

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093763.D
 Acq On : 20 Mar 2017 13:38
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:44:58 PM

Quant Time: Mar 20 15:54:58 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 11:55:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216367	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	890859	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	410094	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	679122	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	406355	20.00	ng	-0.02
86) Perylene-d12	15.39	264	401237	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1357317	104.59	ng	-0.01
7) Phenol-d6	6.47	99	1759823	109.41	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1717080	115.68	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	358534	133.58	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2503168	115.18	ng	-0.01
78) Terphenyl-d14	12.94	244	2177761	115.35	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.44	88	372567	55.59	ng	99
3) Pyridine	3.14	79	1027766	56.07	ng	100
4) n-Nitrosodimethylamine	3.09	42	447332	55.77	ng	97
6) Aniline	6.50	93	1206184	52.45	ng	97
8) 2-Chlorophenol	6.63	128	798595	55.34	ng	86
9) Benzaldehyde	6.38	77	612921	65.81	ng	96
10) Phenol	6.49	94	1002556	53.31	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	796420	53.74	ng	96
12) 1,3-Dichlorobenzene	6.78	146	843690	52.78	ng	98
13) 1,4-Dichlorobenzene	6.86	146	923754	56.43	ng	98
14) 1,2-Dichlorobenzene	7.02	146	782569m	51.12	ng	
15) Benzyl Alcohol	6.98	79	647526	53.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1277558	54.68	ng	100
17) 2-Methylphenol	7.10	107	683817	54.75	ng	99
18) Hexachloroethane	7.36	117	332572	57.18	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	600444	56.22	ng	97
20) 3+4-Methylphenols	7.26	107	798140	53.90	ng	94
22) Acetophenone	7.26	105	1068900	53.85	ng	# 94
24) Nitrobenzene	7.43	77	905096	56.41	ng	# 81
25) Isophorone	7.67	82	1628447	57.00	ng	97
26) 2-Nitrophenol	7.74	139	427194	70.32	ng	94
27) 2,4-Dimethylphenol	7.78	122	783789	56.38	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	979415	54.31	ng	100
29) 2,4-Dichlorophenol	7.98	162	659992	55.26	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	696642	55.96	ng	98
31) Naphthalene	8.15	128	2400473	55.27	ng	99
32) Benzoic acid	7.92	122	563853	77.51	ng	99
33) 4-Chloroaniline	8.20	127	1036959	57.00	ng	# 92
34) Hexachlorobutadiene	8.28	225	370378	56.80	ng	98
35) Caprolactam	8.58	113	246076	61.38	ng	# 77
36) 4-Chloro-3-methylphenol	8.68	107	643461	51.17	ng	86
37) 2-Methylnaphthalene	8.84	142	1407732	50.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	600675	62.56	ng	99
40) Hexachlorocyclopentadiene	9.00	237	300901	62.72	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	448925	63.40	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	474380	64.98	nq	# 86
45) 1,1'-Biphenyl	9.30	154	1693213	58.88	nq	98
46) 2-Chloronaphthalene	9.33	162	1416322	61.38	nq	95
47) 2-Nitroaniline	9.42	65	462248	69.25	nq	# 69
48) Acenaphthylene	9.74	152	2111148	56.11	nq	99
49) Dimethylphthalate	9.61	163	1708282	63.77	nq	99
50) 2,6-Dinitrotoluene	9.66	165	357889	61.86	nq	# 77
51) Acenaphthene	9.91	154	1254599	56.58	nq	99
52) 3-Nitroaniline	9.83	138	477671	69.58	nq	86
53) 2,4-Dinitrophenol	9.93	184	167780	97.31	nq	# 47
54) Dibenzofuran	10.08	168	1719640	57.05	nq	97
55) 4-Nitrophenol	9.98	139	309457	59.76	nq	# 62
56) 2,4-Dinitrotoluene	10.06	165	450973	58.56	nq	# 76
57) Fluorene	10.42	166	1275455	52.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	307166	61.19	nq	97
59) Diethylphthalate	10.31	149	1604016	62.91	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	554569	53.83	nq	99
61) 4-Nitroaniline	10.44	138	419001	65.59	nq	91
62) Azobenzene	10.57	77	1522197	59.09	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	256115	86.27	nq	# 73
65) n-Nitrosodiphenylamine	10.54	169	1336422	58.29	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	368587	57.41	nq	96
67) Hexachlorobenzene	10.97	284	377961	56.33	nq	# 87
68) Atrazine	11.07	200	383848	58.14	nq	94
69) Pentachlorophenol	11.16	266	239286	62.25	nq	100
70) Phenanthrene	11.39	178	2091345	54.47	nq	99
71) Anthracene	11.43	178	1897259	50.50	nq	99
72) Carbazole	11.58	167	1870512	47.56	nq	100
73) Di-n-butylphthalate	11.92	149	2112053	52.53	nq	99
74) Fluoranthene	12.56	202	2059324	55.35	nq	99
76) Benzidine	12.68	184	1060178	66.77	nq	96
77) Pyrene	12.79	202	2184215	63.20	nq	100
79) Butylbenzylphthalate	13.41	149	954847	65.04	nq	# 74
80) Benzo(a)anthracene	13.97	228	1522748	58.39	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	570380	62.35	nq	98
82) Chrysene	14.01	228	1633520	64.81	nq	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1170564	72.52	nq	# 98
84) Di-n-octyl phthalate	14.59	149	2173184	73.03	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1247835	58.45	nq	99
87) Benzo(b)fluoranthene	14.99	252	1784633m	70.17	nq	
88) Benzo(k)fluoranthene	15.02	252	972785m	43.28	nq	
89) Benzo(a)pyrene	15.33	252	1252460	55.72	nq	97
90) Dibenzo(a,h)anthracene	16.77	278	1069281	56.22	nq	96
91) Benzo(g,h,i)perylene	17.17	276	1063615	54.99	nq	96

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

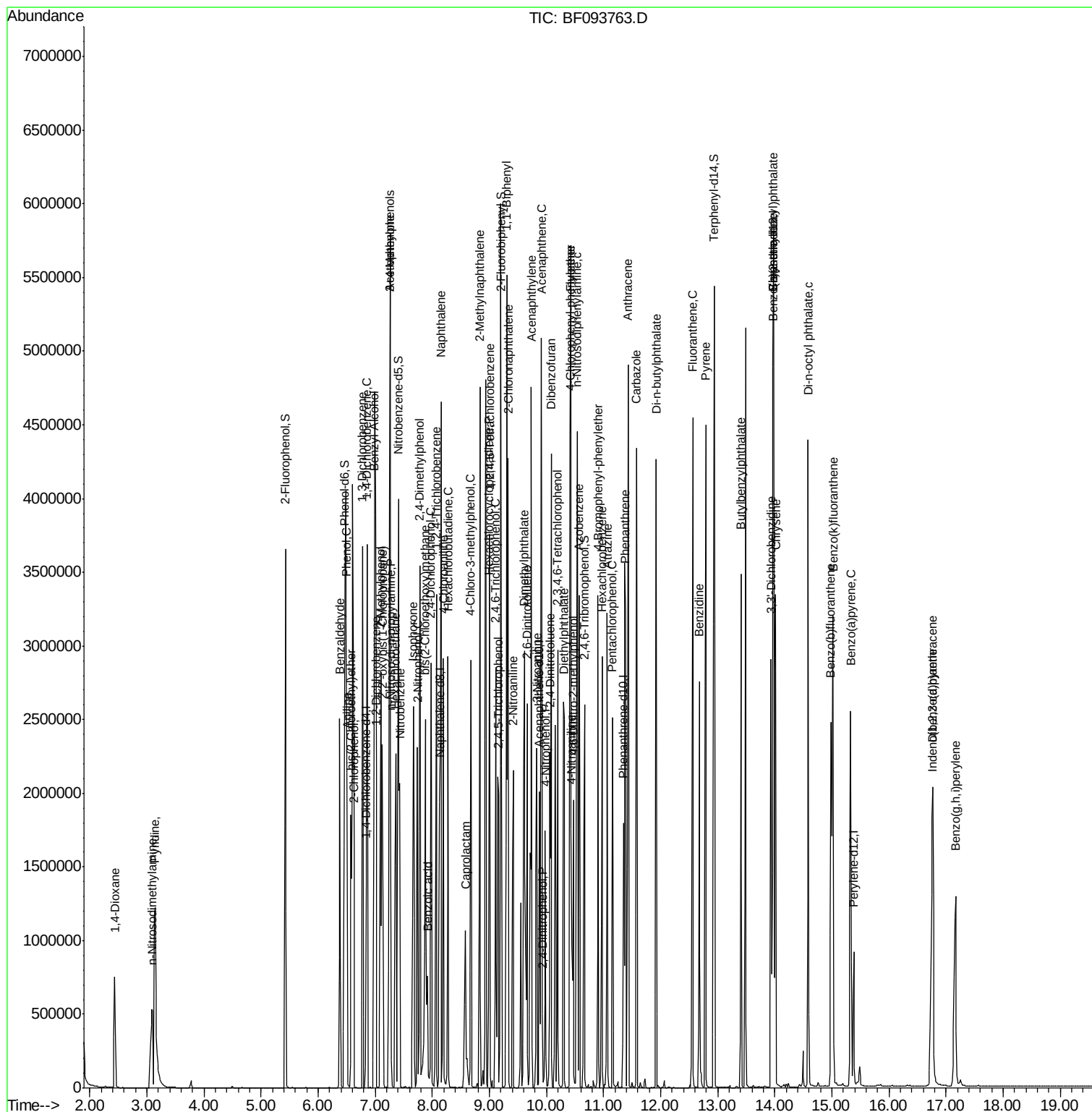
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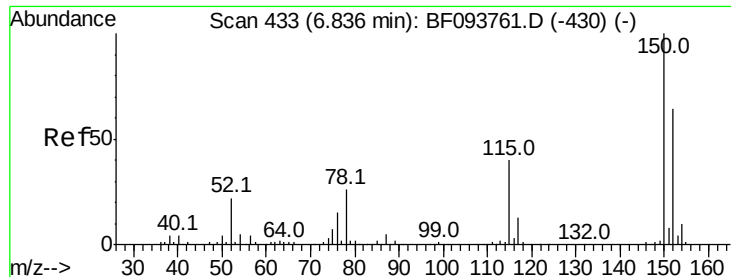
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 SSTDICC060

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 216367

Ion Ratio Lower Upper

152 100

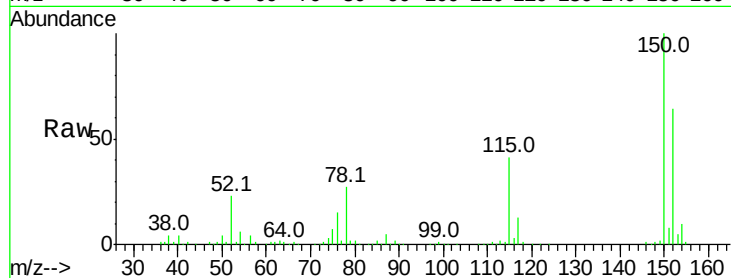
150 155.2 126.2 189.2

115 64.0 52.2 78.2

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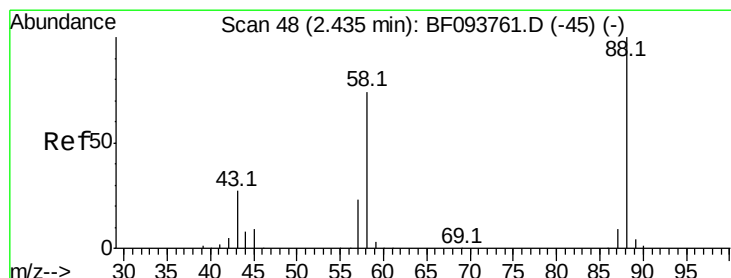
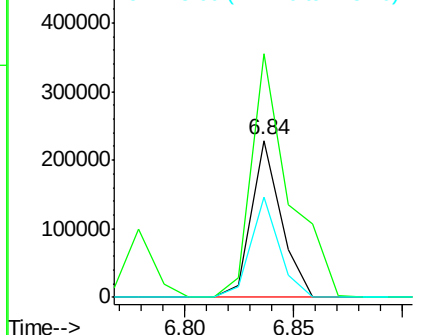
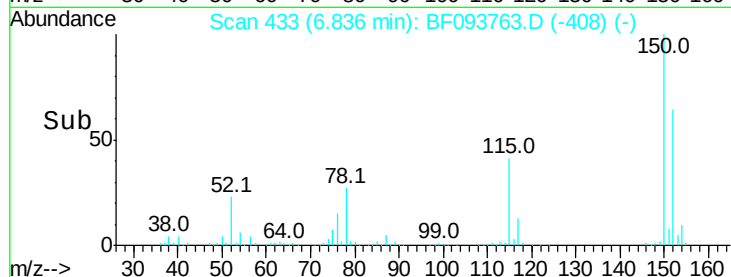
3/21/2017 2:44:58 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 55.59 ng

RT: 2.44 min Scan# 48

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

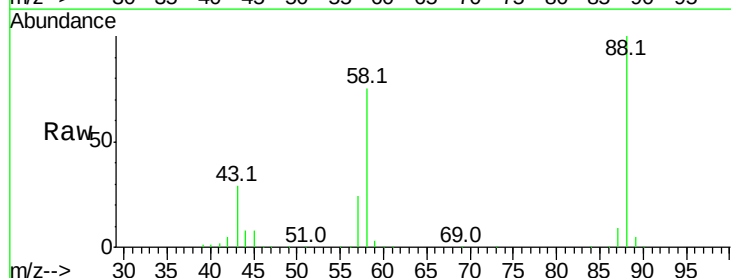
Tgt Ion: 88 Resp: 372567

Ion Ratio Lower Upper

88 100

58 75.9 61.4 92.0

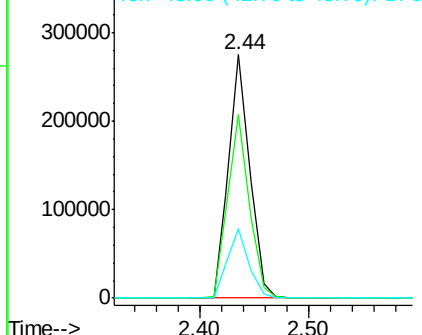
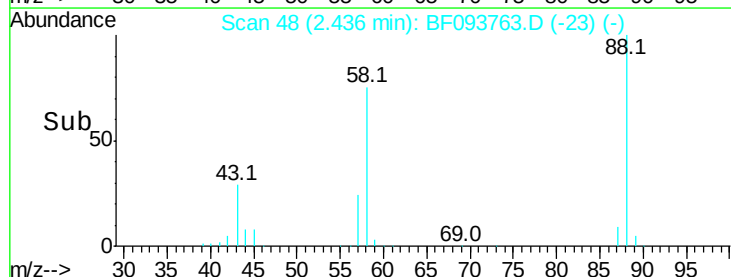
43 28.4 23.4 35.0

