

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092318.D
 Acq On : 17 Jan 2017 16:10
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 1/18/2017 5:11:22 PM

Quant Time: Jan 18 00:08:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	166091m	20.00	ng	-0.09
21) Naphthalene-d8	7.84	136	741679	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	445163	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	708027	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	463212	20.00	ng	-0.09
86) Perylene-d12	15.05	264	416895	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	846568	85.11	ng	-0.10
7) Phenol-d6	6.22	99	948109	78.07	ng	-0.09
23) Nitrobenzene-d5	7.14	82	952158	71.39	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	285071	77.38	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	1756754	80.12	ng	-0.09
78) Terphenyl-d14	12.64	244	1594958	83.51	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	229136	46.79	ng	95
3) Pyridine	2.56	79	619735	36.26	ng	96
4) n-Nitrosodimethylamine	2.53	42	222843	34.56	ng	98
6) Aniline	6.22	93	625681m	39.67	ng	
8) 2-Chlorophenol	6.35	128	450231	39.79	ng	88
9) Benzaldehyde	6.10	77	280478	40.75	ng	94
10) Phenol	6.23	94	605073	43.72	ng	# 75
11) bis(2-Chloroethyl)ether	6.30	93	448464	40.73	ng	97
12) 1,3-Dichlorobenzene	6.50	146	472119m	39.09	ng	
13) 1,4-Dichlorobenzene	6.58	146	470826m	38.30	ng	
14) 1,2-Dichlorobenzene	6.72	146	430460	40.35	ng	99
15) Benzyl Alcohol	6.71	79	355016	37.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	660057	40.25	ng	53
17) 2-Methylphenol	6.85	107	346460m	38.07	ng	
18) Hexachloroethane	7.07	117	180214	39.54	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	320661	39.69	ng	96
20) 3+4-Methylphenols	7.00	107	491291	45.26	ng	# 70
22) Acetophenone	6.98	105	645283	35.27	ng	# 94
24) Nitrobenzene	7.15	77	477746	33.63	ng	98
25) Isophorone	7.40	82	833426	33.87	ng	98
26) 2-Nitrophenol	7.47	139	248080	35.41	ng	95
27) 2,4-Dimethylphenol	7.52	122	384695	33.11	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	498684	33.42	ng	99
29) 2,4-Dichlorophenol	7.72	162	371279	37.73	ng	91
30) 1,2,4-Trichlorobenzene	7.79	180	379807	35.23	ng	95
31) Naphthalene	7.87	128	1424979	41.98	ng	99
32) Benzoic acid	7.68	122	264850	30.73	ng	99
33) 4-Chloroaniline	7.92	127	590198	38.56	ng	99
34) Hexachlorobutadiene	7.98	225	234943	41.28	ng	99
35) Caprolactam	8.30	113	135884	42.03	ng	# 58
36) 4-Chloro-3-methylphenol	8.43	107	477869	42.21	ng	99
37) 2-Methylnaphthalene	8.55	142	968403	48.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	439795	39.10	ng	99
40) Hexachlorocyclopentadiene	8.71	237	193955	40.77	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	282148	35.87	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	280651	34.67	nq #	89
45) 1,1'-Biphenyl	9.02	154	1292016	42.39	nq	98
46) 2-Chloronaphthalene	9.04	162	965983	40.02	nq	99
47) 2-Nitroaniline	9.15	65	296075	34.45	nq	100
48) Acenaphthylene	9.46	152	1414704	38.11	nq	98
49) Dimethylphthalate	9.33	163	1047765	36.80	nq	98
50) 2,6-Dinitrotoluene	9.40	165	259329	41.61	nq #	87
51) Acenaphthene	9.63	154	947482	37.65	nq	99
52) 3-Nitroaniline	9.56	138	284842	36.93	nq	98
53) 2,4-Dinitrophenol	9.68	184	131313	37.87	nq #	89
54) Dibenzofuran	9.80	168	1214034	35.72	nq	94
55) 4-Nitrophenol	9.75	139	178124m	34.02	nq	
56) 2,4-Dinitrotoluene	9.80	165	279694	35.76	nq #	83
57) Fluorene	10.14	166	968964	39.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	238691	37.28	nq	96
59) Diethylphthalate	10.03	149	1043416	37.74	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	392477	36.25	nq	98
61) 4-Nitroaniline	10.18	138	299710	37.50	nq	93
62) Azobenzene	10.29	77	1148488	37.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.21	198	191149	44.65	nq	73
65) n-Nitrosodiphenylamine	10.26	169	855289	40.71	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	299558	40.67	nq #	83
67) Hexachlorobenzene	10.68	284	291191	36.99	nq #	79
68) Atrazine	10.79	200	242878	35.84	nq	94
69) Pentachlorophenol	10.88	266	132535	34.31	nq	97
70) Phenanthrene	11.09	178	1466963	38.21	nq	99
71) Anthracene	11.14	178	1447992	41.39	nq	99
72) Carbazole	11.31	167	1433155	45.60	nq	98
73) Di-n-butylphthalate	11.64	149	1622350	44.56	nq	99
74) Fluoranthene	12.27	202	1360028	39.95	nq	99
76) Benzidine	12.40	184	699887	65.81	nq	98
77) Pyrene	12.50	202	1480579	43.56	nq	100
79) Butylbenzylphthalate	13.13	149	644275	41.68	nq	96
80) Benzo(a)anthracene	13.69	228	1129692	43.21	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	402740	40.62	nq	98
82) Chrysene	13.72	228	1114177	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	861684	47.34	nq #	96
84) Di-n-octyl phthalate	14.30	149	1432531	42.48	nq	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	863282	37.99	nq	96
87) Benzo(b)fluoranthene	14.68	252	924553m	35.62	nq	
88) Benzo(k)fluoranthene	14.70	252	933789m	42.19	nq	
89) Benzo(a)pyrene	14.99	252	869716	37.75	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	736274	38.88	nq	97
91) Benzo(g,h,i)perylene	16.62	276	778004	39.51	nq #	92

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

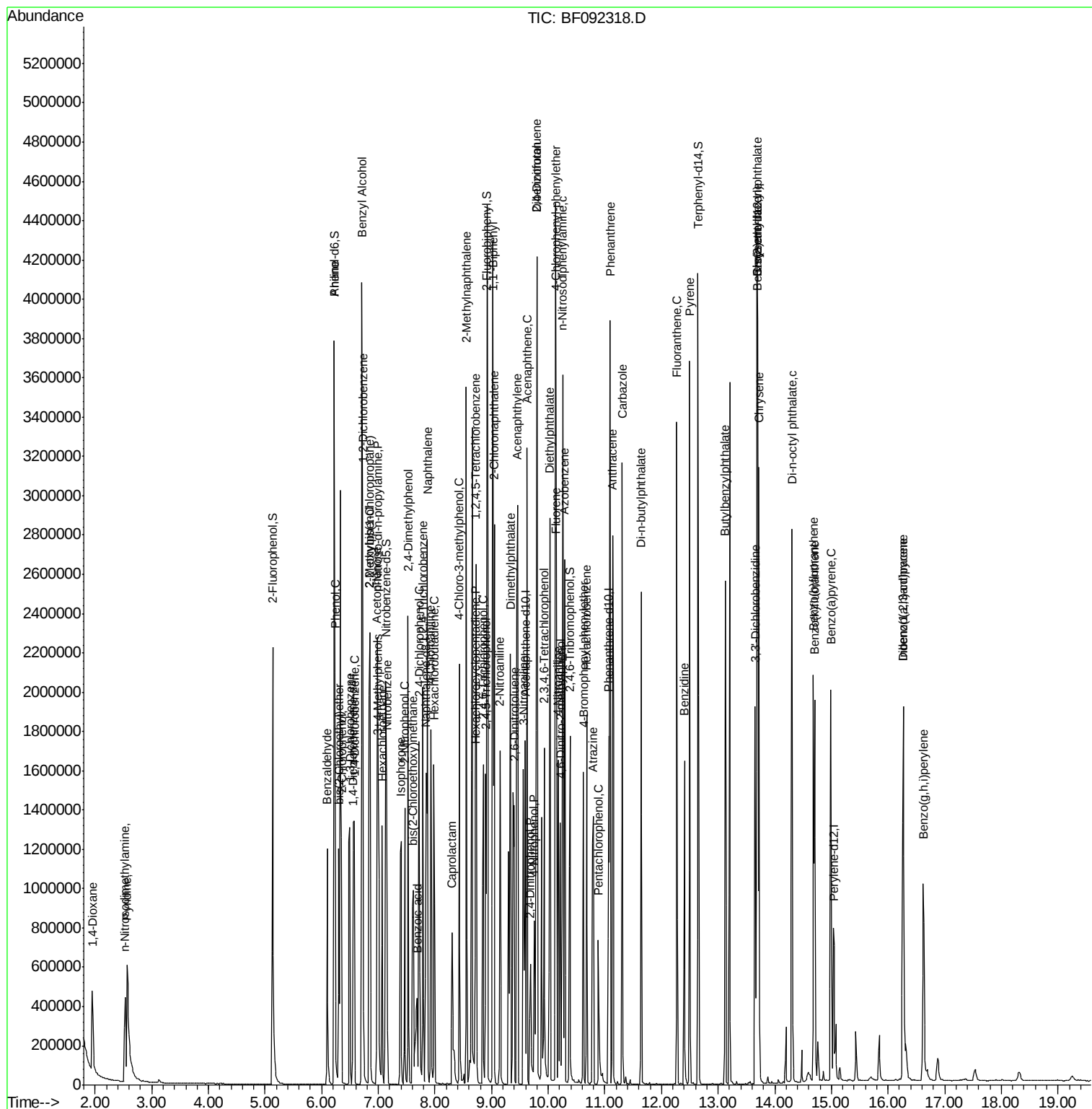
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
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Sample : SSTCCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

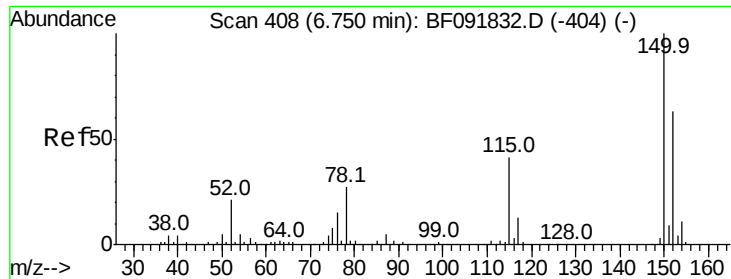
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.55 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

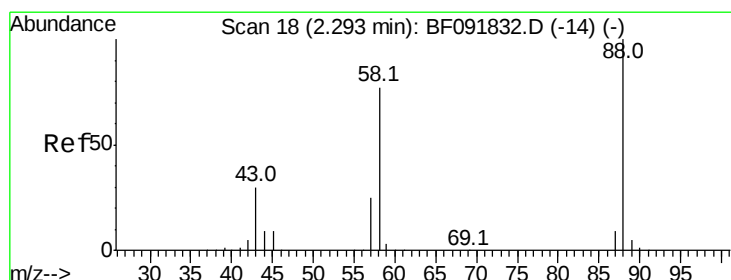
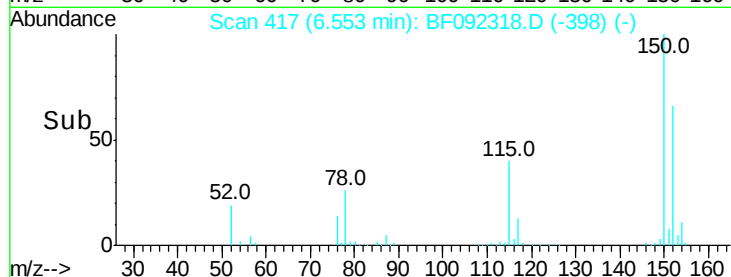
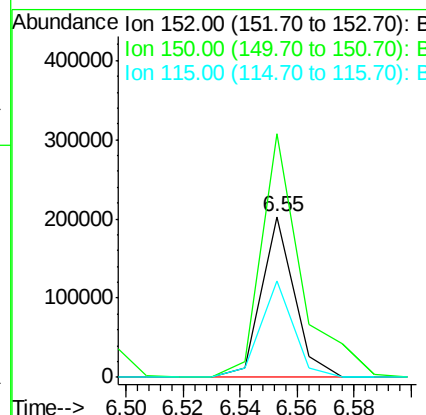
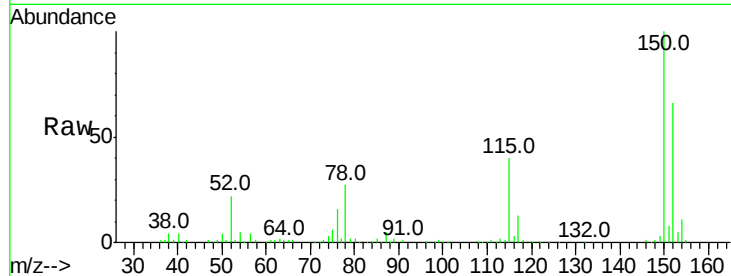
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	166091
Ion Ratio	Lower	Upper	
152	100		
150	151.7	124.9	187.3
115	60.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 46.79 ng/mL

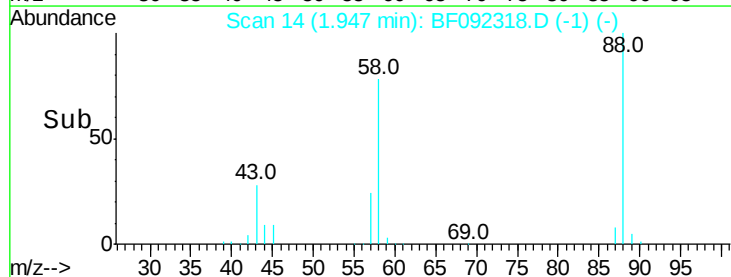
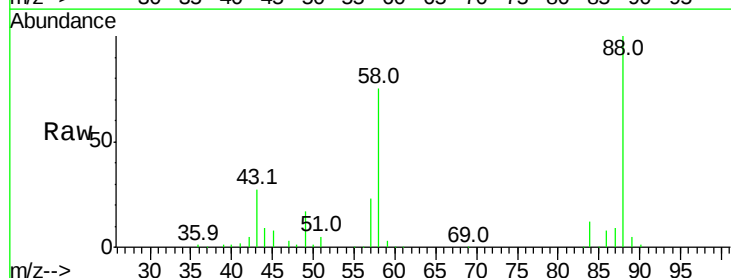
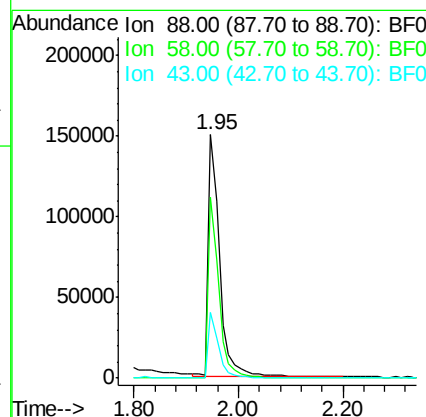
RT: 1.95 min Scan# 14

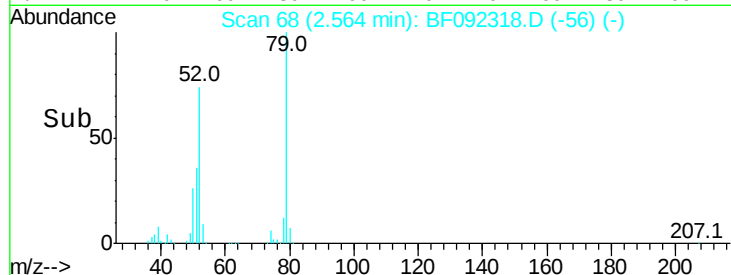
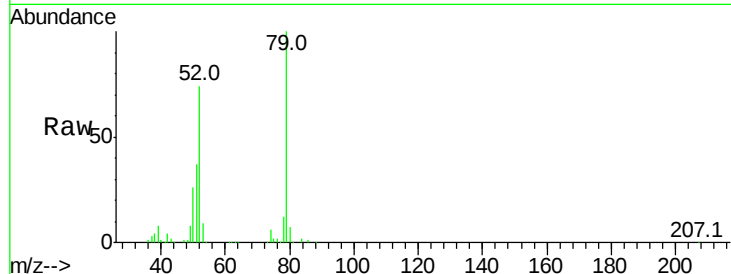
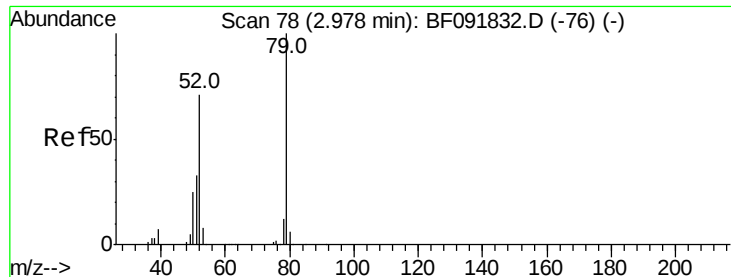
Delta R.T. -0.13 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion:	88	Resp:	229136
Ion Ratio	Lower	Upper	
88	100		
58	68.8	57.8	86.8
43	24.7	22.3	33.5





#3

Pvridine

Concen: 36.26 ng

RT: 2.56 min Scan# 68

Delta R.T. -0.17 min

Lab File: BF092318.D

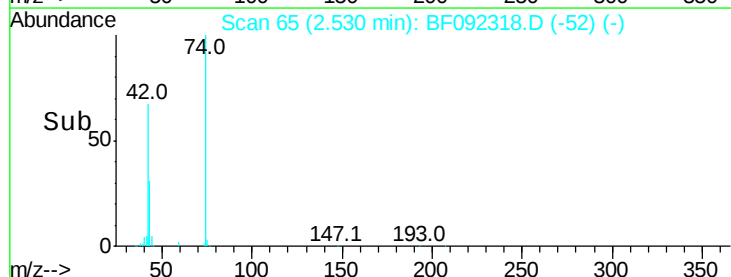
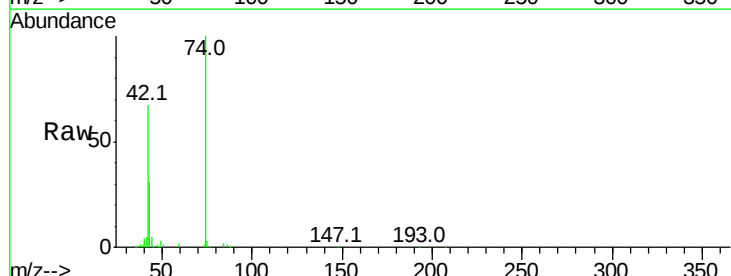
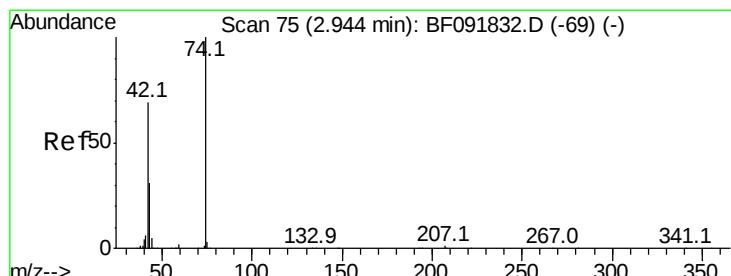
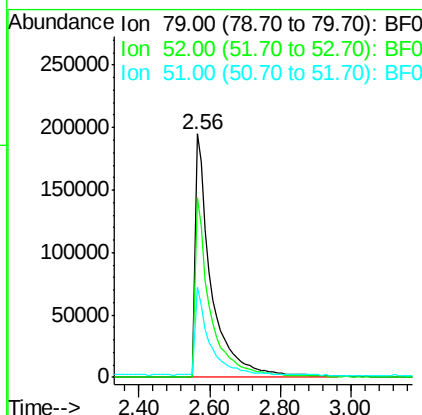
Acq: 17 Jan 2017 16:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.8	57.1	85.7
51	36.8	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.56 ng

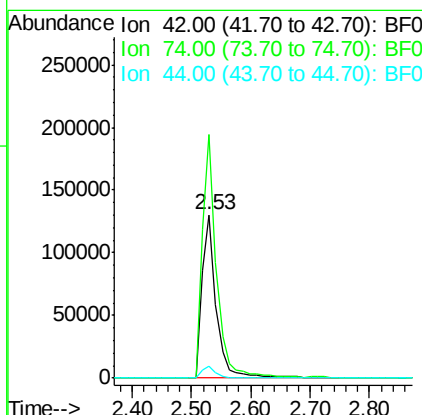
RT: 2.53 min Scan# 65

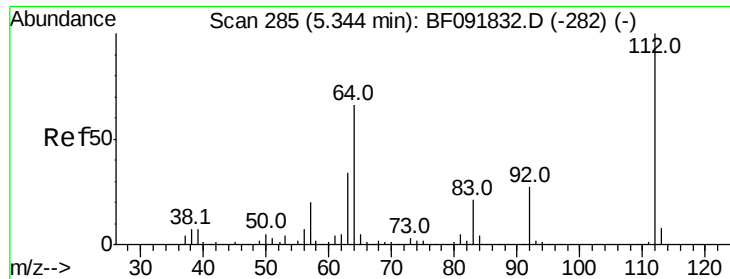
Delta R.T. -0.16 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.2	117.0	175.4
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 85.11 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

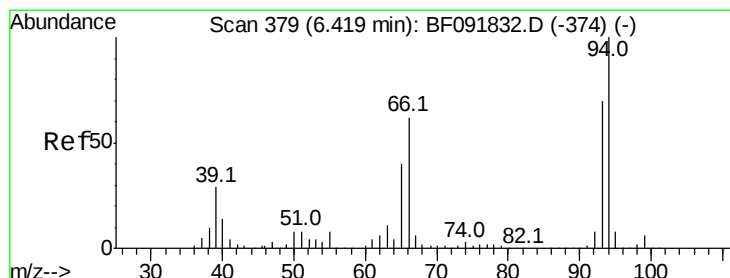
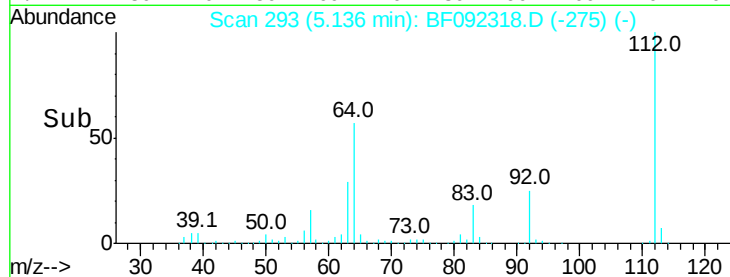
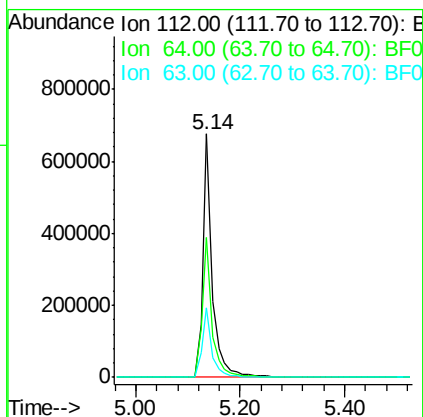
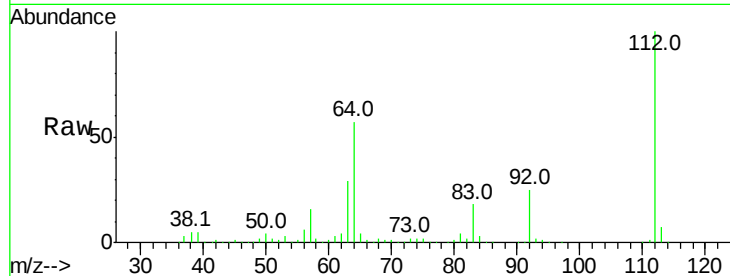
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	846568
Ion Ratio	Lower	Upper	
112	100		
64	57.4	46.1	69.1
63	28.8	23.8	35.6

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#6

Aniline

Concen: 39.67 ng m

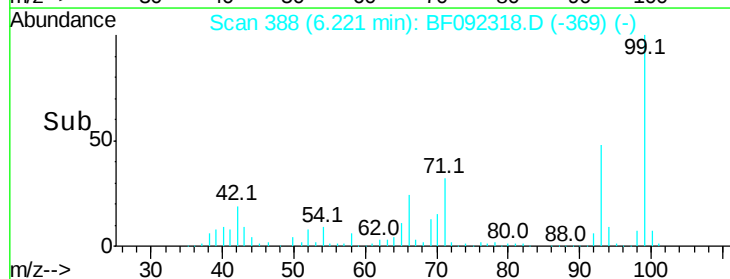
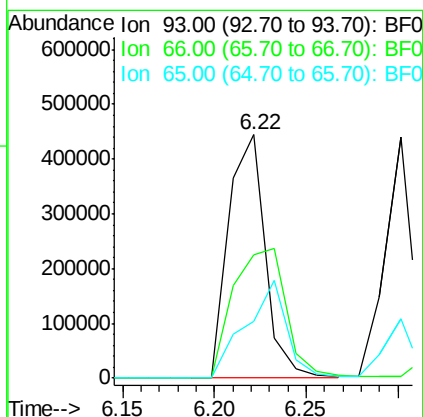
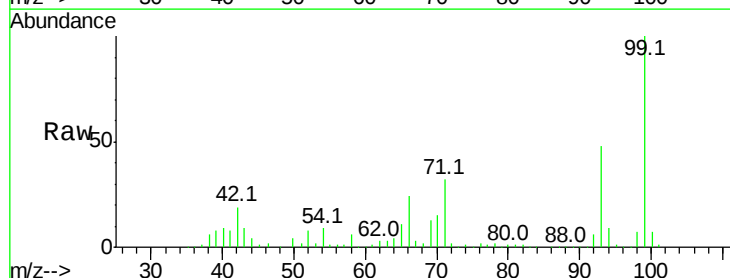
RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion:	93	Resp:	625681
Ion Ratio	Lower	Upper	
93	100		
66	50.7	76.2	114.2#
65	23.5	49.3	73.9#





#7

Phenol-d6

Concen: 78.07 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

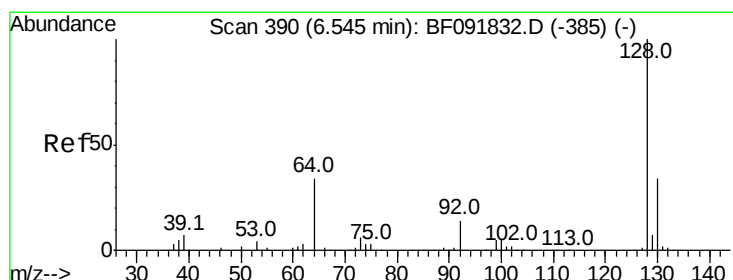
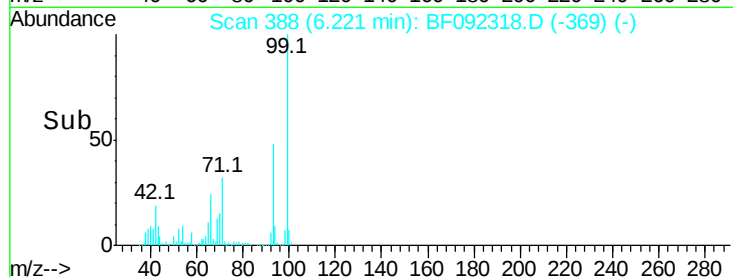
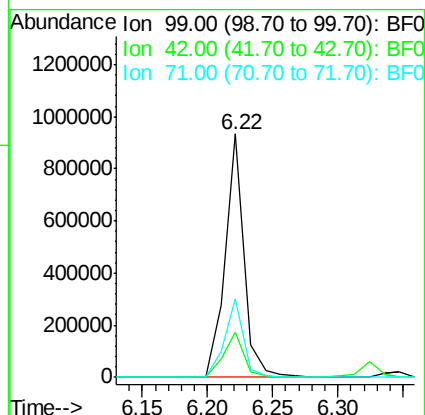
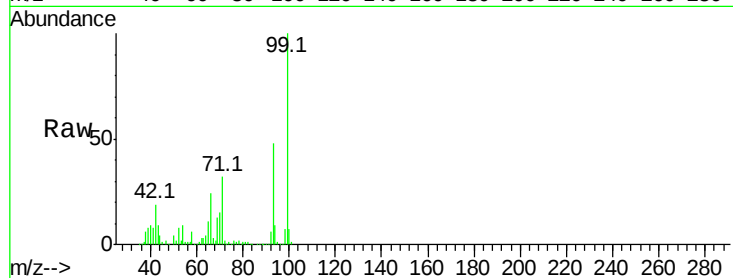
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	948109
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.6	23.4
71	32.4	27.5	41.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.79 ng

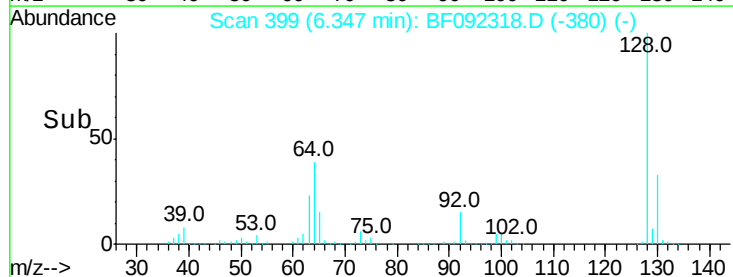
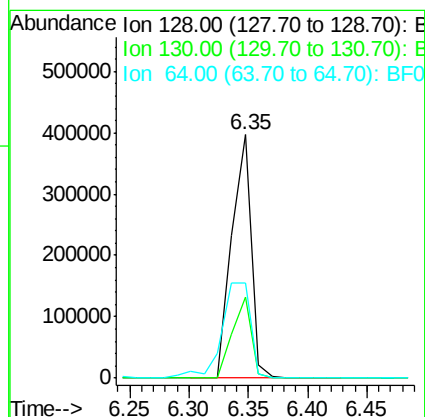
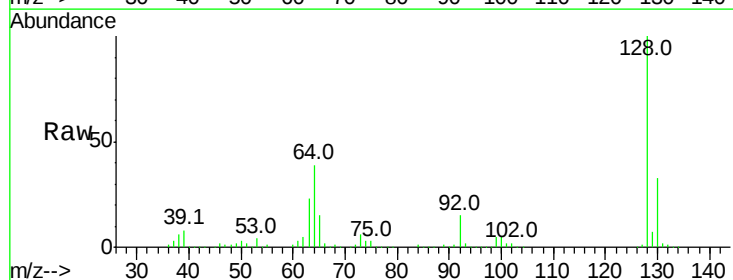
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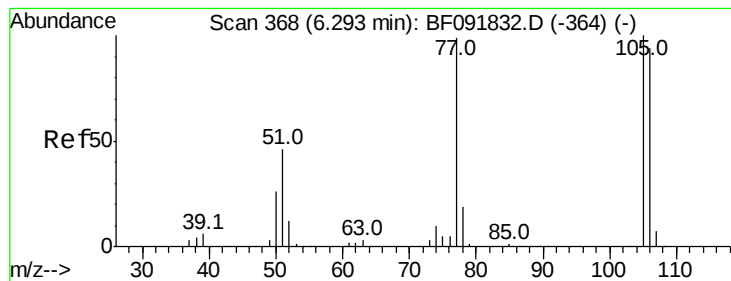
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion:	128	Resp:	450231
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	39.0	32.2	72.2





