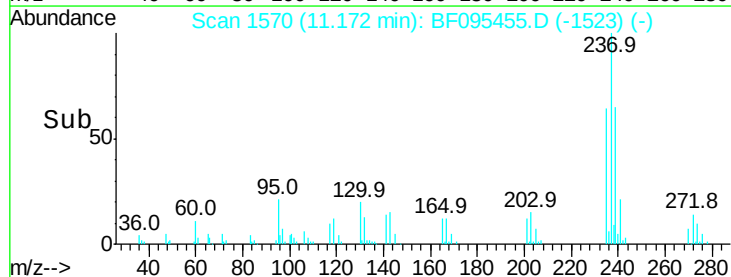
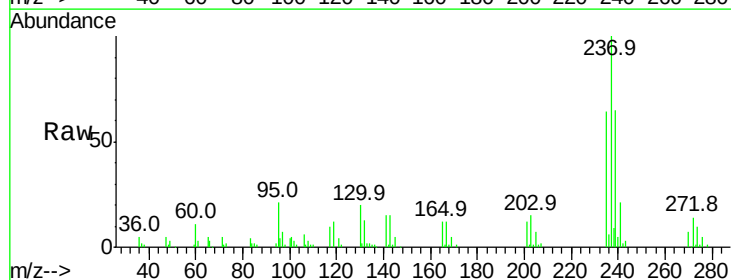
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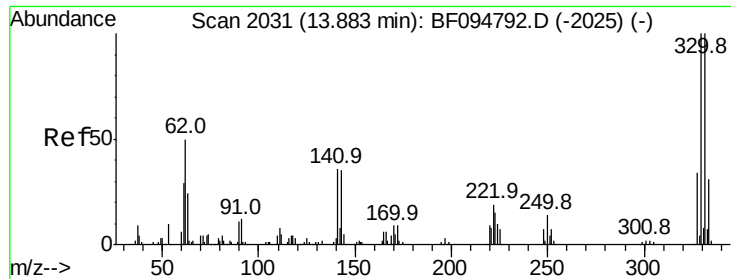
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#40
 Hexachlorocyclopentadiene
 Concen: 35.31 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	95609		
235	64.4		42.6	82.6
272	14.0		0.0	31.9





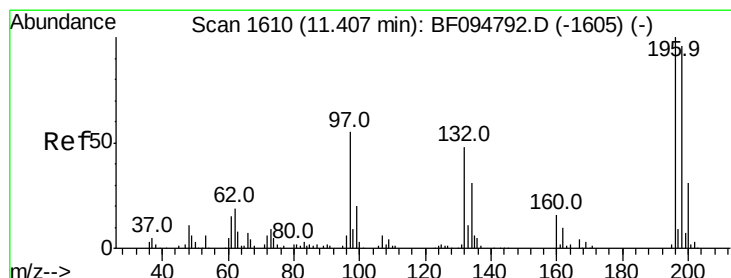
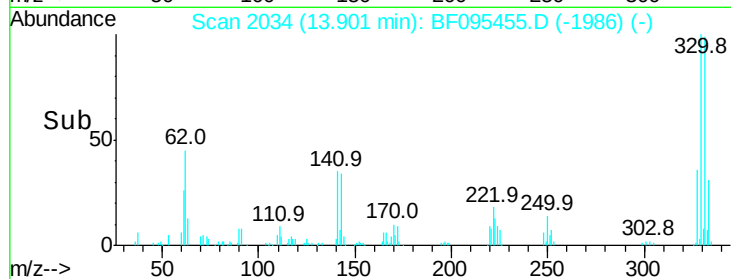
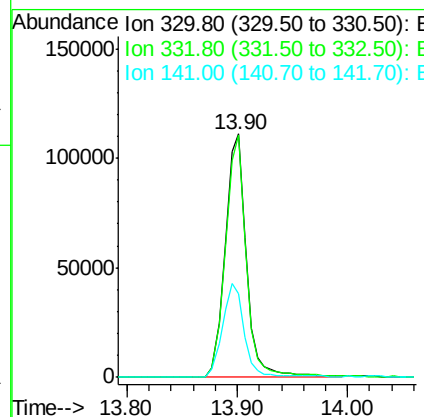
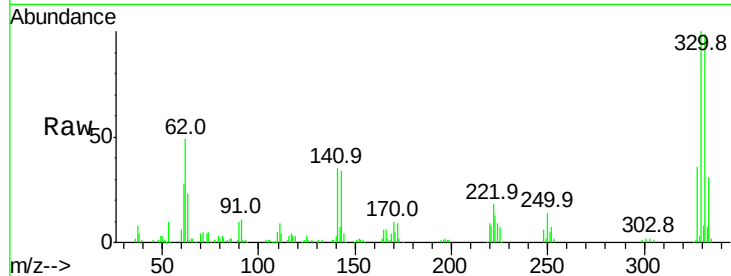
#41
 2,4,6-Tribromophenol
 Concen: 78.15 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	149526		
332	97.7	76.6	115.0	
141	39.6	31.4	47.2	

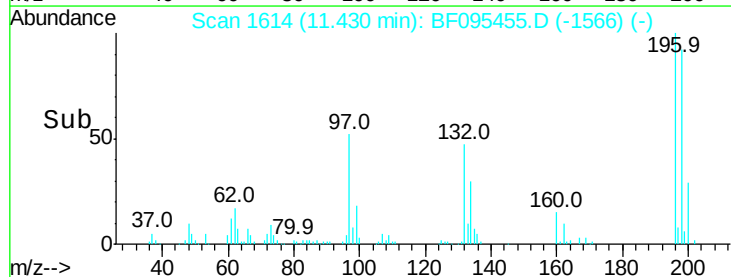
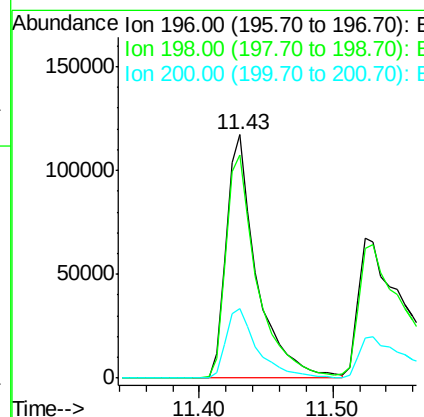
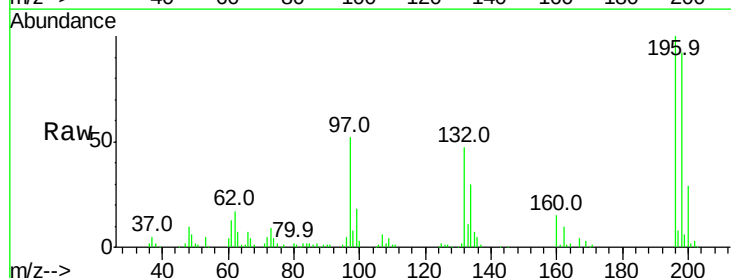
Manual Integrations
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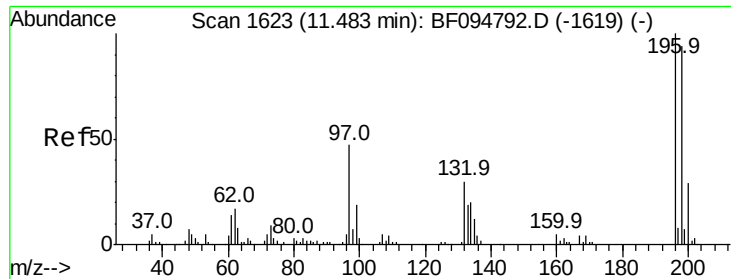
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#42
 2,4,6-Trichlorophenol
 Concen: 39.18 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187921		
198	91.9	74.2	111.4	
200	28.5	24.0	36.0	





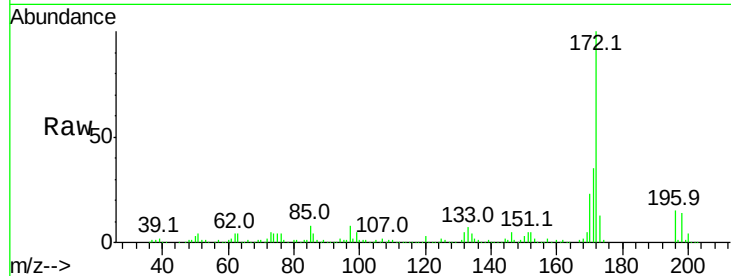
#43
 2,4,5-Trichlorophenol
 Concen: 34.70 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
97	51.0	47.7	71.5
132	33.5	28.0	42.0

Manual Integrations
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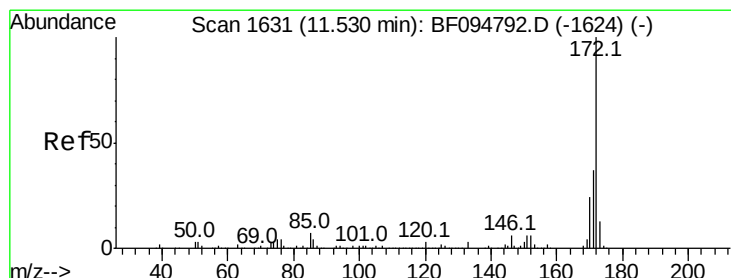
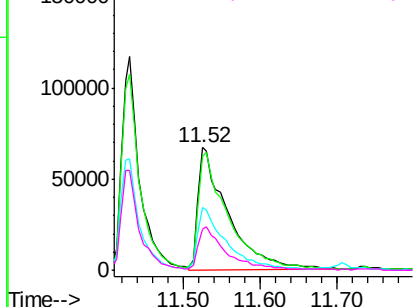
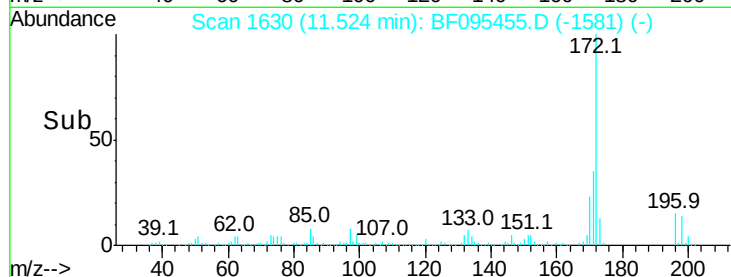
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

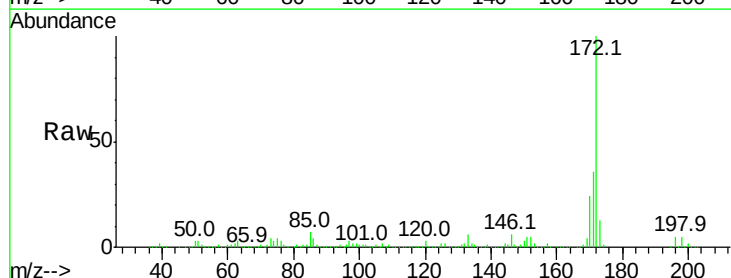
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.48 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

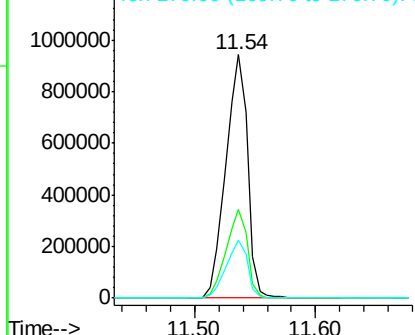
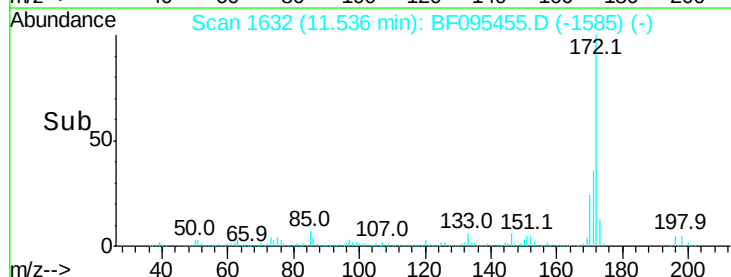


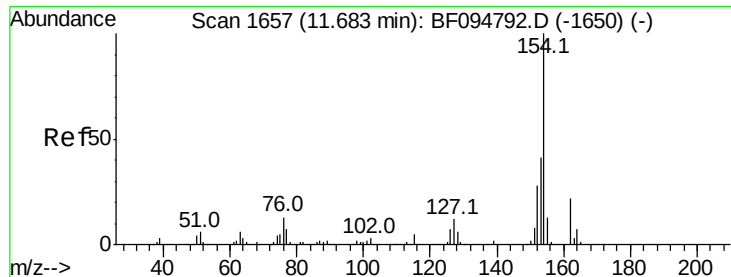
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.77 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

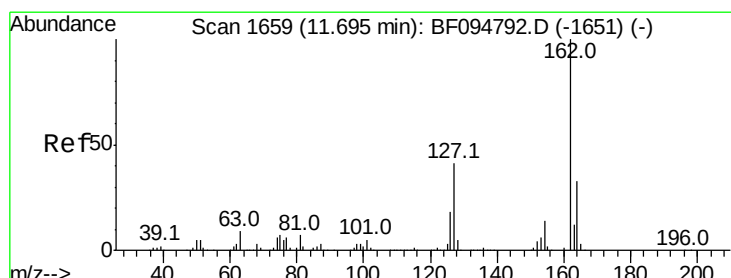
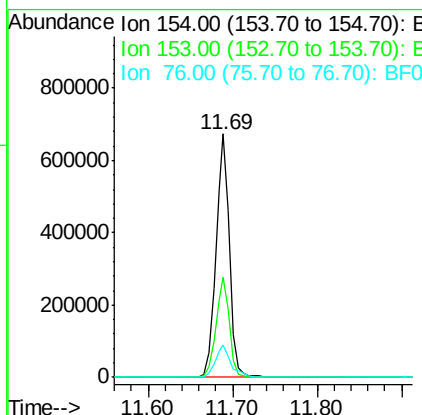
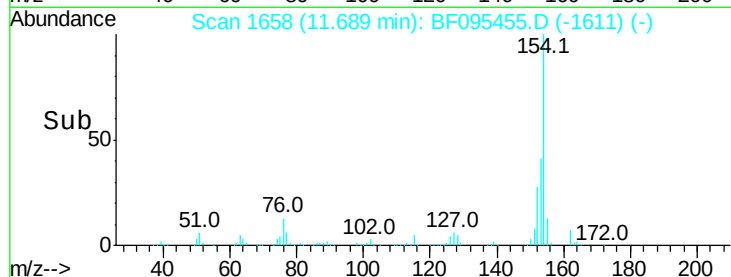
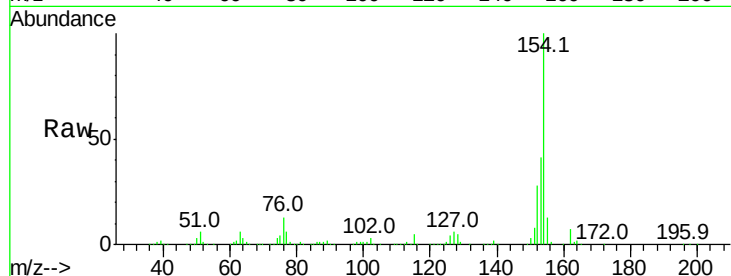
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	762641
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.2	61.2
76	13.4	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.48 ng

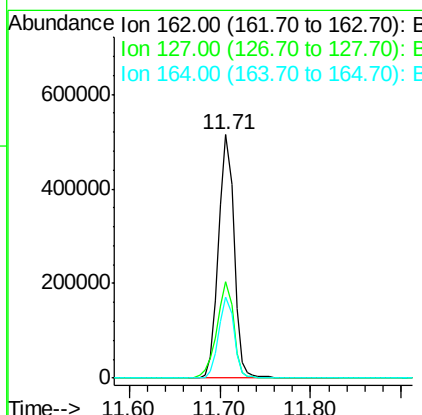
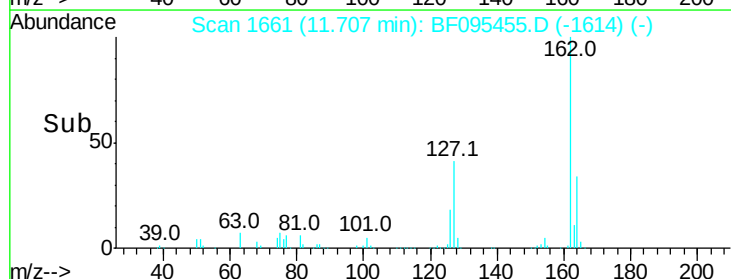
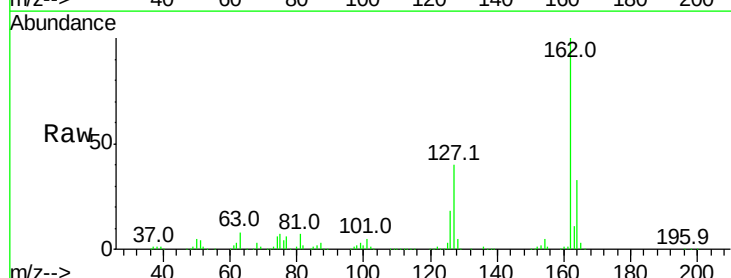
RT: 11.71 min Scan# 1661

