

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093762.D
 Acq On : 20 Mar 2017 13:11
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:15 PM

Quant Time: Mar 20 15:54:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 13:13:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	226007	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	964891	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	431034	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	729505	20.00	ng	0.00
75) Chrysene-d12	13.98	240	452306	20.00	ng	0.00
86) Perylene-d12	15.39	264	472465	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1176727	86.81	ng	0.00
7) Phenol-d6	6.47	99	1522077	90.59	ng	0.00
23) Nitrobenzene-d5	7.41	82	1618551	100.68	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	342806	121.52	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2301700	100.77	ng	0.00
78) Terphenyl-d14	12.94	244	2103458	100.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	327389	46.77	ng	98
3) Pyridine	3.14	79	922338	48.17	ng	99
4) n-Nitrosodimethylamine	3.09	42	390899	46.66	ng	97
6) Aniline	6.49	93	1119537	46.61	ng	# 88
8) 2-Chlorophenol	6.62	128	685960	45.51	ng	94
9) Benzaldehyde	6.38	77	552896	56.83	ng	97
10) Phenol	6.48	94	812118	41.34	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	665672	43.00	ng	97
12) 1,3-Dichlorobenzene	6.78	146	758265	45.41	ng	98
13) 1,4-Dichlorobenzene	6.86	146	833643	48.75	ng	98
14) 1,2-Dichlorobenzene	7.02	146	685294m	42.86	ng	
15) Benzyl Alcohol	6.98	79	617186	49.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1145687	46.94	ng	99
17) 2-Methylphenol	7.10	107	628568	48.18	ng	97
18) Hexachloroethane	7.36	117	298224	49.09	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	536000	48.05	ng	# 91
20) 3+4-Methylphenols	7.25	107	721622	46.65	ng	95
22) Acetophenone	7.26	105	968287	45.04	ng	# 89
24) Nitrobenzene	7.42	77	744515	42.84	ng	96
25) Isophorone	7.67	82	1461135	47.22	ng	95
26) 2-Nitrophenol	7.74	139	383809	58.33	ng	94
27) 2,4-Dimethylphenol	7.78	122	725166	48.16	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	856395	43.84	ng	99
29) 2,4-Dichlorophenol	7.98	162	588488	45.49	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	634718	47.07	ng	99
31) Naphthalene	8.15	128	2179535	46.33	ng	99
32) Benzoic acid	7.91	122	474337	60.20	ng	98
33) 4-Chloroaniline	8.20	127	936439	47.53	ng	# 91
34) Hexachlorobutadiene	8.28	225	333392	47.21	ng	98
35) Caprolactam	8.57	113	193272	44.51	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	619507	45.48	ng	87
37) 2-Methylnaphthalene	8.84	142	1300780	42.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	559857	55.47	ng	99
40) Hexachlorocyclopentadiene	9.00	237	277092	54.95	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	412684	55.45	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	422493	55.06	nq	# 85
45) 1,1'-Biphenyl	9.30	154	1570719	51.97	nq	98
46) 2-Chloronaphthalene	9.33	162	1306389	53.87	nq	96
47) 2-Nitroaniline	9.42	65	408691	58.25	nq	# 65
48) Acenaphthylene	9.74	152	1963410	49.65	nq	99
49) Dimethylphthalate	9.60	163	1461624	51.92	nq	99
50) 2,6-Dinitrotoluene	9.66	165	315126	51.82	nq	# 78
51) Acenaphthene	9.91	154	1151662	49.41	nq	99
52) 3-Nitroaniline	9.83	138	437844	60.68	nq	# 75
53) 2,4-Dinitrophenol	9.92	184	133103	73.45	nq	# 44
54) Dibenzofuran	10.08	168	1614137	50.94	nq	98
55) 4-Nitrophenol	9.98	139	295356	54.26	nq	# 65
56) 2,4-Dinitrotoluene	10.06	165	411724	50.86	nq	# 78
57) Fluorene	10.42	166	1245806	48.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	279537	52.98	nq	96
59) Diethylphthalate	10.30	149	1424306	53.15	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	509067	47.01	nq	99
61) 4-Nitroaniline	10.44	138	320945	47.80	nq	91
62) Azobenzene	10.57	77	1397494	51.62	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	243453	76.34	nq	# 54
65) n-Nitrosodiphenylamine	10.54	169	1242371	50.45	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	339267	49.20	nq	97
67) Hexachlorobenzene	10.97	284	358578	49.75	nq	# 93
68) Atrazine	11.06	200	390459	55.06	nq	95
69) Pentachlorophenol	11.16	266	217880	52.76	nq	99
70) Phenanthrene	11.37	178	1781300	43.19	nq	100
71) Anthracene	11.43	178	1852730	45.91	nq	100
72) Carbazole	11.58	167	1708620	40.45	nq	100
73) Di-n-butylphthalate	11.92	149	2015433	46.67	nq	99
74) Fluoranthene	12.56	202	1912685	47.85	nq	99
76) Benzidine	12.68	184	993757	56.23	nq	98
77) Pyrene	12.79	202	2017226	52.44	nq	100
79) Butylbenzylphthalate	13.41	149	850499	52.05	nq	# 74
80) Benzo(a)anthracene	13.97	228	1440475	49.62	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	535092	52.55	nq	98
82) Chrysene	14.01	228	1527063	54.43	nq	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1066469	59.36	nq	# 99
84) Di-n-octyl phthalate	14.59	149	2027915	61.22	nq	99
85) Indeno(1,2,3-cd)pyrene	16.75	276	1198675	50.45	nq	99
87) Benzo(b)fluoranthene	14.99	252	1732352m	57.84	nq	
88) Benzo(k)fluoranthene	15.02	252	930857m	35.17	nq	
89) Benzo(a)pyrene	15.33	252	1233171	46.59	nq	97
90) Dibenzo(a,h)anthracene	16.77	278	1026884	45.85	nq	96
91) Benzo(g,h,i)perylene	17.17	276	1015307	44.58	nq	94

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

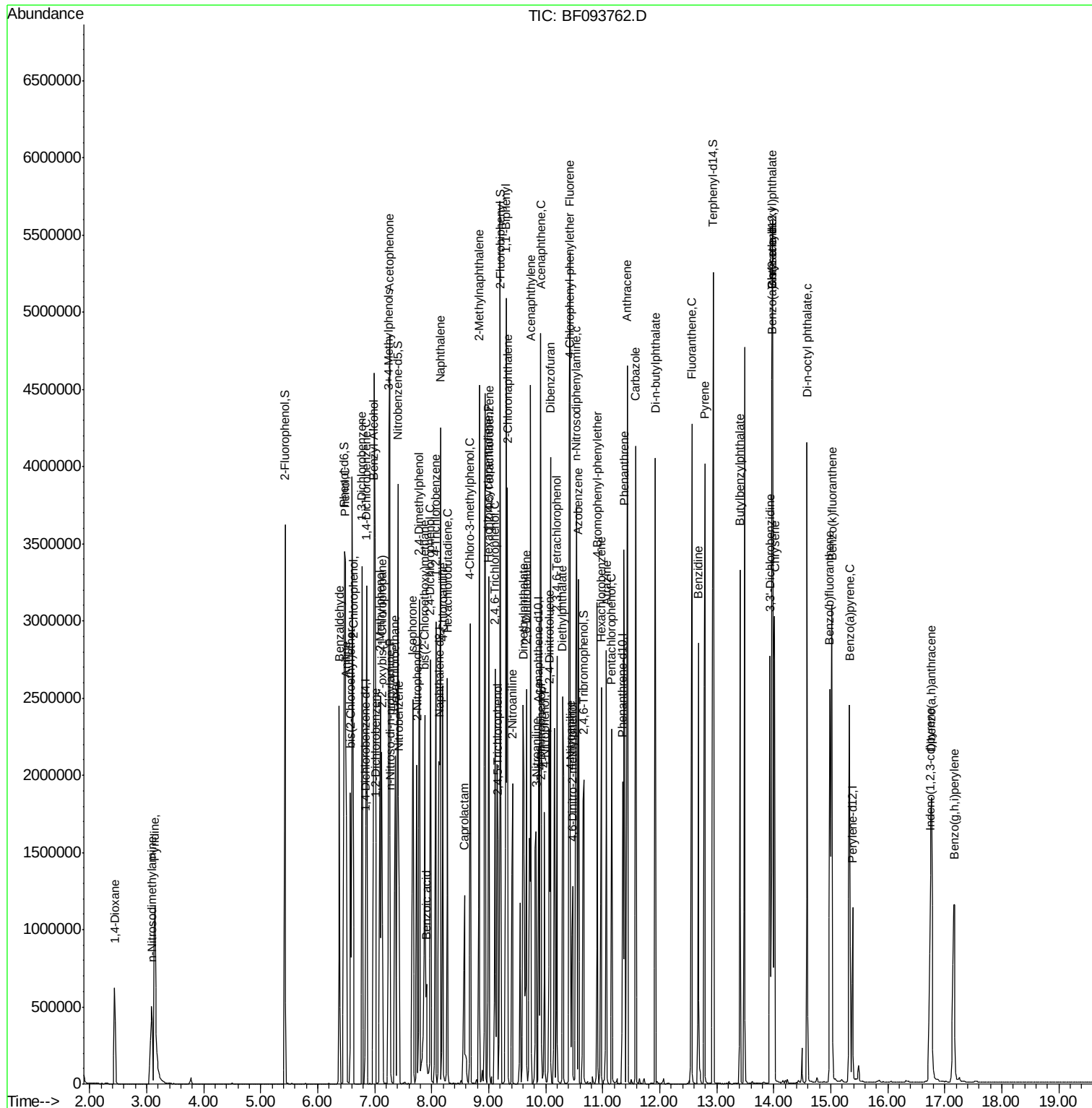
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\  
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Acq On    : 20 Mar 2017   13:11  
Operator  : SJ/MA  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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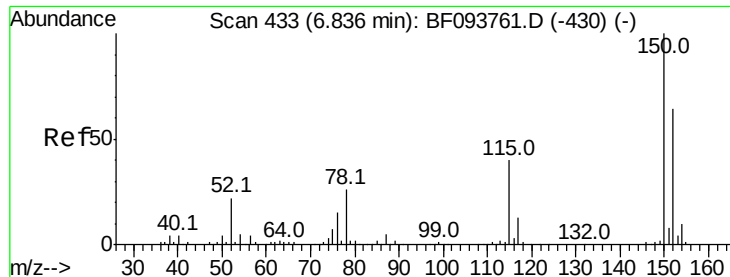
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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#1

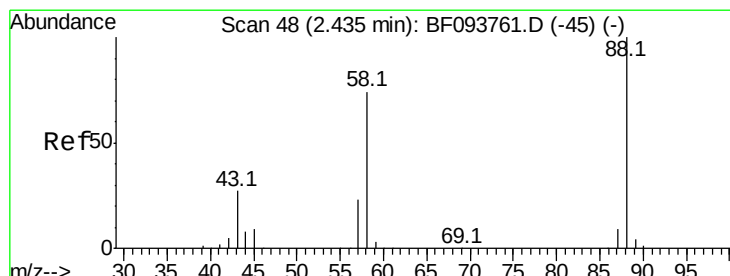
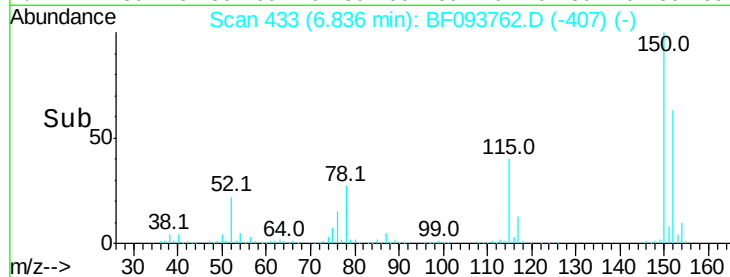
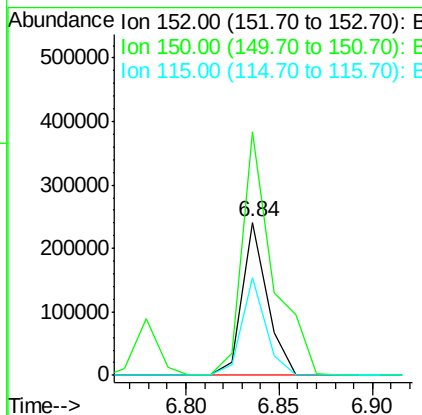
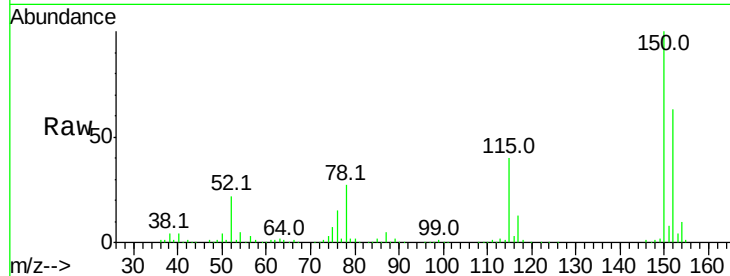
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	64.1	52.2	78.2

Manual Integrations
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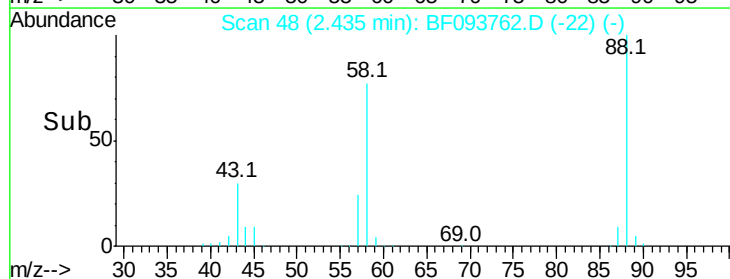
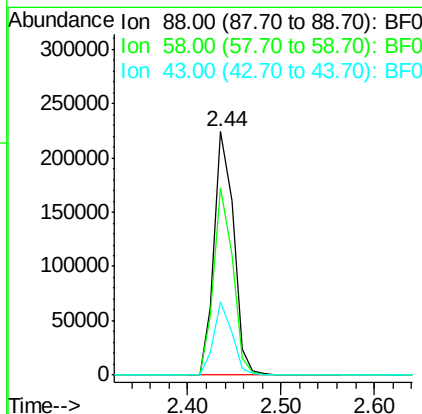
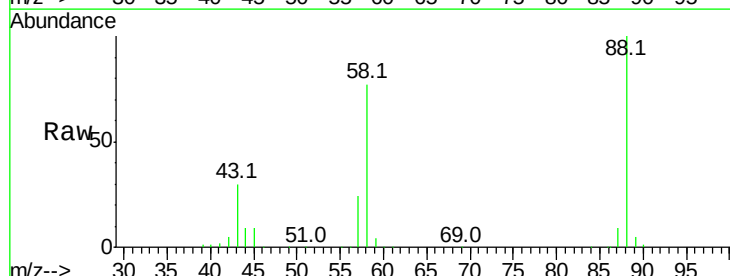
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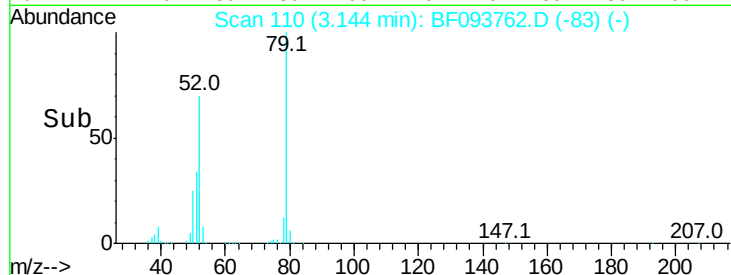
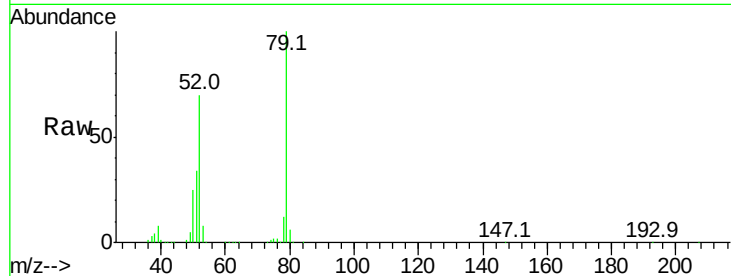
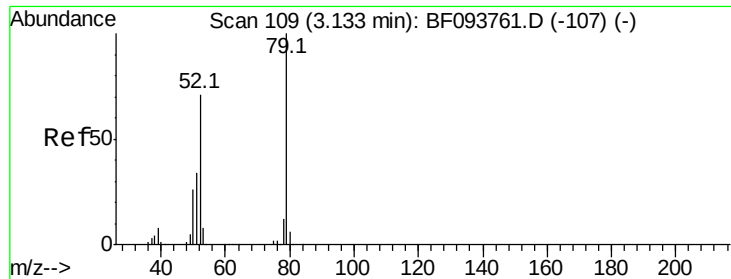


#2

1,4-Dioxane
Concen: 46.77 ng
RT: 2.44 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	61.4	92.0
43	28.2	23.4	35.0





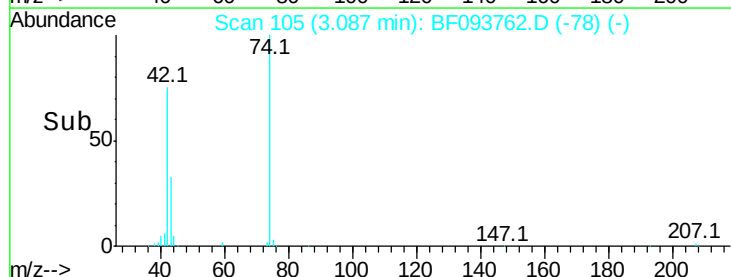
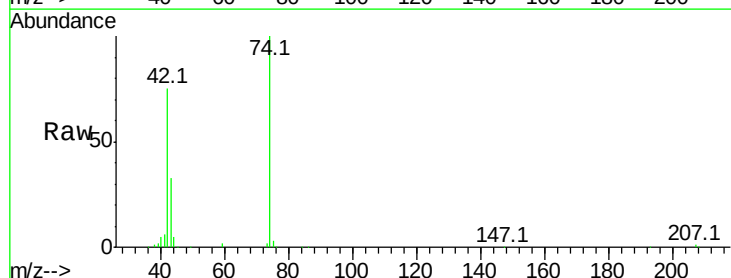
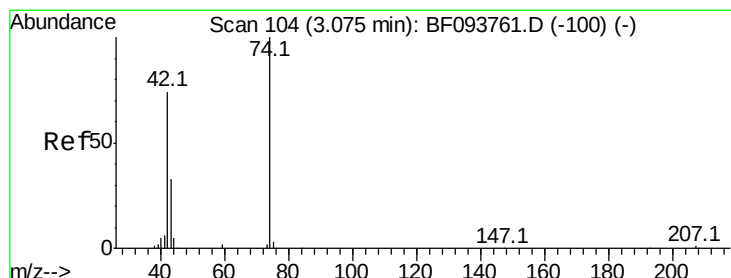
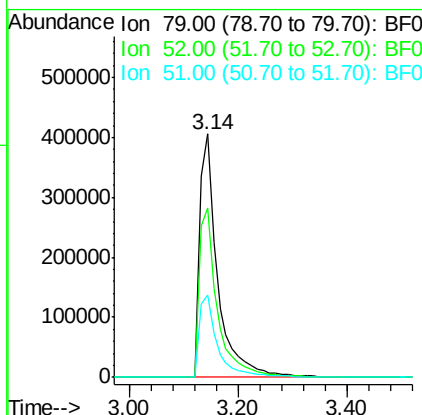
#3
Pvridine
Concen: 48.17 ng
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	54.8	82.2
51	34.1	27.0	40.4

Instrument :
BNA_F
ClientSampled :
SSTDIC050

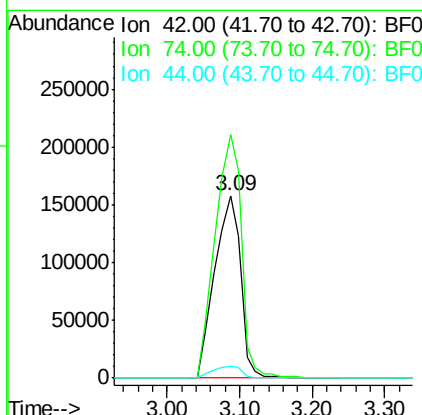
Manual Integrations
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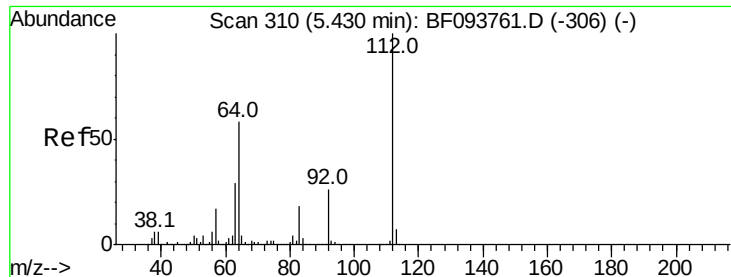
mohammad
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#4
n-Nitrosodimethylamine
Concen: 46.66 ng
RT: 3.09 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.2	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 86.81 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:112 Resp: 1176727

Ion Ratio Lower Upper

112 100

64 60.3 46.0 69.0

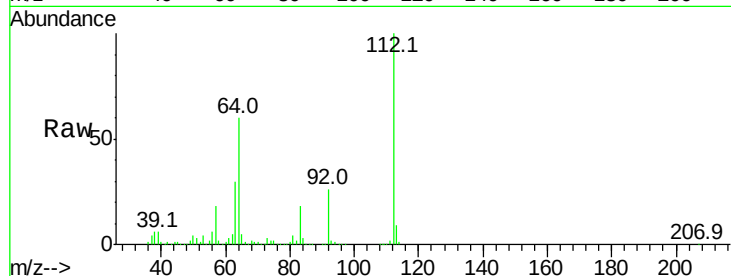
63 30.3 23.4 35.0

Manual Integrations

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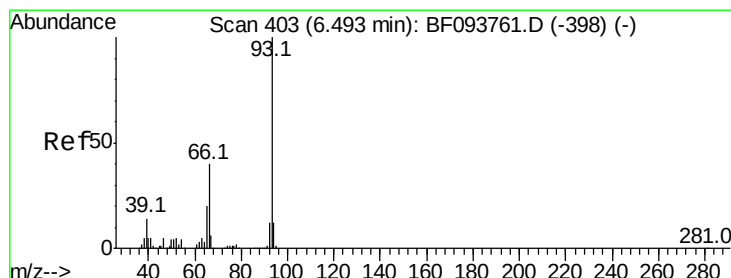
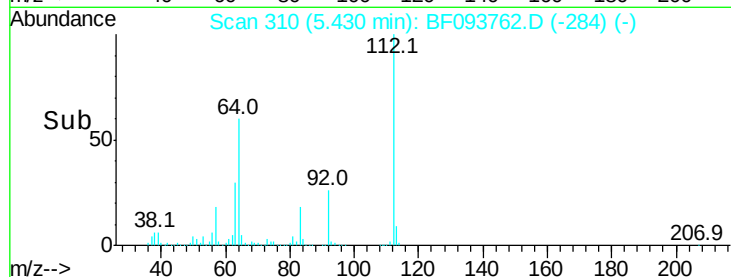
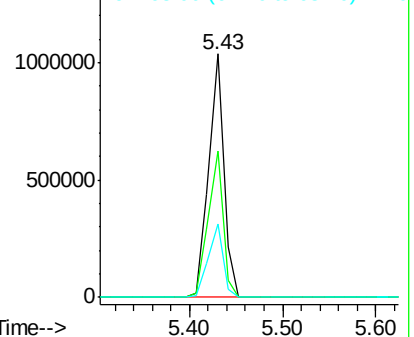
3/21/2017 2:45:15 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.61 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

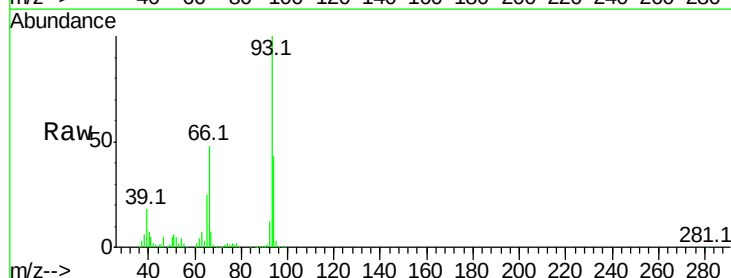
Tgt Ion: 93 Resp: 1119537

Ion Ratio Lower Upper

93 100

66 48.4 32.9 49.3

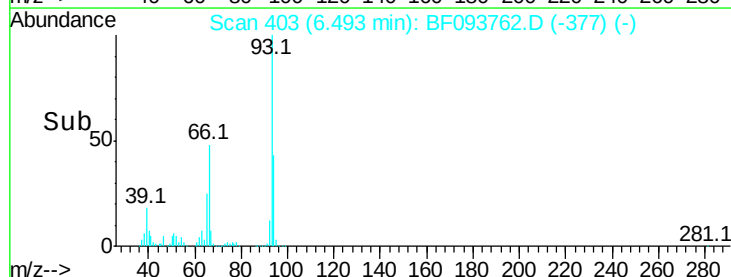
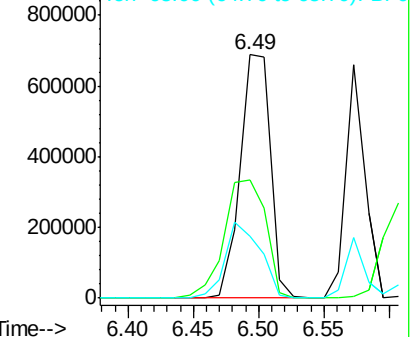
65 25.5 16.0 24.0#

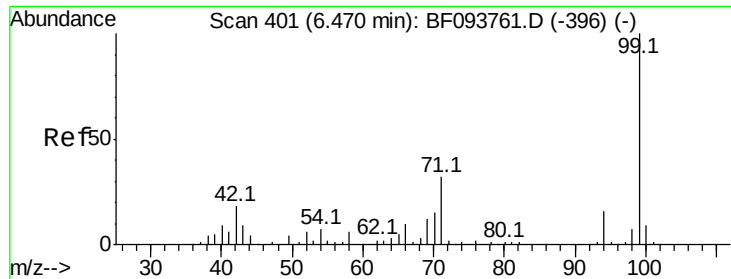


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.59 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1522077

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

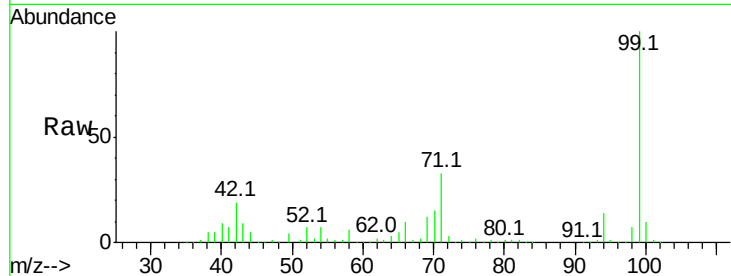
71 32.7 24.5 36.7

Manual Integrations

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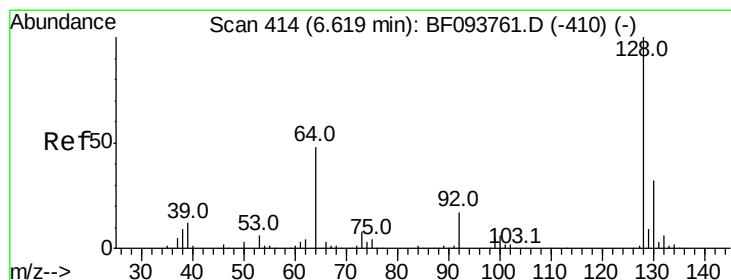
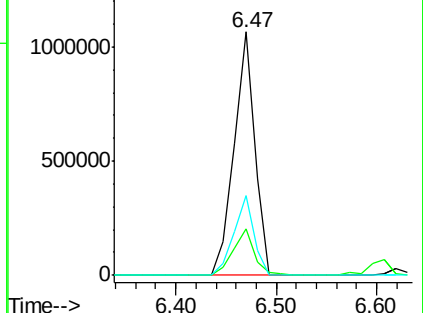
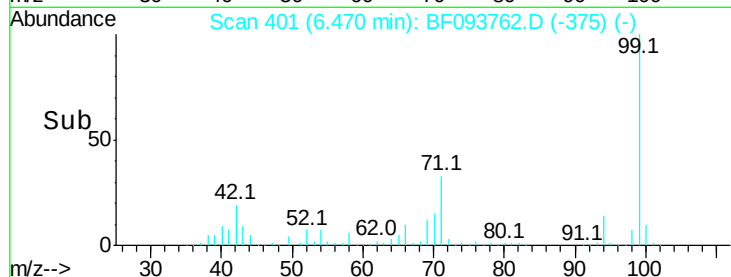
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.51 ng

RT: 6.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

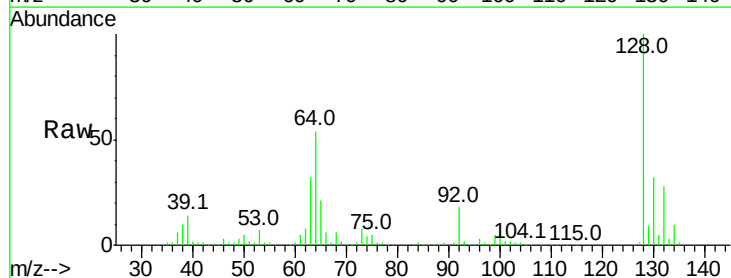
Tgt Ion:128 Resp: 685960

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

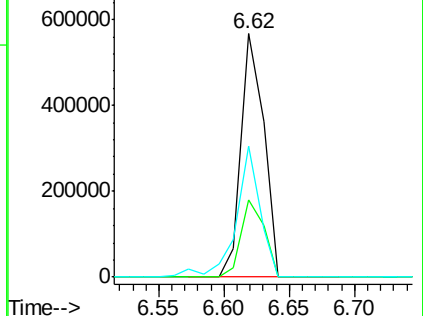
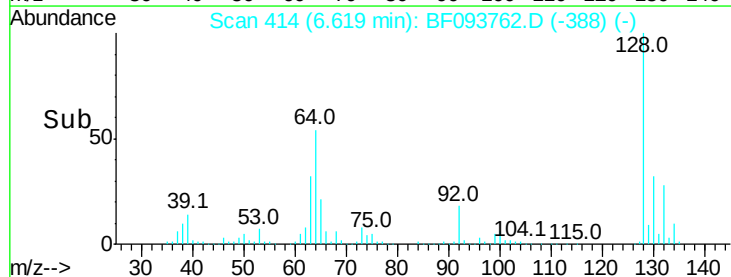
64 53.9 28.4 68.4