#9

Benzaldehyde

Concen: 40.75 ng

RT: 6.10 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 280478

Ion Ratio Lower Upper

77 100

105 96.8 83.9 123.9

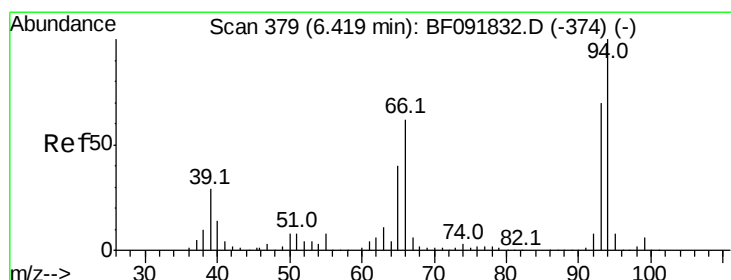
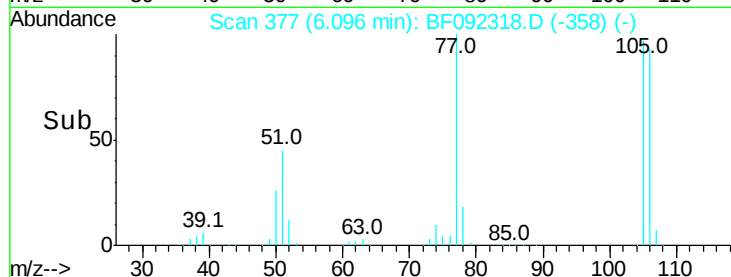
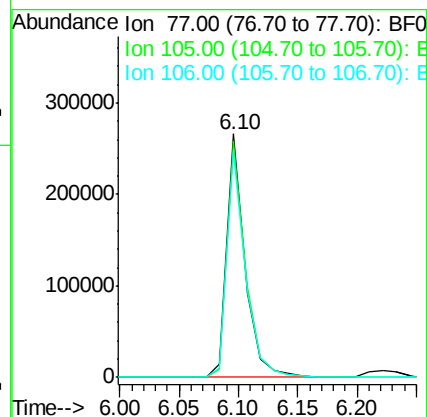
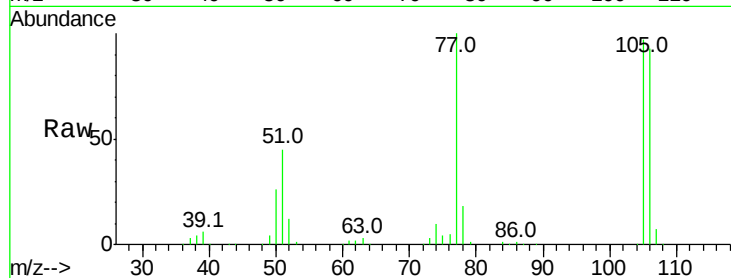
106 92.7 77.6 117.6

Manual Integrations

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#10

Phenol

Concen: 43.72 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

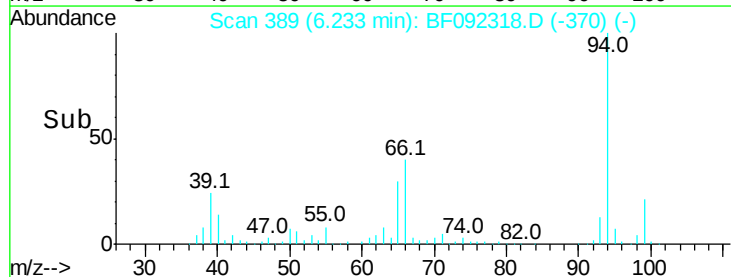
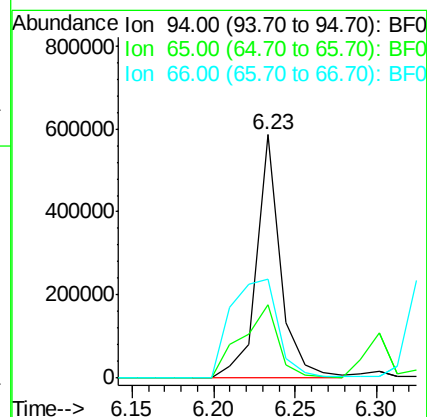
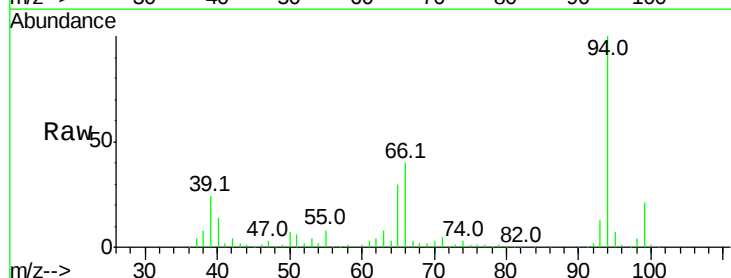
Tgt Ion: 94 Resp: 605073

Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

66 40.4 44.0 84.0#





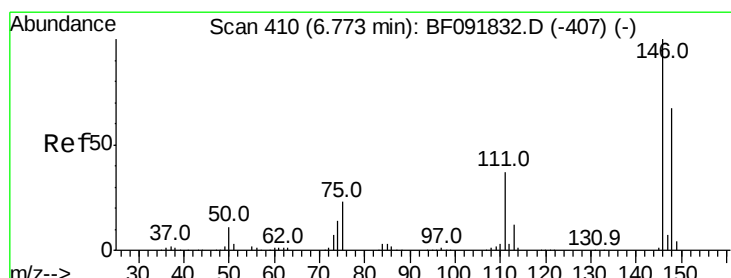
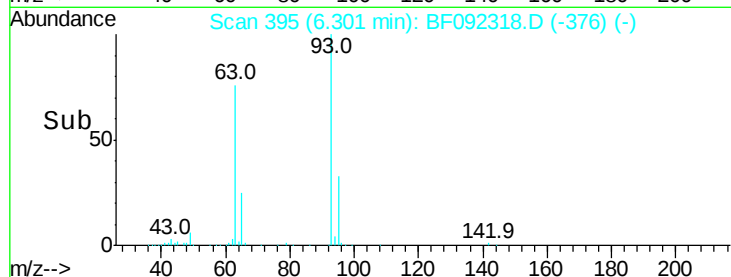
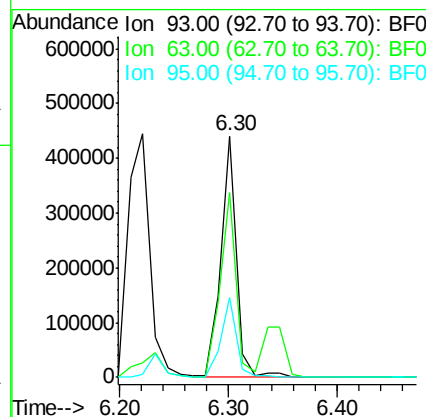
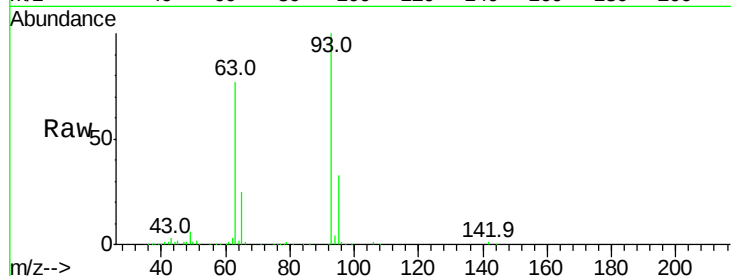
#11
bis(2-Chloroethyl)ether
Concen: 40.73 ng
RT: 6.30 min Scan# 395
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	60.4	100.4
95	33.1	12.8	52.8

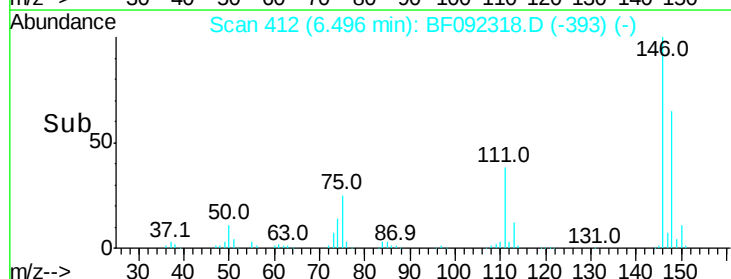
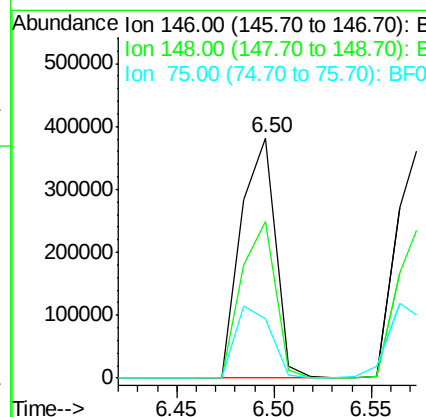
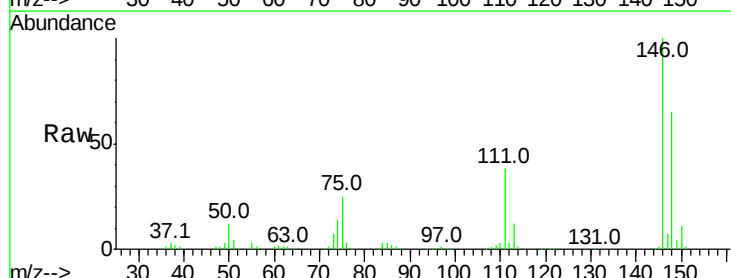
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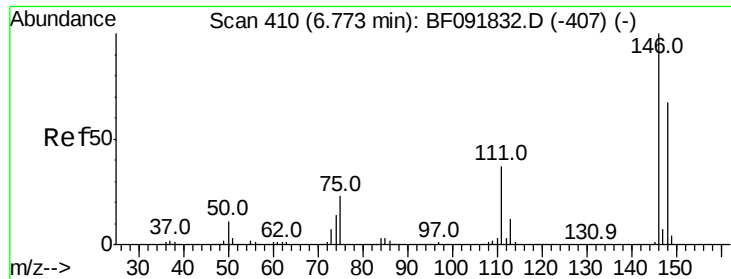
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.09 ng m
RT: 6.50 min Scan# 412
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.4	80.0
75	24.7	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 38.30 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

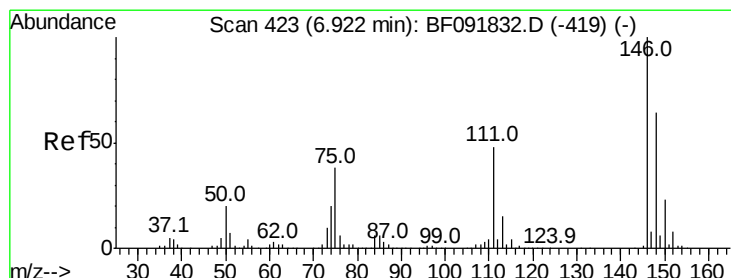
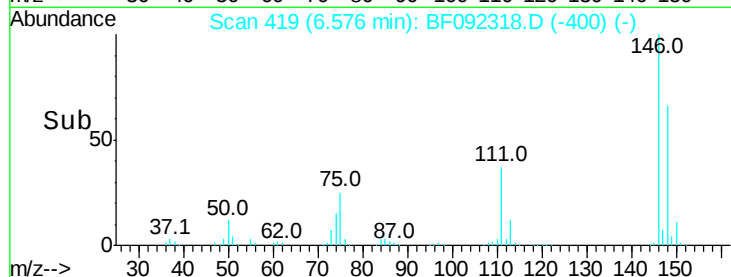
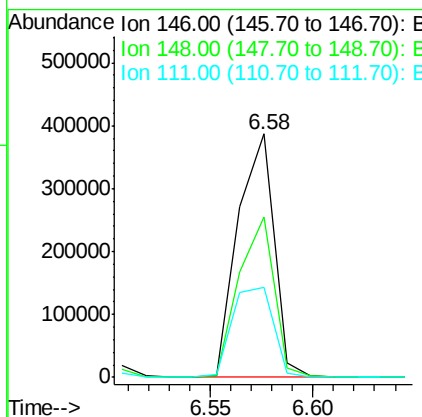
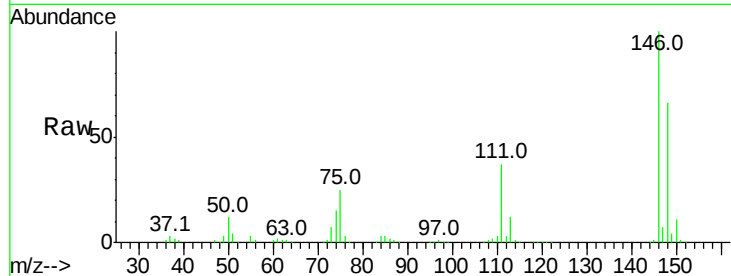
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	470826
Ion Ratio	Lower	Upper	
146	100		
148	66.1	50.6	76.0
111	37.0	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 40.35 ng

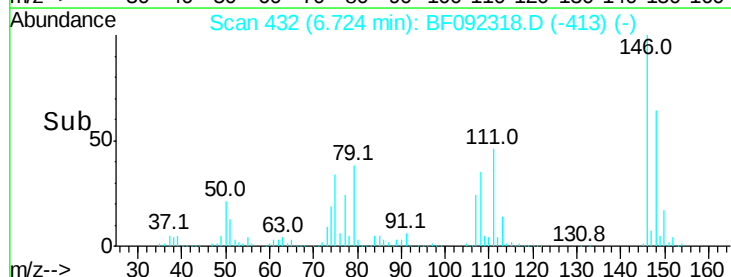
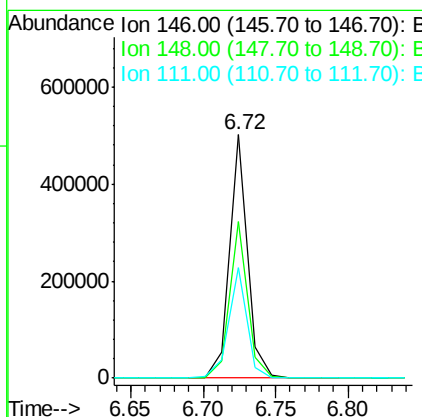
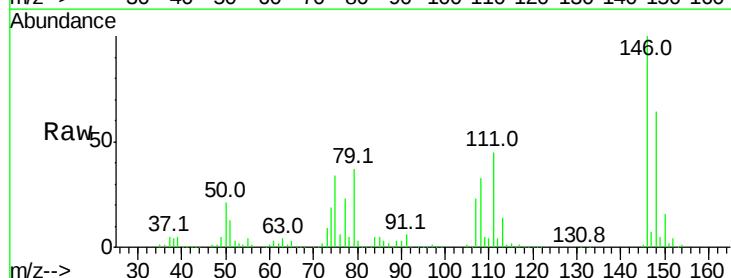
RT: 6.72 min Scan# 432

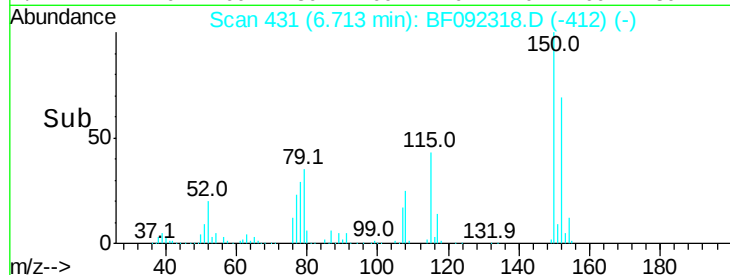
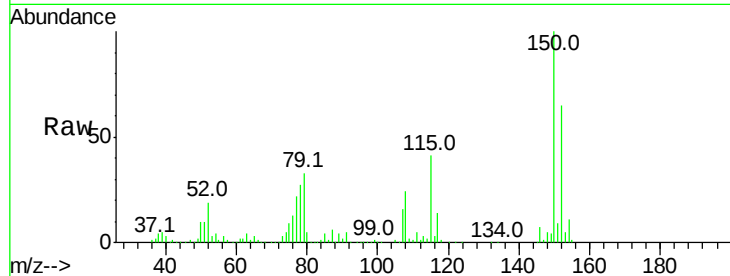
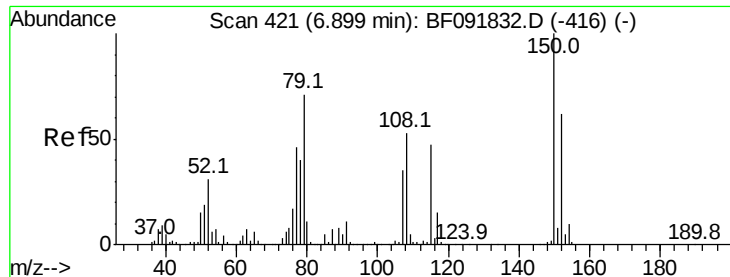
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion:	146	Resp:	430460
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	45.2	36.2	54.2





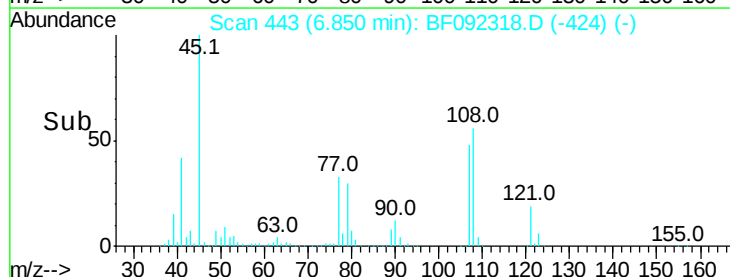
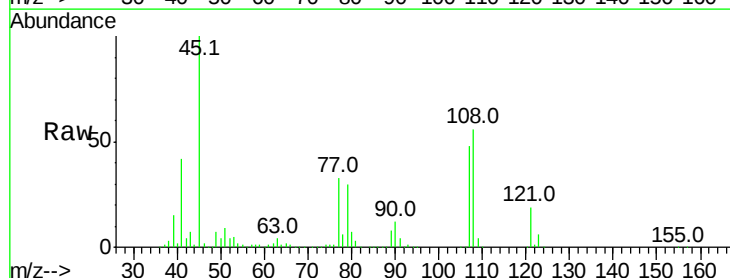
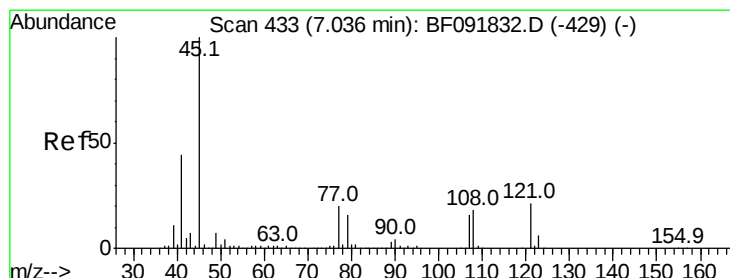
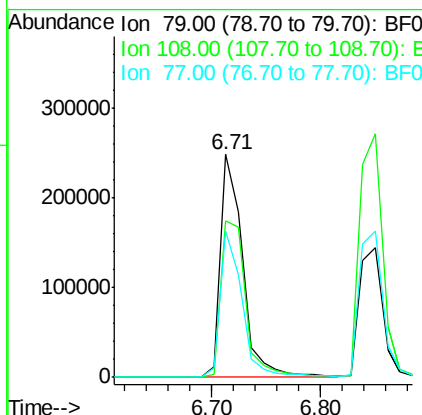
#15
Benzyl Alcohol
Concen: 37.62 ng
RT: 6.71 min Scan# 431
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	70.5	61.4	92.0	
77	65.8	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

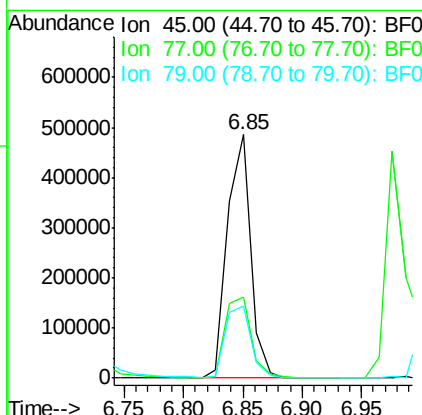
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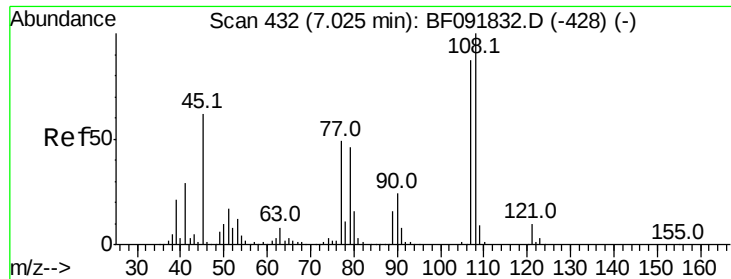
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.25 ng
RT: 6.85 min Scan# 443
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	33.4	0.0	34.6	
79	29.7	0.0	31.2	





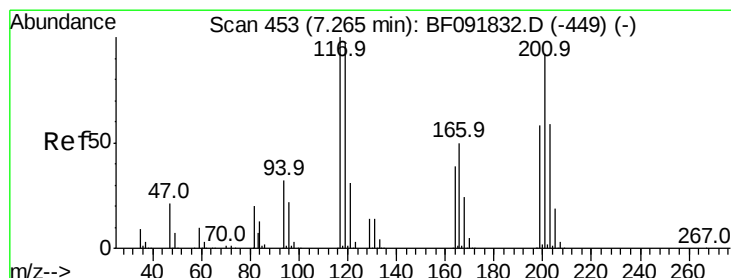
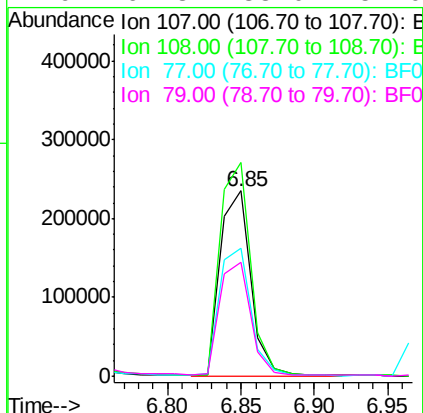
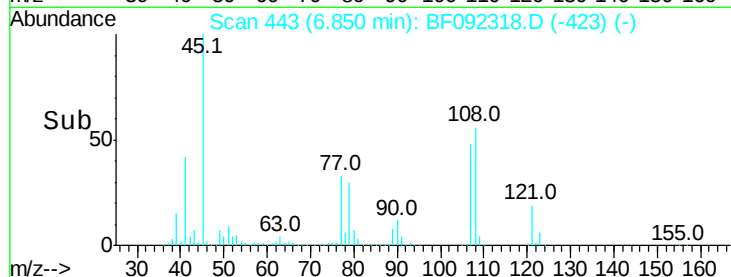
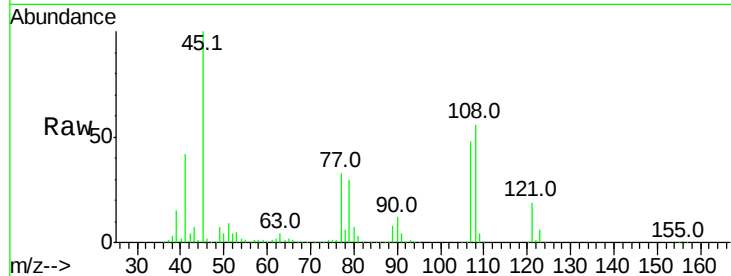
#17
2-Methylphenol
Concen: 38.07 ng/ml
RT: 6.85 min Scan# 443
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	93.0	139.6	
77	69.1	39.8	59.8	
79	61.3	38.0	57.0	

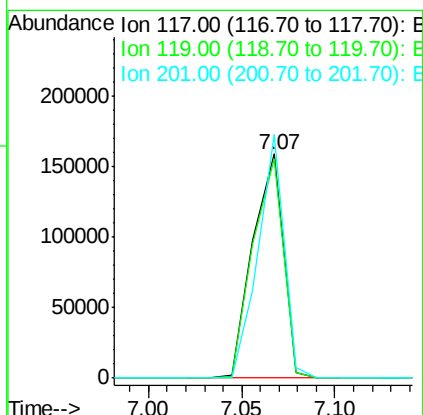
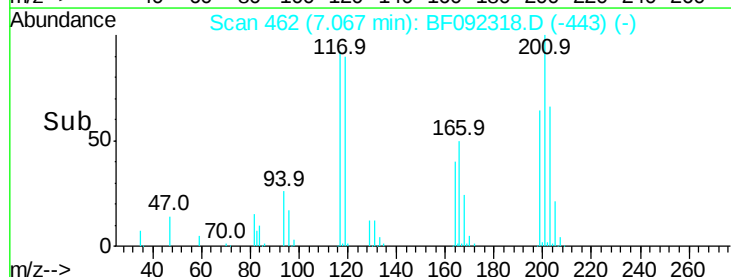
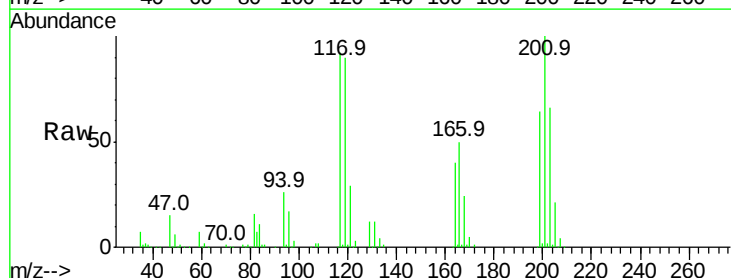
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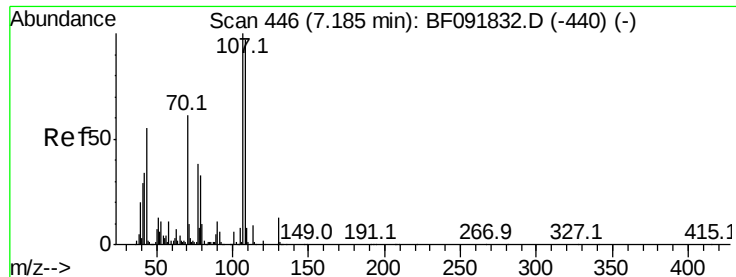
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#18
Hexachloroethane
Concen: 39.54 ng/ml
RT: 7.07 min Scan# 462
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.1	117.1	
201	108.6	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 39.69 ng

RT: 6.99 min Scan# 455

Delta R.T. -0.09 min

Lab File: BF092318.D

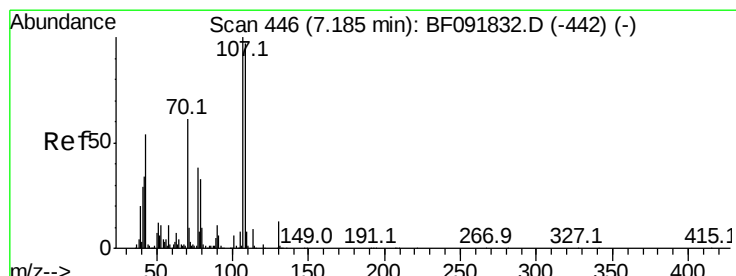
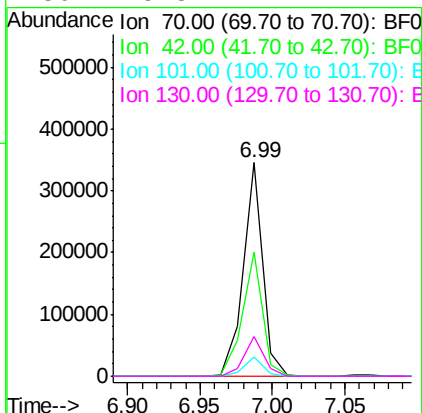
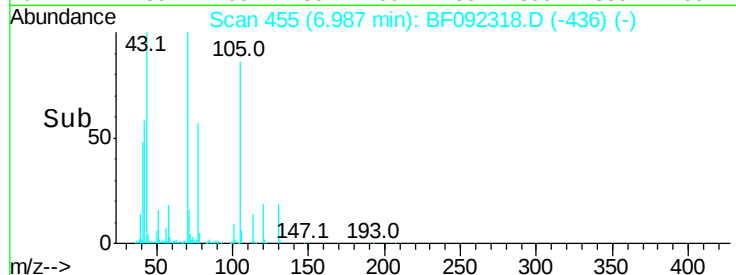
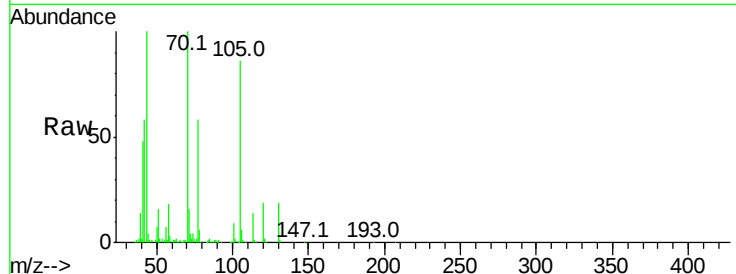
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	49.4	74.0
101	8.8	7.4	11.2
130	18.8	14.2	21.4

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#20

3+4-Methylphenols

Concen: 45.26 ng

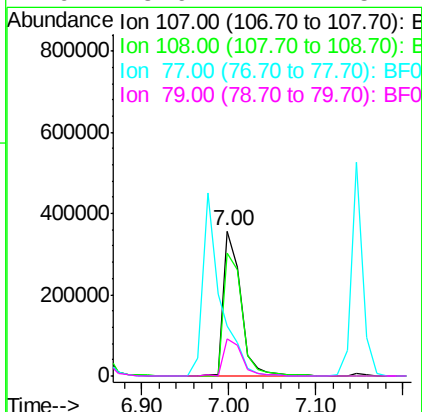
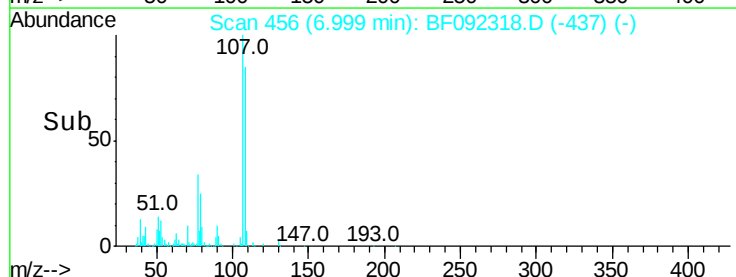
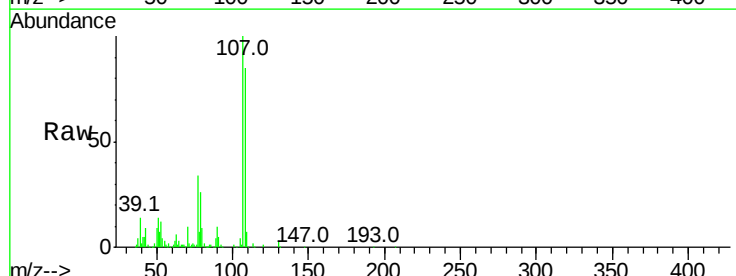
RT: 7.00 min Scan# 456