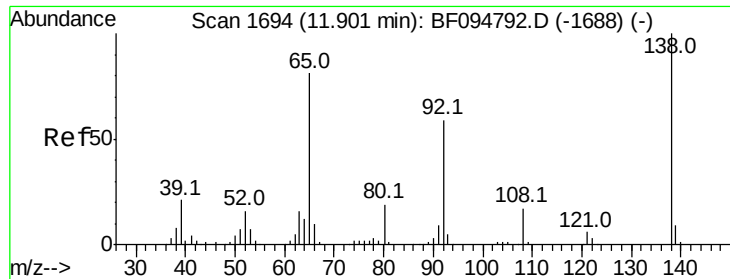
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	162	Resp:	611148
Ion Ratio	Lower	Upper	
162	100		
127	39.7	28.3	42.5
164	33.1	27.0	40.4





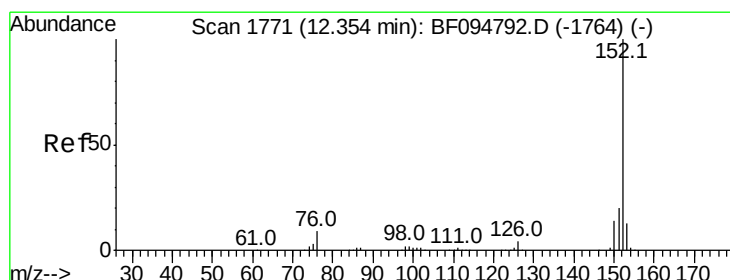
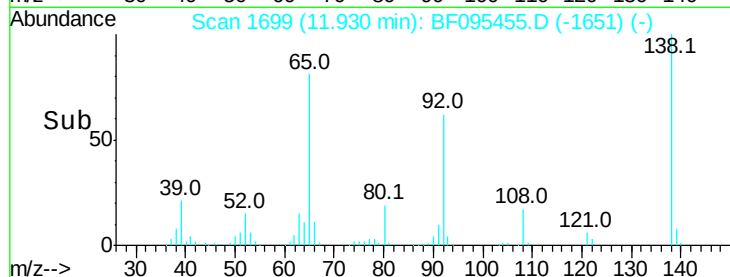
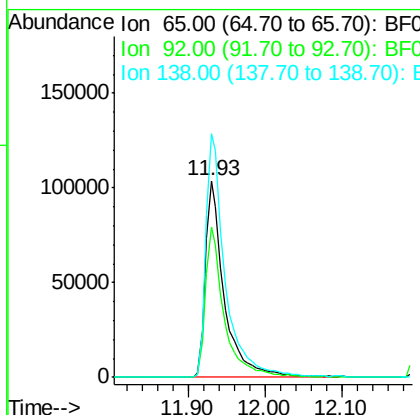
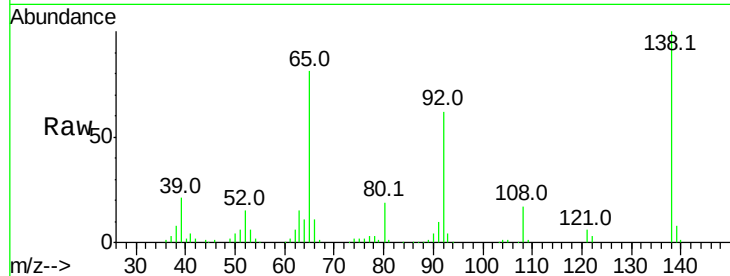
#47
 2-Nitroaniline
 Concen: 40.61 ng
 RT: 11.93 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.3	53.9	80.9
138	124.0	78.8	118.2

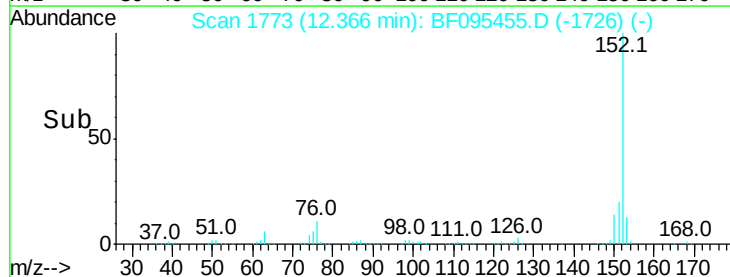
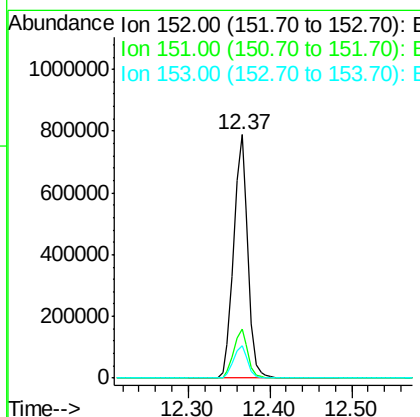
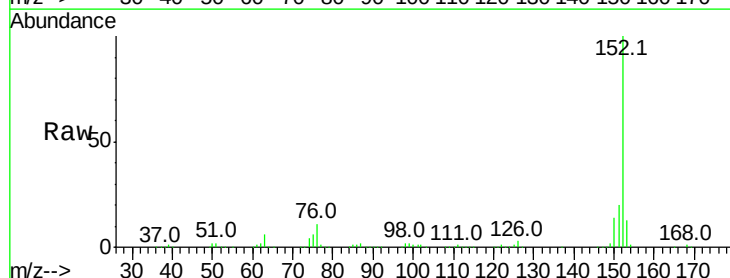
Manual Integrations
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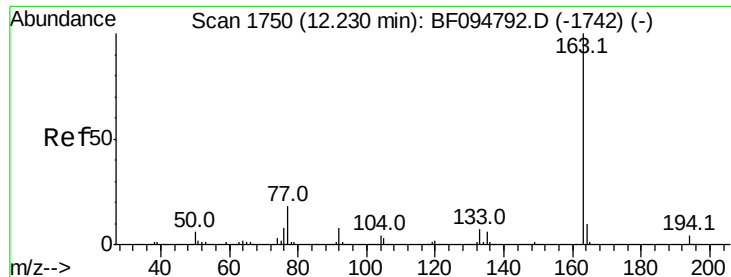
mohammad
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#48
 Acenaphthylene
 Concen: 38.36 ng
 RT: 12.37 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.2	10.8	16.2





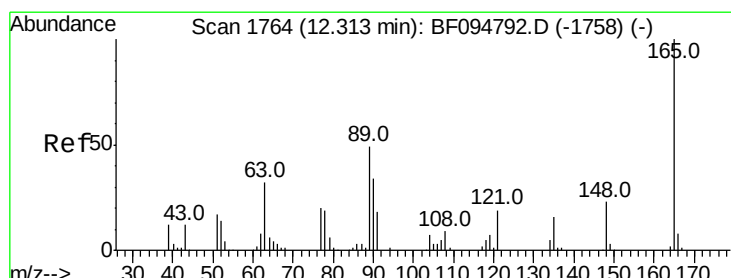
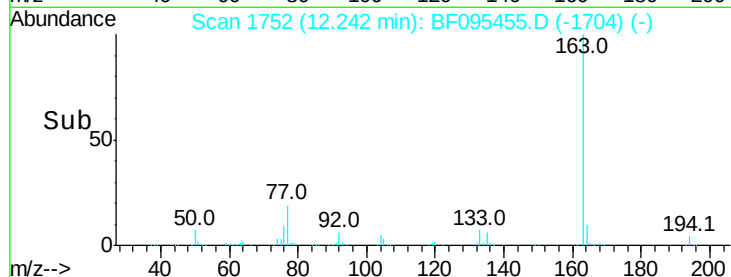
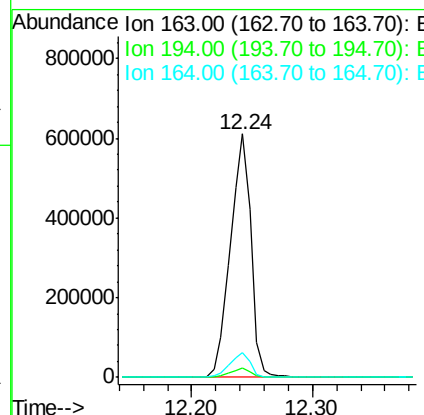
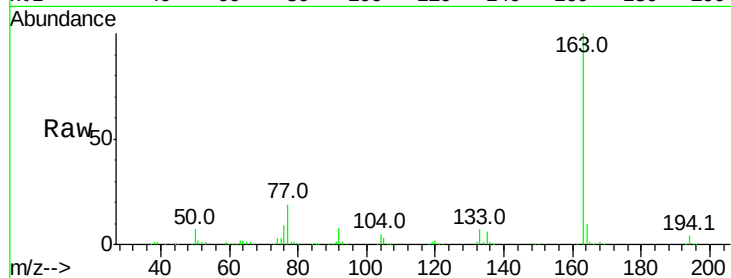
#49
Dimethylphthalate
Concen: 37.58 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	720676		
194	3.6		2.6	4.0
164	10.2		8.4	12.6

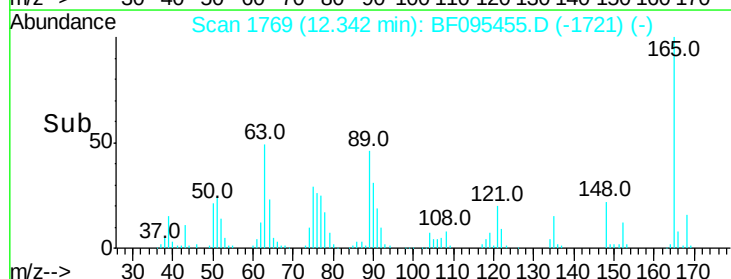
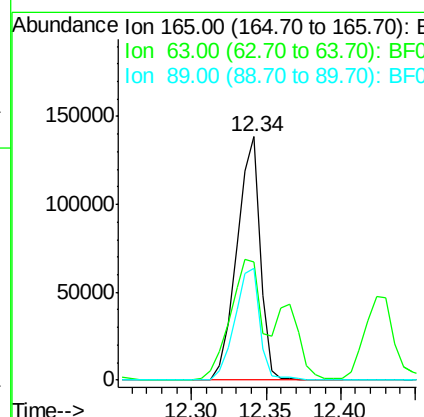
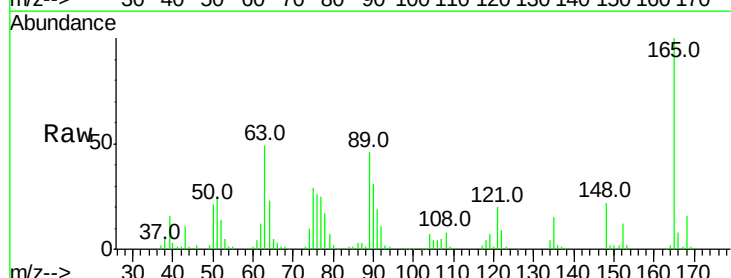
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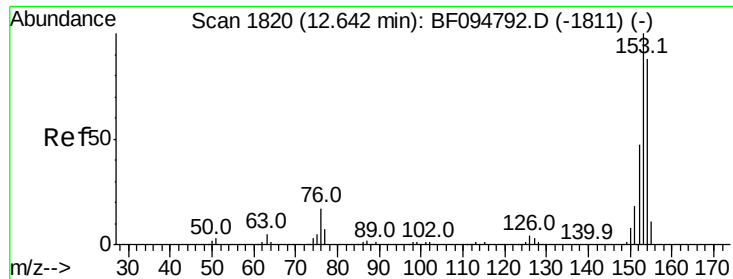
mohammad
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#50
2,6-Dinitrotoluene
Concen: 39.15 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153192		
63	48.6		34.3	51.5
89	45.7		37.1	55.7





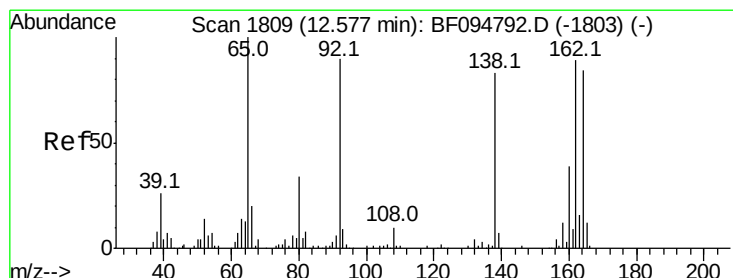
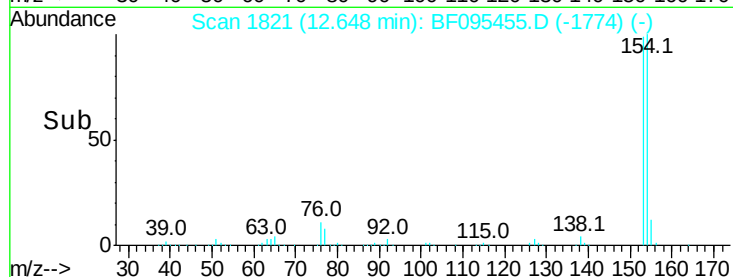
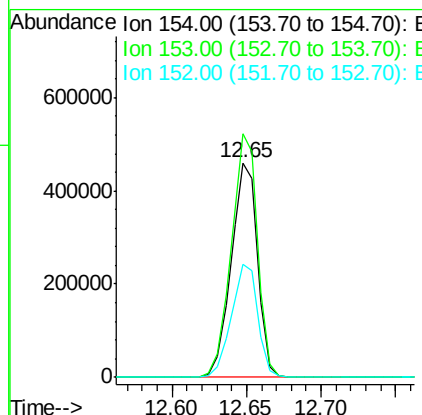
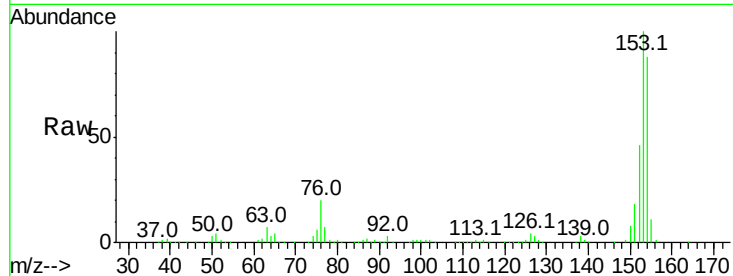
#51
Acenaphthene
Concen: 38.37 ng
RT: 12.65 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.5	135.7
152	52.6	43.6	65.4

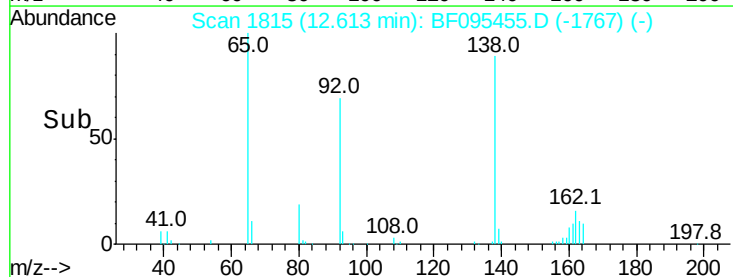
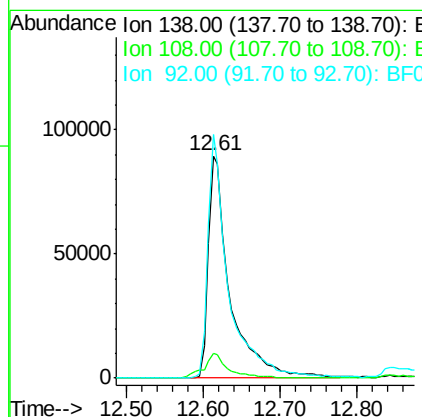
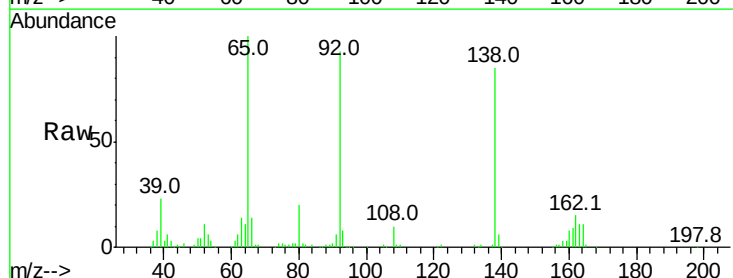
Manual Integrations
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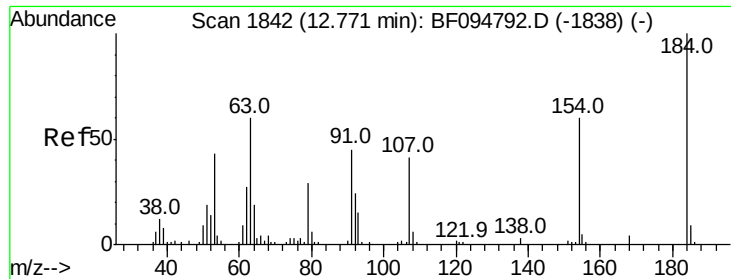
mohammad
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#52
3-Nitroaniline
Concen: 41.53 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.1	13.7
92	109.6	93.8	140.6