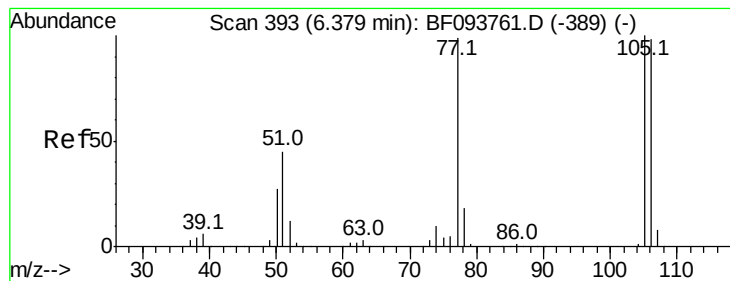


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 56.83 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

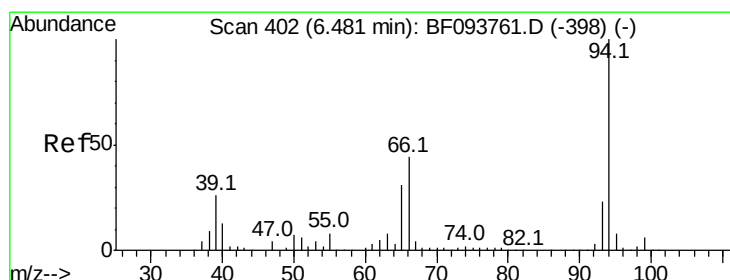
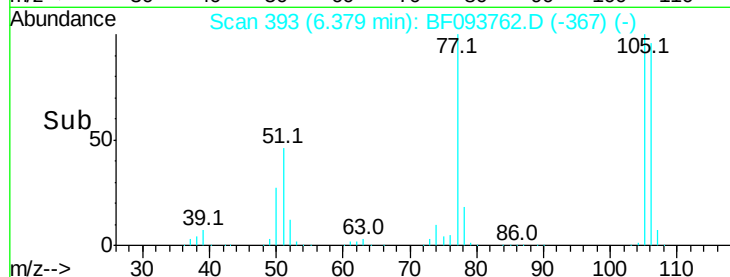
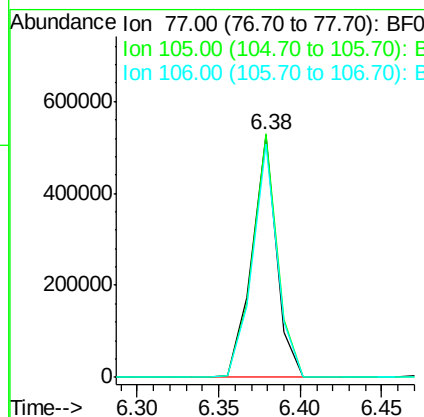
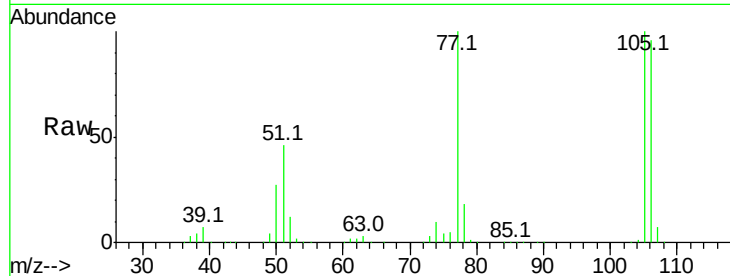
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	552896
Ion Ratio	Lower	Upper	
77	100		
105	100.2	83.8	123.8
106	95.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 41.34 ng

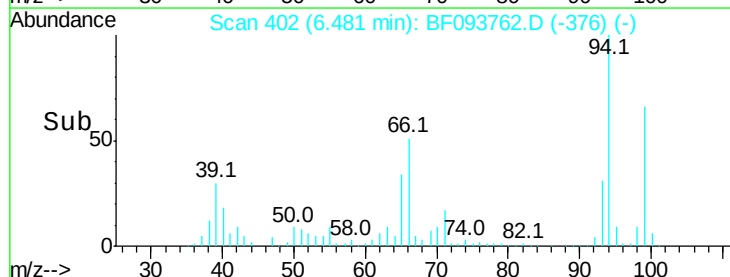
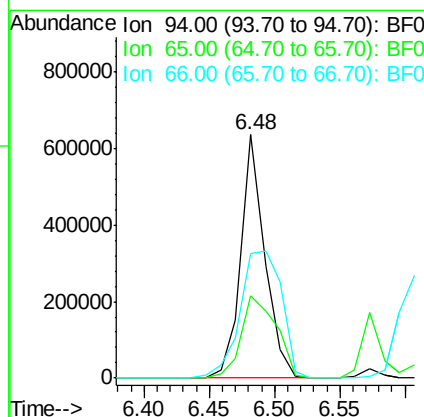
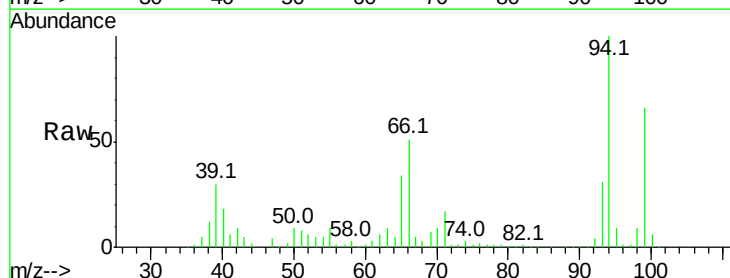
RT: 6.48 min Scan# 402

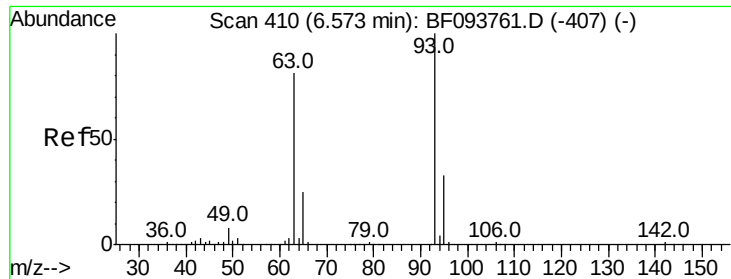
Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:	94	Resp:	812118
Ion Ratio	Lower	Upper	
94	100		
65	34.0	9.9	49.9
66	51.1	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.00 ng

RT: 6.57 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

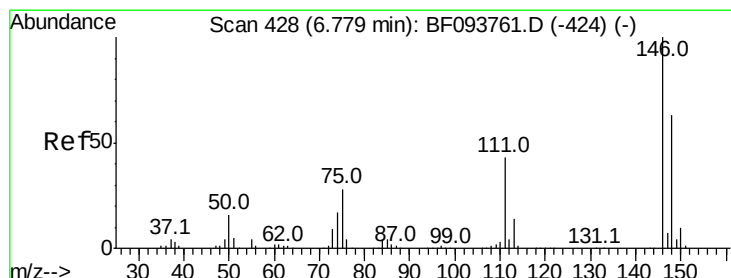
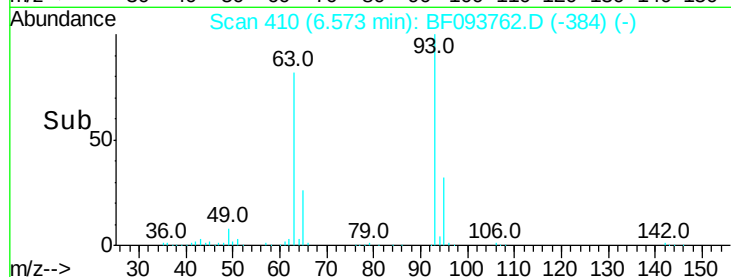
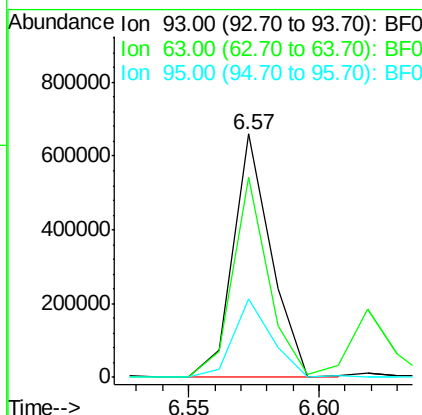
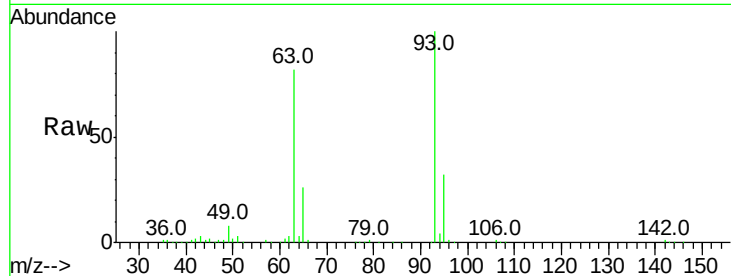
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	665672
Ion Ratio	Lower	Upper	
93	100		
63	82.3	59.2	99.2
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 45.41 ng

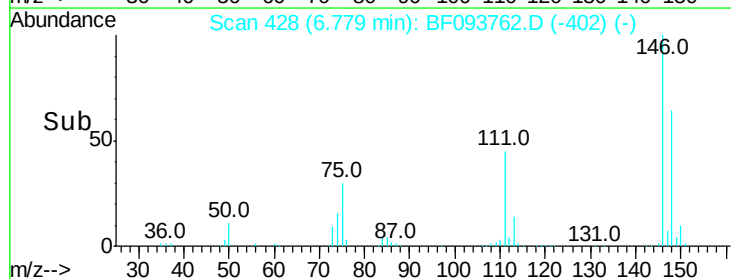
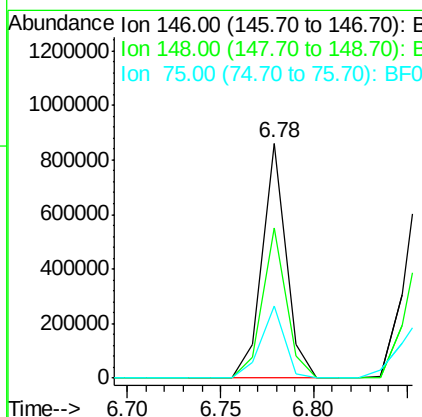
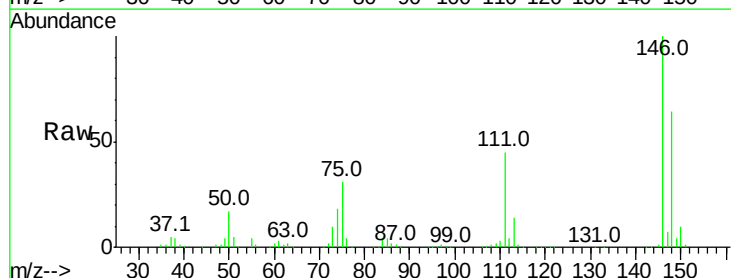
RT: 6.78 min Scan# 428

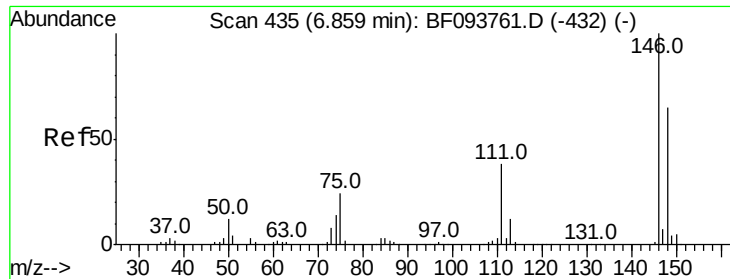
Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:	146	Resp:	758265
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	30.6	23.1	34.7





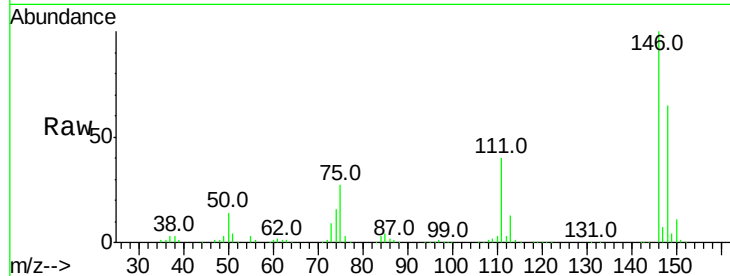
#13
1,4-Dichlorobenzene
Concen: 48.75 ng
RT: 6.86 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	40.3	30.3	45.5

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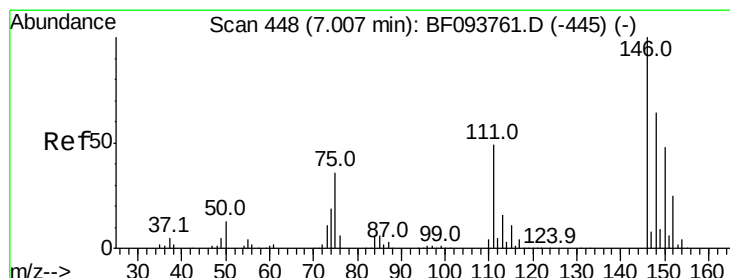
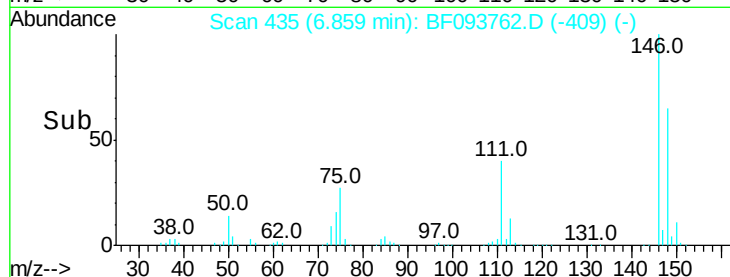
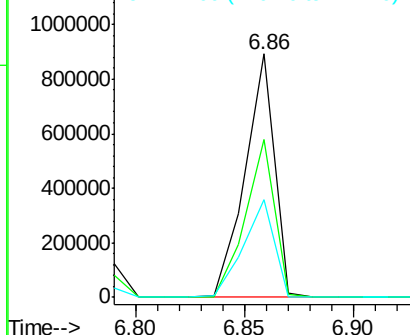


Abundance

Ion 146.00 (145.70 to 146.70): E

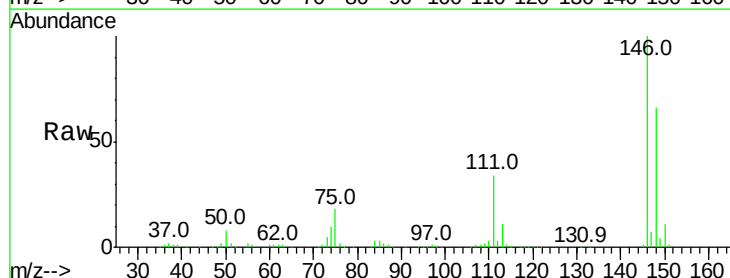
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 42.86 ng m
RT: 7.02 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.4	75.6
111	34.4	38.2	57.4

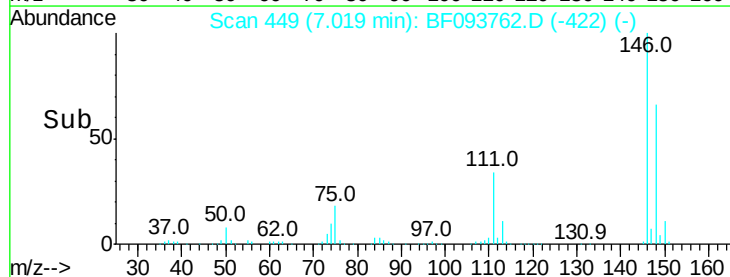
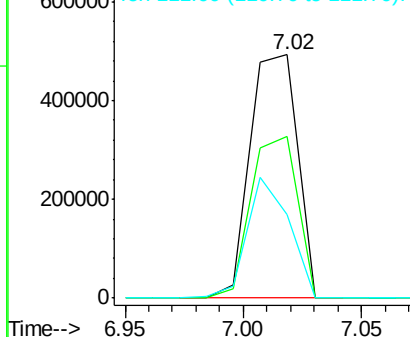


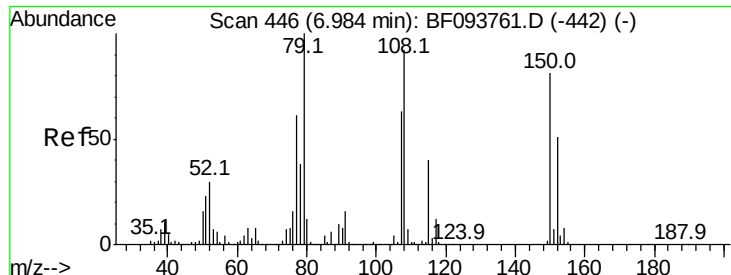
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





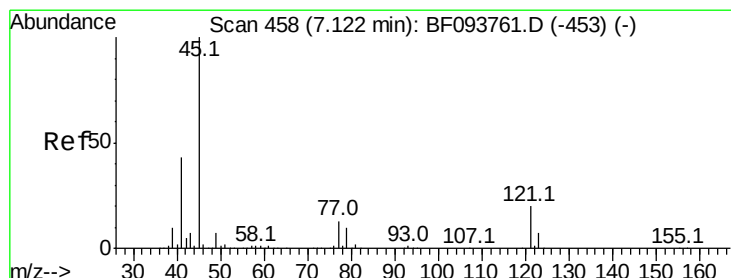
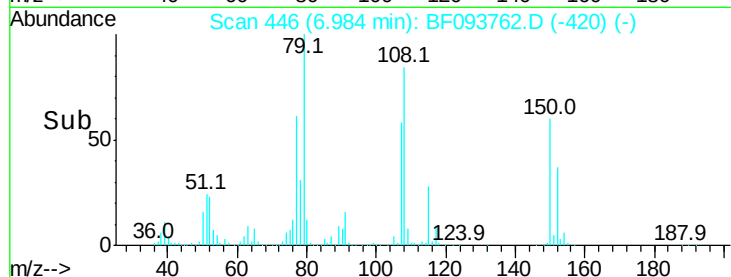
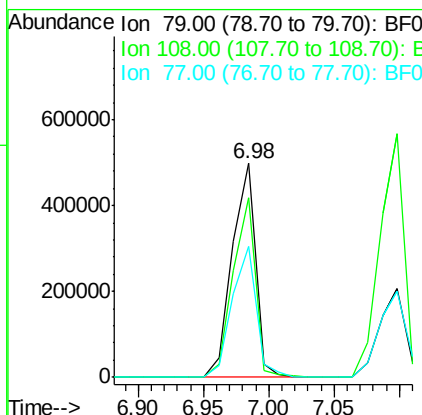
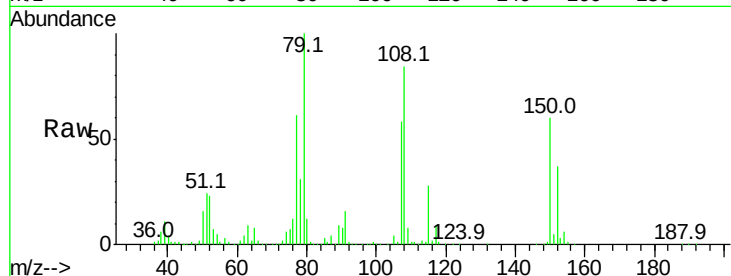
#15
Benzyl Alcohol
Concen: 49.07 ng
RT: 6.98 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	63.4	95.0
77	61.1	49.2	73.8

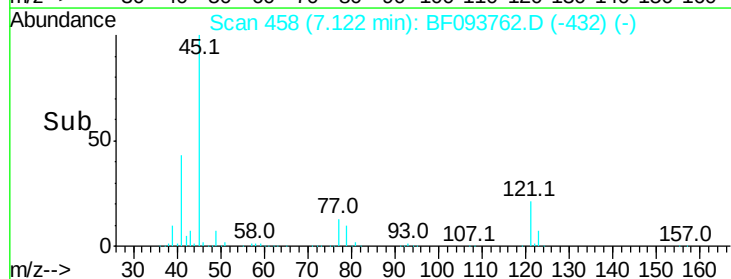
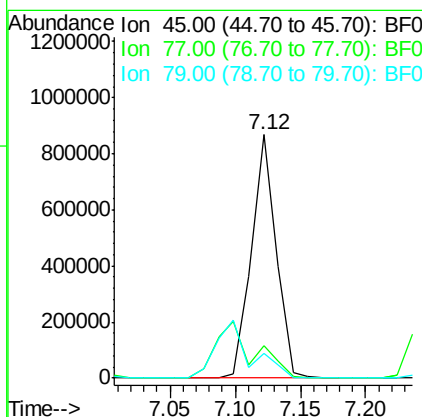
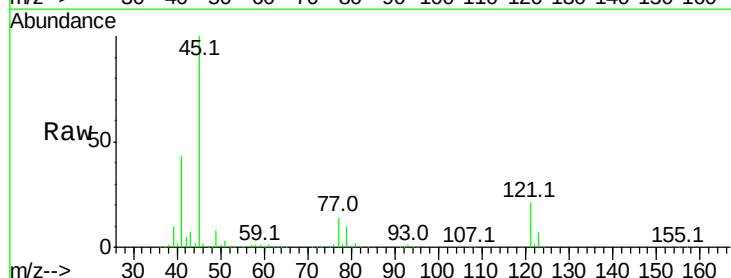
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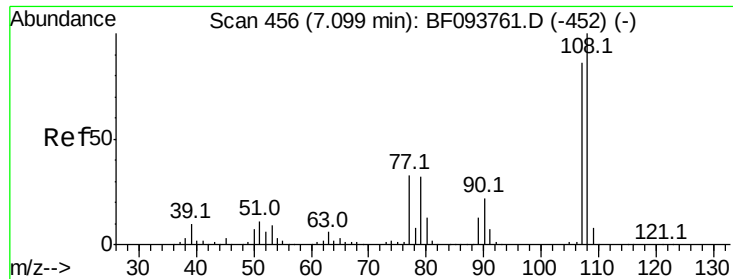
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.94 ng
RT: 7.12 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.2
79	10.0	0.0	30.0





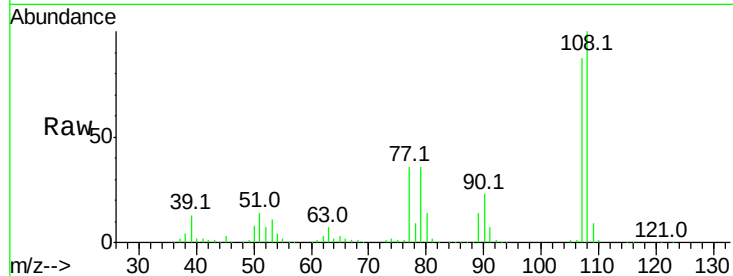
#17
2-Methylphenol
Concen: 48.18 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

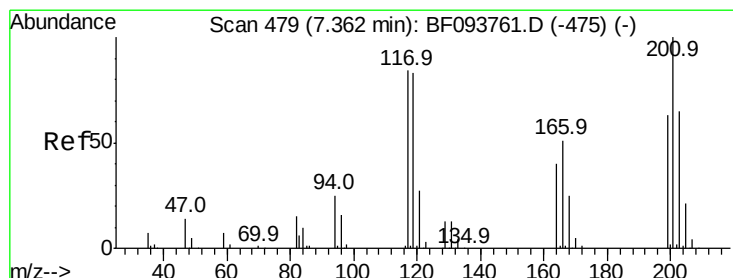
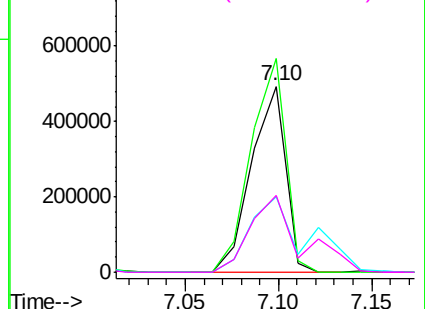
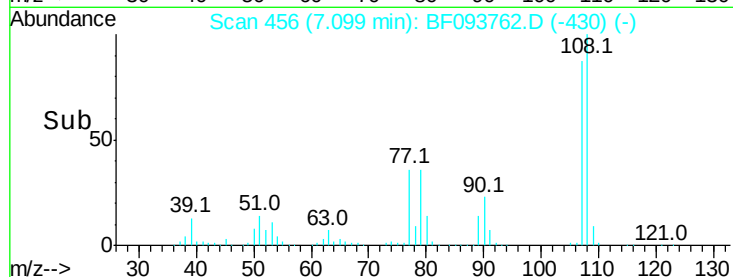
Tot Ion	107	Resp	628568
Ion Ratio	Lower	Upper	
107	100		
108	115.0	93.4	140.0
77	40.8	35.8	53.6
79	41.6	34.8	52.2

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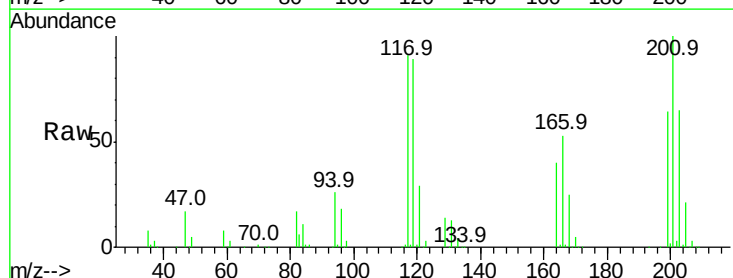


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

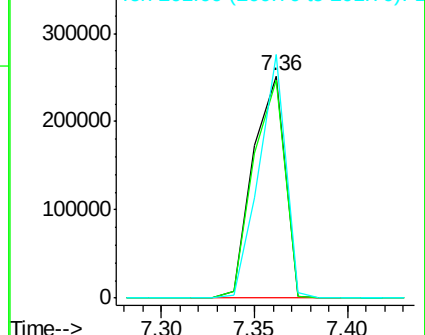
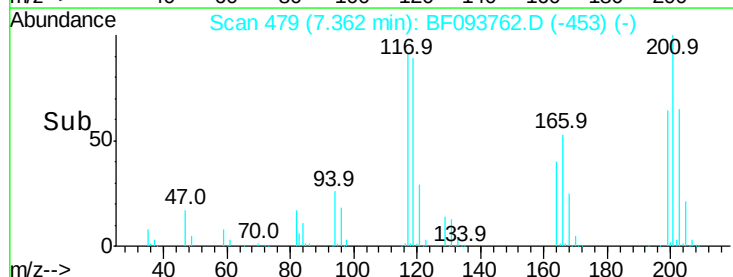


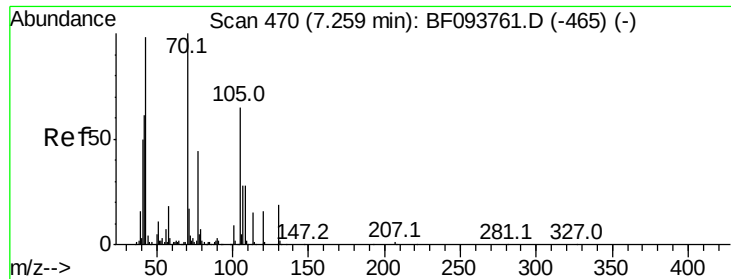
#18
Hexachloroethane
Concen: 49.09 ng
RT: 7.36 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	117	Resp	298224
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.4	116.0
201	109.4	94.6	141.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





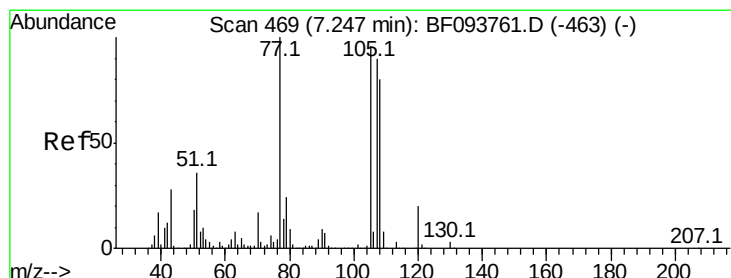
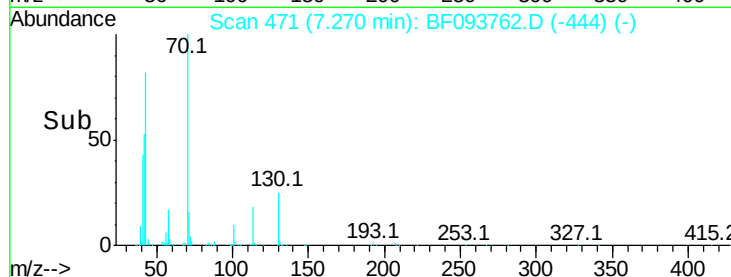
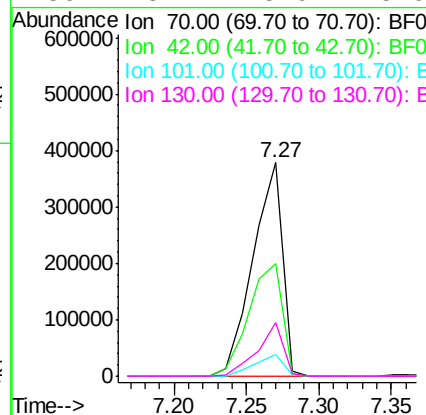
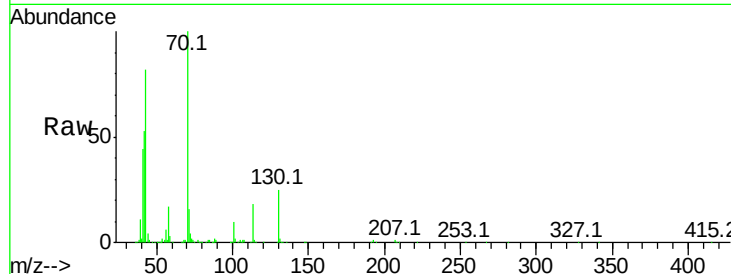
#19
n-Nitroso-di-n-propylamine
Concen: 48.05 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	10.4	7.2	10.8
130	25.1	15.9	23.9

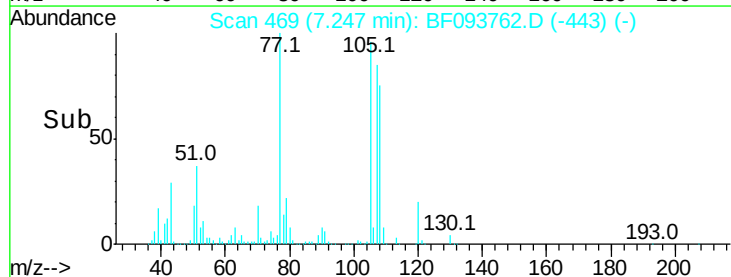
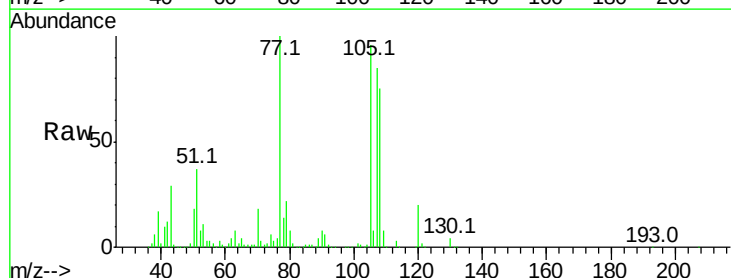
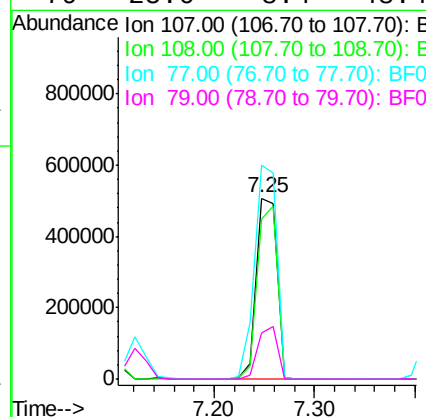
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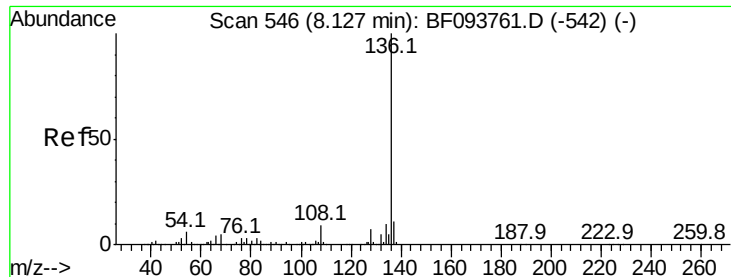
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#20
3+4-Methylphenols
Concen: 46.65 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.0	111.0
77	118.2	90.5	130.5
79	25.6	8.4	48.4