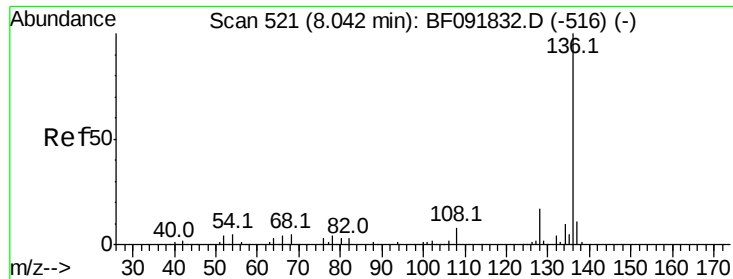
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	73.0	113.0
77	34.4	71.3	111.3#
79	25.6	11.1	51.1





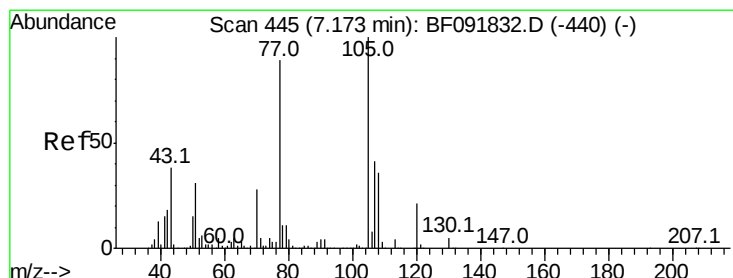
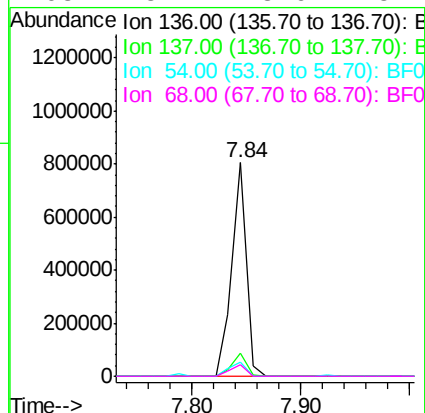
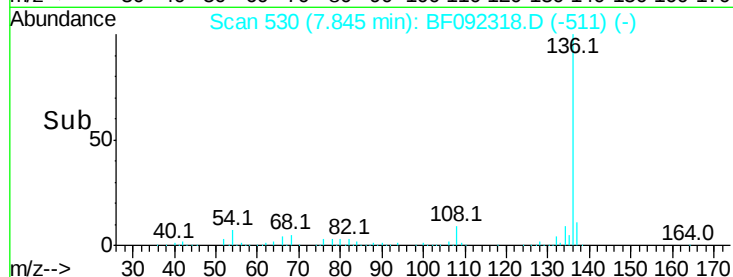
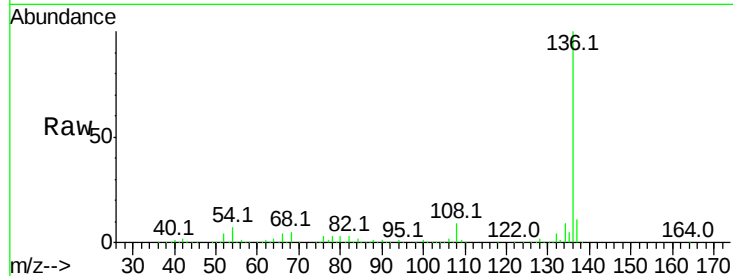
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.4	12.6		
54	6.8	4.5	6.7#		
68	5.4	3.6	5.4		

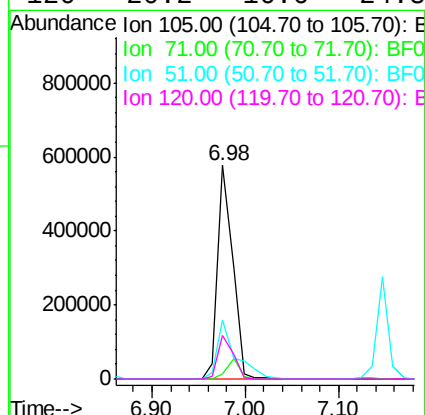
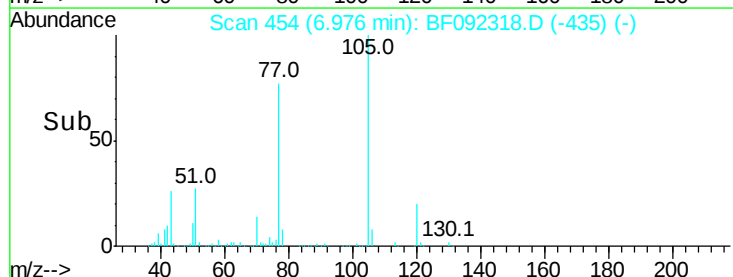
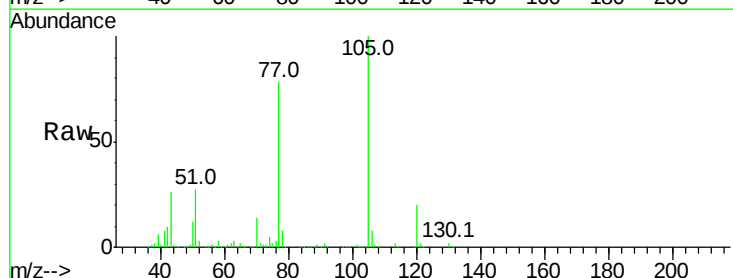
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#22
Acetophenone
Concen: 35.27 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.4	3.2	4.8#		
51	27.4	26.2	39.4		
120	20.2	16.6	24.8		





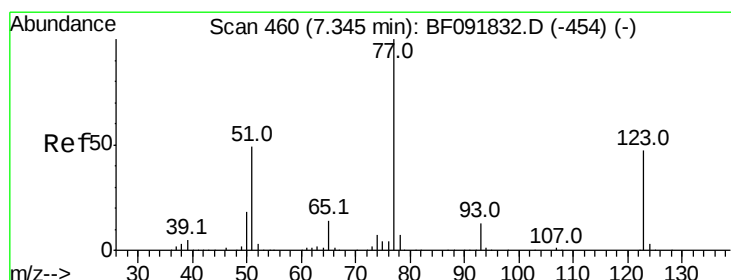
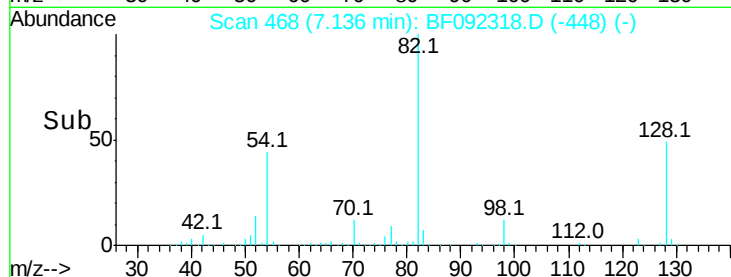
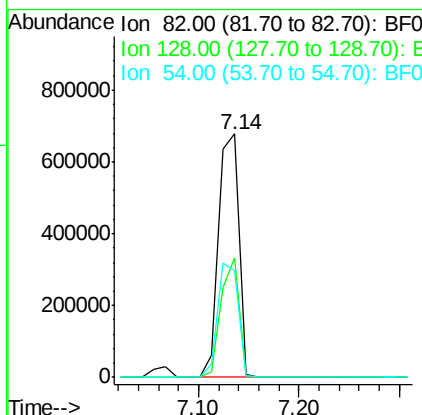
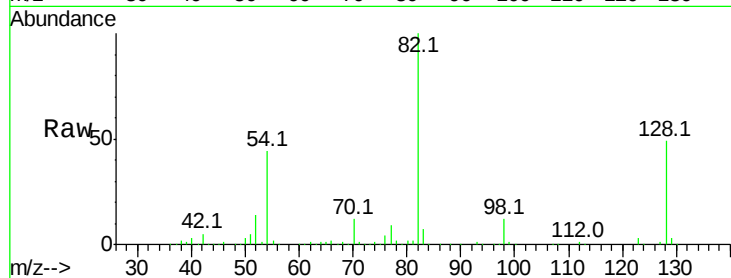
#23
Nitrobenzene-d5
Concen: 71.39 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	52.0
54	43.8	39.5	59.3

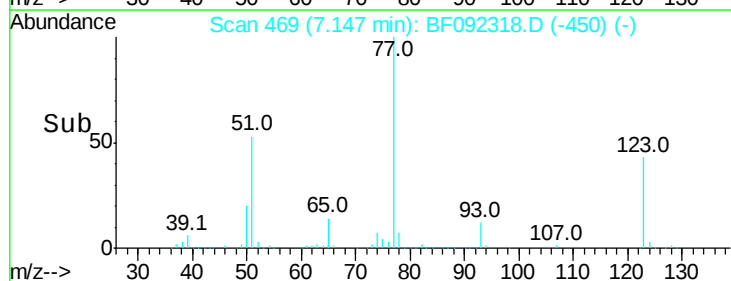
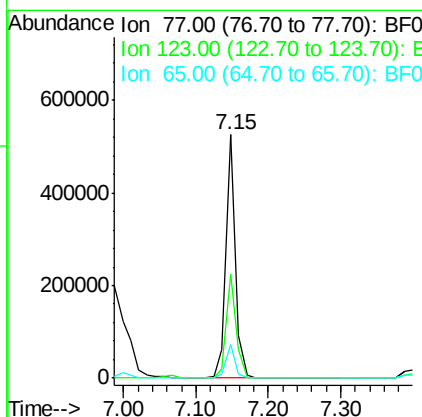
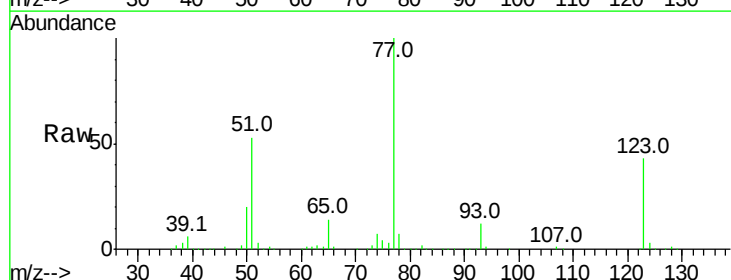
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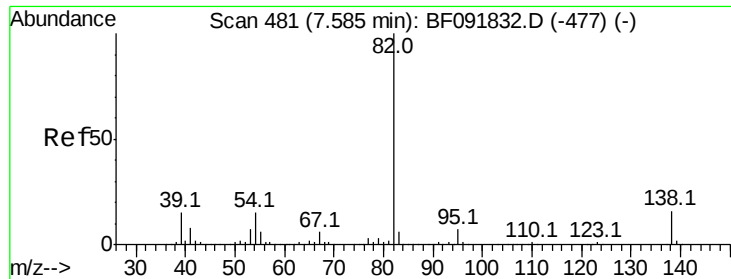
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#24
Nitrobenzene
Concen: 33.63 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 33.87 ng

RT: 7.40 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

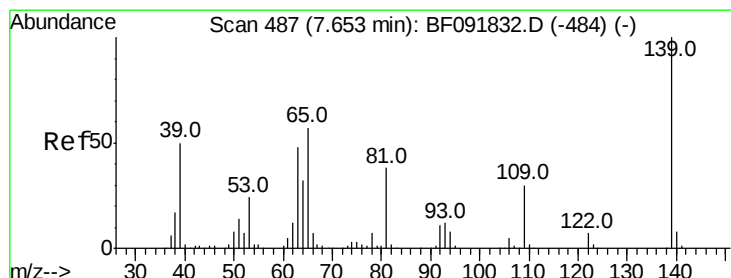
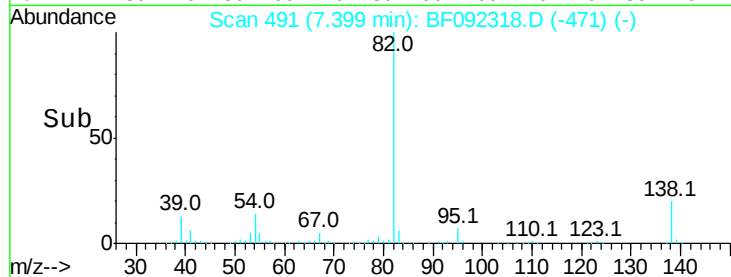
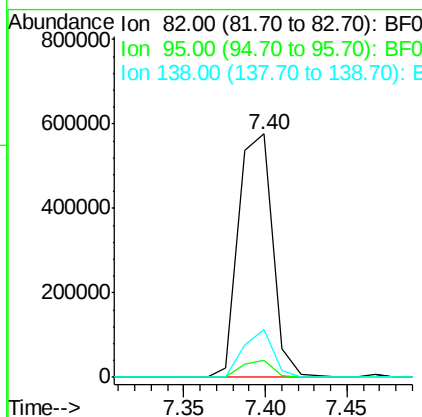
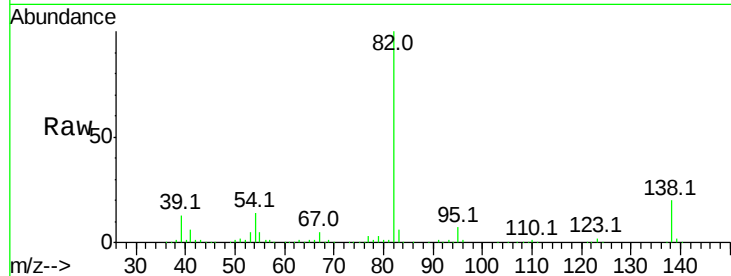
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	833426
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	19.5	14.6	22.0

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#26

2-Nitrophenol

Concen: 35.41 ng

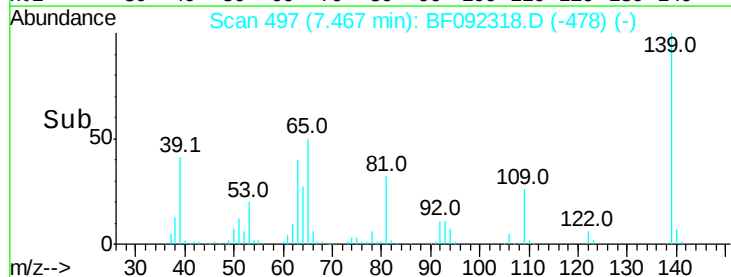
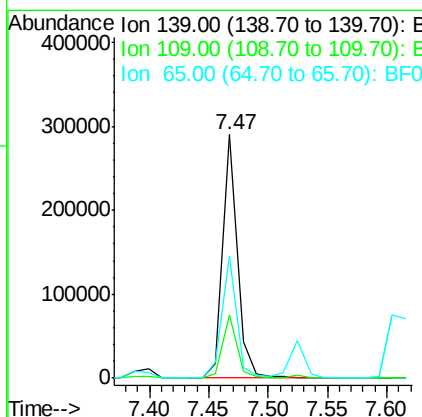
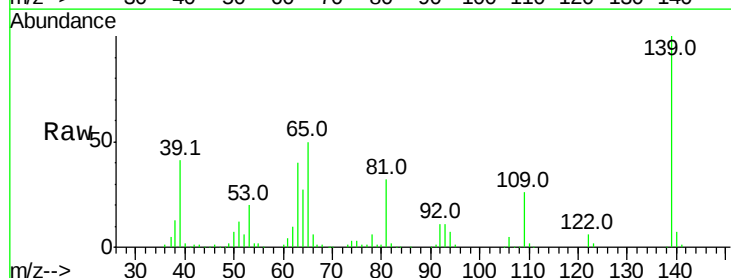
RT: 7.47 min Scan# 497

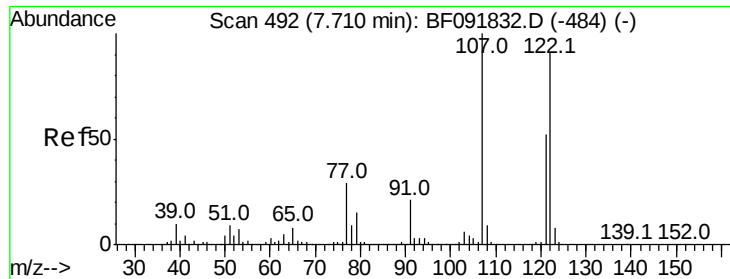
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion:	139	Resp:	248080
Ion Ratio	Lower	Upper	
139	100		
109	26.1	23.3	34.9
65	50.0	42.7	64.1





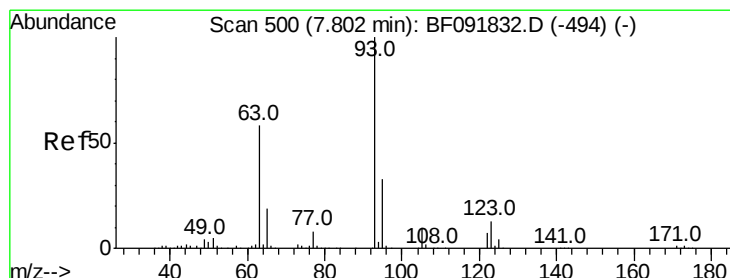
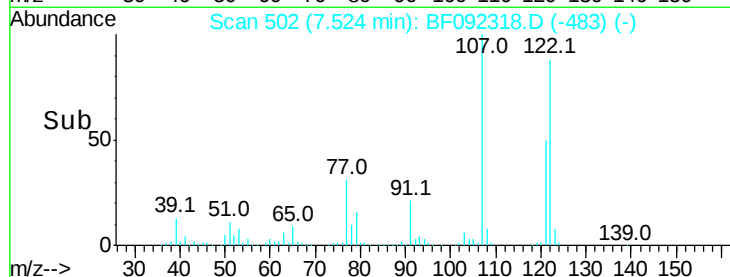
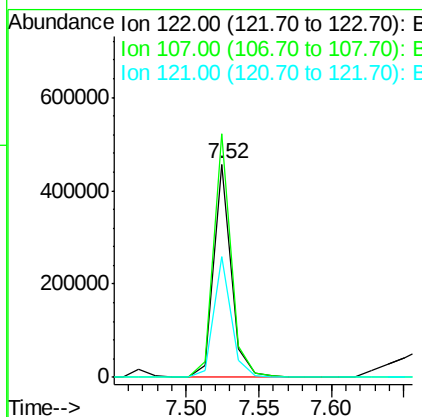
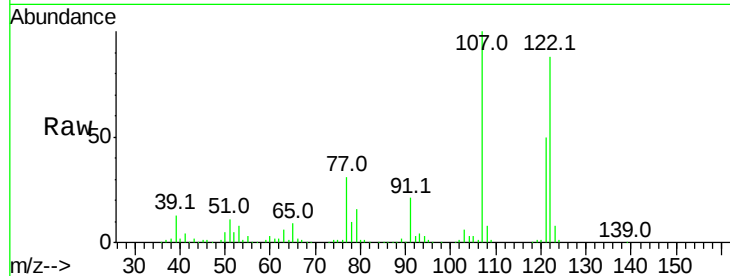
#27
2,4-Dimethylphenol
Concen: 33.11 ng
RT: 7.52 min Scan# 502
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	384695		
107	114.1	94.1	141.1	
121	56.7	46.0	69.0	

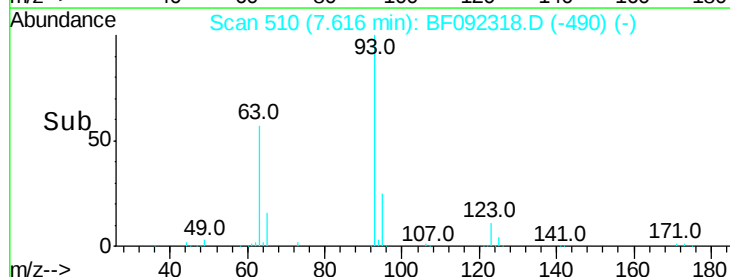
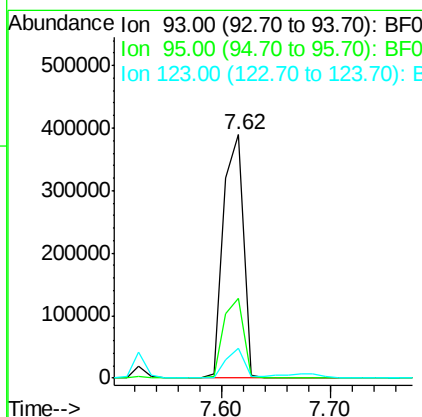
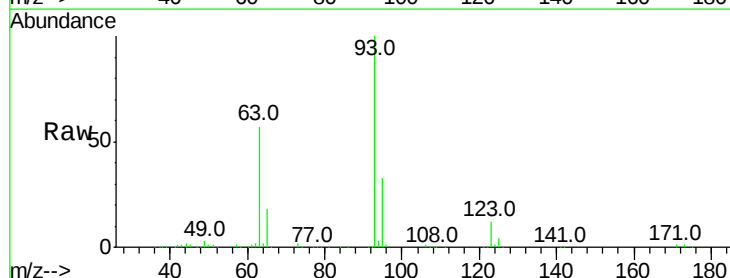
Manual Integrations
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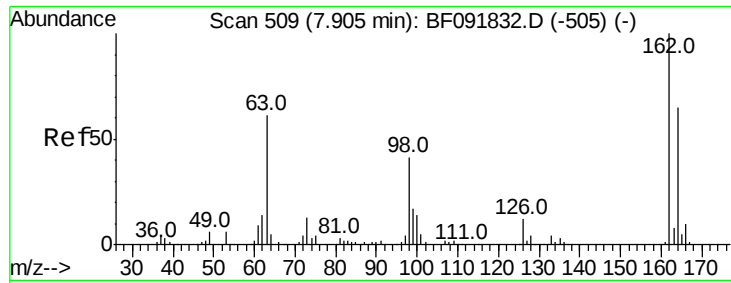
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 33.42 ng
RT: 7.62 min Scan# 510
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	498684		
95	32.8	26.5	39.7	
123	12.3	8.6	13.0	





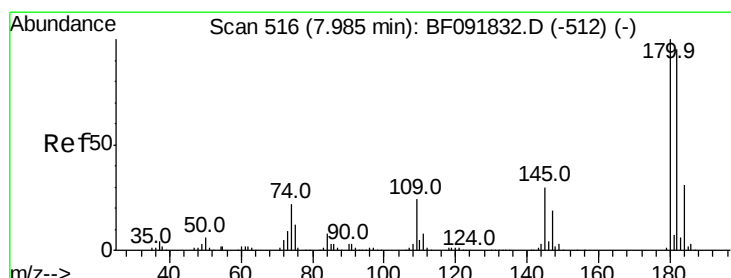
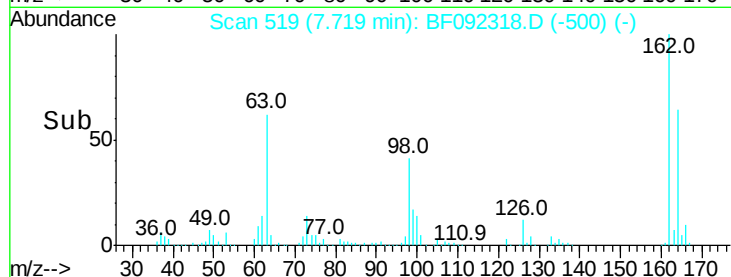
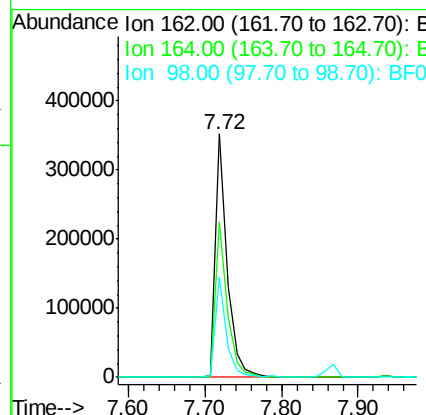
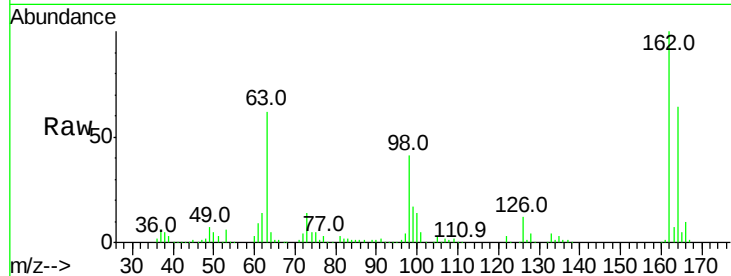
#29
 2,4-Dichlorophenol
 Concen: 37.73 ng
 RT: 7.72 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	371279		
164	64.0	46.8	86.8	
98	41.3	9.1	49.1	

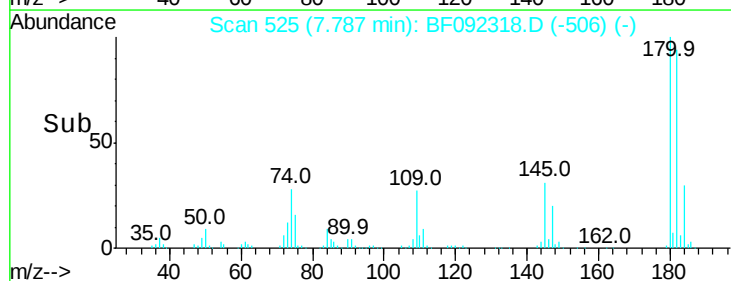
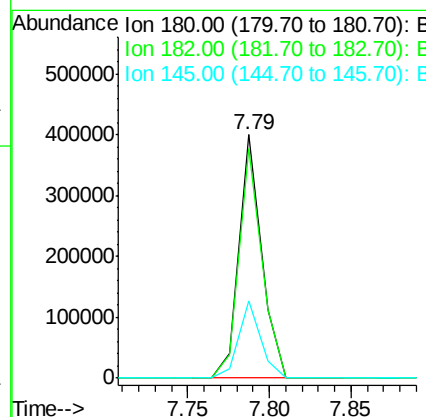
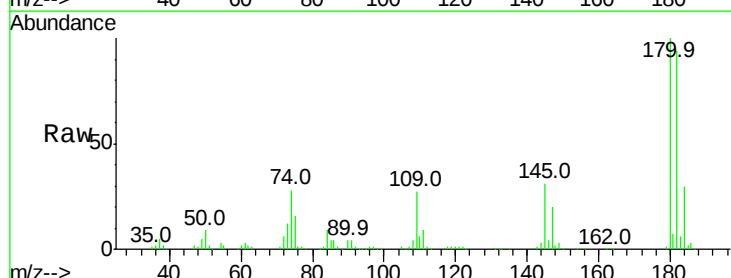
Manual Integrations
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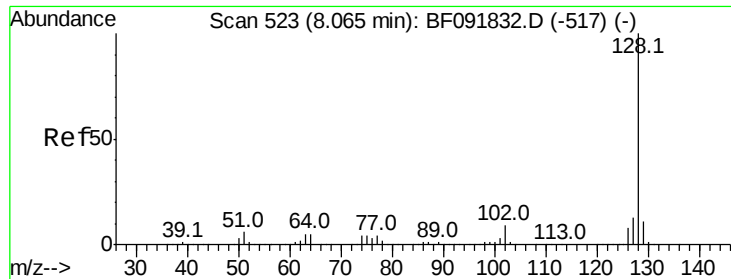
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.23 ng
 RT: 7.79 min Scan# 525
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	379807		
182	94.3	78.2	117.4	
145	31.5	21.6	32.4	





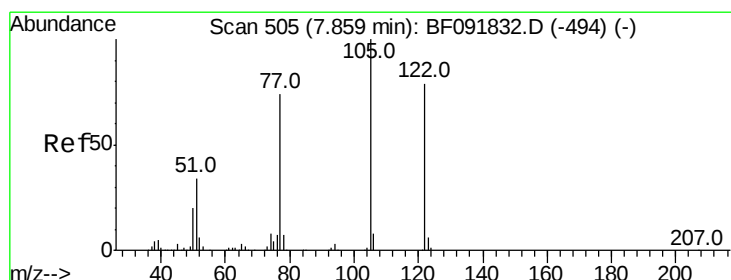
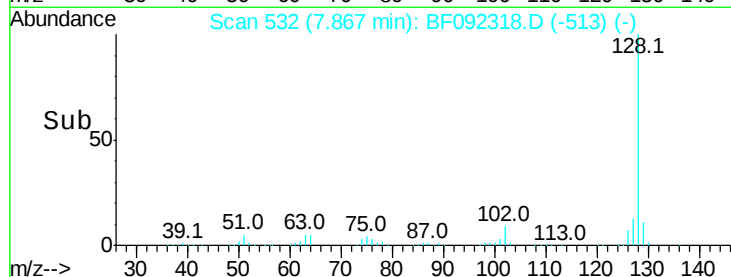
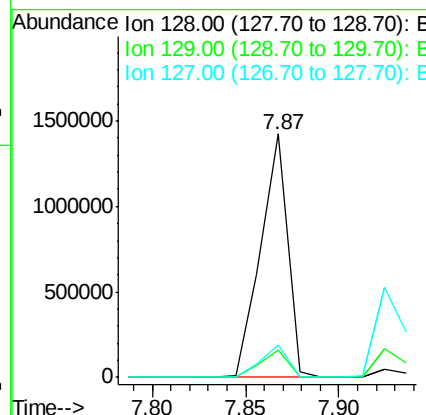
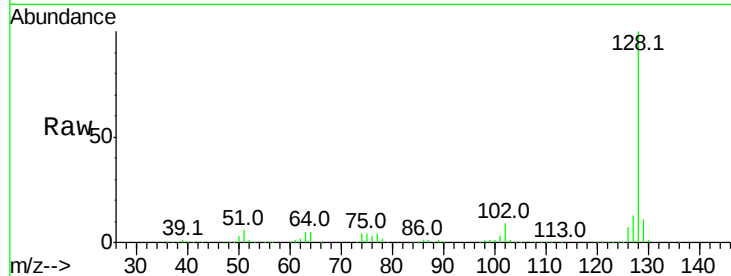
#31
Naphthalene
Concen: 41.98 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1424979
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.4 10.8 16.2

