

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093098.D
 Acq On : 23 Feb 2017 9:43
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/24/2017 1:35:21 PM

Quant Time: Feb 23 12:27:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	188116	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	739393	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	395121	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	607284	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	431640	20.00	ng	-0.02
86) Perylene-d12	15.41	264	350099	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	813322	74.18	ng	-0.02
7) Phenol-d6	6.49	99	1163307	82.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	1006242	75.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	231015	80.84	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1745658	80.04	ng	-0.01
78) Terphenyl-d14	12.95	244	1522594	82.88	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	233001	39.33	ng	87
3) Pyridine	3.10	79	618636	41.06	ng	88
4) n-Nitrosodimethylamine	3.07	42	275067	38.88	ng	86
6) Aniline	6.51	93	798205	41.48	ng	# 43
8) 2-Chlorophenol	6.62	128	486609	40.23	ng	96
9) Benzaldehyde	6.38	77	337921	33.43	ng	92
10) Phenol	6.50	94	709174	42.96	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	487515	37.00	ng	93
12) 1,3-Dichlorobenzene	6.78	146	572762	40.43	ng	99
13) 1,4-Dichlorobenzene	6.85	146	545352	38.03	ng	99
14) 1,2-Dichlorobenzene	7.01	146	557598	40.66	ng	97
15) Benzyl Alcohol	6.99	79	381966	36.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	983694	42.98	ng	95
17) 2-Methylphenol	7.10	107	419341	40.41	ng	97
18) Hexachloroethane	7.36	117	193417	39.51	ng	# 82
19) n-Nitroso-di-n-propylamine	7.26	70	332860	37.06	ng	97
20) 3+4-Methylphenols	7.26	107	494364	39.84	ng	99
22) Acetophenone	7.25	105	666325	39.47	ng	95
24) Nitrobenzene	7.44	77	622225	45.64	ng	# 88
25) Isophorone	7.68	82	1030706	41.66	ng	99
26) 2-Nitrophenol	7.74	139	263115	40.60	ng	96
27) 2,4-Dimethylphenol	7.79	122	469807	41.28	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	653629	39.89	ng	98
29) 2,4-Dichlorophenol	8.00	162	418661	39.44	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	442001	38.64	ng	93
31) Naphthalene	8.14	128	1398464	37.31	ng	100
32) Benzoic acid	7.93	122	272261	43.08	ng	96
33) 4-Chloroaniline	8.20	127	589919	40.13	ng	97
34) Hexachlorobutadiene	8.27	225	231870	36.84	ng	97
35) Caprolactam	8.59	113	142493	42.68	ng	# 44
36) 4-Chloro-3-methylphenol	8.69	107	466038	42.11	ng	91
37) 2-Methylnaphthalene	8.84	142	988734	41.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	394857	35.60	ng	99
40) Hexachlorocyclopentadiene	8.99	237	182257	36.42	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	273671	37.55	nq	91
43) 2,4,5-Trichlorophenol	9.16	196	310263	38.85	nq	# 90
45) 1,1'-Biphenyl	9.30	154	1030749	36.03	nq	96
46) 2-Chloronaphthalene	9.32	162	894624	39.97	nq	94
47) 2-Nitroaniline	9.42	65	272560	36.22	nq	98
48) Acenaphthylene	9.74	152	1507678	38.99	nq	98
49) Dimethylphthalate	9.61	163	987712	37.11	nq	99
50) 2,6-Dinitrotoluene	9.68	165	249961	43.49	nq	# 77
51) Acenaphthene	9.92	154	874321	37.82	nq	96
52) 3-Nitroaniline	9.84	138	270386	41.11	nq	95
53) 2,4-Dinitrophenol	9.95	184	104450	38.34	nq	# 81
54) Dibenzofuran	10.09	168	1166629	37.73	nq	90
55) 4-Nitrophenol	10.01	139	176835	37.33	nq	92
56) 2,4-Dinitrotoluene	10.08	165	295785	38.65	nq	95
57) Fluorene	10.43	166	939210	39.48	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	206584	38.78	nq	100
59) Diethylphthalate	10.30	149	1016901	40.54	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	440083	38.51	nq	# 83
61) 4-Nitroaniline	10.45	138	253304	37.60	nq	94
62) Azobenzene	10.58	77	1111460	42.89	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	169009	45.85	nq	92
65) n-Nitrosodiphenylamine	10.53	169	817367	42.13	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	268761	42.36	nq	# 81
67) Hexachlorobenzene	10.97	284	251681	40.14	nq	# 75
68) Atrazine	11.07	200	282010	45.30	nq	96
69) Pentachlorophenol	11.17	266	137857	45.96	nq	97
70) Phenanthrene	11.39	178	1441146	41.42	nq	98
71) Anthracene	11.44	178	1304702	37.34	nq	99
72) Carbazole	11.60	167	1381702	41.37	nq	99
73) Di-n-butylphthalate	11.93	149	1564309	43.31	nq	# 96
74) Fluoranthene	12.57	202	1251836	34.88	nq	97
76) Benzidine	12.69	184	628089	34.15	nq	98
77) Pyrene	12.80	202	1285941	39.81	nq	99
79) Butylbenzylphthalate	13.41	149	592883	45.20	nq	97
80) Benzo(a)anthracene	13.99	228	954104	36.14	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	376392	40.00	nq	# 97
82) Chrysene	14.02	228	891828	36.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	832260	46.39	nq	# 97
84) Di-n-octyl phthalate	14.58	149	1309573	44.83	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	918165	47.96	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	831596	36.09	nq	98
88) Benzo(k)fluoranthene	15.04	252	814813m	40.95	nq	
89) Benzo(a)pyrene	15.37	252	801659	40.22	nq	97
90) Dibenzo(a,h)anthracene	16.83	278	755530m	46.90	nq	
91) Benzo(g,h,i)perylene	17.24	276	826912	50.81	nq	# 90

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

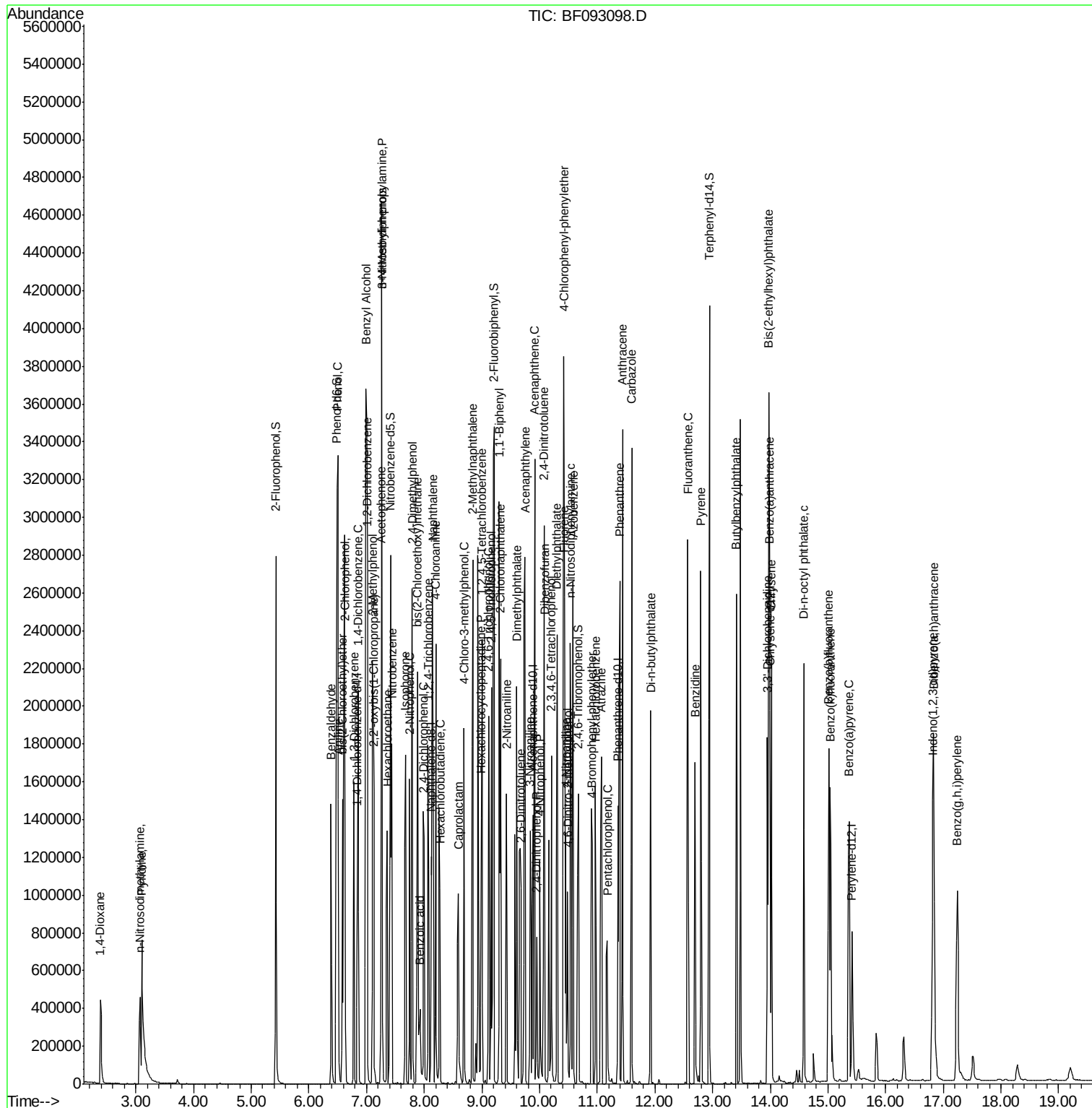
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
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Operator  : SJ/MA
Sample    : SSTCCCC040
Misc      :
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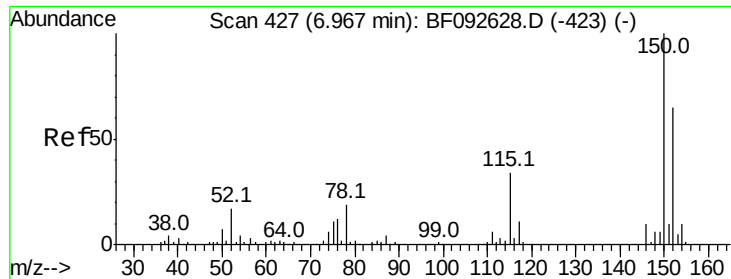
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

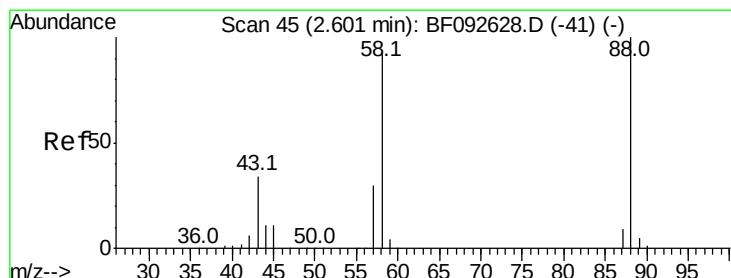
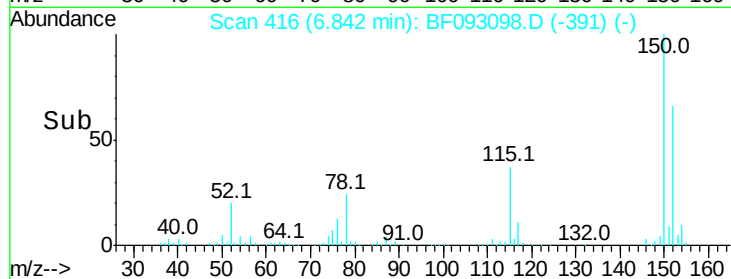
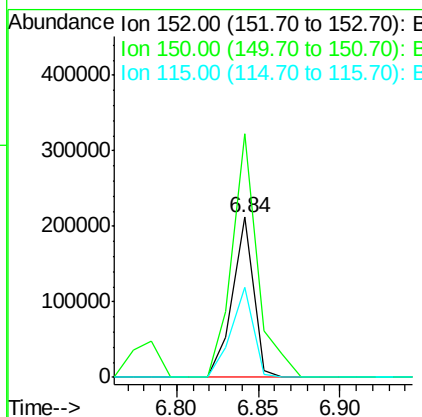
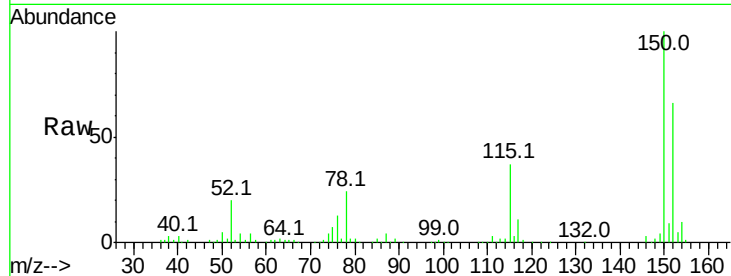
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	188116
Ion Ratio	Lower	Upper	
152	100		
150	152.1	124.9	187.3
115	56.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 39.33 ng

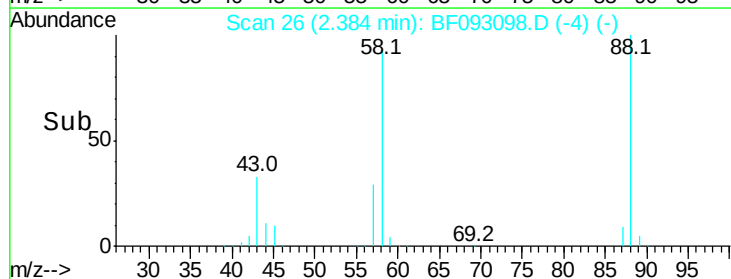
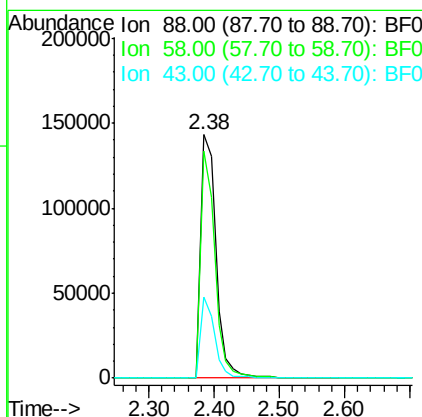
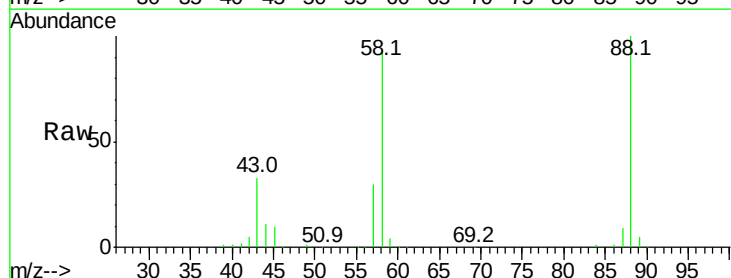
RT: 2.38 min Scan# 26

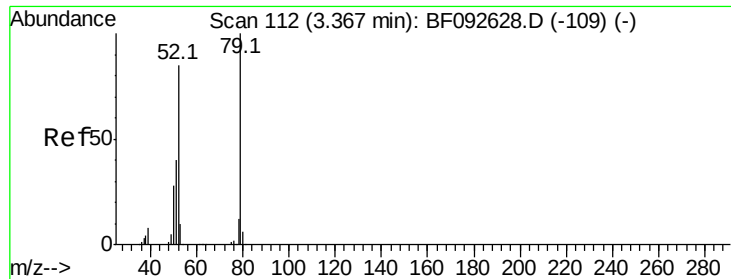
Delta R.T. -0.05 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:	88	Resp:	233001
Ion Ratio	Lower	Upper	
88	100		
58	86.2	57.8	86.8
43	30.1	22.3	33.5





#3

Pvridine

Concen: 41.06 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

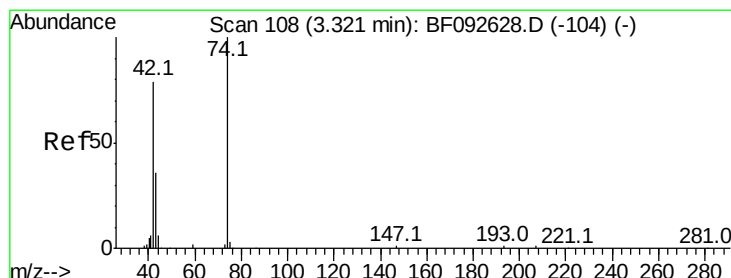
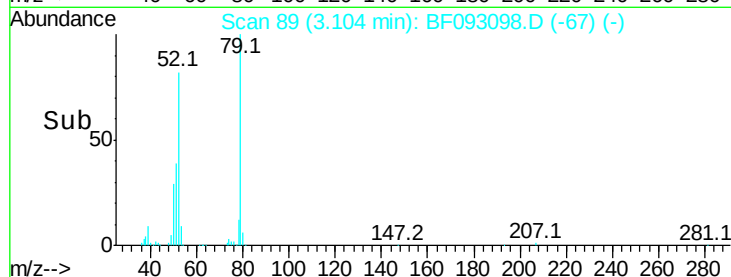
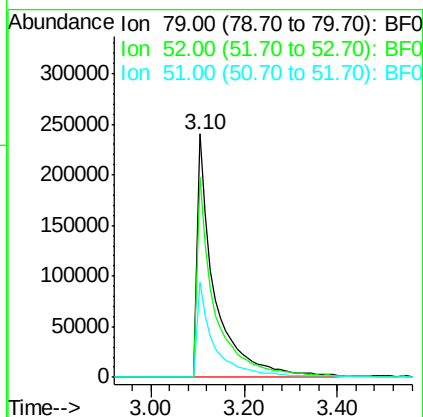
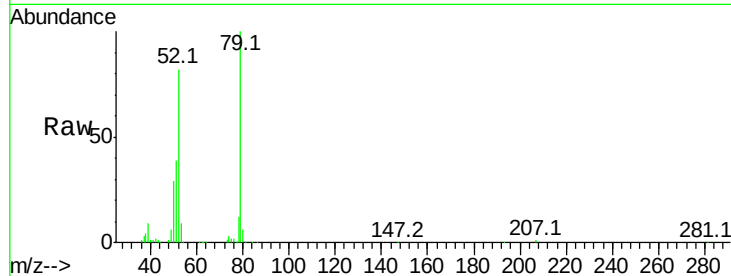
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	618636
Ion	Ratio	Lower	Upper
79	100		
52	82.1	57.1	85.7
51	39.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 38.88 ng

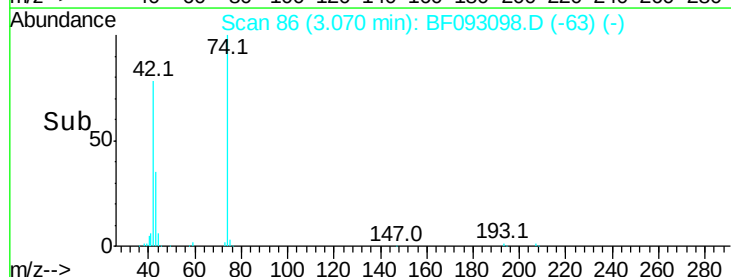
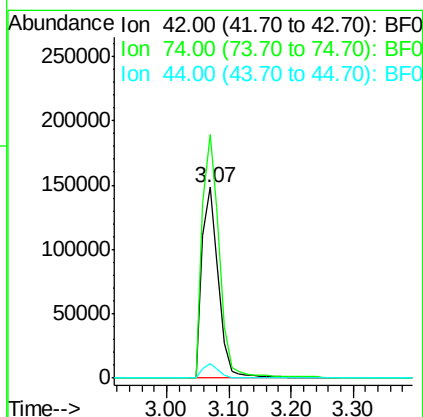
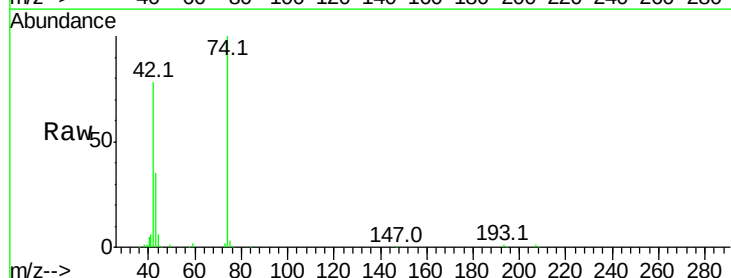
RT: 3.07 min Scan# 86

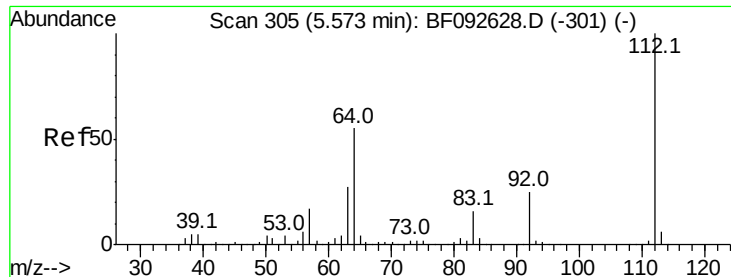
Delta R.T. -0.03 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:	42	Resp:	275067
Ion	Ratio	Lower	Upper
42	100		
74	127.5	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 74.18 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

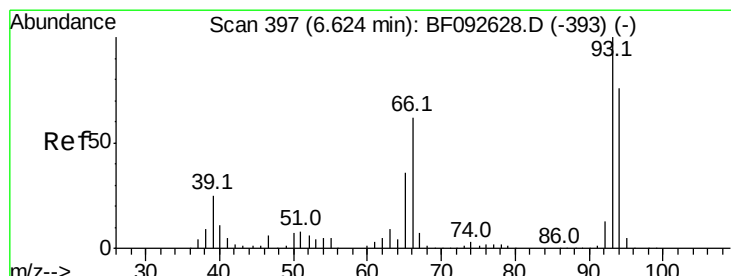
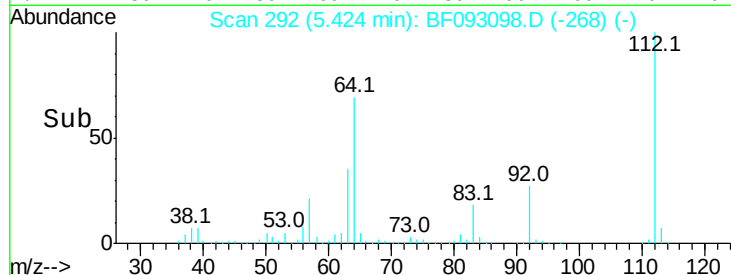
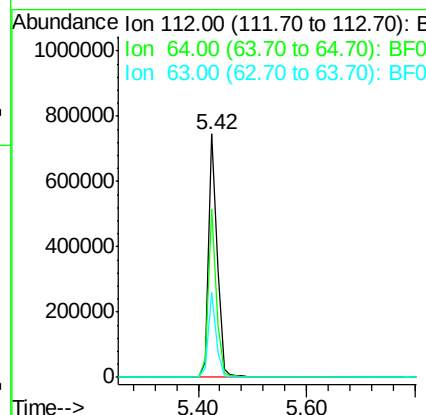
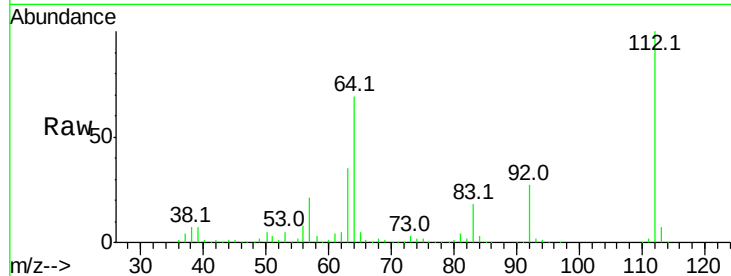
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	69.0	46.1	69.1
63	34.7	23.8	35.6

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#6

Aniline

Concen: 41.48 ng

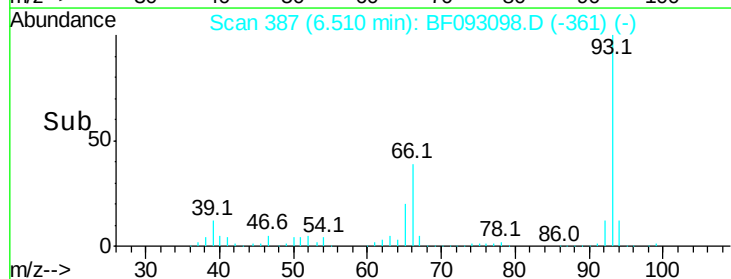
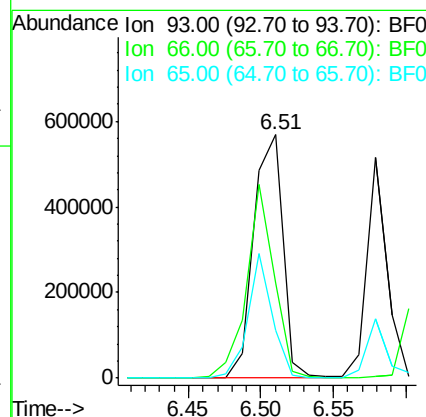
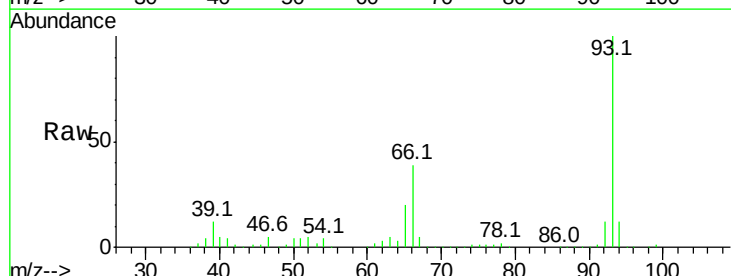
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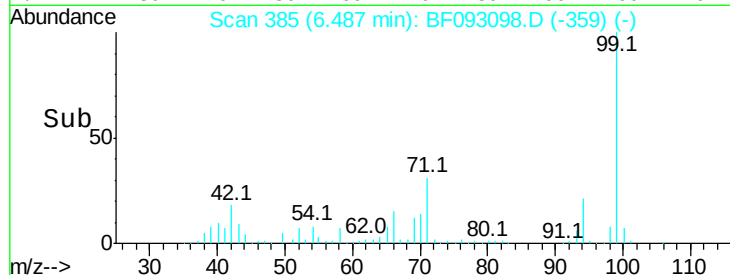
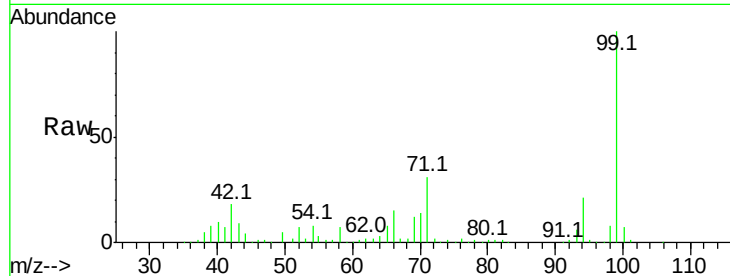
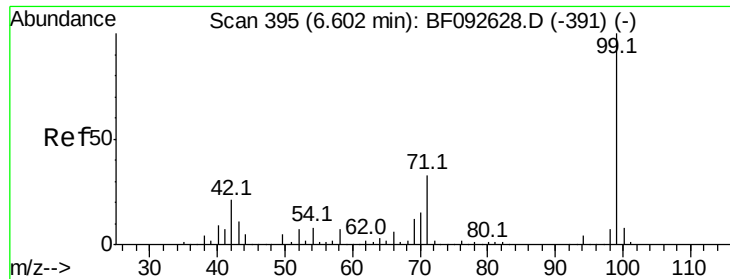
Delta R.T. -0.00 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.2	76.2	114.2#
65	19.5	49.3	73.9#





#7

Phenol-d6

Concen: 82.46 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tot Ion: 99 Resp: 1163307

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

71 30.7 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

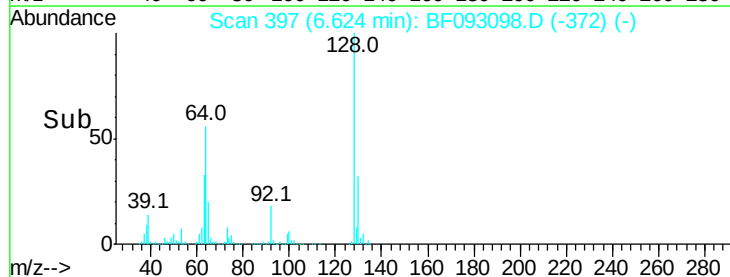
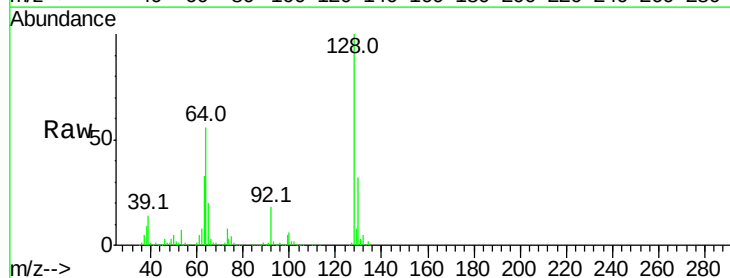
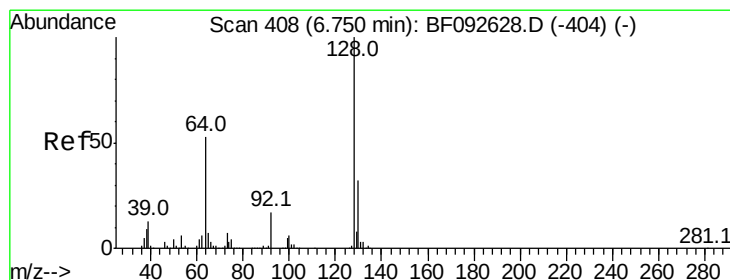
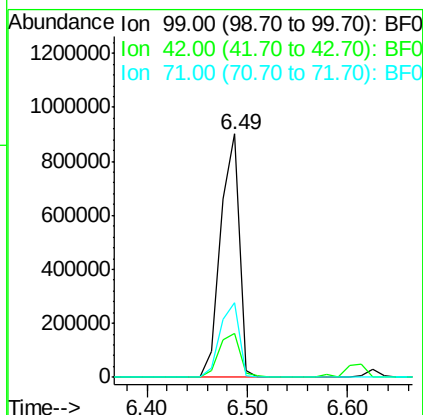
SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.23 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

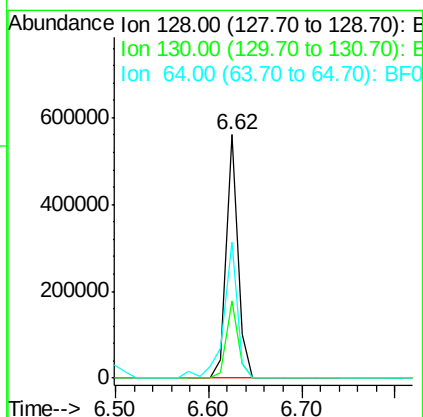
Tgt Ion:128 Resp: 486609

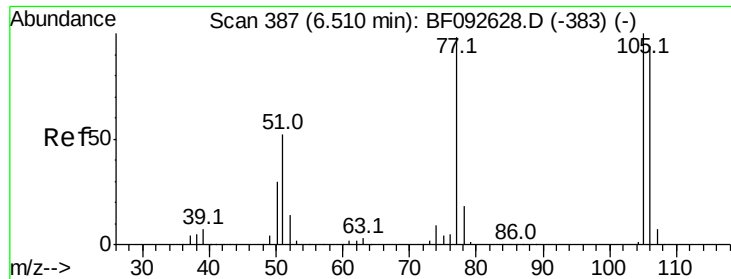
Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

