

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093147.D
 Acq On : 24 Feb 2017 16:19
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

2/27/2017 1:07:26 PM

Quant Time: Feb 24 22:12:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	179299	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	748523	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	405356	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	679566	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	568918	20.00	ng	-0.01
86) Perylene-d12	15.44	264	468306	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	924279	88.44	ng	-0.02
7) Phenol-d6	6.48	99	1126644	83.78	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1060193	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	222576	75.92	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1623205	72.55	ng	-0.01
78) Terphenyl-d14	12.96	244	1858354	76.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	228976	40.55	ng	# 83
3) Pyridine	3.10	79	676209	47.09	ng	88
4) n-Nitrosodimethylamine	3.07	42	297054	44.06	ng	89
6) Aniline	6.50	93	796922	43.45	ng	# 56
8) 2-Chlorophenol	6.62	128	496579	43.07	ng	91
9) Benzaldehyde	6.38	77	347585	36.08	ng	98
10) Phenol	6.49	94	594652	37.80	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	560370	44.62	ng	98
12) 1,3-Dichlorobenzene	6.77	146	553782m	41.01	ng	
13) 1,4-Dichlorobenzene	6.85	146	578757	42.34	ng	96
14) 1,2-Dichlorobenzene	7.01	146	506219m	38.73	ng	
15) Benzyl Alcohol	6.99	79	405839	40.77	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	950247	43.56	ng	99
17) 2-Methylphenol	7.10	107	439999	44.48	ng	98
18) Hexachloroethane	7.34	117	192659	41.29	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	374064	43.70	ng	99
20) 3+4-Methylphenols	7.26	107	534670	45.21	ng	# 87
22) Acetophenone	7.25	105	658442	38.53	ng	# 95
24) Nitrobenzene	7.44	77	571125	41.38	ng	# 80
25) Isophorone	7.68	82	1079591	43.10	ng	99
26) 2-Nitrophenol	7.74	139	268908	40.99	ng	95
27) 2,4-Dimethylphenol	7.79	122	467677	40.59	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	640414	38.61	ng	99
29) 2,4-Dichlorophenol	8.00	162	438017	40.76	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	464016	40.07	ng	99
31) Naphthalene	8.16	128	1509662	39.79	ng	99
32) Benzoic acid	7.94	122	263442	41.49	ng	98
33) 4-Chloroaniline	8.20	127	578894	38.90	ng	95
34) Hexachlorobutadiene	8.27	225	247420	38.83	ng	99
35) Caprolactam	8.59	113	143632	42.49	ng	# 33
36) 4-Chloro-3-methylphenol	8.69	107	435181	38.84	ng	97
37) 2-Methylnaphthalene	8.84	142	960475	39.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	468934	41.21	ng	98
40) Hexachlorocyclopentadiene	8.99	237	202606	39.47	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	299451	40.05	nq	94
43) 2,4,5-Trichlorophenol	9.17	196	319688	39.02	nq #	85
45) 1,1'-Biphenyl	9.31	154	1226401	41.78	nq	98
46) 2-Chloronaphthalene	9.33	162	935132	40.73	nq	98
47) 2-Nitroaniline	9.44	65	351713	45.56	nq	92
48) Acenaphthylene	9.74	152	1395704	35.19	nq	99
49) Dimethylphthalate	9.62	163	1132245	41.47	nq	100
50) 2,6-Dinitrotoluene	9.68	165	225931	38.32	nq #	78
51) Acenaphthene	9.92	154	807905	34.07	nq	96
52) 3-Nitroaniline	9.85	138	268274	39.76	nq	99
53) 2,4-Dinitrophenol	9.96	184	135183	47.13	nq #	89
54) Dibenzofuran	10.09	168	1059057	33.39	nq	97
55) 4-Nitrophenol	10.02	139	192024	39.51	nq	88
56) 2,4-Dinitrotoluene	10.09	165	311751	39.71	nq #	88
57) Fluorene	10.43	166	911004	37.33	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	234091	42.84	nq	97
59) Diethylphthalate	10.30	149	983428	38.22	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	410307	35.00	nq	94
61) 4-Nitroaniline	10.46	138	287721	41.63	nq	93
62) Azobenzene	10.58	77	1043948	39.27	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	191033	46.28	nq	94
65) n-Nitrosodiphenylamine	10.54	169	812086	37.41	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	258245	36.37	nq	97
67) Hexachlorobenzene	10.98	284	263782	37.60	nq #	92
68) Atrazine	11.07	200	263782	37.86	nq	99
69) Pentachlorophenol	11.17	266	141402	42.73	nq	99
70) Phenanthrene	11.39	178	1345742	34.57	nq	99
71) Anthracene	11.45	178	1591285	40.70	nq	99
72) Carbazole	11.60	167	1472321	39.39	nq	99
73) Di-n-butylphthalate	11.93	149	1528602	37.82	nq #	98
74) Fluoranthene	12.58	202	1485716	37.00	nq	97
76) Benzidine	12.71	184	863062	35.60	nq	98
77) Pyrene	12.81	202	1475115	34.65	nq	99
79) Butylbenzylphthalate	13.43	149	712584	41.21	nq	90
80) Benzo(a)anthracene	14.00	228	1279944	36.78	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	481556	38.82	nq #	97
82) Chrysene	14.03	228	1160600	35.62	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	948485	40.11	nq #	96
84) Di-n-octyl phthalate	14.59	149	1515420	39.36	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	927719	36.76	nq #	94
87) Benzo(b)fluoranthene	15.03	252	1103174m	35.79	nq	
88) Benzo(k)fluoranthene	15.06	252	1137734m	42.75	nq	
89) Benzo(a)pyrene	15.38	252	1027738	38.55	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	799125	37.08	nq	96