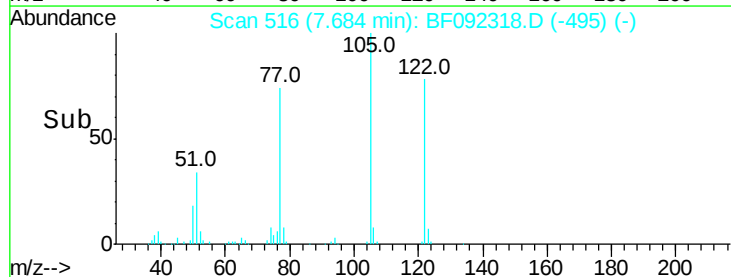
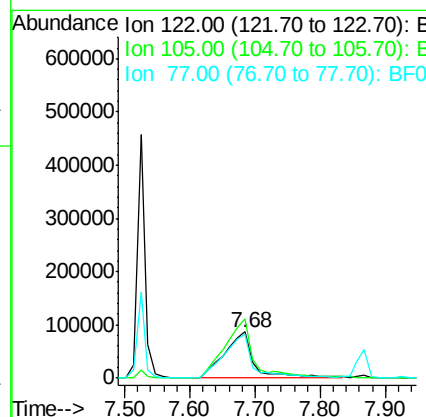
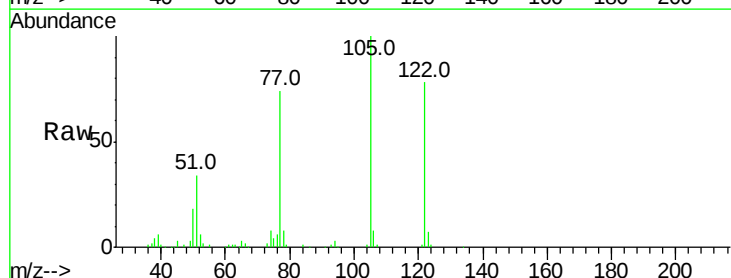
Manual Integrations
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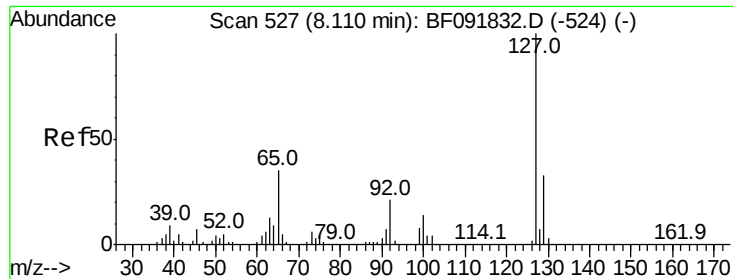
mohammad
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#32
Benzoic acid
Concen: 30.73 ng
RT: 7.68 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion:122 Resp: 264850
Ion Ratio Lower Upper
122 100
105 128.7 107.2 147.2
77 95.2 74.5 114.5





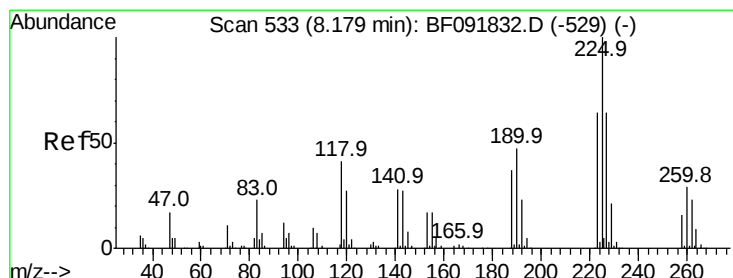
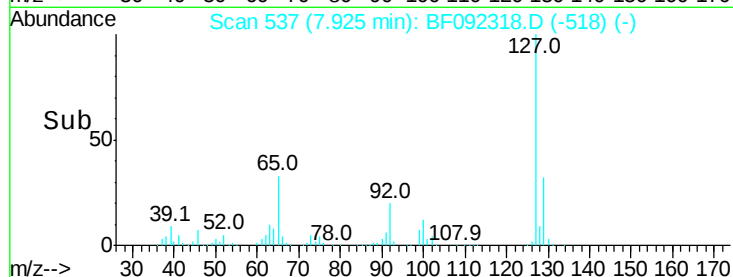
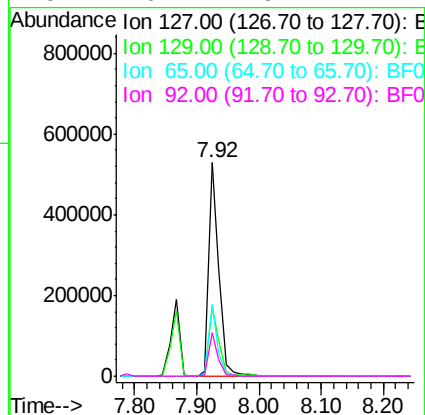
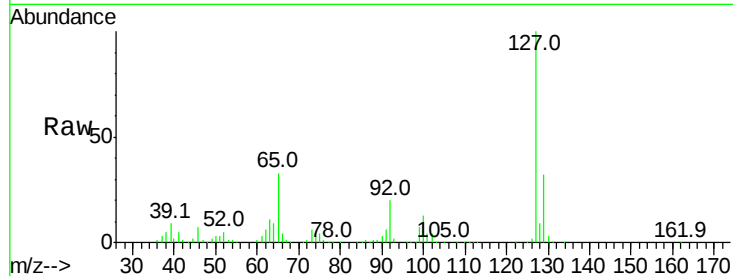
#33
4-Chloroaniline
Concen: 38.56 ng
RT: 7.92 min Scan# 537
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	33.3	25.8	38.8	
92	20.2	16.1	24.1	

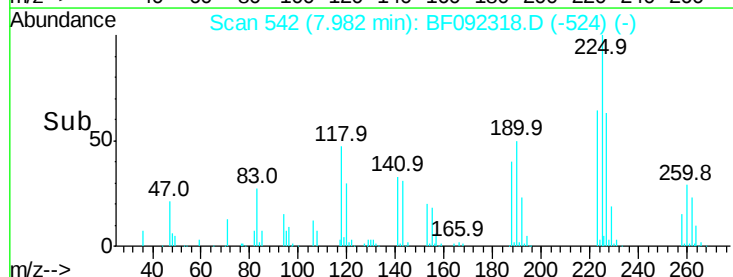
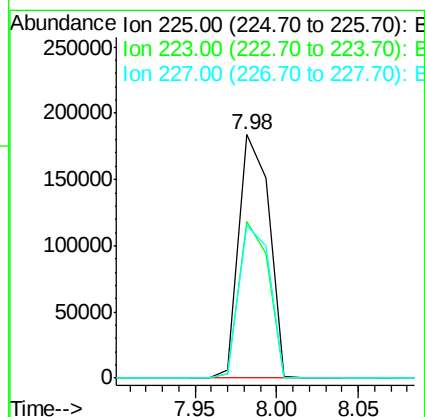
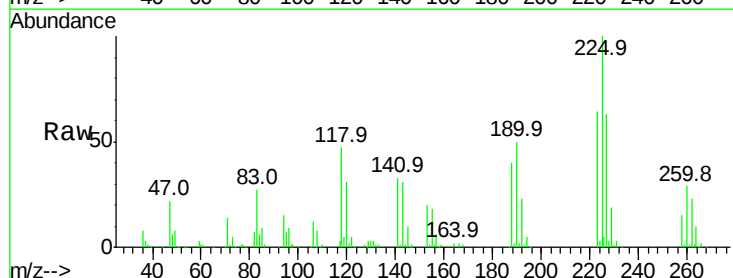
Manual Integrations
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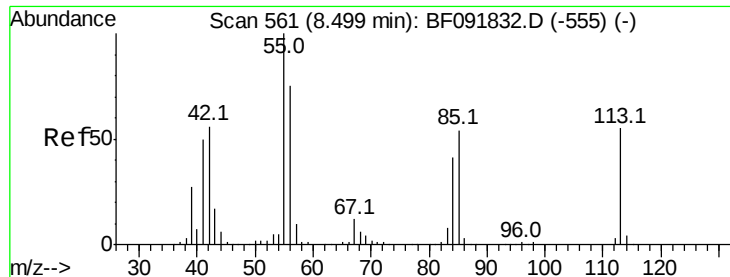
mohammad
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#34
Hexachlorobutadiene
Concen: 41.28 ng
RT: 7.98 min Scan# 542
Delta R.T. -0.10 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	51.0	76.6	
227	62.9	50.6	76.0	





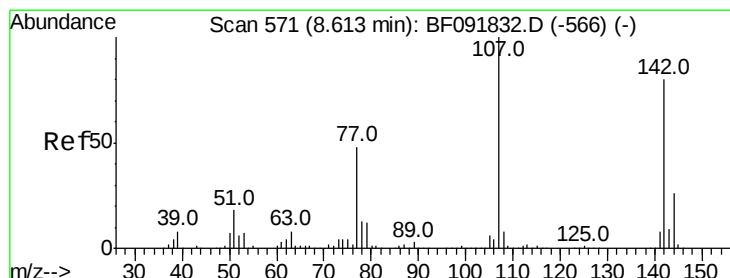
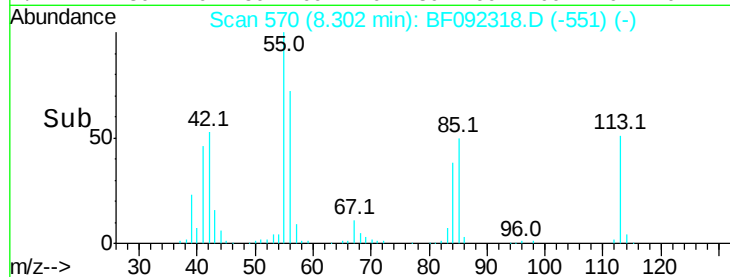
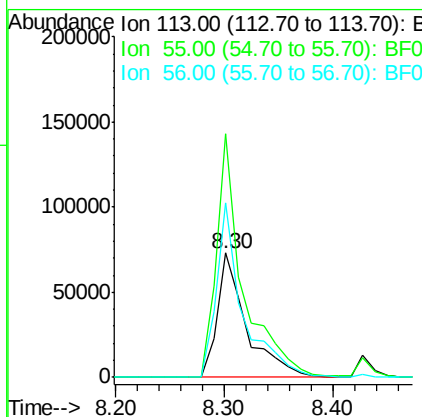
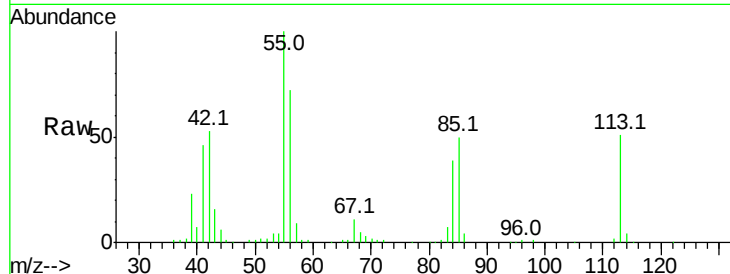
#35
Caprolactam
Concen: 42.03 ng
RT: 8.30 min Scan# 570
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.0	119.2	159.2#
56	140.8	83.8	123.8#

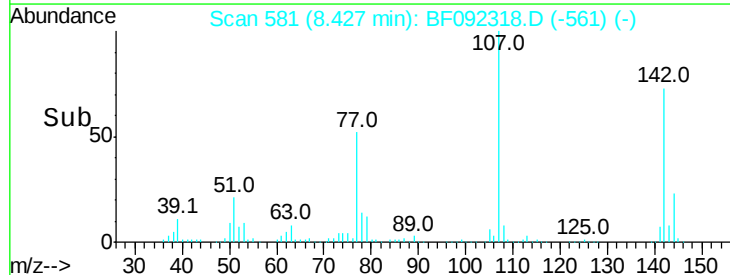
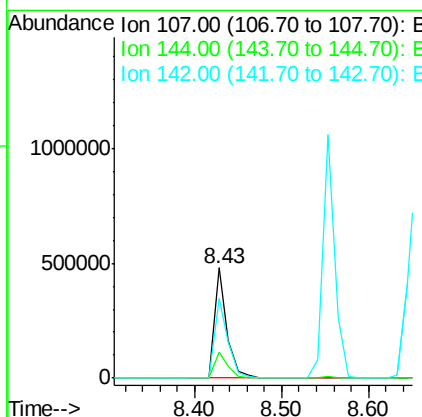
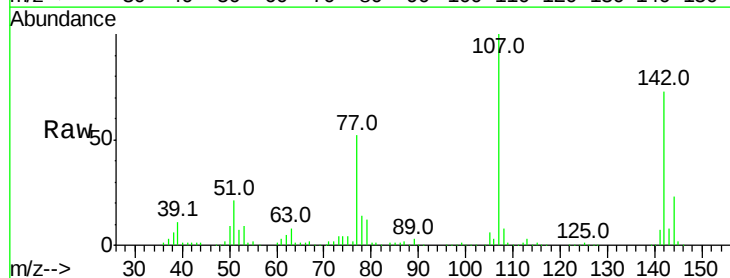
Manual Integrations
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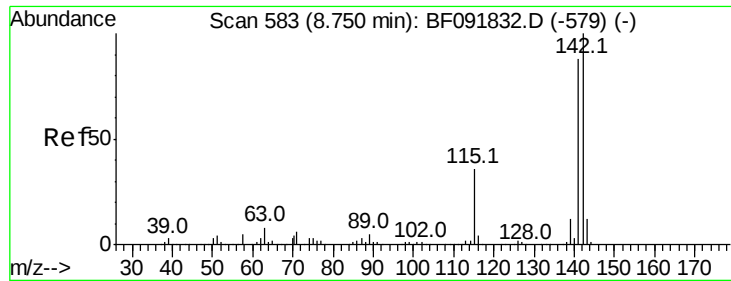
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.21 ng
RT: 8.43 min Scan# 581
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.3	28.9
142	72.9	59.0	88.6





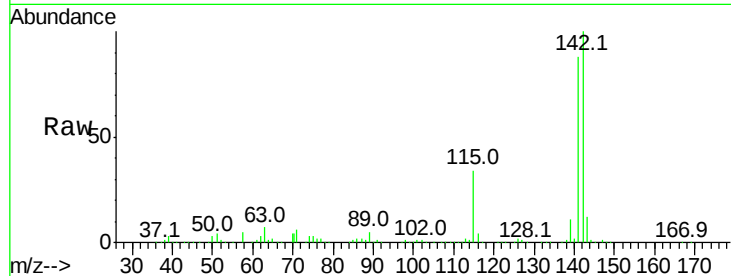
#37
2-Methylnaphthalene
Concen: 48.38 ng
RT: 8.55 min Scan# 592
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

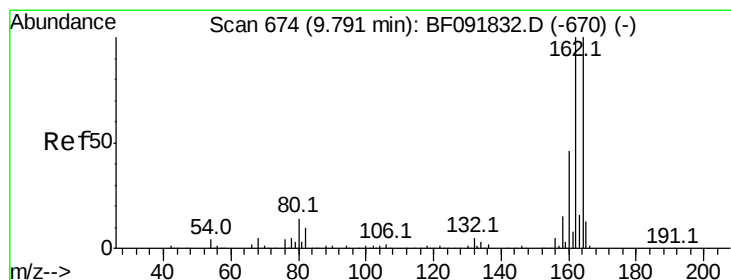
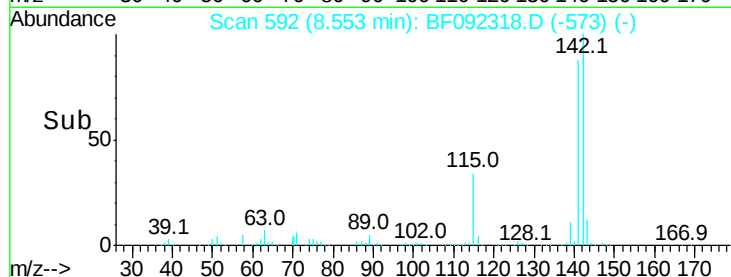
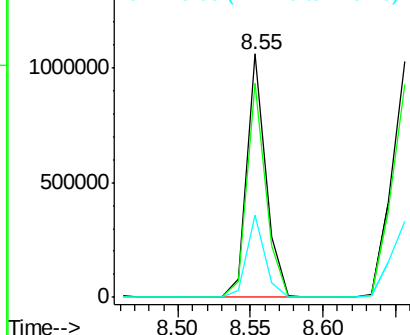
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	33.9	28.3	42.5

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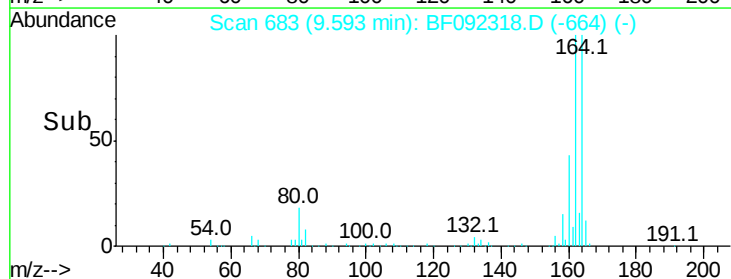
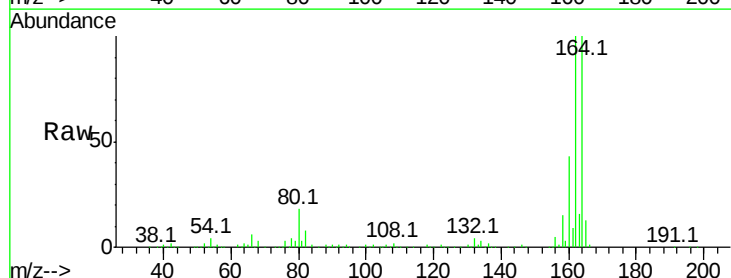
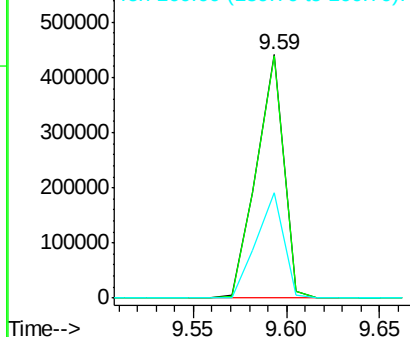
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

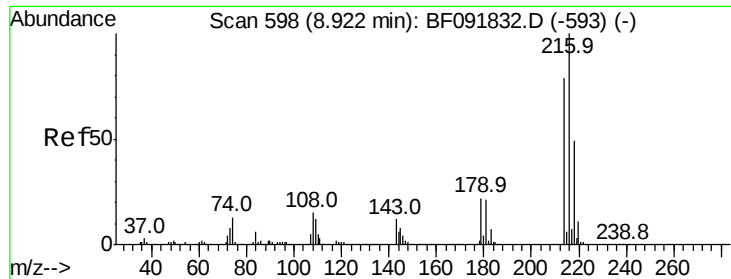


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	43.4	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.10 ng

RT: 8.72 min Scan# 607

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

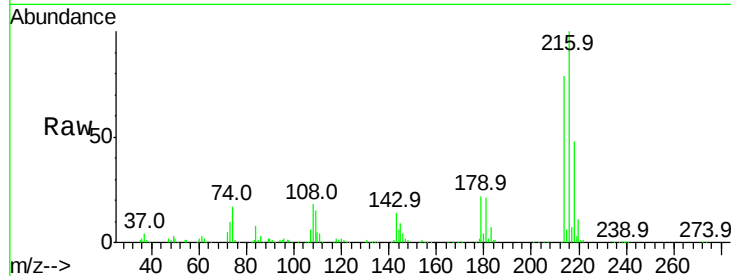
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	22.1	17.4	26.2
108	20.4	15.6	23.4

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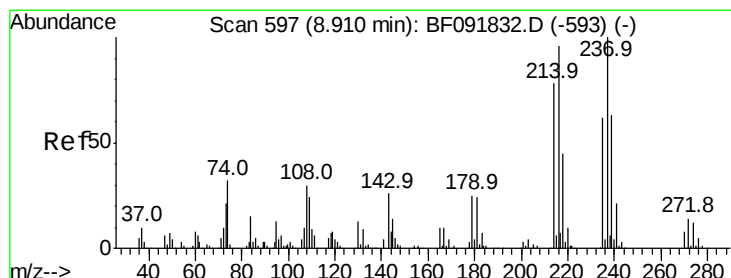
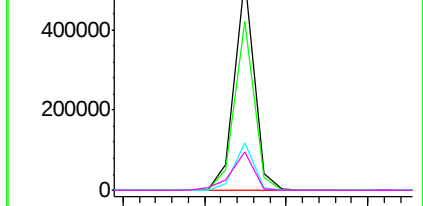
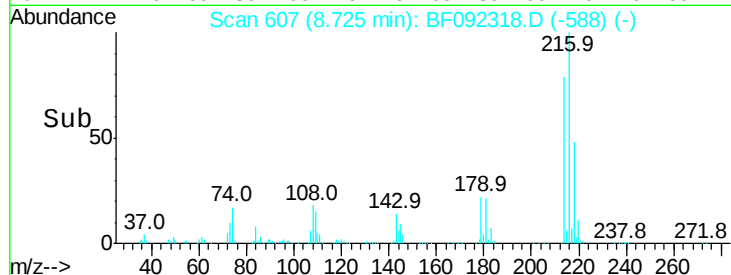


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.77 ng

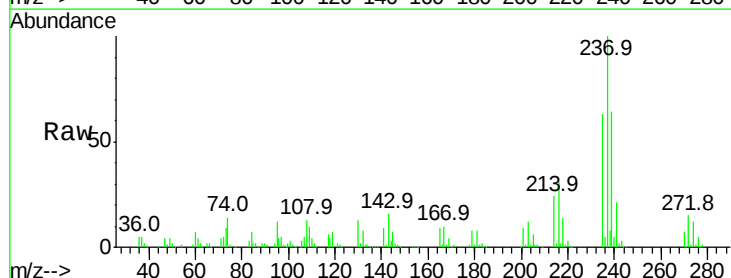
RT: 8.71 min Scan# 606

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

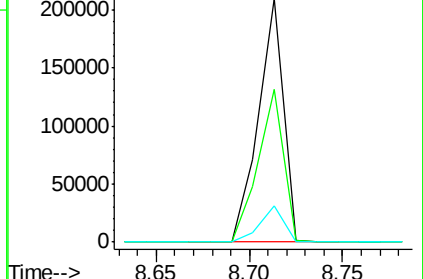
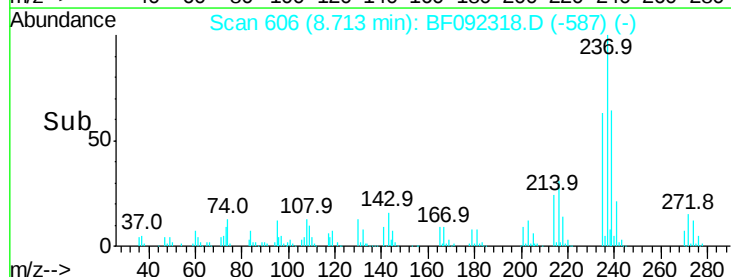
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	14.8	0.0	35.4

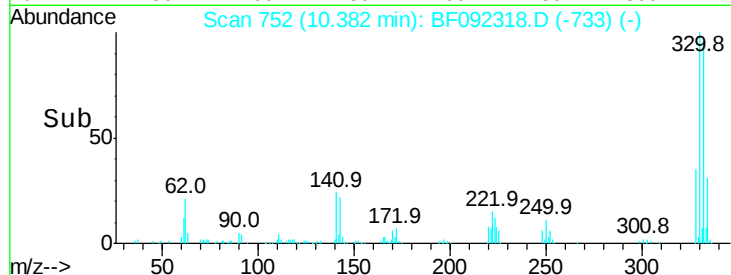
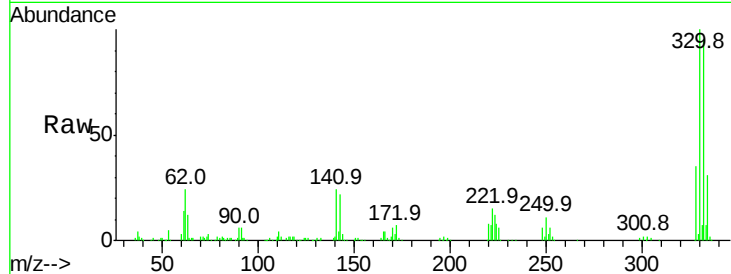


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





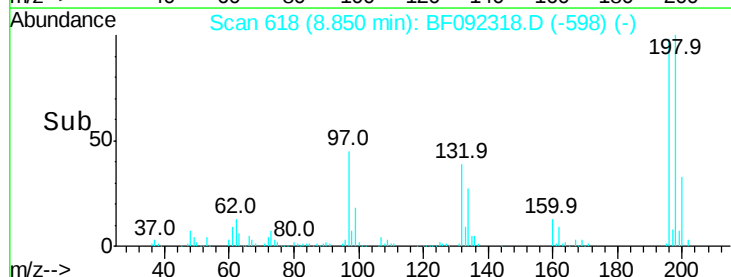
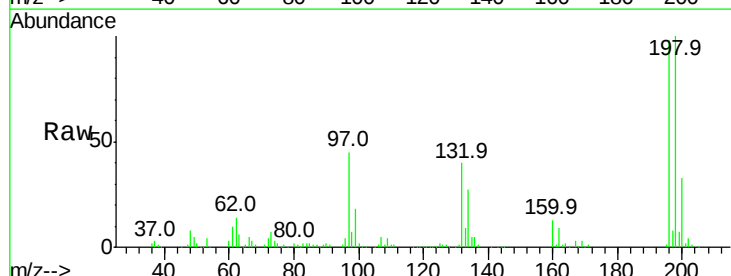
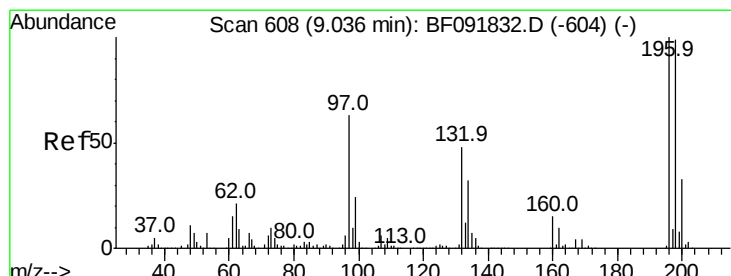
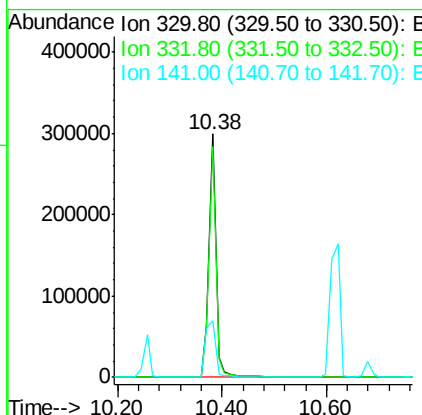
#41
2,4,6-Tribromophenol
Concen: 77.38 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	285071		
332	95.4	77.4	116.2	
141	34.9	34.1	51.1	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

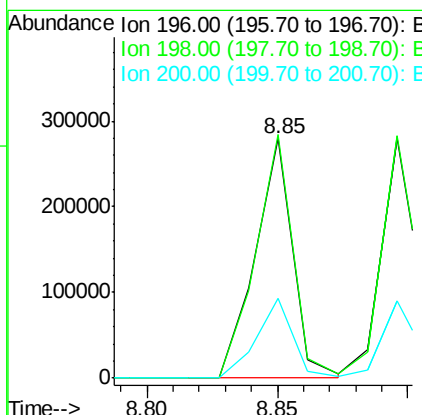
Manual Integrations
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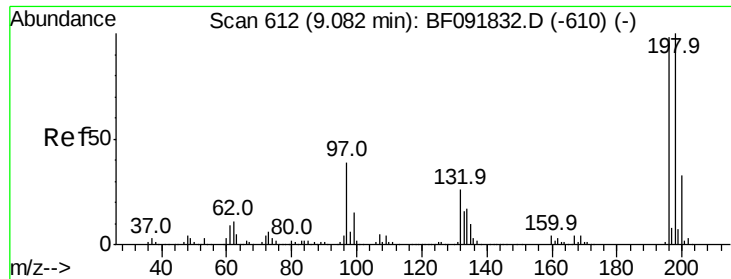
mohammad
1/18/2017 5:11:22 PM



#42
2,4,6-Trichlorophenol
Concen: 35.87 ng
RT: 8.85 min Scan# 618
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282148		
198	101.7	82.1	123.1	
200	33.5	27.0	40.4	





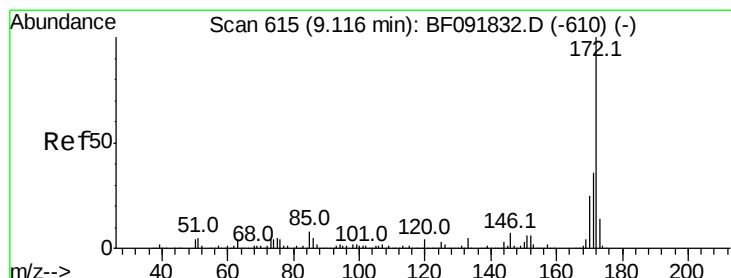
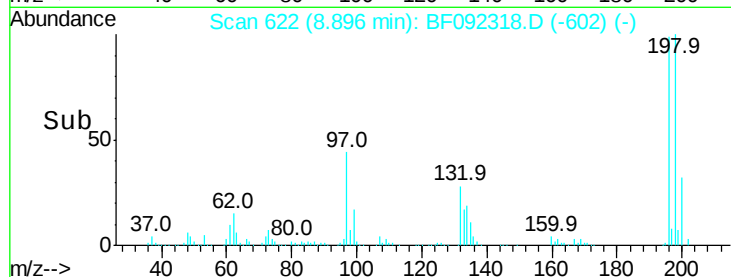
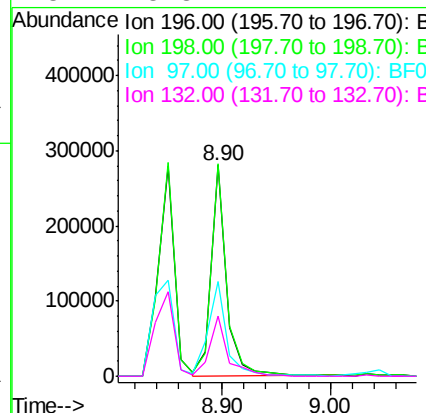
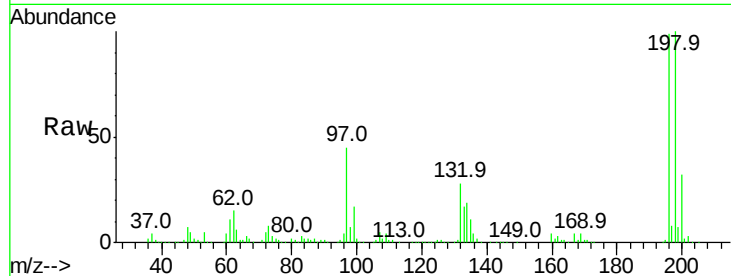
#43
2,4,5-Trichlorophenol
Concen: 34.67 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280651		
198	100.9	79.4	119.2	
97	44.9	51.5	77.3#	
132	28.3	27.4	41.2	

