

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092391.D
 Acq On : 21 Jan 2017 2:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

1/25/2017 11:41:30 AM

Quant Time: Jan 21 03:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	110288	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	660894	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	289748	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	416760	20.00	ng	0.00
75) Chrysene-d12	13.67	240	274248	20.00	ng	0.01
86) Perylene-d12	15.02	264	231092	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	629267	95.27	ng	0.01
7) Phenol-d6	6.20	99	711131	88.18	ng	0.01
23) Nitrobenzene-d5	7.10	82	900171	75.74	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	164609	68.65	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1472416	107.54	ng	0.00
78) Terphenyl-d14	12.62	244	1049147	92.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.91	88	231791	71.28	ng	98
3) Pyridine	2.52	79	438738	38.66	ng	99
4) n-Nitrosodimethylamine	2.48	42	185218	43.26	ng	91
6) Aniline	6.19	93	450147	42.98	ng	# 48
8) 2-Chlorophenol	6.31	128	321194	42.75	ng	96
9) Benzaldehyde	6.06	77	208076	49.44	ng	89
10) Phenol	6.21	94	438979	47.77	ng	# 71
11) bis(2-Chloroethyl)ether	6.27	93	304110	41.59	ng	99
12) 1,3-Dichlorobenzene	6.46	146	350461	43.69	ng	# 93
13) 1,4-Dichlorobenzene	6.54	146	361397	44.27	ng	97
14) 1,2-Dichlorobenzene	6.69	146	325175	45.90	ng	95
15) Benzyl Alcohol	6.69	79	281372	44.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	574519	52.76	ng	# 29
17) 2-Methylphenol	6.82	107	326762	54.08	ng	# 88
18) Hexachloroethane	7.03	117	133430	44.09	ng	98
19) n-Nitroso-di-n-propylamine	6.96	70	364340	67.91	ng	# 85
20) 3+4-Methylphenols	6.98	107	518379	71.93	ng	# 70
22) Acetophenone	6.95	105	722654	44.33	ng	# 88
24) Nitrobenzene	7.12	77	523833	41.38	ng	# 84
25) Isophorone	7.36	82	895268	40.83	ng	98
26) 2-Nitrophenol	7.44	139	150120	24.05	ng	# 78
27) 2,4-Dimethylphenol	7.50	122	414865	40.07	ng	92
28) bis(2-Chloroethoxy)methane	7.58	93	546757	41.12	ng	99
29) 2,4-Dichlorophenol	7.70	162	345314	39.39	ng	94
30) 1,2,4-Trichlorobenzene	7.76	180	399783	41.61	ng	99
31) Naphthalene	7.83	128	1234704	40.82	ng	100
32) Benzoic acid	7.64	122	155403m	20.24	ng	
33) 4-Chloroaniline	7.90	127	567924	41.64	ng	96
34) Hexachlorobutadiene	7.96	225	225580	44.48	ng	99
35) Caprolactam	8.28	113	98299	34.12	ng	# 68
36) 4-Chloro-3-methylphenol	8.40	107	377760	37.44	ng	96
37) 2-Methylnaphthalene	8.53	142	811350	43.86	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	333074	45.50	ng	99
40) Hexachlorocyclopentadiene	8.68	237	4314	5.24	ng	98

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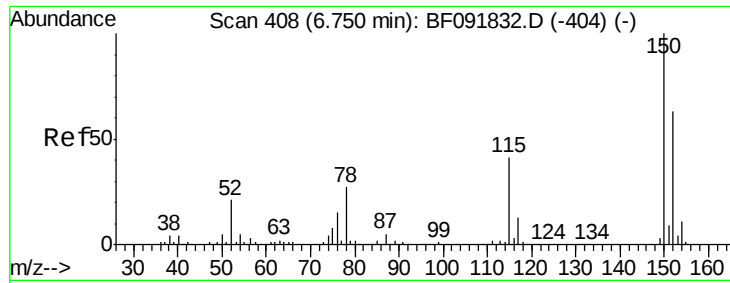
mohammad

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	205110	40.06	ng	96
43) 2,4,5-Trichlorophenol	8.87	196	193778	36.78	ng #	90
45) 1,1'-Biphenyl	8.99	154	910233	45.88	ng	95
46) 2-Chloronaphthalene	9.01	162	664671	42.31	ng	94
47) 2-Nitroaniline	9.12	65	258140	46.15	ng	87
48) Acenaphthylene	9.42	152	989252	40.94	ng	99
49) Dimethylphthalate	9.31	163	879971	47.48	ng	100
50) 2,6-Dinitrotoluene	9.36	165	135343	33.37	ng #	70
51) Acenaphthene	9.59	154	628036	38.34	ng	99
52) 3-Nitroaniline	9.54	138	237938	47.40	ng	95
54) Dibenzofuran	9.76	168	866617	39.17	ng	100
55) 4-Nitrophenol	9.74	139	106076m	31.12	ng	
56) 2,4-Dinitrotoluene	9.78	165	169328	33.26	ng #	87
57) Fluorene	10.11	166	654064	40.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	146177	35.08	ng	94
59) Diethylphthalate	10.00	149	796016	44.23	ng	94
60) 4-Chlorophenyl-phenylether	10.11	204	317963	45.12	ng #	85
61) 4-Nitroaniline	10.15	138	249971	48.05	ng #	75
62) Azobenzene	10.27	77	785440	39.64	ng	84
65) n-Nitrosodiphenylamine	10.22	169	572470	46.29	ng	98
66) 4-Bromophenyl-phenylether	10.59	248	190106	43.85	ng	98
67) Hexachlorobenzene	10.66	284	194694	42.02	ng	96
68) Atrazine	10.76	200	117243	29.39	ng	98
69) Pentachlorophenol	10.86	266	94857	41.72	ng	98
70) Phenanthrene	11.06	178	886863	39.24	ng	98
71) Anthracene	11.11	178	939457	47.97	ng	98
72) Carbazole	11.27	167	826504	43.95	ng	98
73) Di-n-butylphthalate	11.62	149	1094223	51.71	ng	98
74) Fluoranthene	12.24	202	920872	46.58	ng	95
76) Benzidine	12.38	184	437506	71.42	ng	97
77) Pyrene	12.47	202	935028	46.47	ng	97
79) Butylbenzylphthalate	13.10	149	426905	46.65	ng	93
80) Benzo(a)anthracene	13.66	228	728397	47.05	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	306907	52.28	ng #	97
82) Chrysene	13.70	228	733968	47.27	ng	97
83) Bis(2-ethylhexyl)phthalate	13.67	149	589533	54.70	ng #	95
84) Di-n-octyl phthalate	14.28	149	1005972	50.39	ng	99
85) Indeno(1,2,3-cd)pyrene	16.23	276	513206	38.15	ng	98
87) Benzo(b)fluoranthene	14.66	252	571888m	39.75	ng	
88) Benzo(k)fluoranthene	14.68	252	582436m	47.47	ng	
89) Benzo(a)pyrene	14.97	252	533944	41.81	ng	100
90) Dibenzo(a,h)anthracene	16.23	278	440520	41.97	ng	99
91) Benzo(g,h,i)perylene	16.59	276	431081	39.50	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

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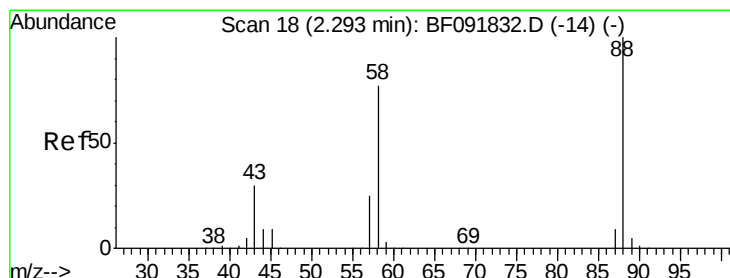
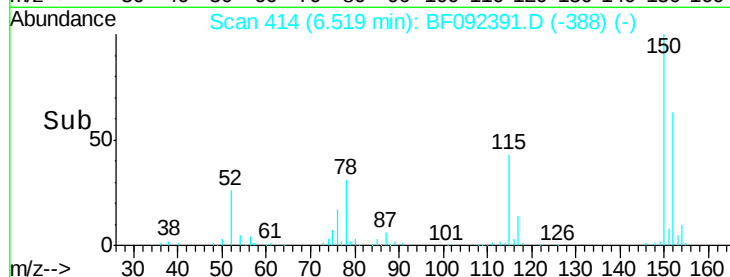
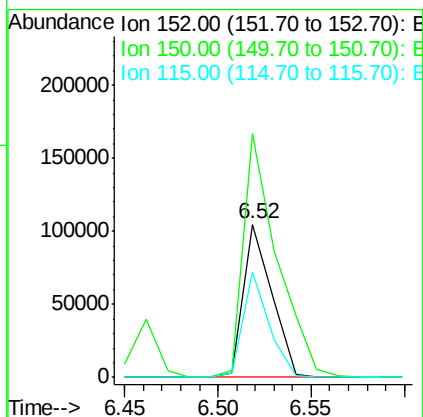
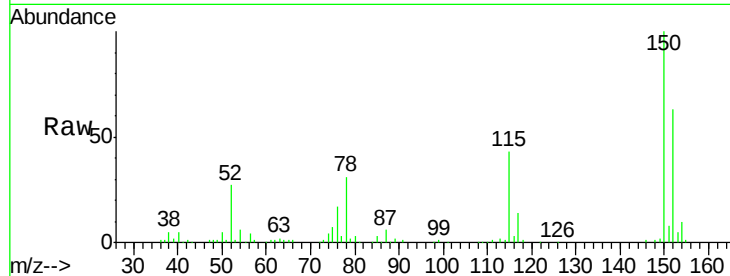
SSTDCCC040

Tgt Ion:	152	Resp:	110288
Ion Ratio	Lower	Upper	
152	100		
150	159.1	124.9	187.3
115	68.8	46.0	69.0

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#2

1,4-Dioxane

Concen: 71.28 ng

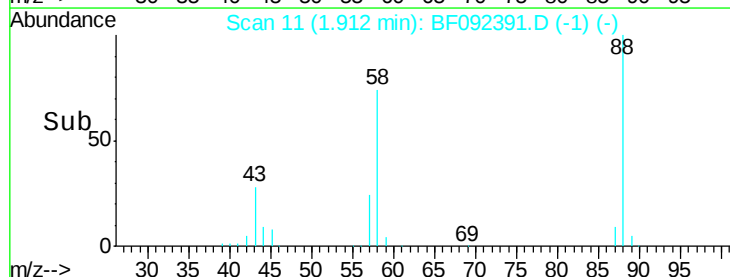
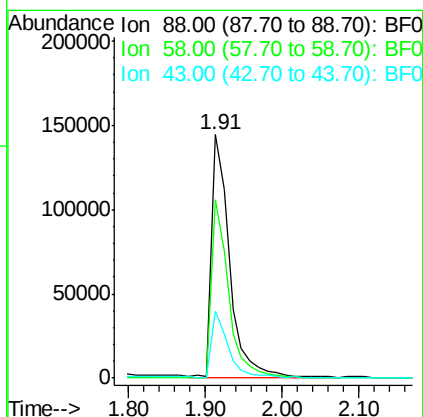
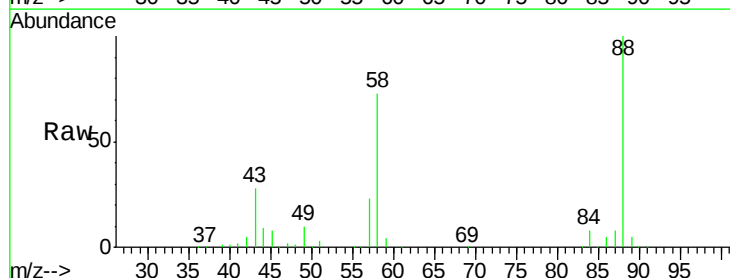
RT: 1.91 min Scan# 11

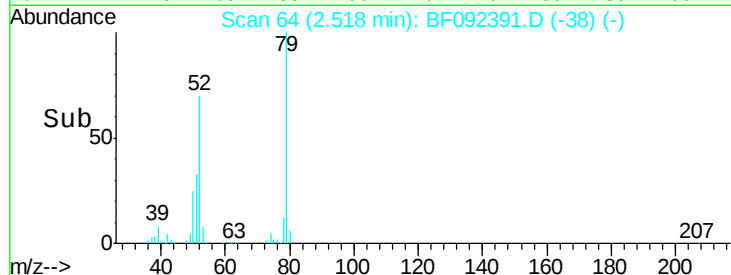
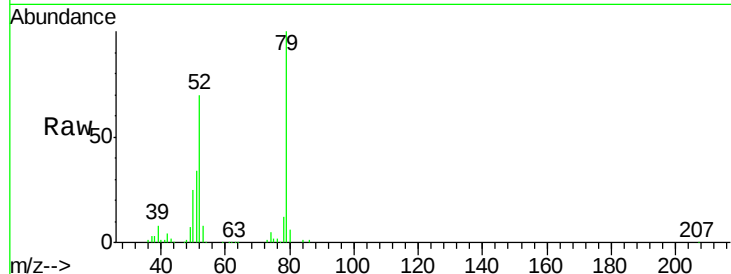
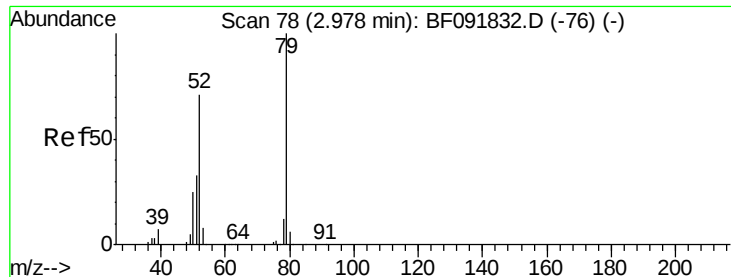
Delta R.T. -0.01 min

Lab File: BF092391.D

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Tgt Ion:	88	Resp:	231791
Ion Ratio	Lower	Upper	
88	100		
58	70.5	57.8	86.8
43	27.8	22.3	33.5





#3
 Pyridine
 Concen: 38.66 ng
 RT: 2.52 min Scan# 64
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

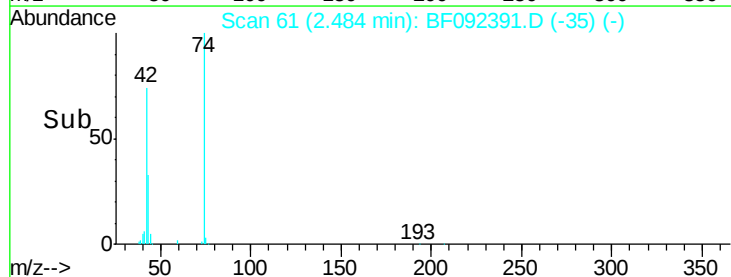
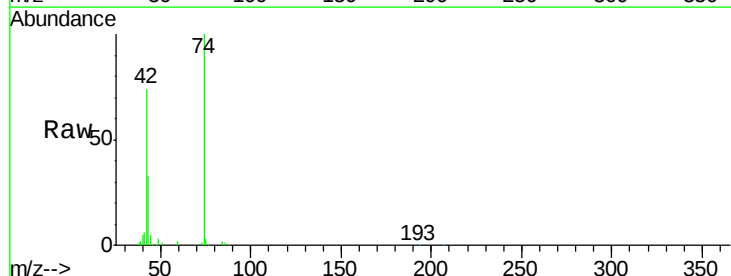
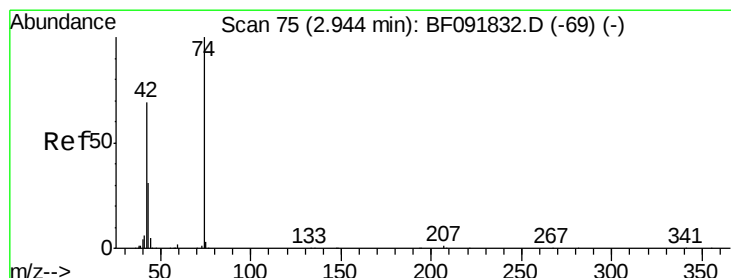
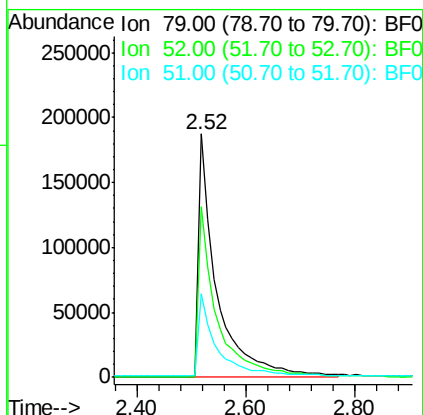
Tgt Ion:	79	Resp:	438738
Ion Ratio	Lower	Upper	
79	100		
52	69.9	57.1	85.7
51	34.2	27.3	40.9

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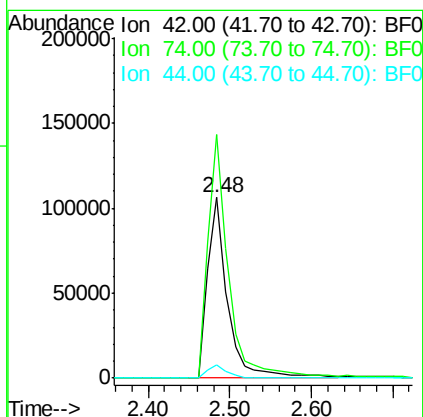
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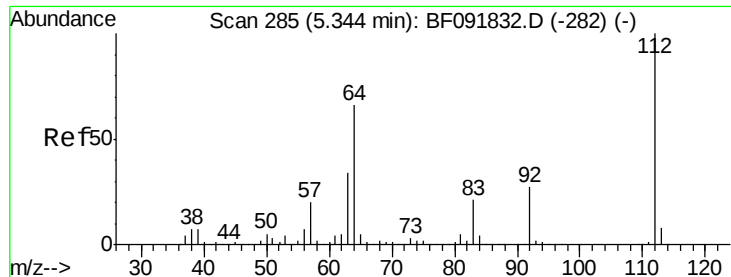
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#4
 n-Nitrosodimethylamine
 Concen: 43.26 ng
 RT: 2.48 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion:	42	Resp:	185218
Ion Ratio	Lower	Upper	
42	100		
74	134.9	117.0	175.4
44	7.3	5.5	8.3





#5
 2-Fluorophenol
 Concen: 95.27 ng
 RT: 5.10 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

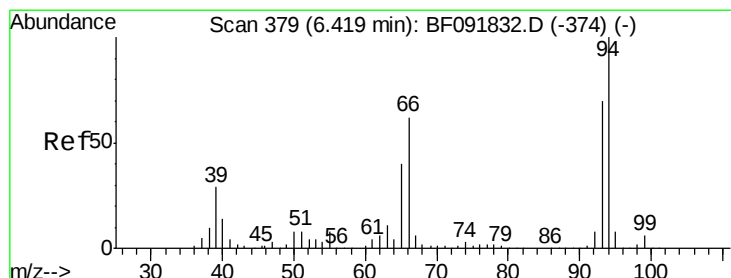
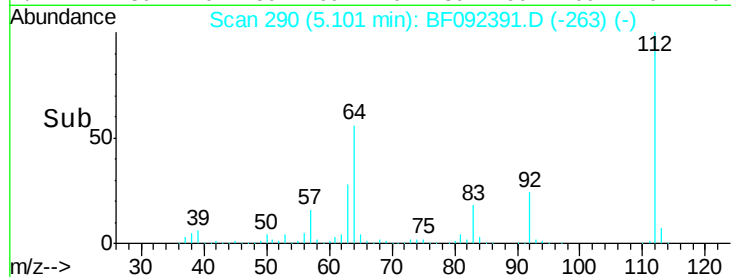
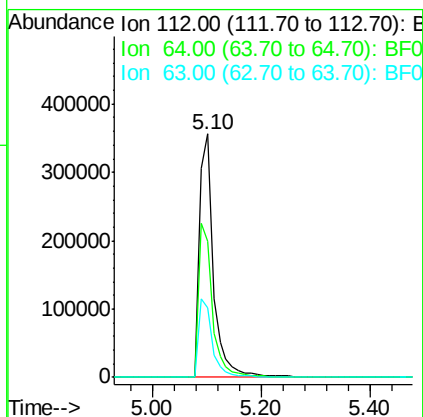
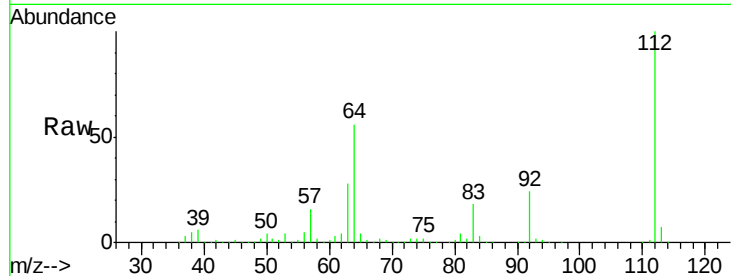
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	55.8	46.1	69.1
63	28.3	23.8	35.6

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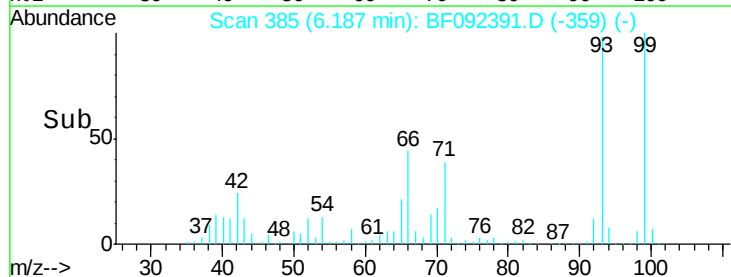
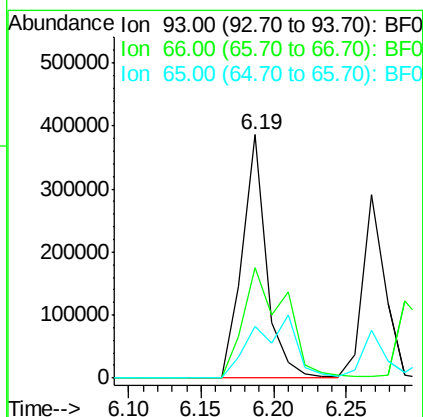
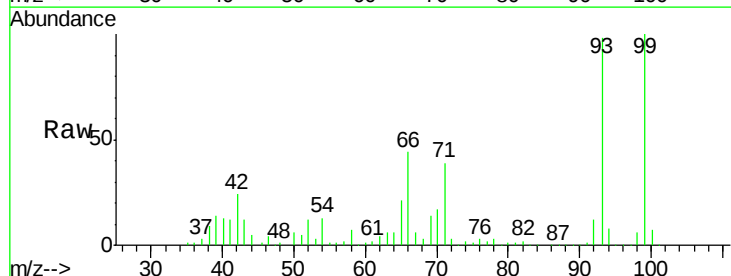
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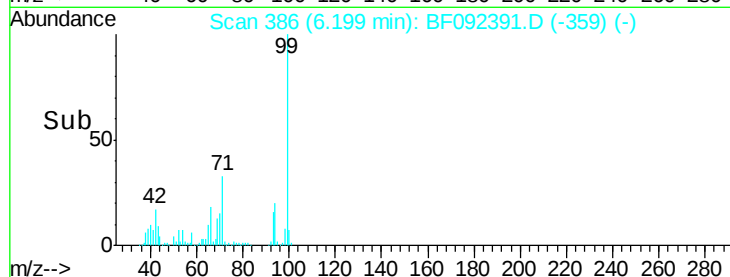
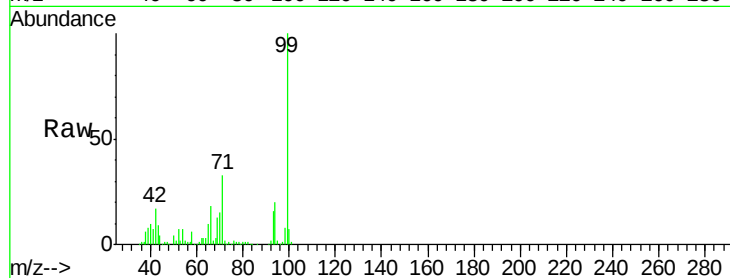
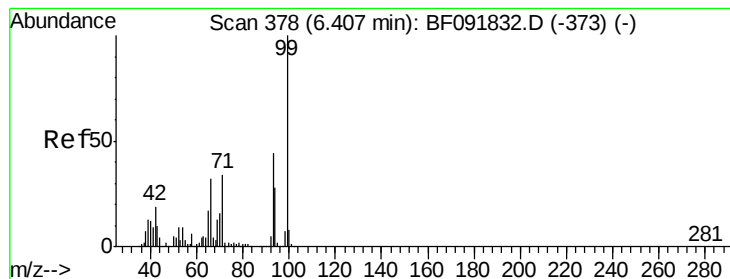
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#6
 Aniline
 Concen: 42.98 ng
 RT: 6.19 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	45.2	76.2	114.2#
65	21.1	49.3	73.9#





#7

Phenol-d6

Concen: 88.18 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	99	Resp:	711131
Ion Ratio	Lower	Upper	
99	100		
42	17.4	15.6	23.4
71	33.1	27.5	41.3

Instrument :

BNA_F

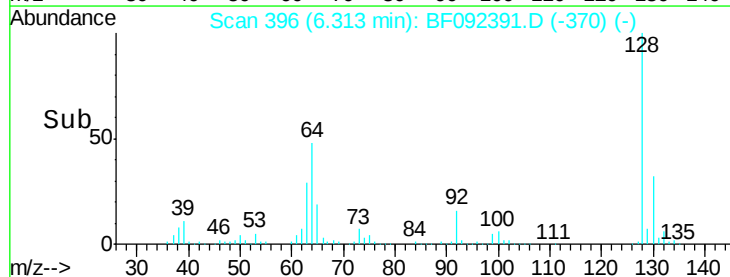
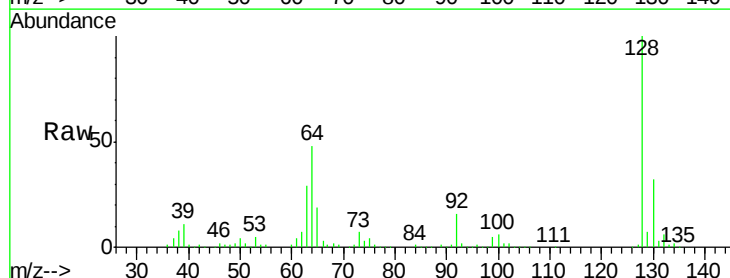
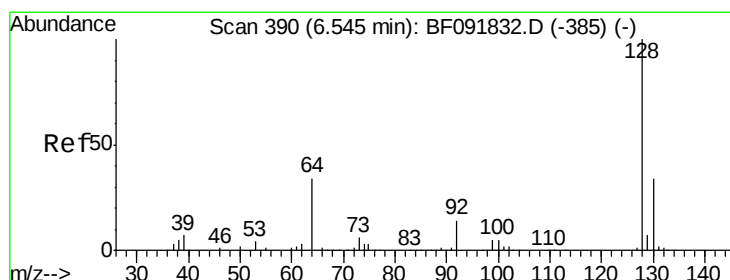
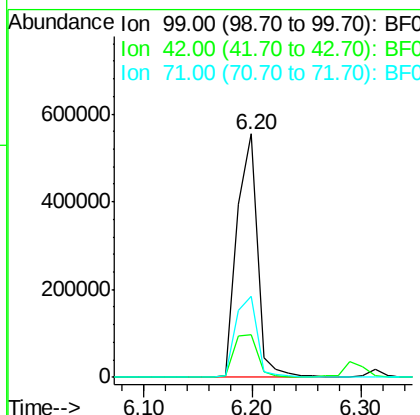
ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 42.75 ng

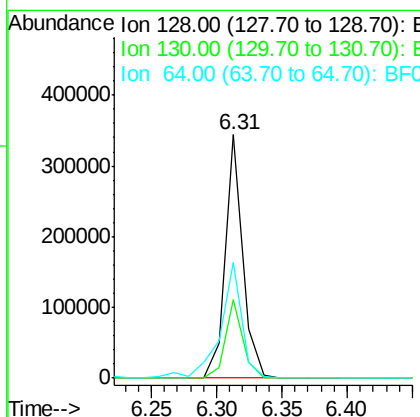
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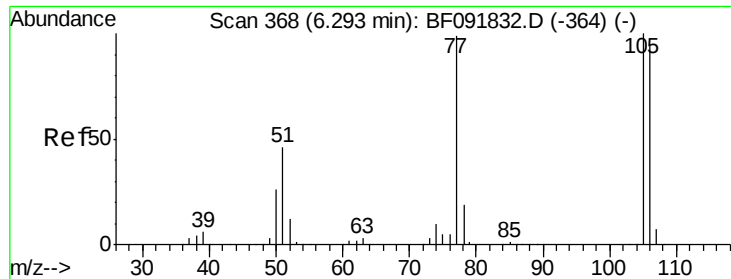
Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	128	Resp:	321194
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.3	52.3
64	47.6	32.2	72.2





#9
Benzaldehyde
Concen: 49.44 ng
RT: 6.06 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

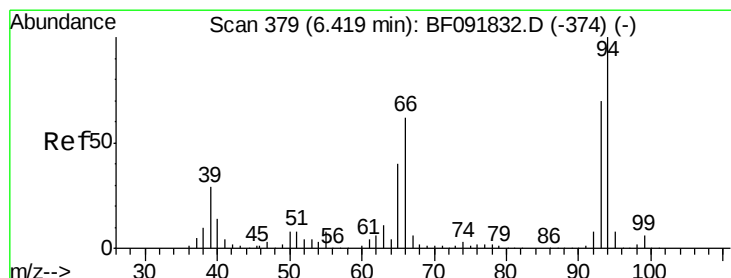
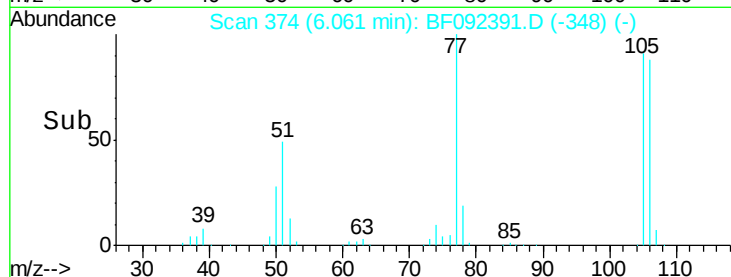
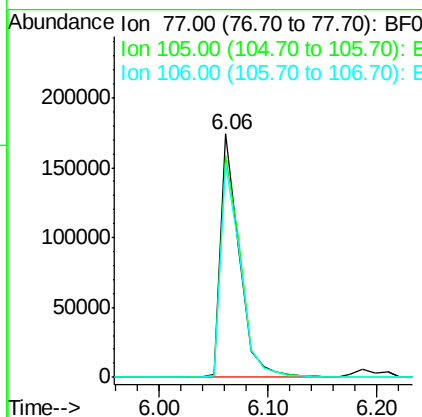
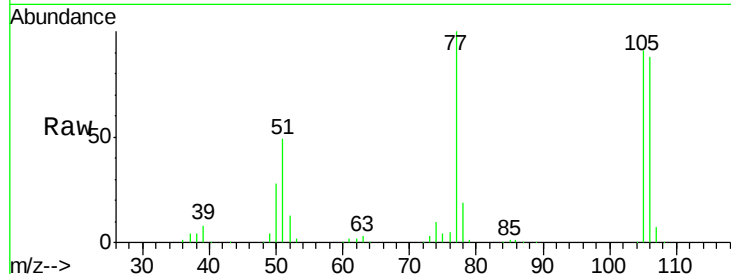
Instrument :
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Tgt Ion: 77 Resp: 208076
Ion Ratio Lower Upper
77 100
105 91.2 83.9 123.9
106 87.6 77.6 117.6