91) Benzo(g,h,i)perylene	17.27	276	792079	36.38	nq #	89

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

```
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Acq On    : 24 Feb 2017  16:19  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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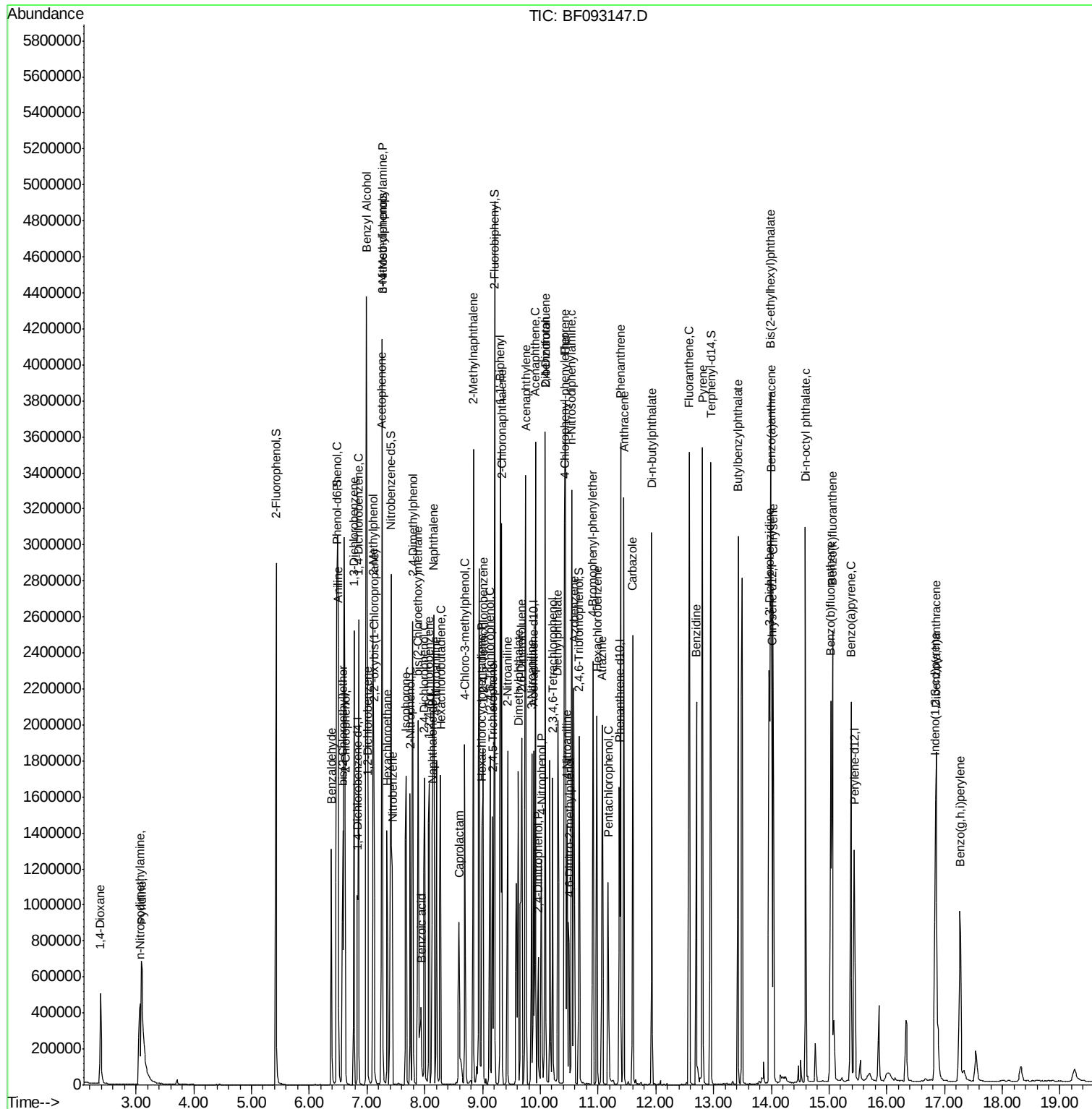
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

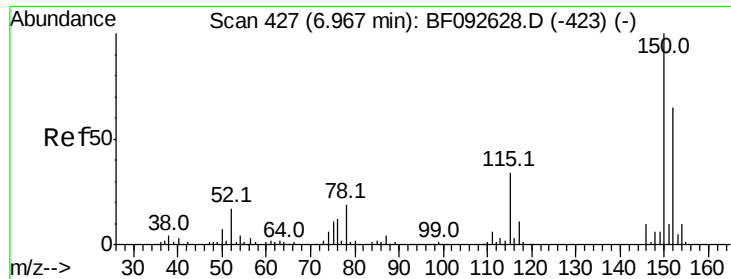
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 179299

Ion Ratio Lower Upper

152 100

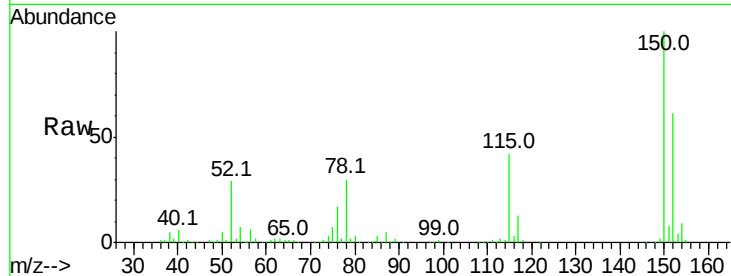
150 164.9 124.9 187.3

115 69.0 46.0 69.0

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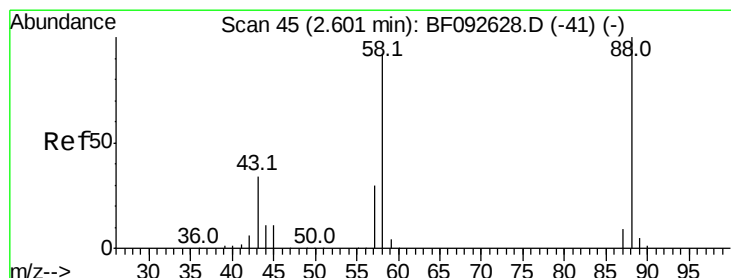
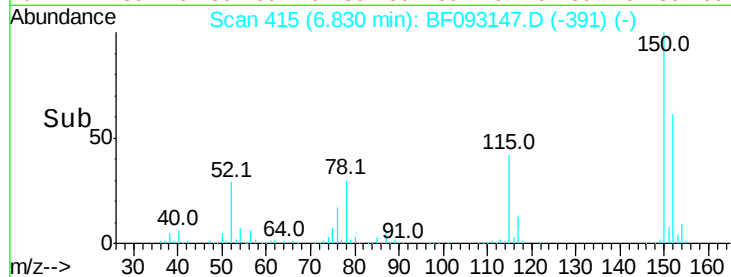
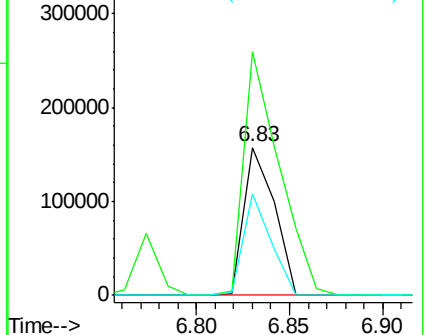
2/27/2017 1:07:26 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.55 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.05 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

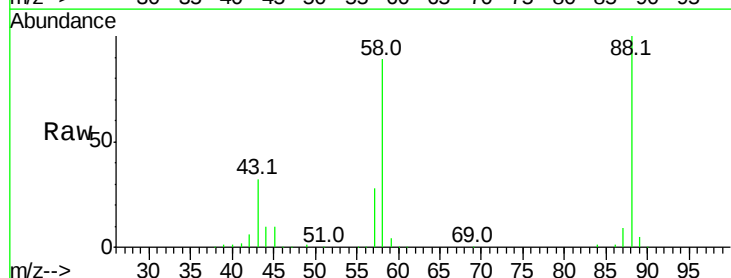
Tgt Ion: 88 Resp: 228976

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

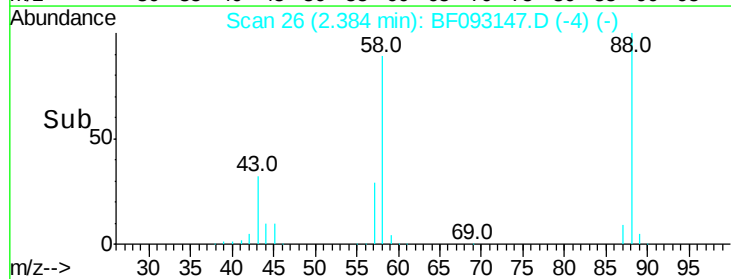
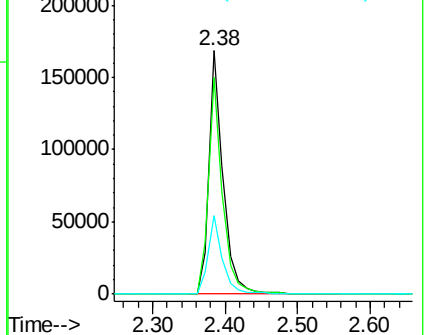
43 33.4 22.3 33.5

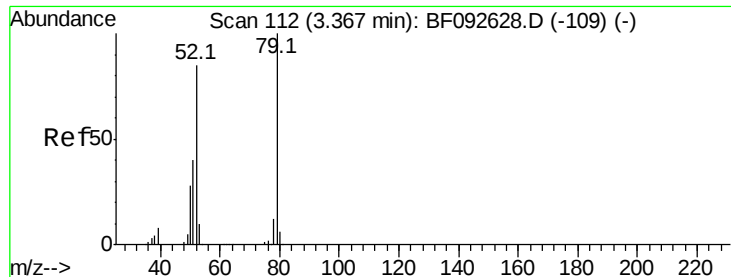


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 47.09 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampled :

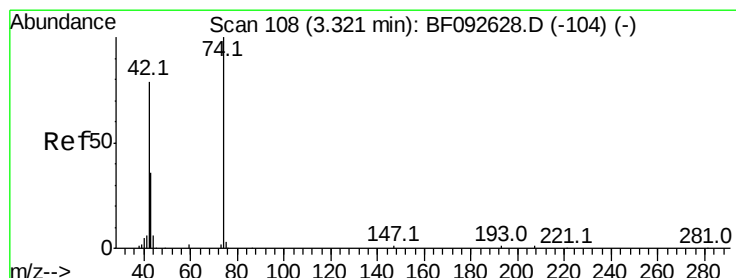
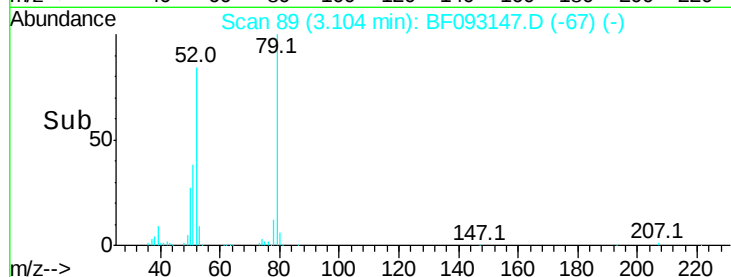
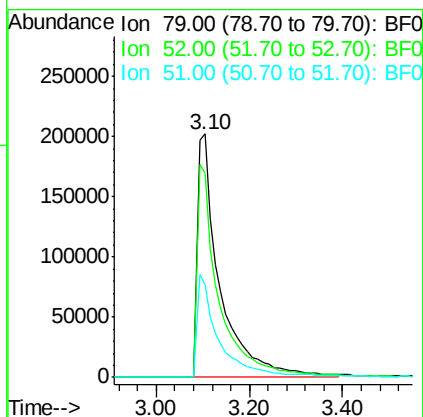
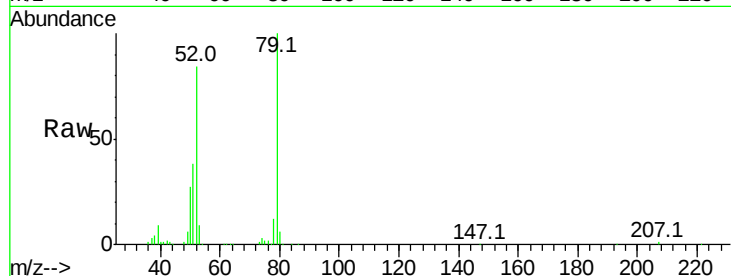
SSTDCCC040

Tot Ion:	79	Resp:	676209
Ion Ratio	Lower	Upper	
79	100		
52	83.8	57.1	85.7
51	37.9	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.06 ng

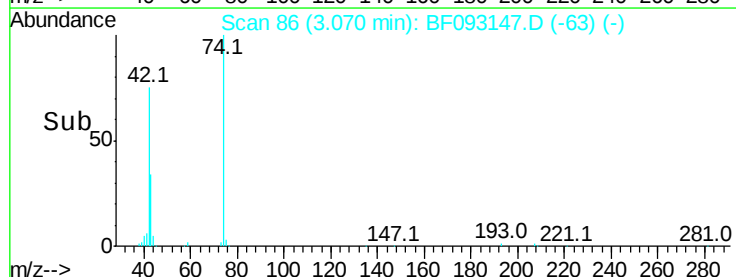
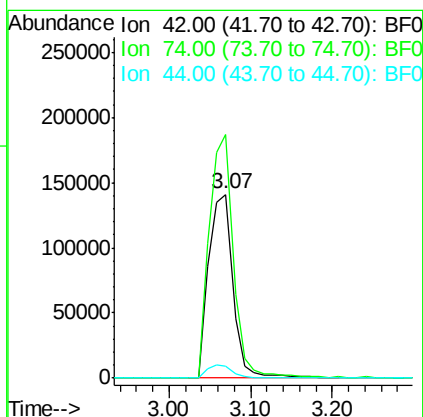
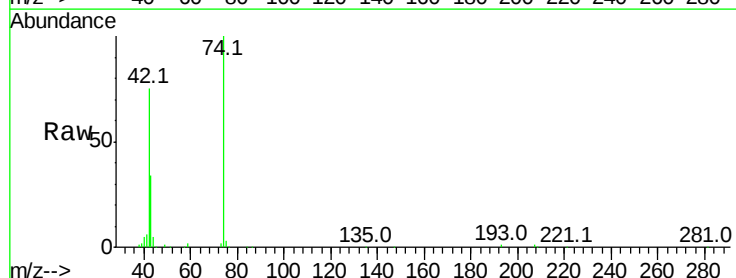
RT: 3.07 min Scan# 86

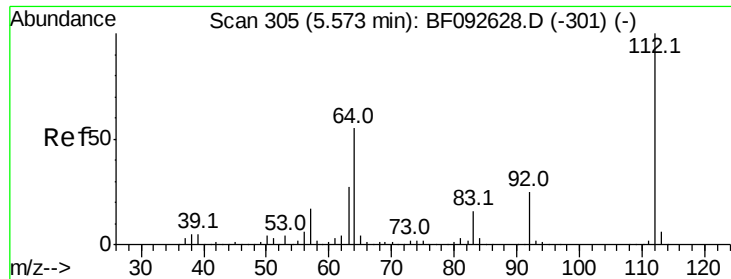
Delta R.T. -0.03 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	42	Resp:	297054
Ion Ratio	Lower	Upper	
42	100		
74	132.5	117.0	175.4
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 88.44 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

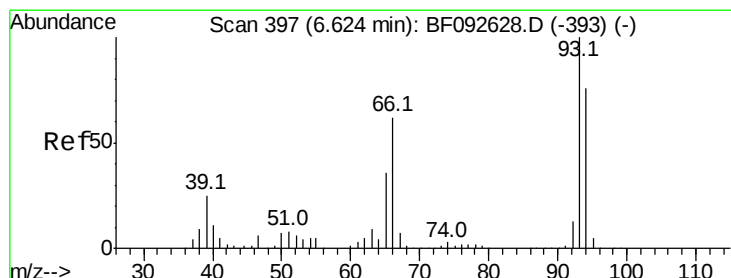
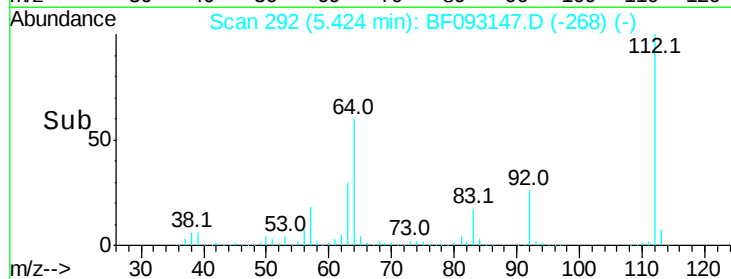
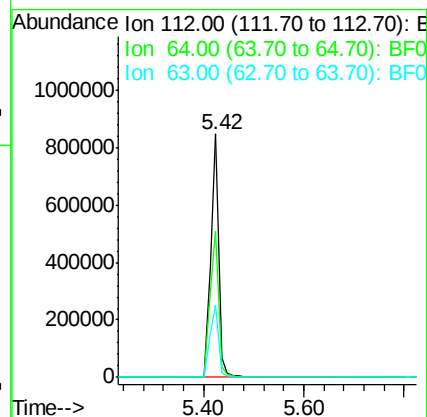
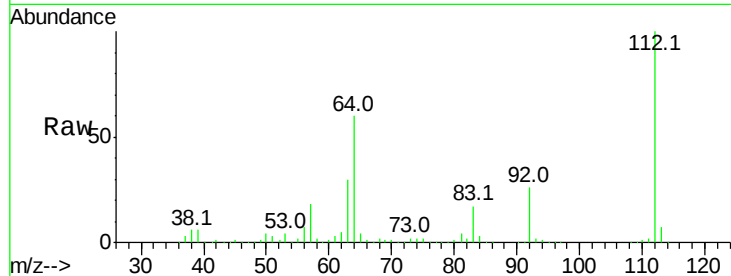
SSTDCCC040

Tot Ion:	112	Resp:	924279
Ion Ratio	Lower	Upper	
112	100		
64	60.3	46.1	69.1
63	29.8	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 43.45 ng

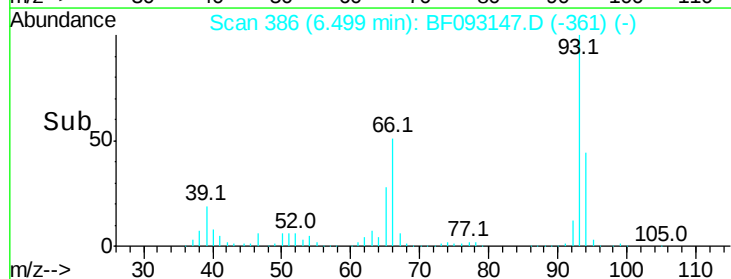
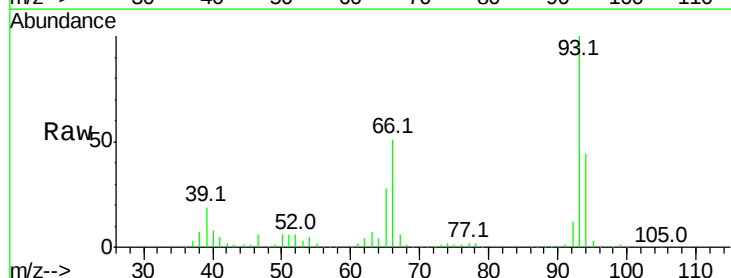
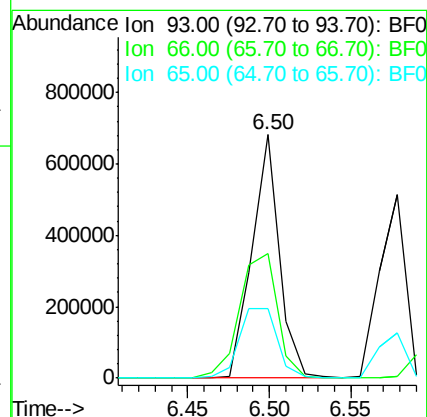
RT: 6.50 min Scan# 386

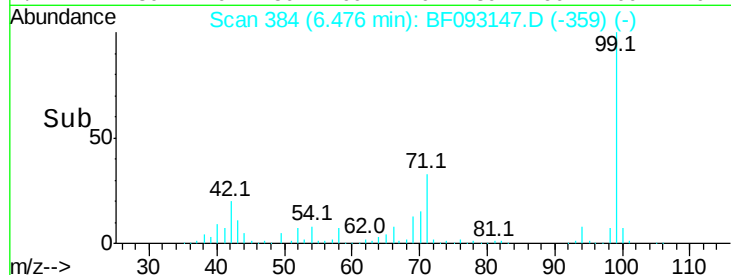
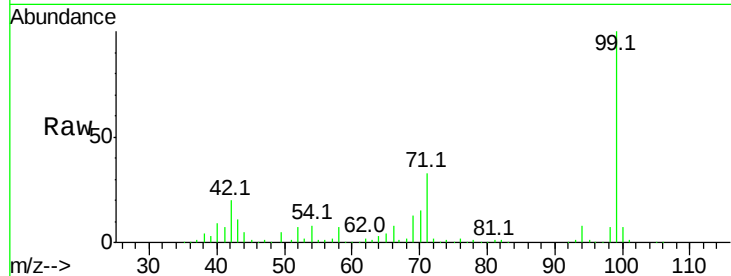
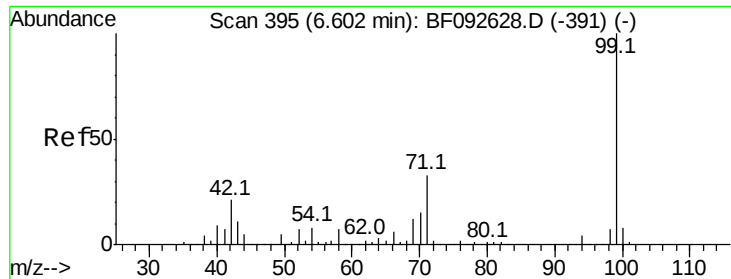
Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	93	Resp:	796922
Ion Ratio	Lower	Upper	
93	100		
66	51.4	76.2	114.2#
65	28.3	49.3	73.9#





#7

Phenol-d6

Concen: 83.78 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tot Ion: 99 Resp: 1126644

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 32.6 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

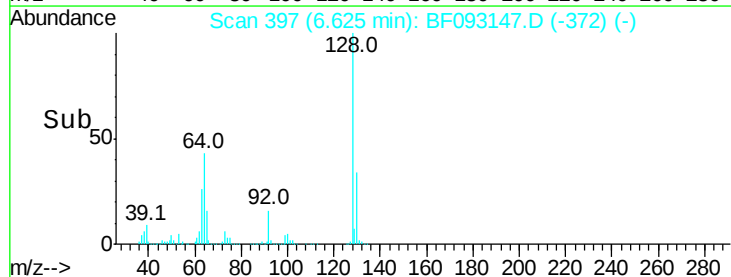
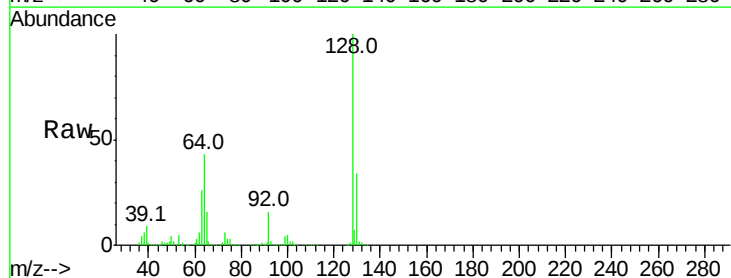
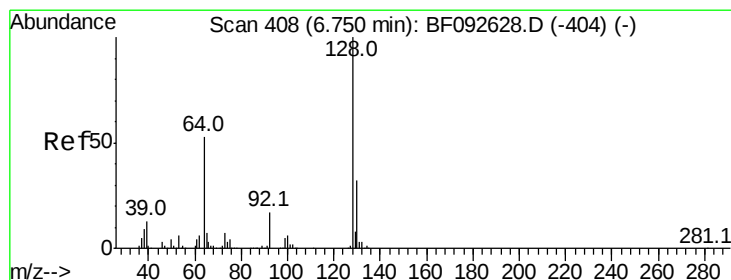
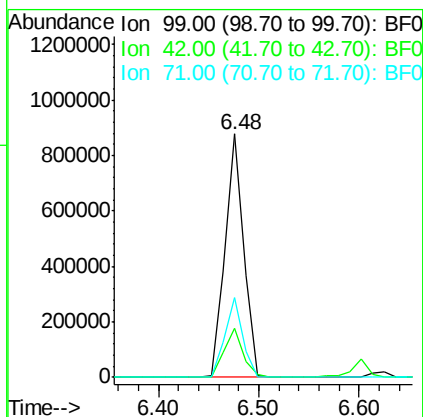
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.07 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

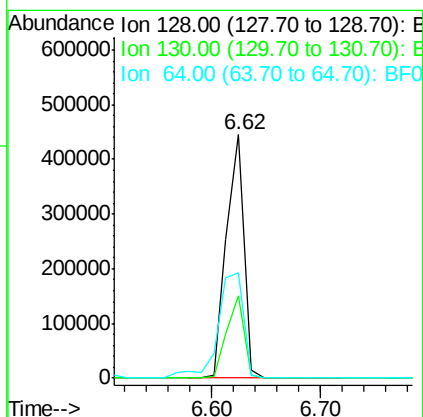
Tgt Ion:128 Resp: 496579

Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 43.5 32.2 72.2





#9

Benzaldehyde

Concen: 36.08 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

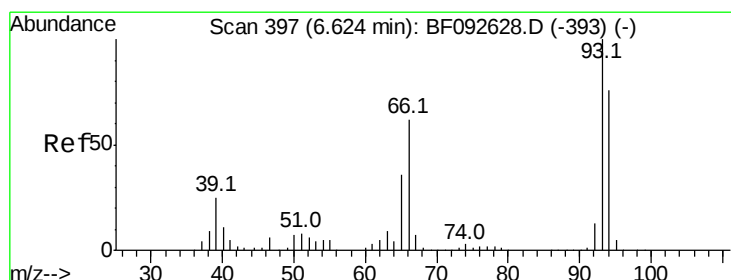
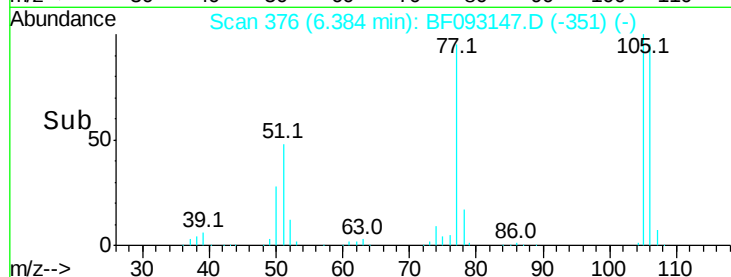
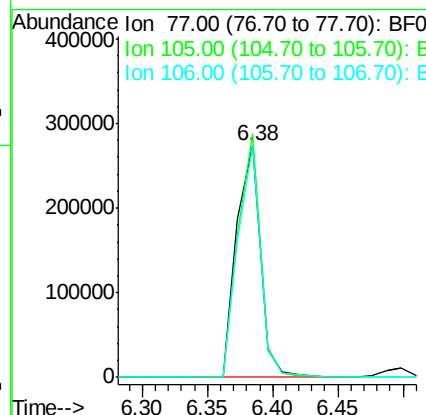
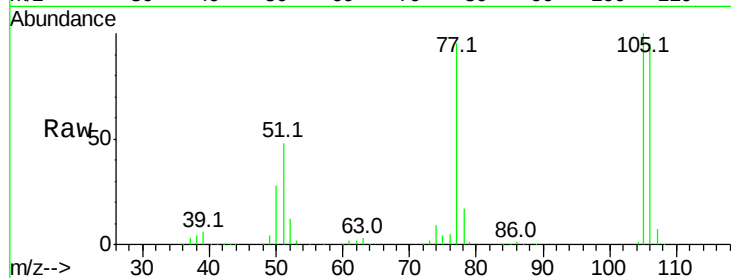
SSTDCCC040

Tot Ion:	77	Resp:	347585
Ion Ratio	Lower	Upper	
77	100		
105	104.9	83.9	123.9
106	99.8	77.6	117.6

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#10

Phenol

Concen: 37.80 ng

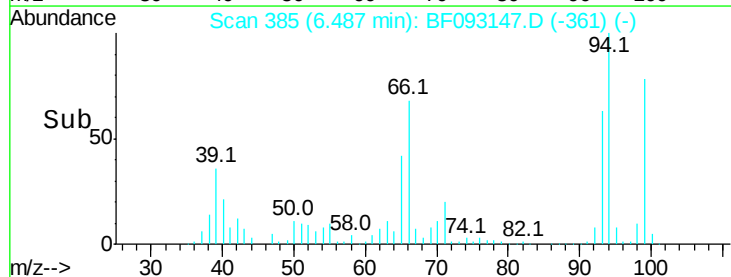
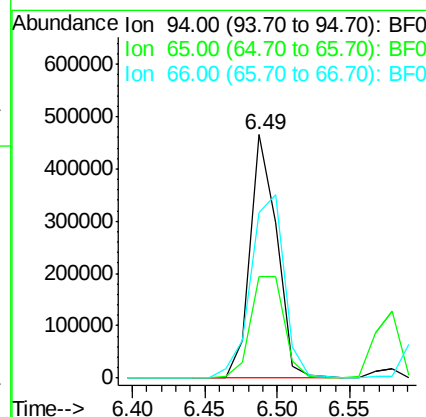
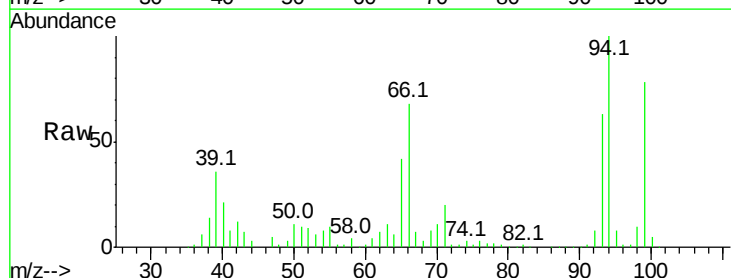
RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	94	Resp:	594652
Ion Ratio	Lower	Upper	
94	100		
65	41.7	21.4	61.4
66	67.8	44.0	84.0





#11
bis(2-Chloroethyl)ether
Concen: 44.62 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

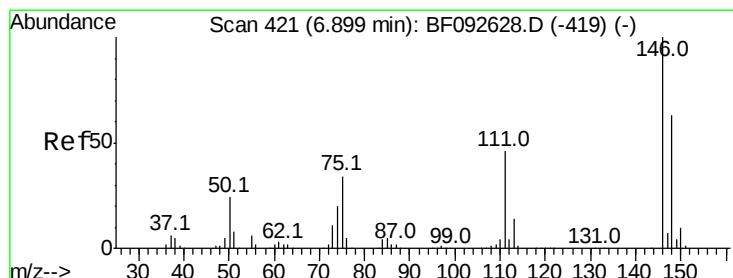
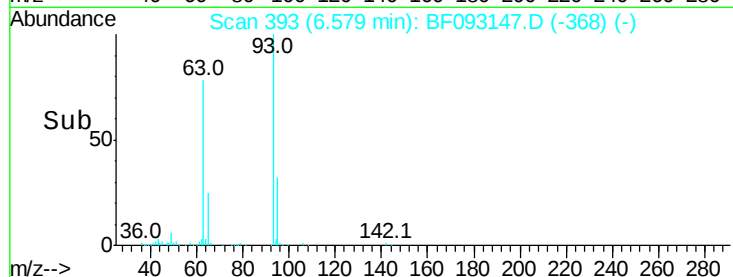
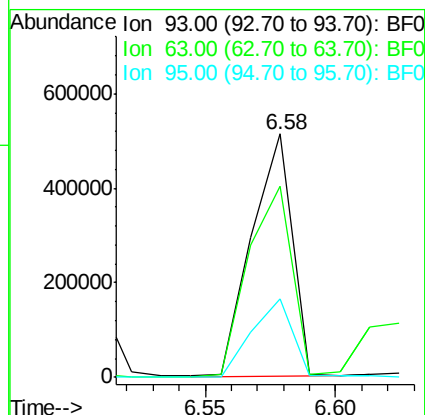
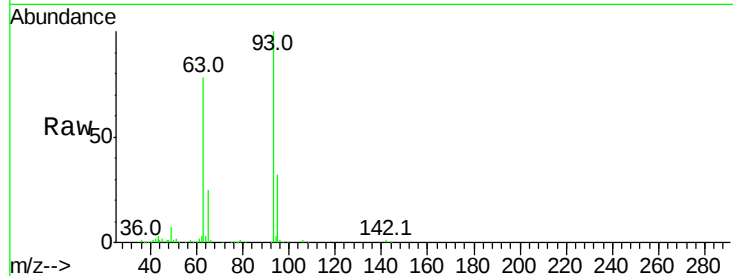
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	560370
Ion Ratio	100	Lower	Upper
93	100		
63	78.3	60.4	100.4
95	32.3	12.8	52.8

Manual Integrations
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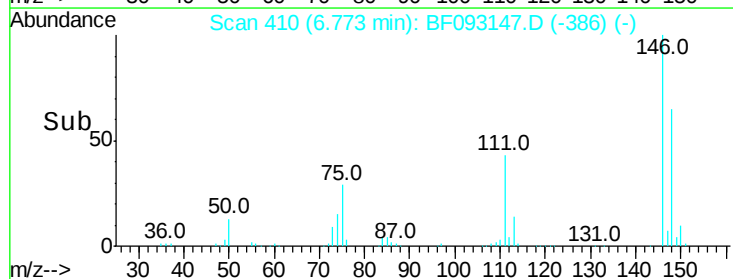
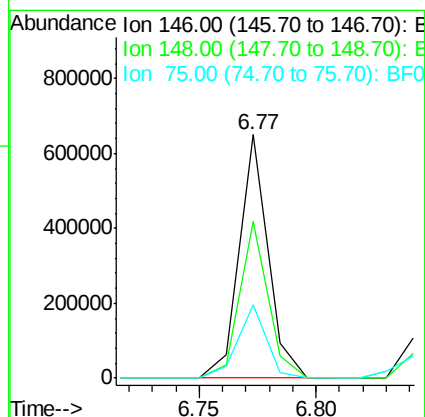
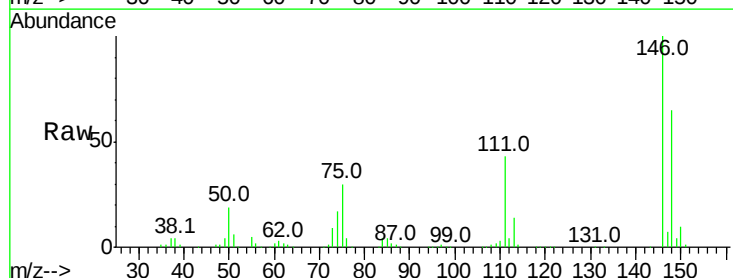
mohammad

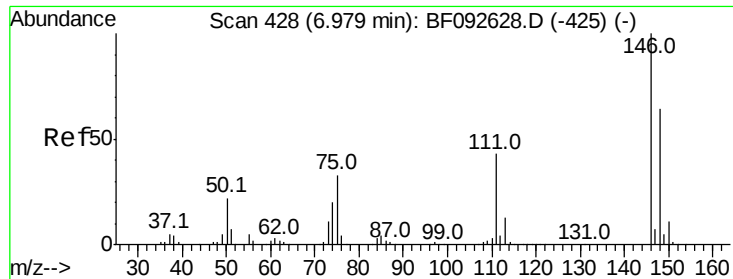
2/27/2017 1:07:26 PM



#12
1,3-Dichlorobenzene
Concen: 41.01 ng m
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	146	Resp	553782
Ion Ratio	100	Lower	Upper
146	100		