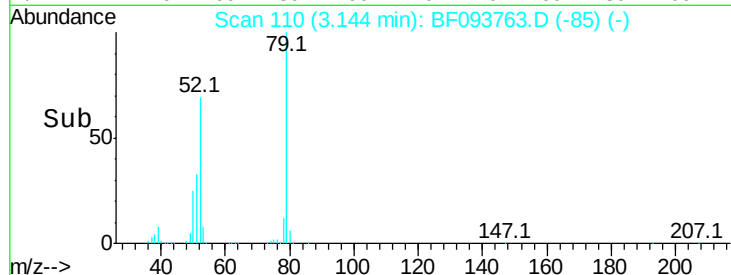
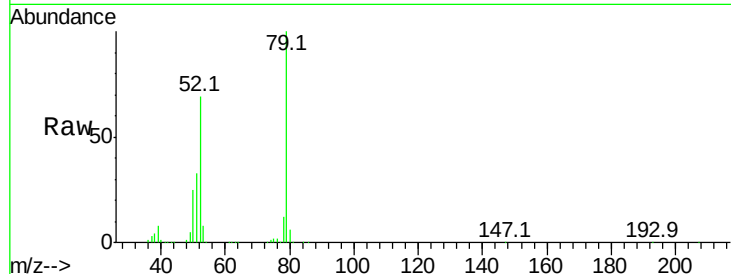
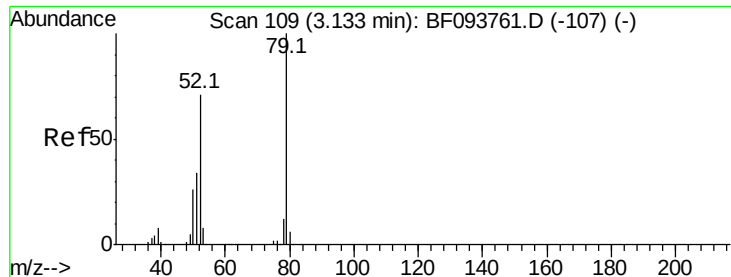


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 56.07 ng

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

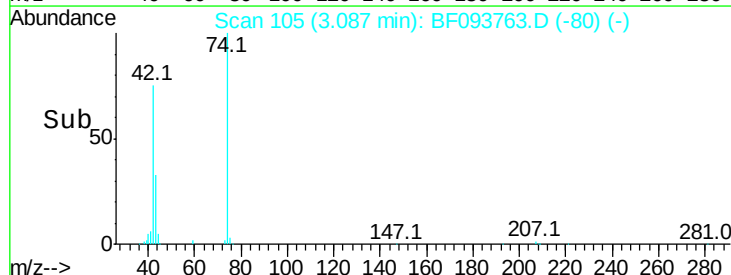
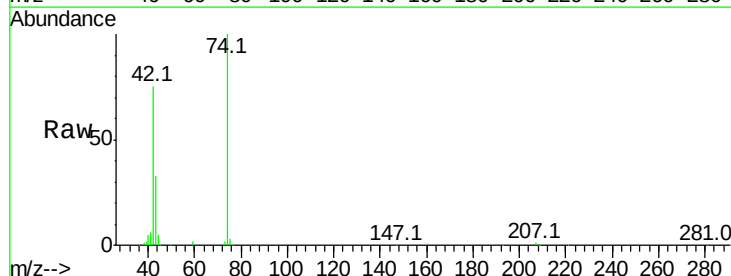
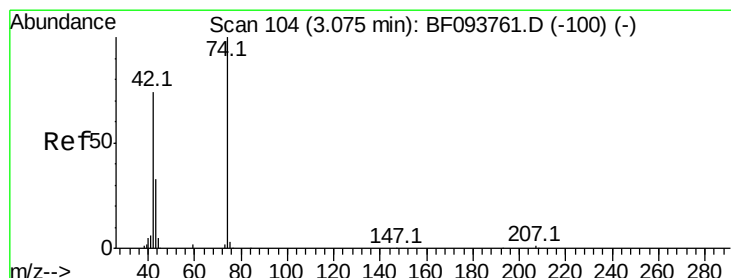
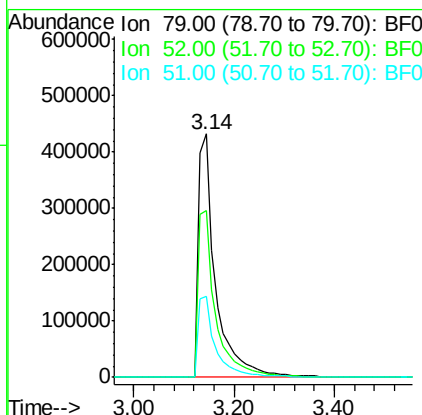
Tot Ion: 79 Resp: 1027766

Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.8	82.2
51	33.2	27.0	40.4

Instrument :
BNA_F
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#4

n-Nitrosodimethylamine

Concen: 55.77 ng

RT: 3.09 min Scan# 105

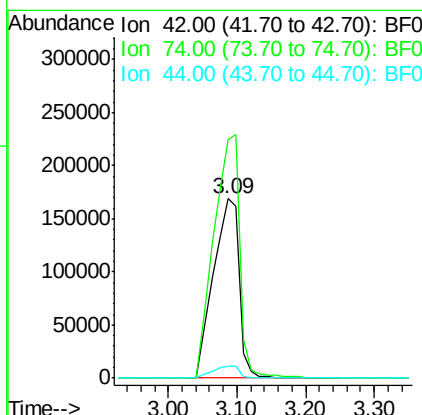
Delta R.T. -0.01 min

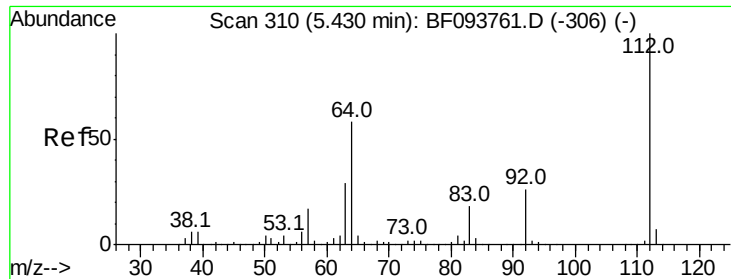
Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion: 42 Resp: 447332

Ion	Ratio	Lower	Upper
42	100		
74	133.0	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 104.59 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

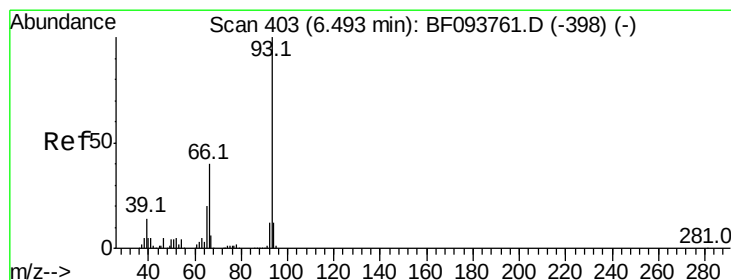
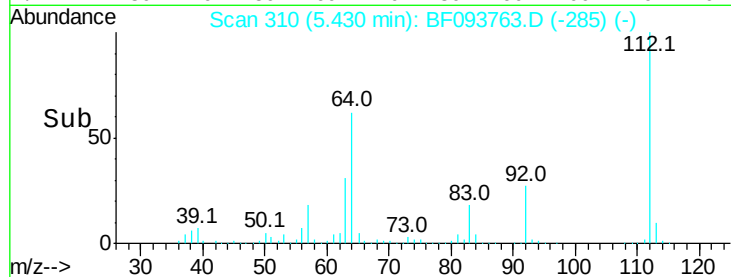
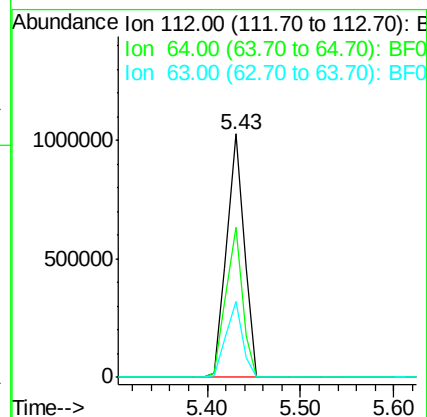
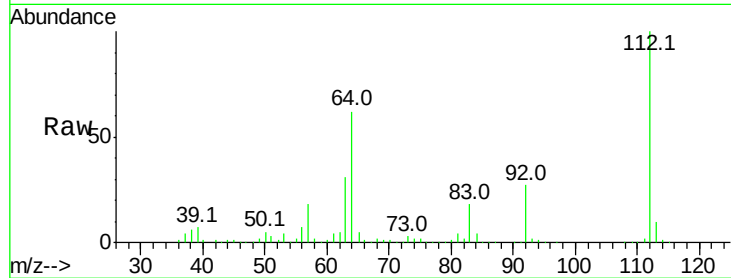
ClientSampleId :

SSTDICC060

Tot Ion:	112	Resp:	1357317
Ion Ratio	Lower	Upper	
112	100		
64	61.5	46.0	69.0
63	31.0	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 52.45 ng

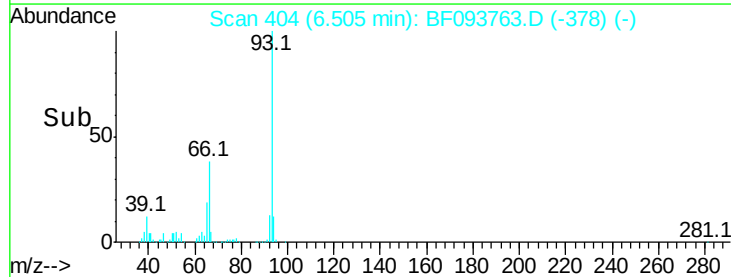
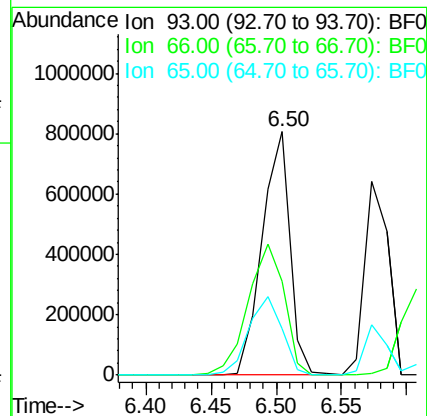
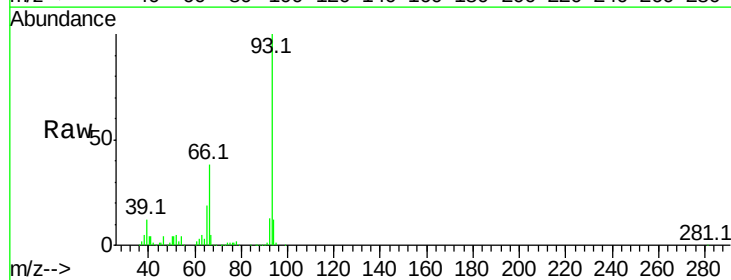
RT: 6.50 min Scan# 404

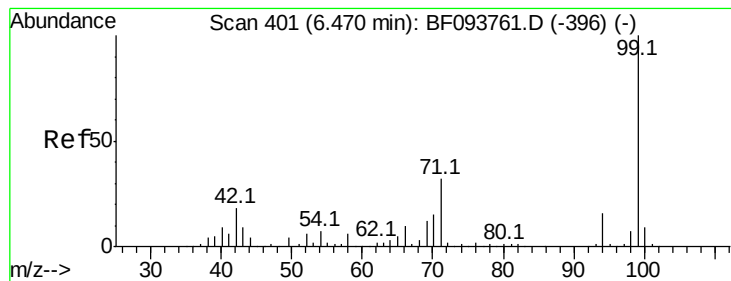
Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion:	93	Resp:	1206184
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.9	49.3
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 109.41 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093763.D

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Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1759823

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

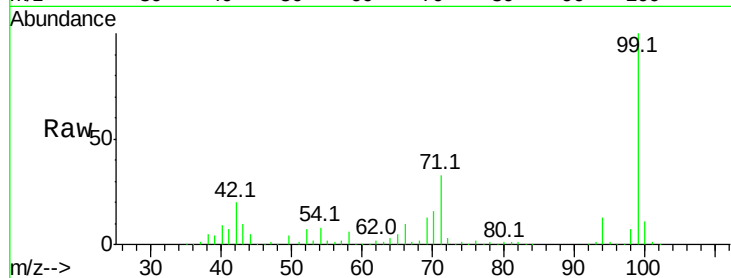
71 33.4 24.5 36.7

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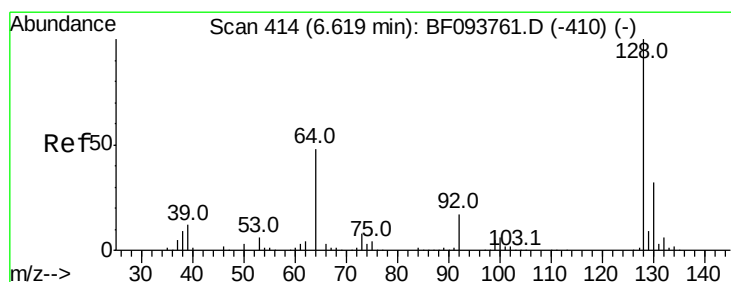
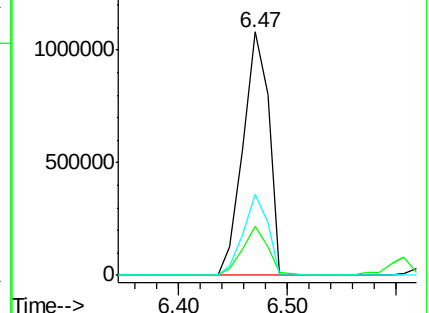
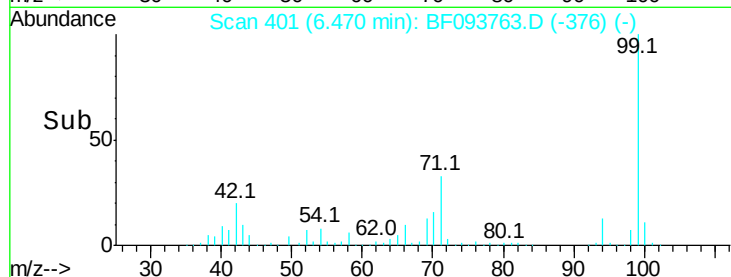
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 55.34 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

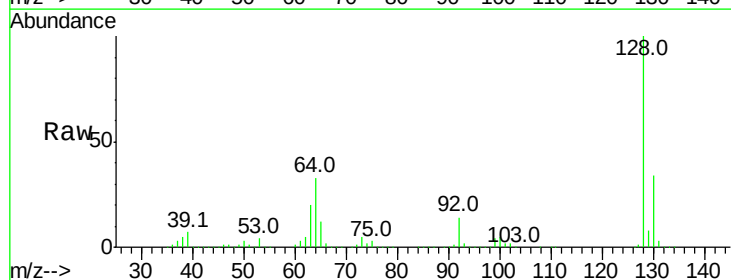
Tgt Ion:128 Resp: 798595

Ion Ratio Lower Upper

128 100

130 34.2 12.9 52.9

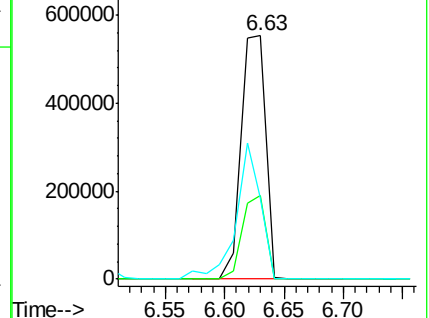
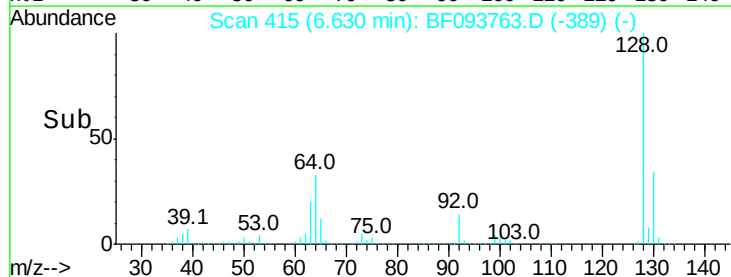
64 33.3 28.4 68.4

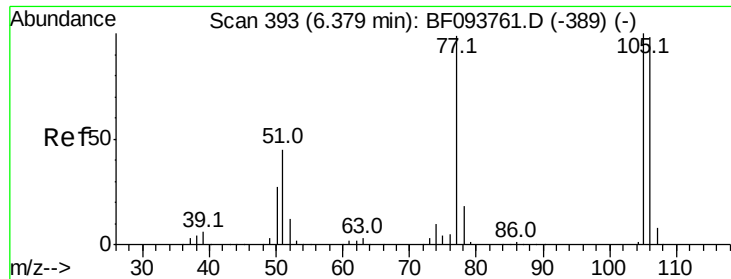


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 65.81 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