64 55.9 32.2 72.2





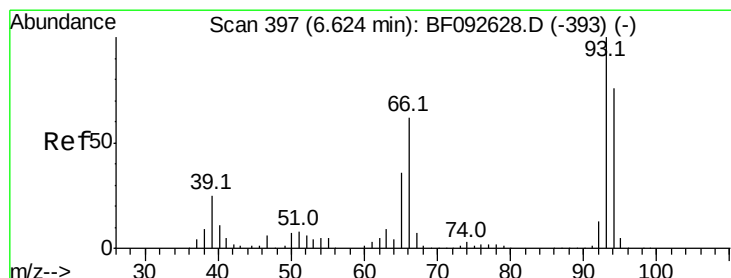
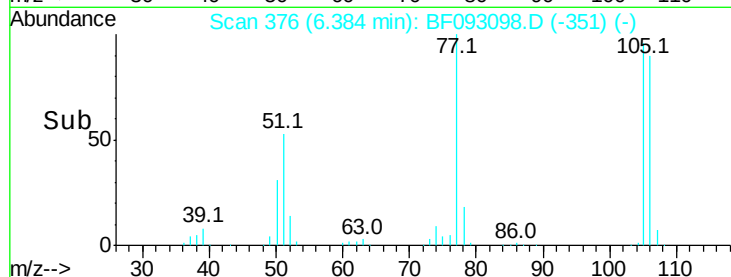
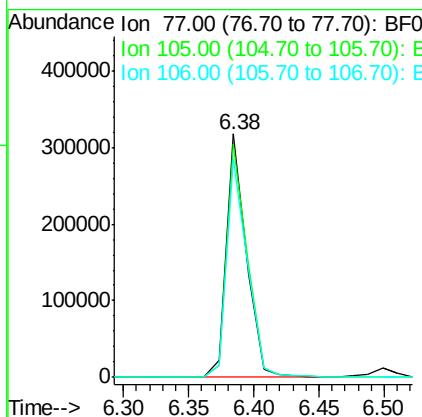
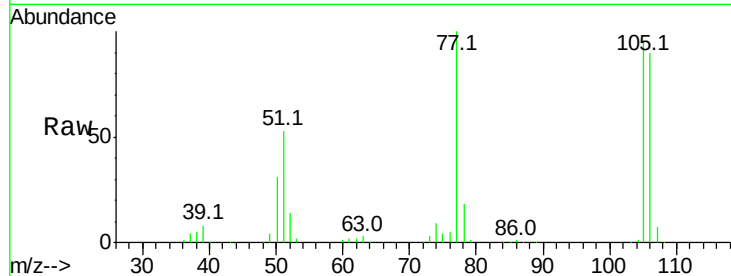
#9
Benzaldehyde
Concen: 33.43 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	95.8	83.9	123.9
106	89.7	77.6	117.6

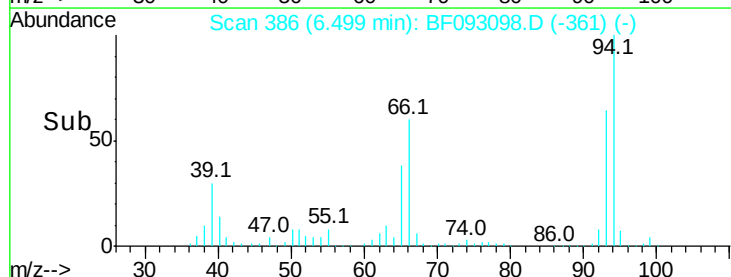
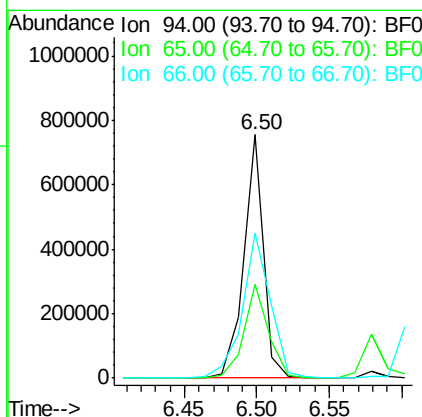
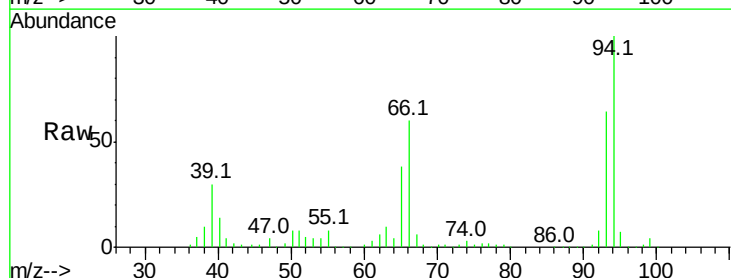
Manual Integrations
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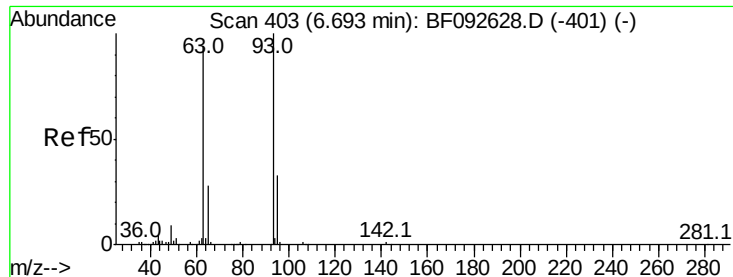
mohammad
2/24/2017 1:35:21 PM



#10
Phenol
Concen: 42.96 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.4	21.4	61.4
66	59.8	44.0	84.0





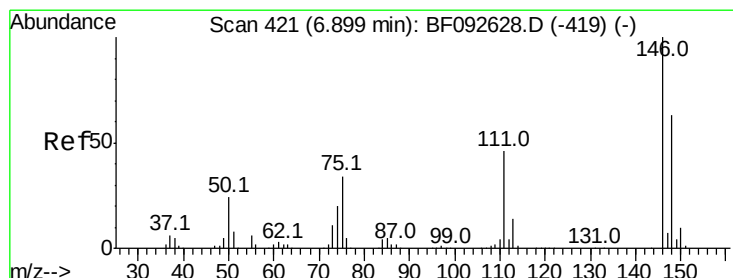
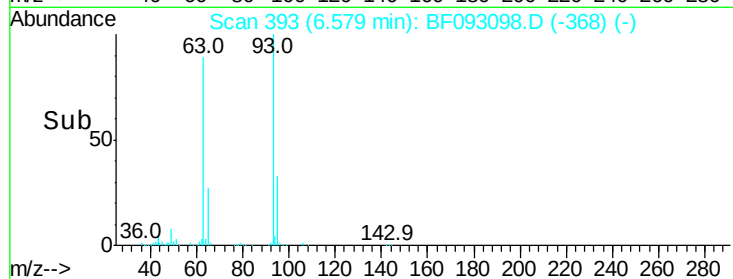
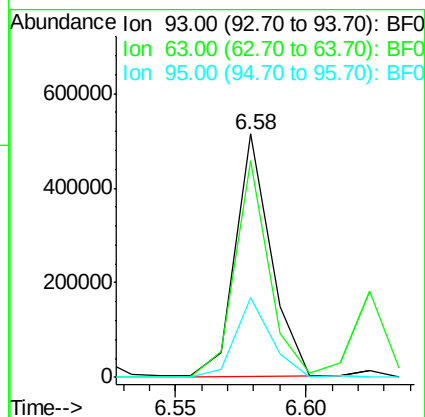
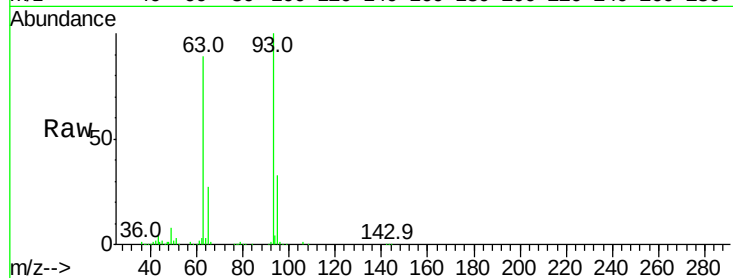
#11
bis(2-Chloroethyl)ether
Concen: 37.00 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	60.4	100.4
95	32.7	12.8	52.8

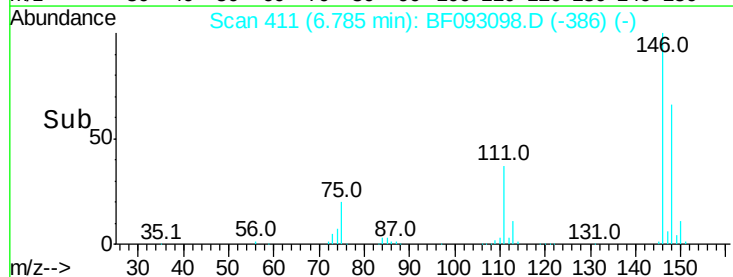
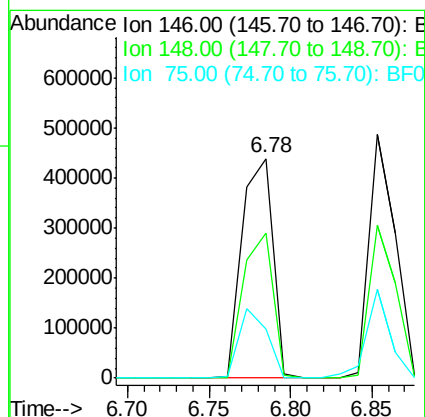
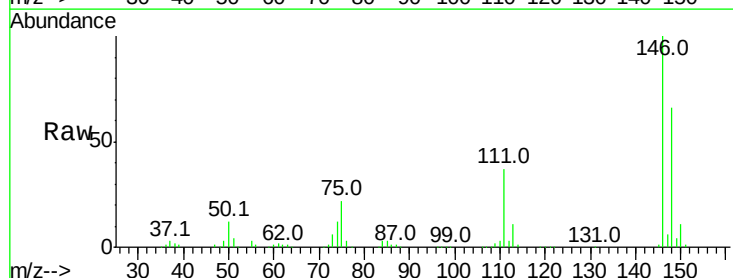
Manual Integrations
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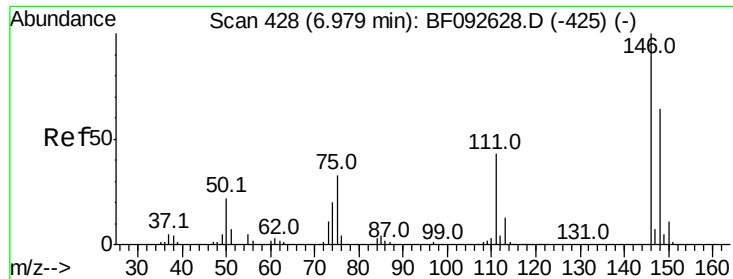
mohammad
2/24/2017 1:35:21 PM



#12
1,3-Dichlorobenzene
Concen: 40.43 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.4	80.0
75	22.1	18.5	27.7





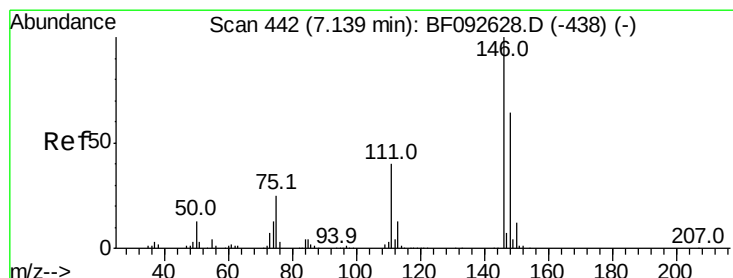
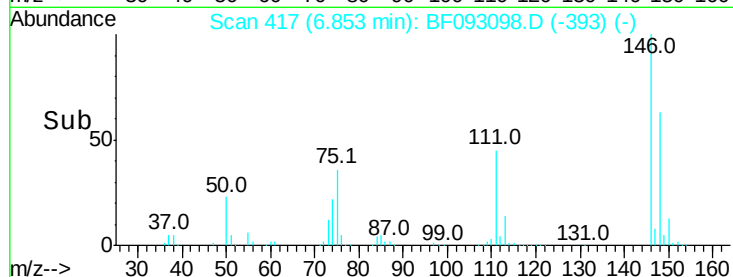
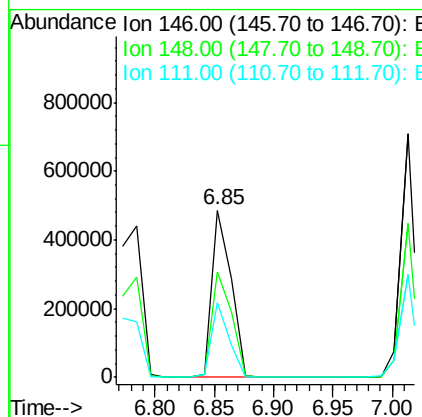
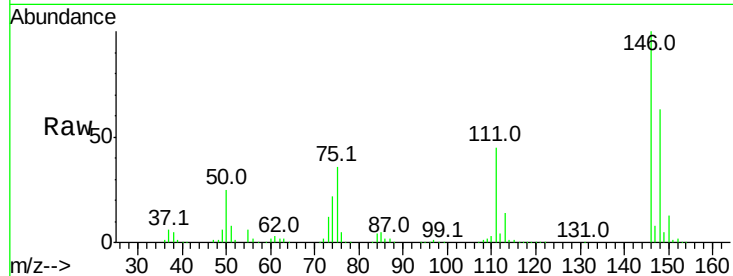
#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	44.6	36.2	54.4

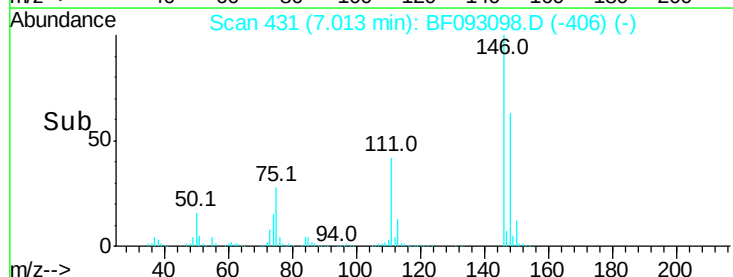
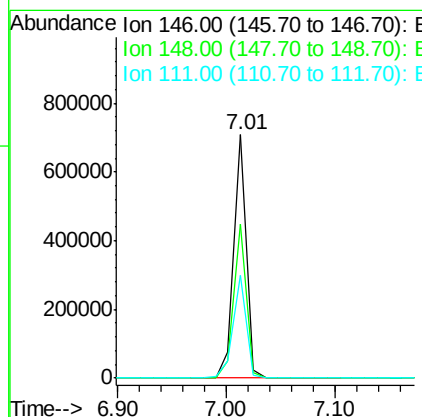
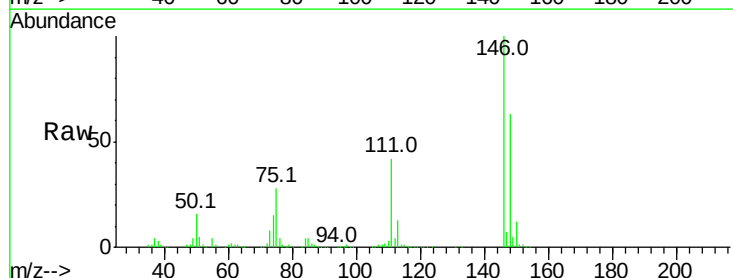
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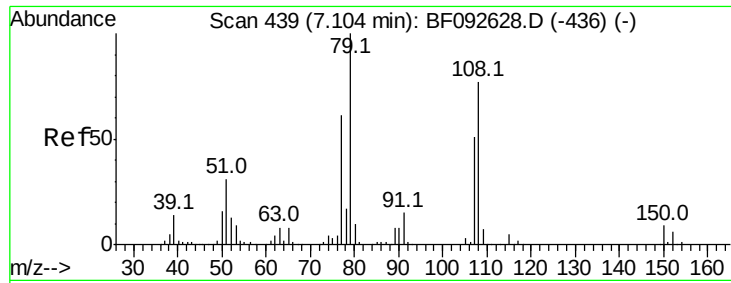
mohammad
 2/24/2017 1:35:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.66 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	42.0	36.2	54.2





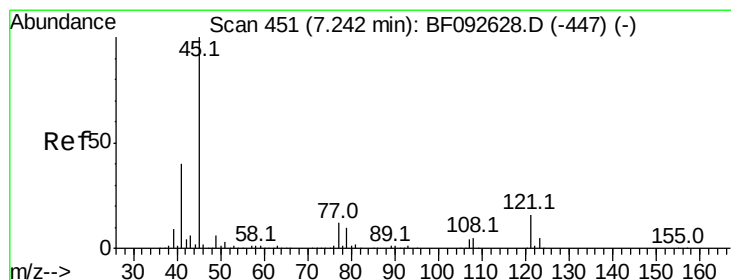
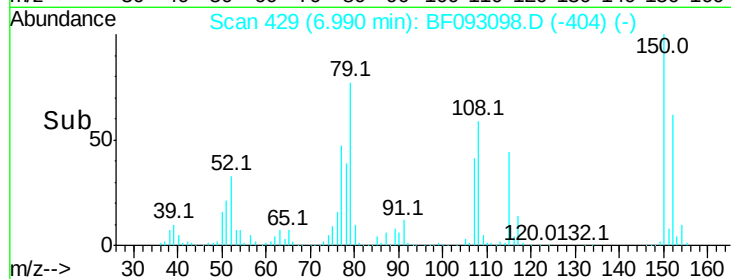
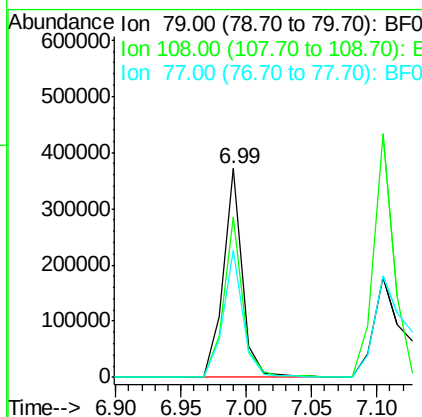
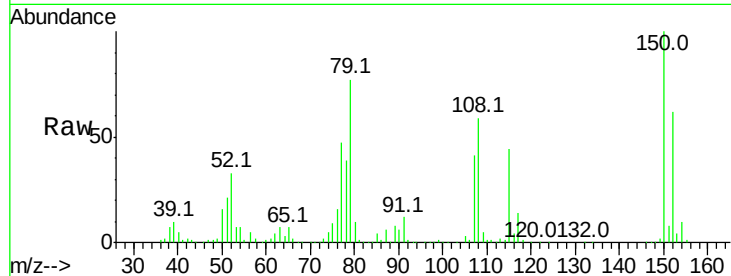
#15
Benzyl Alcohol
Concen: 36.57 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.1	61.4	92.0	
77	61.0	50.9	76.3	

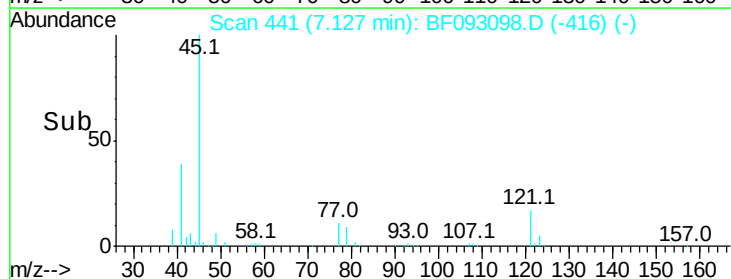
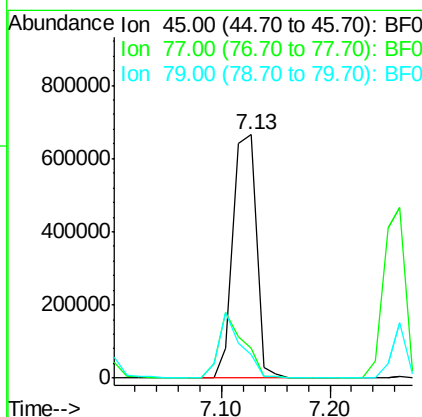
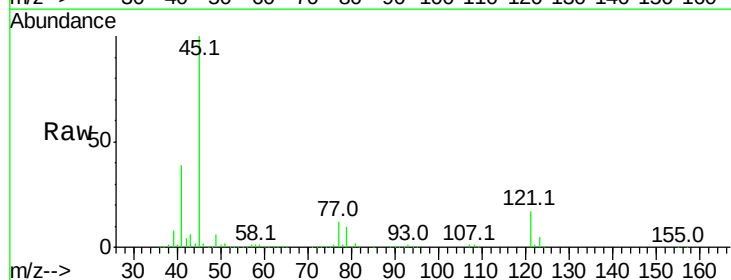
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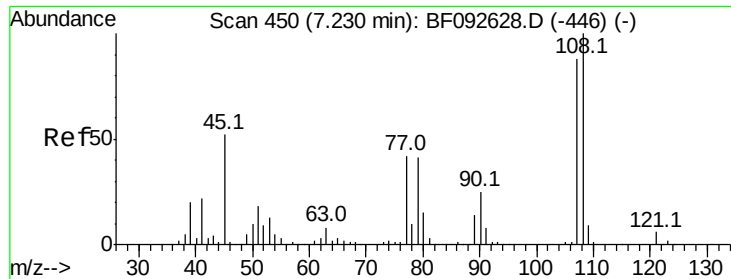
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.98 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.1	0.0	34.6	
79	9.6	0.0	31.2	





#17

2-Methylphenol

Concen: 40.41 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

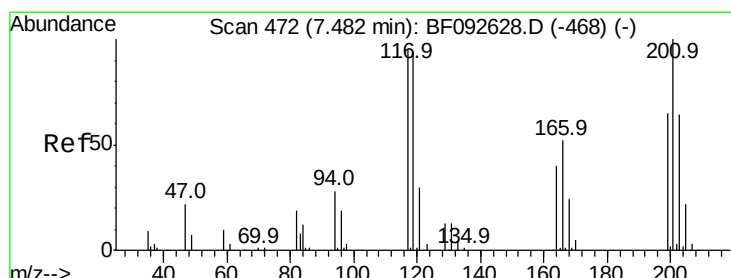
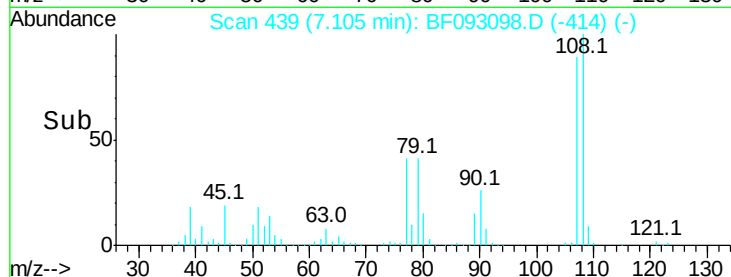
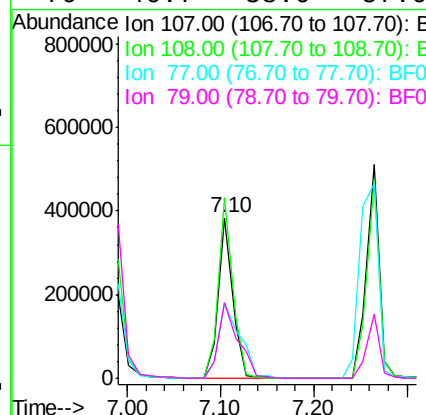
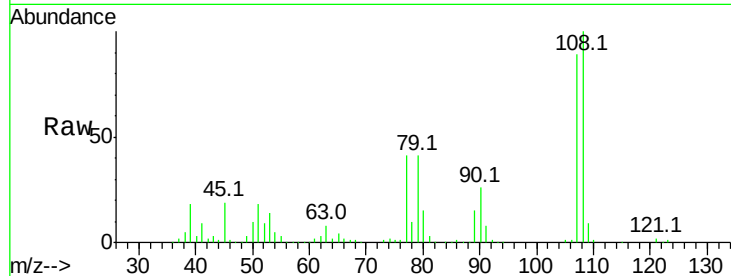
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	419341		
108	112.9	93.0	139.6	
77	46.8	39.8	59.8	
79	46.7	38.0	57.0	

Manual Integrations
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#18

Hexachloroethane

Concen: 39.51 ng

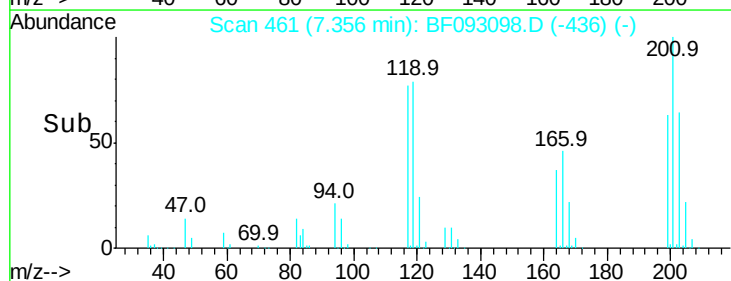
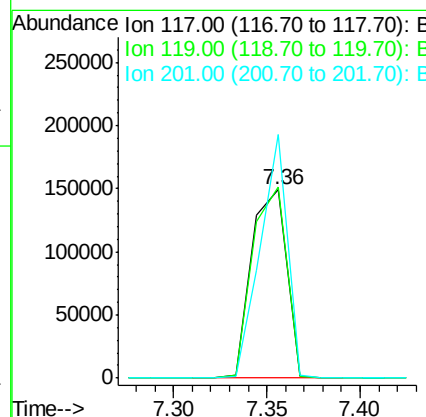
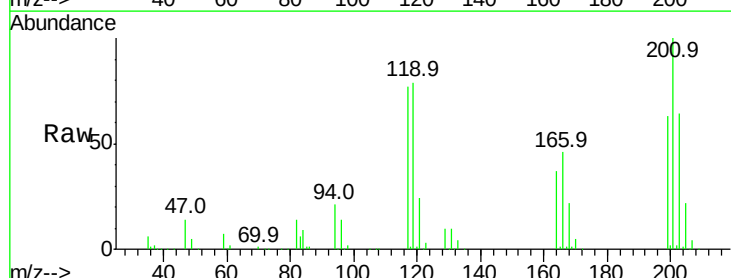
RT: 7.36 min Scan# 461

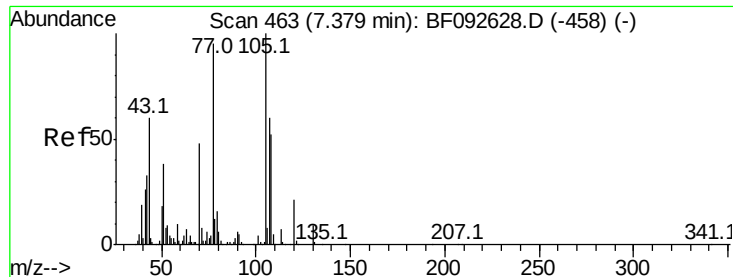
Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193417		
119	101.7	78.1	117.1	
201	129.3	78.6	117.8#	





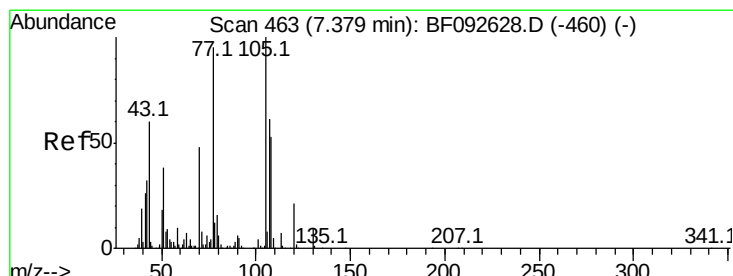
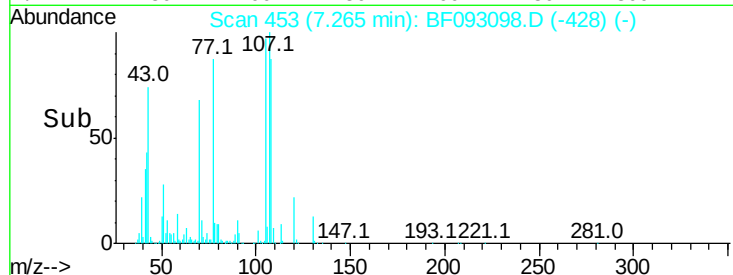
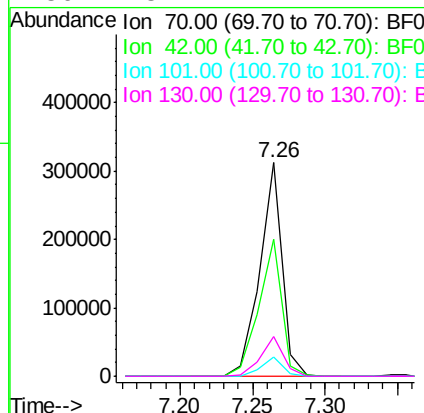
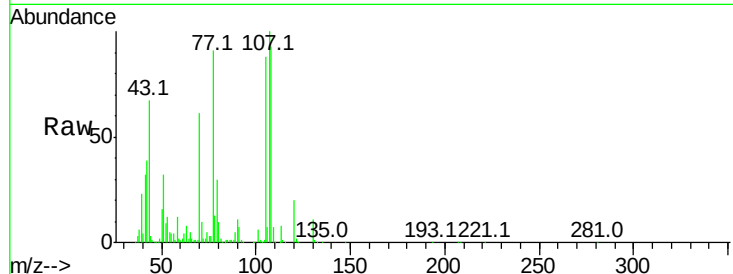
#19
n-Nitroso-di-n-propylamine
Concen: 37.06 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	332860
Ion Ratio	Lower	Upper	
70	100		
42	64.1	49.4	74.0
101	9.1	7.4	11.2
130	18.7	14.2	21.4

