

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095499.D
 Acq On : 27 May 2017 13:33
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/31/2017 1:00:11 PM

Quant Time: May 29 01:36:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	155572	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	569443	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	276877	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	449409	20.00	ng	0.00
75) Chrysene-d12	18.68	240	335389	20.00	ng	0.00
86) Perylene-d12	20.35	264	299452	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	789748	84.63	ng	0.00
7) Phenol-d6	7.30	99	927114	82.81	ng	0.00
23) Nitrobenzene-d5	8.65	82	799818	88.57	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	180684	79.68	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1395336	72.54	ng	0.00
78) Terphenyl-d14	17.32	244	1368438	89.87	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	169167	36.97	ng	94
3) Pyridine	2.87	79	403555	38.05	ng	99
4) n-Nitrosodimethylamine	2.80	42	155726	35.22	ng	87
6) Aniline	7.25	93	549062	38.85	ng	97
8) 2-Chlorophenol	7.44	128	446239	42.02	ng	95
9) Benzaldehyde	7.07	77	223761	32.73	ng	98
10) Phenol	7.31	94	440480	37.33	ng	87
11) bis(2-Chloroethyl)ether	7.38	93	391644	40.21	ng	96
12) 1,3-Dichlorobenzene	7.64	146	495501	41.13	ng	96
13) 1,4-Dichlorobenzene	7.77	146	488419	39.98	ng	97
14) 1,2-Dichlorobenzene	8.00	146	464463	40.73	ng	96
15) Benzyl Alcohol	8.04	79	329711	45.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	549393	39.85	ng	95
17) 2-Methylphenol	8.24	107	365079	42.00	ng	97
18) Hexachloroethane	8.51	117	160001	38.66	ng	# 86
19) n-Nitroso-di-n-propylamine	8.46	70	306532	40.48	ng	92
20) 3+4-Methylphenols	8.50	107	475553	40.26	ng	# 58
22) Acetophenone	8.42	105	605260	44.30	ng	# 83
24) Nitrobenzene	8.68	77	415618	43.91	ng	92
25) Isophorone	9.08	82	745020	46.20	ng	95
26) 2-Nitrophenol	9.18	139	241751	47.33	ng	99
27) 2,4-Dimethylphenol	9.32	122	375534	45.48	ng	98
28) bis(2-Chloroethoxy)methane	9.44	93	504995	45.27	ng	99
29) 2,4-Dichlorophenol	9.61	162	350519	44.96	ng	99
30) 1,2,4-Trichlorobenzene	9.69	180	358600	42.93	ng	99
31) Naphthalene	9.80	128	1130033	39.48	ng	100
32) Benzoic acid	9.70	122	216307	40.75	ng	87
33) 4-Chloroaniline	9.94	127	463532	43.46	ng	# 94
34) Hexachlorobutadiene	10.00	225	182538	41.41	ng	98
35) Caprolactam	10.60	113	103030m	44.01	ng	
36) 4-Chloro-3-methylphenol	10.80	107	387904	46.53	ng	89
37) 2-Methylnaphthalene	10.92	142	818350	43.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	331180	38.90	ng	99
40) Hexachlorocyclopentadiene	11.17	237	124473	38.20	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	231892	40.79	nq	100
43) 2,4,5-Trichlorophenol	11.52	196	208713	34.16	nq	94
45) 1,1'-Biphenyl	11.69	154	924619	39.66	nq	98
46) 2-Chloronaphthalene	11.71	162	744830	39.57	nq	96
47) 2-Nitroaniline	11.93	65	227373	44.13	nq	# 83
48) Acenaphthylene	12.37	152	1160722	39.37	nq	98
49) Dimethylphthalate	12.24	163	879881	38.71	nq	99
50) 2,6-Dinitrotoluene	12.34	165	186345	40.18	nq	# 93
51) Acenaphthene	12.65	154	675296	38.35	nq	99
52) 3-Nitroaniline	12.62	138	211047	42.40	nq	87
53) 2,4-Dinitrophenol	12.84	184	79417	34.91	nq	# 68
54) Dibenzofuran	12.94	168	975269	40.02	nq	97
55) 4-Nitrophenol	13.04	139	98628m	32.99	nq	
56) 2,4-Dinitrotoluene	13.01	165	262294	44.02	nq	# 91
57) Fluorene	13.49	166	817238	38.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	153683	39.96	nq	# 82
59) Diethylphthalate	13.38	149	852983	39.15	nq	100
60) 4-Chlorophenyl-phenylether	13.51	204	362375	38.91	nq	89
61) 4-Nitroaniline	13.62	138	178976	39.17	nq	94
62) Azobenzene	13.77	77	703931	40.21	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	136690	45.37	nq	# 65
65) n-Nitrosodiphenylamine	13.72	169	708858	43.46	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	211346	44.51	nq	99
67) Hexachlorobenzene	14.39	284	207172	42.58	nq	# 85
68) Atrazine	14.65	200	165044	35.84	nq	98
69) Pentachlorophenol	14.75	266	93744	45.35	nq	92
70) Phenanthrene	15.04	178	1006814	38.99	nq	98
71) Anthracene	15.12	178	1063335	40.31	nq	98
72) Carbazole	15.41	167	1052015	43.84	nq	98
73) Di-n-butylphthalate	15.96	149	1335968	44.64	nq	99
74) Fluoranthene	16.78	202	1186107	44.78	nq	99
76) Benzidine	17.02	184	98700	15.98	nq	# 94
77) Pyrene	17.08	202	1209733m	48.23	nq	
79) Butylbenzylphthalate	17.98	149	565244	48.45	nq	88
80) Benzo(a)anthracene	18.67	228	762854	39.08	nq	99
81) 3,3'-Dichlorobenzidine	18.64	252	264054	39.17	nq	# 96
82) Chrysene	18.71	228	733707	38.87	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	619045	37.24	nq	# 100
84) Di-n-octyl phthalate	19.49	149	1181546	43.35	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	536716	35.02	nq	100
87) Benzo(b)fluoranthene	19.94	252	707795	38.25	nq	98
88) Benzo(k)fluoranthene	19.97	252	762401	42.71	nq	# 96
89) Benzo(a)pyrene	20.29	252	663798	38.88	nq	98
90) Dibenzo(a,h)anthracene	21.68	278	452225	32.07	nq	97
91) Benzo(g,h,i)perylene	22.06	276	508829	36.77	nq	99

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

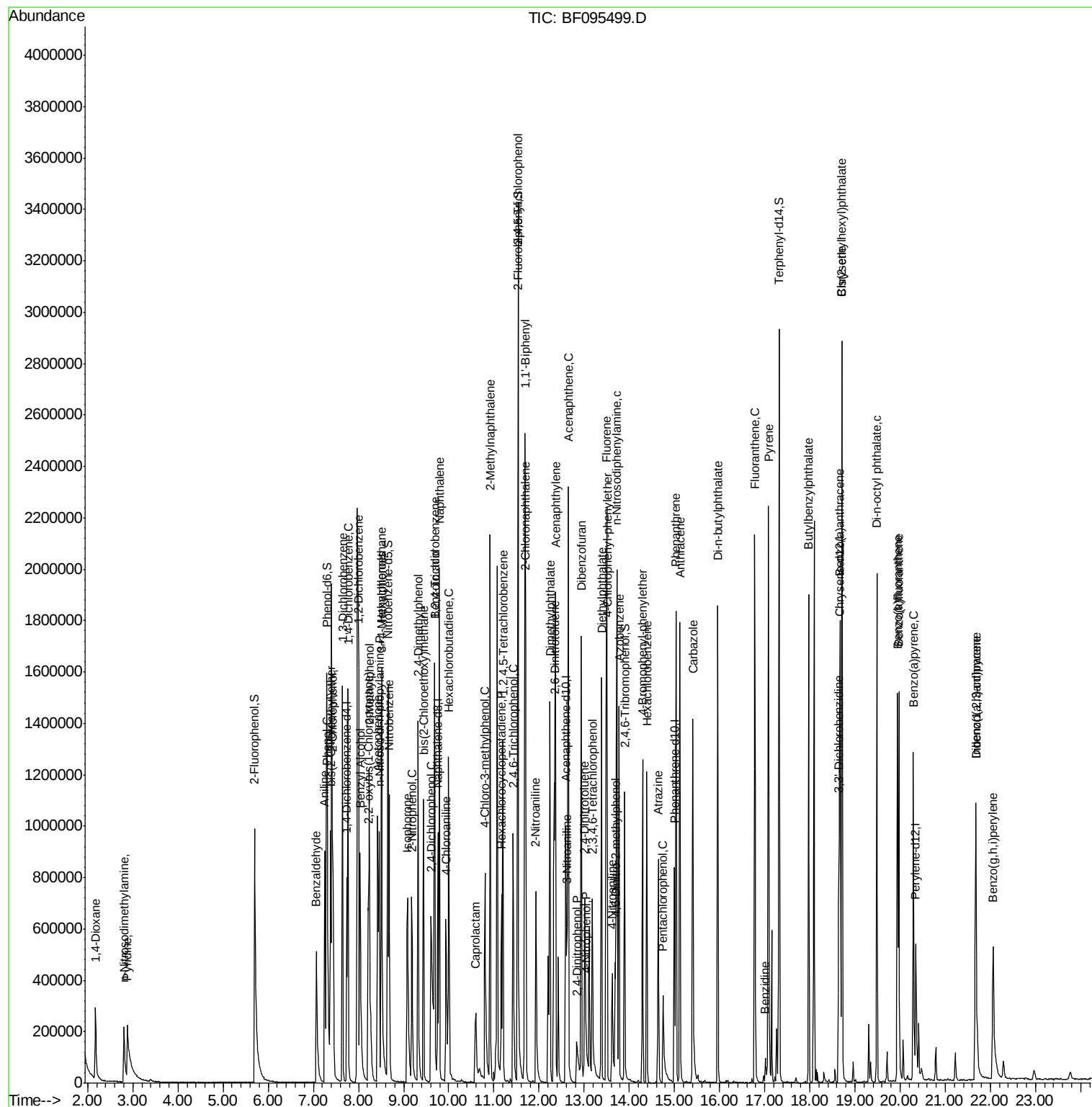
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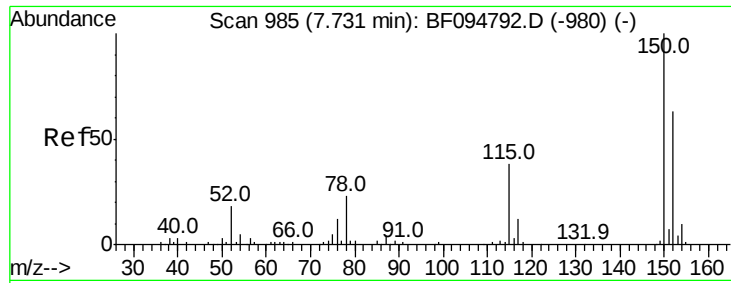
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#1

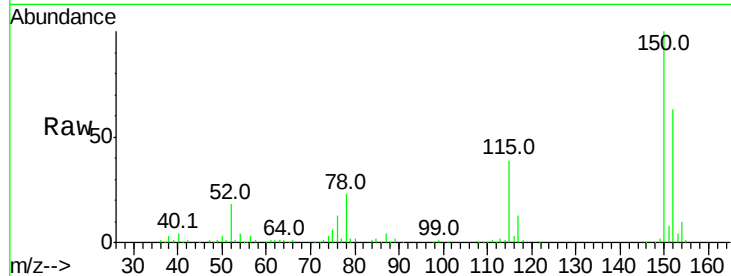
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

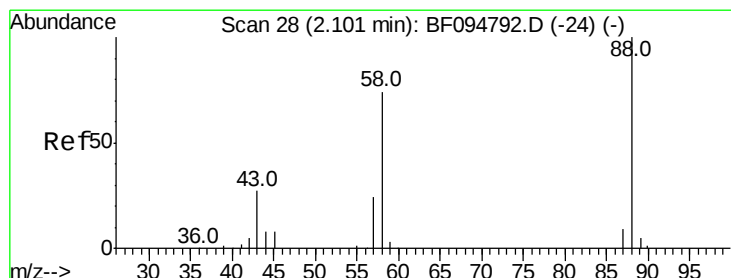
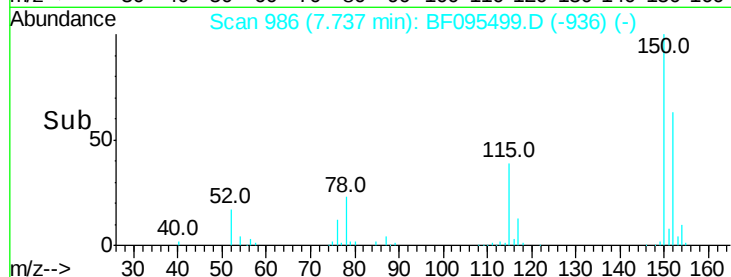
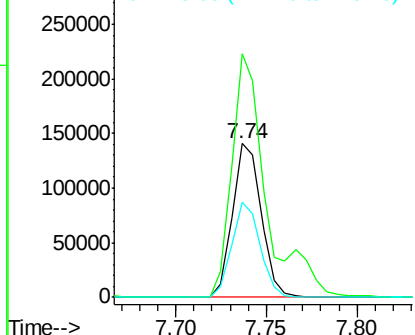
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.7	52.2	78.2

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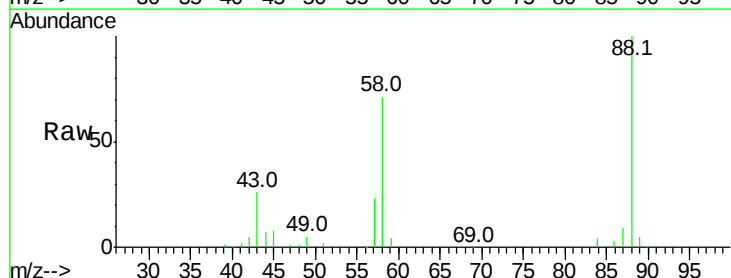
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



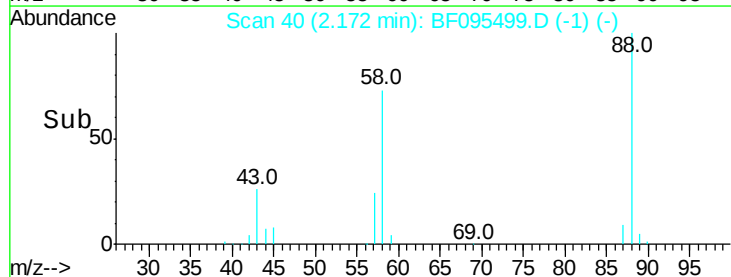
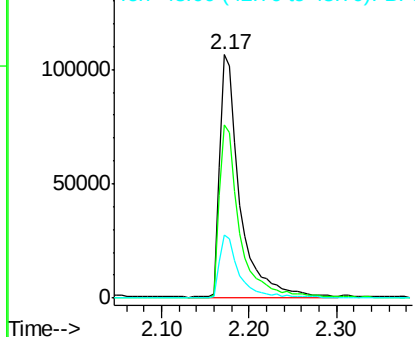
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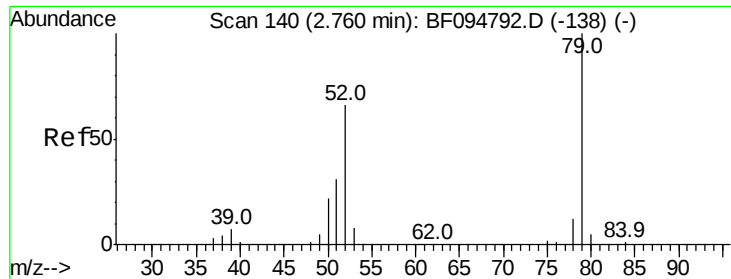
1,4-Dioxane
Concen: 36.97 ng
RT: 2.17 min Scan# 40
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

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



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





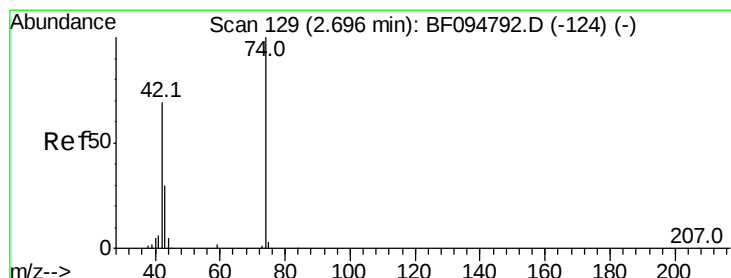
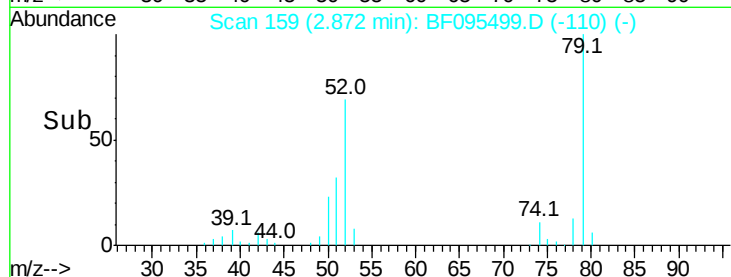
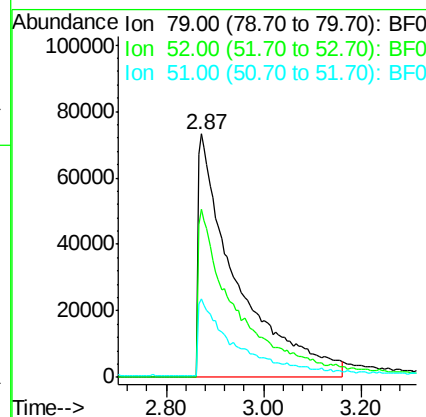
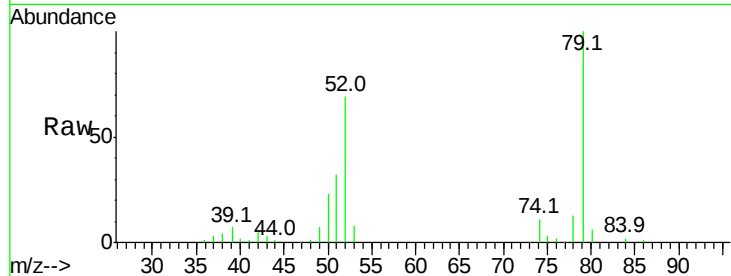
#3
 Pvridine
 Concen: 38.05 ng
 RT: 2.87 min Scan# 159
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	54.8	82.2
51	32.4	27.0	40.4

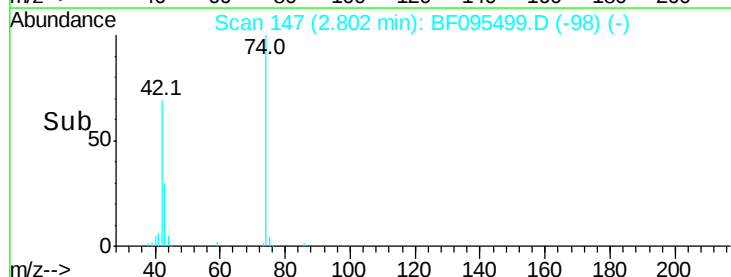
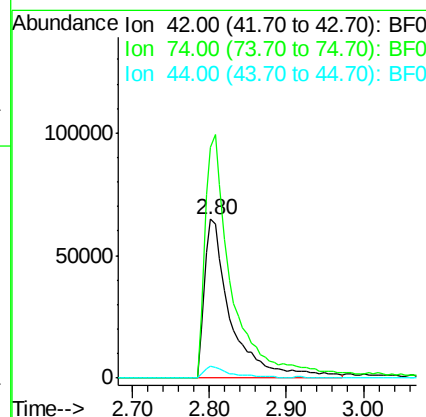
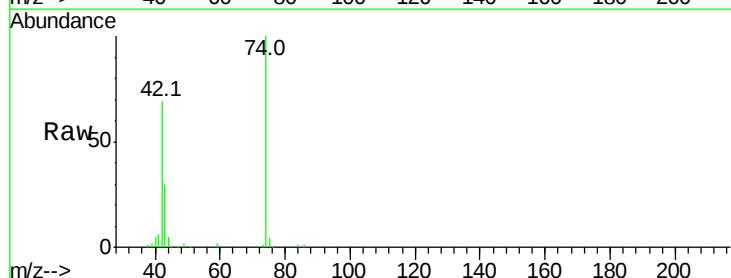
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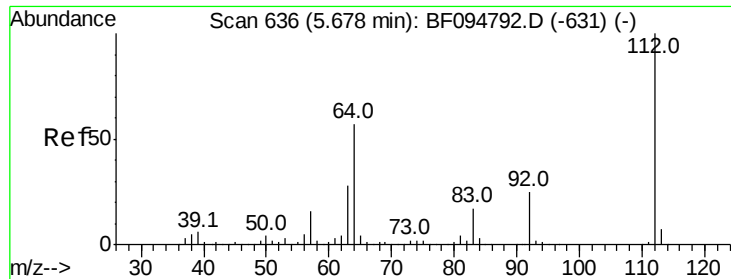
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#4
 n-Nitrosodimethylamine
 Concen: 35.22 ng
 RT: 2.80 min Scan# 147
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.6	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 84.63 ng

RT: 5.70 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

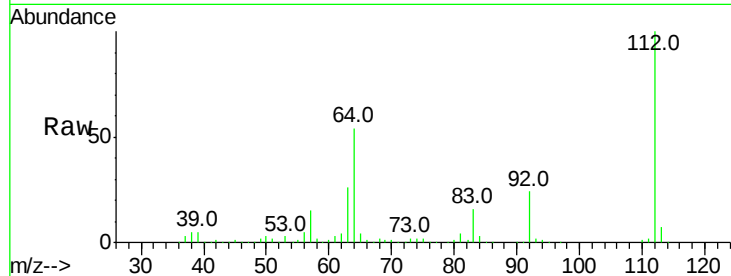
ClientSampled :

SSTDCCC040

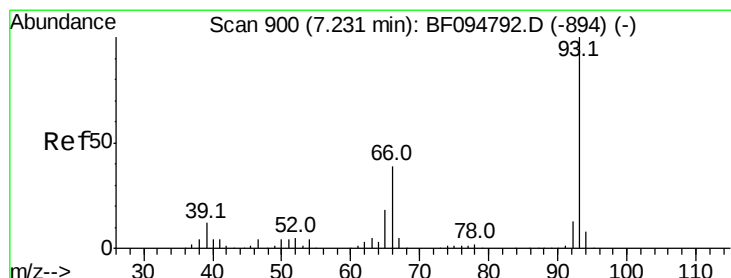
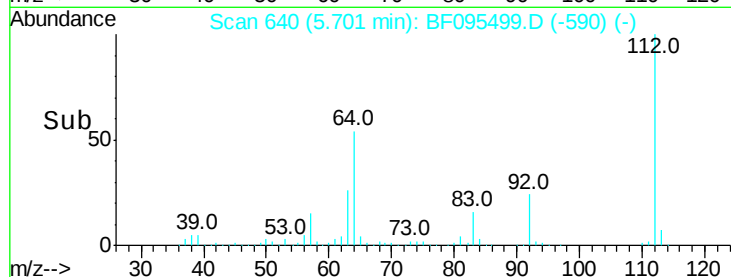
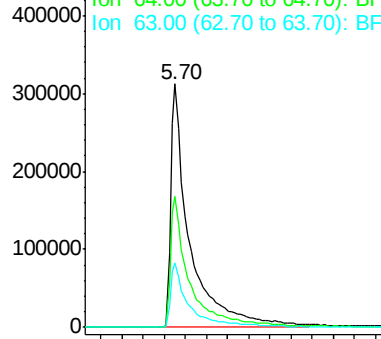
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		789748		
64	53.8	46.0	69.0		
63	26.2	23.4	35.0		

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 38.85 ng

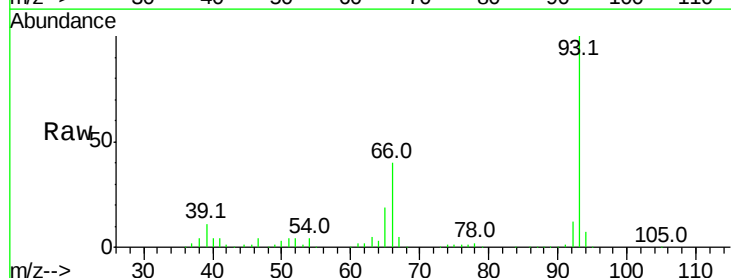
RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

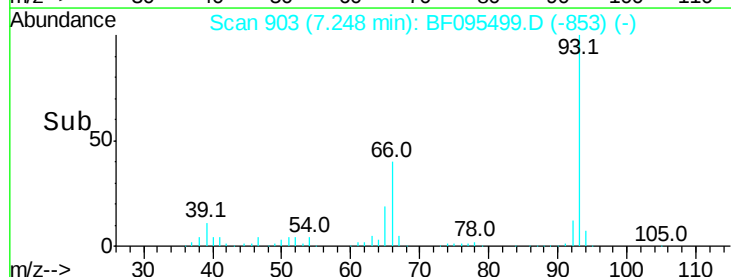
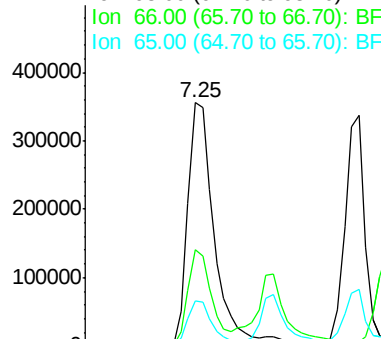
Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		549062		
66	39.7	32.9	49.3		
65	18.6	16.0	24.0		



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 82.81 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

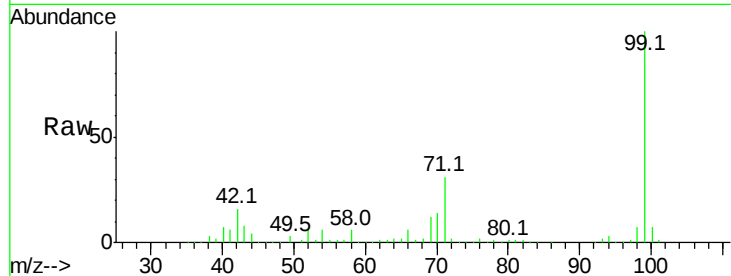
ClientSampleId :

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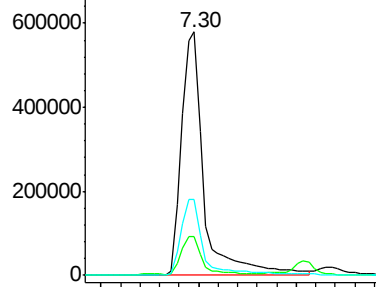
Tot Ion:	99	Resp:	927114
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.3	24.5	36.7

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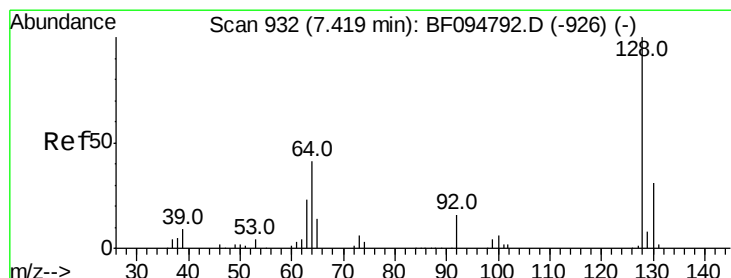
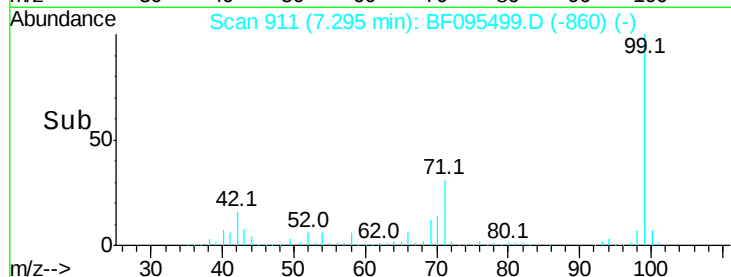
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 42.02 ng

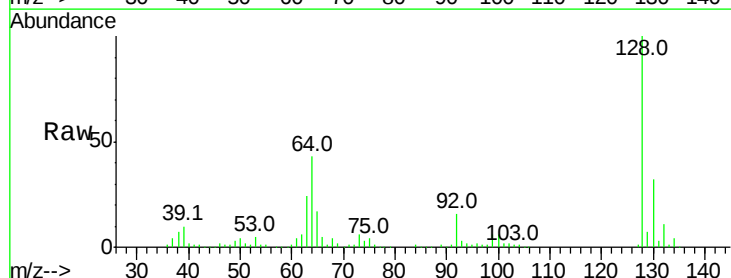
RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

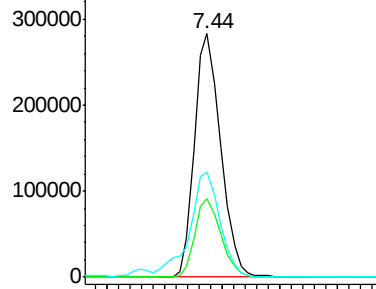
Lab File: BF095499.D

Acq: 27 May 2017 13:33

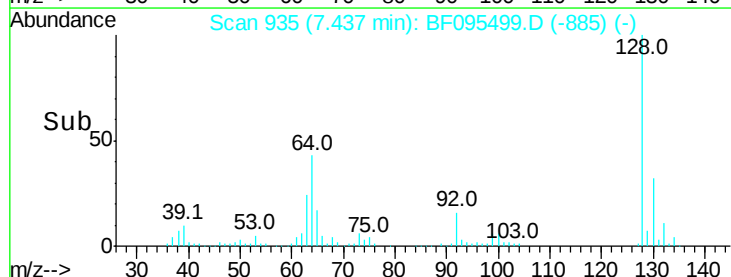
Tgt Ion:	128	Resp:	446239
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	43.1	28.4	68.4