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Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

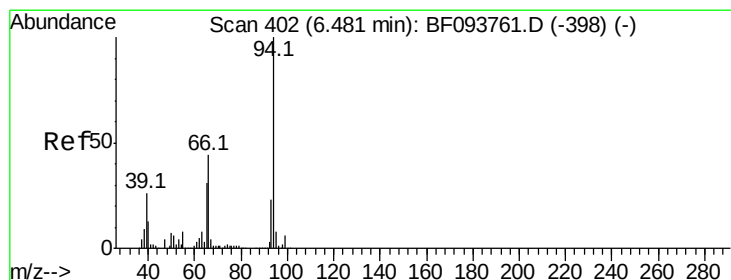
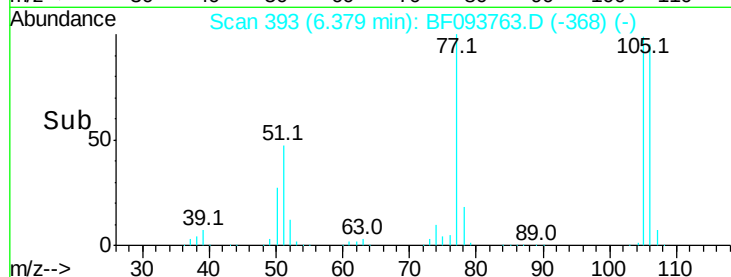
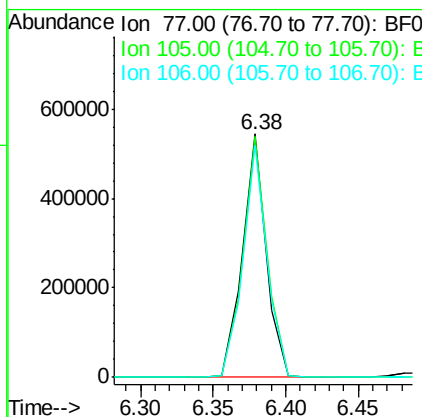
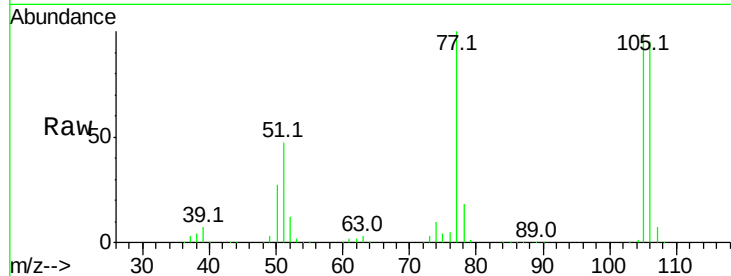
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	612921
Ion Ratio	Lower	Upper	
77	100		
105	98.9	83.8	123.8
106	95.2	79.1	119.1

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#10

Phenol

Concen: 53.31 ng

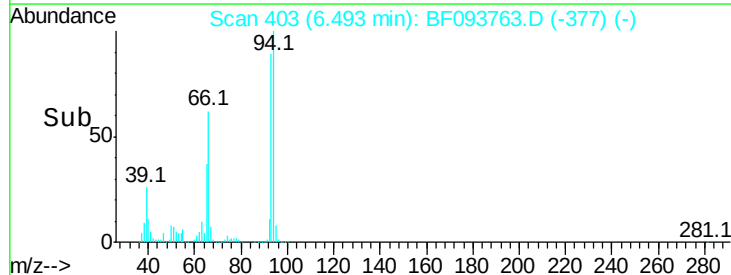
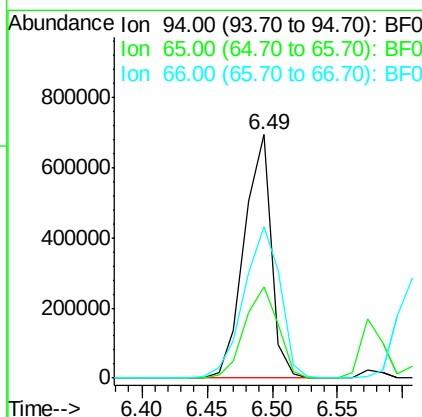
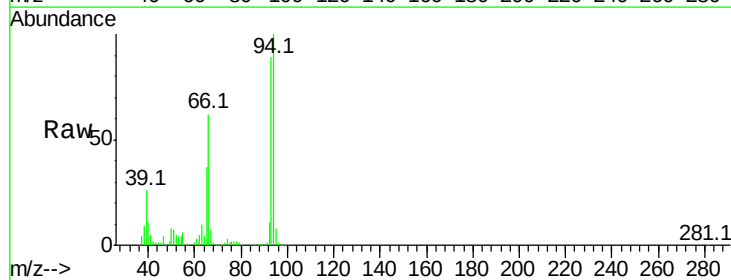
RT: 6.49 min Scan# 403

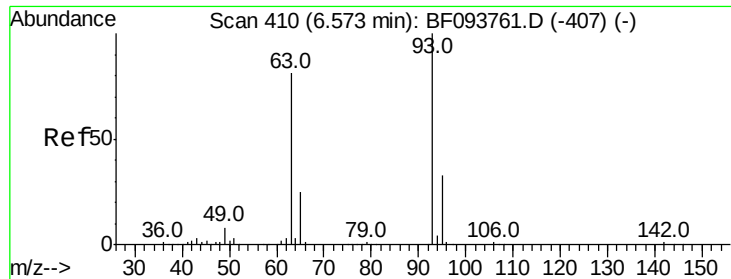
Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion:	94	Resp:	1002556
Ion Ratio	Lower	Upper	
94	100		
65	37.3	9.9	49.9
66	62.2	23.1	63.1





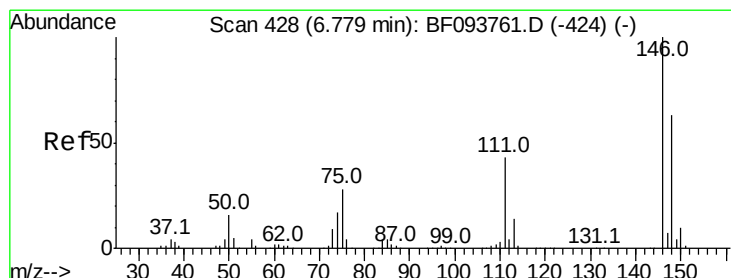
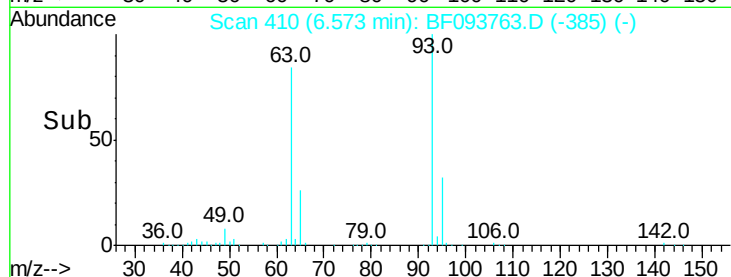
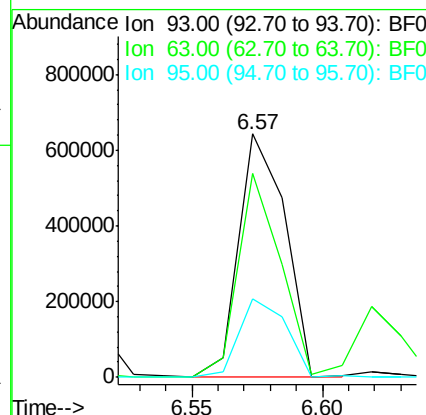
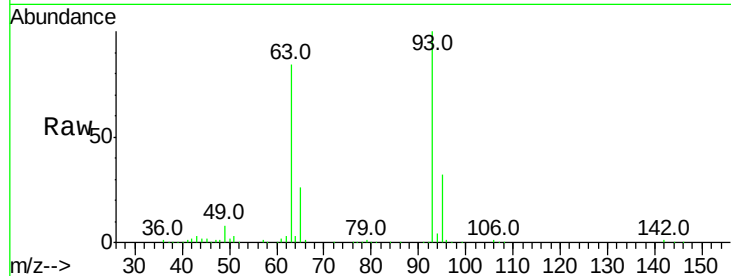
#11
bis(2-Chloroethyl)ether
Concen: 53.74 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:	93	Resp:	796420
Ion Ratio	Lower	Upper	
93	100		
63	83.8	59.2	99.2
95	32.5	12.8	52.8

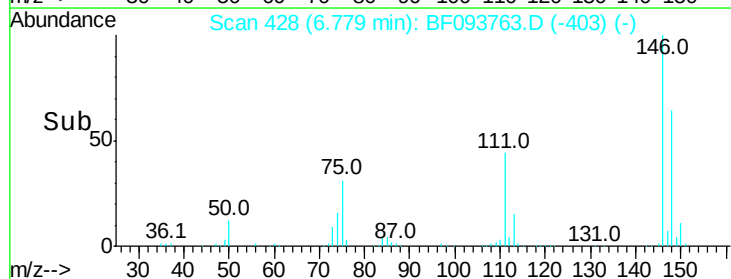
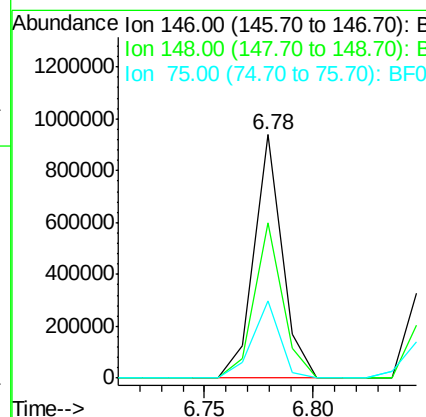
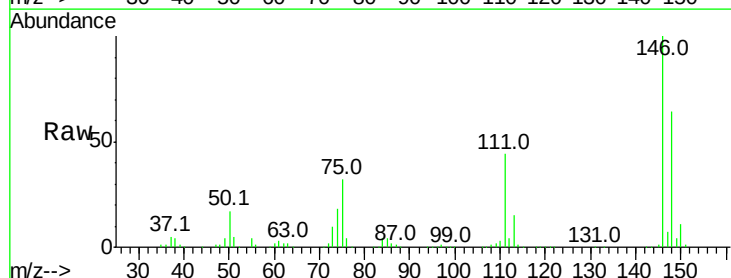
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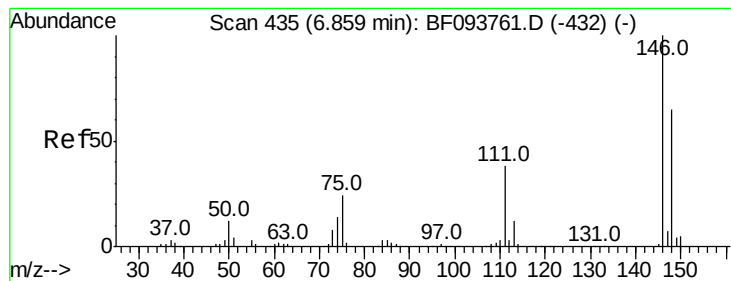
mohammad
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#12
1,3-Dichlorobenzene
Concen: 52.78 ng
RT: 6.78 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion:	146	Resp:	843690
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	31.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 56.43 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

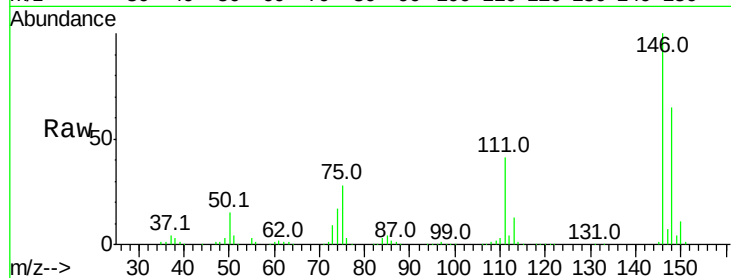
ClientSampleID :

SSTDICC060

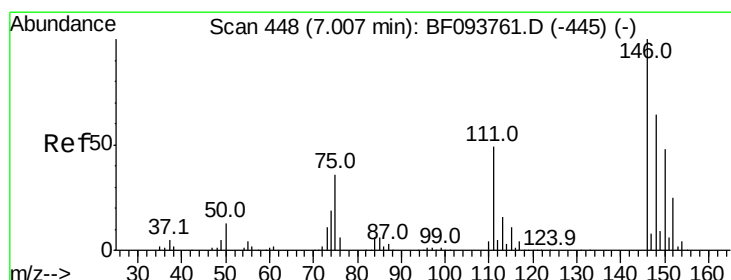
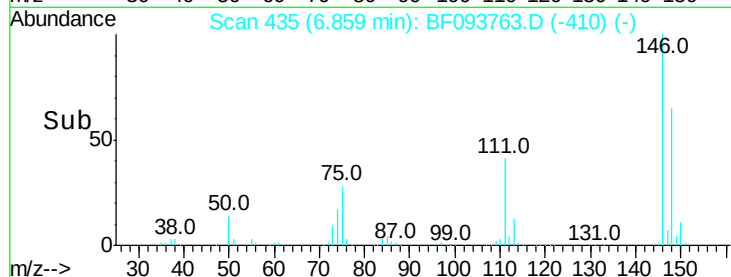
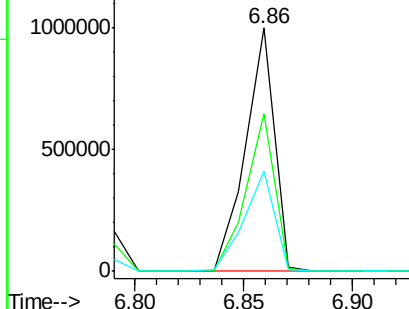
Tot Ion:	146	Resp:	923754
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
111	41.3	30.3	45.5

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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: 51.12 ng m

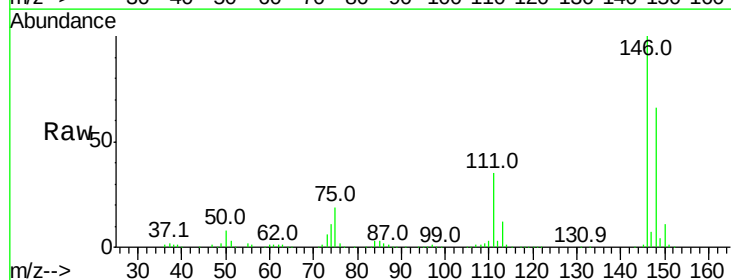
RT: 7.02 min Scan# 449

Delta R.T. 0.00 min

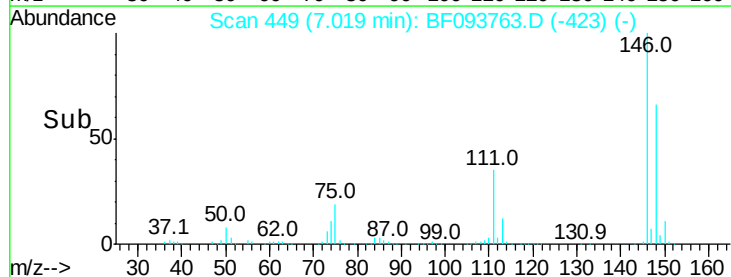
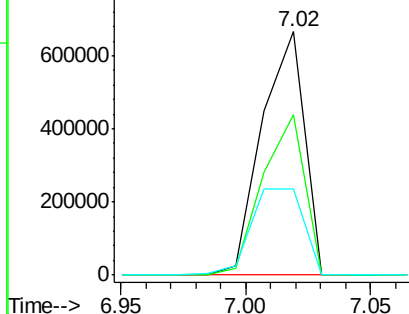
Lab File: BF093763.D