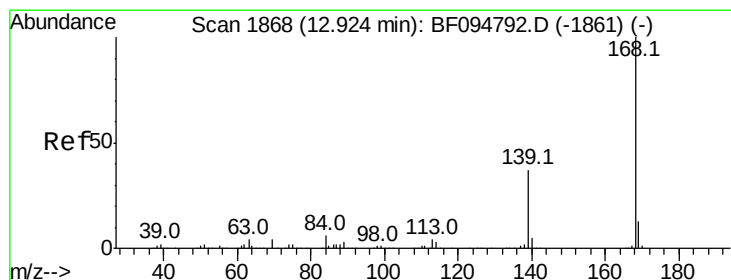
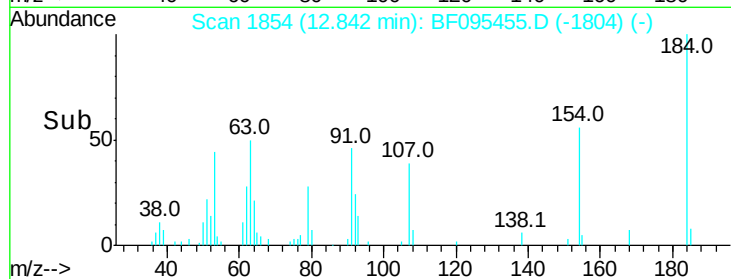
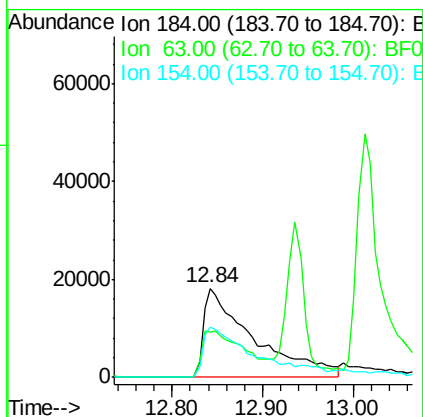
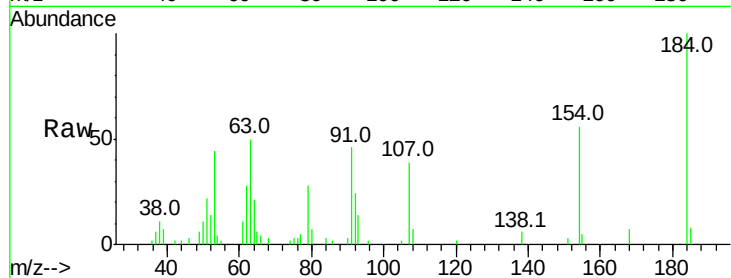
#53
 2,4-Dinitrophenol
 Concen: 36.09 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.4	62.7	94.1#
154	56.2	81.1	121.7#

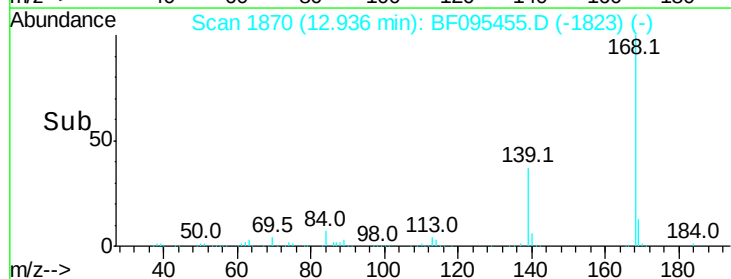
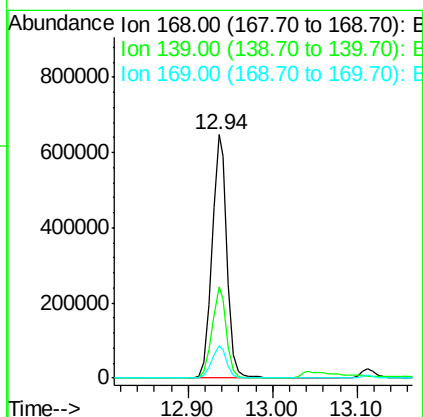
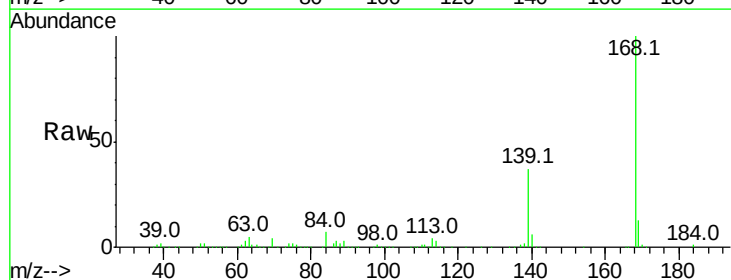
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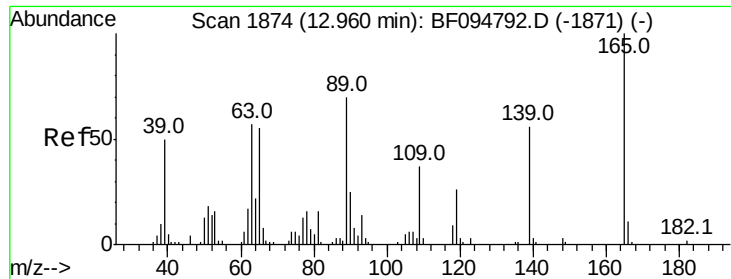
mohammad
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#54
 Dibenzofuran
 Concen: 39.37 ng
 RT: 12.94 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	45.8
169	13.4	10.8	16.2





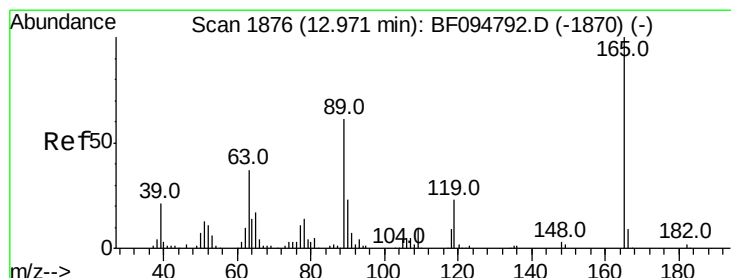
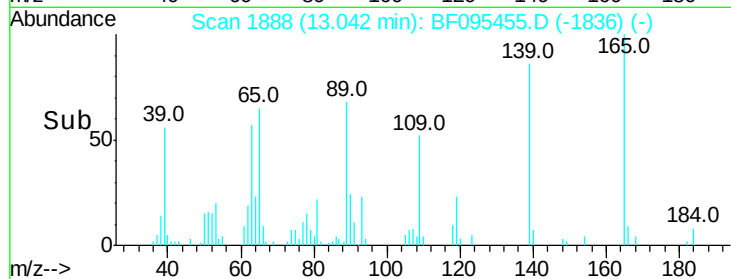
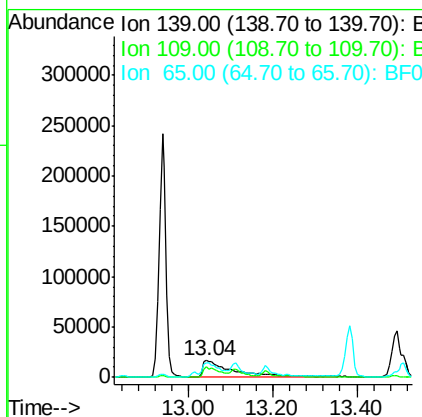
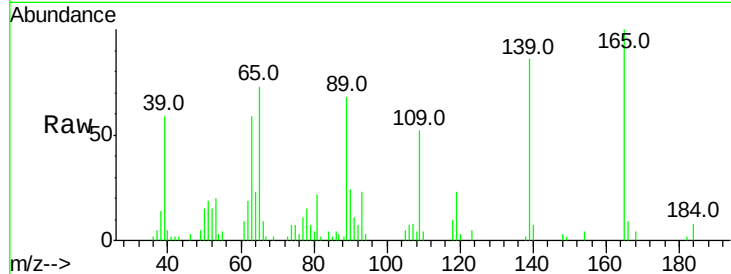
#55
4-Nitrophenol
Concen: 35.94 ng/ml
RT: 13.04 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.1	34.1	74.1	
65	84.8	31.4	71.4	

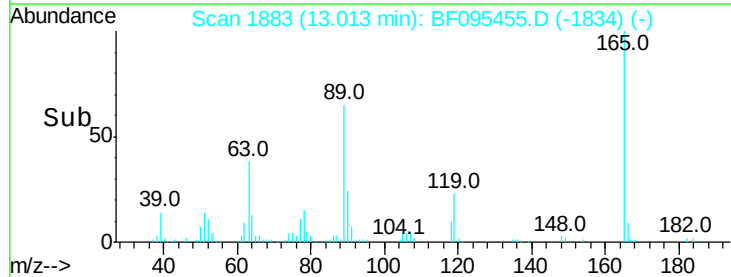
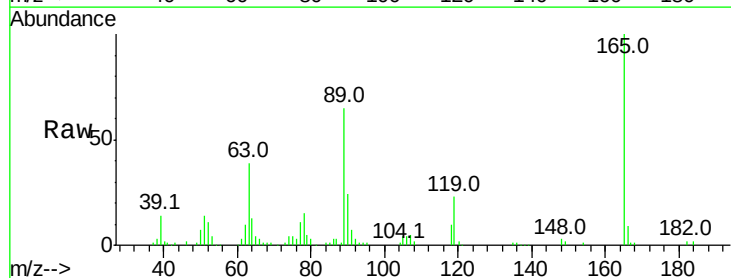
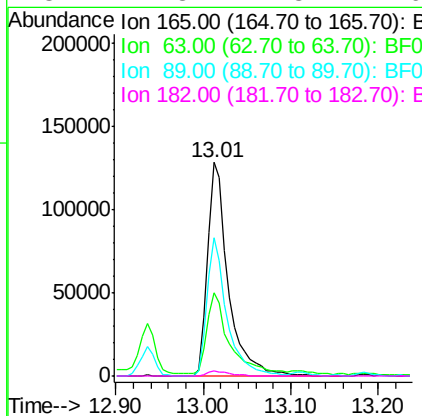
Manual Integrations
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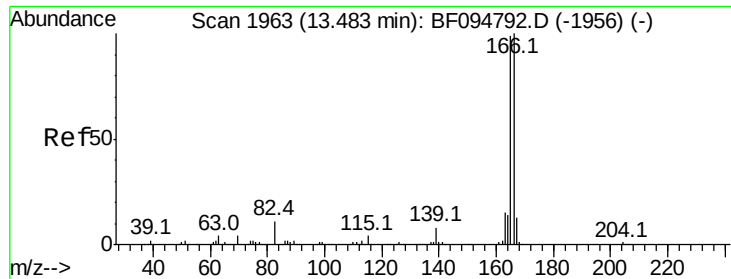
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.04 ng
RT: 13.01 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.8	25.4	38.0	
89	65.0	46.4	69.6	
182	2.3	1.8	2.6	





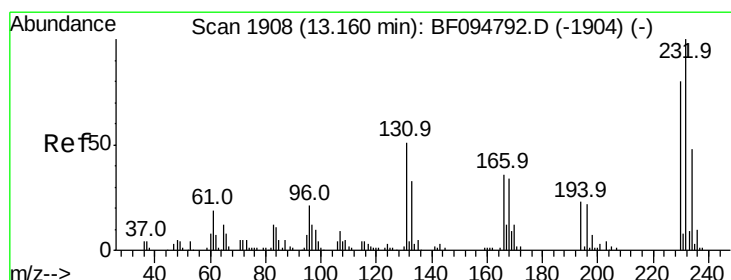
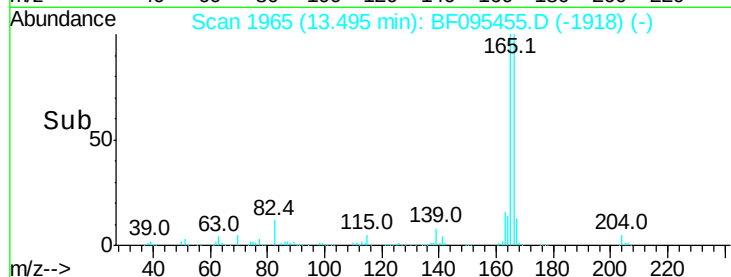
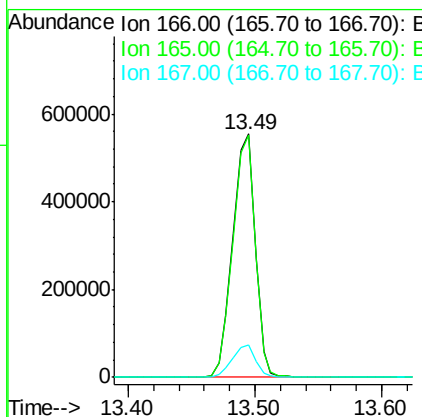
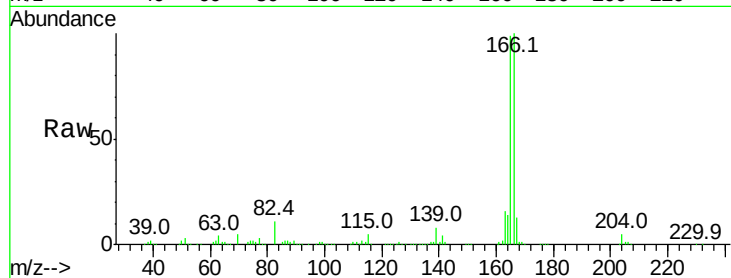
#57
 Fluorene
 Concen: 38.12 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	681554		
165	99.3	78.8	118.2	
167	13.3	10.6	16.0	

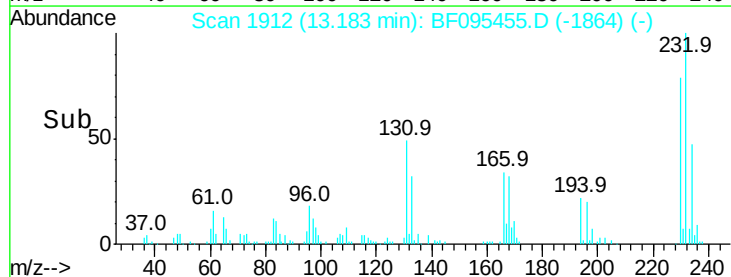
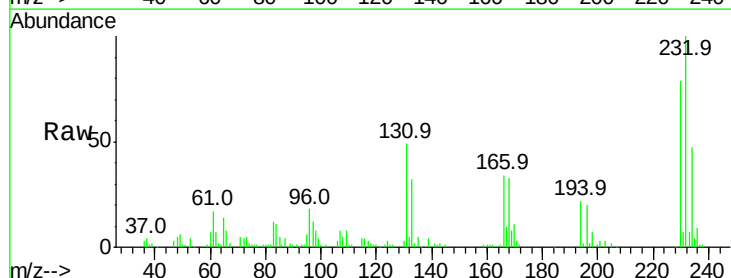
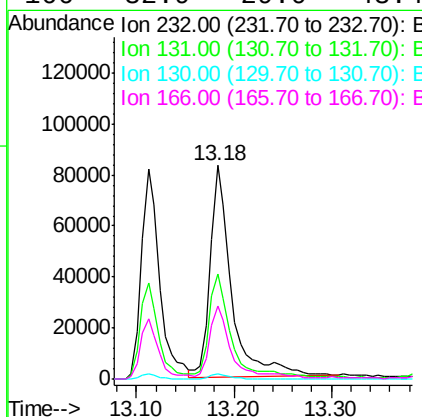
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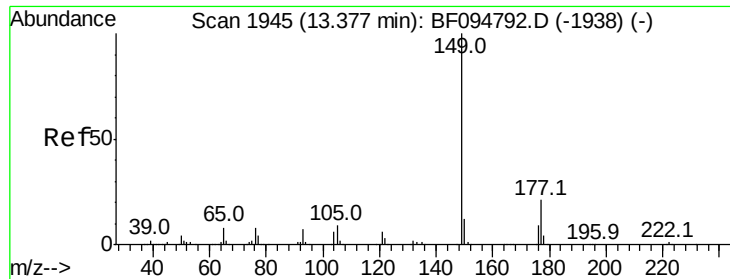
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.36 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	127724		
131	53.0	44.8	67.2	
130	2.1	2.3	3.5	
166	32.9	29.0	43.4	