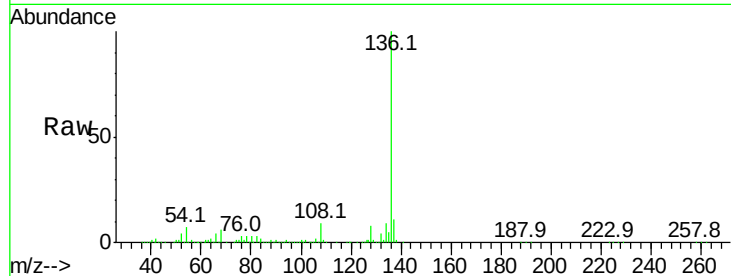
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

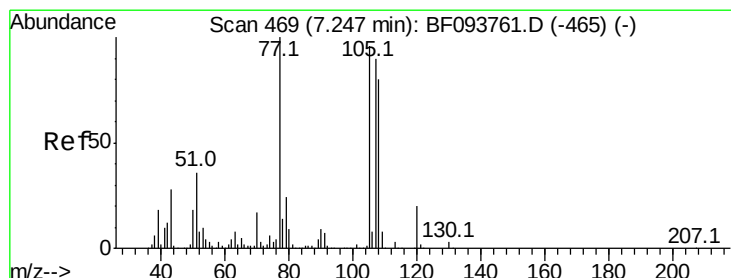
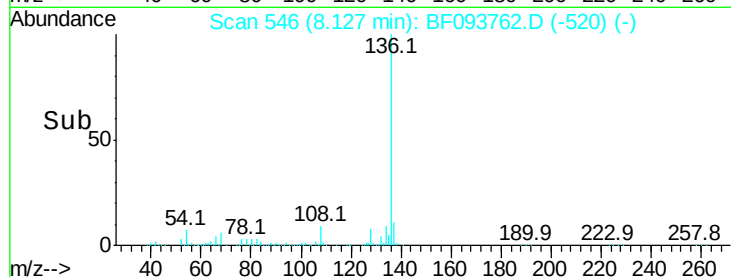
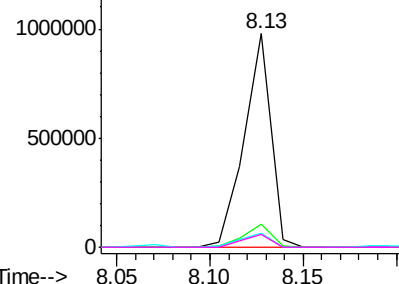
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.7	4.9	7.3	
68	5.8	4.1	6.1	

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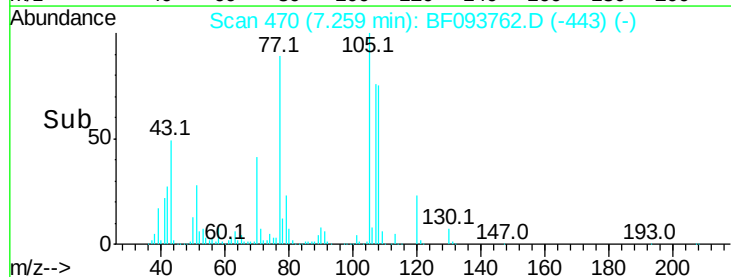
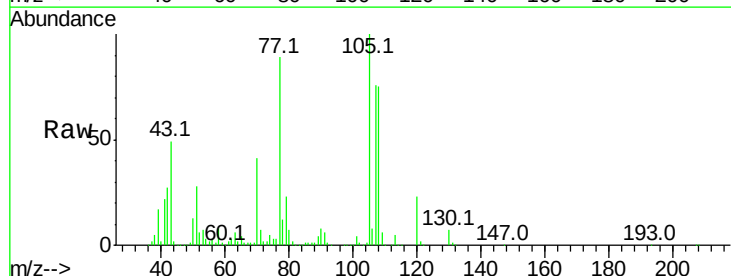
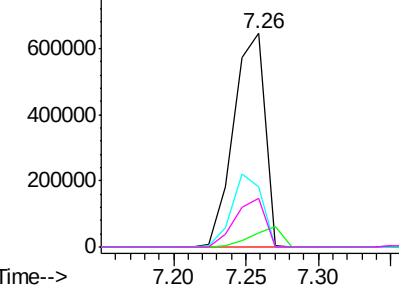
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

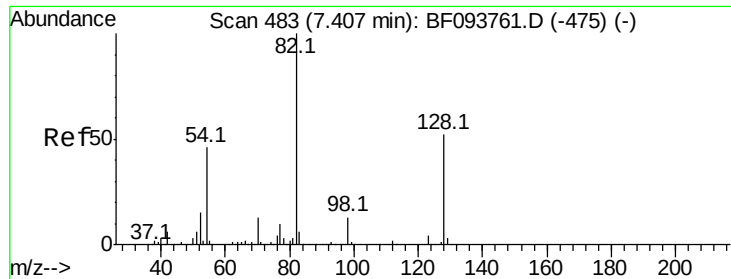


#22
Acetophenone
Concen: 45.04 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	2.8	4.2#	
51	28.2	30.7	46.1#	
120	22.9	17.4	26.0	

Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





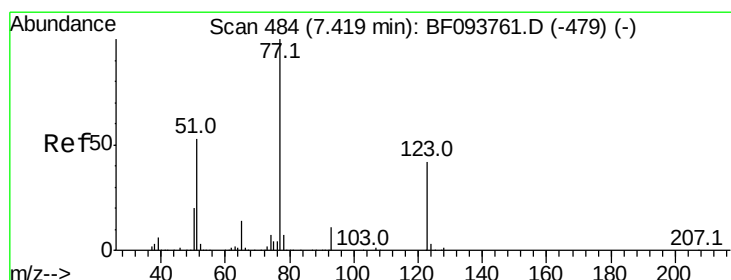
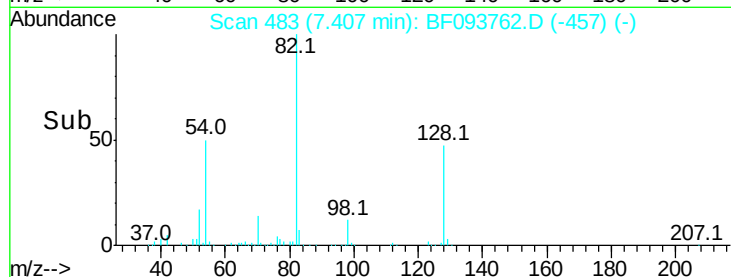
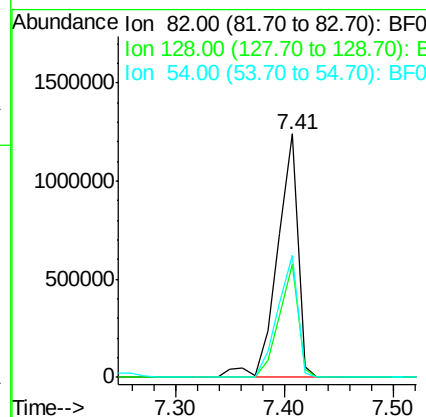
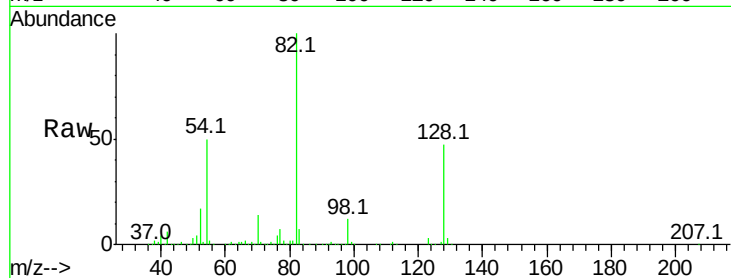
#23
Nitrobenzene-d5
Concen: 100.68 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	50.3	42.2	63.2

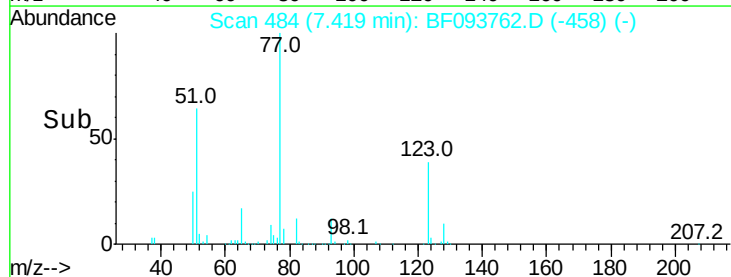
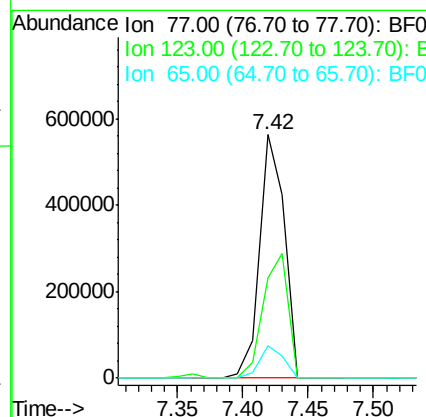
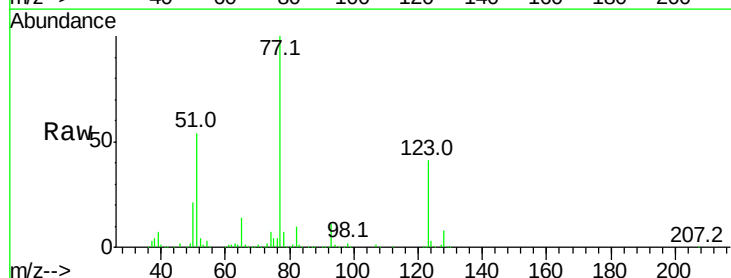
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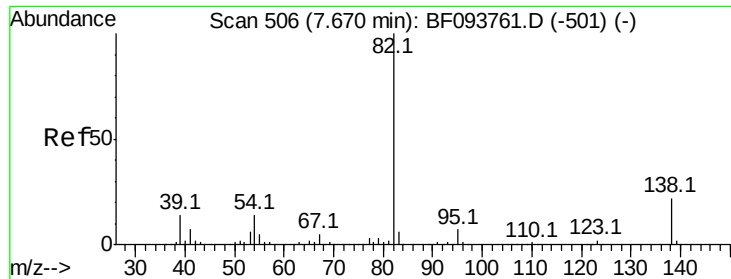
mohammad
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#24
Nitrobenzene
Concen: 42.84 ng
RT: 7.42 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 47.22 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1461135

Ion Ratio Lower Upper

82 100

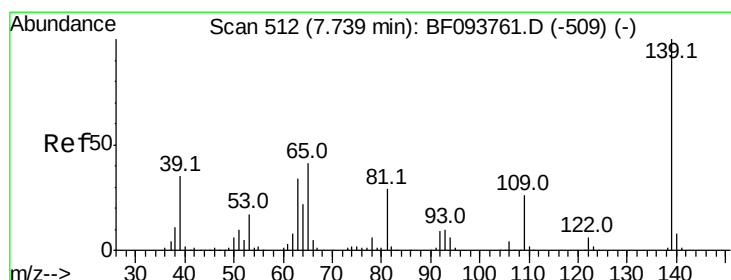
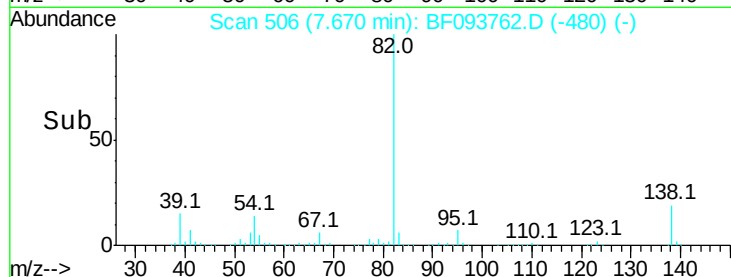
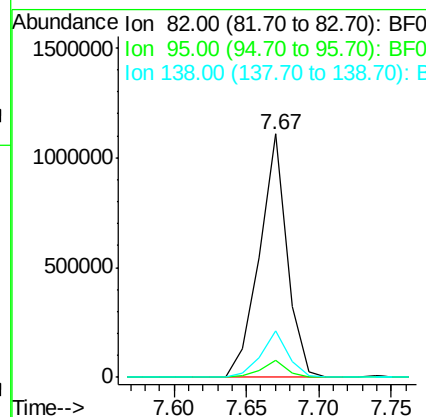
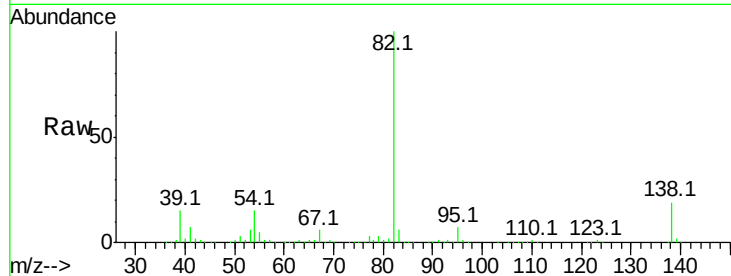
95 6.9 5.3 7.9

138 19.0 13.1 19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 58.33 ng

RT: 7.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

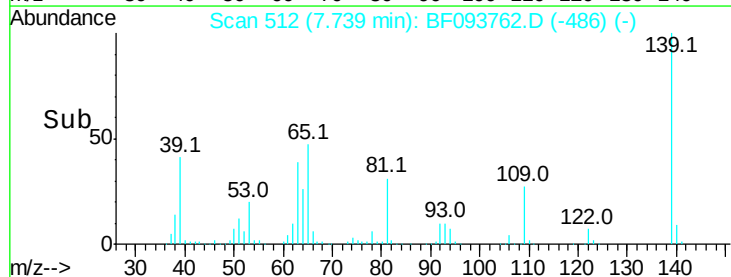
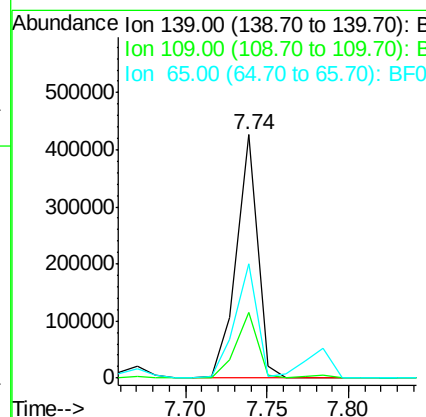
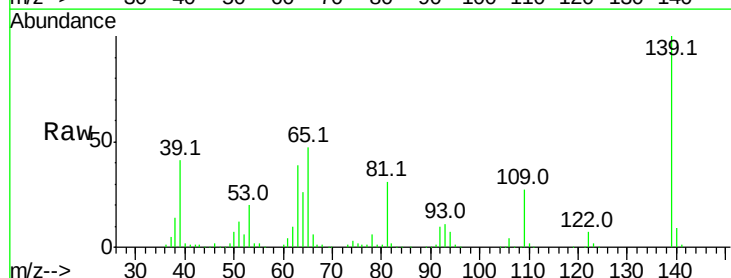
Tgt Ion: 139 Resp: 383809

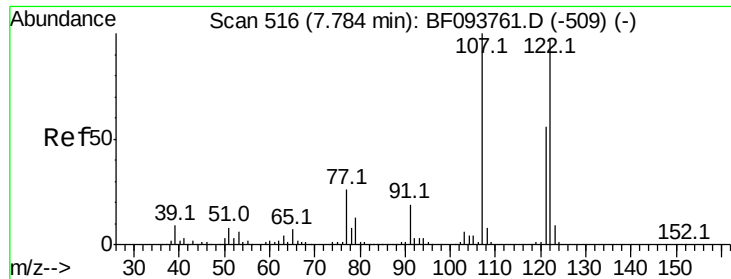
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.6

65 46.8 33.0 49.6





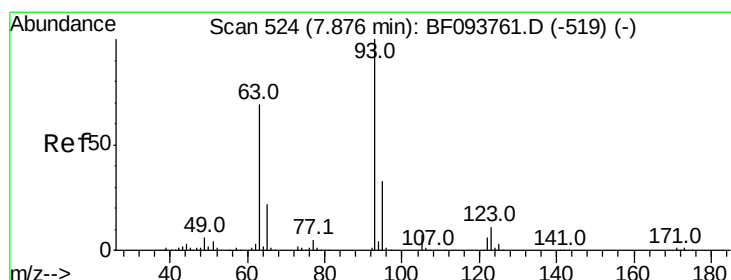
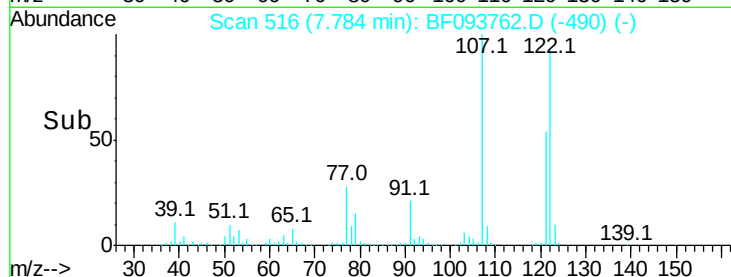
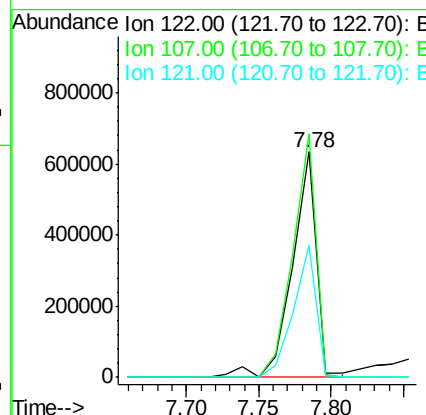
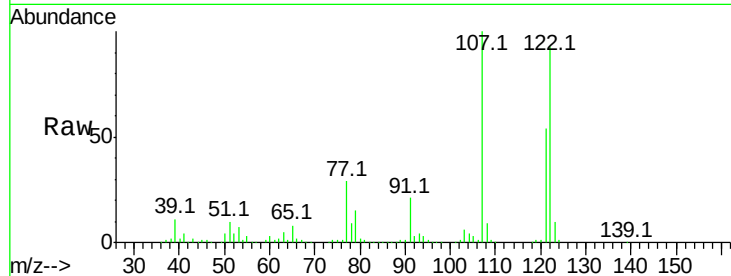
#27
2,4-Dimethylphenol
Concen: 48.16 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	89.2	133.8
121	58.8	45.2	67.8

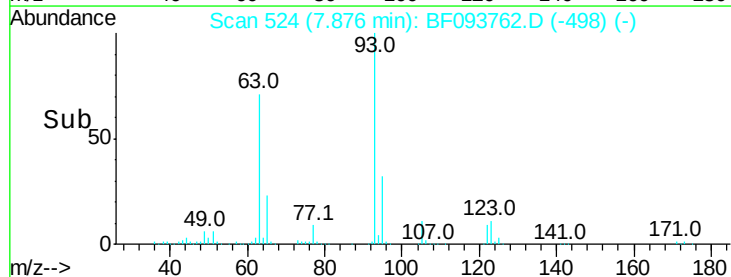
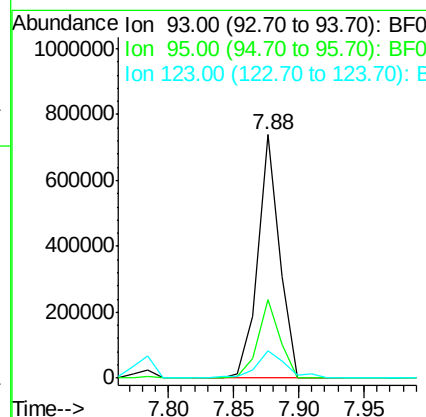
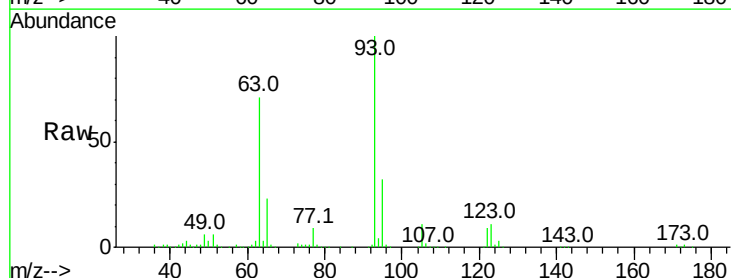
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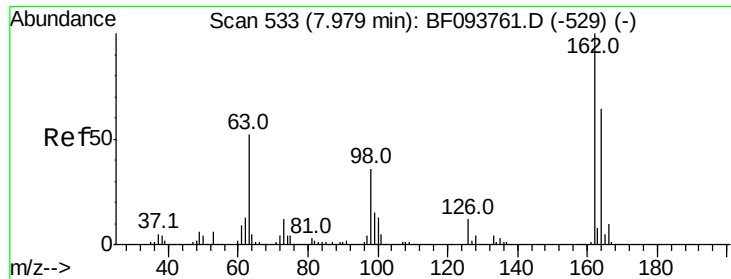
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#28
bis(2-Chloroethoxy)methane
Concen: 43.84 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.1	9.0	13.4





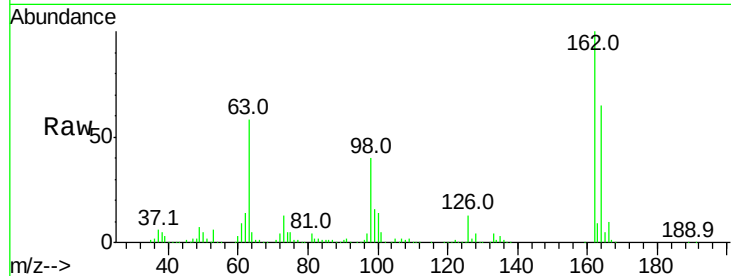
#29
 2,4-Dichlorophenol
 Concen: 45.49 ng
 RT: 7.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

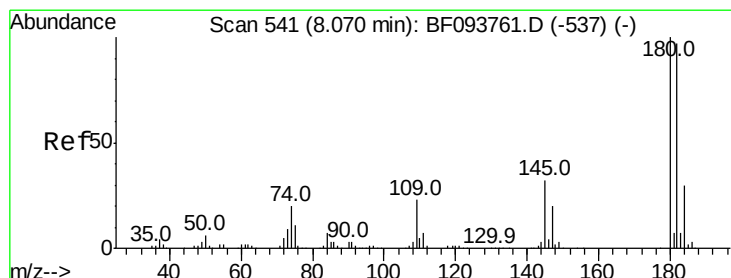
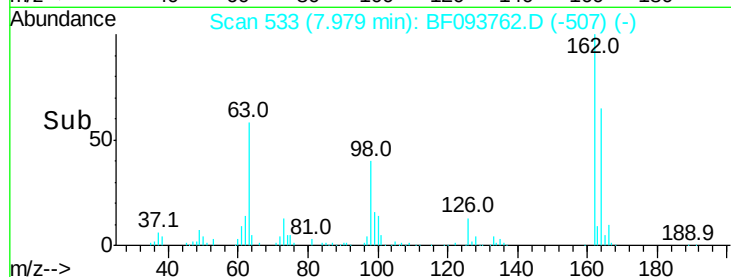
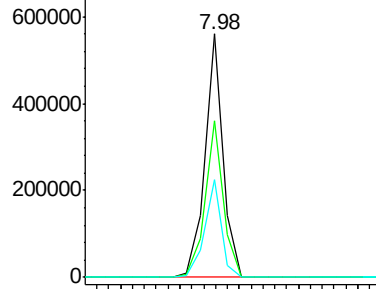
Tot Ion	Ratio	Resp	Lower	Upper
162	100	588488		
164	64.5		44.6	84.6
98	39.9		14.8	54.8

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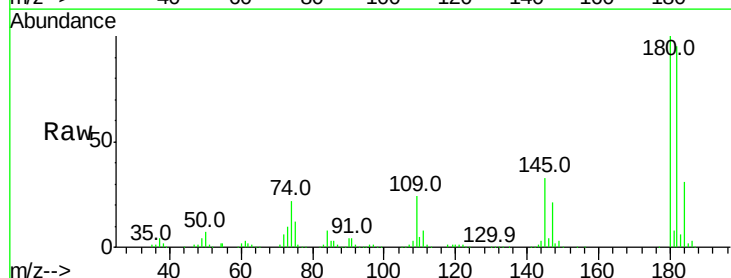


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

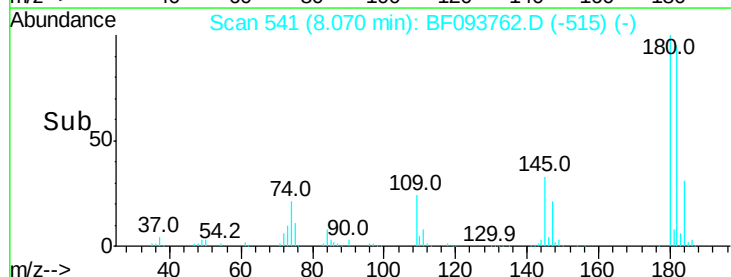
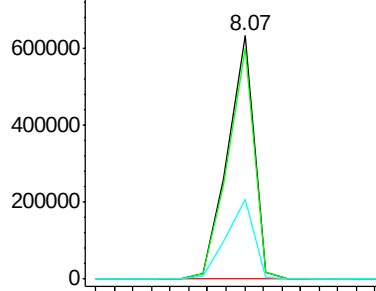


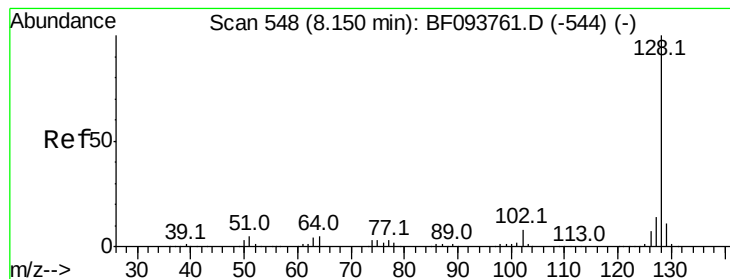
#30
 1,2,4-Trichlorobenzene
 Concen: 47.07 ng
 RT: 8.07 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	634718		
182	94.9		75.8	113.6
145	32.7		25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.33 ng

RT: 8.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 2179535

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

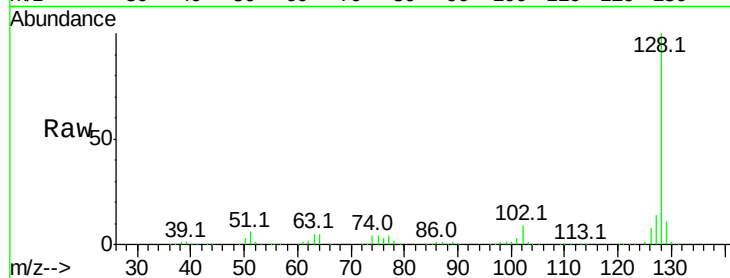
127 13.9 10.8 16.2

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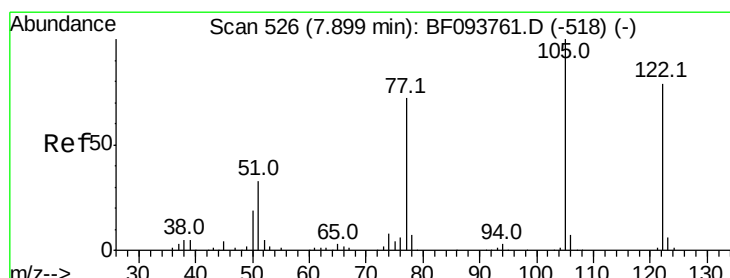
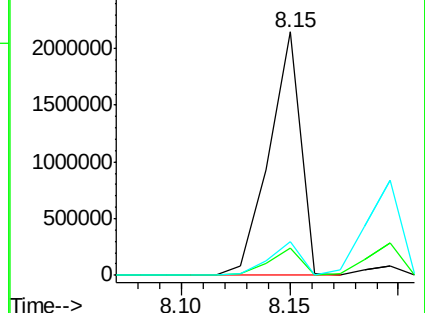
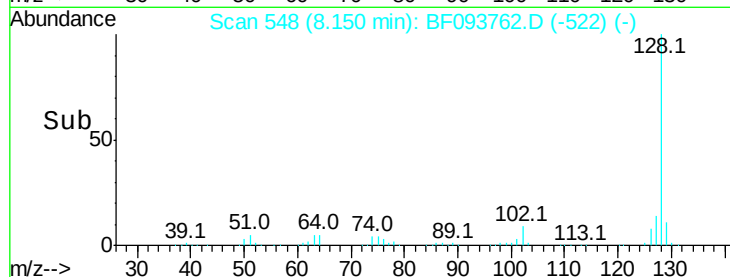
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.20 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

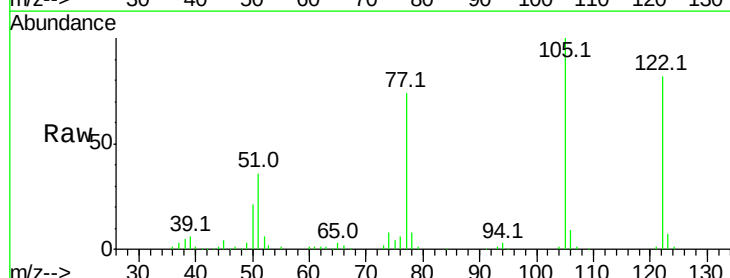
Tgt Ion:122 Resp: 474337

Ion Ratio Lower Upper

122 100

105 121.6 103.3 143.3

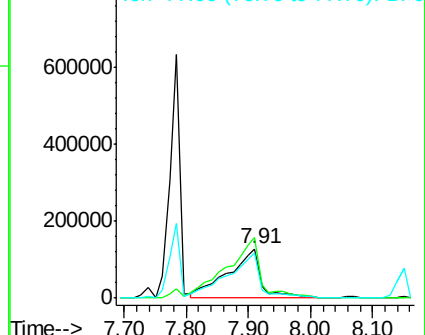
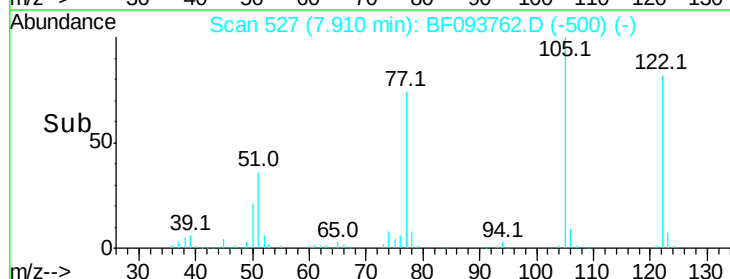
77 90.1 73.7 113.7