Manual Integrations
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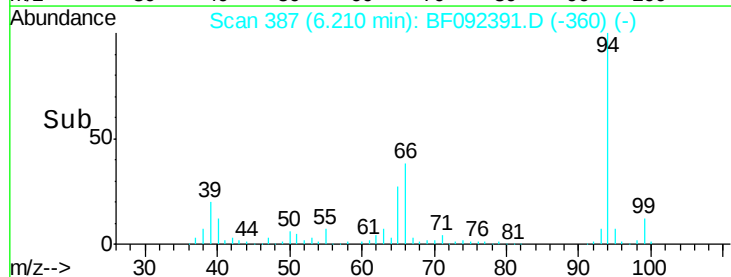
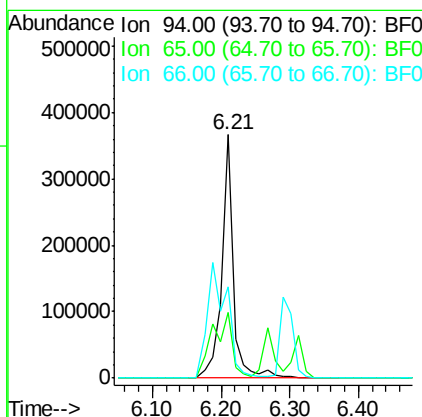
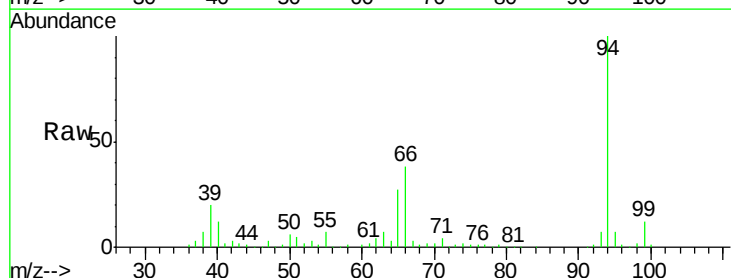
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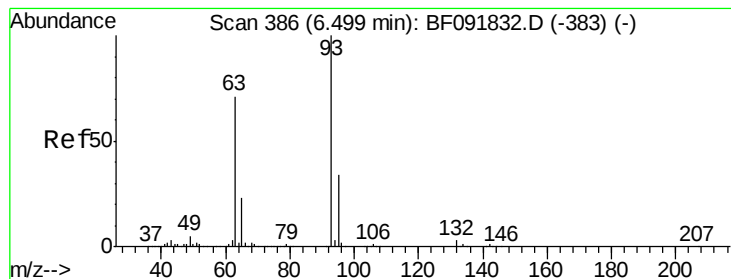
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#10
Phenol
Concen: 47.77 ng
RT: 6.21 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion: 94 Resp: 438979
Ion Ratio Lower Upper
94 100
65 27.2 21.4 61.4
66 37.5 44.0 84.0#





#11
bis(2-Chloroethyl)ether
Concen: 41.59 ng
RT: 6.27 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

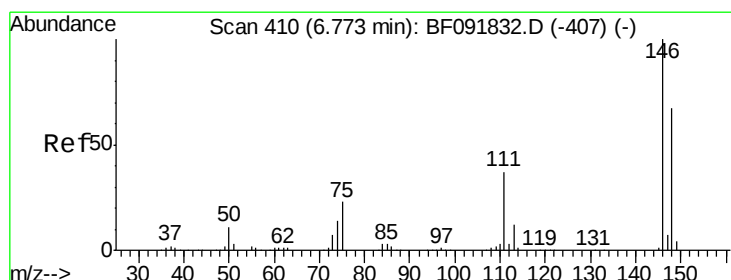
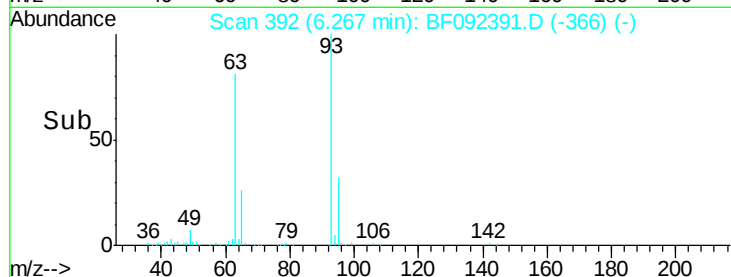
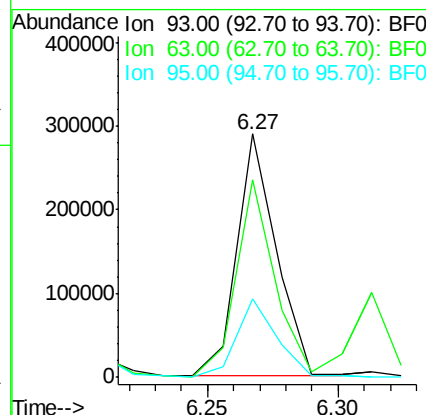
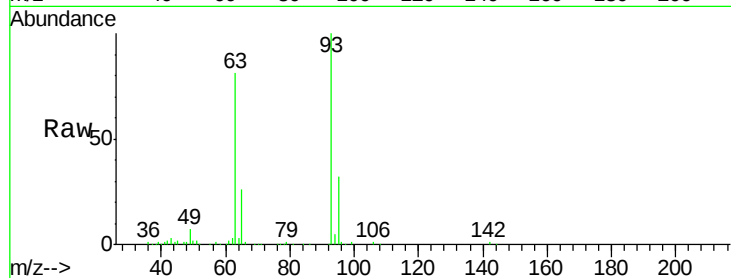
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	81.0	60.4	100.4
95	32.1	12.8	52.8

Manual Integrations
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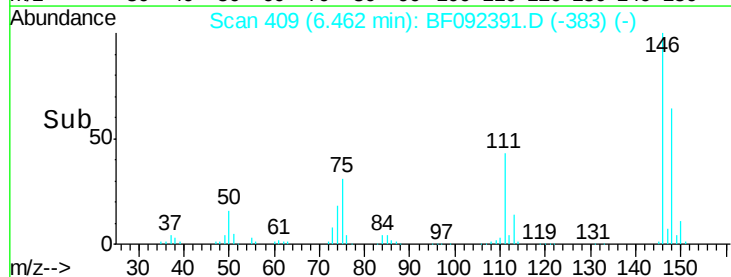
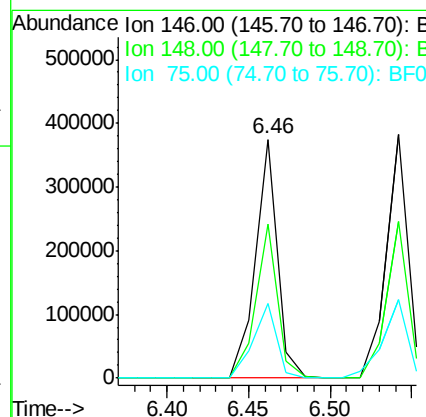
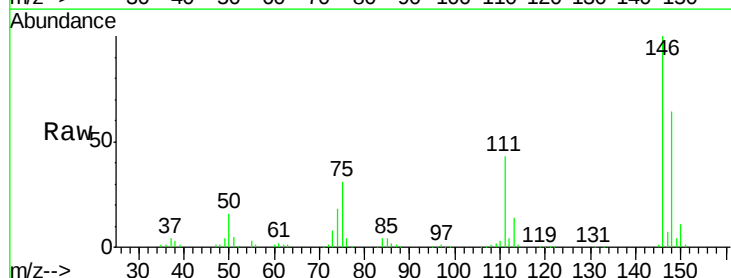
mohammad

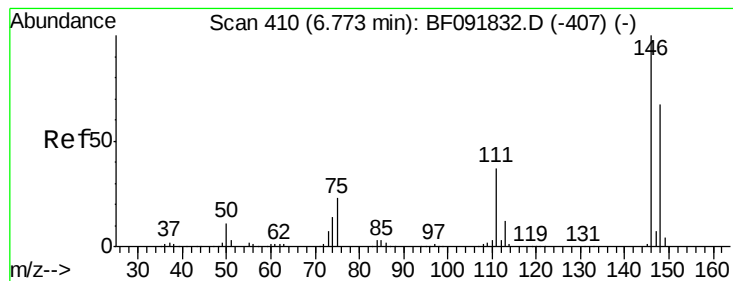
1/25/2017 11:41:30 AM



#12
1,3-Dichlorobenzene
Concen: 43.69 ng
RT: 6.46 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.3	53.4	80.0
75	31.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 44.27 ng

RT: 6.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

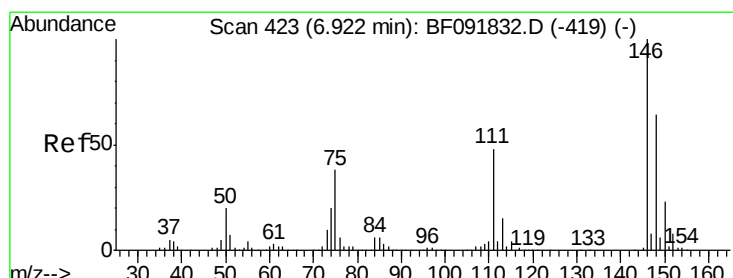
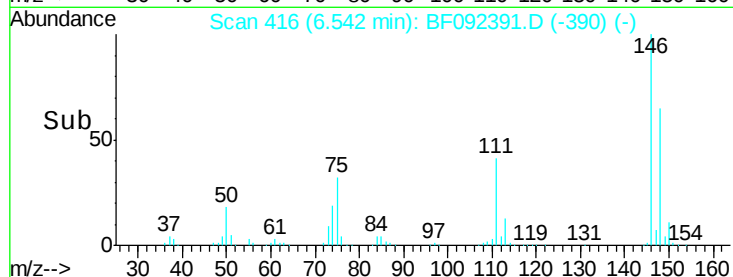
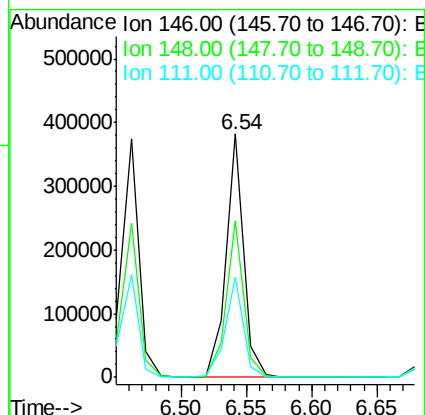
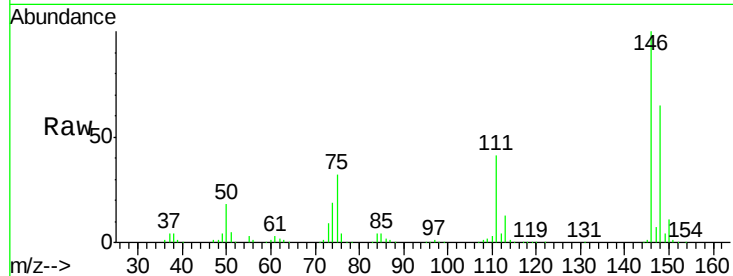
SSTDCCC040

Tgt Ion:	146	Resp:	361397
Ion Ratio		Lower	Upper
146	100		
148	64.5	50.6	76.0
111	41.3	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 45.90 ng

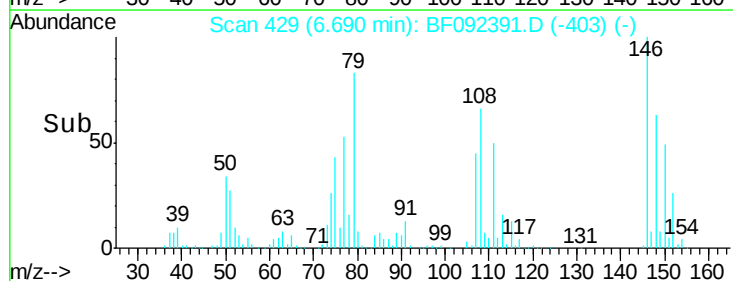
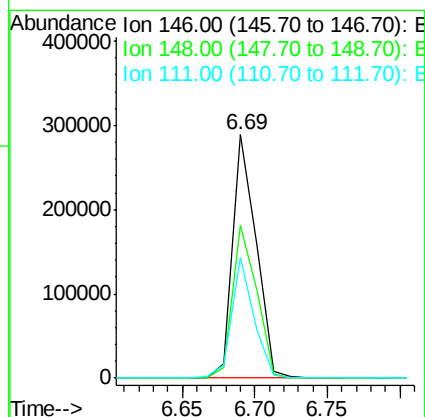
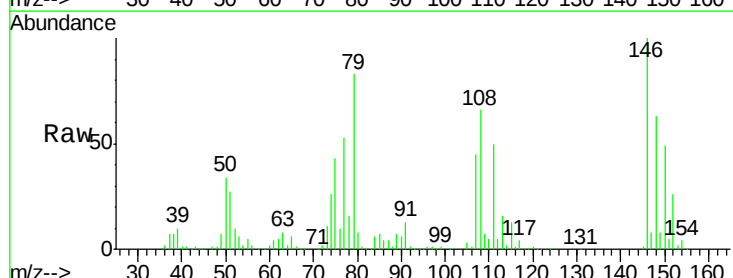
RT: 6.69 min Scan# 429

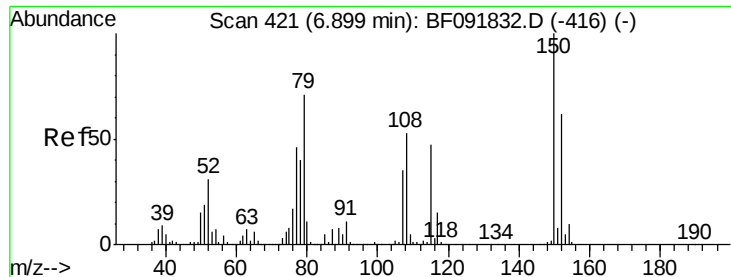
Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	146	Resp:	325175
Ion Ratio		Lower	Upper
146	100		
148	62.9	52.2	78.2
111	49.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.90 ng

RT: 6.69 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 281372
Ion Ratio Lower Upper

79 100

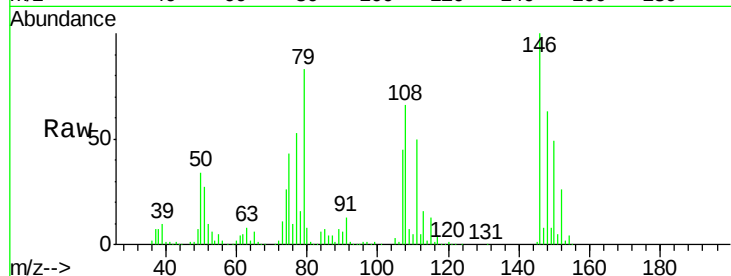
108 79.4 61.4 92.0

77 63.3 50.9 76.3

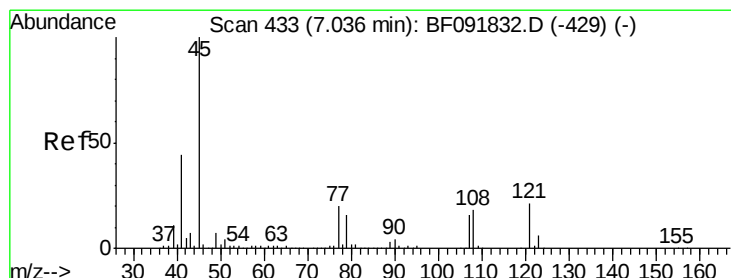
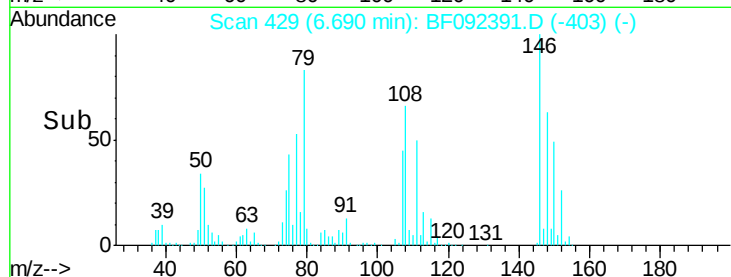
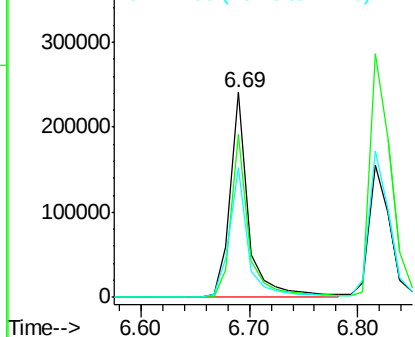
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.76 ng

RT: 6.82 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF092391.D

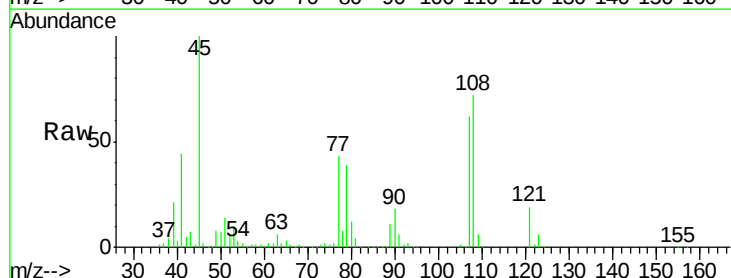
Acq: 21 Jan 2017 2:08

Tgt Ion: 45 Resp: 574519
Ion Ratio Lower Upper

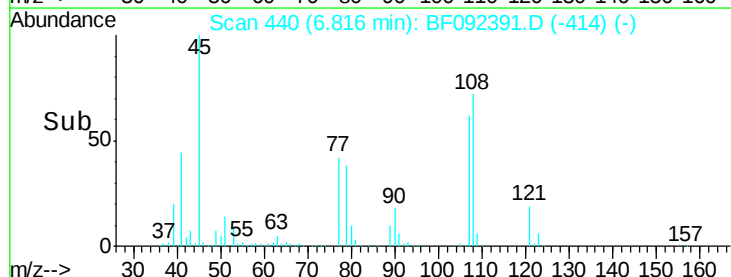
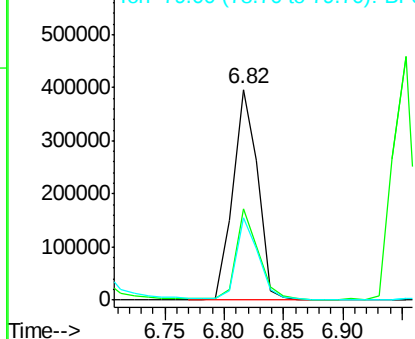
45 100

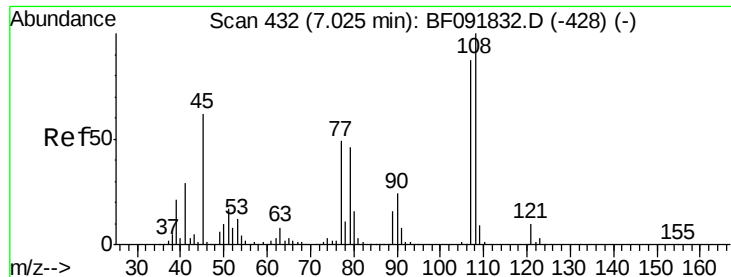
77 43.2 0.0 34.6#

79 39.2 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 54.08 ng
RT: 6.82 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

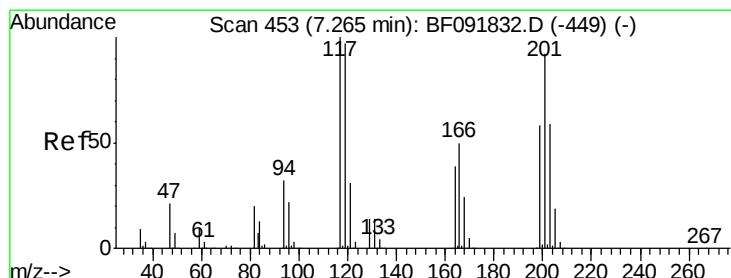
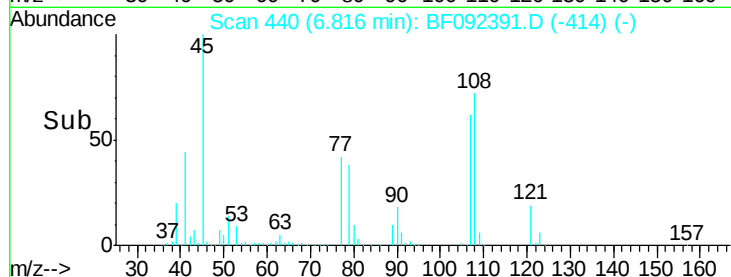
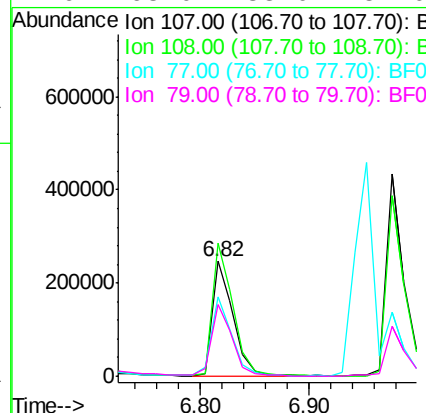
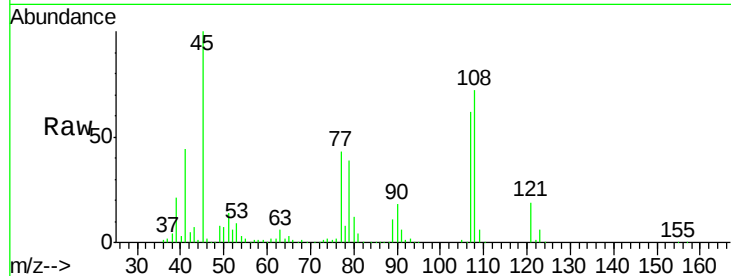
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.1	93.0	139.6
77	69.6	39.8	59.8
79	63.0	38.0	57.0

Manual Integrations
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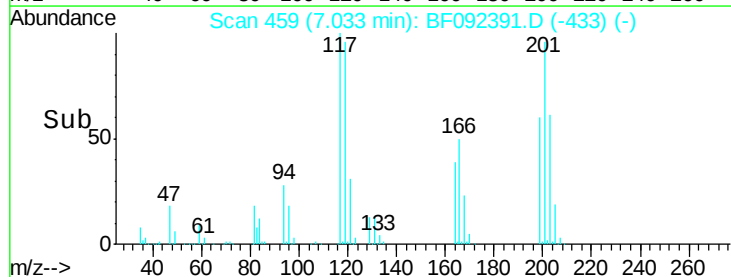
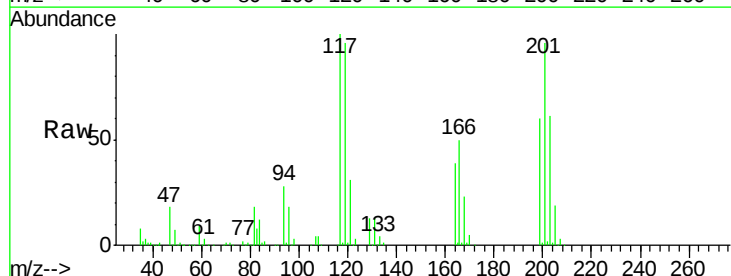
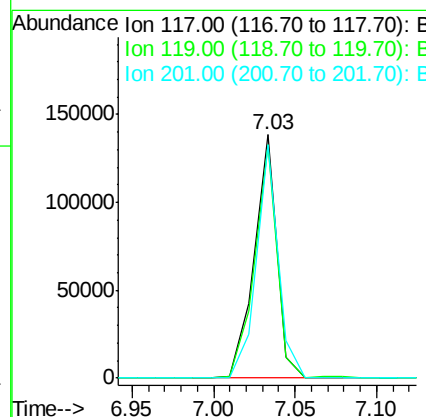
mohammad

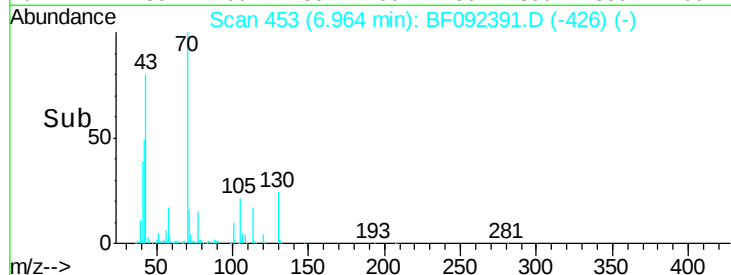
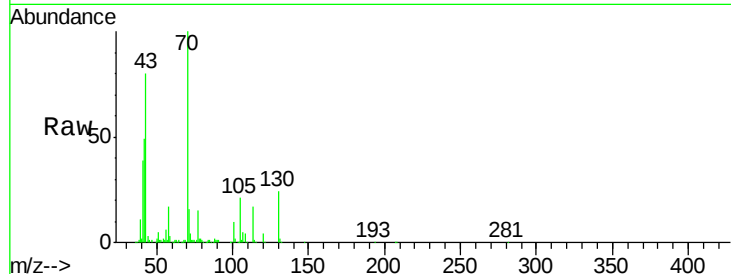
1/25/2017 11:41:30 AM



#18
Hexachloroethane
Concen: 44.09 ng
RT: 7.03 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.7	78.1	117.1
201	95.9	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 67.91 ng
RT: 6.96 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

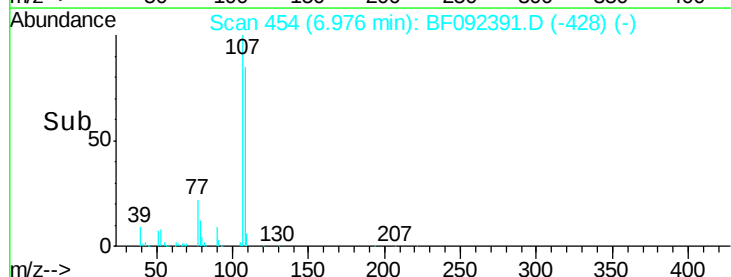
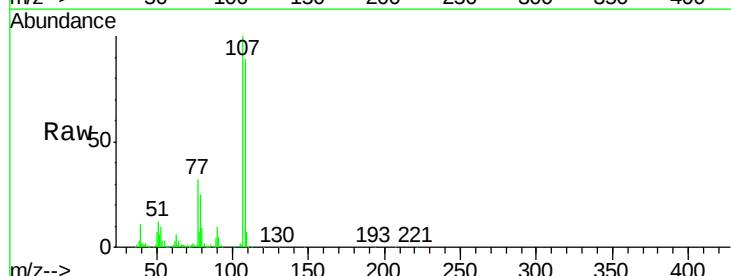
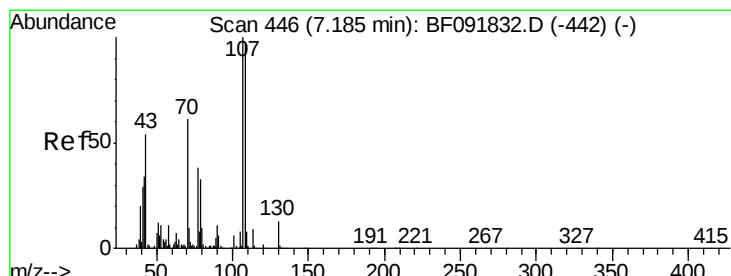
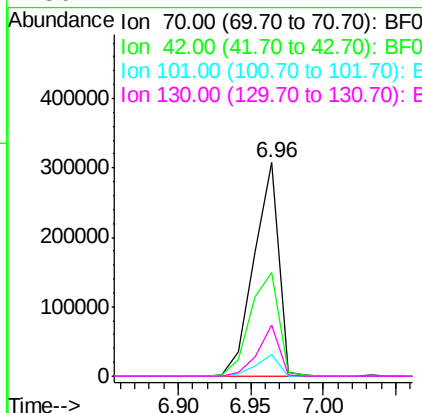
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.4	74.0#
101	10.0	7.4	11.2
130	24.1	14.2	21.4#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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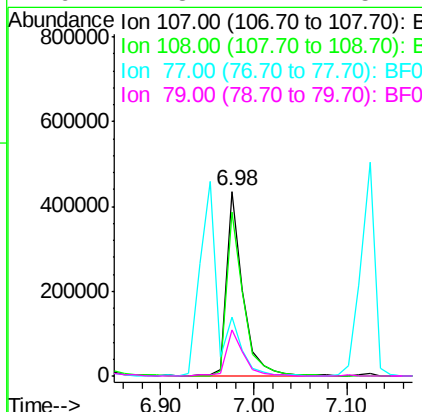
mohammad

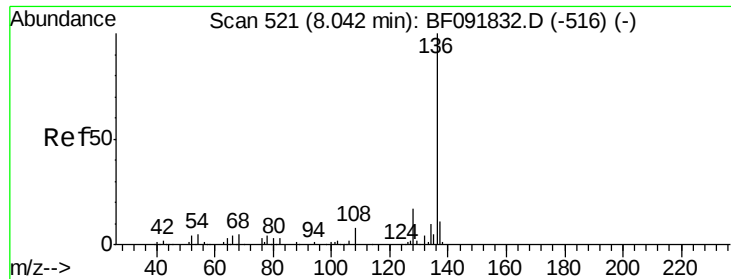
1/25/2017 11:41:30 AM



#20
3+4-Methylphenols
Concen: 71.93 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