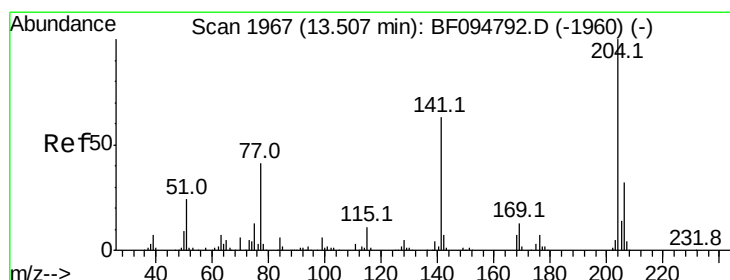
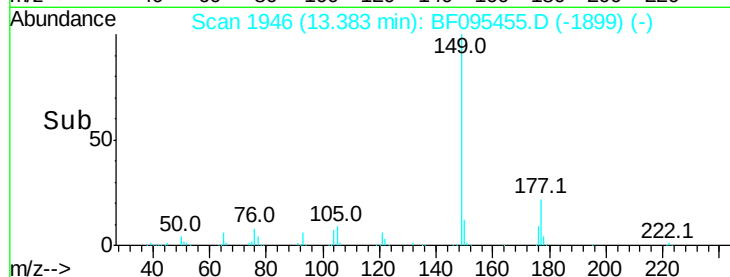
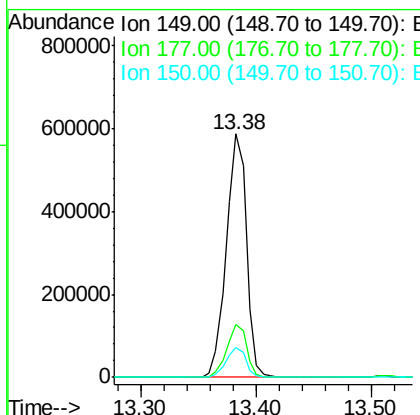
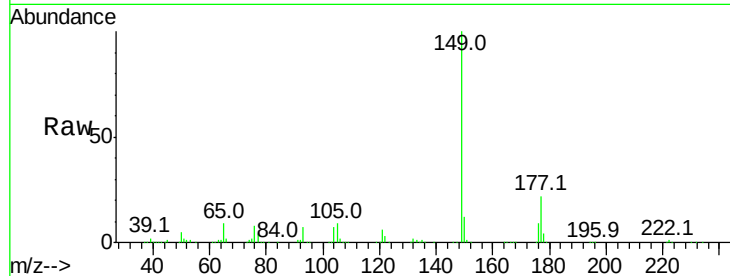
#59
Diethylphthalate
Concen: 38.55 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	708735		
177	21.7	16.7	25.1	
150	12.1	10.2	15.2	

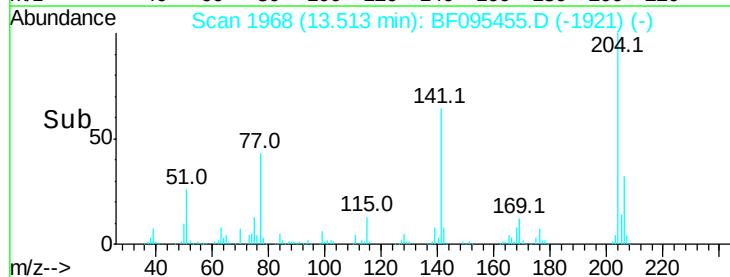
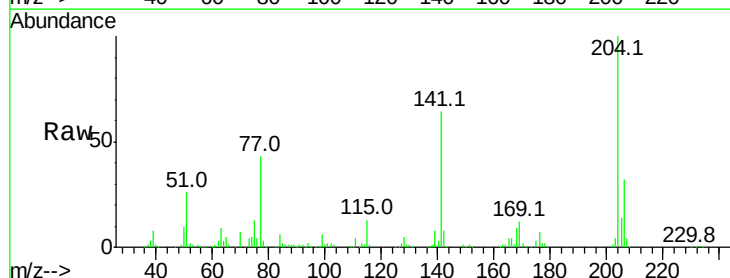
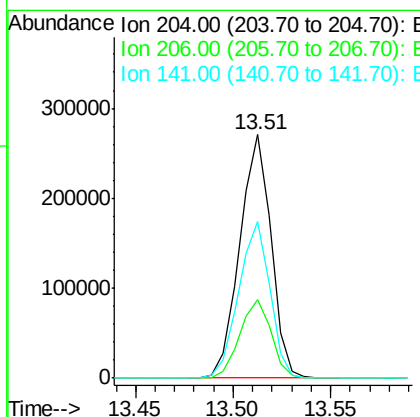
Manual Integrations
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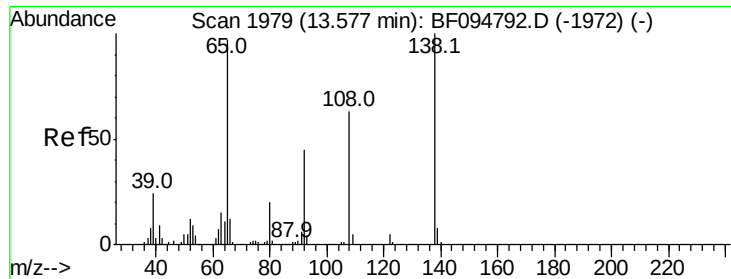
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.40 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	301759		
206	32.1	26.2	39.2	
141	64.4	60.8	91.2	





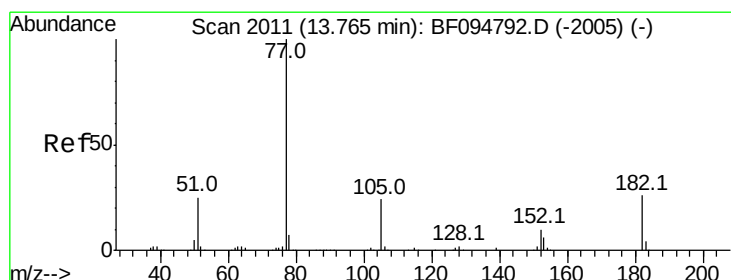
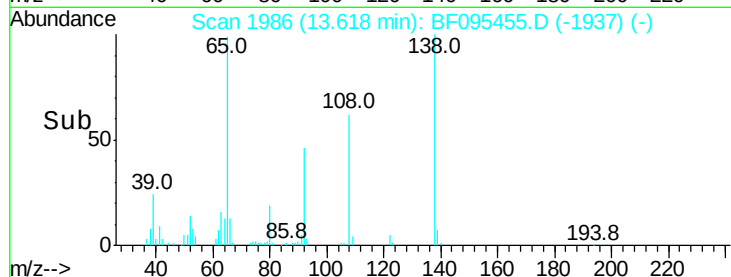
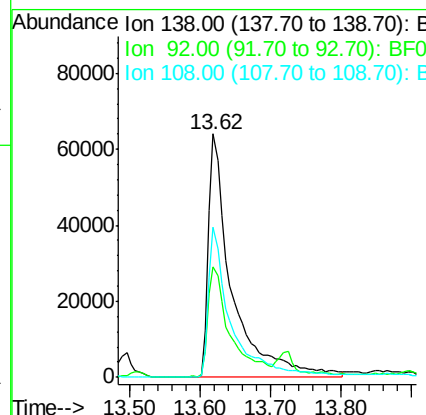
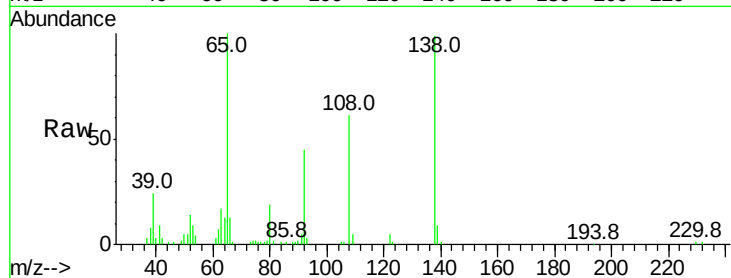
#61
4-Nitroaniline
Concen: 38.67 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	21.8	61.8
108	61.6	42.3	82.3

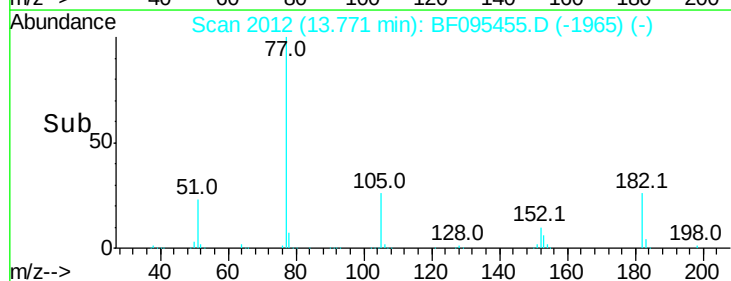
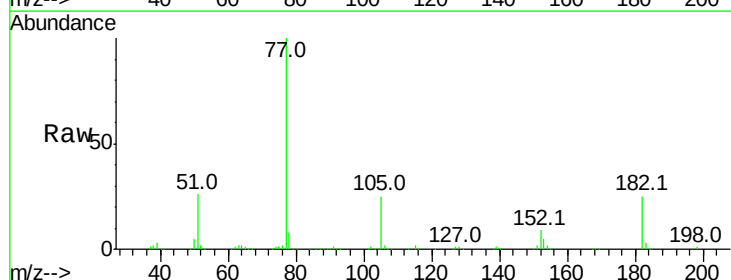
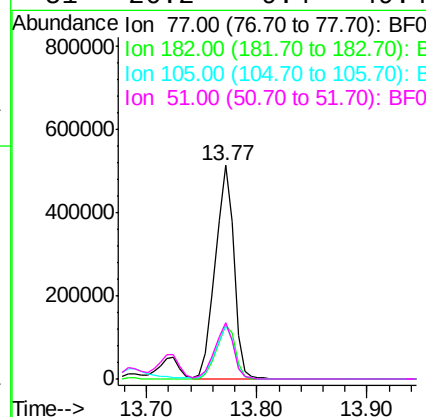
Manual Integrations
APPROVED

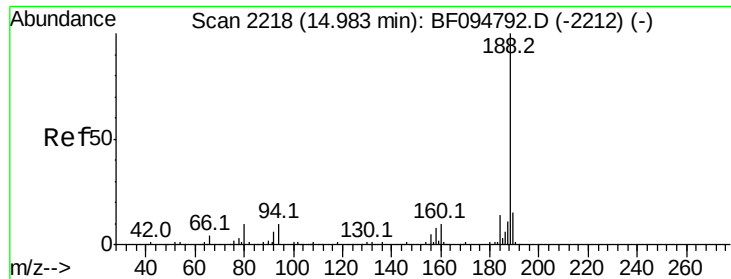
mohammad
5/30/2017 1:35:26 PM



#62
Azobenzene
Concen: 40.17 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	0.1	40.1
105	24.9	3.6	43.6
51	26.2	9.4	49.4





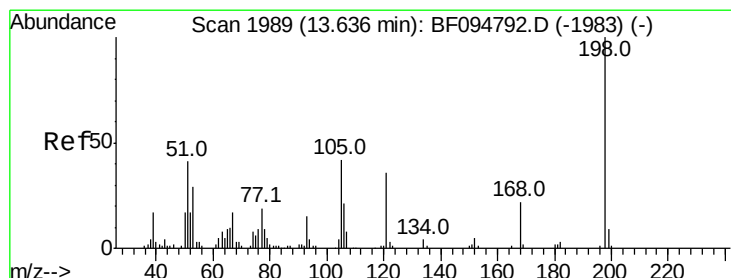
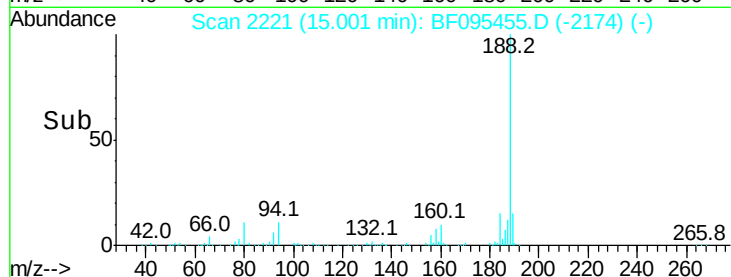
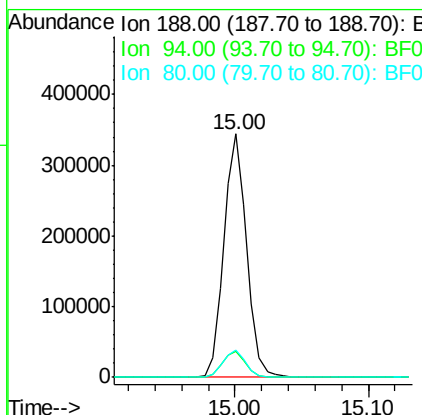
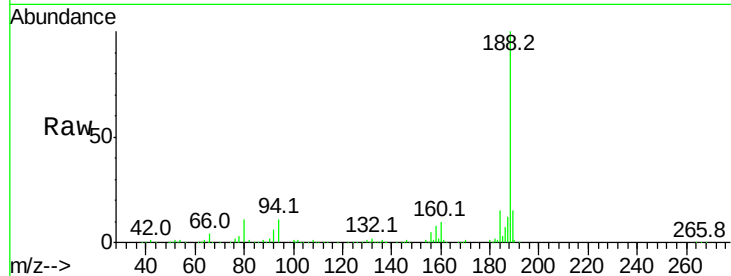
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	11.3	10.2	15.2	

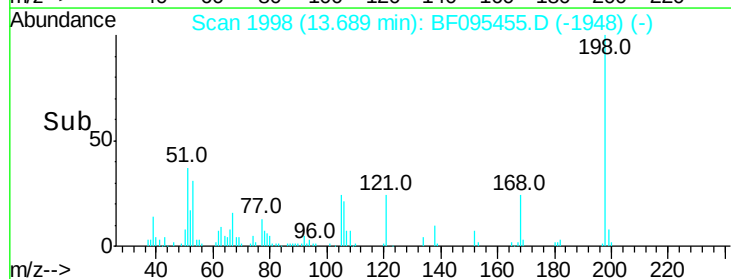
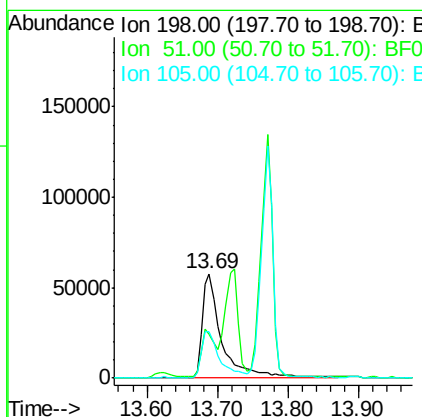
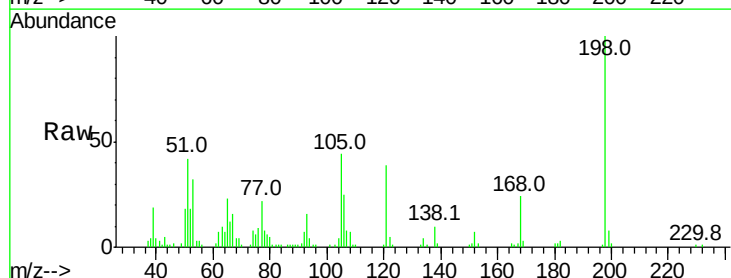
Manual Integrations
APPROVED

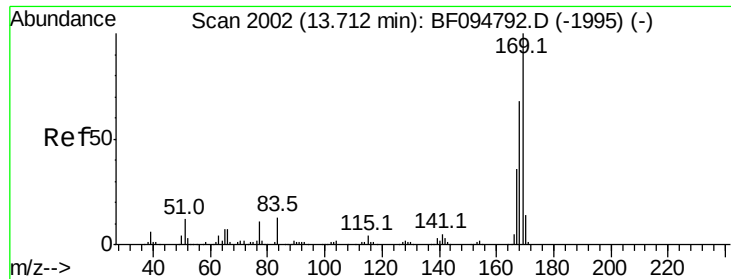
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.38 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	41.8	53.2	93.2#	
105	44.4	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 39.56 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

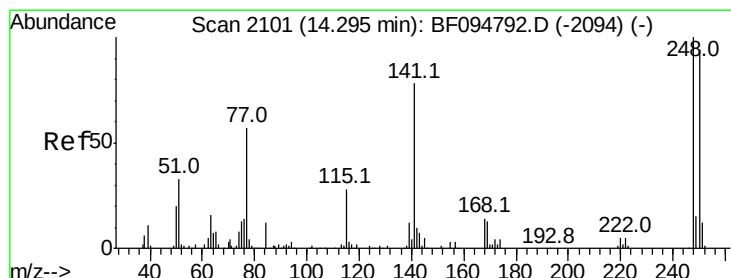
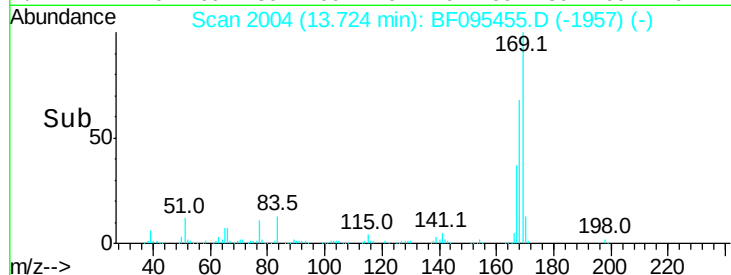
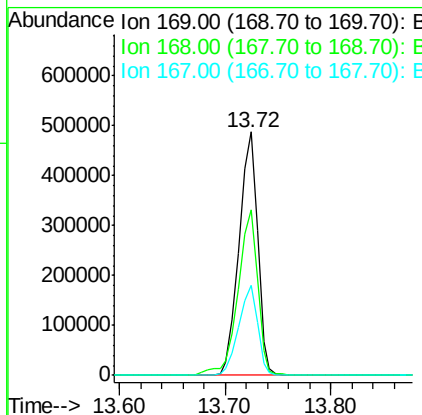
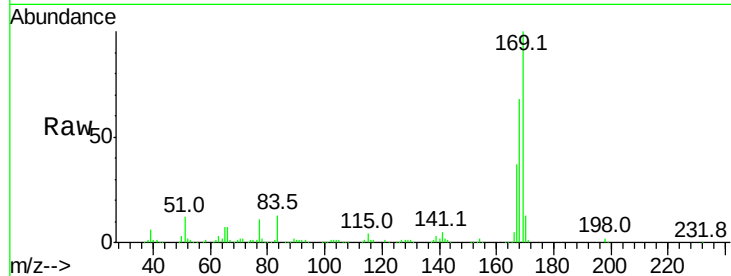
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	592445
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.2	79.8
167	36.7	29.5	44.3