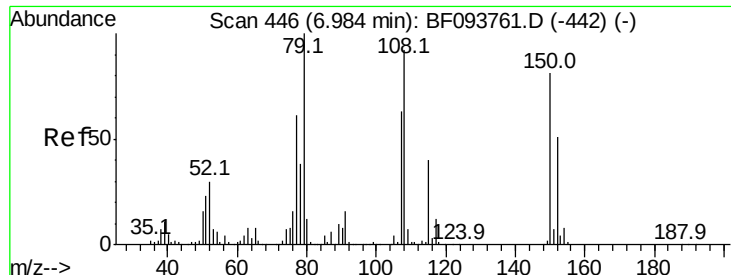
Acq: 20 Mar 2017 13:38

Tgt Ion:	146	Resp:	782569
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.4	75.6
111	35.4	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: 53.77 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 647526

Ion Ratio Lower Upper

79 100

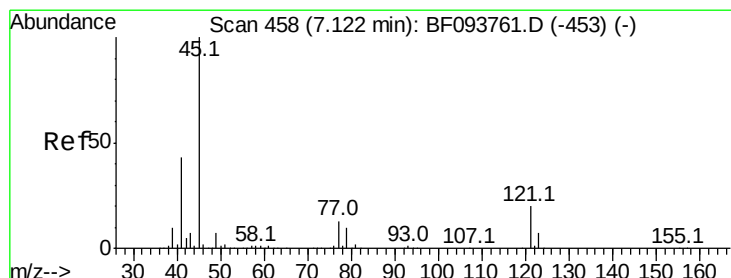
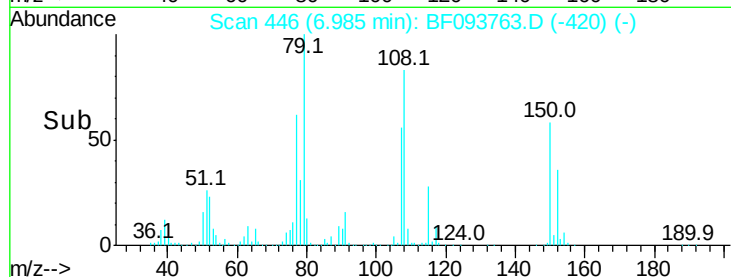
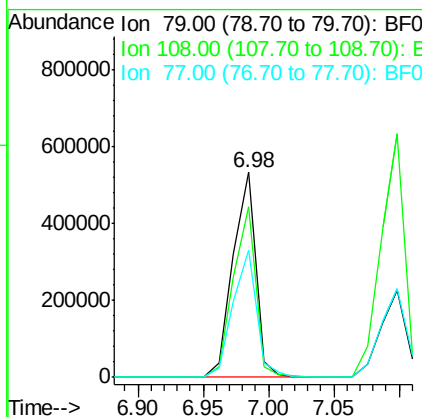
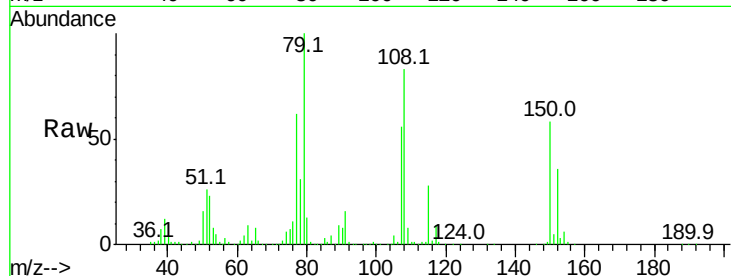
108 83.1 63.4 95.0

77 61.9 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 54.68 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

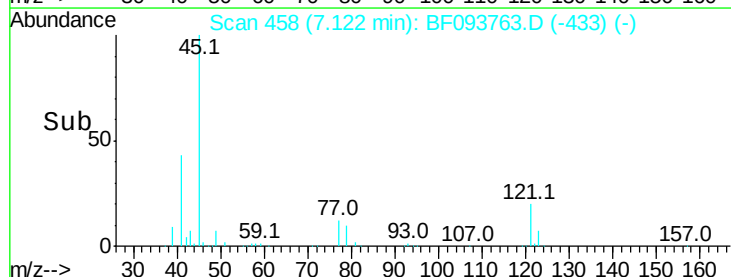
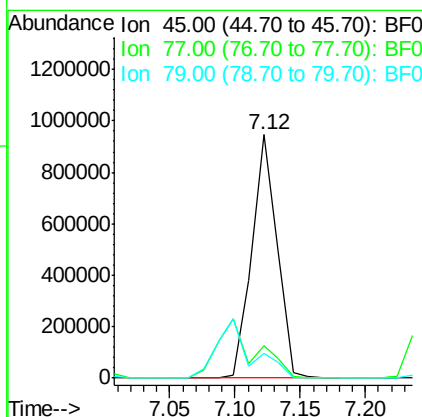
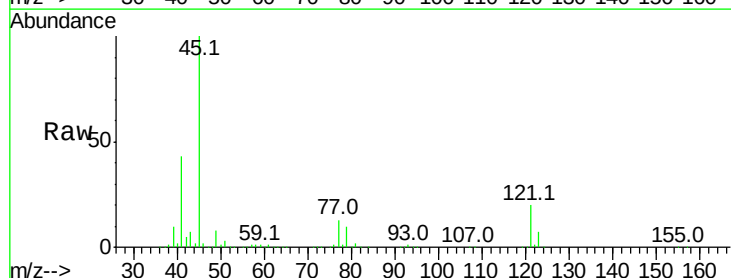
Tgt Ion: 45 Resp: 1277558

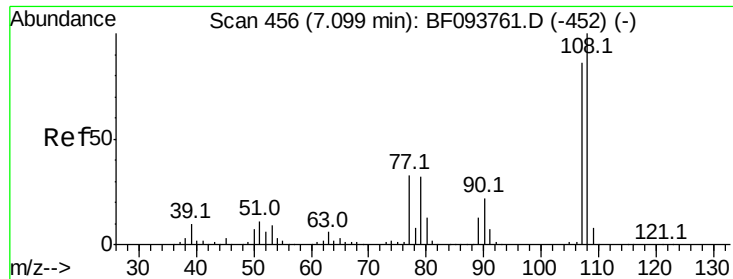
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.2

79 10.2 0.0 30.0





#17

2-Methylphenol

Concen: 54.75 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

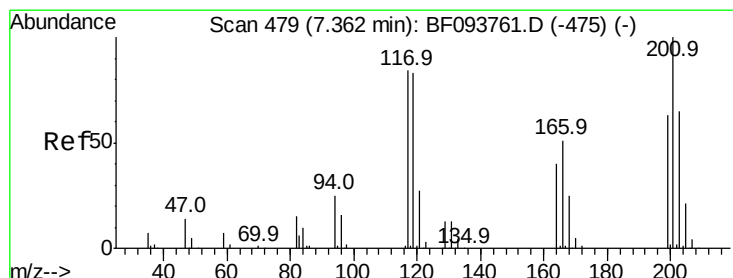
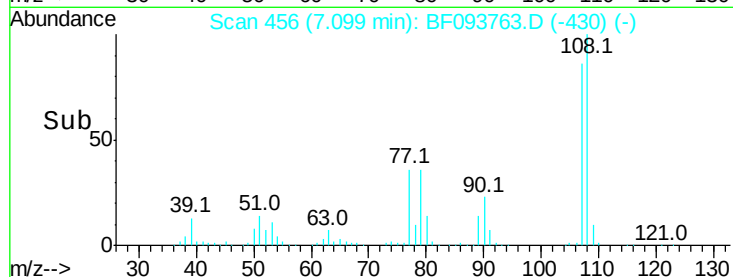
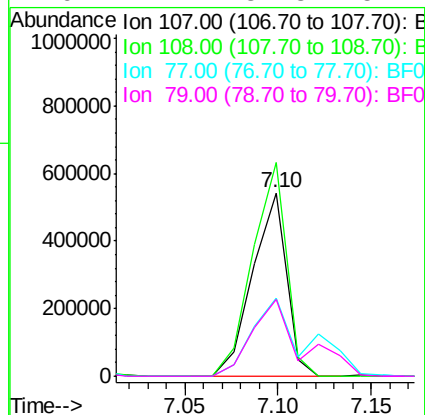
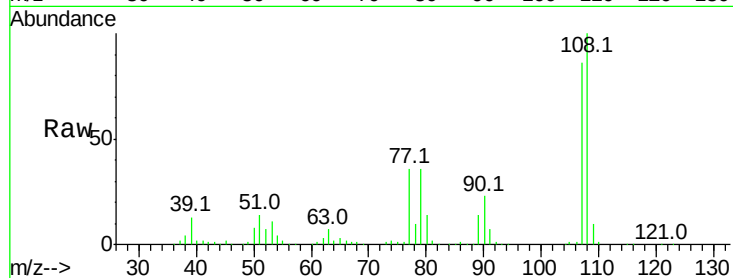
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	93.4	140.0	
77	42.3	35.8	53.6	
79	42.1	34.8	52.2	

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#18

Hexachloroethane

Concen: 57.18 ng

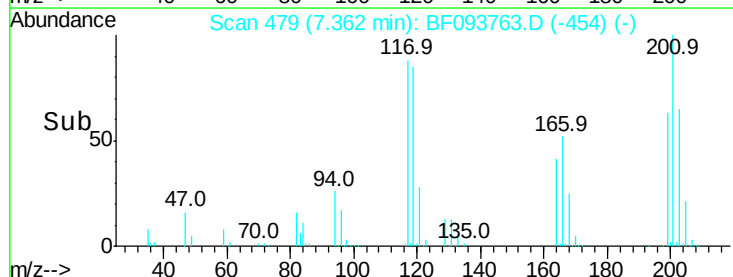
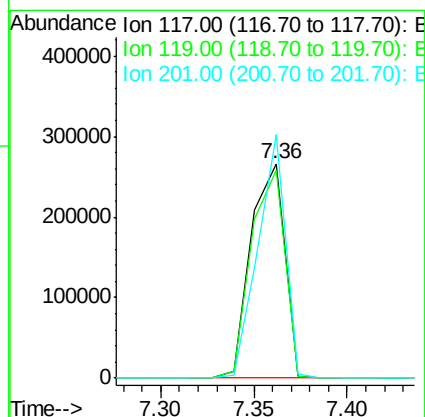
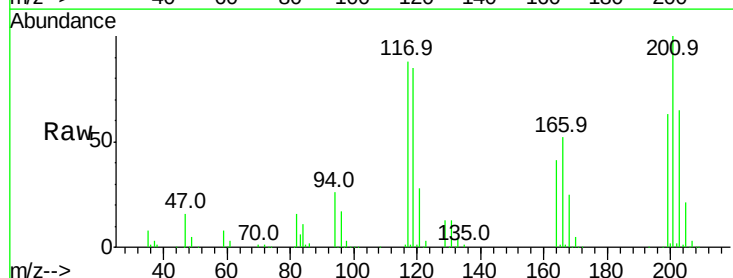
RT: 7.36 min Scan# 479

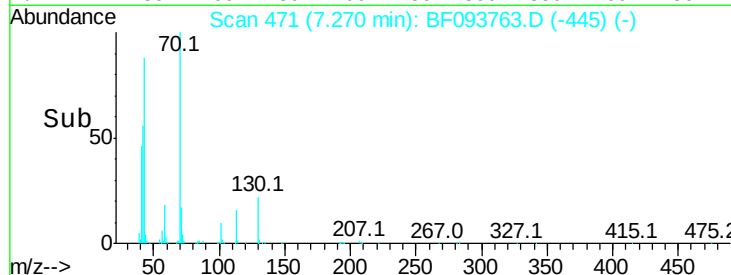
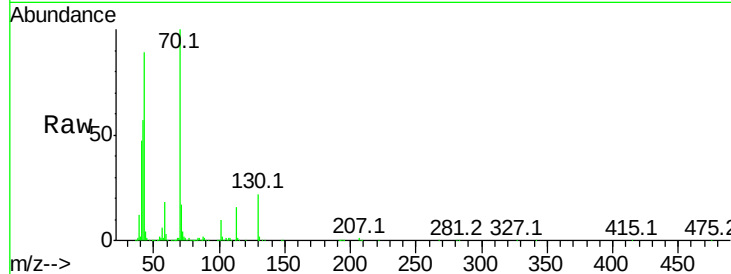
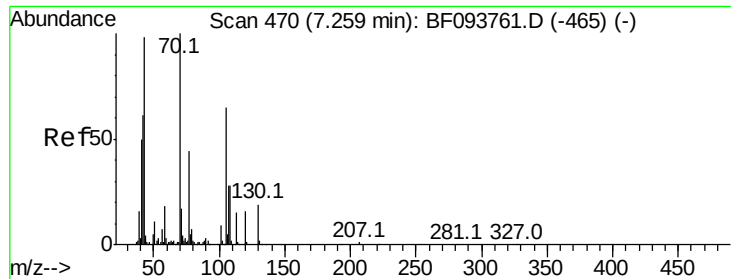
Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.4	116.0	
201	113.4	94.6	141.8	





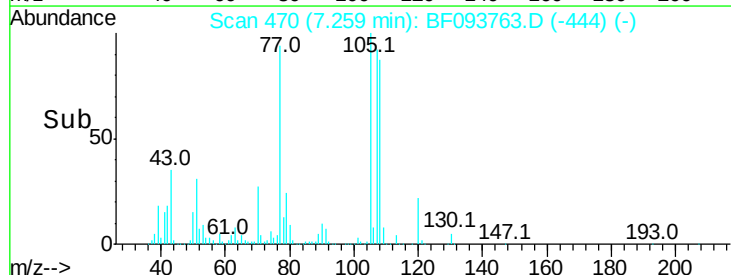
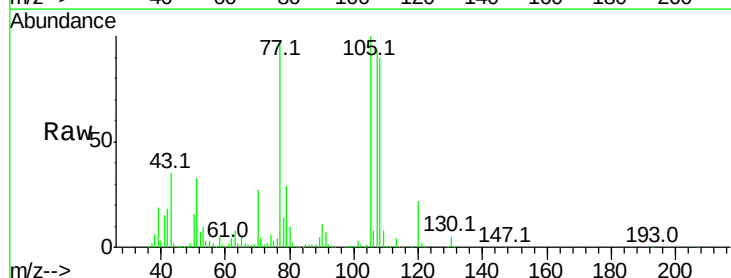
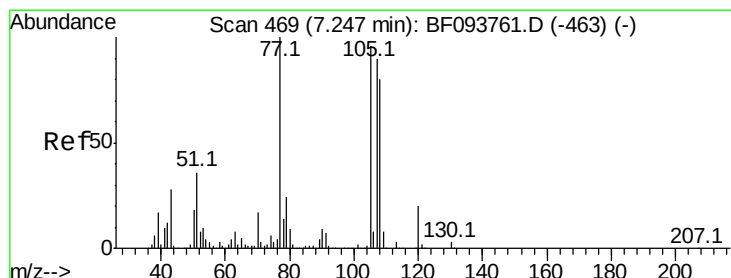
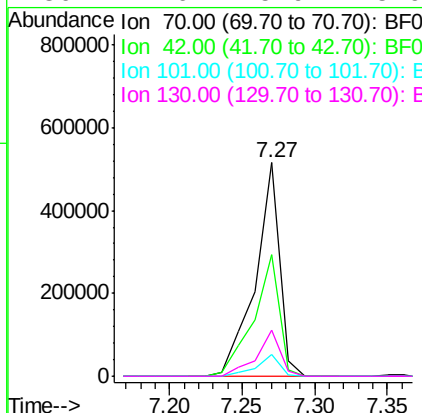
#19
n-Nitroso-di-n-propylamine
Concen: 56.22 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.2	70.8
101	10.0	7.2	10.8
130	21.6	15.9	23.9