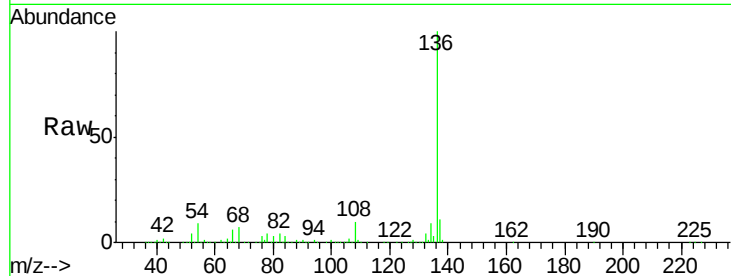
Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.0	113.0
77	31.8	71.3	111.3#
79	24.8	11.1	51.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

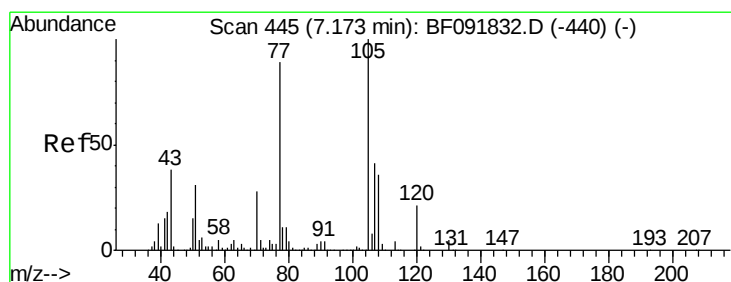
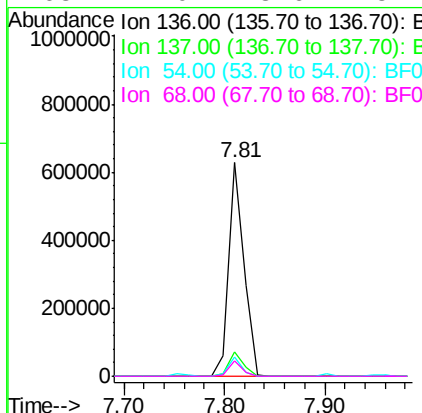
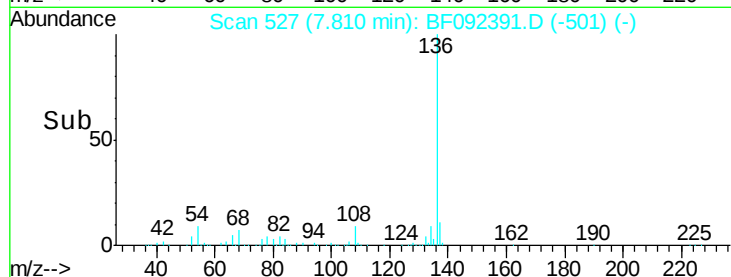


Tgt Ion	Ratio	Resp	Lower	Upper
136	100	660894		
137	11.1	8.4	12.6	
54	8.9	4.5	6.7#	
68	7.0	3.6	5.4#	

Manual Integrations
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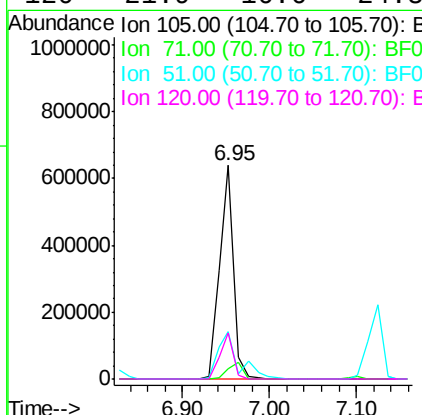
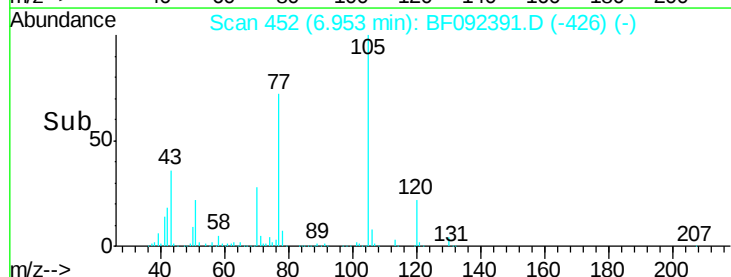
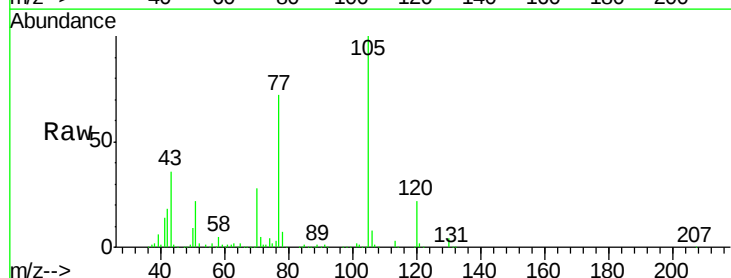
mohammad

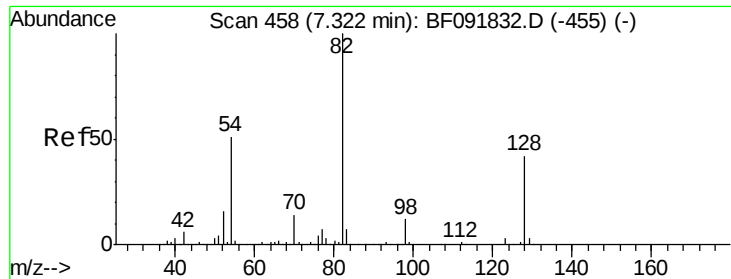
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#22
Acetophenone
Concen: 44.33 ng
RT: 6.95 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	722654		
71	4.8	3.2	4.8	
51	22.0	26.2	39.4#	
120	21.9	16.6	24.8	





#23
Nitrobenzene-d5
Concen: 75.74 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

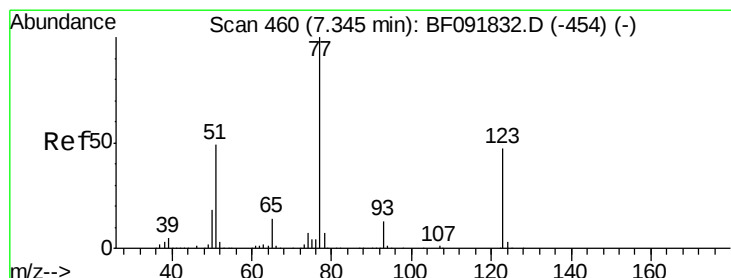
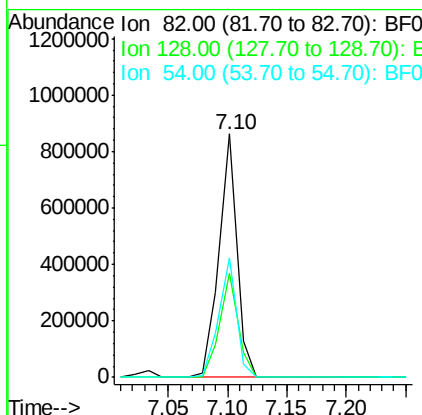
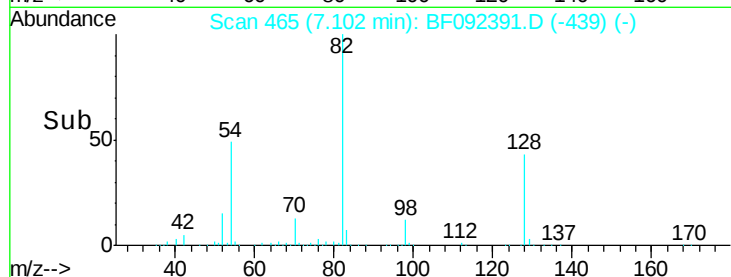
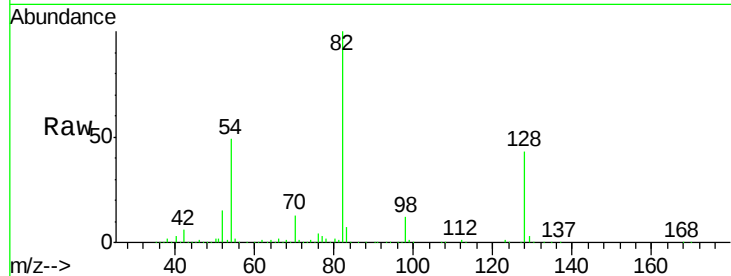
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	48.9	39.5	59.3

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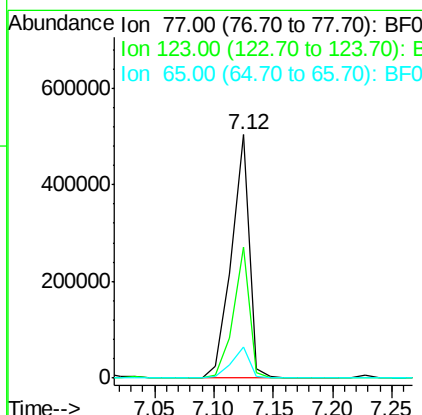
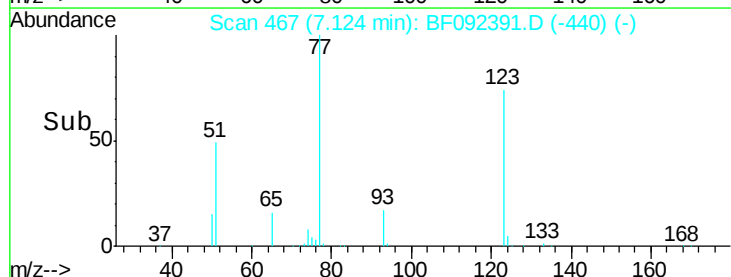
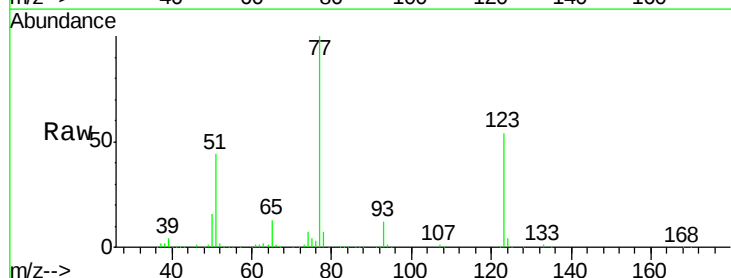
mohammad

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#24
Nitrobenzene
Concen: 41.38 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	33.0	49.4#
65	12.7	11.2	16.8





#25

Isophorone

Concen: 40.83 ng

RT: 7.36 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

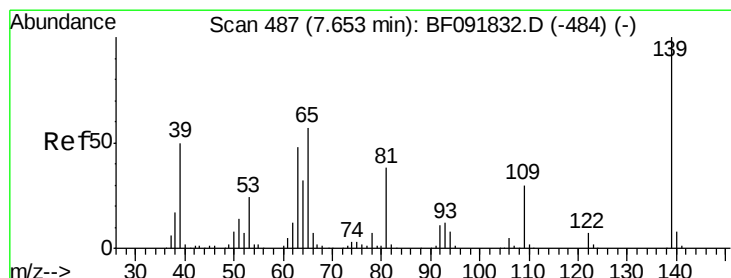
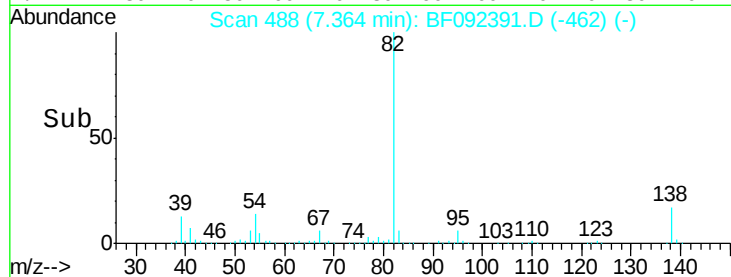
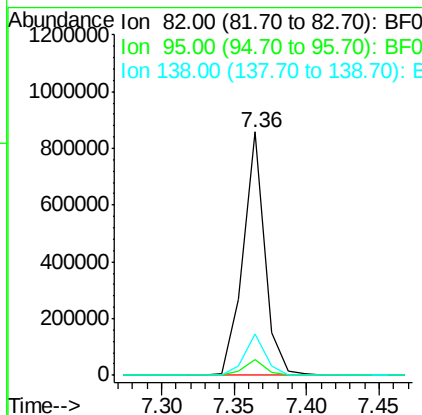
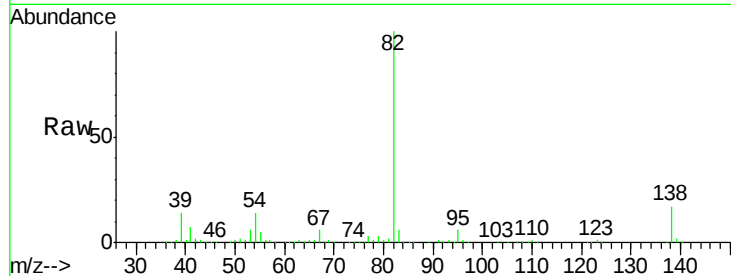
SSTDCCC040

Tgt Ion:	82	Resp:	895268
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	17.1	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 24.05 ng

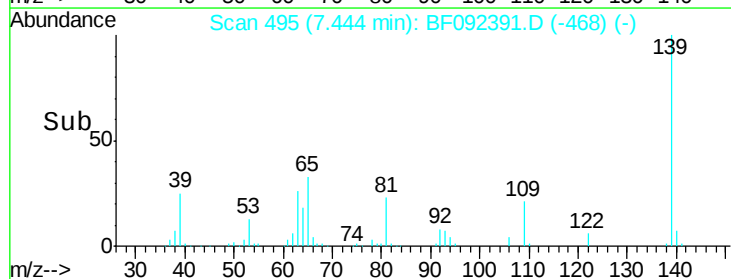
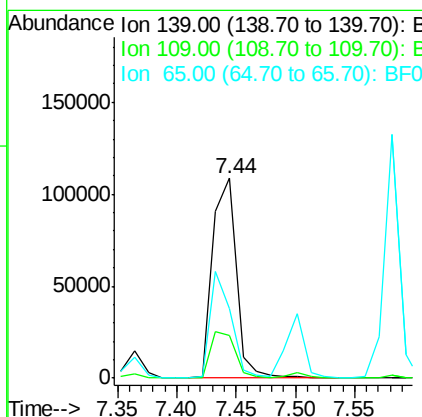
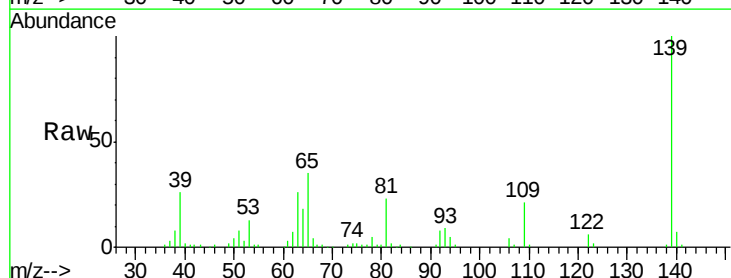
RT: 7.44 min Scan# 495

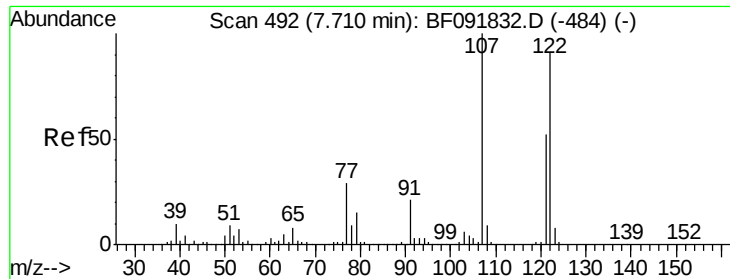
Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	139	Resp:	150120
Ion Ratio	Lower	Upper	
139	100		
109	21.4	23.3	34.9#
65	34.8	42.7	64.1#





#27
2,4-Dimethylphenol
Concen: 40.07 ng
RT: 7.50 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

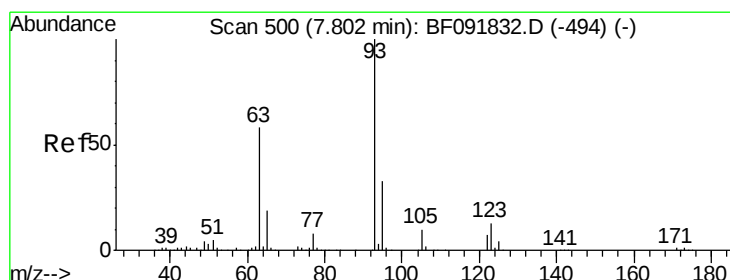
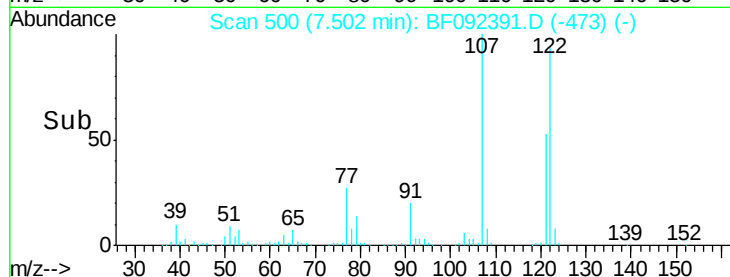
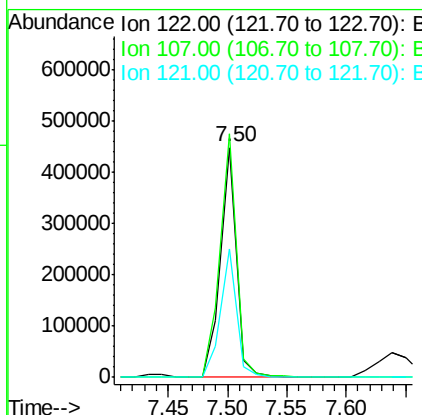
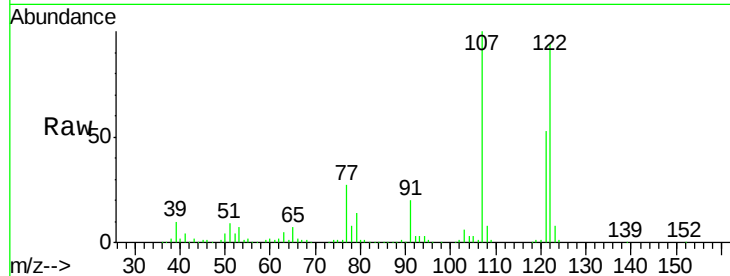
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	414865		
107	106.0	94.1	141.1	
121	55.7	46.0	69.0	

Manual Integrations
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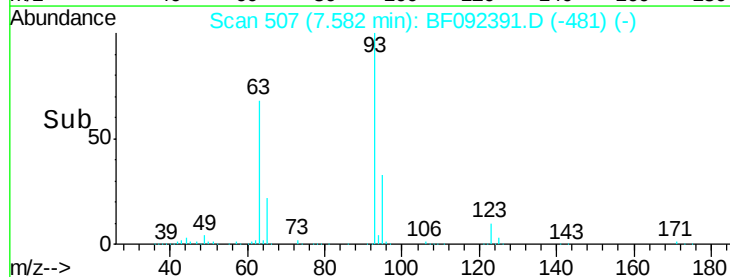
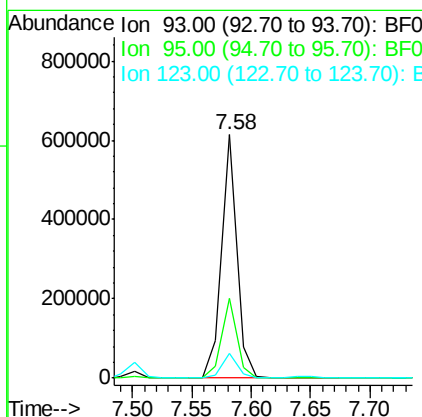
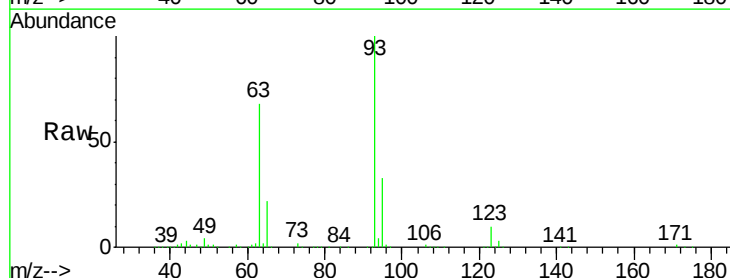
mohammad

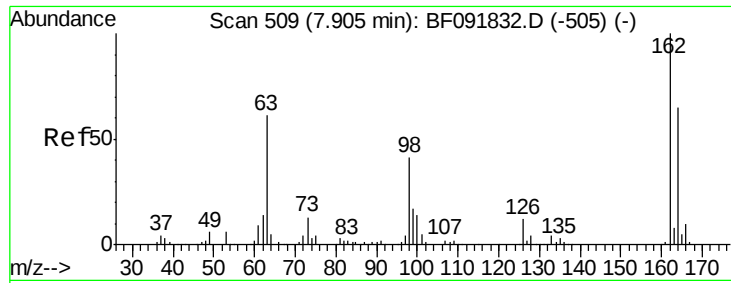
1/25/2017 11:41:30 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.12 ng
RT: 7.58 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	546757		
95	32.9	26.5	39.7	
123	10.1	8.6	13.0	





#29
2,4-Dichlorophenol
Concen: 39.39 ng
RT: 7.70 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

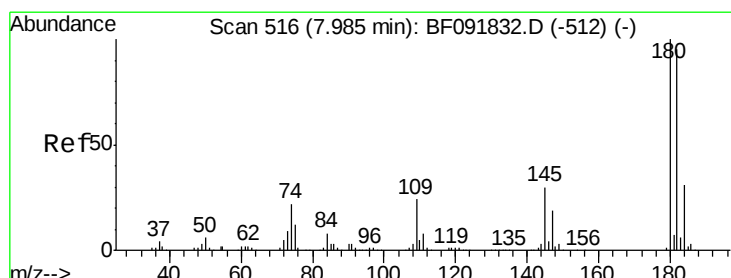
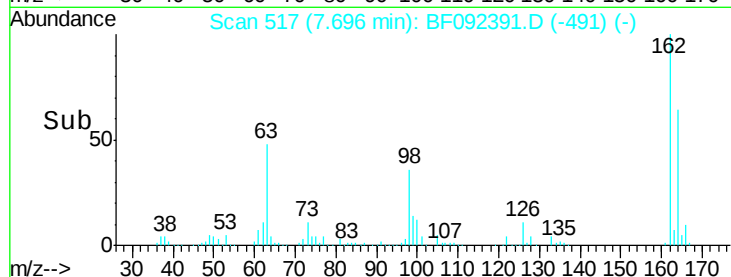
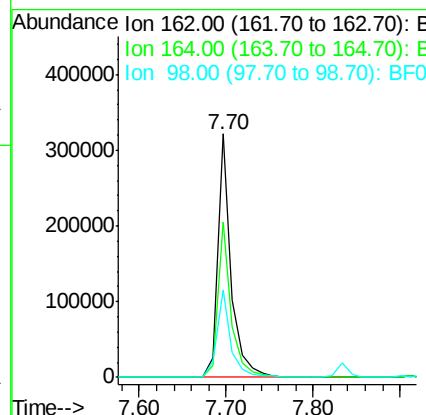
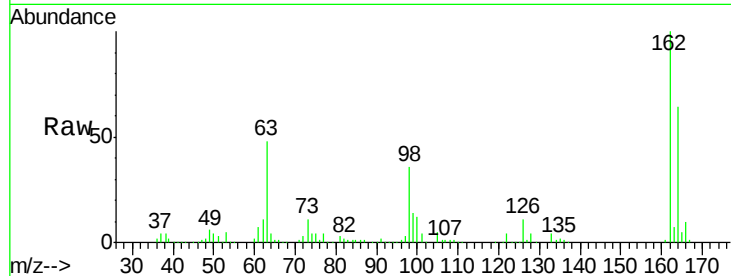
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	46.8	86.8
98	35.9	9.1	49.1

Manual Integrations
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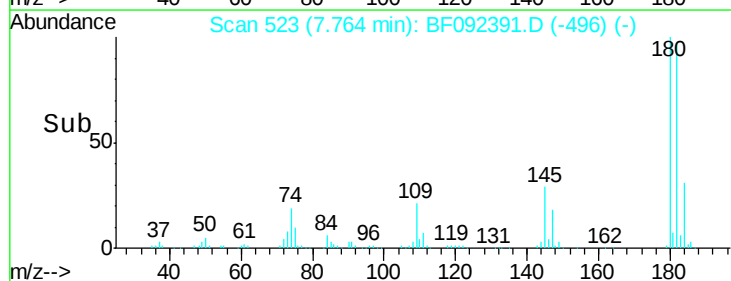
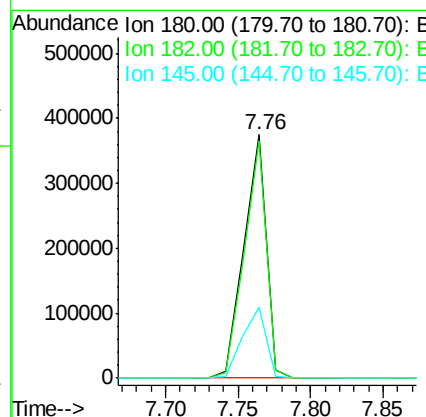
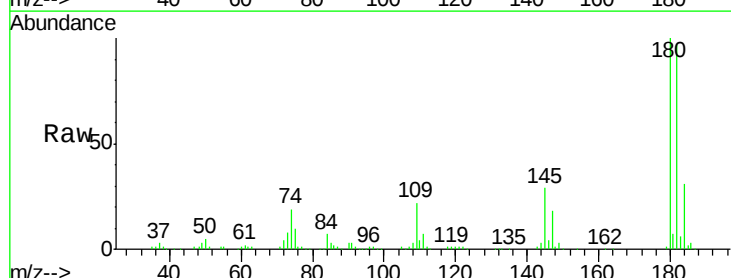
mohammad

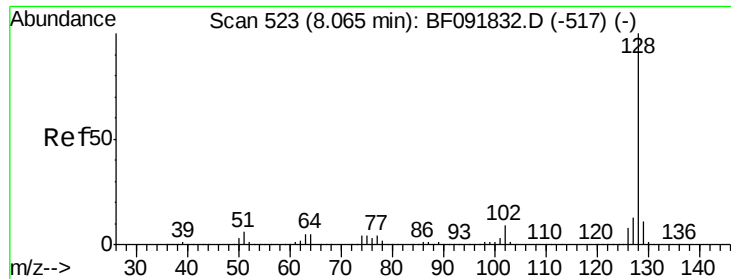
1/25/2017 11:41:30 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.61 ng
RT: 7.76 min Scan# 523
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	78.2	117.4
145	28.9	21.6	32.4





#31
Naphthalene
Concen: 40.82 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

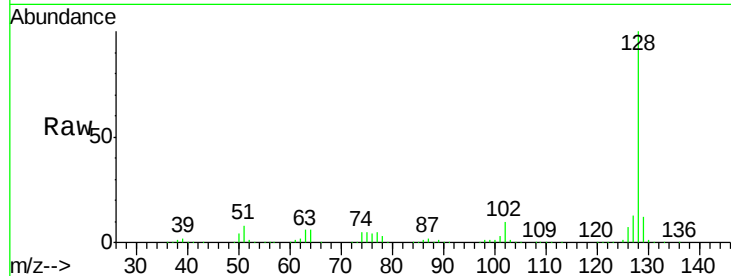
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1234704
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.4 10.8 16.2

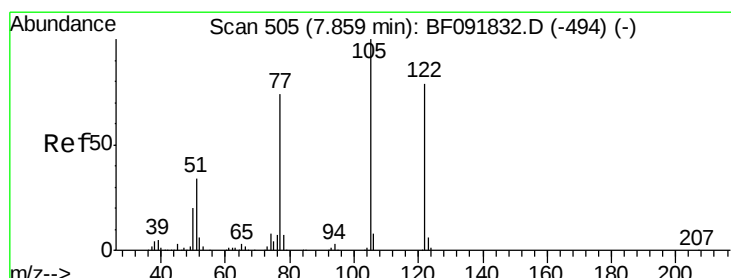
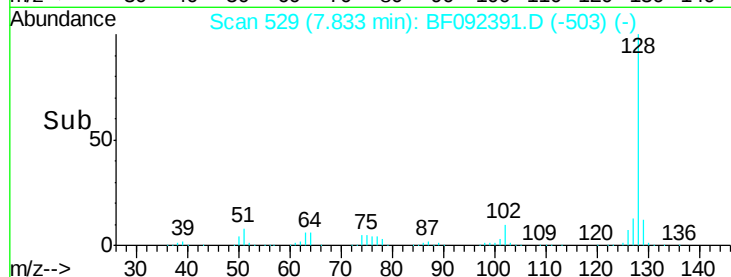
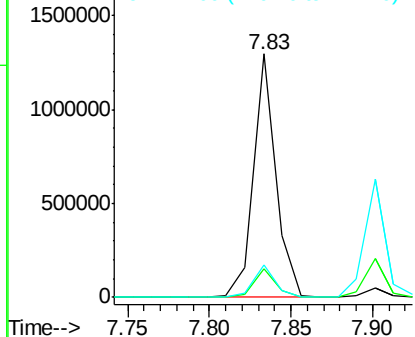
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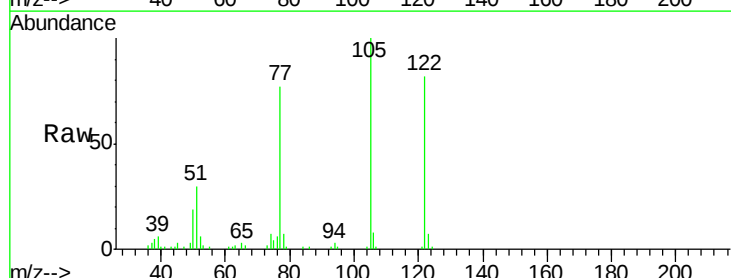


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

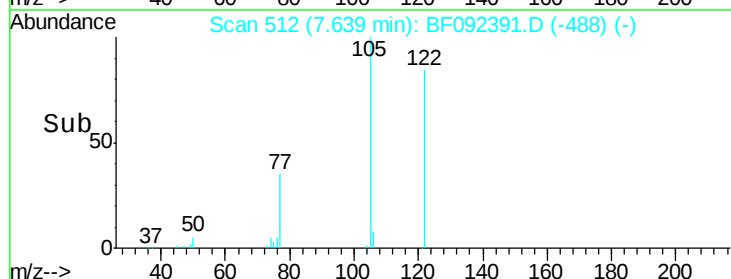
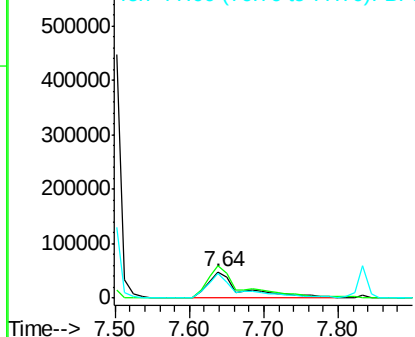