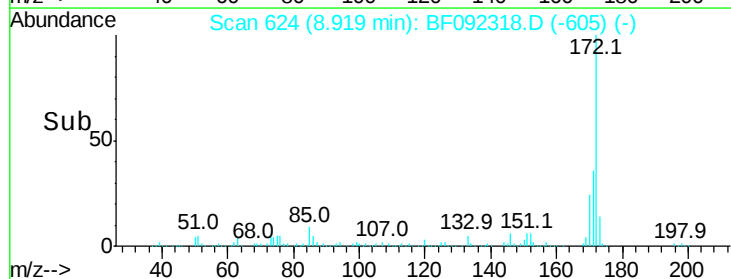
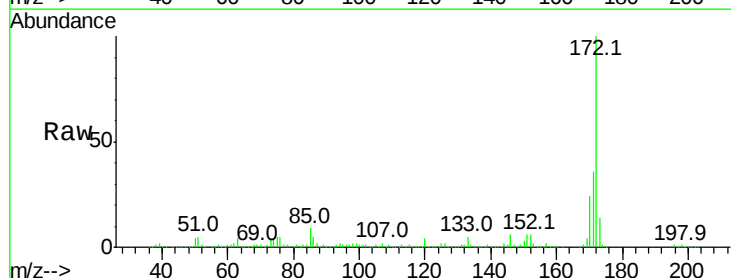
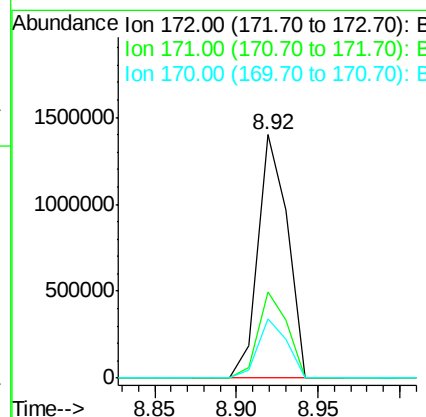
Manual Integrations
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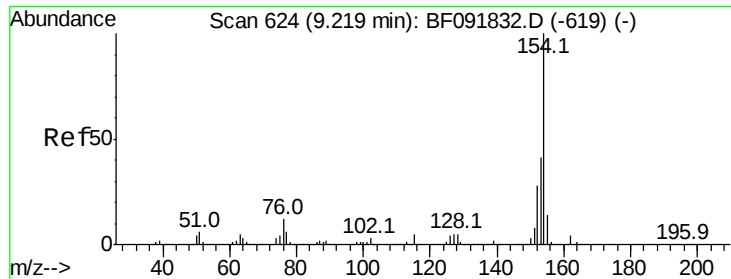
mohammad
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#44
2-Fluorobiphenyl
Concen: 80.12 ng
RT: 8.92 min Scan# 624
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1756754		
171	35.6	29.4	44.0	
170	24.2	20.2	30.4	





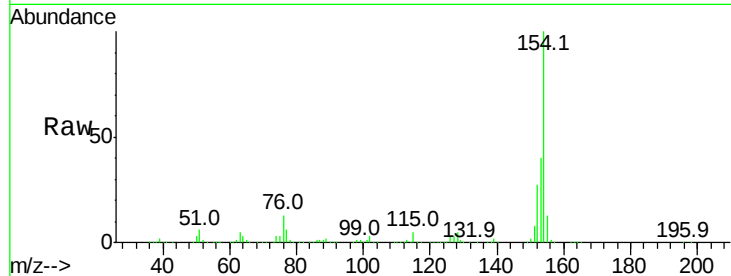
#45
 1,1'-Biphenyl
 Concen: 42.39 ng
 RT: 9.02 min Scan# 633
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	13.1	0.0	30.5

Manual Integrations
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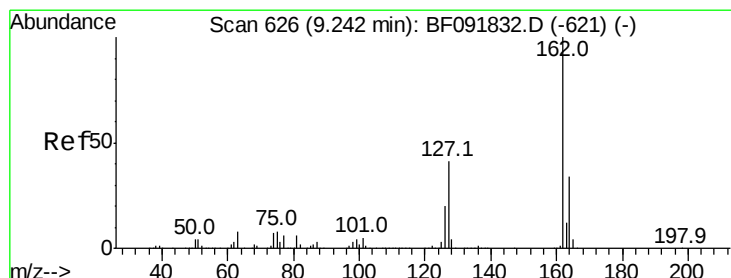
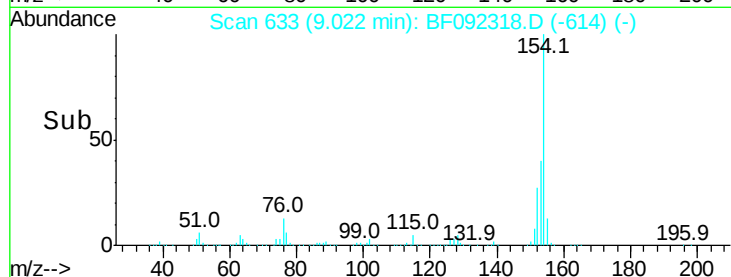
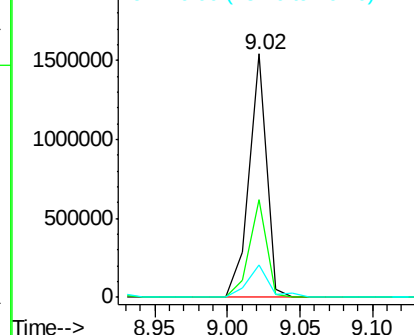


Abundance

Ion 154.00 (153.70 to 154.70): E

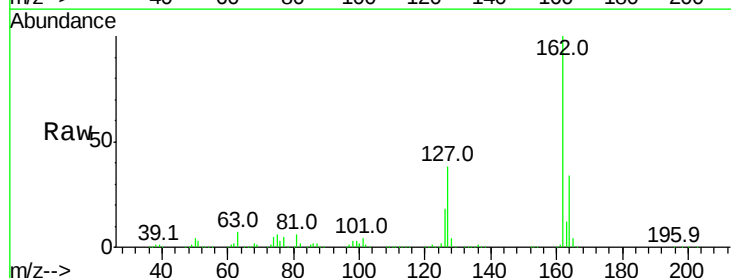
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 40.02 ng
 RT: 9.04 min Scan# 635
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.7	46.1
164	34.2	27.6	41.4

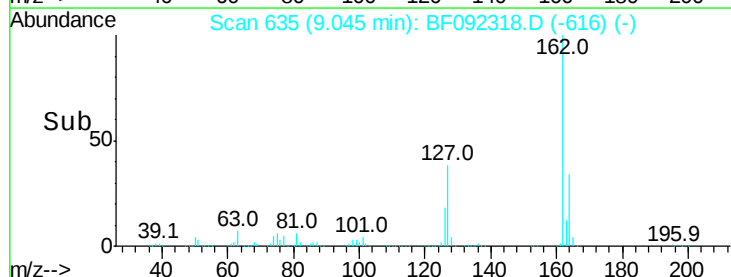
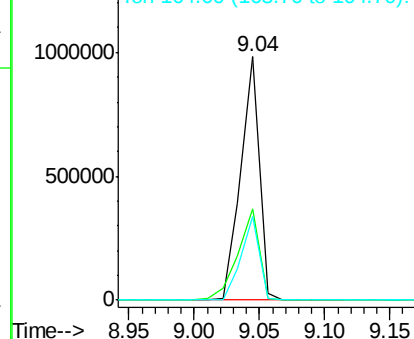


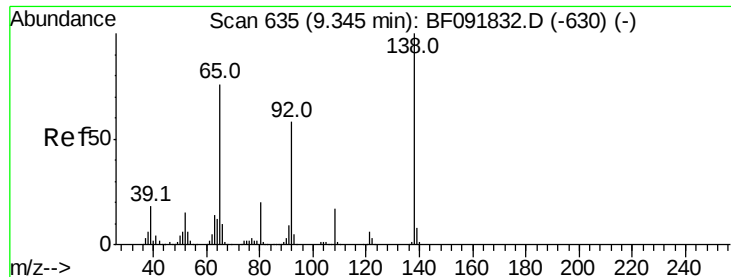
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





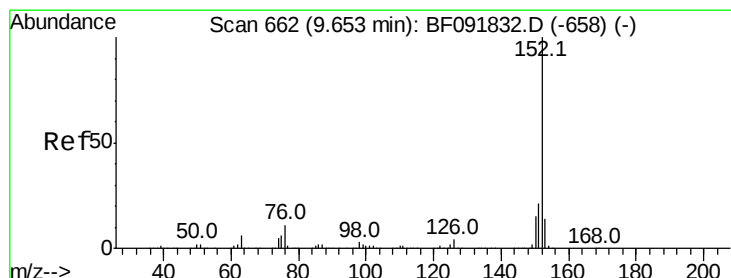
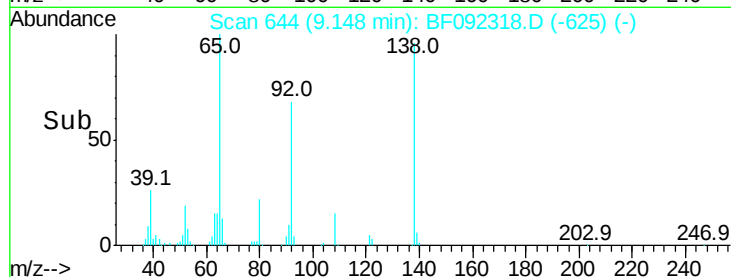
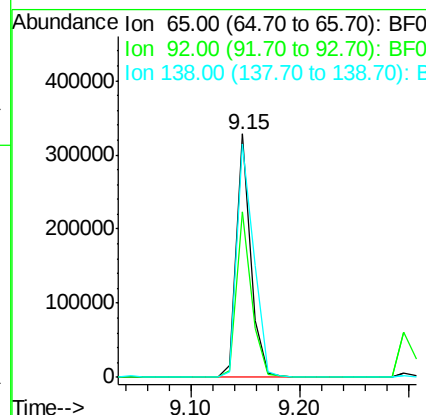
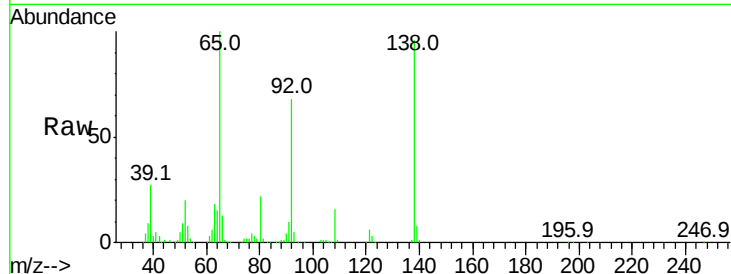
#47
2-Nitroaniline
Concen: 34.45 ng
RT: 9.15 min Scan# 644
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.9	80.9
138	95.9	76.8	115.2

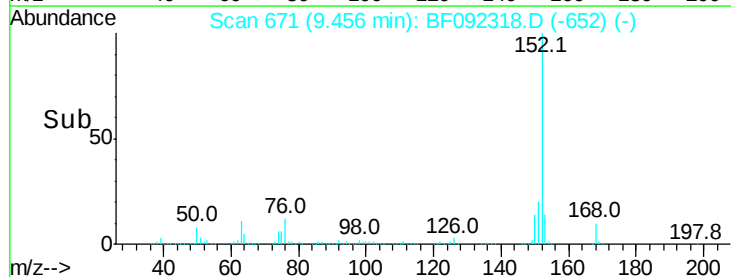
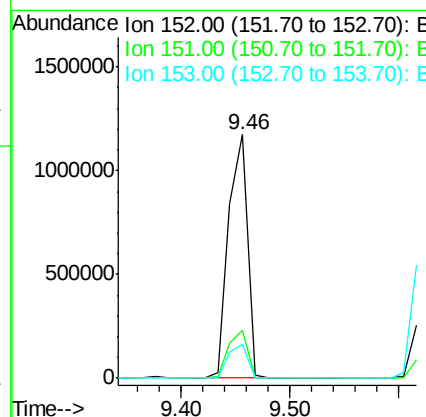
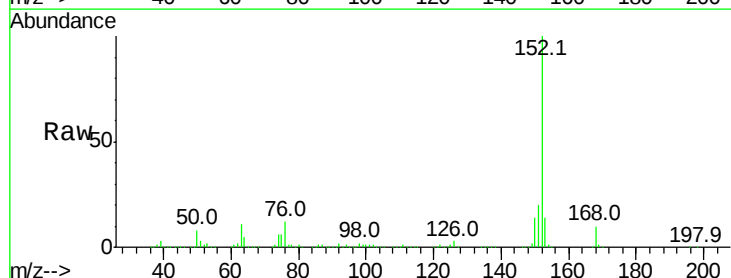
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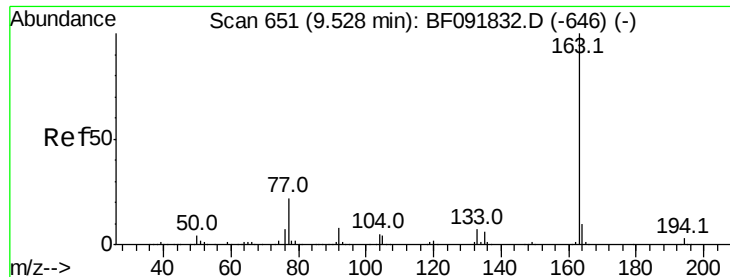
mohammad
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#48
Acenaphthylene
Concen: 38.11 ng
RT: 9.46 min Scan# 671
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.9	25.3
153	13.7	11.4	17.2





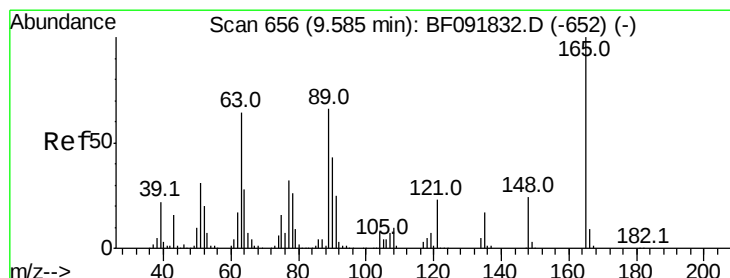
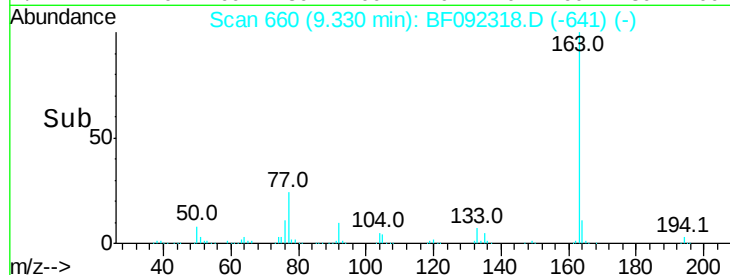
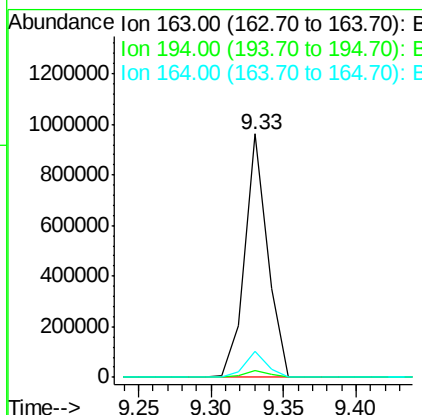
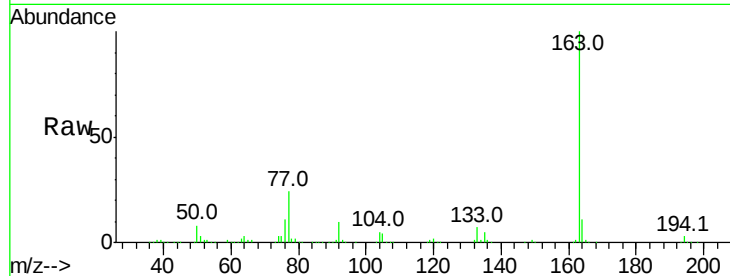
#49
Dimethylphthalate
Concen: 36.80 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1047765
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.6 8.0 12.0

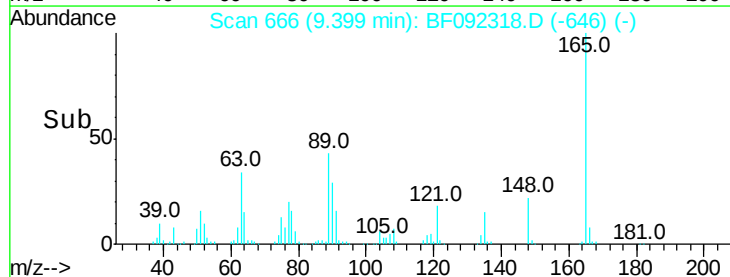
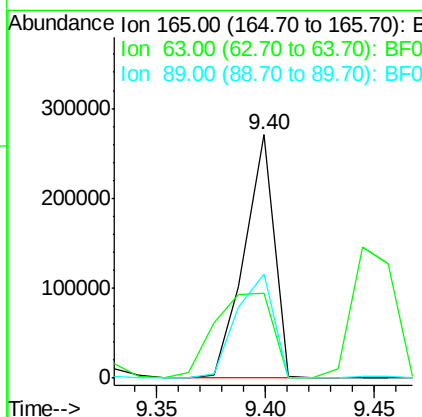
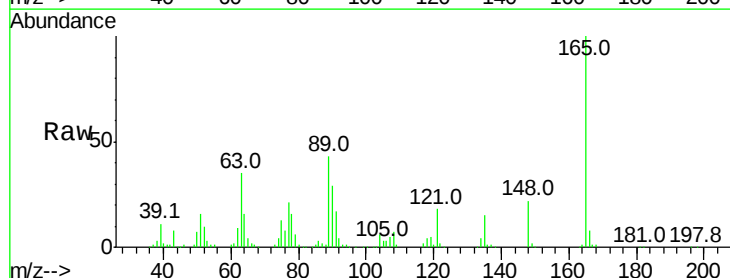
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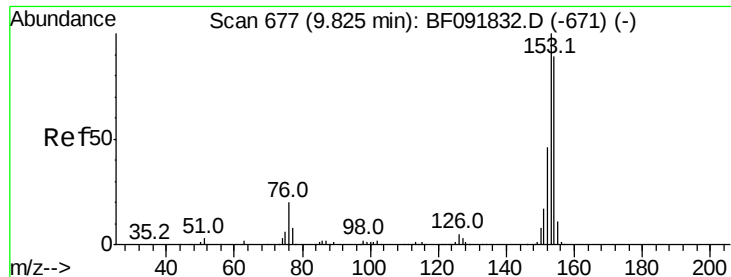
mohammad
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#50
2,6-Dinitrotoluene
Concen: 41.61 ng
RT: 9.40 min Scan# 666
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion:165 Resp: 259329
Ion Ratio Lower Upper
165 100
63 34.8 36.2 54.4#
89 42.7 40.2 60.4





#51

Acenaphthene

Concen: 37.65 ng

RT: 9.63 min Scan# 686

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

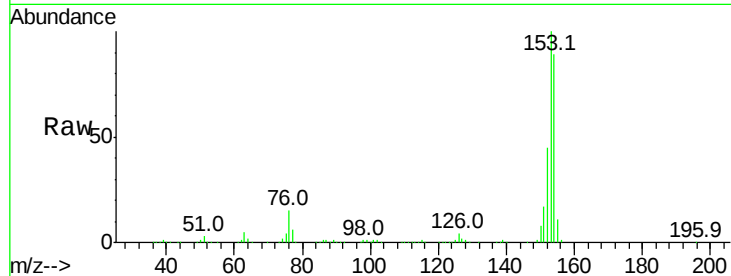
ClientSampleId :

SSTDCCC040

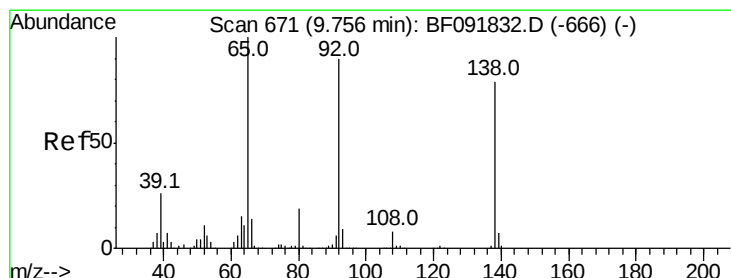
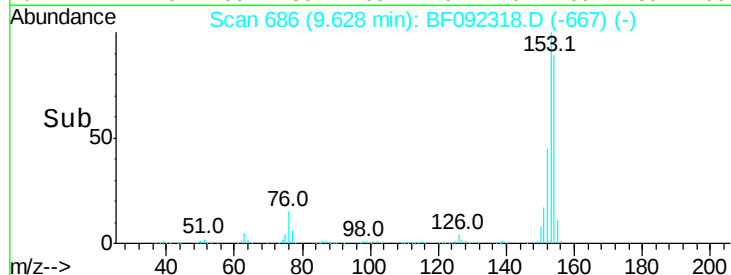
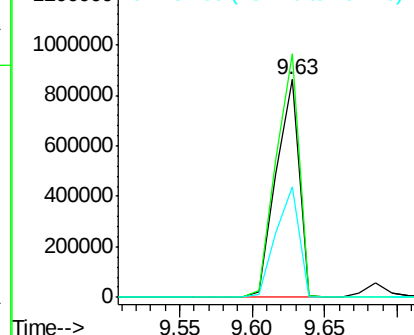
Tot Ion:	154	Resp:	947482
Ion Ratio	Lower	Upper	
154	100		
153	111.8	88.6	133.0
152	50.7	41.6	62.4

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



#52

3-Nitroaniline

Concen: 36.93 ng

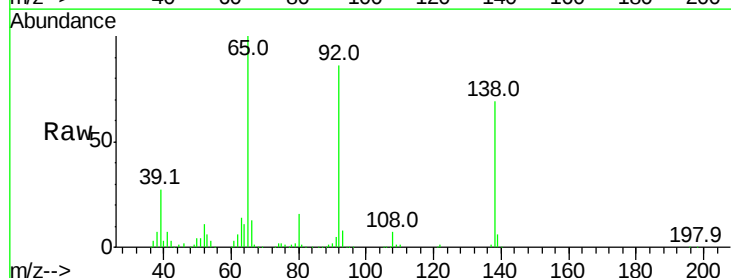
RT: 9.56 min Scan# 680

Delta R.T. -0.09 min

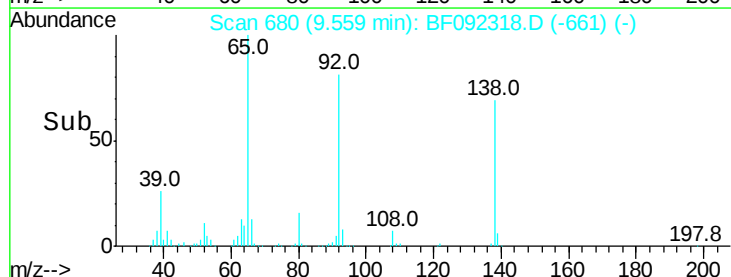
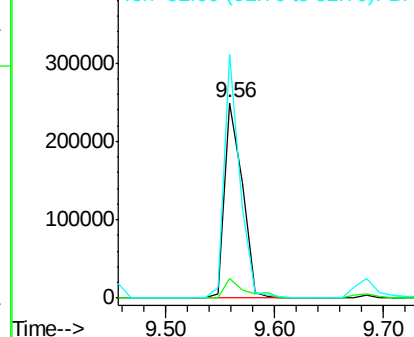
Lab File: BF092318.D

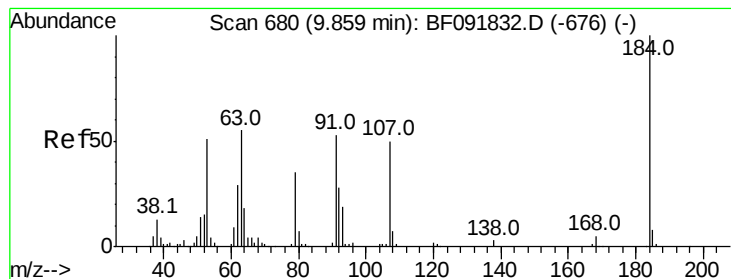
Acq: 17 Jan 2017 16:10

Tgt Ion:	138	Resp:	284842
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	124.8	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 37.87 ng

RT: 9.68 min Scan# 691

Delta R.T. -0.08 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

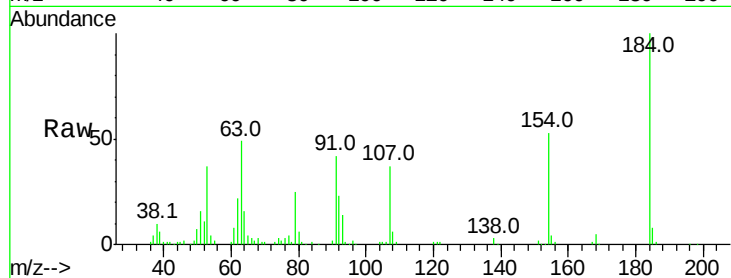
ClientSampleId :

SSTDCCC040

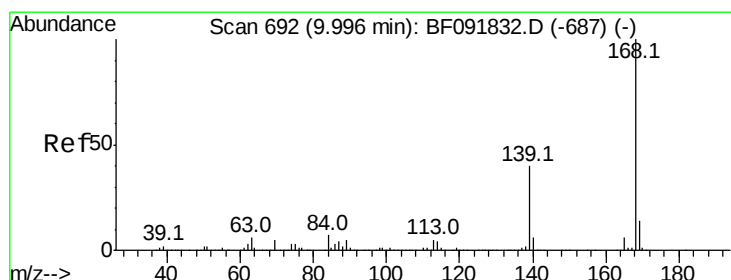
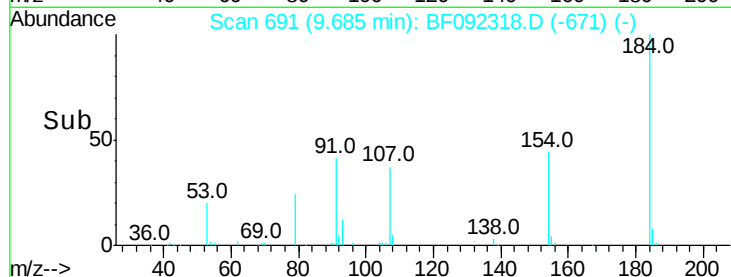
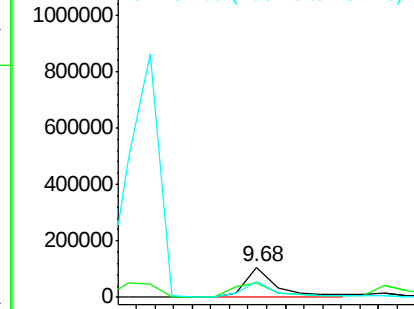
Tot Ion:	184	Resp:	131313
Ion Ratio	Lower	Upper	
184	100		
63	49.1	28.4	42.6#
154	52.7	44.3	66.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.72 ng

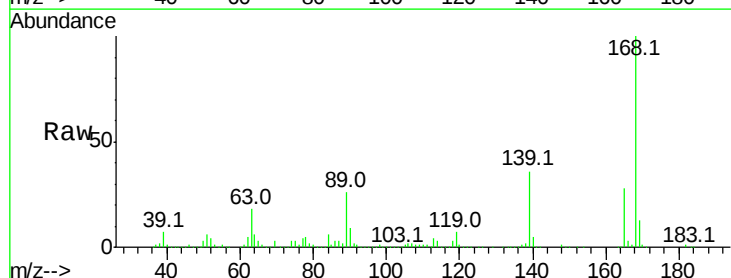
RT: 9.80 min Scan# 701

Delta R.T. -0.09 min

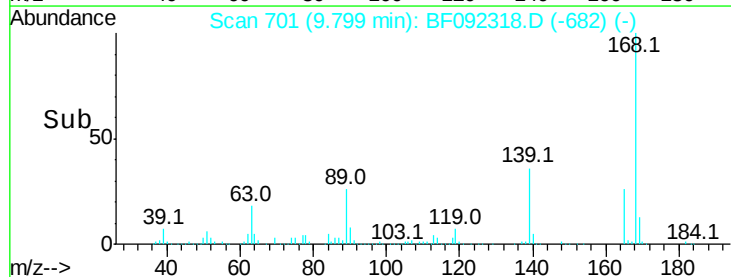
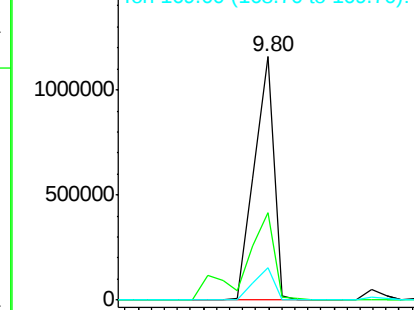
Lab File: BF092318.D

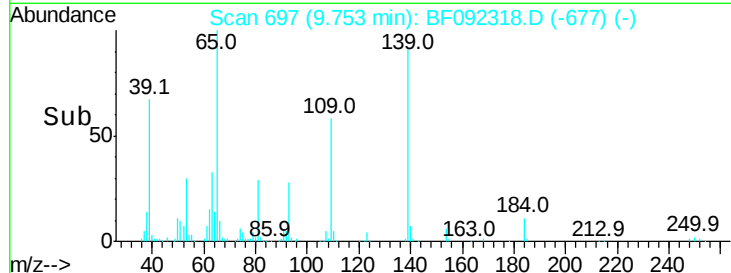
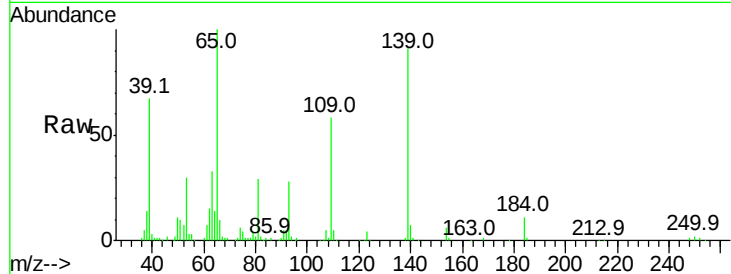
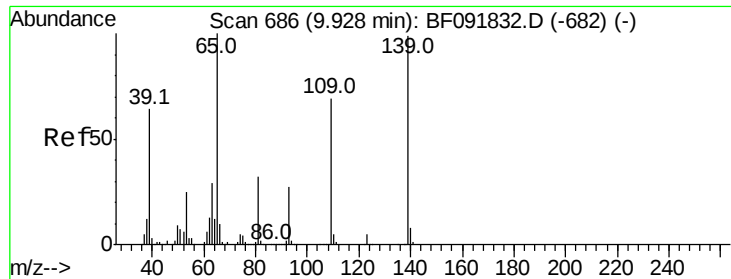
Acq: 17 Jan 2017 16:10

Tgt Ion:	168	Resp:	1214034
Ion Ratio	Lower	Upper	
168	100		
139	36.2	32.6	49.0
169	13.5	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