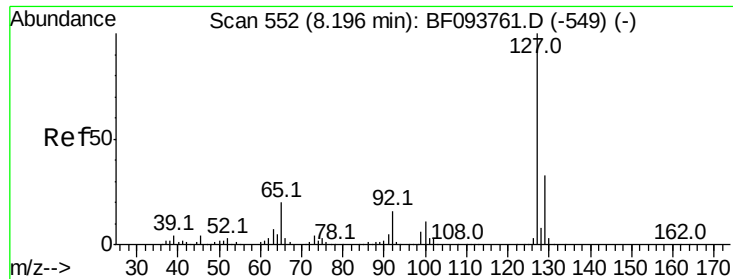


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





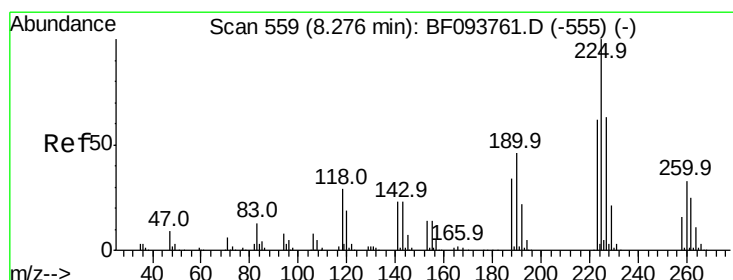
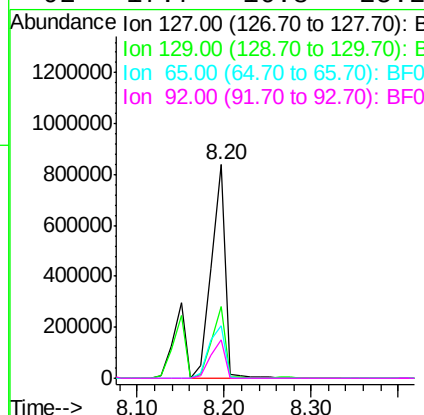
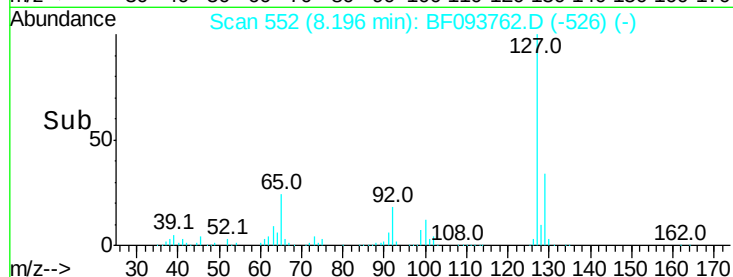
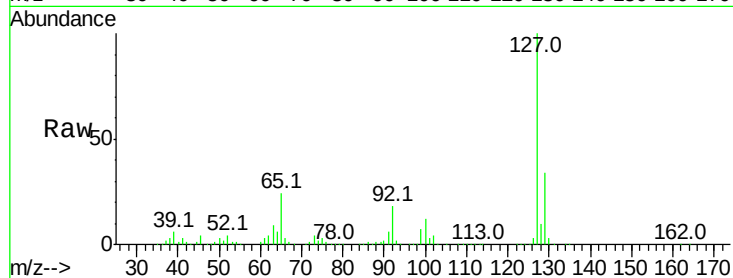
#33
4-Chloroaniline
Concen: 47.53 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	24.5	27.8	41.8
92	17.7	16.8	25.2

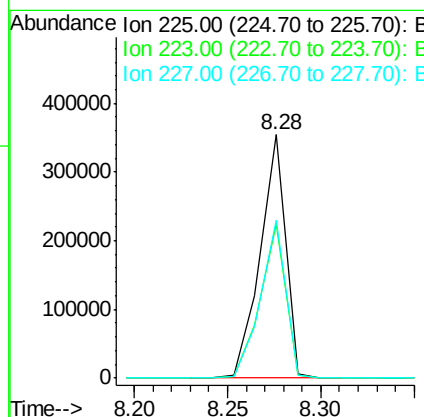
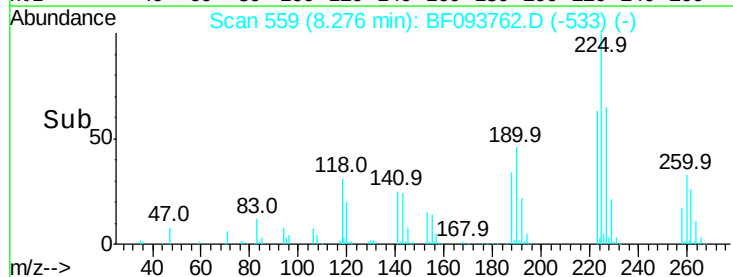
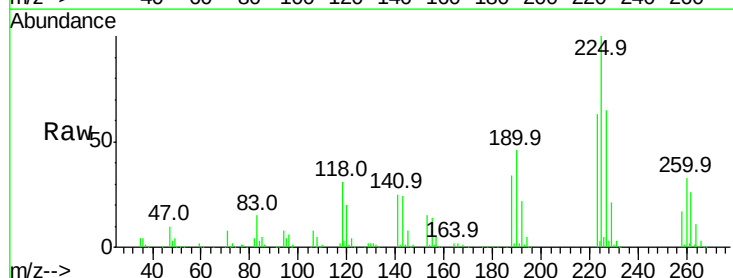
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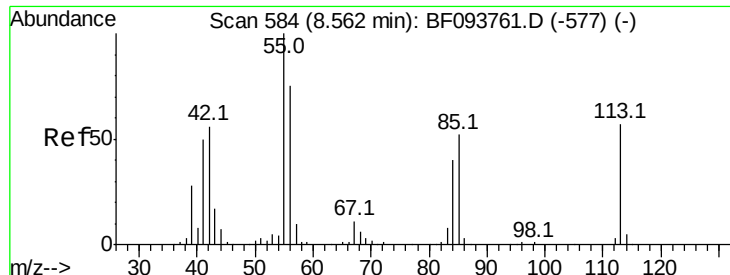
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#34
Hexachlorobutadiene
Concen: 47.21 ng
RT: 8.28 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	65.0	51.1	76.7





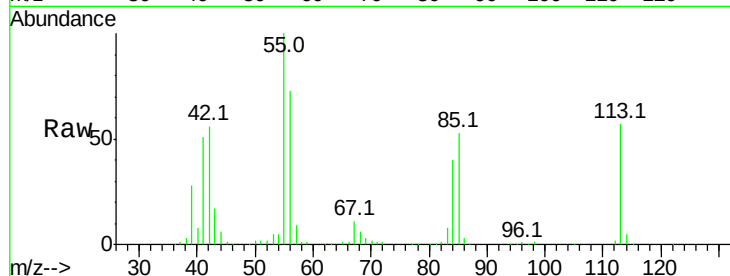
#35
 Caprolactam
 Concen: 44.51 ng
 RT: 8.57 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

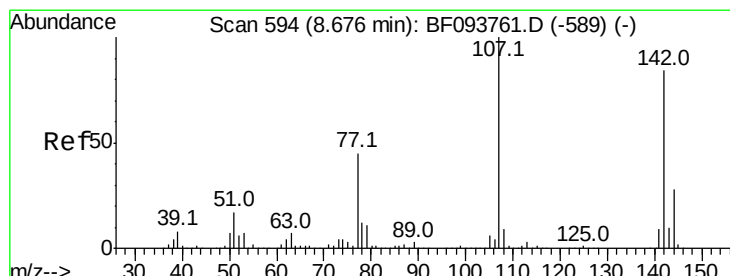
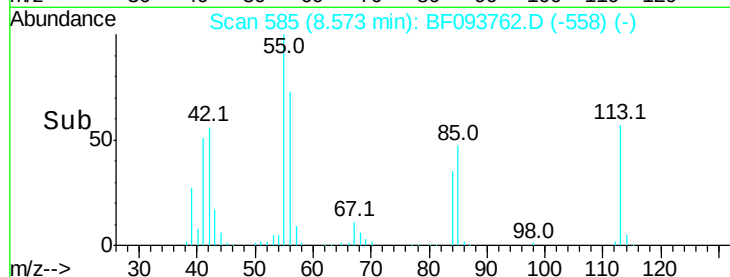
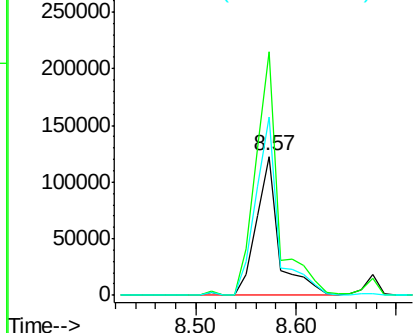
Tot Ion	Ratio	Lower	Upper
113	100		
55	174.8	150.2	190.2
56	128.0	107.8	147.8

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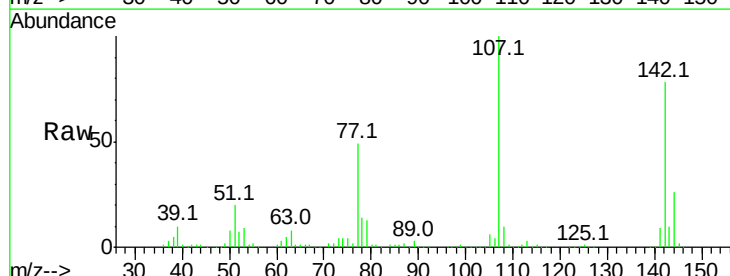


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

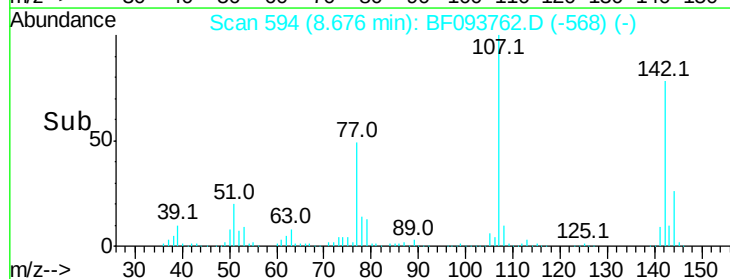
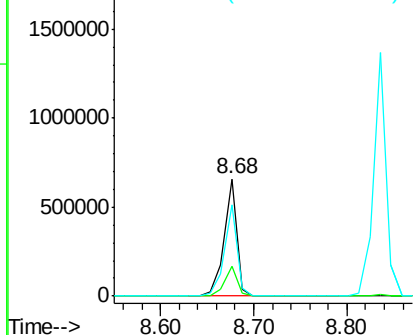


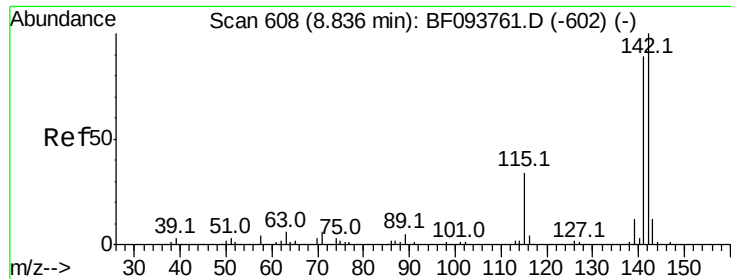
#36
 4-Chloro-3-methylphenol
 Concen: 45.48 ng
 RT: 8.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	24.2	36.4
142	78.3	73.4	110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





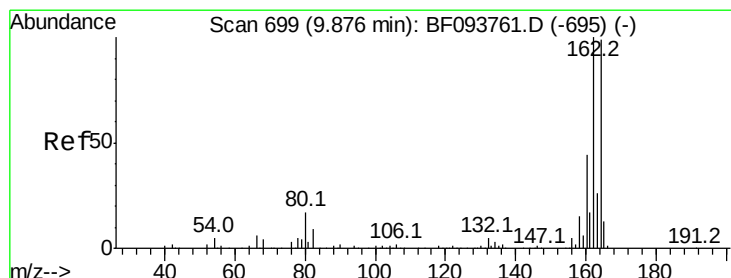
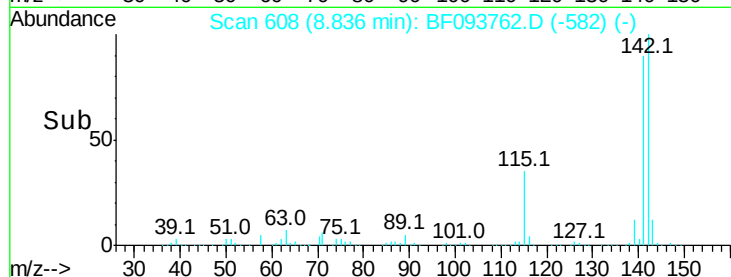
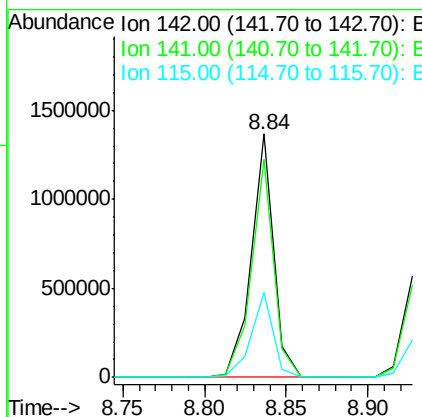
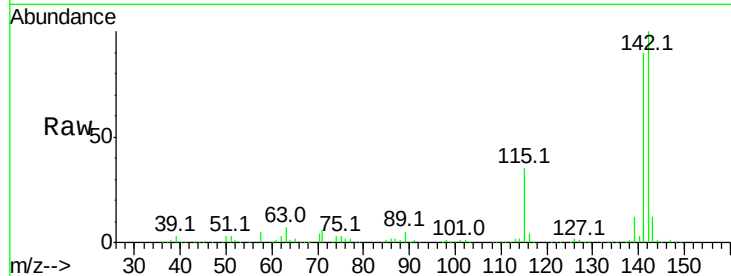
#37
2-Methylnaphthalene
Concen: 42.69 ng
RT: 8.84 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	34.7	27.1	40.7

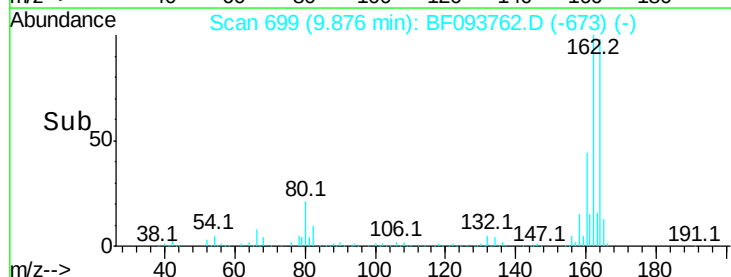
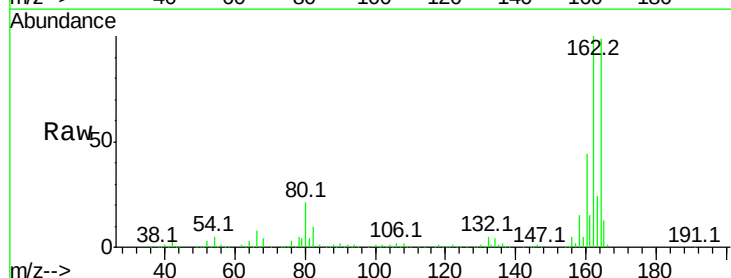
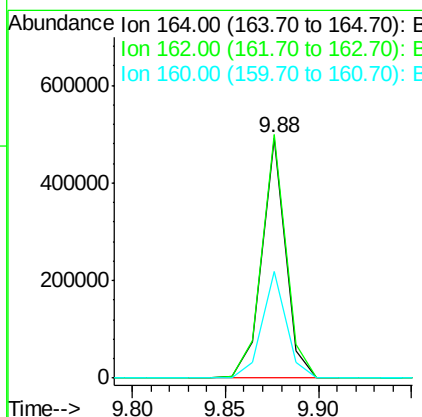
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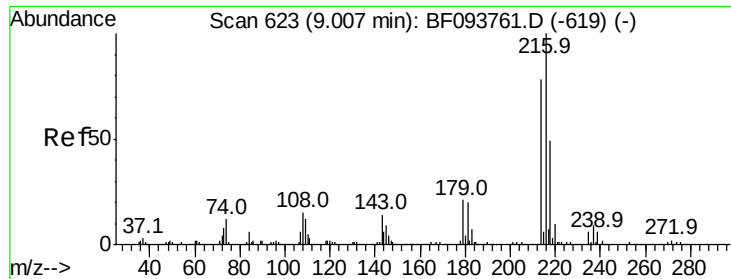
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	44.4	36.2	54.2





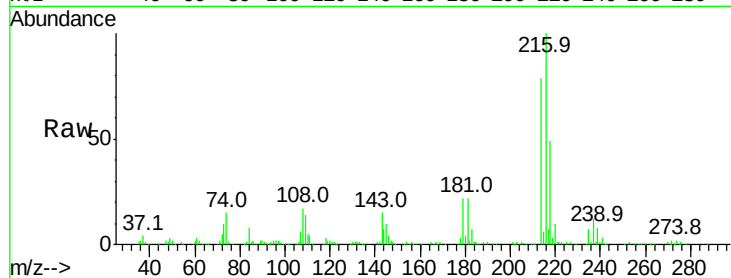
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.47 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

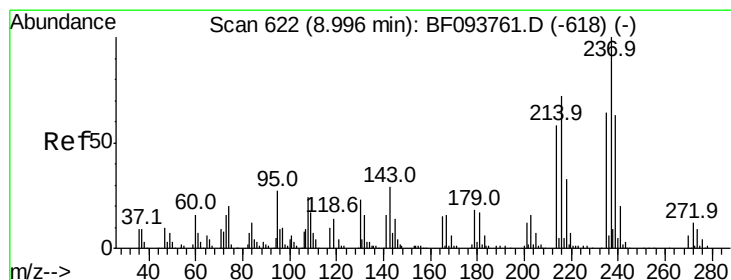
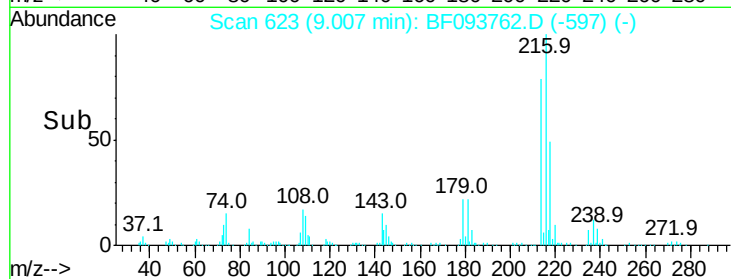
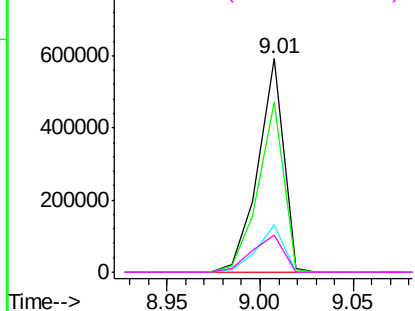
Tot Ion	Ratio	Resp	Lower	Upper
216	100	559857		
214	79.7	63.4	95.2	
179	23.1	17.9	26.9	
108	21.4	16.5	24.7	

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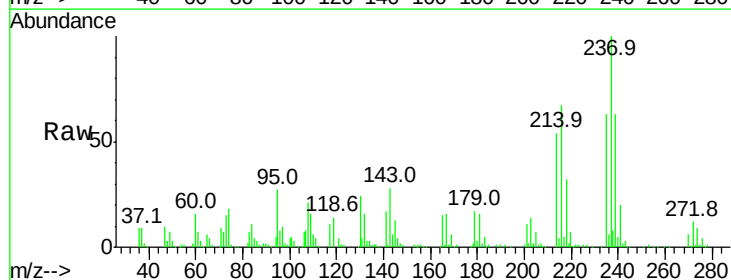


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

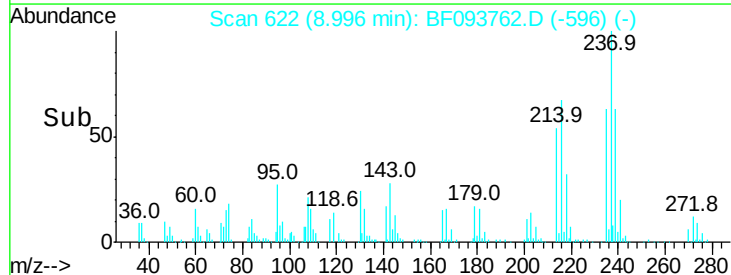
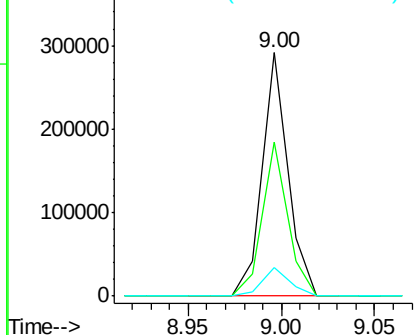


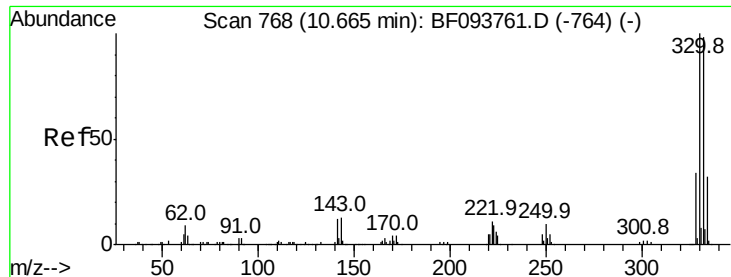
#40
 Hexachlorocyclopentadiene
 Concen: 54.95 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	277092		
235	63.4	42.6	82.6	
272	11.7	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





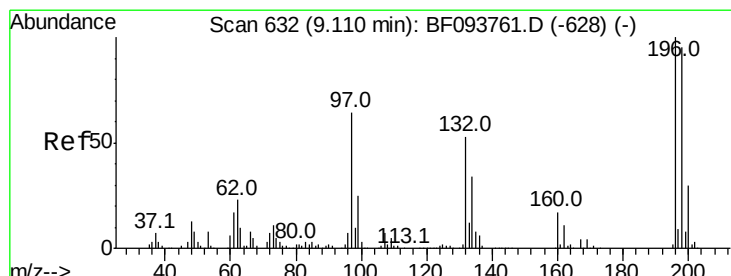
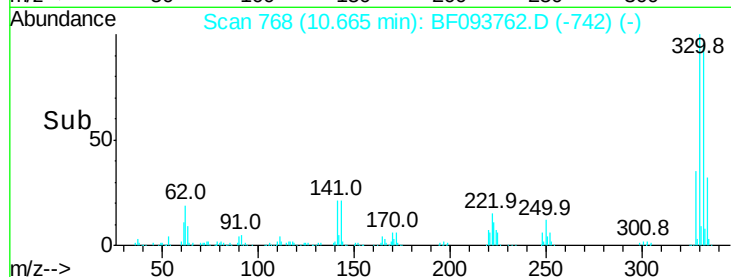
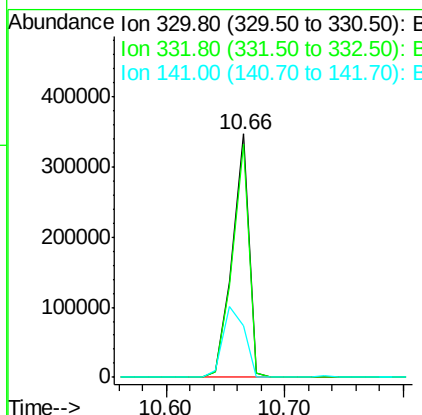
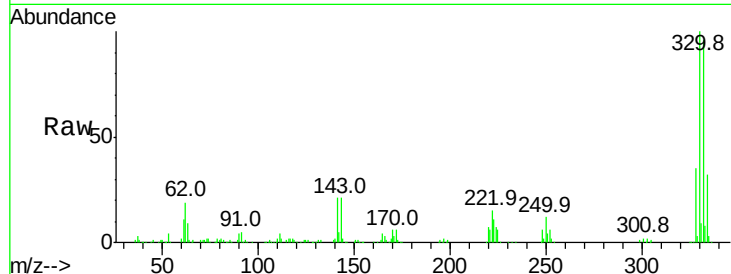
#41
 2,4,6-Tribromophenol
 Concen: 121.52 ng
 RT: 10.66 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	342806		
332	95.7	76.6	115.0	
141	37.6	31.4	47.2	

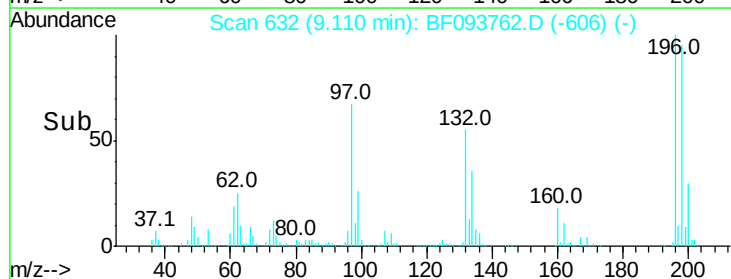
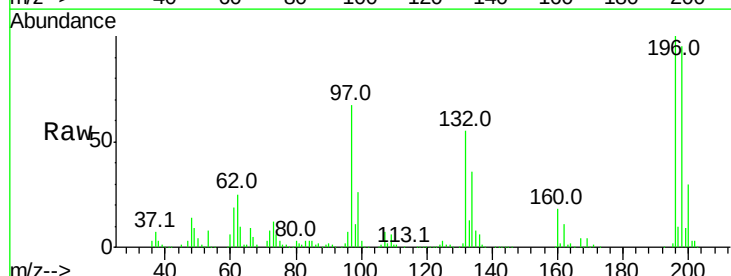
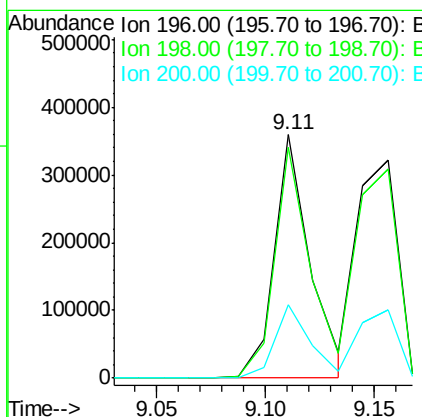
Manual Integrations
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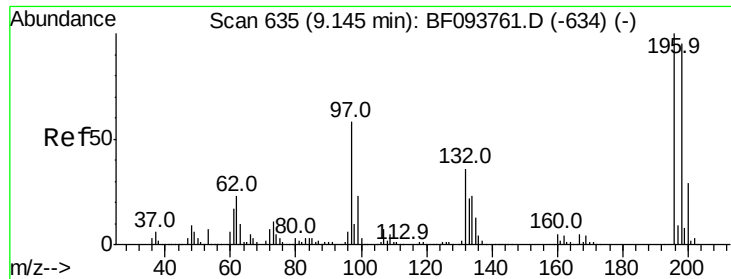
mohammad
 3/21/2017 2:45:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.45 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	412684		
198	95.1	74.2	111.4	
200	30.3	24.0	36.0	





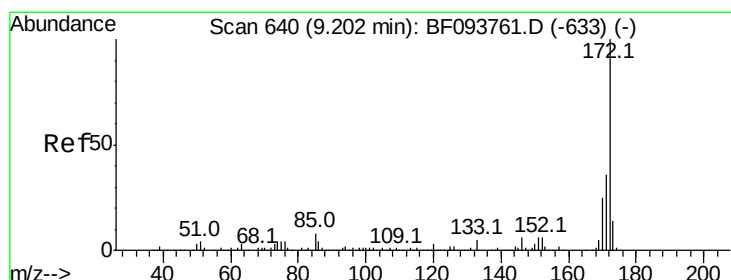
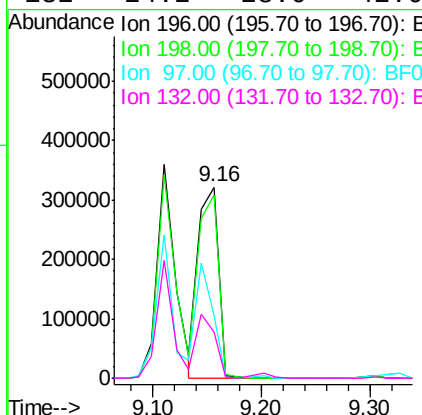
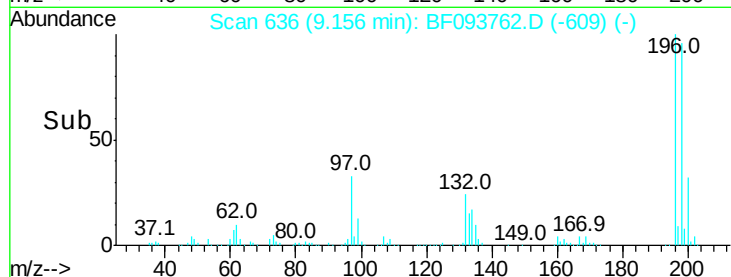
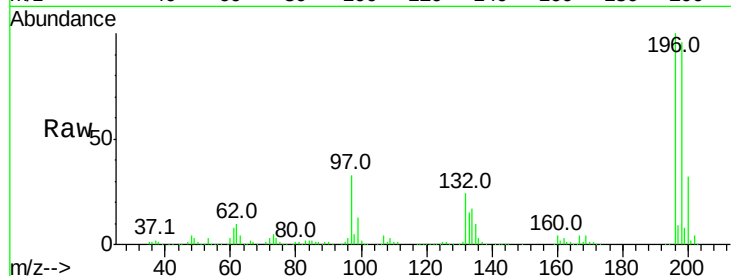
#43
 2,4,5-Trichlorophenol
 Concen: 55.06 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	422493		
198	95.9	75.7	113.5	
97	32.9	47.7	71.5#	
132	24.2	28.0	42.0#	