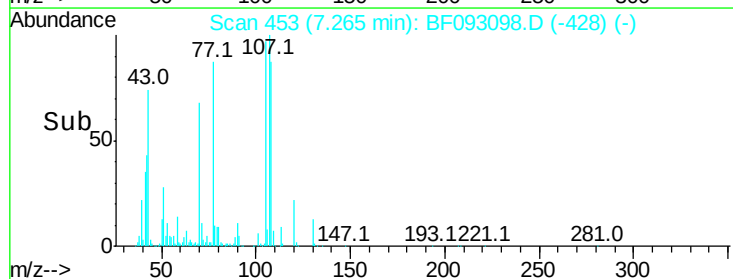
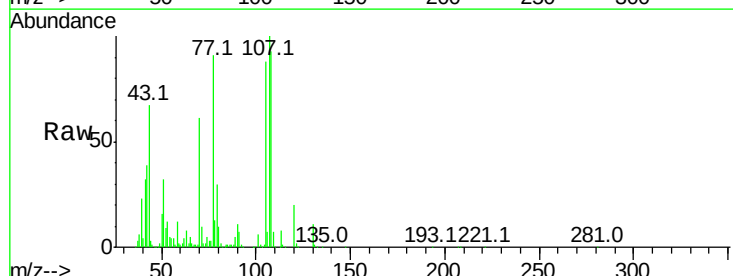
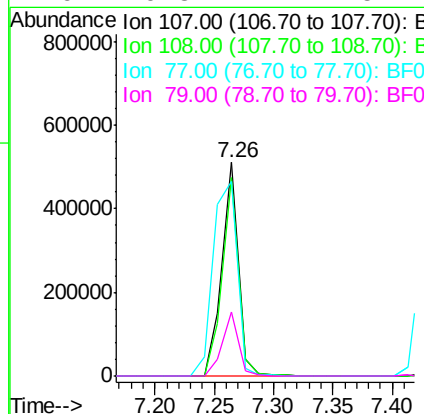
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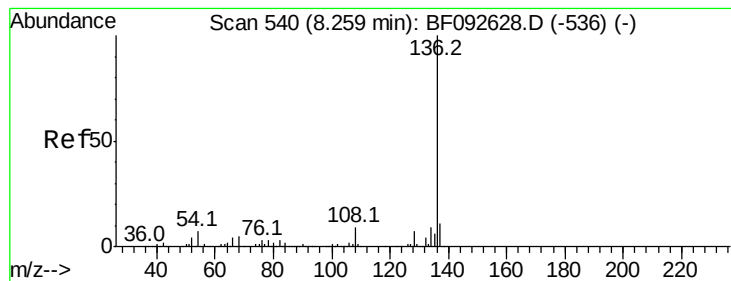
mohammad
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#20
3+4-Methylphenols
Concen: 39.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	107	Resp	494364
Ion Ratio	Lower	Upper	
107	100		
108	92.7	73.0	113.0
77	91.1	71.3	111.3
79	29.8	11.1	51.1





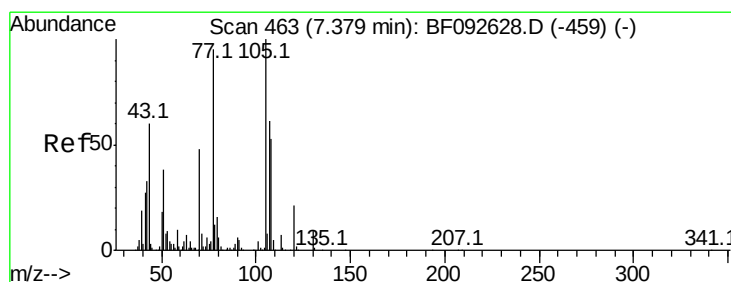
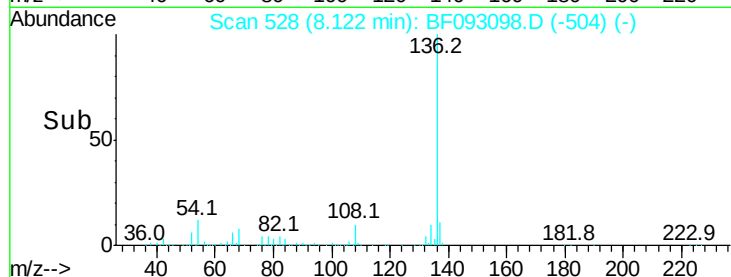
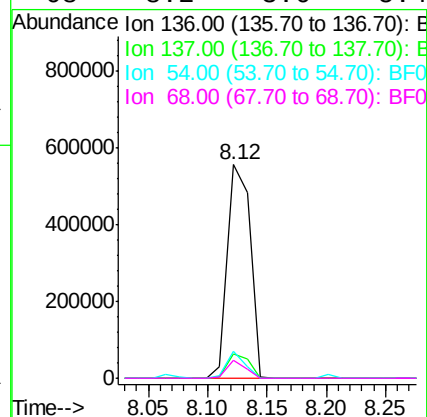
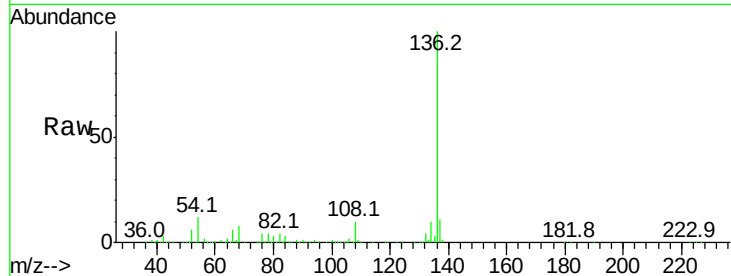
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.4	4.5	6.7#
68	8.2	3.6	5.4#

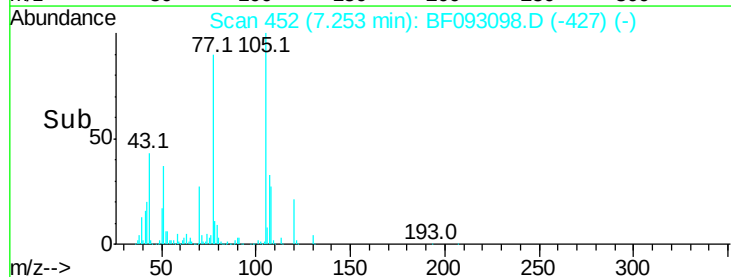
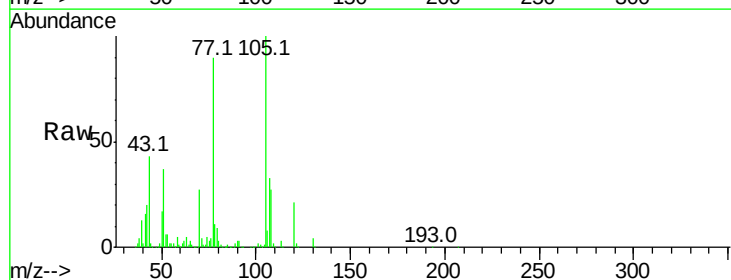
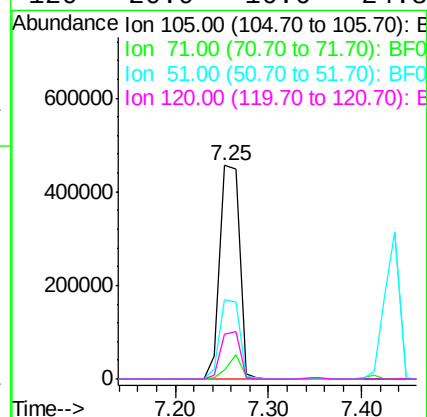
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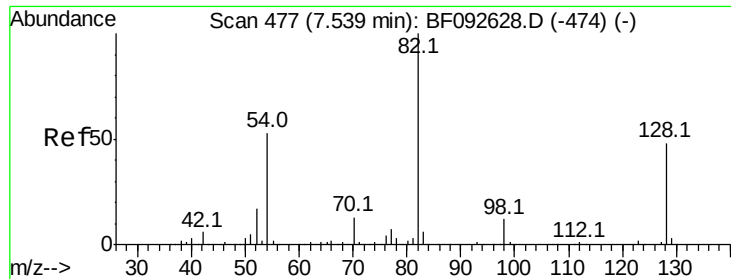
mohammad
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#22
Acetophenone
Concen: 39.47 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.4	3.2	4.8
51	37.4	26.2	39.4
120	20.9	16.6	24.8





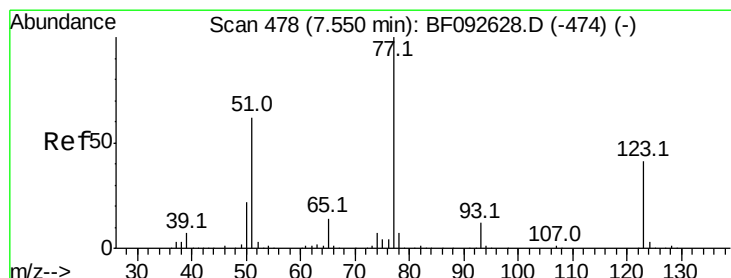
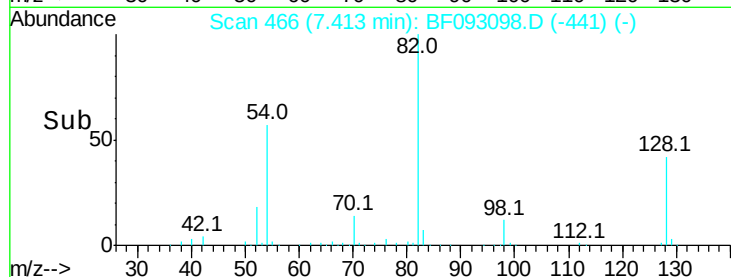
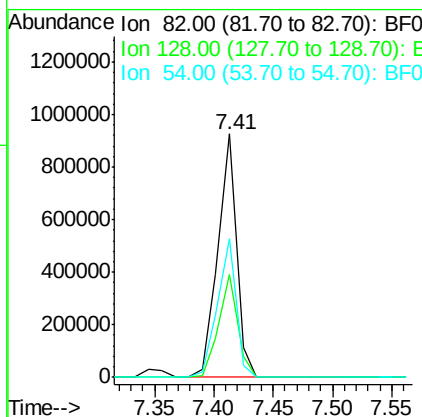
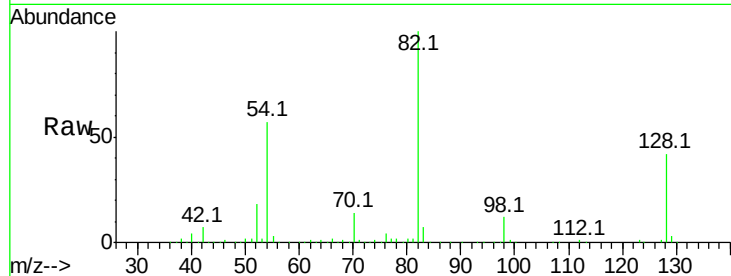
#23
 Nitrobenzene-d5
 Concen: 75.79 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.8	39.5	59.3

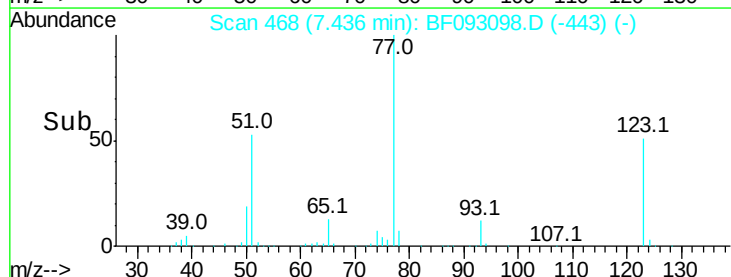
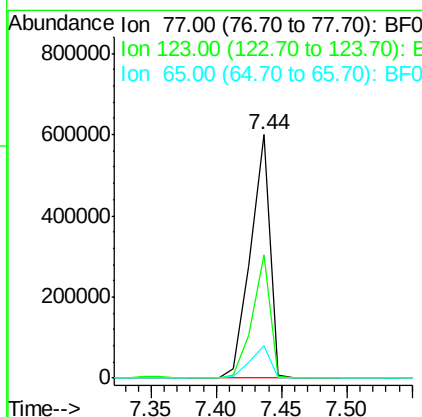
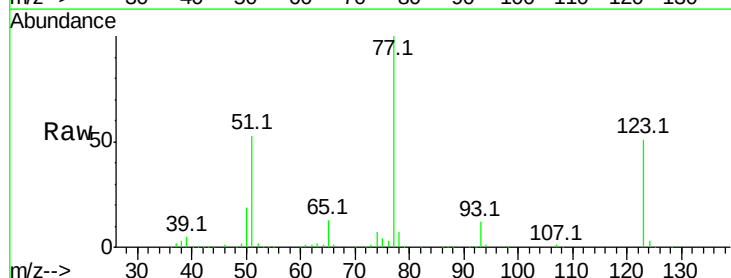
Manual Integrations
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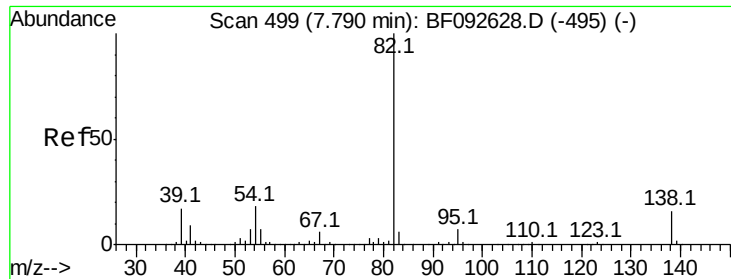
mohammad
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#24
 Nitrobenzene
 Concen: 45.64 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.4#
65	13.2	11.2	16.8





#25

Isophorone

Concen: 41.66 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1030706

Ion Ratio Lower Upper

82 100

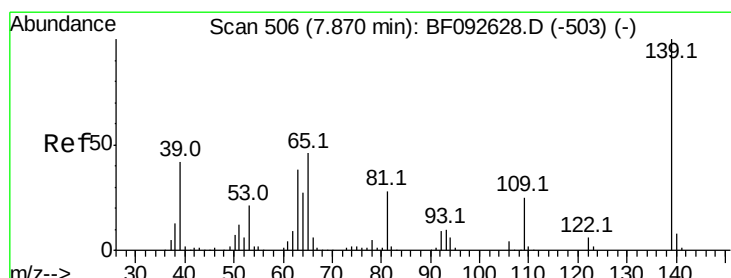
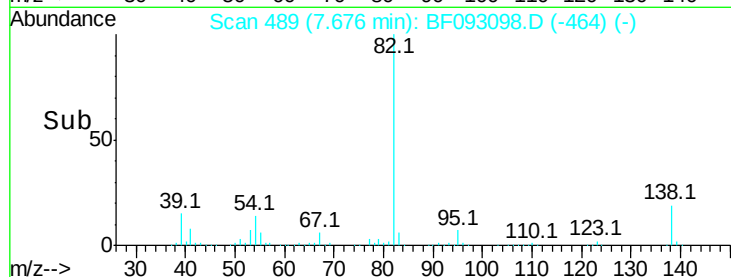
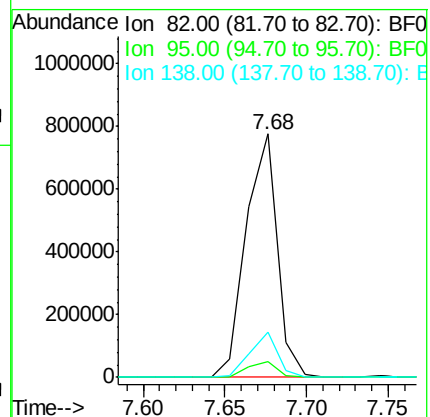
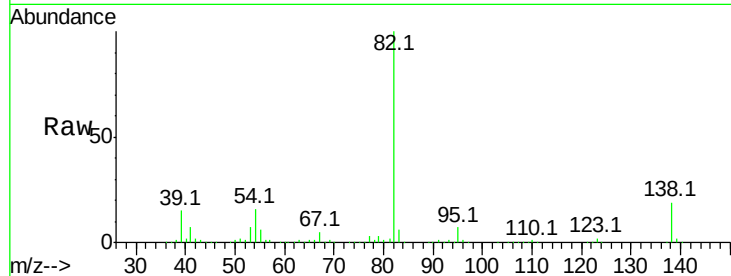
95 6.6 5.6 8.4

138 18.8 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.60 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

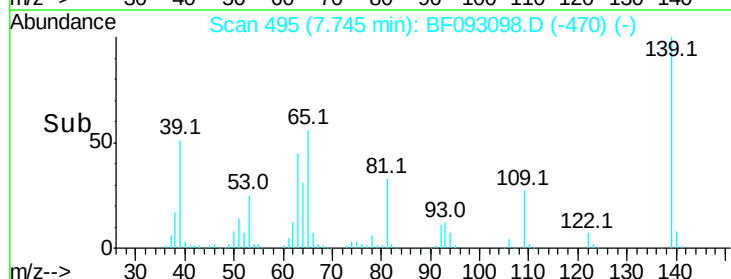
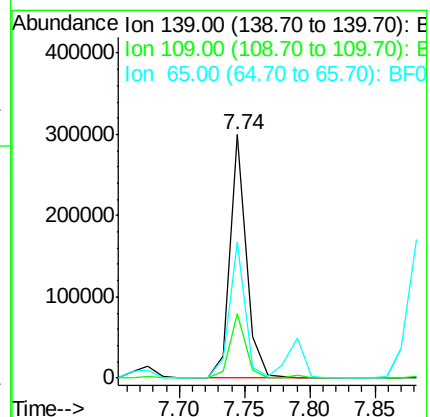
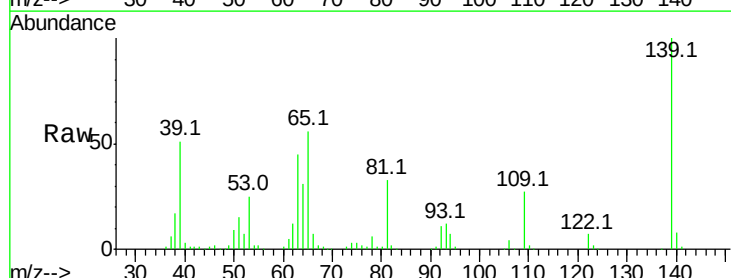
Tgt Ion: 139 Resp: 263115

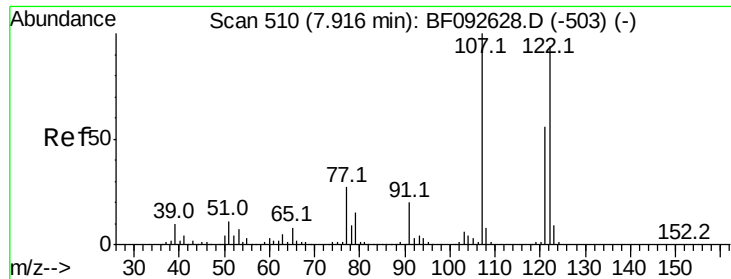
Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 56.1 42.7 64.1





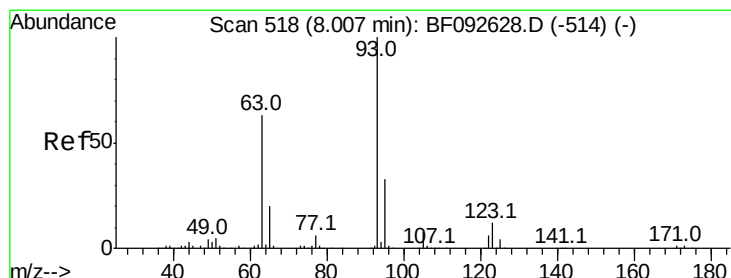
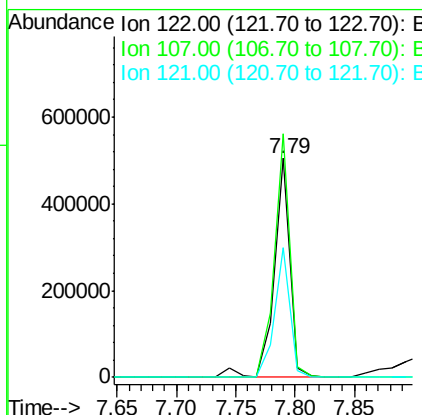
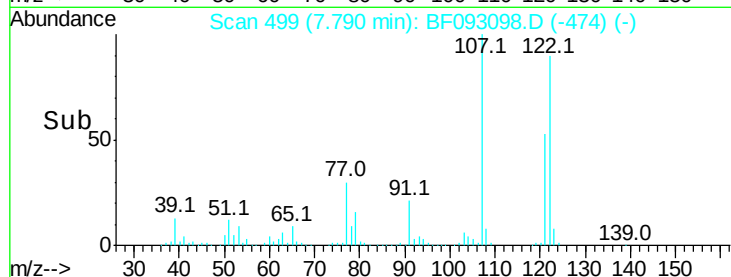
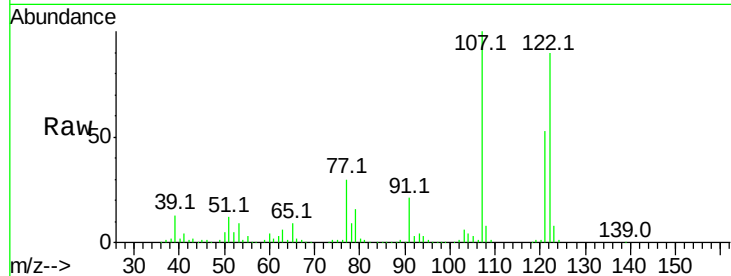
#27
2,4-Dimethylphenol
Concen: 41.28 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	469807		
107	111.3	94.1	141.1	
121	59.2	46.0	69.0	

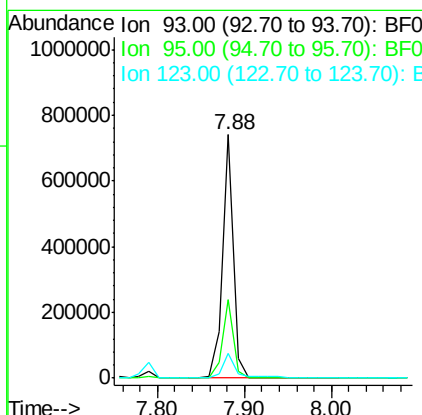
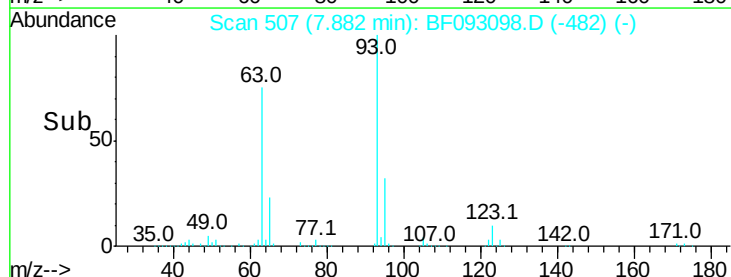
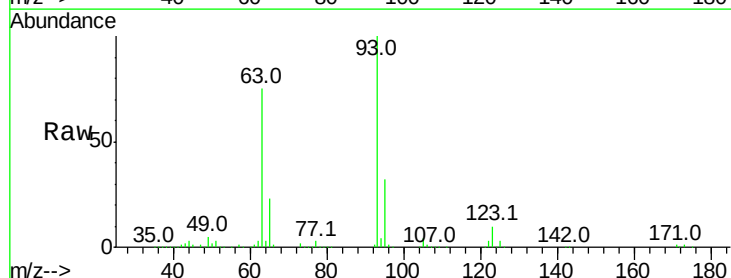
Manual Integrations
APPROVED

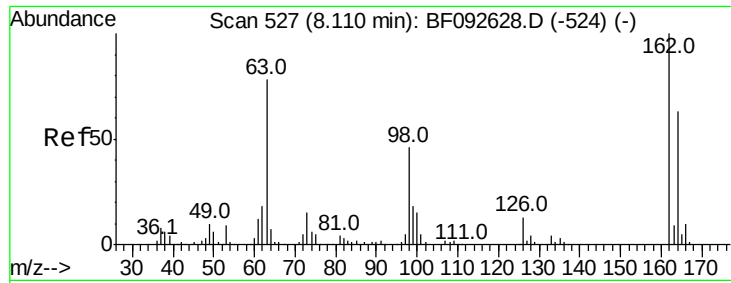
mohammad
2/24/2017 1:35:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.89 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	653629		
95	32.2	26.5	39.7	
123	10.1	8.6	13.0	





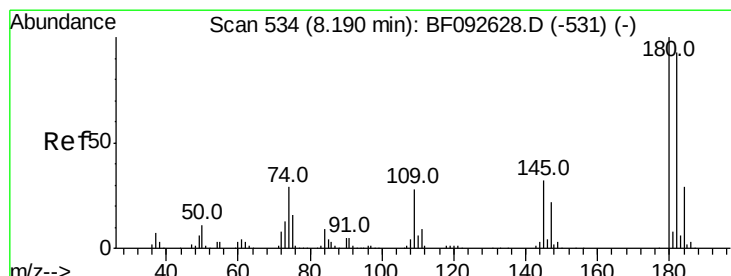
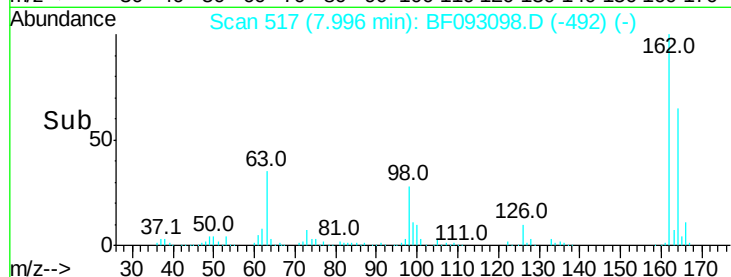
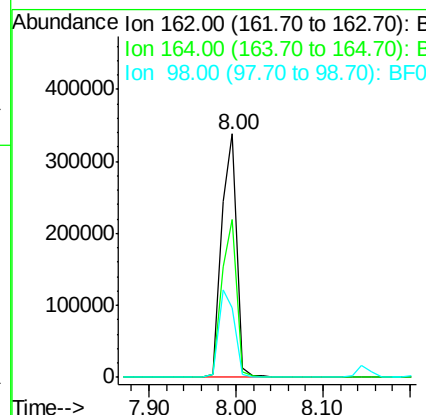
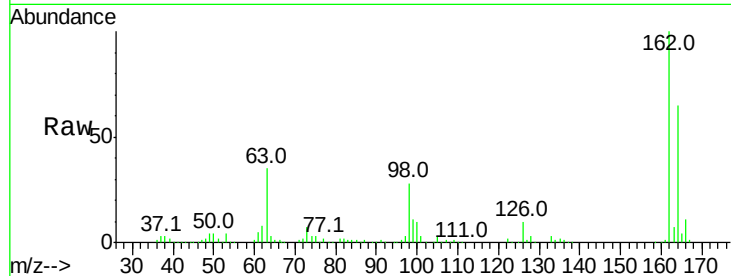
#29
2,4-Dichlorophenol
Concen: 39.44 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	418661		
164	64.6	46.8	86.8	
98	28.4	9.1	49.1	

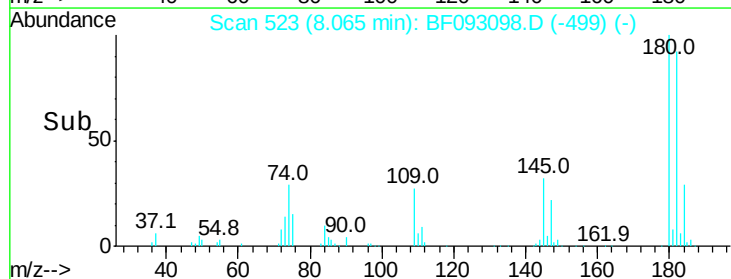
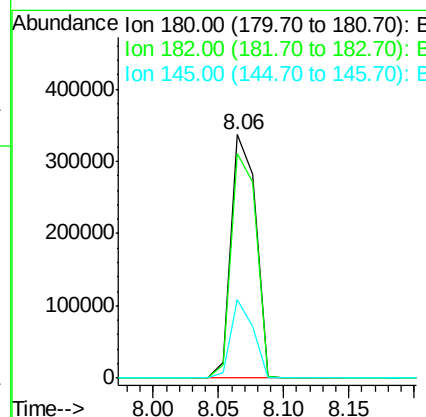
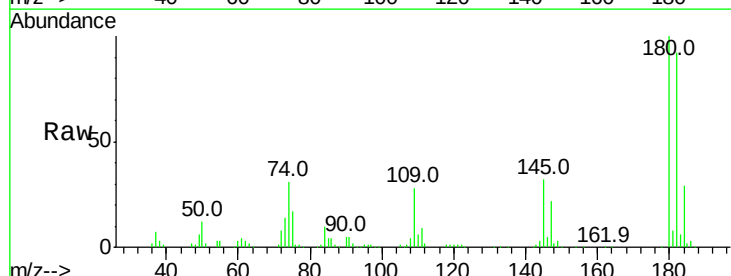
Manual Integrations
APPROVED

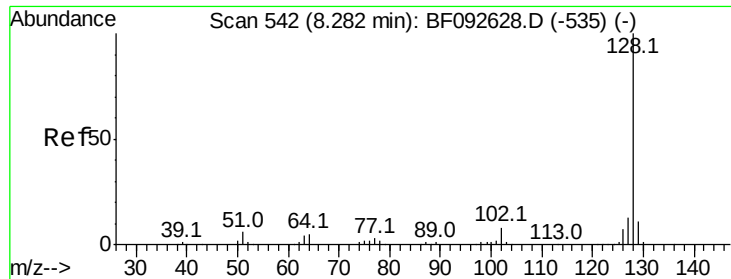
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.64 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	442001		
182	92.3	78.2	117.4	
145	32.1	21.6	32.4	





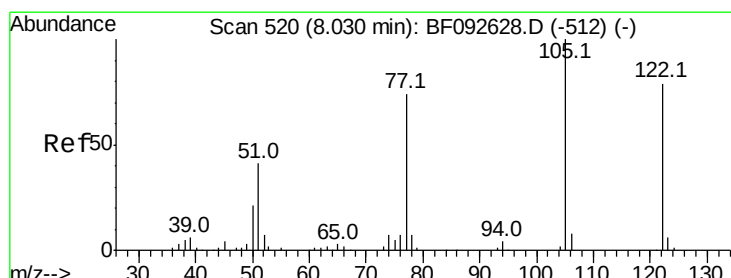
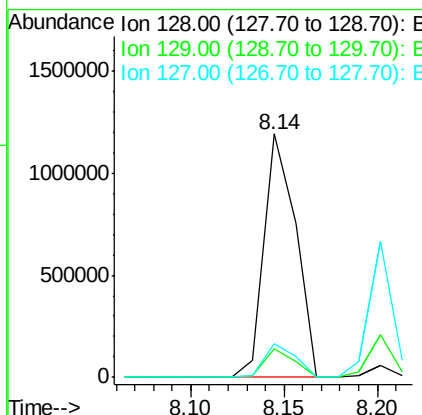
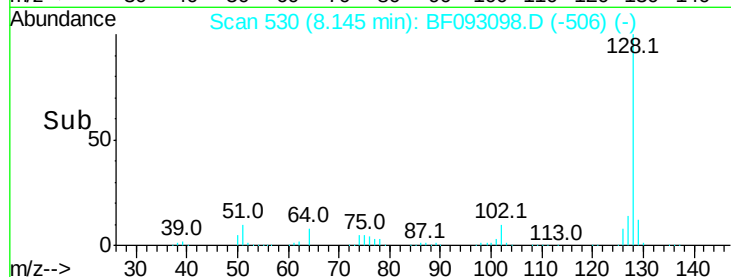
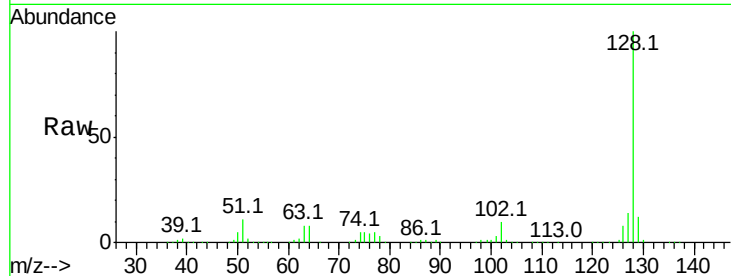
#31
Naphthalene
Concen: 37.31 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1398464
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.8 10.8 16.2