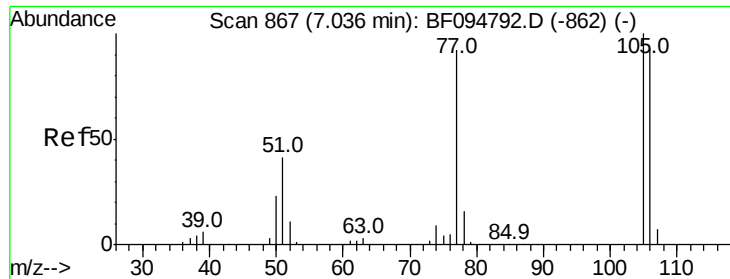


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 32.73 ng

RT: 7.07 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

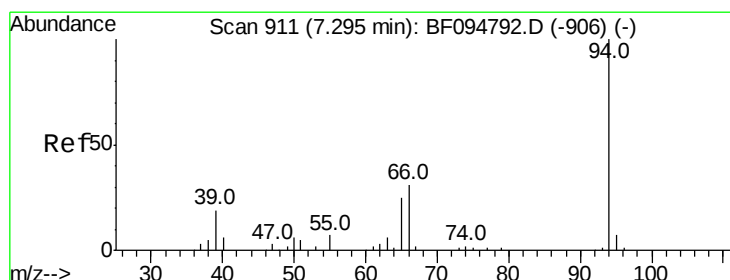
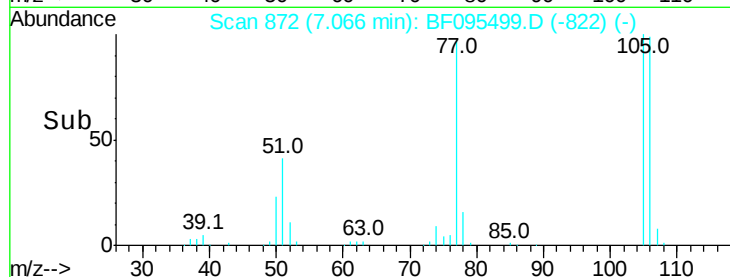
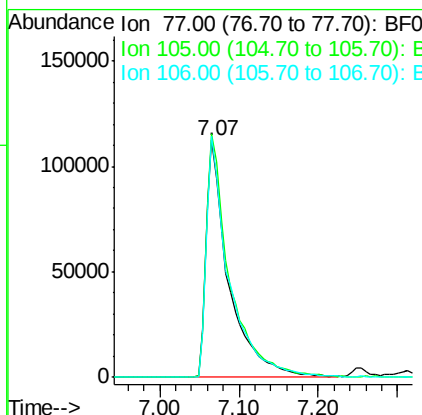
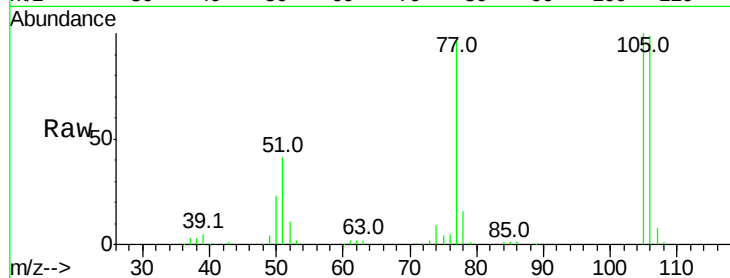
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	223761
Ion	Ratio	Lower	Upper
77	100		
105	102.7	83.8	123.8
106	102.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.33 ng

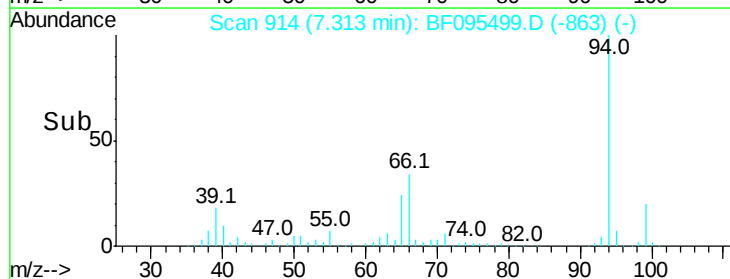
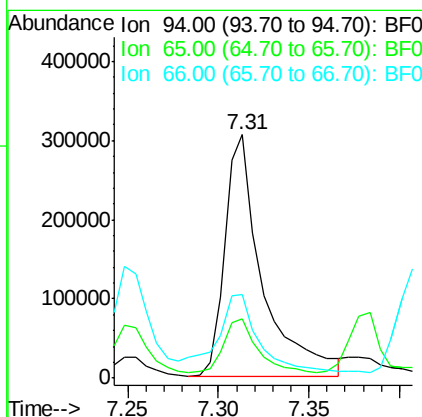
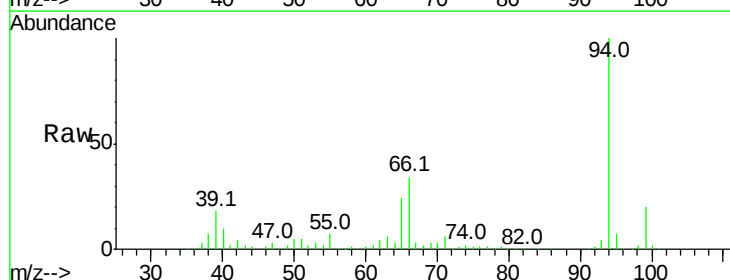
RT: 7.31 min Scan# 914

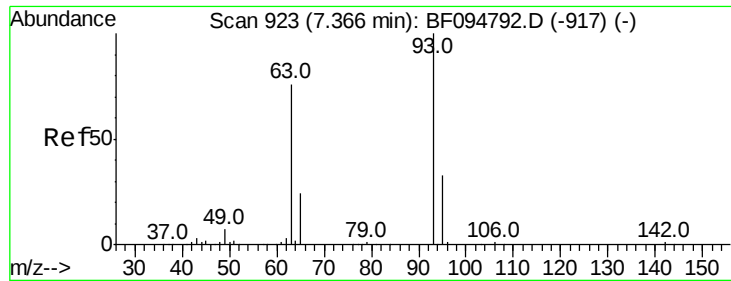
Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:	94	Resp:	440480
Ion	Ratio	Lower	Upper
94	100		
65	24.2	9.9	49.9
66	34.1	23.1	63.1





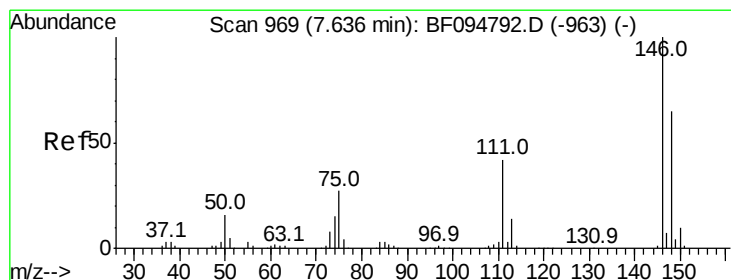
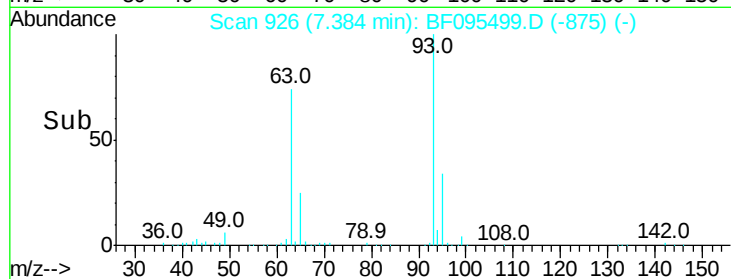
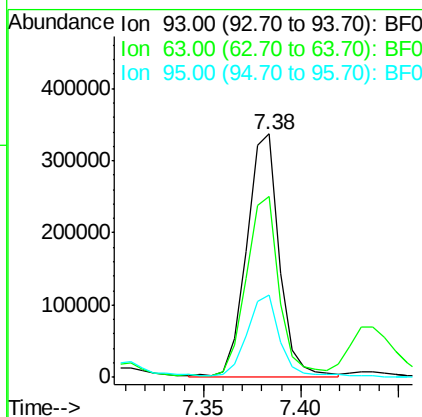
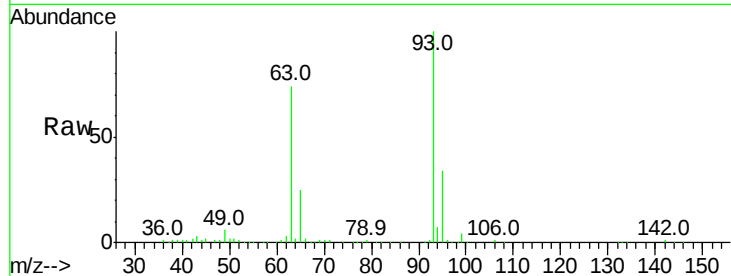
#11
bis(2-Chloroethyl)ether
Concen: 40.21 ng
RT: 7.38 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	391644		
63	74.2	59.2	99.2	
95	33.6	12.8	52.8	

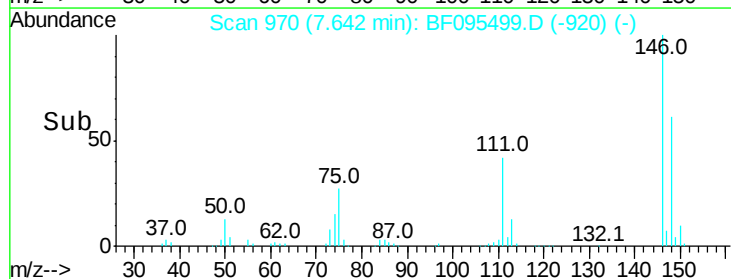
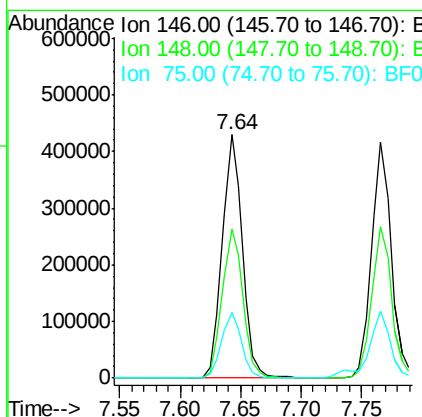
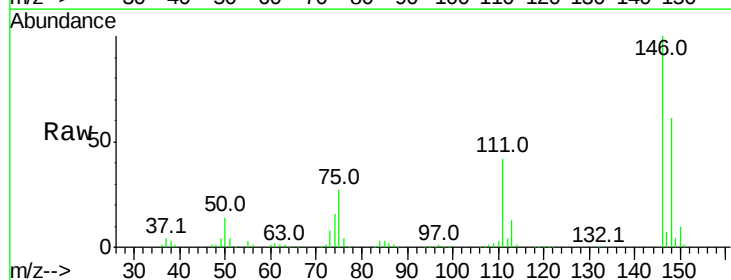
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#12
1,3-Dichlorobenzene
Concen: 41.13 ng
RT: 7.64 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	495501		
148	61.4	51.8	77.6	
75	27.0	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 39.98 ng

RT: 7.77 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

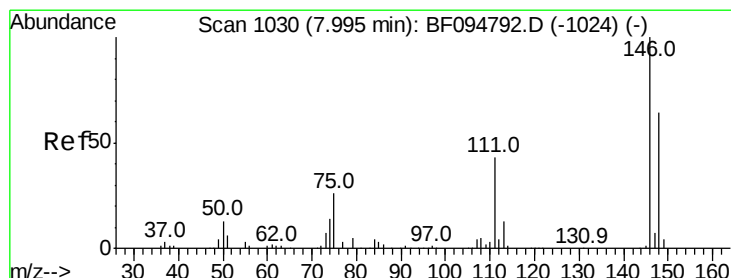
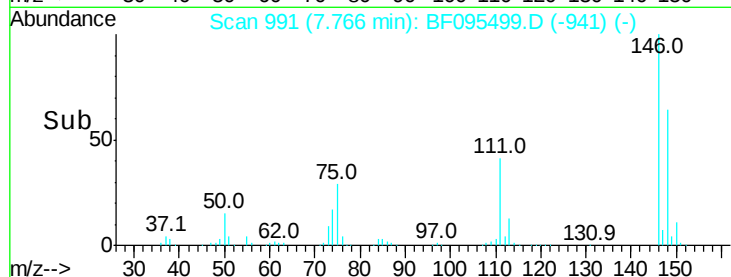
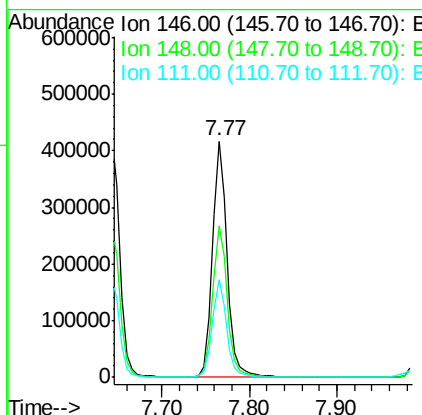
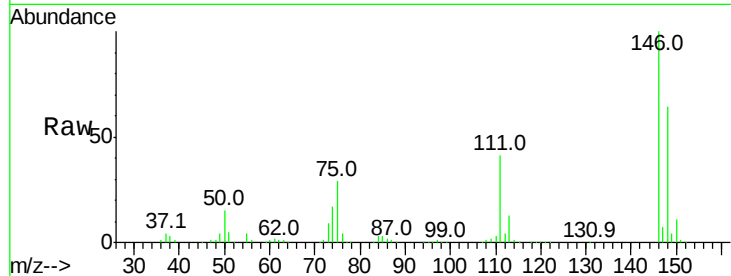
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	488419
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	41.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 40.73 ng

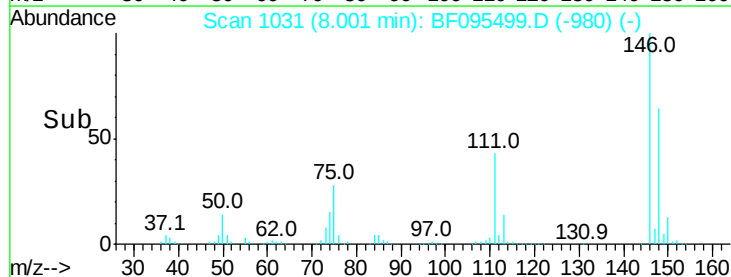
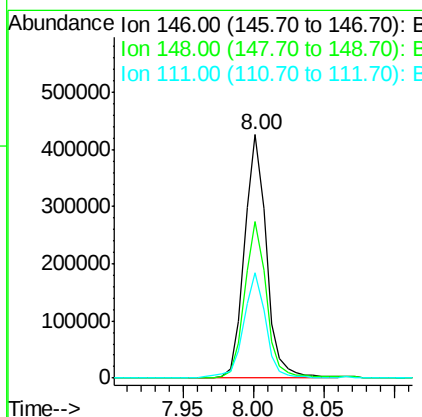
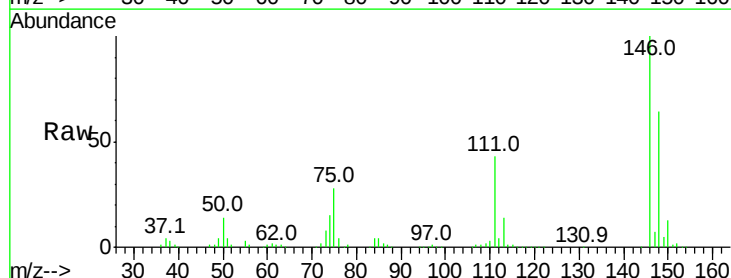
RT: 8.00 min Scan# 1031

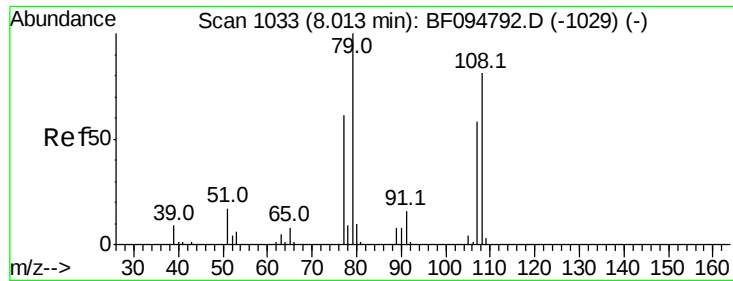
Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:	146	Resp:	464463
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.4	75.6
111	43.3	38.2	57.4





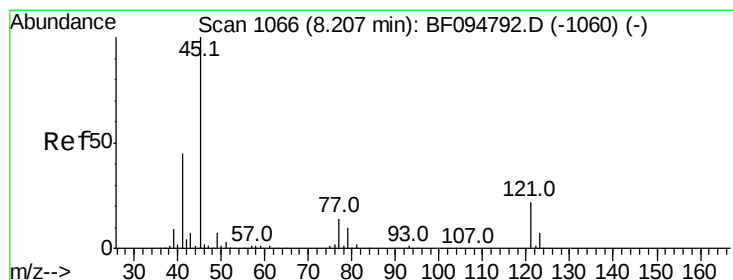
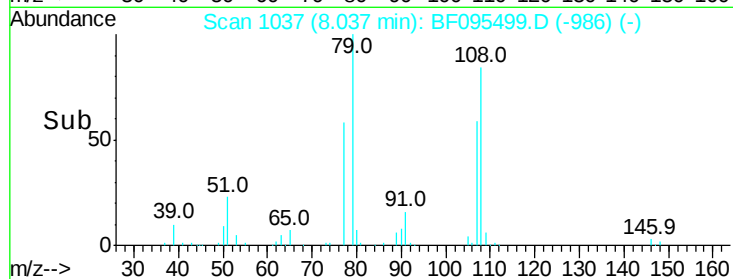
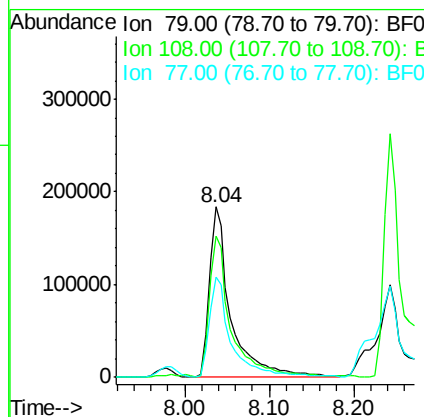
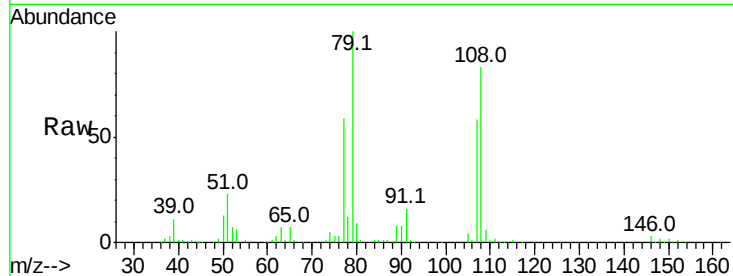
#15
Benzyl Alcohol
Concen: 45.79 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	63.4	95.0
77	59.0	49.2	73.8

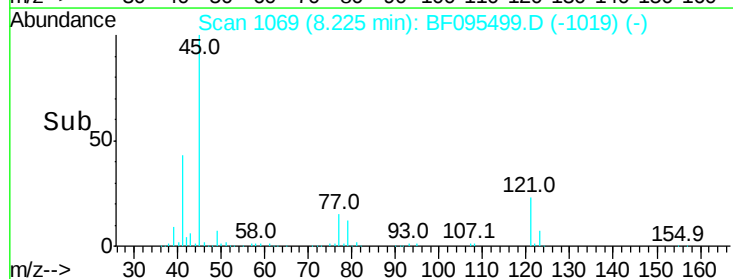
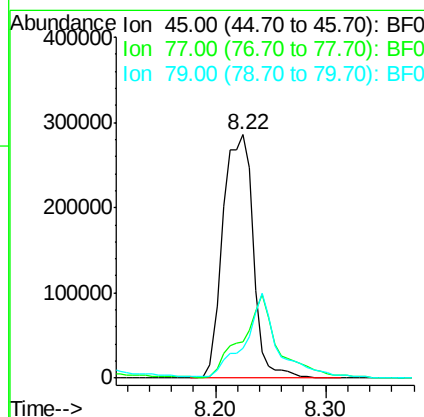
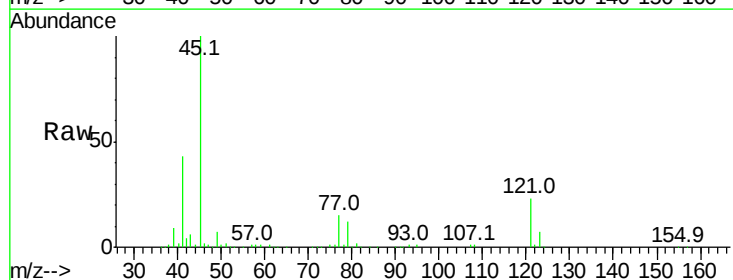
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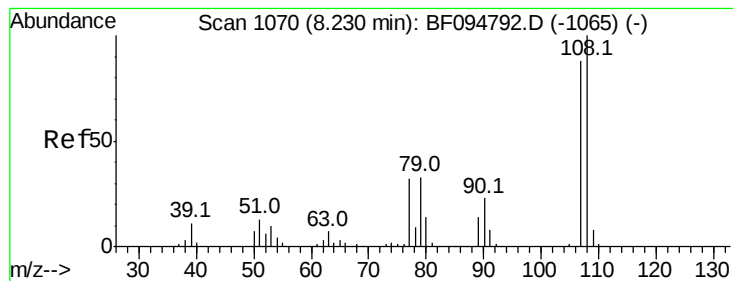
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.85 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.2
79	12.2	0.0	30.0





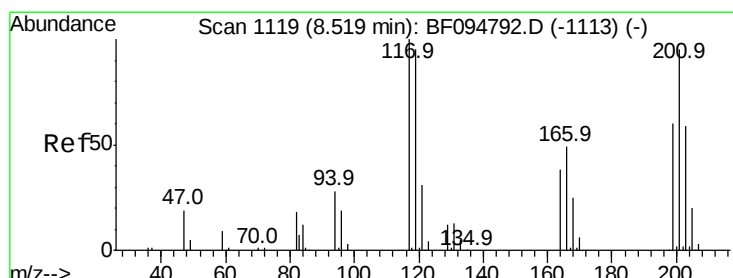
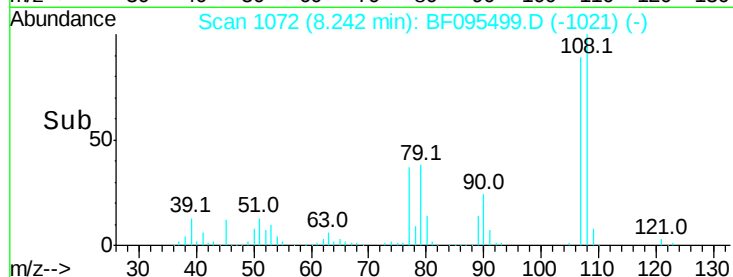
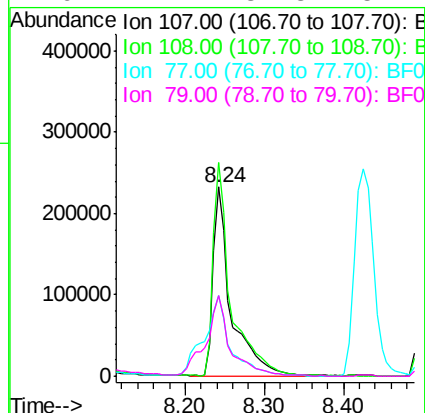
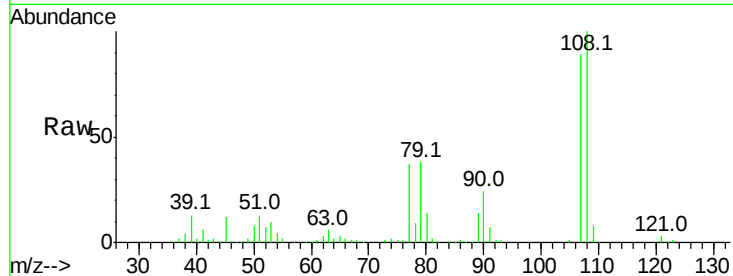
#17
2-Methylphenol
Concen: 42.00 ng
RT: 8.24 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	365079
Ion Ratio	Lower	Upper	
107	100		
108	113.0	93.4	140.0
77	42.3	35.8	53.6
79	42.7	34.8	52.2

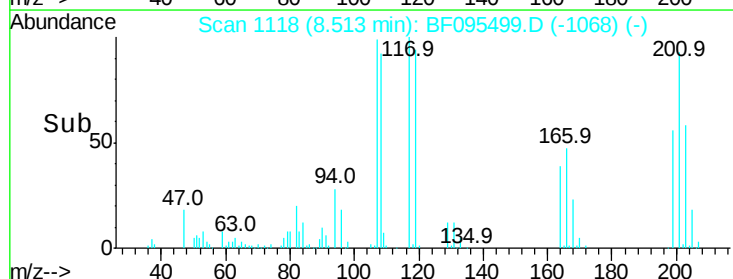
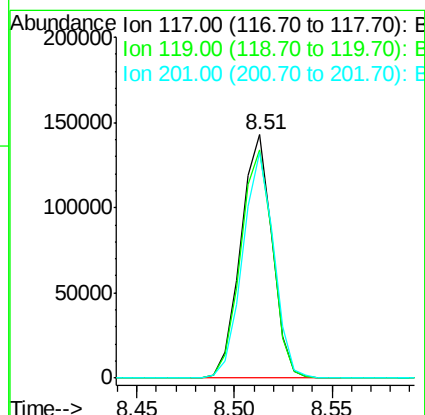
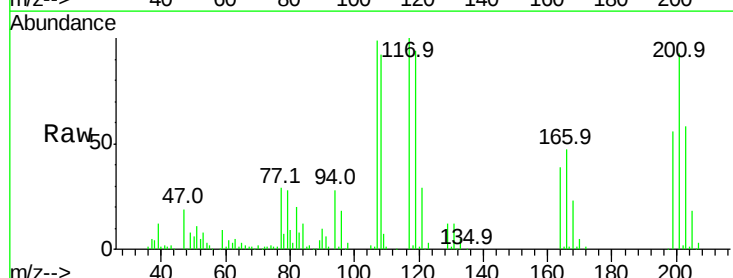
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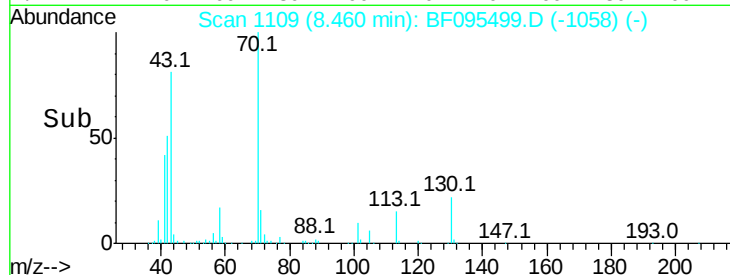
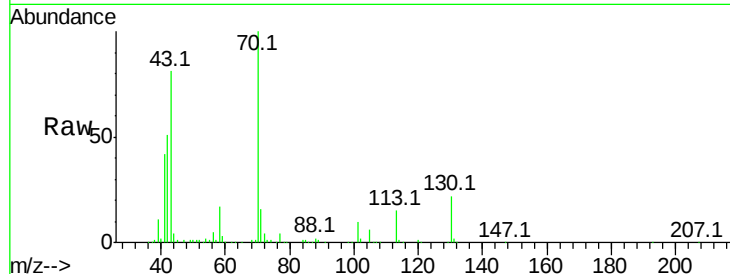
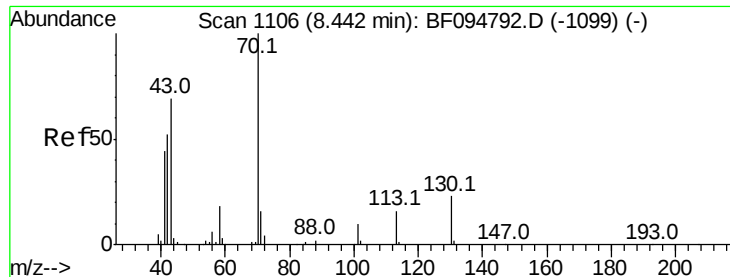
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#18
Hexachloroethane
Concen: 38.66 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	117	Resp	160001
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.0
201	92.9	94.6	141.8#





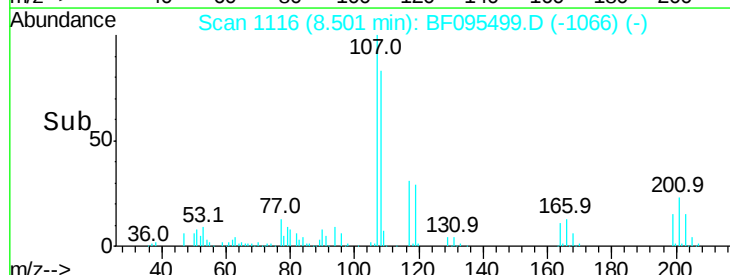
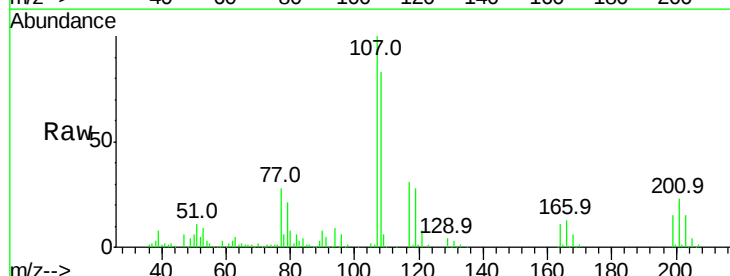
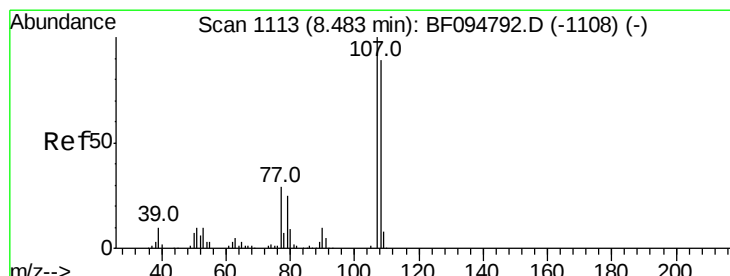
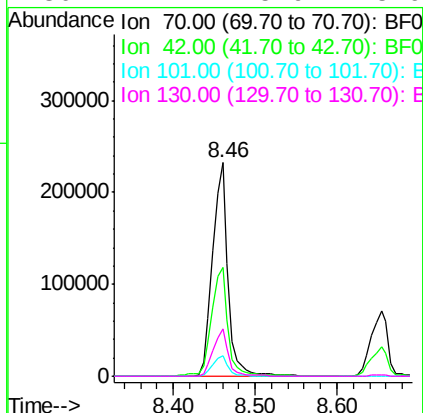
#19
n-Nitroso-di-n-propylamine
Concen: 40.48 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.1	47.2	70.8	
101	9.7	7.2	10.8	
130	22.2	15.9	23.9	