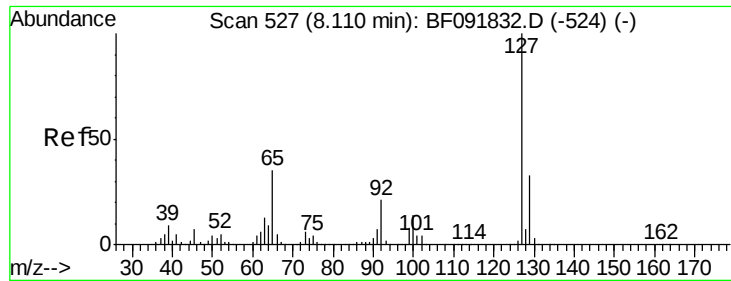
#32
Benzoic acid
Concen: 20.24 ng m
RT: 7.64 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:122 Resp: 155403
Ion Ratio Lower Upper
122 100
105 122.2 107.2 147.2
77 94.1 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 41.64 ng
RT: 7.90 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

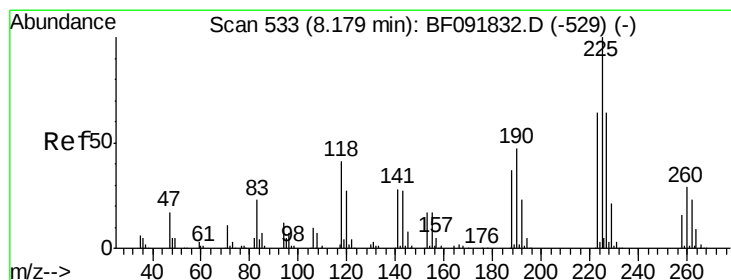
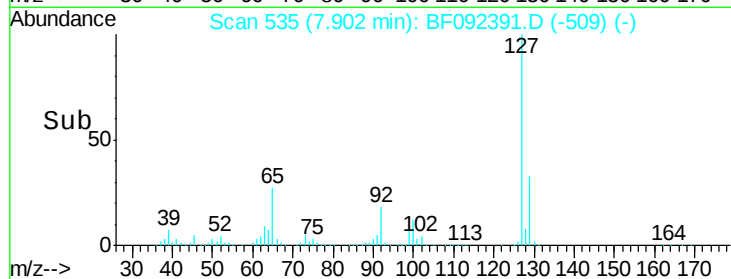
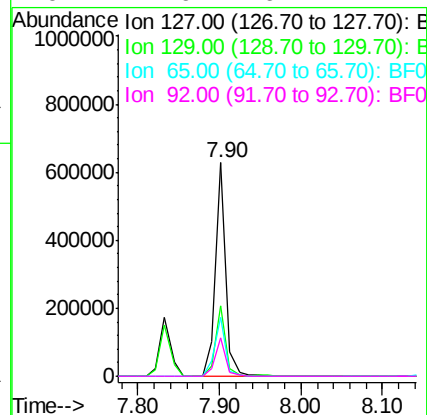
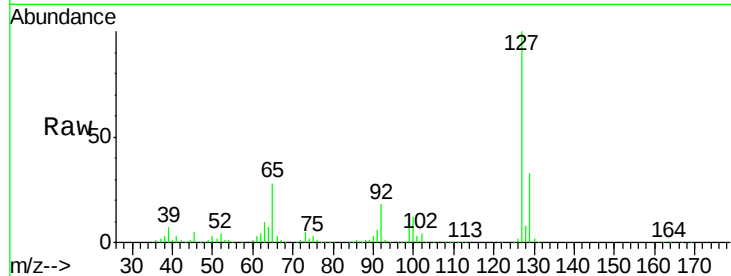
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	567924		
129	32.7	26.3	39.5	
65	27.5	25.8	38.8	
92	17.9	16.1	24.1	

Manual Integrations
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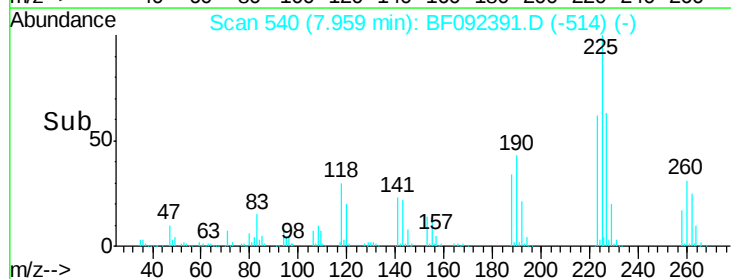
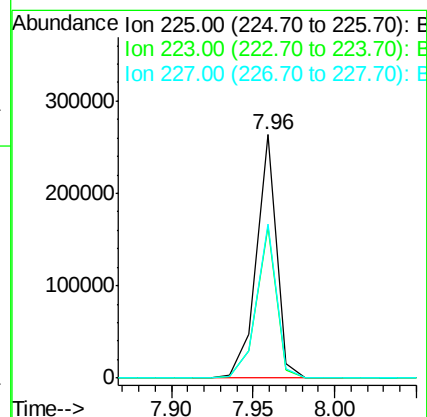
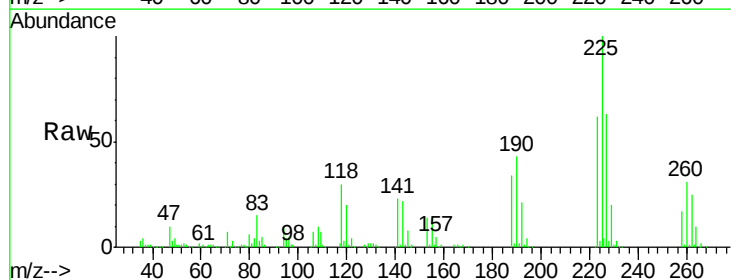
mohammad

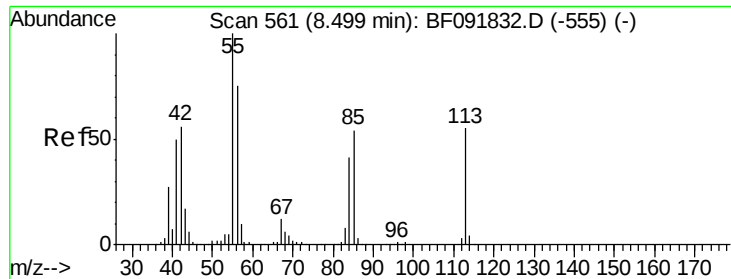
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#34
Hexachlorobutadiene
Concen: 44.48 ng
RT: 7.96 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	225580		
223	62.4	51.0	76.6	
227	63.4	50.6	76.0	





#35
Caprolactam
Concen: 34.12 ng
RT: 8.28 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

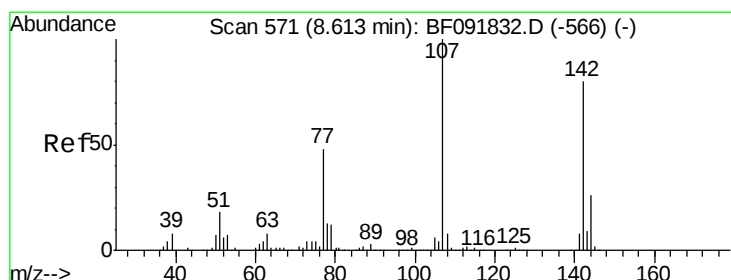
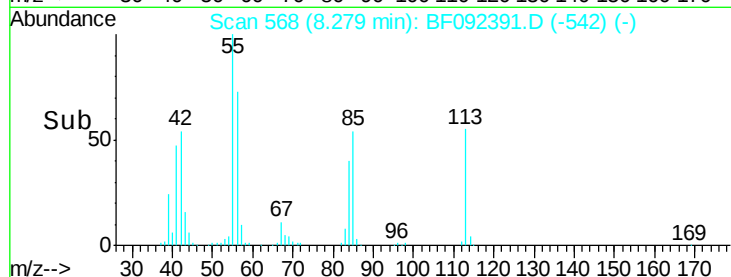
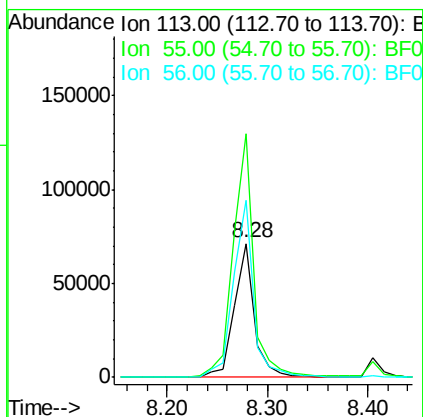
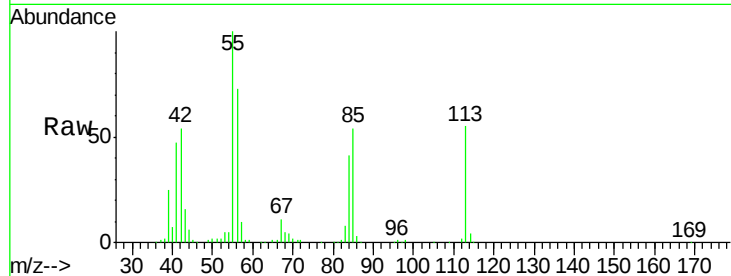
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 98299
Ion Ratio Lower Upper
113 100
55 181.6 119.2 159.2#
56 132.5 83.8 123.8#

Manual Integrations
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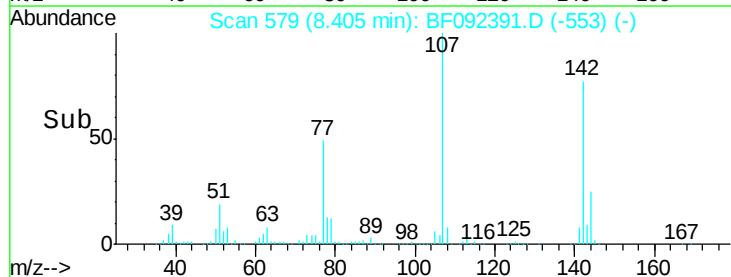
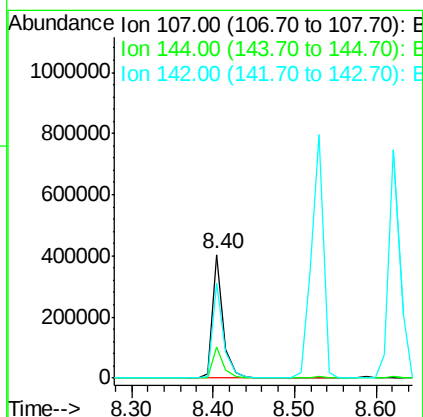
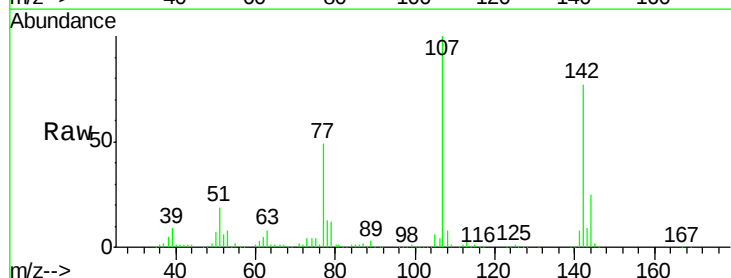
mohammad

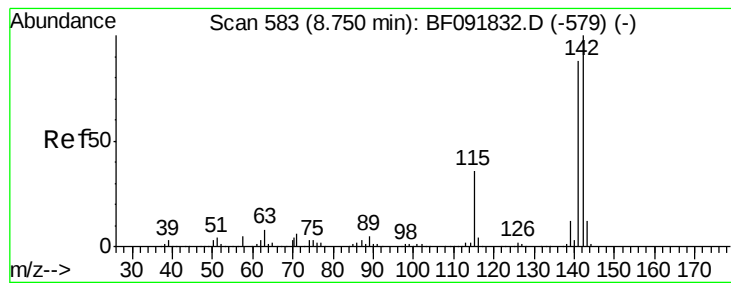
1/25/2017 11:41:30 AM



#36
4-Chloro-3-methylphenol
Concen: 37.44 ng
RT: 8.40 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:107 Resp: 377760
Ion Ratio Lower Upper
107 100
144 25.1 19.3 28.9
142 77.3 59.0 88.6





#37
2-Methylnaphthalene
Concen: 43.86 ng
RT: 8.53 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

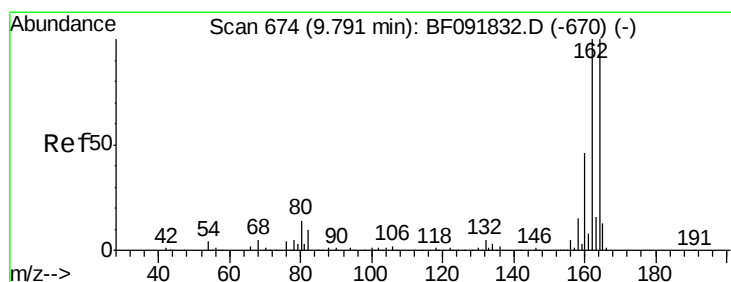
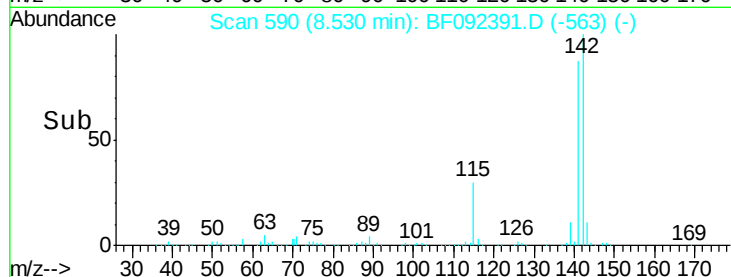
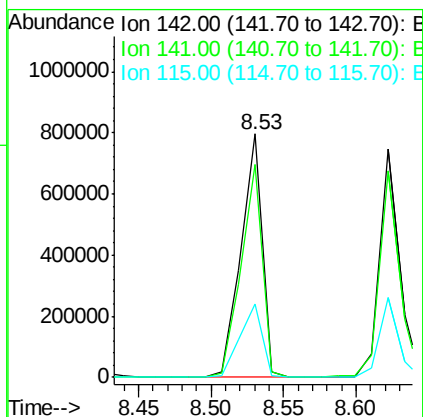
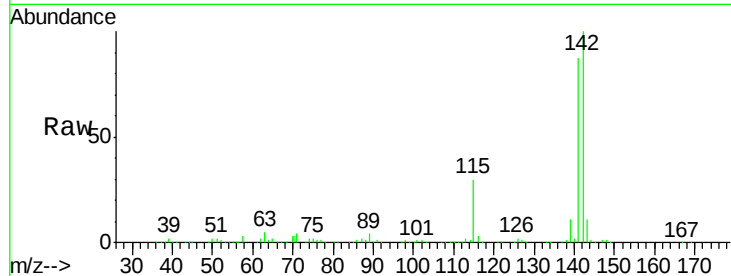
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.0	106.6
115	30.0	28.3	42.5

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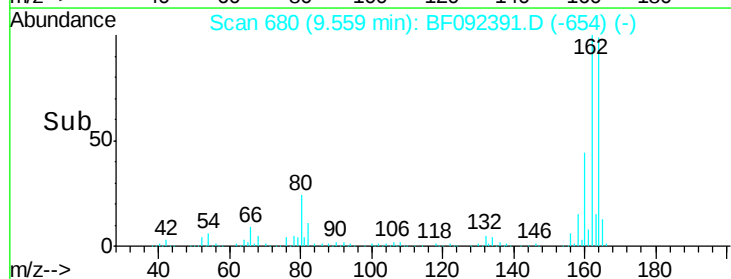
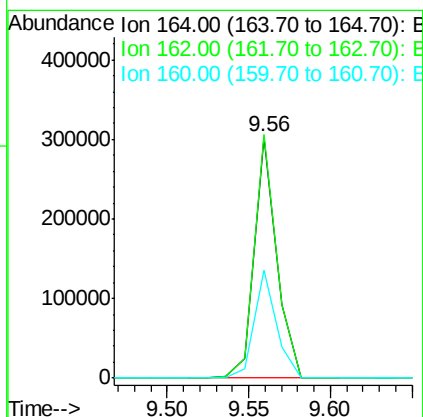
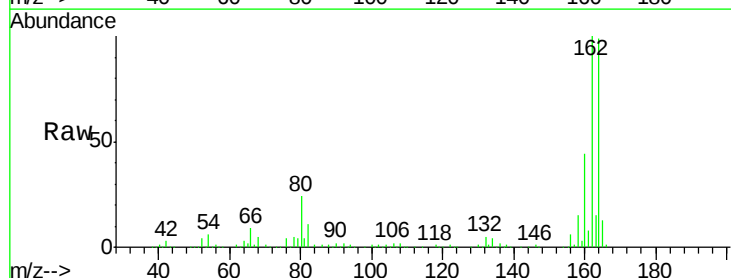
mohammad

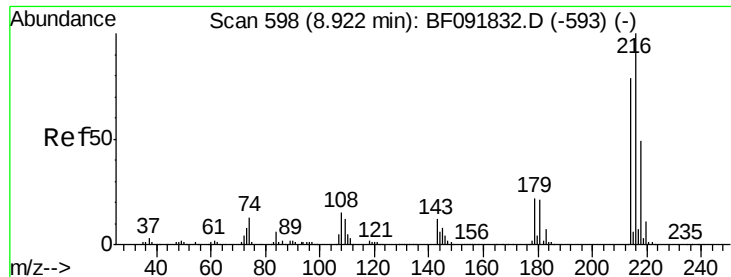
1/25/2017 11:41:30 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	44.6	36.9	55.3





#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.50 ng
RT: 8.70 min Scan# 605
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

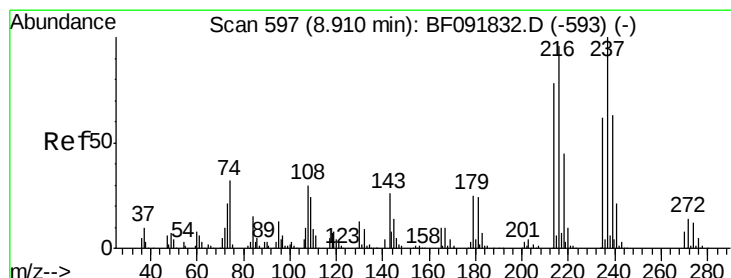
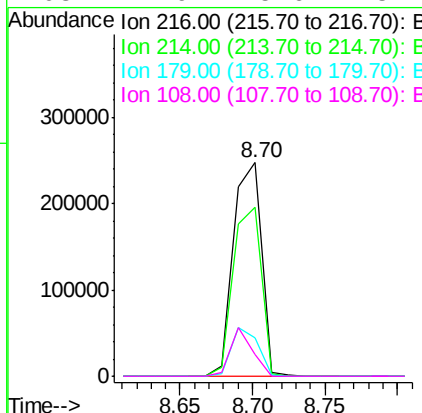
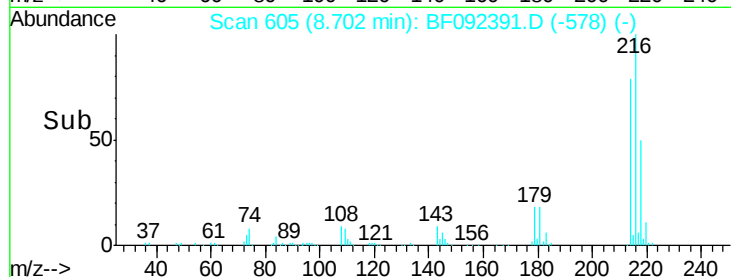
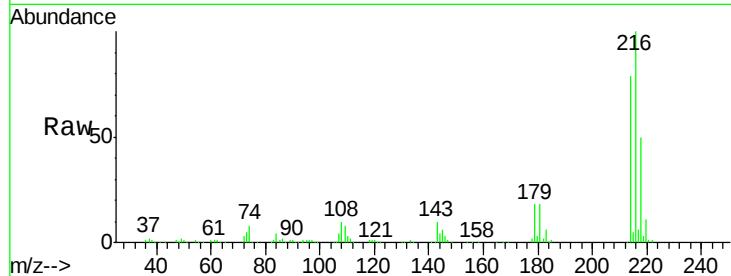
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	333074		
214	79.7	63.4	95.0	
179	21.5	17.4	26.2	
108	17.9	15.6	23.4	

Manual Integrations
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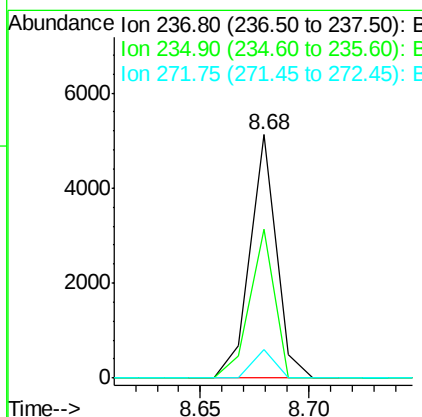
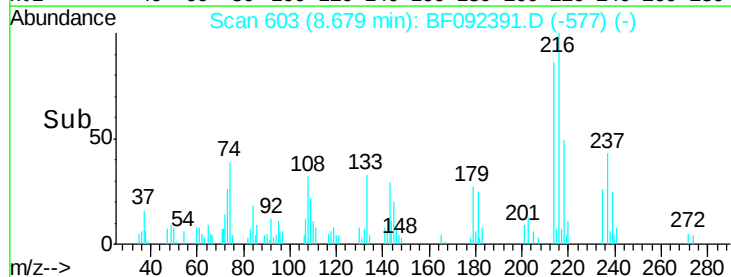
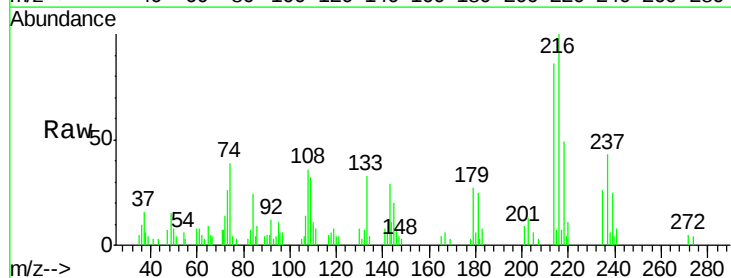
mohammad

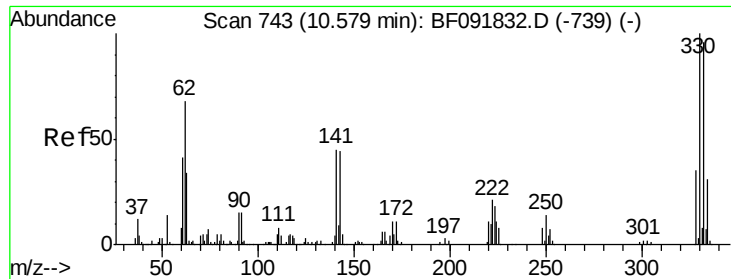
1/25/2017 11:41:30 AM



#40
Hexachlorocyclopentadiene
Concen: 5.24 ng
RT: 8.68 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	4314		
235	61.2	41.2	81.2	
272	11.5	0.0	35.4	





#41
 2,4,6-Tribromophenol
 Concen: 68.65 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

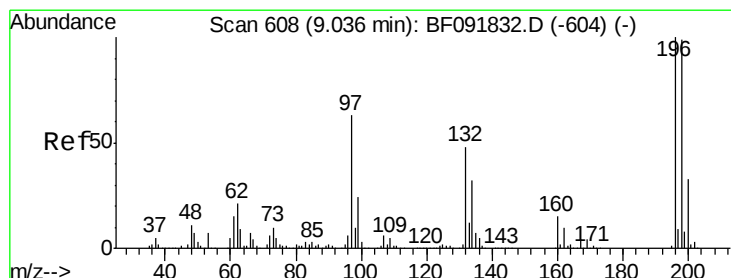
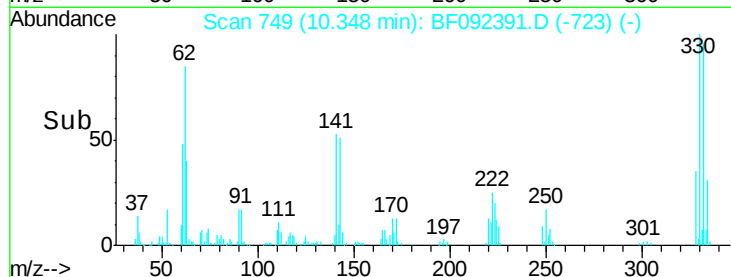
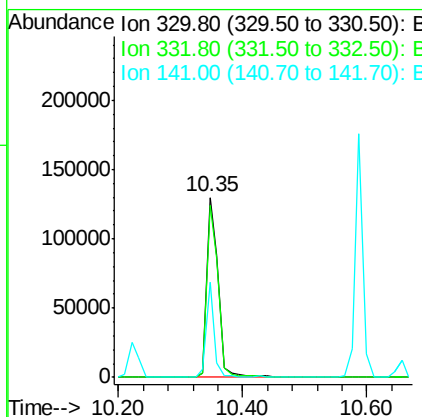
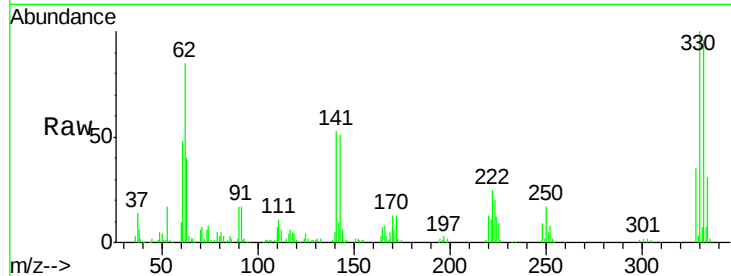
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	164609		
332	96.4		77.4	116.2
141	36.7		34.1	51.1

Manual Integrations
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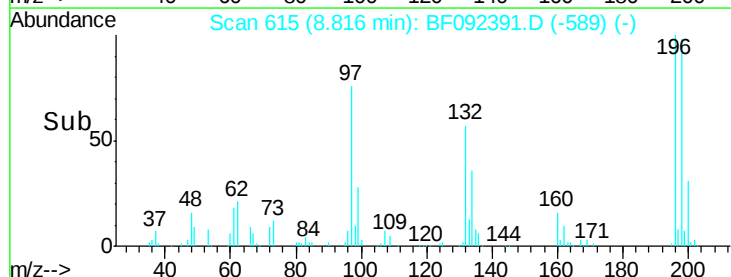
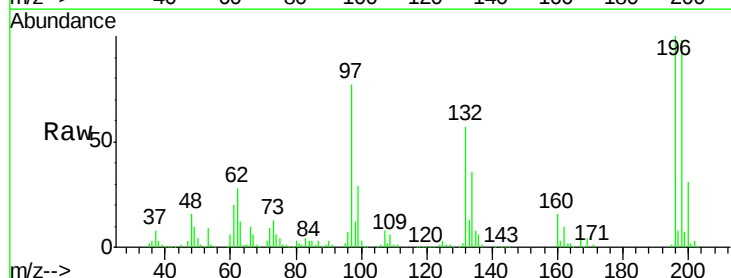
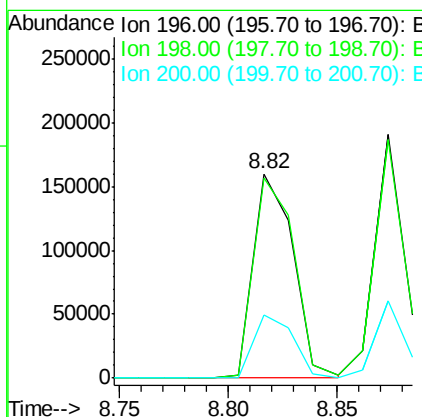
mohammad

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#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 8.82 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205110		
198	98.4		82.1	123.1
200	31.1		27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 36.78 ng
 RT: 8.87 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

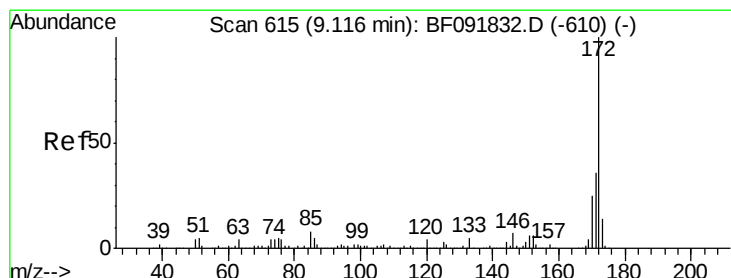
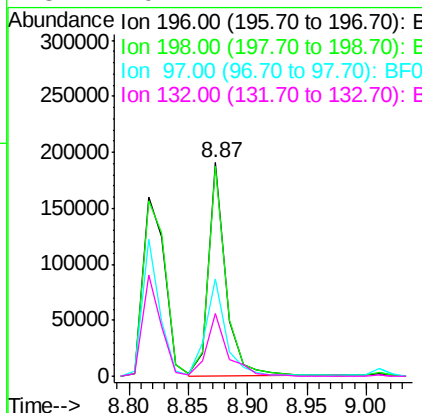
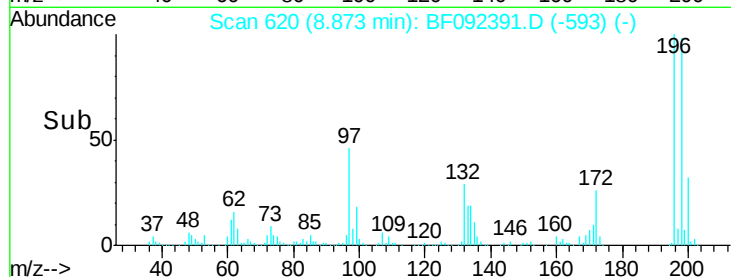
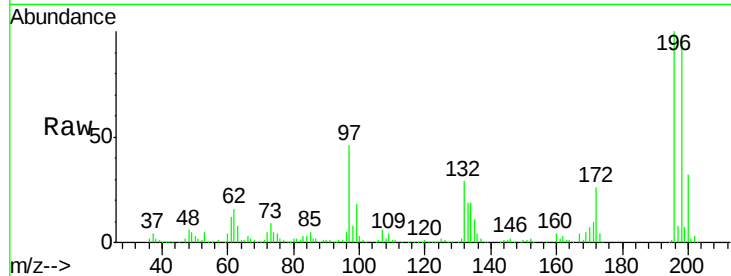
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193778		
198	98.2	79.4	119.2	
97	45.8	51.5	77.3	
132	29.4	27.4	41.2	