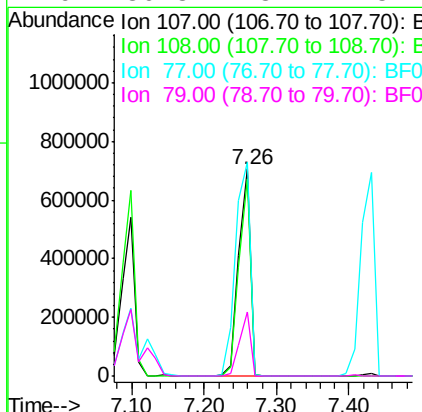
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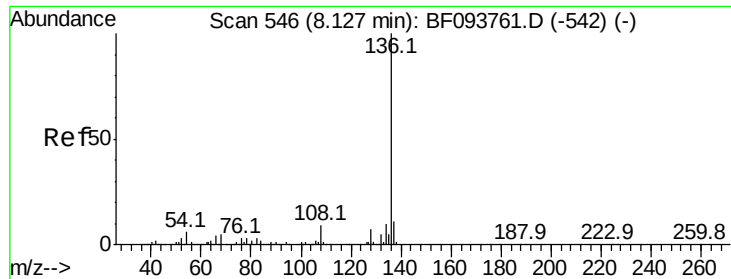
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#20
3+4-Methylphenols
Concen: 53.90 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	71.0	111.0
77	103.2	90.5	130.5
79	30.8	8.4	48.4





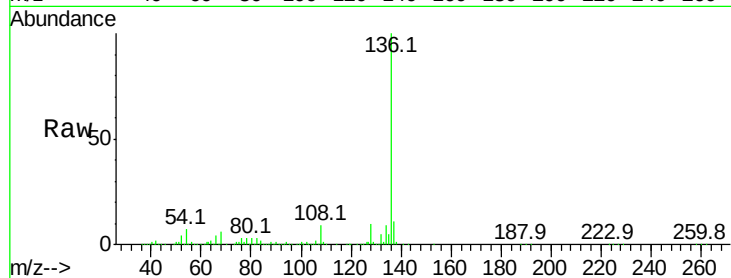
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

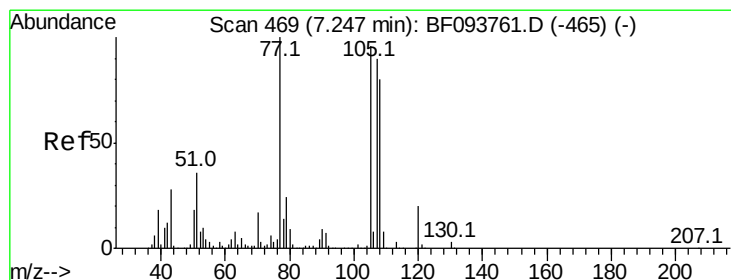
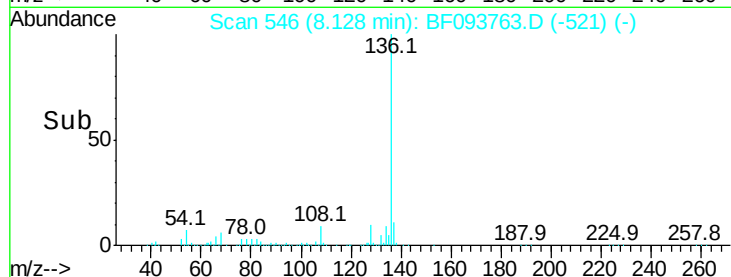
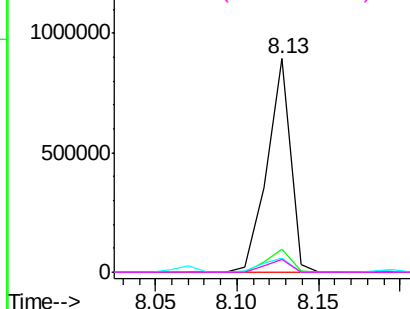
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	6.9	4.9	7.3	
68	5.7	4.1	6.1	

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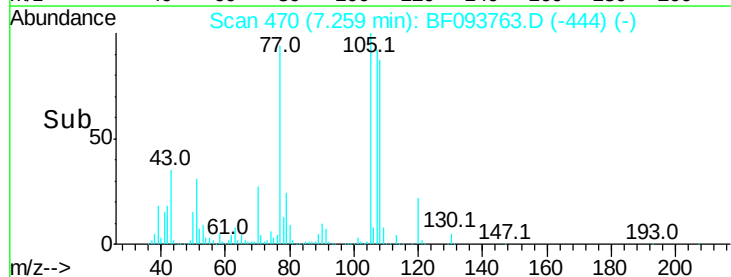
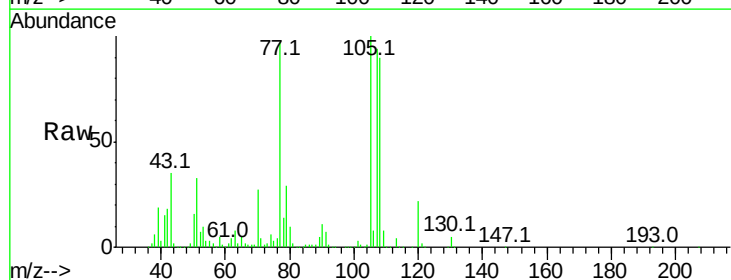
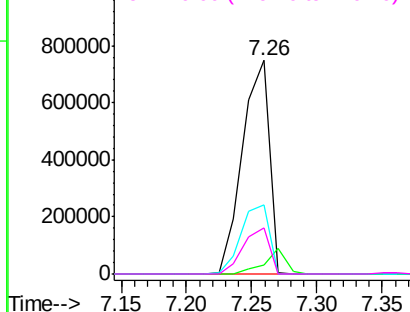
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

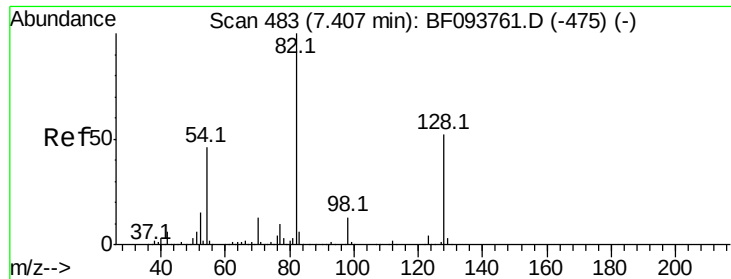


#22
Acetophenone
Concen: 53.85 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.4	2.8	4.2#	
51	32.6	30.7	46.1	
120	21.8	17.4	26.0	

Abundance Ion 105.00 (104.70 to 105.70): E
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





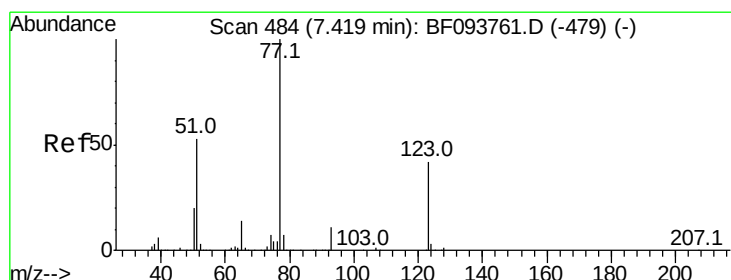
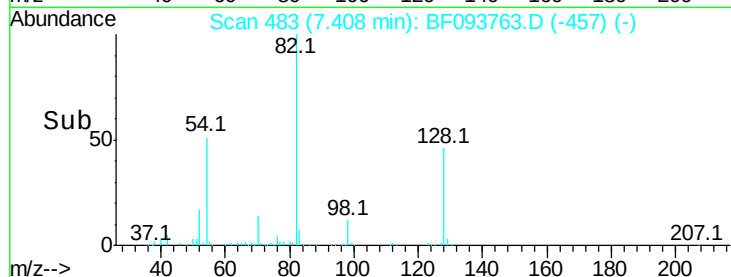
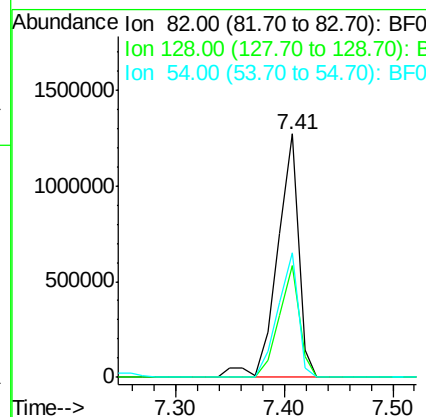
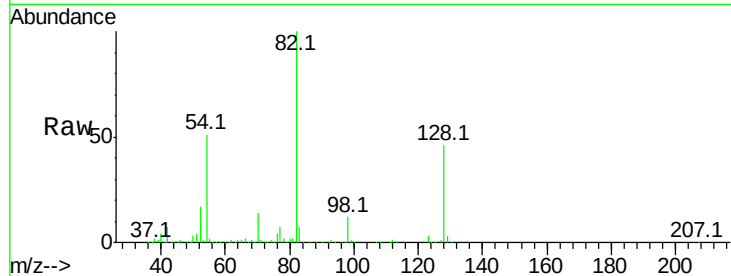
#23
 Nitrobenzene-d5
 Concen: 115.68 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 82 Resp: 1717080
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 51.3 42.2 63.2

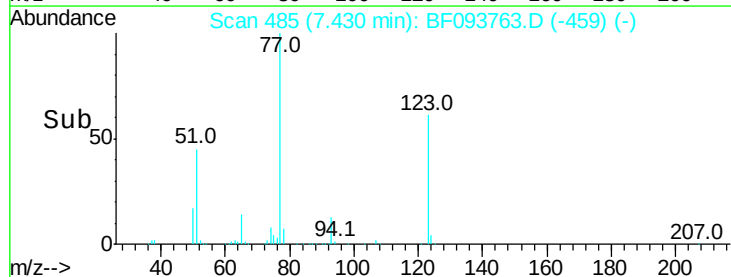
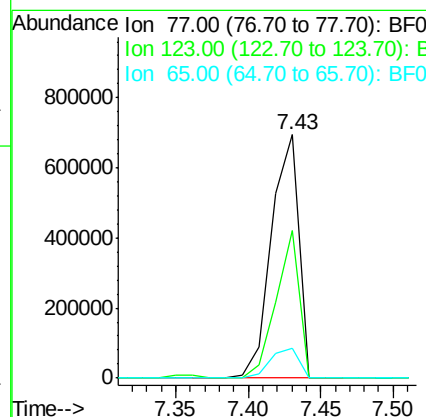
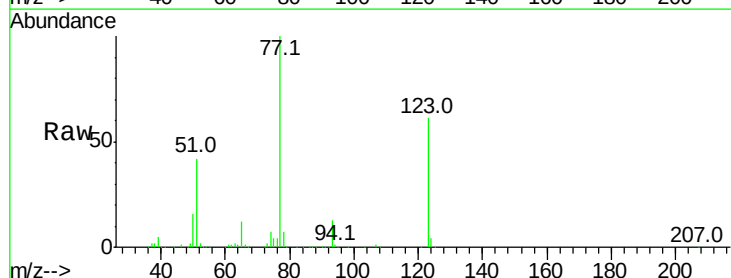
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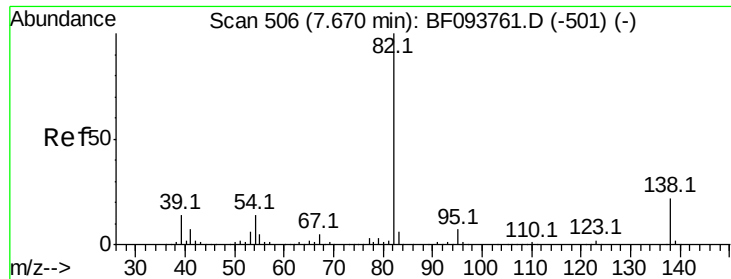
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#24
 Nitrobenzene
 Concen: 56.41 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion: 77 Resp: 905096
 Ion Ratio Lower Upper
 77 100
 123 60.8 35.8 53.8#
 65 12.4 10.6 15.8





#25

Isophorone

Concen: 57.00 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1628447

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

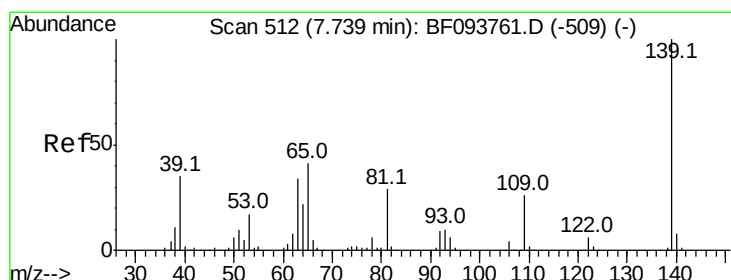
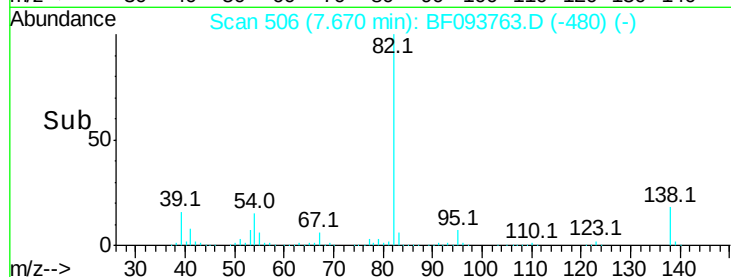
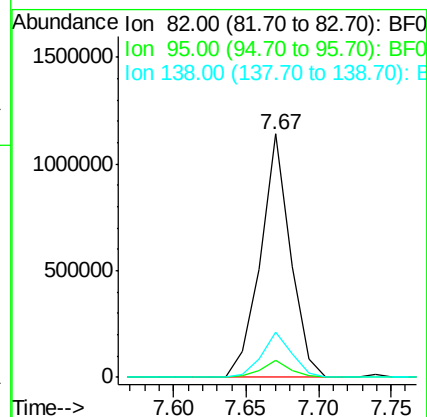
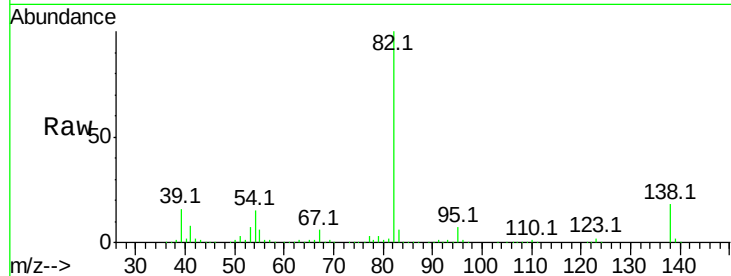
138 18.3 13.1 19.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 70.32 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

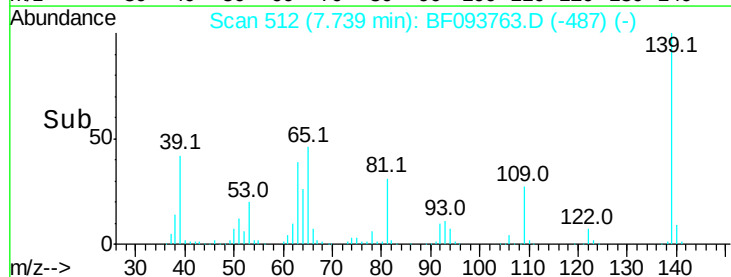
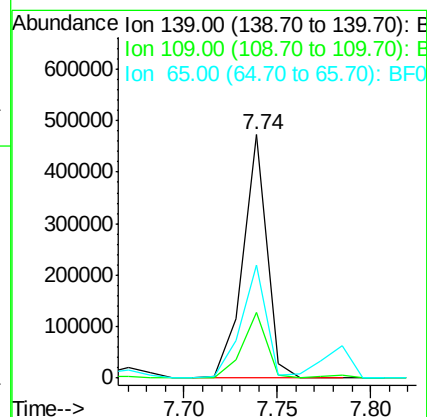
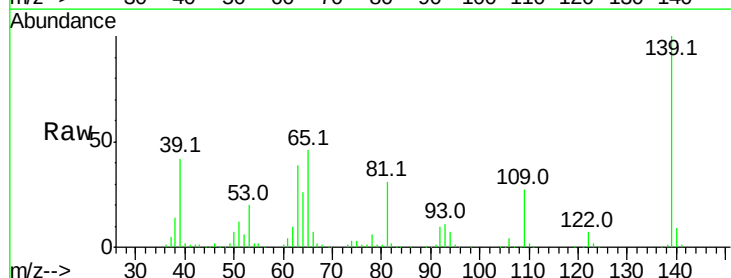
Tgt Ion: 139 Resp: 427194