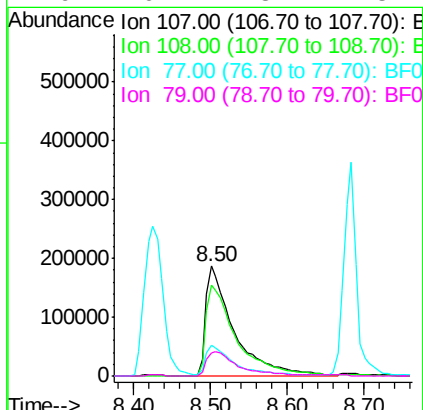
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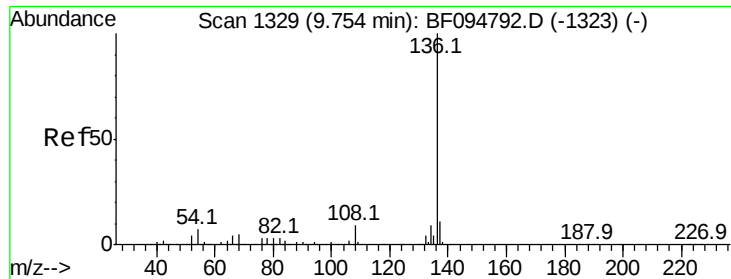
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#20
3+4-Methylphenols
Concen: 40.26 ng
RT: 8.50 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.3	71.0	111.0	
77	28.2	90.5	130.5#	
79	20.7	8.4	48.4	





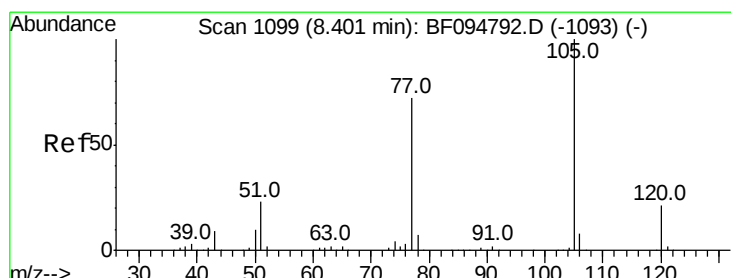
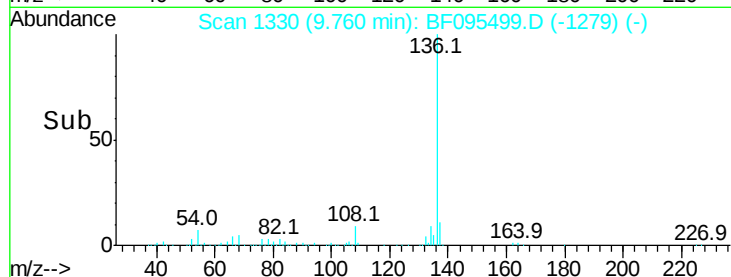
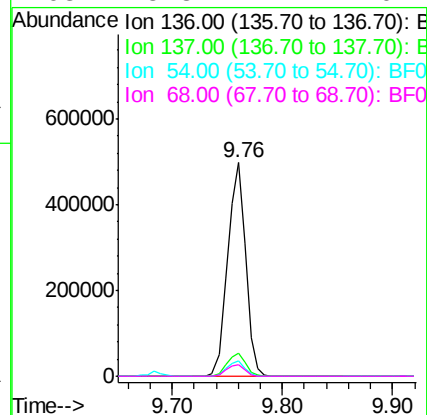
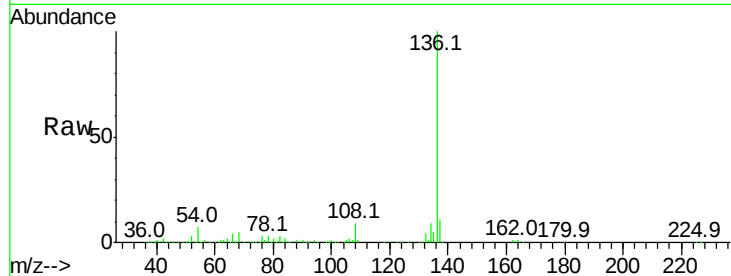
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	569443		
137	10.9		8.5	12.7
54	7.0		4.9	7.3
68	5.3		4.1	6.1

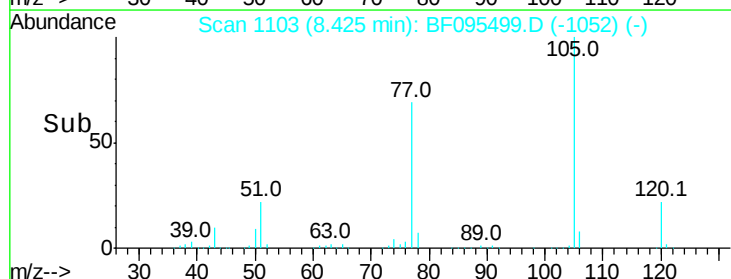
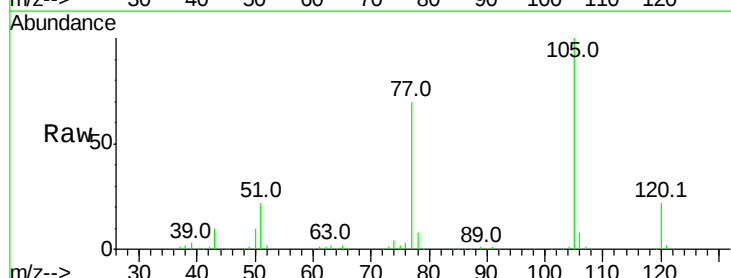
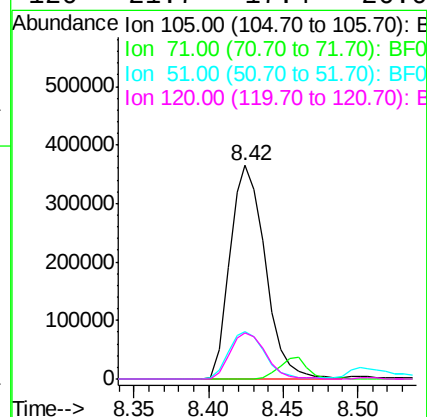
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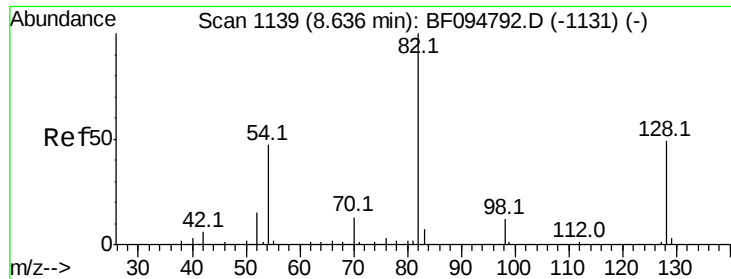
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#22
Acetophenone
Concen: 44.30 ng
RT: 8.42 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	605260		
71	0.0		2.8	4.2#
51	21.9		30.7	46.1#
120	21.7		17.4	26.0





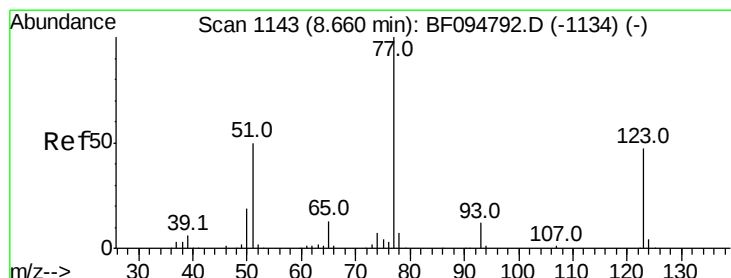
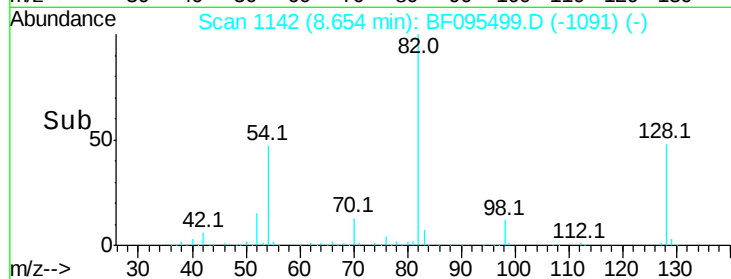
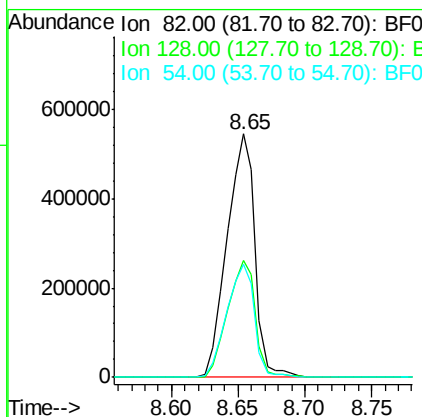
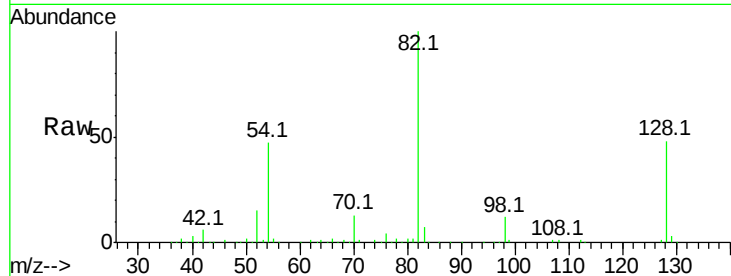
#23
 Nitrobenzene-d5
 Concen: 88.57 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	34.0	51.0	
54	46.5	42.2	63.2	

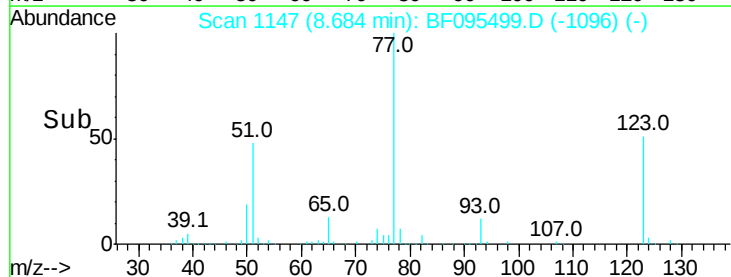
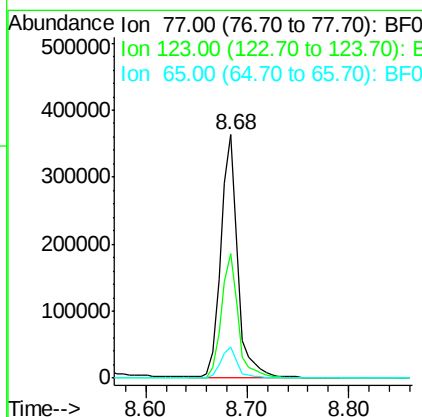
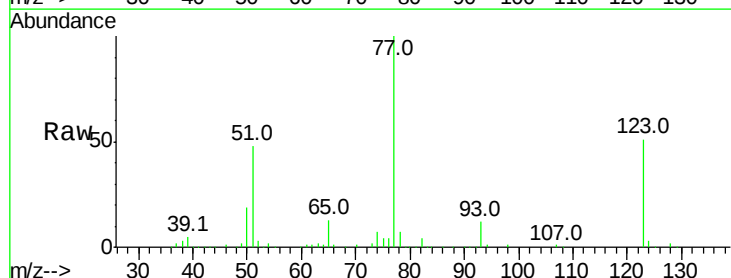
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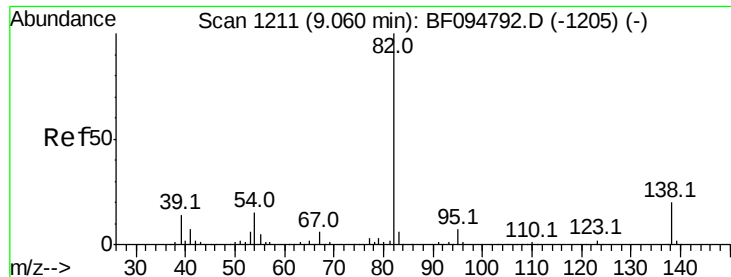
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#24
 Nitrobenzene
 Concen: 43.91 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.2	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 46.20 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

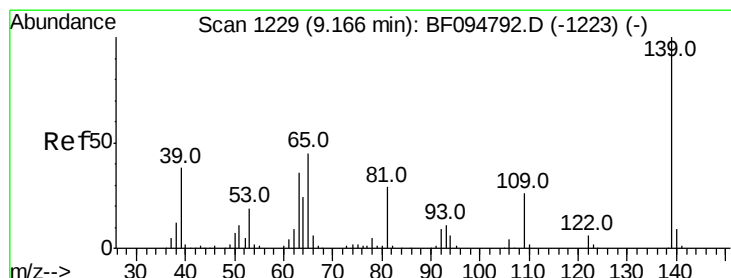
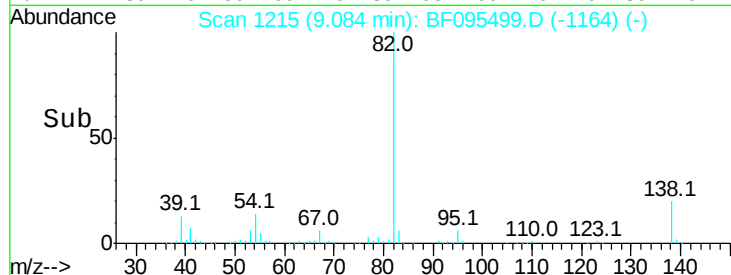
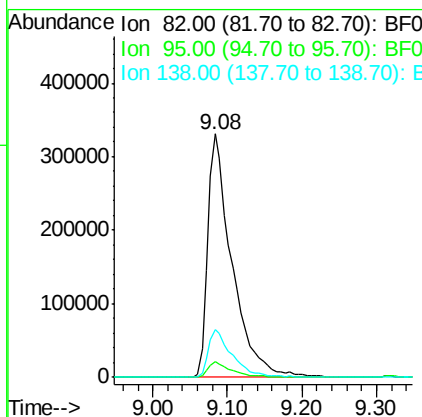
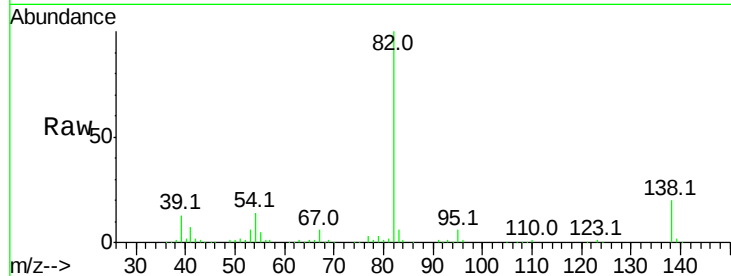
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	745020
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	19.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.33 ng

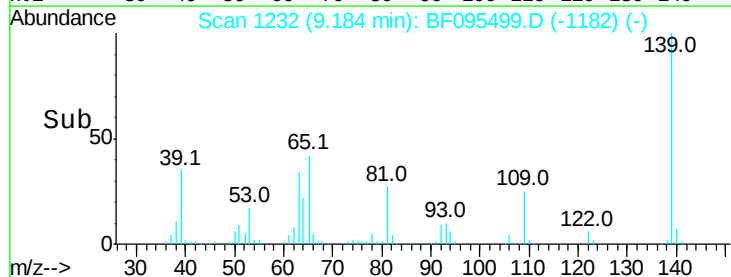
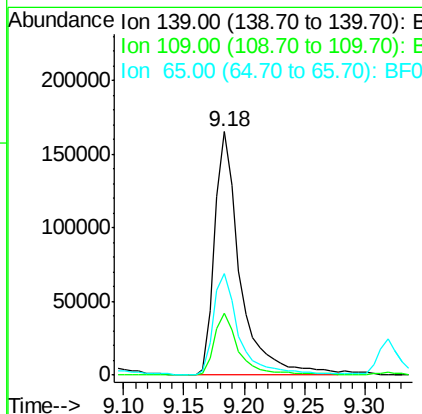
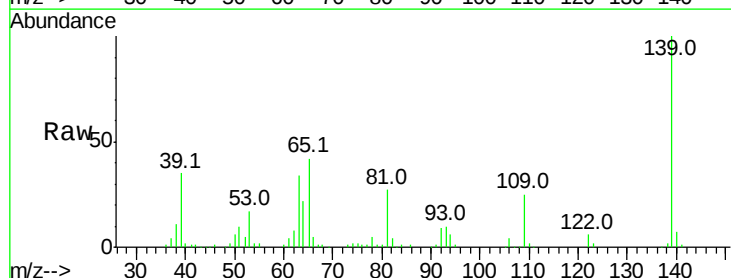
RT: 9.18 min Scan# 1232

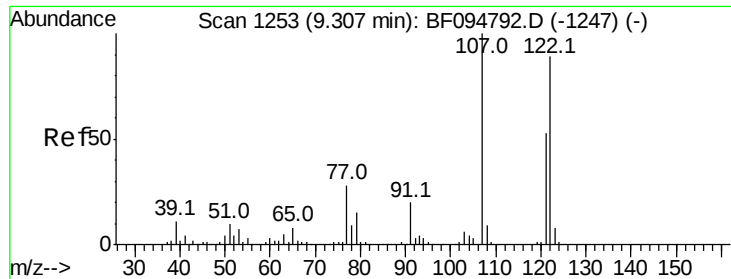
Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:	139	Resp:	241751
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.0	31.6
65	41.6	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 45.48 ng

RT: 9.32 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

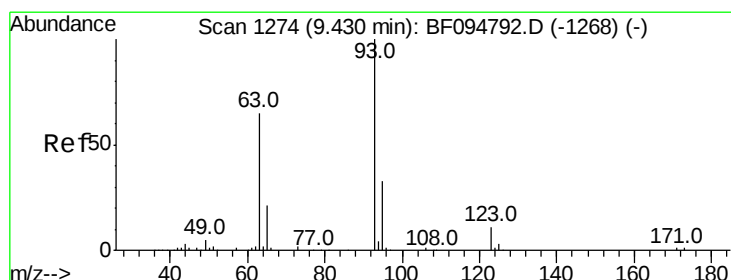
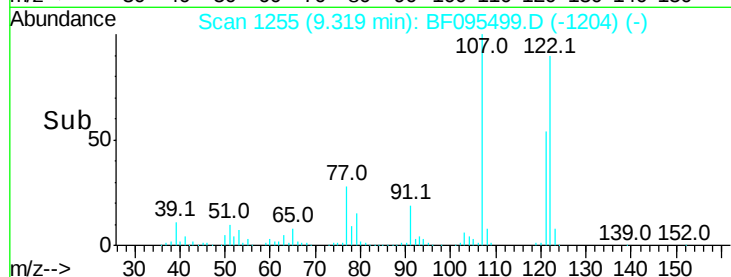
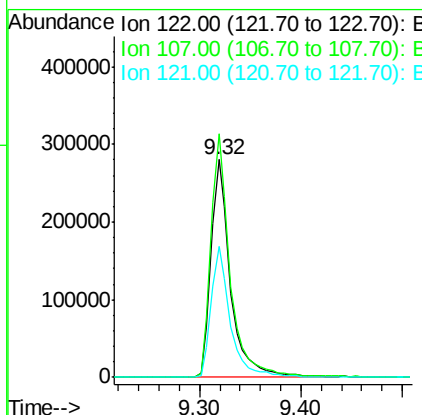
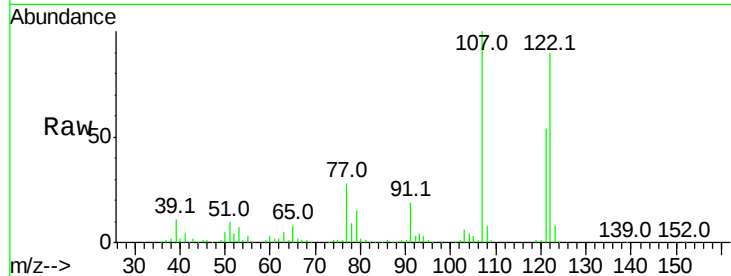
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	375534
Ion Ratio	Lower	Upper	
122	100		
107	111.7	89.2	133.8
121	59.8	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.27 ng

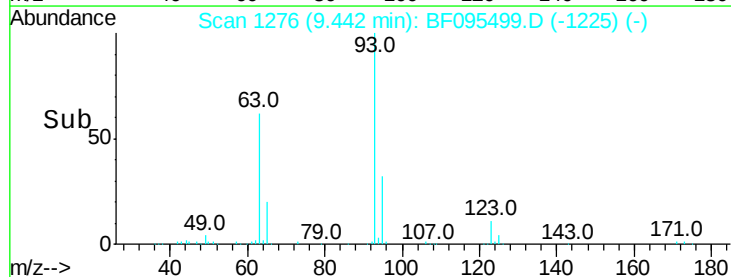
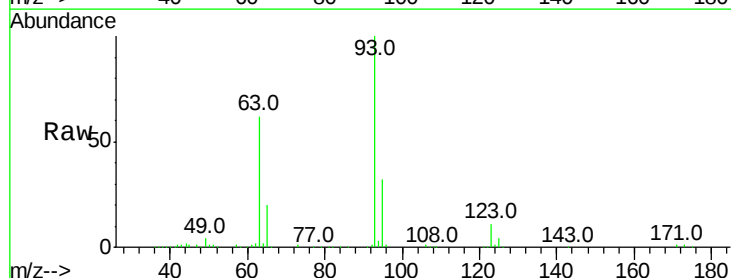
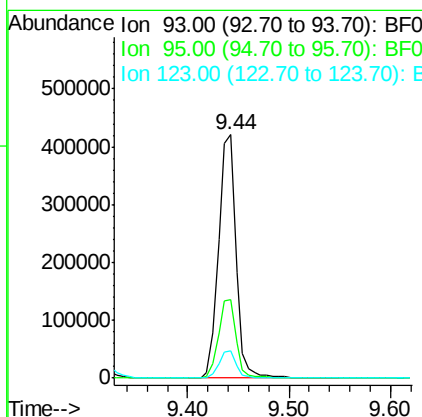
RT: 9.44 min Scan# 1276

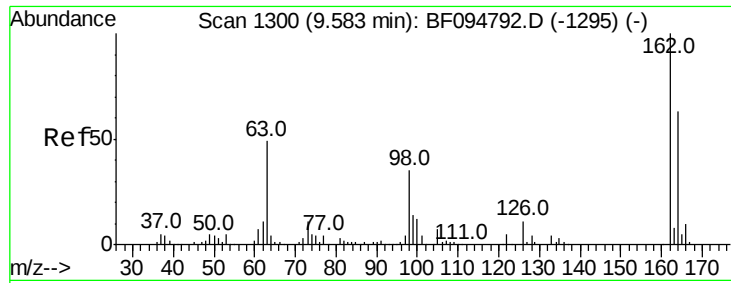
Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:	93	Resp:	504995
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	11.1	9.0	13.4





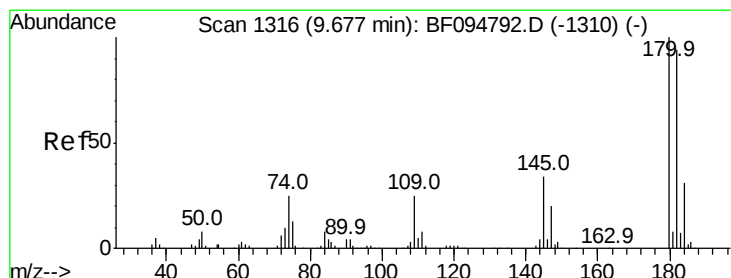
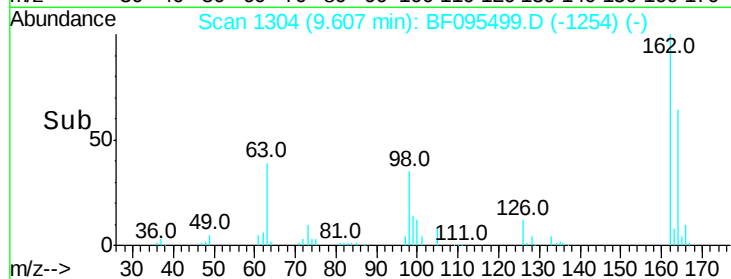
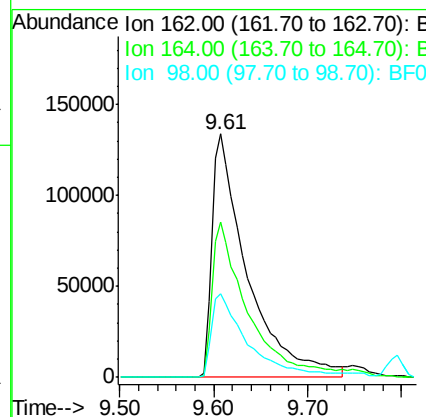
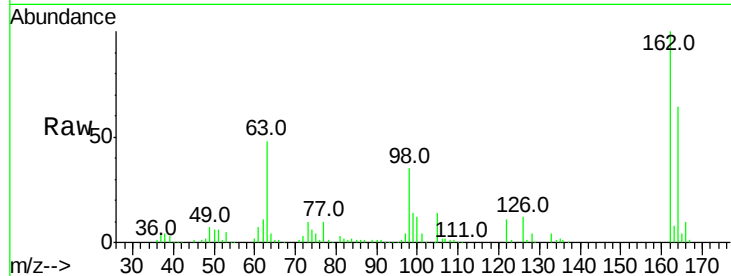
#29
 2,4-Dichlorophenol
 Concen: 44.96 ng
 RT: 9.61 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	350519		
164	63.7	44.6	84.6	
98	34.5	14.8	54.8	

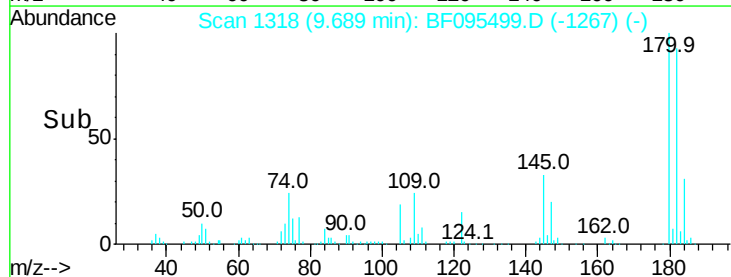
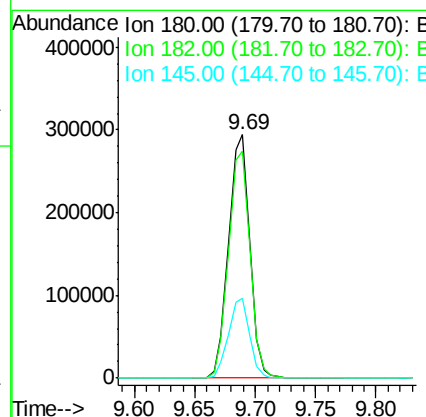
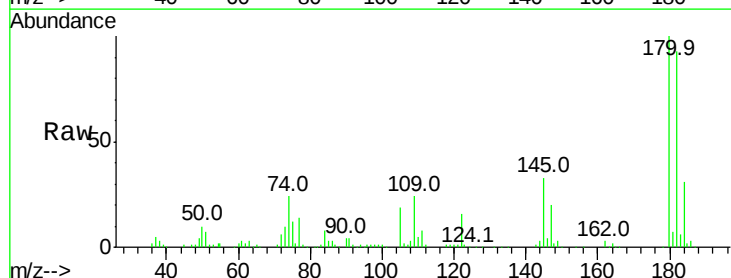
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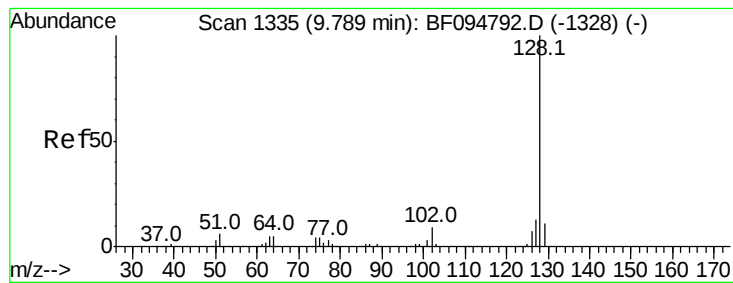
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.93 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	358600		
182	93.4	75.8	113.6	
145	32.5	25.3	37.9	





#31

Naphthalene

Concen: 39.48 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1130033

Ion Ratio Lower Upper

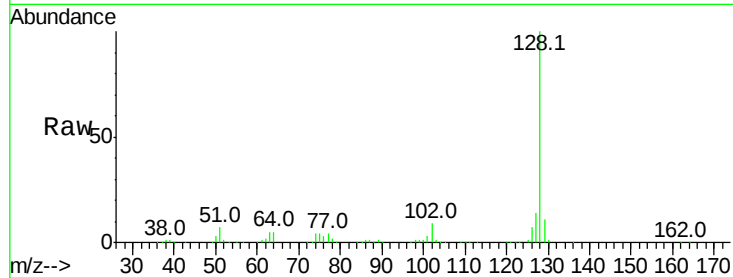
128 100

129 11.3 9.0 13.6

127 13.6 10.8 16.2

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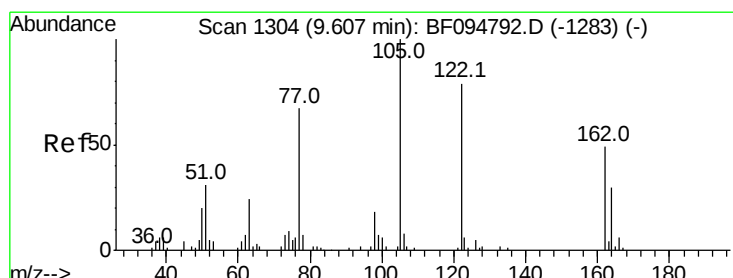
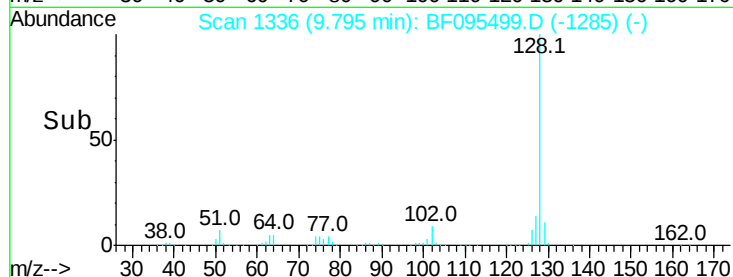
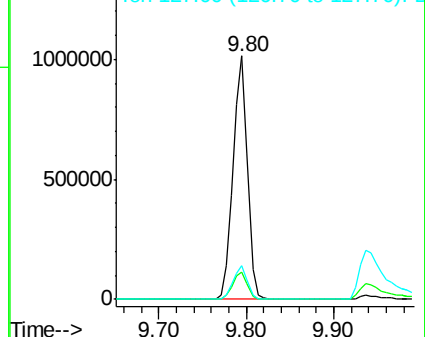
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.75 ng