Manual Integrations
 APPROVED

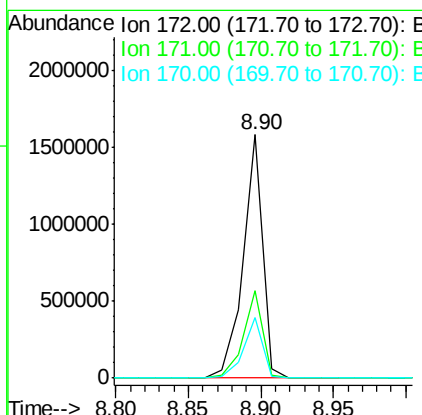
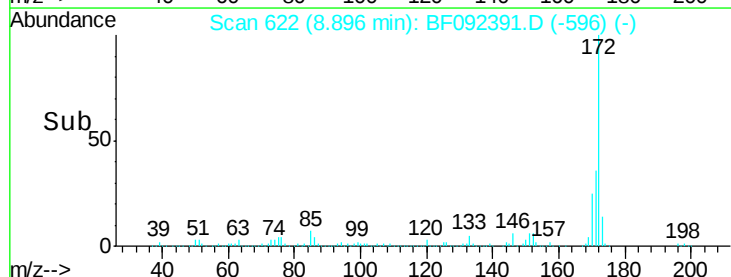
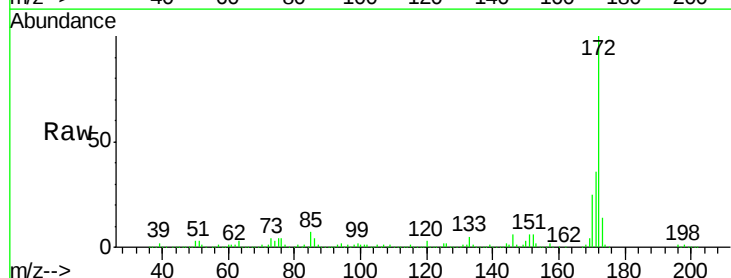
mohammad

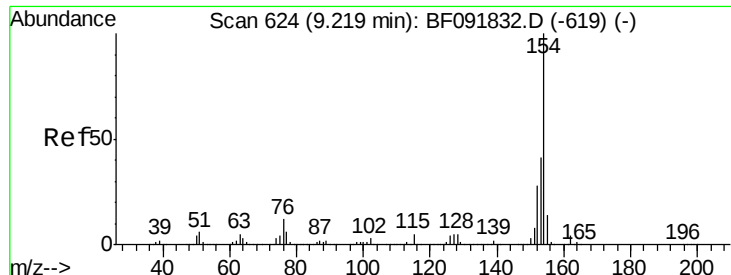
1/25/2017 11:41:30 AM



#44
 2-Fluorobiphenyl
 Concen: 107.54 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1472416		
171	36.1	29.4	44.0	
170	24.7	20.2	30.4	





#45
 1,1'-Biphenyl
 Concen: 45.88 ng
 RT: 8.99 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

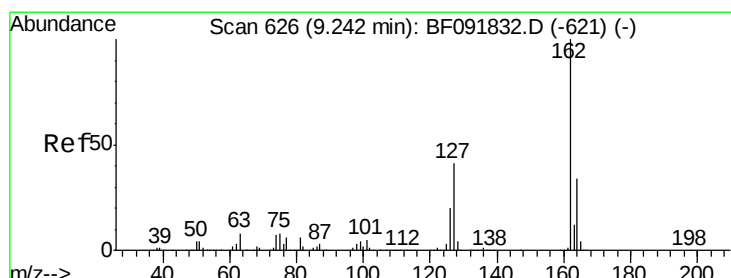
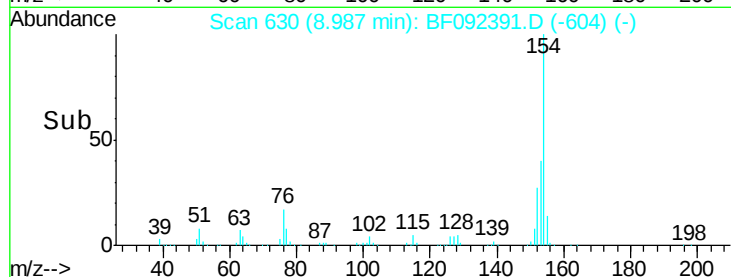
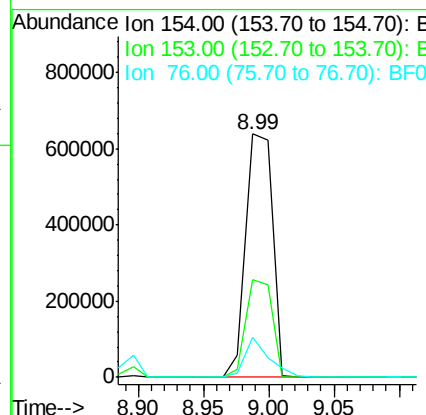
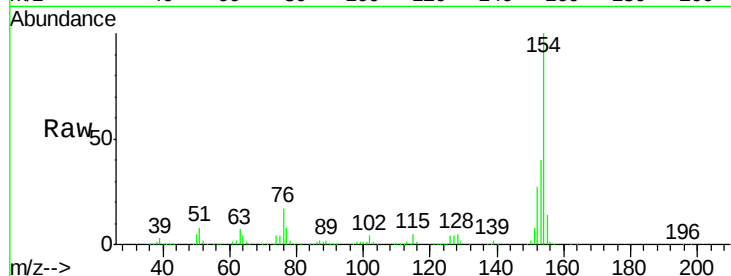
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.9	20.9	60.9
76	16.7	0.0	30.5

Manual Integrations
 APPROVED

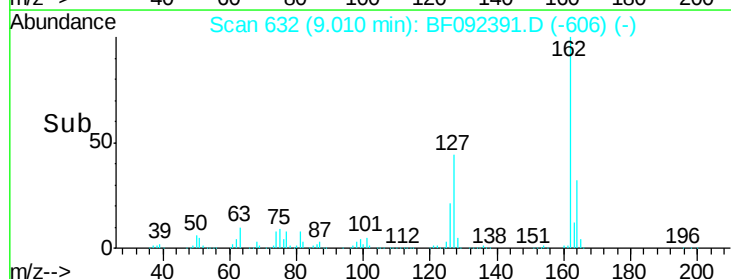
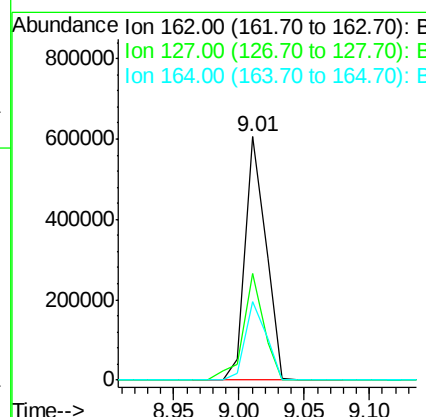
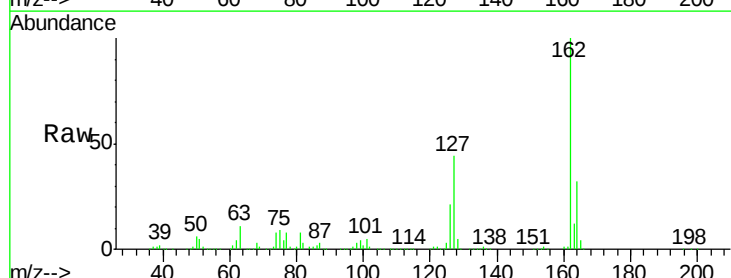
mohammad

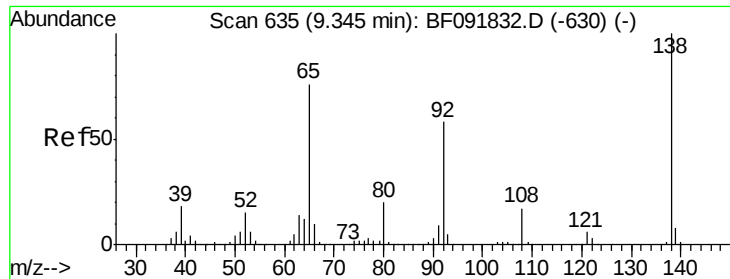
1/25/2017 11:41:30 AM



#46
 2-Chloronaphthalene
 Concen: 42.31 ng
 RT: 9.01 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	43.6	30.7	46.1
164	32.5	27.6	41.4





#47
 2-Nitroaniline
 Concen: 46.15 ng
 RT: 9.12 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

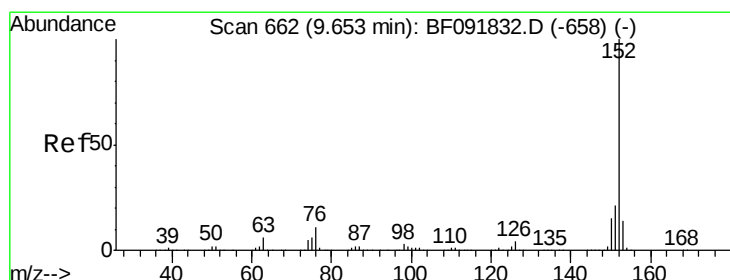
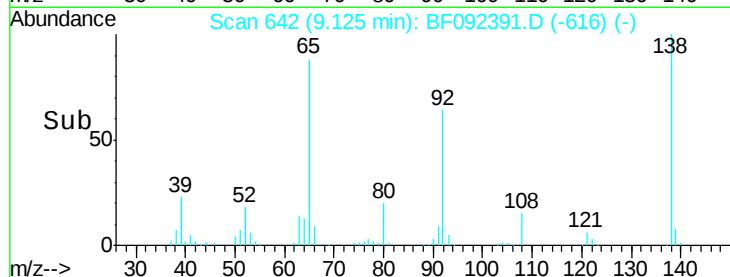
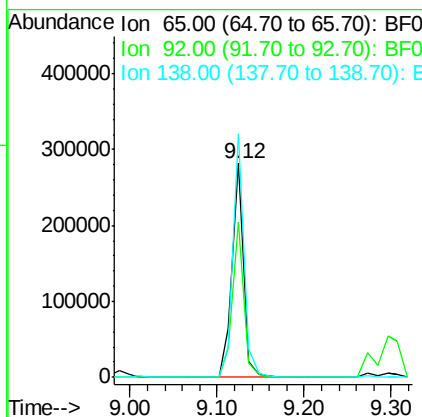
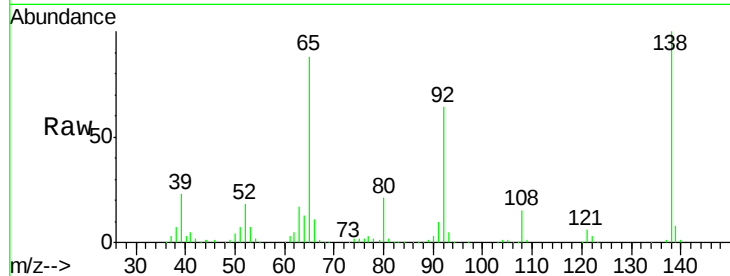
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	53.9	80.9
138	113.8	76.8	115.2

Manual Integrations
 APPROVED

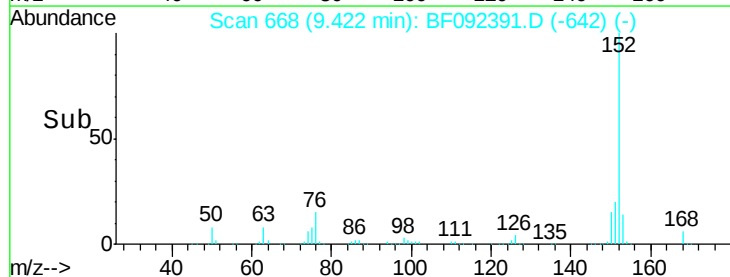
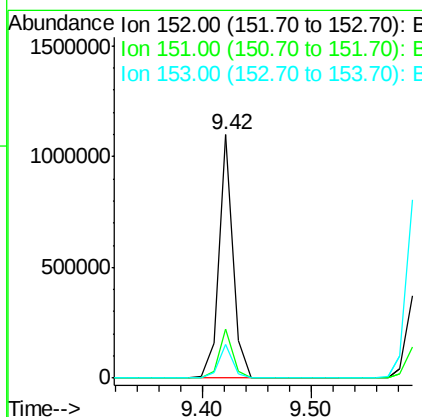
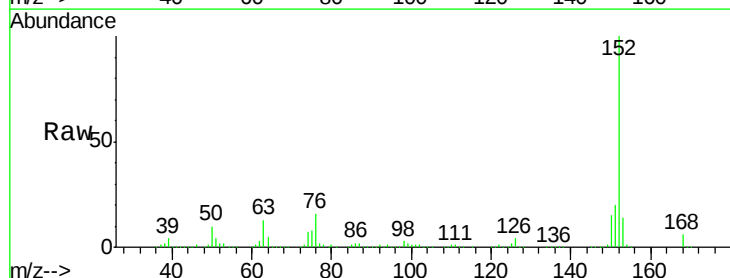
mohammad

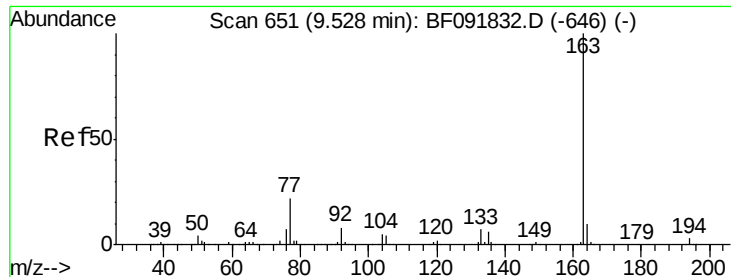
1/25/2017 11:41:30 AM



#48
 Acenaphthylene
 Concen: 40.94 ng
 RT: 9.42 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.0	11.4	17.2





#49
Dimethylphthalate
Concen: 47.48 ng
RT: 9.31 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

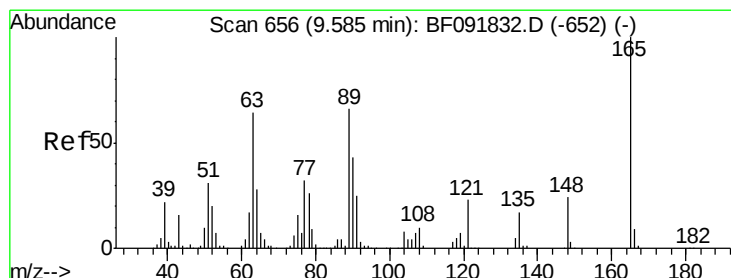
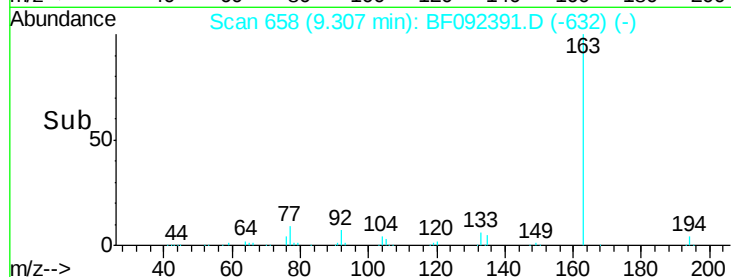
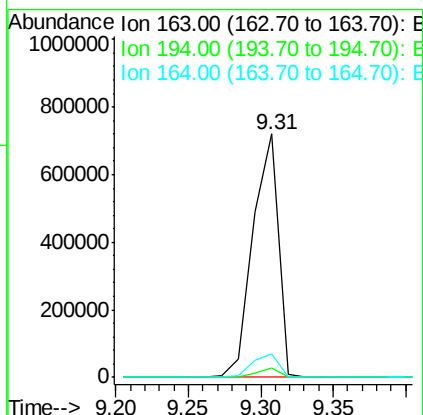
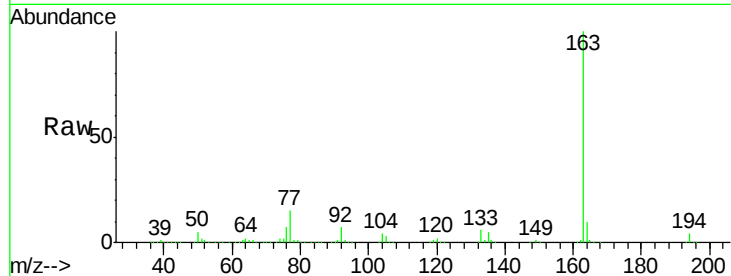
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0

Manual Integrations
APPROVED

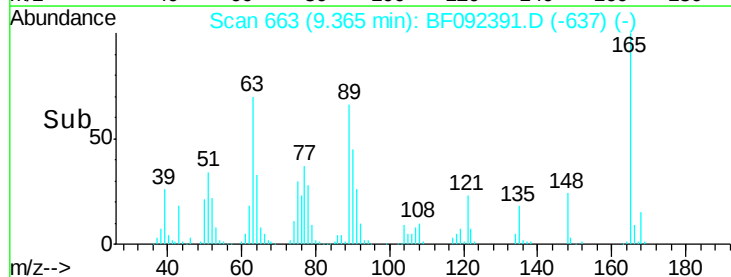
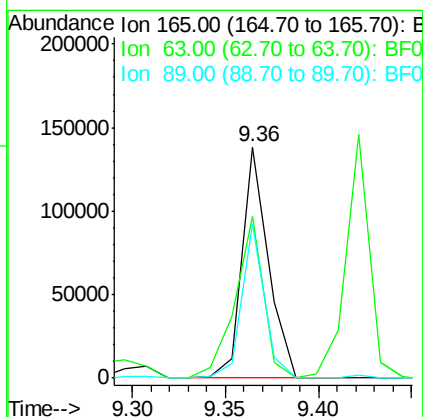
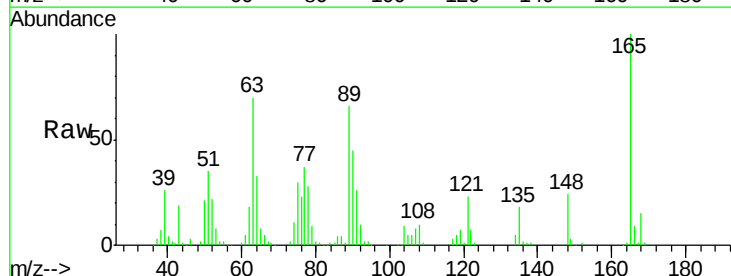
mohammad

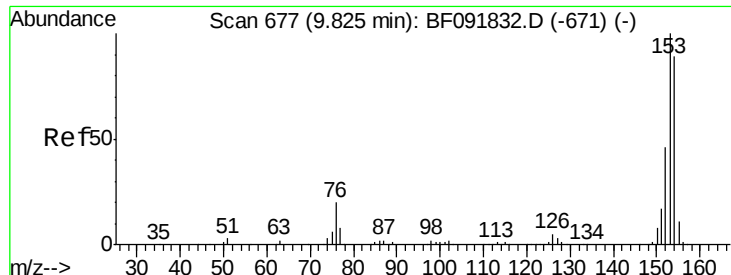
1/25/2017 11:41:30 AM



#50
2,6-Dinitrotoluene
Concen: 33.37 ng
RT: 9.36 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.0	36.2	54.4#
89	66.4	40.2	60.4#





#51
Acenaphthene
Concen: 38.34 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

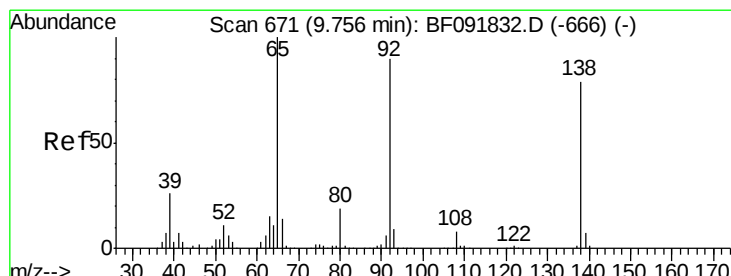
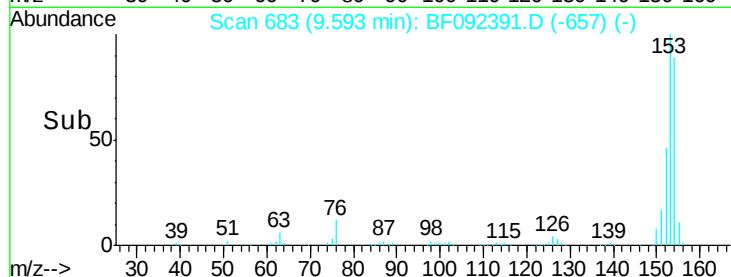
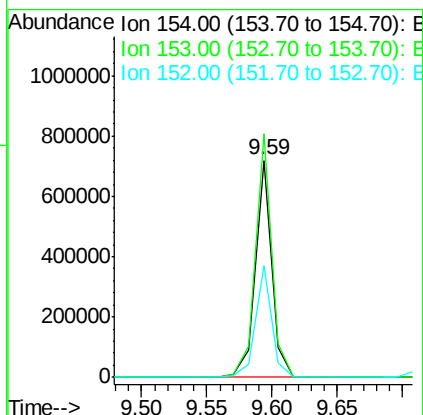
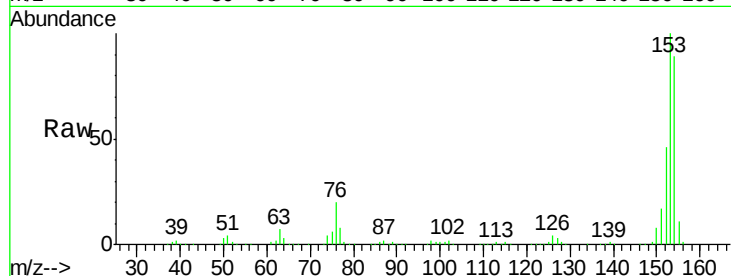
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.6	133.0
152	51.8	41.6	62.4

Manual Integrations
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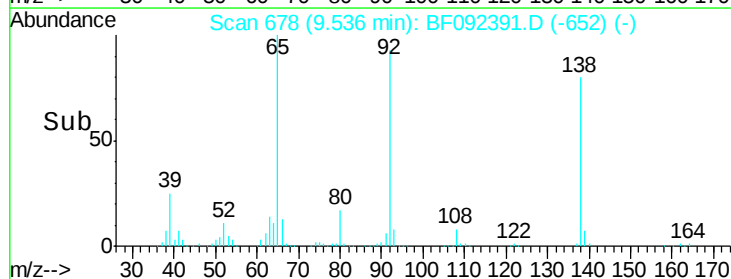
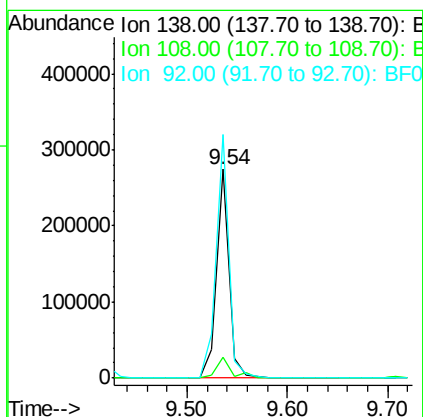
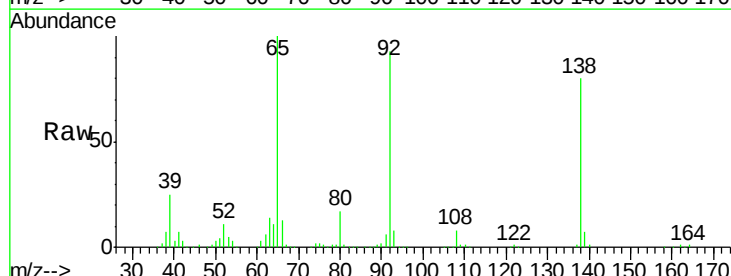
mohammad

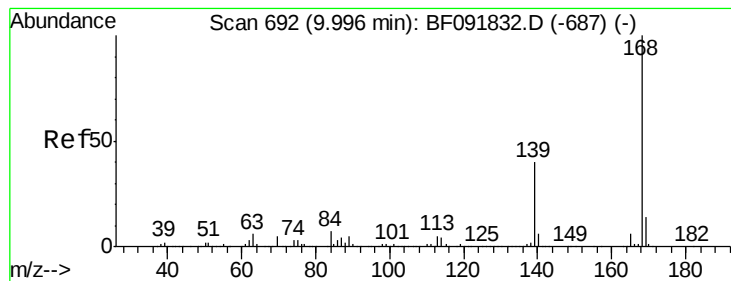
1/25/2017 11:41:30 AM



#52
3-Nitroaniline
Concen: 47.40 ng
RT: 9.54 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.5	12.7
92	116.7	97.8	146.8





#54

Dibenzofuran

Concen: 39.17 ng

RT: 9.76 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092391.D

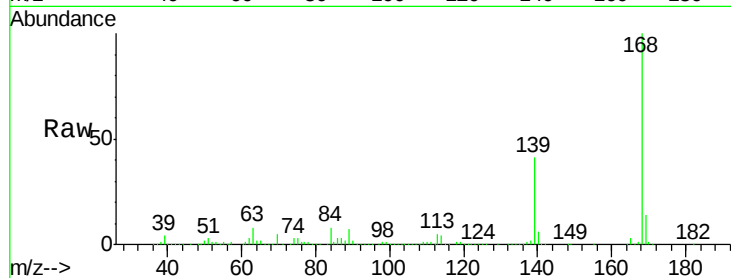
Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

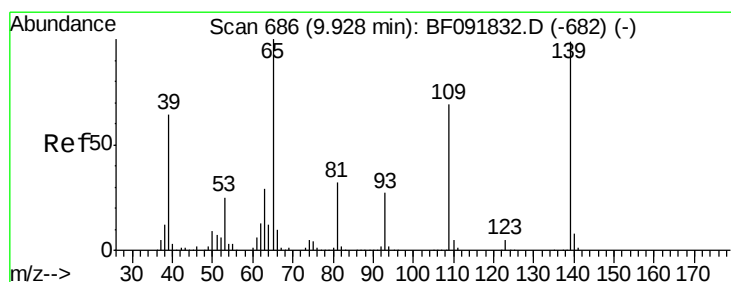
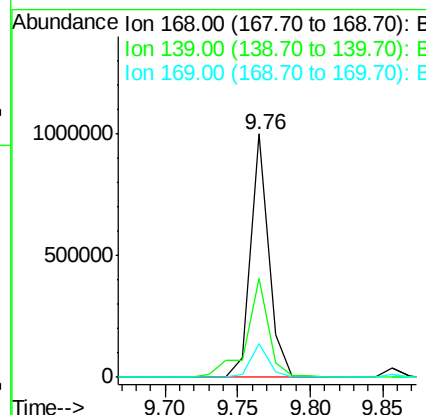
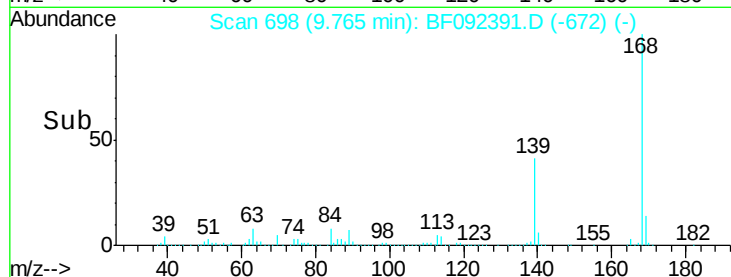


Tgt Ion:	168	Resp:	866617
Ion Ratio	Lower	Upper	
168	100		
139	40.8	32.6	49.0
169	13.8	11.3	16.9

Manual Integrations
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#55

4-Nitrophenol

Concen: 31.12 ng m

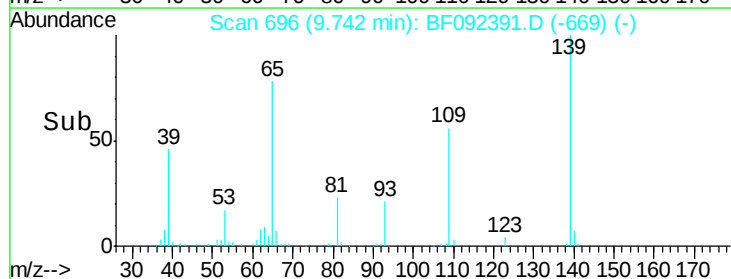
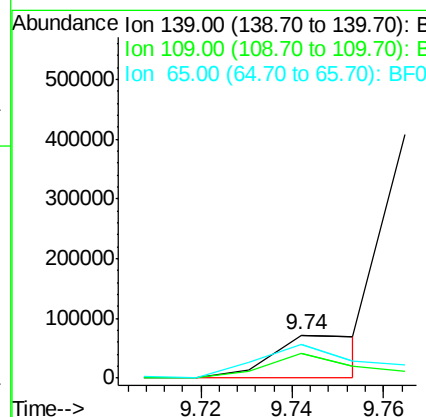
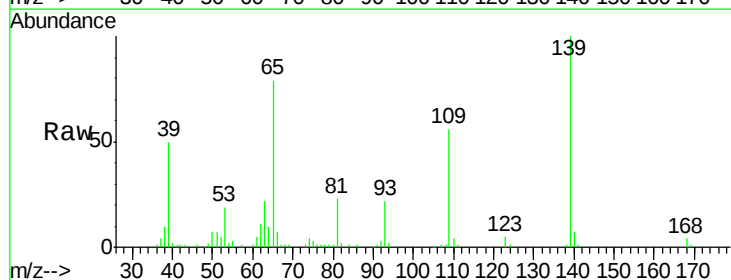
RT: 9.74 min Scan# 696

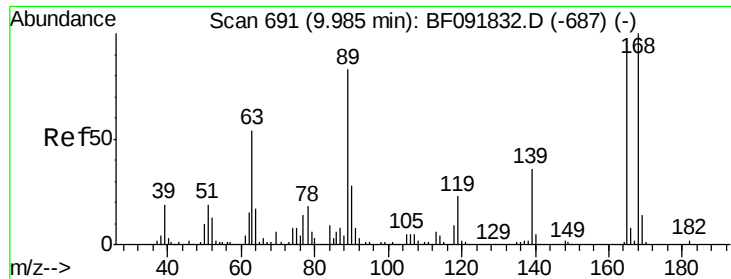
Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	139	Resp:	106076
Ion Ratio	Lower	Upper	
139	100		
109	56.2	52.2	92.2
65	78.8	85.8	125.8#





#56
2,4-Dinitrotoluene
Concen: 33.26 ng
RT: 9.78 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