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 39.12 ng

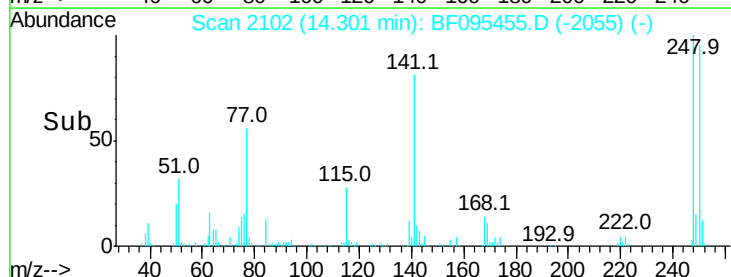
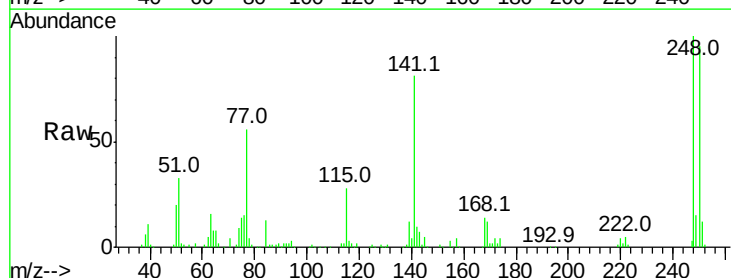
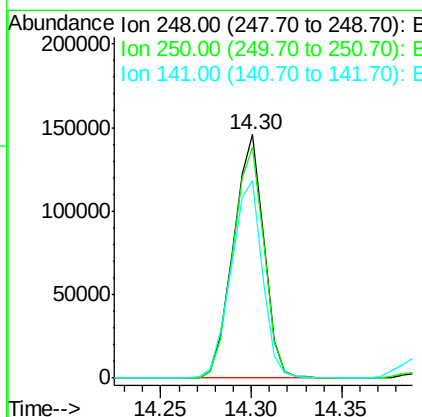
RT: 14.30 min Scan# 2102

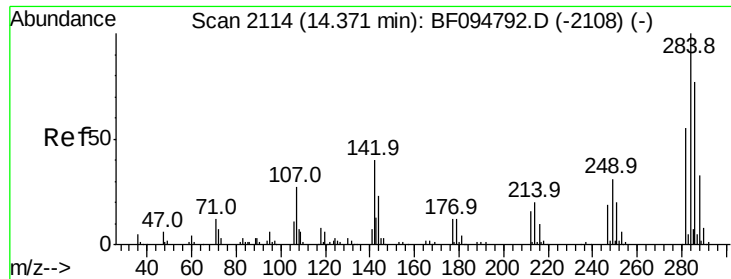
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	248	Resp:	170557
Ion Ratio	Lower	Upper	
248	100		
250	94.8	76.8	115.2
141	81.3	68.6	103.0





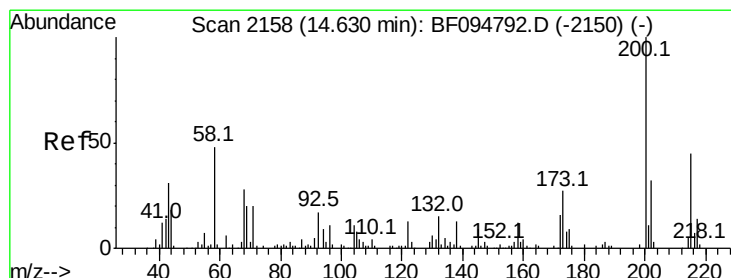
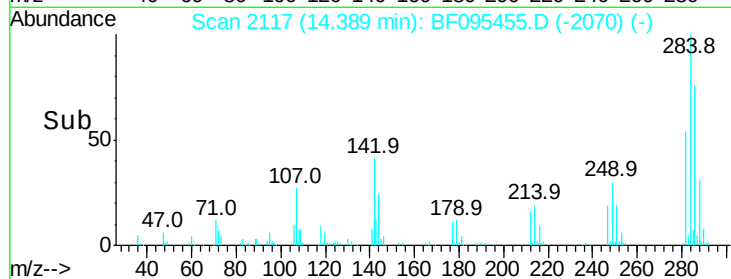
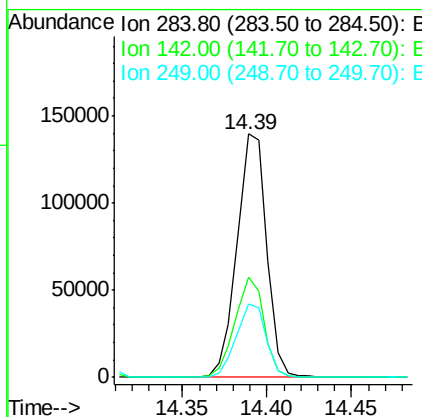
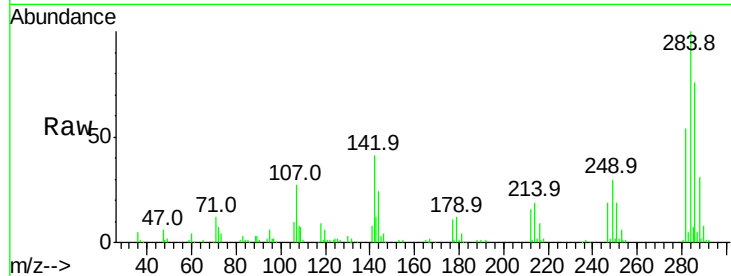
#67
Hexachlorobenzene
Concen: 38.26 ng
RT: 14.39 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.4	22.8	34.2	
249	30.2	24.0	36.0	

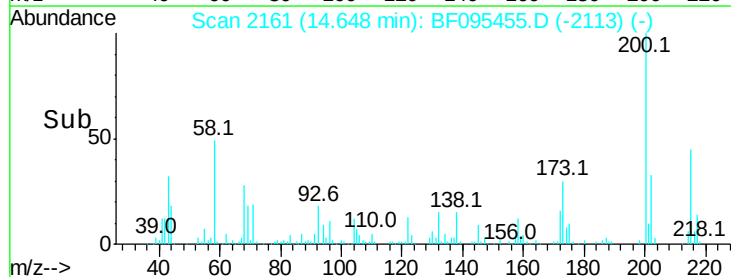
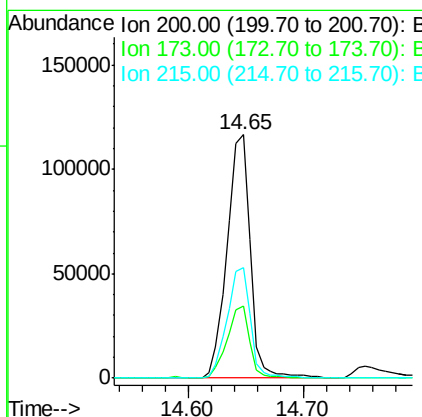
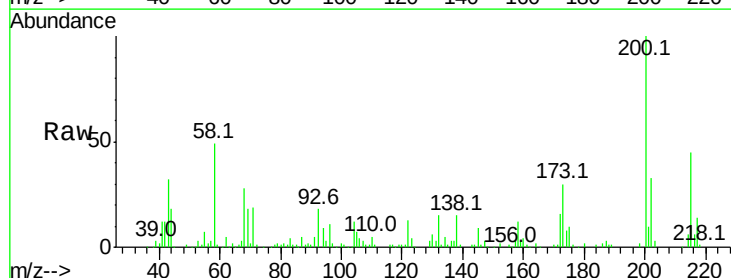
Manual Integrations
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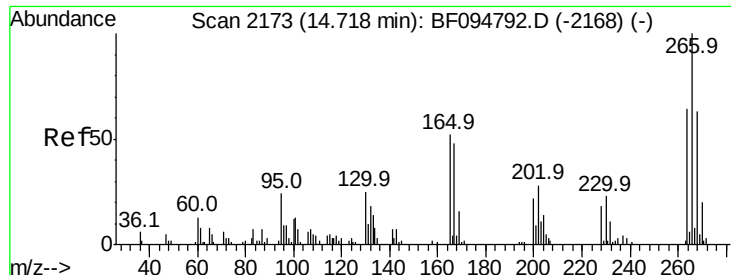
mohammad
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#68
Atrazine
Concen: 38.62 ng
RT: 14.65 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.6	6.3	46.3	
215	45.5	27.2	67.2	





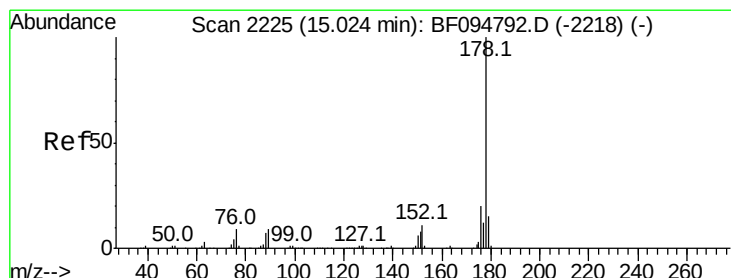
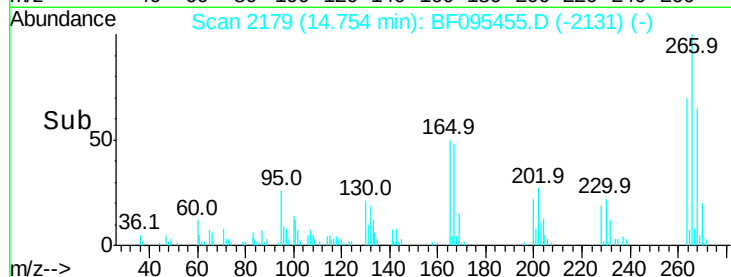
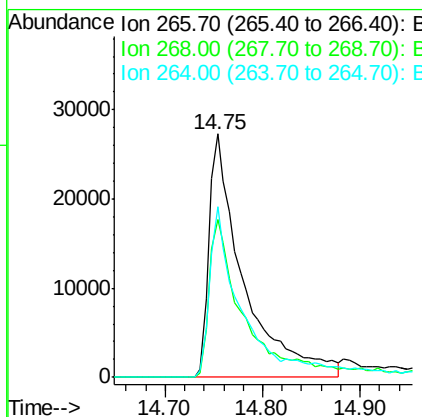
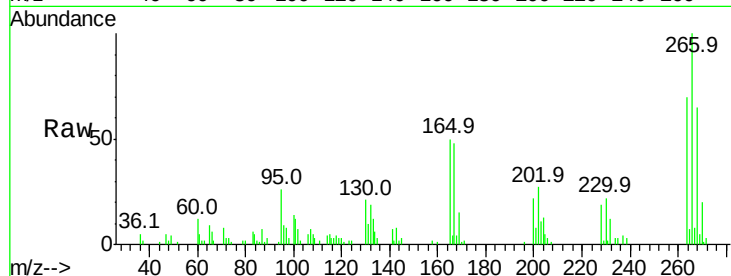
#69
 Pentachlorophenol
 Concen: 36.71 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	70.1	51.7	77.5

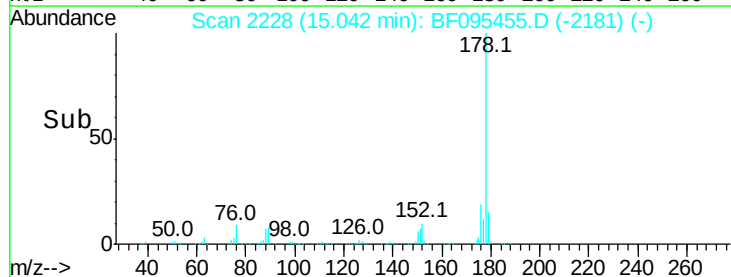
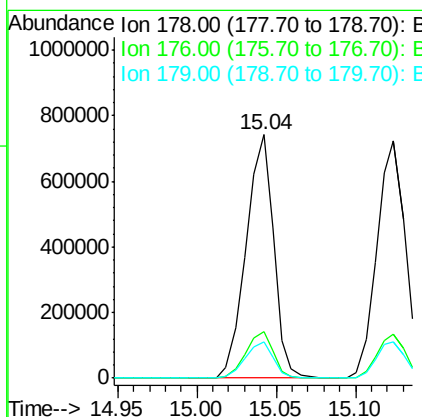
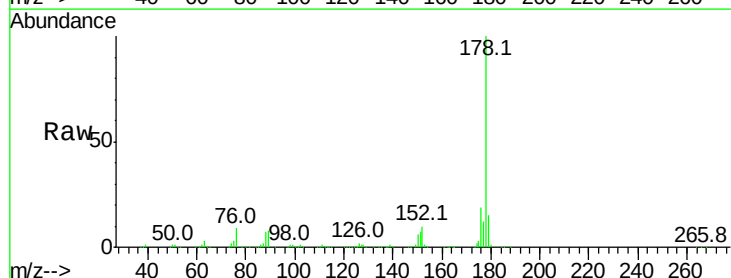
Manual Integrations
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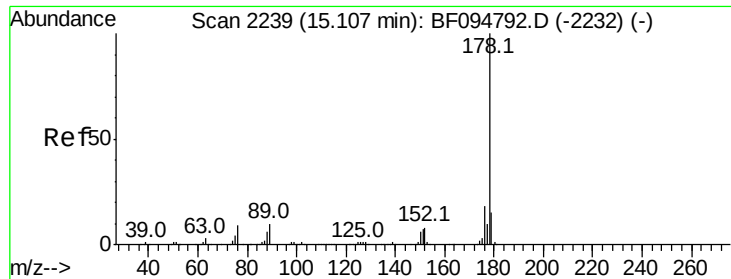
mohammad
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#70
 Phenanthrene
 Concen: 37.96 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.0	12.6	19.0





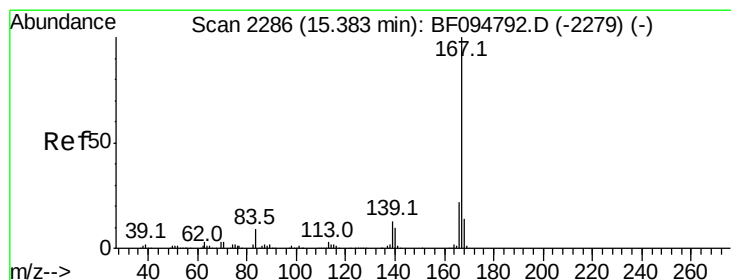
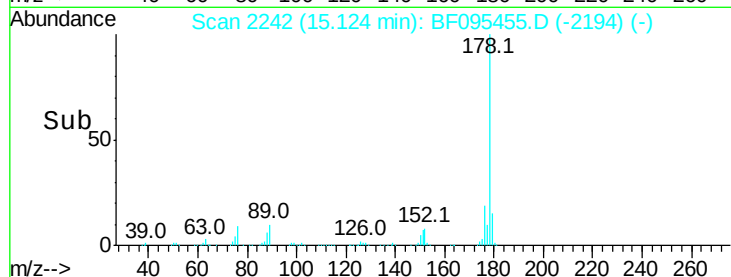
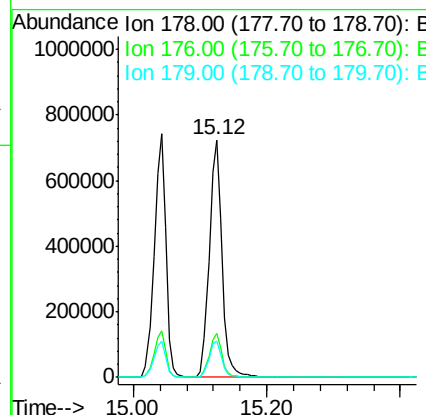
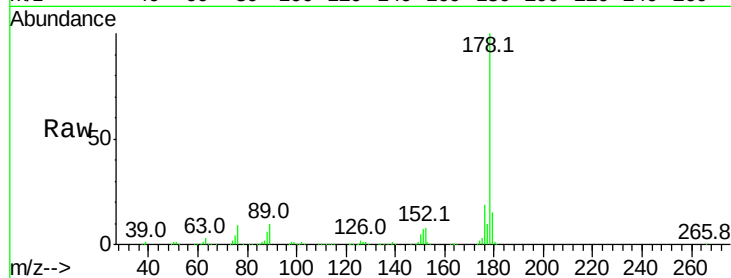
#71
 Anthracene
 Concen: 39.22 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	12.7	19.1