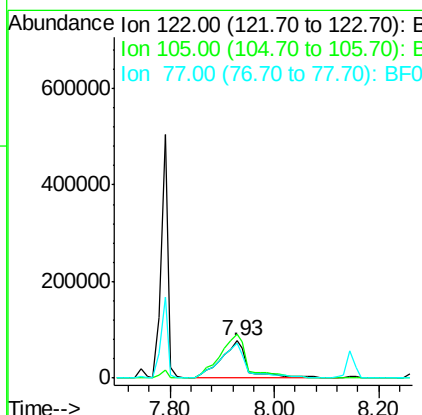
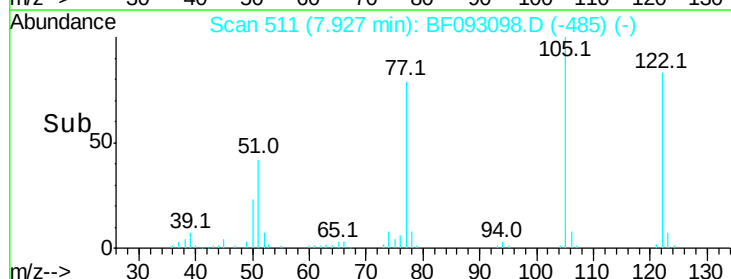
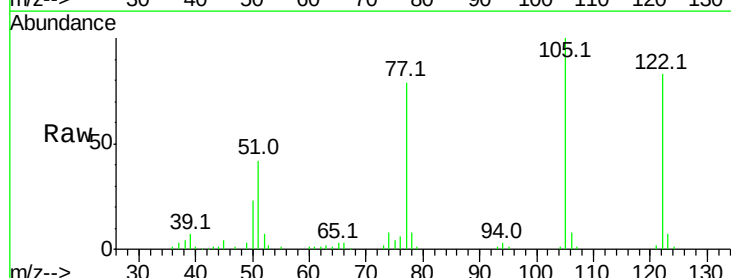
Manual Integrations
APPROVED

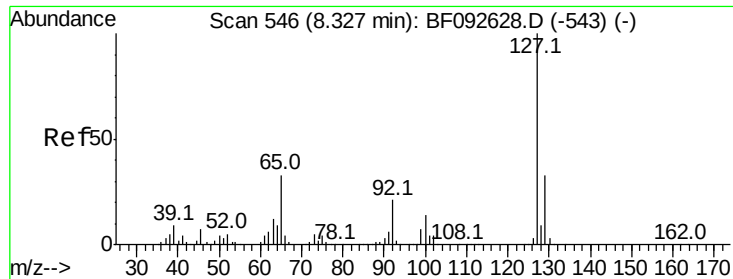
mohammad
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#32
Benzoic acid
Concen: 43.08 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:122 Resp: 272261
Ion Ratio Lower Upper
122 100
105 120.5 107.2 147.2
77 94.9 74.5 114.5





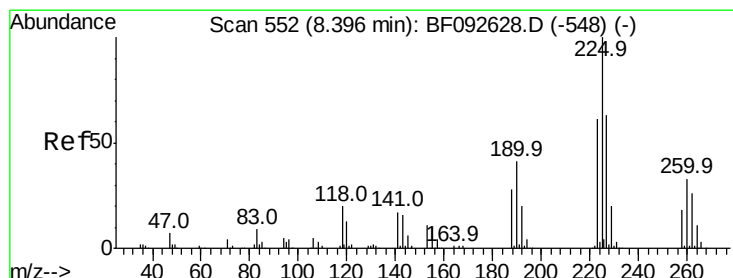
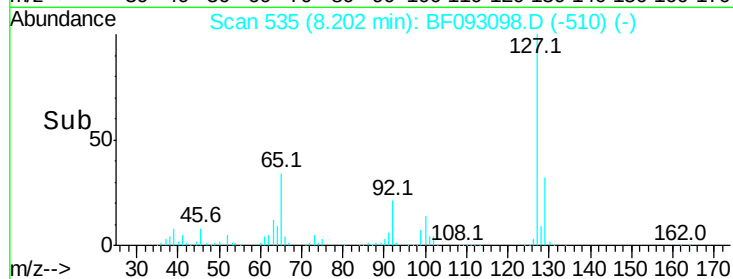
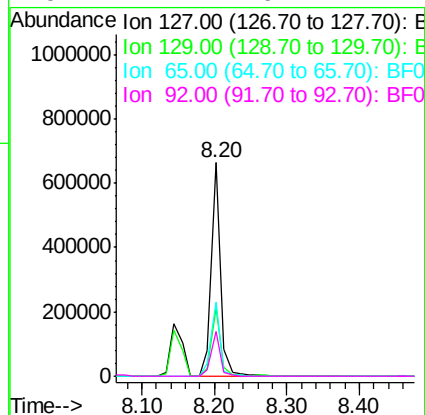
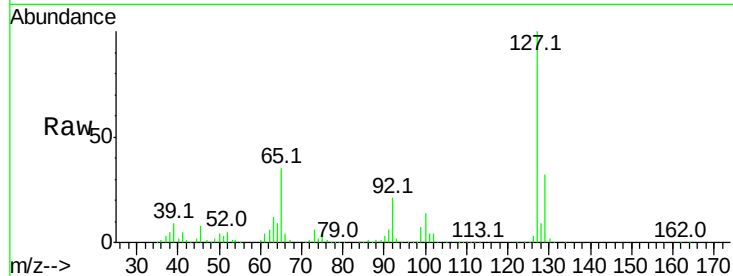
#33
4-Chloroaniline
Concen: 40.13 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.3	39.5		
65	34.7	25.8	38.8		
92	21.2	16.1	24.1		

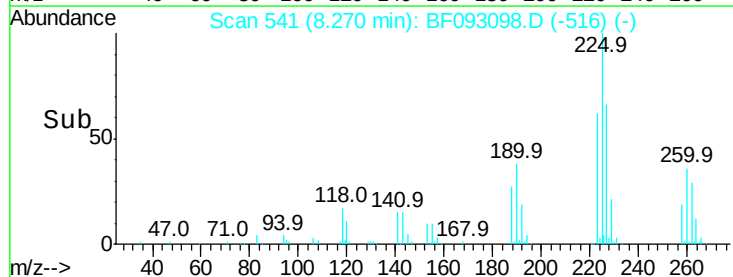
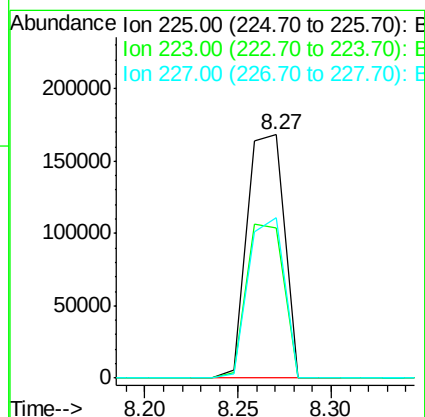
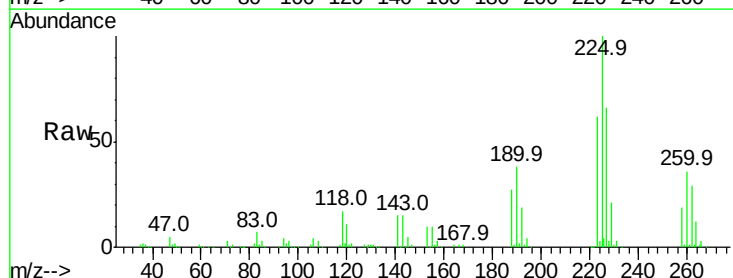
Manual Integrations
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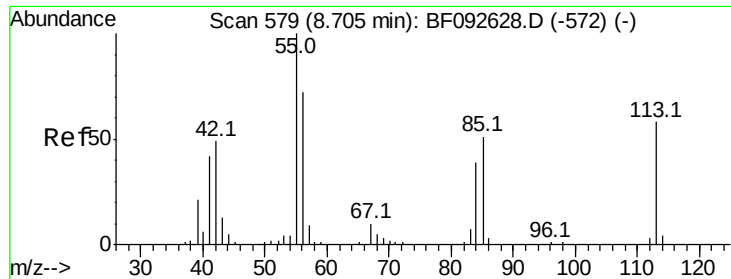
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#34
Hexachlorobutadiene
Concen: 36.84 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	51.0	76.6		
227	65.7	50.6	76.0		





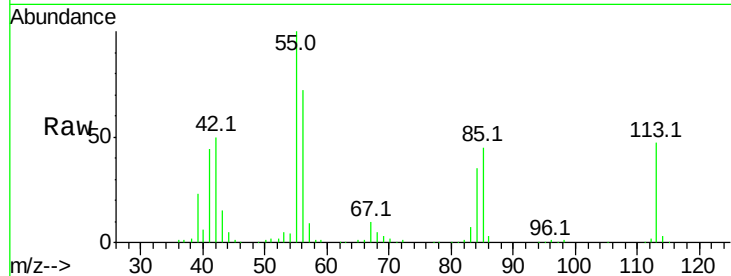
#35
 Caprolactam
 Concen: 42.68 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

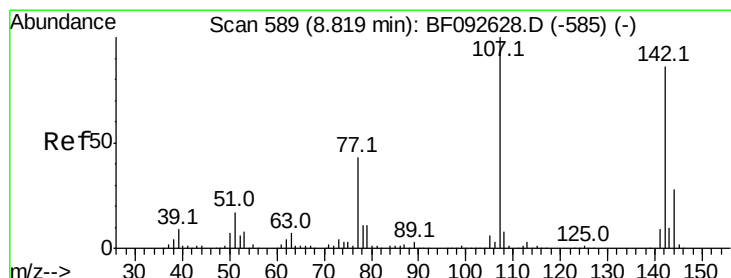
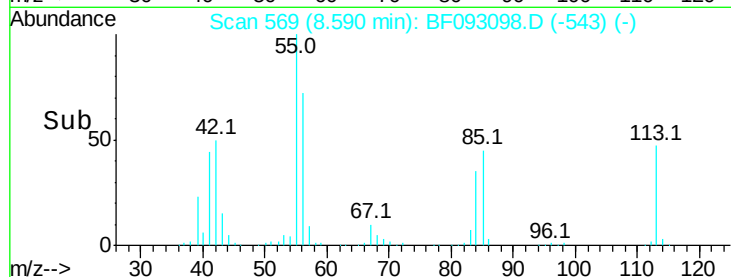
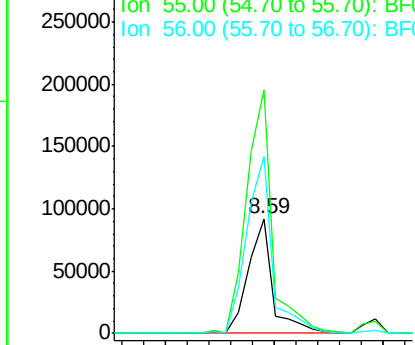
Tot Ion:113 Resp: 142493
 Ion Ratio Lower Upper
 113 100
 55 212.6 119.2 159.2#
 56 154.1 83.8 123.8#

Manual Integrations
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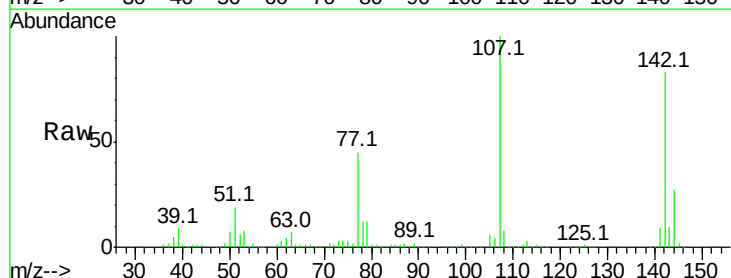


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

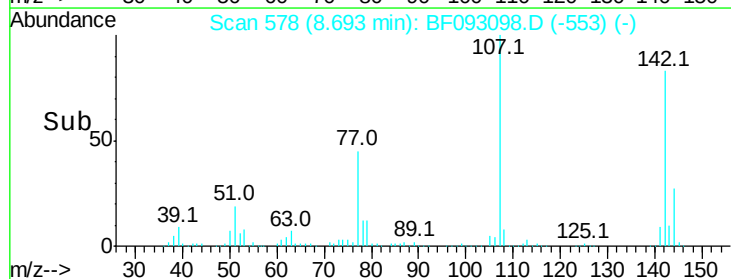
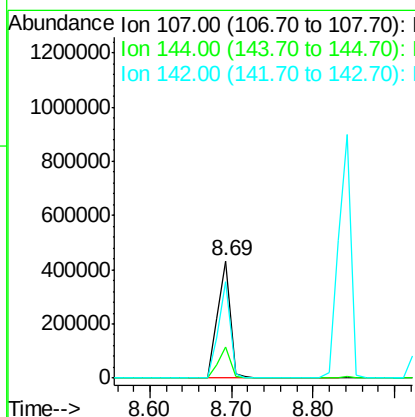


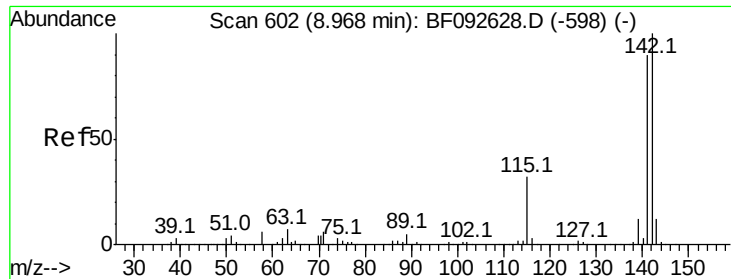
#36
 4-Chloro-3-methylphenol
 Concen: 42.11 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:107 Resp: 466038
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.3 28.9
 142 82.7 59.0 88.6



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





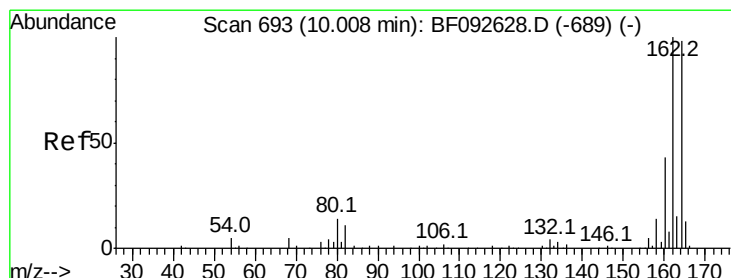
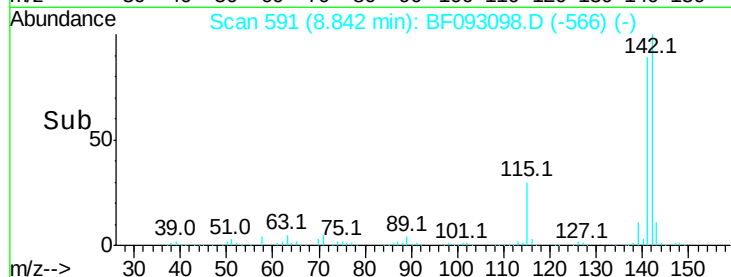
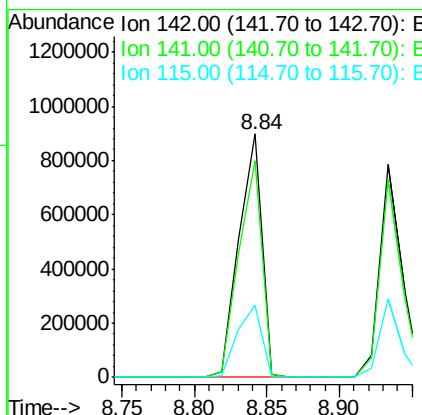
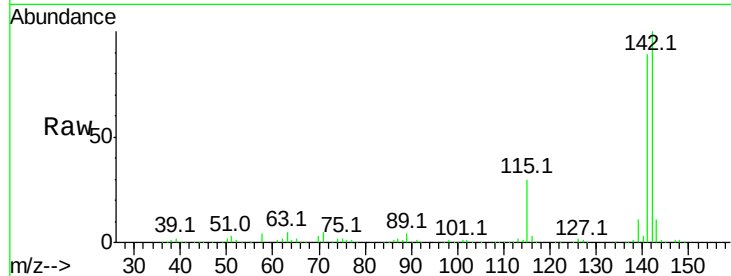
#37
 2-Methylnaphthalene
 Concen: 41.08 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	29.8	28.3	42.5

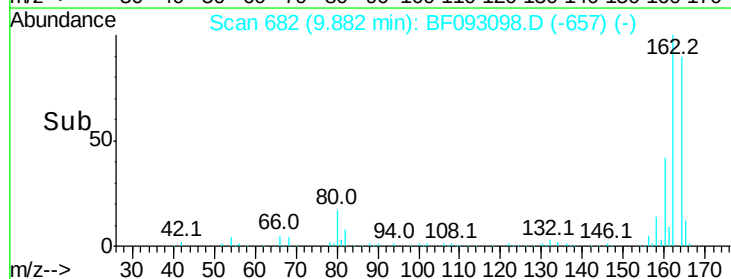
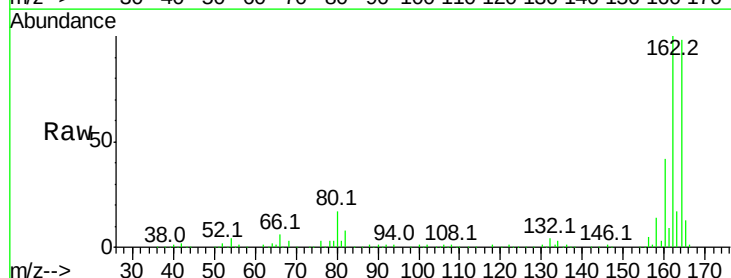
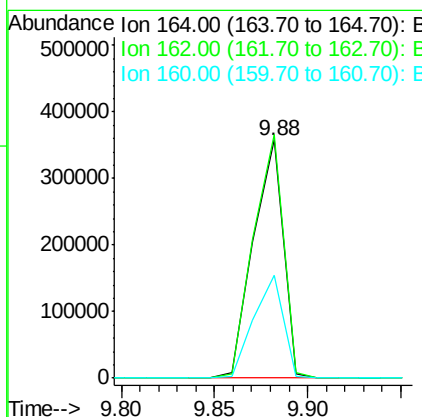
Manual Integrations
 APPROVED

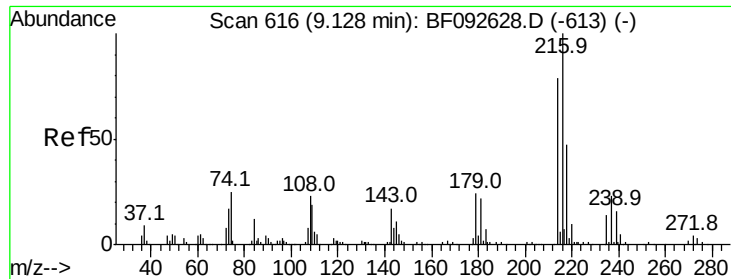
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.60 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

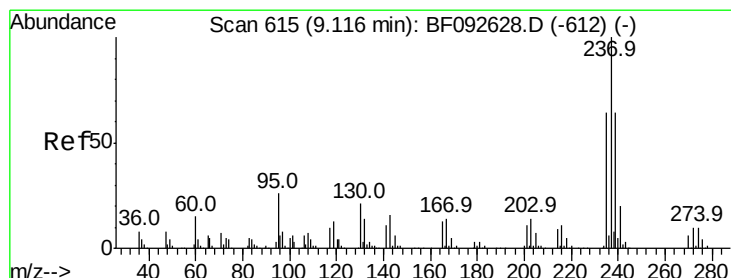
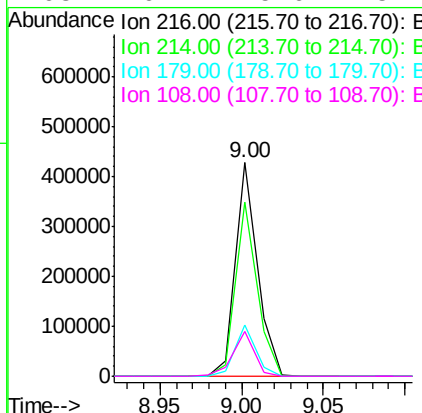
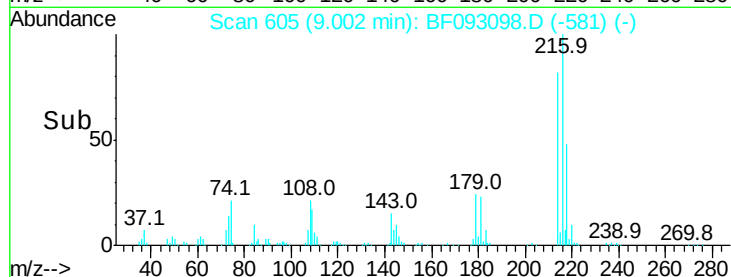
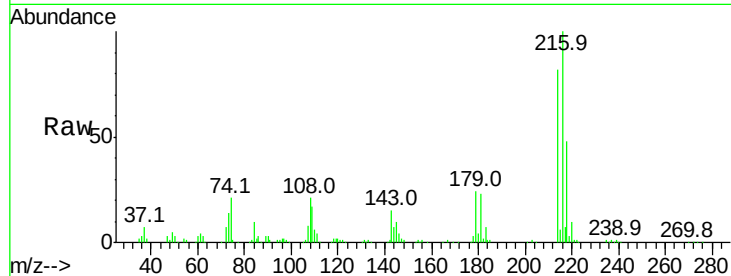
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	394857
Ion Ratio		Lower	Upper
216	100		
214	80.6	63.4	95.0
179	22.4	17.4	26.2
108	20.2	15.6	23.4

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 36.42 ng

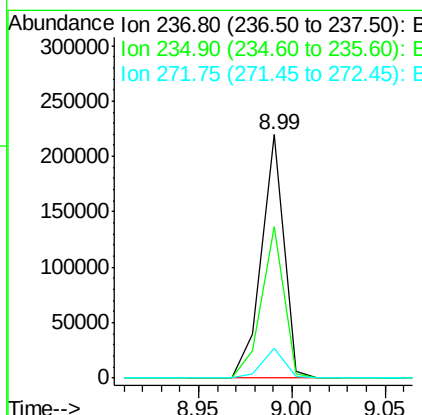
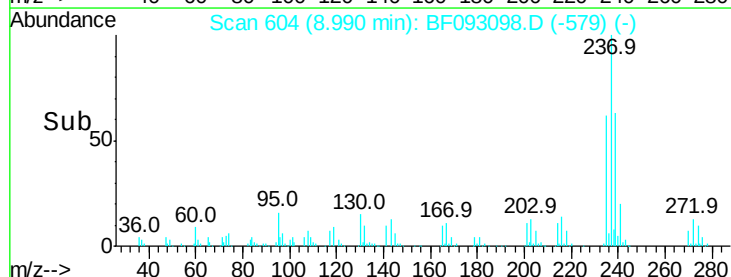
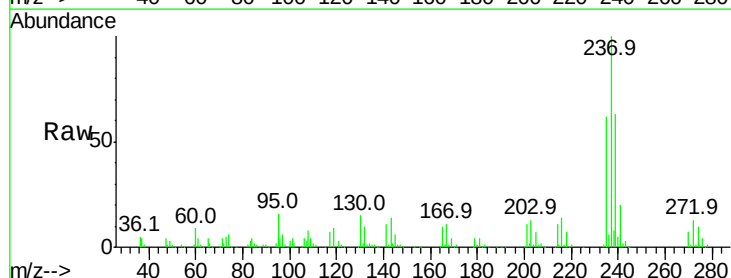
RT: 8.99 min Scan# 604

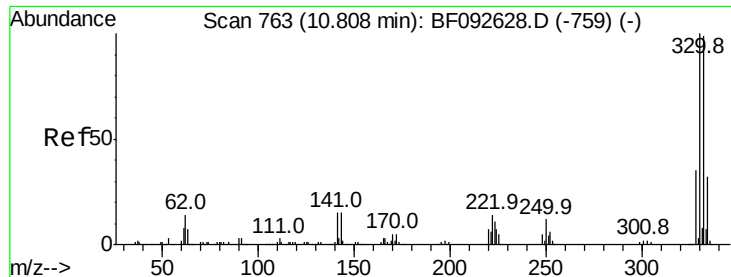
Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:	237	Resp:	182257
Ion Ratio		Lower	Upper
237	100		
235	62.2	41.2	81.2
272	12.5	0.0	35.4





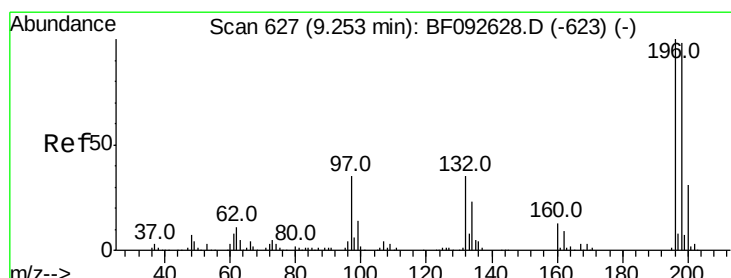
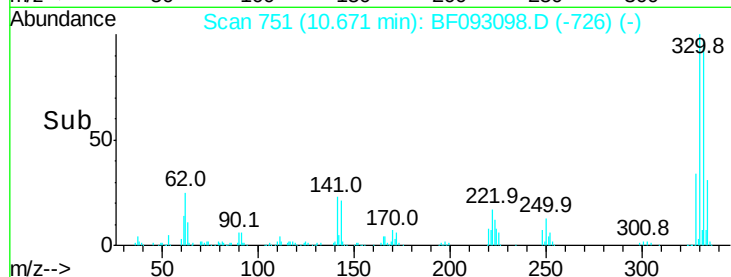
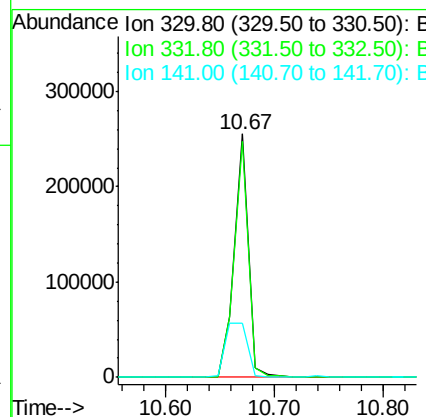
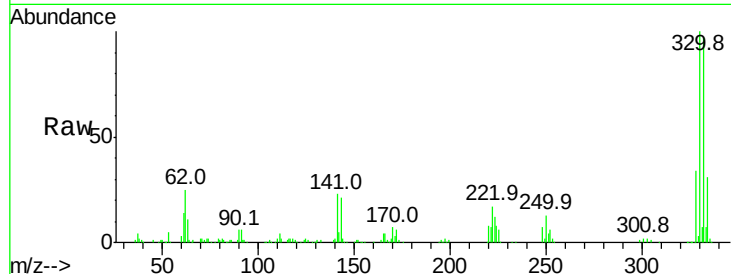
#41
 2,4,6-Tribromophenol
 Concen: 80.84 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231015		
332	97.5	77.4	116.2	
141	35.8	34.1	51.1	

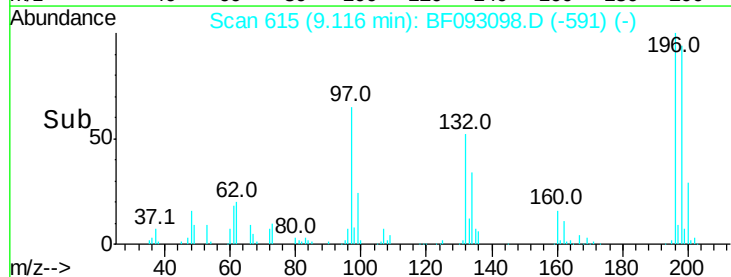
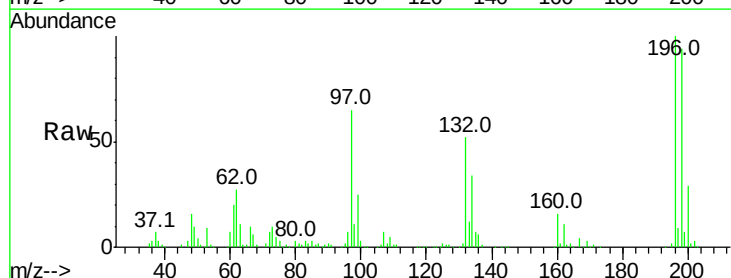
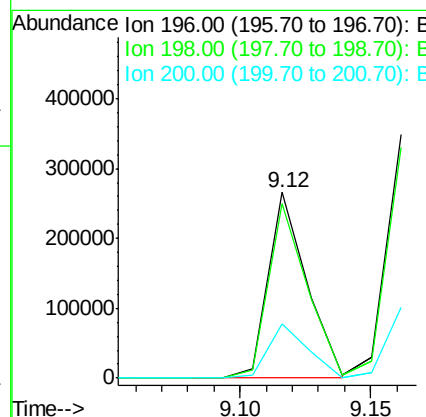
Manual Integrations
 APPROVED

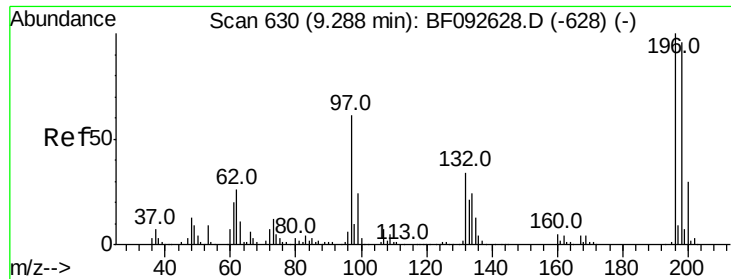
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 37.55 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273671		
198	93.6	82.1	123.1	
200	29.5	27.0	40.4	





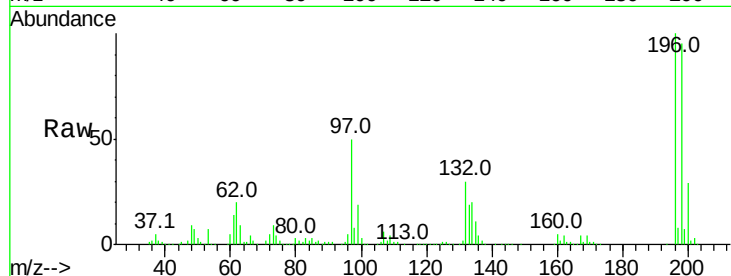
#43
 2,4,5-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

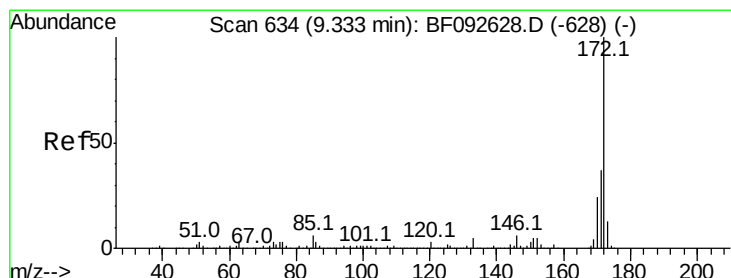
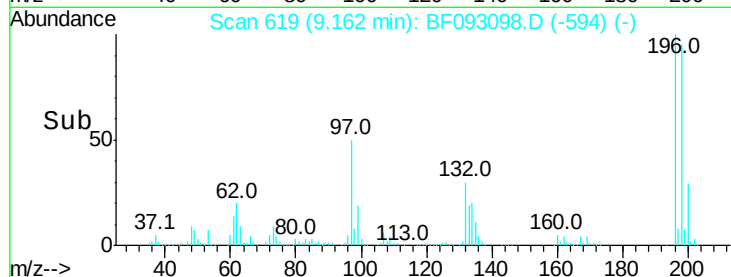
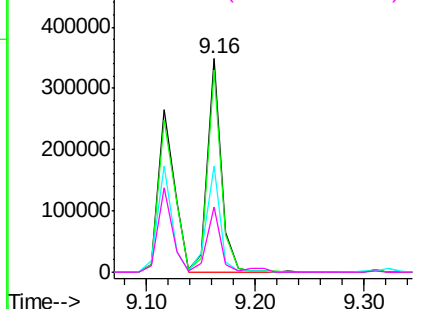
Tot Ion	Ratio	Resp	Lower	Upper
196	100	310263		
198	94.6	79.4	119.2	
97	49.7	51.5	77.3	
132	30.3	27.4	41.2	