RT: 9.70 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

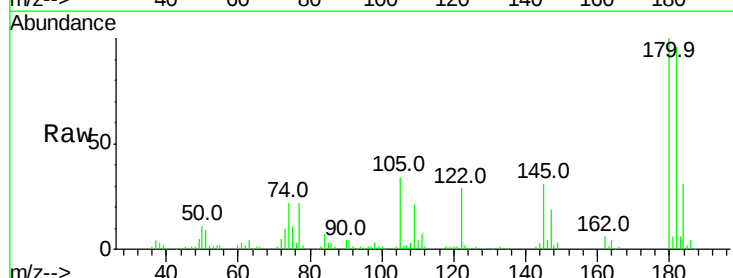
Tgt Ion:122 Resp: 216307

Ion Ratio Lower Upper

122 100

105 114.6 103.3 143.3

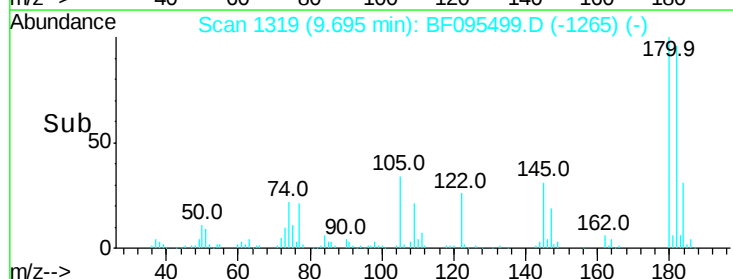
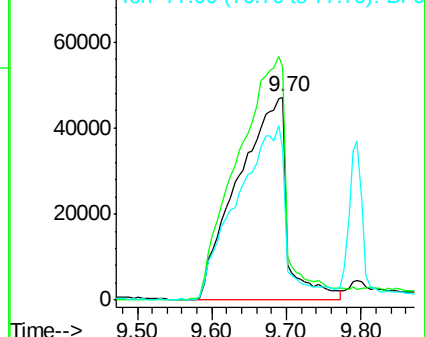
77 74.8 73.7 113.7

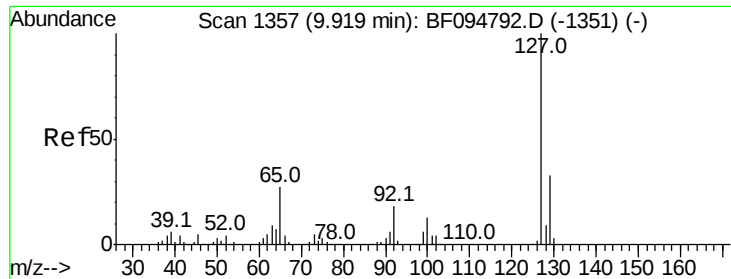


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





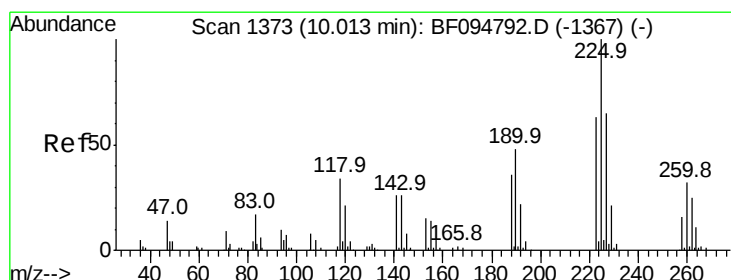
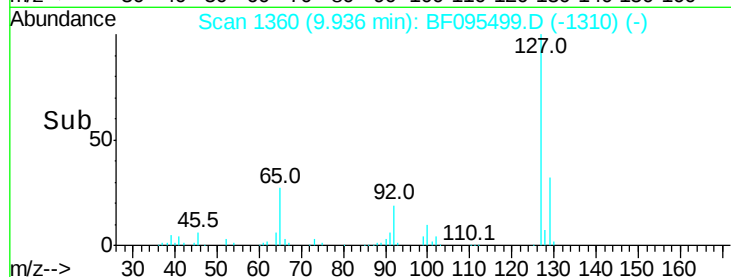
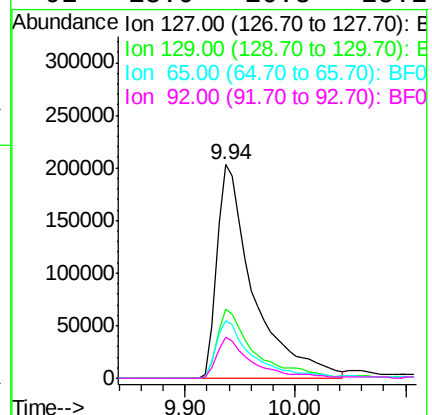
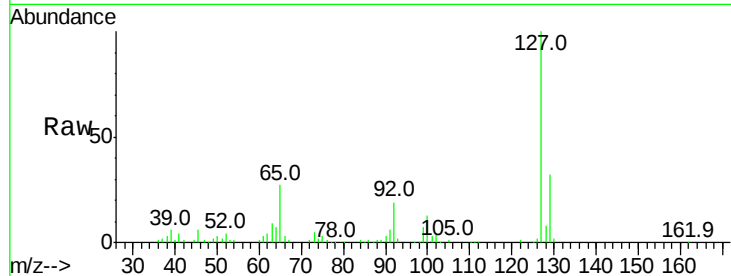
#33
 4-Chloroaniline
 Concen: 43.46 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.2		
65	27.2	27.8	41.8		
92	18.9	16.8	25.2		

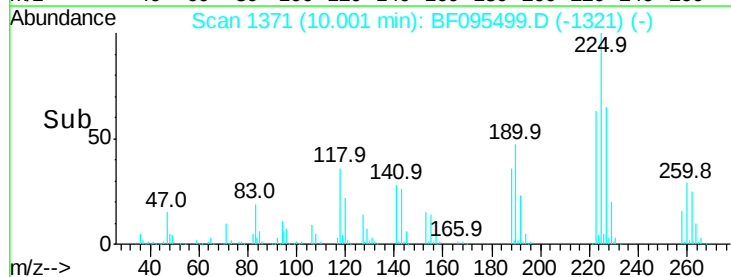
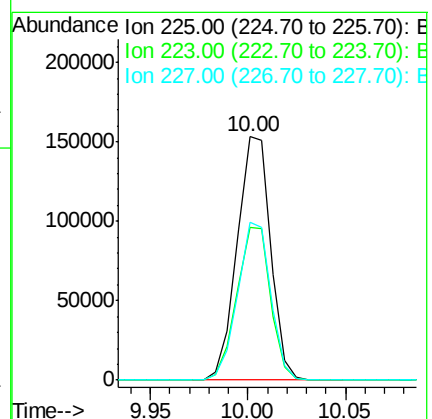
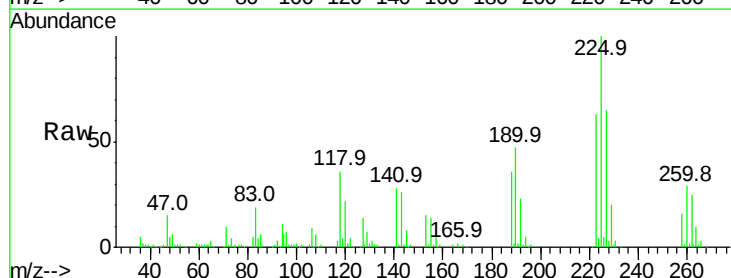
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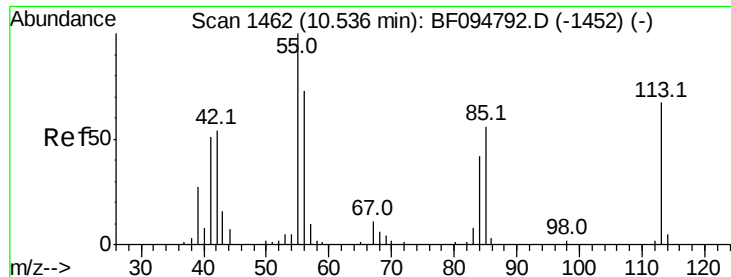
mohammad
 5/31/2017 1:00:11 PM



#34
 Hexachlorobutadiene
 Concen: 41.41 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	48.8	73.2		
227	64.6	51.1	76.7		





#35

Caprolactam

Concen: 44.01 ng/mL

RT: 10.60 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 103030

Ion Ratio Lower Upper

113 100

55 148.6 150.2 190.2#

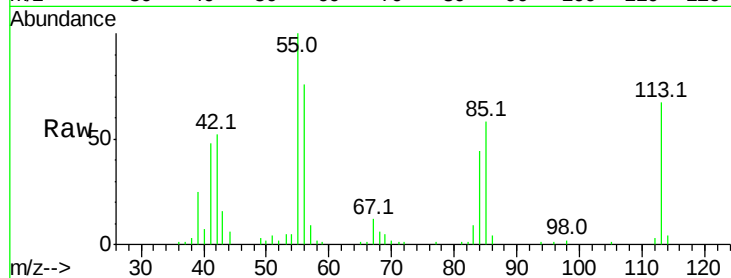
56 112.4 107.8 147.8

Manual Integrations

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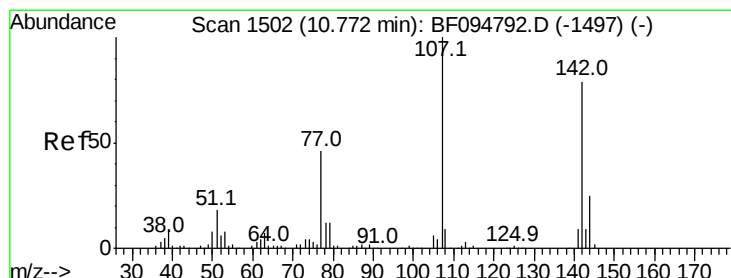
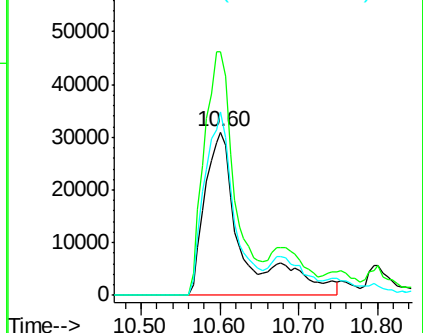
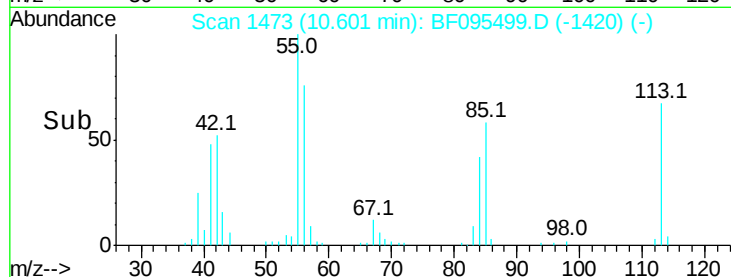
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.53 ng/mL

RT: 10.80 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

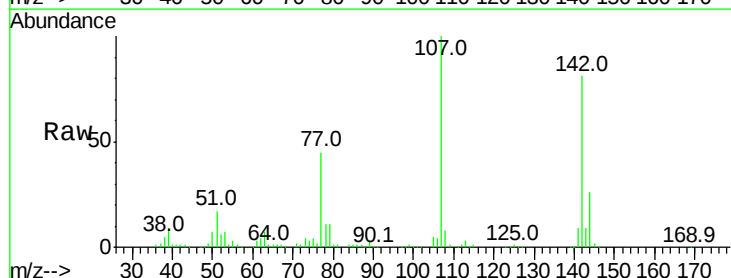
Tgt Ion:107 Resp: 387904

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

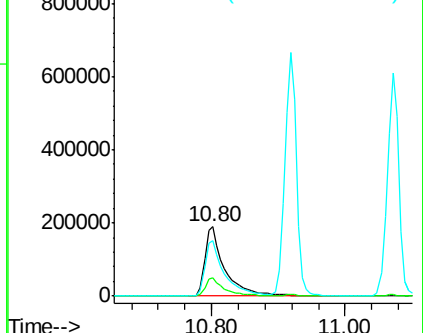
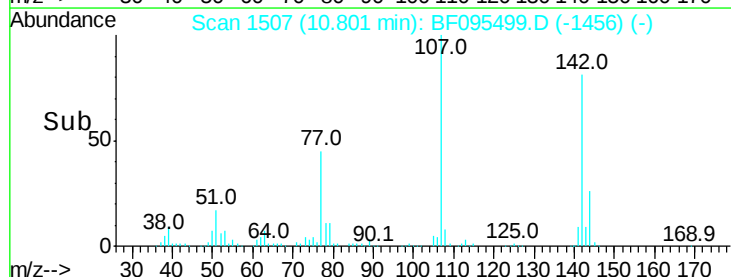
142 80.6 73.4 110.0

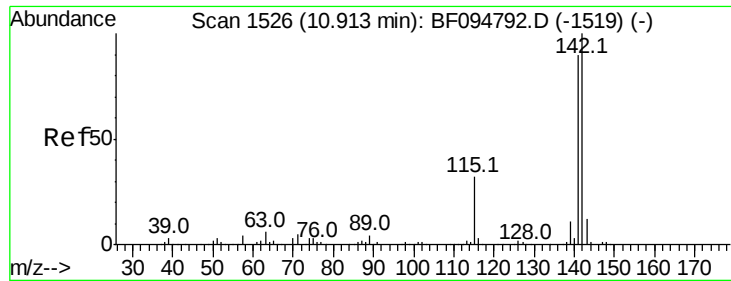


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





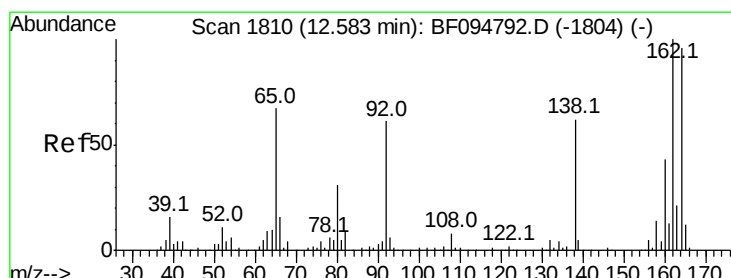
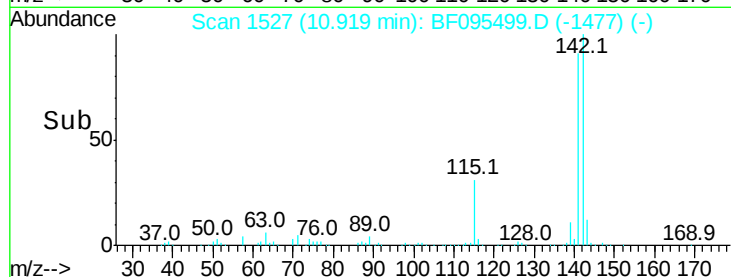
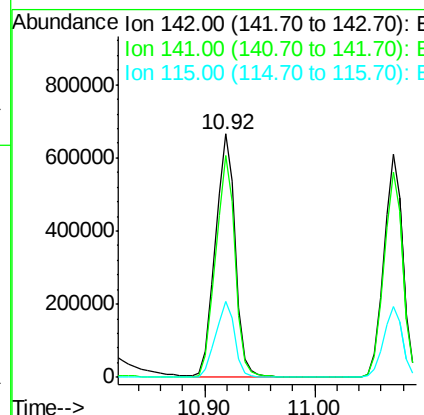
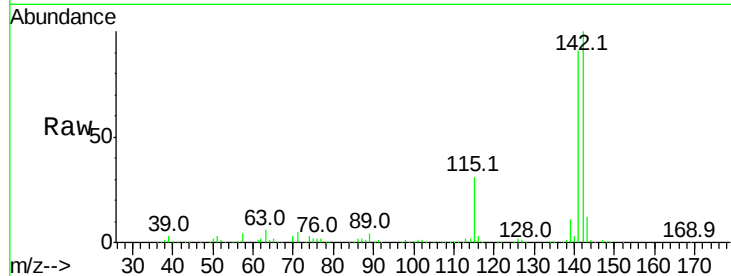
#37
2-Methylnaphthalene
Concen: 43.57 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	818350		
141	90.9	71.3	106.9	
115	31.3	27.1	40.7	

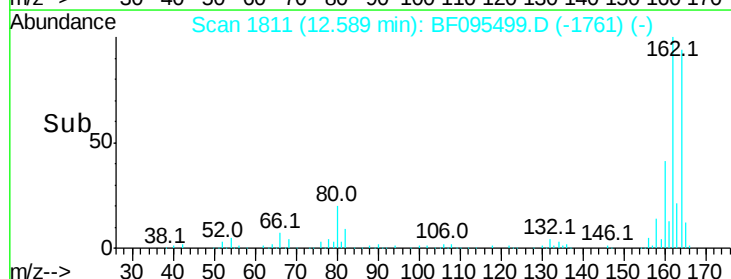
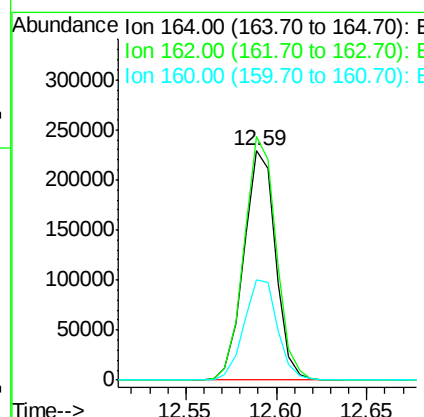
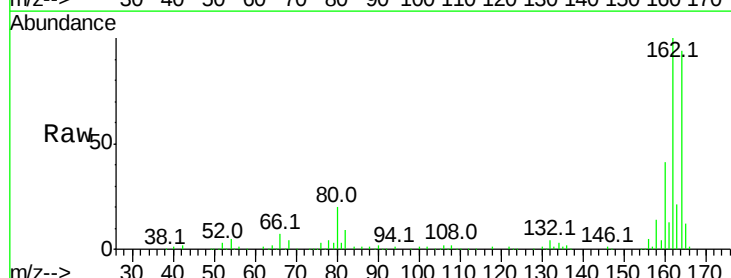
Manual Integrations
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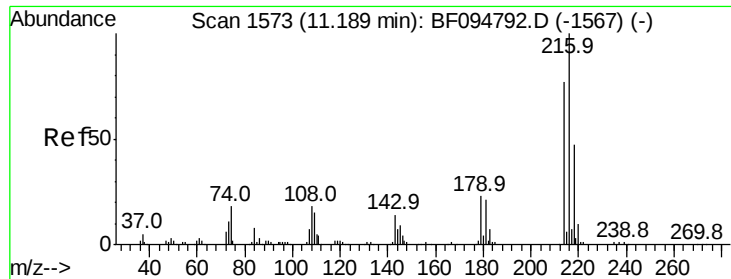
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276877		
162	106.3	82.6	123.8	
160	43.6	36.2	54.2	





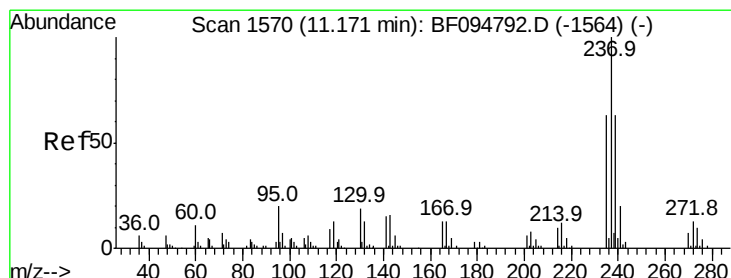
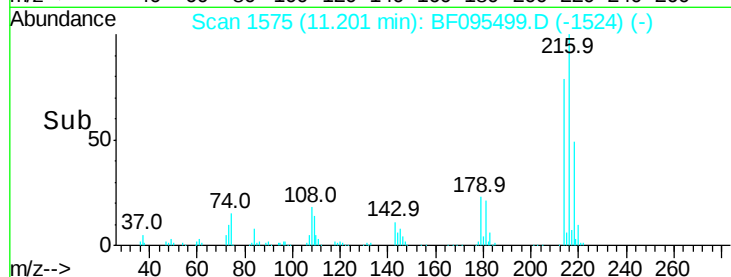
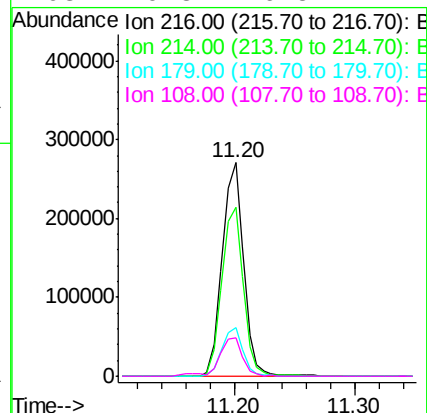
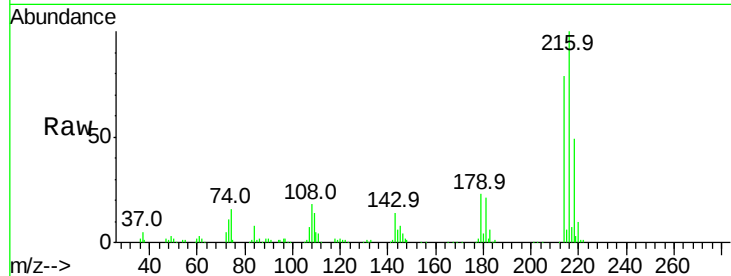
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.90 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	331180		
214	79.5	63.4	95.2	
179	22.0	17.9	26.9	
108	19.8	16.5	24.7	

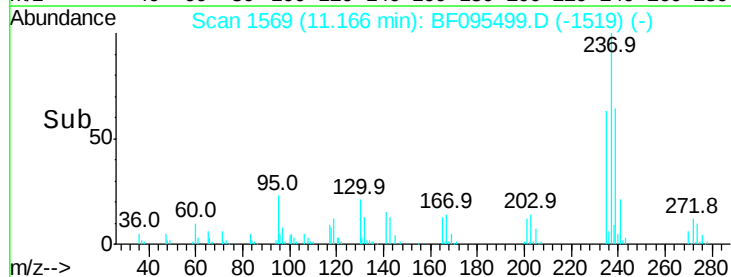
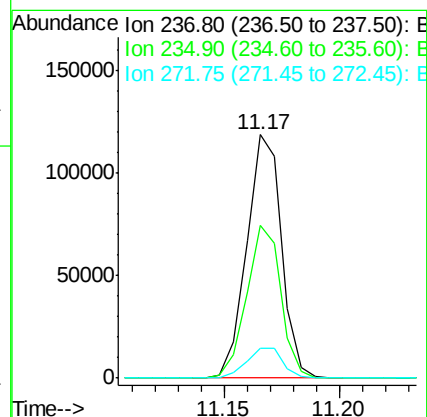
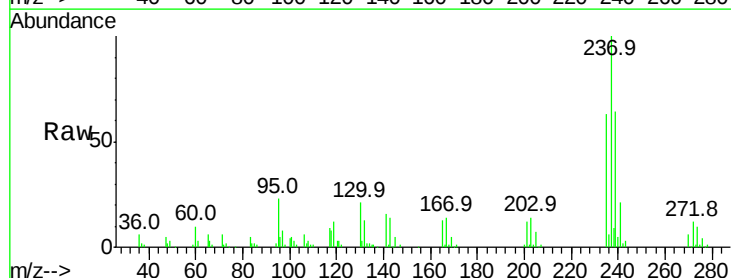
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#40
 Hexachlorocyclopentadiene
 Concen: 38.20 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	124473		
235	62.9	42.6	82.6	
272	12.5	0.0	31.9	





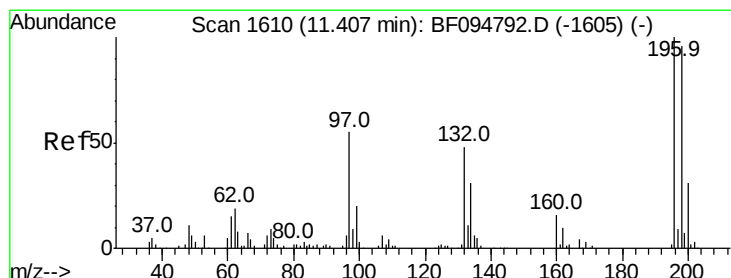
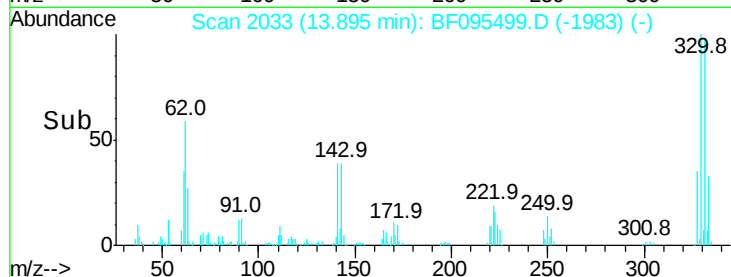
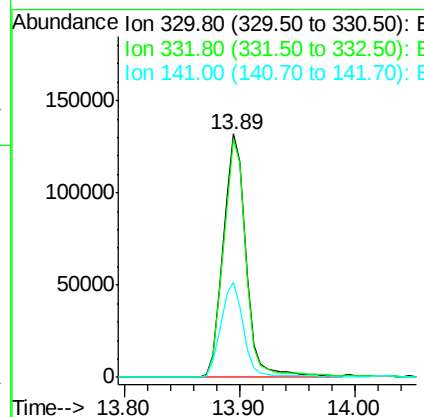
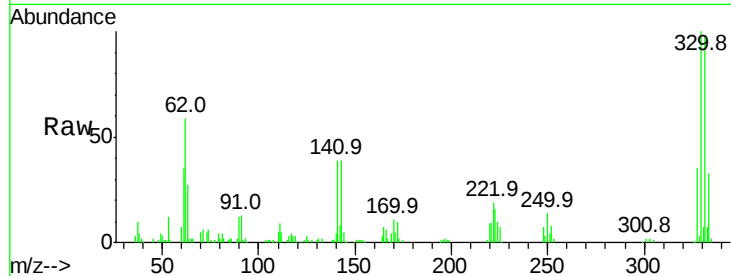
#41
 2,4,6-Tribromophenol
 Concen: 79.68 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	180684		
332	96.3	76.6	115.0	
141	39.5	31.4	47.2	

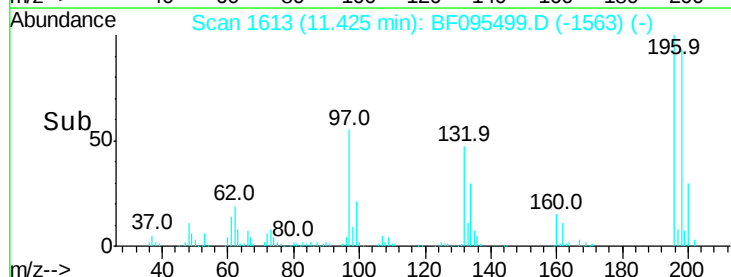
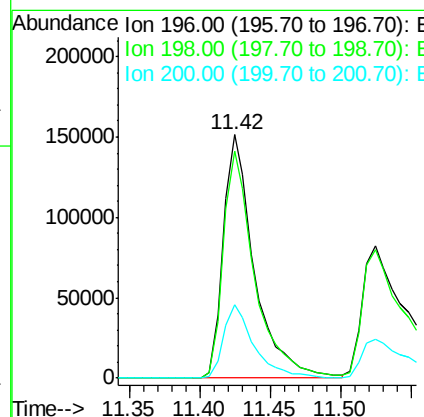
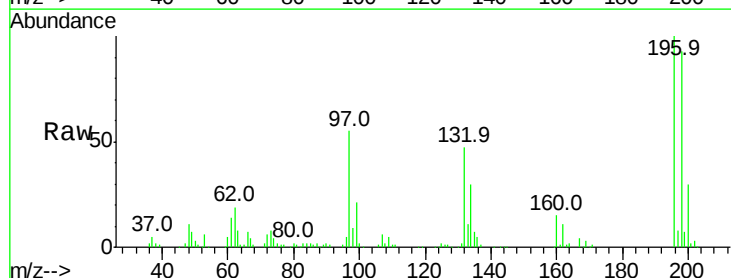
Manual Integrations
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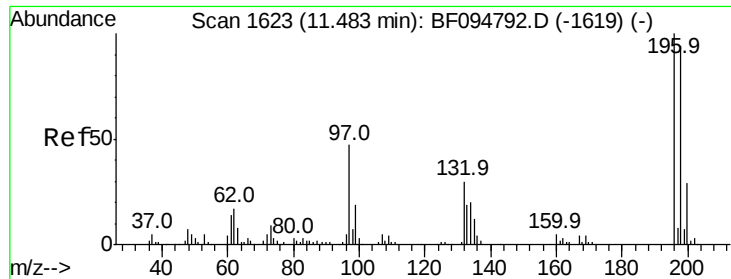
mohammad
 5/31/2017 1:00:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.79 ng
 RT: 11.42 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231892		
198	93.2	74.2	111.4	
200	30.2	24.0	36.0	





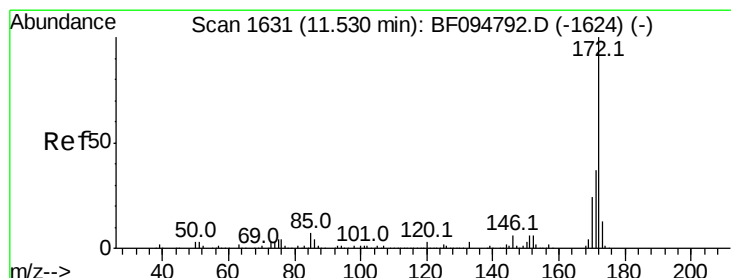
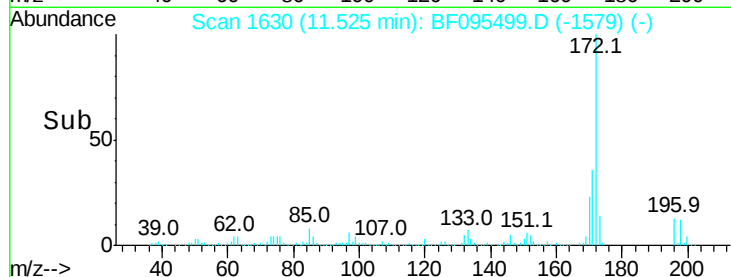
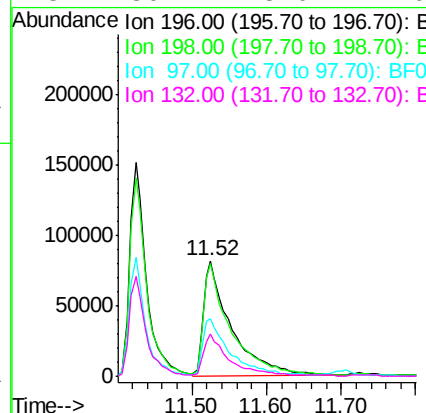
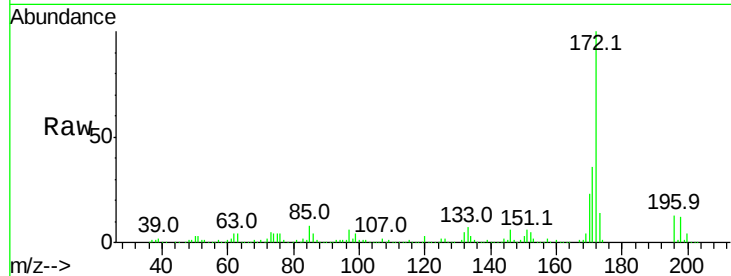
#43
2,4,5-Trichlorophenol
Concen: 34.16 ng
RT: 11.52 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208713		
198	97.1	75.7	113.5	
97	49.7	47.7	71.5	
132	36.1	28.0	42.0	