148	64.6	53.4	80.0
75	30.3	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.34 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

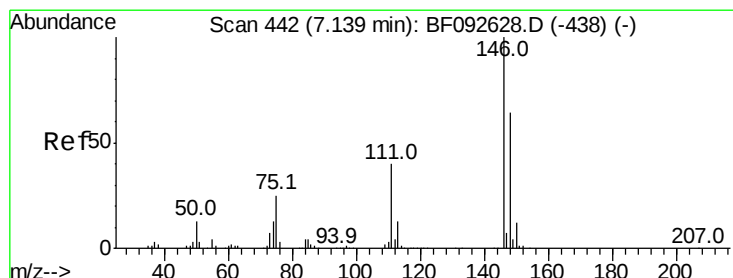
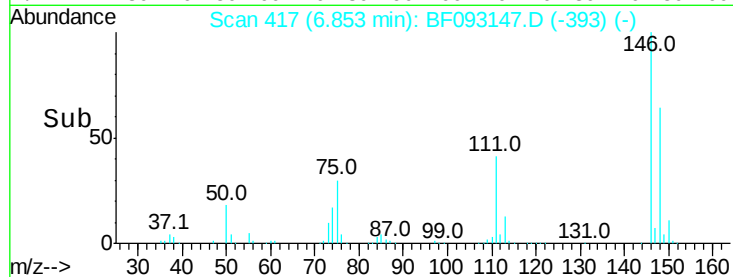
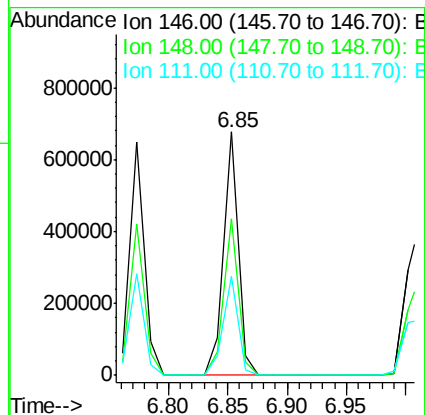
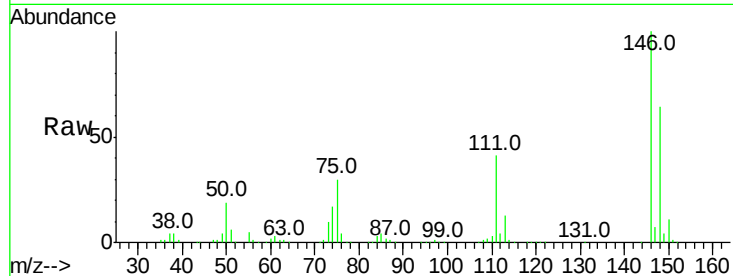
SSTDCCC040

Tot Ion:	146	Resp:	578757
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	76.0
111	40.8	36.2	54.4

Manual Integrations
APPROVED

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2/27/2017 1:07:26 PM



#14

1,2-Dichlorobenzene

Concen: 38.73 ng m

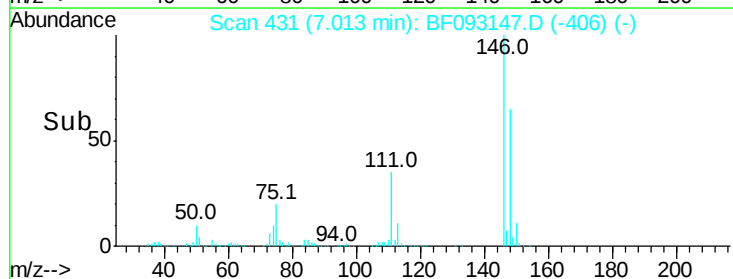
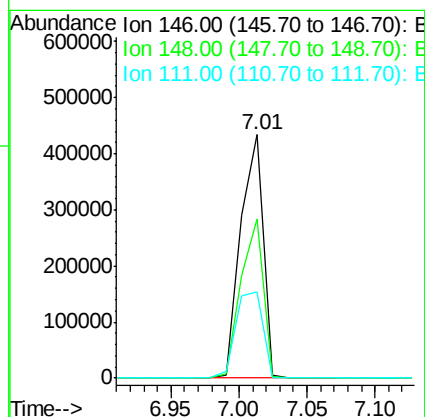
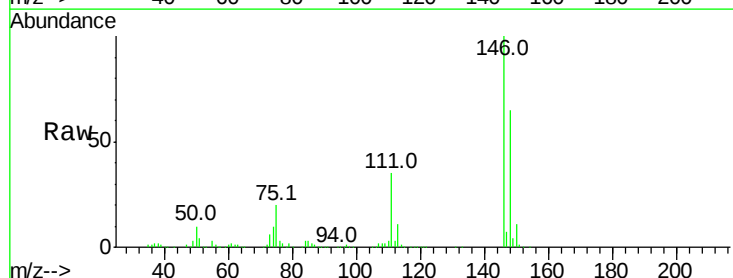
RT: 7.01 min Scan# 431

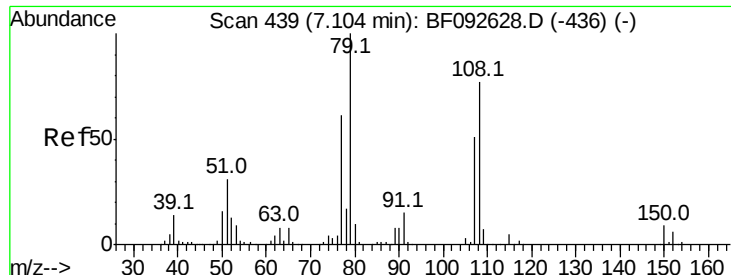
Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	146	Resp:	506219
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	35.4	36.2	54.2#





#15
Benzyl Alcohol
Concen: 40.77 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

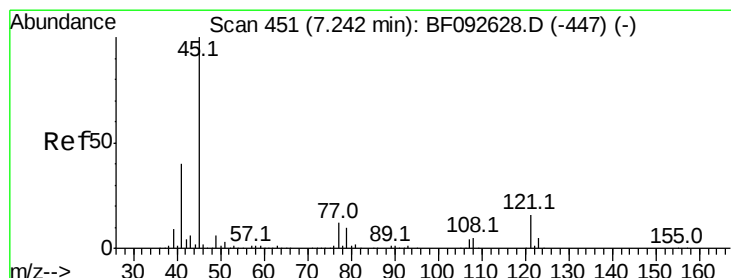
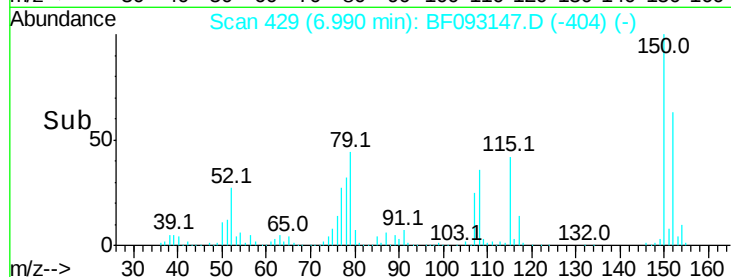
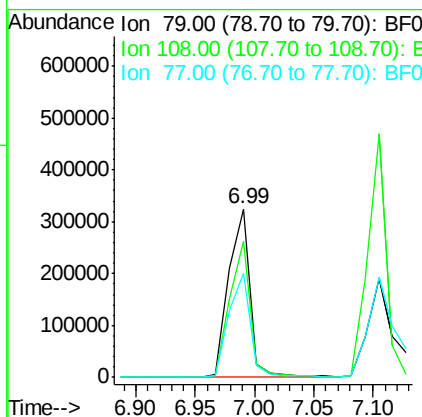
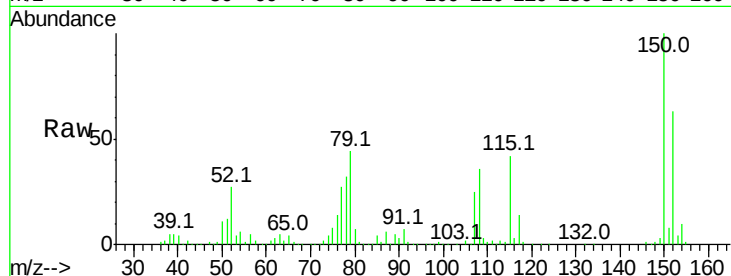
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	61.4	92.0
77	61.8	50.9	76.3

Manual Integrations
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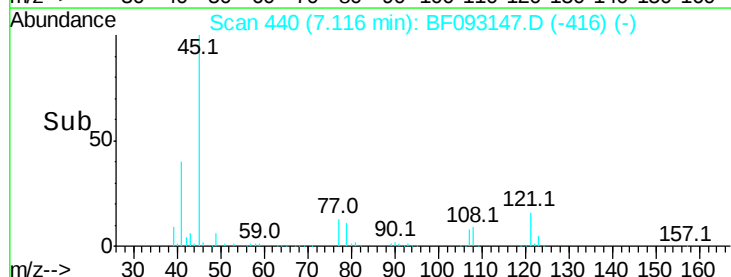
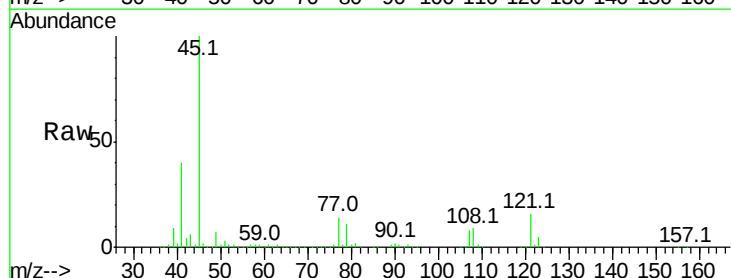
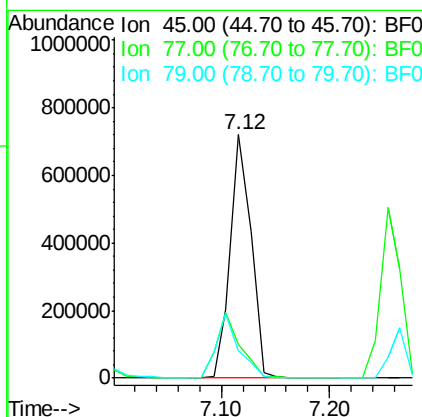
mohammad

2/27/2017 1:07:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.56 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	34.6
79	11.1	0.0	31.2





#17

2-Methylphenol

Concen: 44.48 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

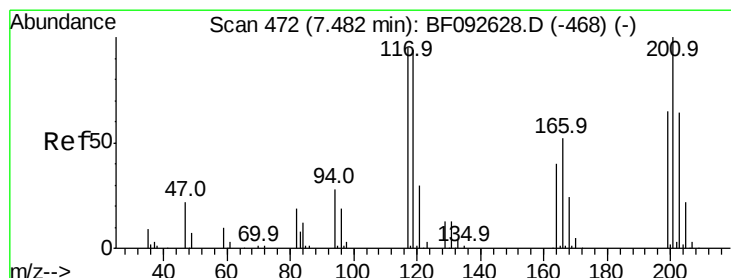
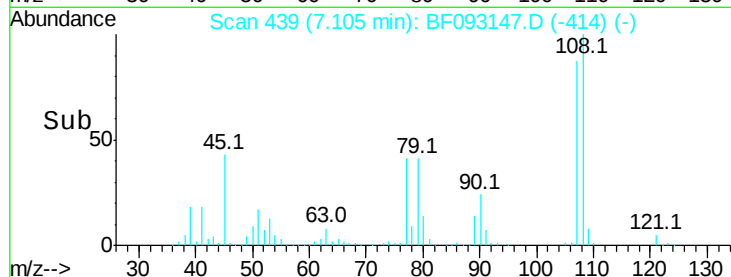
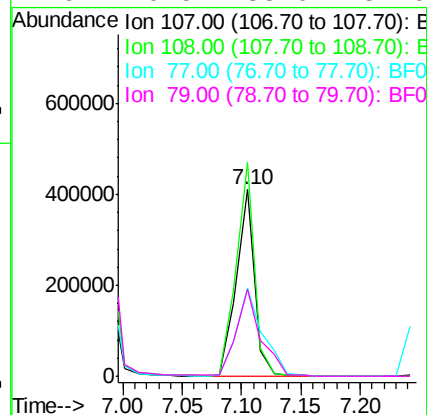
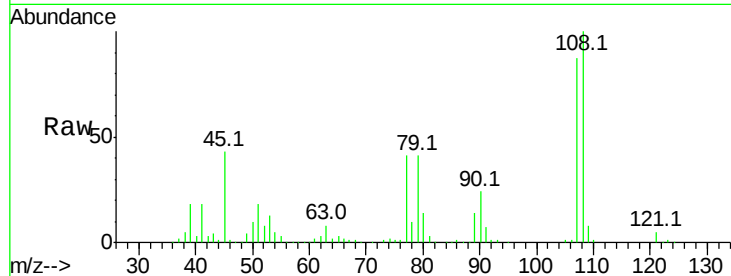
SSTDCCC040

Tot Ion:	107	Resp:	439999
Ion Ratio	Lower	Upper	
107	100		
108	114.4	93.0	139.6
77	47.4	39.8	59.8
79	46.5	38.0	57.0

Manual Integrations
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2/27/2017 1:07:26 PM



#18

Hexachloroethane

Concen: 41.29 ng

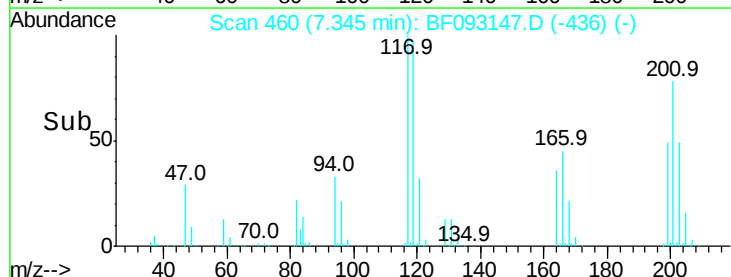
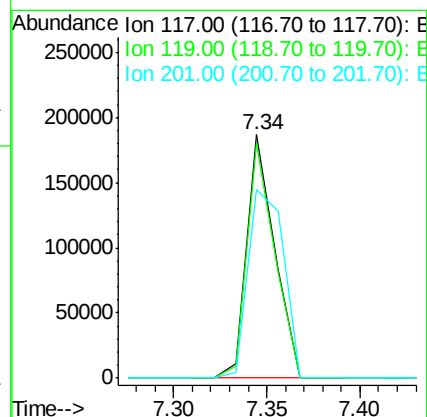
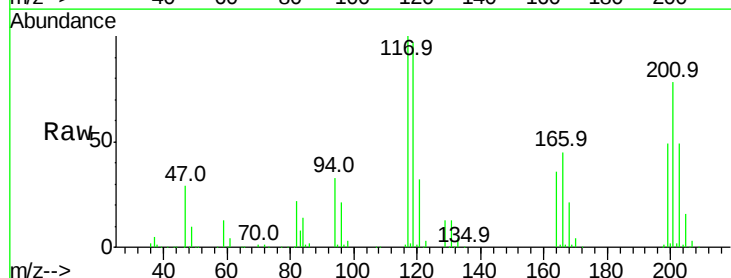
RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	117	Resp:	192659
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.1	117.1
201	77.7	78.6	117.8#





#19
n-Nitroso-di-n-propylamine
Concen: 43.70 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

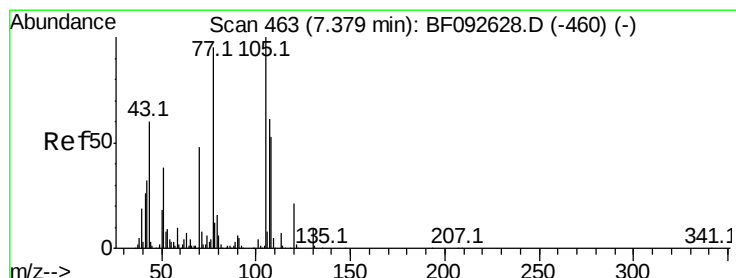
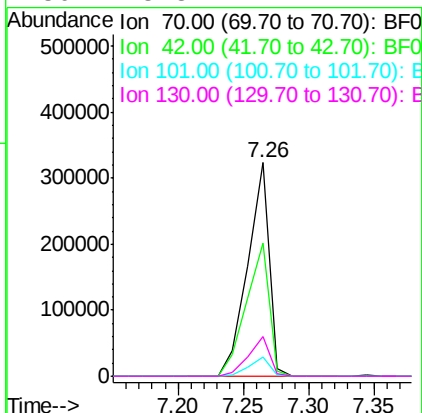
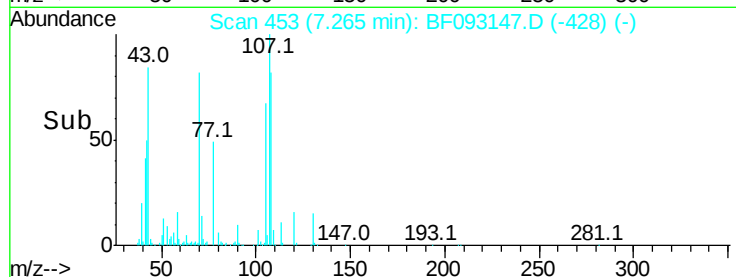
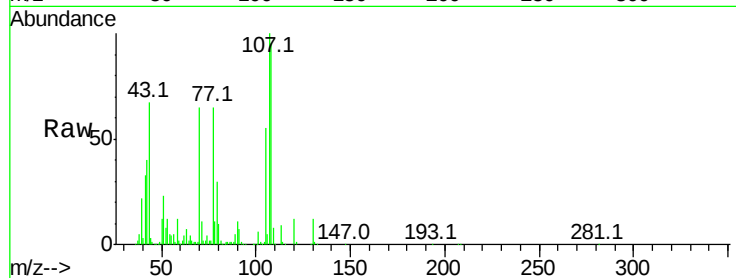
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.4	74.0
101	9.1	7.4	11.2
130	18.8	14.2	21.4

Manual Integrations
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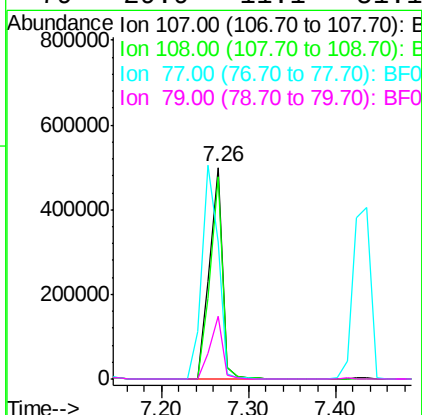
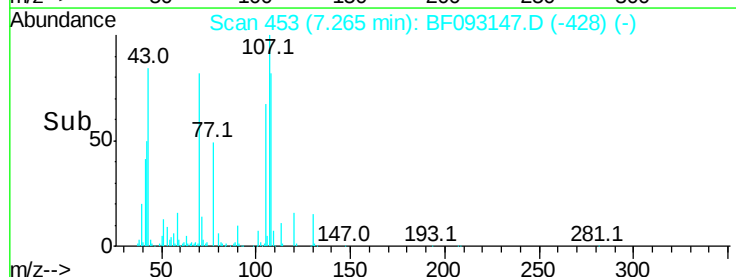
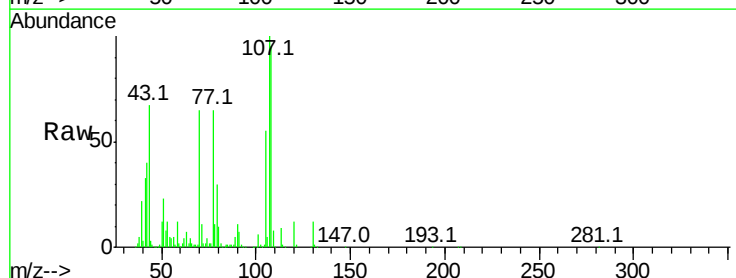
mohammad

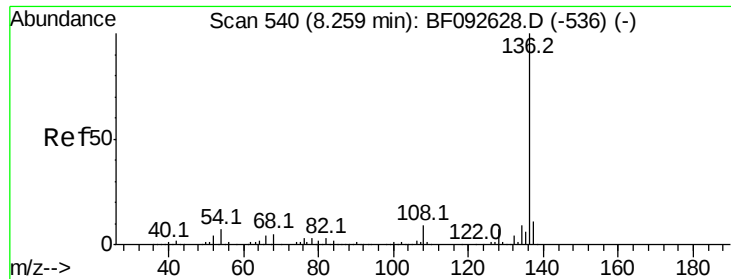
2/27/2017 1:07:26 PM



#20
3+4-Methylphenols
Concen: 45.21 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	73.0	113.0
77	64.6	71.3	111.3#
79	29.9	11.1	51.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

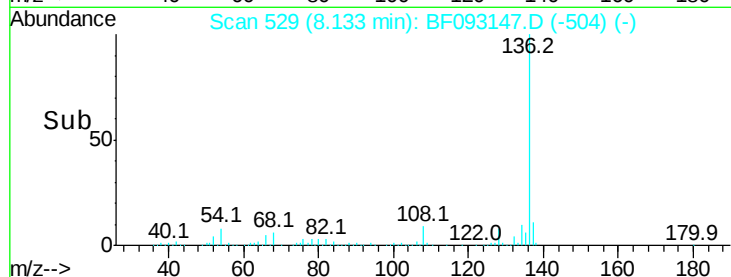
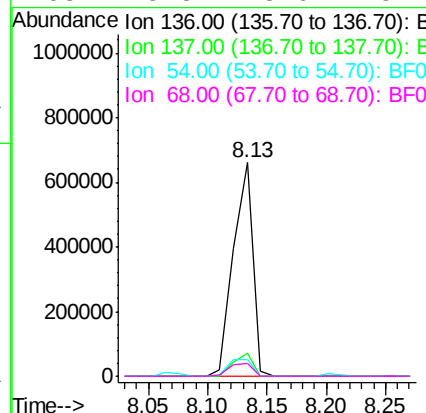
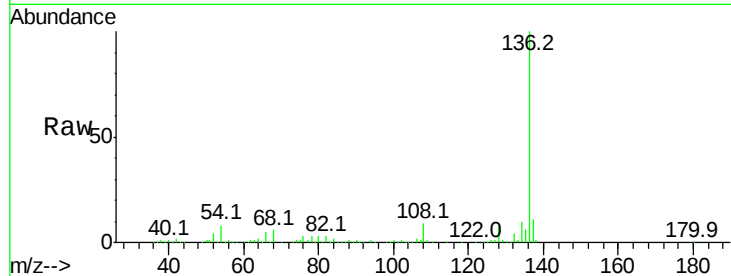
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.4	12.6	
54	7.8	4.5	6.7#	
68	5.8	3.6	5.4#	

Manual Integrations
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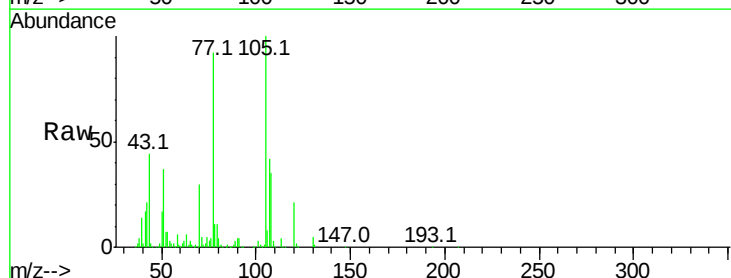
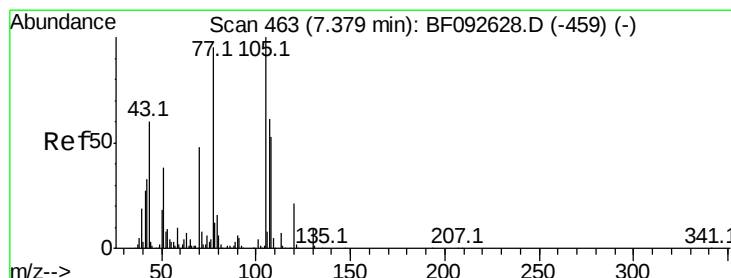
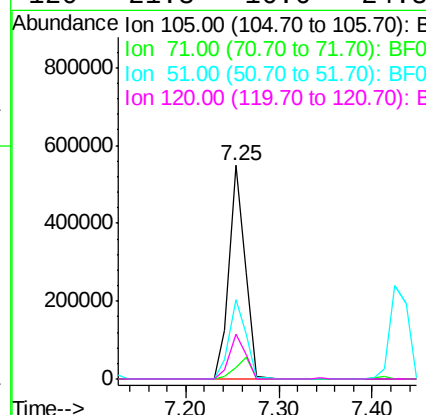
mohammad

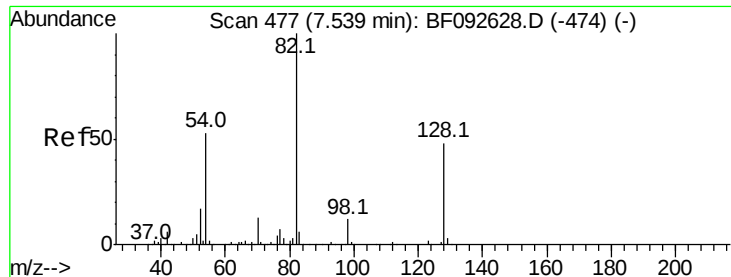
2/27/2017 1:07:26 PM



#22
Acetophenone
Concen: 38.53 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	3.2	4.8#	
51	37.5	26.2	39.4	
120	21.3	16.6	24.8	





#23
Nitrobenzene-d5
Concen: 78.87 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

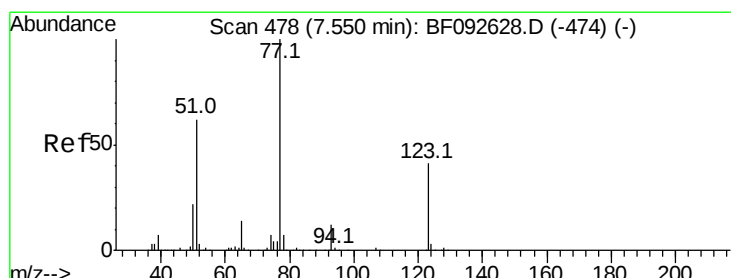
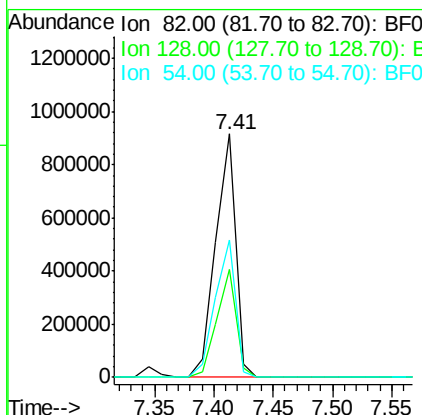
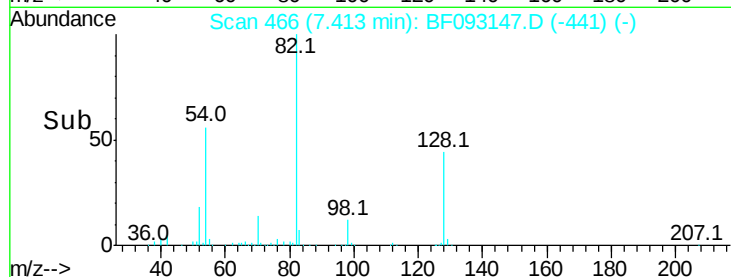
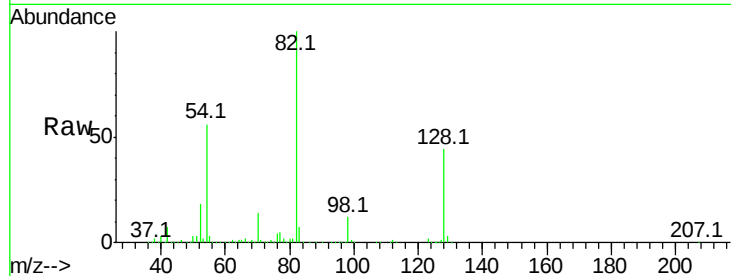
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1060193
Ion Ratio Lower Upper
82 100
128 44.4 34.6 52.0
54 56.3 39.5 59.3

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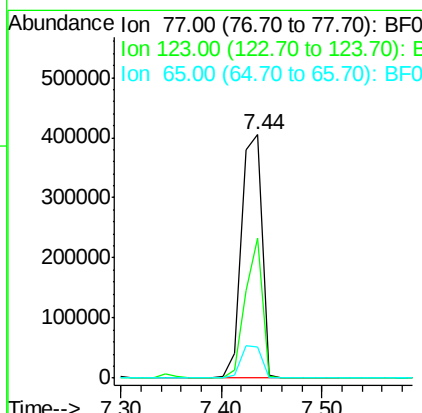
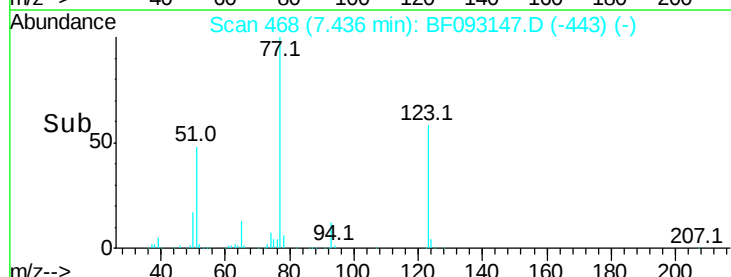
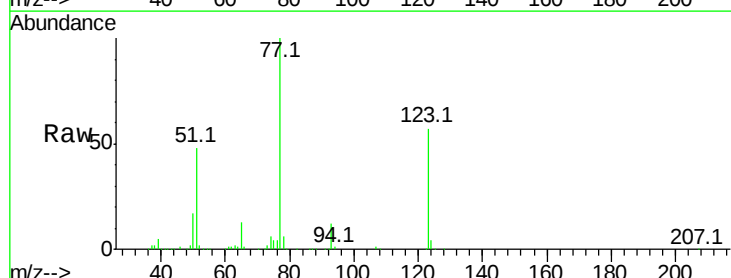
mohammad

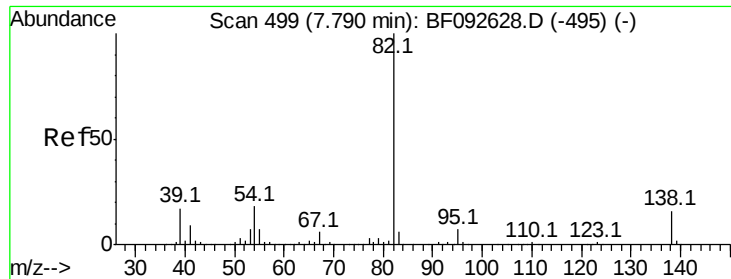
2/27/2017 1:07:26 PM



#24
Nitrobenzene
Concen: 41.38 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion: 77 Resp: 571125
Ion Ratio Lower Upper
77 100
123 57.4 33.0 49.4#
65 12.6 11.2 16.8





#25

Isophorone

Concen: 43.10 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1079591

Ion Ratio Lower Upper

82 100

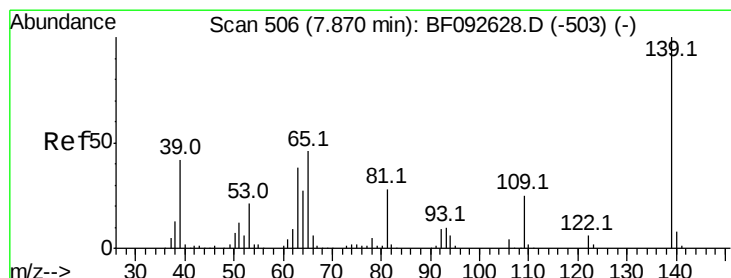
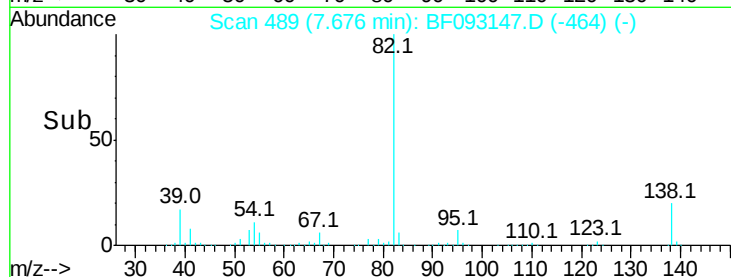
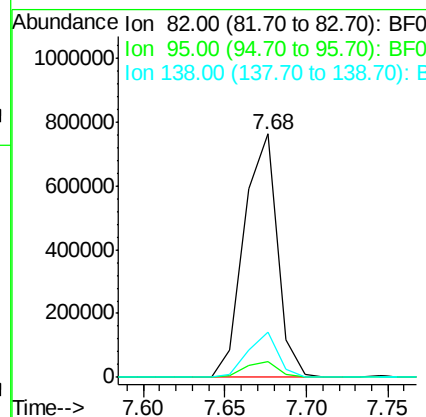
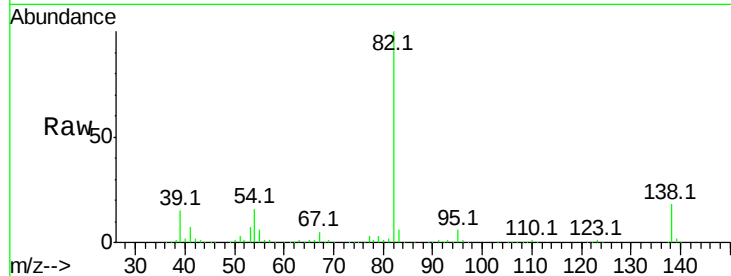
95 6.5 5.6 8.4

138 18.4 14.6 22.0

Manual Integrations