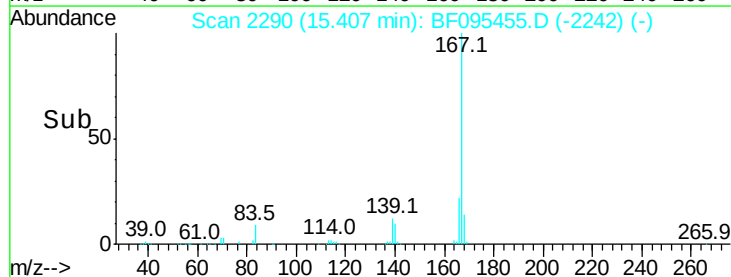
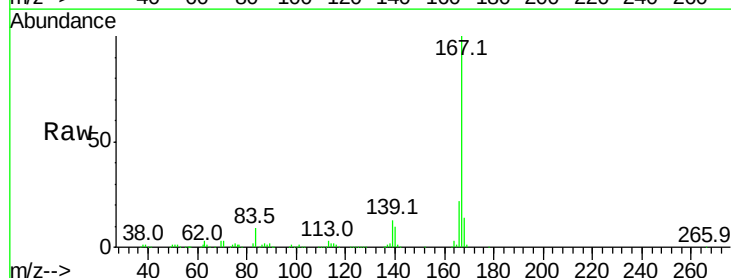
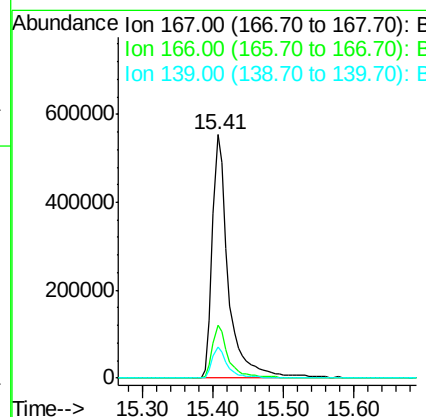
Manual Integrations
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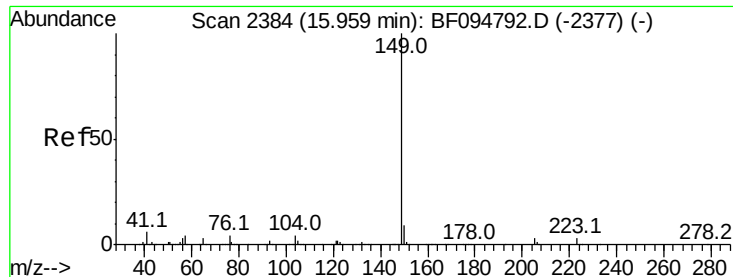
mohammad
 5/30/2017 1:35:26 PM



#72
 Carbazole
 Concen: 40.01 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.28 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1107028

Ion Ratio Lower Upper

149 100

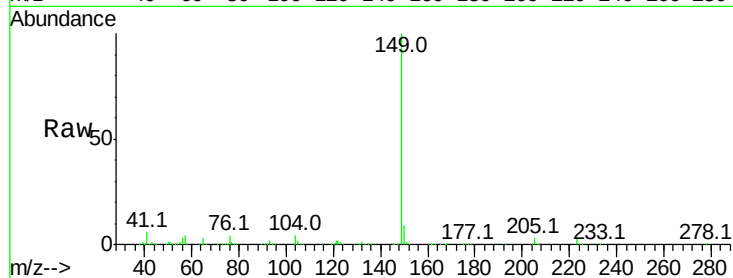
150 9.0 7.7 11.5

104 4.2 4.0 6.0

Manual Integrations
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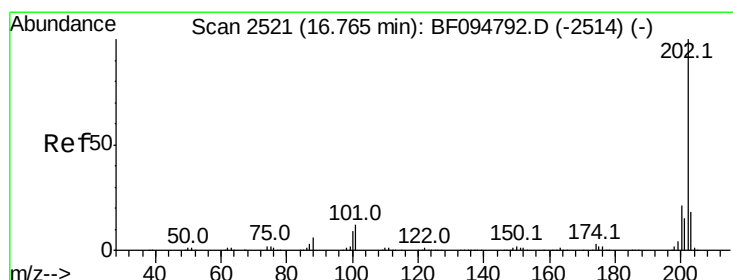
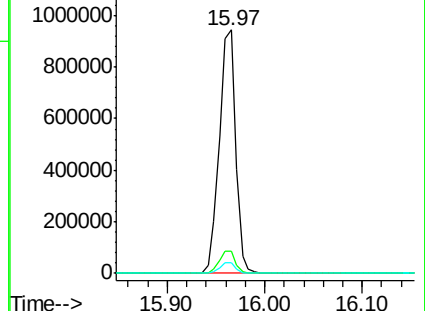
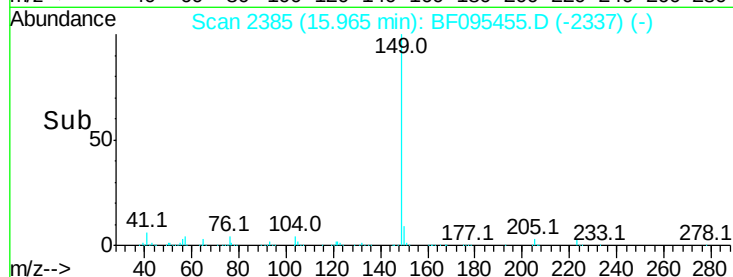
5/30/2017 1:35:26 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.80 ng

RT: 16.78 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

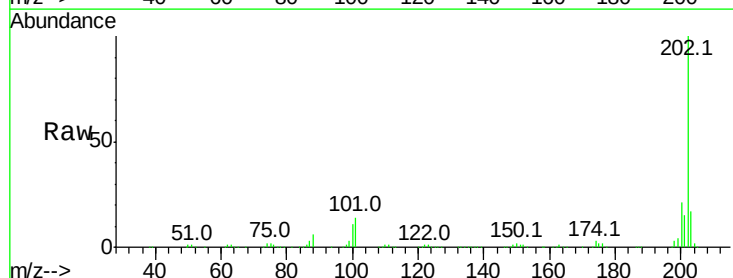
Tgt Ion:202 Resp: 968114

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

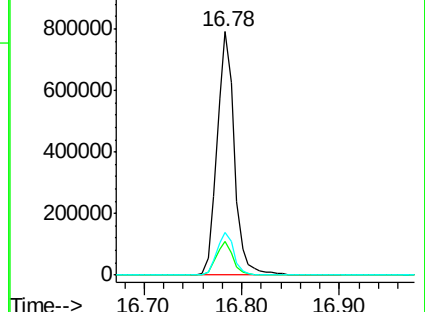
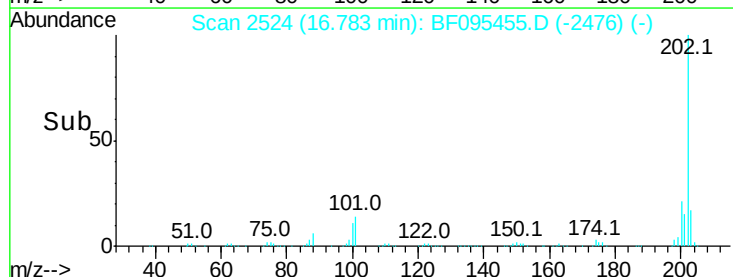
203 17.4 0.0 38.1

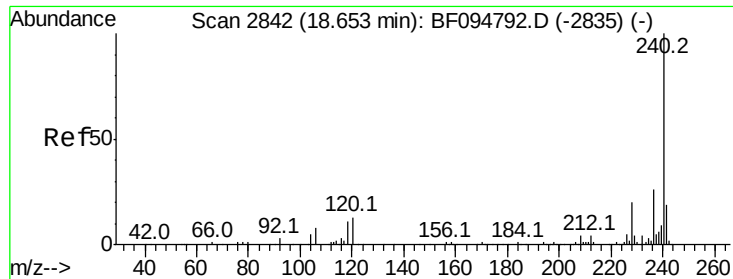


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





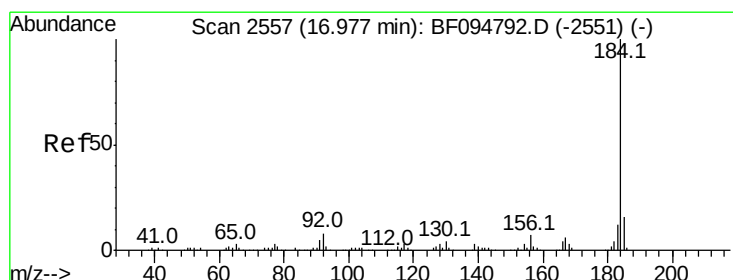
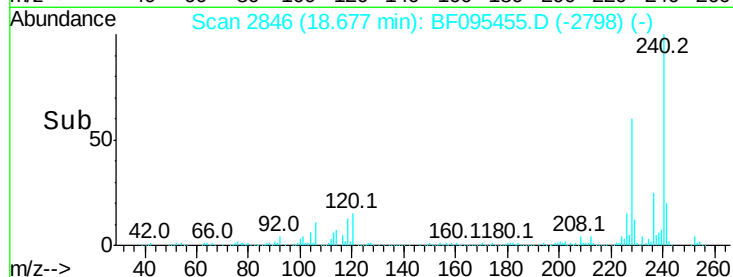
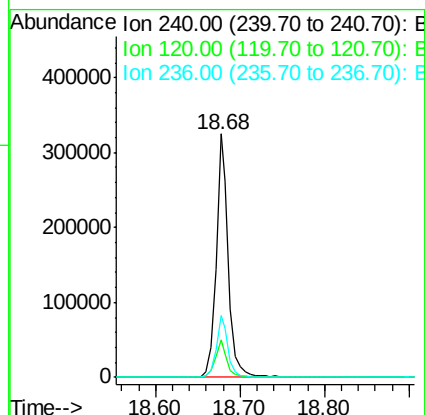
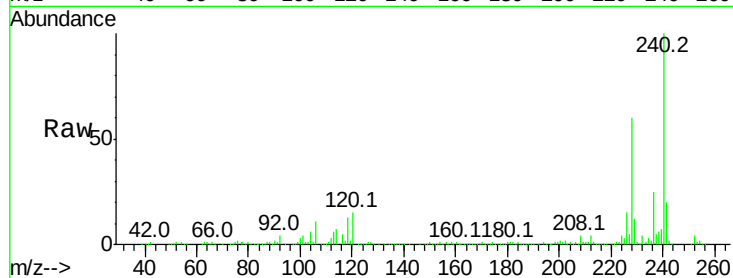
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.3	20.5	30.7

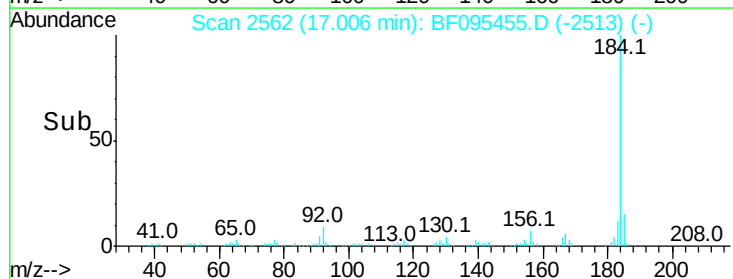
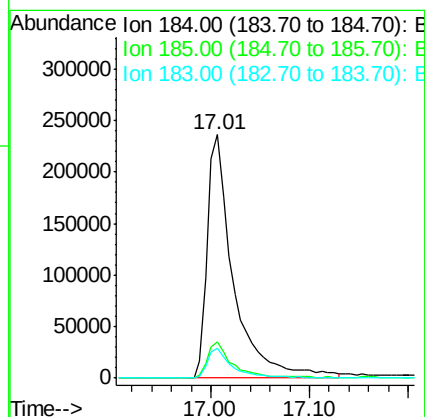
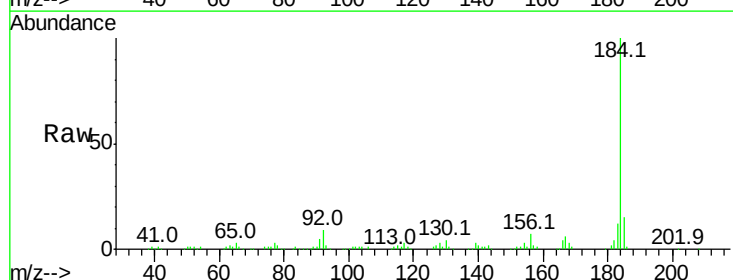
Manual Integrations
APPROVED

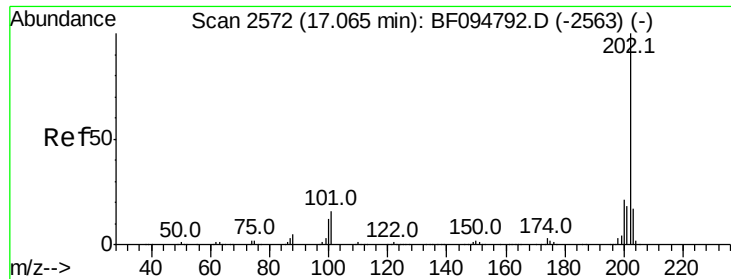
mohammad
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#76
Benzidine
Concen: 48.19 ng m
RT: 17.01 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	15.5	23.3#
183	12.2	9.8	14.6





#77

Pvrene

Concen: 40.31 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

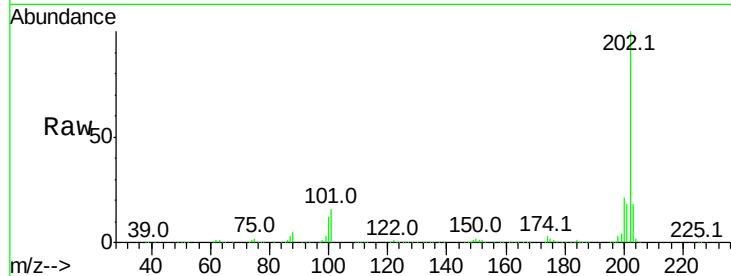
ClientSampleId :

SSTDCCC040

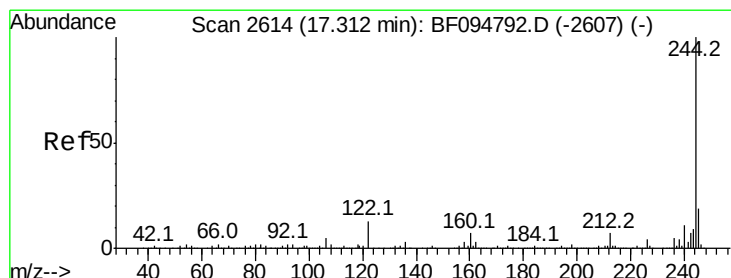
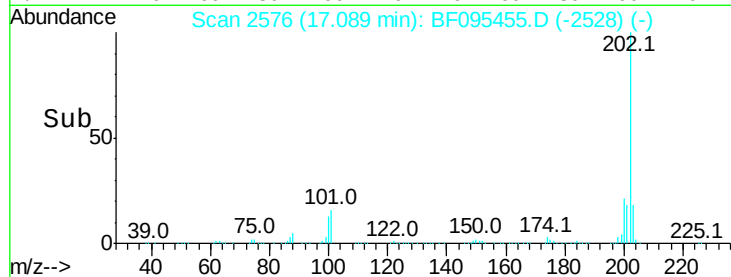
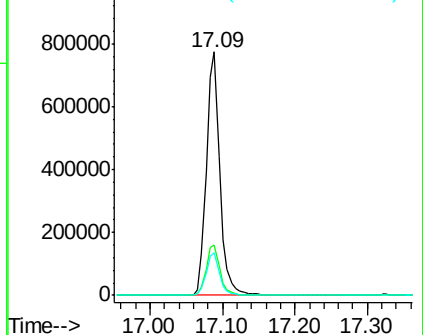
Tot Ion:	202	Resp:	999368
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.7	14.4	21.6

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



#78

Terphenyl-d14

Concen: 77.09 ng

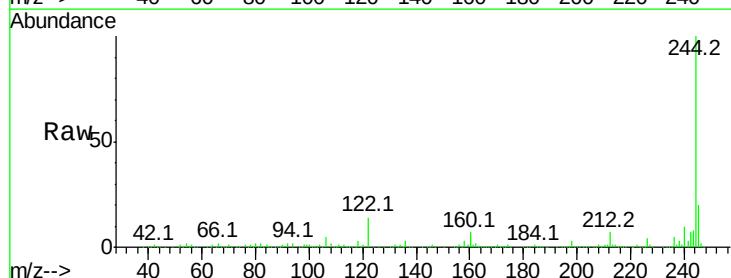
RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