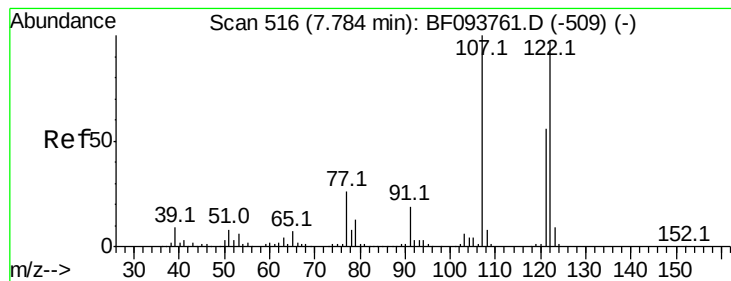
Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.6

65 46.3 33.0 49.6





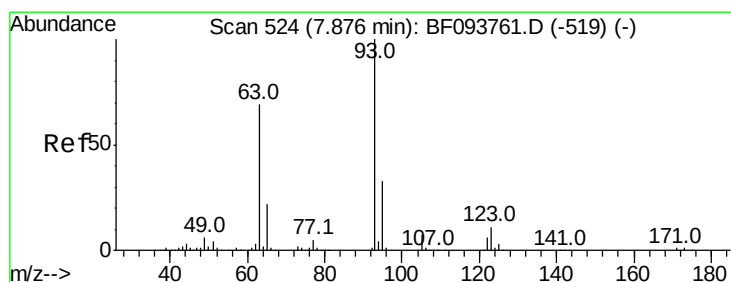
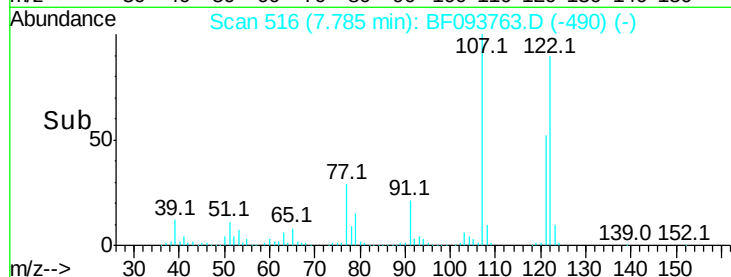
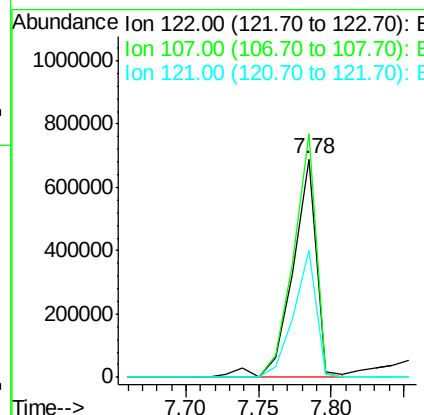
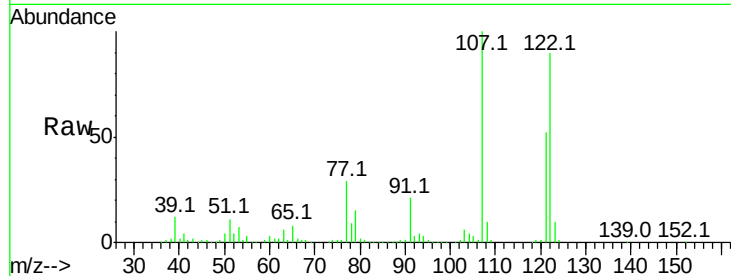
#27
 2,4-Dimethylphenol
 Concen: 56.38 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.2	133.8
121	58.4	45.2	67.8

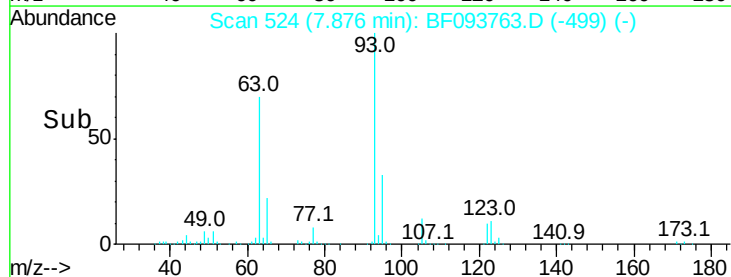
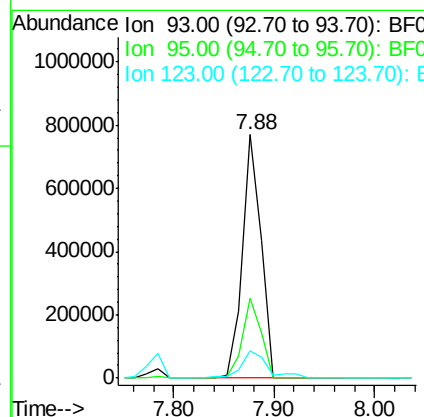
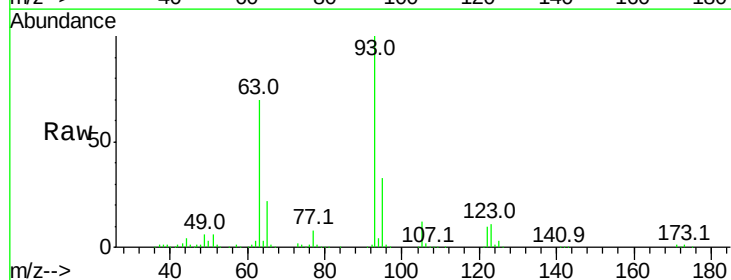
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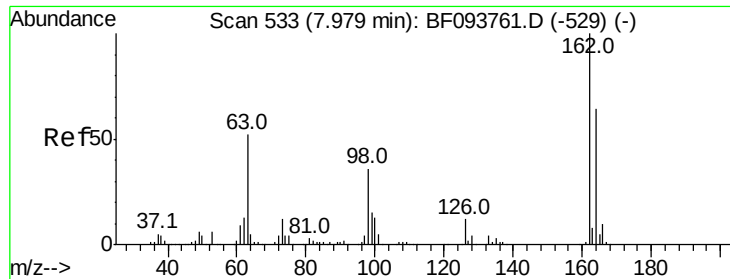
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.31 ng
 RT: 7.88 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.3	9.0	13.4





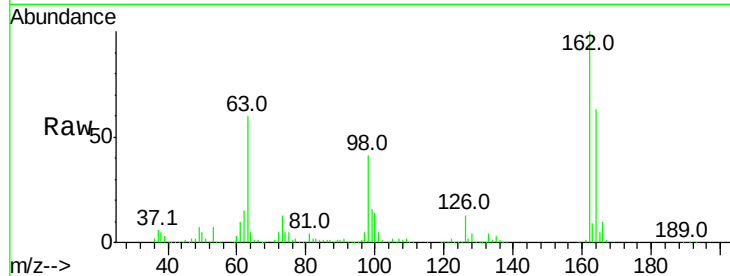
#29
 2,4-Dichlorophenol
 Concen: 55.26 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

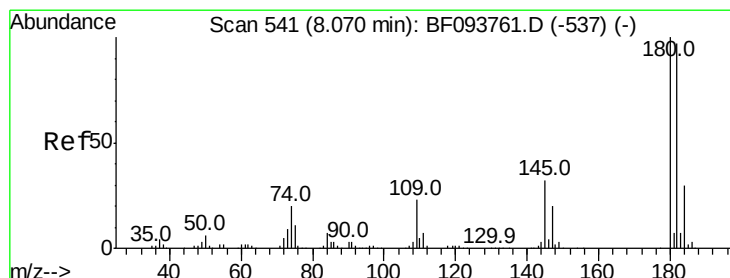
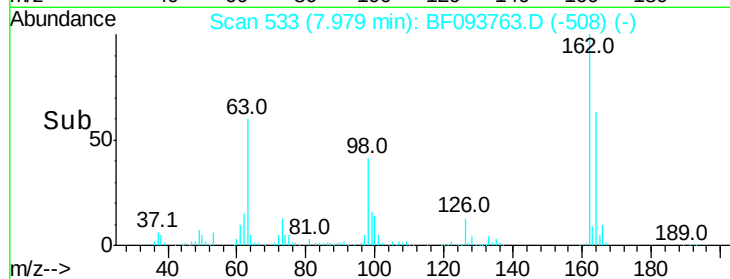
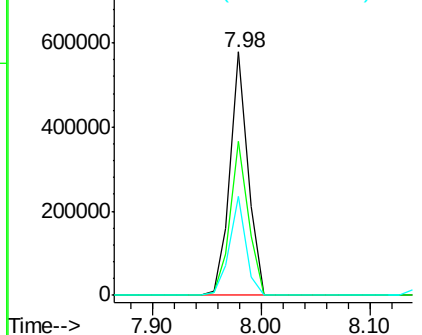
Tot Ion	Ratio	Resp	Lower	Upper
162	100	659992		
164	63.4	44.6	84.6	
98	40.6	14.8	54.8	

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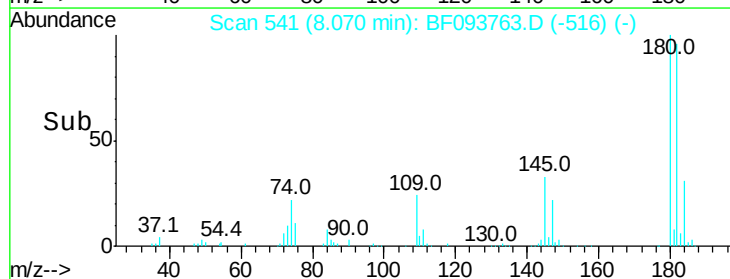
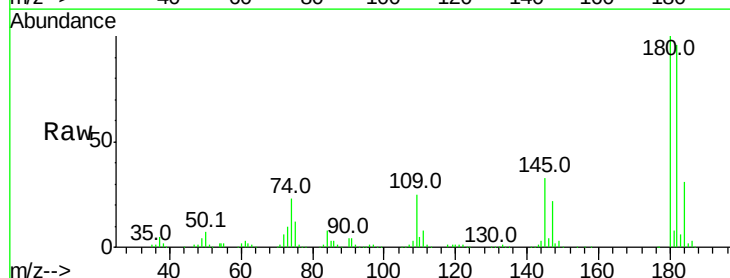
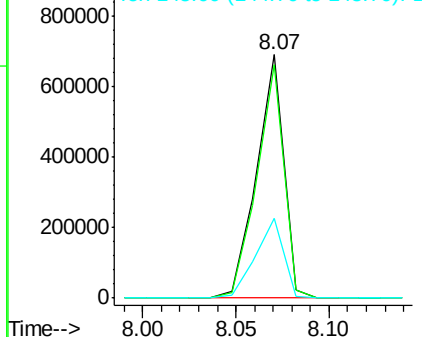
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

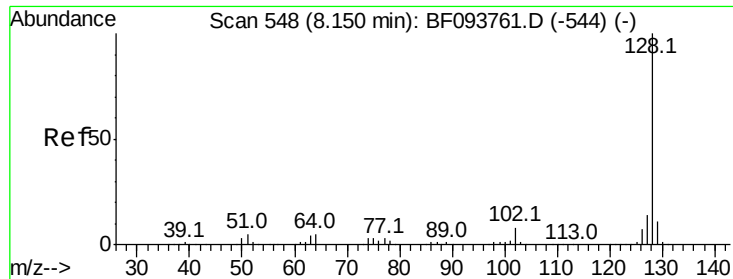


#30
 1,2,4-Trichlorobenzene
 Concen: 55.96 ng
 RT: 8.07 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	696642		
182	96.0	75.8	113.6	
145	33.0	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





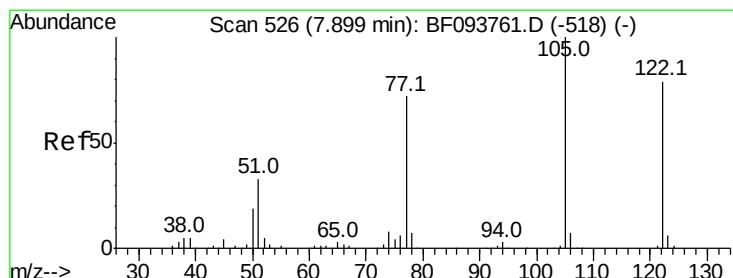
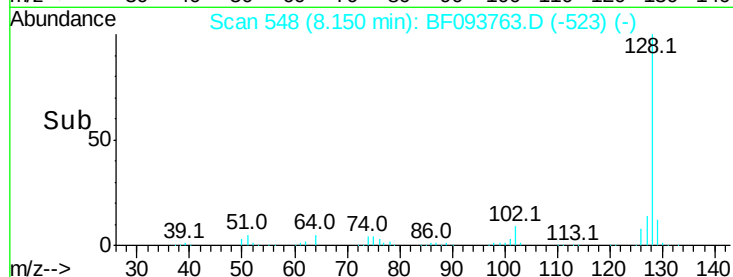
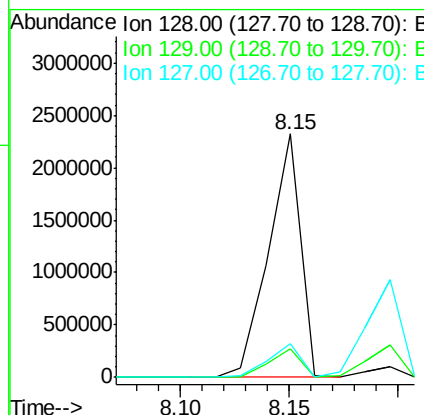
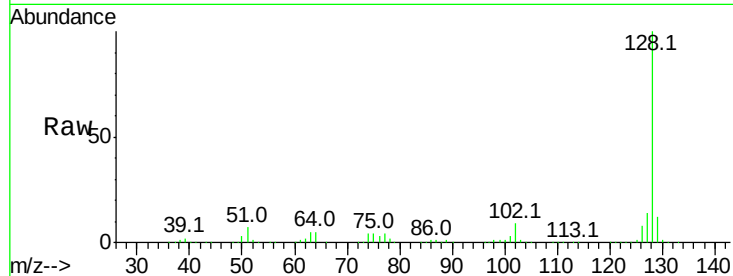
#31
Naphthalene
Concen: 55.27 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:128 Resp: 2400473
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.0 10.8 16.2