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2/27/2017 1:07:26 PM



#26

2-Nitrophenol

Concen: 40.99 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

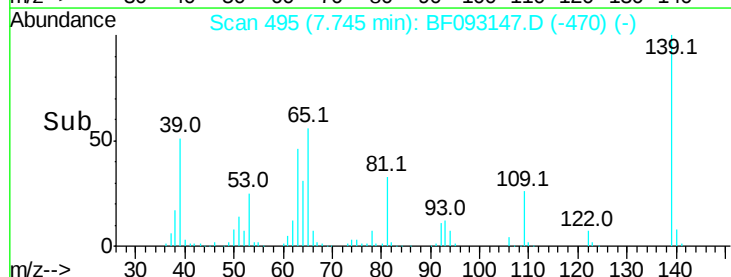
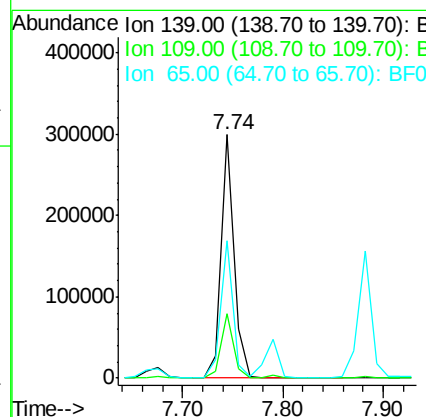
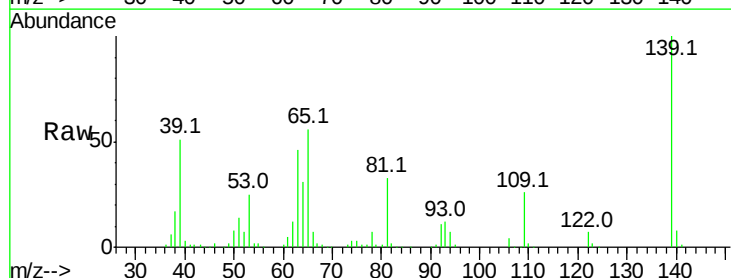
Tgt Ion: 139 Resp: 268908

Ion Ratio Lower Upper

139 100

109 26.3 23.3 34.9

65 56.3 42.7 64.1





#27
2,4-Dimethylphenol
Concen: 40.59 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

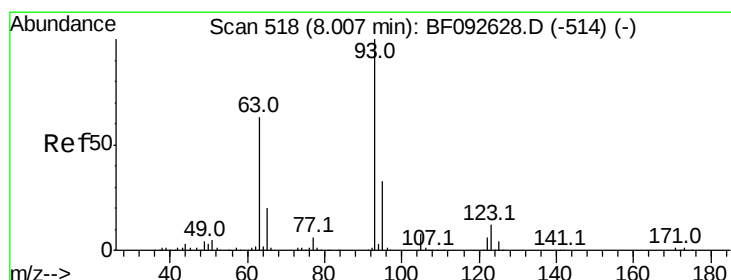
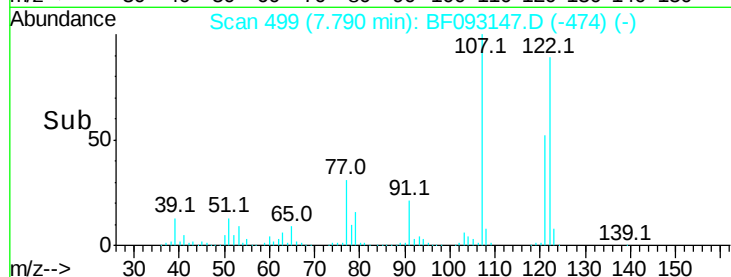
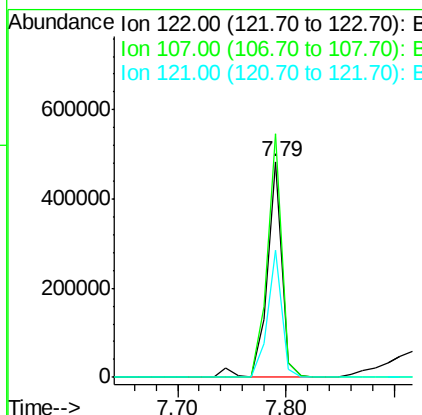
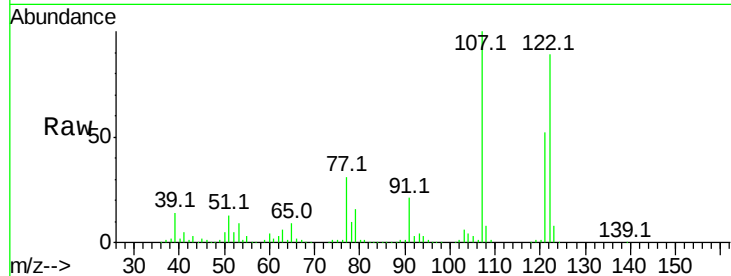
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	94.1	141.1
121	58.7	46.0	69.0

Manual Integrations
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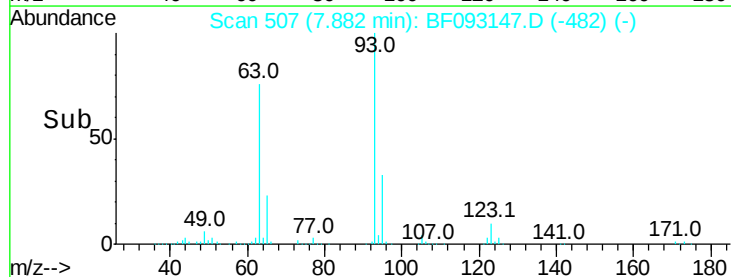
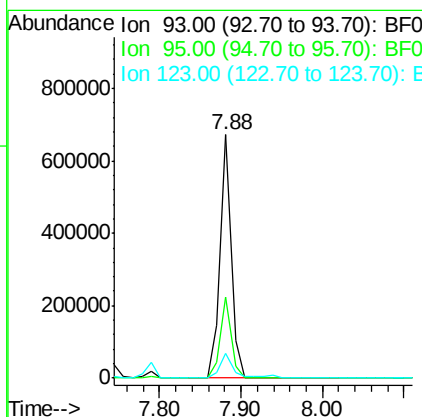
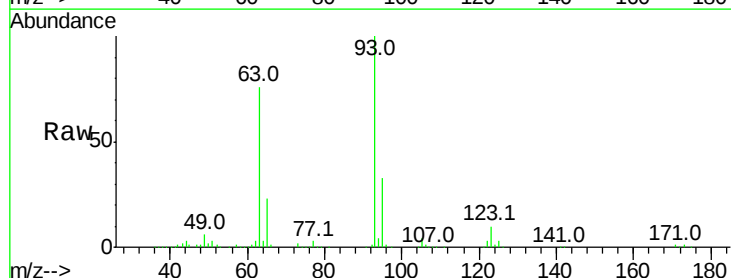
mohammad

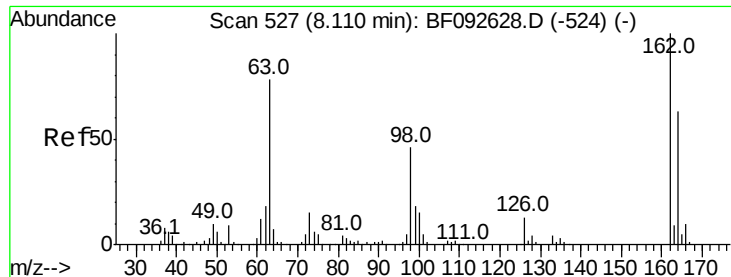
2/27/2017 1:07:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.61 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	10.1	8.6	13.0





#29
 2,4-Dichlorophenol
 Concen: 40.76 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

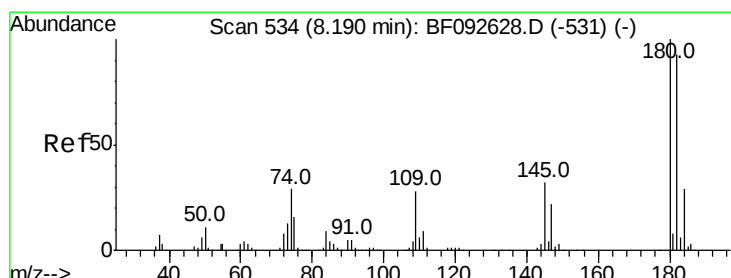
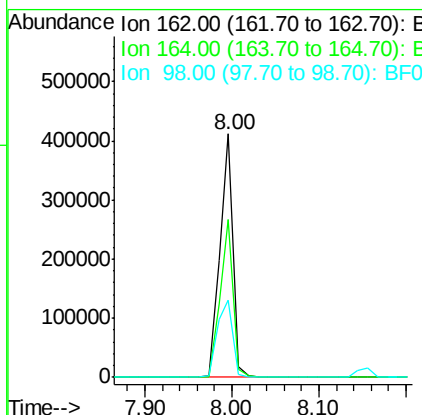
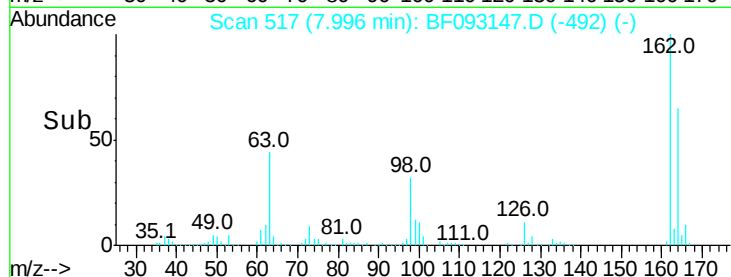
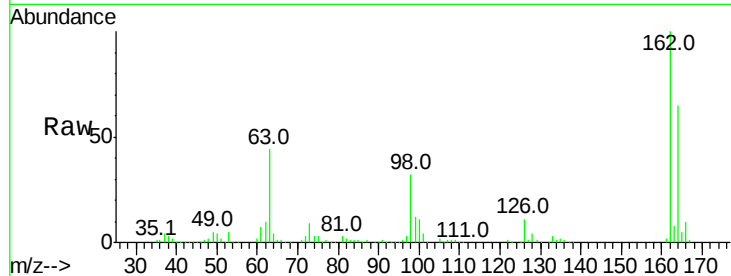
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	162	Resp:	438017
Ion Ratio	Lower	Upper	
162	100		
164	64.6	46.8	86.8
98	31.8	9.1	49.1

Manual Integrations
 APPROVED

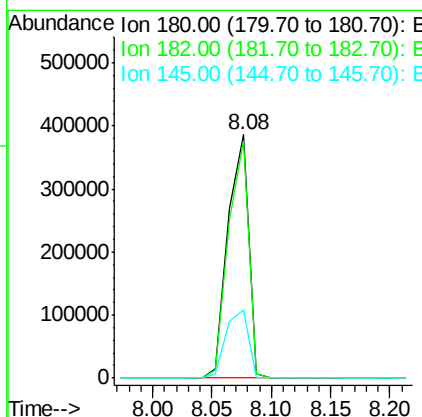
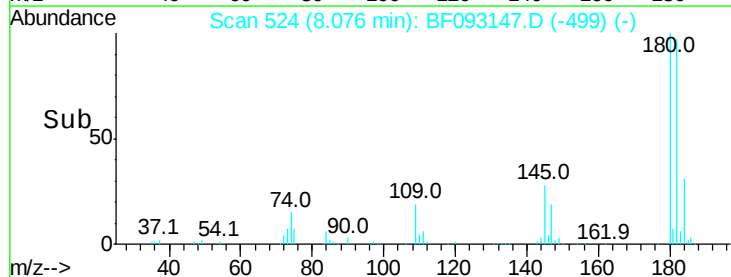
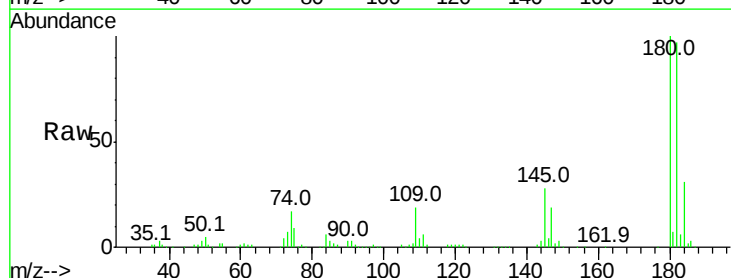
mohammad

2/27/2017 1:07:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.07 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion:	180	Resp:	464016
Ion Ratio	Lower	Upper	
180	100		
182	97.3	78.2	117.4
145	27.9	21.6	32.4





#31
Naphthalene
Concen: 39.79 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

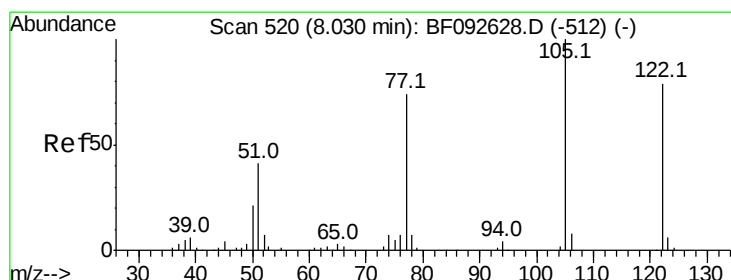
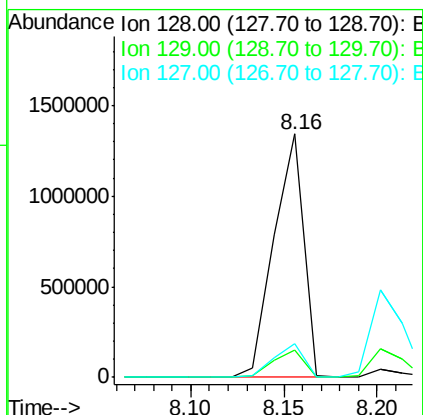
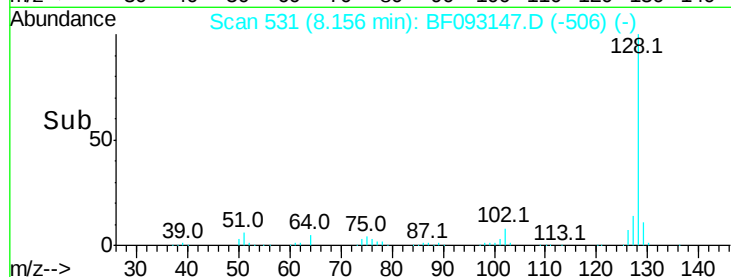
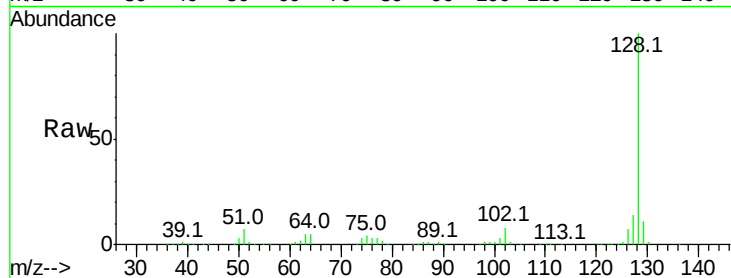
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1509662
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.7 10.8 16.2

Manual Integrations
APPROVED

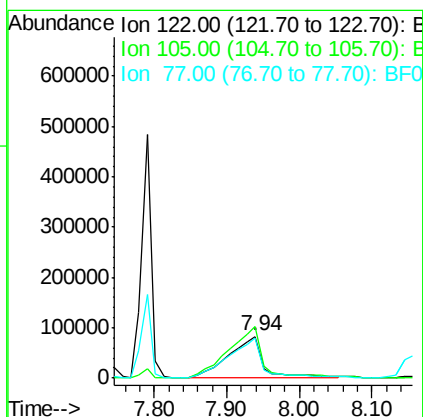
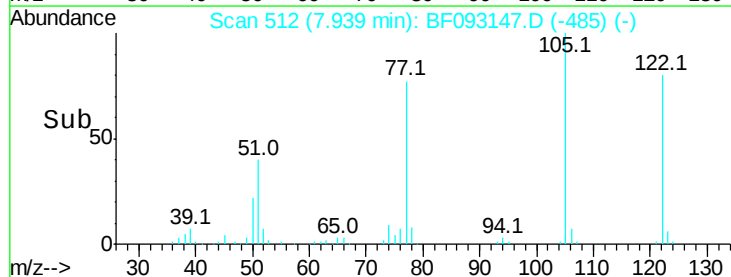
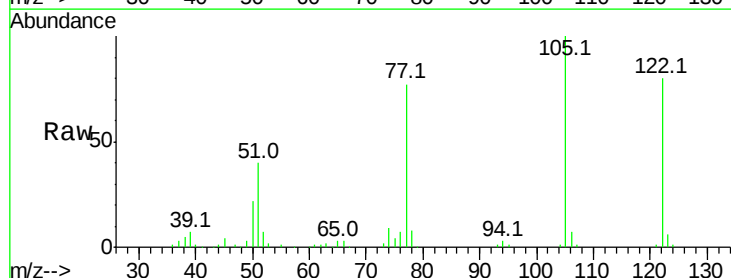
mohammad

2/27/2017 1:07:26 PM



#32
Benzoic acid
Concen: 41.49 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion:122 Resp: 263442
Ion Ratio Lower Upper
122 100
105 124.9 107.2 147.2
77 96.0 74.5 114.5





#33
4-Chloroaniline
Concen: 38.90 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

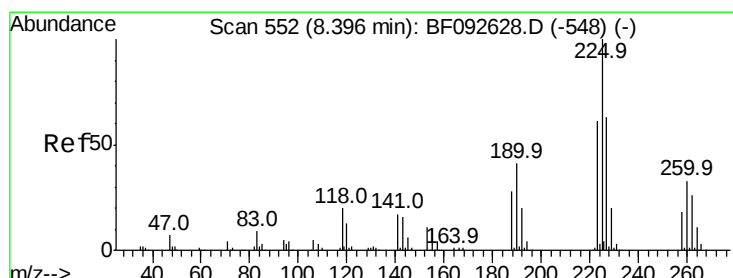
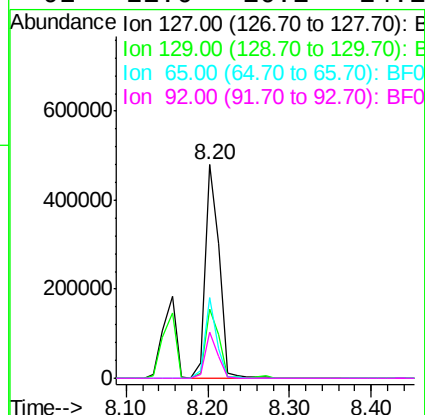
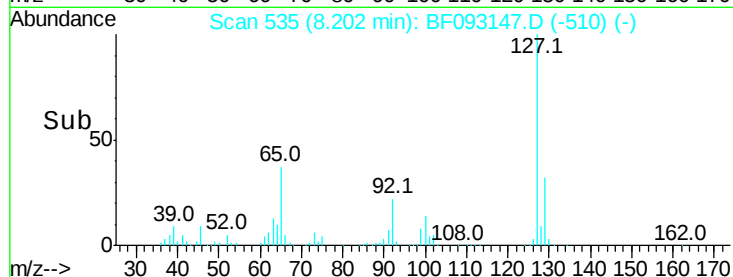
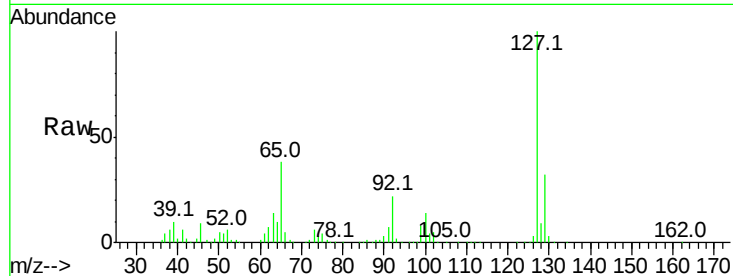
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	37.5	25.8	38.8
92	21.6	16.1	24.1

Manual Integrations
APPROVED

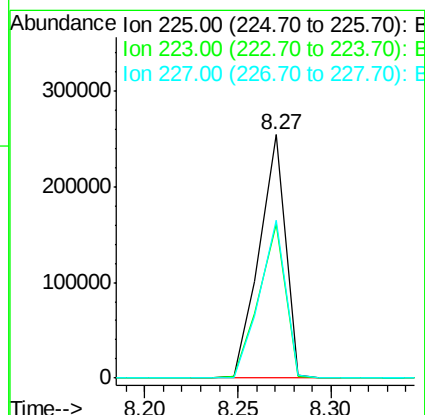
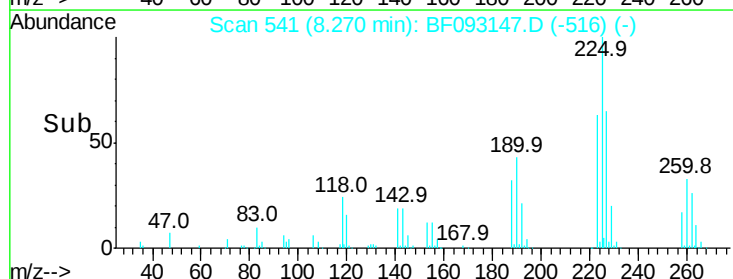
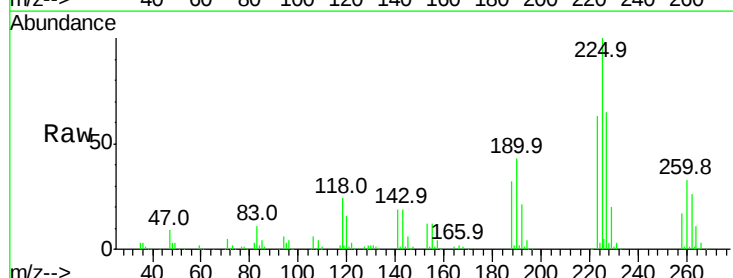
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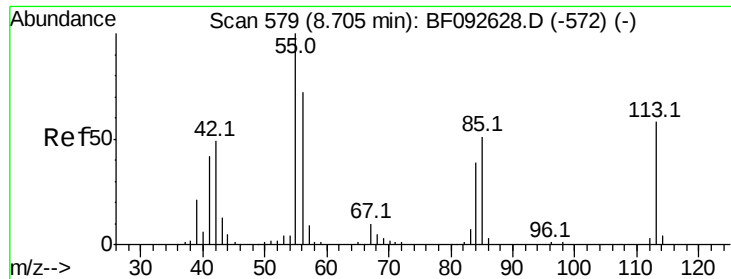
2/27/2017 1:07:26 PM



#34
Hexachlorobutadiene
Concen: 38.83 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	64.7	50.6	76.0





#35
 Caprolactam
 Concen: 42.49 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

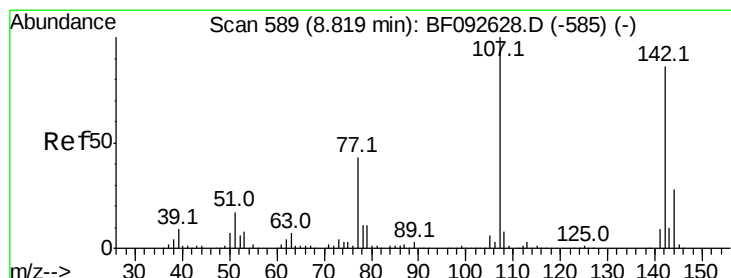
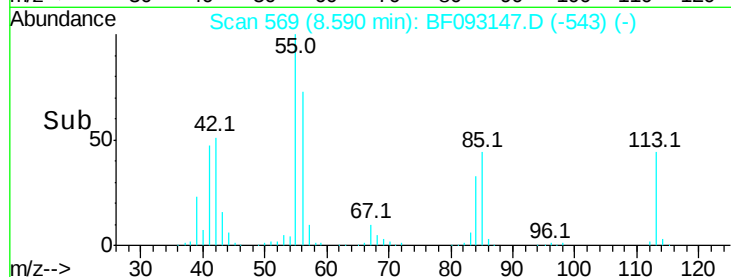
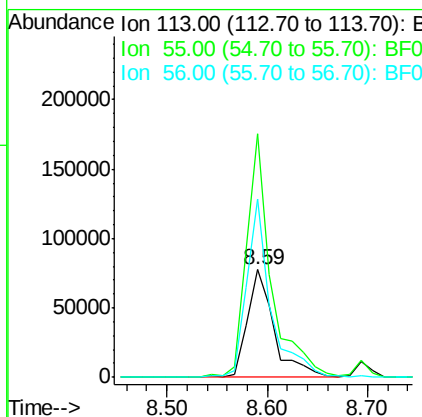
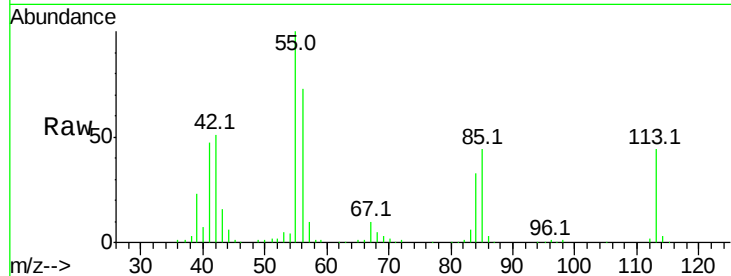
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 143632
 Ion Ratio Lower Upper
 113 100
 55 226.7 119.2 159.2#
 56 165.7 83.8 123.8#

Manual Integrations
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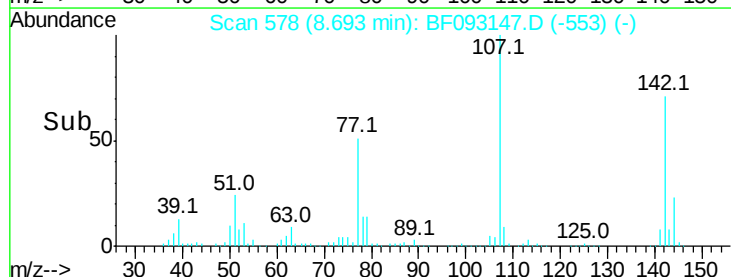
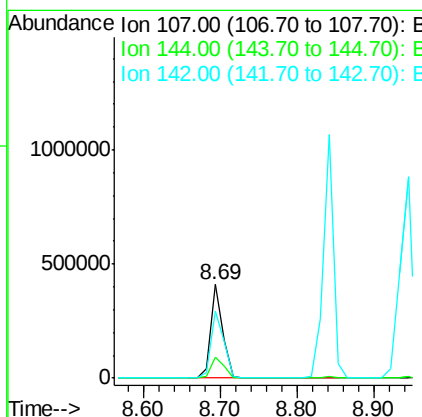
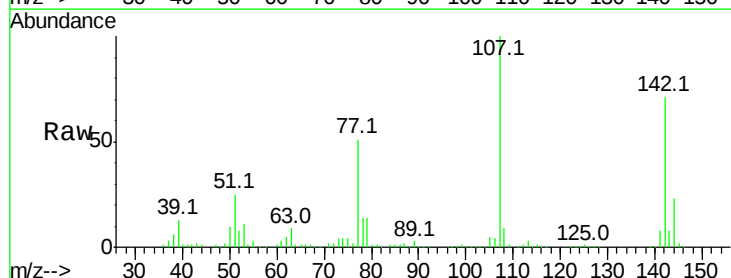
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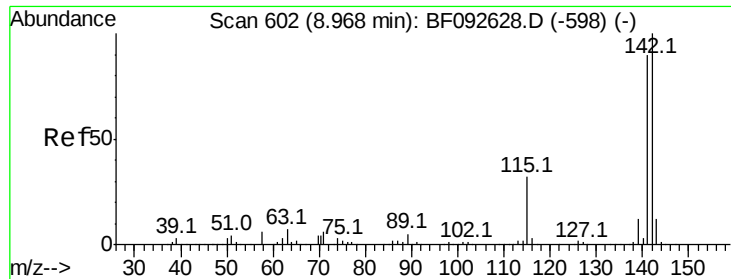
2/27/2017 1:07:26 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.84 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion:107 Resp: 435181
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 71.5 59.0 88.6





#37
2-Methylnaphthalene
Concen: 39.42 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

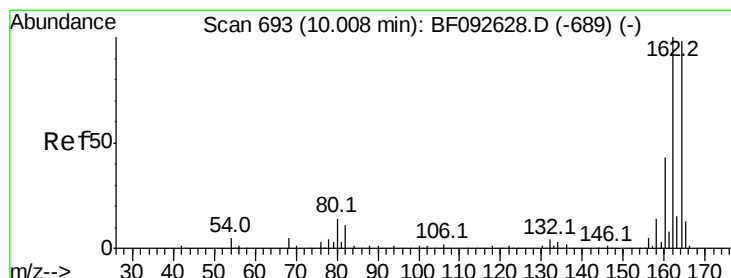
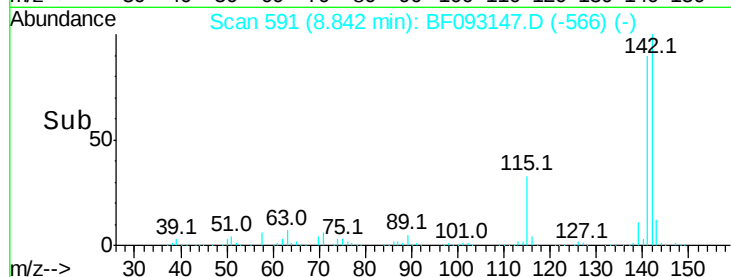
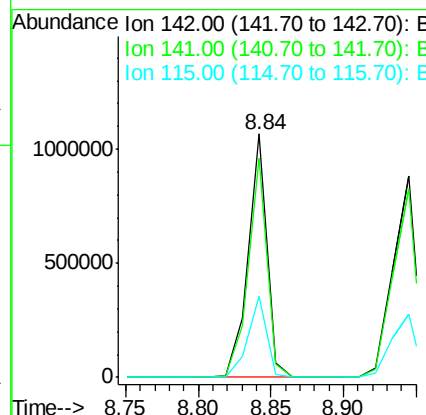
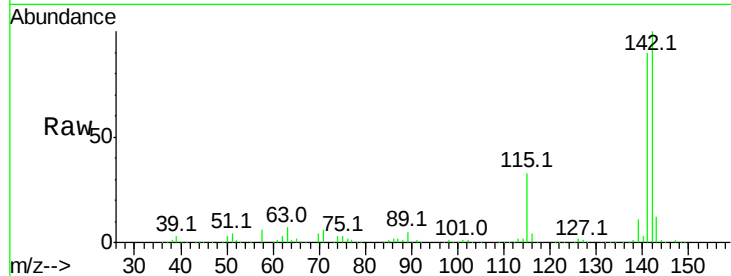
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	33.1	28.3	42.5

Manual Integrations
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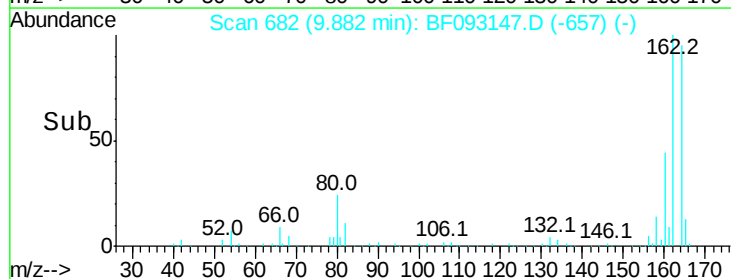
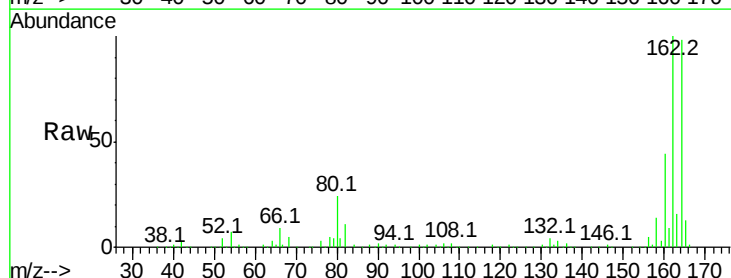
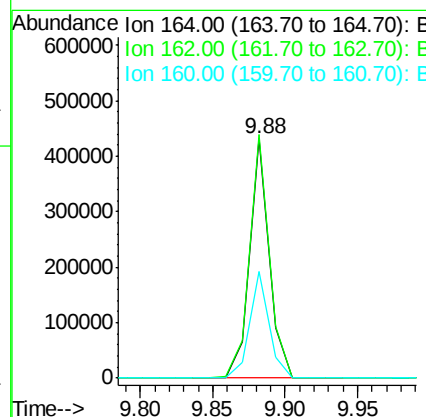
mohammad

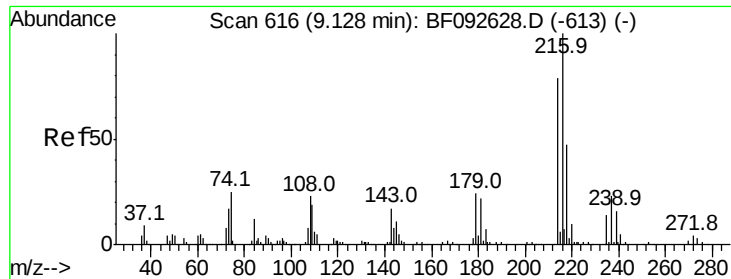
2/27/2017 1:07:26 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.4	36.9	55.3





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.21 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