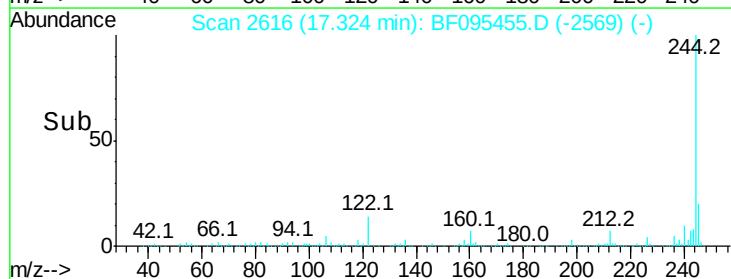
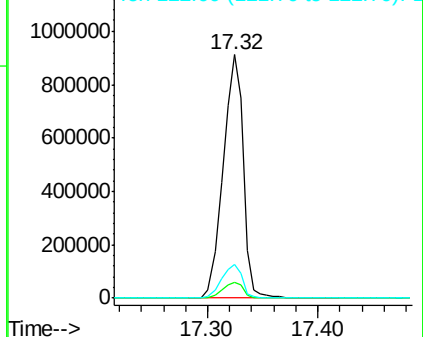
Lab File: BF095455.D

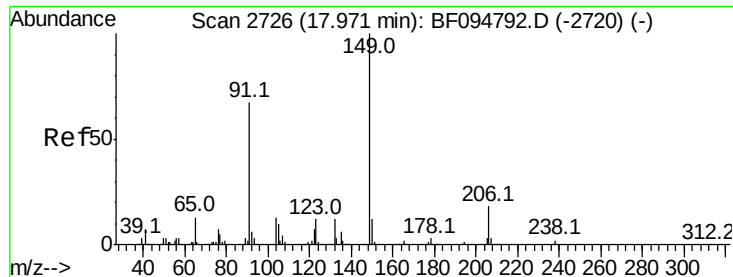
Acq: 26 May 2017 12:01

Tgt Ion:	244	Resp:	1160282
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	14.1	10.3	15.5



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





#79

Butylbenzylphthalate

Concen: 39.41 ng

RT: 17.98 min Scan# 2727

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

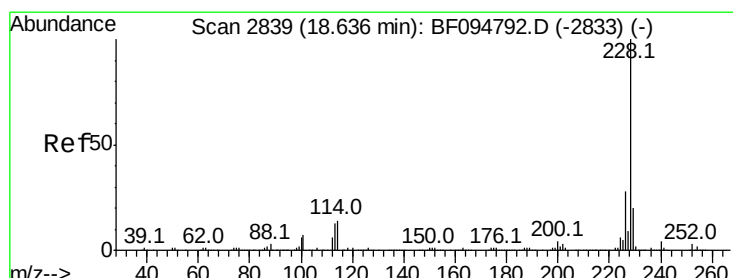
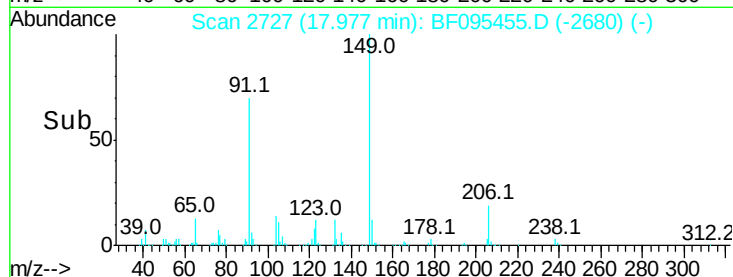
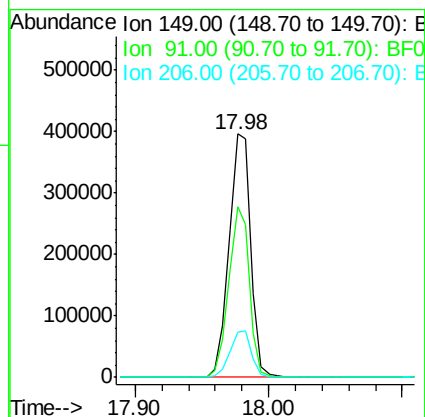
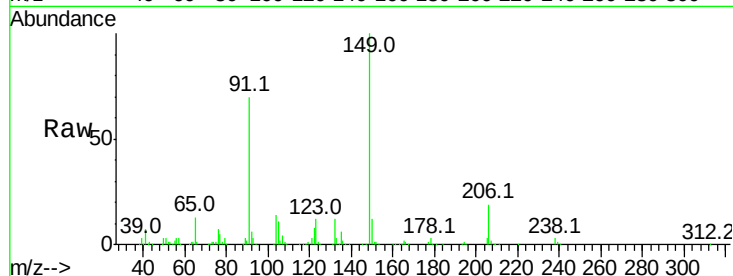
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	454525
Ion Ratio	Lower	Upper	
149	100		
91	70.0	45.0	67.4#
206	18.6	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 39.00 ng

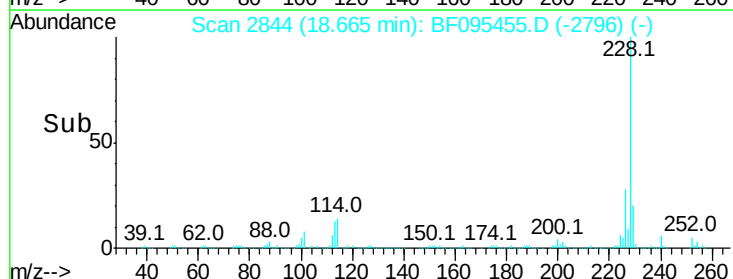
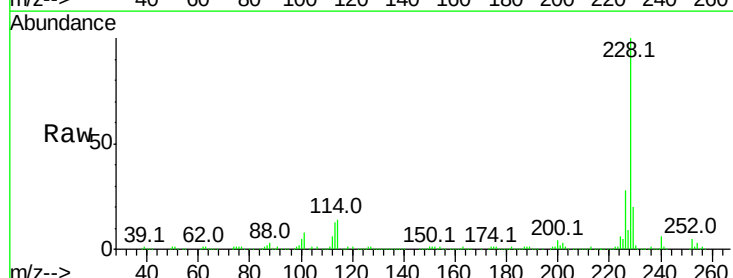
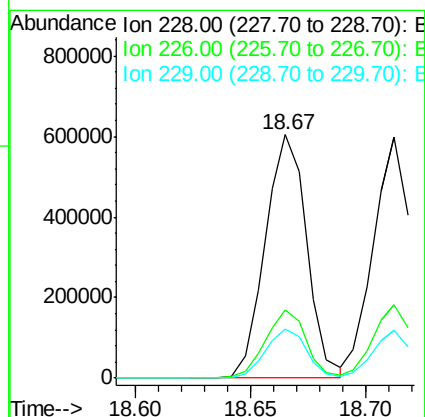
RT: 18.67 min Scan# 2844

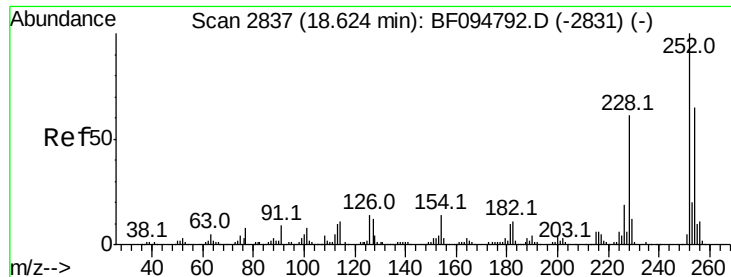
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	228	Resp:	752543
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	19.9	16.3	24.5





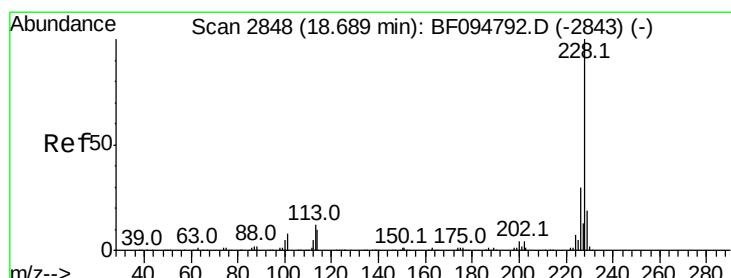
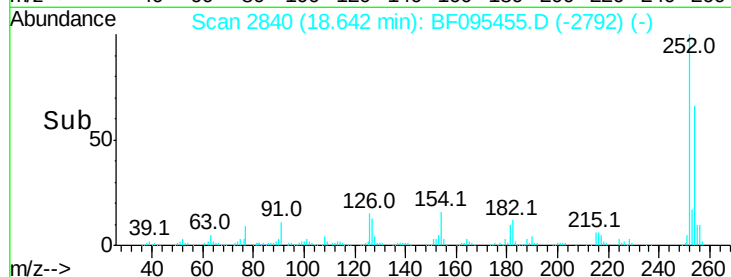
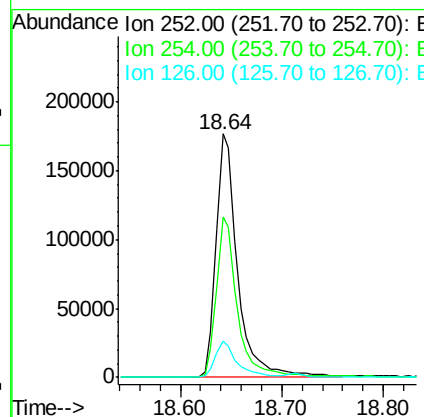
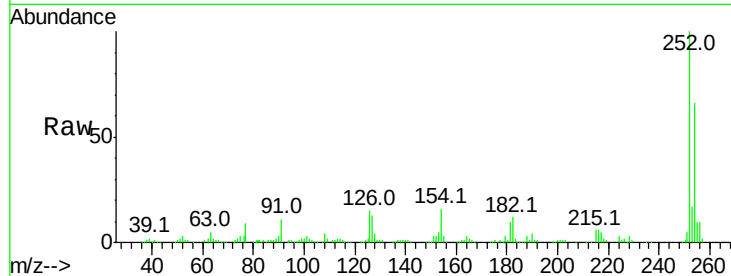
#81
 3,3'-Dichlorobenzidine
 Concen: 39.40 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	51.5	77.3
126	15.1	15.8	23.8

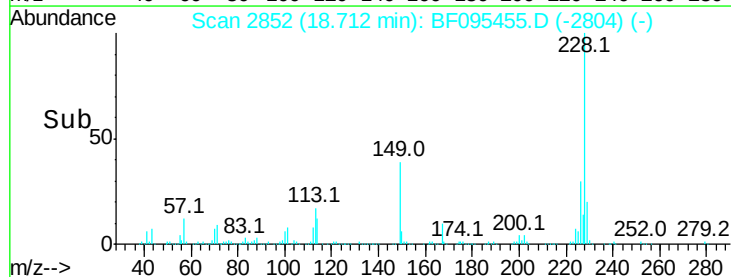
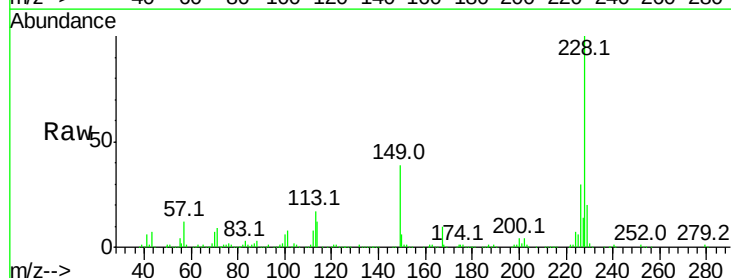
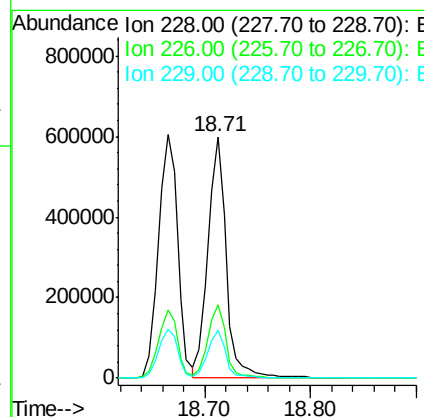
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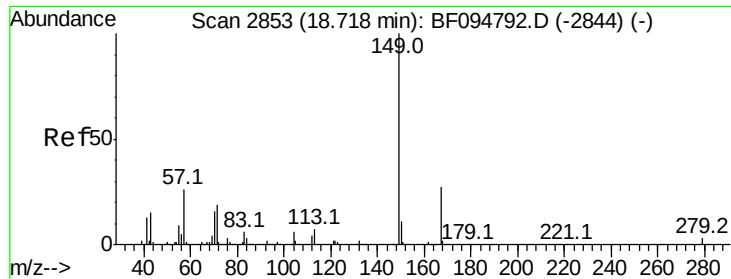
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#82
 Chrysene
 Concen: 38.64 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.7	15.8	23.6





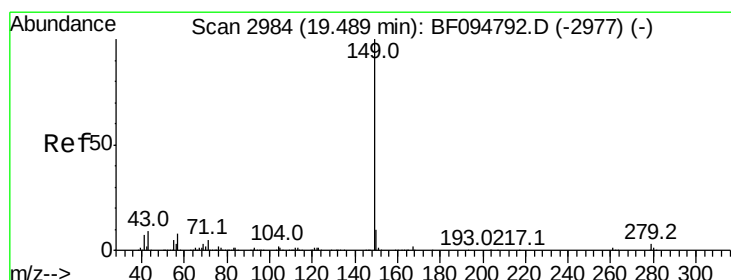
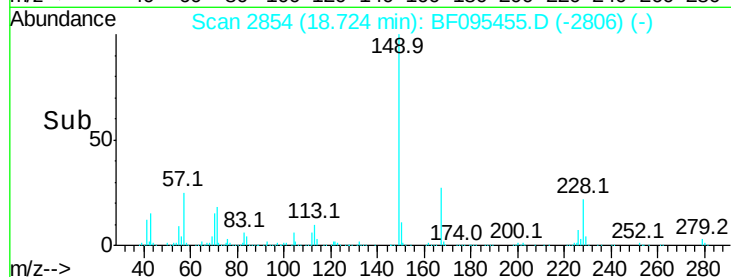
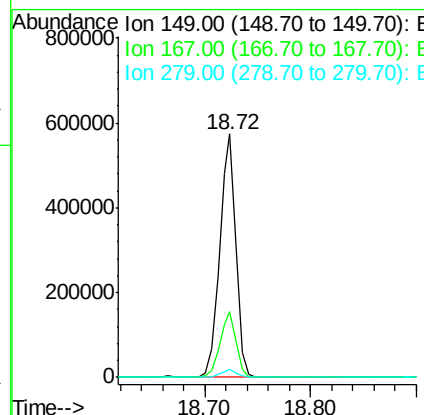
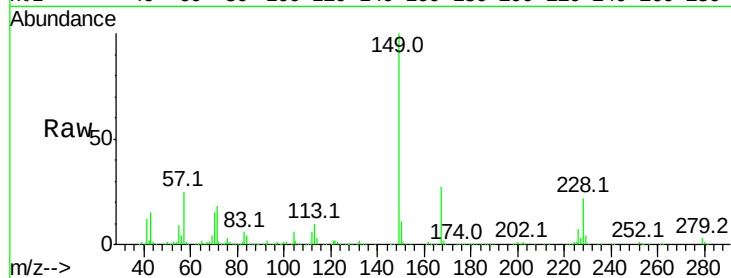
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.75 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.1	1.9	2.9#

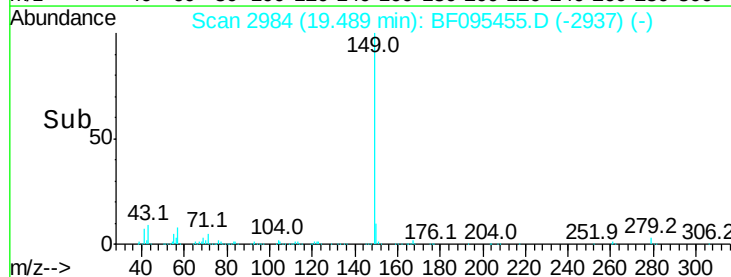
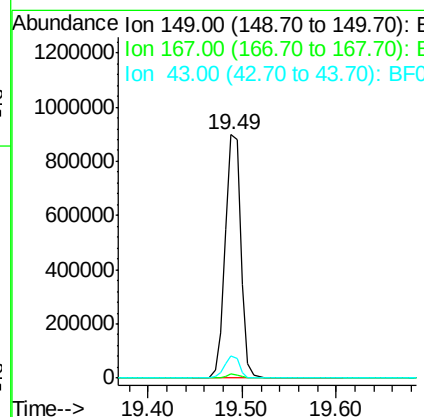
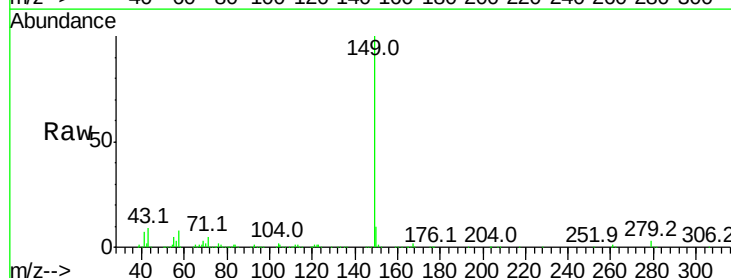
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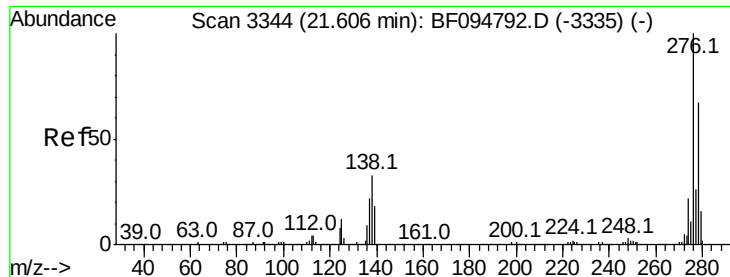
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#84
 Di-n-octyl phthalate
 Concen: 38.70 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.5	12.7