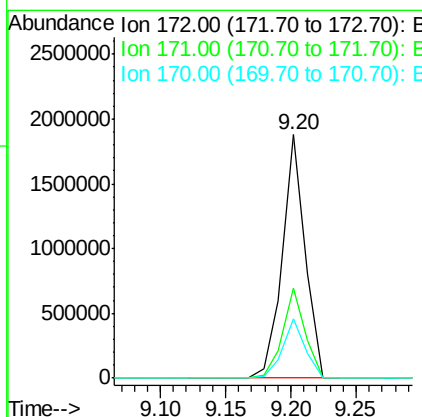
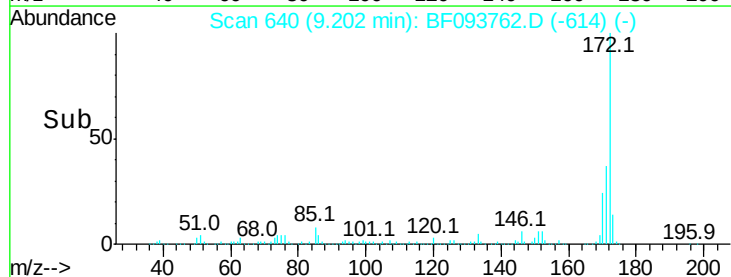
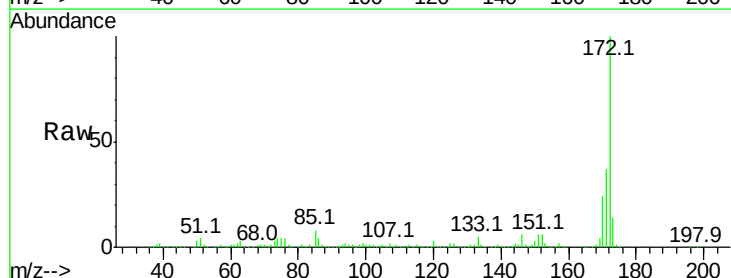
Manual Integrations
 APPROVED

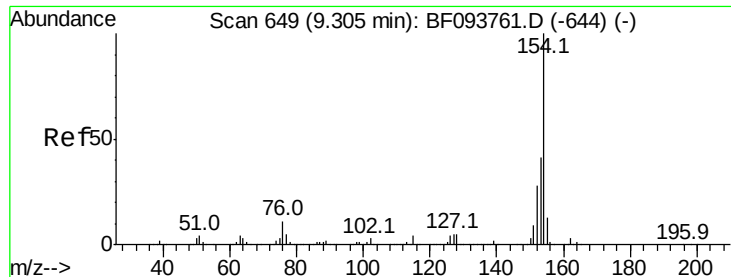
mohammad
 3/21/2017 2:45:15 PM



#44
 2-Fluorobiphenyl
 Concen: 100.77 ng
 RT: 9.20 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2301700		
171	36.9	29.6	44.4	
170	24.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 51.97 ng

RT: 9.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1570719

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

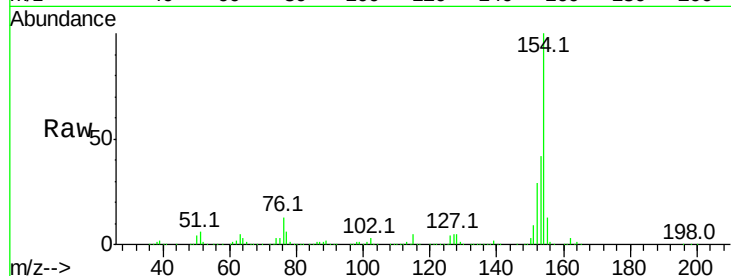
76 12.7 0.0 29.9

Manual Integrations

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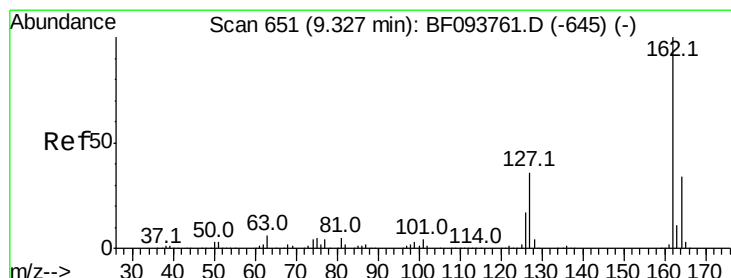
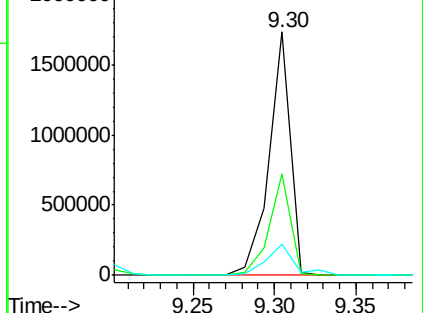
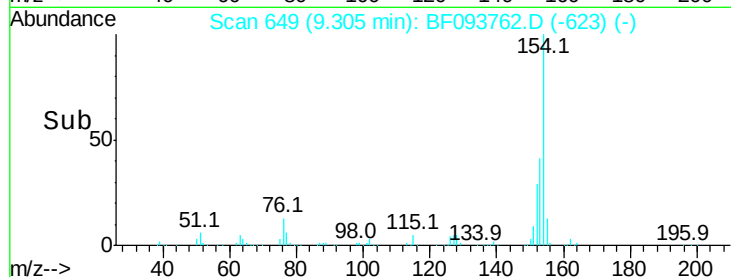
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.87 ng

RT: 9.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

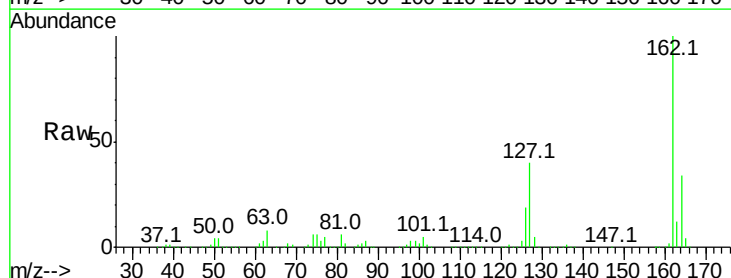
Tgt Ion:162 Resp: 1306389

Ion Ratio Lower Upper

162 100

127 40.1 28.3 42.5

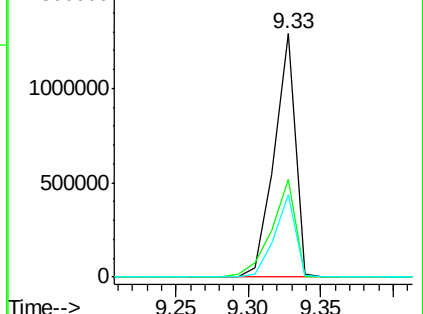
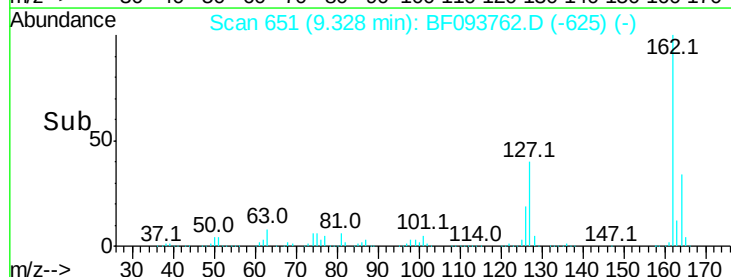
164 33.7 27.0 40.4

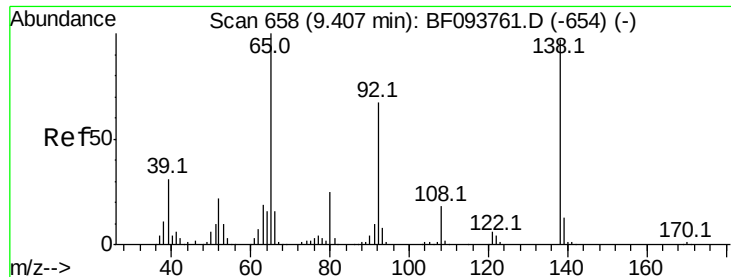


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





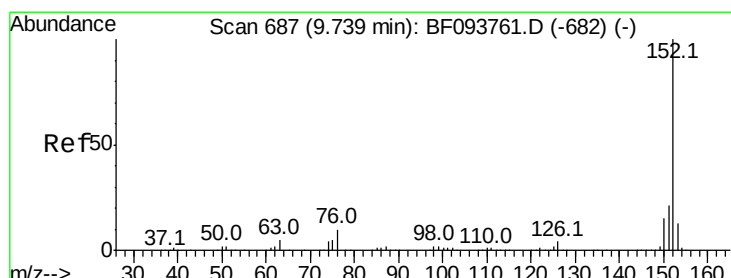
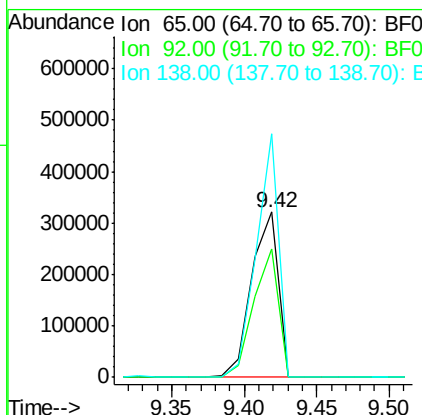
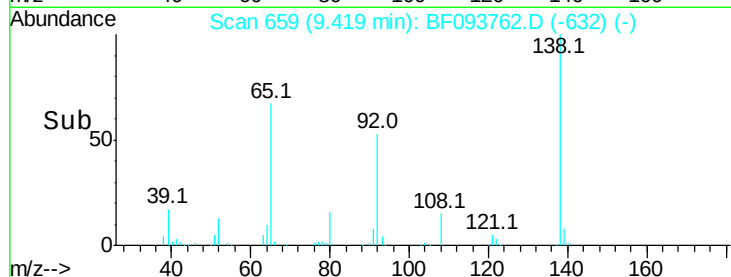
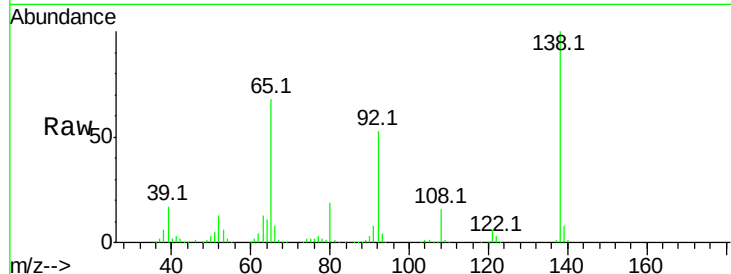
#47
2-Nitroaniline
Concen: 58.25 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.1	53.9	80.9
138	147.6	78.8	118.2

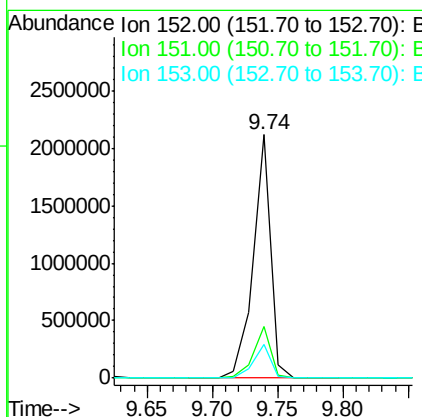
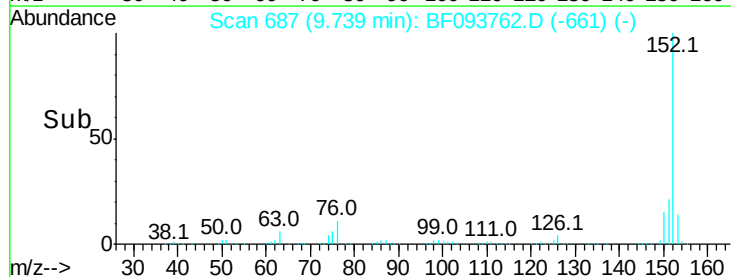
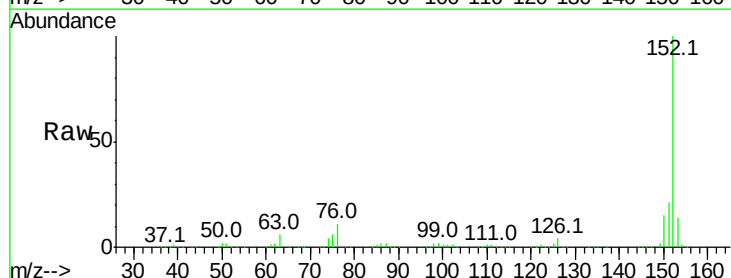
Manual Integrations
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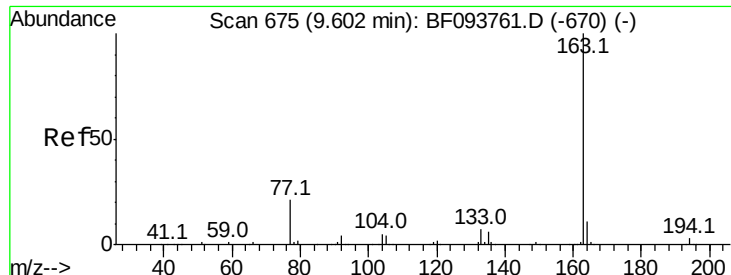
mohammad
3/21/2017 2:45:15 PM



#48
Acenaphthylene
Concen: 49.65 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	13.8	10.8	16.2





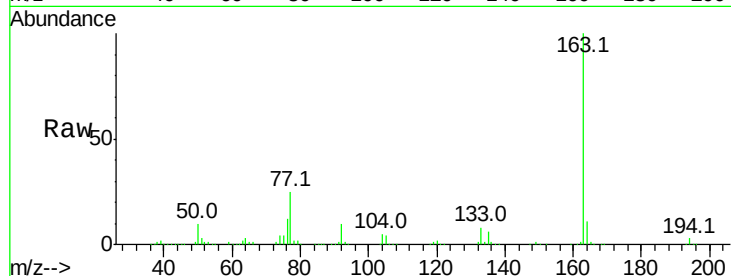
#49
Dimethylphthalate
Concen: 51.92 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

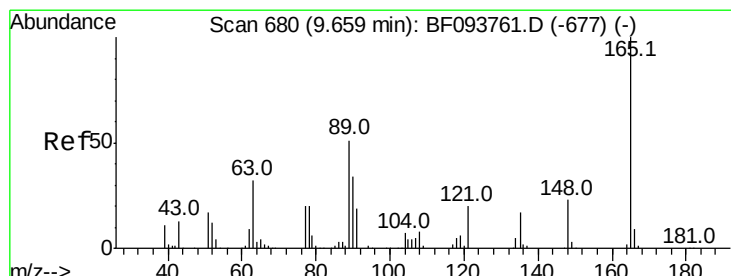
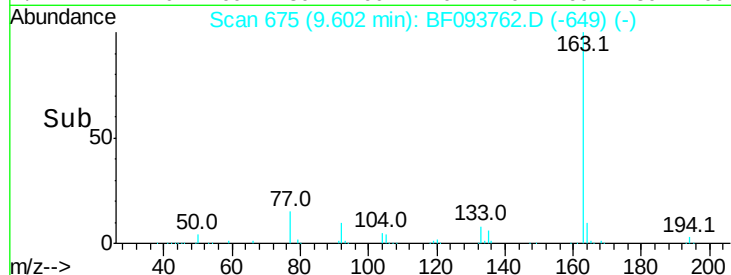
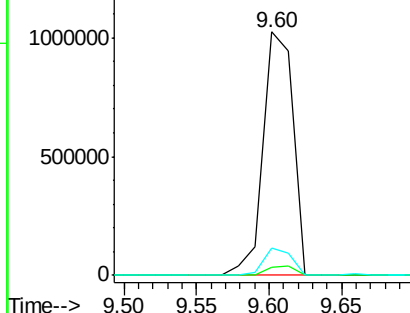
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	11.1	8.4	12.6

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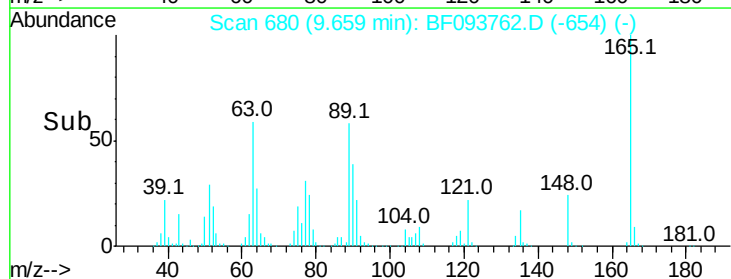
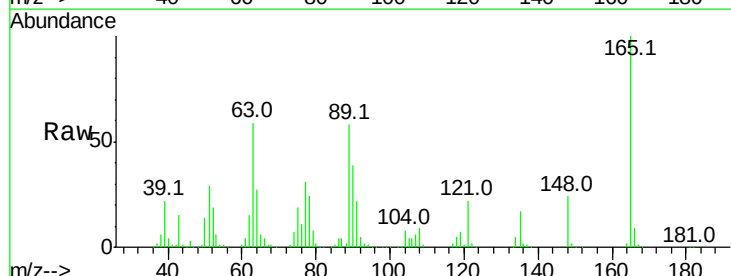
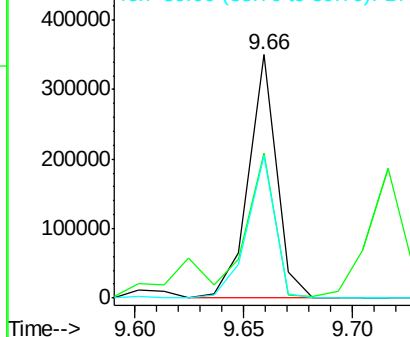
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

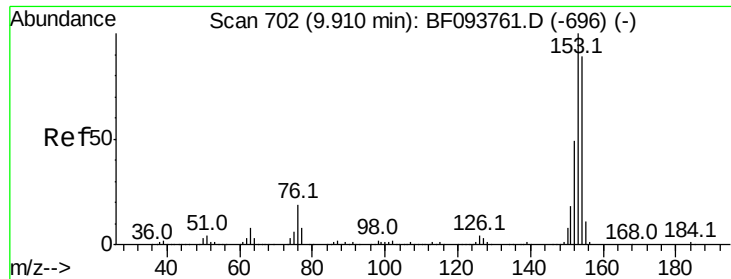


#50
2,6-Dinitrotoluene
Concen: 51.82 ng
RT: 9.66 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.5	34.3	51.5#
89	58.5	37.1	55.7#

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: 49.41 ng

RT: 9.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1151662

Ion Ratio Lower Upper

154 100

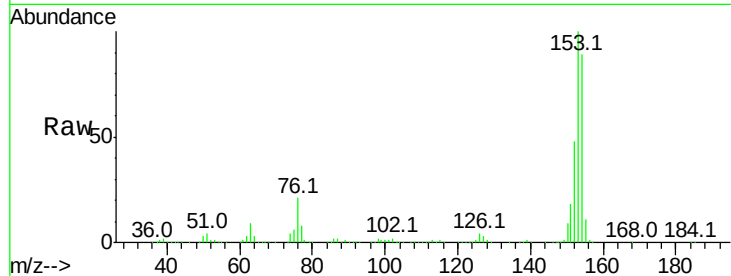
153 112.2 90.5 135.7

152 54.2 43.6 65.4

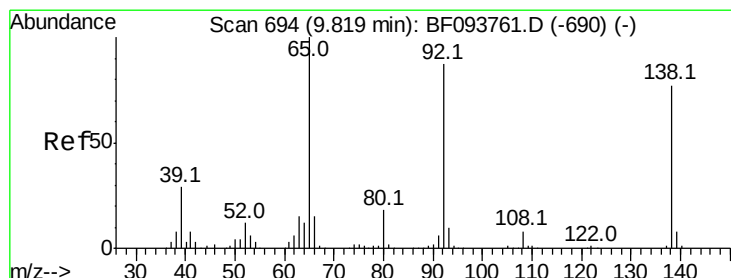
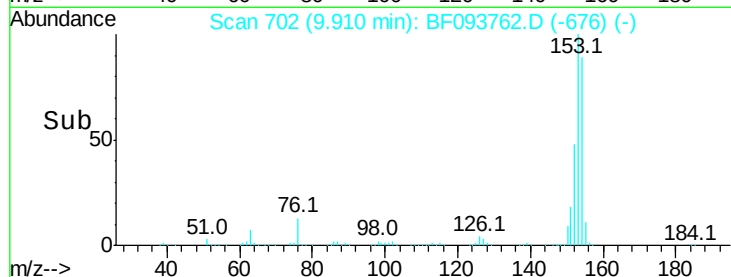
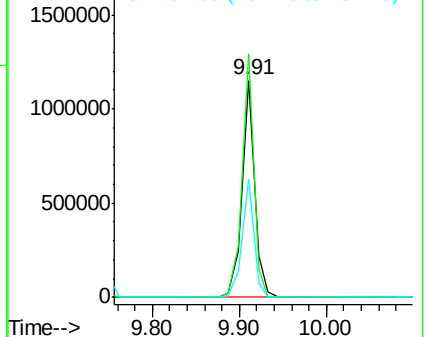
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 60.68 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

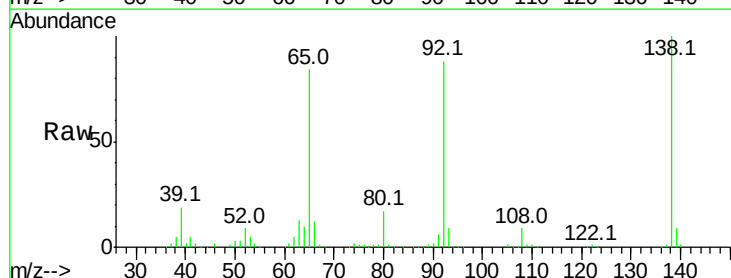
Tgt Ion:138 Resp: 437844

Ion Ratio Lower Upper

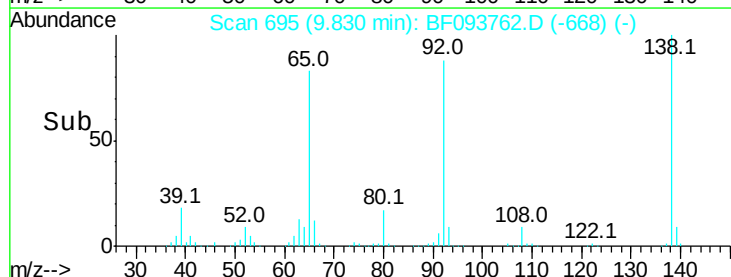
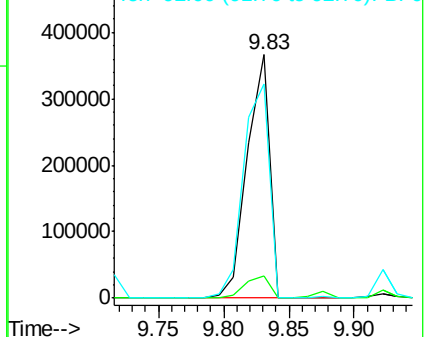
138 100

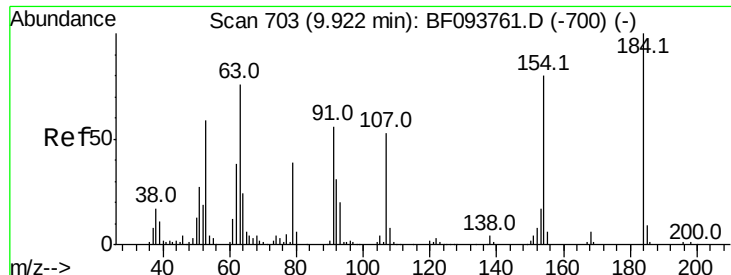
108 9.3 9.1 13.7

92 88.2 93.8 140.6#



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





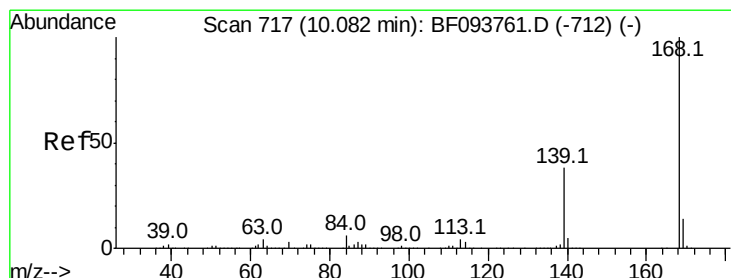
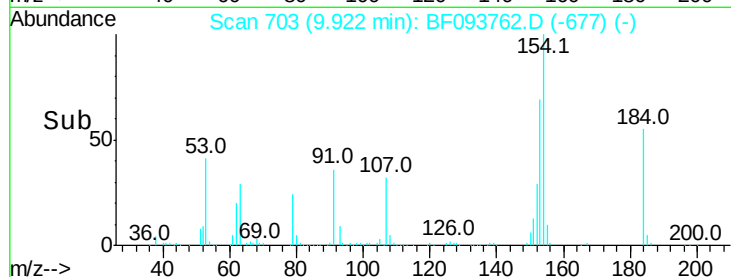
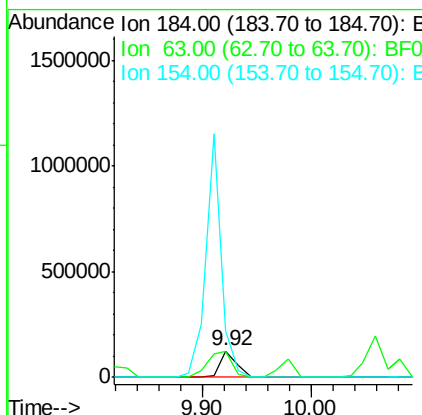
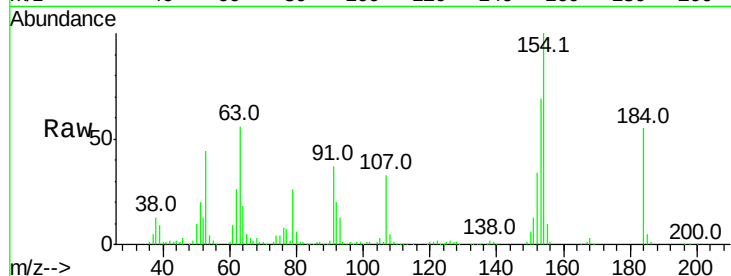
#53
 2,4-Dinitrophenol
 Concen: 73.45 ng
 RT: 9.92 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	100.6	62.7	94.1#	
154	180.9	81.1	121.7#	

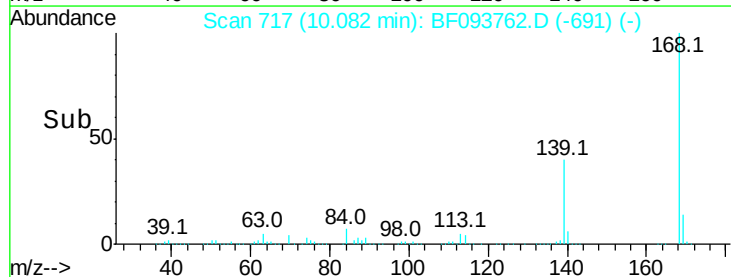
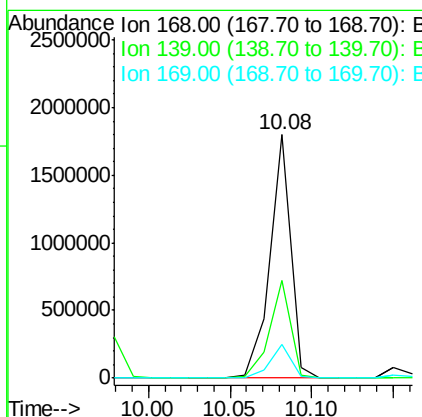
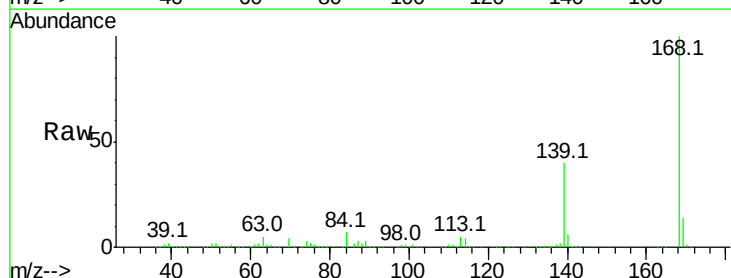
Manual Integrations
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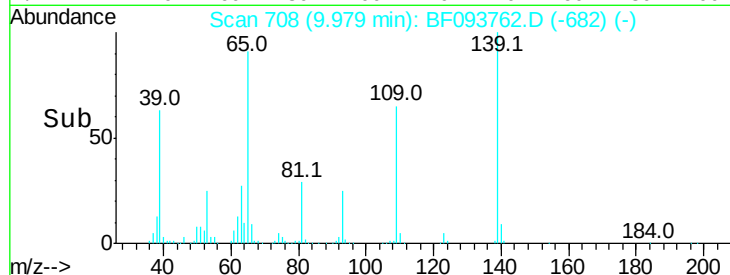
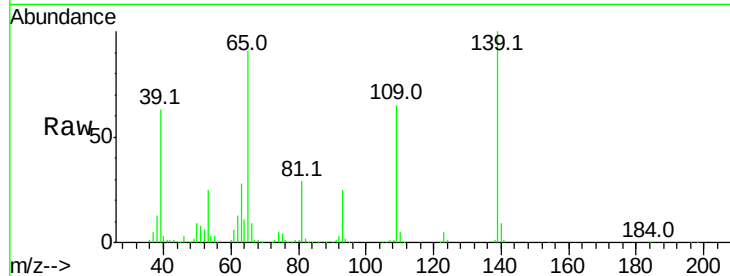
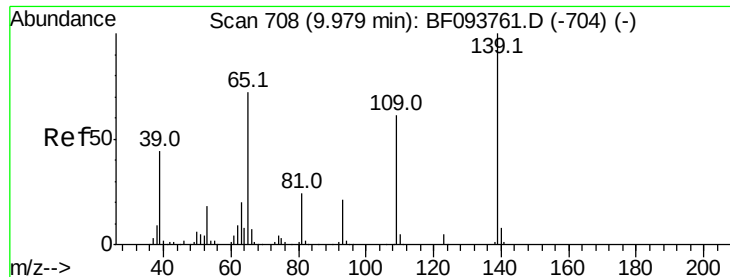
mohammad
 3/21/2017 2:45:15 PM



#54
 Dibenzofuran
 Concen: 50.94 ng
 RT: 10.08 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	30.6	45.8	
169	13.7	10.8	16.2	





#55

4-Nitrophenol

Concen: 54.26 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tot Ion:	139	Resp:	295356
Ion Ratio	Lower	Upper	
139	100		
109	64.9	34.1	74.1
65	90.7	31.4	71.4#

Instrument :