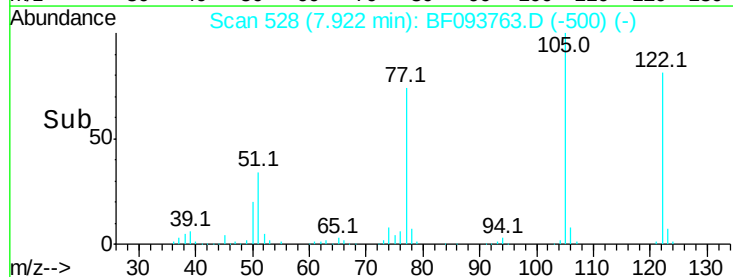
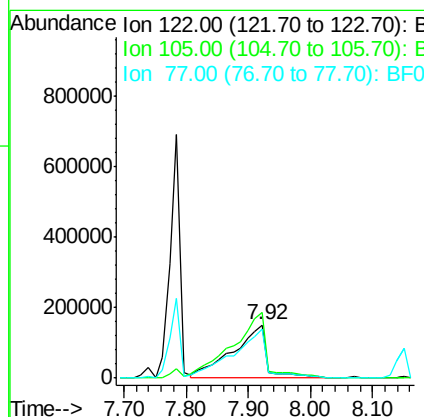
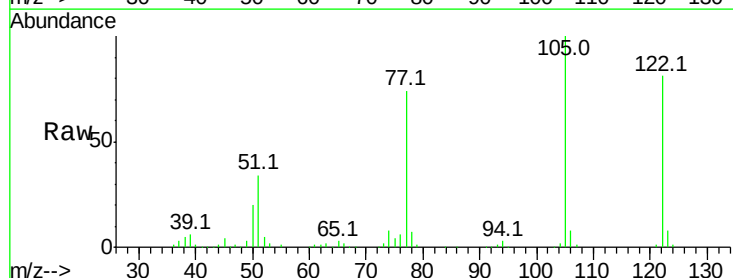
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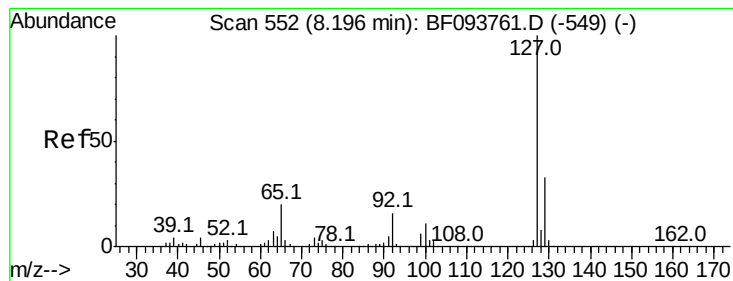
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#32
Benzoic acid
Concen: 77.51 ng
RT: 7.92 min Scan# 528
Delta R.T. 0.02 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion:122 Resp: 563853
Ion Ratio Lower Upper
122 100
105 123.3 103.3 143.3
77 91.4 73.7 113.7





#33

4-Chloroaniline

Concen: 57.00 ng

RT: 8.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:127 Resp: 1036959

Ion Ratio Lower Upper

127 100

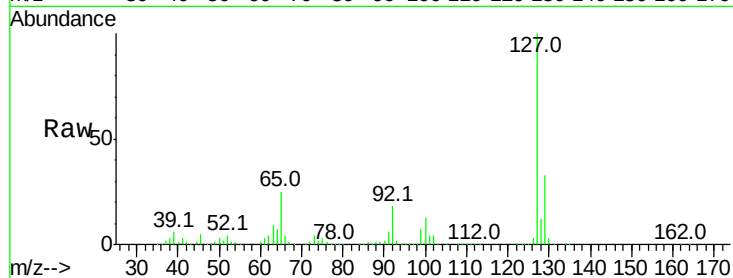
129 33.3 26.2 39.2

65 25.1 27.8 41.8#

92 17.9 16.8 25.2

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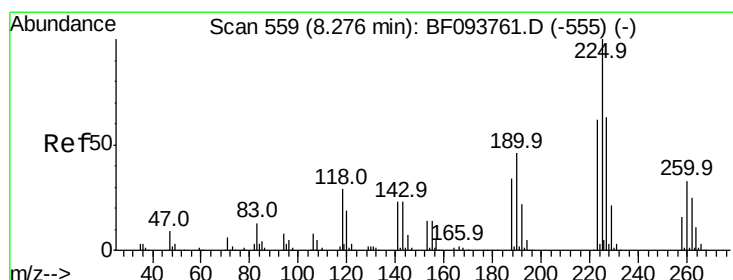
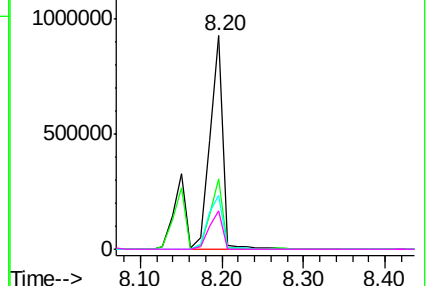
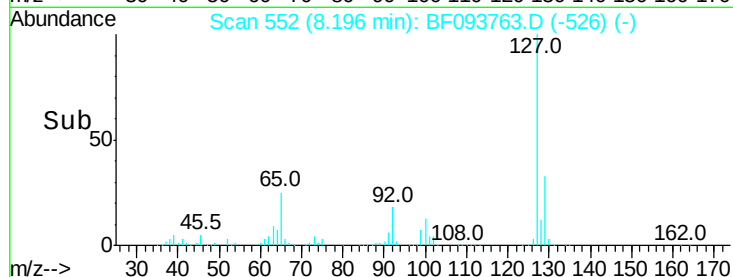


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 56.80 ng

RT: 8.28 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

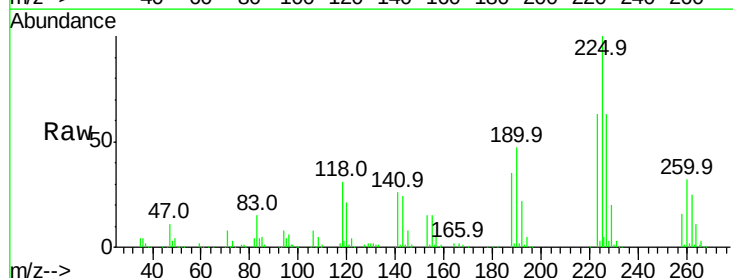
Tgt Ion:225 Resp: 370378

Ion Ratio Lower Upper

225 100

223 63.0 48.8 73.2

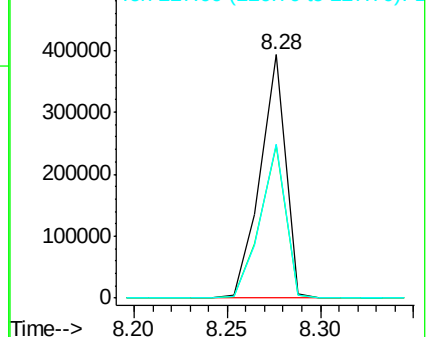
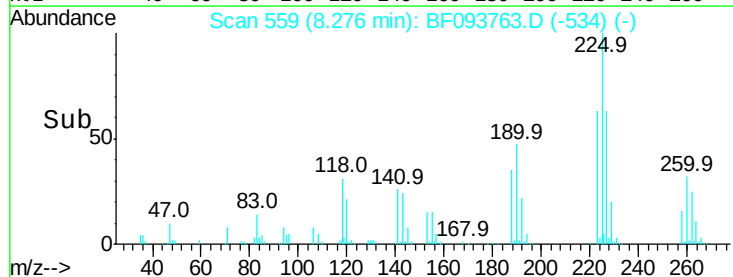
227 63.2 51.1 76.7

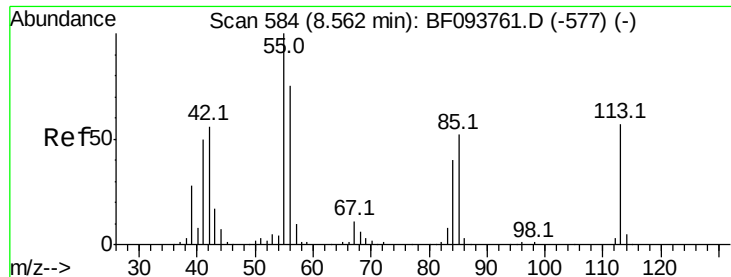


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 61.38 ng

RT: 8.58 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:113 Resp: 246076

Ion Ratio Lower Upper

113 100

55 140.0 150.2 190.2#

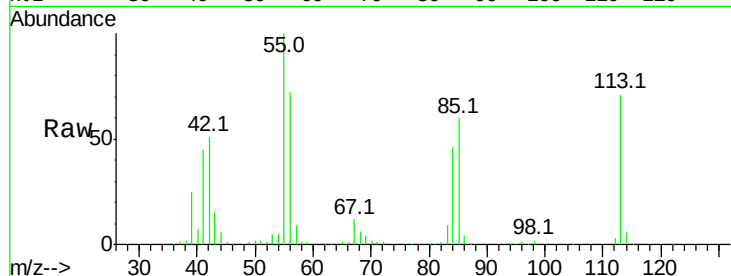
56 100.6 107.8 147.8#

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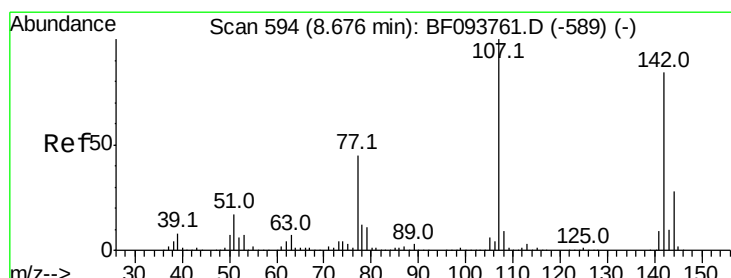
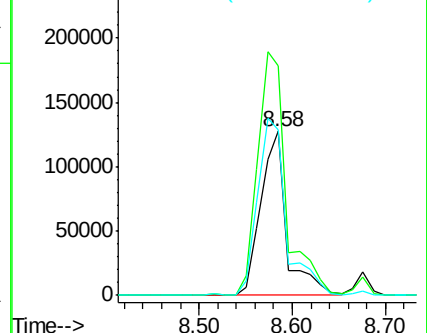
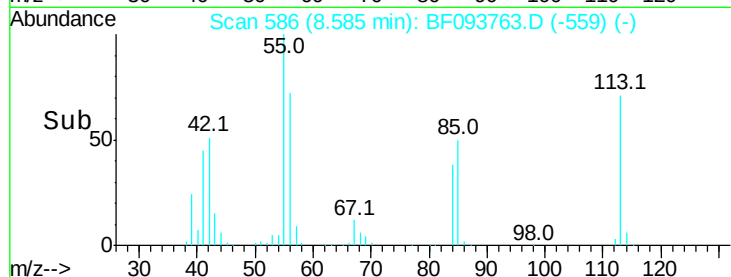
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.17 ng

RT: 8.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

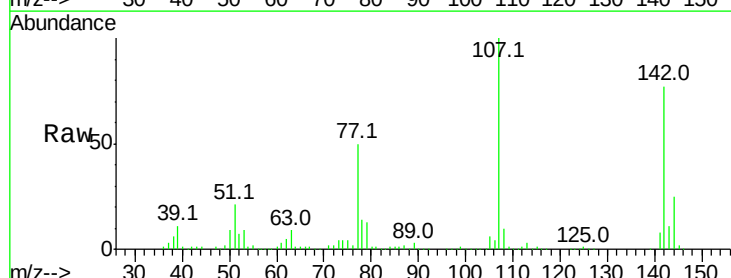
Tgt Ion:107 Resp: 643461

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

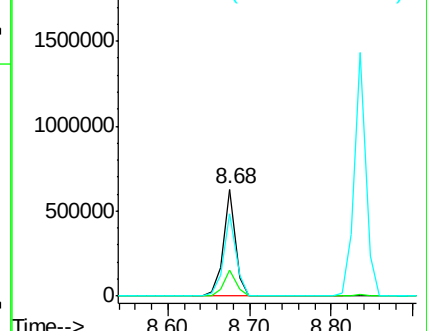
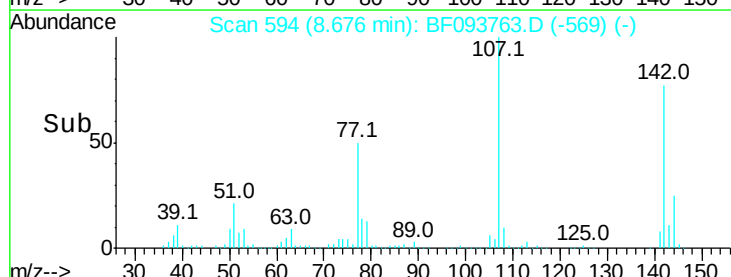
142 76.9 73.4 110.0

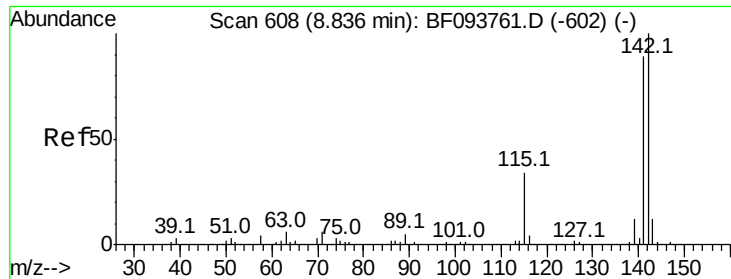


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





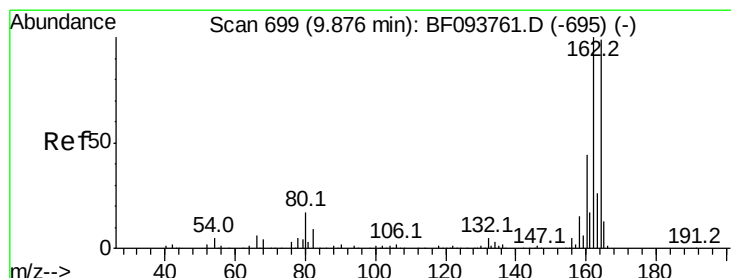
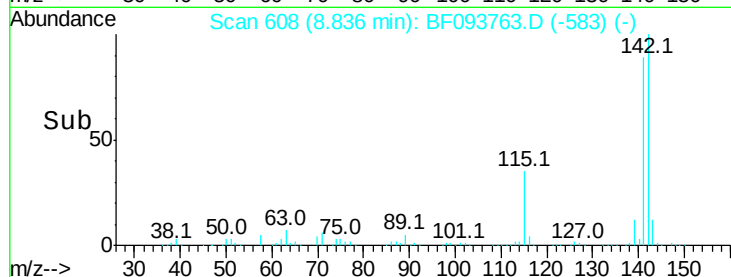
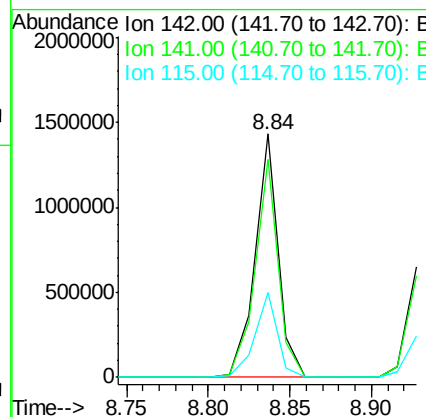
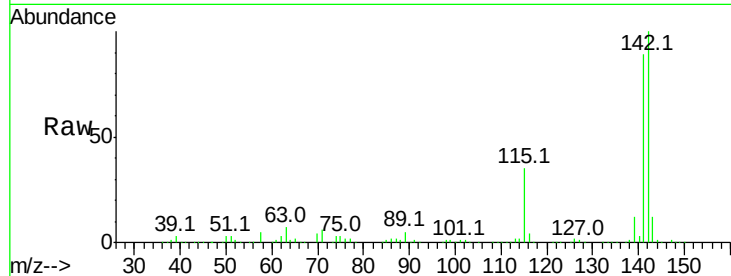
#37
2-Methylnaphthalene
Concen: 50.04 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	35.0	27.1	40.7