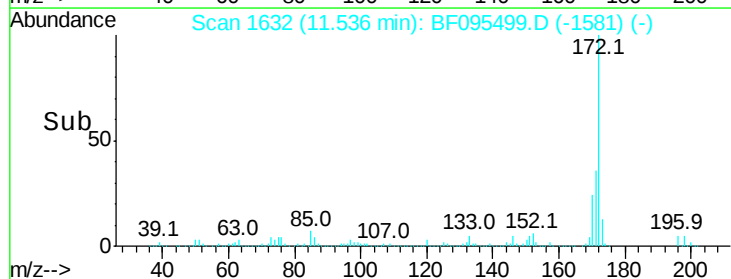
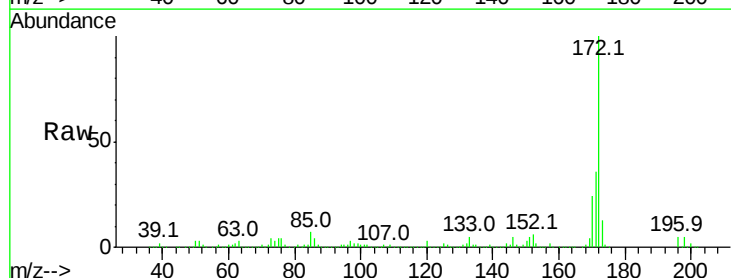
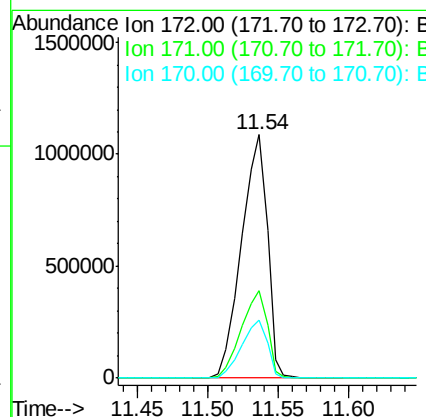
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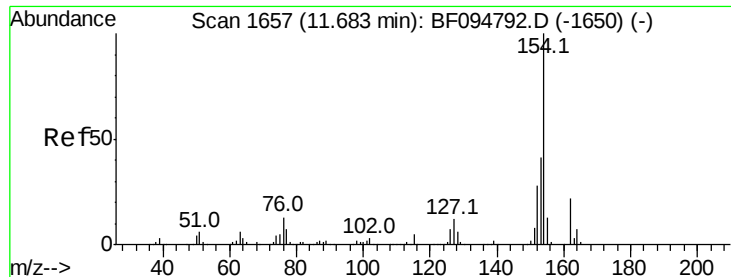
mohammad
5/31/2017 1:00:11 PM



#44
2-Fluorobiphenyl
Concen: 72.54 ng
RT: 11.54 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1395336		
171	36.1	29.6	44.4	
170	23.8	19.8	29.8	





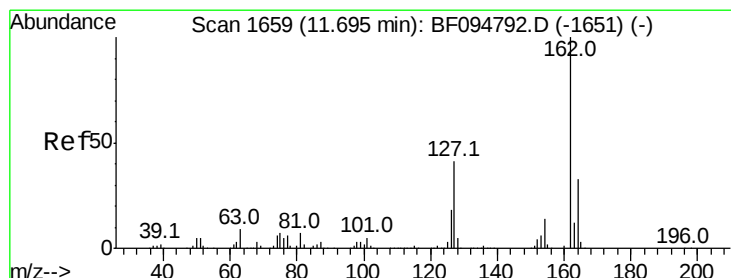
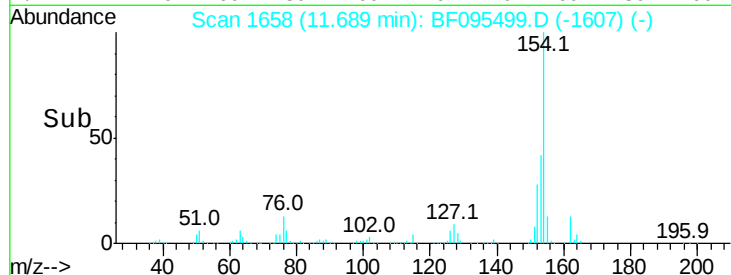
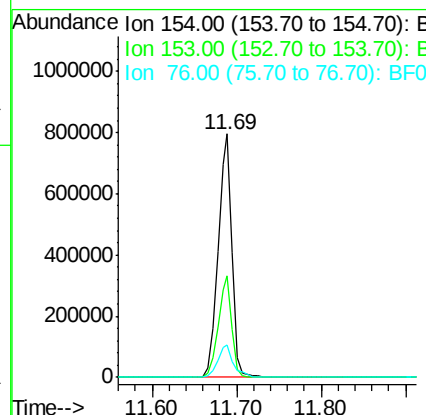
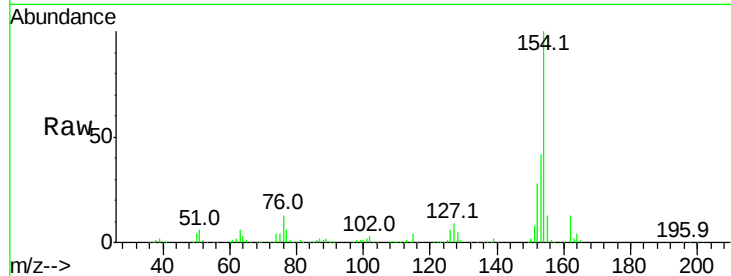
#45
1,1'-Biphenyl
Concen: 39.66 ng
RT: 11.69 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	13.2	0.0	29.9

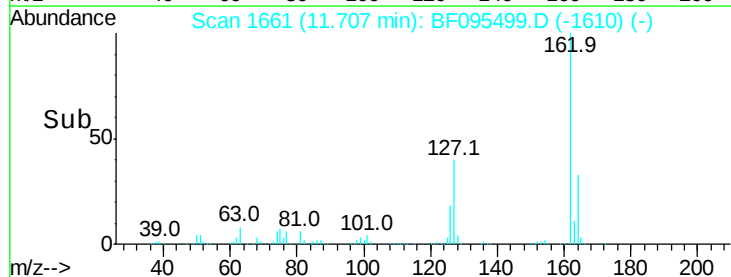
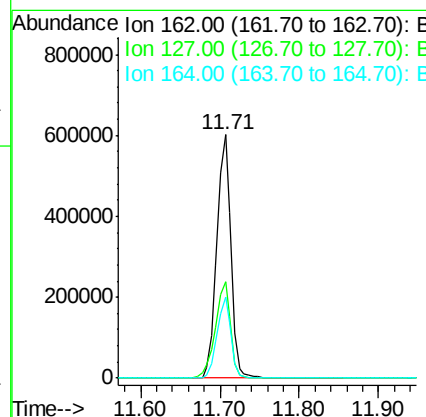
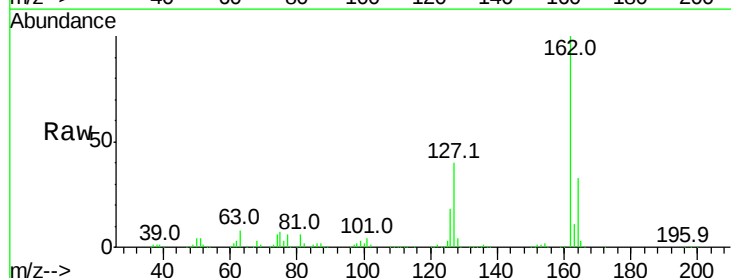
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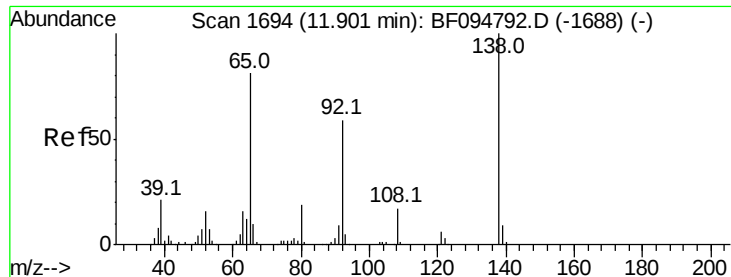
mohammad
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#46
2-Chloronaphthalene
Concen: 39.57 ng
RT: 11.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	28.3	42.5
164	33.3	27.0	40.4





#47

2-Nitroaniline

Concen: 44.13 ng

RT: 11.93 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 227373

Ion Ratio Lower Upper

65 100

92 72.5 53.9 80.9

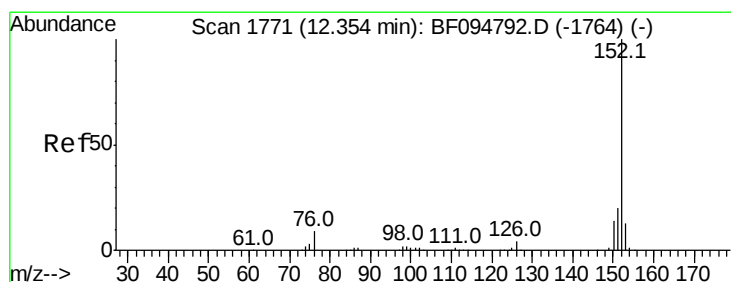
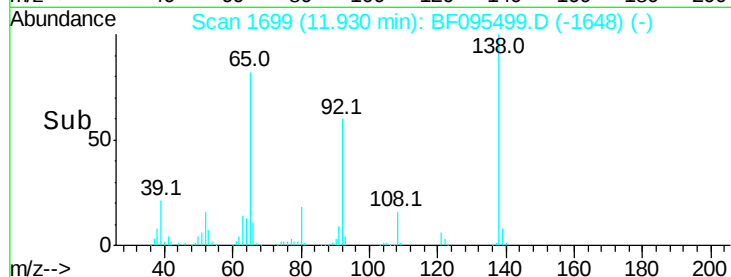
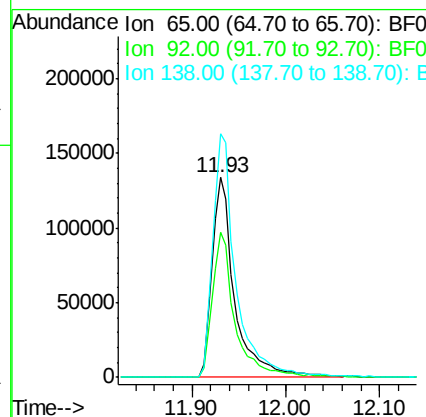
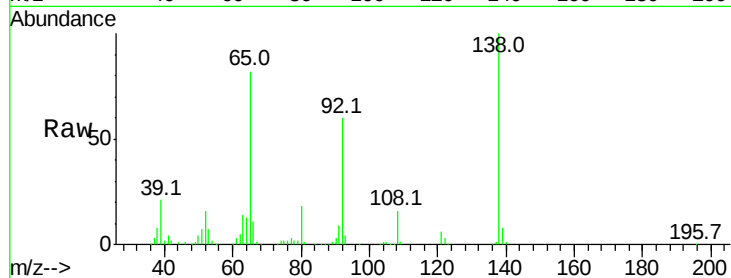
138 121.9 78.8 118.2#

Manual Integrations

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#48

Acenaphthylene

Concen: 39.37 ng

RT: 12.37 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

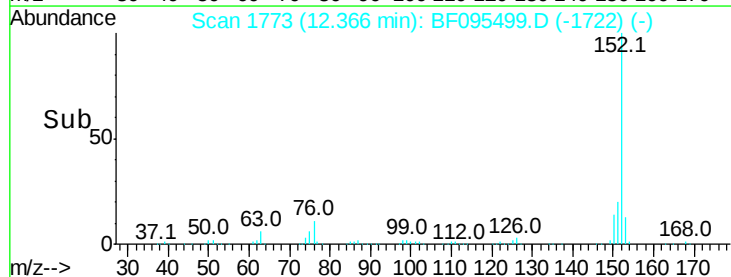
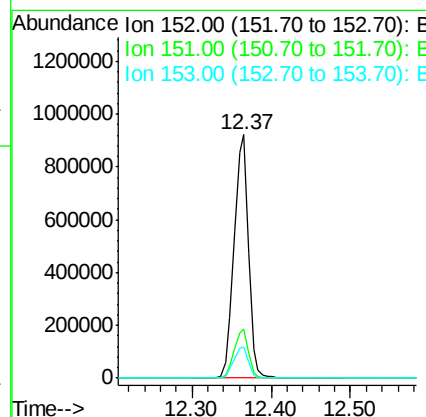
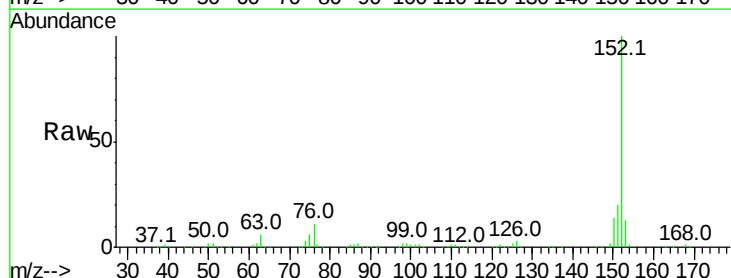
Tgt Ion: 152 Resp: 1160722

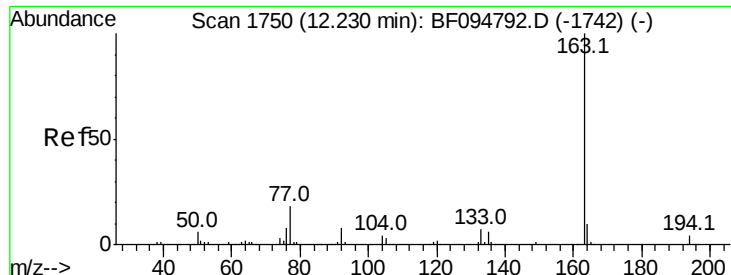
Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 12.6 10.8 16.2





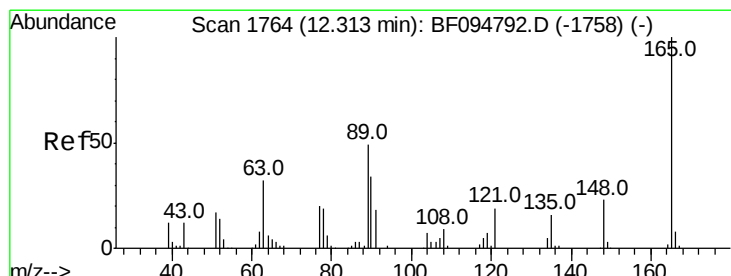
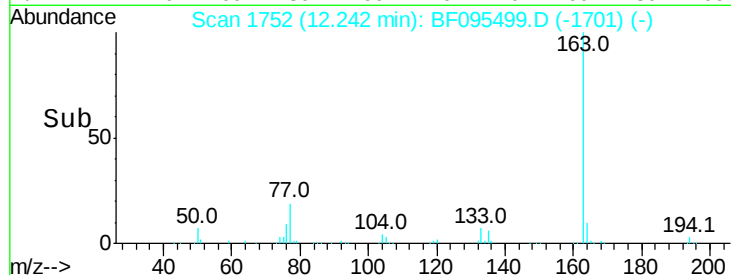
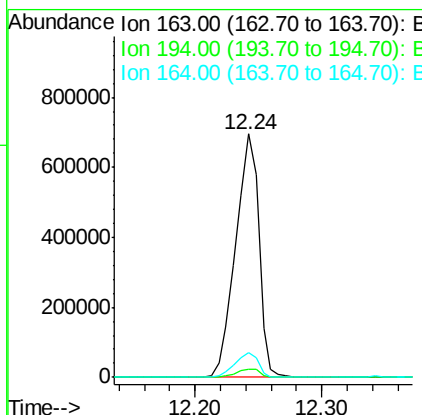
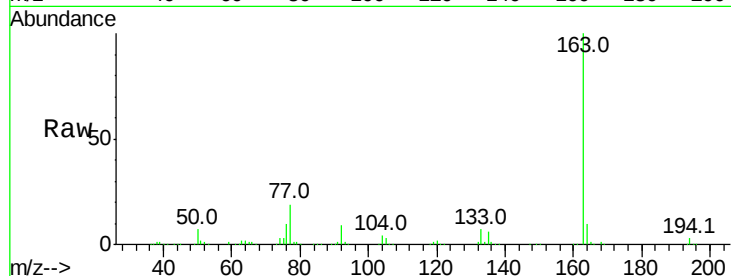
#49
Dimethylphthalate
Concen: 38.71 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	879881		
194	3.4		2.6	4.0
164	10.3		8.4	12.6

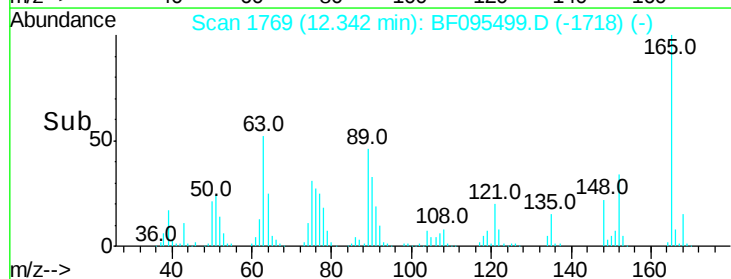
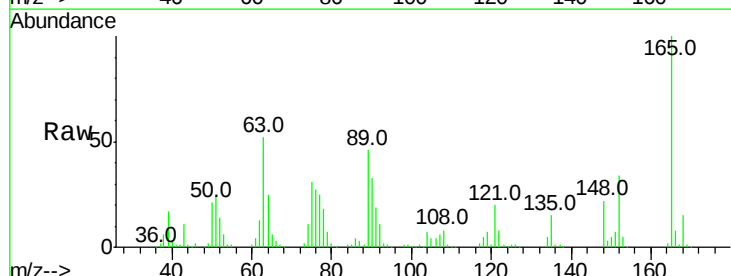
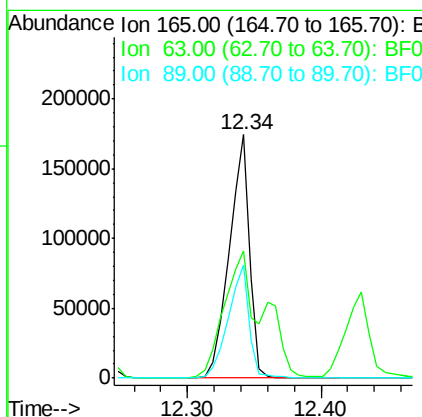
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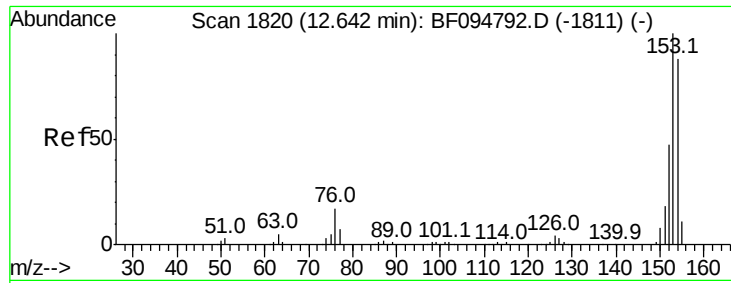
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.18 ng
RT: 12.34 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186345		
63	52.2		34.3	51.5#
89	46.5		37.1	55.7





#51

Acenaphthene

Concen: 38.35 ng

RT: 12.65 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

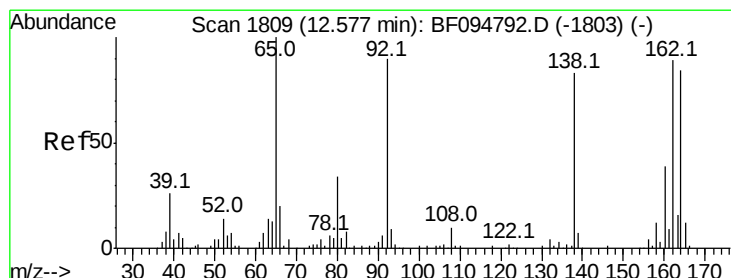
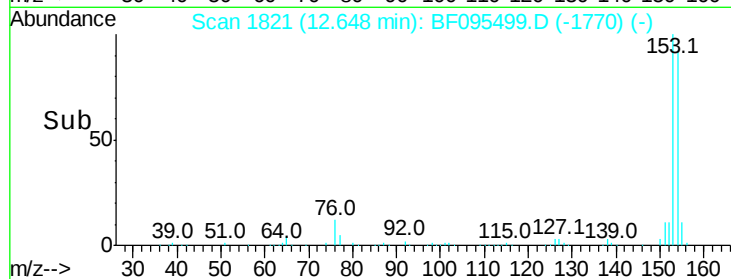
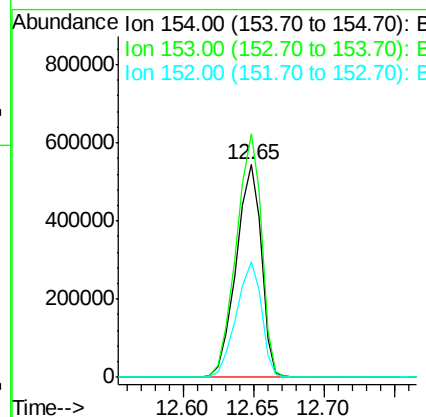
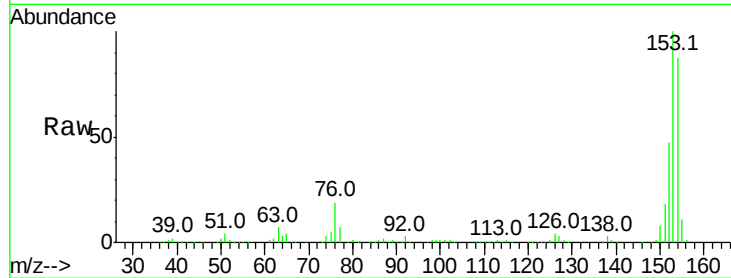
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	675296
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.5	135.7
152	54.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 42.40 ng

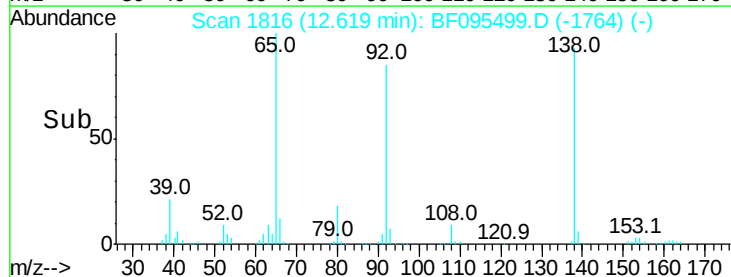
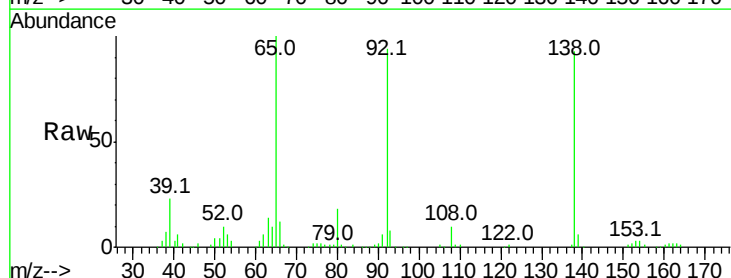
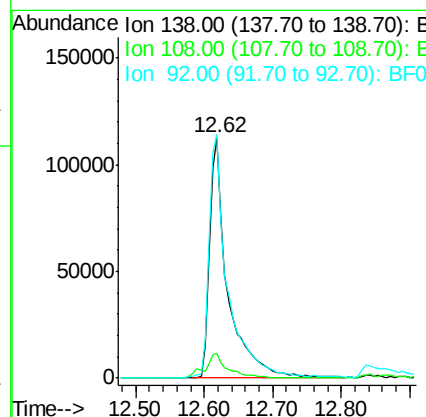
RT: 12.62 min Scan# 1816

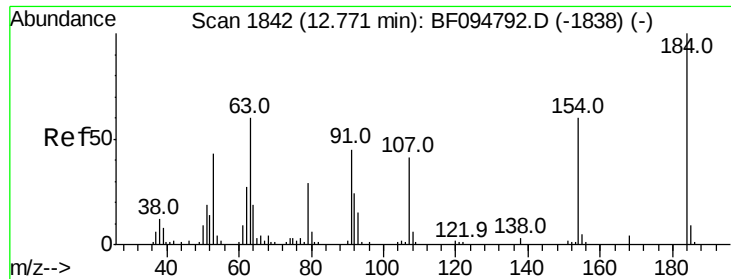
Delta R.T. 0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:	138	Resp:	211047
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.1	13.7
92	101.5	93.8	140.6





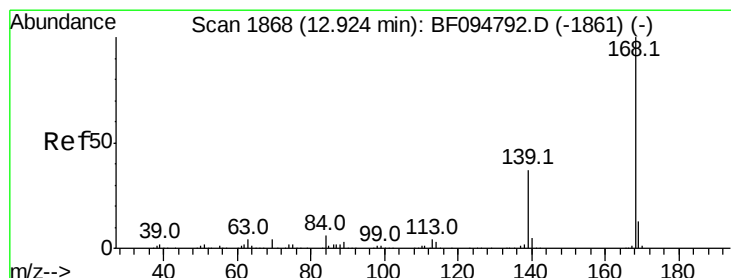
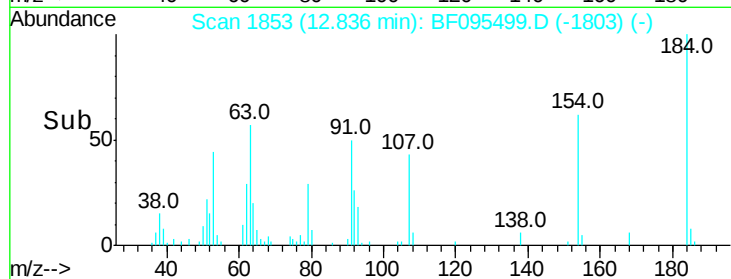
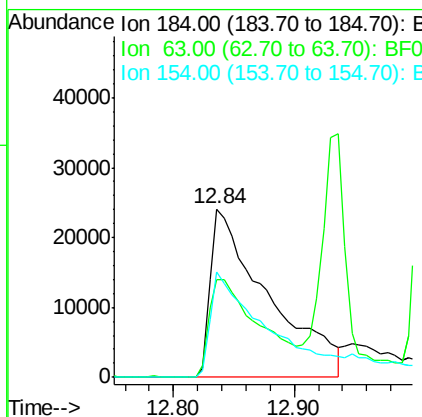
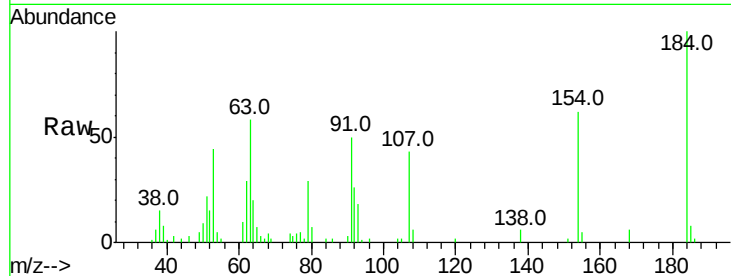
#53
 2,4-Dinitrophenol
 Concen: 34.91 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:184 Resp: 79417
 Ion Ratio Lower Upper
 184 100
 63 58.1 62.7 94.1#
 154 62.5 81.1 121.7#

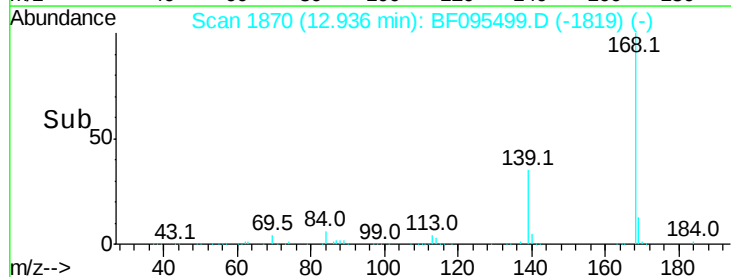
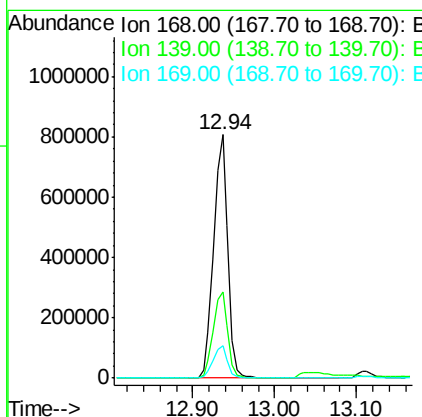
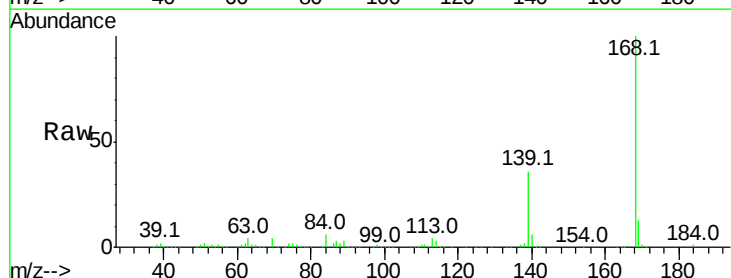
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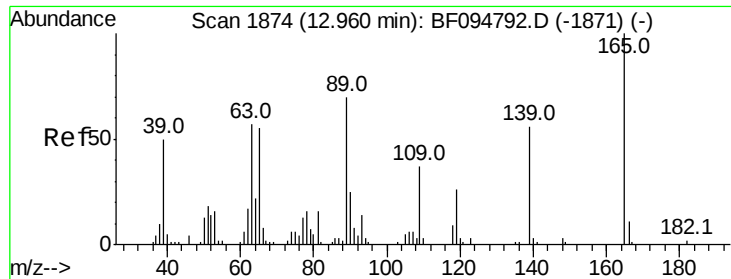
mohammad
 5/31/2017 1:00:11 PM



#54
 Dibenzofuran
 Concen: 40.02 ng
 RT: 12.94 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:168 Resp: 975269
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.6 45.8
 169 13.2 10.8 16.2