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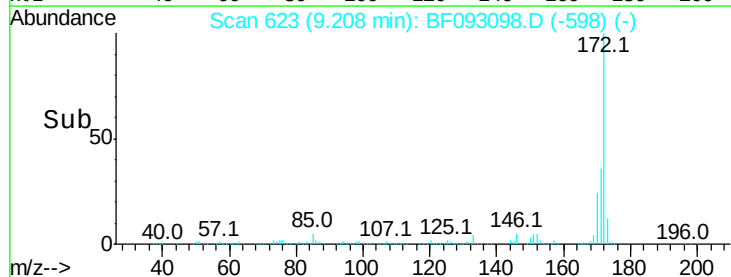
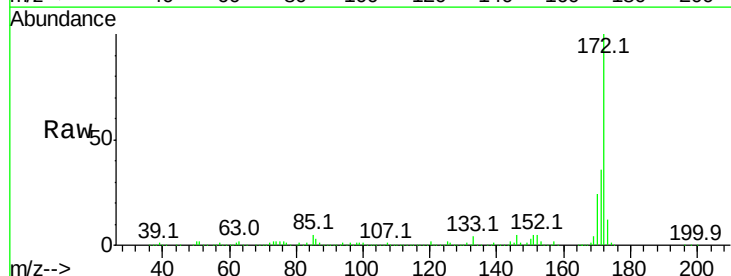
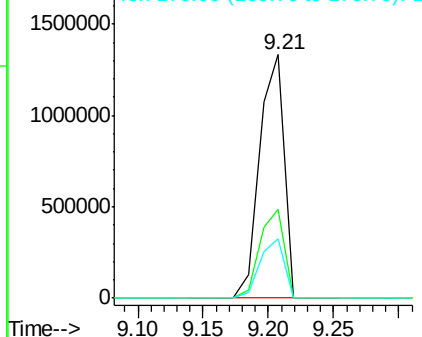
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

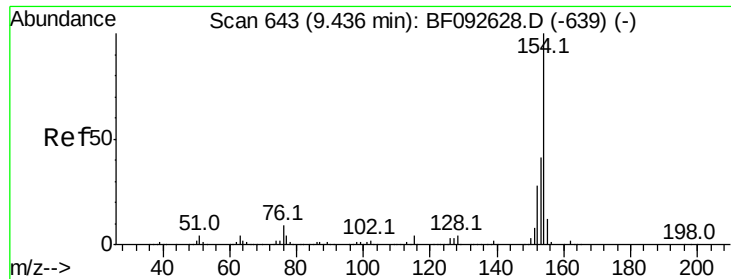


#44
 2-Fluorobiphenyl
 Concen: 80.04 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1745658		
171	36.3	29.4	44.0	
170	24.4	20.2	30.4	

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





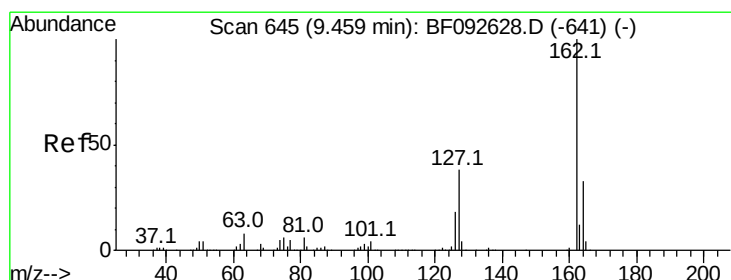
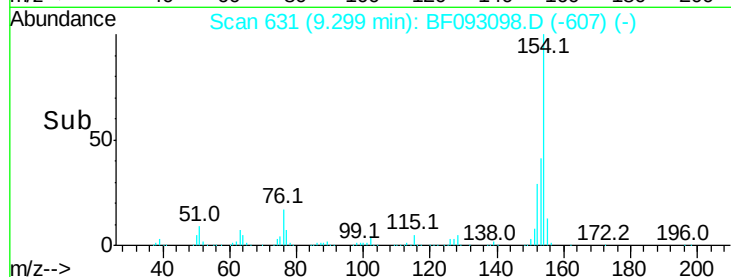
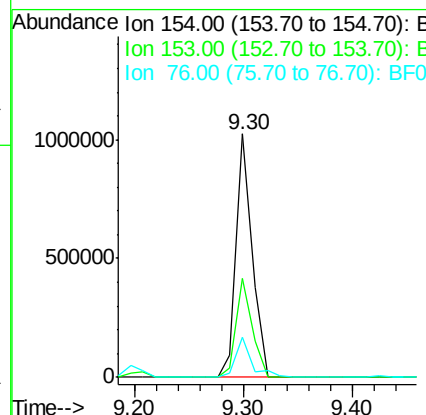
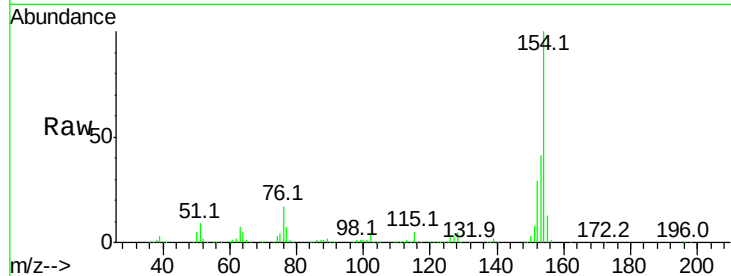
#45
1,1'-Biphenyl
Concen: 36.03 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:154 Resp: 1030749
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 16.5 0.0 30.5

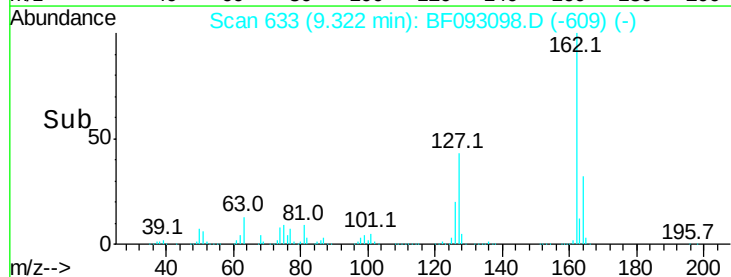
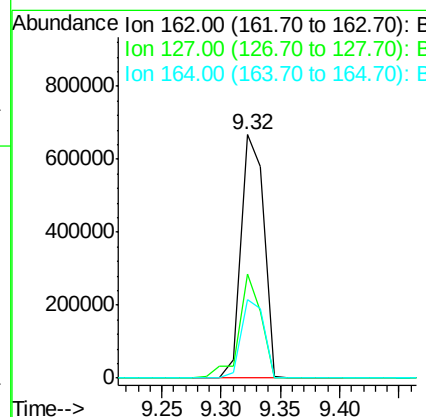
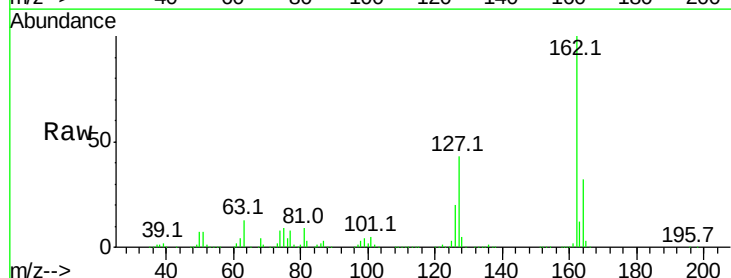
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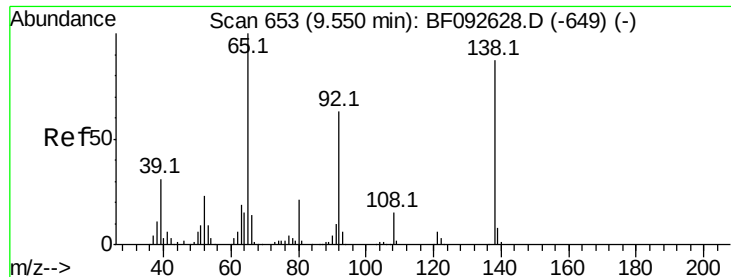
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#46
2-Chloronaphthalene
Concen: 39.97 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:162 Resp: 894624
Ion Ratio Lower Upper
162 100
127 42.7 30.7 46.1
164 32.2 27.6 41.4





#47

2-Nitroaniline

Concen: 36.22 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

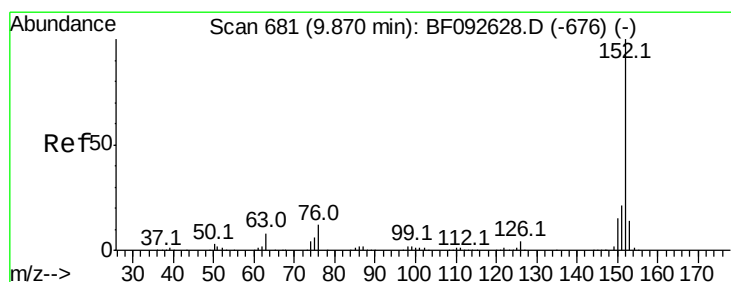
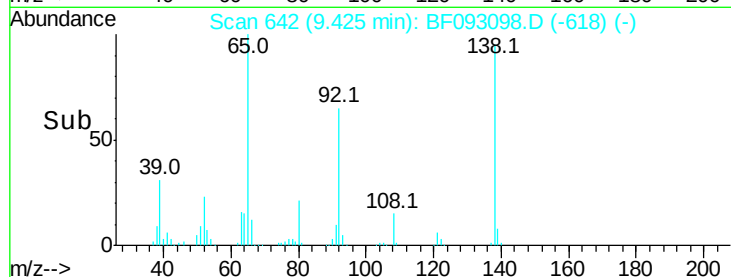
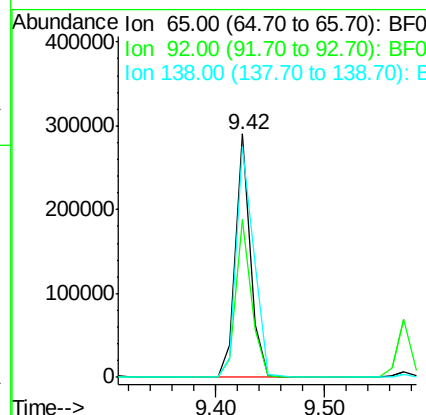
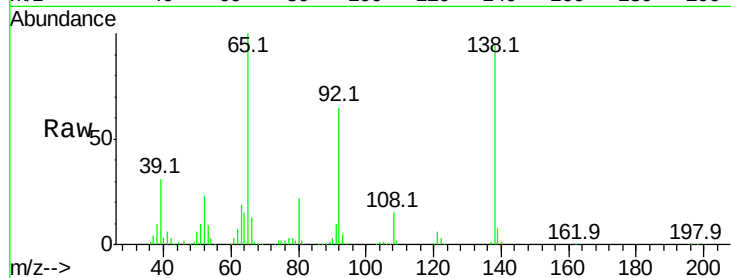
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	53.9	80.9
138	94.6	76.8	115.2

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#48

Acenaphthylene

Concen: 38.99 ng

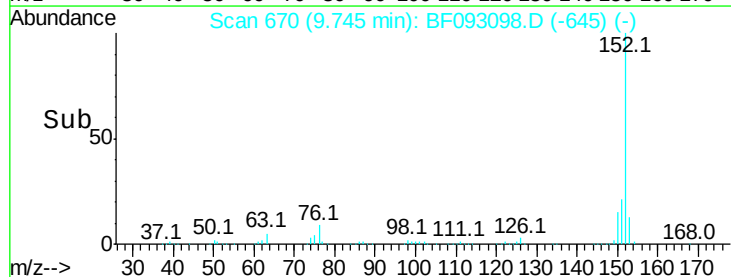
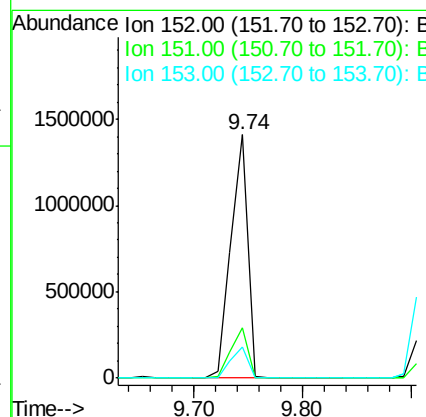
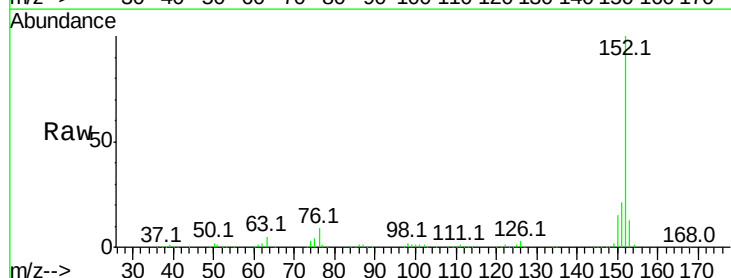
RT: 9.74 min Scan# 670

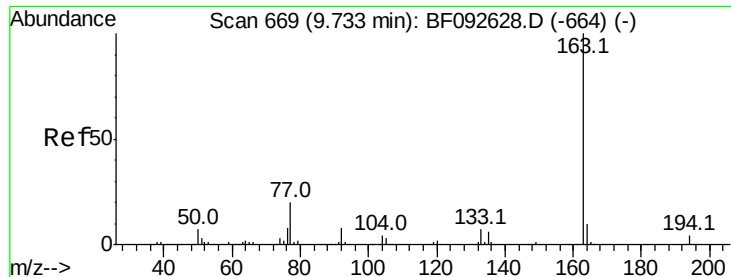
Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	12.9	11.4	17.2





#49

Dimethylphthalate

Concen: 37.11 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

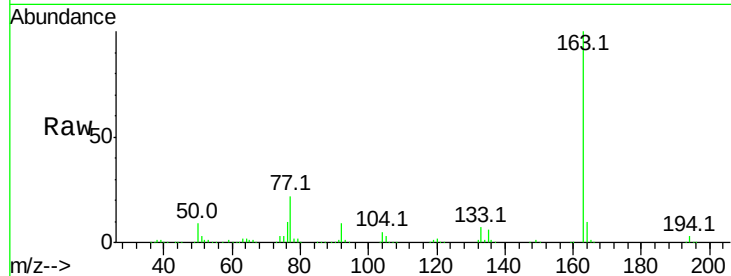
ClientSampleId :

SSTDCCC040

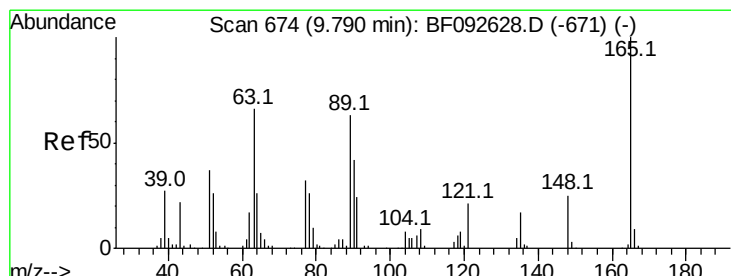
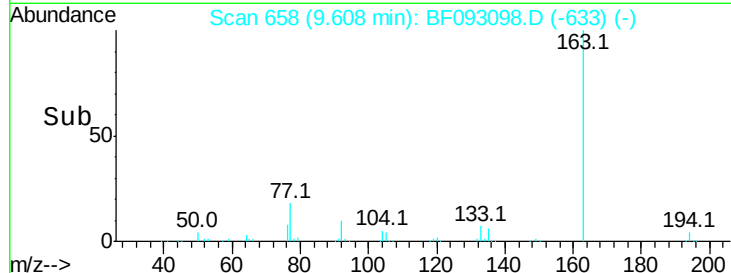
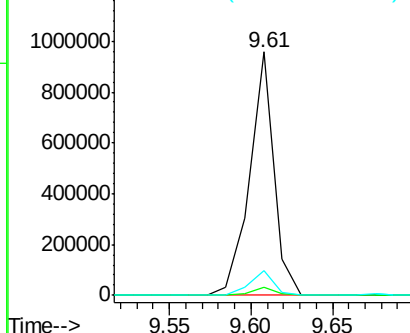
Tot Ion:	163	Resp:	987712
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	10.4	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.49 ng

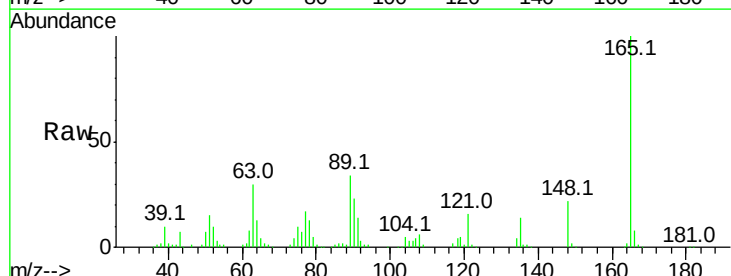
RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

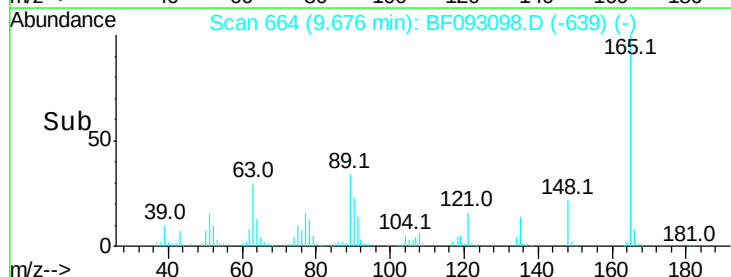
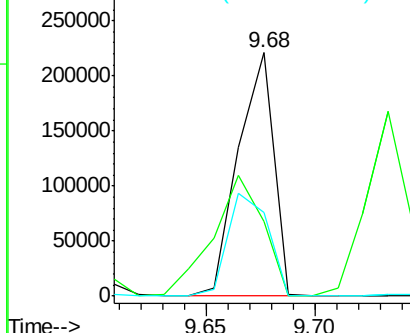
Lab File: BF093098.D

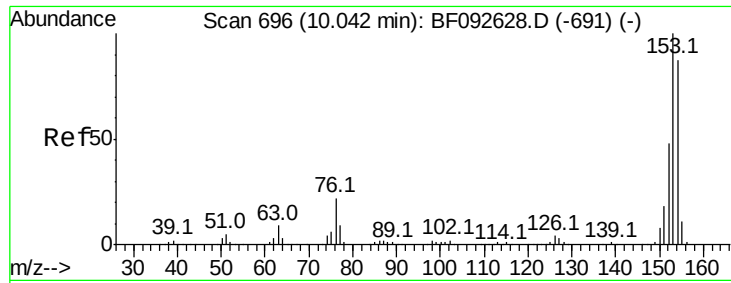
Acq: 23 Feb 2017 9:43

Tgt Ion:	165	Resp:	249961
Ion Ratio	Lower	Upper	
165	100		
63	30.5	36.2	54.4#
89	34.4	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.82 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

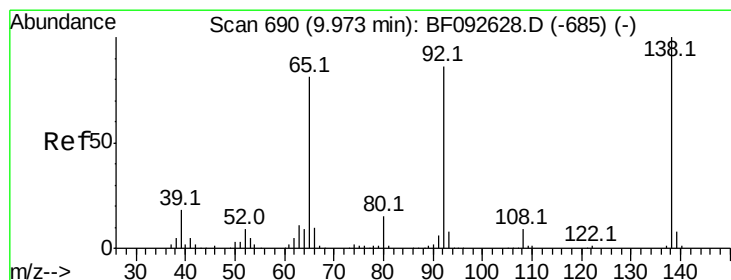
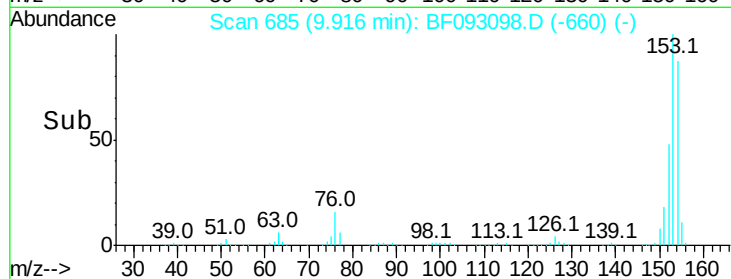
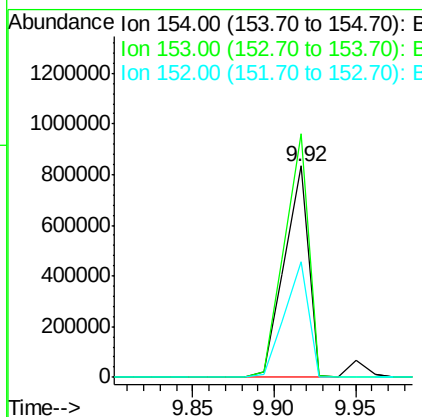
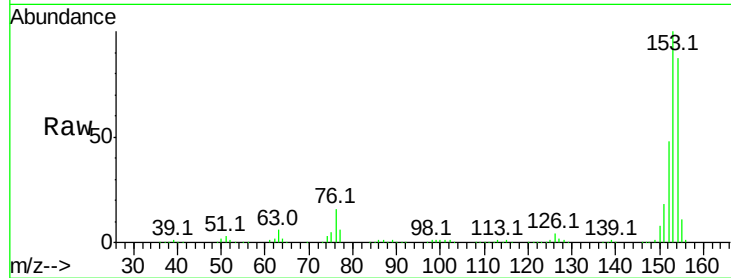
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	874321
Ion Ratio	Lower	Upper	
154	100		
153	115.1	88.6	133.0
152	54.8	41.6	62.4

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2/24/2017 1:35:21 PM



#52

3-Nitroaniline

Concen: 41.11 ng

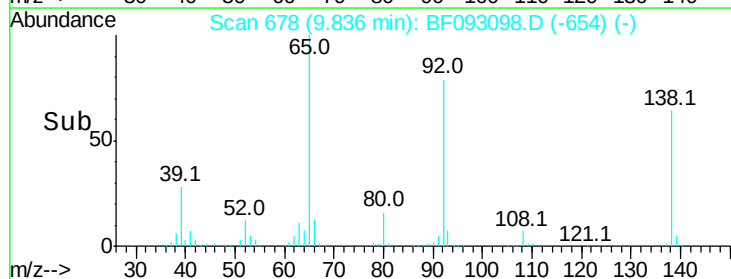
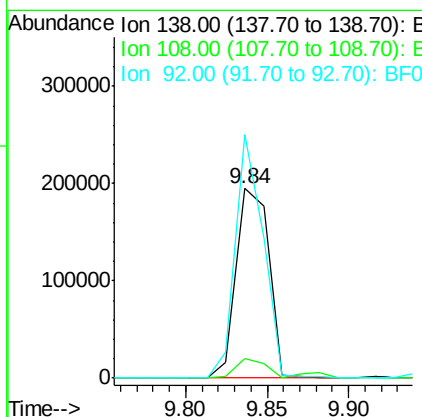
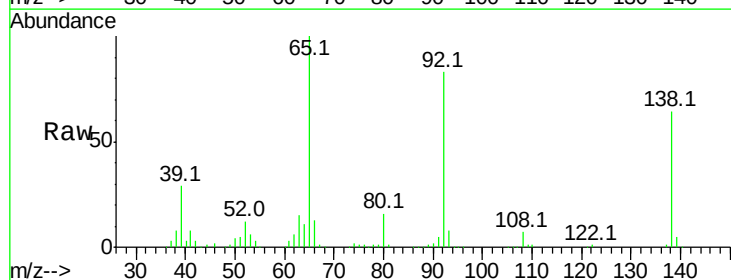
RT: 9.84 min Scan# 678

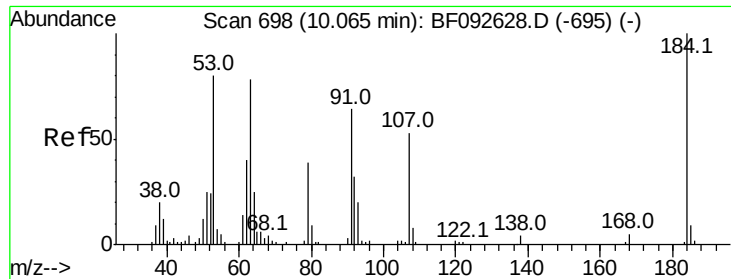
Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:	138	Resp:	270386
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.5	12.7
92	128.4	97.8	146.8





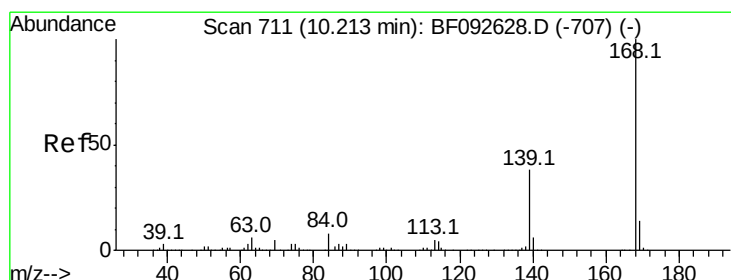
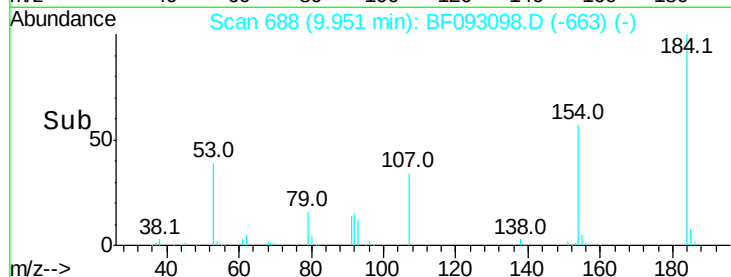
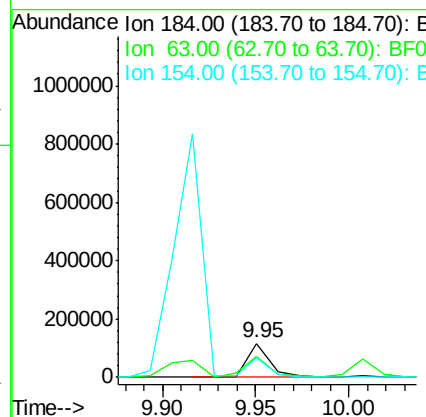
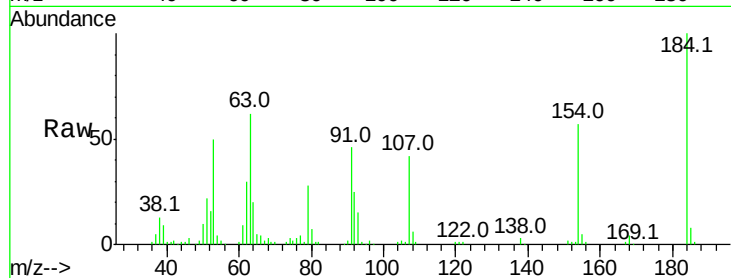
#53
 2,4-Dinitrophenol
 Concen: 38.34 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.7	28.4	42.6
154	57.1	44.3	66.5

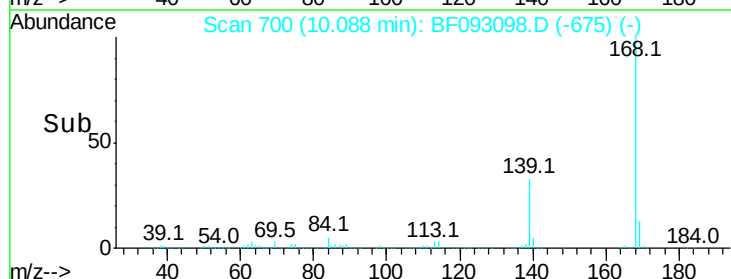
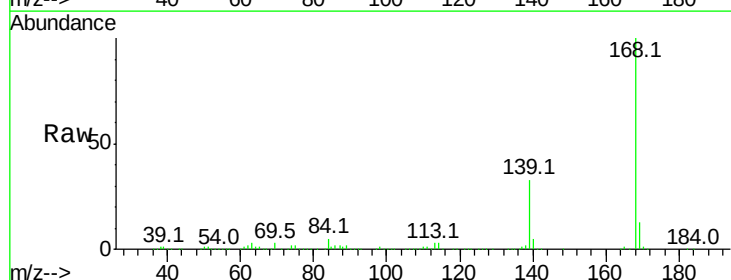
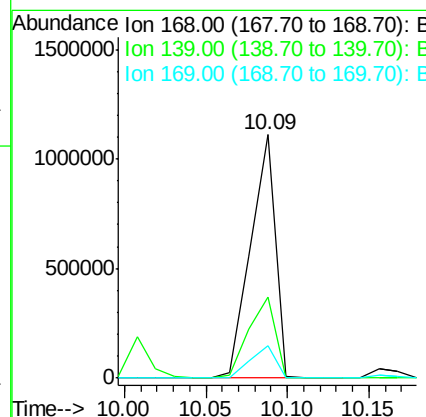
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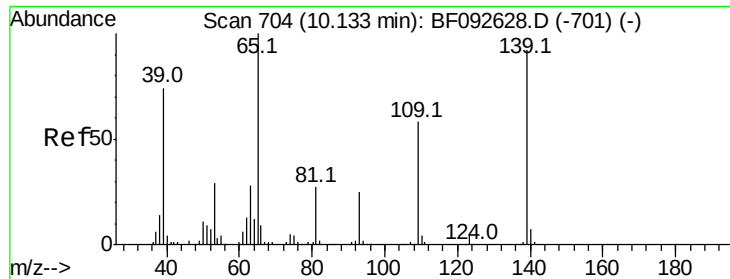
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#54
 Dibenzofuran
 Concen: 37.73 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.1	32.6	49.0
169	13.1	11.3	16.9