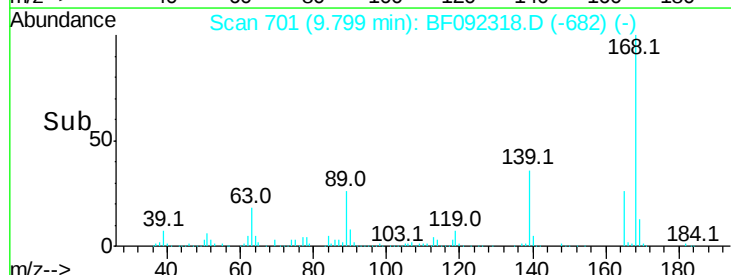
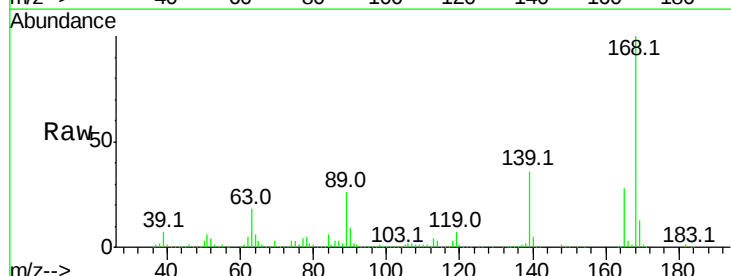
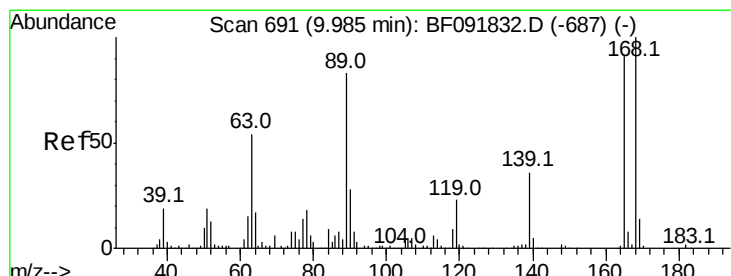
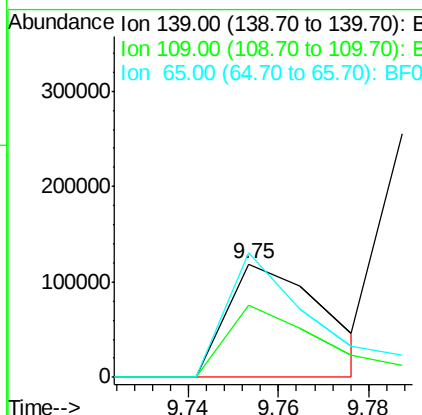
#55
4-Nitrophenol
Concen: 34.02 ng/ml
RT: 9.75 min Scan# 697
Delta R.T. -0.08 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.1	52.2	92.2
65	109.9	85.8	125.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

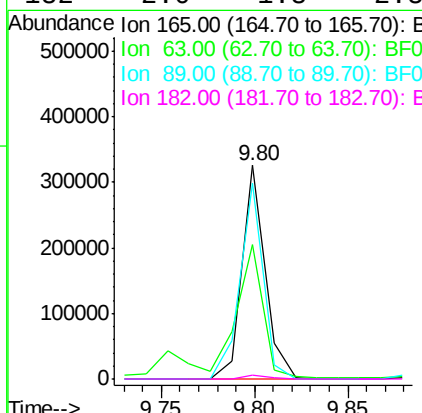
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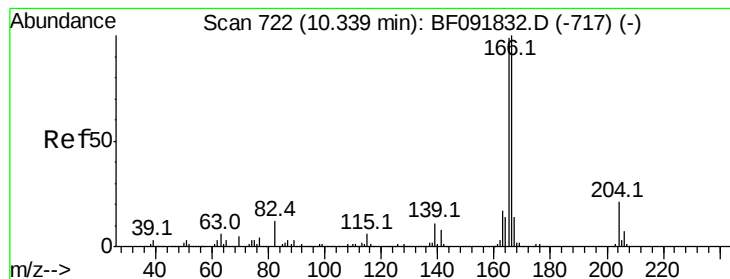
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#56
2,4-Dinitrotoluene
Concen: 35.76 ng/ml
RT: 9.80 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.0	40.2	60.4
89	91.9	62.5	93.7
182	2.0	1.8	2.8





#57

Fluorene

Concen: 39.18 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

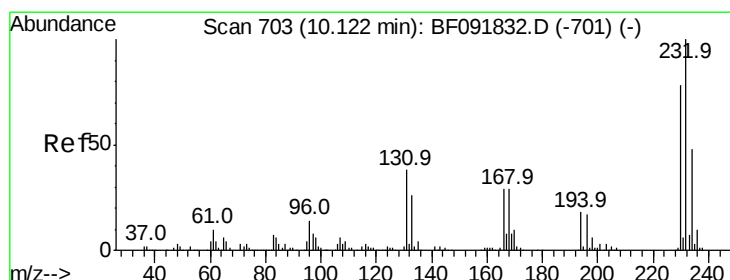
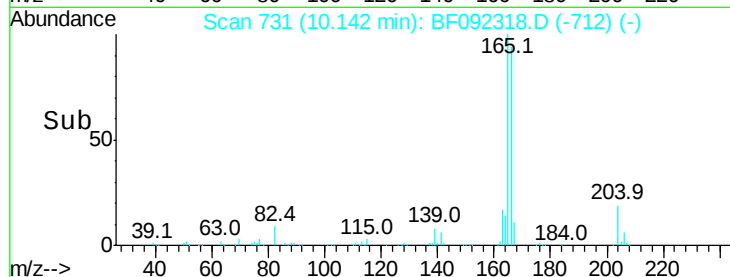
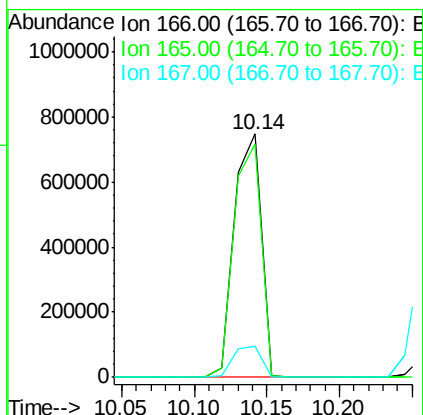
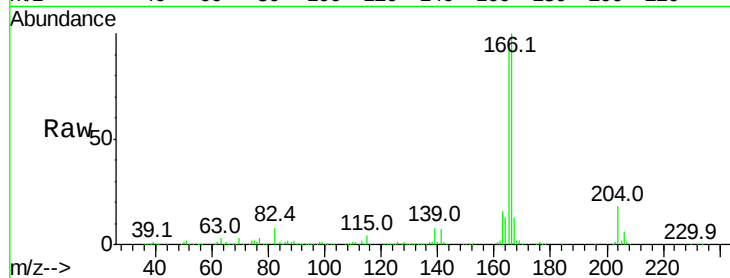
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		968964		
165	95.8	77.8	116.8		
167	13.0	10.8	16.2		

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.28 ng

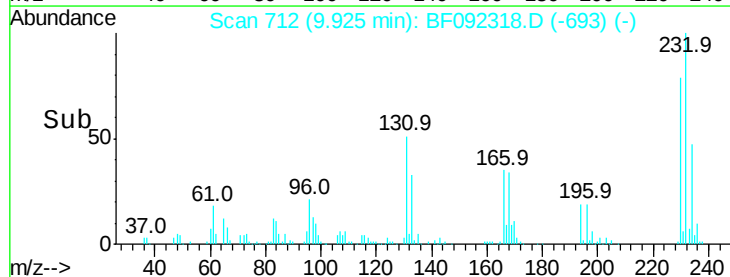
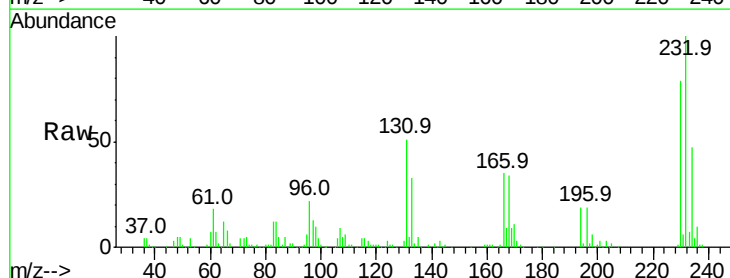
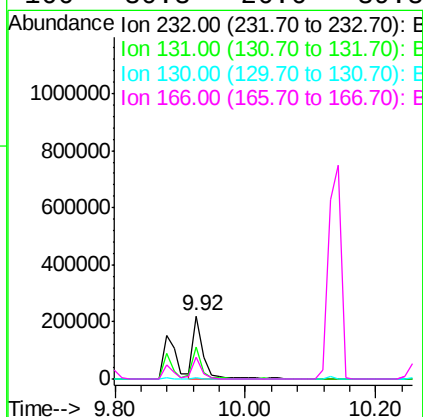
RT: 9.92 min Scan# 712

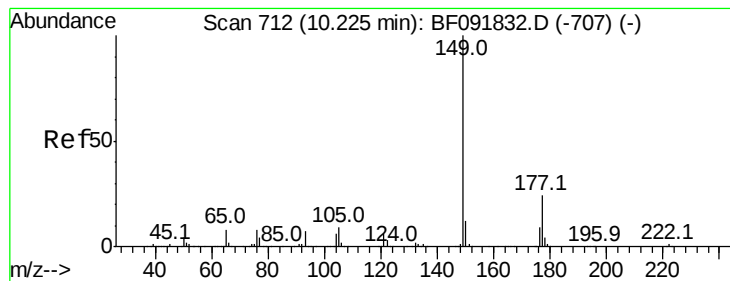
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		238691		
131	47.9	40.1	60.1		
130	2.3	1.8	2.8		
166	30.3	26.6	39.8		





#59

Diethylphthalate

Concen: 37.74 ng

RT: 10.03 min Scan# 721

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1043416

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

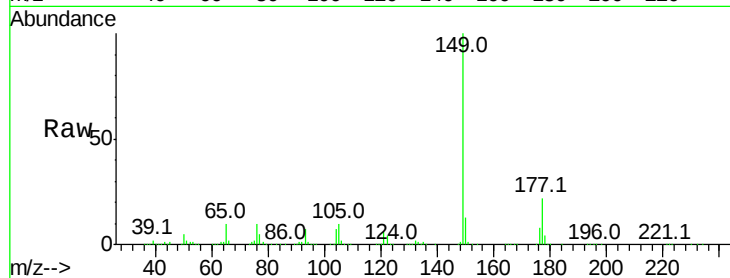
150 12.6 10.4 15.6

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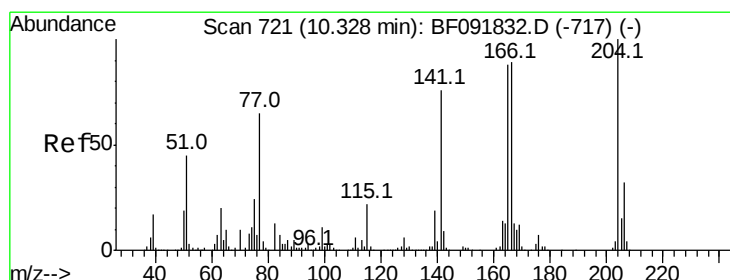
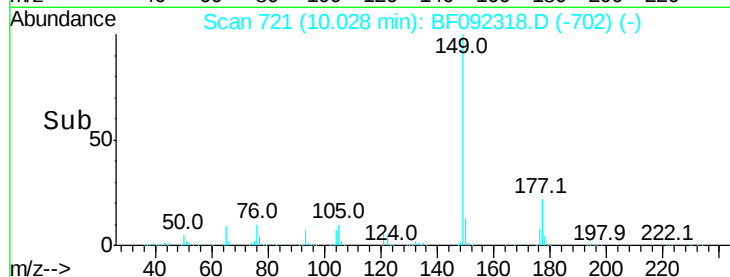
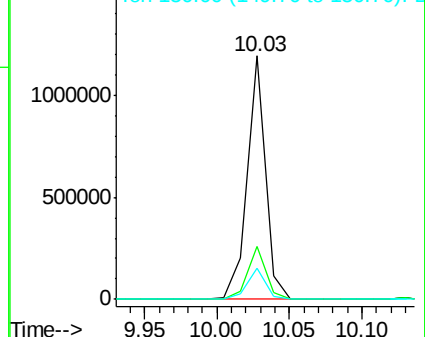
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.25 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

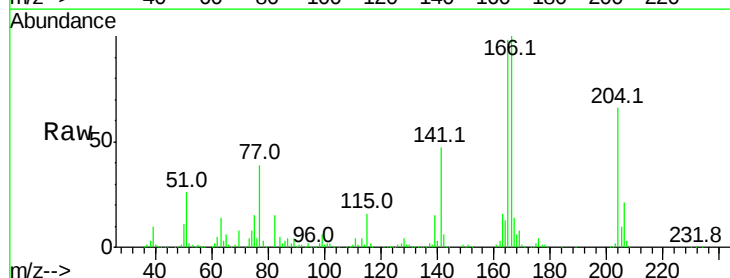
Tgt Ion:204 Resp: 392477

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

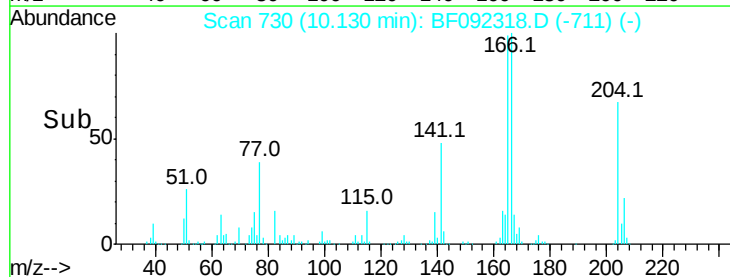
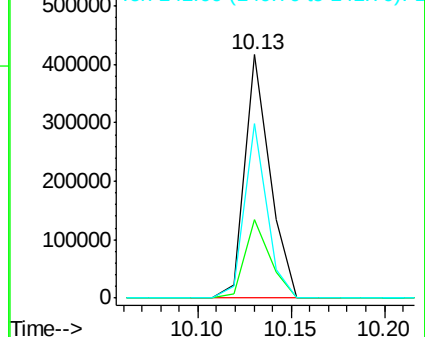
141 71.5 59.4 89.0

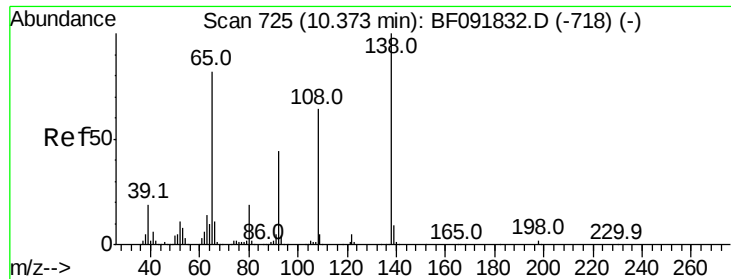


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





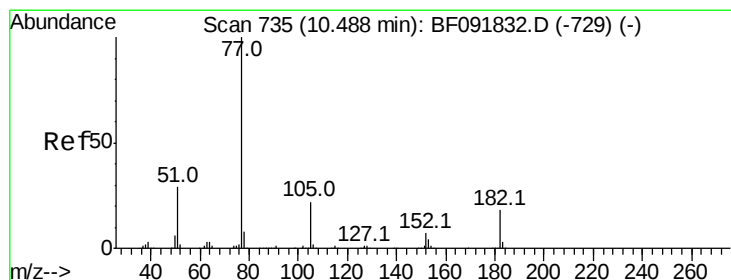
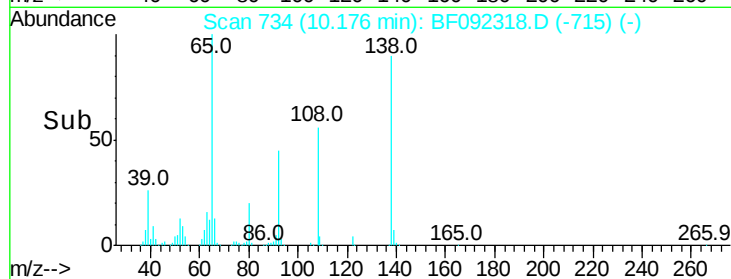
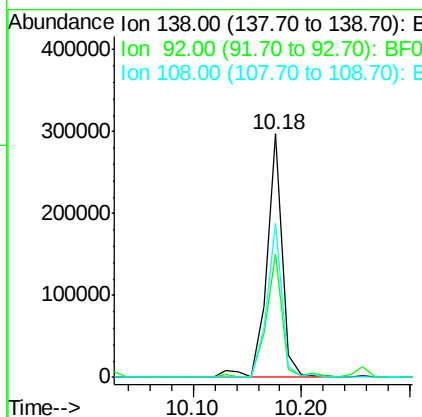
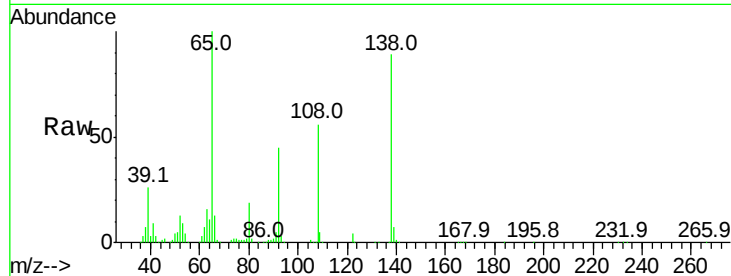
#61
4-Nitroaniline
Concen: 37.50 ng
RT: 10.18 min Scan# 734
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.7	71.7
108	63.2	52.6	92.6

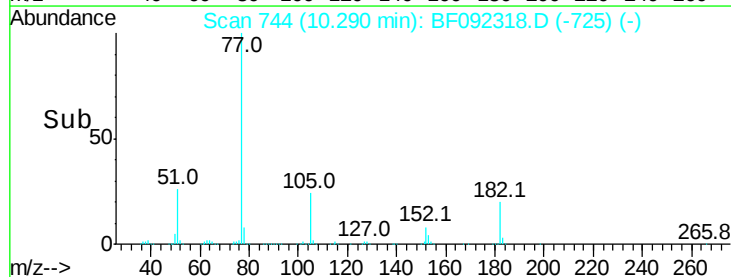
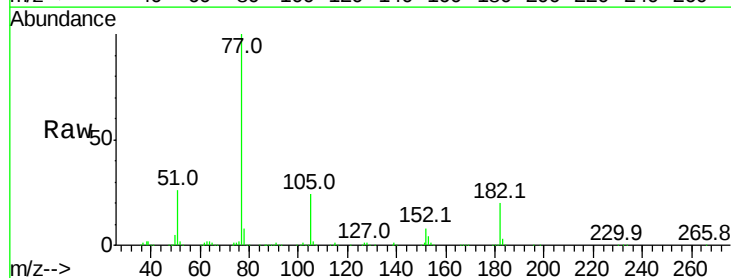
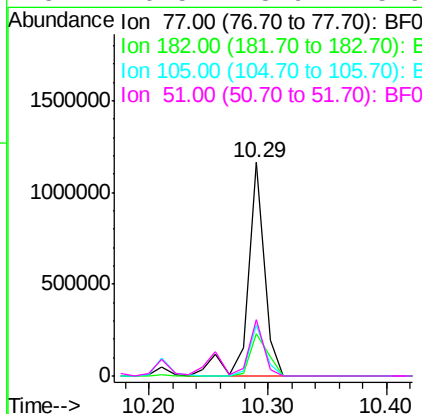
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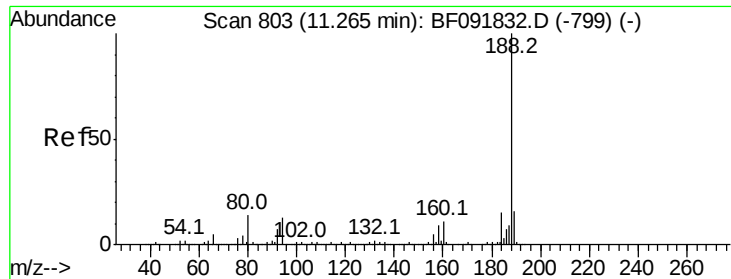
mohammad
1/18/2017 5:11:22 PM



#62
Azobenzene
Concen: 37.72 ng
RT: 10.29 min Scan# 744
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.0	39.3
105	23.8	2.3	42.3
51	26.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

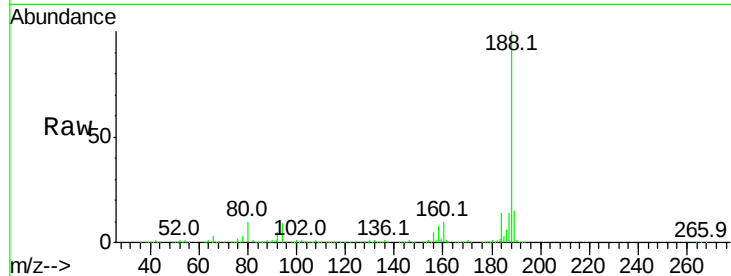
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	708027
Ion Ratio	Lower	Upper	
188	100		
94	9.2	10.0	15.0#
80	9.7	11.2	16.8#

Manual Integrations
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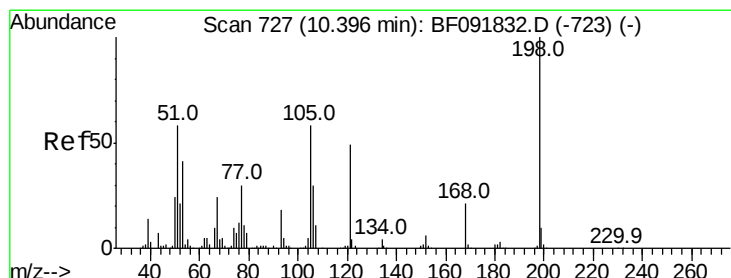
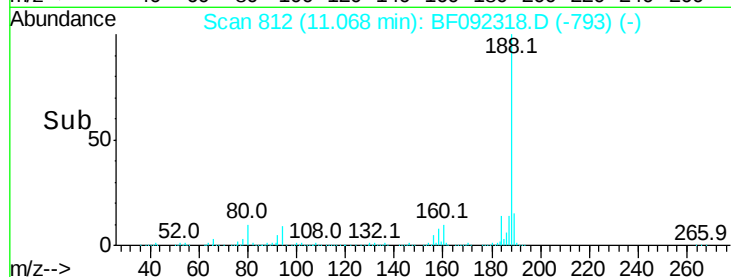
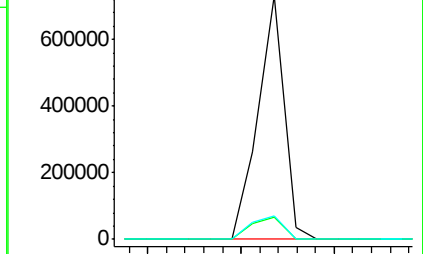
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.65 ng

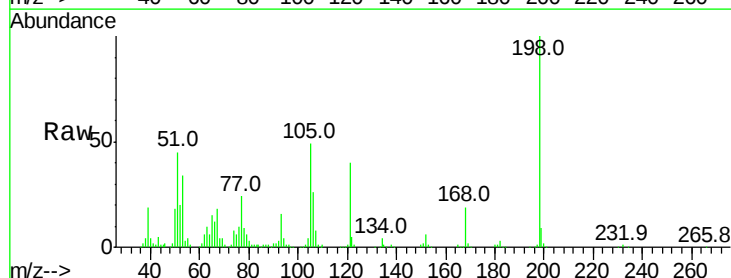
RT: 10.21 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

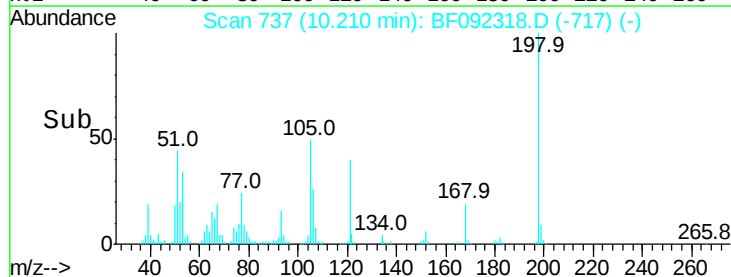
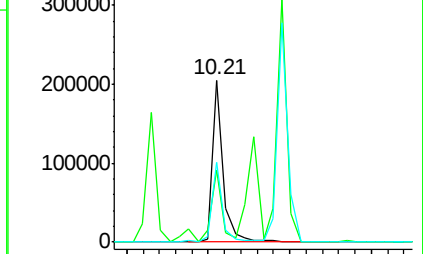
Tgt Ion:	198	Resp:	191149
Ion Ratio	Lower	Upper	
198	100		
51	44.5	6.7	46.7
105	49.1	16.6	56.6

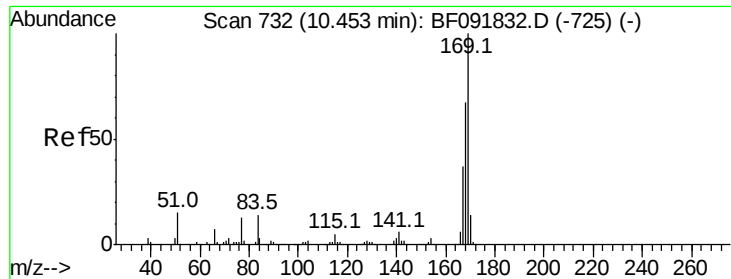


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.71 ng

RT: 10.26 min Scan# 741

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

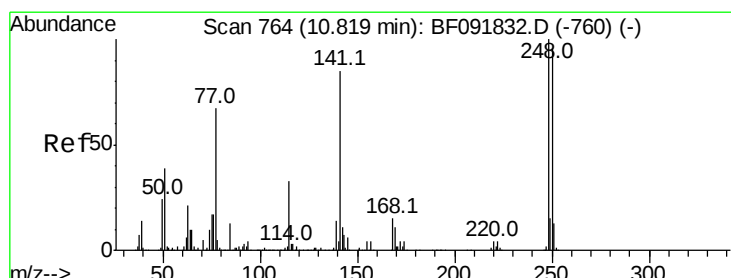
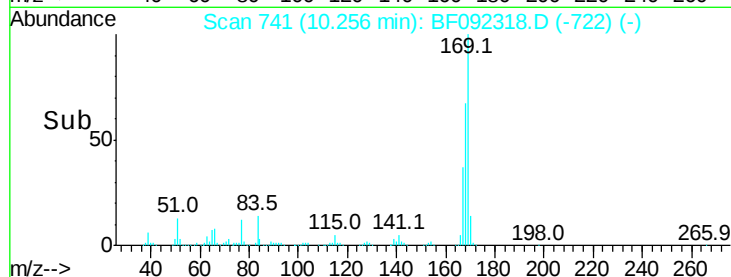
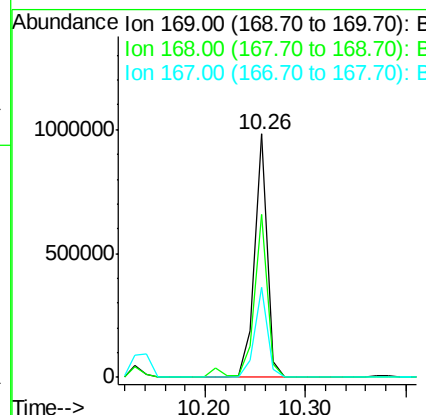
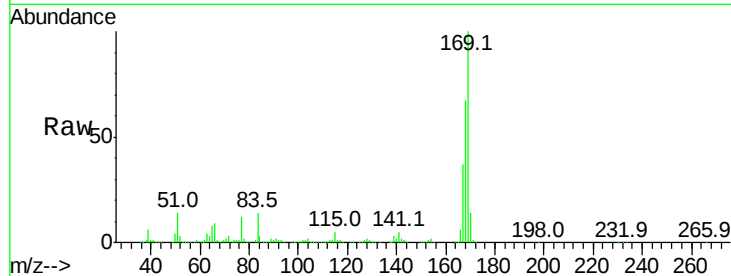
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	855289
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.2	81.2
167	36.9	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 40.67 ng

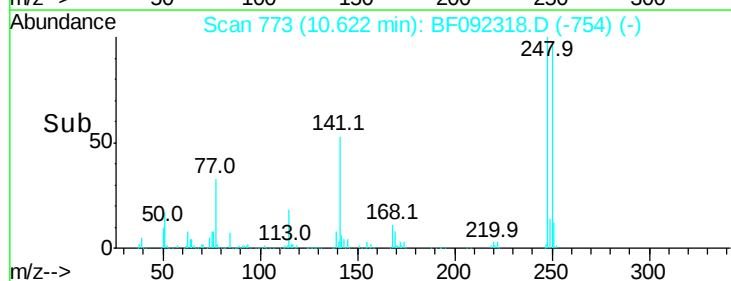
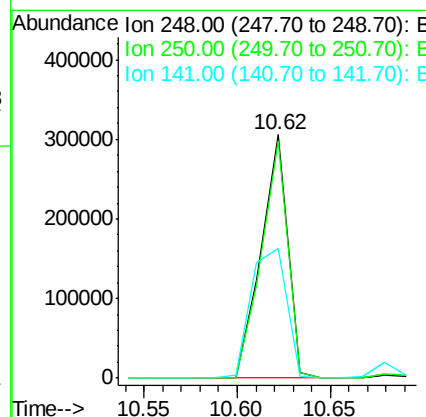
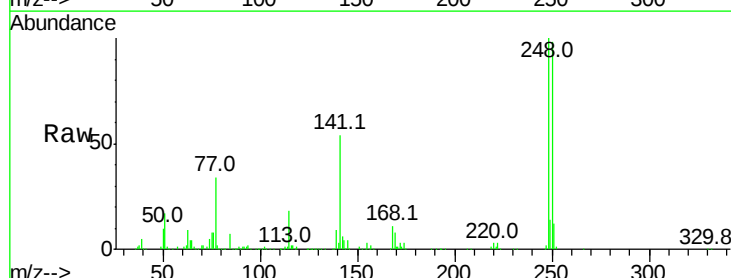
RT: 10.62 min Scan# 773

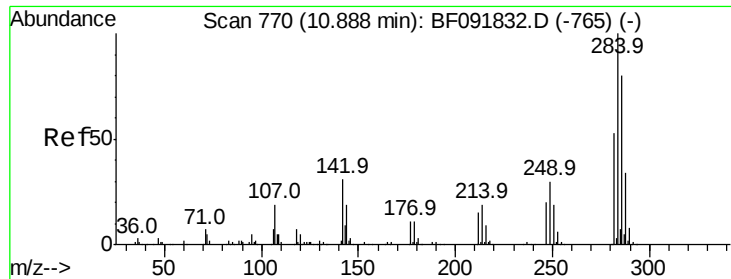
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion:	248	Resp:	299558
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.9	115.3
141	53.5	68.2	102.4#