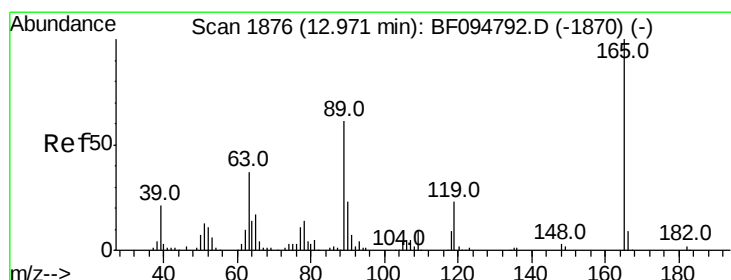
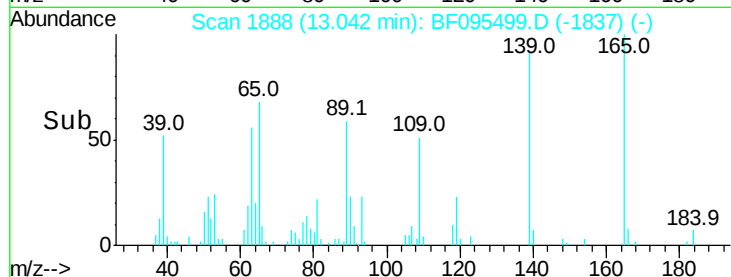
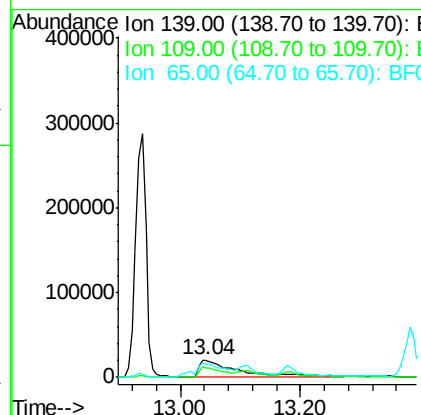
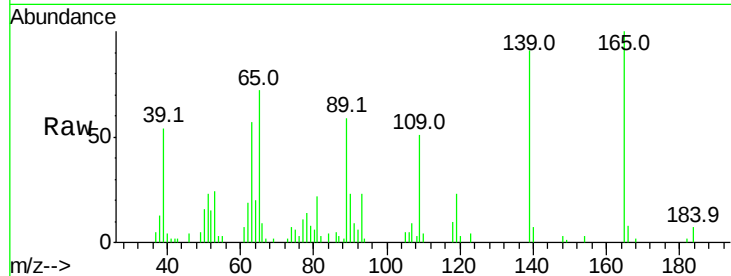
#55
4-Nitrophenol
Concen: 32.99 ng/ml
RT: 13.04 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.0	34.1	74.1	
65	79.7	31.4	71.4	

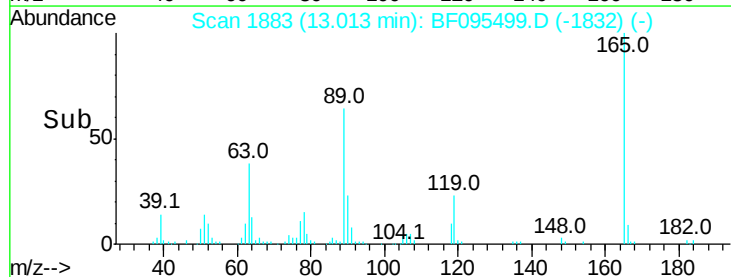
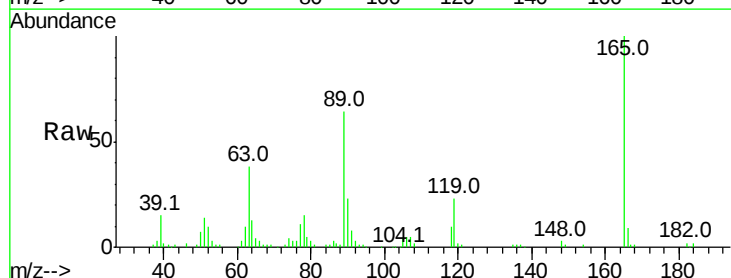
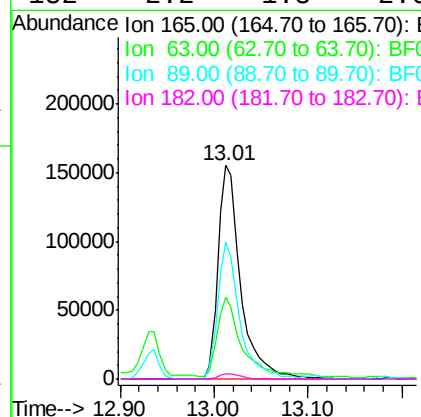
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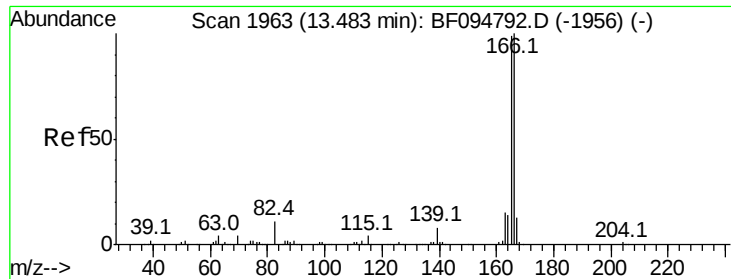
mohammad
5/31/2017 1:00:11 PM



#56
2,4-Dinitrotoluene
Concen: 44.02 ng/ml
RT: 13.01 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.3	25.4	38.0	
89	63.9	46.4	69.6	
182	2.2	1.8	2.6	





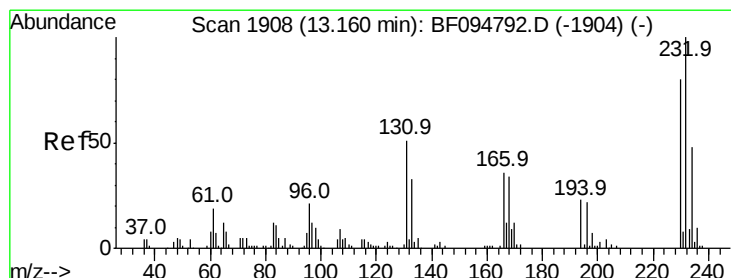
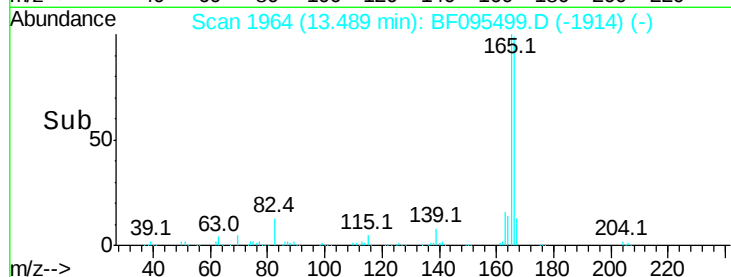
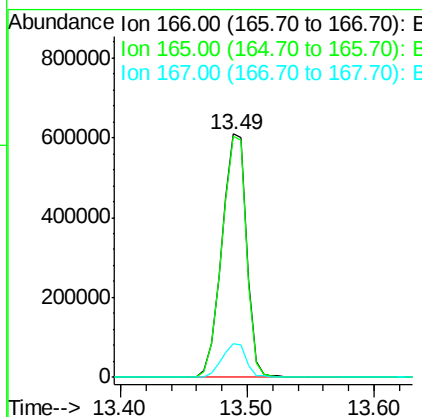
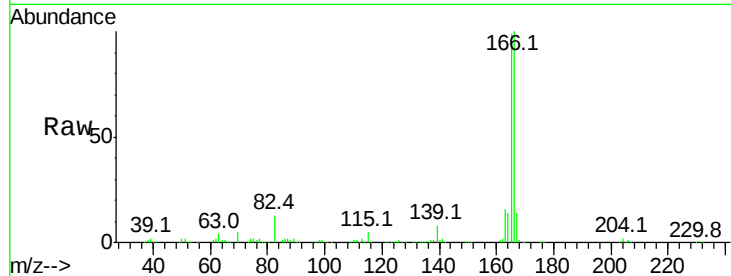
#57
 Fluorene
 Concen: 38.57 ng
 RT: 13.49 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.7	10.6	16.0

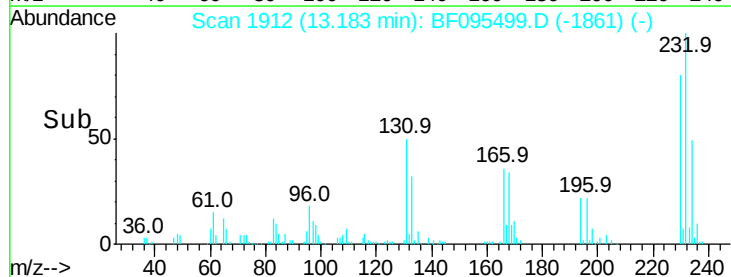
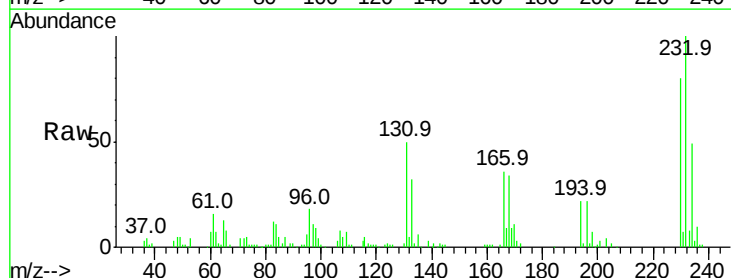
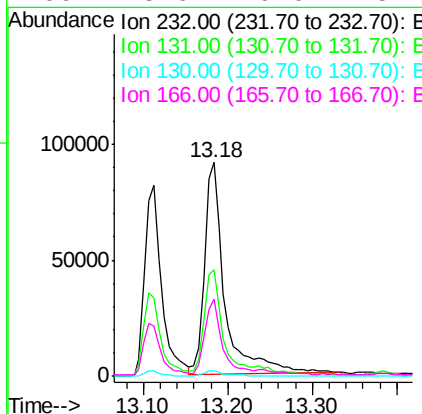
Manual Integrations
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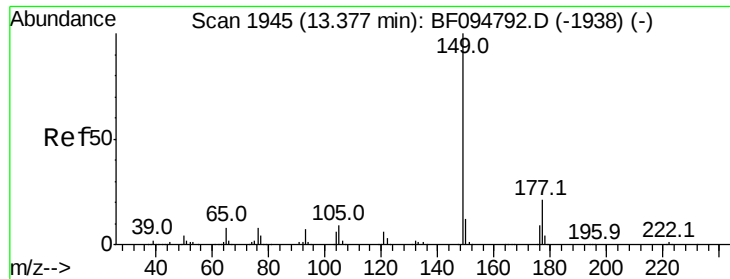
mohammad
 5/31/2017 1:00:11 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.96 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.3	44.8	67.2#
130	2.3	2.3	3.5#
166	28.6	29.0	43.4#





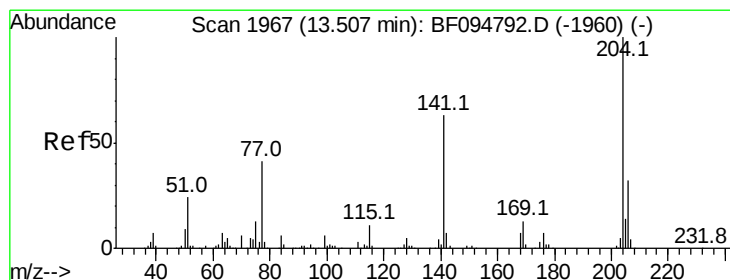
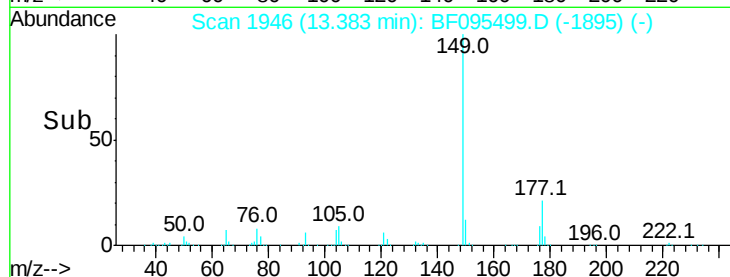
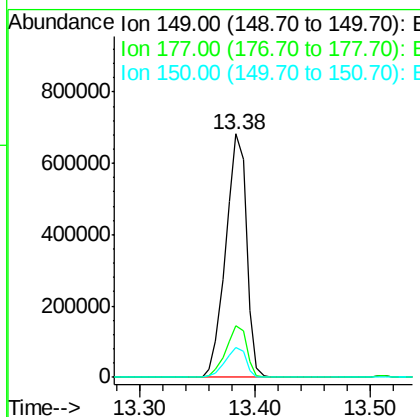
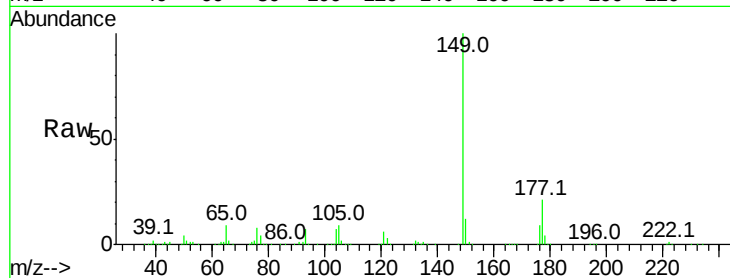
#59
Diethylphthalate
Concen: 39.15 ng
RT: 13.38 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.4	10.2	15.2

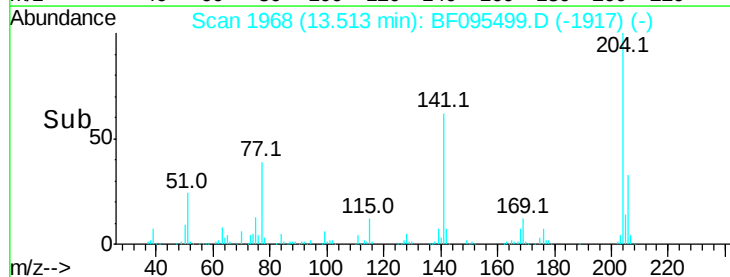
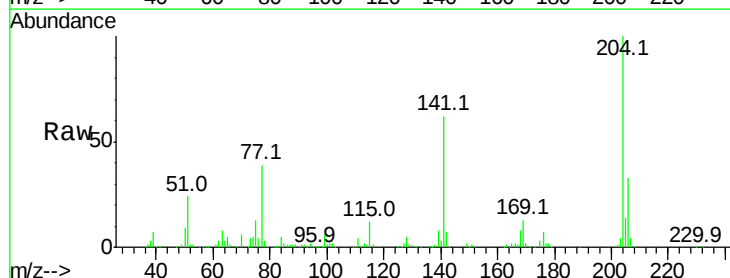
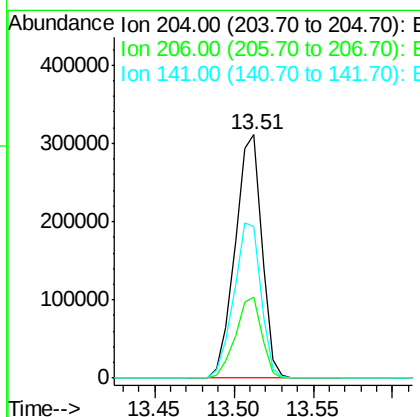
Manual Integrations
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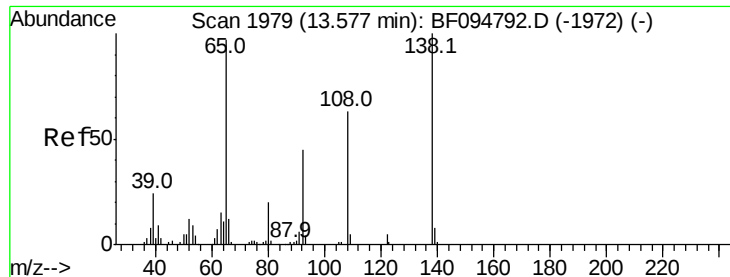
mohammad
5/31/2017 1:00:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.91 ng
RT: 13.51 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	62.2	60.8	91.2





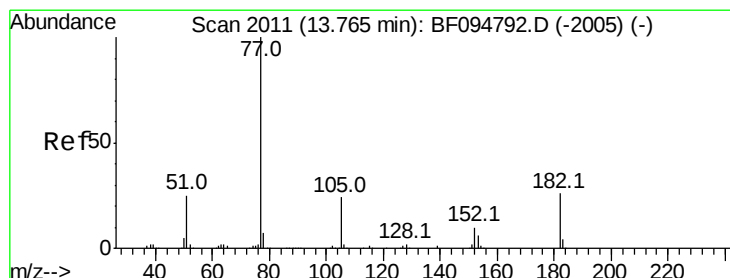
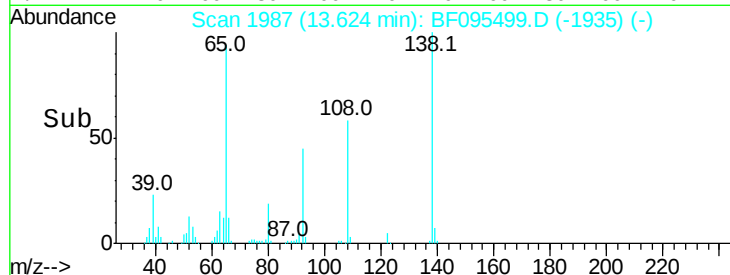
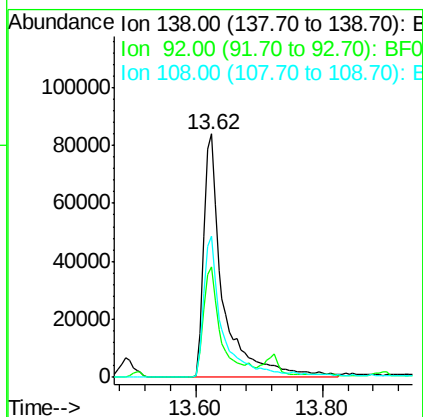
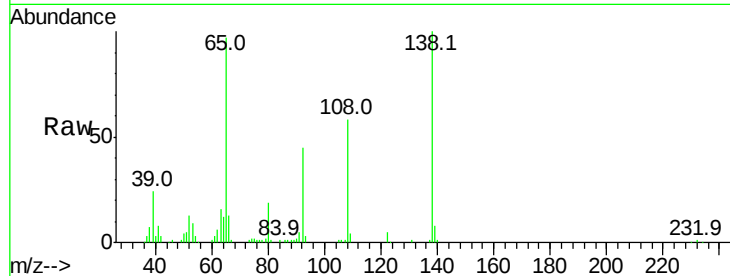
#61
4-Nitroaniline
Concen: 39.17 ng
RT: 13.62 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	178976		
92	45.4	21.8	61.8	
108	58.0	42.3	82.3	

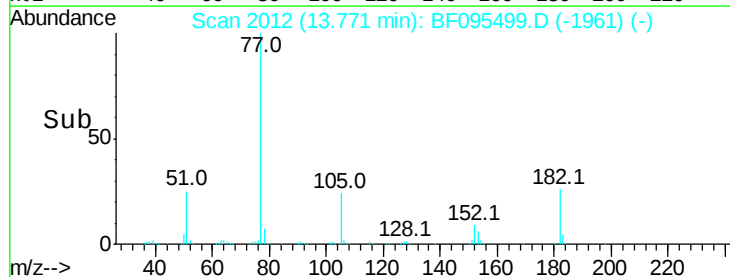
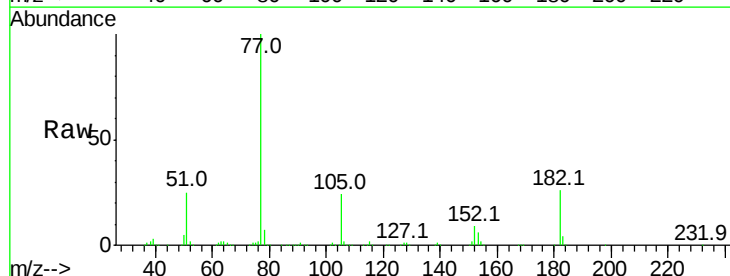
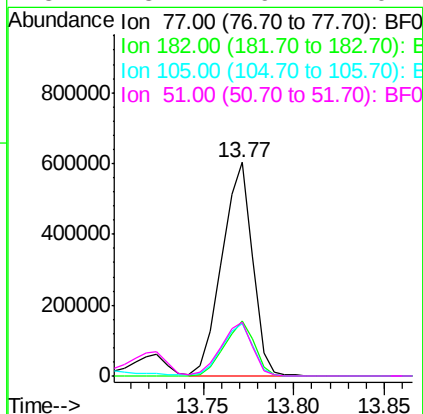
Manual Integrations
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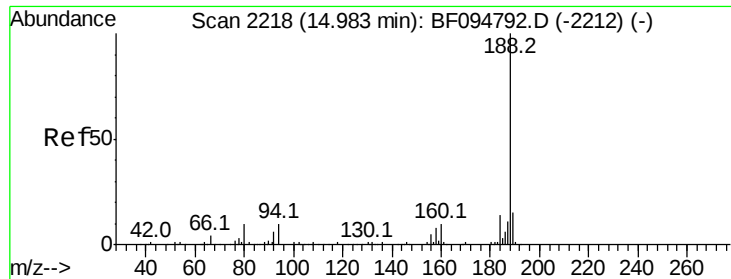
mohammad
5/31/2017 1:00:11 PM



#62
Azobenzene
Concen: 40.21 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	703931		
182	25.6	0.1	40.1	
105	24.3	3.6	43.6	
51	25.2	9.4	49.4	





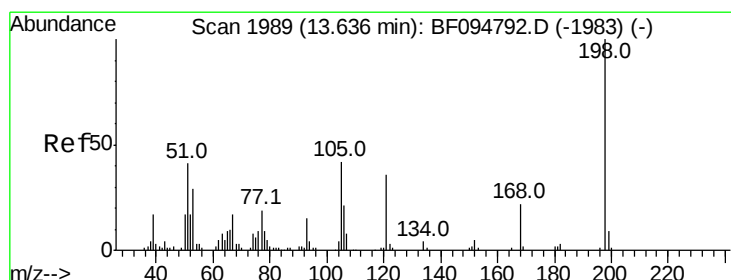
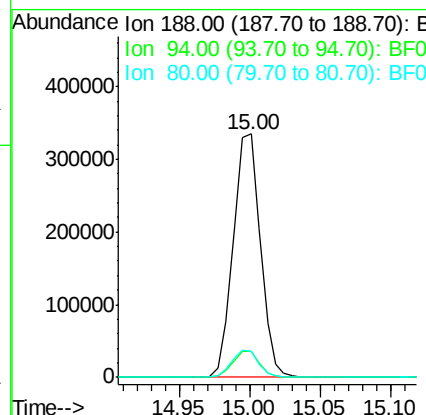
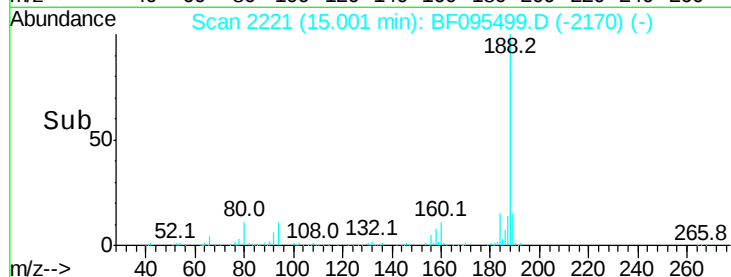
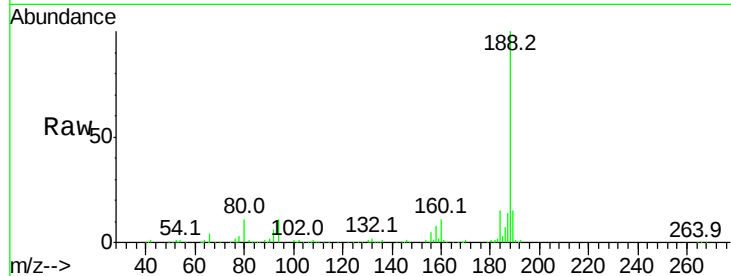
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	9.4	14.2	
80	10.8	10.2	15.2	

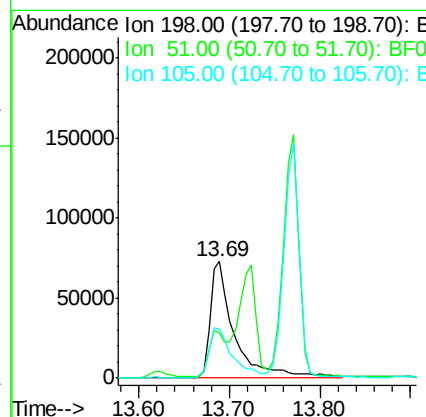
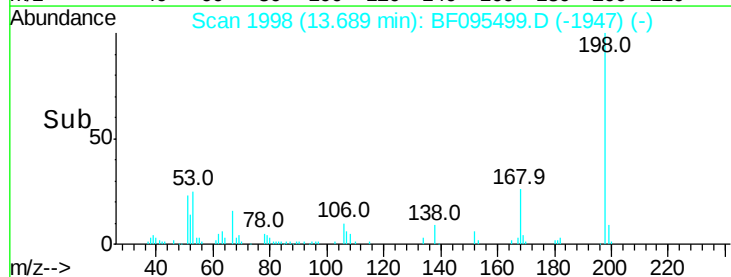
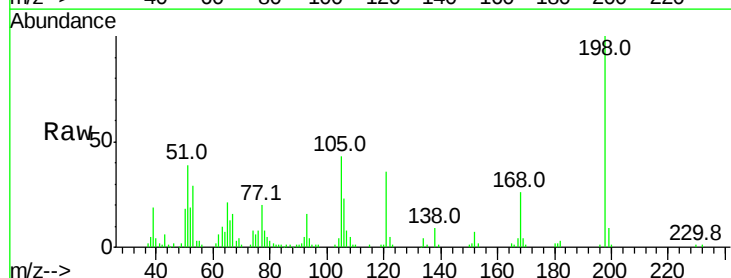
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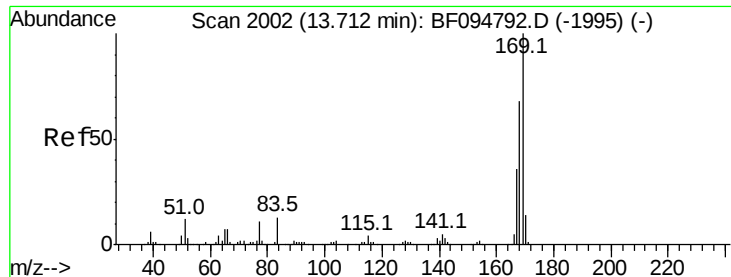
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.37 ng
RT: 13.69 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	38.9	53.2	93.2#	
105	42.6	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 43.46 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

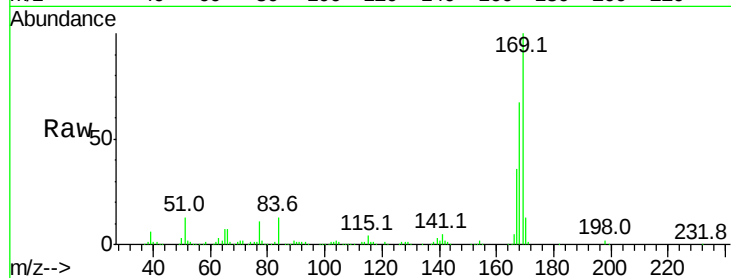
ClientSampleId :

SSTDCCC040

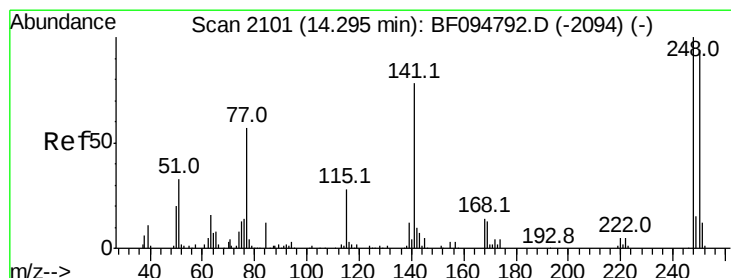
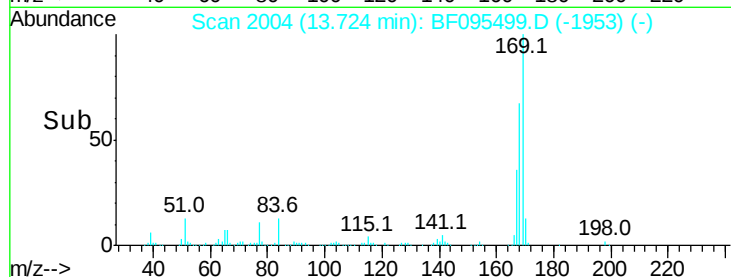
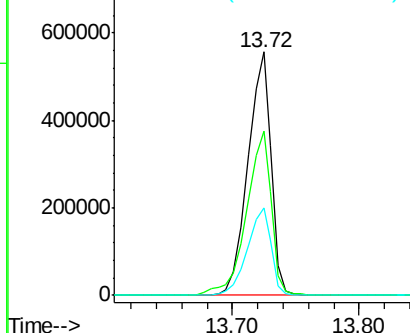
Tot Ion:	169	Resp:	708858
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.2	79.8
167	35.8	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.51 ng

RT: 14.29 min Scan# 2101

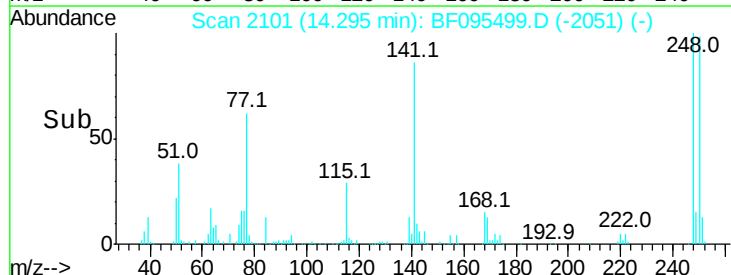
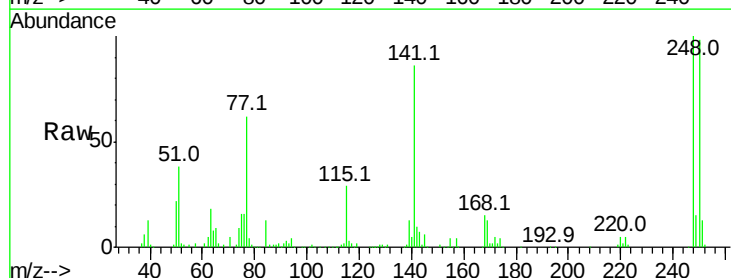
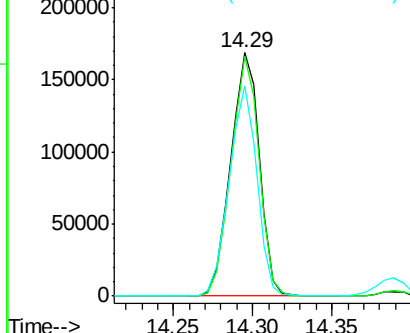
Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:	248	Resp:	211346
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.8	115.2
141	86.2	68.6	103.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.58 ng