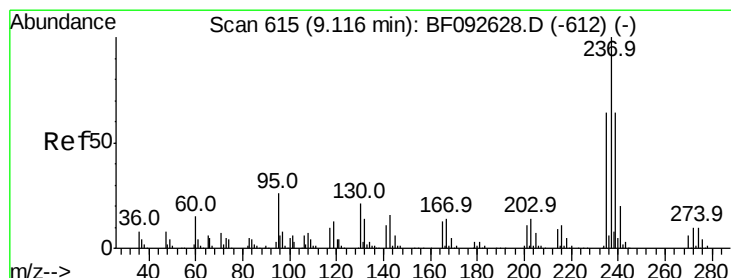
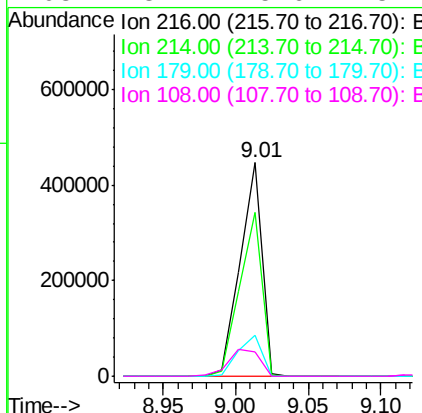
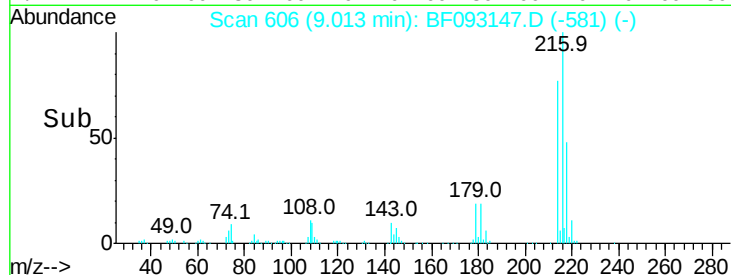
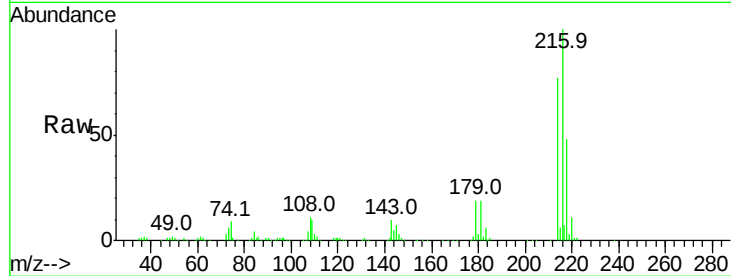
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	468934		
214	78.3	63.4	95.0	
179	20.8	17.4	26.2	
108	18.2	15.6	23.4	

Manual Integrations
 APPROVED

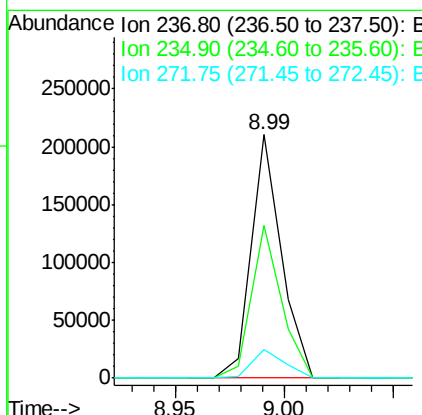
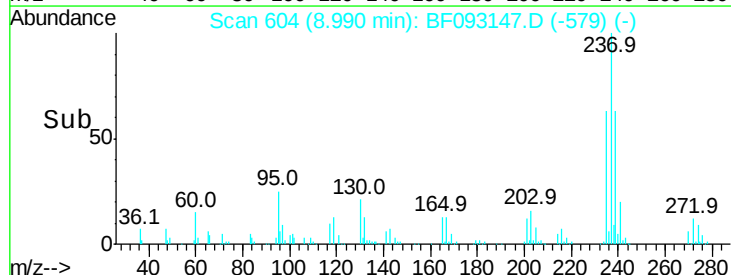
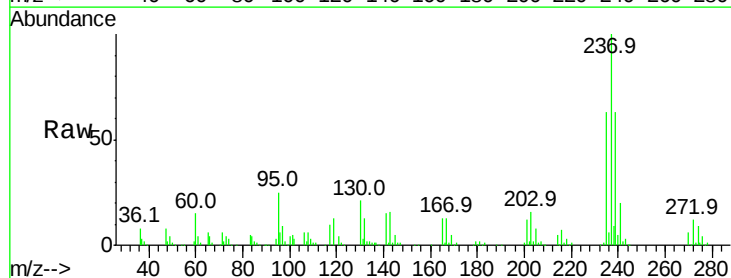
mohammad

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#40
 Hexachlorocyclopentadiene
 Concen: 39.47 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	202606		
235	62.8	41.2	81.2	
272	11.5	0.0	35.4	





#41
 2,4,6-Tribromophenol
 Concen: 75.92 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

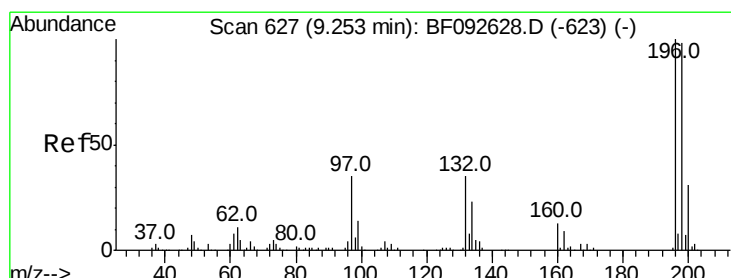
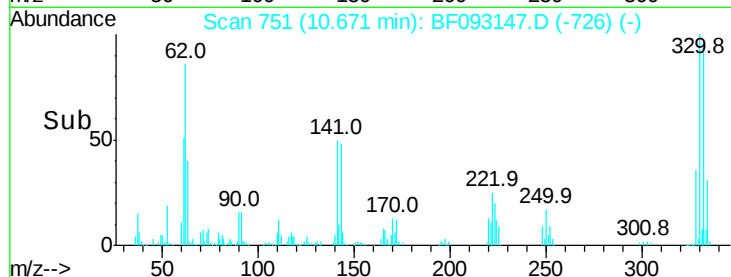
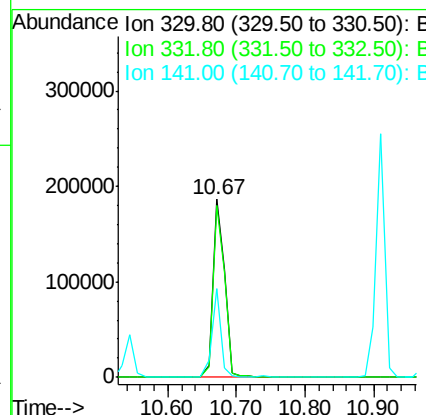
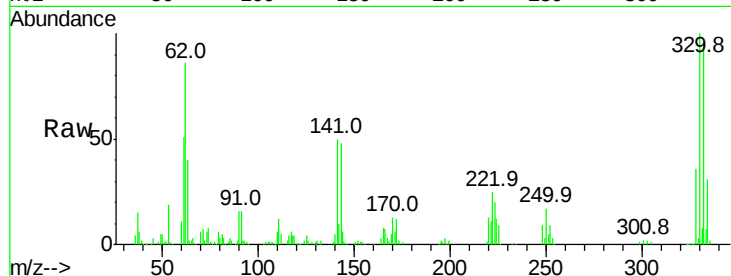
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	222576		
332	97.0		77.4	116.2
141	38.5		34.1	51.1

Manual Integrations
 APPROVED

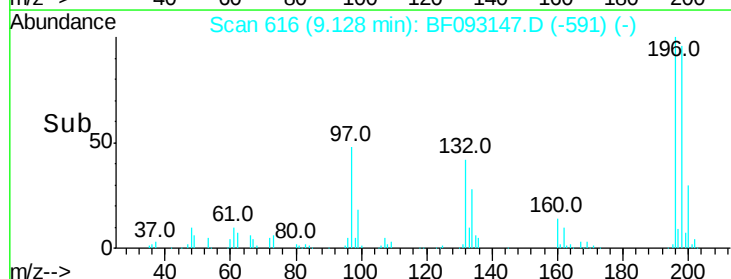
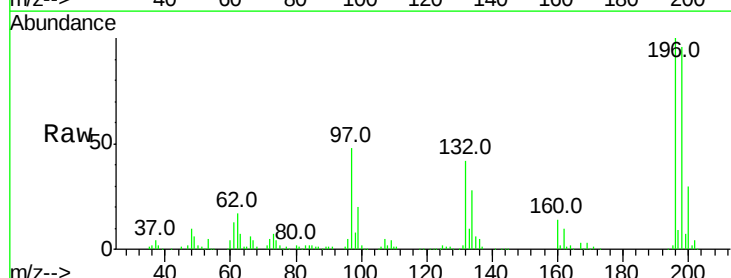
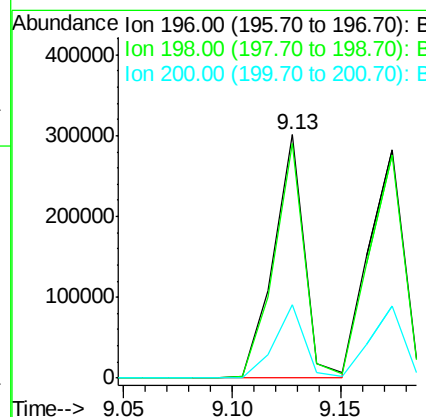
mohammad

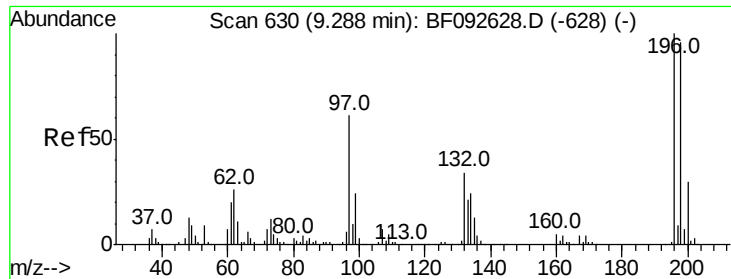
2/27/2017 1:07:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.05 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	299451		
198	96.2		82.1	123.1
200	30.3		27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 39.02 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

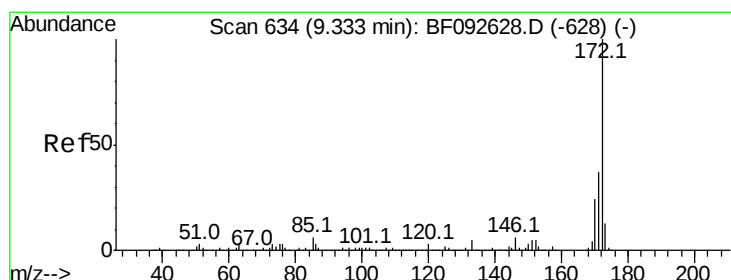
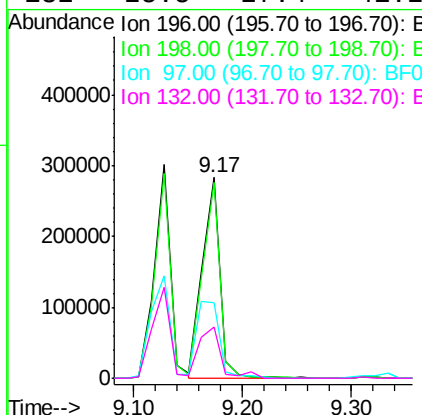
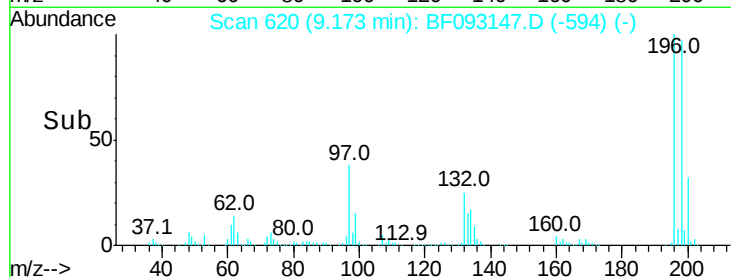
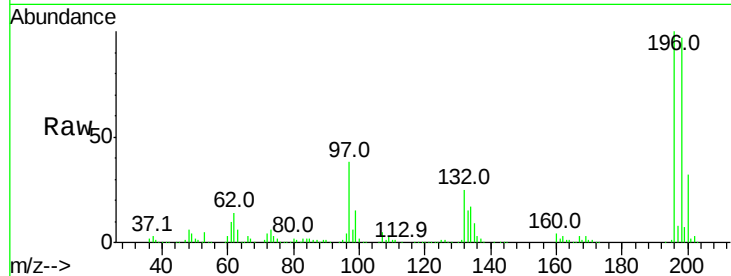
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	319688		
198	97.4	79.4	119.2	
97	37.9	51.5	77.3	
132	25.5	27.4	41.2	

Manual Integrations
 APPROVED

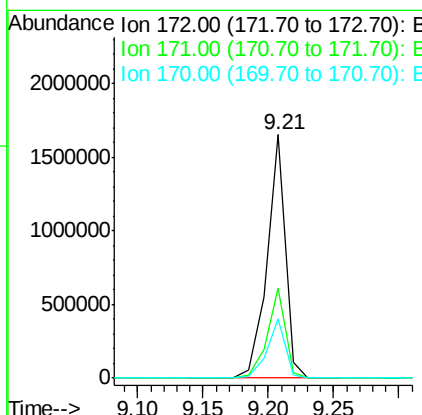
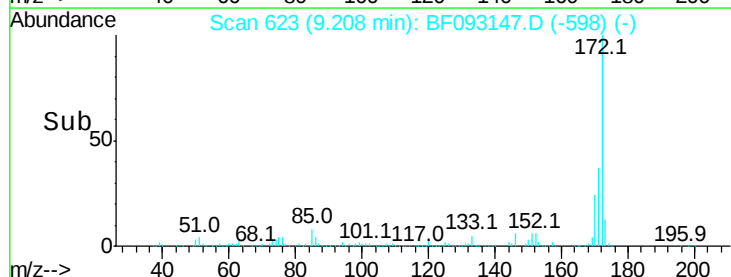
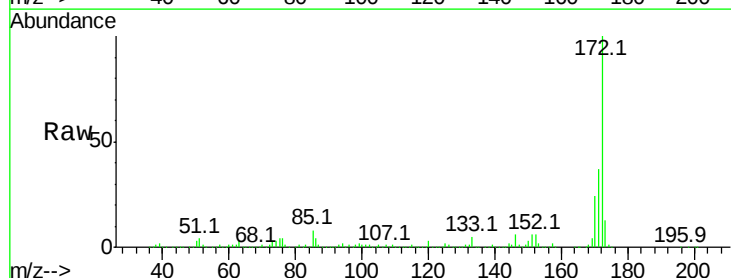
mohammad

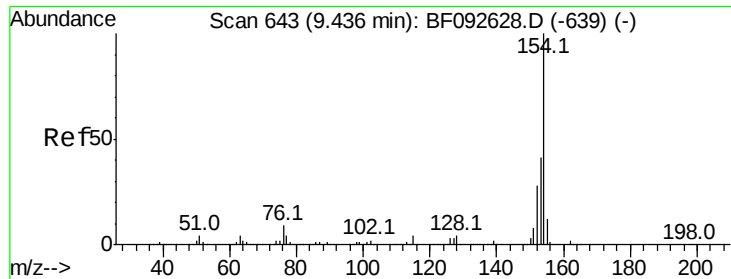
2/27/2017 1:07:26 PM



#44
 2-Fluorobiphenyl
 Concen: 72.55 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1623205		
171	37.0	29.4	44.0	
170	24.4	20.2	30.4	





#45
 1,1'-Biphenyl
 Concen: 41.78 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

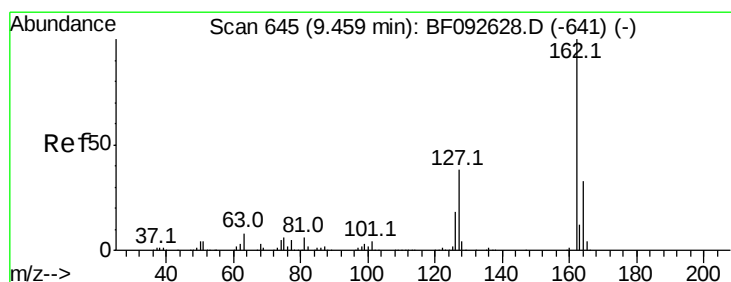
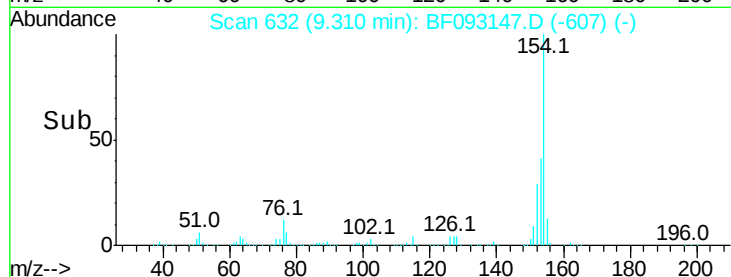
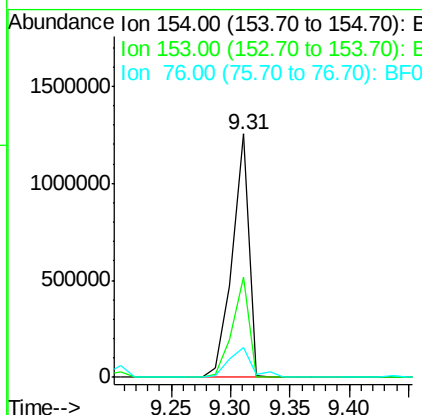
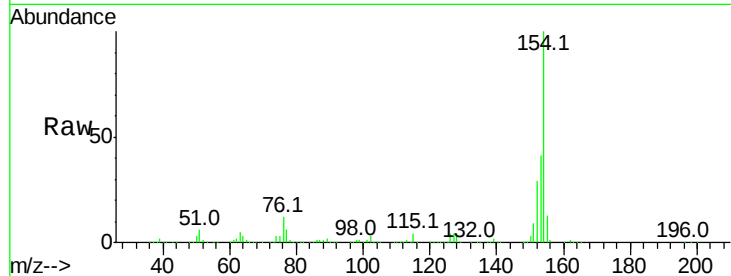
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	154	Resp:	1226401
Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	12.3	0.0	30.5

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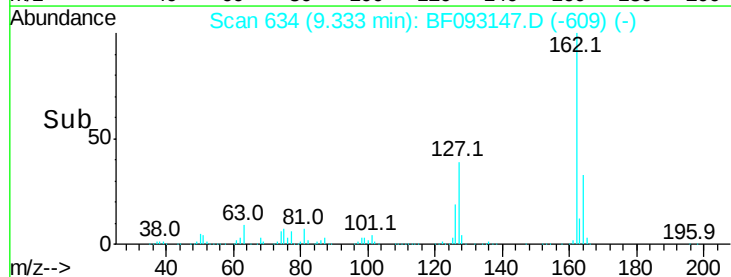
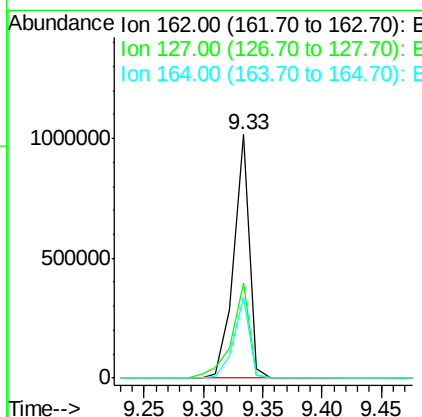
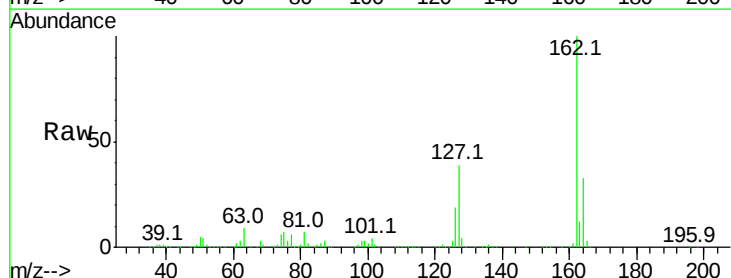
mohammad

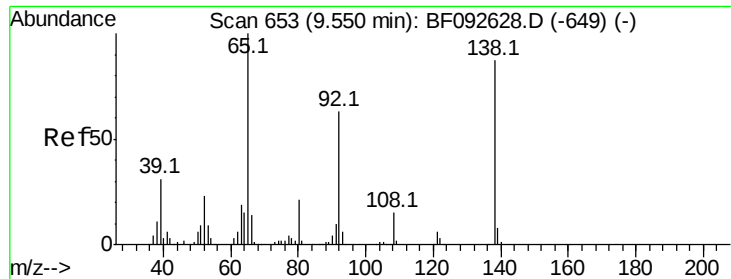
2/27/2017 1:07:26 PM



#46
 2-Chloronaphthalene
 Concen: 40.73 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion:	162	Resp:	935132
Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.7	46.1
164	33.4	27.6	41.4





#47

2-Nitroaniline

Concen: 45.56 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

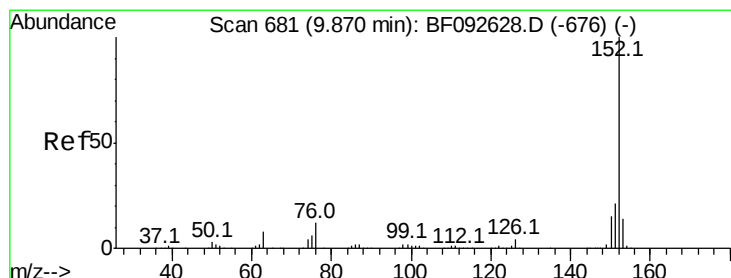
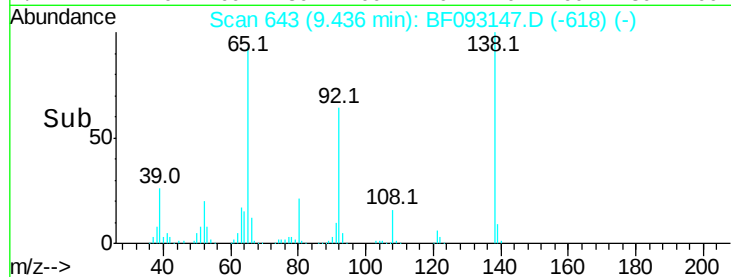
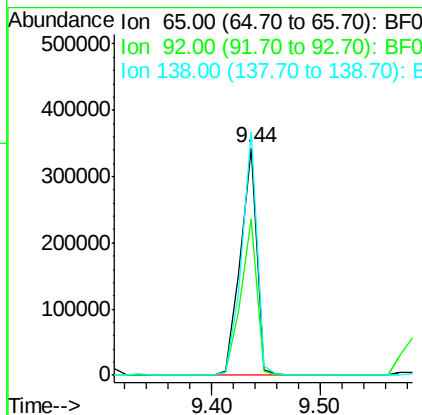
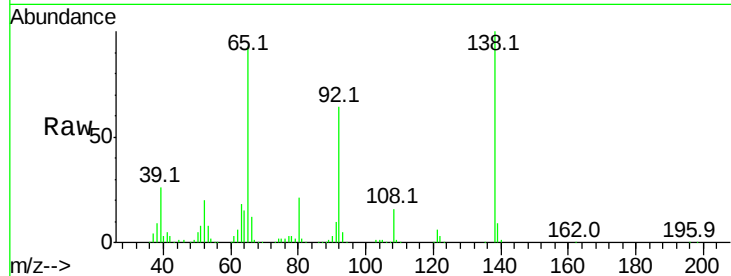
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.9	80.9
138	107.2	76.8	115.2

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#48

Acenaphthylene

Concen: 35.19 ng

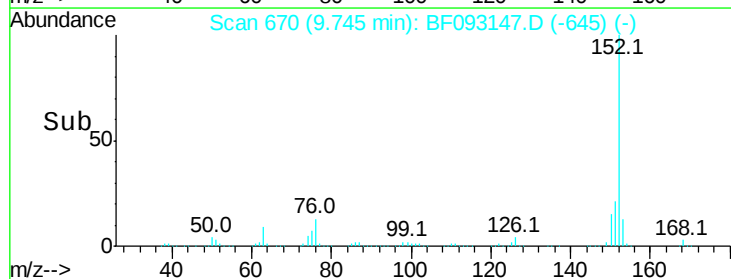
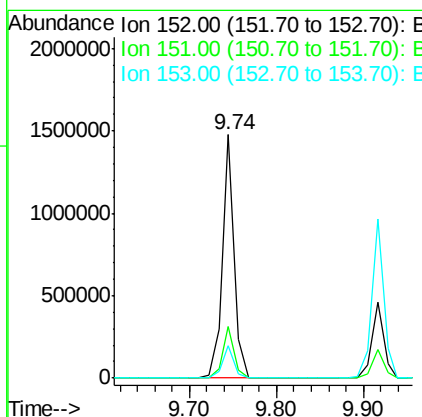
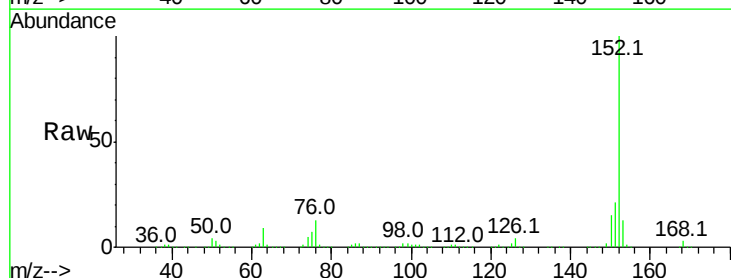
RT: 9.74 min Scan# 670

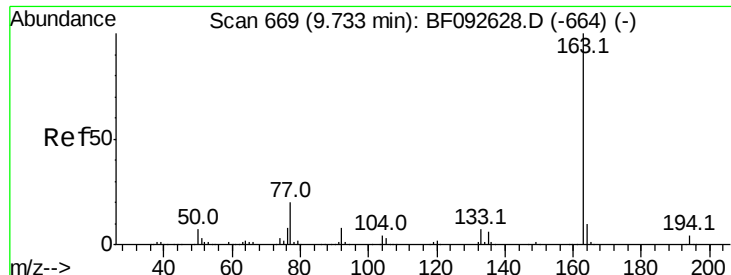
Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.4	11.4	17.2





#49
Dimethylphthalate
Concen: 41.47 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

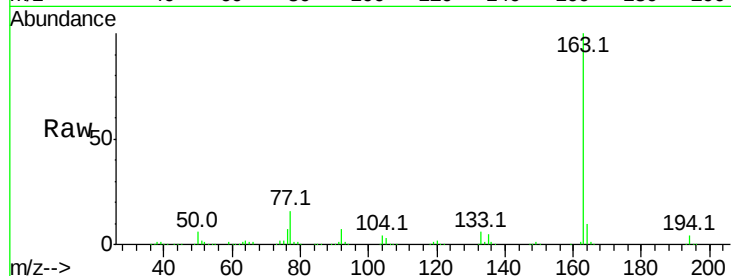
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1132245
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 8.0 12.0

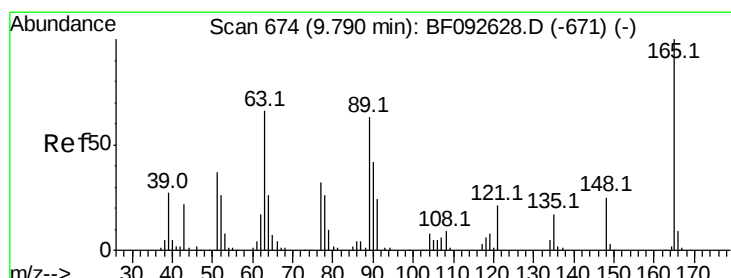
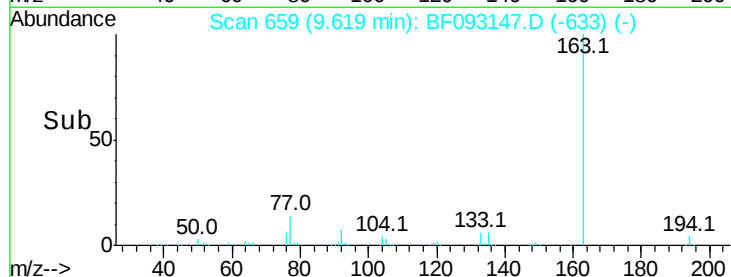
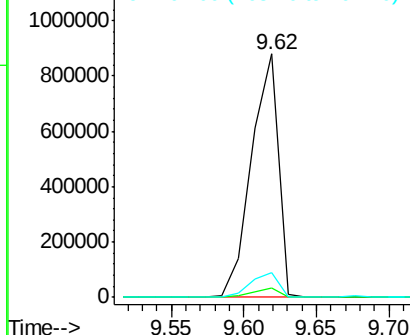
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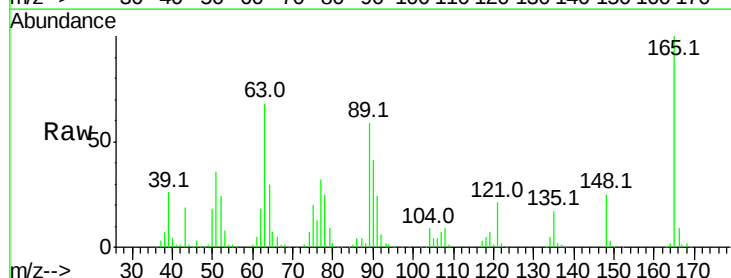


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

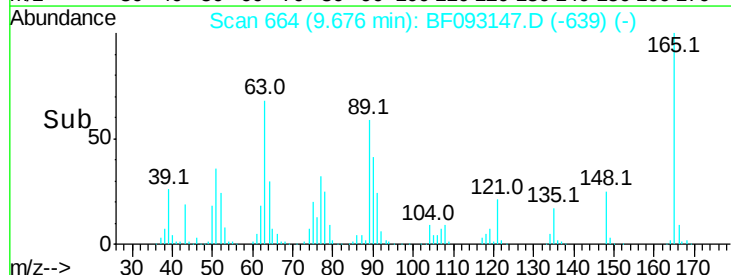
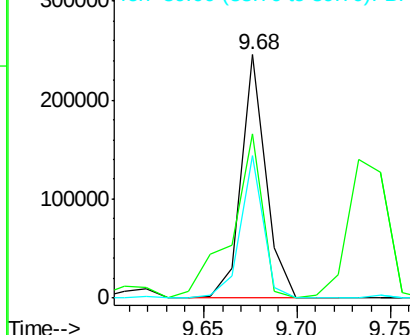


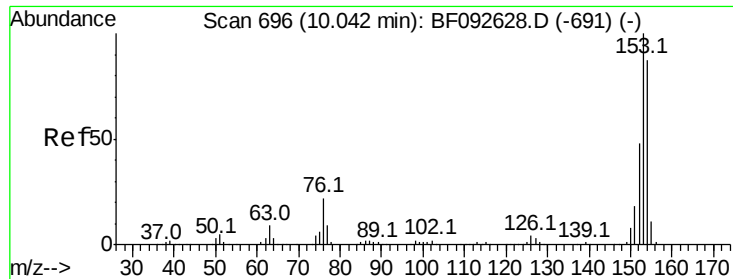
#50
2,6-Dinitrotoluene
Concen: 38.32 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion:165 Resp: 225931
Ion Ratio Lower Upper
165 100
63 67.6 36.2 54.4#
89 58.7 40.2 60.4



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





#51

Acenaphthene

Concen: 34.07 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

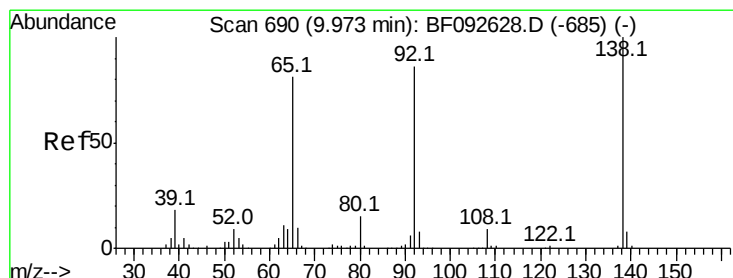
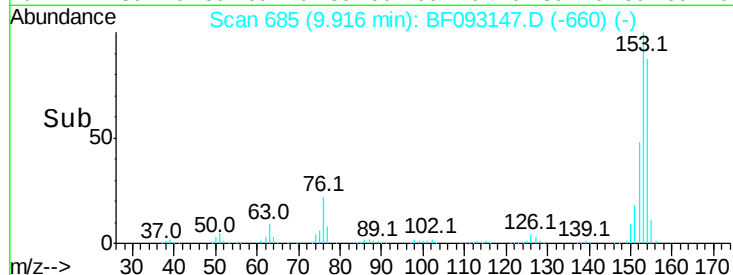
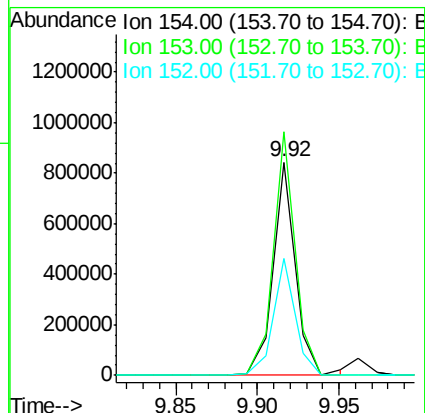
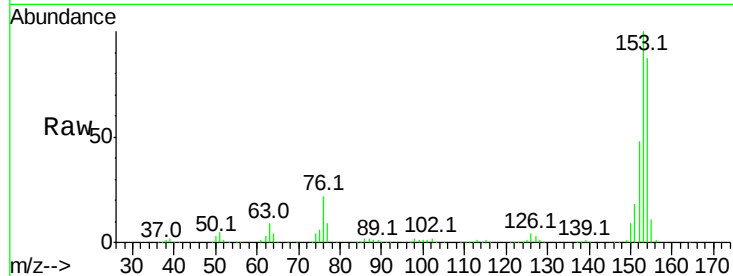
SSTDCCC040

Tot Ion:	154	Resp:	807905
Ion Ratio	Lower	Upper	
154	100		
153	114.3	88.6	133.0
152	55.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 39.76 ng