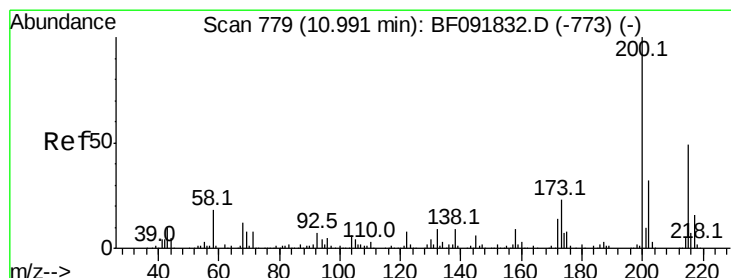
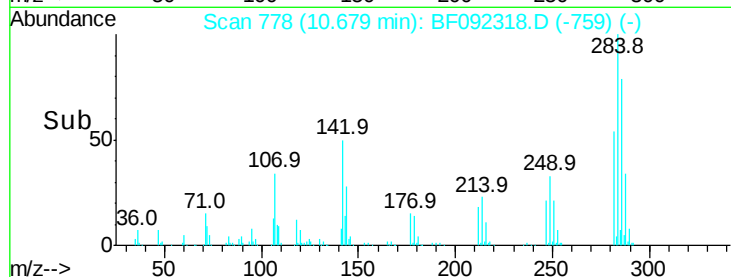
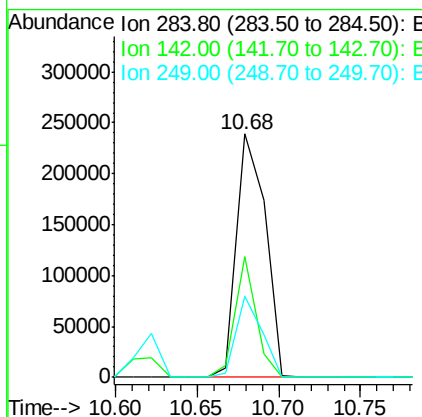
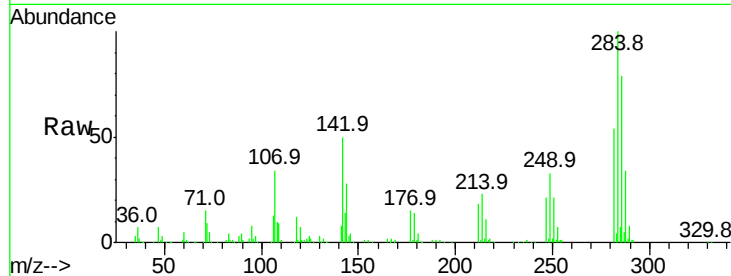
#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 10.68 min Scan# 778
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	291191		
142	49.8	22.6	33.8#	
249	33.2	25.4	38.0	

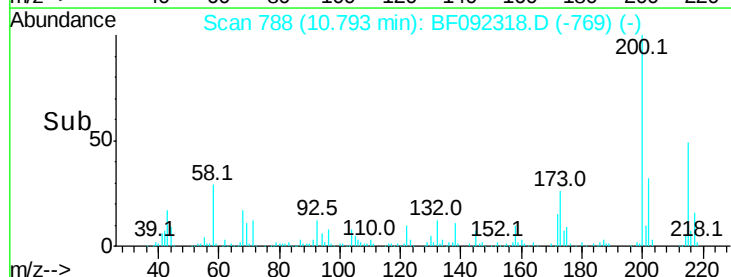
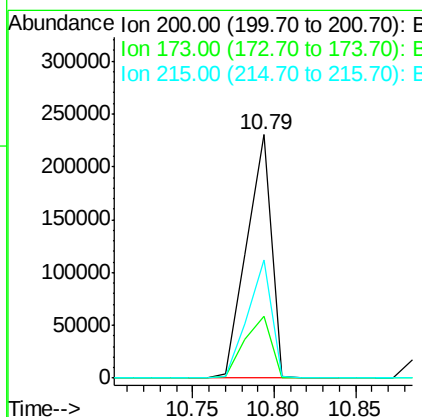
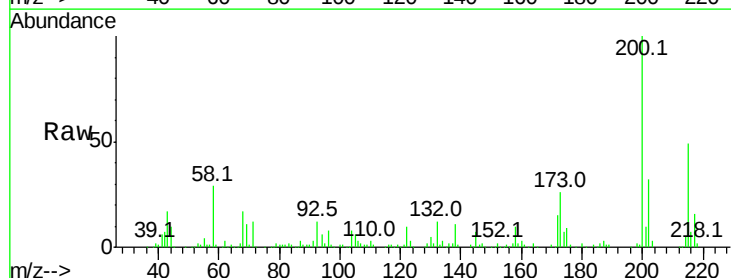
Manual Integrations
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#68
Atrazine
Concen: 35.84 ng
RT: 10.79 min Scan# 788
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	242878		
173	25.6	9.6	49.6	
215	48.7	25.7	65.7	





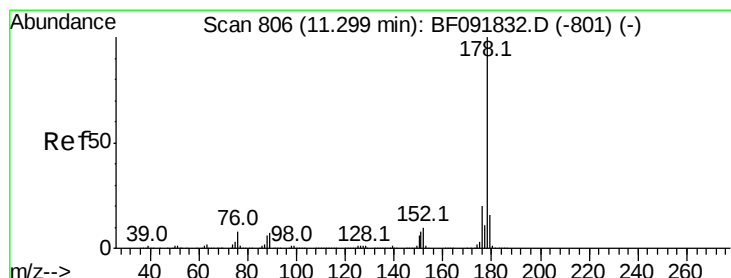
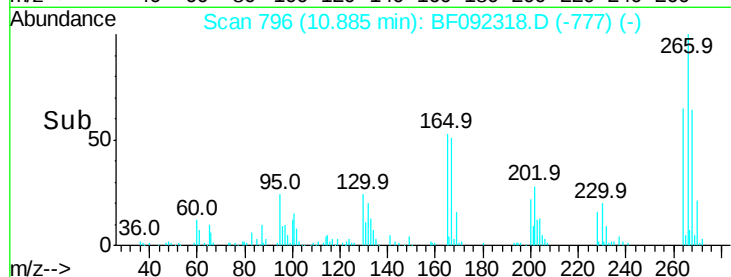
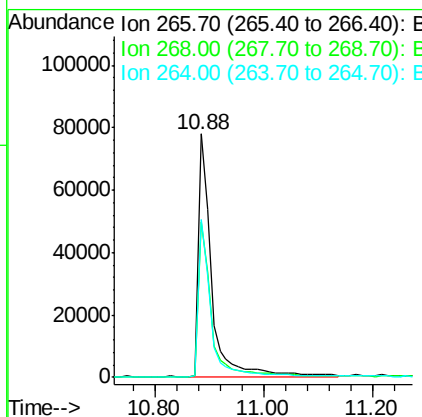
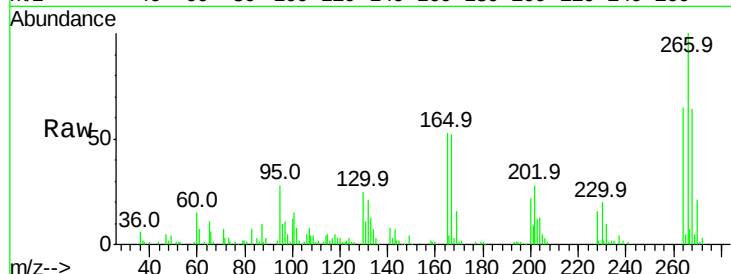
#69
 Pentachlorophenol
 Concen: 34.31 ng
 RT: 10.88 min Scan# 796
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132535		
268	63.7	53.3	79.9	
264	64.9	50.3	75.5	

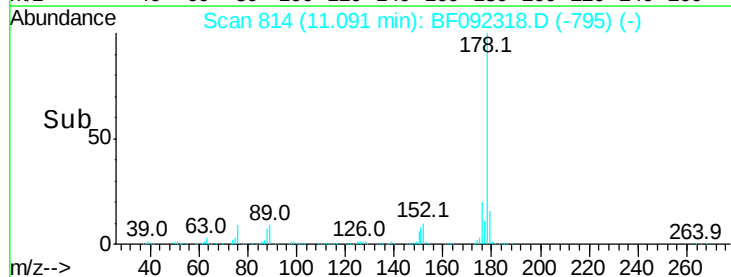
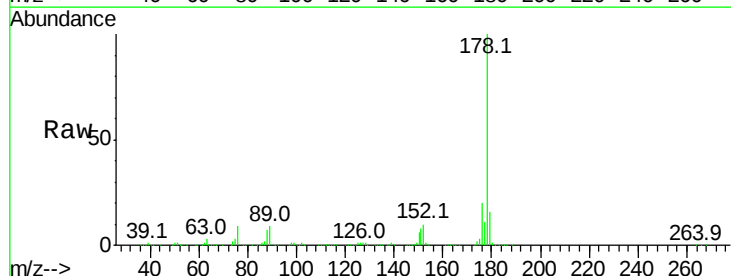
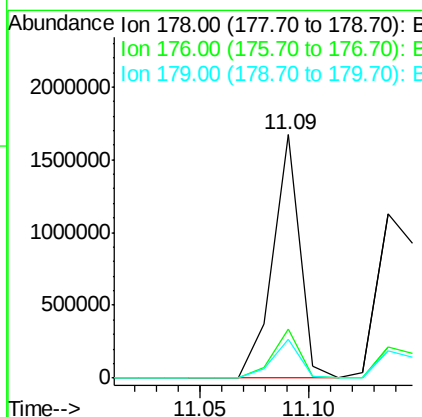
Manual Integrations
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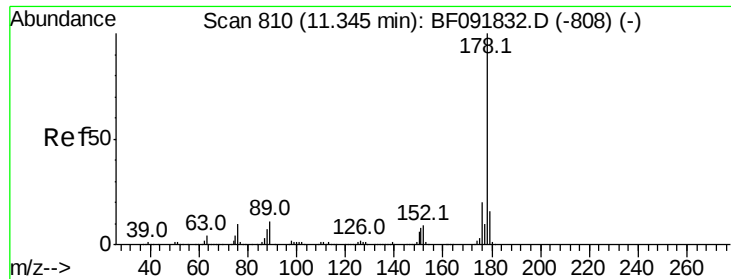
mohammad
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#70
 Phenanthrene
 Concen: 38.21 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1466963		
176	20.0	16.6	25.0	
179	15.8	12.8	19.2	





#71
 Anthracene
 Concen: 41.39 ng
 RT: 11.14 min Scan# 818
 Delta R.T. -0.10 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

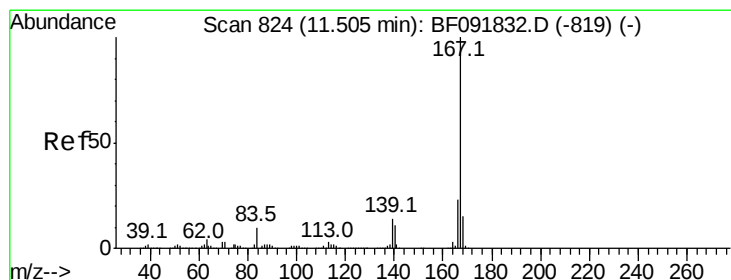
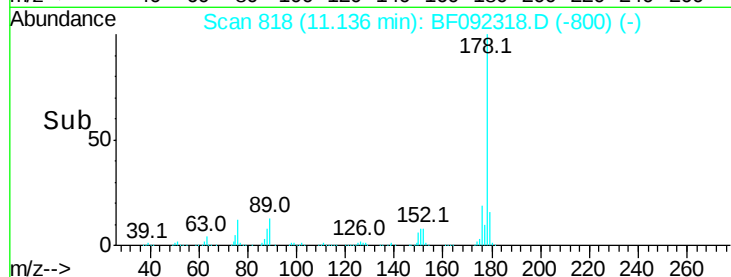
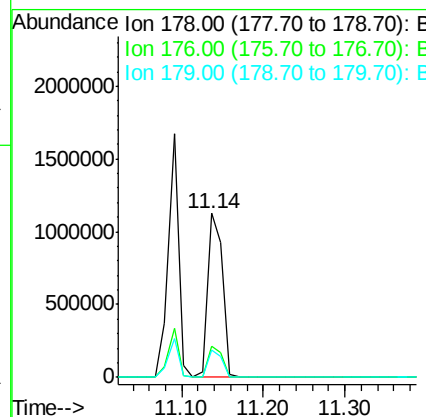
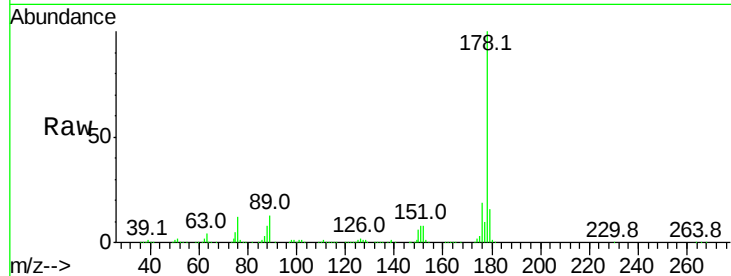
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1447992

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.4	13.2	19.8

Manual Integrations
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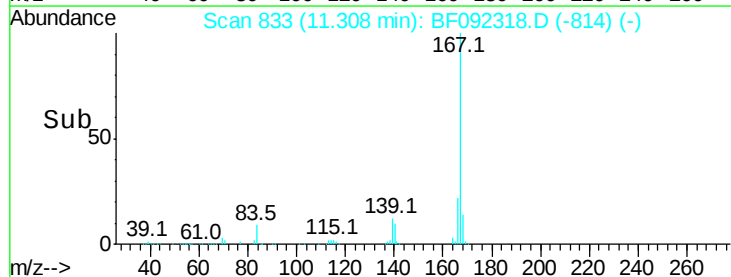
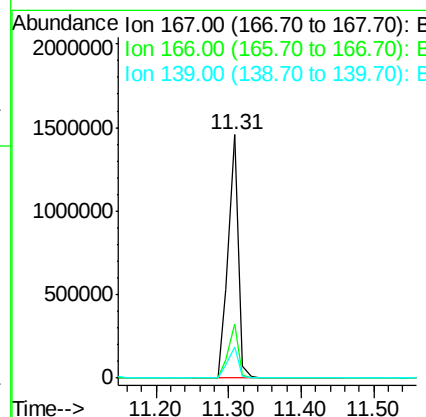
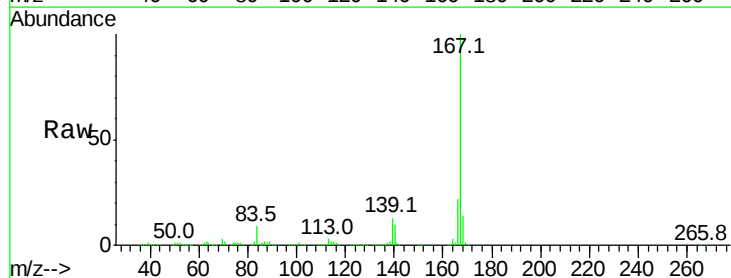
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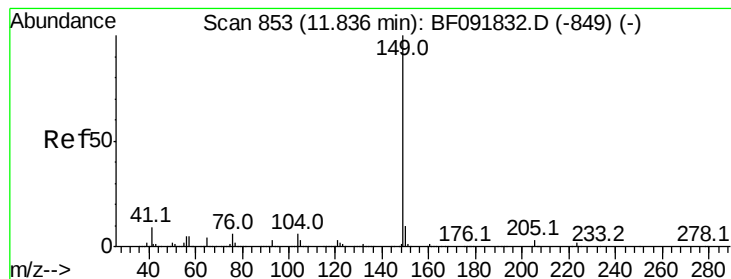


#72
 Carbazole
 Concen: 45.60 ng
 RT: 11.31 min Scan# 833
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Tgt Ion:167 Resp: 1433155

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	12.8	11.4	17.2





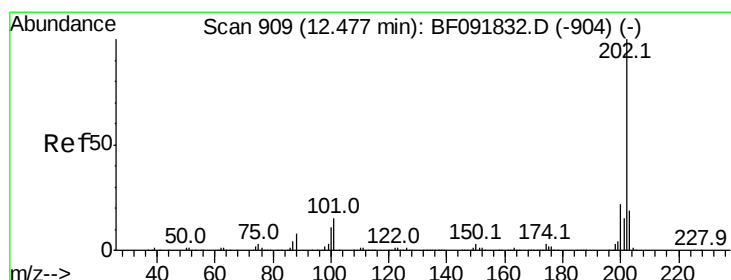
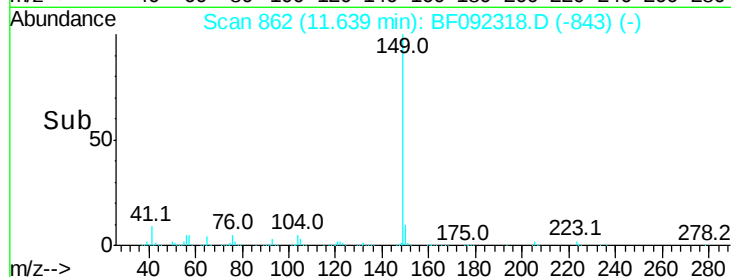
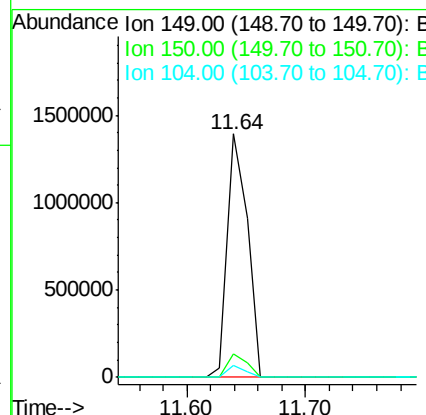
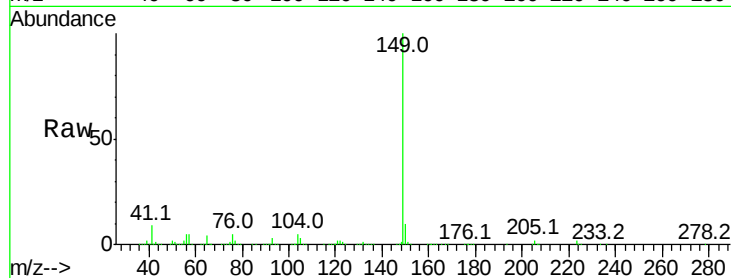
#73
Di-n-butylphthalate
Concen: 44.56 ng
RT: 11.64 min Scan# 862
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.2	4.6	7.0

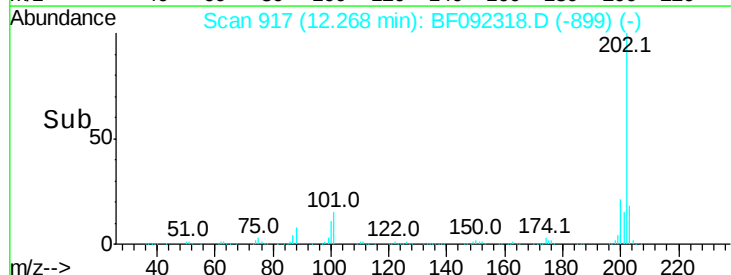
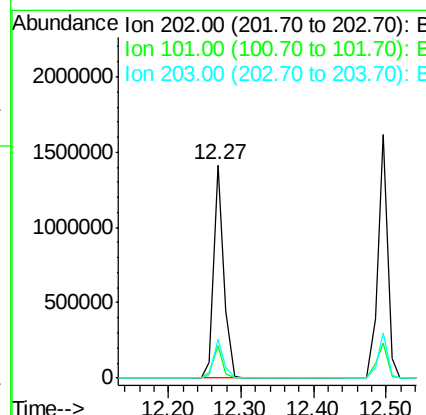
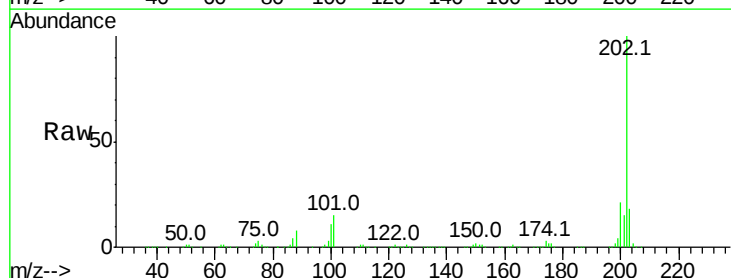
Manual Integrations
APPROVED

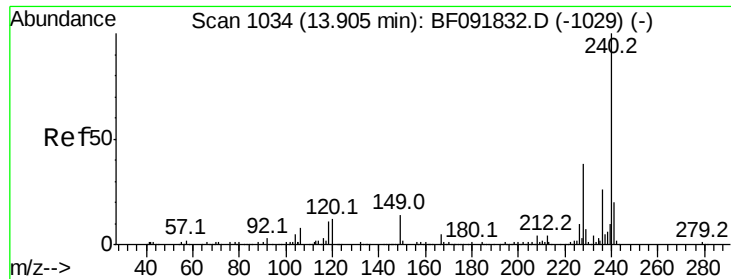
mohammad
1/18/2017 5:11:22 PM



#74
Fluoranthene
Concen: 39.95 ng
RT: 12.27 min Scan# 917
Delta R.T. -0.10 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.6
203	18.4	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

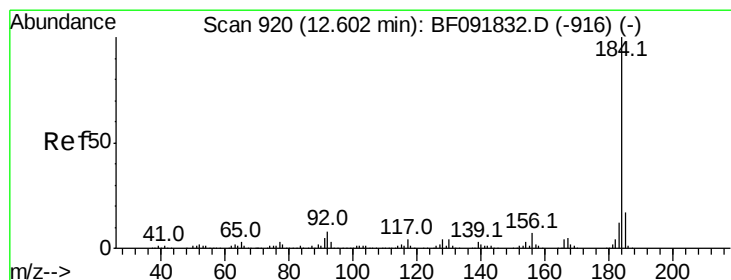
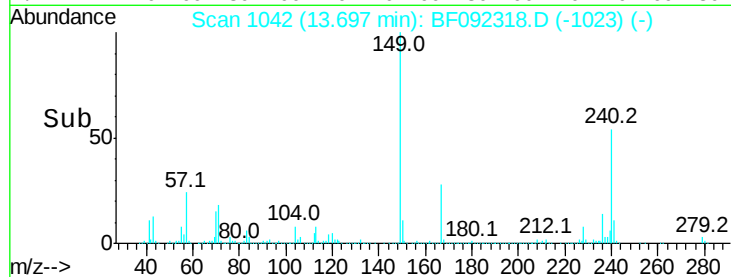
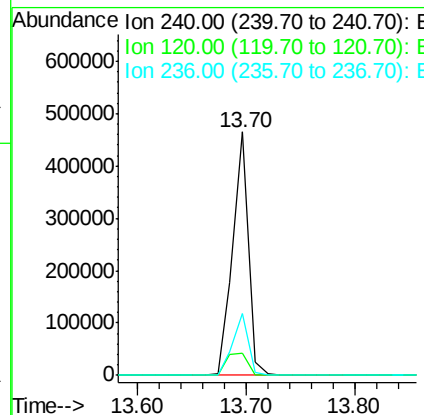
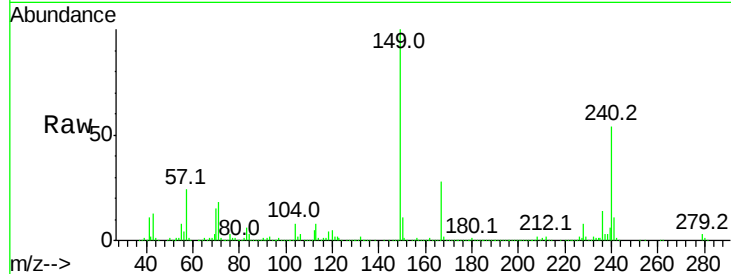
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.9	19.3#
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 65.81 ng

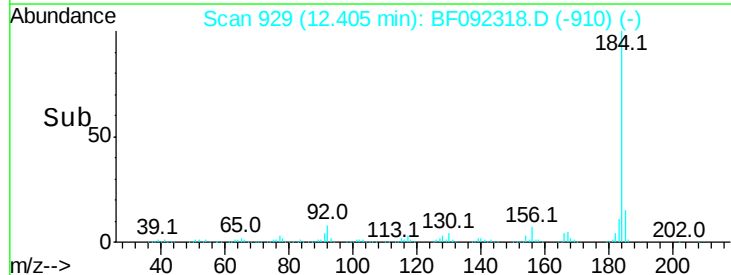
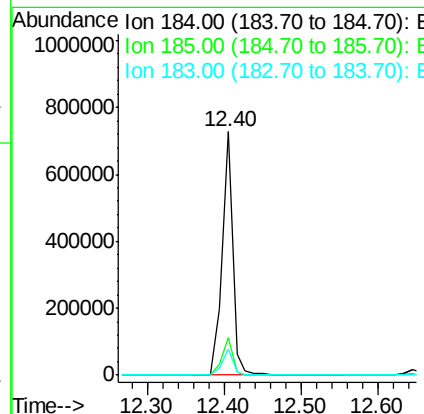
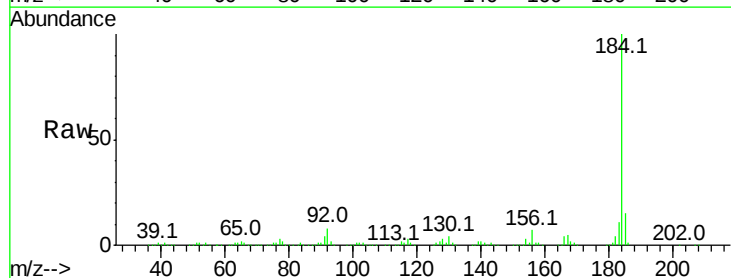
RT: 12.40 min Scan# 929

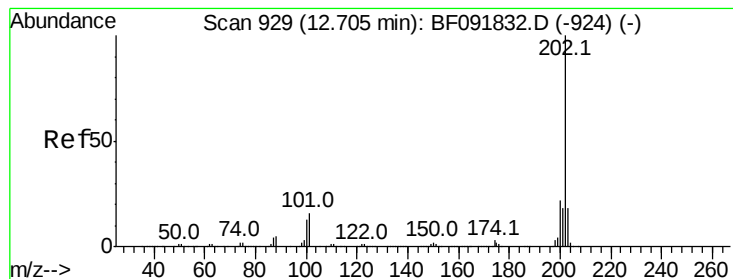
Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	10.9	9.2	13.8





#77

Pvrene

Concen: 43.56 ng

RT: 12.50 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1480579

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

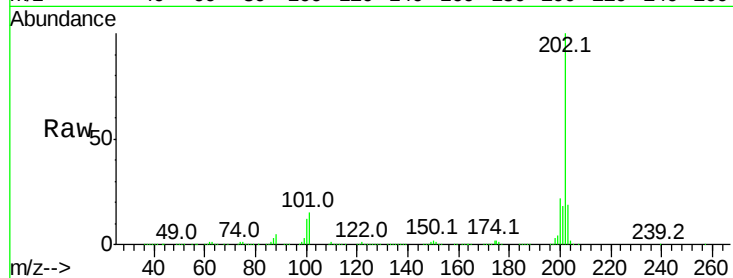
203 18.5 14.7 22.1

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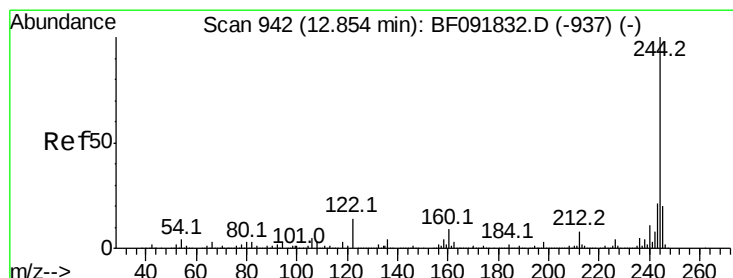
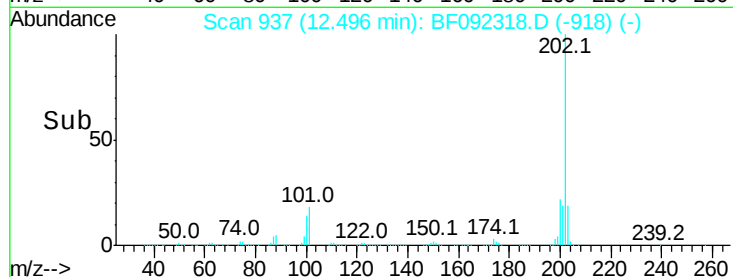
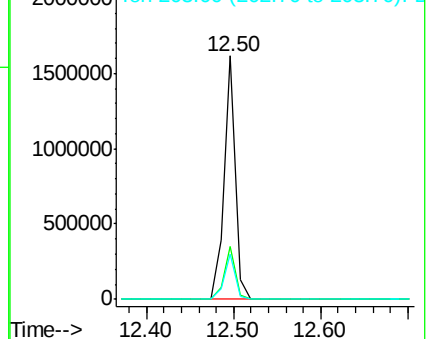
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.51 ng

RT: 12.64 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

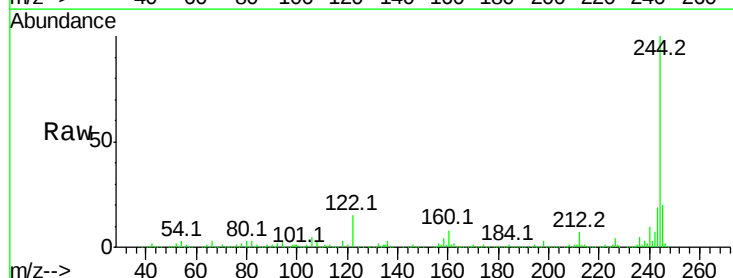
Tgt Ion:244 Resp: 1594958

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

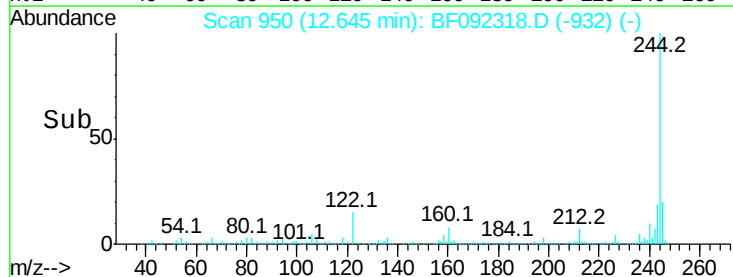
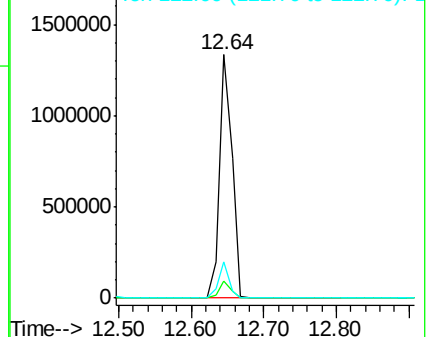
122 15.1 11.4 17.2