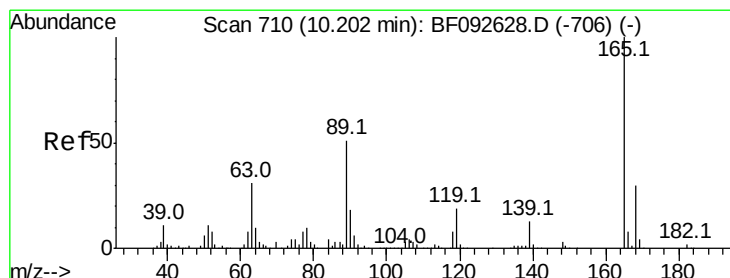
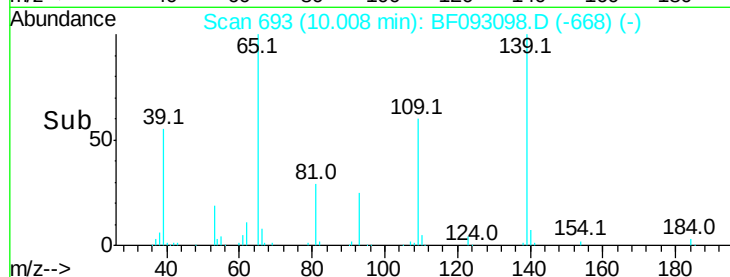
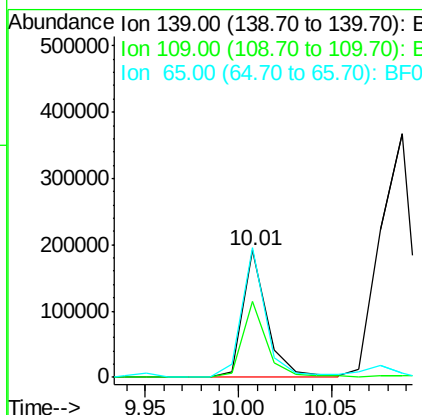
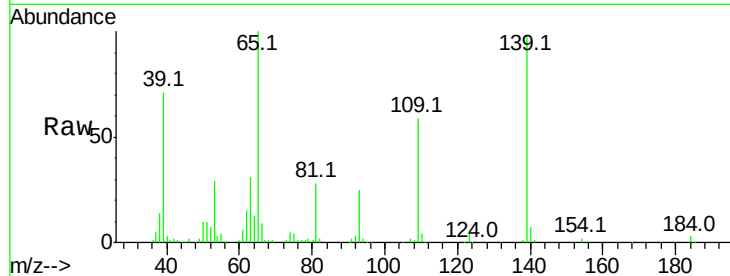
#55
4-Nitrophenol
Concen: 37.33 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.0	52.2	92.2	
65	102.2	85.8	125.8	

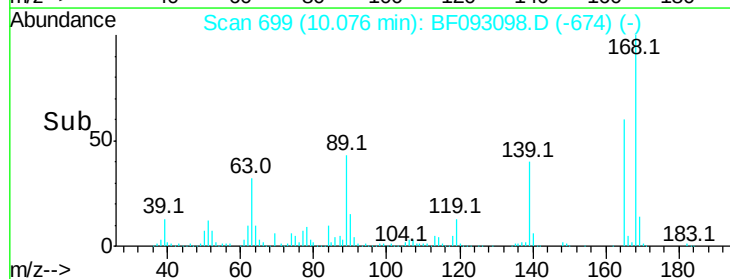
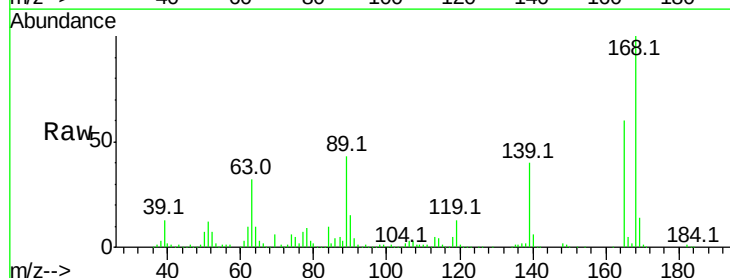
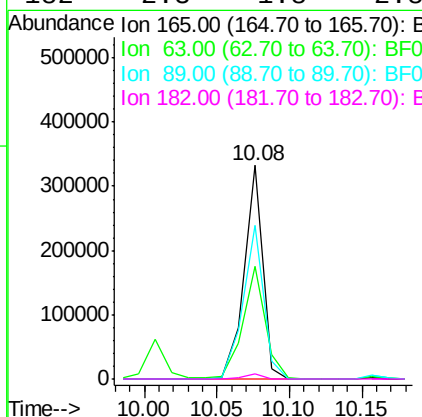
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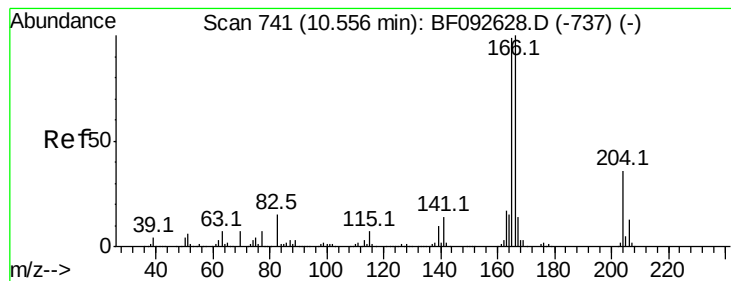
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#56
2,4-Dinitrotoluene
Concen: 38.65 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.8	40.2	60.4	
89	72.1	62.5	93.7	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 39.48 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 939210

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

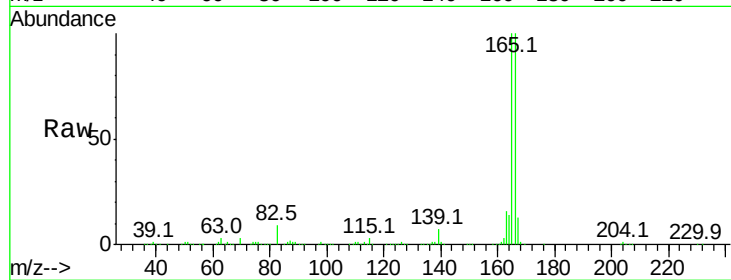
167 13.2 10.8 16.2

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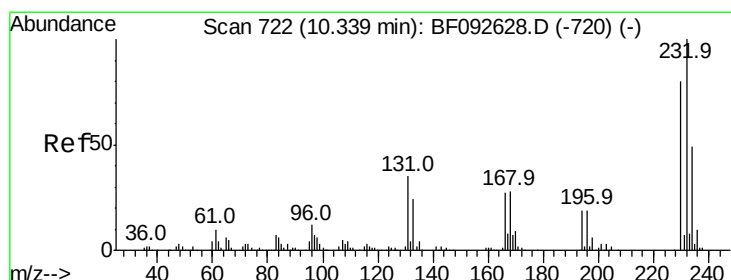
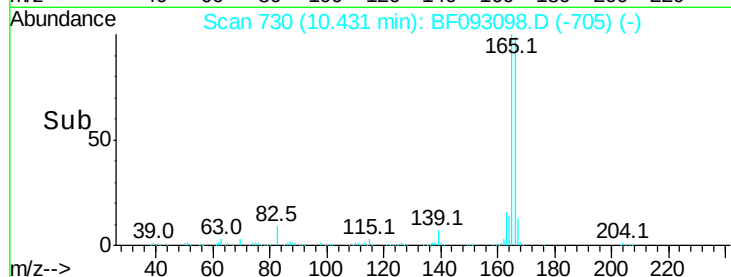
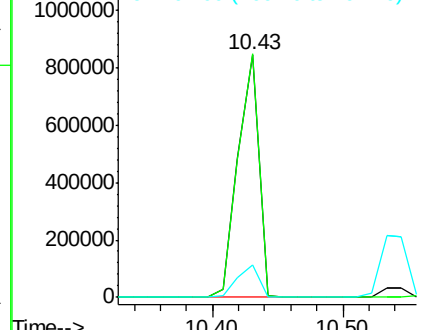
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.78 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:232 Resp: 206584

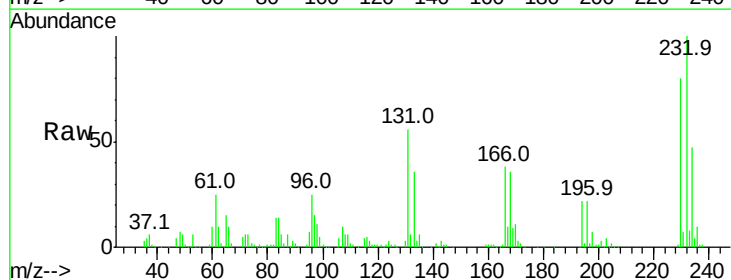
Ion Ratio Lower Upper

232 100

131 49.7 40.1 60.1

130 2.4 1.8 2.8

166 33.1 26.6 39.8

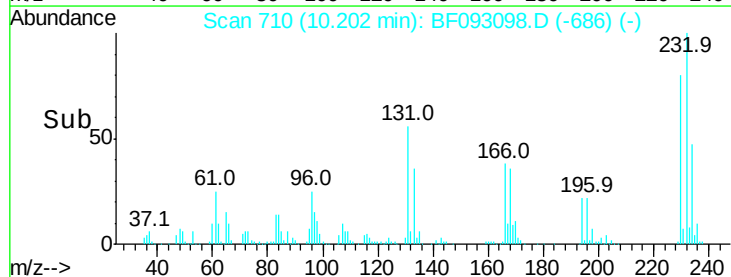
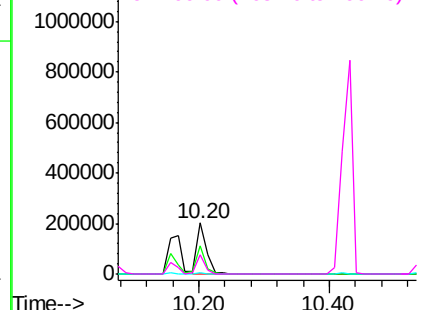


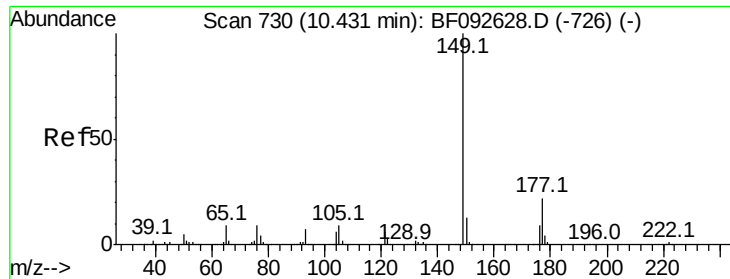
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





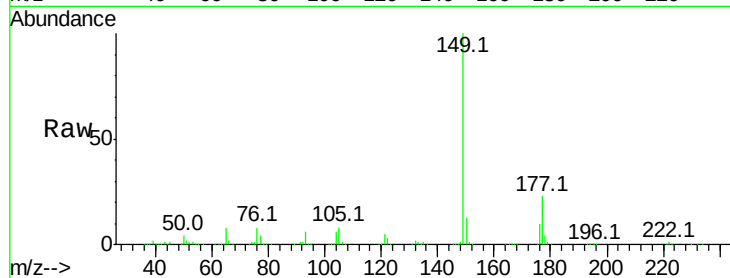
#59
Diethylphthalate
Concen: 40.54 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

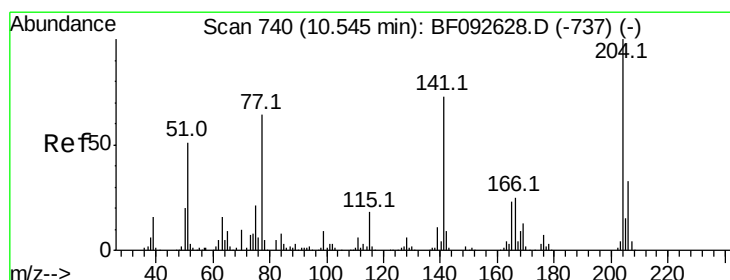
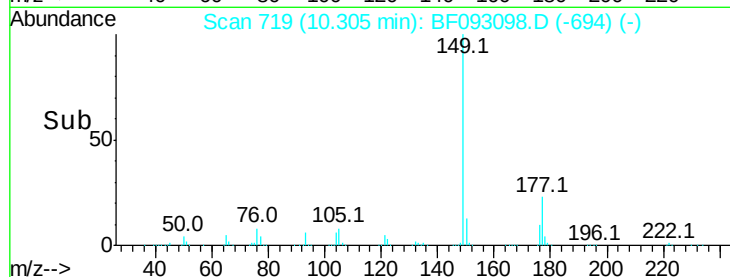
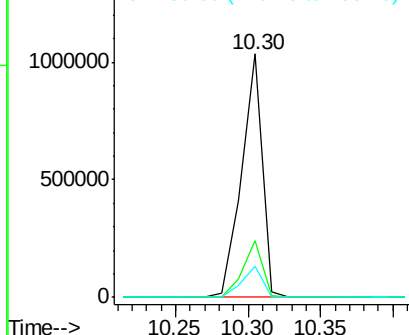
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.6	25.0
150	12.6	10.4	15.6

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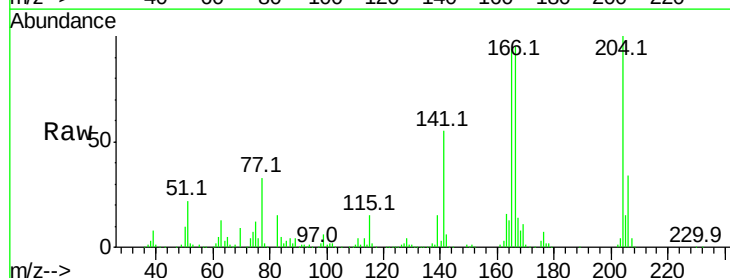


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

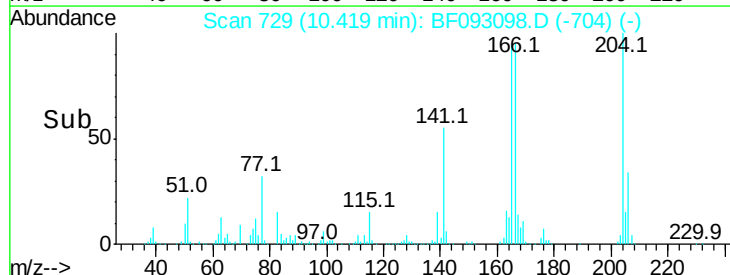
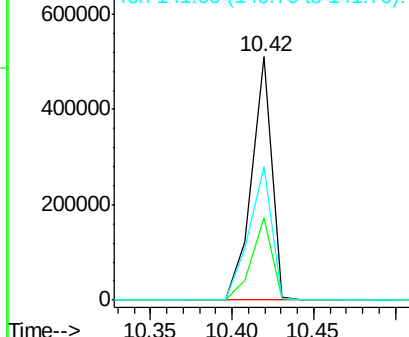


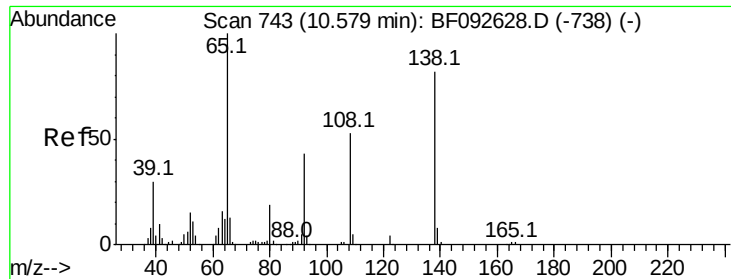
#60
4-Chlorophenyl-phenylether
Concen: 38.51 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.6
141	55.0	59.4	89.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





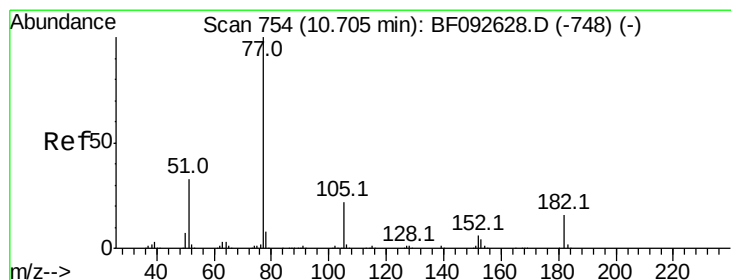
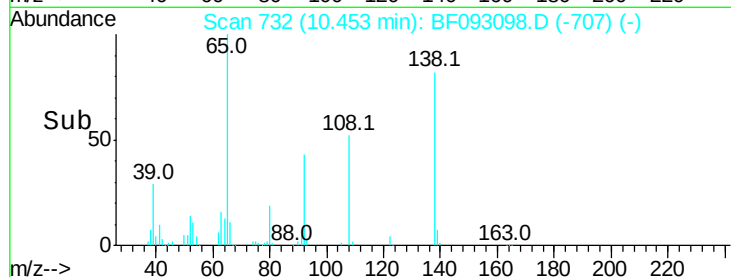
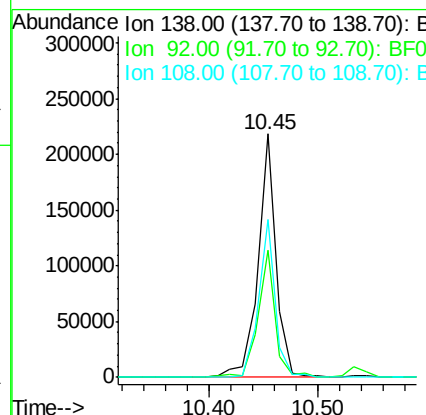
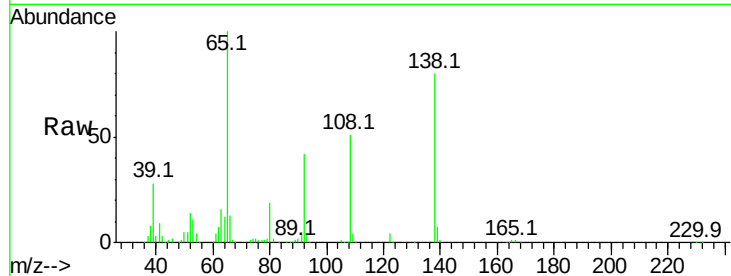
#61
4-Nitroaniline
Concen: 37.60 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.2	31.7	71.7
108	64.6	52.6	92.6

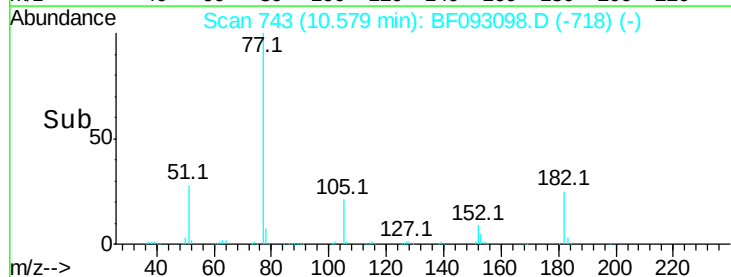
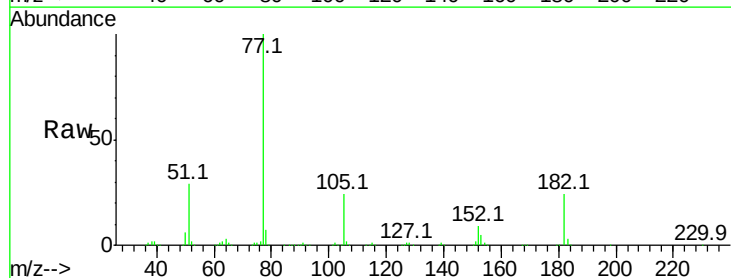
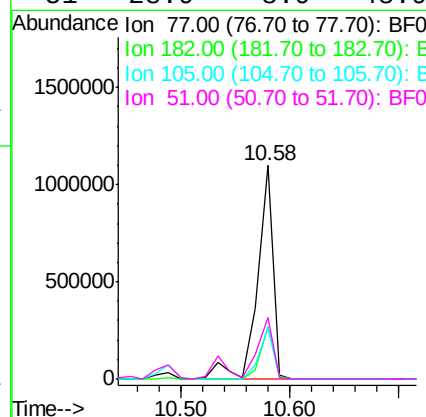
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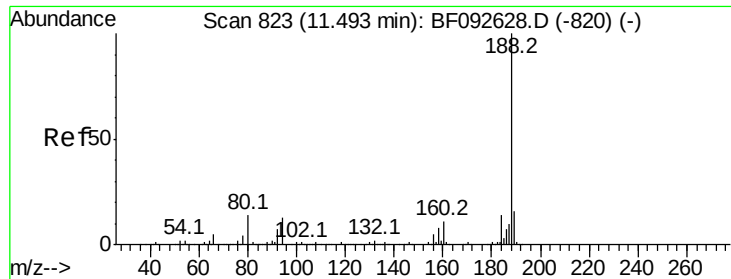
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#62
Azobenzene
Concen: 42.89 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.0	39.3
105	24.2	2.3	42.3
51	28.9	8.9	48.9





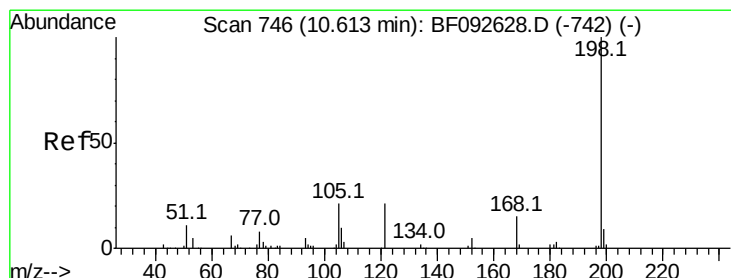
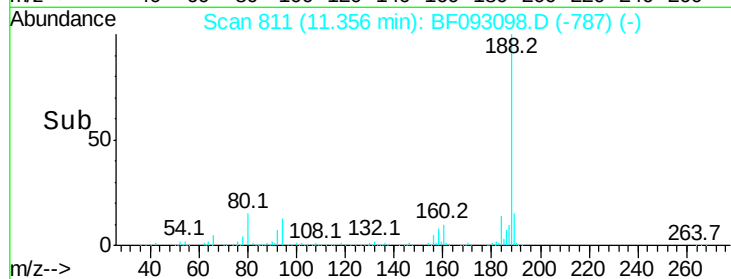
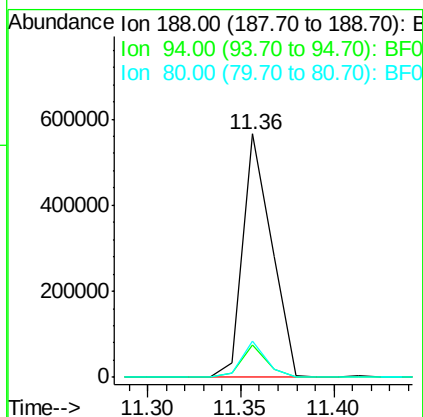
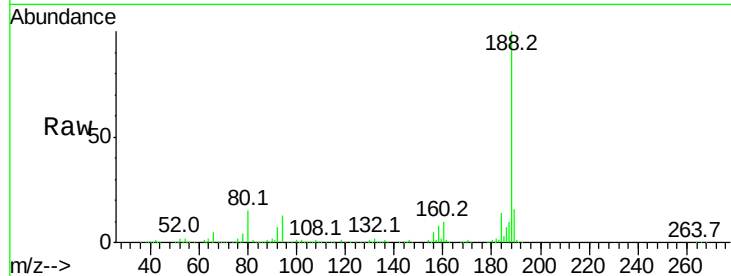
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	607284		
94	13.4		10.0	15.0
80	14.7		11.2	16.8

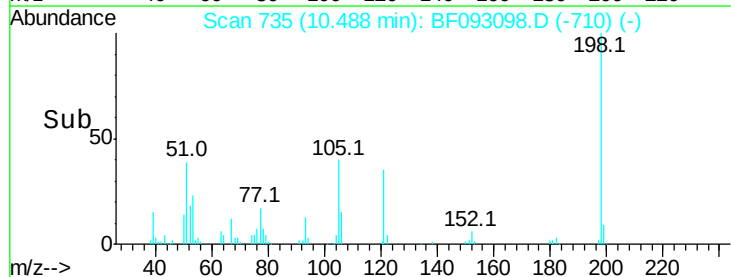
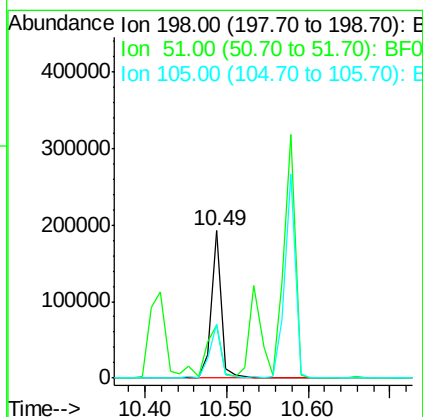
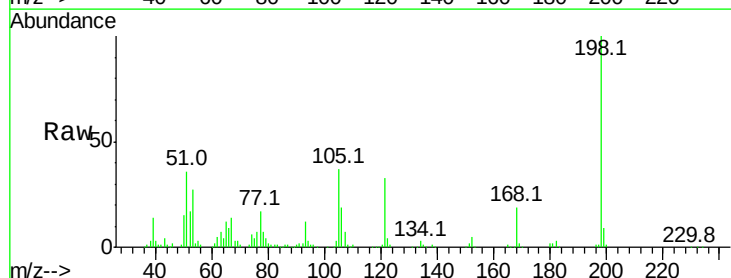
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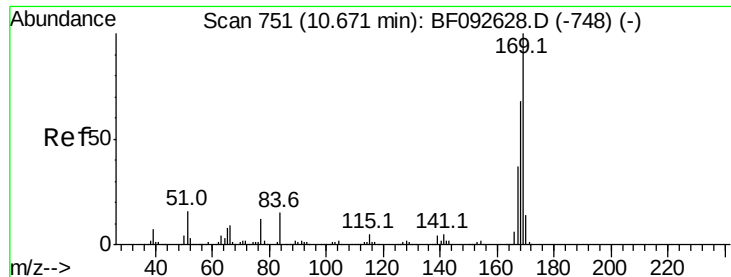
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.85 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	169009		
51	36.1		6.7	46.7
105	37.2		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 42.13 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

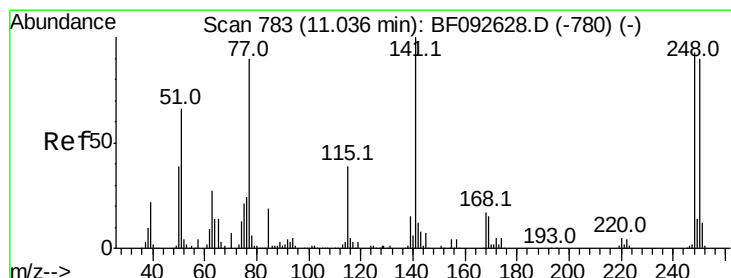
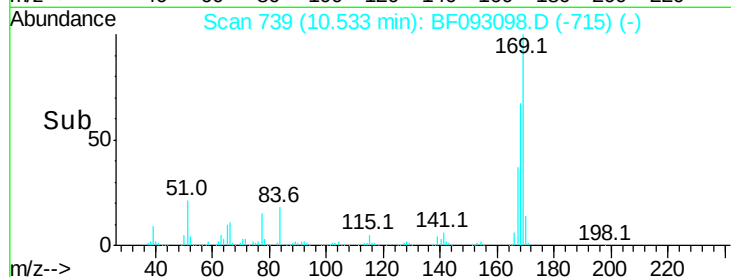
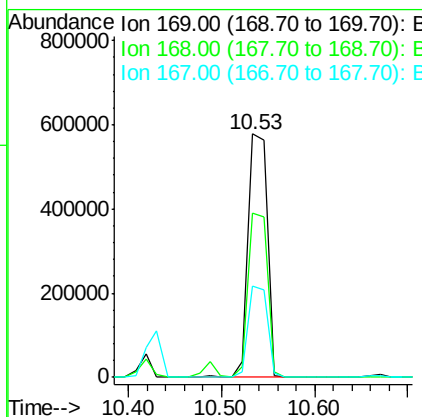
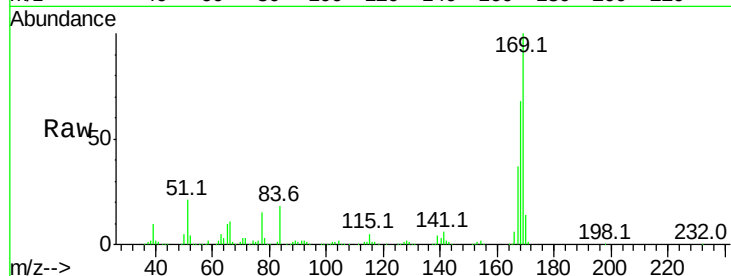
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	817367
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.5	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 42.36 ng

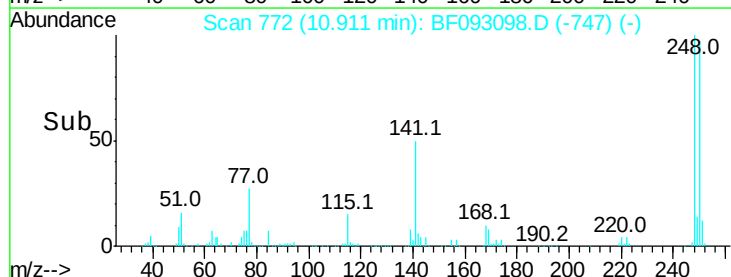
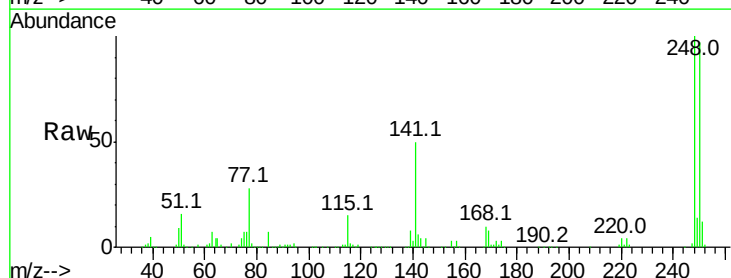
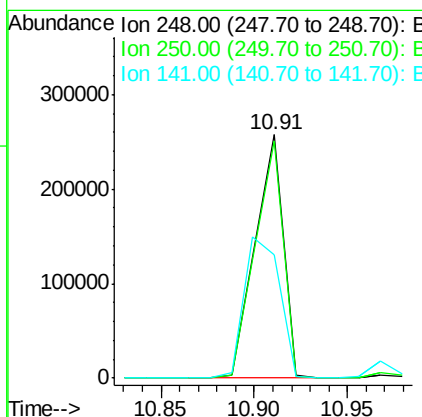
RT: 10.91 min Scan# 772

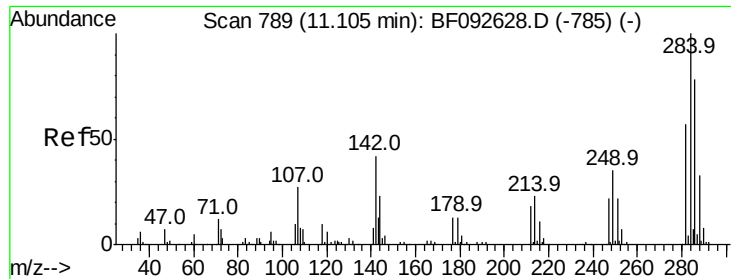
Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:	248	Resp:	268761
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	50.5	68.2	102.4#





#67

Hexachlorobenzene

Concen: 40.14 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

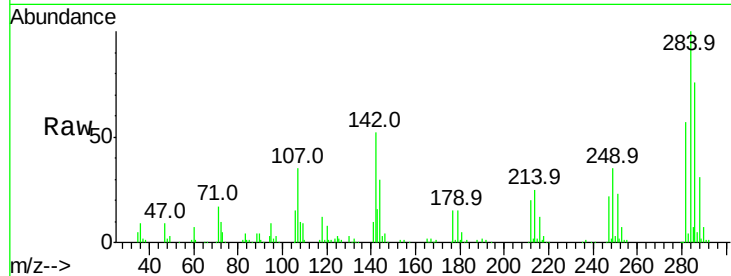
ClientSampleId :