RT: 14.39 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 207172
Ion Ratio Lower Upper

284 100

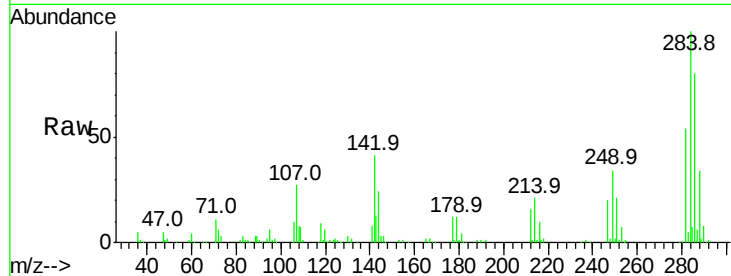
142 41.1 22.8 34.2#

249 34.0 24.0 36.0

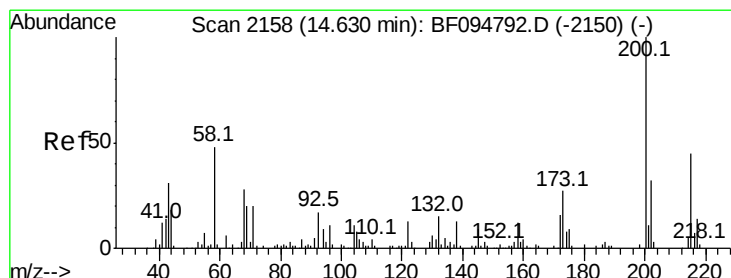
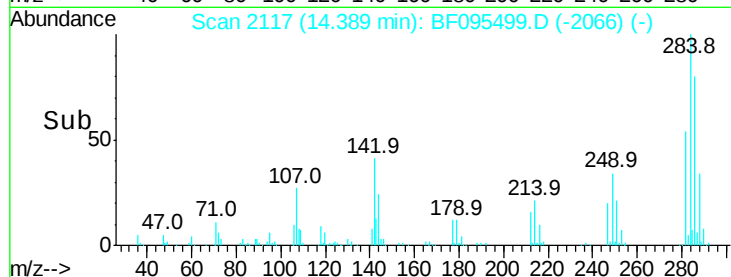
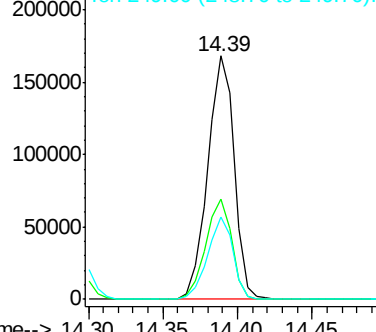
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.84 ng

RT: 14.65 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BF095499.D

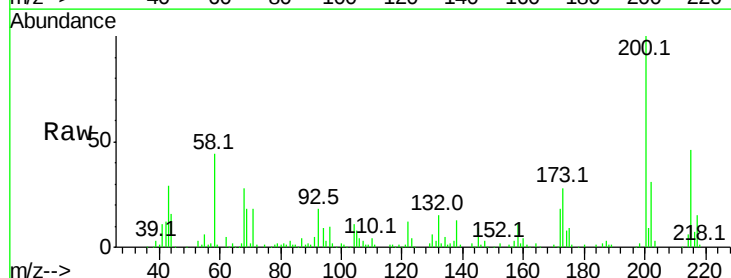
Acq: 27 May 2017 13:33

Tgt Ion:200 Resp: 165044
Ion Ratio Lower Upper

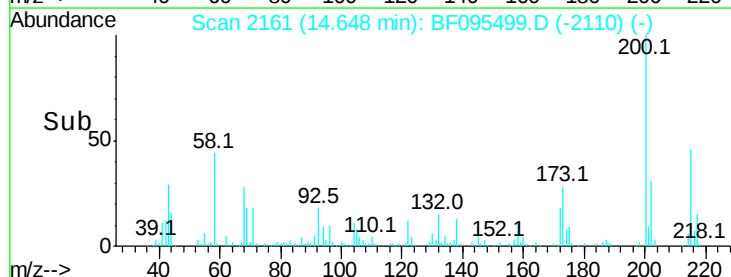
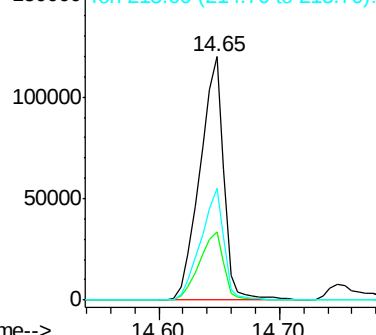
200 100

173 27.9 6.3 46.3

215 46.2 27.2 67.2



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





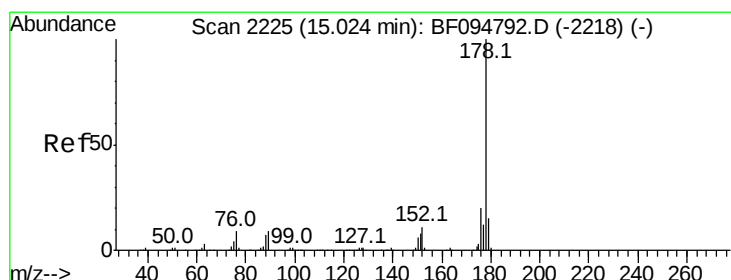
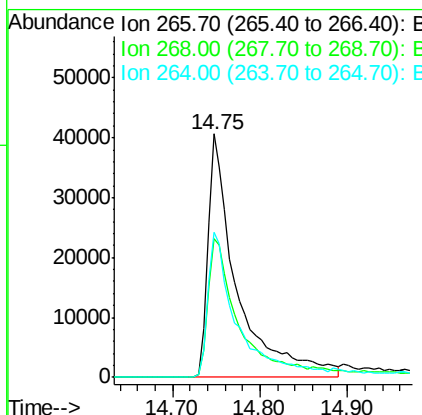
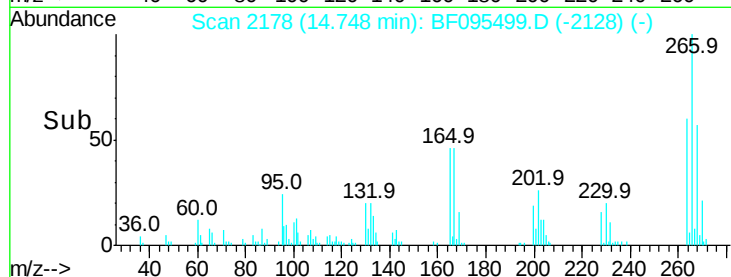
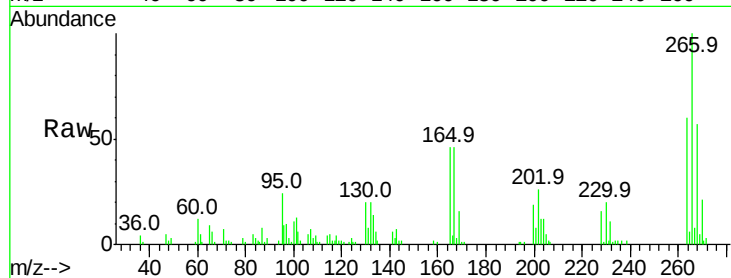
#69
 Pentachlorophenol
 Concen: 45.35 ng
 RT: 14.75 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	56.8	51.1	76.7
264	59.8	51.7	77.5

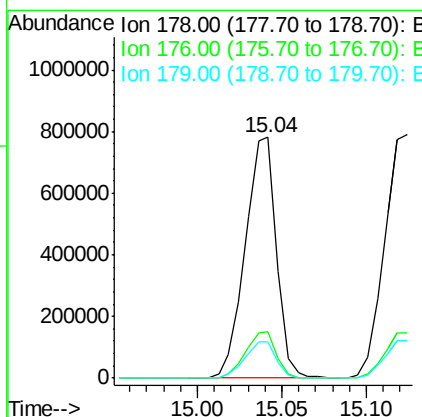
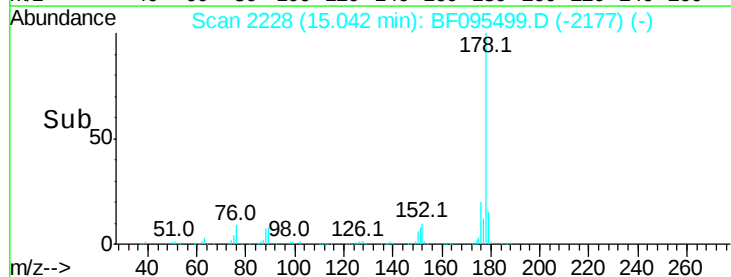
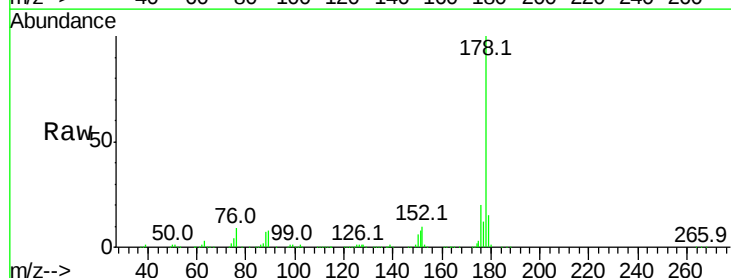
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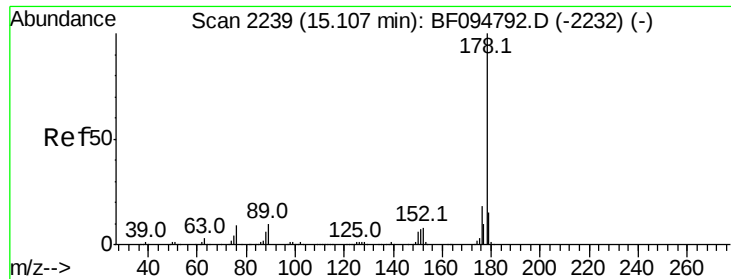
mohammad
 5/31/2017 1:00:11 PM



#70
 Phenanthrene
 Concen: 38.99 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.0	12.6	19.0





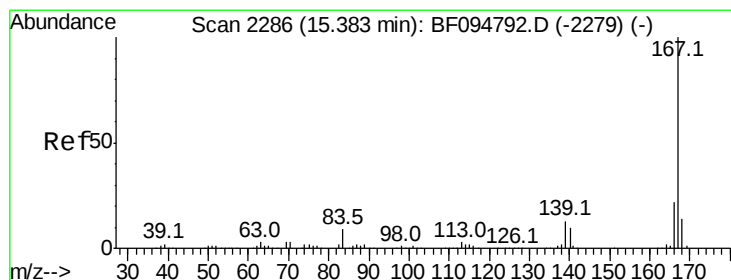
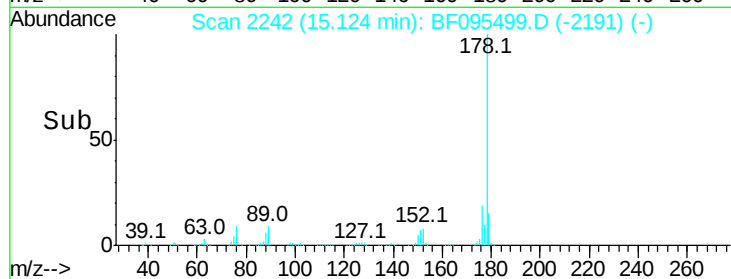
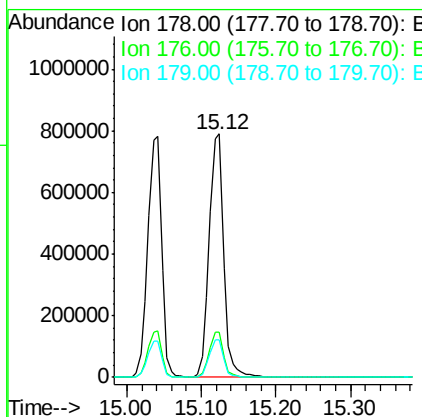
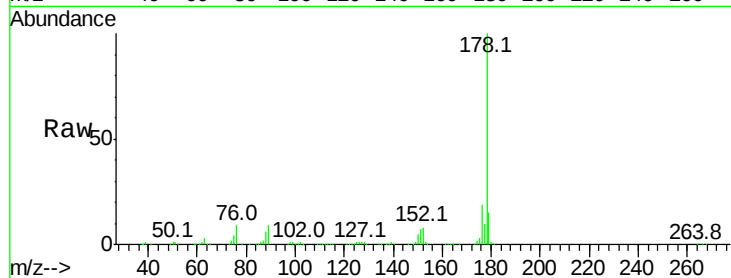
#71
 Anthracene
 Concen: 40.31 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:178 Resp: 1063335
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.3 12.7 19.1

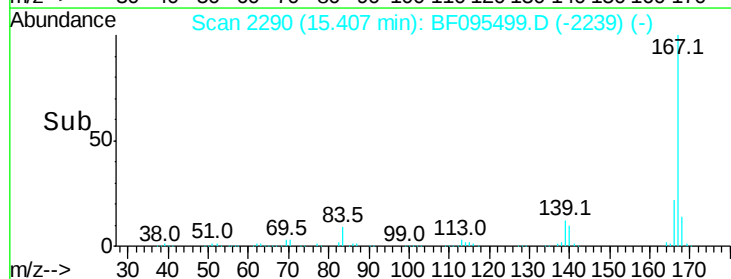
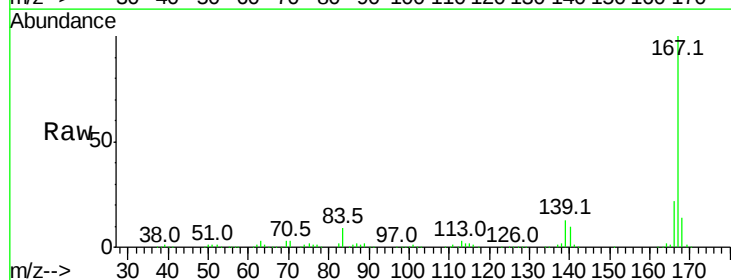
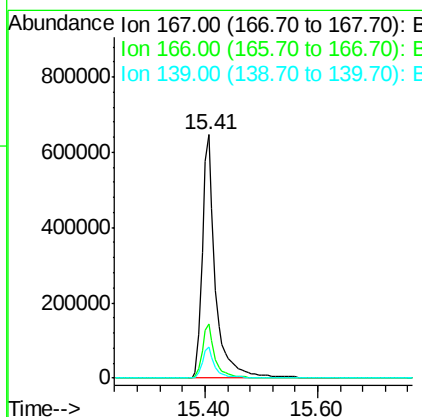
Manual Integrations
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#72
 Carbazole
 Concen: 43.84 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:167 Resp: 1052015
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.8 11.7 17.5





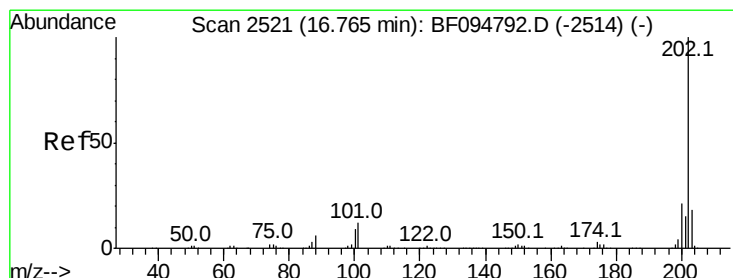
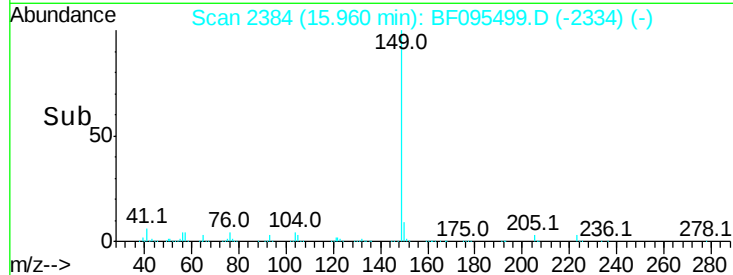
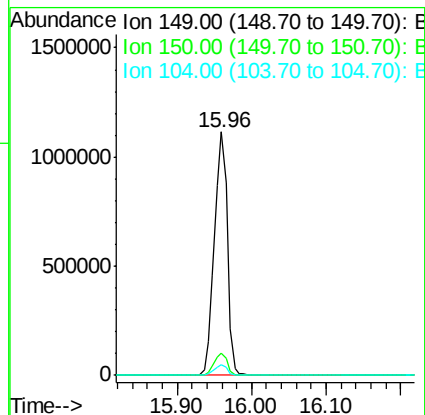
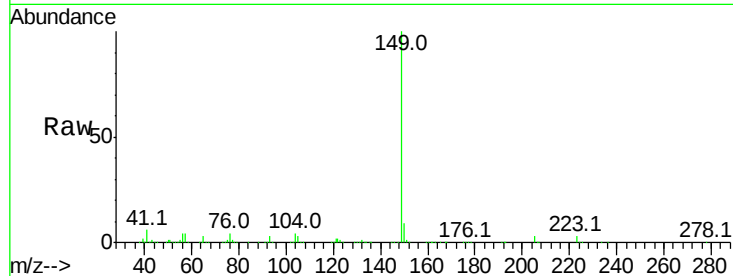
#73
Di-n-butylphthalate
Concen: 44.64 ng
RT: 15.96 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0

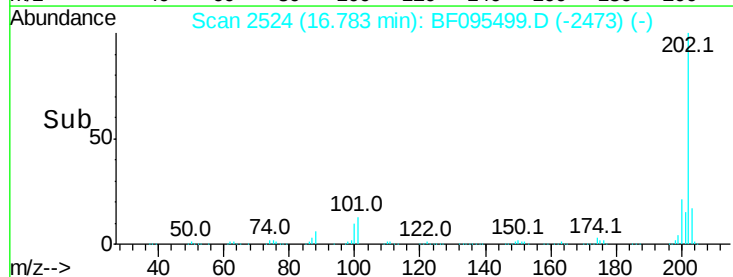
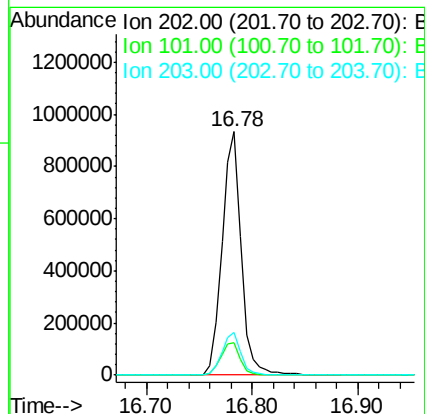
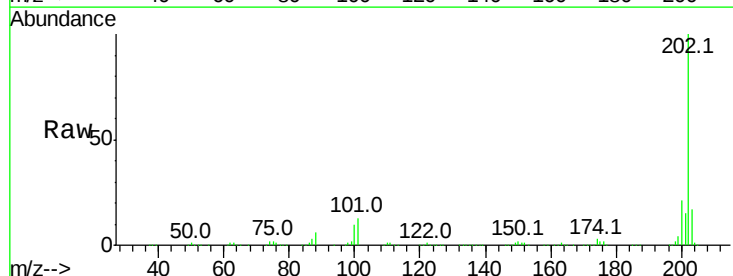
Manual Integrations
APPROVED

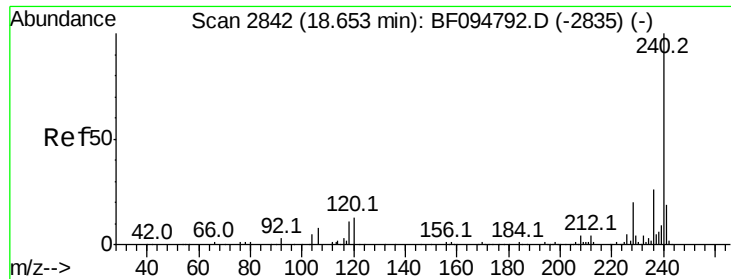
mohammad
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#74
Fluoranthene
Concen: 44.78 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

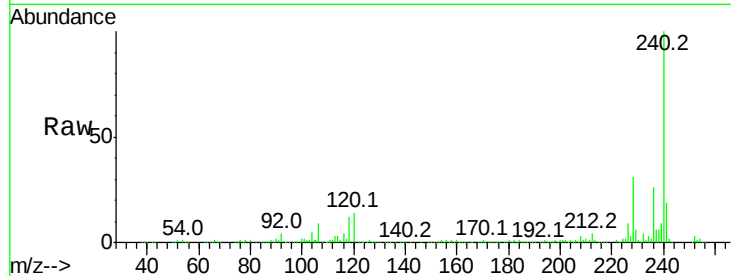
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.5	20.5	30.7

Manual Integrations
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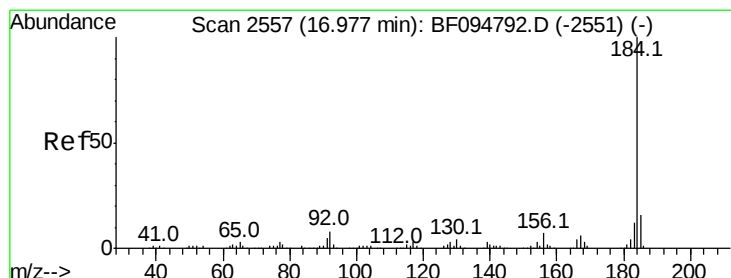
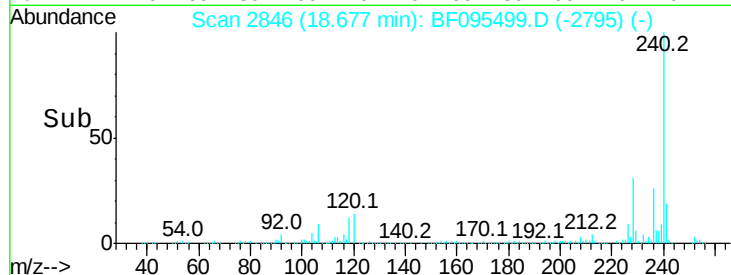
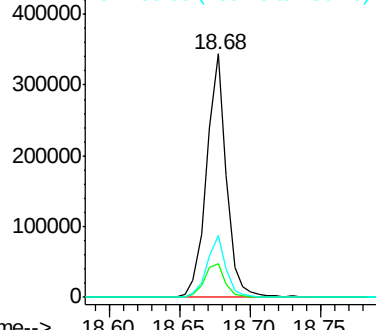
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.98 ng

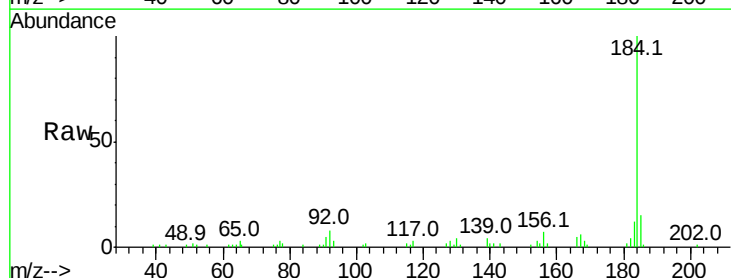
RT: 17.02 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

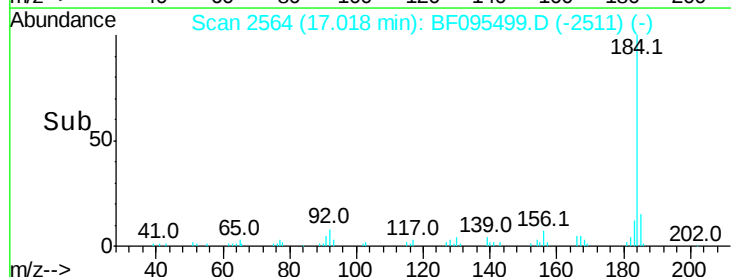
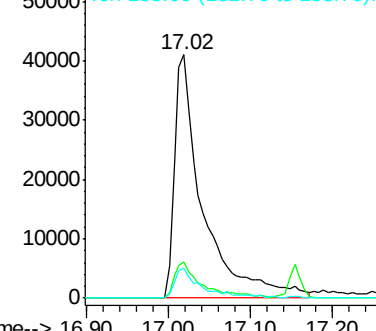
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	15.5	23.3#
183	12.3	9.8	14.6

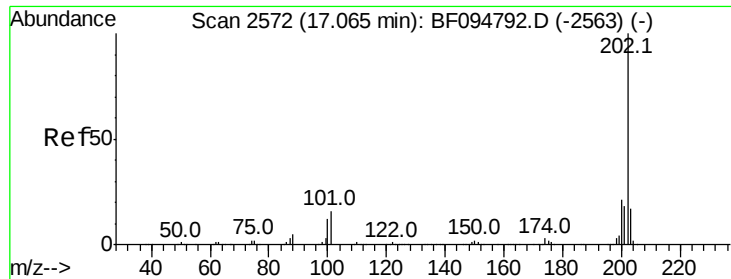


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





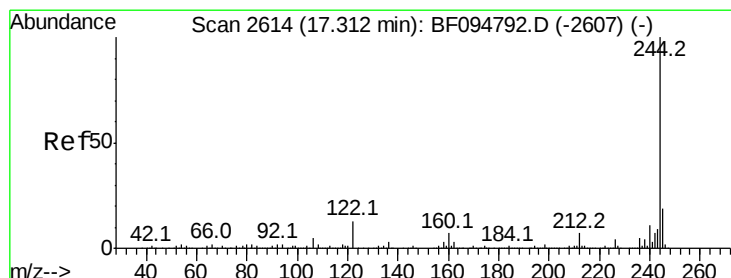
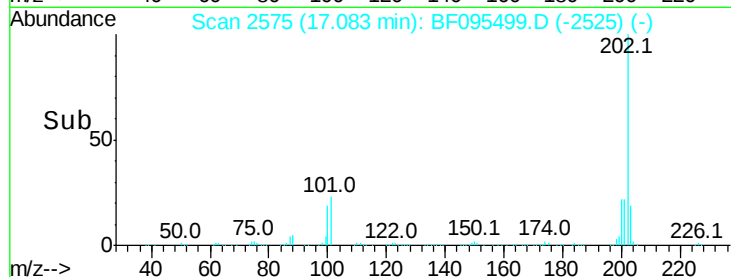
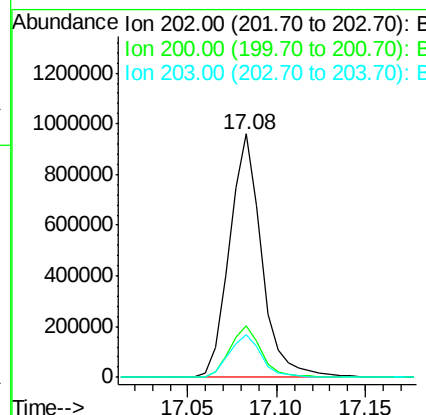
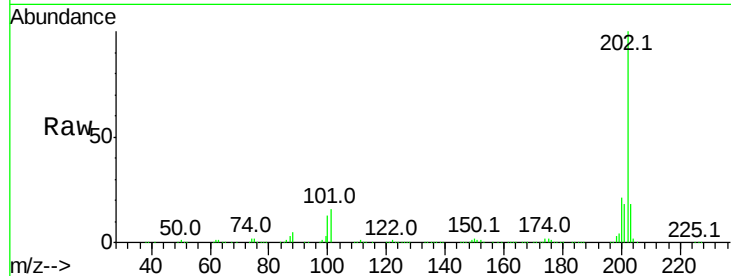
#77
Pvrene
Concen: 48.23 ng/ml
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.7	14.4	21.6

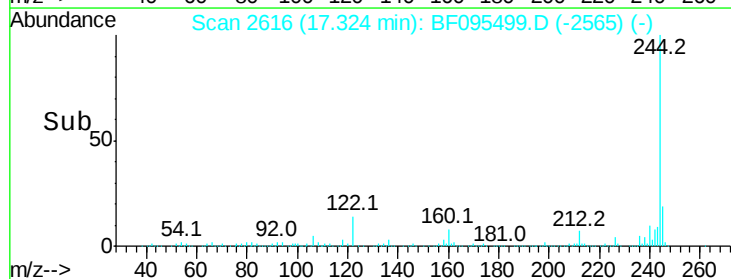
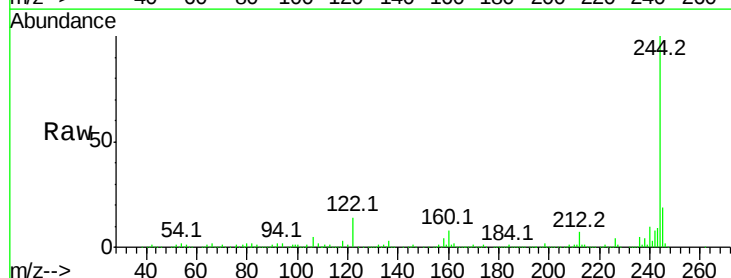
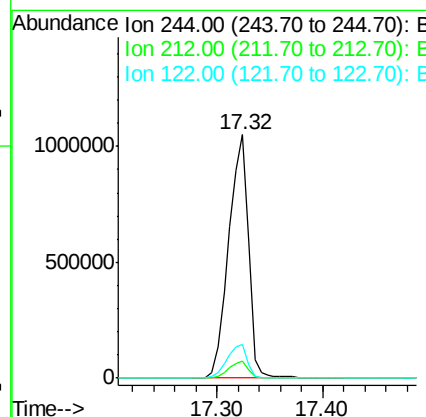
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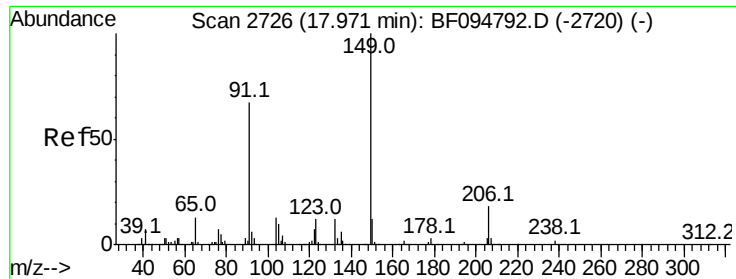
mohammad
5/31/2017 1:00:11 PM