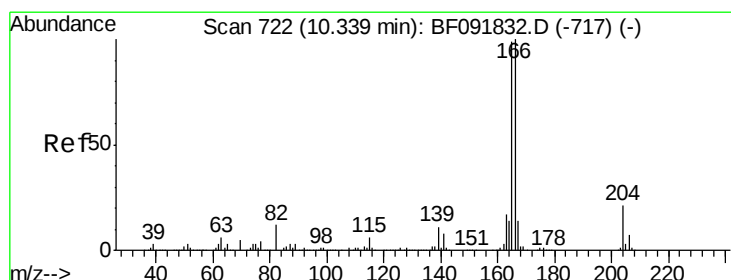
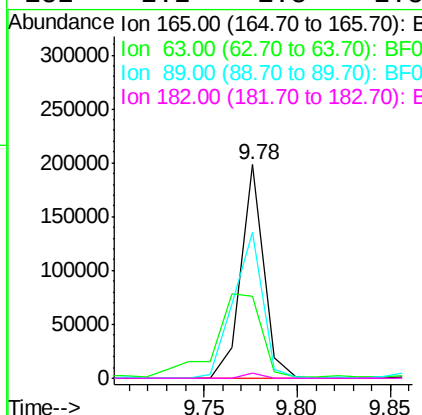
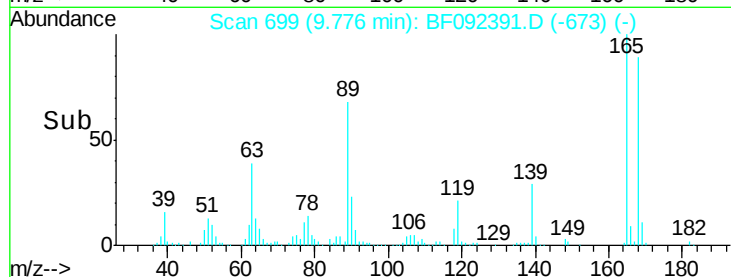
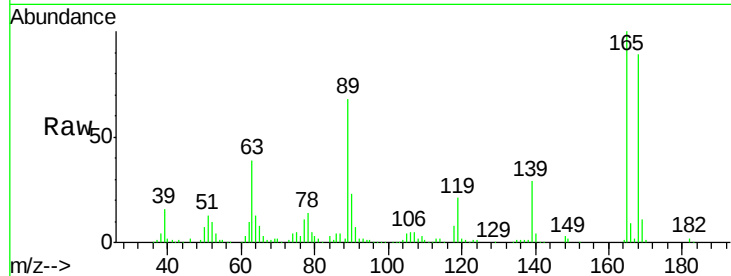
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169328		
63	38.6	40.2	60.4	#
89	68.3	62.5	93.7	
182	2.2	1.8	2.8	

Manual Integrations
APPROVED

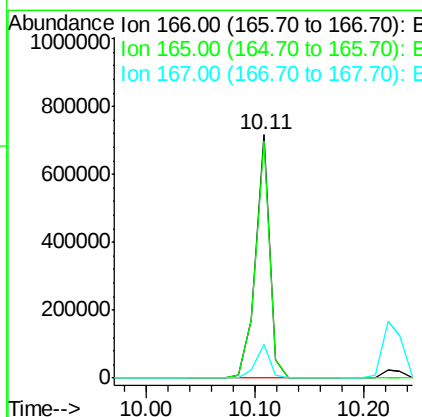
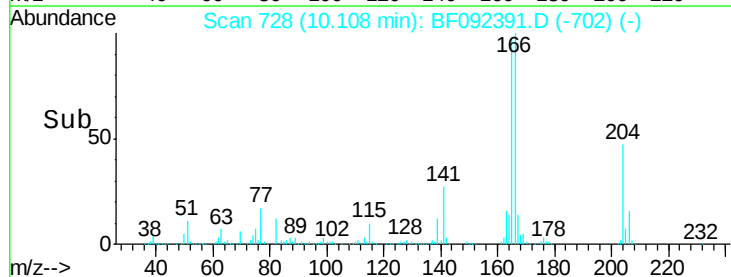
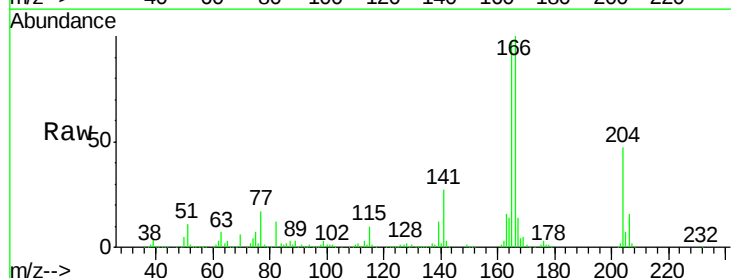
mohammad

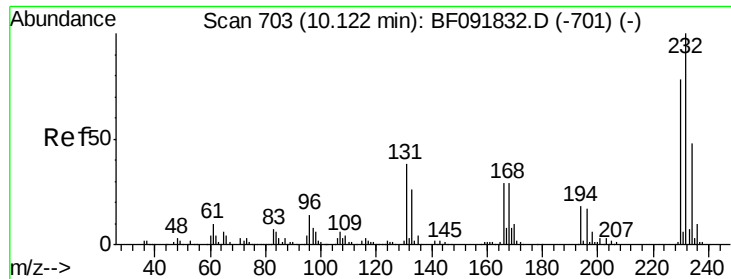
1/25/2017 11:41:30 AM



#57
Fluorene
Concen: 40.64 ng
RT: 10.11 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	654064		
165	97.4	77.8	116.8	
167	13.7	10.8	16.2	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.08 ng
 RT: 9.90 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

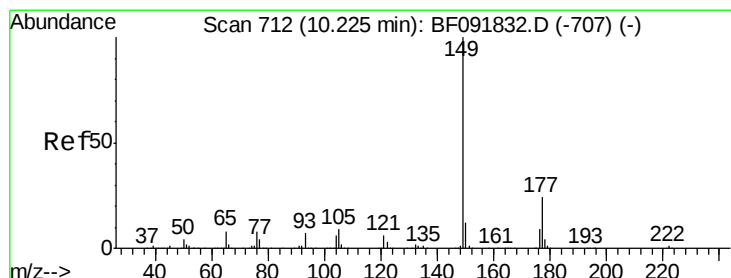
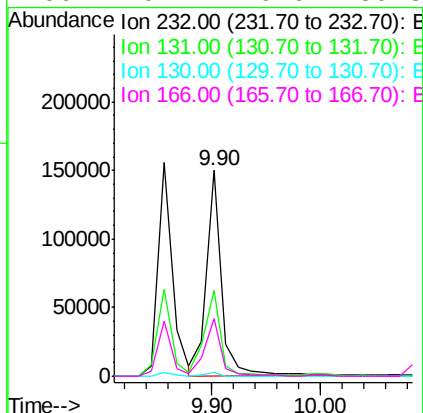
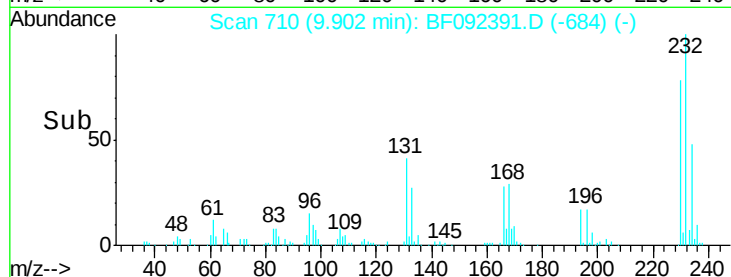
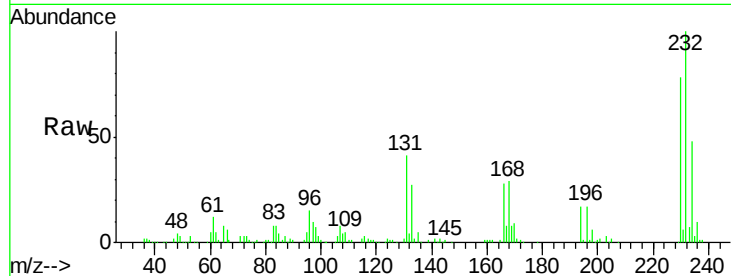
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	146177		
131	45.9	40.1	60.1	
130	2.0	1.8	2.8	
166	29.7	26.6	39.8	

Manual Integrations
 APPROVED

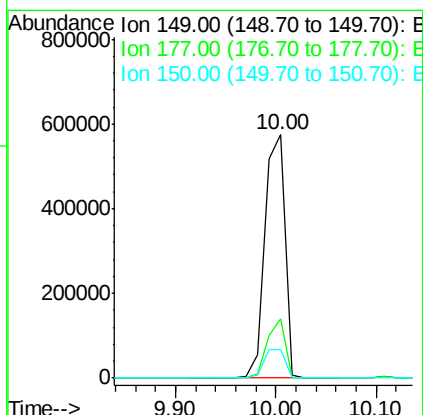
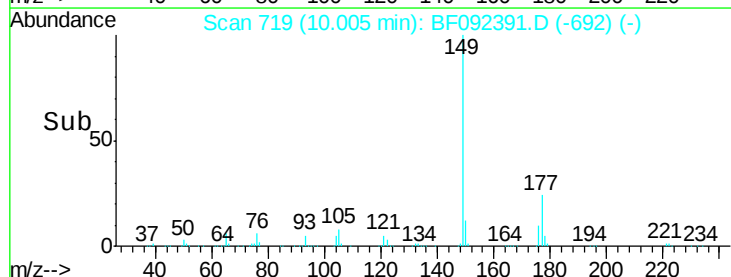
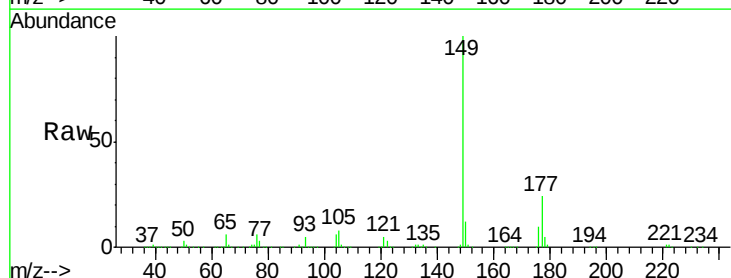
mohammad

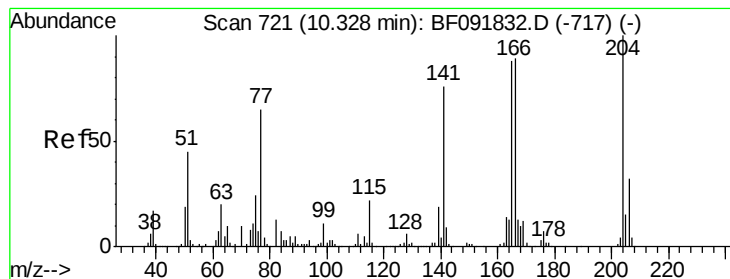
1/25/2017 11:41:30 AM



#59
 Diethylphthalate
 Concen: 44.23 ng
 RT: 10.00 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	796016		
177	24.5	16.6	25.0	
150	11.8	10.4	15.6	





#60

4-Chlorophenyl-phenylether

Concen: 45.12 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 204 Resp: 317963
Ion Ratio Lower Upper

204 100

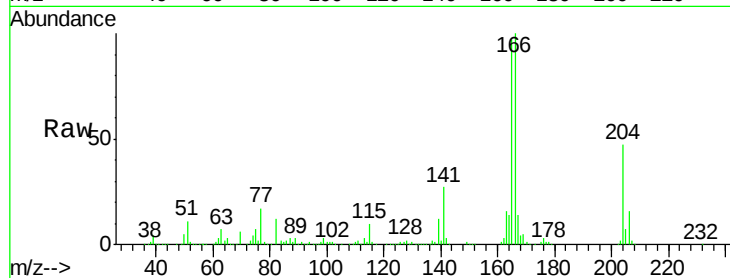
206 32.9 25.8 38.6

141 56.4 59.4 89.0#

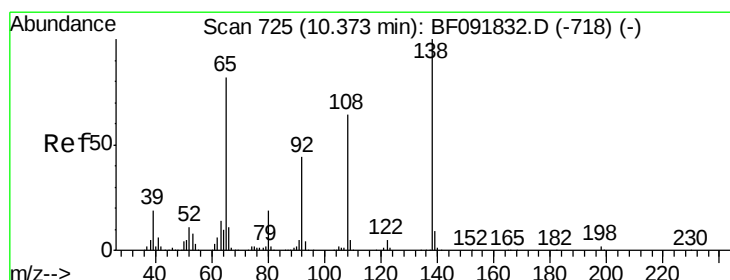
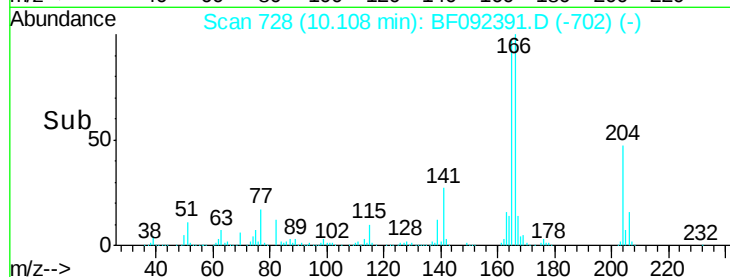
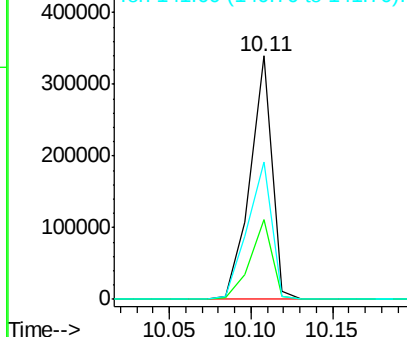
Manual Integrations
APPROVED

mohammad

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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: 48.05 ng

RT: 10.15 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092391.D

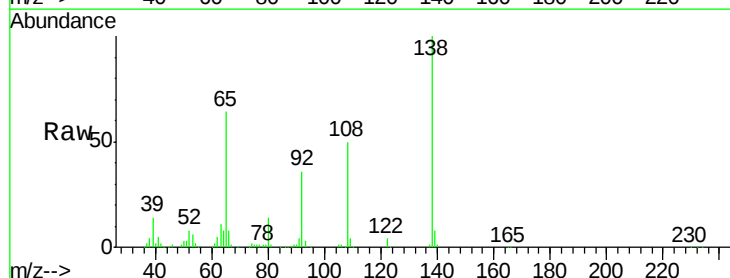
Acq: 21 Jan 2017 2:08

Tgt Ion: 138 Resp: 249971
Ion Ratio Lower Upper

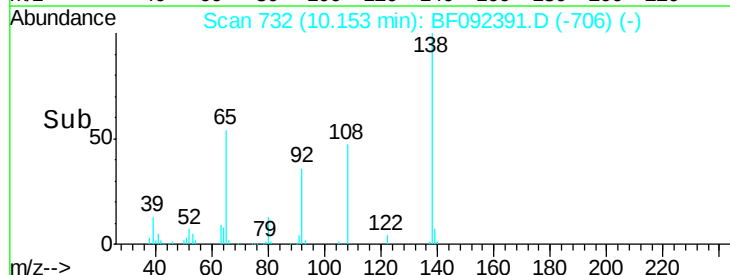
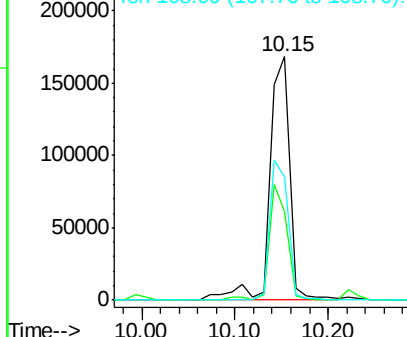
138 100

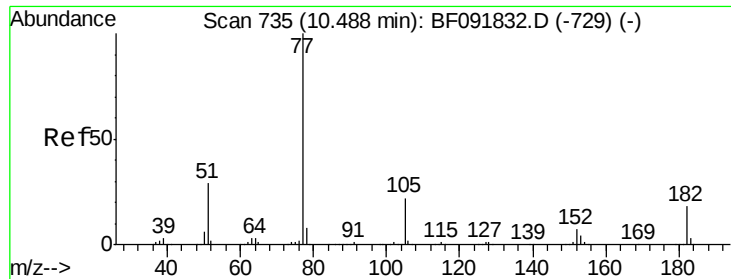
92 36.4 31.7 71.7

108 50.4 52.6 92.6#



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





#62

Azobenzene

Concen: 39.64 ng

RT: 10.27 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

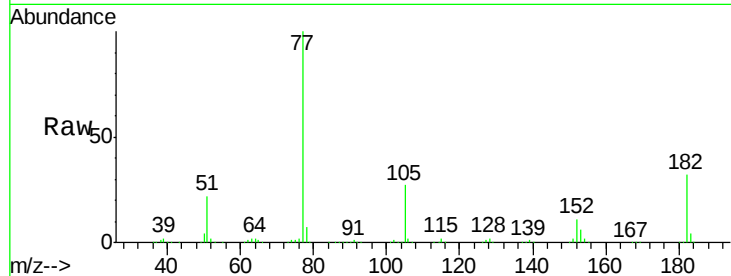
SSTDCCC040

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.4	0.0	39.3	
105	27.2	2.3	42.3	
51	22.5	8.9	48.9	

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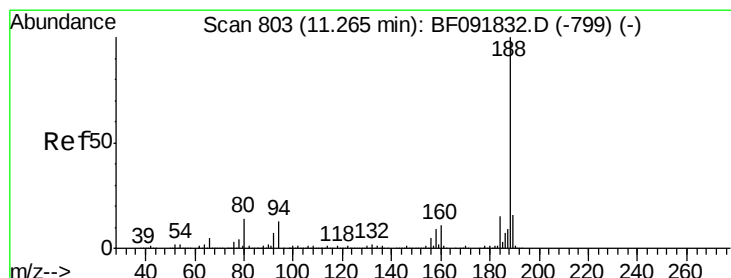
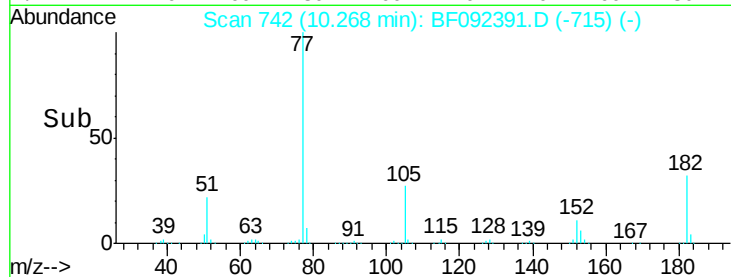
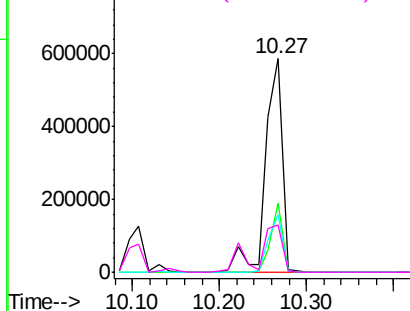


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF092391.D

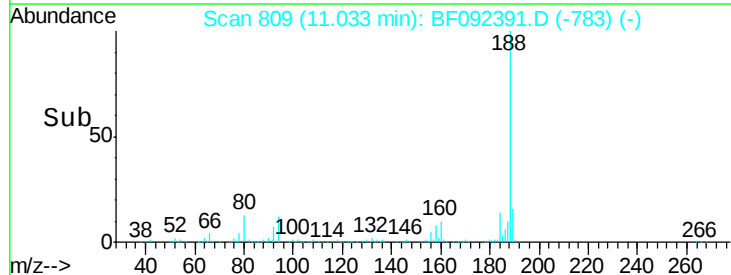
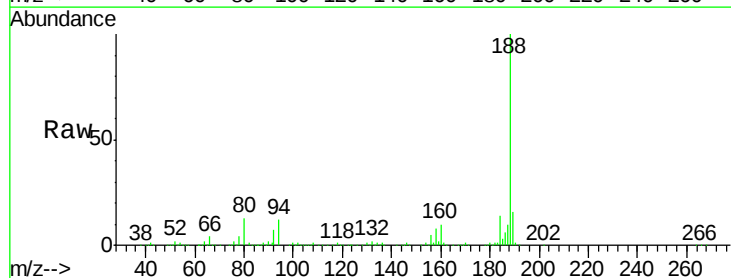
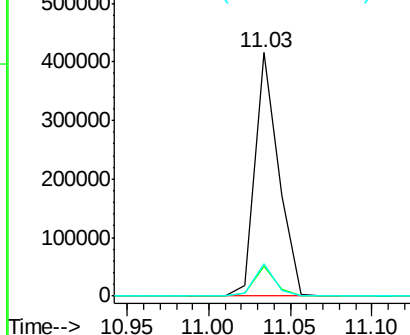
Acq: 21 Jan 2017 2:08

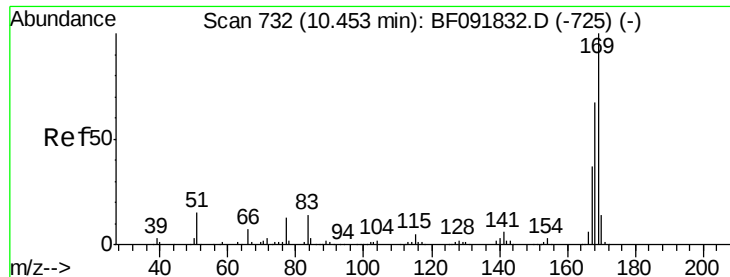
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	12.3	10.0	15.0	
80	13.2	11.2	16.8	

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





#65
n-Nitrosodiphenylamine
Concen: 46.29 ng
RT: 10.22 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

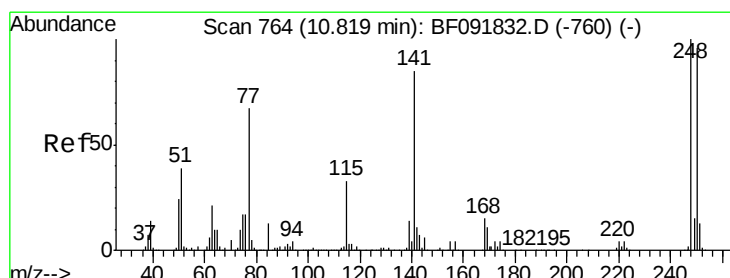
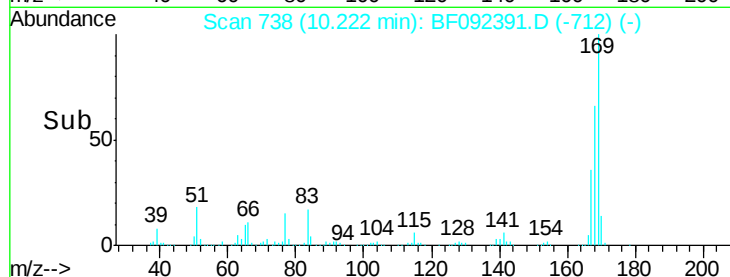
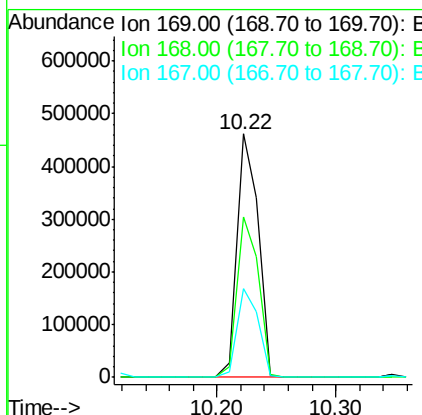
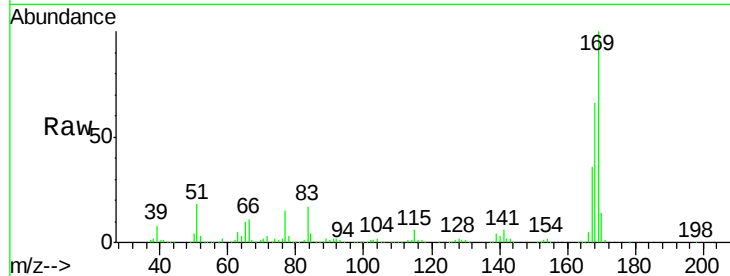
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	572470		
168	65.8		54.2	81.2
167	36.4		30.2	45.4

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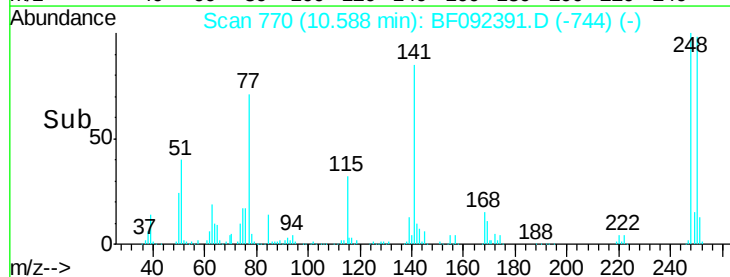
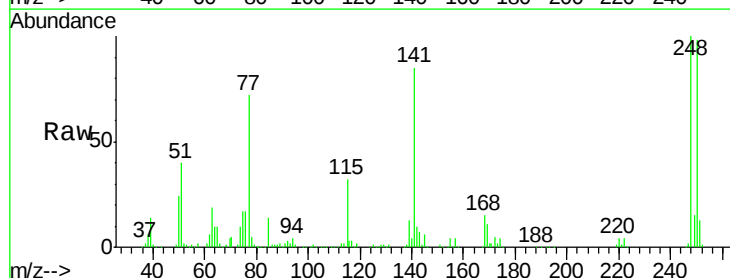
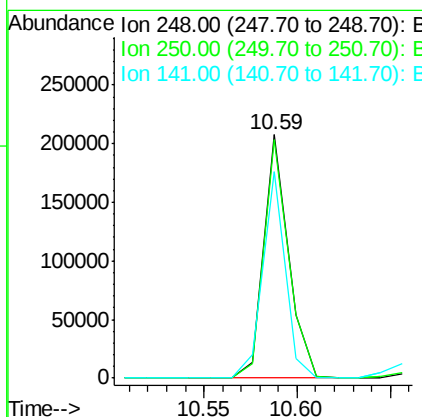
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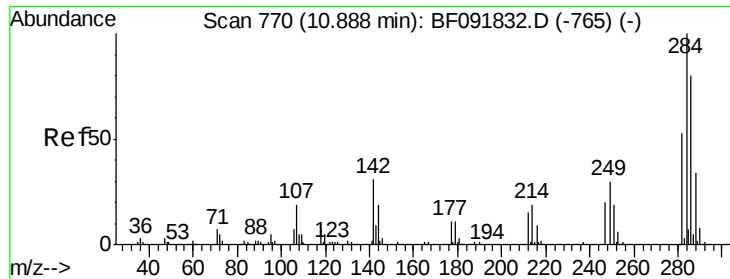
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#66
4-Bromophenyl-phenylether
Concen: 43.85 ng
RT: 10.59 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	190106		
250	98.2		76.9	115.3
141	84.6		68.2	102.4





#67
Hexachlorobenzene
Concen: 42.02 ng
RT: 10.66 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

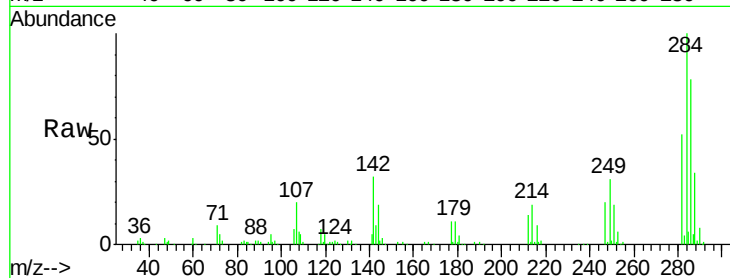
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.7	22.6	33.8
249	31.0	25.4	38.0

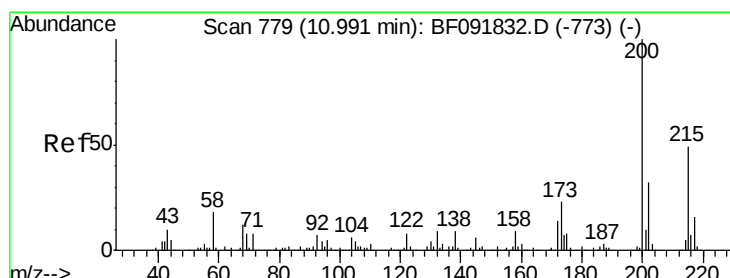
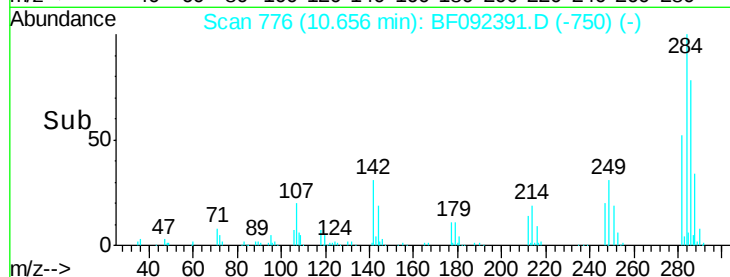
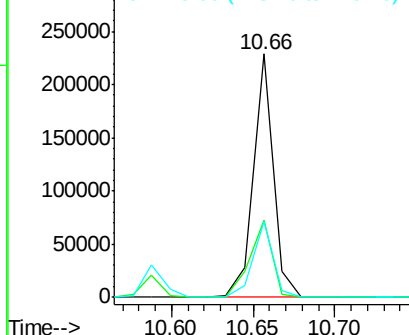
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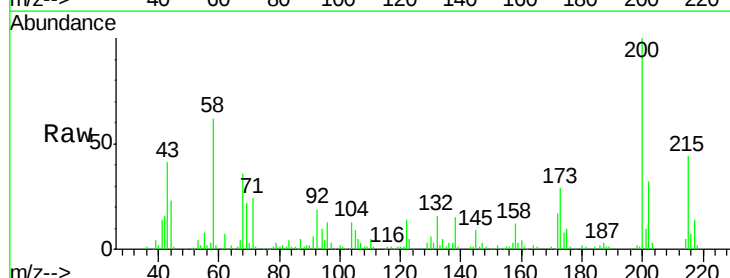


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

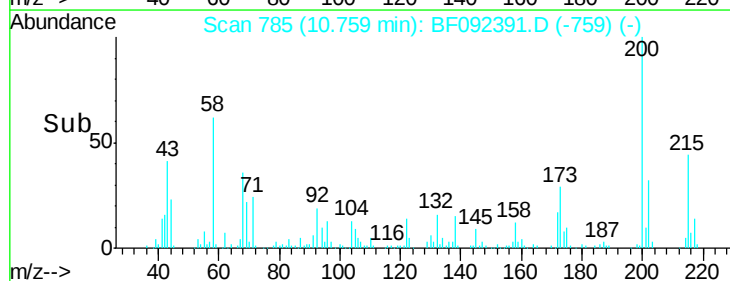
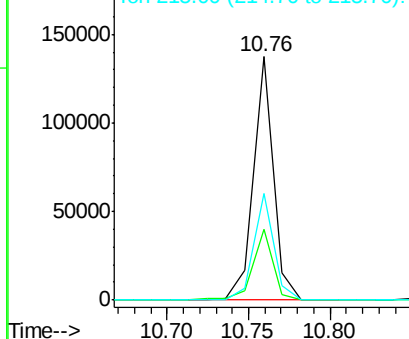