SSTDCCC040

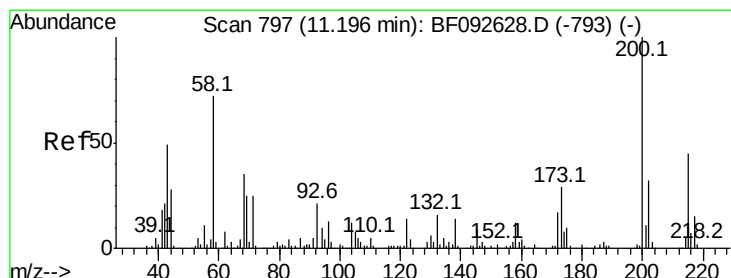
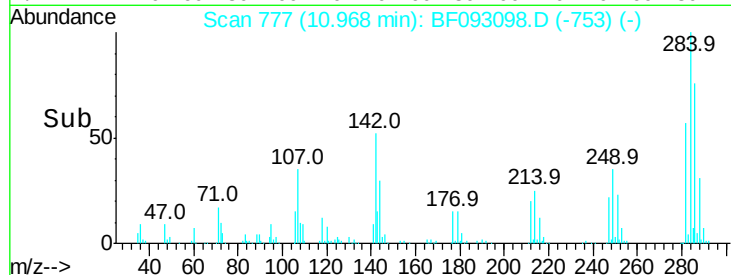
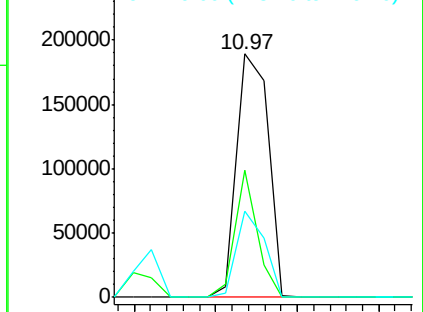
Tot Ion:	284	Resp:	251681
Ion Ratio		Lower	Upper
284	100		
142	52.1	22.6	33.8#
249	35.4	25.4	38.0

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2/24/2017 1:35:21 PM



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: 45.30 ng

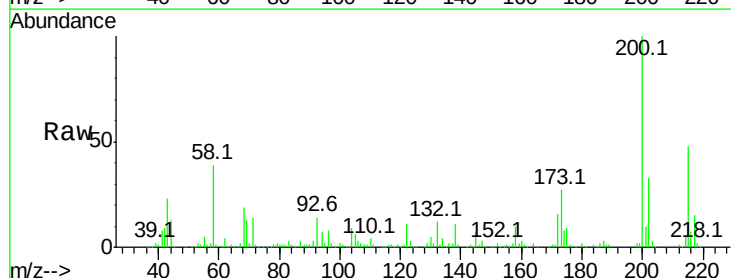
RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

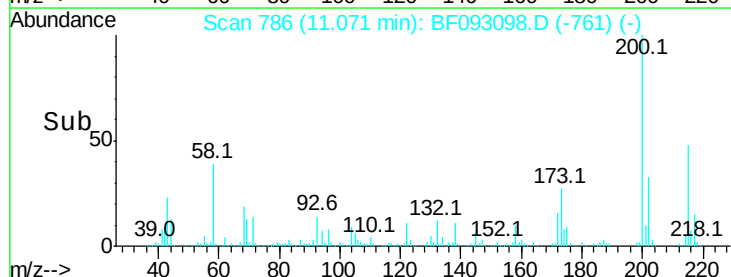
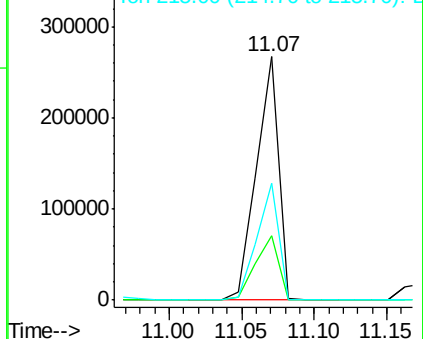
Lab File: BF093098.D

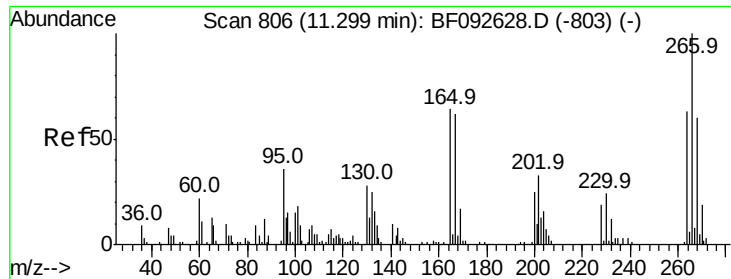
Acq: 23 Feb 2017 9:43

Tgt Ion:	200	Resp:	282010
Ion Ratio		Lower	Upper
200	100		
173	26.5	9.6	49.6
215	47.8	25.7	65.7



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





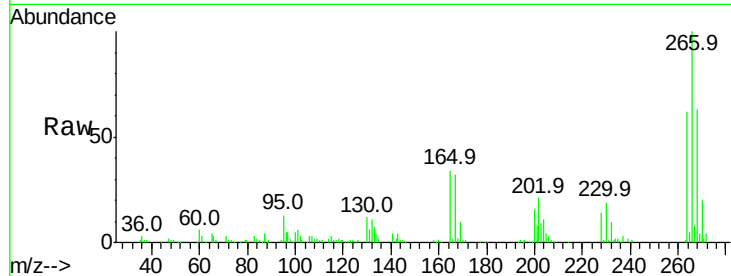
#69
 Pentachlorophenol
 Concen: 45.96 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

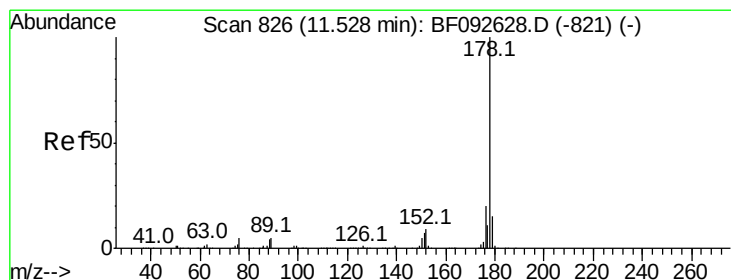
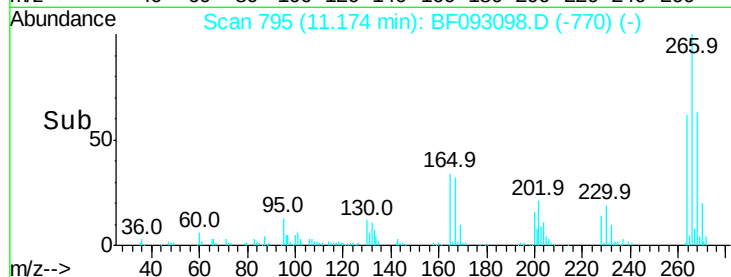
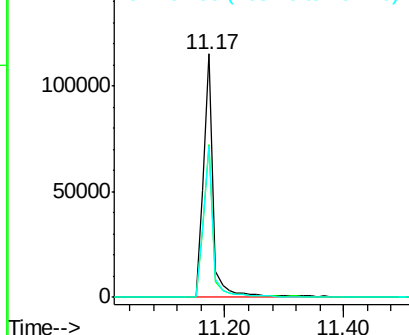
Tot Ion	Ratio	Resp	Lower	Upper
266	100	137857		
268	62.9	53.3	79.9	
264	62.0	50.3	75.5	

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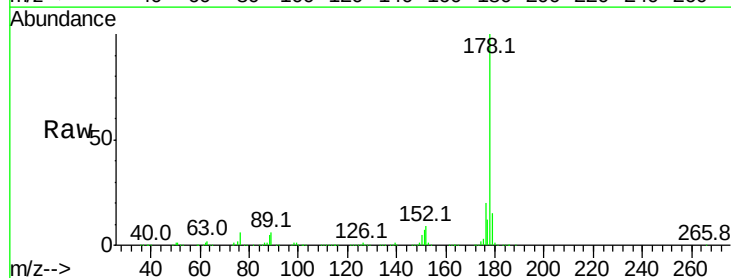


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

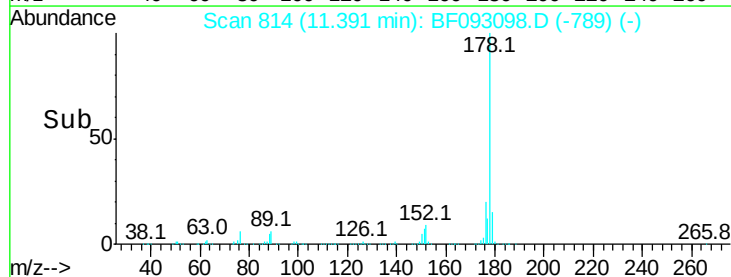
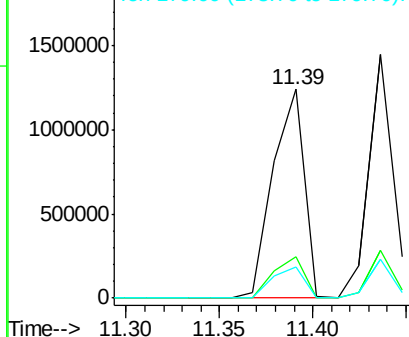


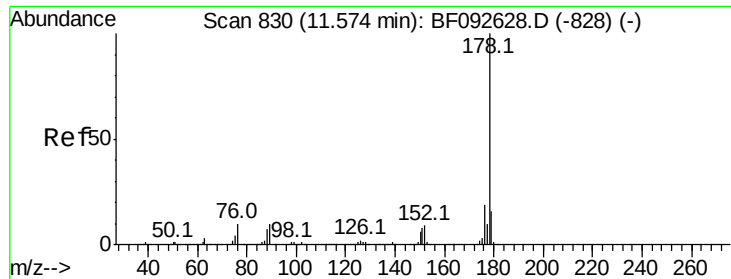
#70
 Phenanthrene
 Concen: 41.42 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1441146		
176	19.6	16.6	25.0	
179	15.1	12.8	19.2	



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





#71
 Anthracene
 Concen: 37.34 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

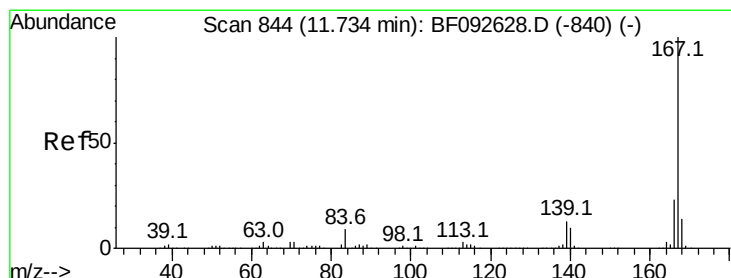
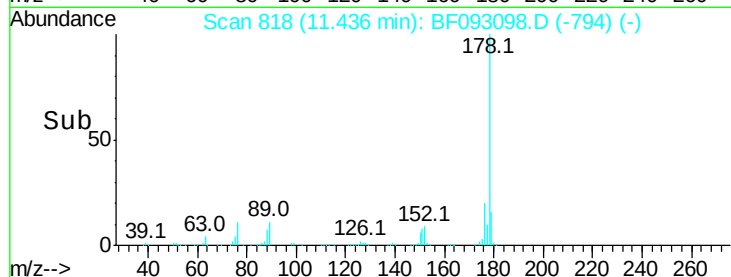
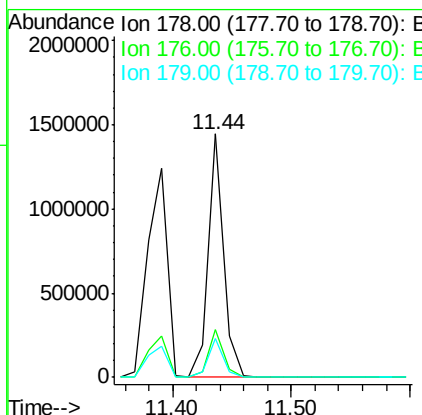
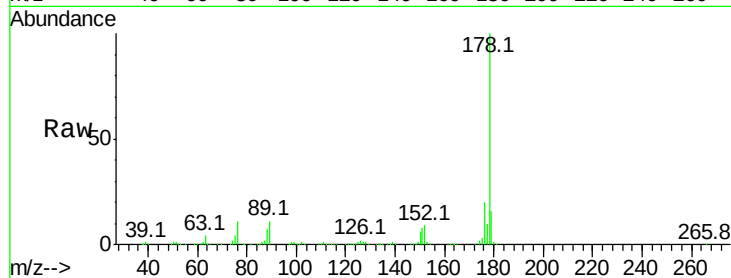
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1304702

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	13.2	19.8

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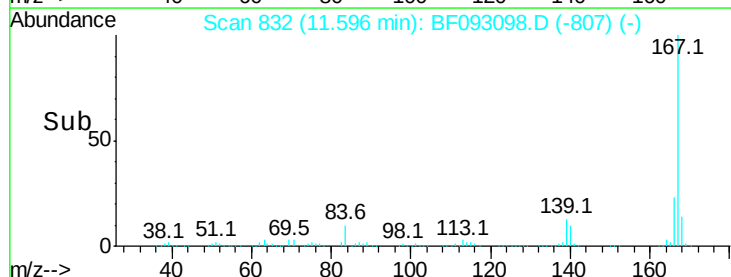
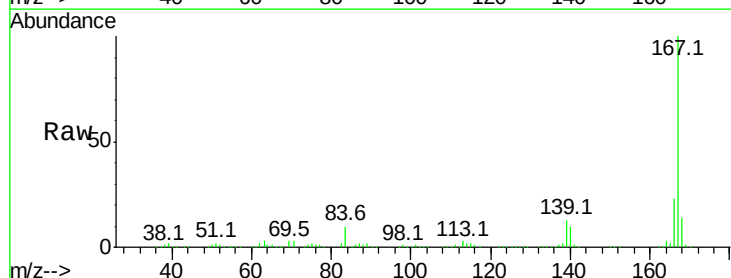
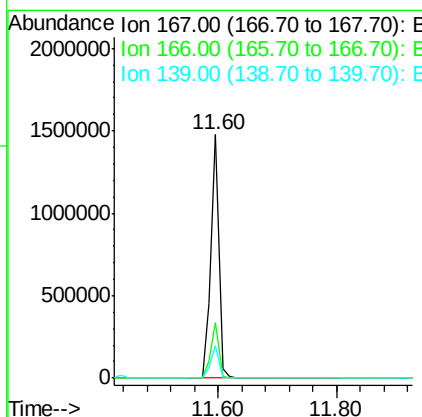
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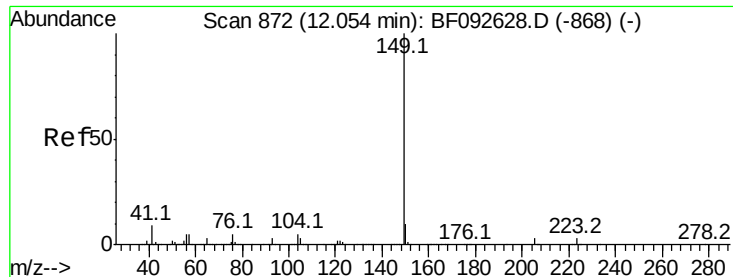


#72
 Carbazole
 Concen: 41.37 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:167 Resp: 1381702

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.4	11.4	17.2





#73

Di-n-butylphthalate

Concen: 43.31 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1564309

Ion Ratio Lower Upper

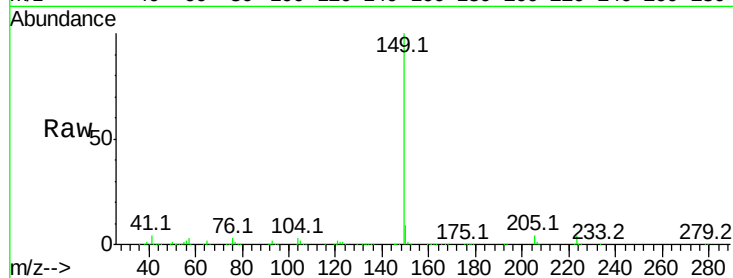
149 100

150 9.0 8.1 12.1

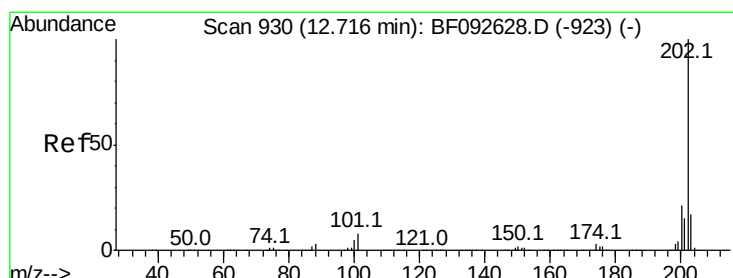
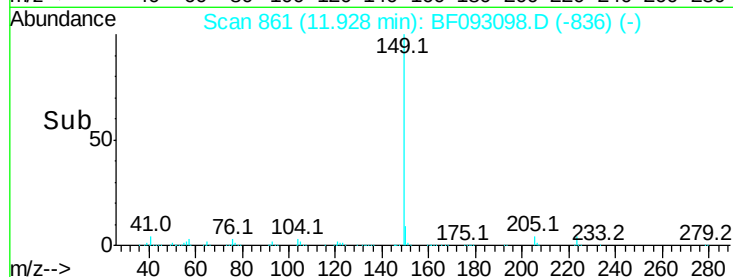
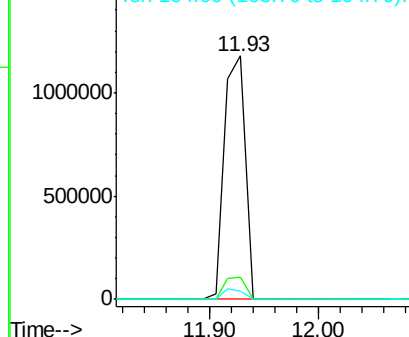
104 3.5 4.6 7.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.88 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

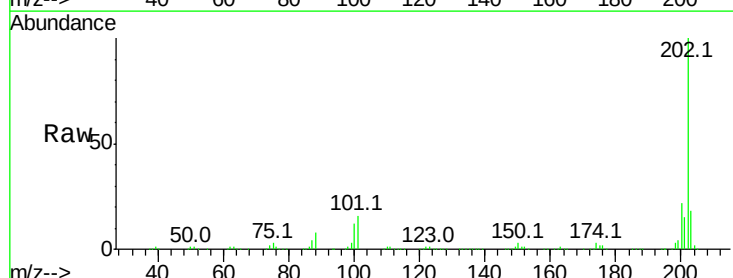
Tgt Ion:202 Resp: 1251836

Ion Ratio Lower Upper

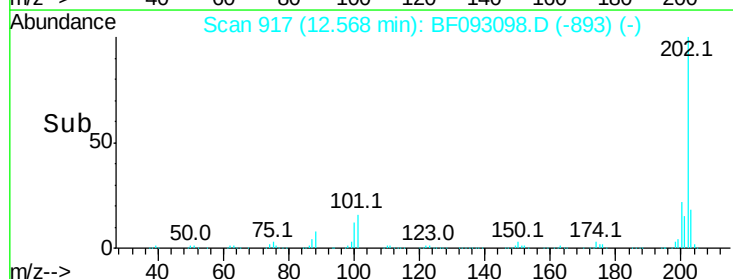
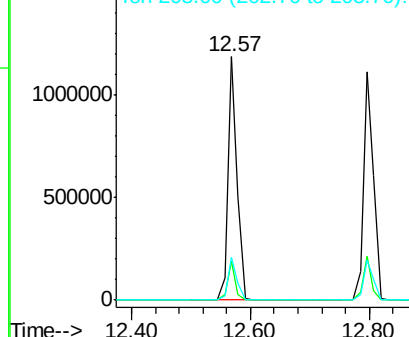
202 100

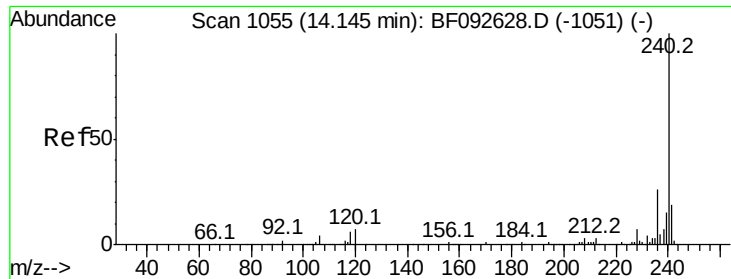
101 15.9 0.0 34.6

203 17.7 0.0 38.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

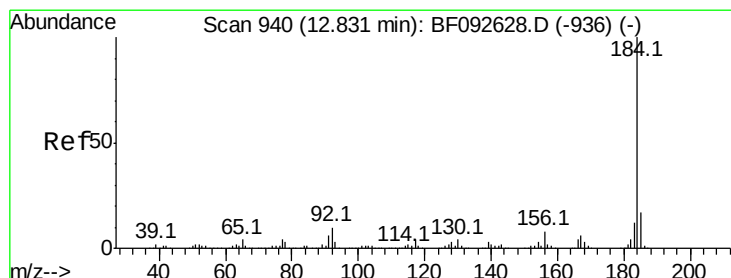
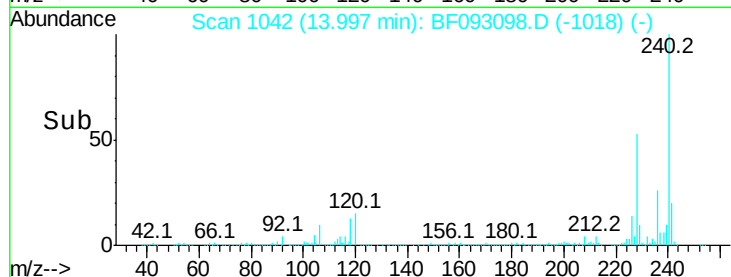
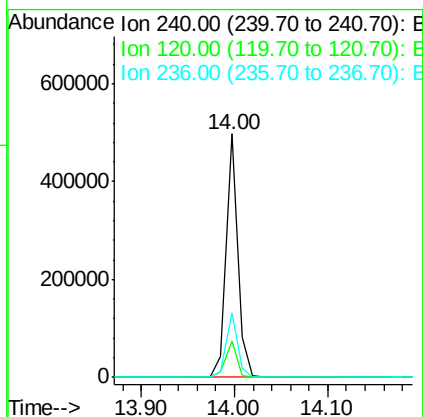
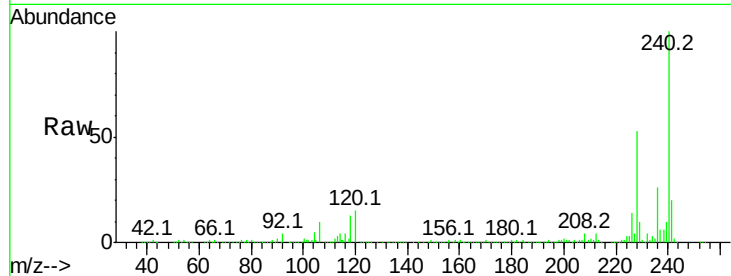
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	431640
Ion Ratio	Lower	Upper	
240	100		
120	15.1	12.9	19.3
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 34.15 ng

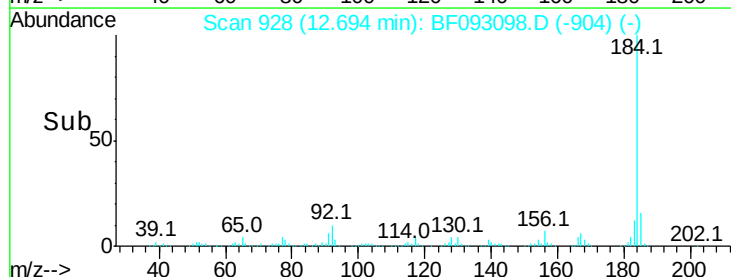
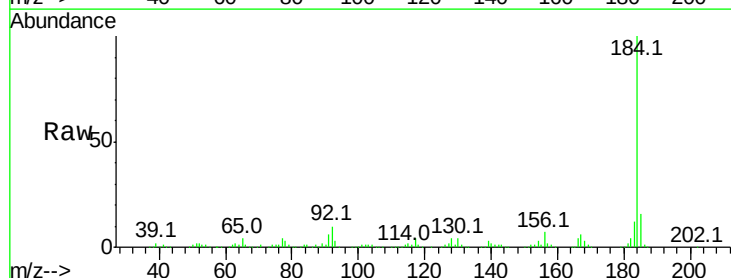
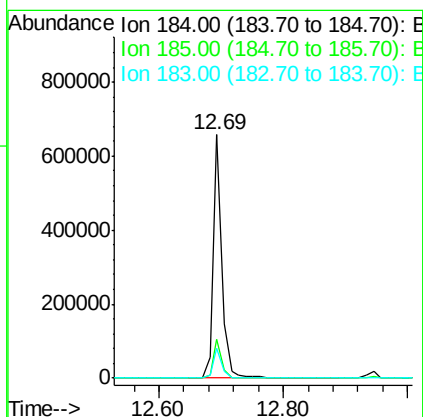
RT: 12.69 min Scan# 928

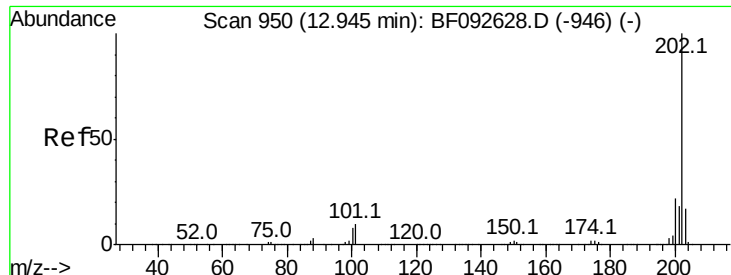
Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:	184	Resp:	628089
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.4	20.0
183	12.1	9.2	13.8





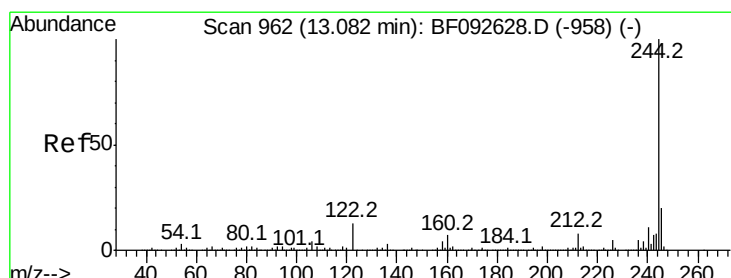
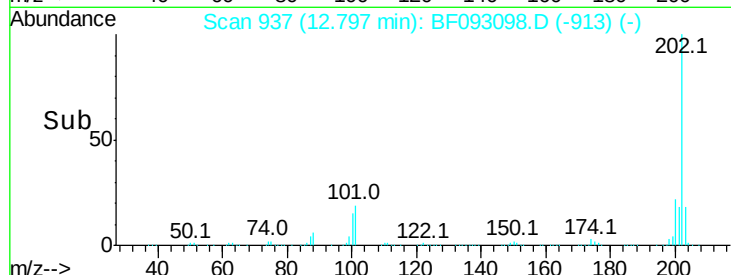
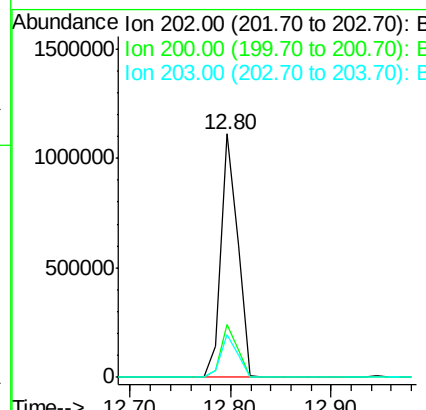
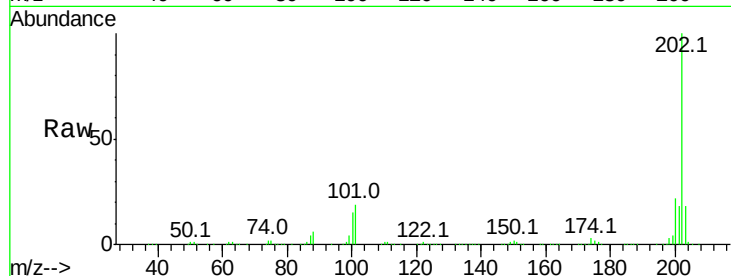
#77
Pvrene
Concen: 39.81 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.7	14.7	22.1

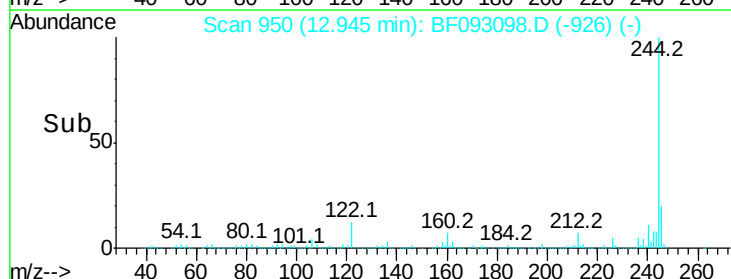
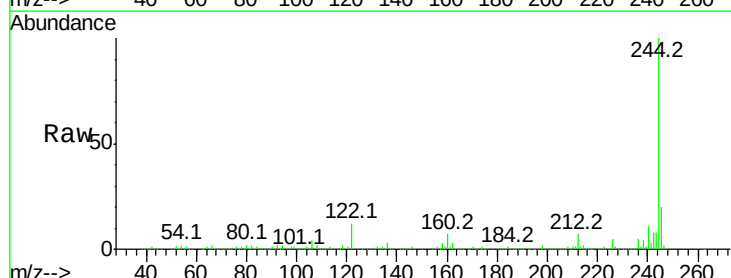
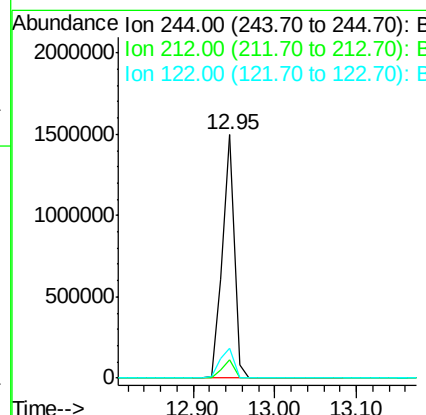
Manual Integrations
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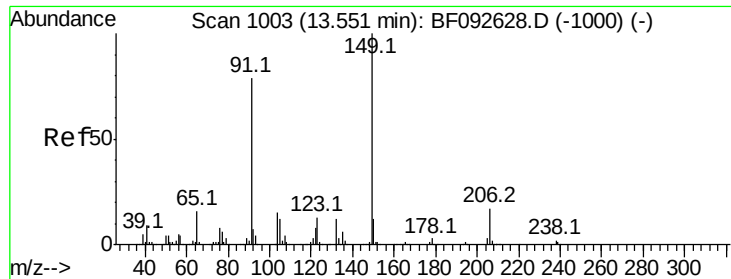
mohammad
2/24/2017 1:35:21 PM



#78
Terphenyl-d14
Concen: 82.88 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.4	11.4	17.2