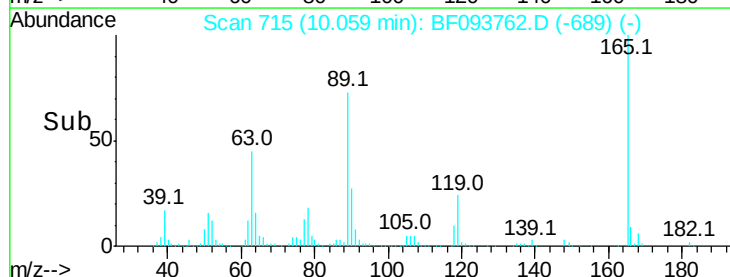
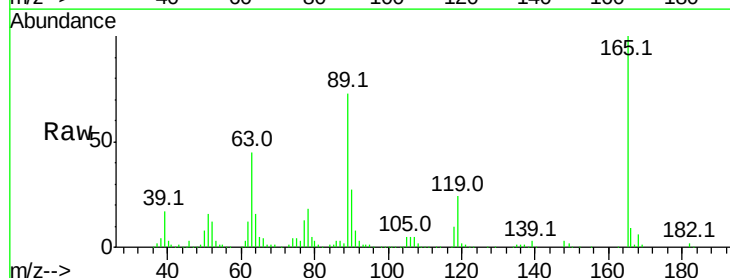
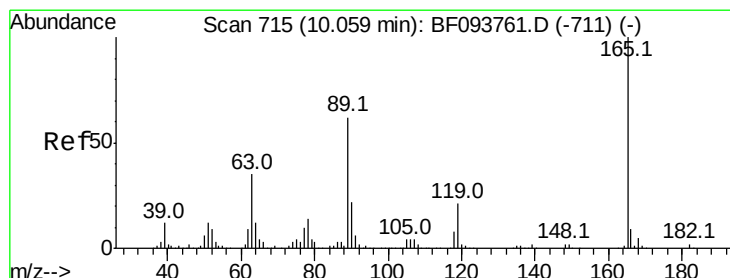
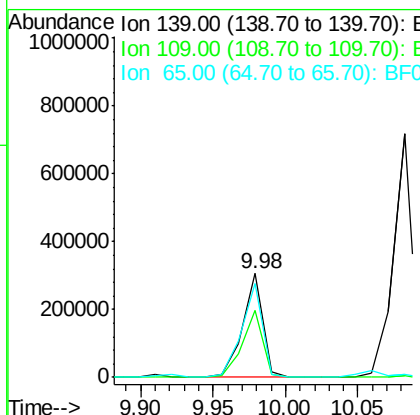
BNA_F

ClientSampled :

SSTDIC050

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 50.86 ng

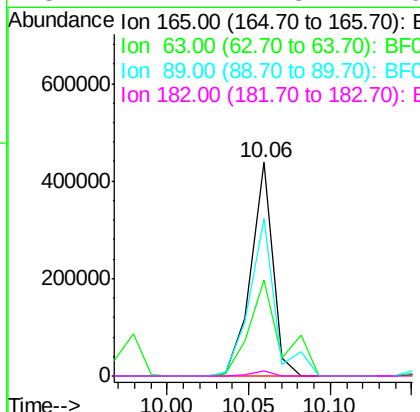
RT: 10.06 min Scan# 715

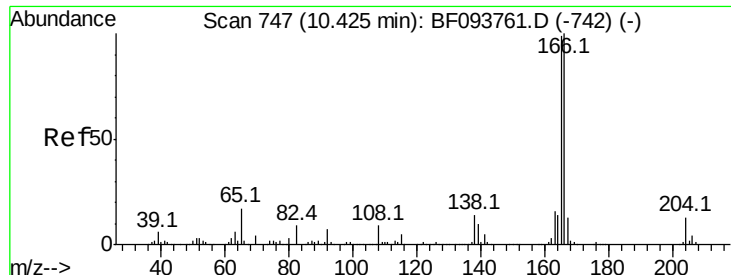
Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:	165	Resp:	411724
Ion Ratio	Lower	Upper	
165	100		
63	45.2	25.4	38.0#
89	73.4	46.4	69.6#
182	2.2	1.8	2.6





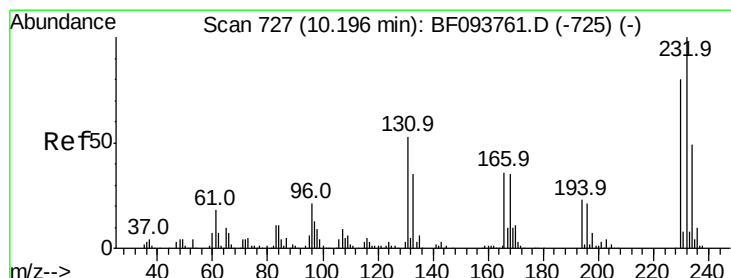
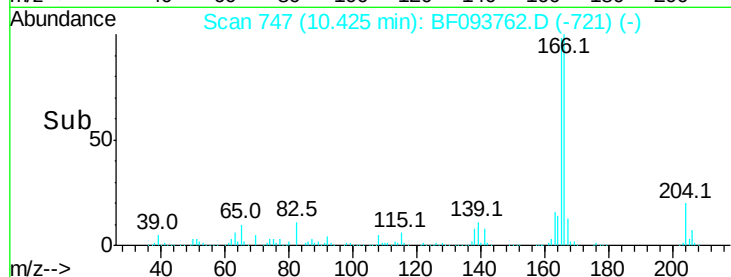
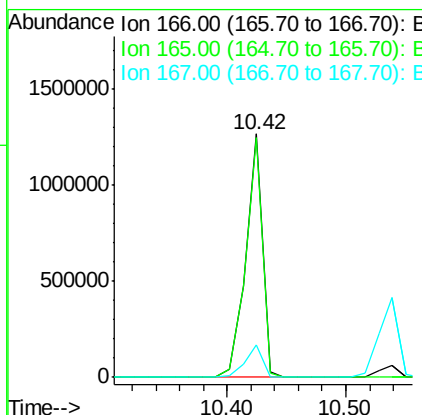
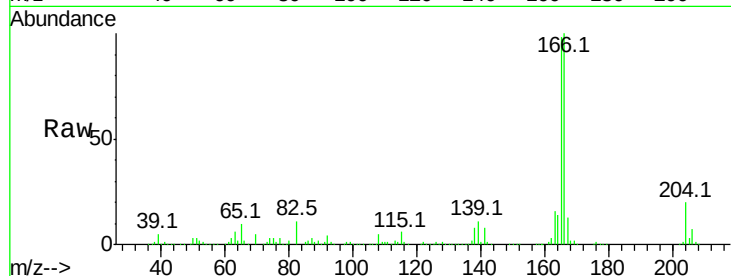
#57
 Fluorene
 Concen: 48.47 ng
 RT: 10.42 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.3	10.6	16.0

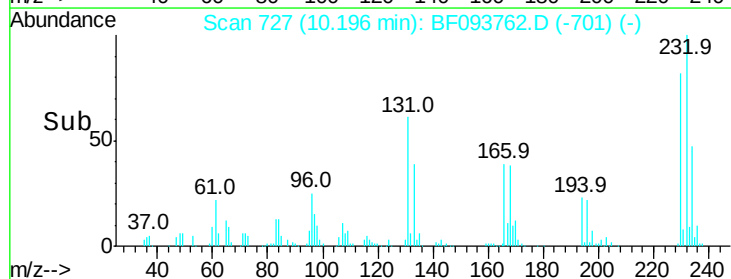
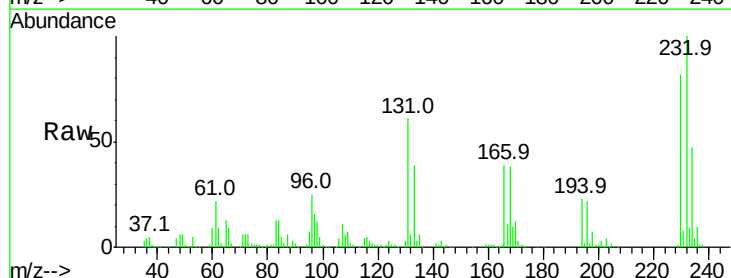
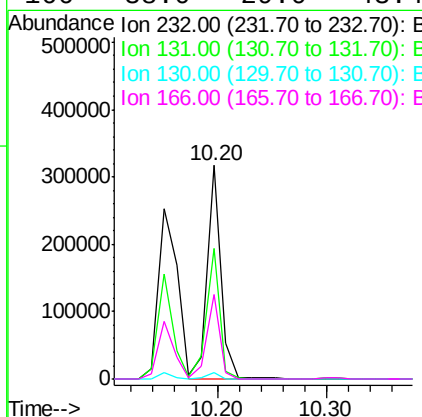
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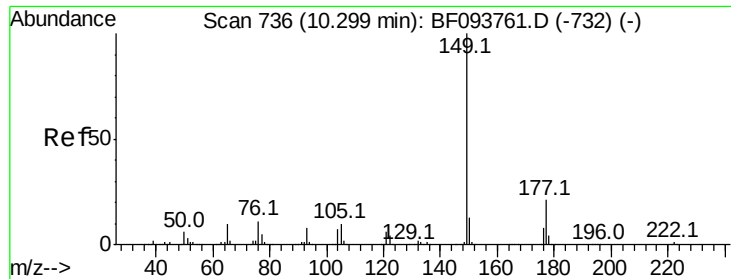
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.98 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.9	44.8	67.2
130	2.9	2.3	3.5
166	38.0	29.0	43.4





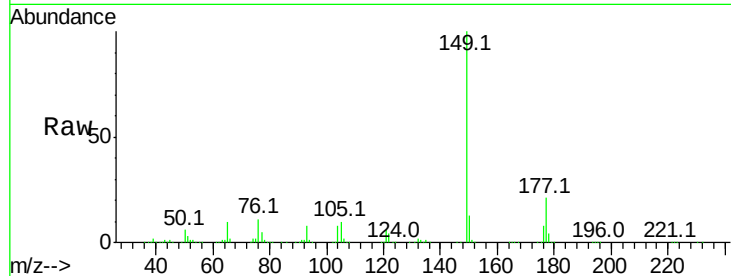
#59
Diethylphthalate
Concen: 53.15 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampled :
SSTDIC050

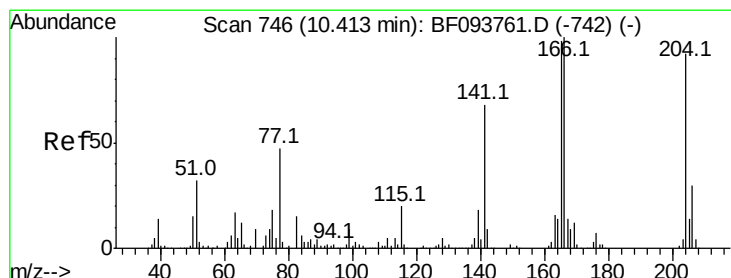
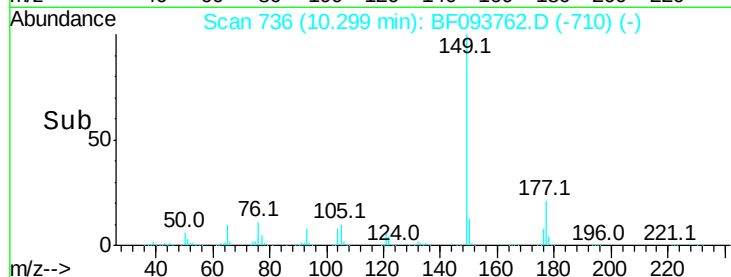
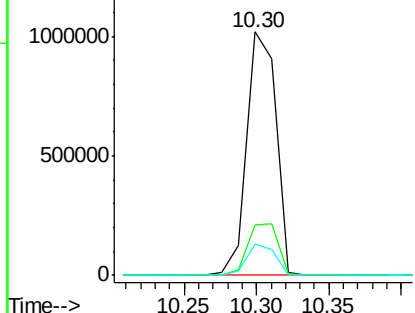
Tot Ion:149 Resp: 1424306
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 13.0 10.2 15.2

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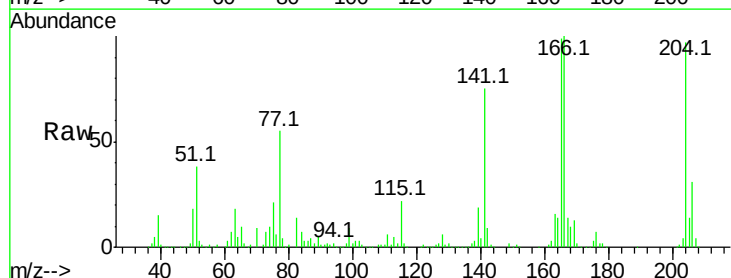


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

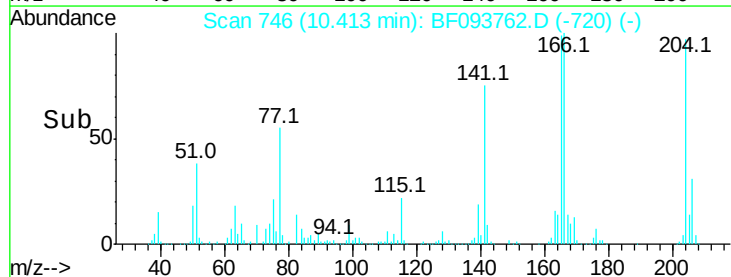
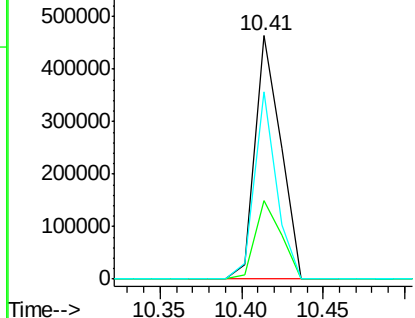


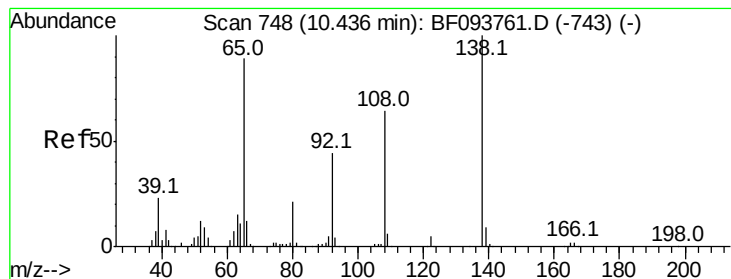
#60
4-Chlorophenyl-phenylether
Concen: 47.01 ng
RT: 10.41 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:204 Resp: 509067
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 77.0 60.8 91.2



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





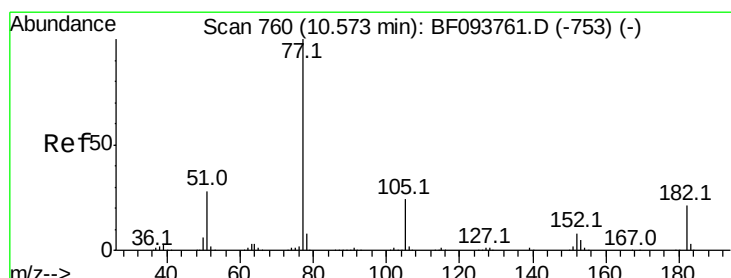
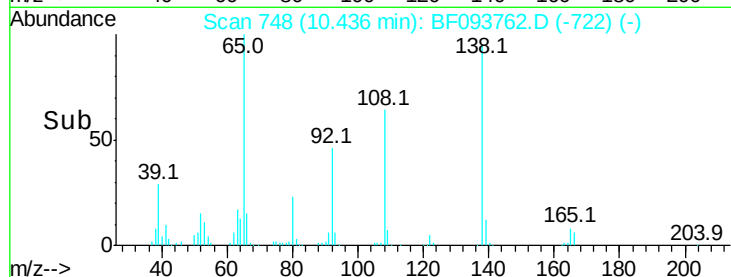
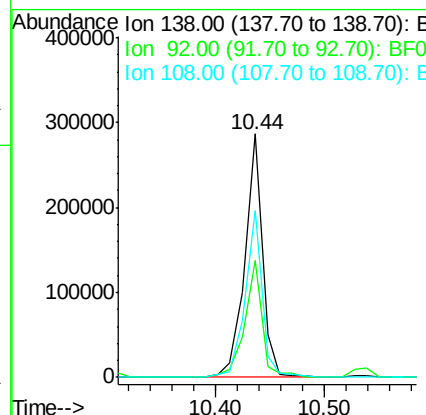
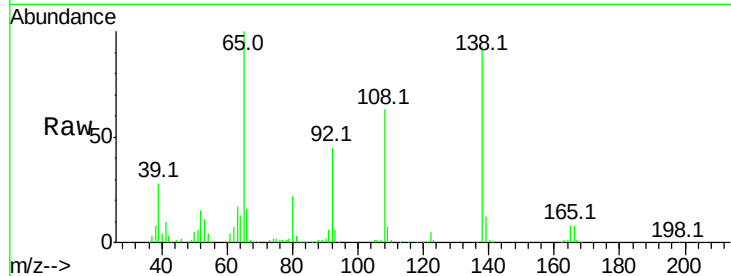
#61
4-Nitroaniline
Concen: 47.80 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	21.8	61.8
108	68.4	42.3	82.3

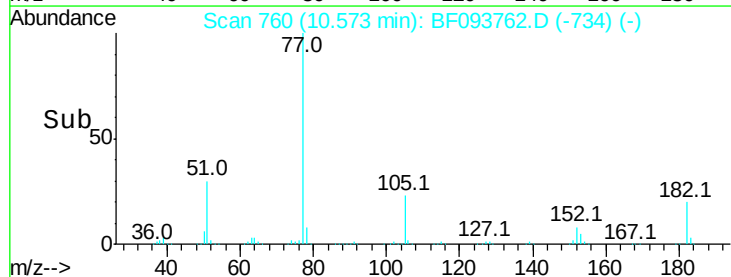
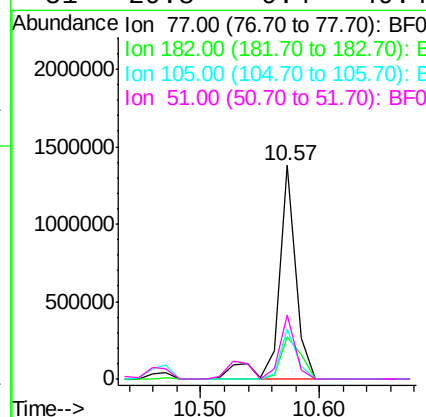
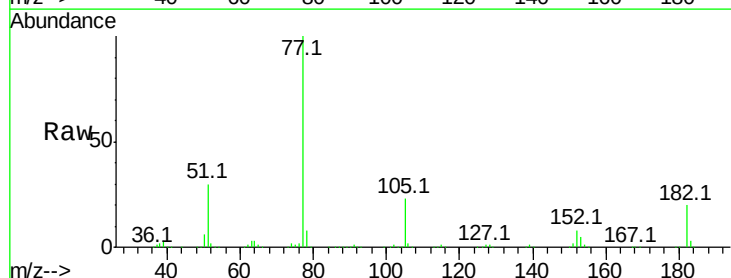
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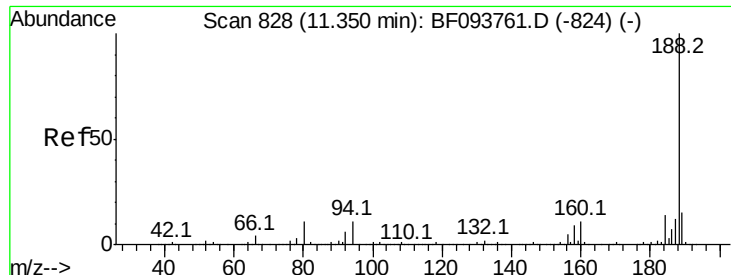
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#62
Azobenzene
Concen: 51.62 ng
RT: 10.57 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.1	40.1
105	23.3	3.6	43.6
51	29.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

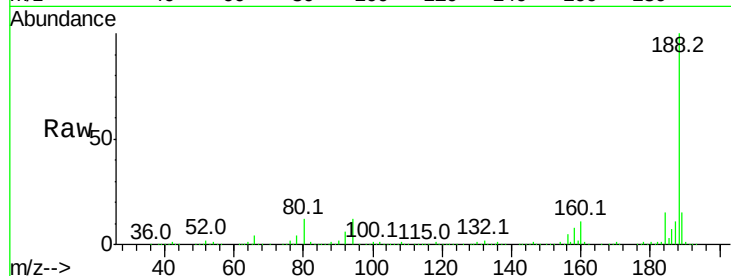
ClientSampleId :

SSTDICC050

Tot Ion:	188	Resp:	729505
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	12.2	10.2	15.2

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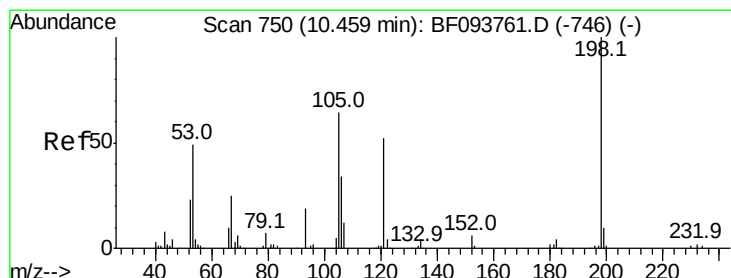
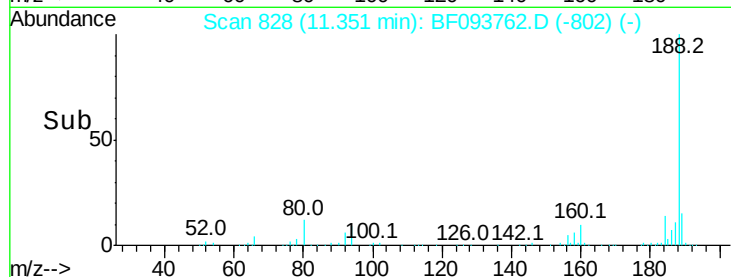
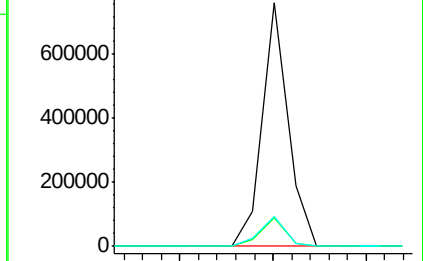
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 76.34 ng

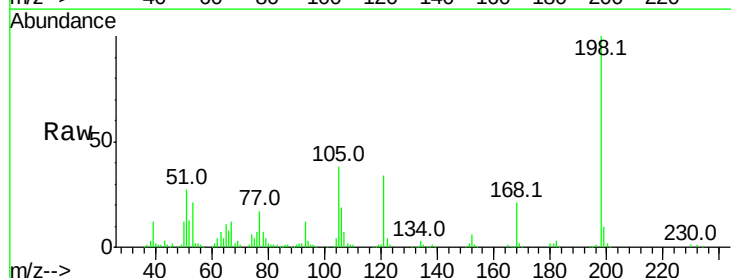
RT: 10.47 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

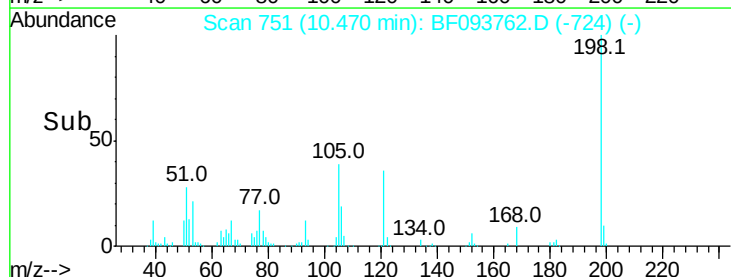
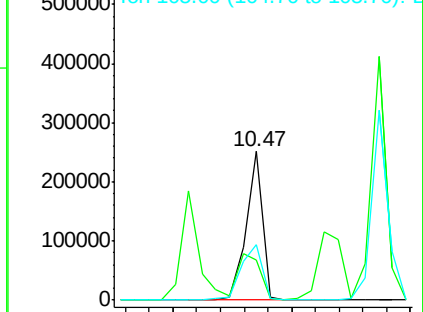
Tgt Ion:	198	Resp:	243453
Ion Ratio	Lower	Upper	
198	100		
51	27.2	53.2	93.2#
105	37.7	45.8	85.8#

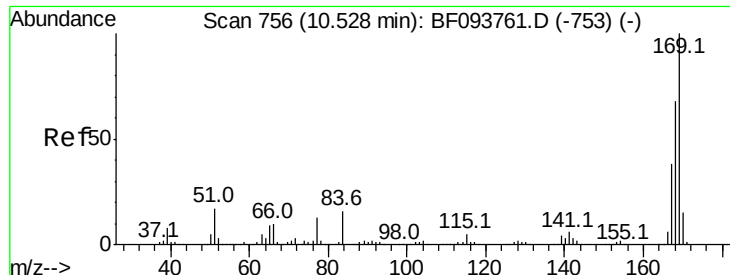


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





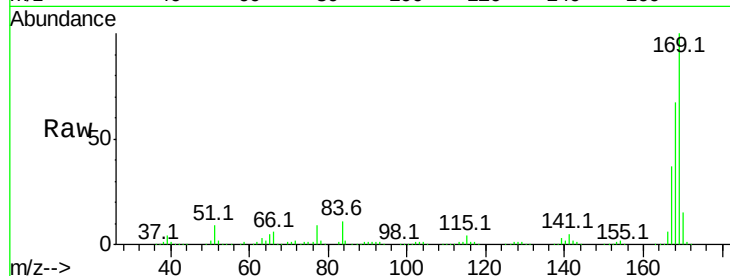
#65
 n-Nitrosodiphenylamine
 Concen: 50.45 ng
 RT: 10.54 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

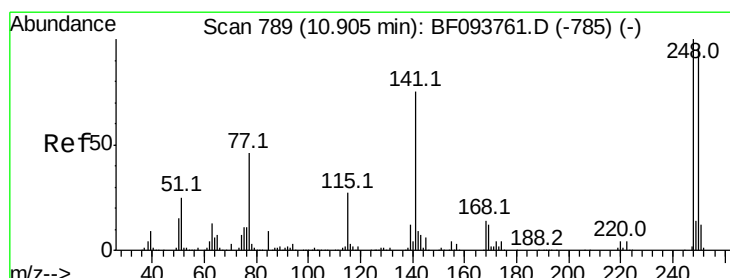
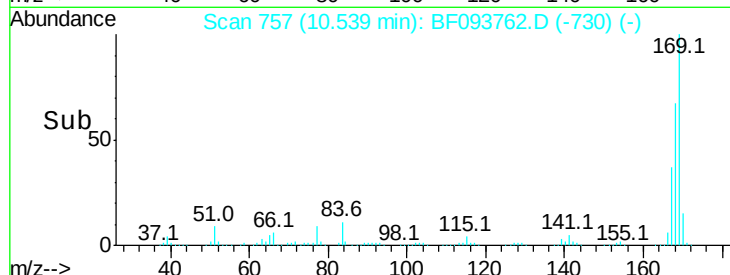
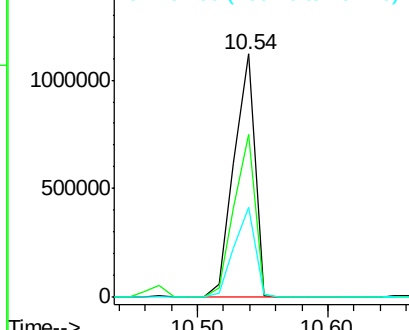
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.2	79.8
167	37.0	29.5	44.3

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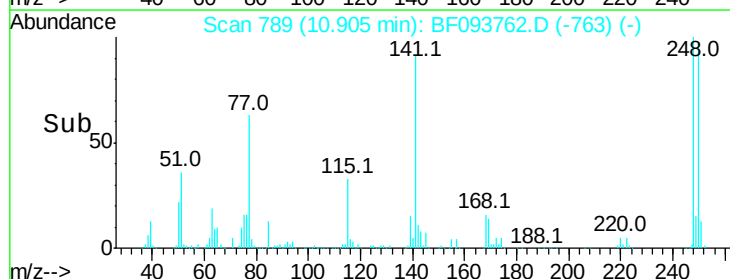
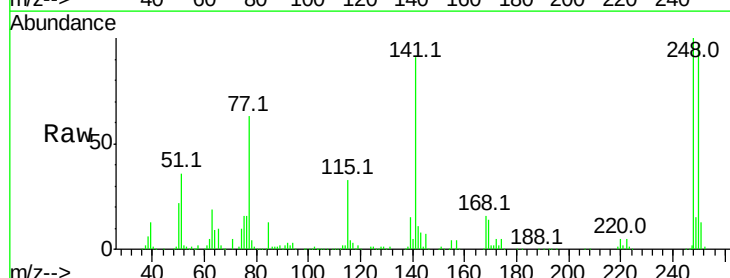
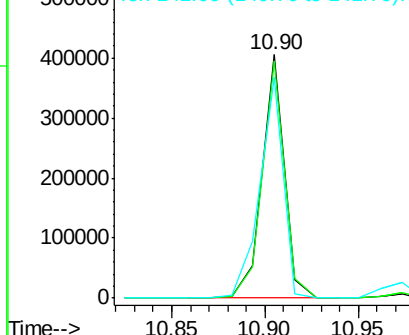
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

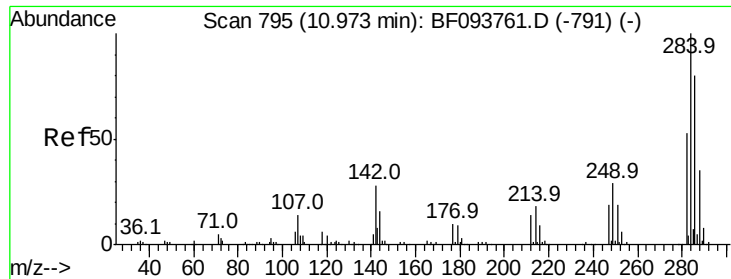


#66
 4-Bromophenyl-phenylether
 Concen: 49.20 ng
 RT: 10.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.8	115.2
141	90.6	68.6	103.0

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





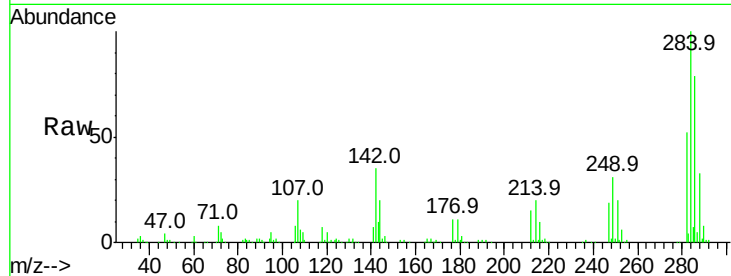
#67
Hexachlorobenzene
Concen: 49.75 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