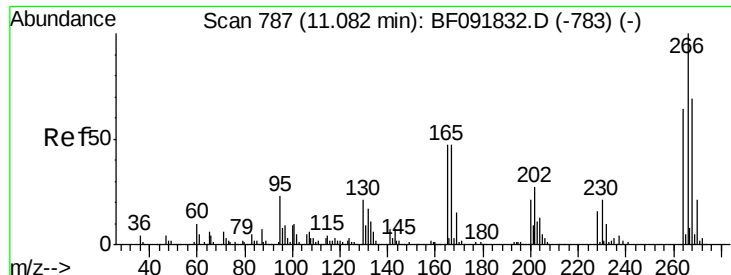
#68
Atrazine
Concen: 29.39 ng
RT: 10.76 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	9.6	49.6
215	43.7	25.7	65.7



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





#69
 Pentachlorophenol
 Concen: 41.72 ng
 RT: 10.86 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

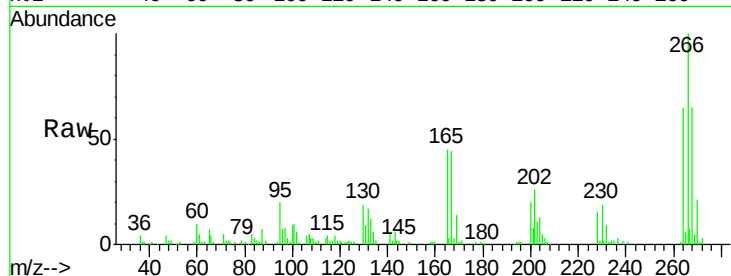
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.3	79.9
264	64.9	50.3	75.5

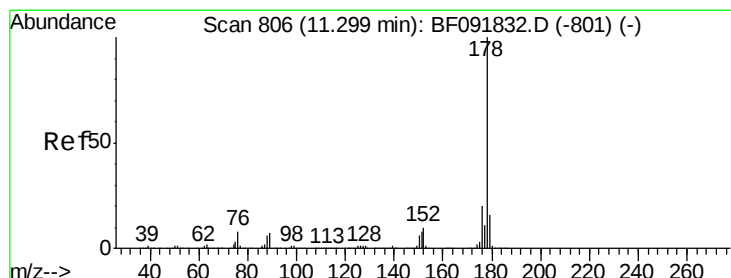
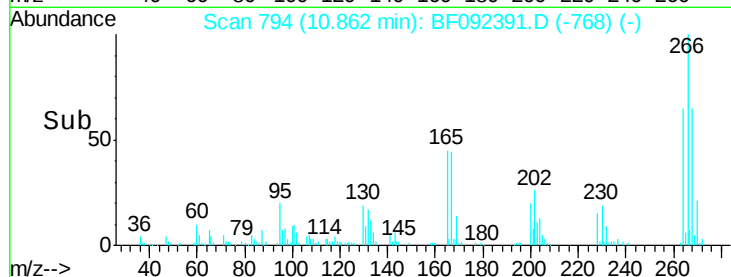
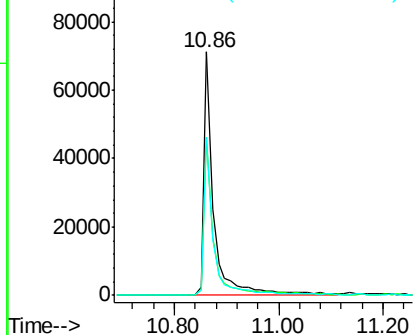
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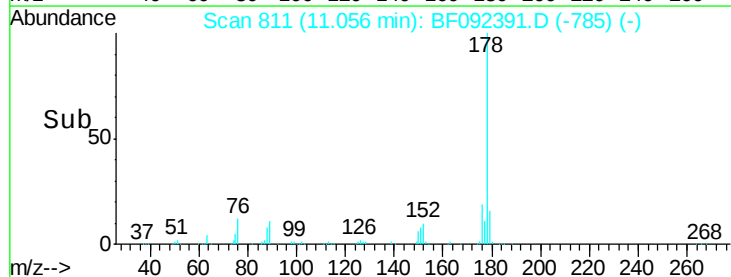
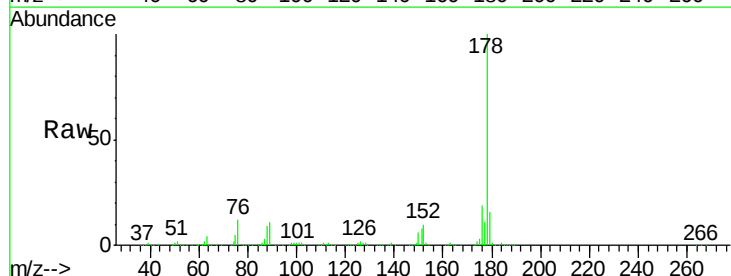
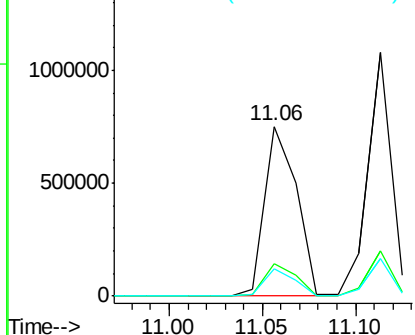
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

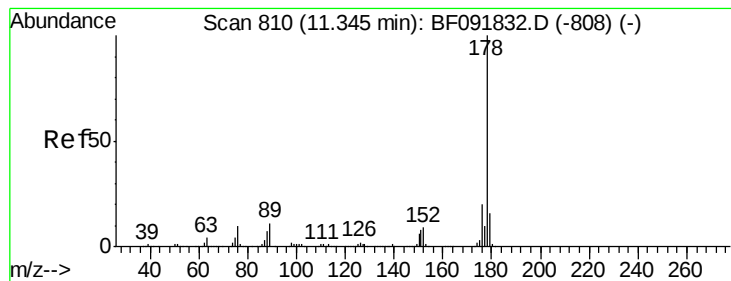


#70
 Phenanthrene
 Concen: 39.24 ng
 RT: 11.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	16.0	12.8	19.2

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





#71

Anthracene

Concen: 47.97 ng

RT: 11.11 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

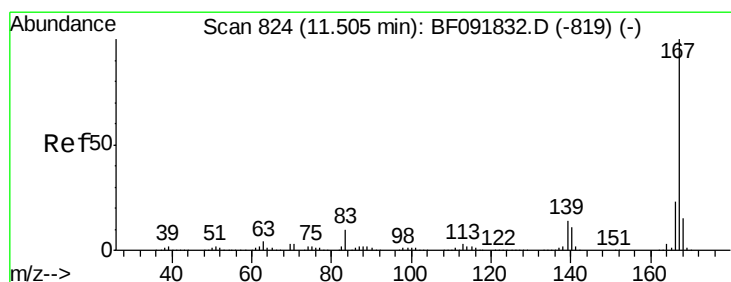
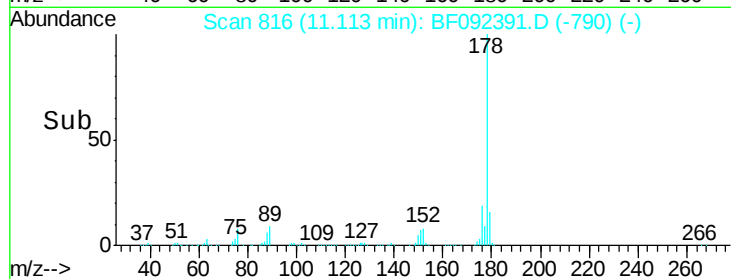
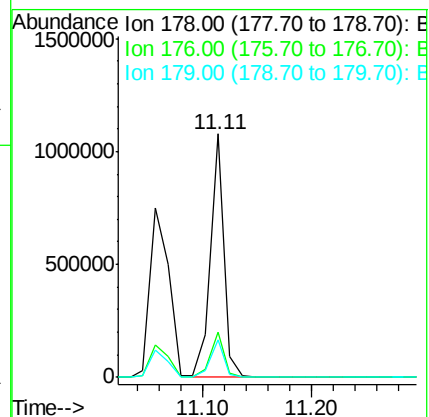
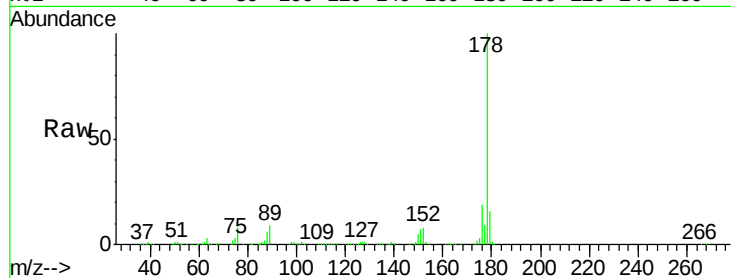
SSTDCCC040

Tgt Ion:	178	Resp:	939457
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.9	23.9
179	15.6	13.2	19.8

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#72

Carbazole

Concen: 43.95 ng

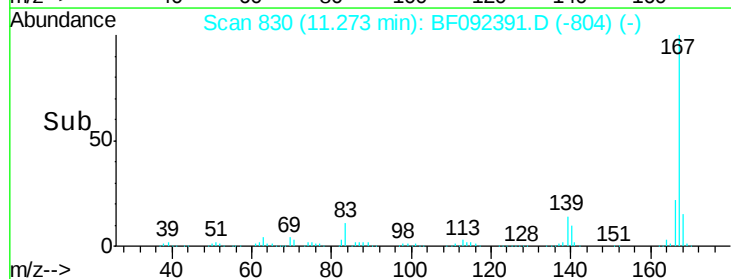
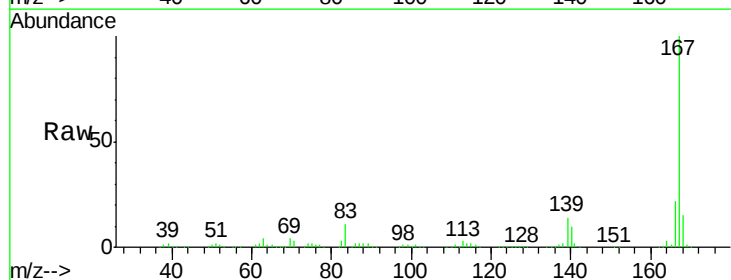
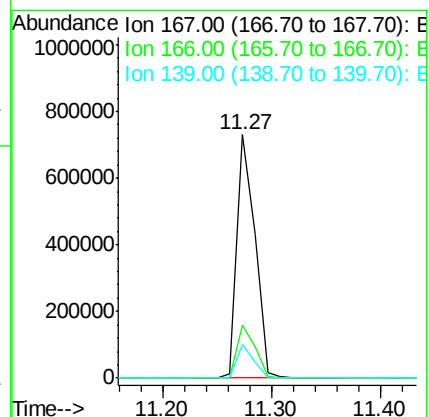
RT: 11.27 min Scan# 830

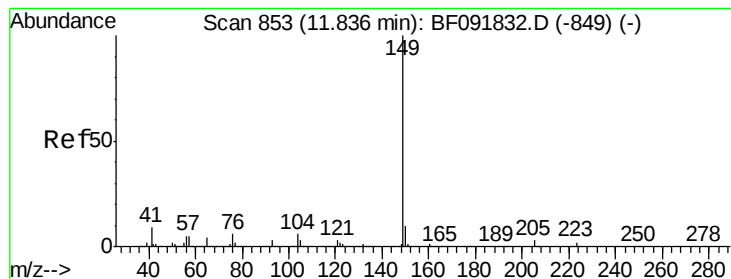
Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	167	Resp:	826504
Ion Ratio	Lower	Upper	
167	100		
166	21.6	18.2	27.2
139	14.0	11.4	17.2





#73
Di-n-butylphthalate
Concen: 51.71 ng
RT: 11.62 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

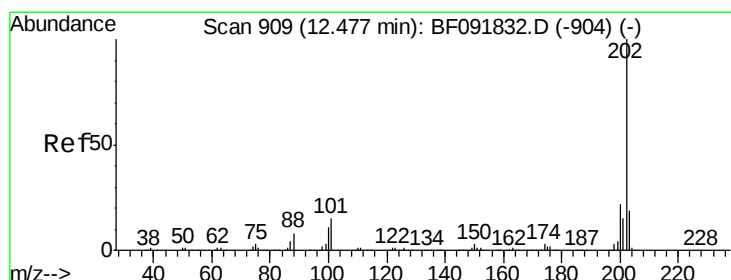
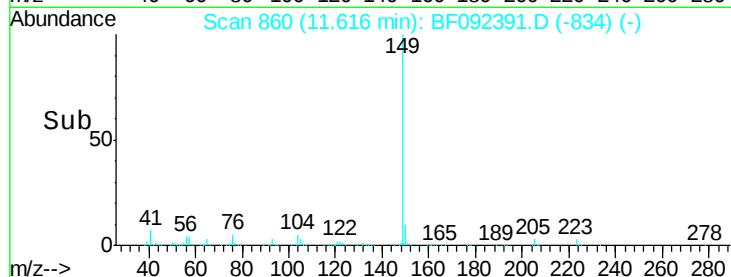
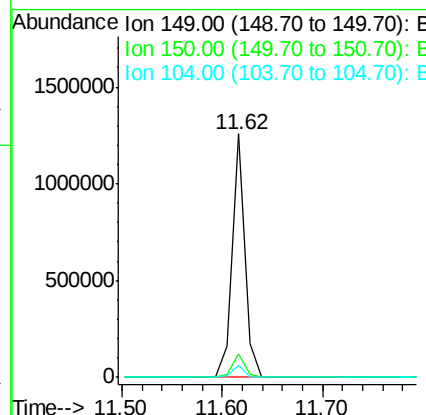
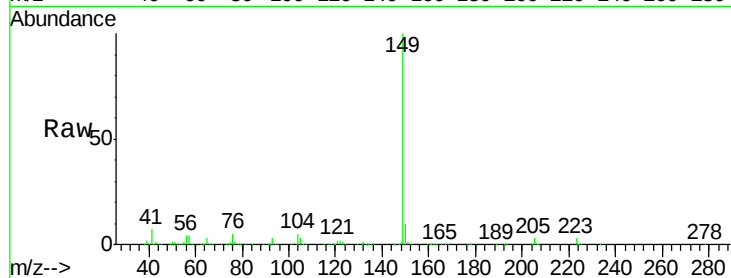
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1094223
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 4.8 4.6 7.0

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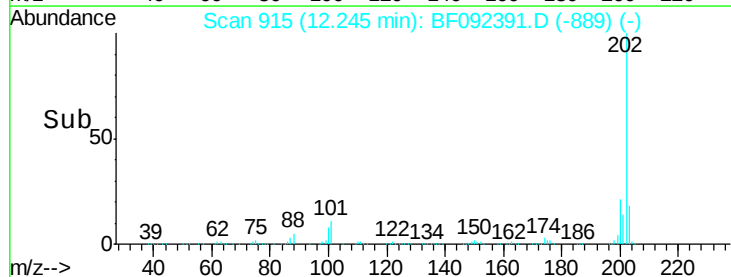
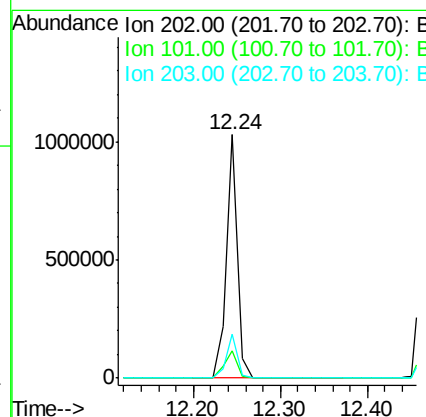
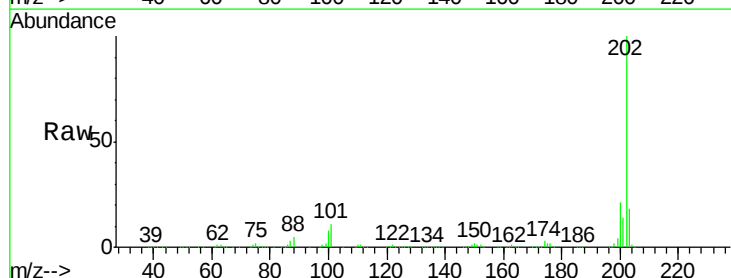
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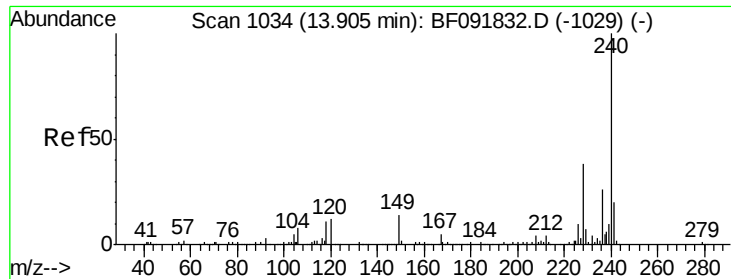
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#74
Fluoranthene
Concen: 46.58 ng
RT: 12.24 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:202 Resp: 920872
Ion Ratio Lower Upper
202 100
101 11.1 0.0 34.6
203 17.9 0.0 38.7





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

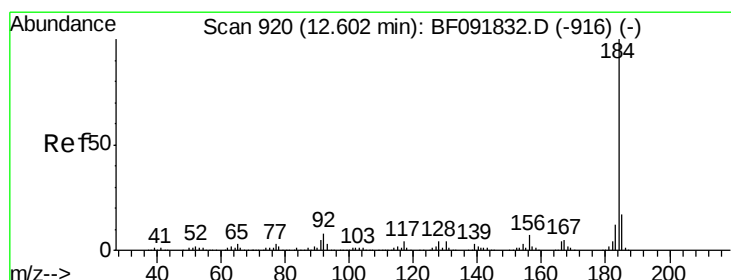
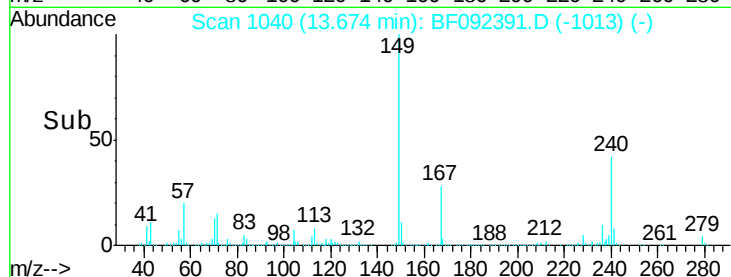
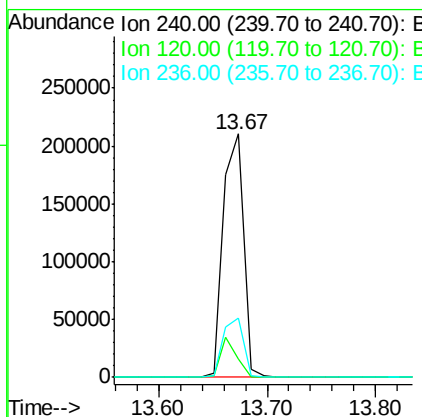
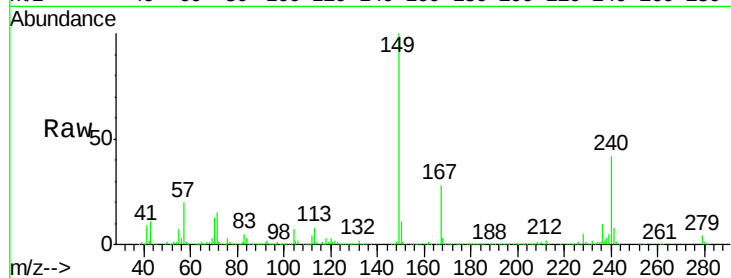
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:240 Resp: 274248
Ion Ratio Lower Upper
240 100
120 7.7 12.9 19.3#
236 24.6 20.9 31.3

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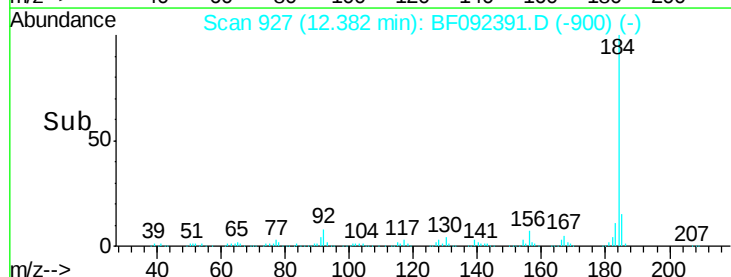
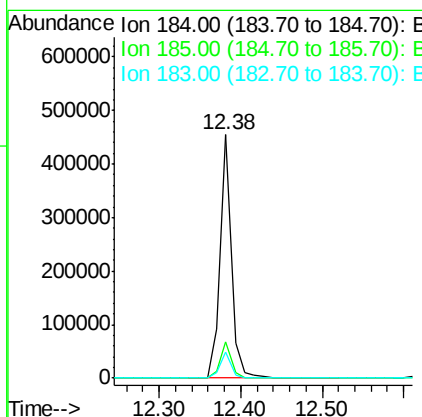
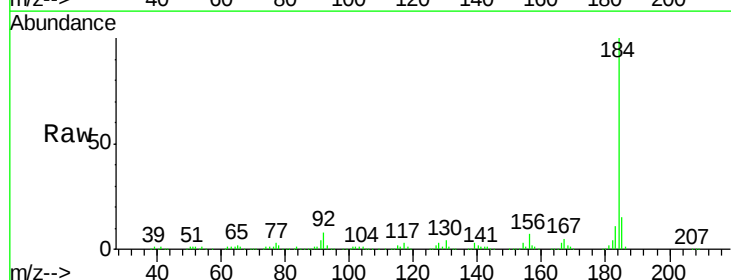
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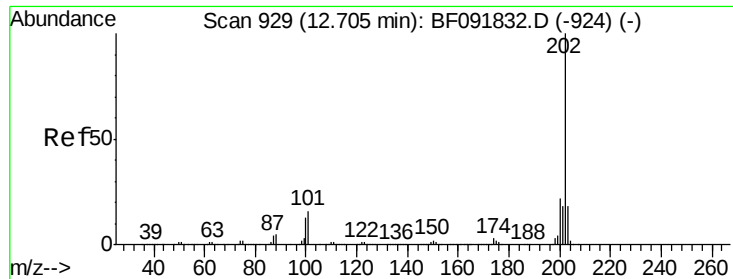
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#76
Benzidine
Concen: 71.42 ng
RT: 12.38 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion:184 Resp: 437506
Ion Ratio Lower Upper
184 100
185 14.9 13.4 20.0
183 10.9 9.2 13.8





#77

Pyrene

Concen: 46.47 ng

RT: 12.47 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

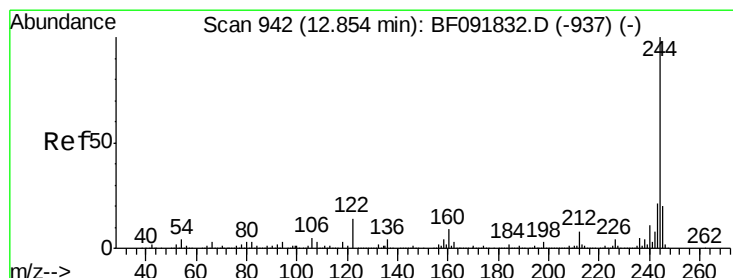
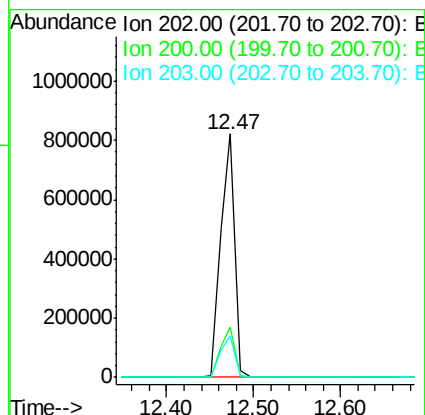
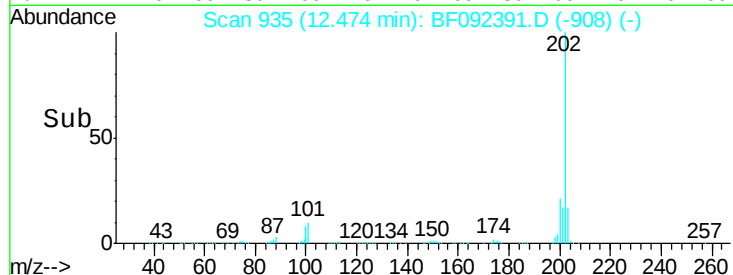
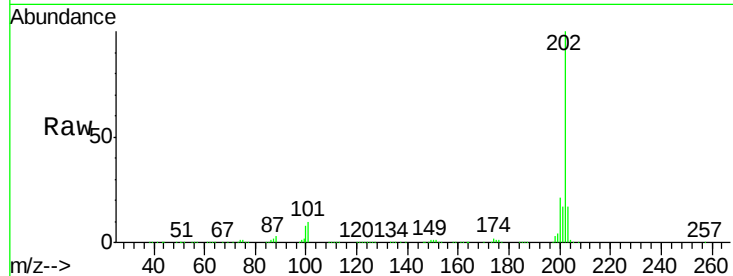
SSTDCCC040

Tgt Ion:	202	Resp:	935028
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.7	26.5
203	17.2	14.7	22.1

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#78

Terphenyl-d14

Concen: 92.78 ng

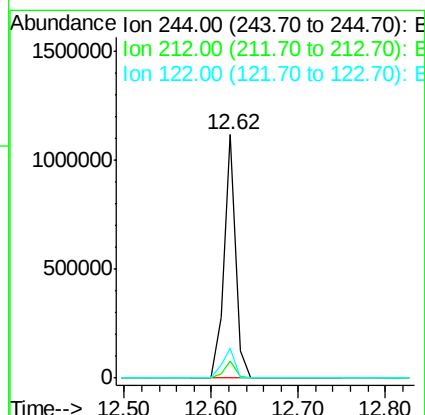
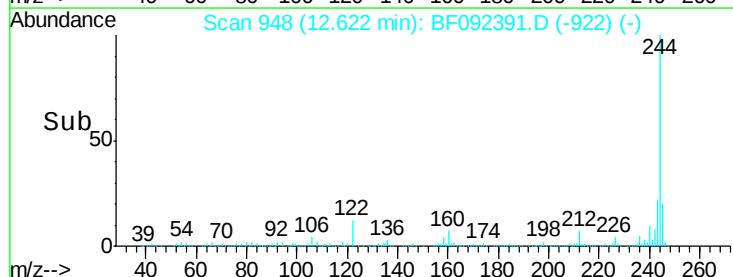
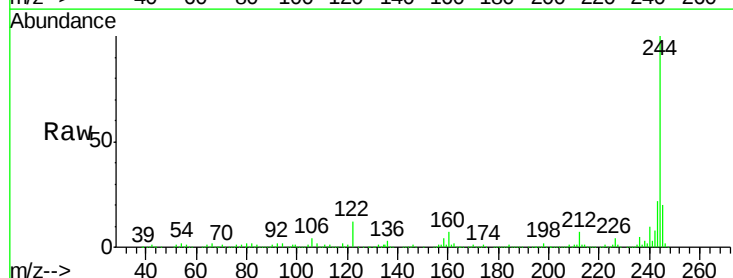
RT: 12.62 min Scan# 948

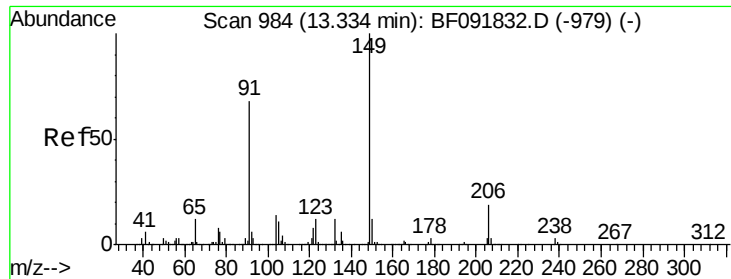
Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	244	Resp:	1049147
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.2	9.2
122	12.1	11.4	17.2





#79
Butylbenzylphthalate
Concen: 46.65 ng
RT: 13.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

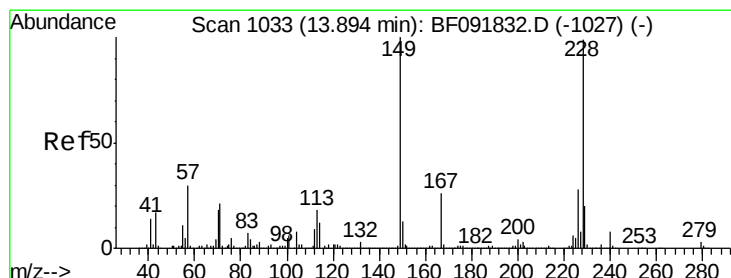
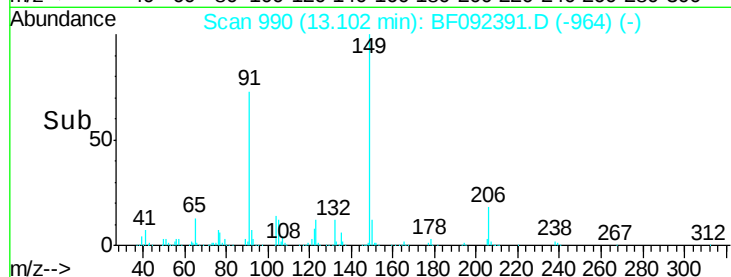
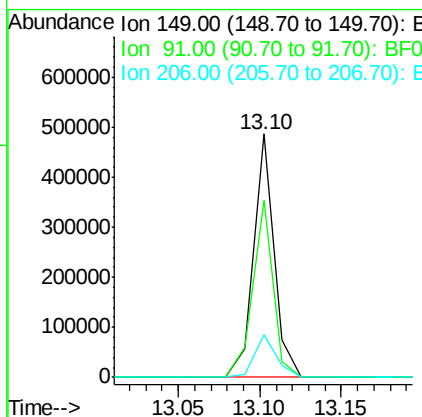
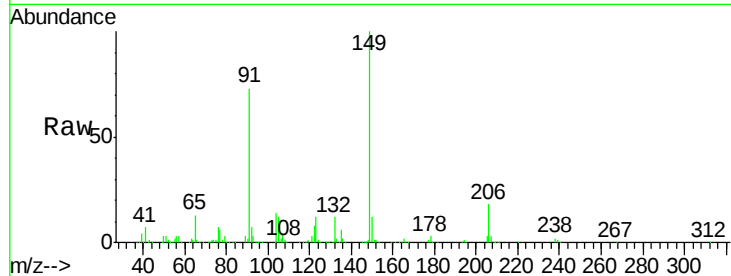
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.9	63.9	95.9
206	17.7	14.6	21.8