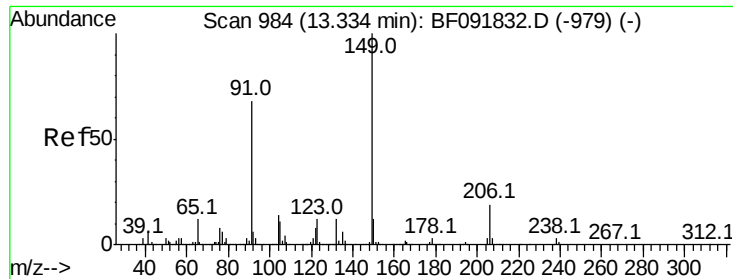


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





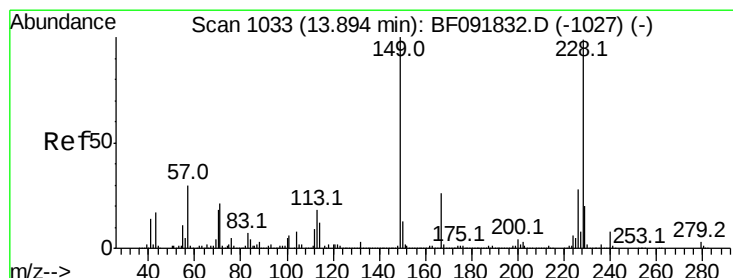
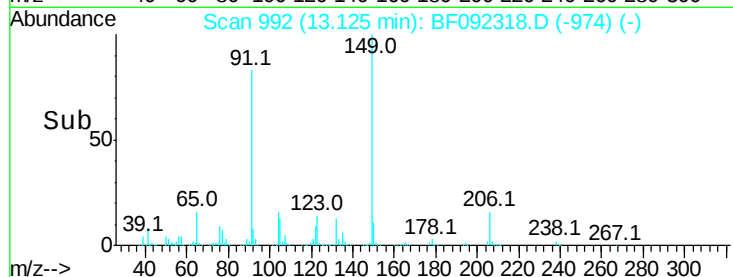
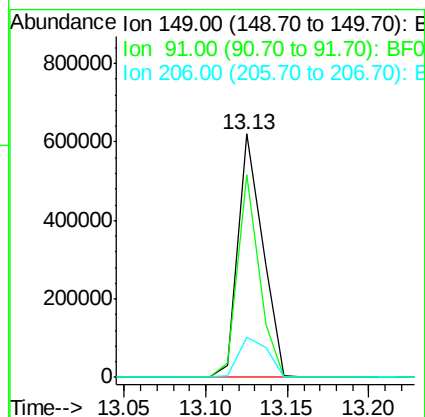
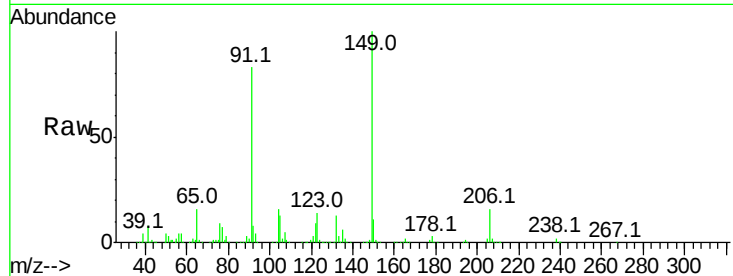
#79
Butylbenzylphthalate
Concen: 41.68 ng
RT: 13.13 min Scan# 992
Delta R.T. -0.10 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	644275		
91	83.3	63.9	95.9	
206	16.3	14.6	21.8	

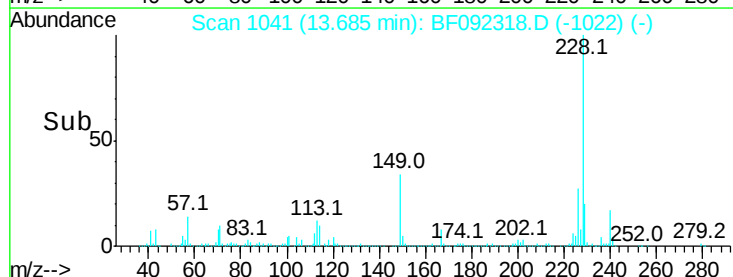
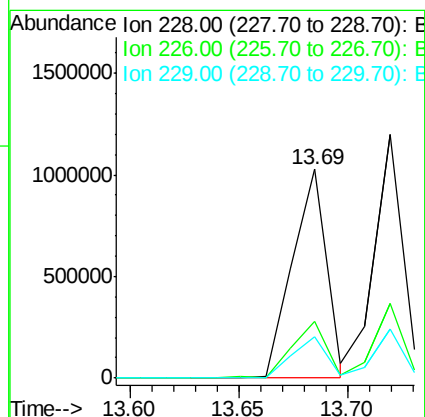
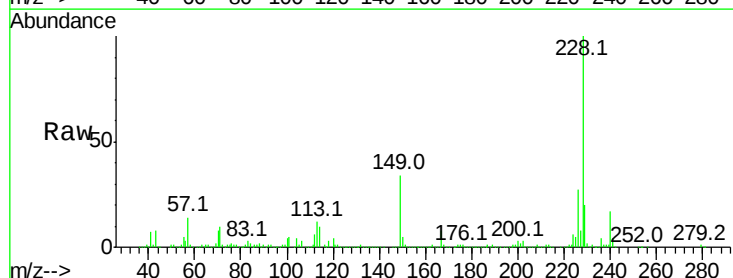
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#80
Benzo(a)anthracene
Concen: 43.21 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.09 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1129692		
226	27.2	22.4	33.6	
229	19.9	16.2	24.4	





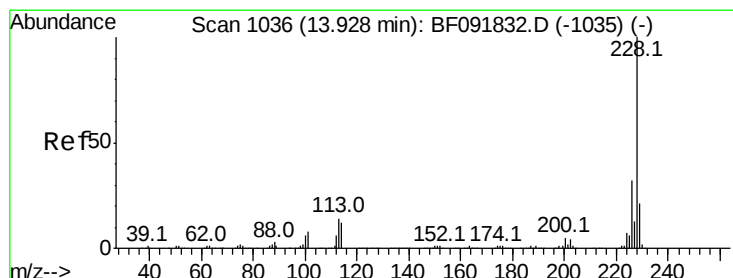
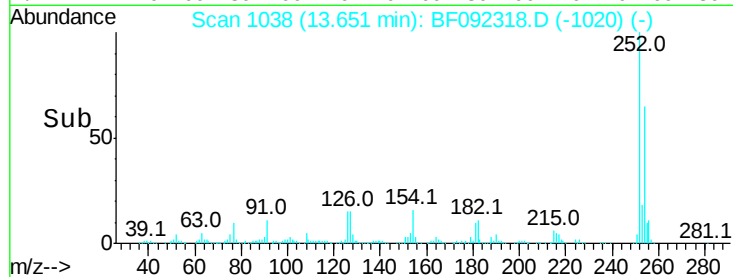
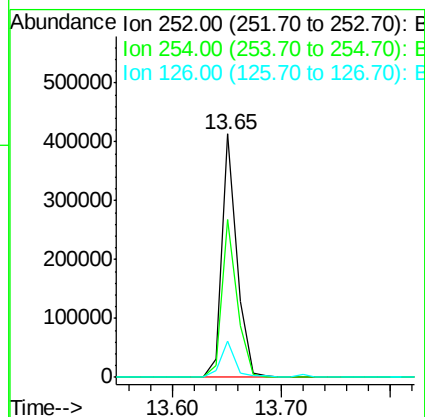
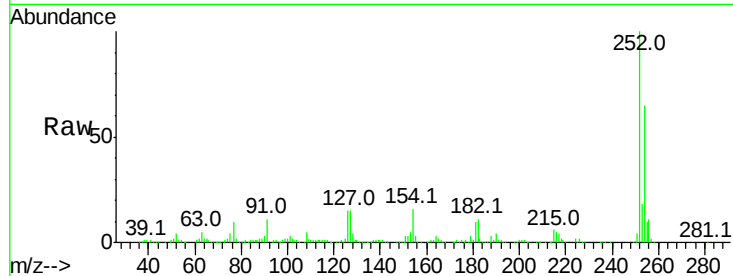
#81
 3,3'-Dichlorobenzidine
 Concen: 40.62 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. -0.10 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	14.9	13.6	20.4

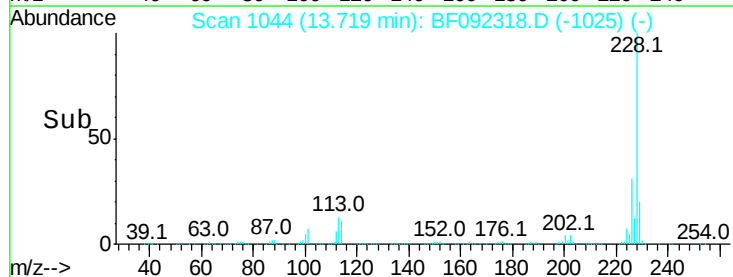
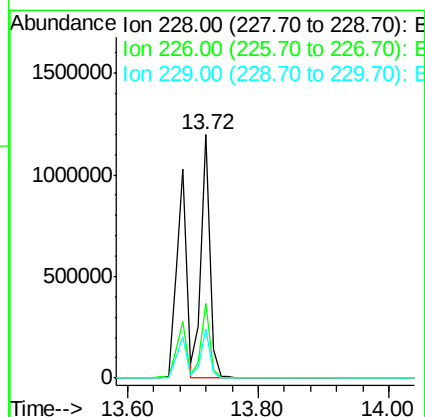
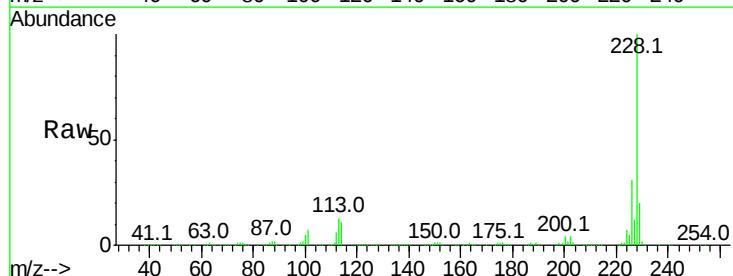
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#82
 Chrysene
 Concen: 42.48 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	20.0	16.2	24.2





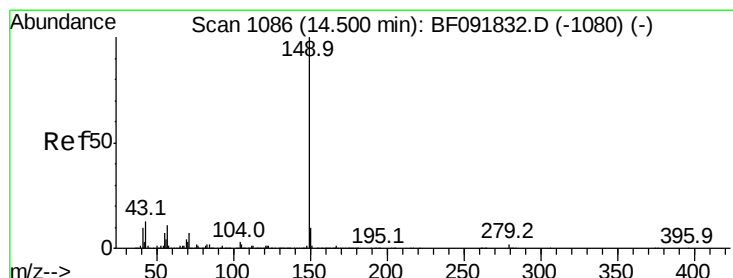
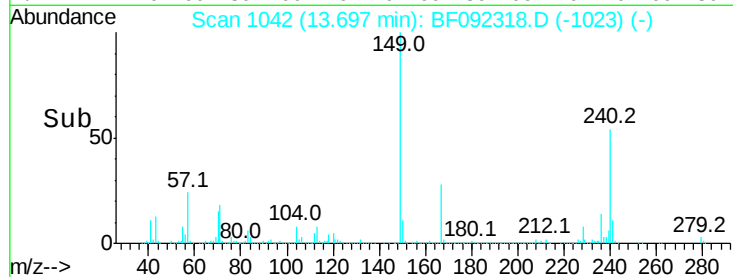
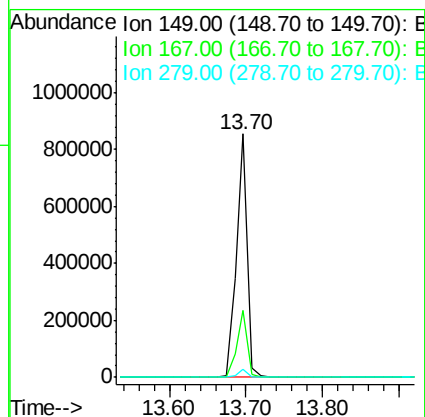
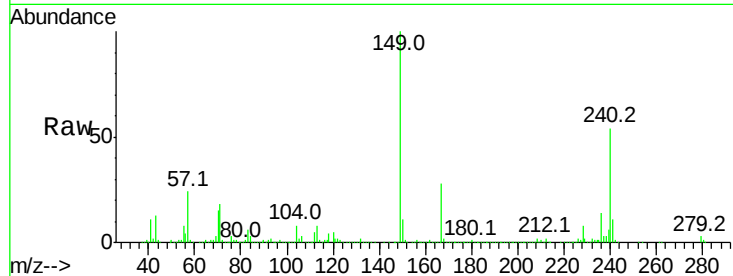
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.34 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.2	30.4
279	3.4	1.8	2.8

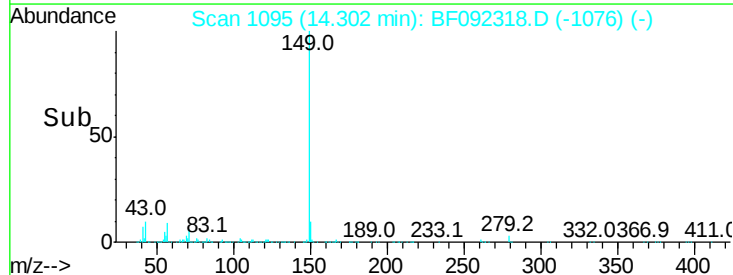
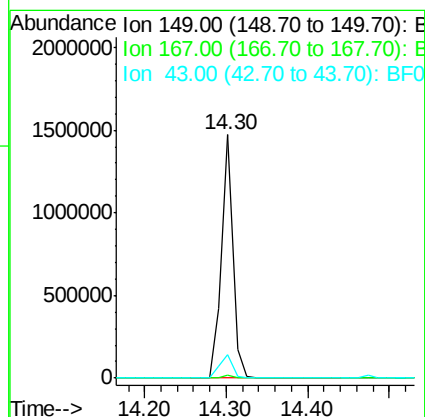
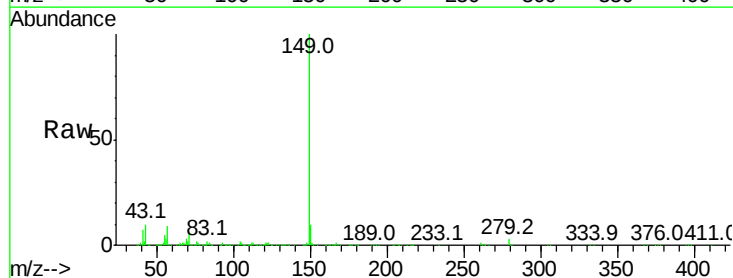
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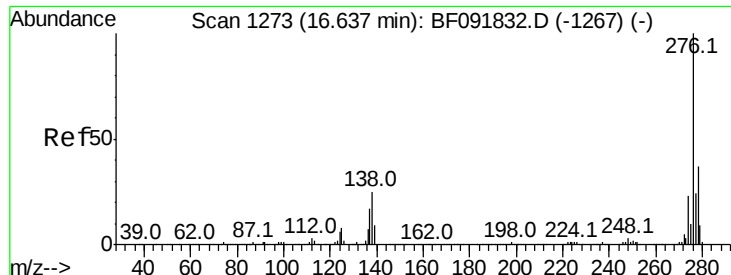
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#84
 Di-n-octyl phthalate
 Concen: 42.48 ng
 RT: 14.30 min Scan# 1095
 Delta R.T. -0.09 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	11.1	8.9	13.3





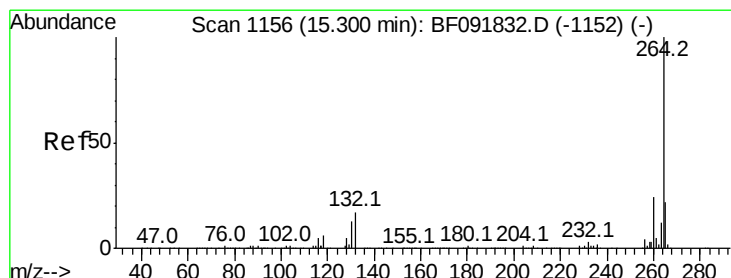
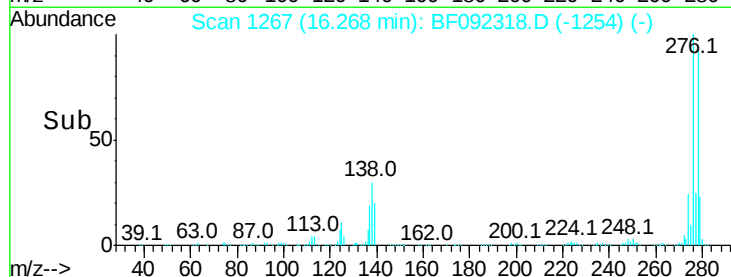
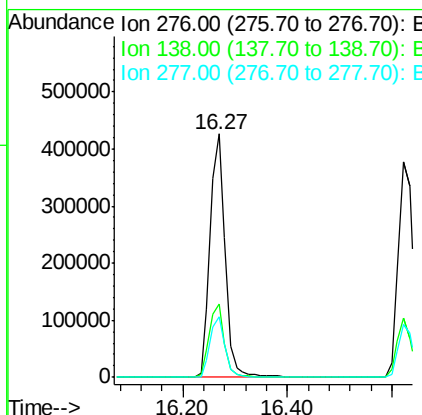
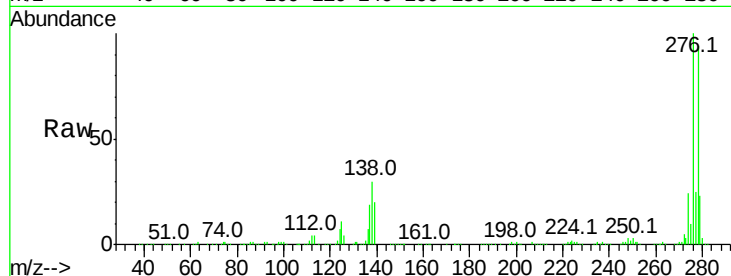
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.99 ng
RT: 16.27 min Scan# 1267
Delta R.T. -0.16 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	276	Resp:	863282
Ion Ratio	Lower	Upper	
276	100		
138	30.4	21.8	32.6
277	25.0	20.2	30.4

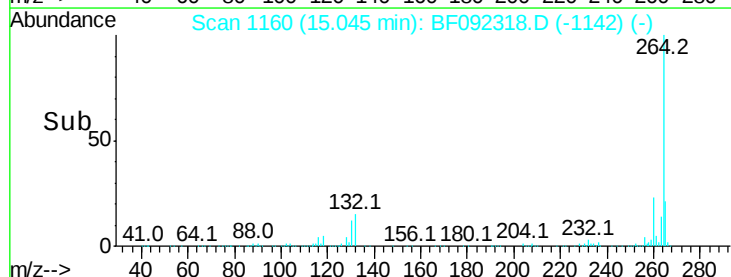
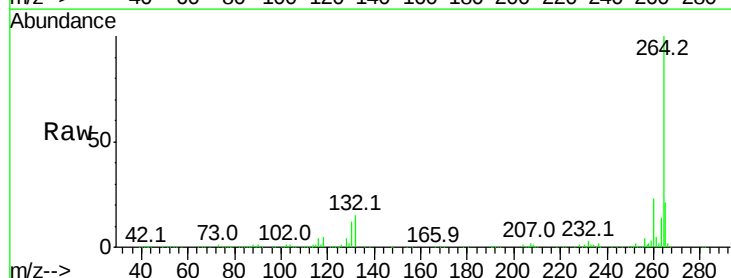
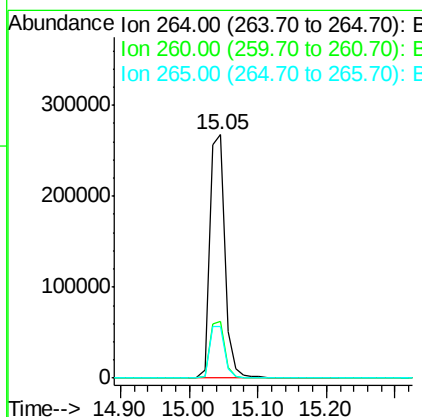
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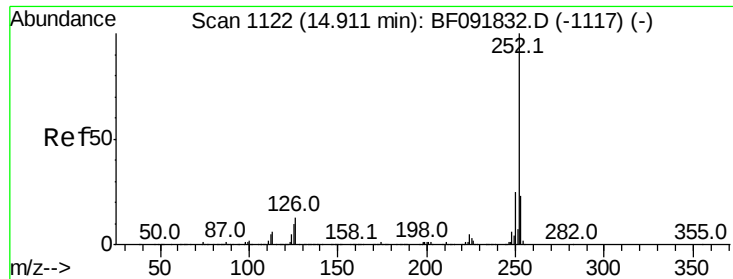
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion:	264	Resp:	416895
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.3	17.4	26.0





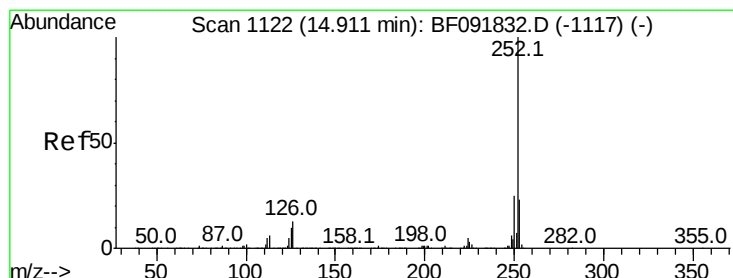
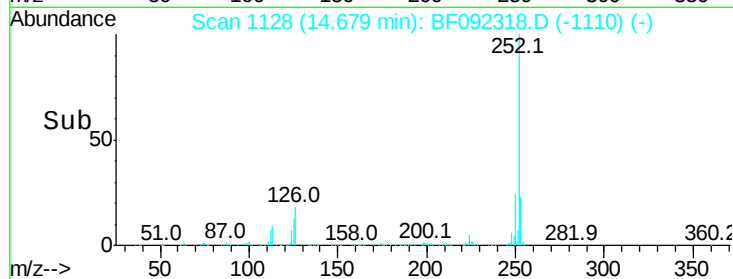
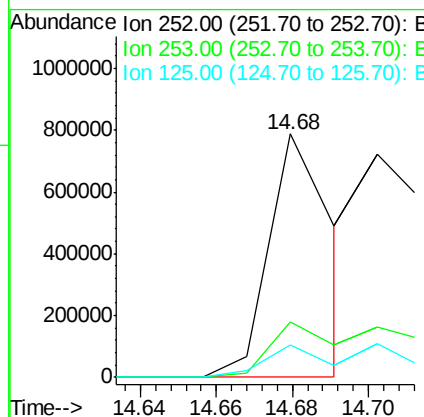
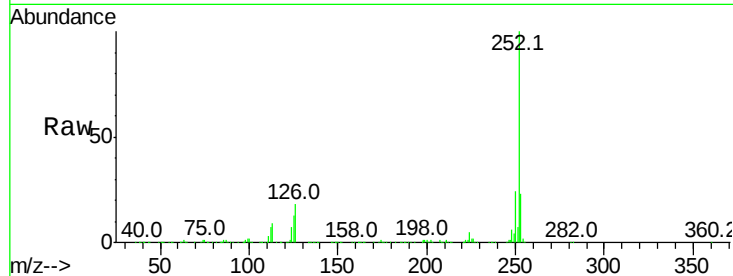
#87
Benzo(b)fluoranthene
Concen: 35.62 ng m
RT: 14.68 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	13.4	9.8	14.6

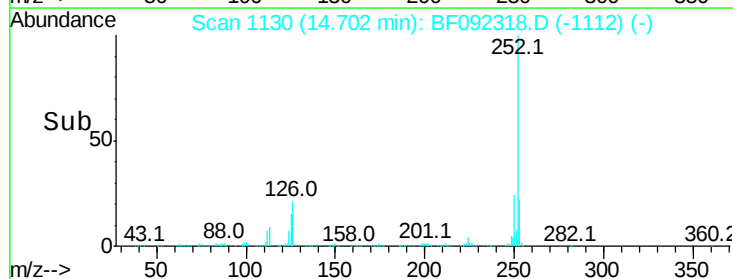
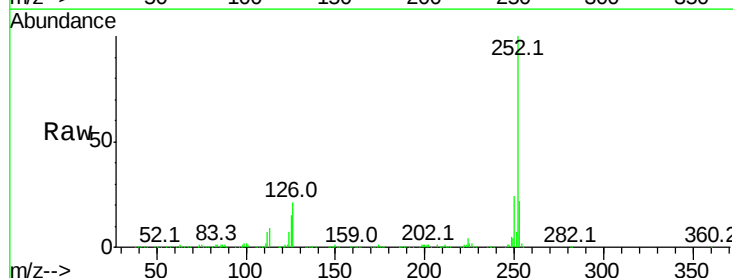
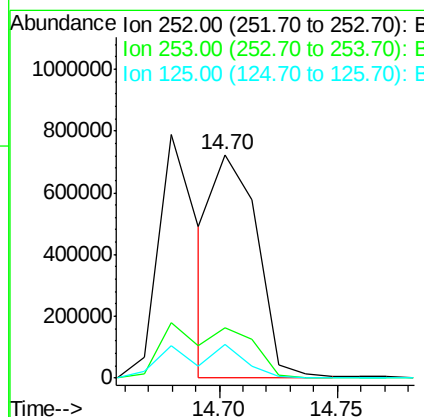
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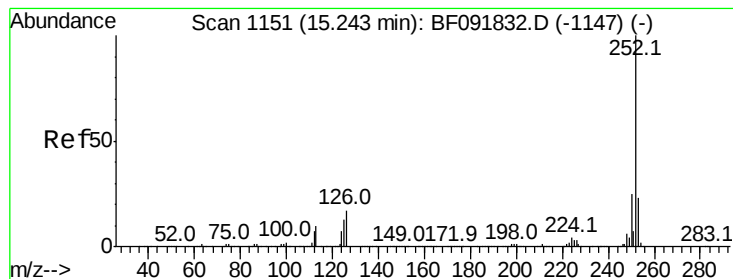
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#88
Benzo(k)fluoranthene
Concen: 42.19 ng m
RT: 14.70 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF092318.D
Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	15.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 37.75 ng

RT: 14.99 min Scan# 1155

Delta R.T. -0.11 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Instrument :

BNA_F

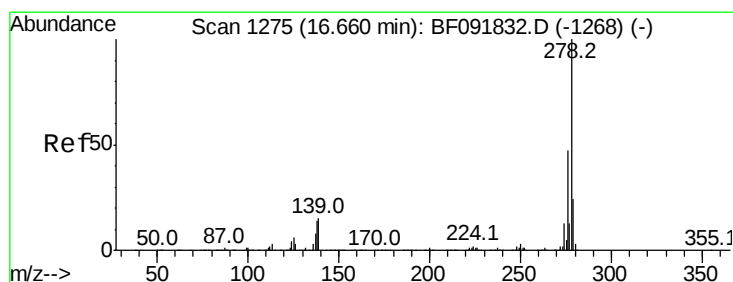
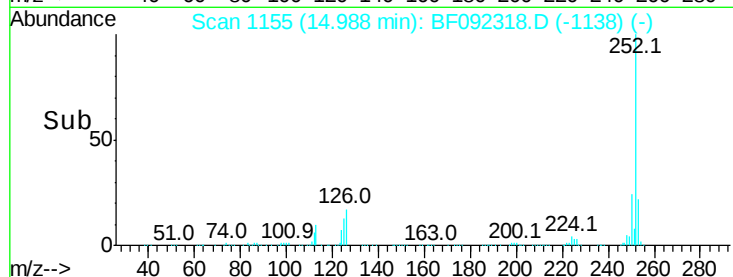
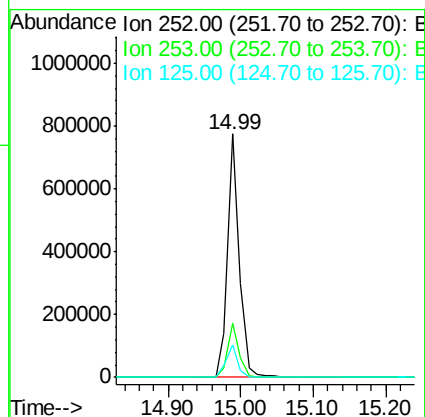
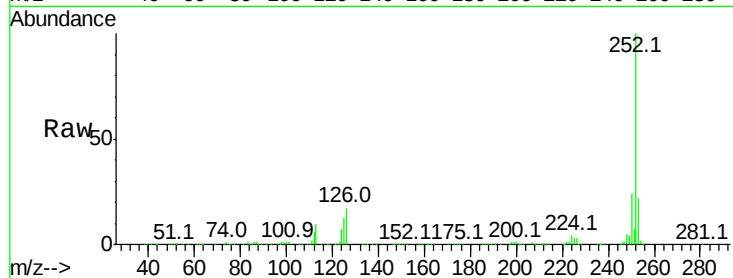
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.5	10.0	15.0

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#90

Dibenzo(a,h)anthracene

Concen: 38.88 ng

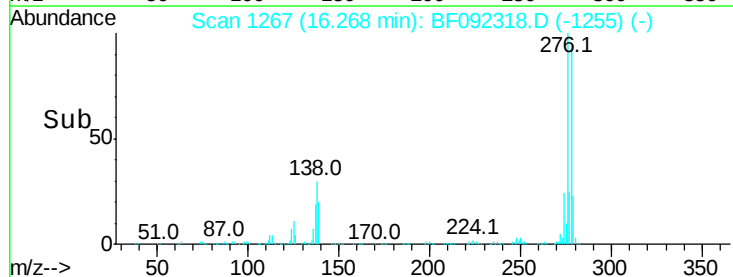
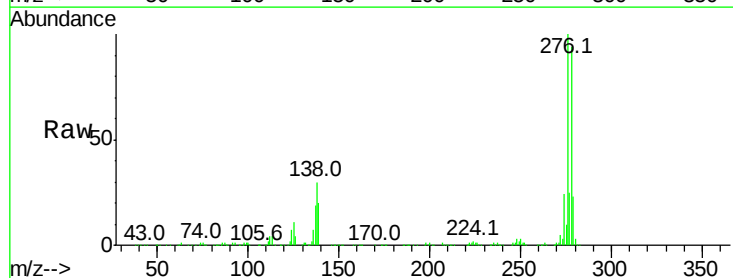
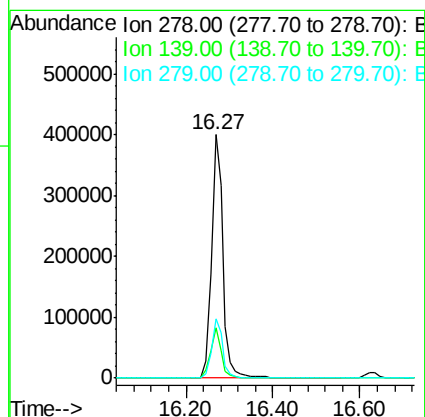
RT: 16.27 min Scan# 1267

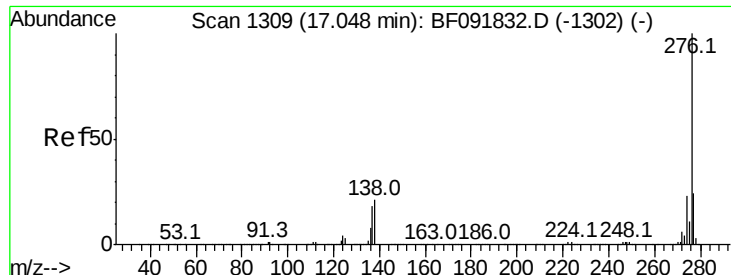
Delta R.T. -0.17 min

Lab File: BF092318.D

Acq: 17 Jan 2017 16:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.51 ng
 RT: 16.62 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF092318.D
 Acq: 17 Jan 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	27.4	16.0	24.0

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