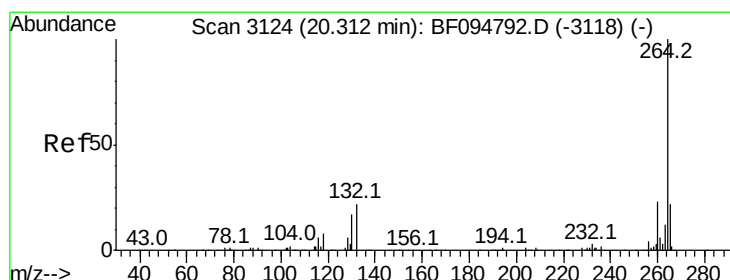
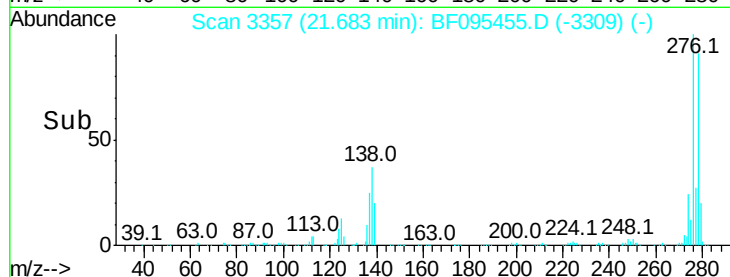
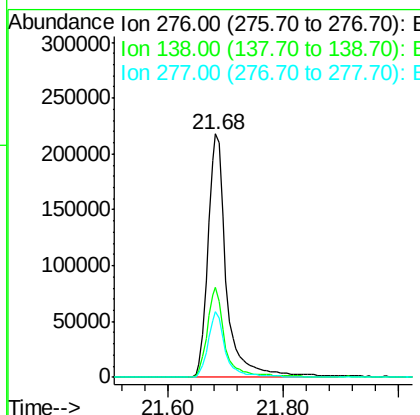
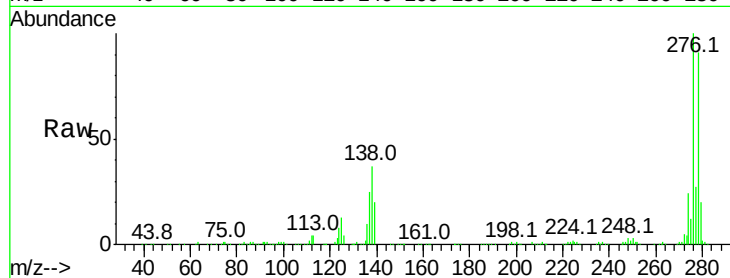
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.47 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.5	20.2	30.4

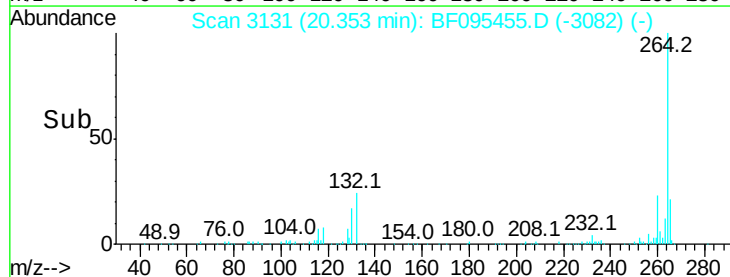
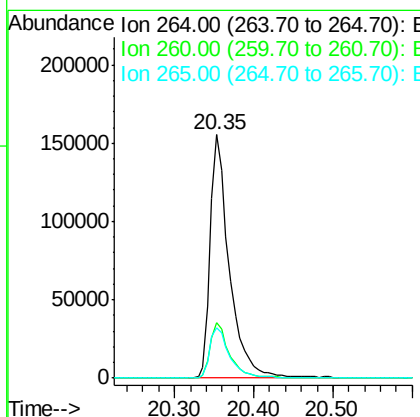
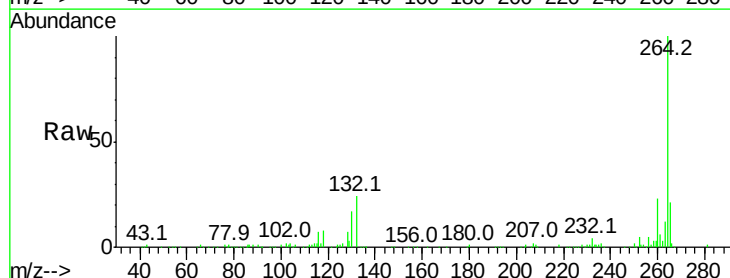
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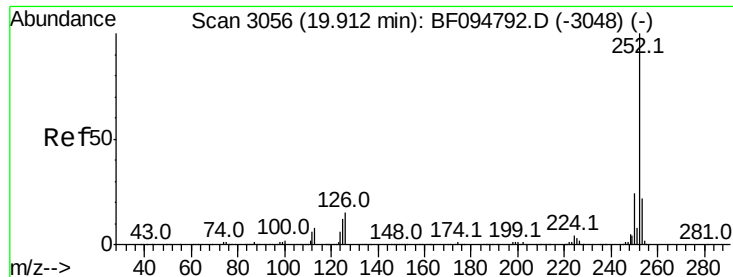
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.88 ng

RT: 19.94 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Instrument :

BNA_F

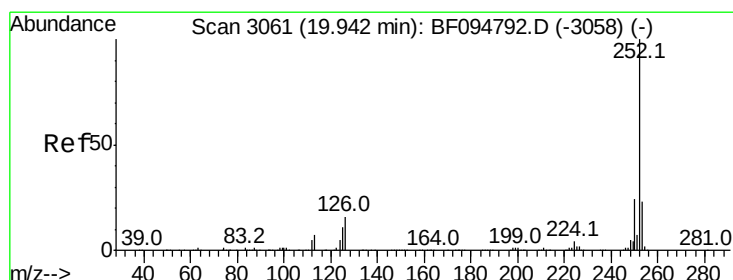
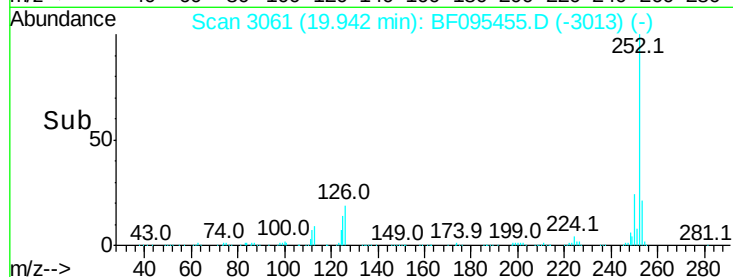
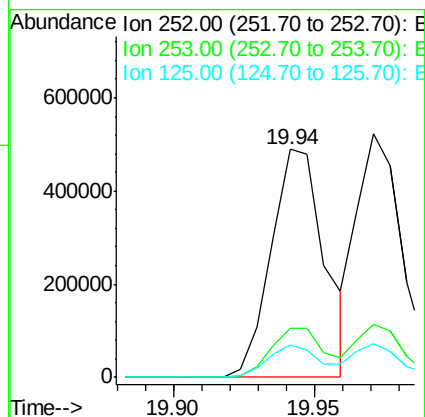
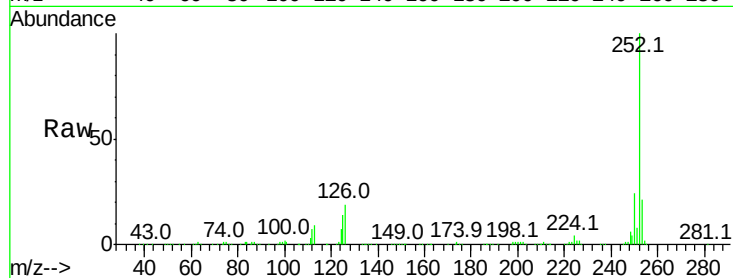
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	644621
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	14.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.07 ng

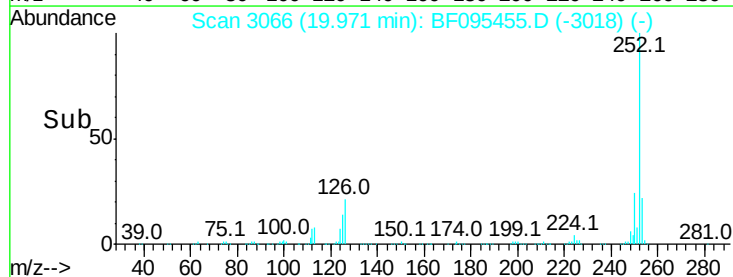
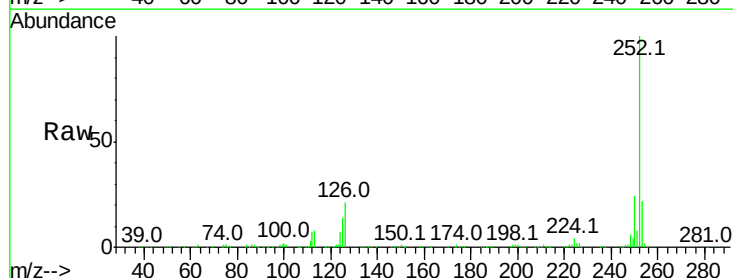
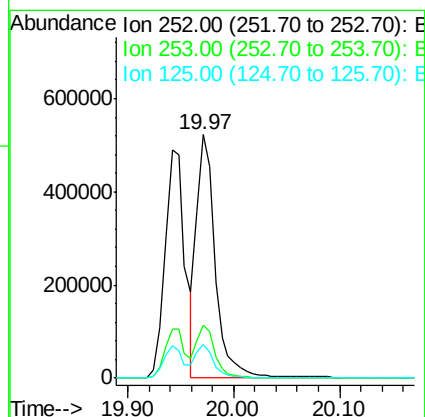
RT: 19.97 min Scan# 3066

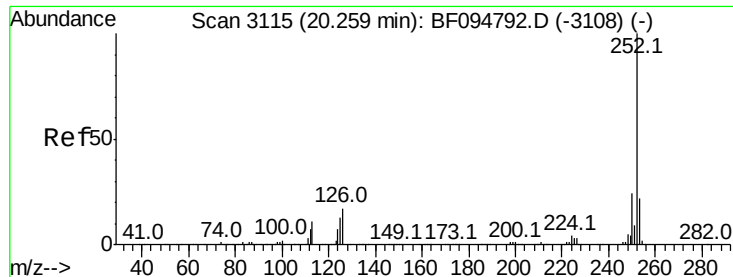
Delta R.T. -0.02 min

Lab File: BF095455.D

Acq: 26 May 2017 12:01

Tgt Ion:	252	Resp:	624738
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	14.0	13.1	19.7





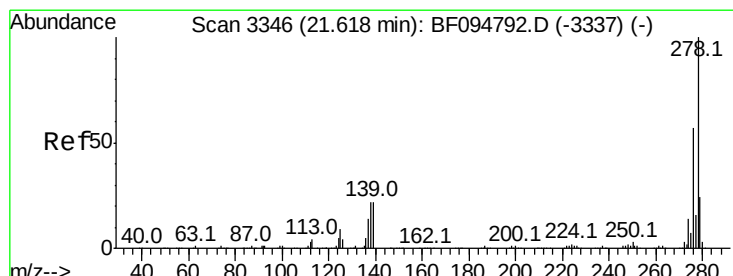
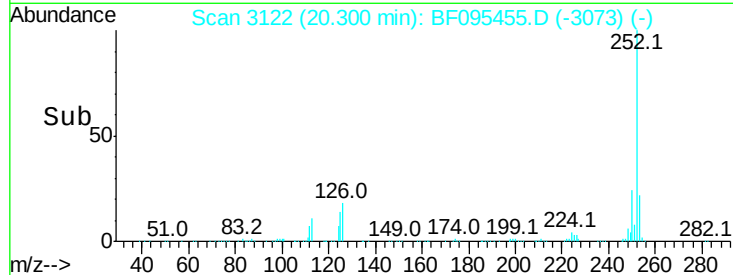
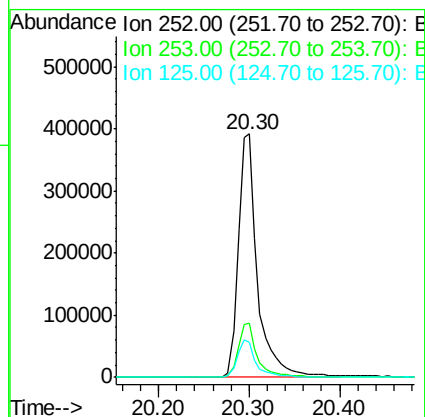
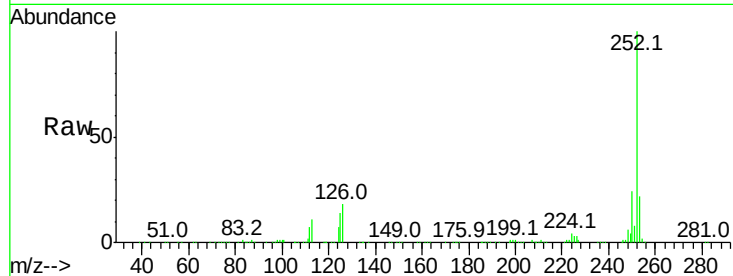
#89
Benzo(a)pyrene
Concen: 38.71 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.3	11.0	16.4

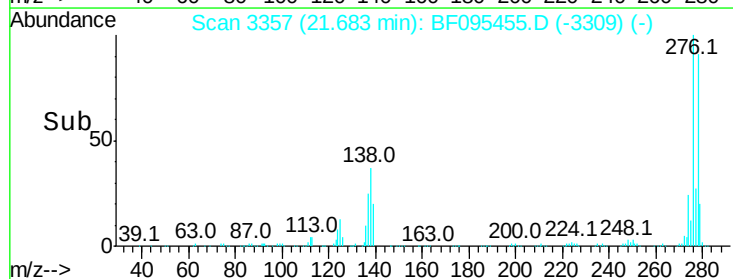
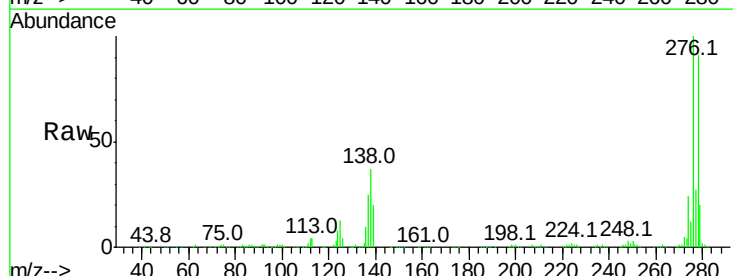
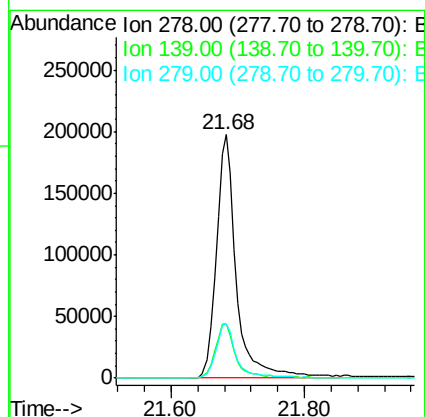
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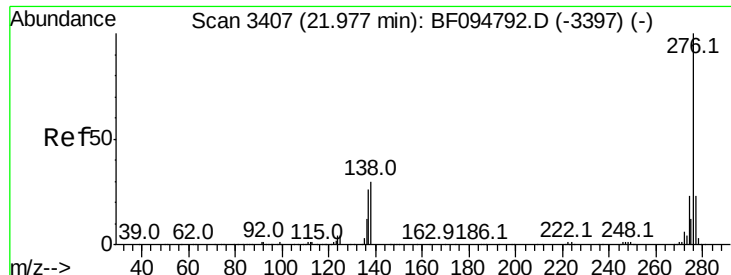
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#90
Dibenzo(a,h)anthracene
Concen: 33.90 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095455.D
Acq: 26 May 2017 12:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	22.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 35.55 ng
 RT: 22.07 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BF095455.D
 Acq: 26 May 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	429712
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	28.0
138	30.9	25.4	38.0

Manual Integrations
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