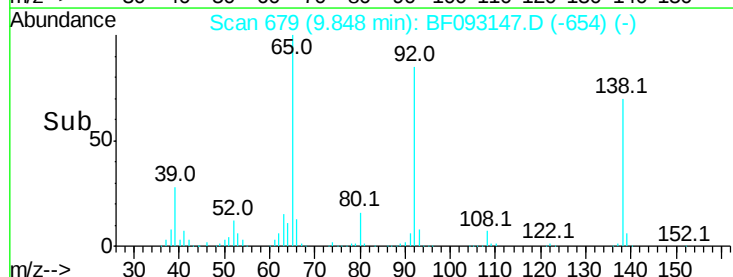
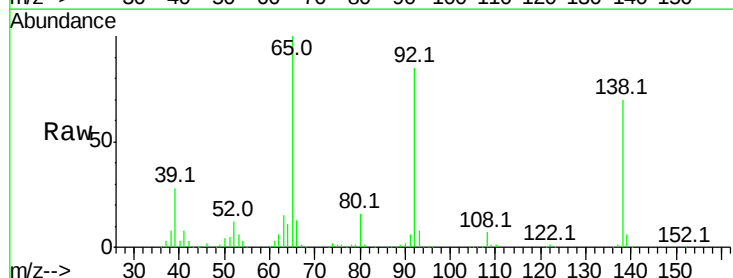
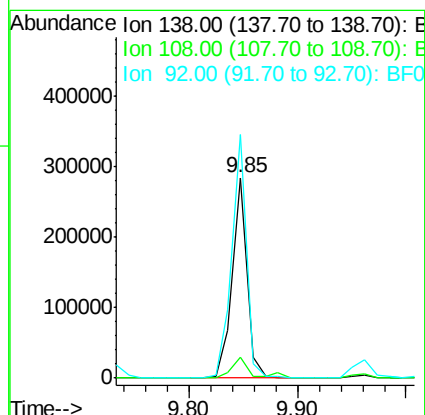
RT: 9.85 min Scan# 679

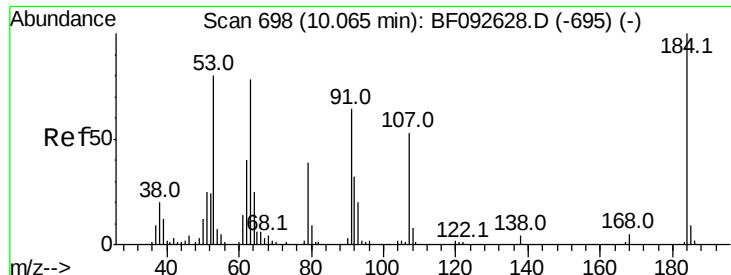
Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	138	Resp:	268274
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	121.5	97.8	146.8





#53
 2,4-Dinitrophenol
 Concen: 47.13 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

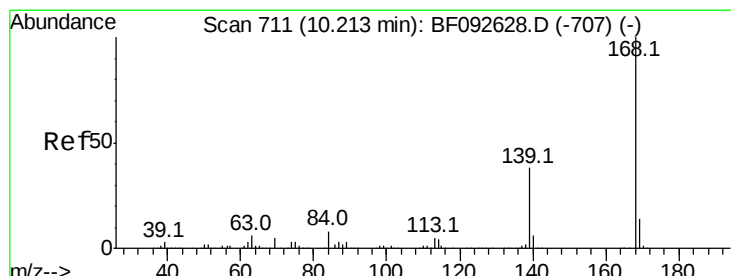
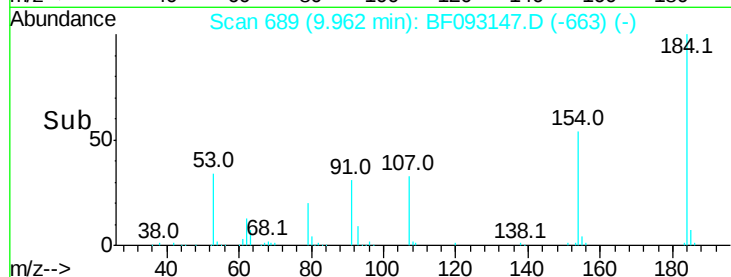
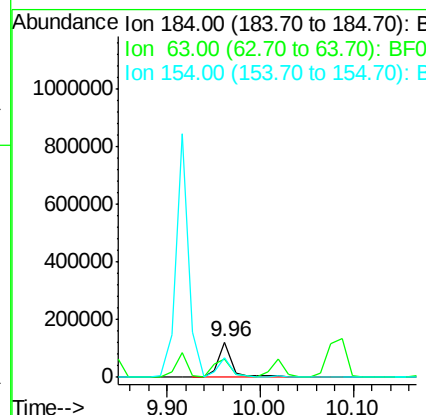
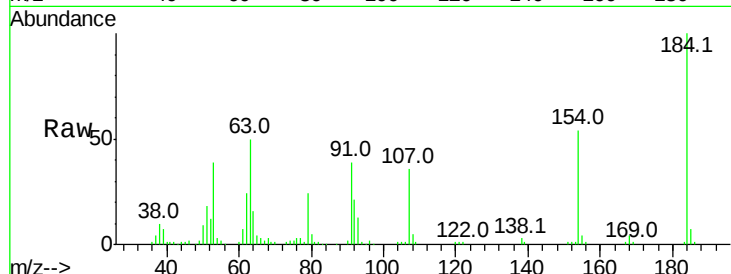
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.3	28.4	42.6	
154	54.2	44.3	66.5	

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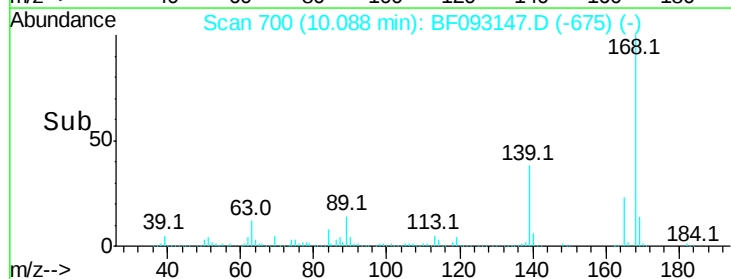
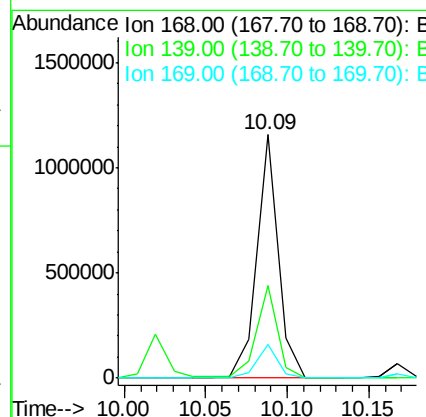
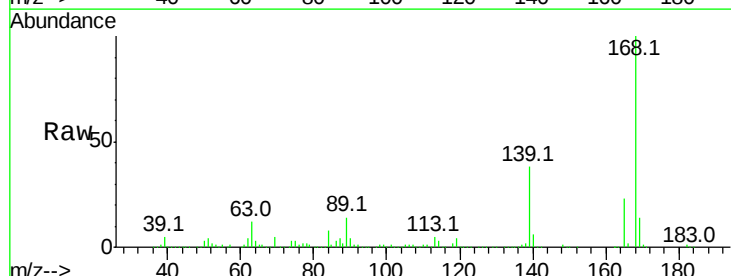
mohammad

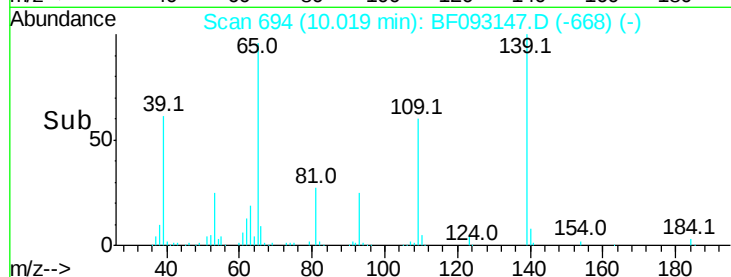
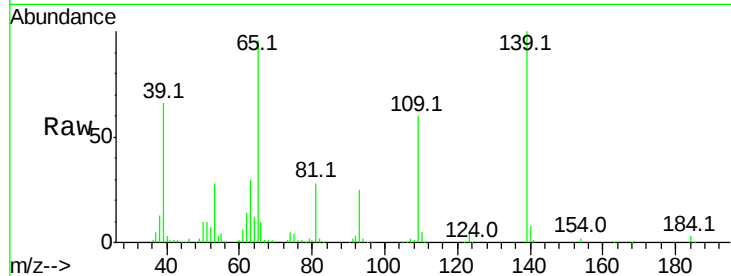
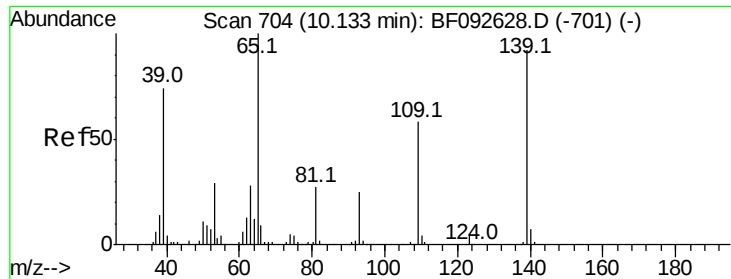
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#54
 Dibenzofuran
 Concen: 33.39 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3	32.6	49.0	
169	13.8	11.3	16.9	





#55
4-Nitrophenol
Concen: 39.51 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

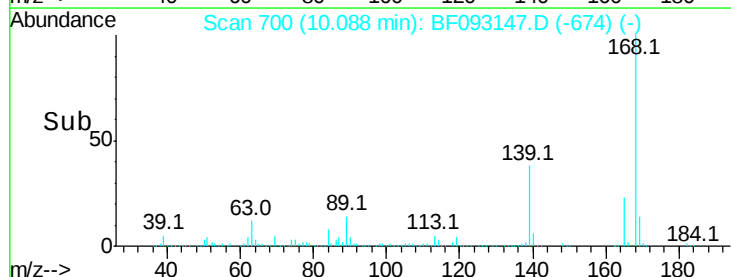
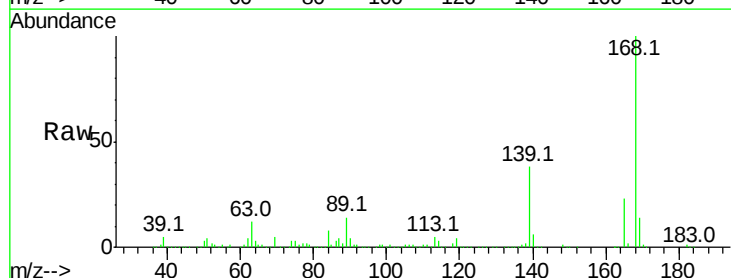
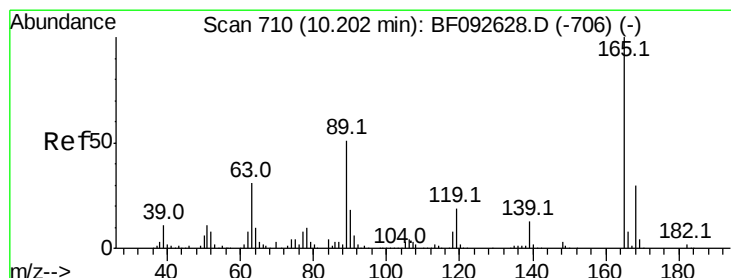
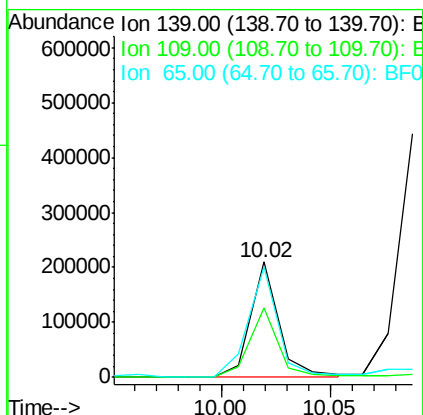
Tot Ion:139 Resp: 192024
Ion Ratio Lower Upper
139 100
109 59.8 52.2 92.2
65 96.2 85.8 125.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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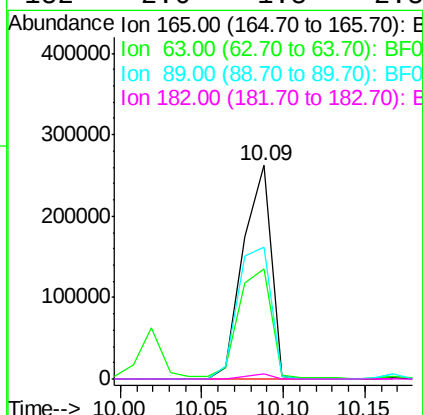
mohammad

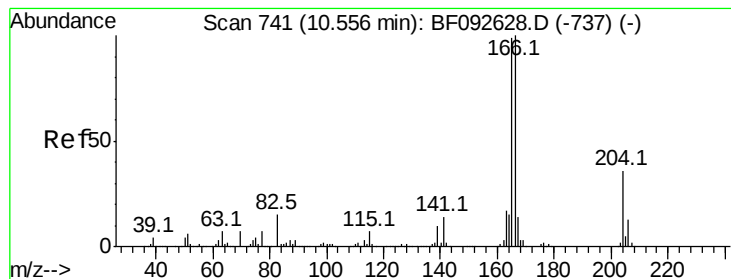
2/27/2017 1:07:26 PM



#56
2,4-Dinitrotoluene
Concen: 39.71 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion:165 Resp: 311751
Ion Ratio Lower Upper
165 100
63 51.6 40.2 60.4
89 61.9 62.5 93.7#
182 2.6 1.8 2.8





#57

Fluorene

Concen: 37.33 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampled :

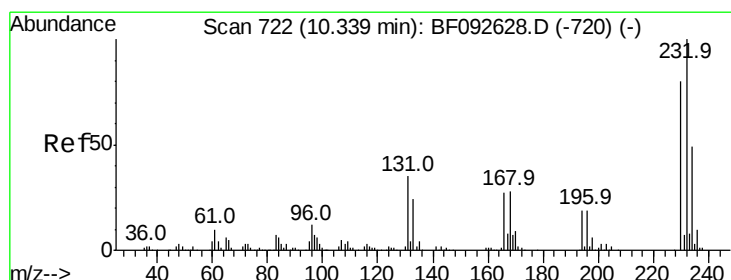
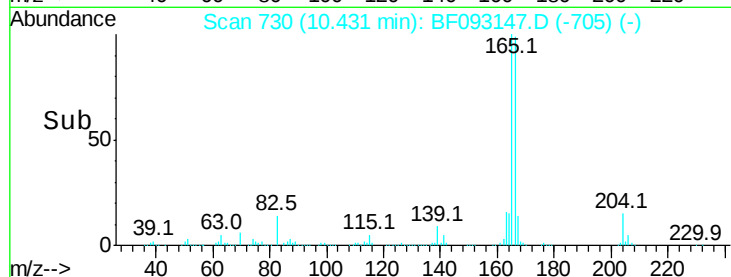
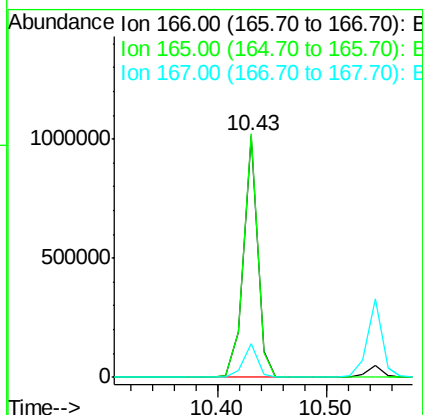
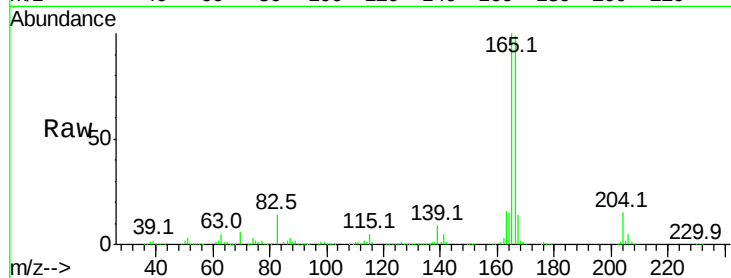
SSTDCCC040

Tot Ion:	166	Resp:	911004
Ion Ratio	Lower	Upper	
166	100		
165	100.8	77.8	116.8
167	13.8	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.84 ng

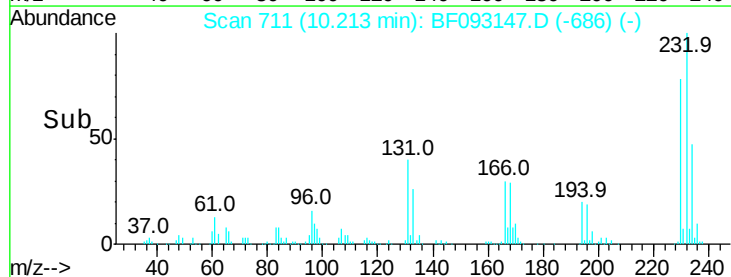
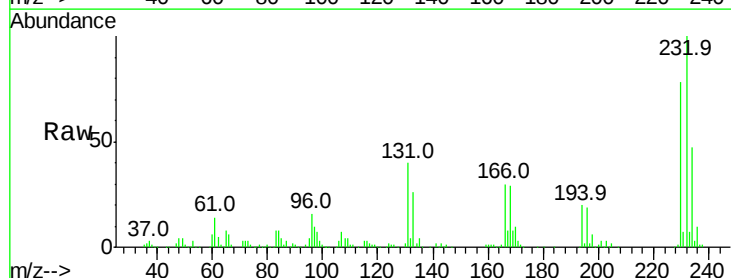
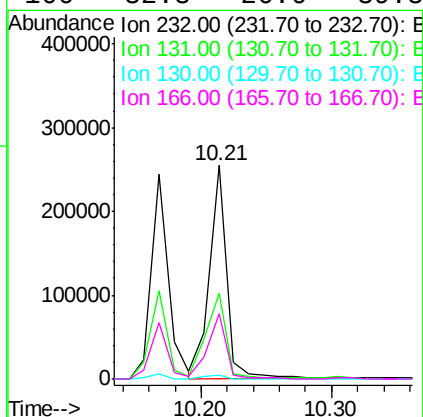
RT: 10.21 min Scan# 711

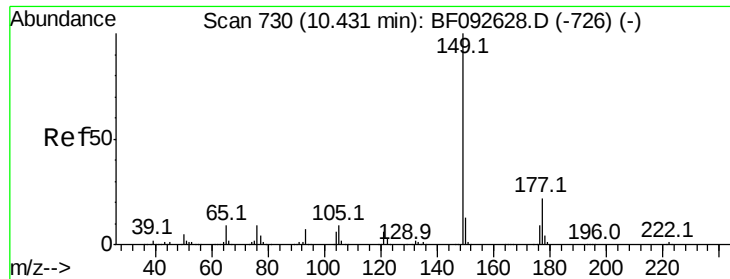
Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	232	Resp:	234091
Ion Ratio	Lower	Upper	
232	100		
131	47.5	40.1	60.1
130	2.2	1.8	2.8
166	32.3	26.6	39.8





#59
Diethylphthalate
Concen: 38.22 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

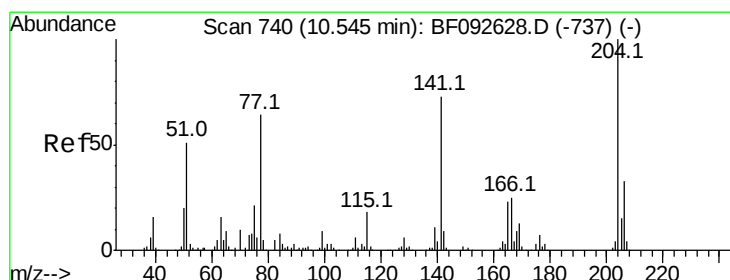
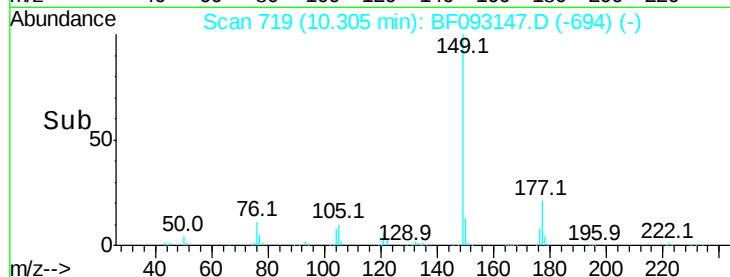
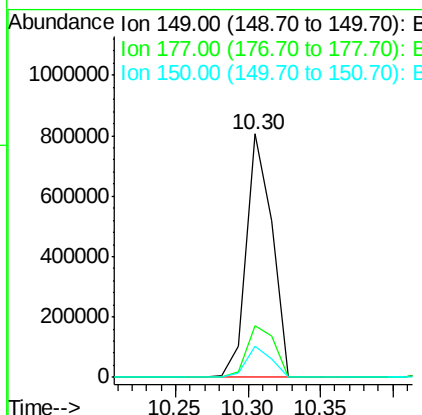
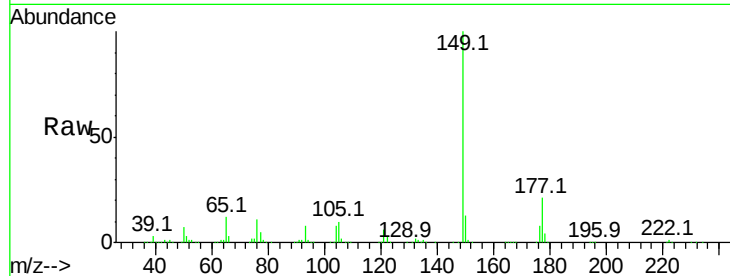
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.6	25.0
150	13.0	10.4	15.6

Manual Integrations
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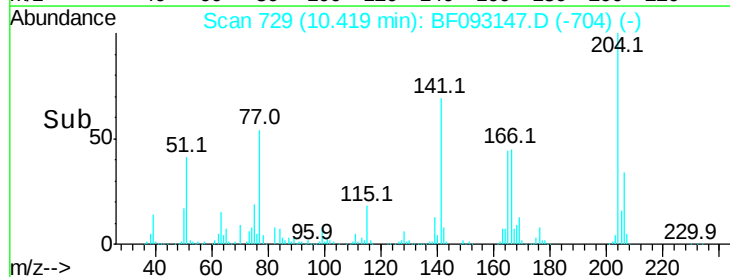
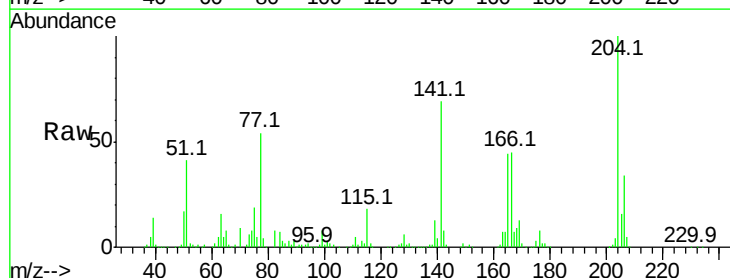
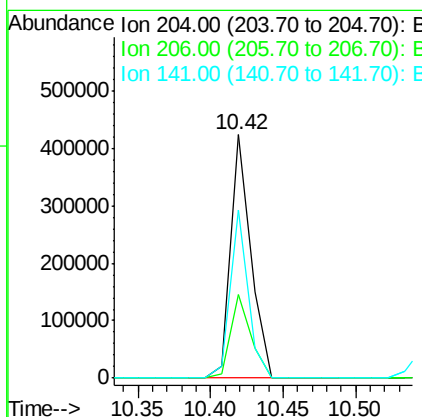
mohammad

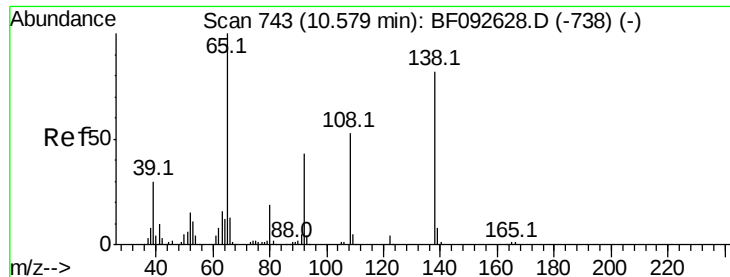
2/27/2017 1:07:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.00 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	68.8	59.4	89.0





#61
4-Nitroaniline
Concen: 41.63 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

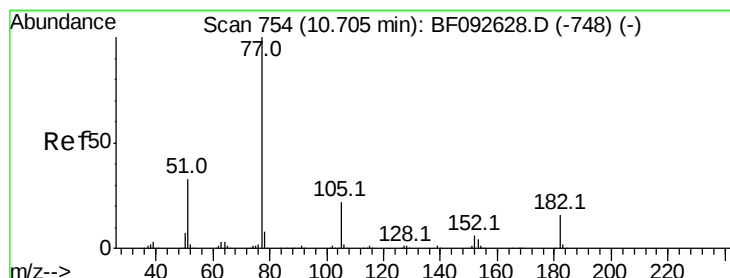
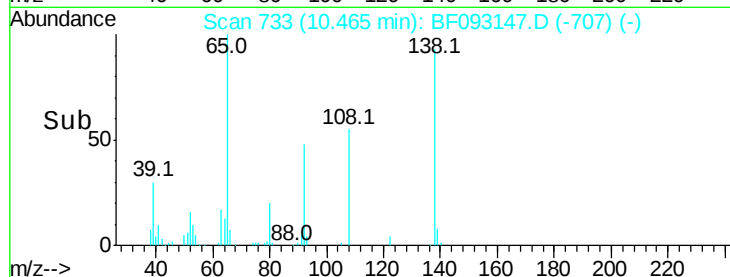
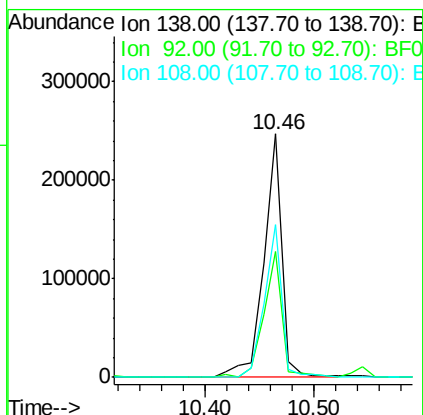
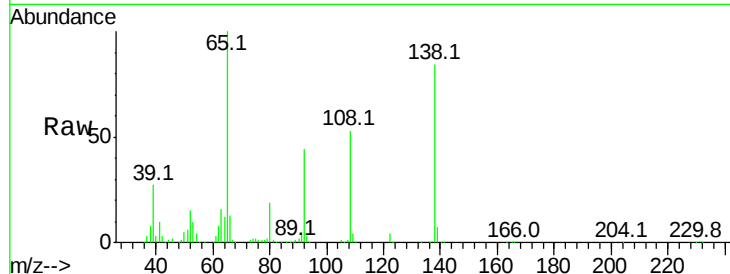
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.7	71.7
108	62.8	52.6	92.6

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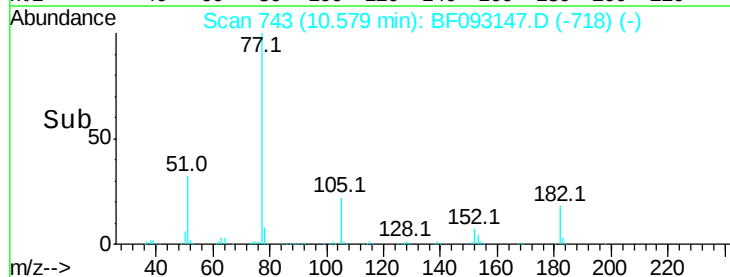
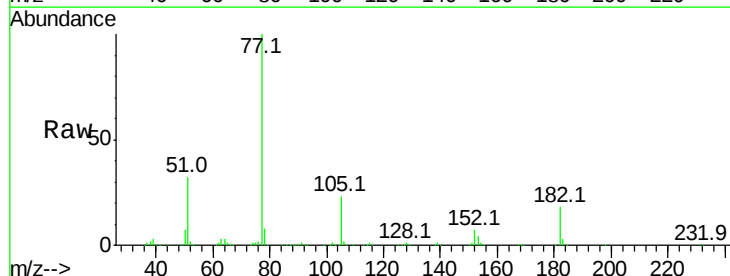
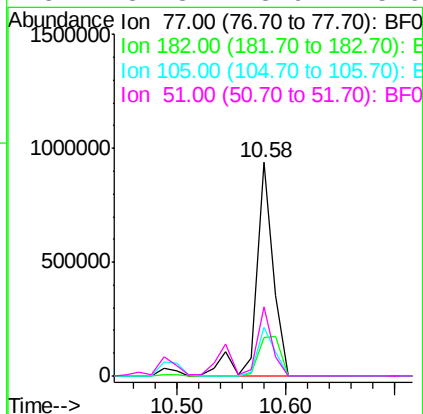
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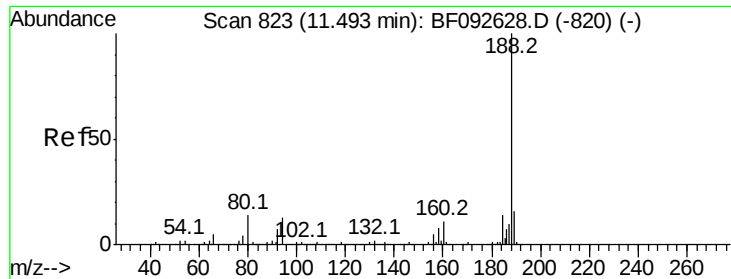
2/27/2017 1:07:26 PM



#62
Azobenzene
Concen: 39.27 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.0	39.3
105	22.5	2.3	42.3
51	32.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 679566

Ion Ratio Lower Upper

188 100

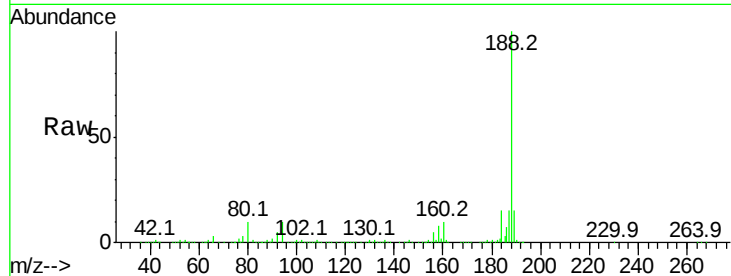
94 9.7 10.0 15.0#

80 10.0 11.2 16.8#

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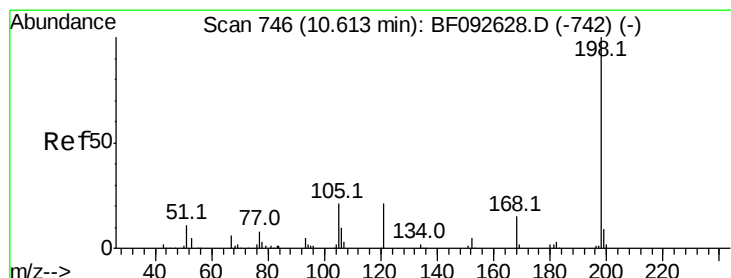
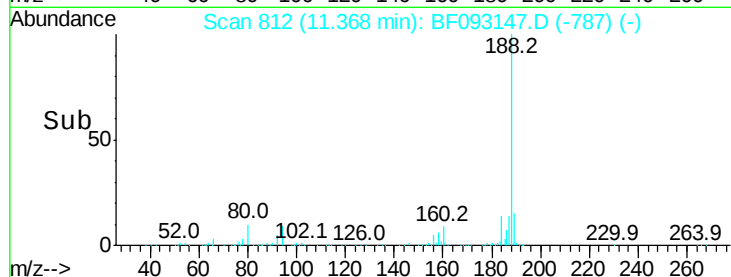
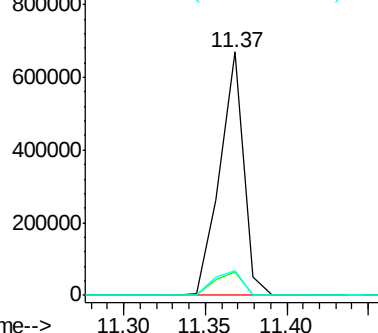
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.28 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

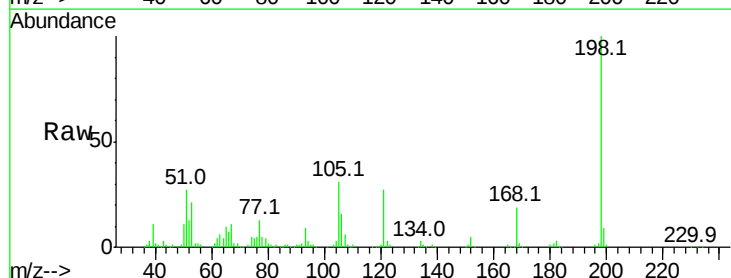
Tgt Ion:198 Resp: 191033

Ion Ratio Lower Upper

198 100

51 27.1 6.7 46.7

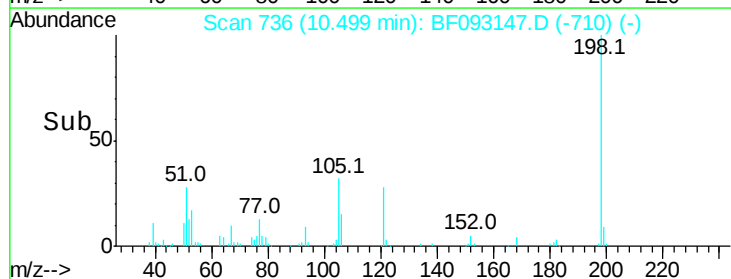
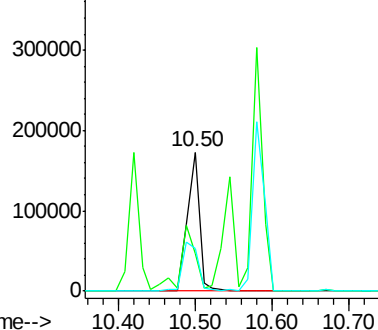
105 31.0 16.6 56.6

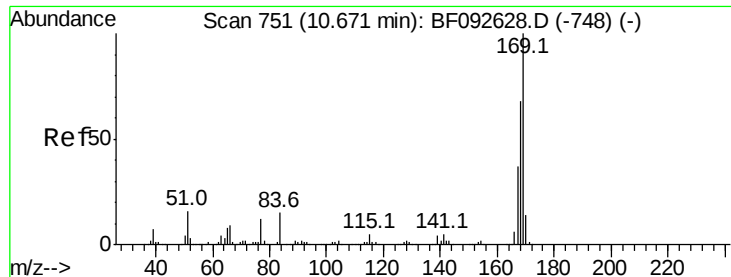


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.41 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