#78
Terphenyl-d14
Concen: 89.87 ng
RT: 17.32 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5





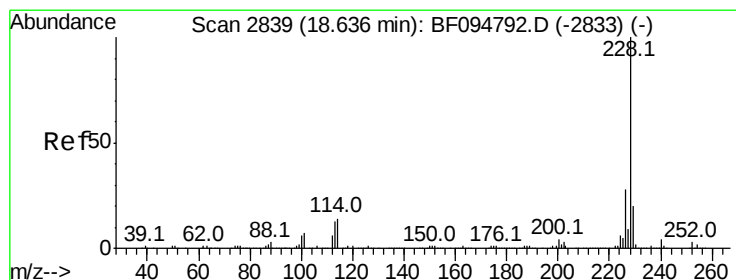
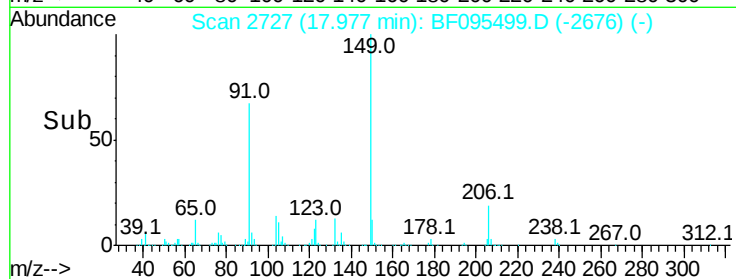
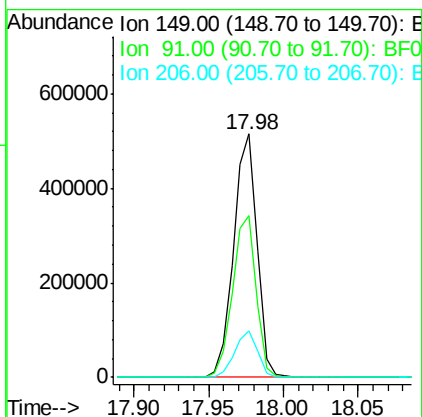
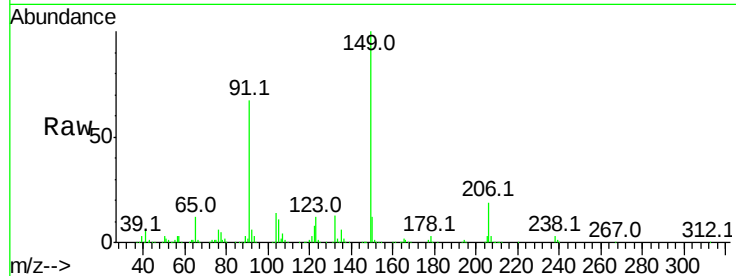
#79
Butylbenzylphthalate
Concen: 48.45 ng
RT: 17.98 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	565244		
91	66.6	45.0	67.4	
206	19.0	17.0	25.6	

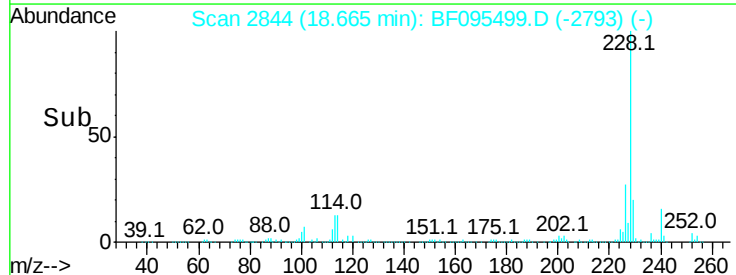
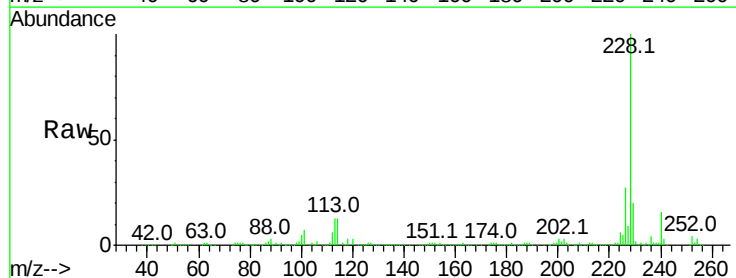
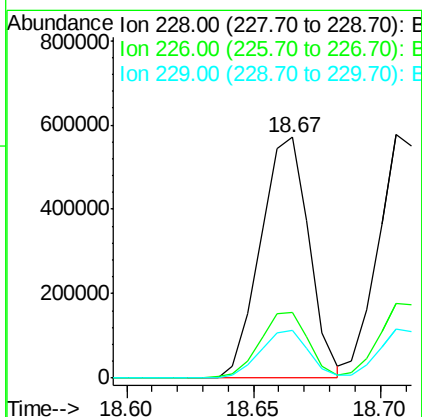
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#80
Benzo(a)anthracene
Concen: 39.08 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	762854		
226	27.4	22.6	33.8	
229	19.8	16.3	24.5	





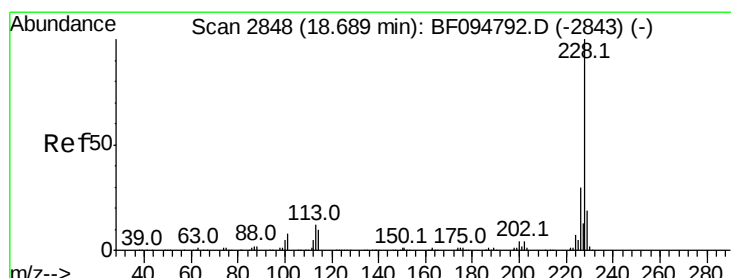
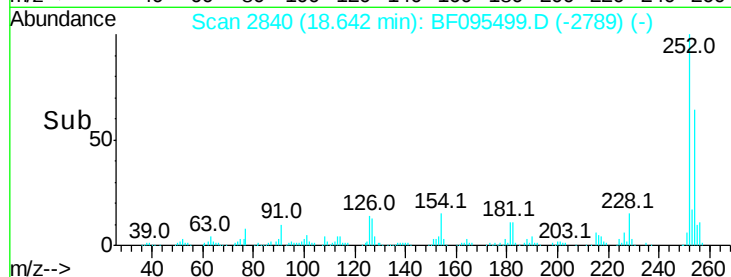
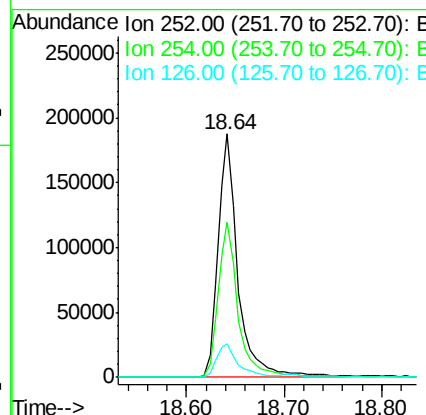
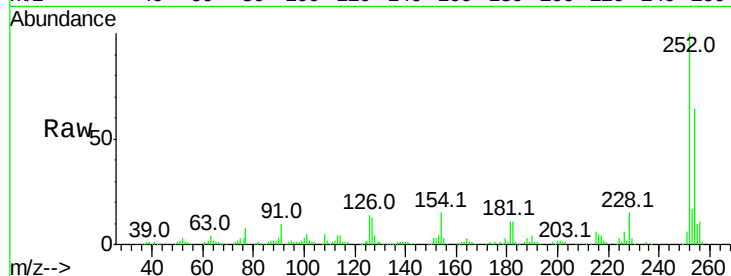
#81
 3,3'-Dichlorobenzidine
 Concen: 39.17 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	264054		
254	64.0	51.5	77.3	
126	13.6	15.8	23.8	

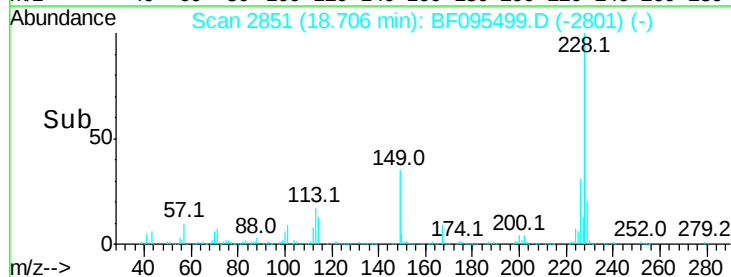
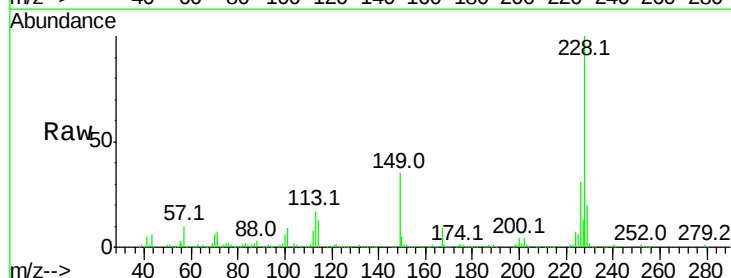
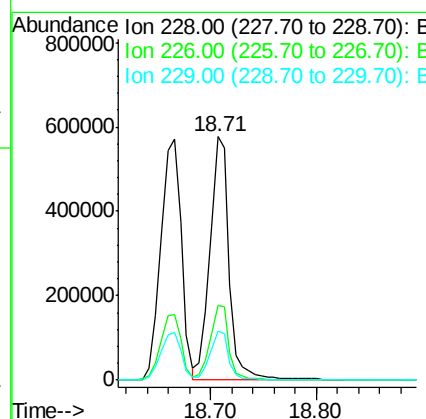
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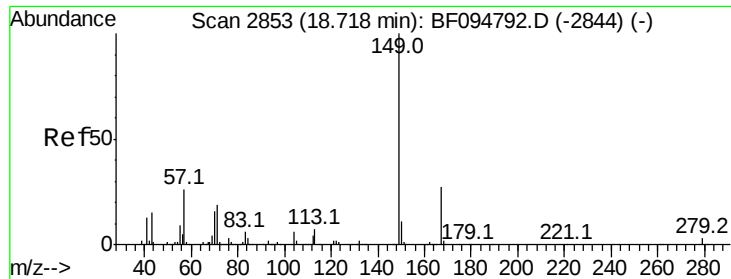
mohammad
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#82
 Chrysene
 Concen: 38.87 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	733707		
226	30.7	24.9	37.3	
229	20.1	15.8	23.6	





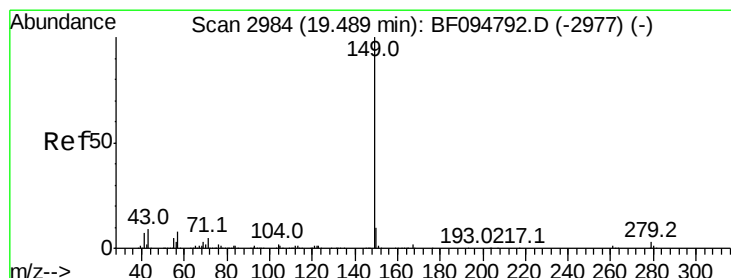
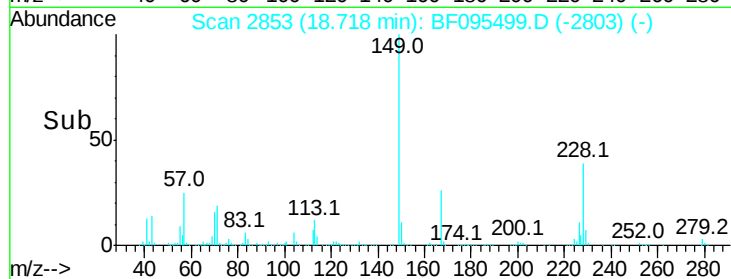
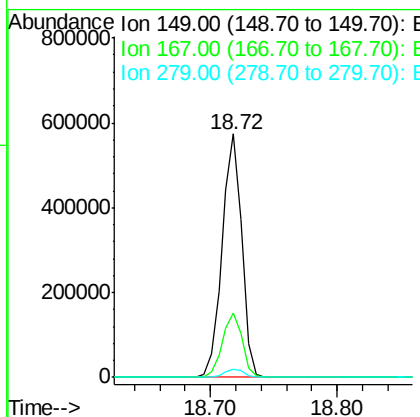
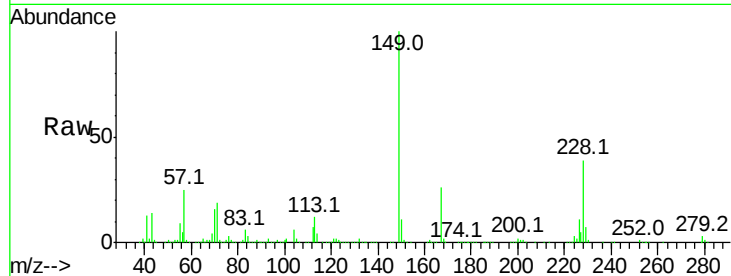
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.24 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.3	21.0	31.4	
279	3.3	1.9	2.9	

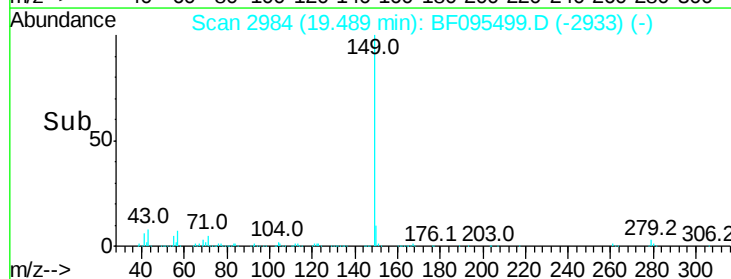
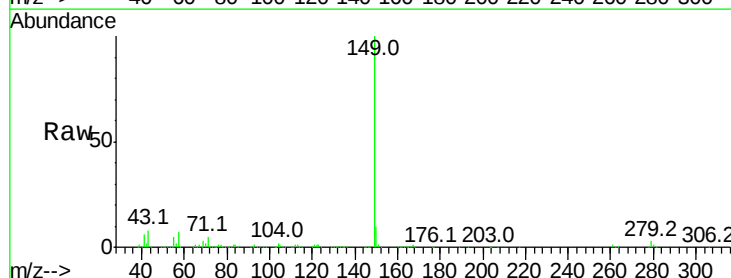
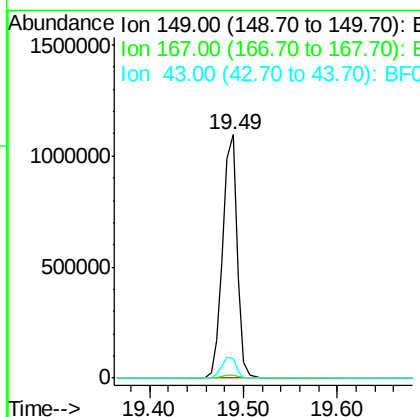
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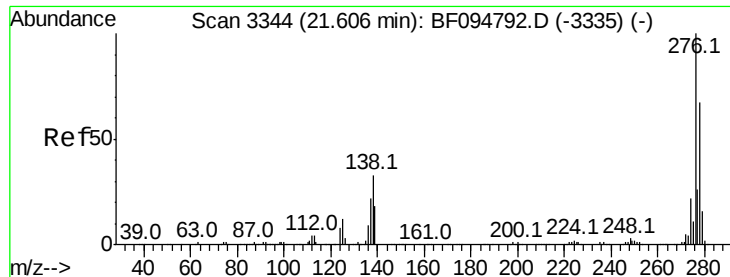
mohammad
 5/31/2017 1:00:11 PM



#84
 Di-n-octyl phthalate
 Concen: 43.35 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

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





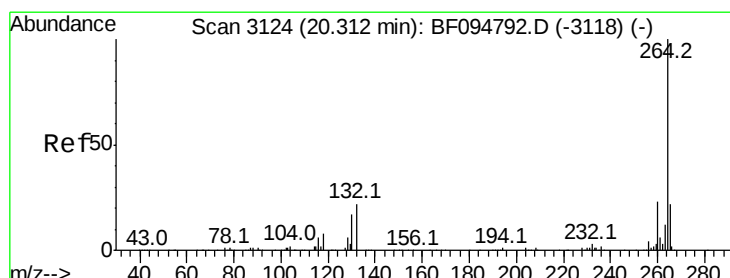
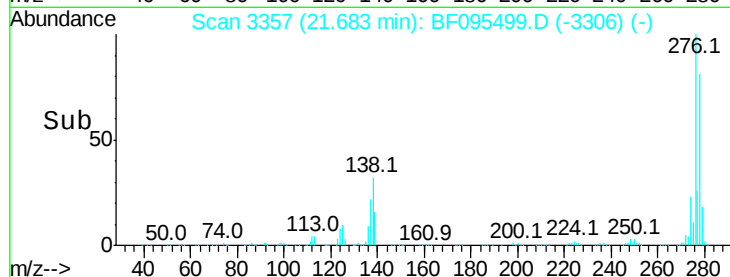
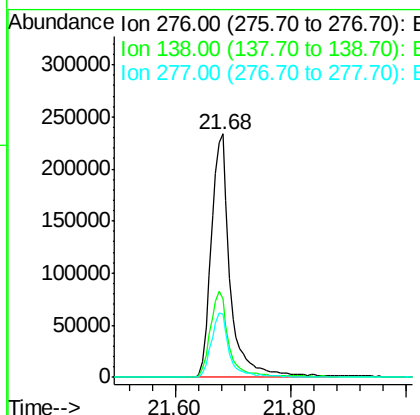
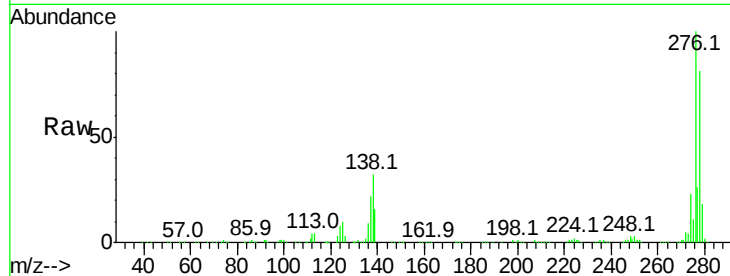
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.02 ng
RT: 21.68 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.4	20.2	30.4

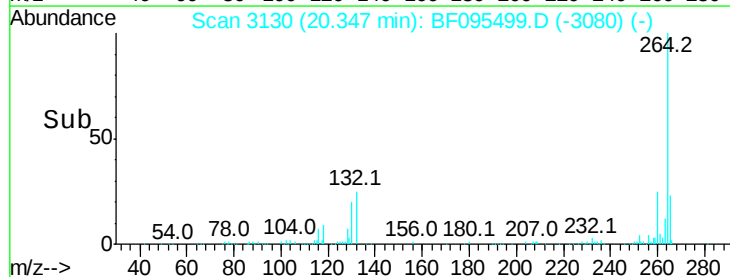
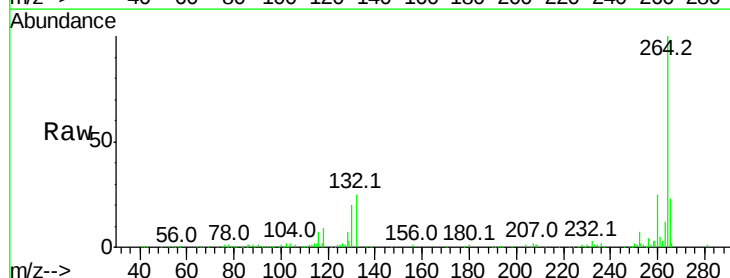
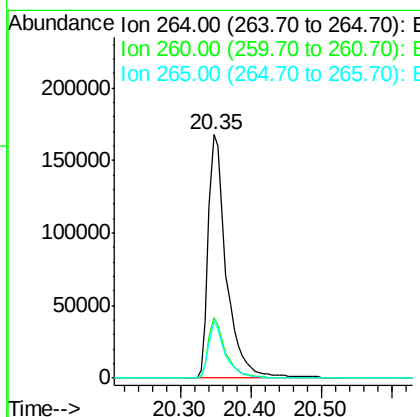
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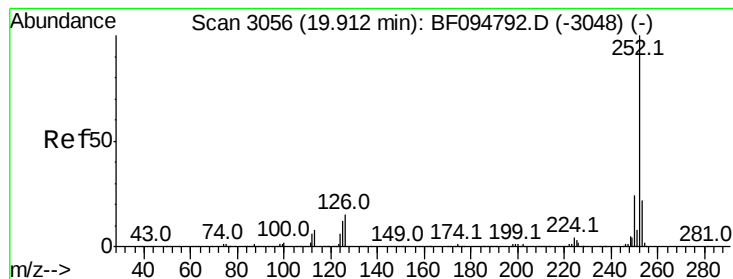
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	23.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.25 ng

RT: 19.94 min Scan# 3061

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

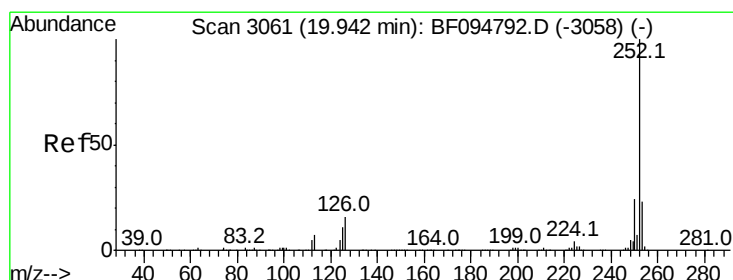
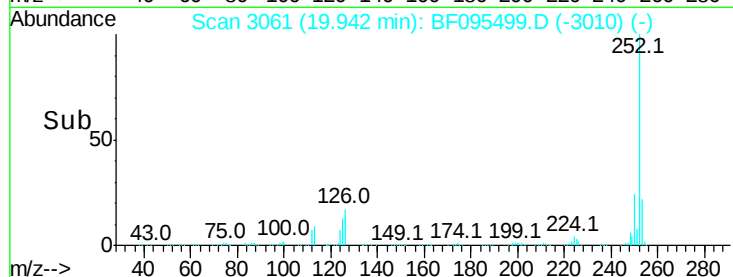
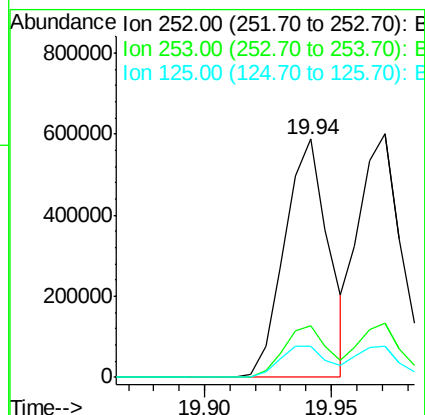
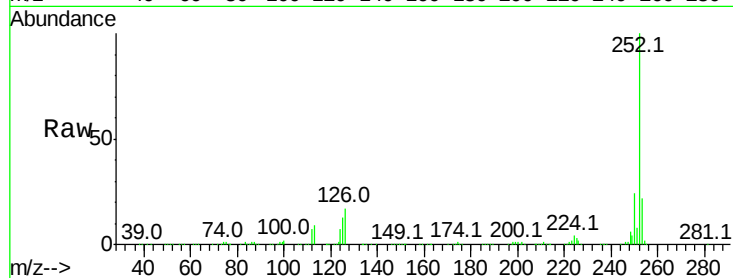
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	13.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.71 ng

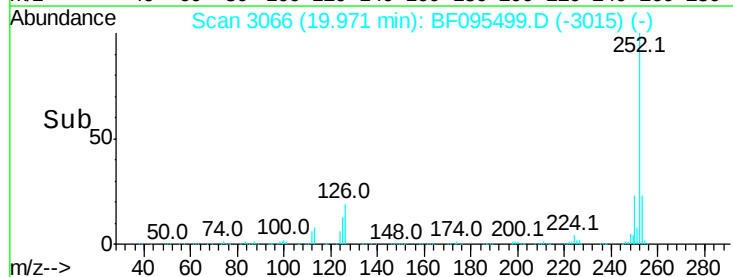
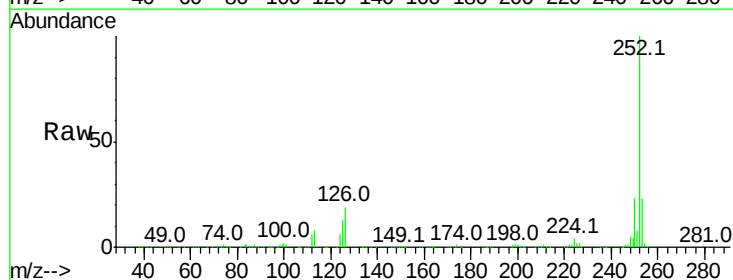
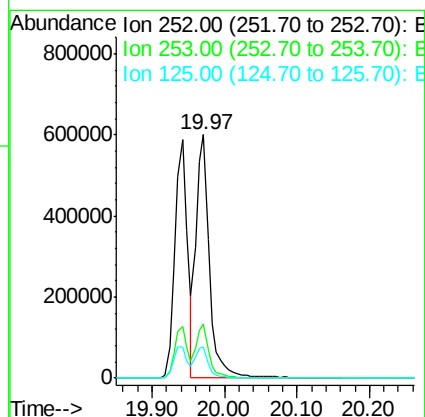
RT: 19.97 min Scan# 3066

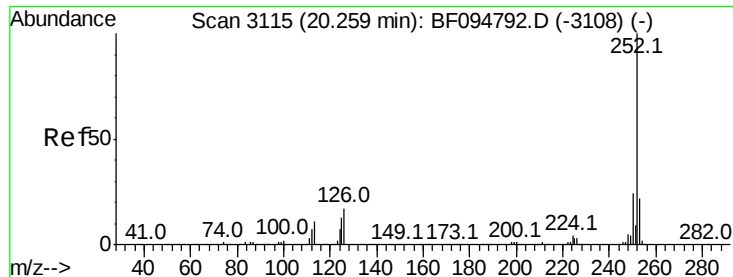
Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	12.6	13.1	19.7#





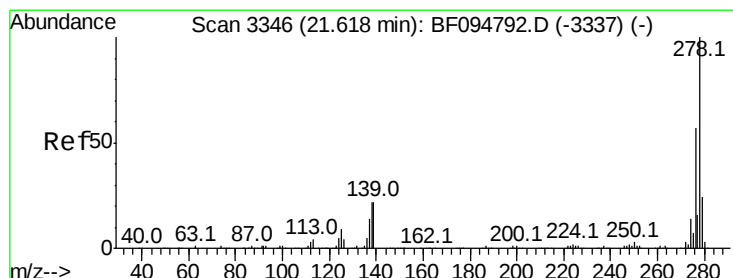
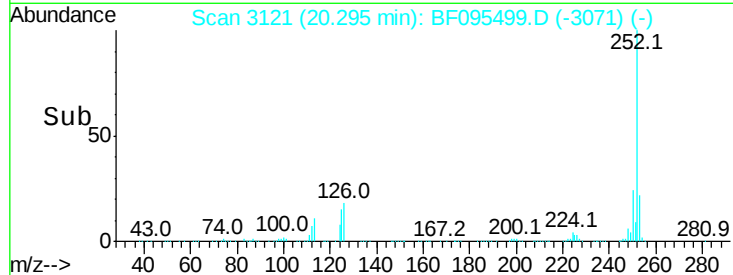
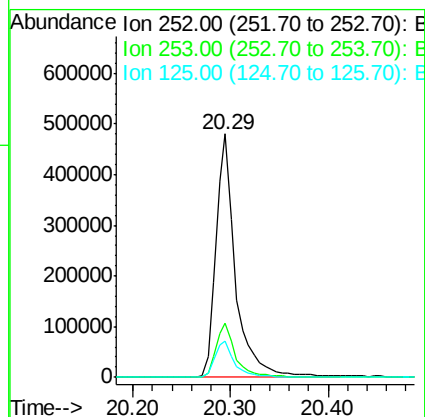
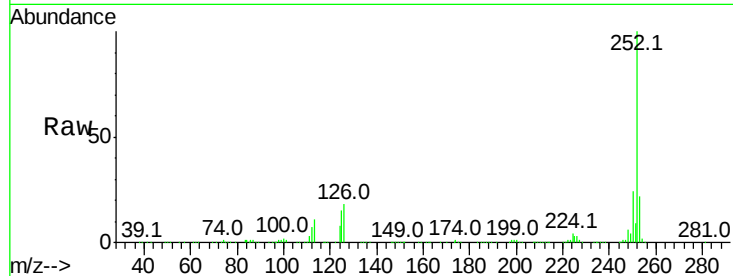
#89
Benzo(a)pyrene
Concen: 38.88 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	252	Resp:	663798
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	14.8	11.0	16.4

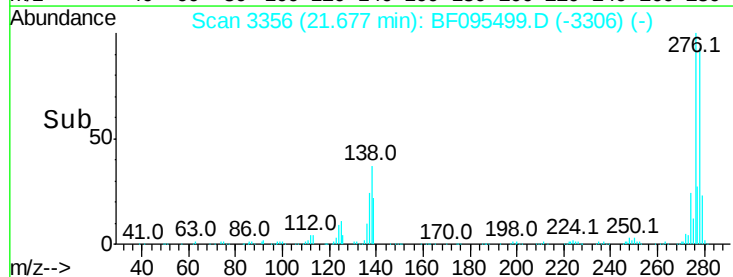
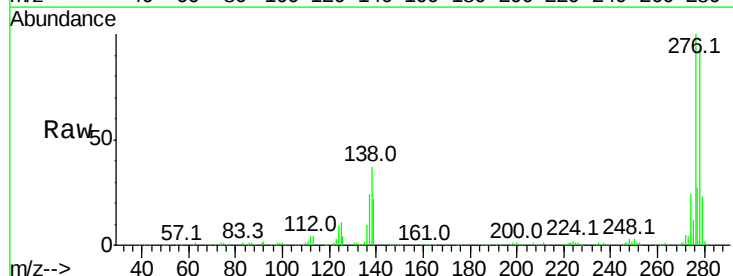
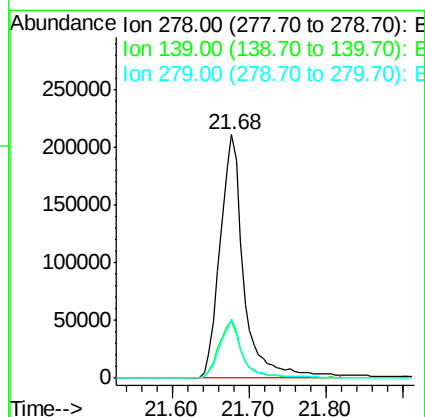
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#90
Dibenzo(a,h)anthracene
Concen: 32.07 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:	278	Resp:	452225
Ion Ratio	Lower	Upper	
278	100		
139	23.3	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.77 ng
 RT: 22.06 min Scan# 3421
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	32.4	25.4	38.0

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 5/31/2017 1:00:11 PM