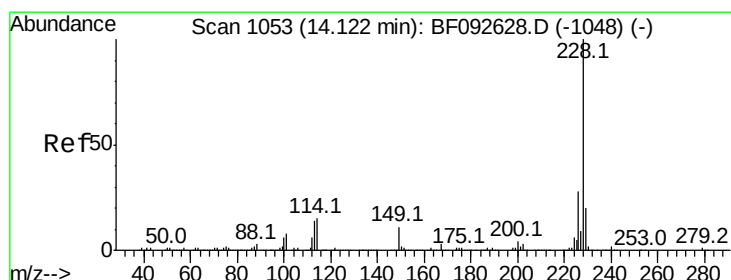
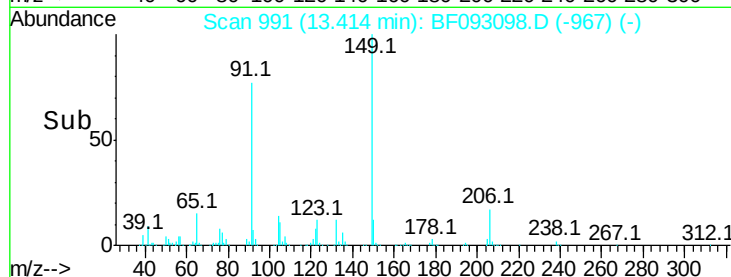
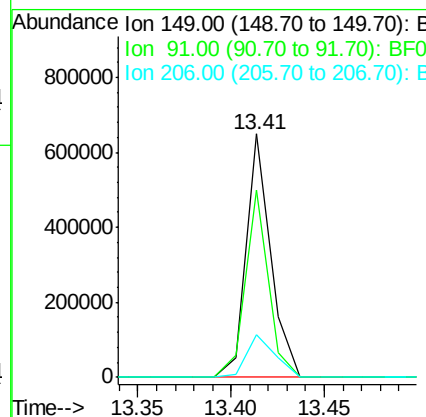
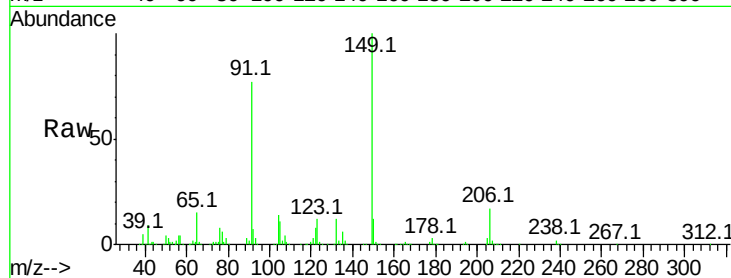
#79
Butylbenzylphthalate
Concen: 45.20 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	592883		
91	77.0	63.9	95.9	
206	17.3	14.6	21.8	

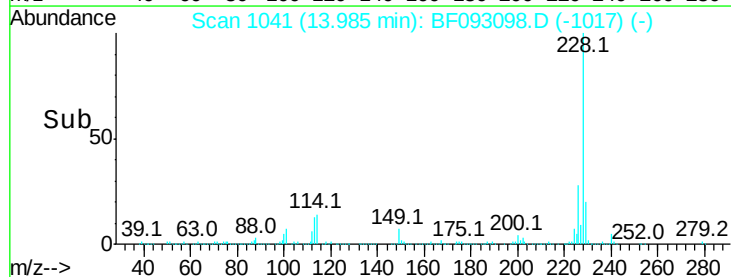
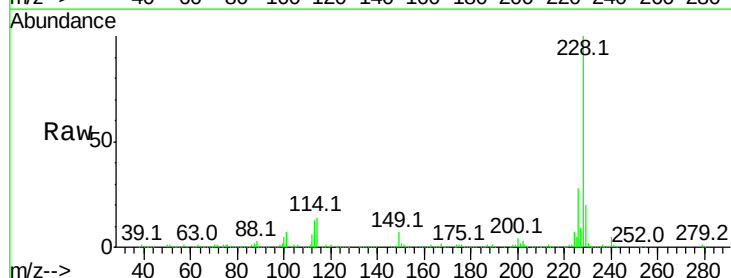
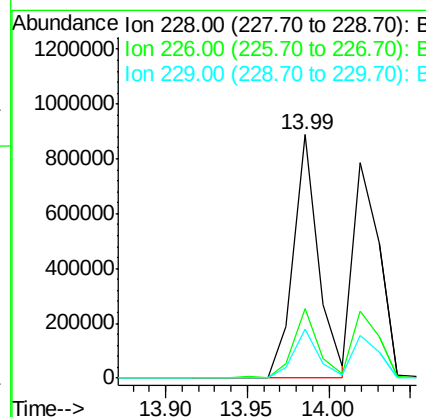
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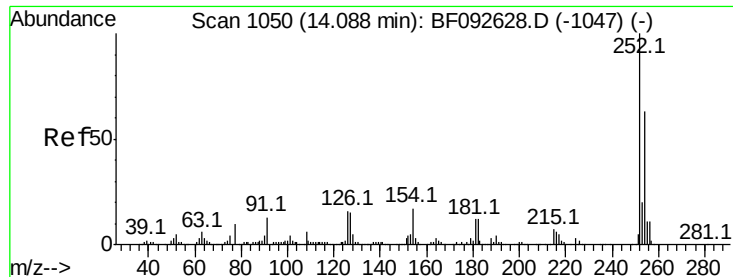
mohammad
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#80
Benzo(a)anthracene
Concen: 36.14 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	954104		
226	28.4	22.4	33.6	
229	20.1	16.2	24.4	





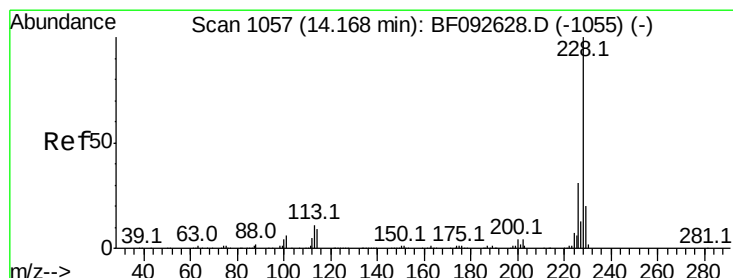
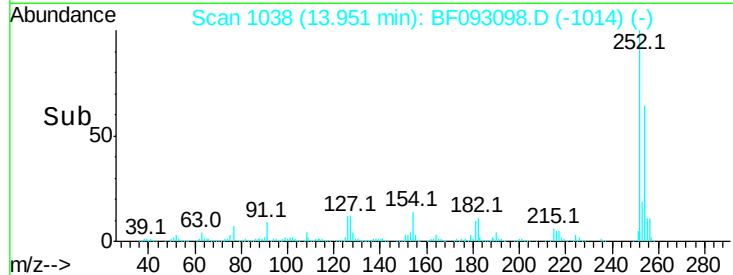
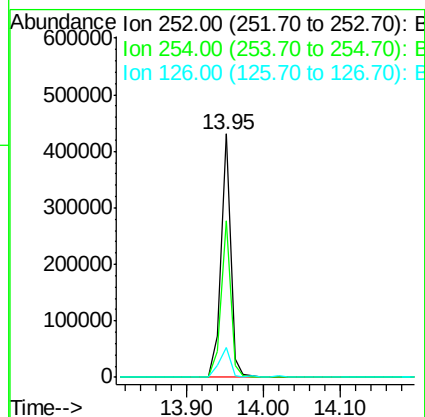
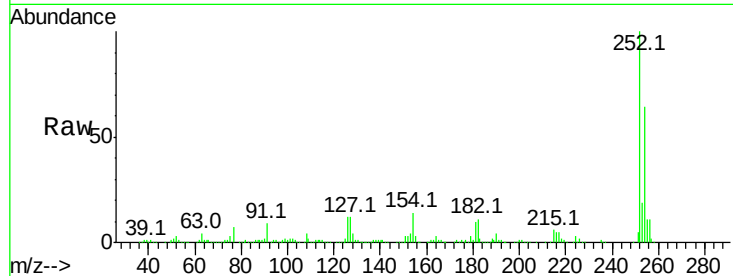
#81
 3,3'-Dichlorobenzidine
 Concen: 40.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	376392		
254	64.1	52.3	78.5	
126	12.4	13.6	20.4	

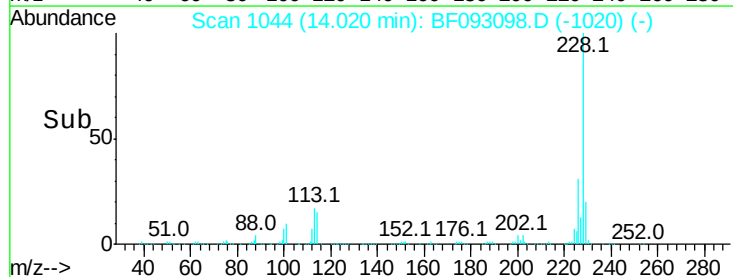
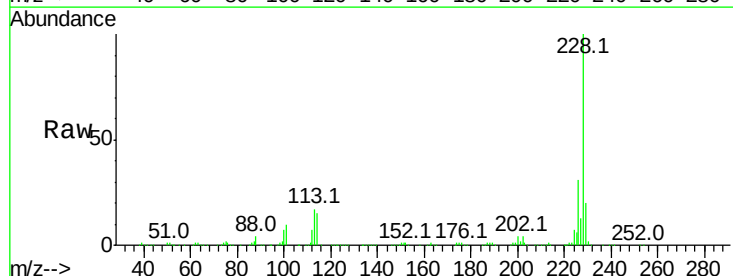
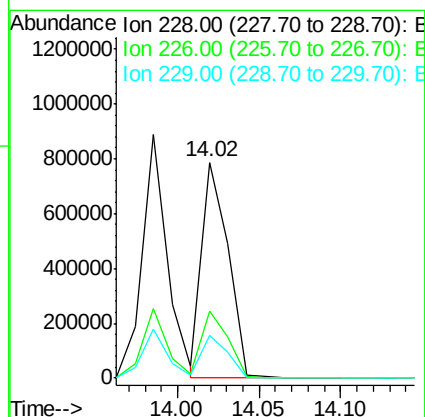
Manual Integrations
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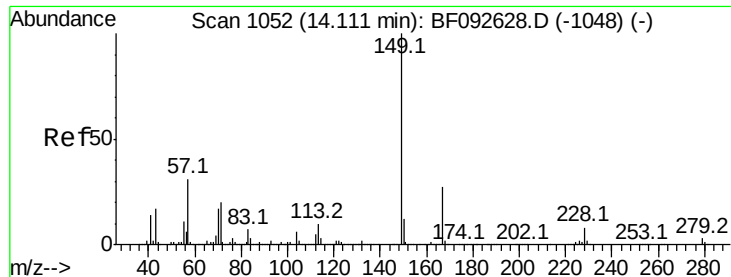
mohammad
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#82
 Chrysene
 Concen: 36.08 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	891828		
226	30.8	25.4	38.0	
229	19.7	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.39 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

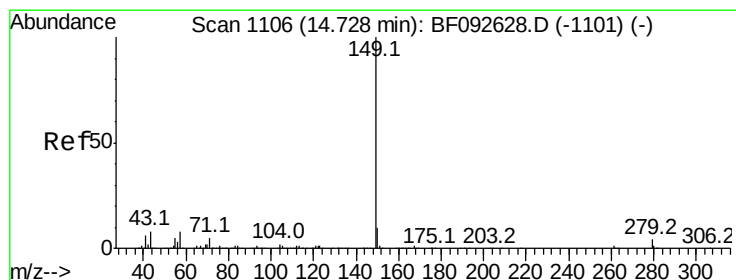
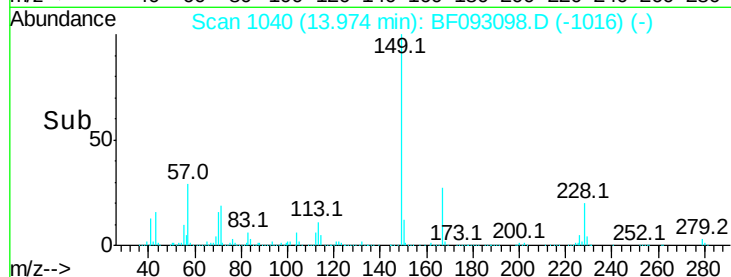
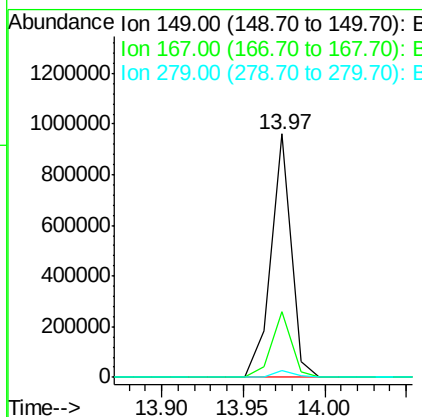
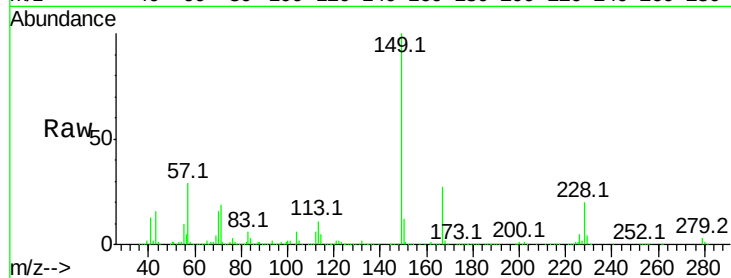
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.2	30.4
279	3.0	1.8	2.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.83 ng

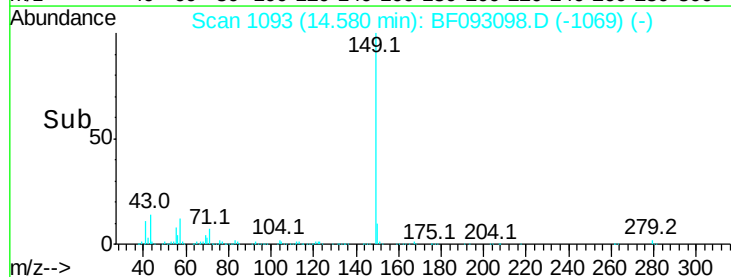
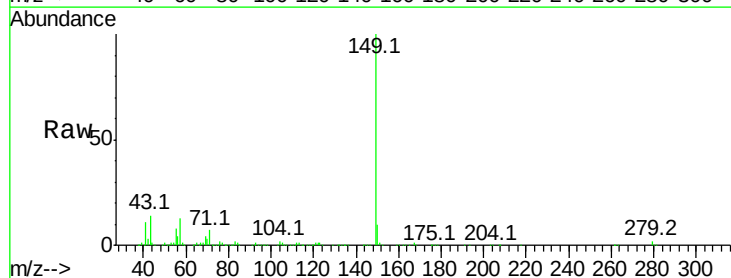
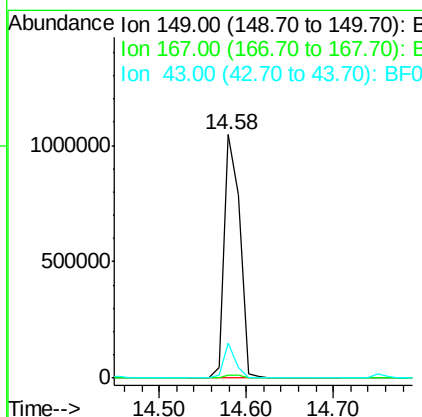
RT: 14.58 min Scan# 1093

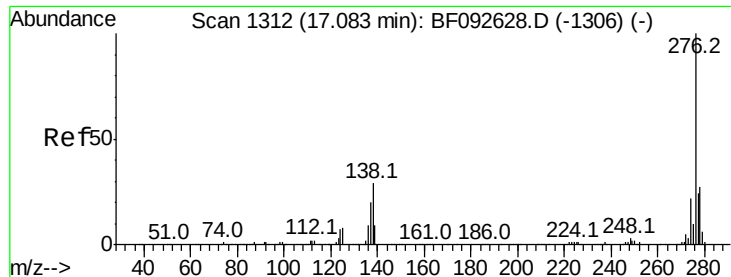
Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.1	8.9	13.3





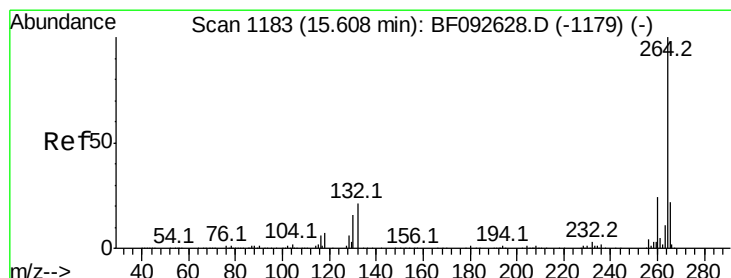
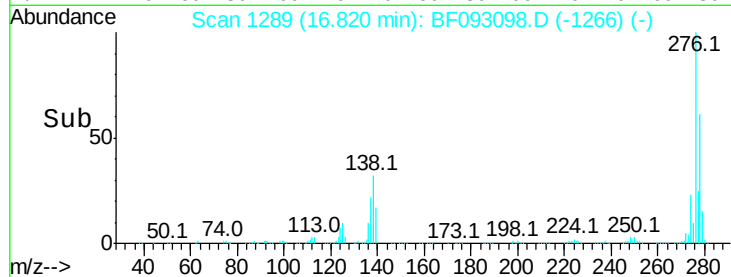
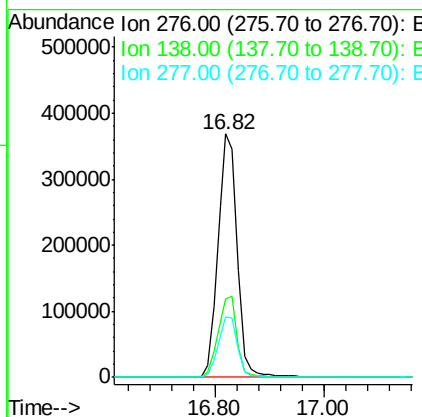
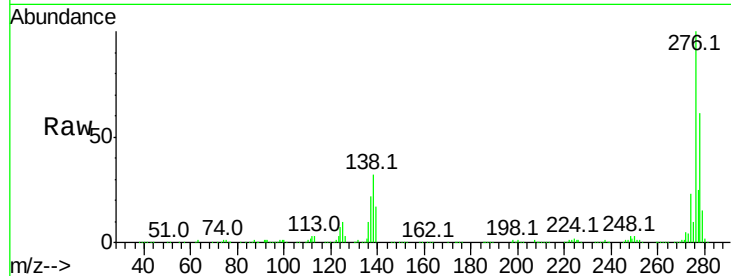
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.96 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6#
277	25.0	20.2	30.4

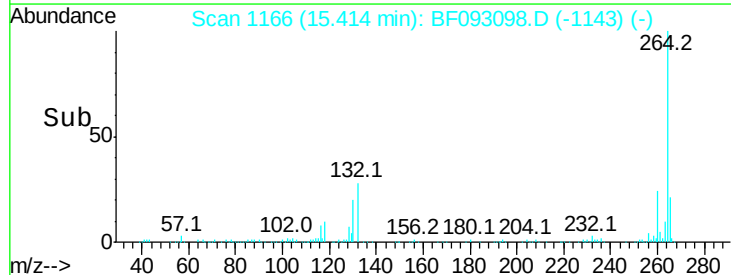
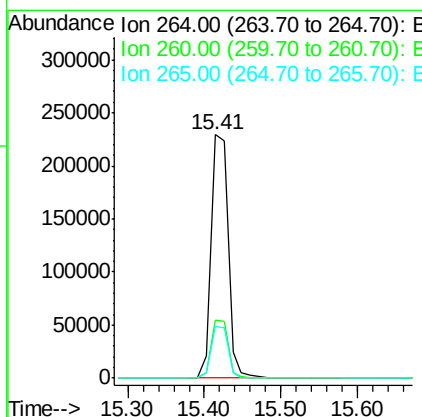
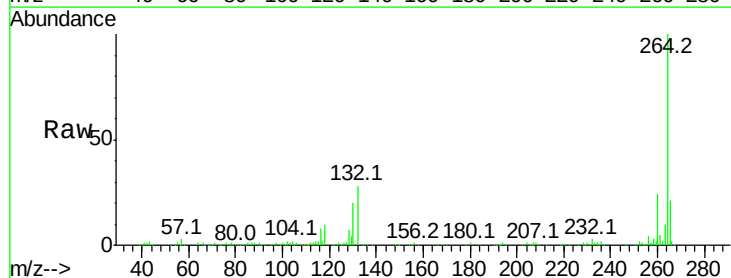
Manual Integrations
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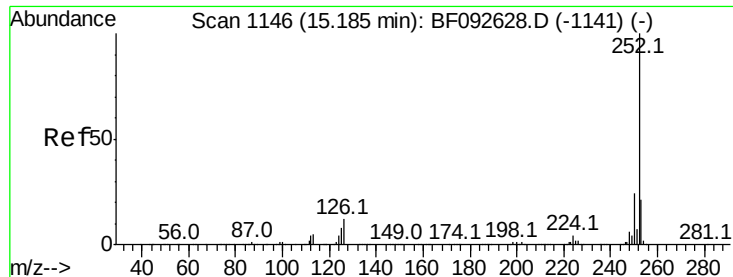
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0





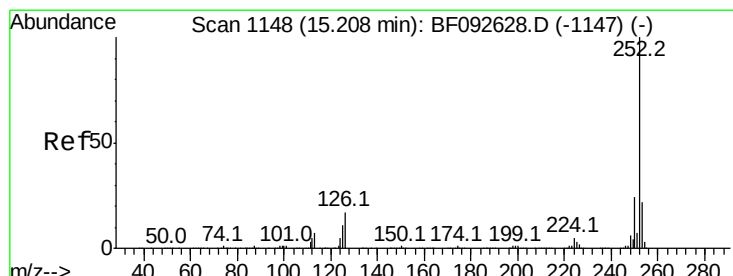
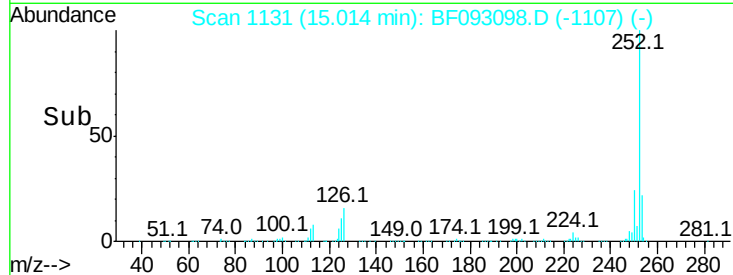
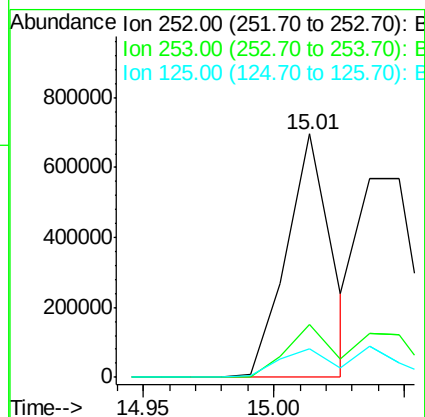
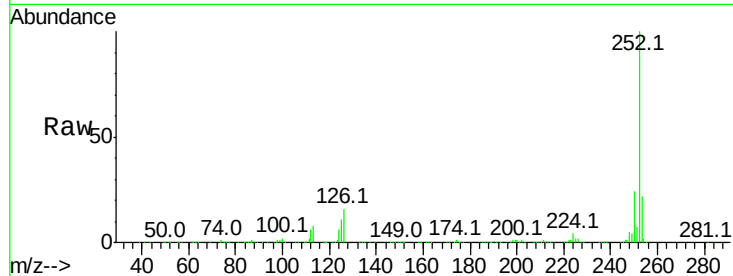
#87
Benzo(b)fluoranthene
Concen: 36.09 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.5	9.8	14.6

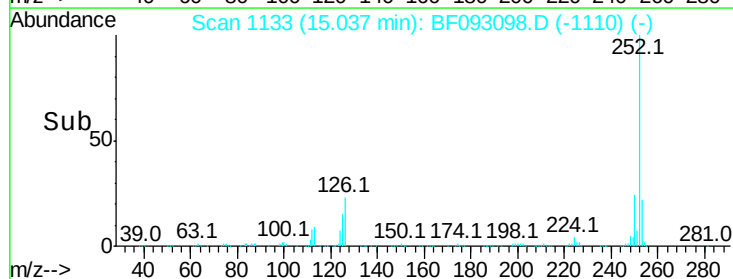
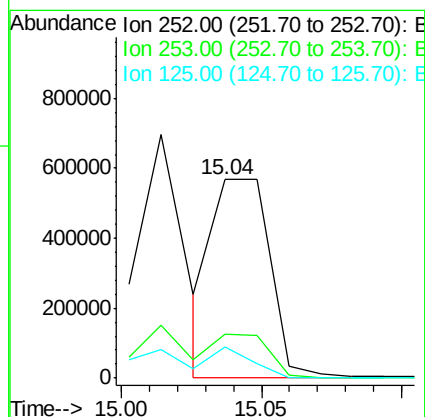
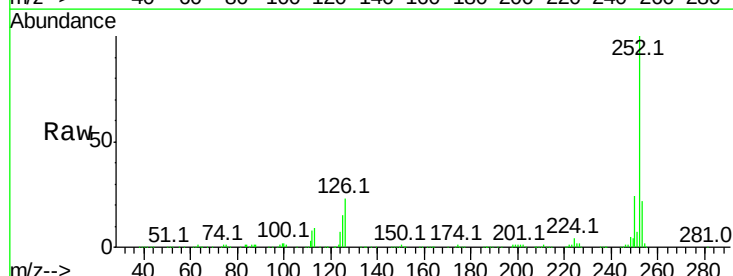
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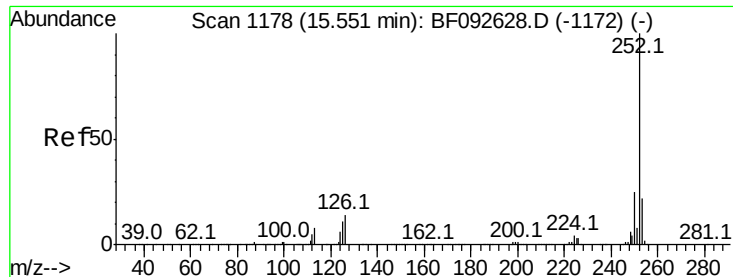
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#88
Benzo(k)fluoranthene
Concen: 40.95 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	15.4	8.9	13.3#





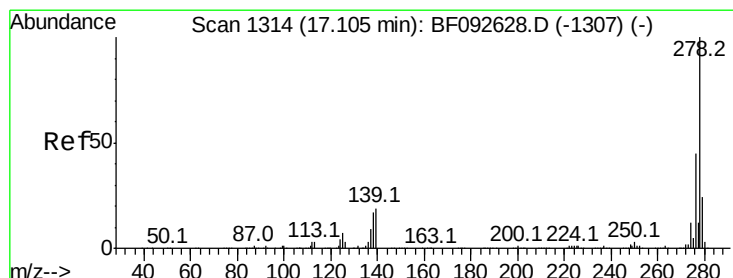
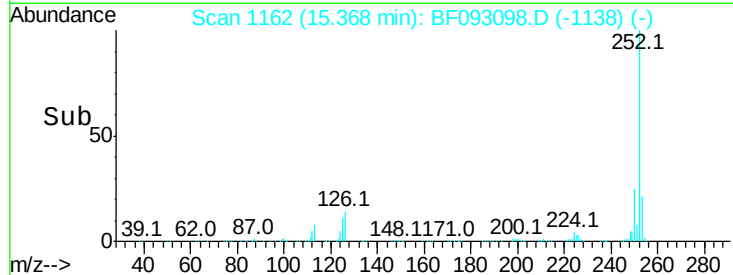
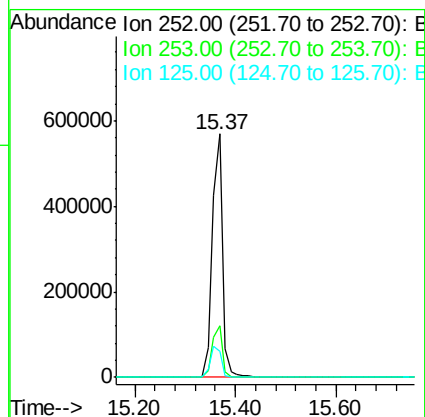
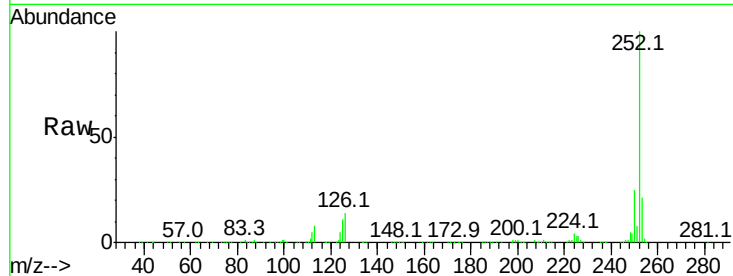
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	10.6	10.0	15.0

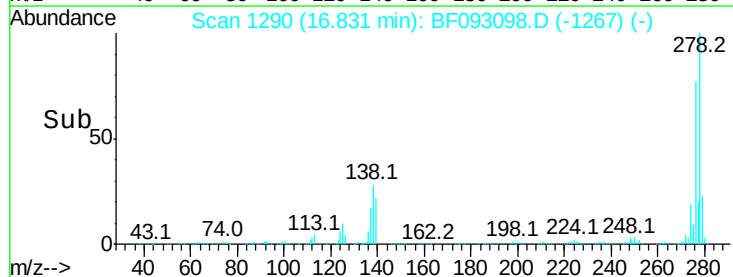
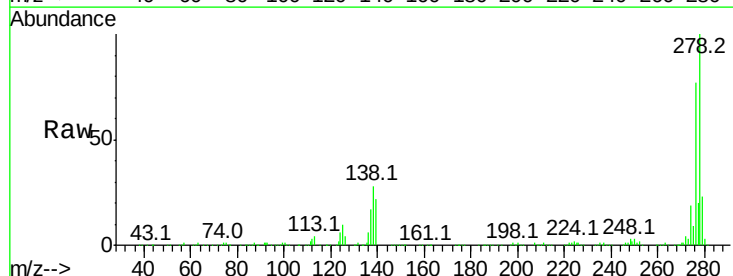
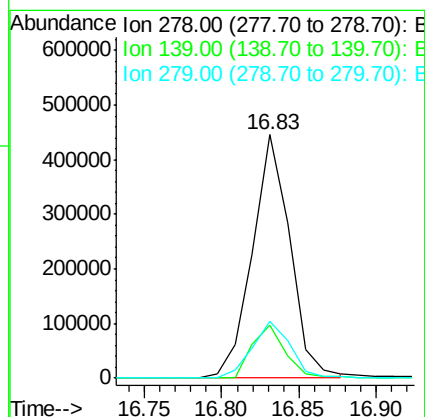
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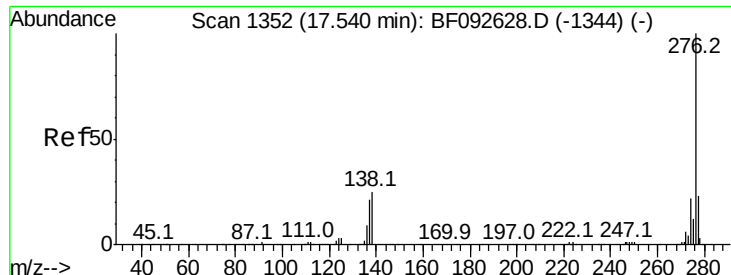
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 46.90 ng m
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	23.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.81 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	19.2	28.8
138	28.7	16.0	24.0

Manual Integrations
 APPROVED

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