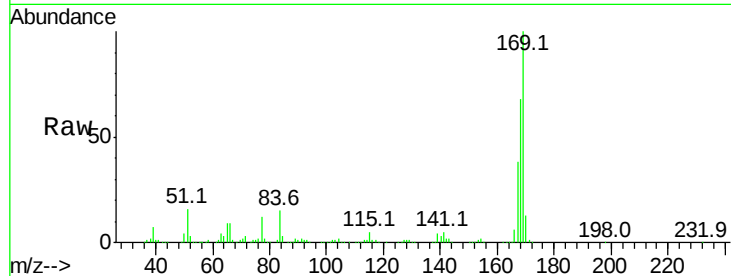
SSTDCCC040

Tot Ion:	169	Resp:	812086
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	38.0	30.2	45.4

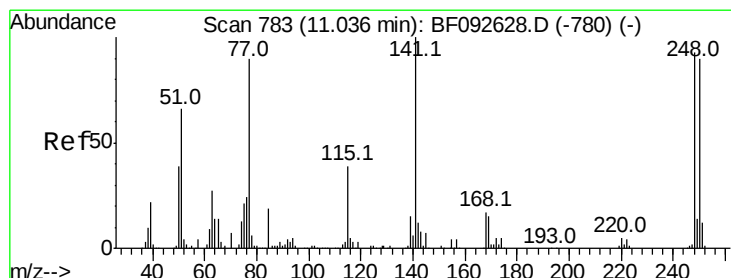
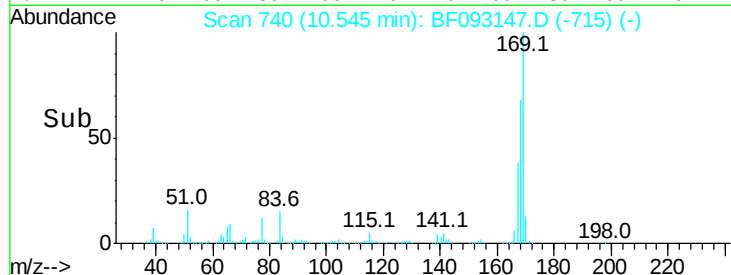
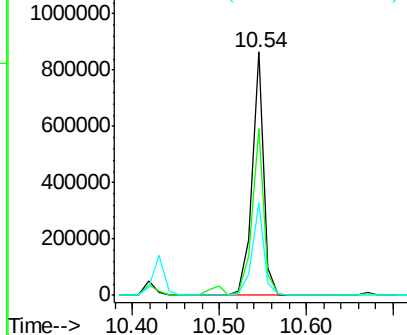
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.37 ng

RT: 10.91 min Scan# 772

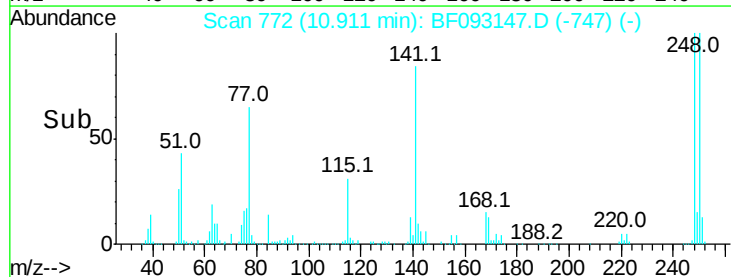
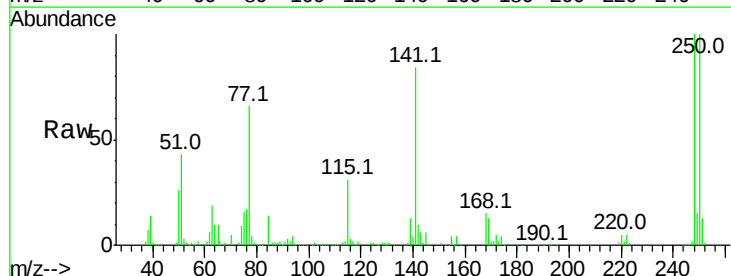
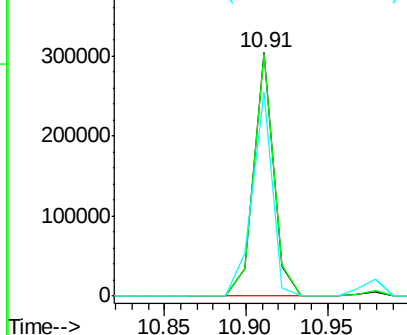
Delta R.T. -0.01 min

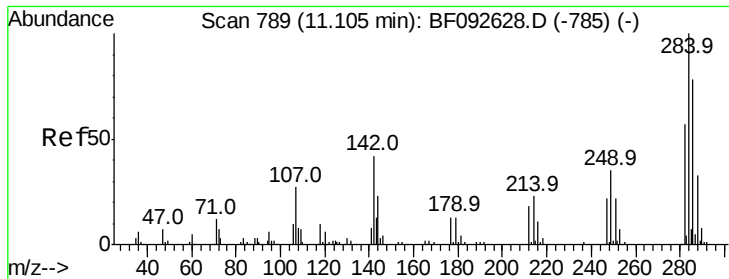
Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	248	Resp:	258245
Ion Ratio	Lower	Upper	
248	100		
250	99.5	76.9	115.3
141	83.8	68.2	102.4

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





#67
Hexachlorobenzene
Concen: 37.60 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

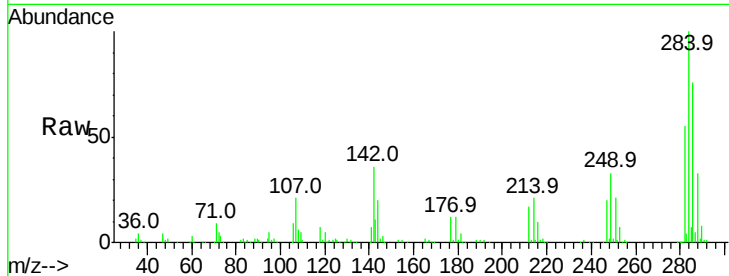
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	263782		
142	35.9	22.6	33.8#	
249	32.9	25.4	38.0	

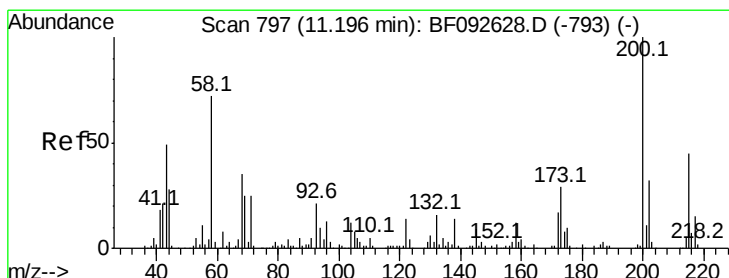
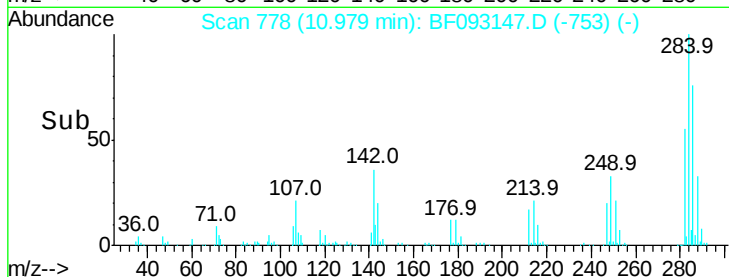
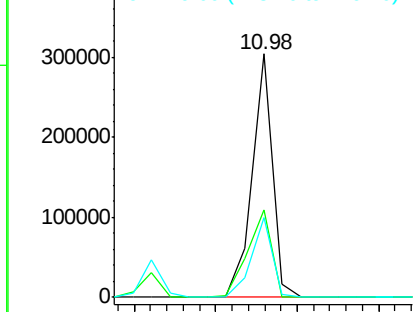
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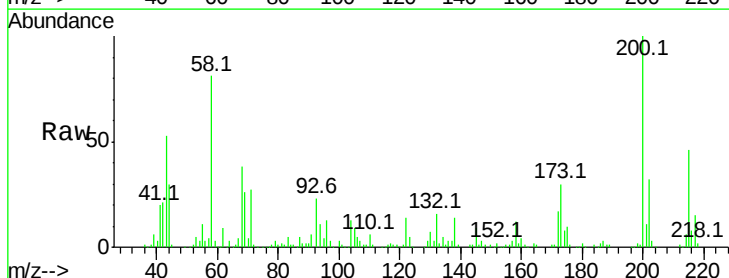


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

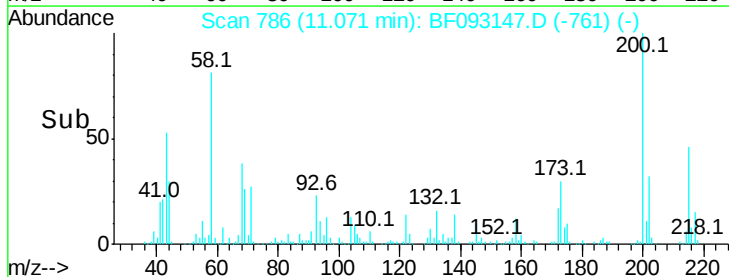
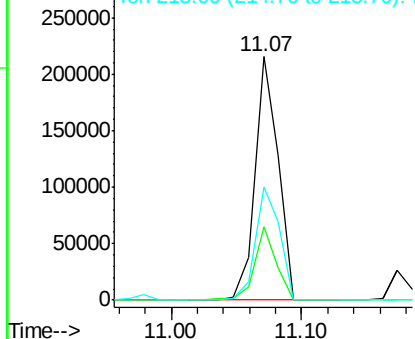


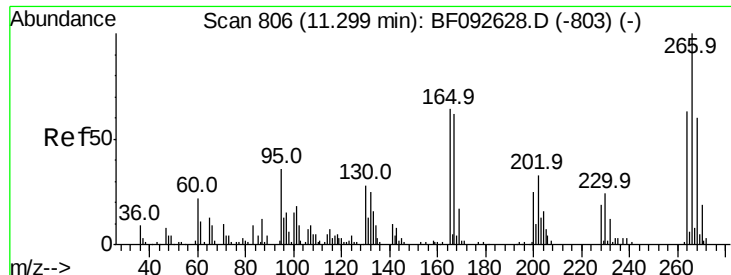
#68
Atrazine
Concen: 37.86 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	263782		
173	30.1	9.6	49.6	
215	46.2	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: 42.73 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

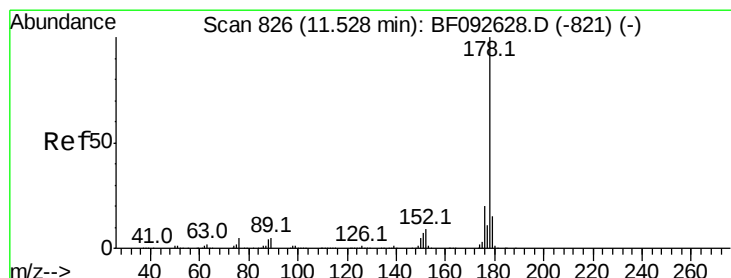
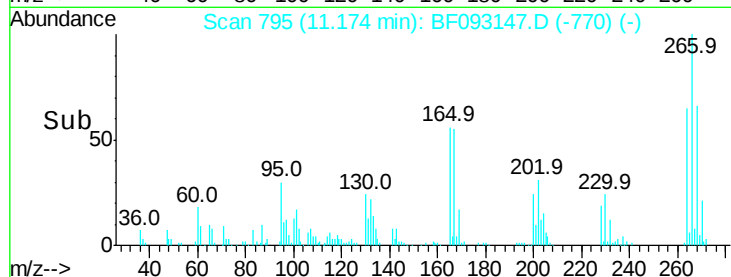
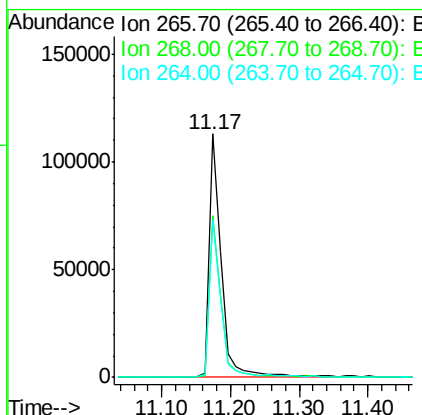
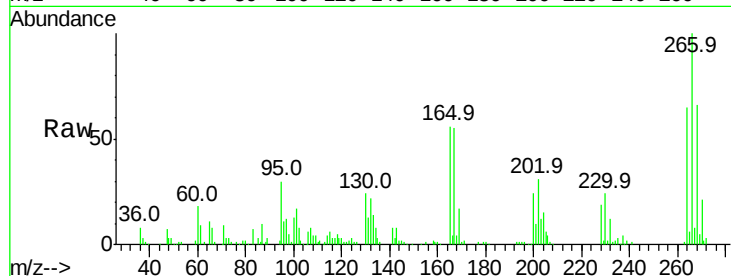
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	141402		
268	66.3	53.3	79.9	
264	64.9	50.3	75.5	

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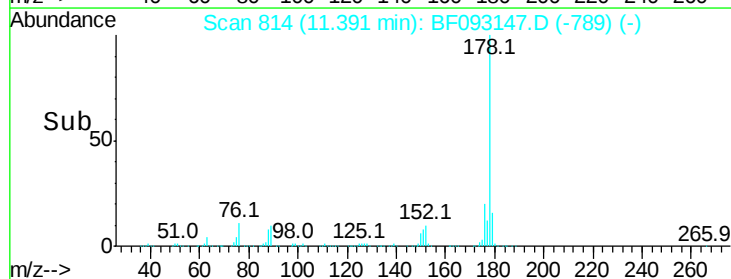
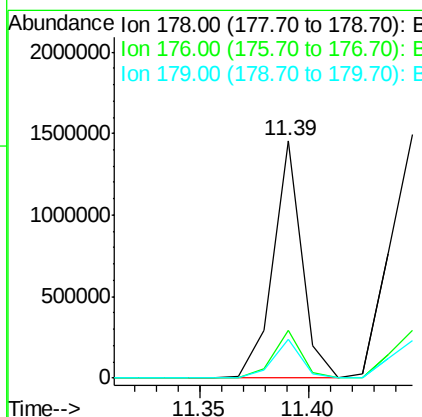
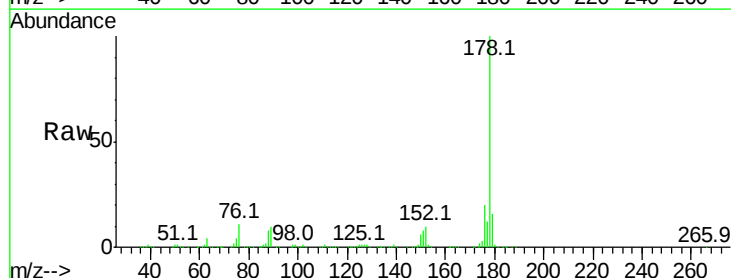
mohammad

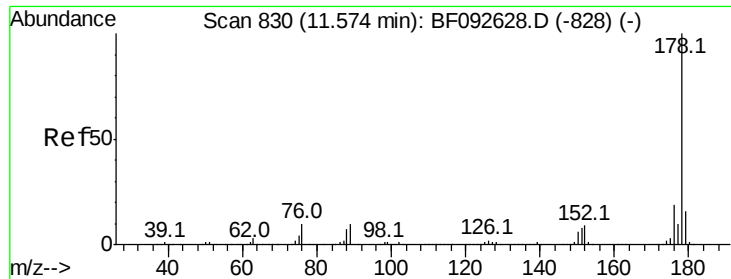
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#70
 Phenanthrene
 Concen: 34.57 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1345742		
176	20.3	16.6	25.0	
179	16.3	12.8	19.2	





#71
 Anthracene
 Concen: 40.70 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

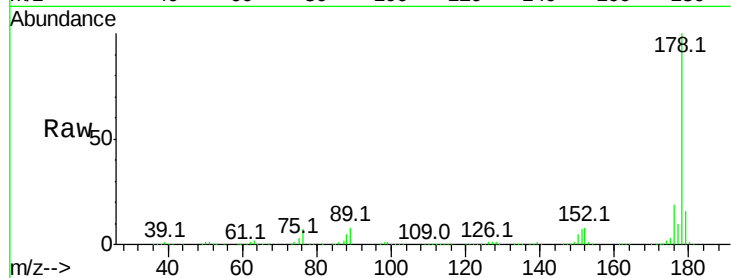
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1591285
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 13.2 19.8

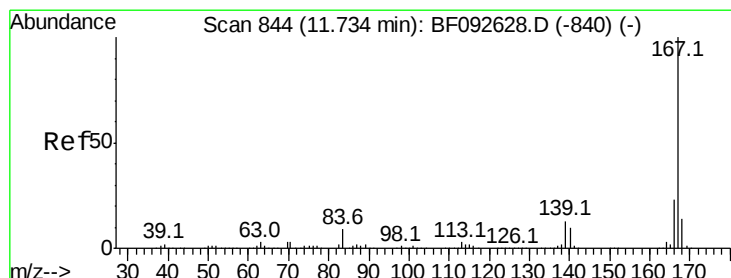
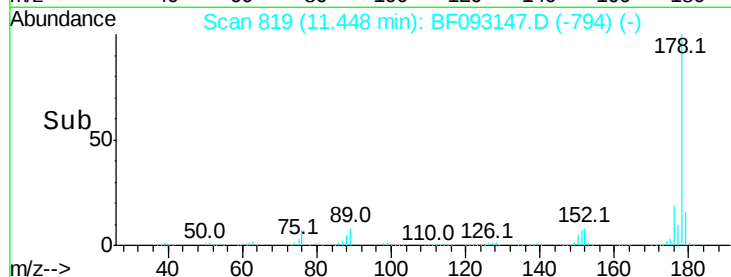
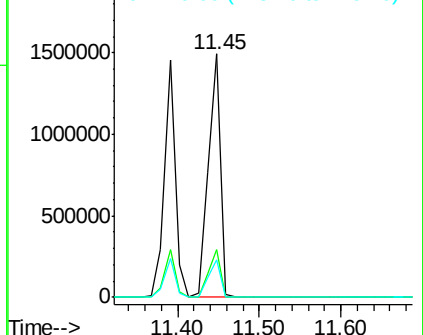
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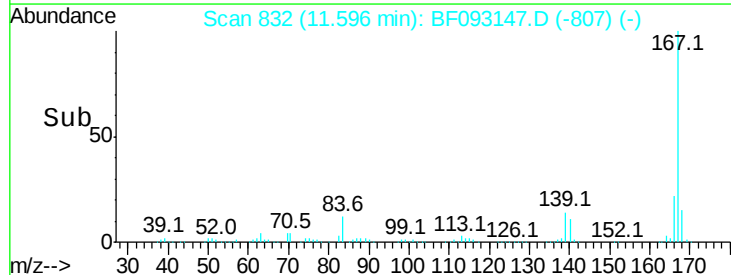
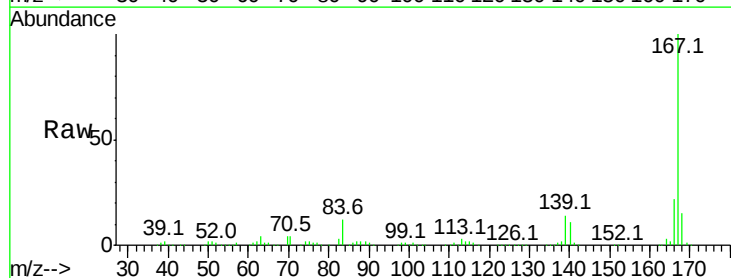
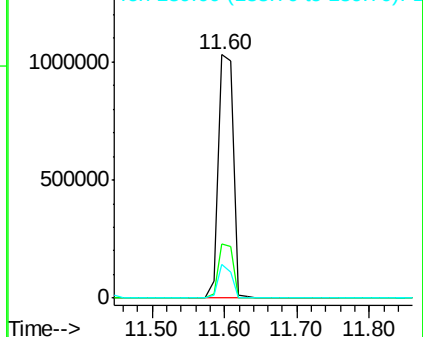
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

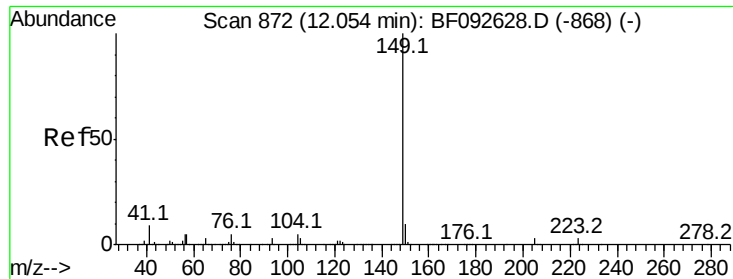


#72
 Carbazole
 Concen: 39.39 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion:167 Resp: 1472321
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.9 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

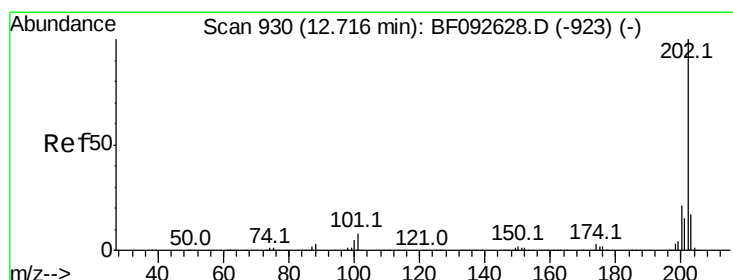
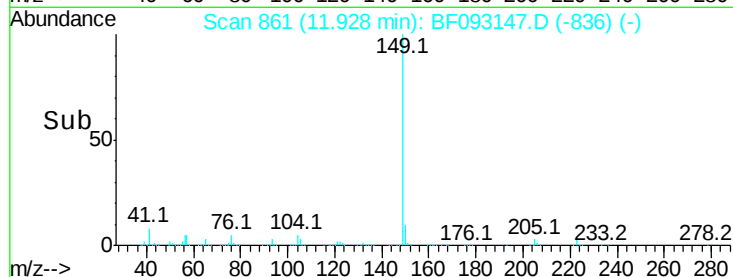
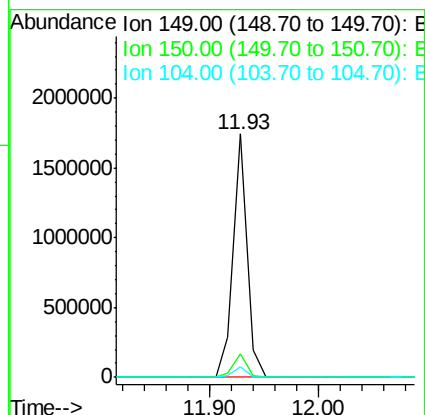
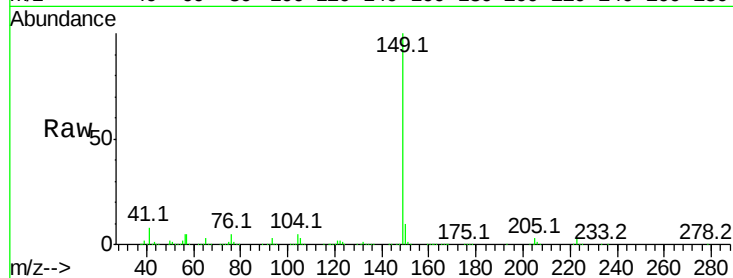
Tot Ion:149 Resp: 1528602

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.5	4.6	7.0

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#74

Fluoranthene

Concen: 37.00 ng

RT: 12.58 min Scan# 918

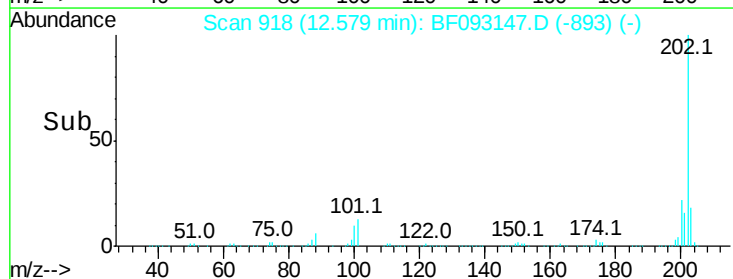
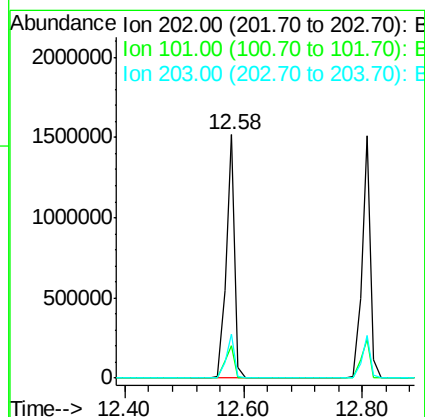
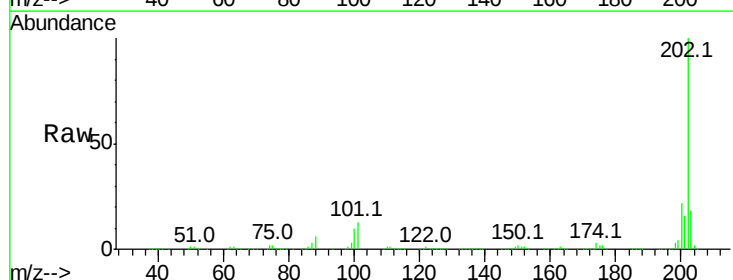
Delta R.T. -0.01 min

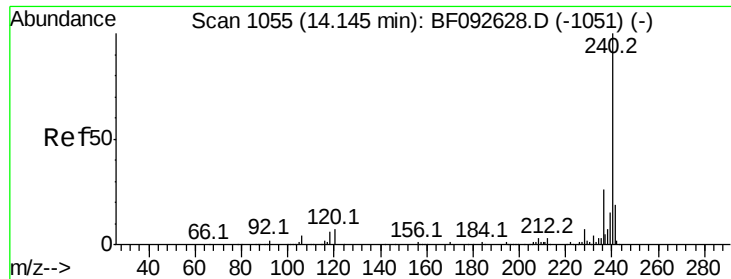
Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:202 Resp: 1485716

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Instrument :

BNA_F

ClientSampleId :

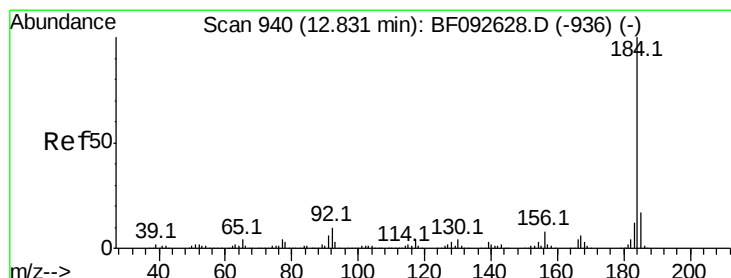
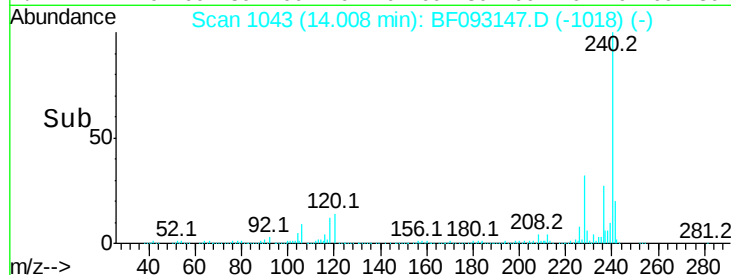
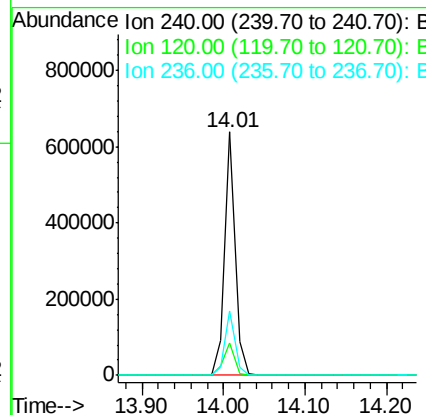
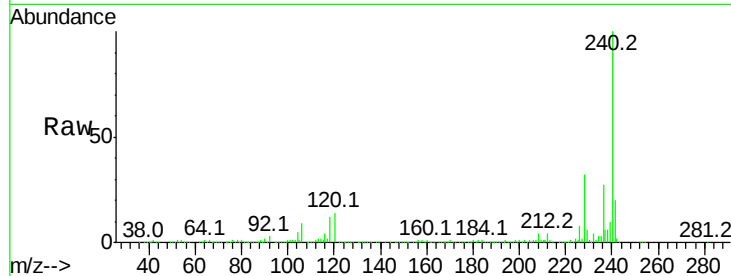
SSTDCCC040

Tot Ion:	240	Resp:	568918
Ion Ratio		Lower	Upper
240	100		
120	13.5	12.9	19.3
236	26.6	20.9	31.3

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#76

Benzidine

Concen: 35.60 ng

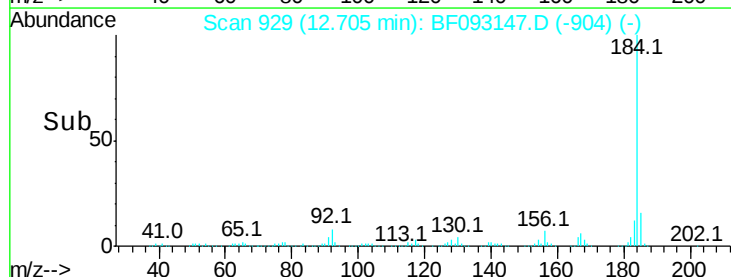
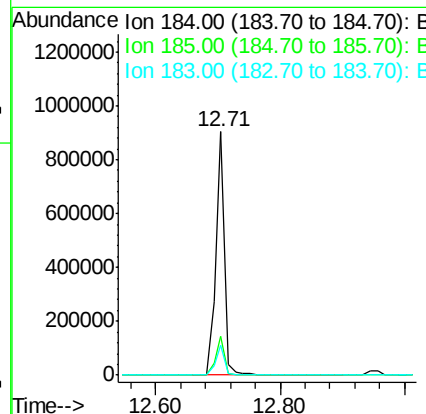
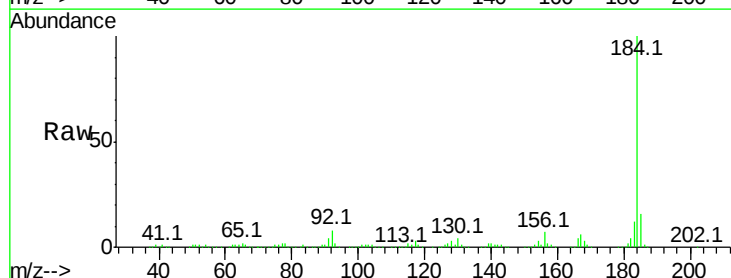
RT: 12.71 min Scan# 929

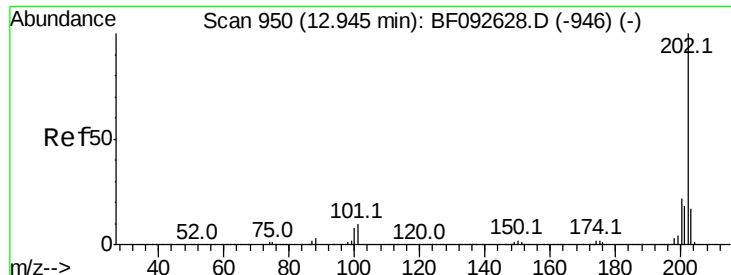
Delta R.T. -0.01 min

Lab File: BF093147.D

Acq: 24 Feb 2017 16:19

Tgt Ion:	184	Resp:	863062
Ion Ratio		Lower	Upper
184	100		
185	15.9	13.4	20.0
183	12.3	9.2	13.8





#77
Pvrene
Concen: 34.65 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

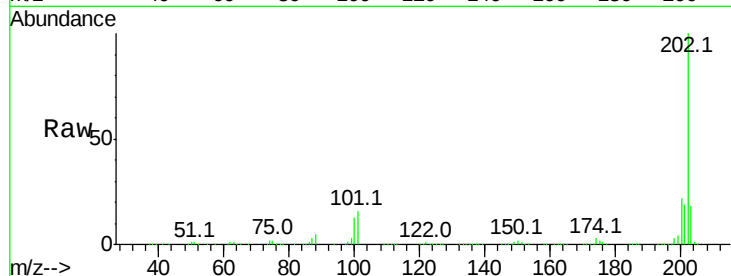
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.6	14.7	22.1

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2/27/2017 1:07:26 PM

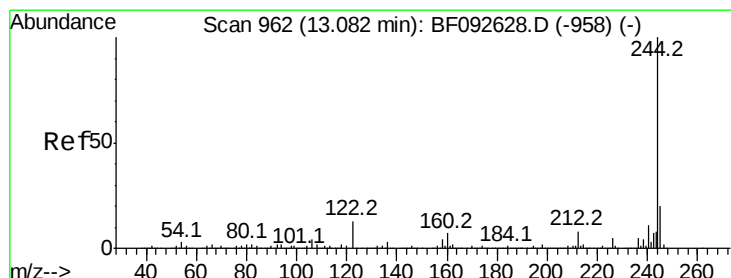
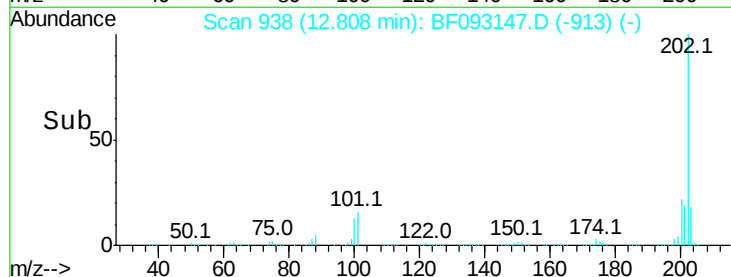
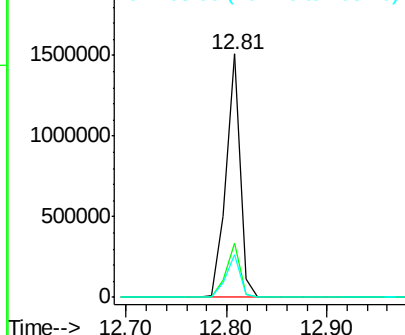