Manual Integrations
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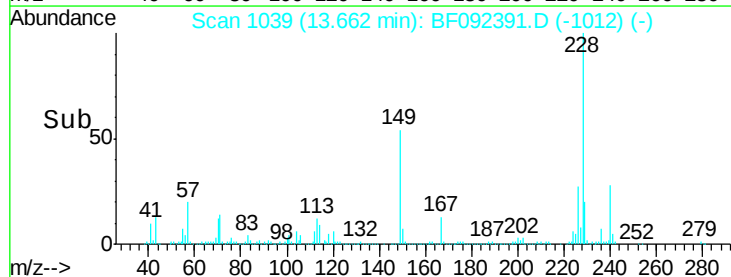
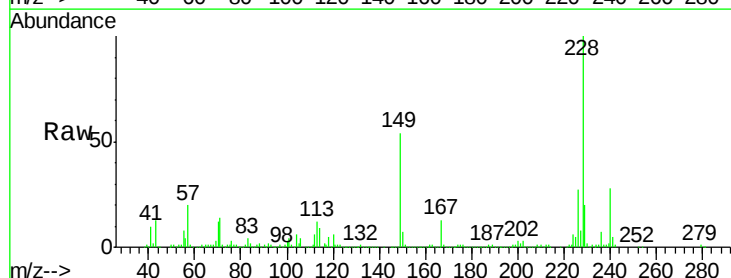
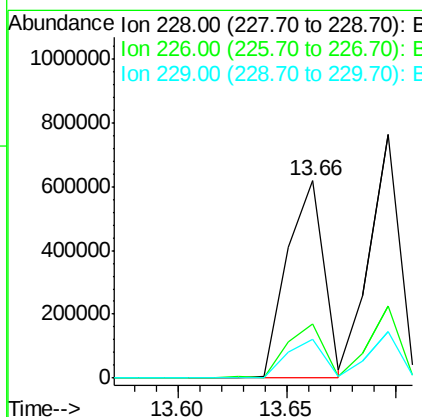
mohammad

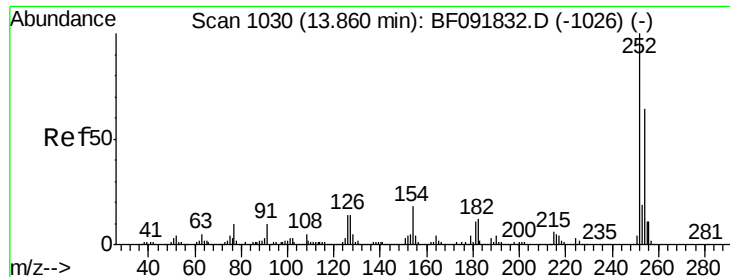
1/25/2017 11:41:30 AM



#80
Benzo(a)anthracene
Concen: 47.05 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

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





#81
 3,3'-Dichlorobenzidine
 Concen: 52.28 ng
 RT: 13.63 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

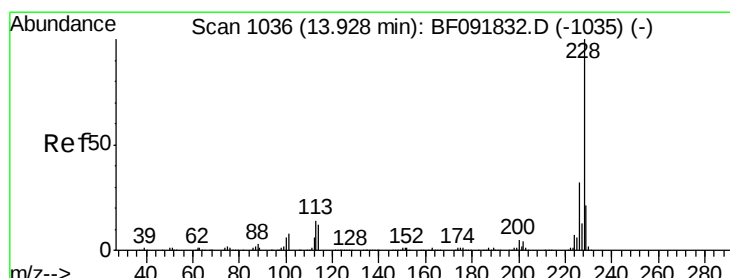
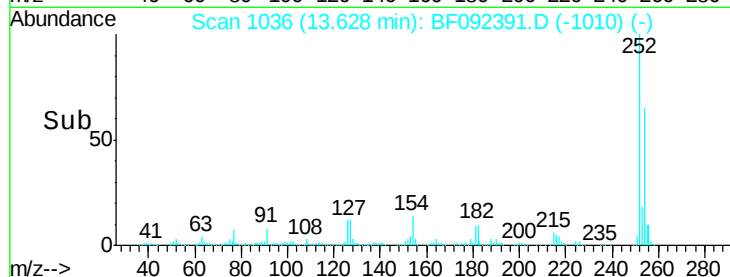
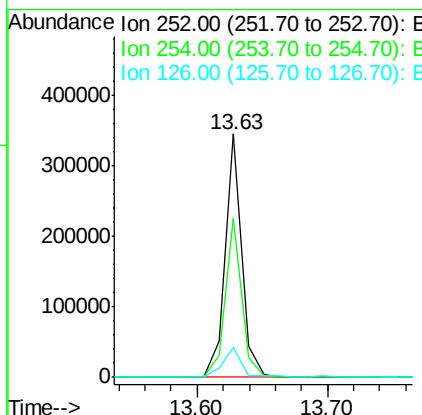
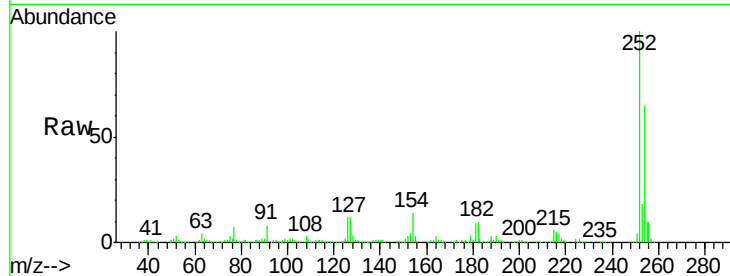
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	12.1	13.6	20.4

Manual Integrations
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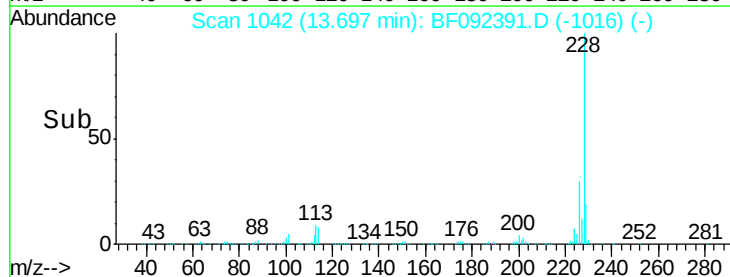
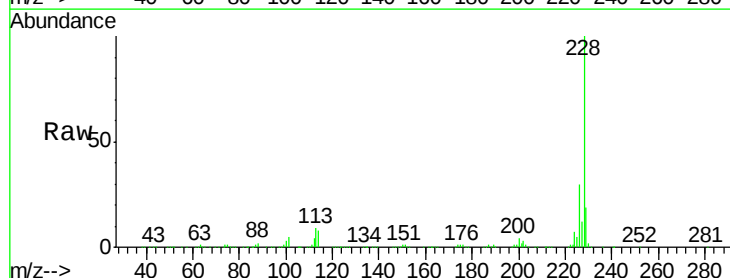
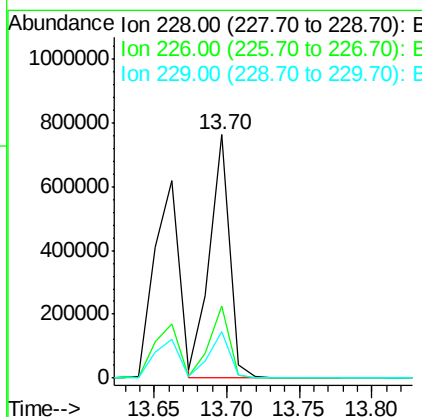
mohammad

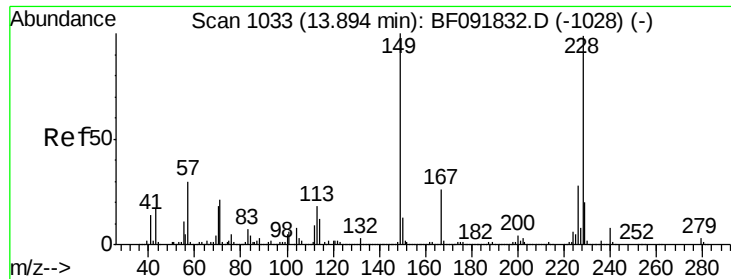
1/25/2017 11:41:30 AM



#82
 Chrysene
 Concen: 47.27 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	19.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.70 ng

RT: 13.67 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Instrument :

BNA_F

ClientSampleId :

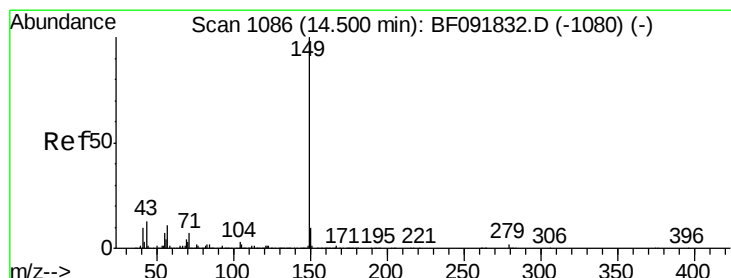
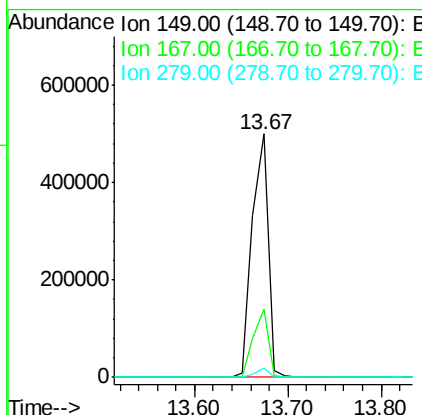
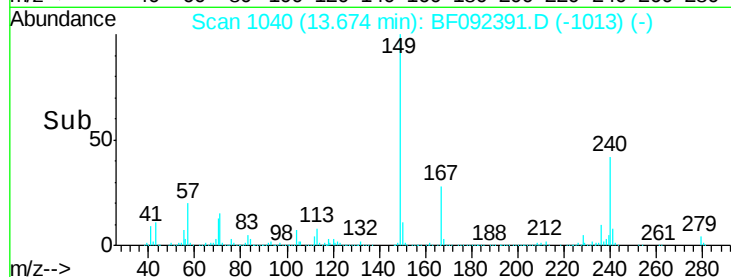
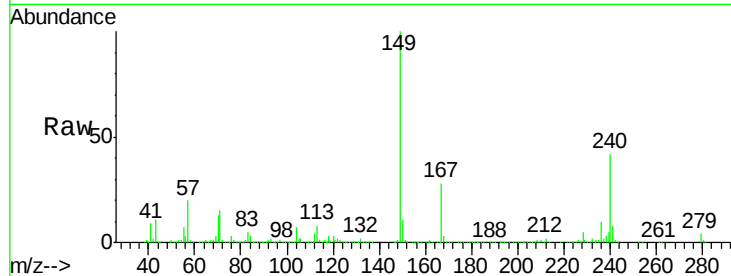
SSTDCCC040

Tgt Ion:	149	Resp:	589533
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.2	30.4
279	3.8	1.8	2.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.39 ng

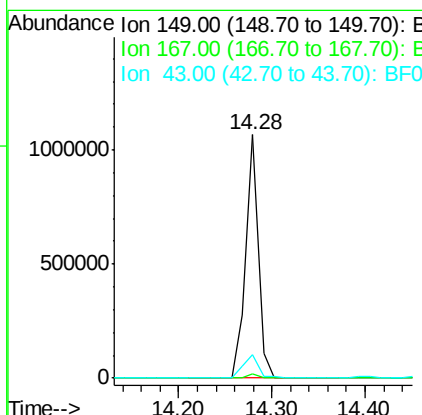
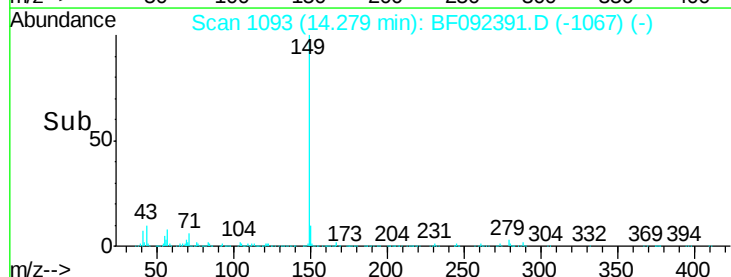
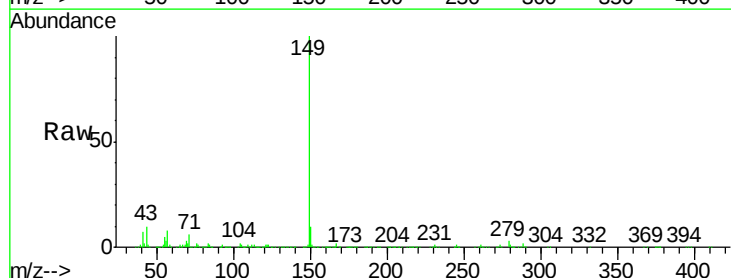
RT: 14.28 min Scan# 1093

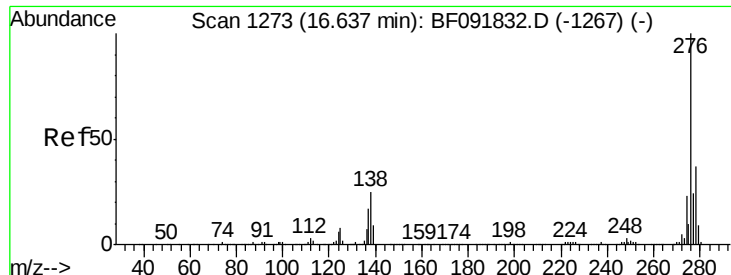
Delta R.T. -0.00 min

Lab File: BF092391.D

Acq: 21 Jan 2017 2:08

Tgt Ion:	149	Resp:	1005972
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.5	8.9	13.3





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.15 ng
 RT: 16.23 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

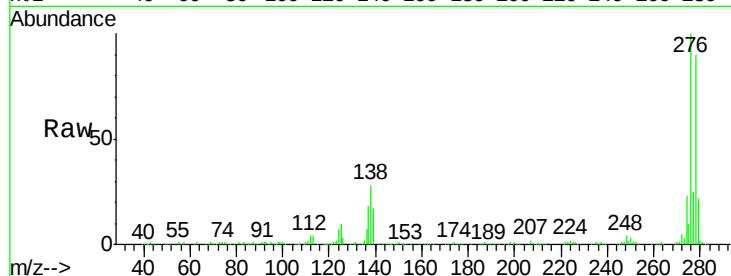
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.8	32.6
277	24.9	20.2	30.4

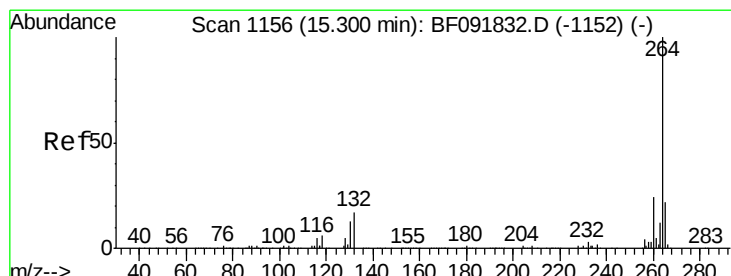
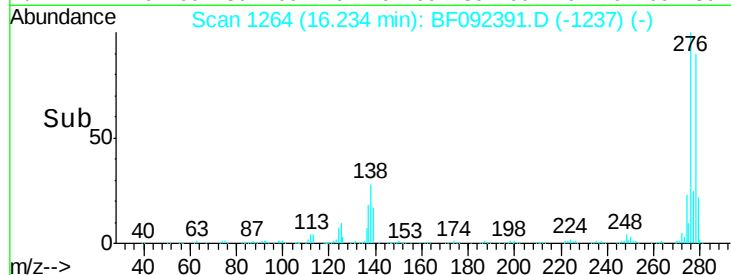
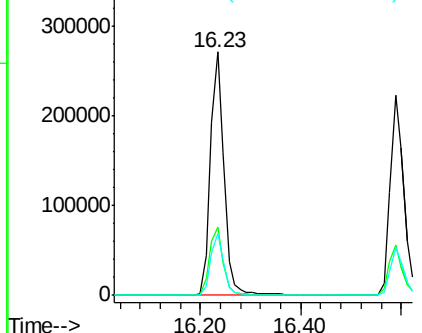
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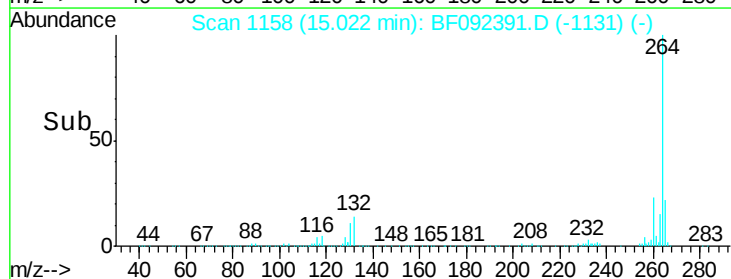
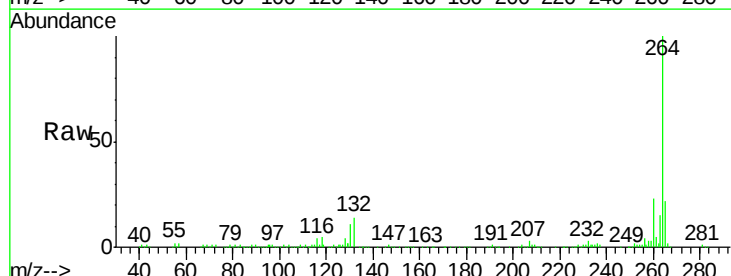
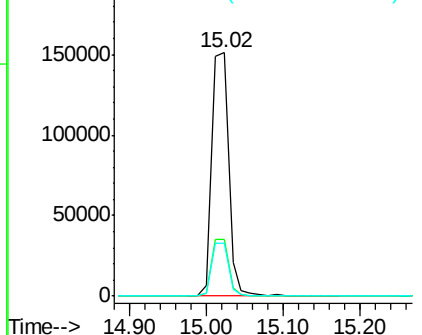
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

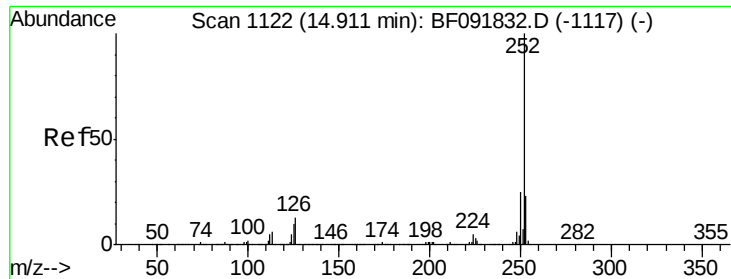


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87
Benzo(b)fluoranthene
Concen: 39.75 ng m
RT: 14.66 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

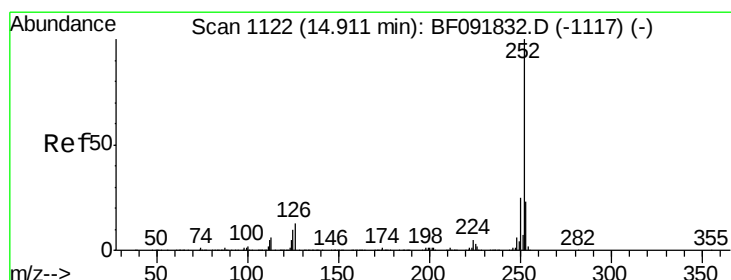
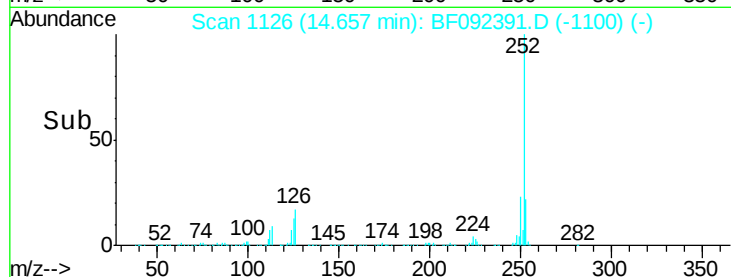
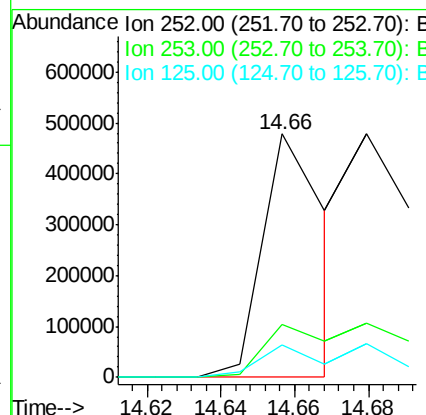
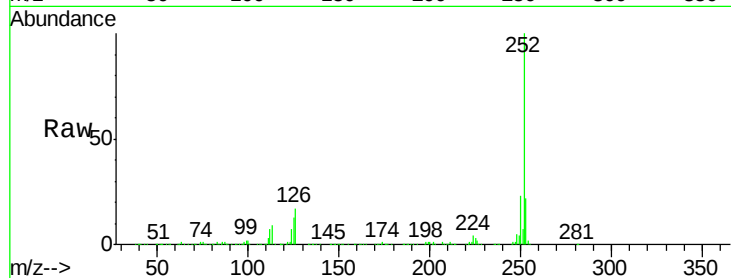
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.4	9.8	14.6

Manual Integrations
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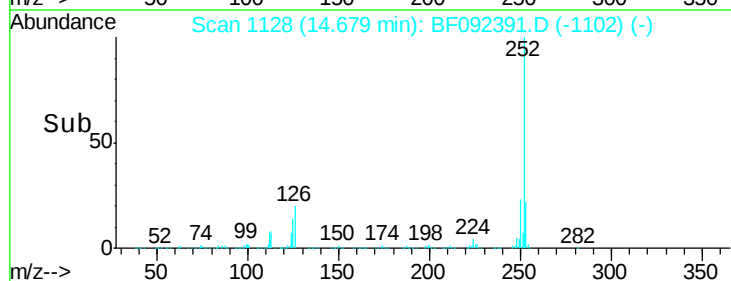
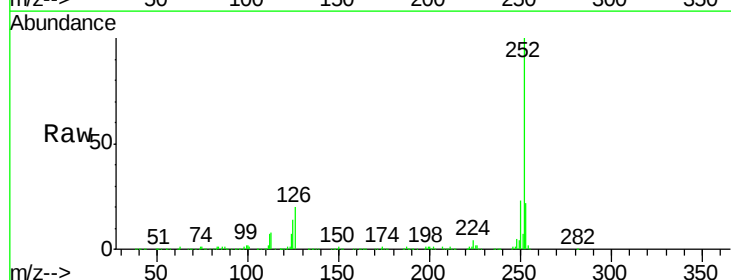
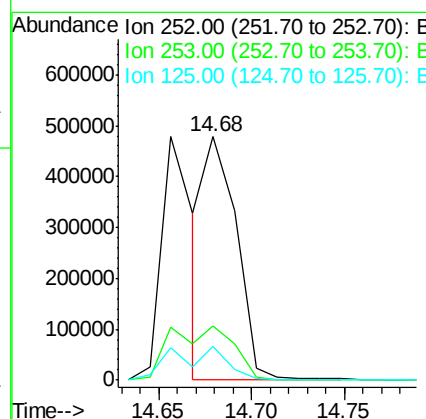
mohammad

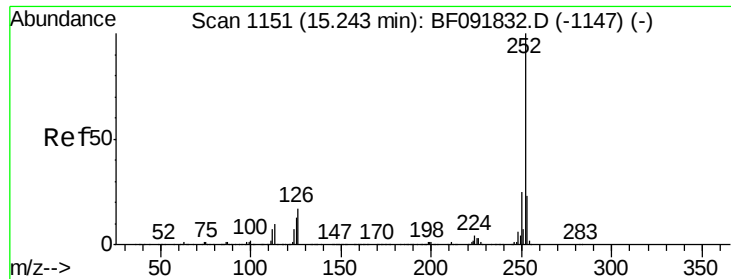
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#88
Benzo(k)fluoranthene
Concen: 47.47 ng m
RT: 14.68 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	14.1	8.9	13.3





#89
Benzo(a)pyrene
Concen: 41.81 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

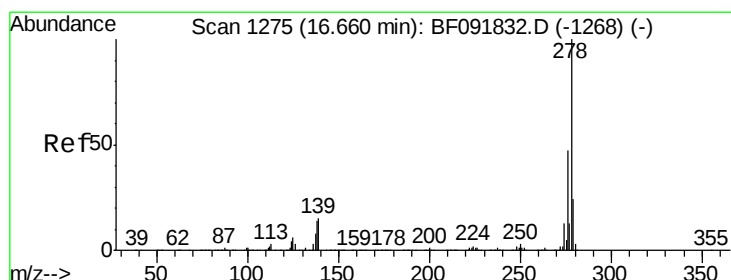
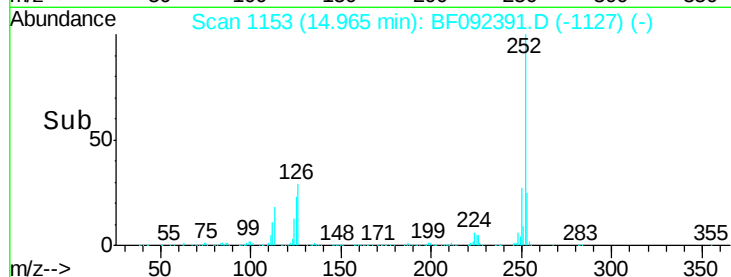
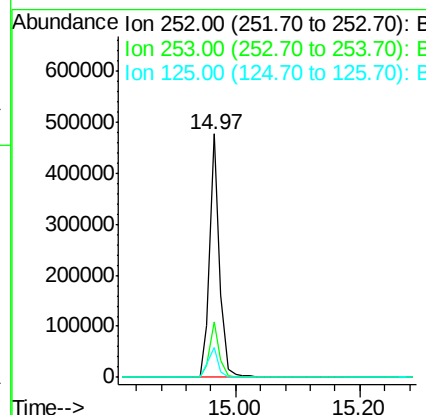
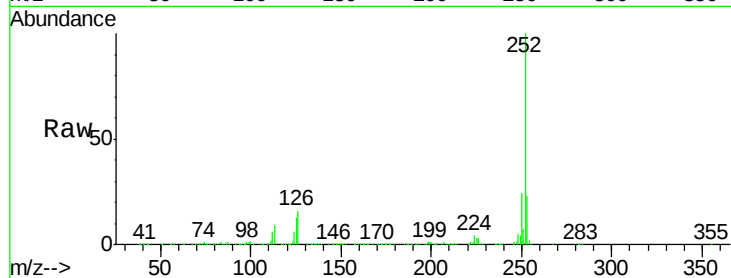
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.5	10.0	15.0

Manual Integrations
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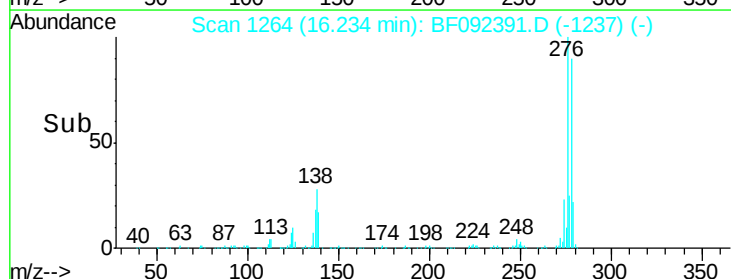
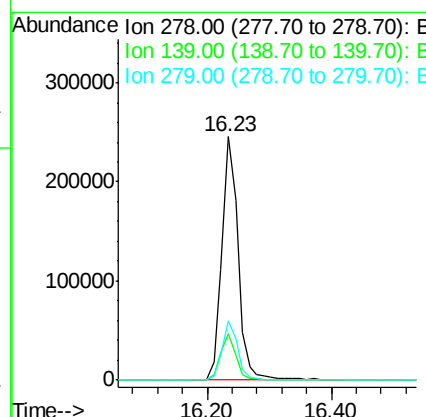
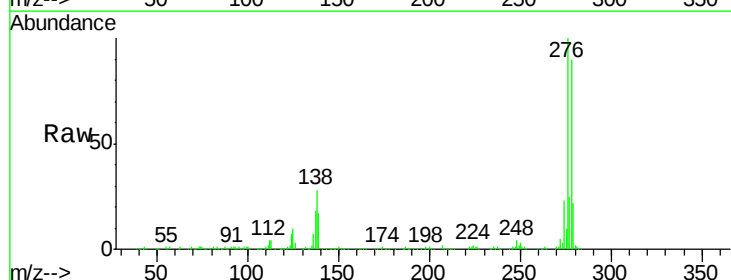
mohammad

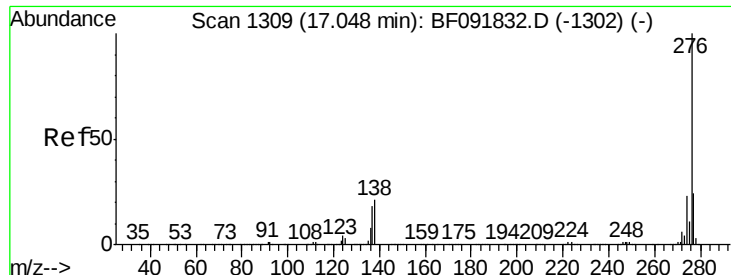
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#90
Dibenzo(a,h)anthracene
Concen: 41.97 ng
RT: 16.23 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF092391.D
Acq: 21 Jan 2017 2:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.8	22.2
279	24.1	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 39.50 ng
 RT: 16.59 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF092391.D
 Acq: 21 Jan 2017 2:08

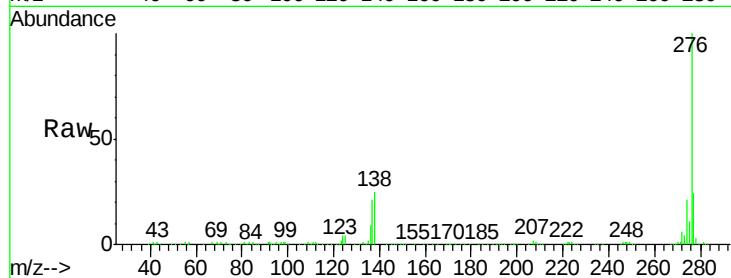
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.9	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