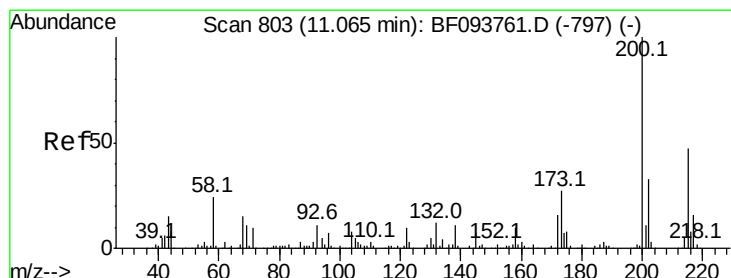
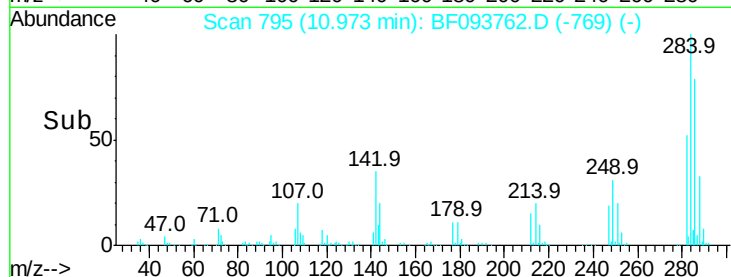
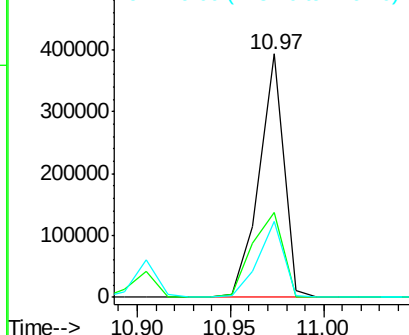
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.1	22.8	34.2	
249	31.4	24.0	36.0	

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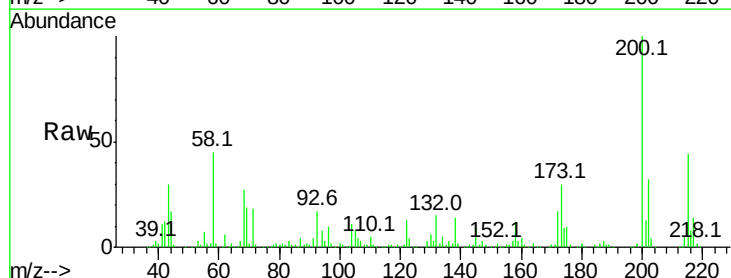


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

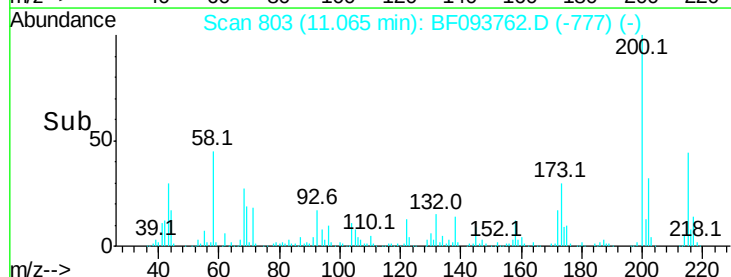
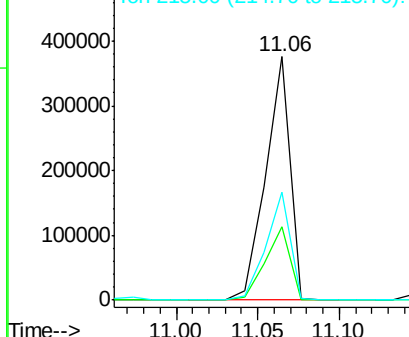


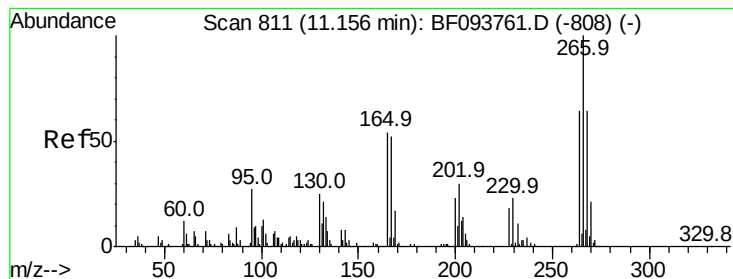
#68
Atrazine
Concen: 55.06 ng
RT: 11.06 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.9	6.3	46.3	
215	44.2	27.2	67.2	



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





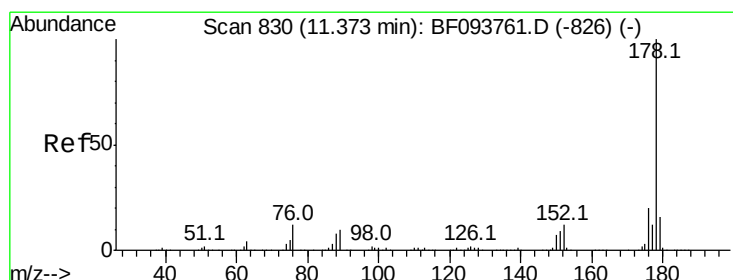
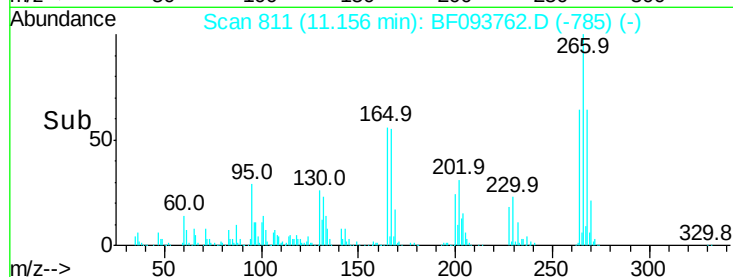
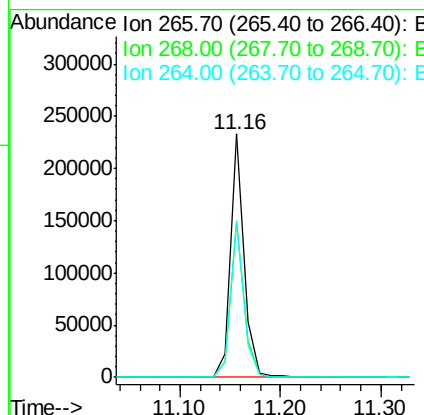
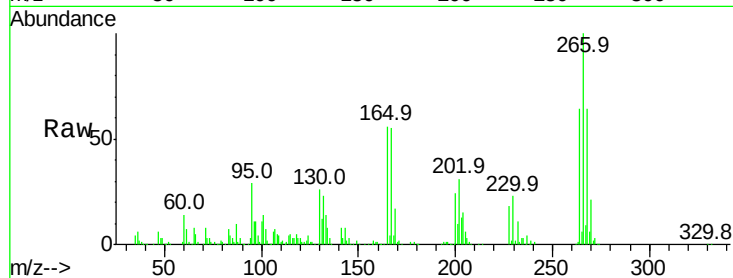
#69
 Pentachlorophenol
 Concen: 52.76 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	217880		
268	63.6		51.1	76.7
264	64.1		51.7	77.5

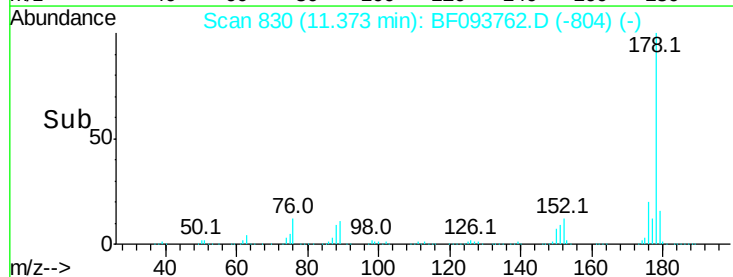
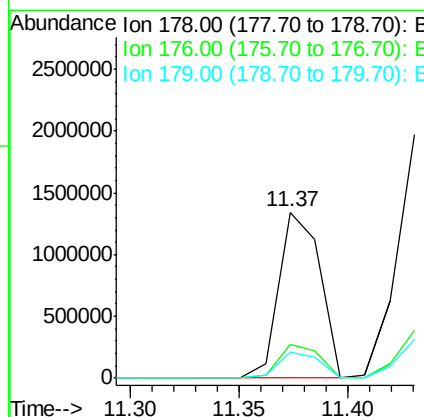
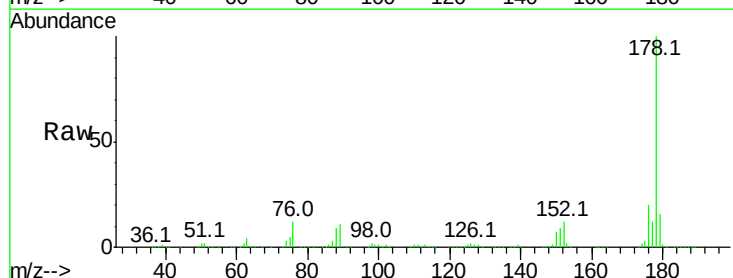
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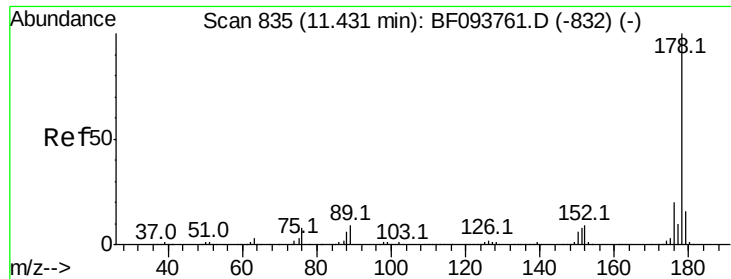
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#70
 Phenanthrene
 Concen: 43.19 ng
 RT: 11.37 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1781300		
176	20.0		16.2	24.4
179	15.9		12.6	19.0





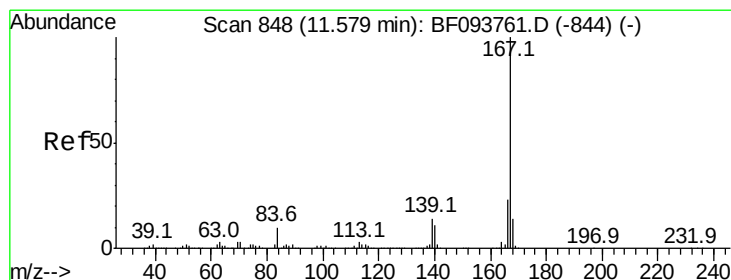
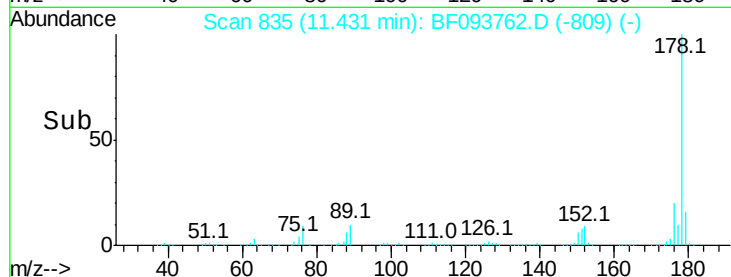
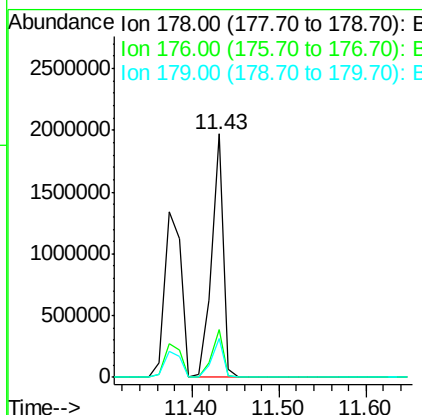
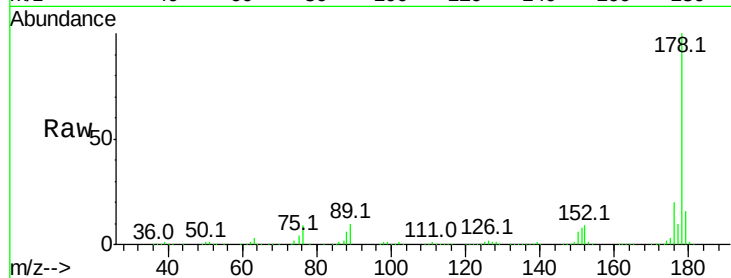
#71
 Anthracene
 Concen: 45.91 ng
 RT: 11.43 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1852730
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.1 12.7 19.1

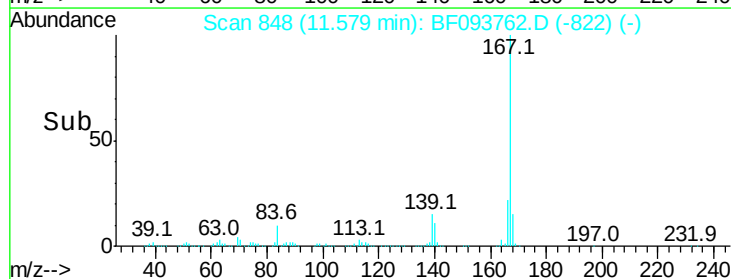
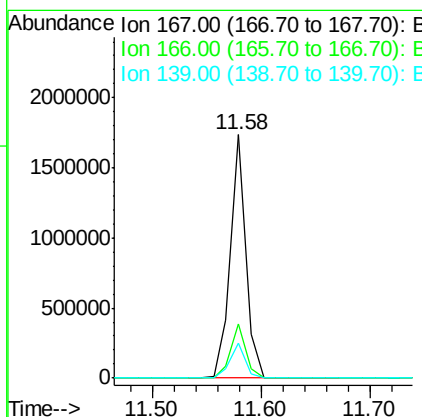
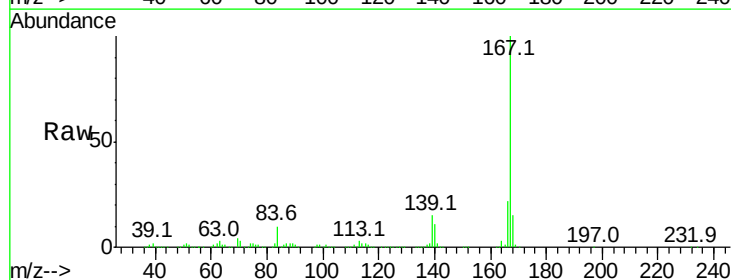
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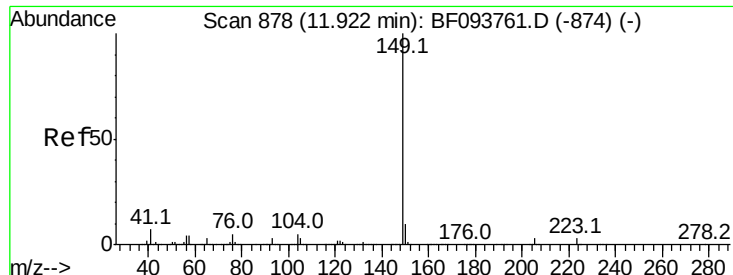
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#72
 Carbazole
 Concen: 40.45 ng
 RT: 11.58 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:167 Resp: 1708620
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.67 ng

RT: 11.92 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2015433

Ion Ratio Lower Upper

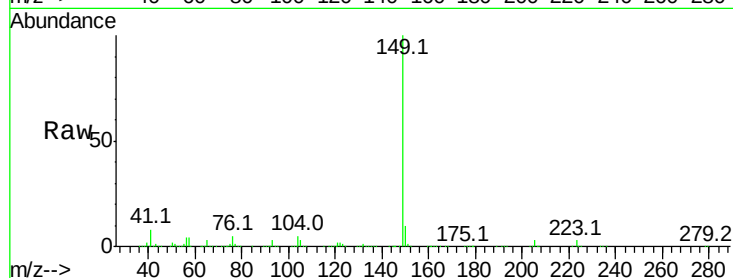
149 100

150 9.9 7.7 11.5

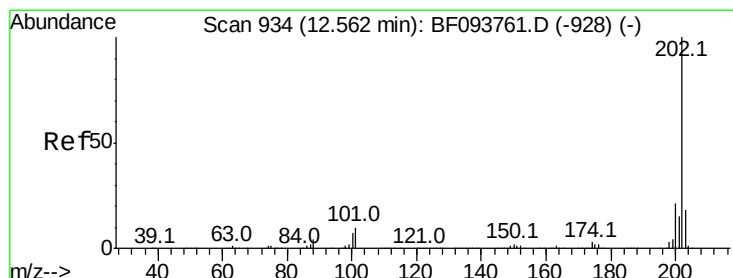
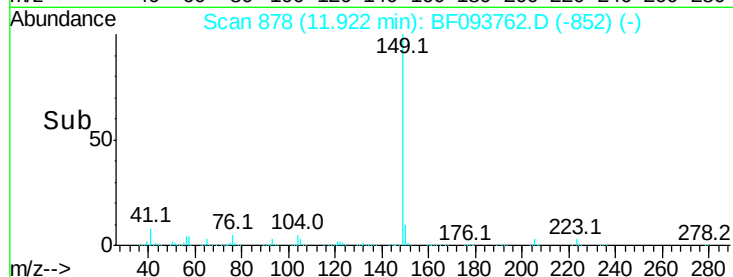
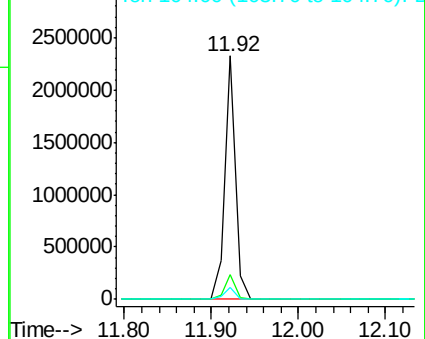
104 4.9 4.0 6.0

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



#74

Fluoranthene

Concen: 47.85 ng

RT: 12.56 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

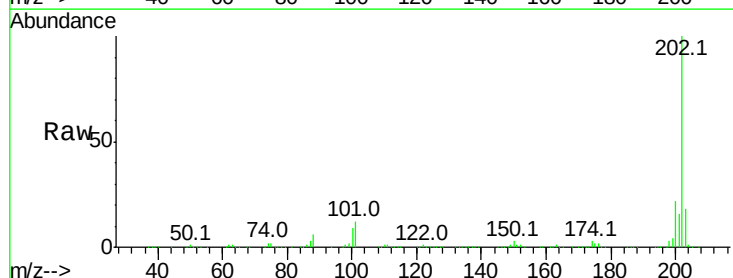
Tgt Ion:202 Resp: 1912685

Ion Ratio Lower Upper

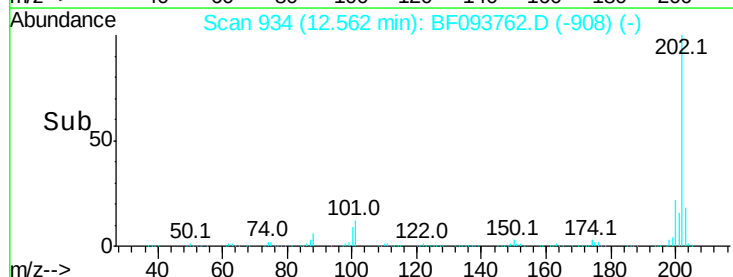
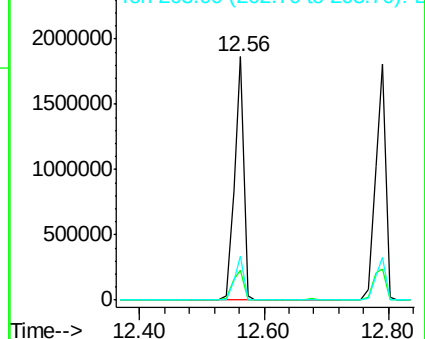
202 100

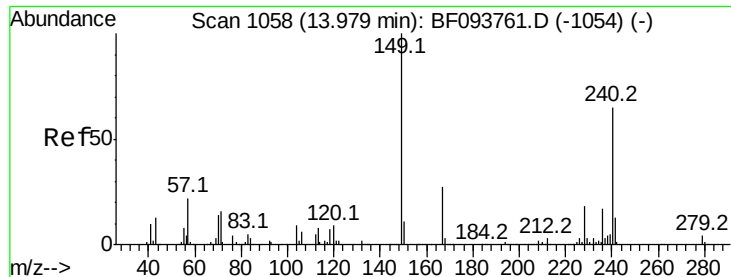
101 12.4 0.0 33.2

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampled :

SSTDIC050

Tot Ion:240 Resp: 452306

Ion Ratio Lower Upper

240 100

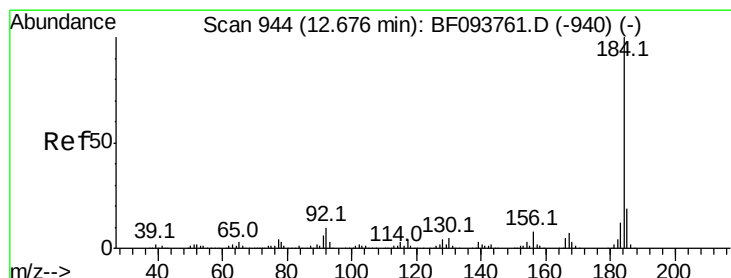
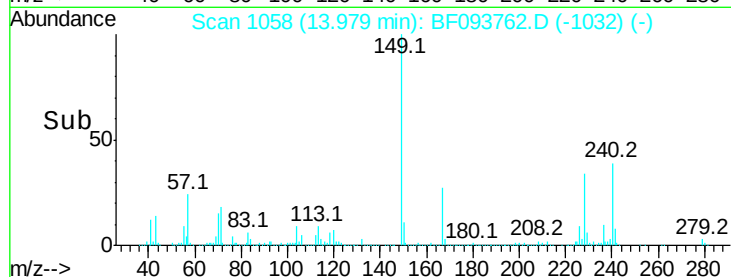
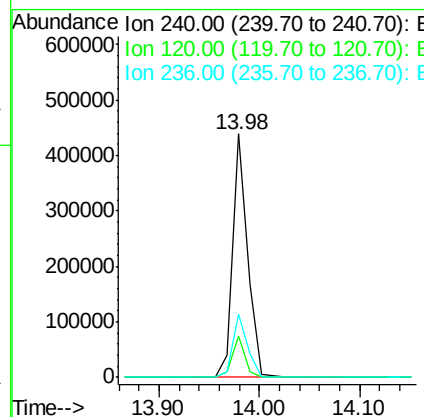
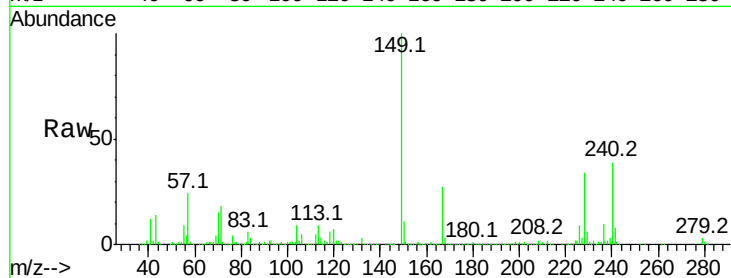
120 16.9 5.8 8.8#

236 25.7 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 56.23 ng

RT: 12.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

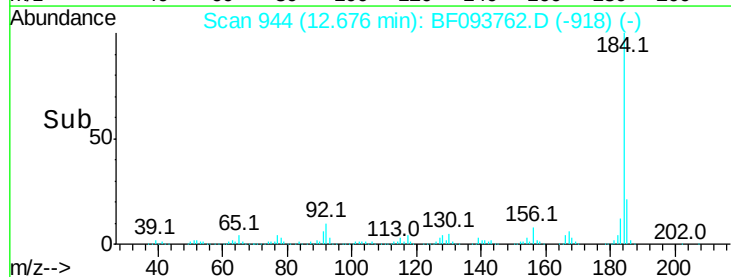
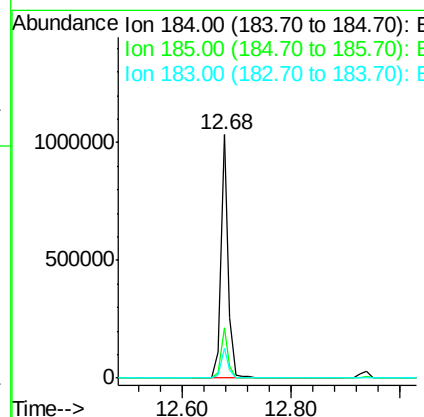
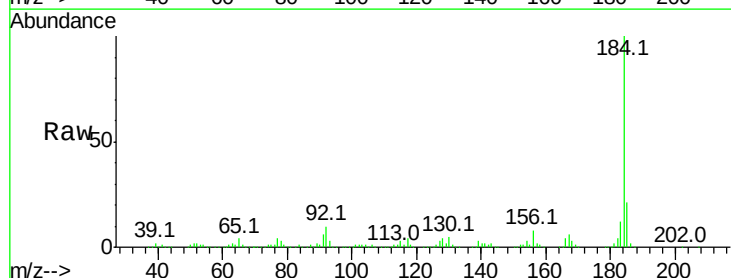
Tgt Ion:184 Resp: 993757

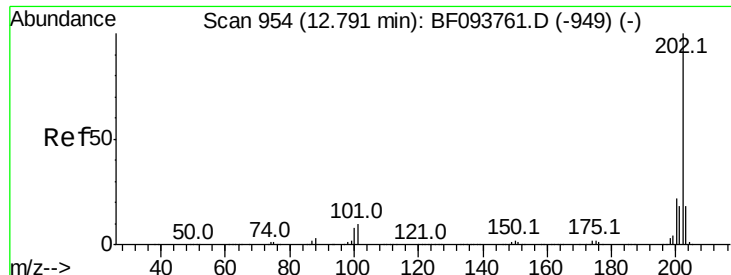
Ion Ratio Lower Upper

184 100

185 20.6 15.5 23.3

183 12.1 9.8 14.6





#77

Pvrene

Concen: 52.44 ng

RT: 12.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 2017226

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

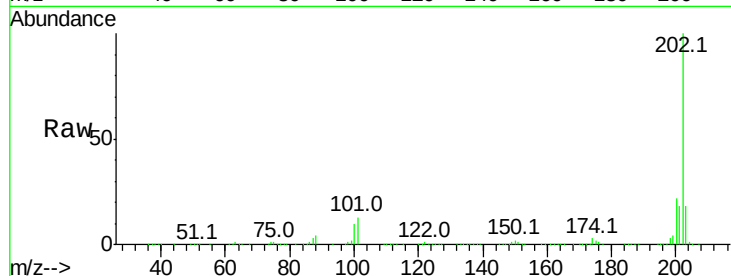
203 18.0 14.4 21.6

Manual Integrations

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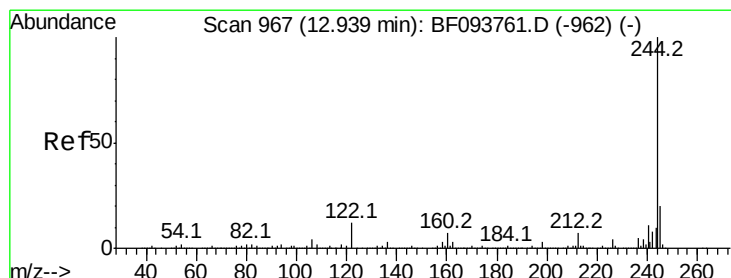
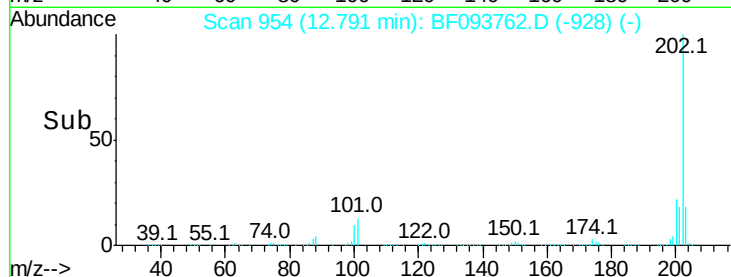
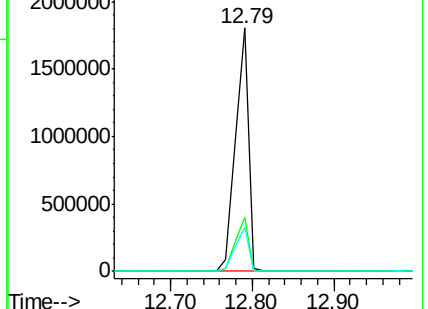
3/21/2017 2:45:15 PM



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: 100.10 ng

RT: 12.94 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

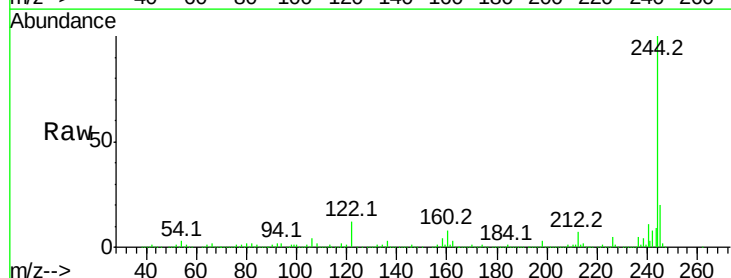
Tgt Ion:244 Resp: 2103458

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

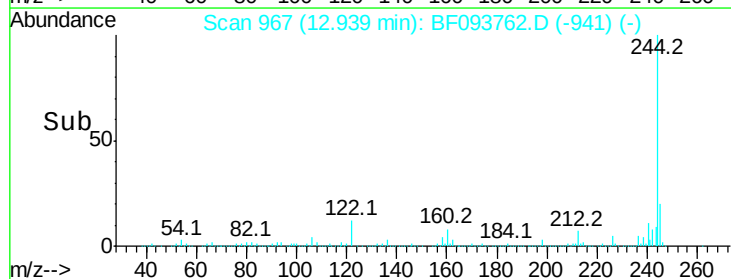
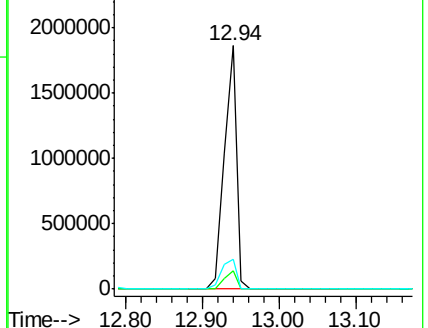
122 12.4 10.3 15.5