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 76.75 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

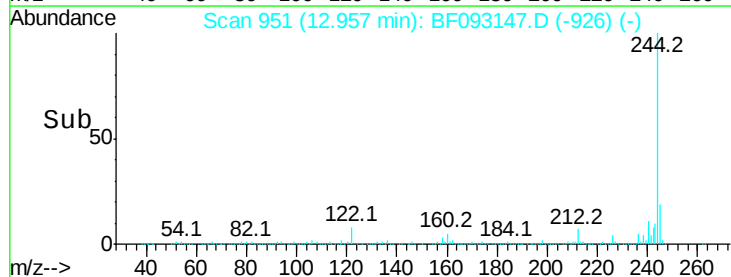
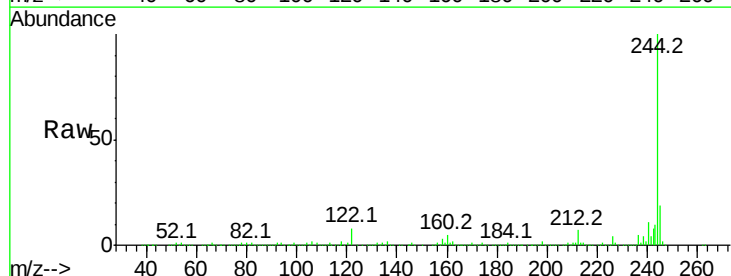
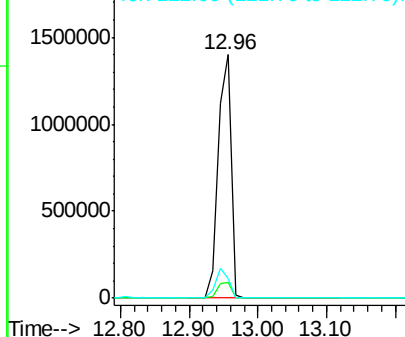
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	8.1	11.4	17.2#

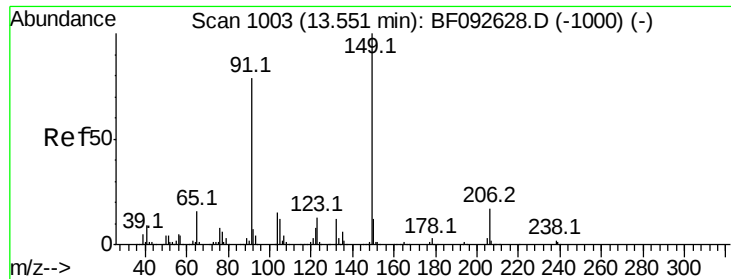
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79
Butylbenzylphthalate
Concen: 41.21 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

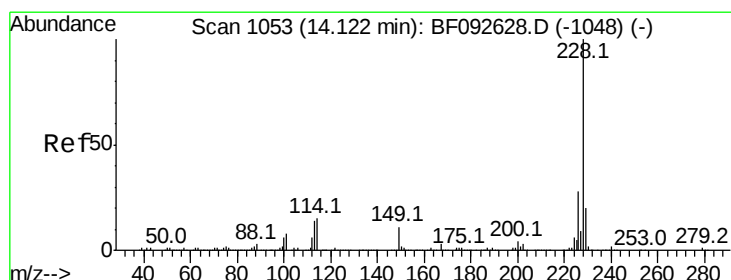
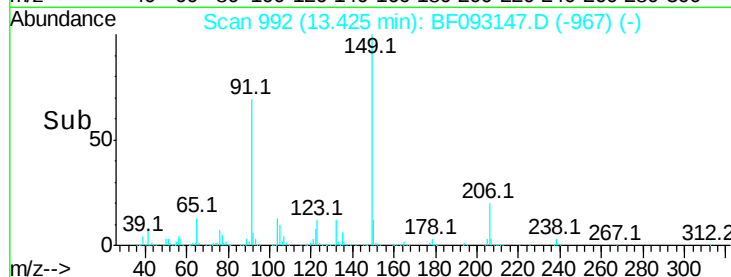
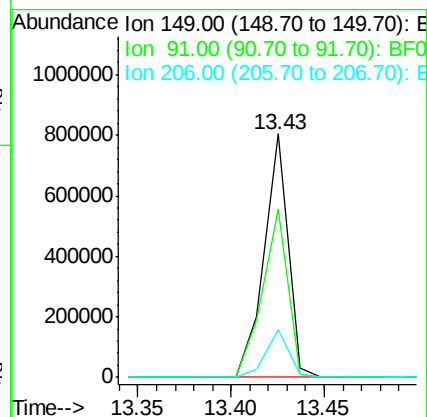
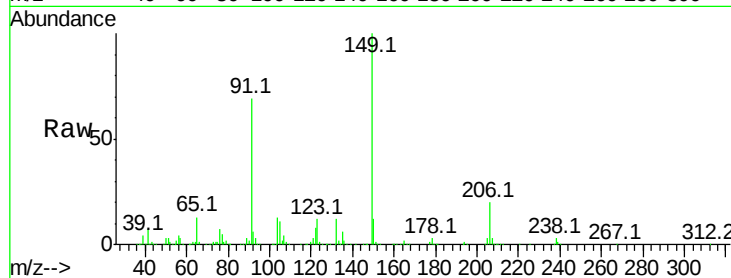
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	63.9	95.9
206	19.7	14.6	21.8

Manual Integrations
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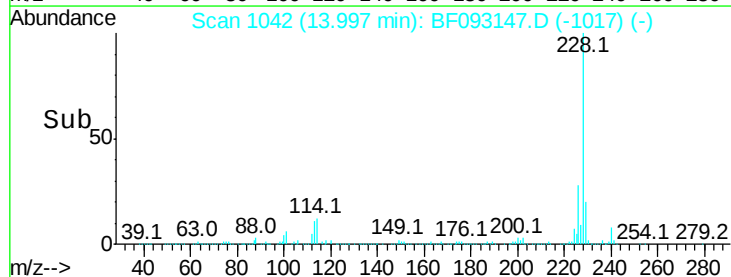
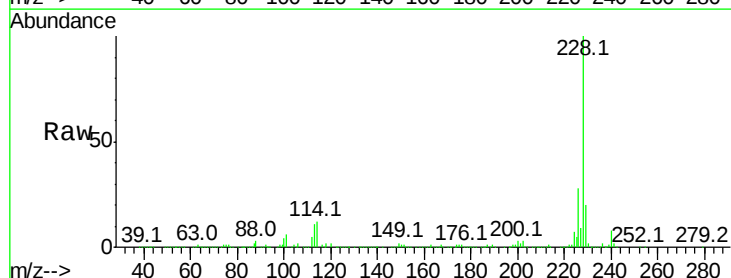
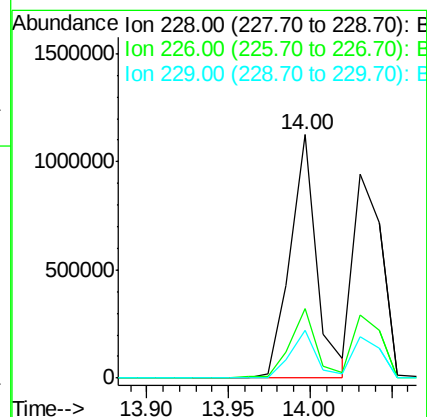
mohammad

2/27/2017 1:07:26 PM



#80
Benzo(a)anthracene
Concen: 36.78 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	19.8	16.2	24.4





#81
 3,3'-Dichlorobenzidine
 Concen: 38.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

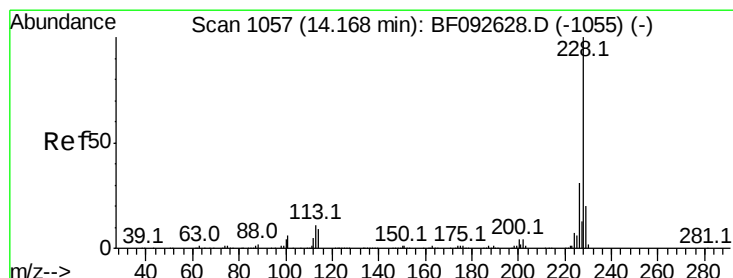
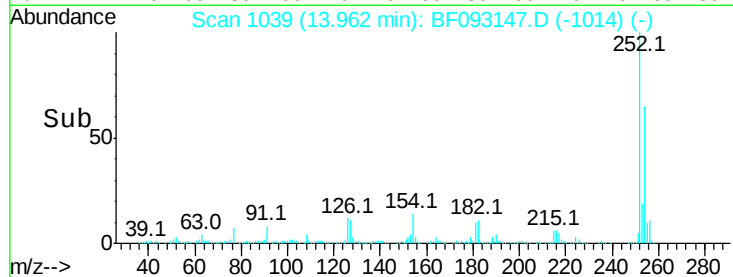
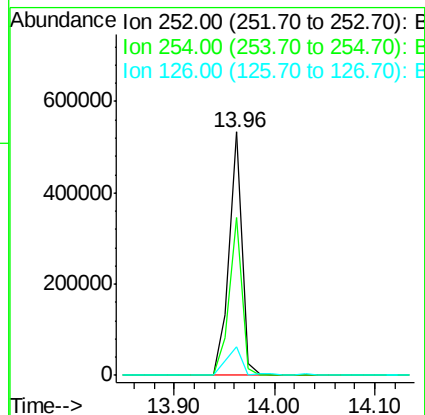
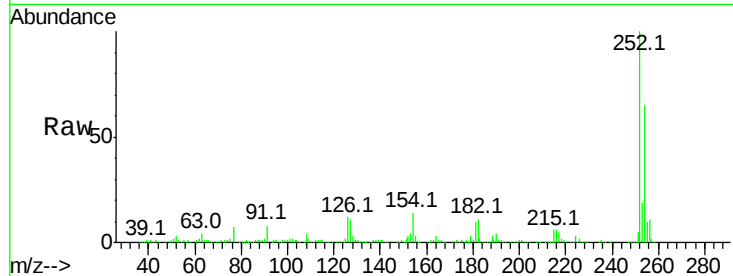
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	481556		
254	65.0	52.3	78.5	
126	12.0	13.6	20.4	

Manual Integrations
 APPROVED

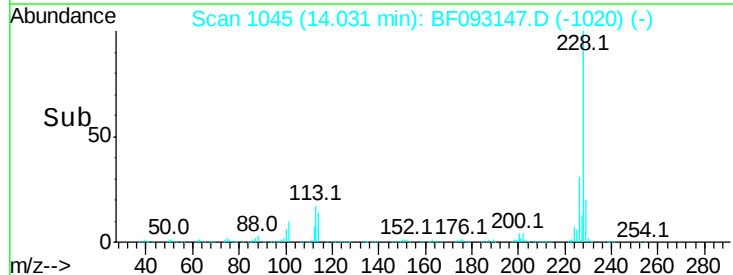
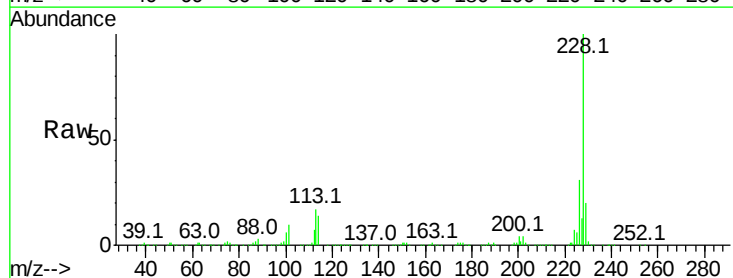
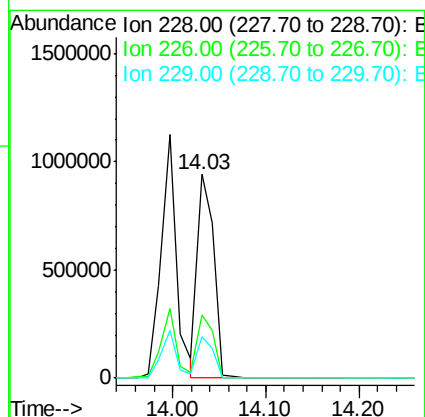
mohammad

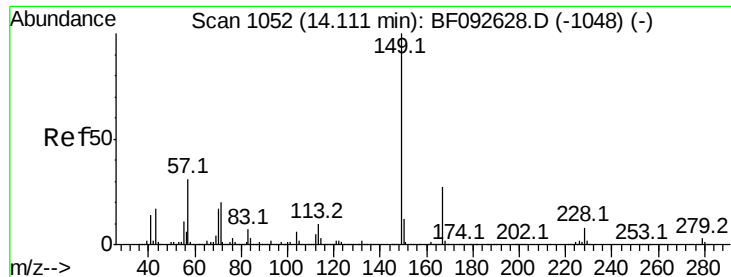
2/27/2017 1:07:26 PM



#82
 Chrysene
 Concen: 35.62 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1160600		
226	30.9	25.4	38.0	
229	20.1	16.2	24.2	





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.11 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

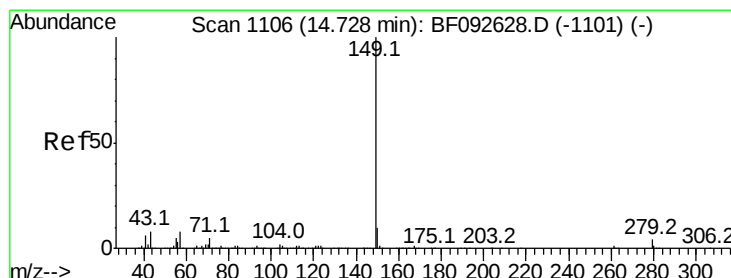
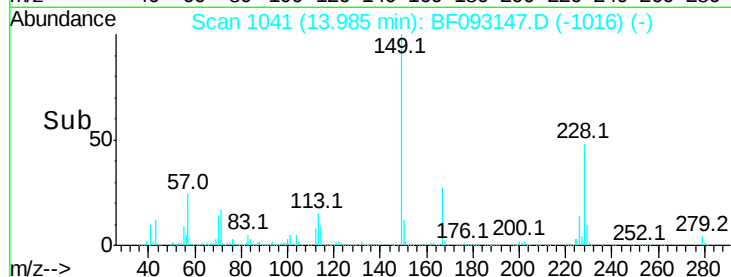
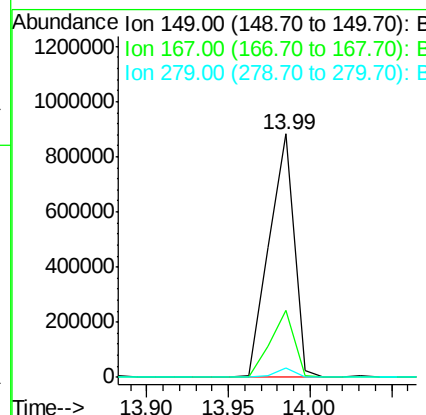
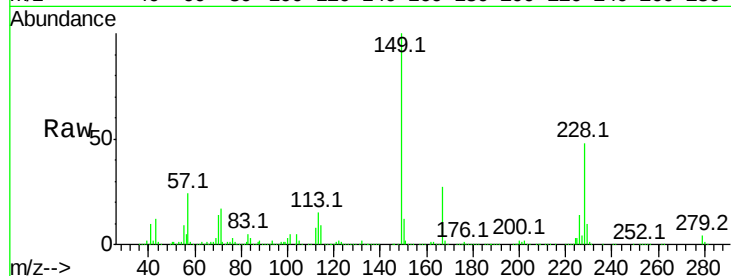
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.2	30.4
279	3.7	1.8	2.8

Manual Integrations
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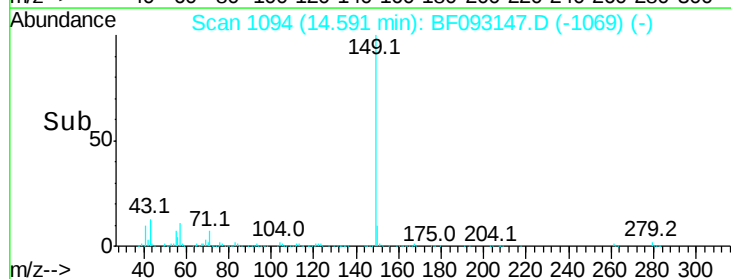
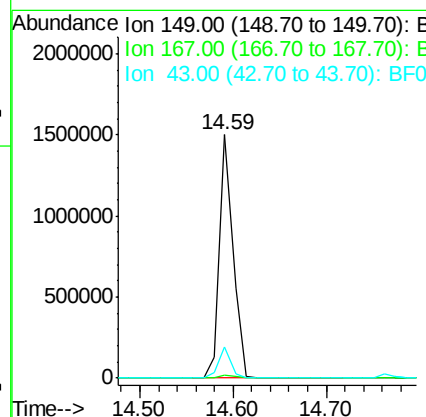
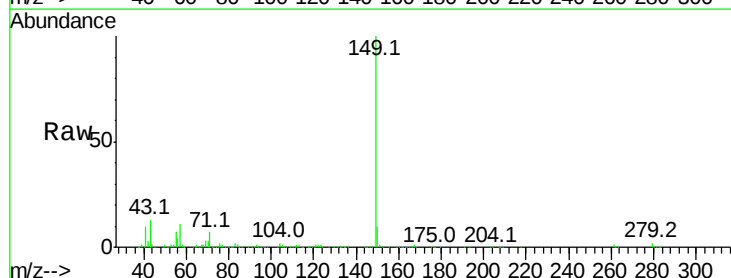
mohammad

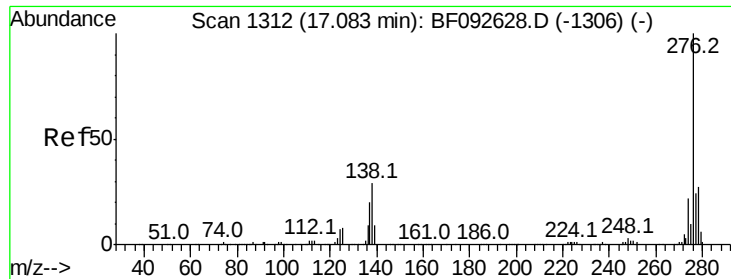
2/27/2017 1:07:26 PM



#84
 Di-n-octyl phthalate
 Concen: 39.36 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	8.9	13.3





#85
Indeno(1,2,3-cd)pyrene
Concen: 36.76 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

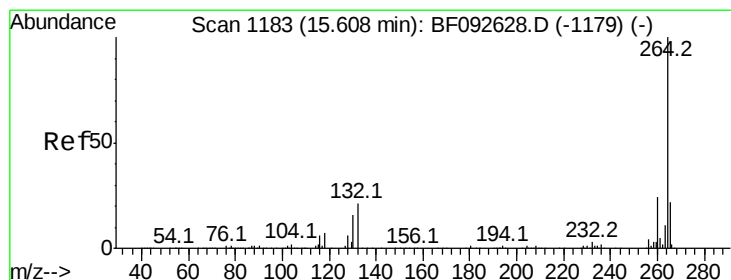
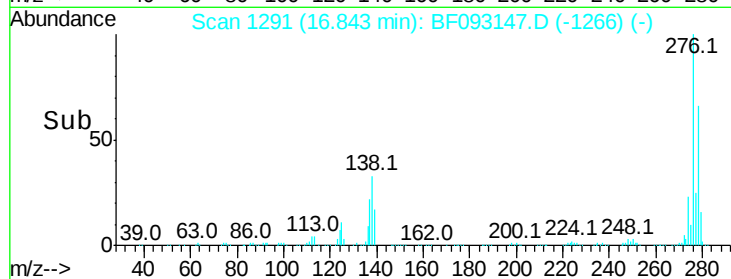
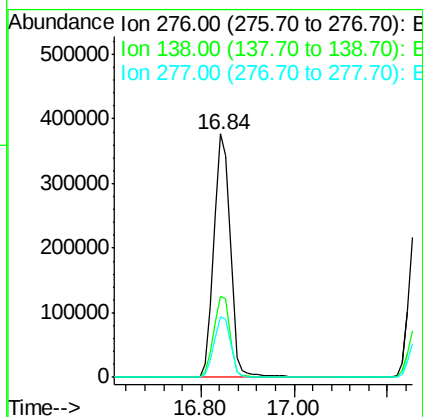
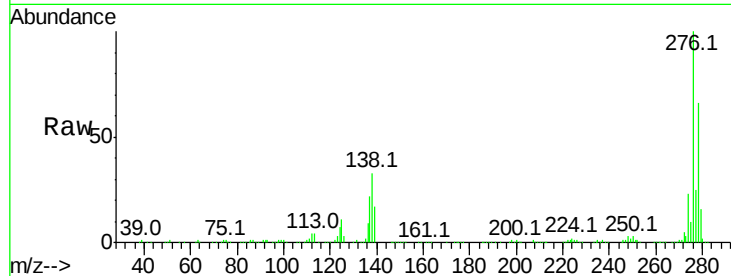
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.4	20.2	30.4

Manual Integrations
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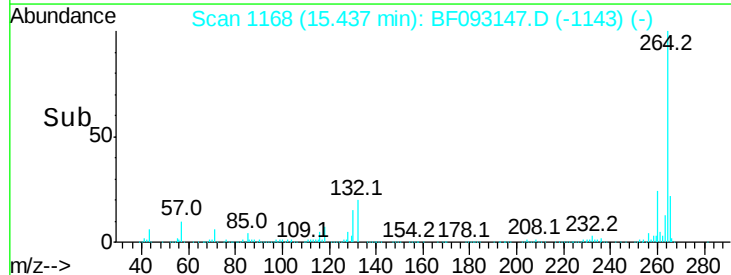
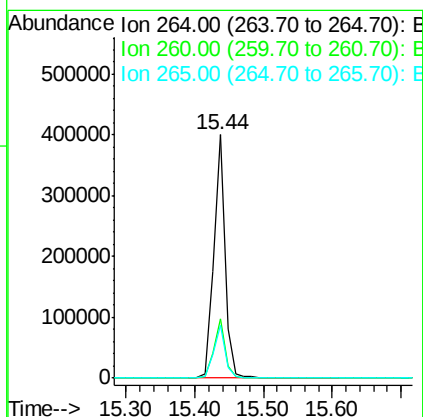
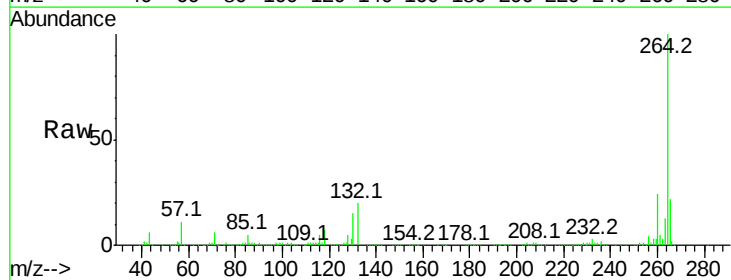
mohammad

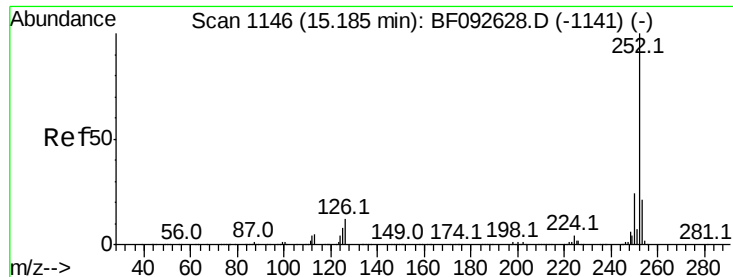
2/27/2017 1:07:26 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0





#87
Benzo(b)fluoranthene
Concen: 35.79 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

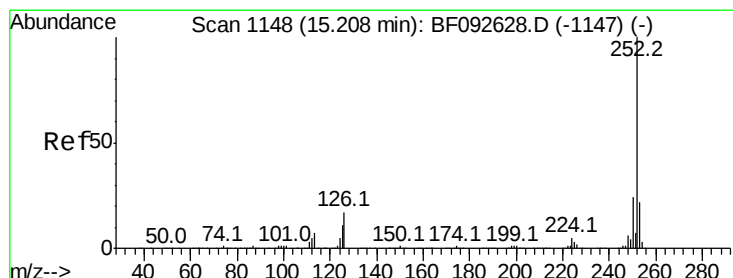
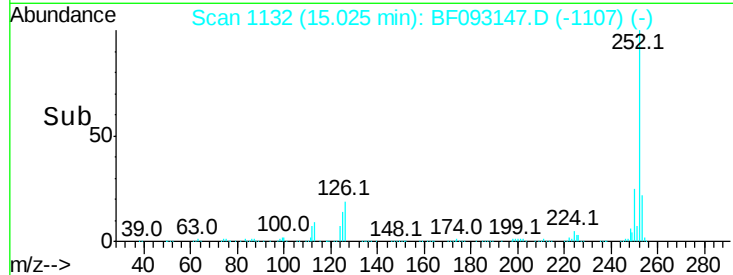
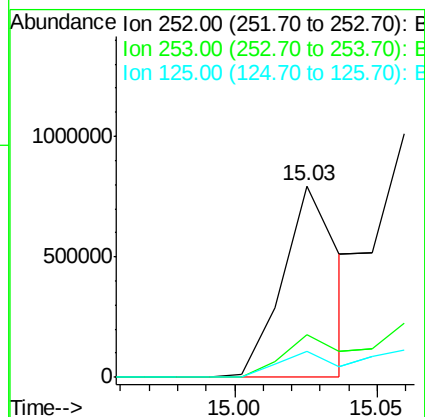
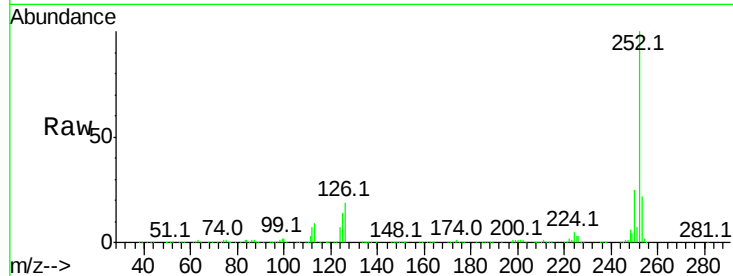
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1103174
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.9 9.8 14.6

Manual Integrations
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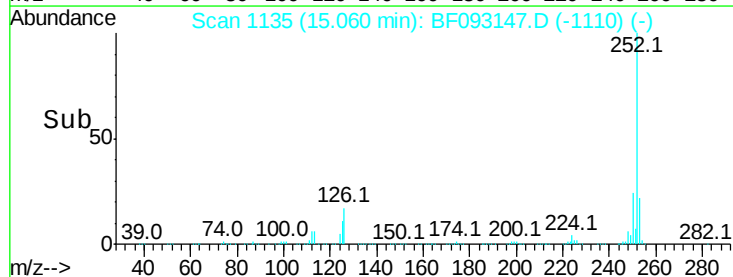
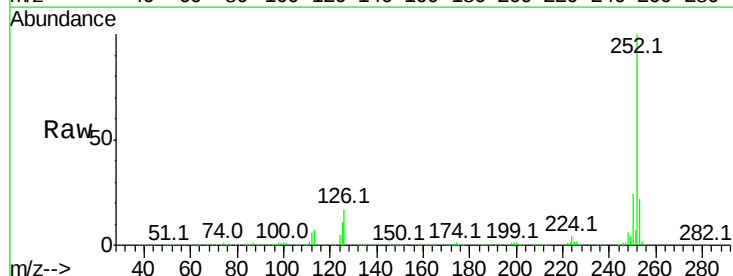
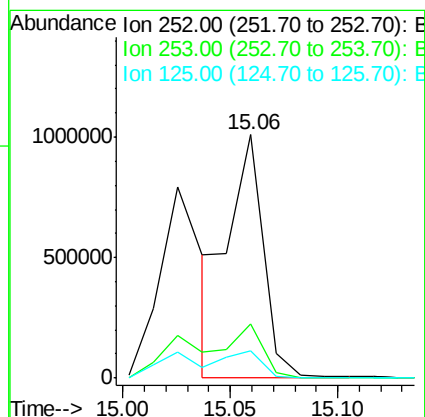
mohammad

2/27/2017 1:07:26 PM



#88
Benzo(k)fluoranthene
Concen: 42.75 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion:252 Resp: 1137734
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 11.3 8.9 13.3





#89
Benzo(a)pyrene
Concen: 38.55 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

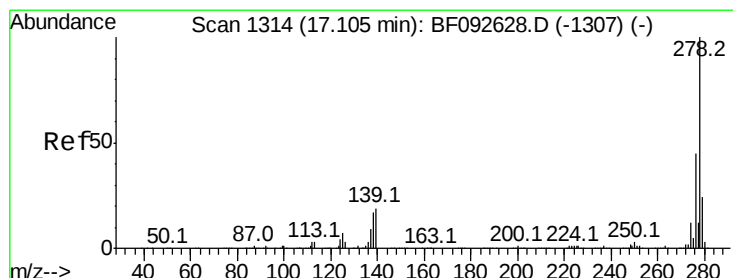
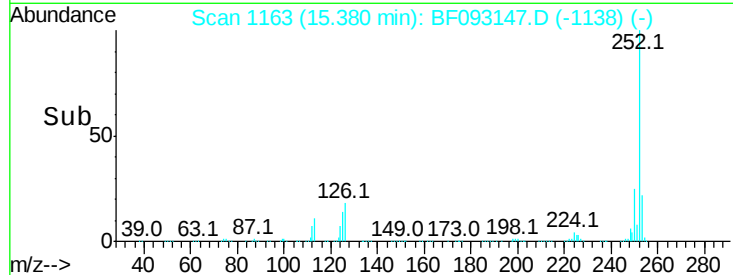
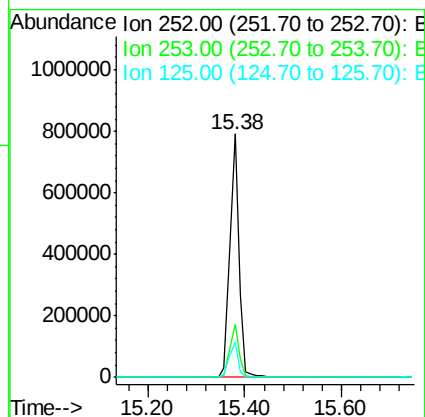
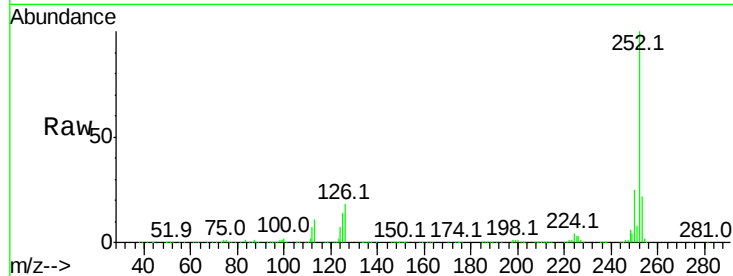
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	14.4	10.0	15.0

Manual Integrations
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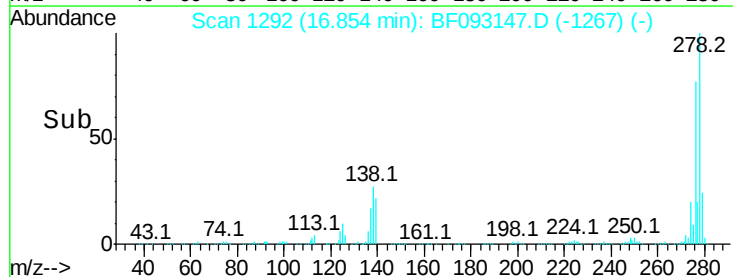
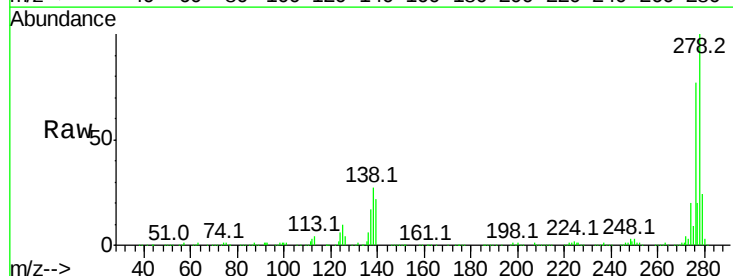
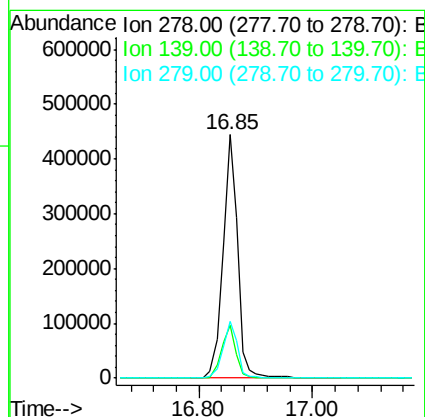
mohammad

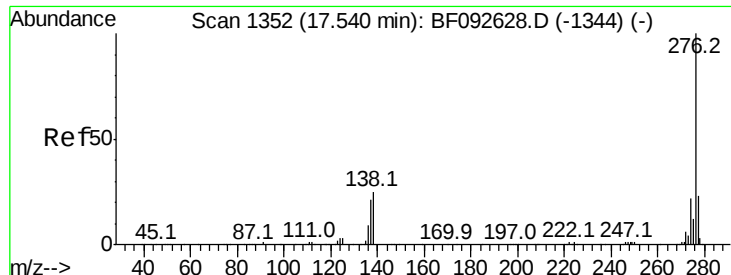
2/27/2017 1:07:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.08 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093147.D
Acq: 24 Feb 2017 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.38 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093147.D
 Acq: 24 Feb 2017 16:19

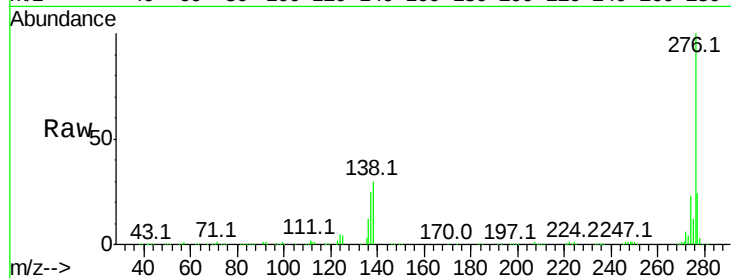
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	30.4	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