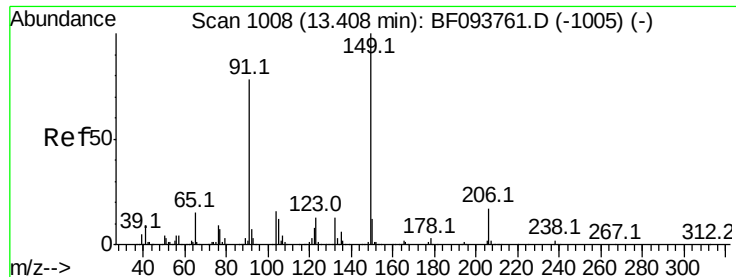


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.05 ng

RT: 13.41 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

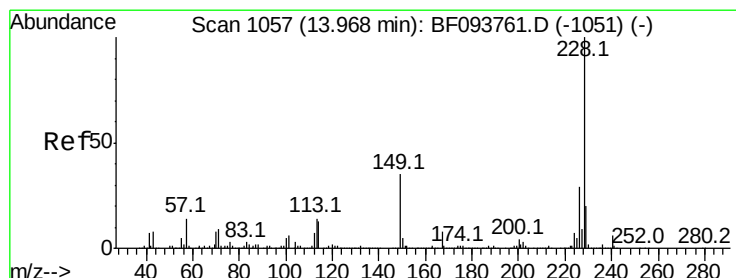
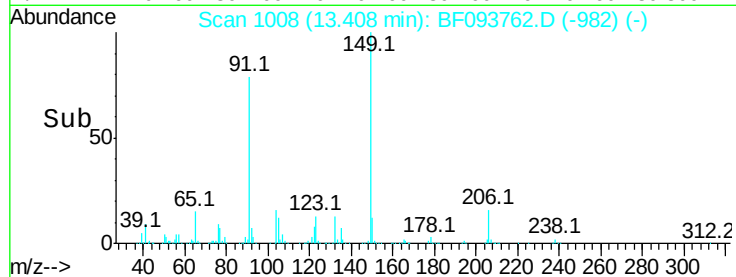
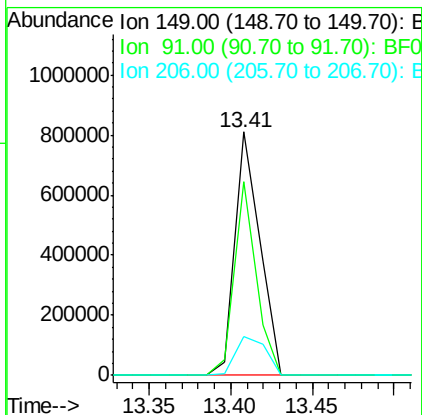
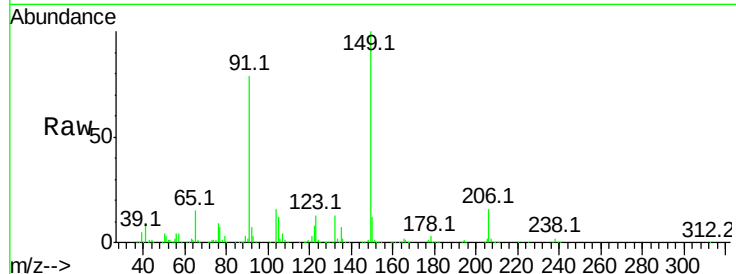
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	850499
Ion Ratio	Lower	Upper	
149	100		
91	79.4	45.0	67.4#
206	16.0	17.0	25.6#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 49.62 ng

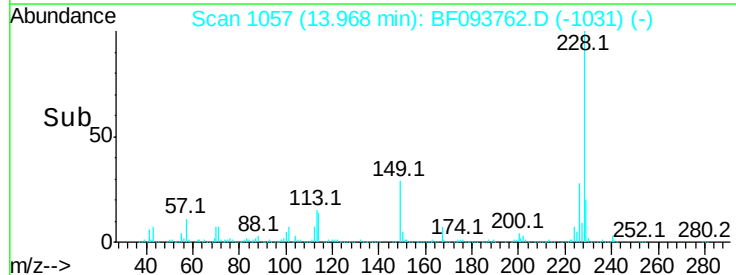
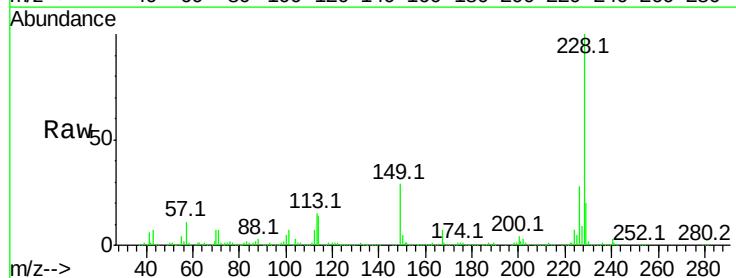
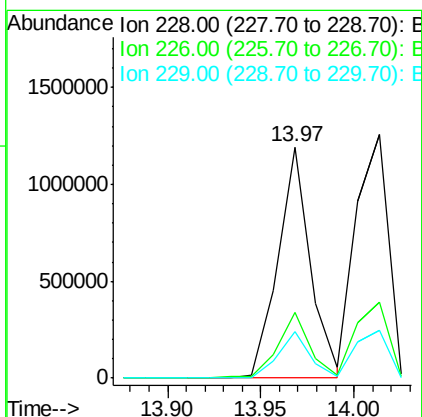
RT: 13.97 min Scan# 1057

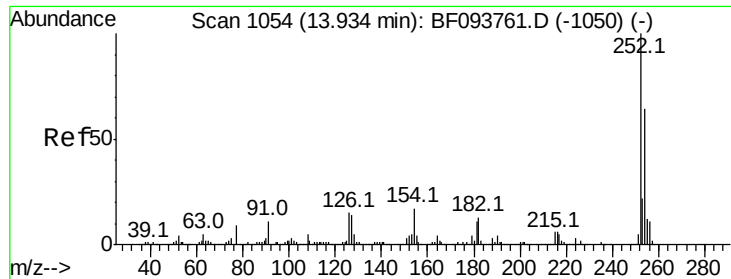
Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:	228	Resp:	1440475
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.3	16.3	24.5





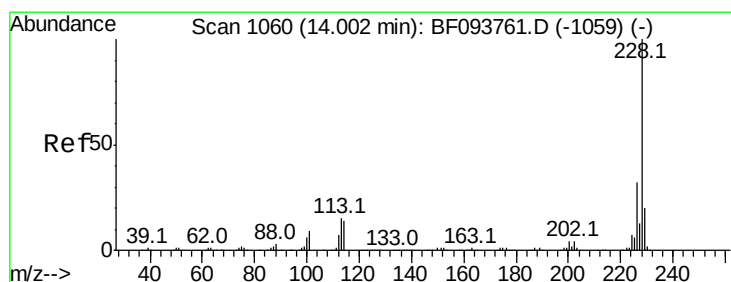
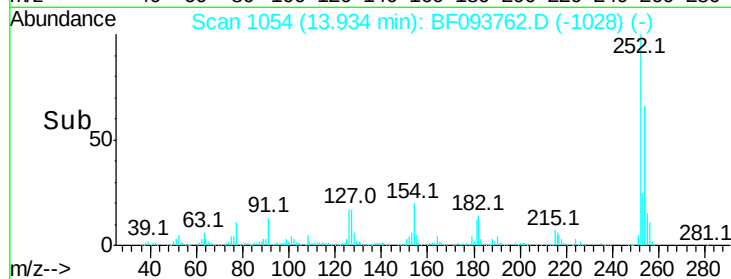
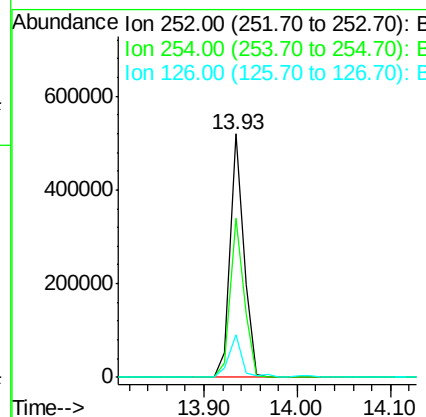
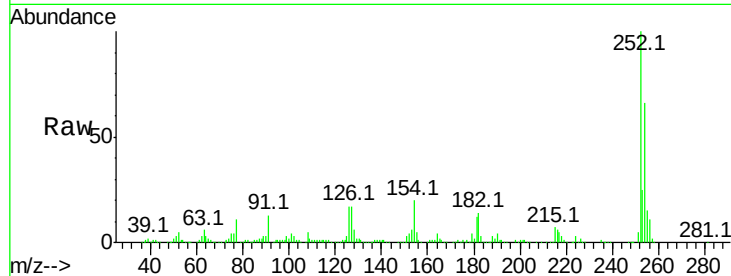
#81
 3,3'-Dichlorobenzidine
 Concen: 52.55 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	17.5	15.8	23.8

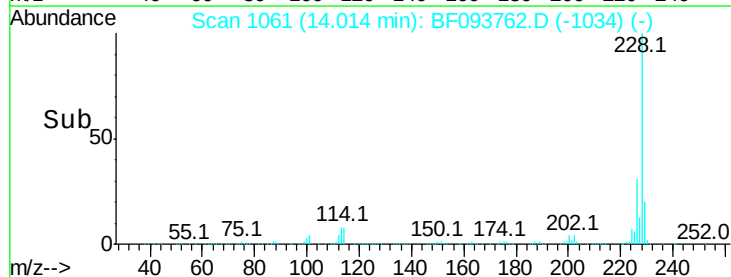
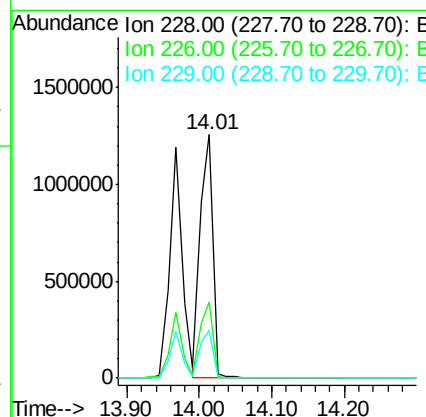
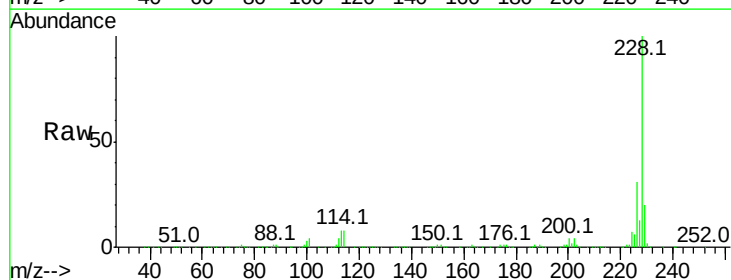
Manual Integrations
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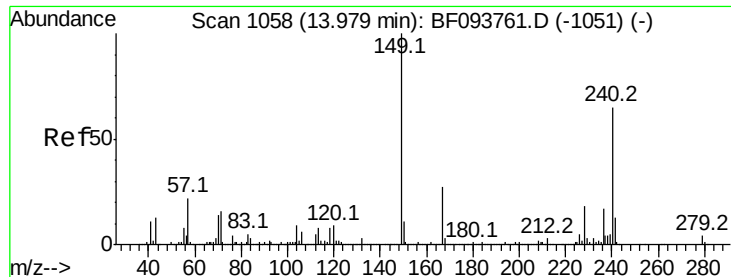
mohammad
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#82
 Chrysene
 Concen: 54.43 ng
 RT: 14.01 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.6	15.8	23.6





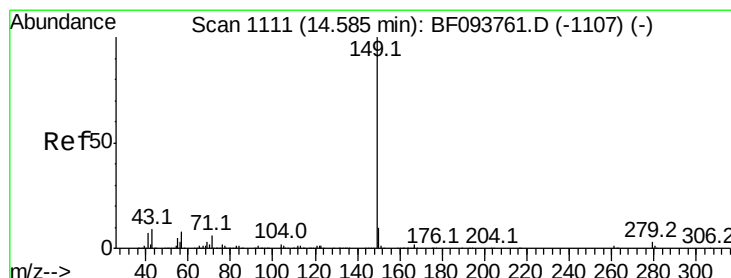
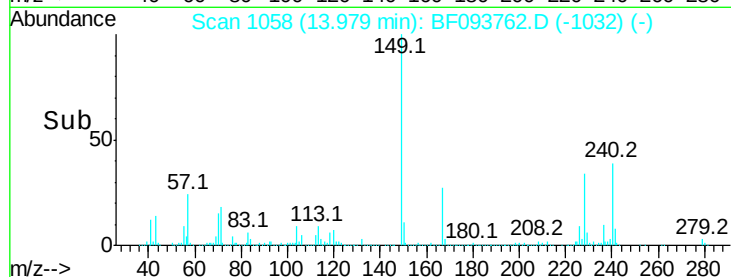
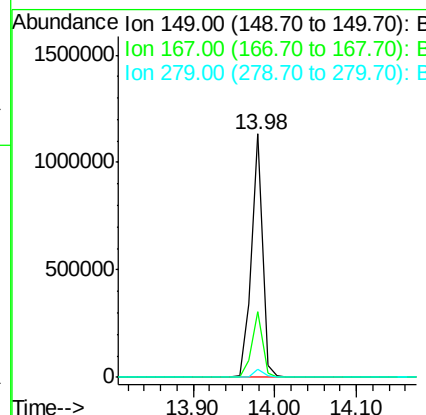
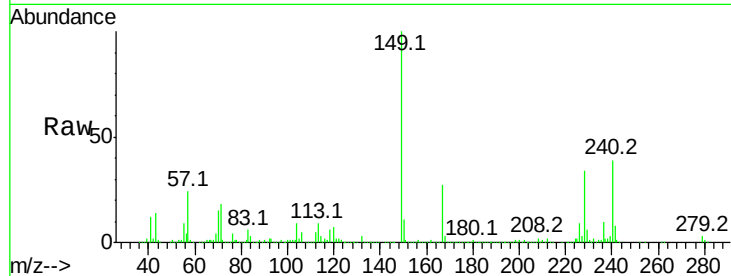
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.36 ng
 RT: 13.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:149 Resp: 1066469
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.3 1.9 2.9#

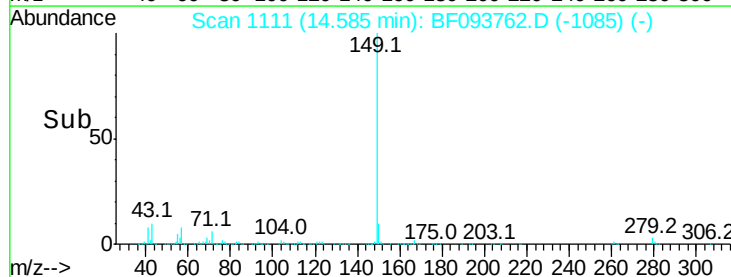
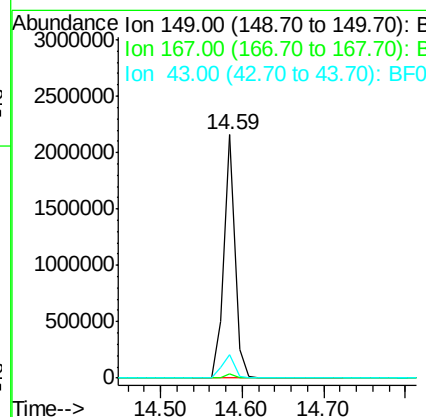
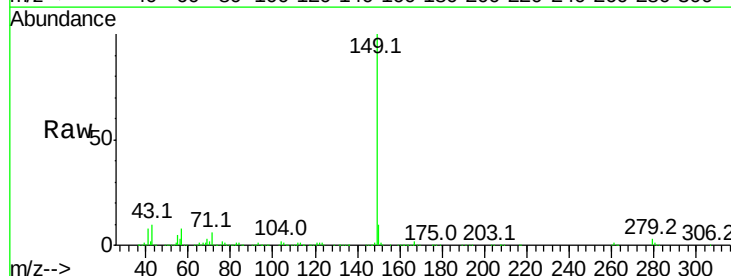
Manual Integrations
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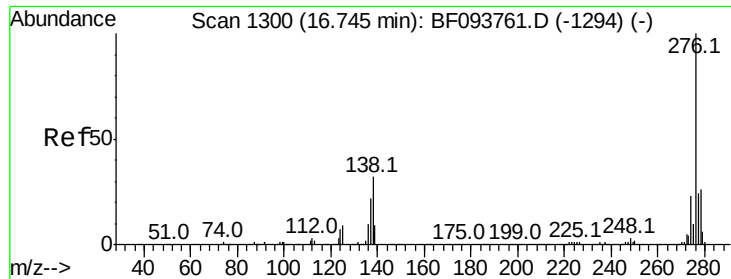
mohammad
 3/21/2017 2:45:15 PM



#84
 Di-n-octyl phthalate
 Concen: 61.22 ng
 RT: 14.59 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:149 Resp: 2027915
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.8 8.5 12.7





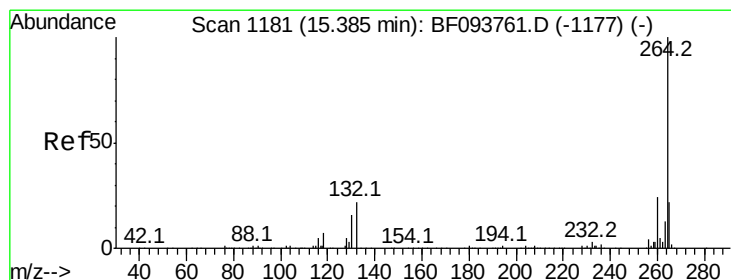
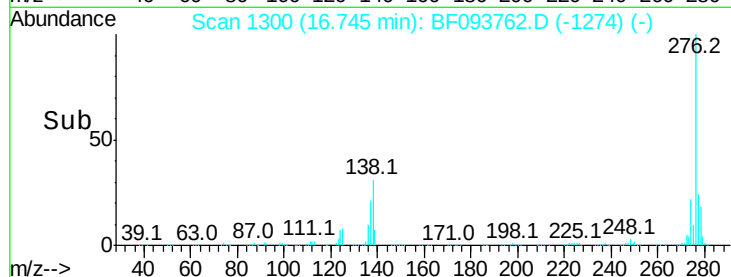
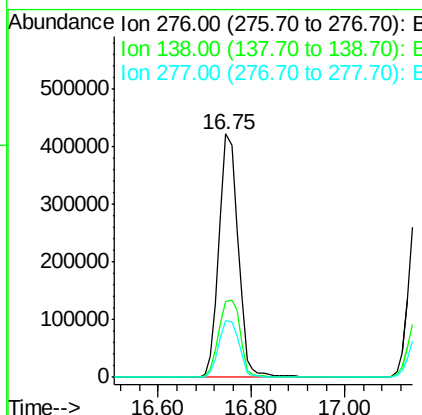
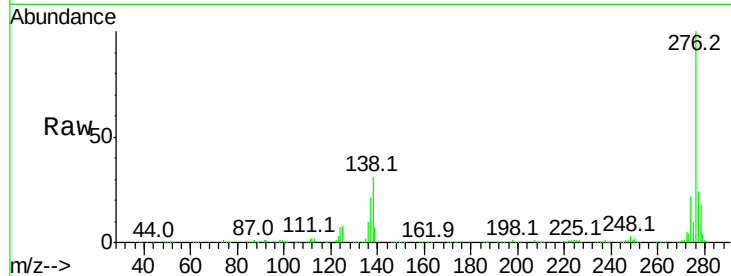
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.45 ng
 RT: 16.75 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.2	20.2	30.4

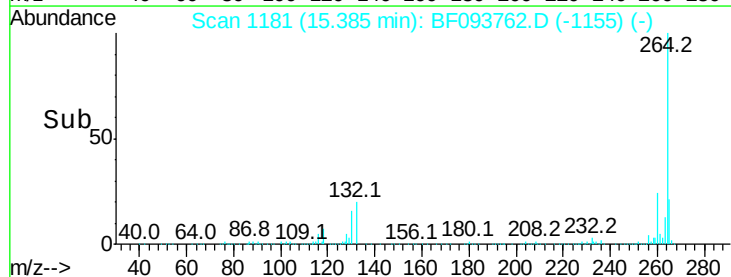
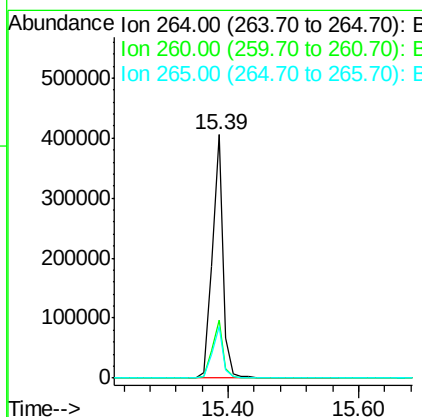
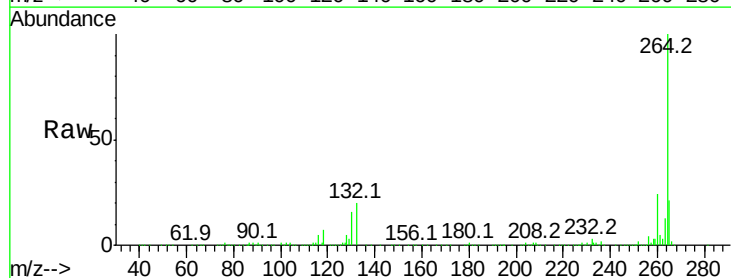
Manual Integrations
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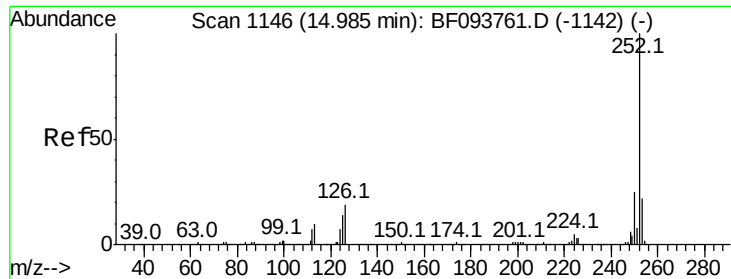
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 57.84 ng m

RT: 14.99 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1732352

Ion Ratio Lower Upper

252 100

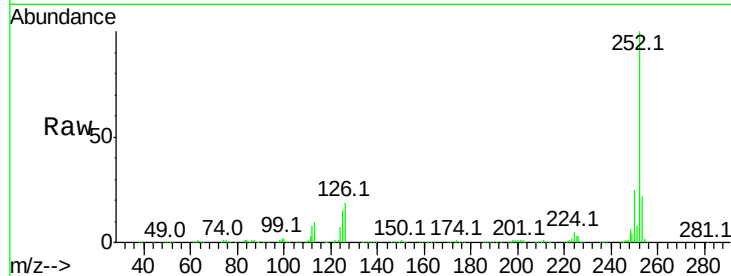
253 22.2 18.1 27.1

125 14.9 9.8 14.8#

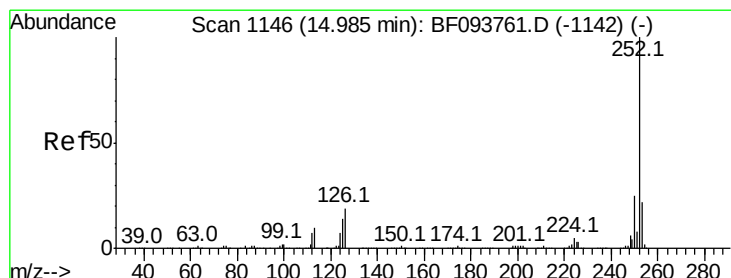
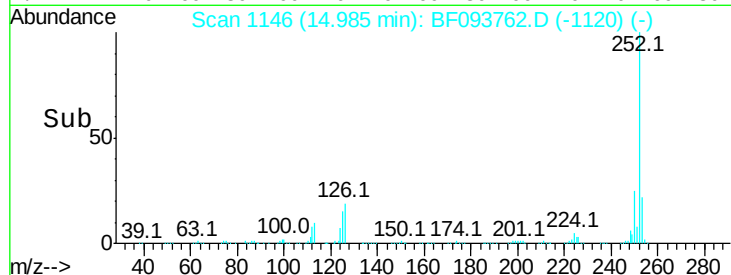
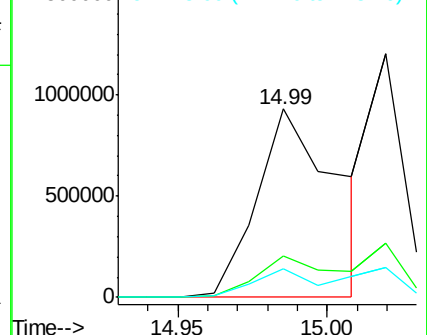
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.17 ng m

RT: 15.02 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

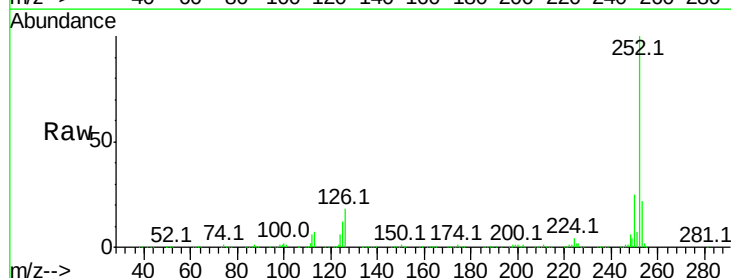
Tgt Ion:252 Resp: 930857

Ion Ratio Lower Upper

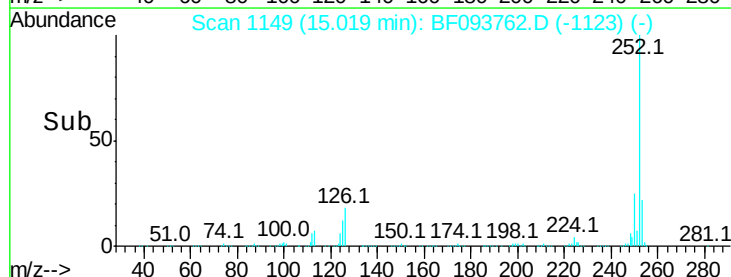
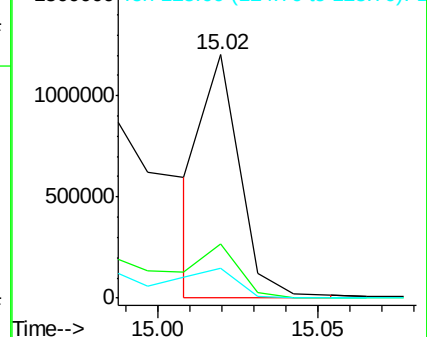
252 100

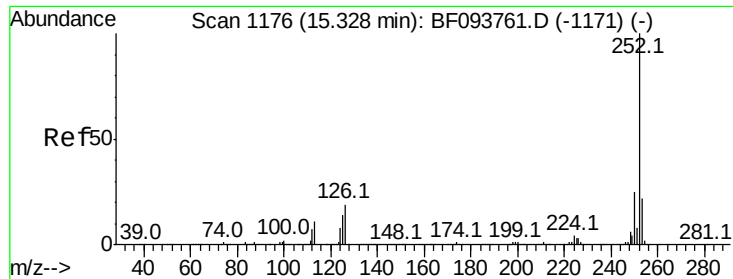
253 22.5 18.4 27.6

125 12.3 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





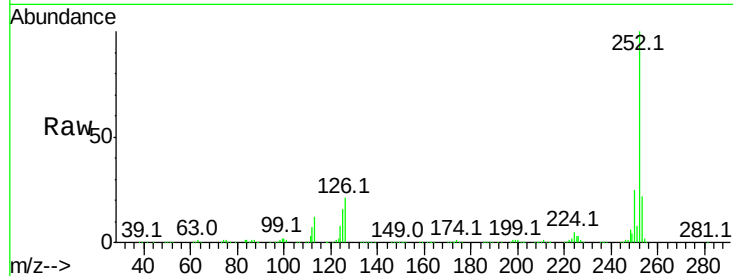
#89
Benzo(a)pyrene
Concen: 46.59 ng
RT: 15.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

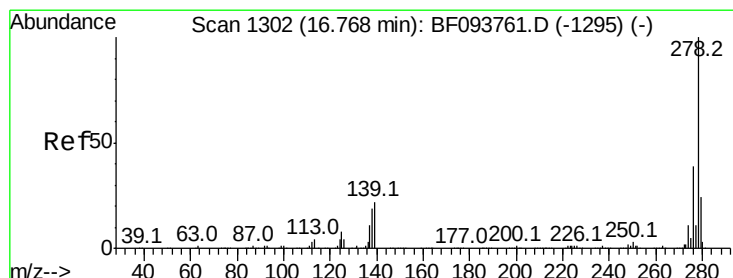
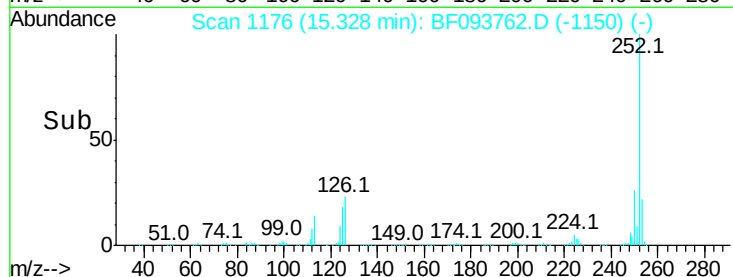
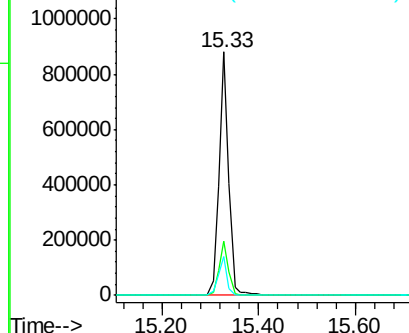
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.9	11.0	16.4

Manual Integrations
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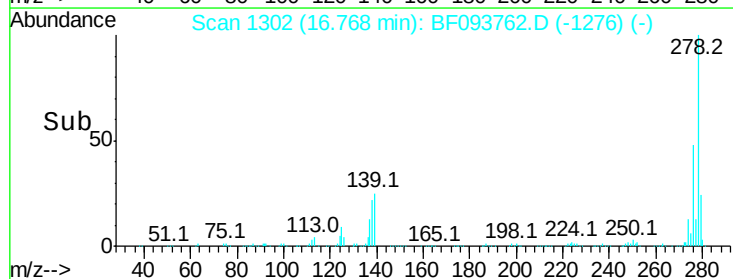
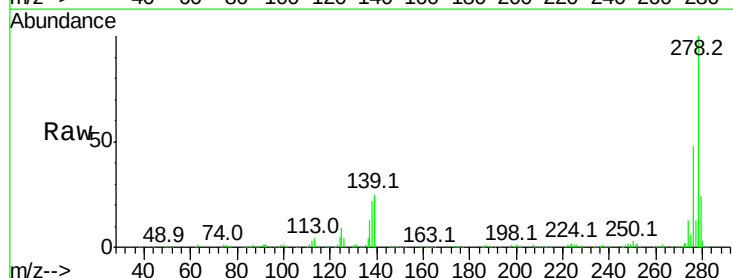
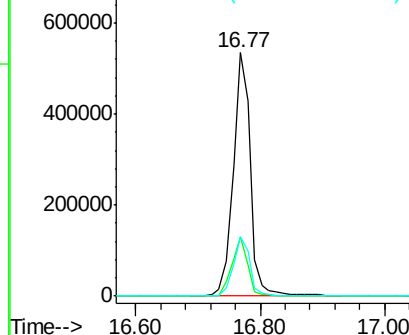
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

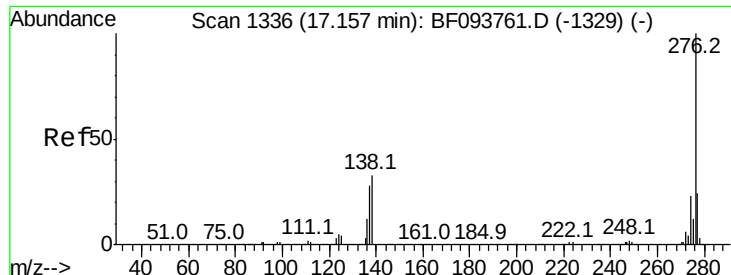


#90
Dibenzo(a,h)anthracene
Concen: 45.85 ng
RT: 16.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	16.6	24.8
279	24.3	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.58 ng
 RT: 17.17 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	26.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:45:15 PM