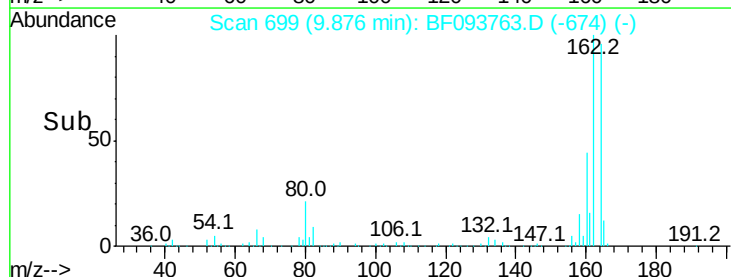
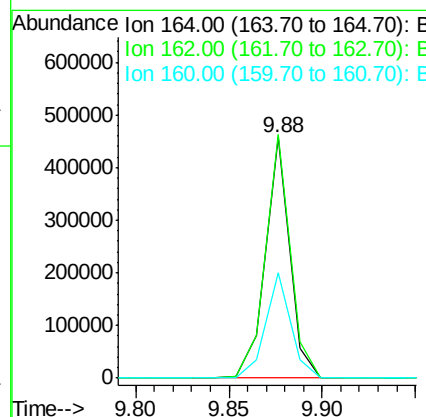
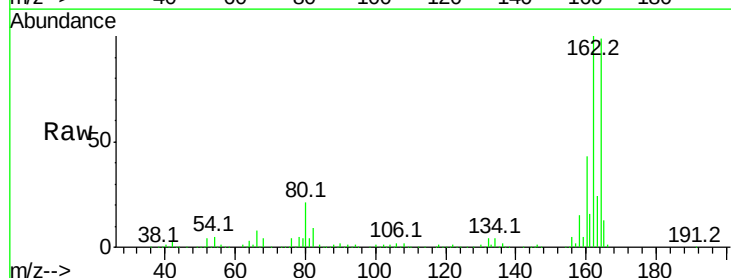
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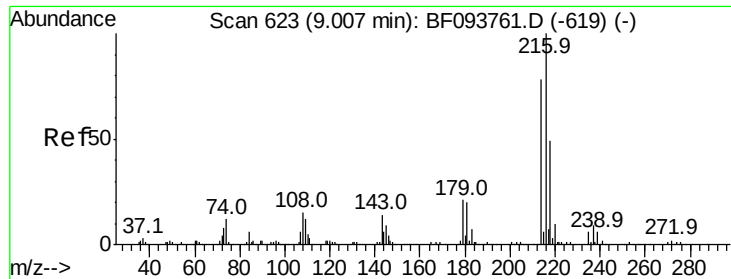
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.0	36.2	54.2





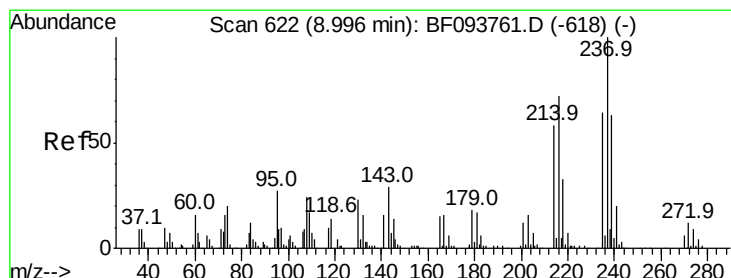
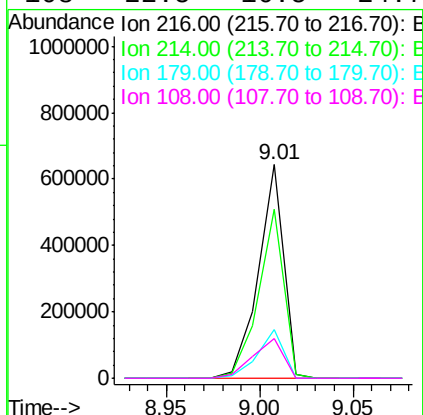
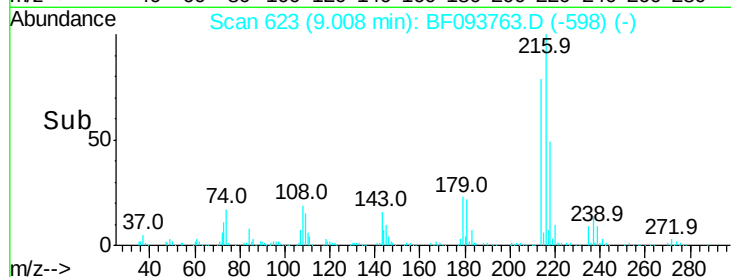
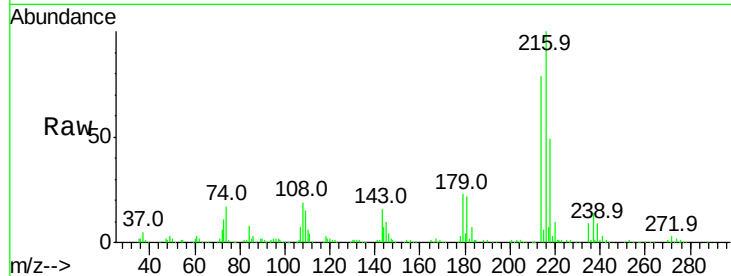
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.56 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
216	100	600675		
214	79.4	63.4	95.2	
179	23.2	17.9	26.9	
108	22.5	16.5	24.7	

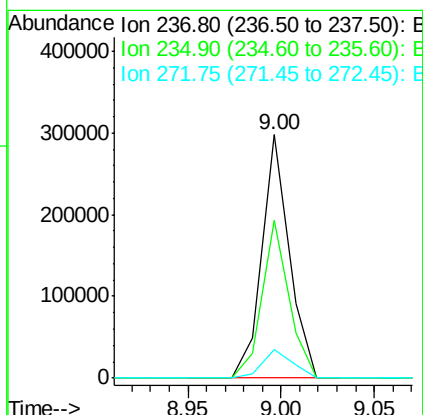
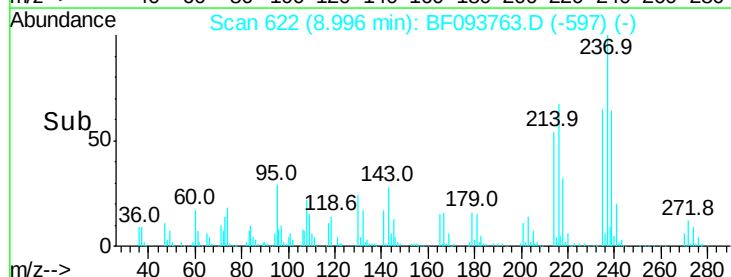
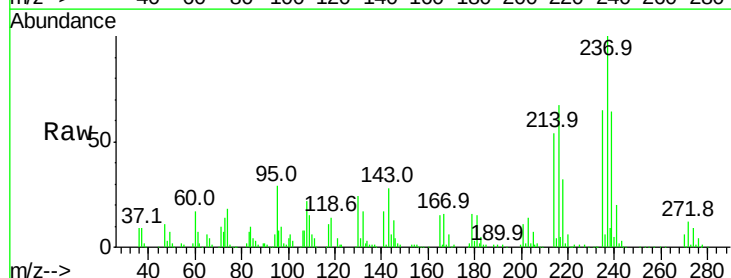
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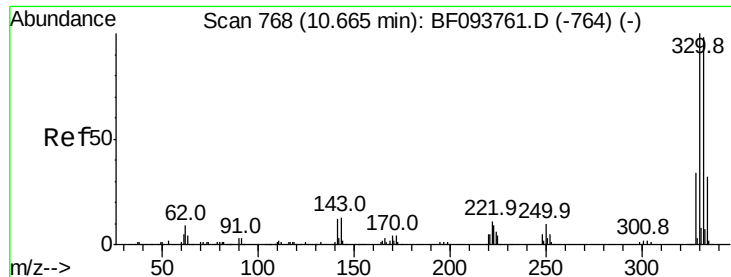
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#40
 Hexachlorocyclopentadiene
 Concen: 62.72 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	300901		
235	65.0	42.6	82.6	
272	11.6	0.0	31.9	





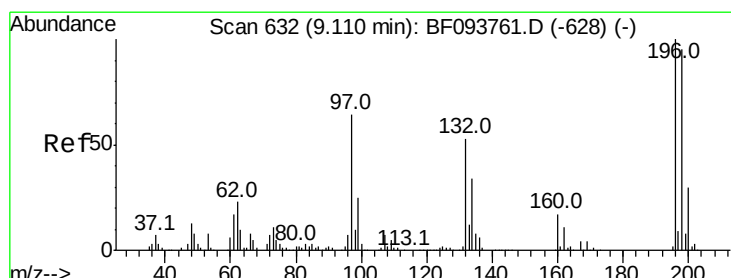
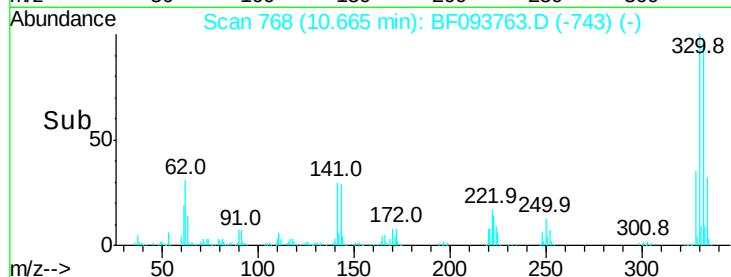
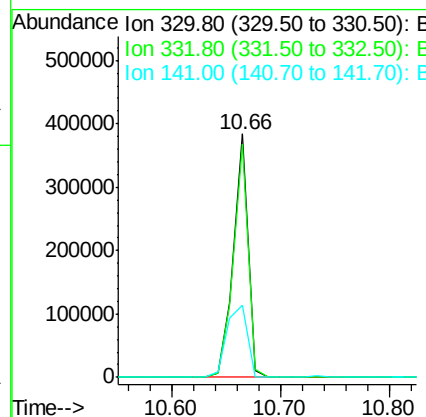
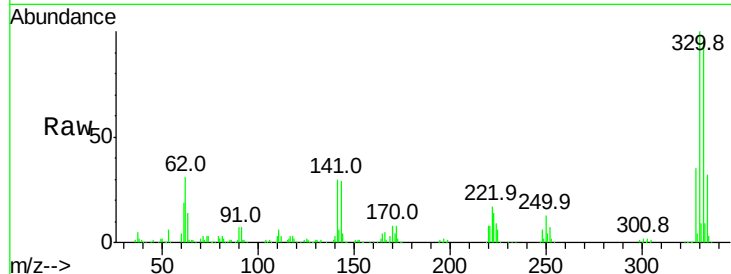
#41
 2,4,6-Tribromophenol
 Concen: 133.58 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.6	115.0	
141	41.7	31.4	47.2	

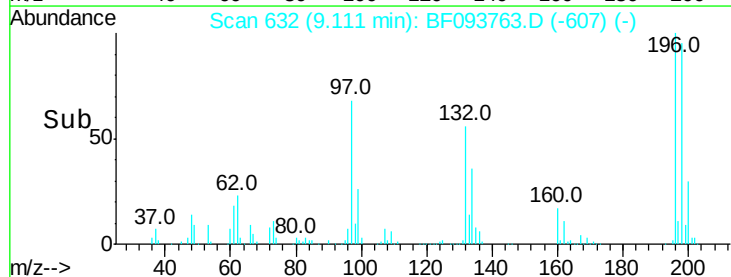
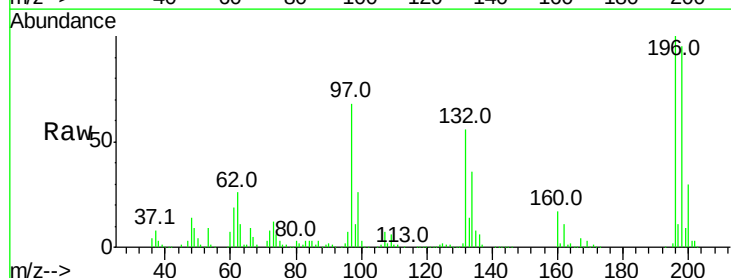
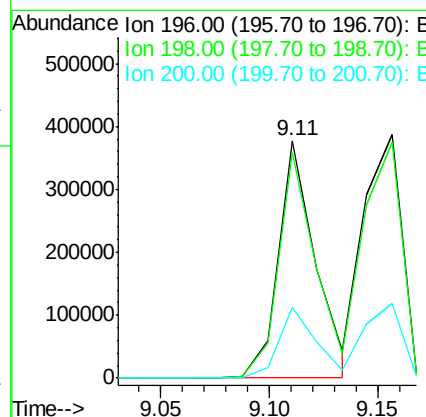
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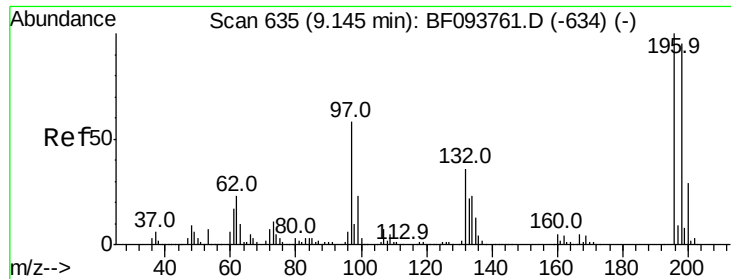
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 63.40 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.0	74.2	111.4	
200	29.7	24.0	36.0	





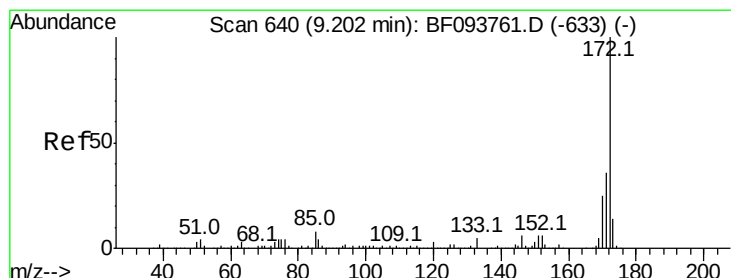
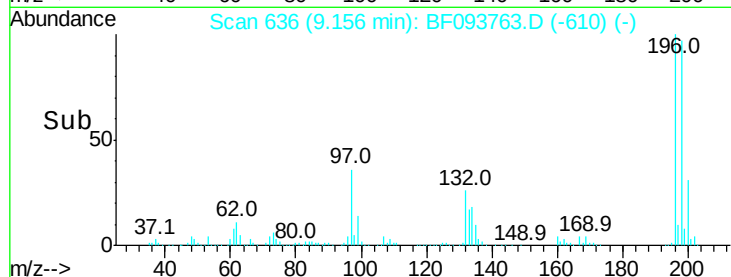
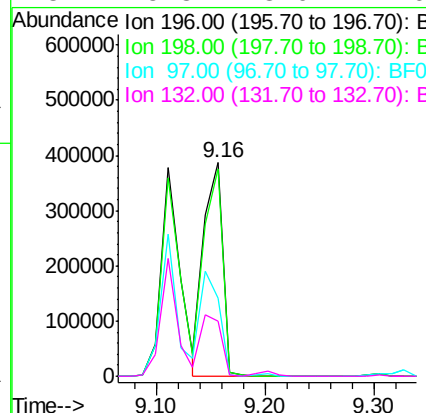
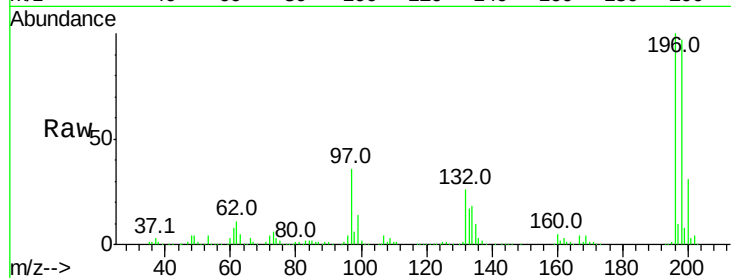
#43
 2,4,5-Trichlorophenol
 Concen: 64.98 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	474380		
198	96.8	75.7	113.5	
97	36.3	47.7	71.5	#
132	25.8	28.0	42.0	#

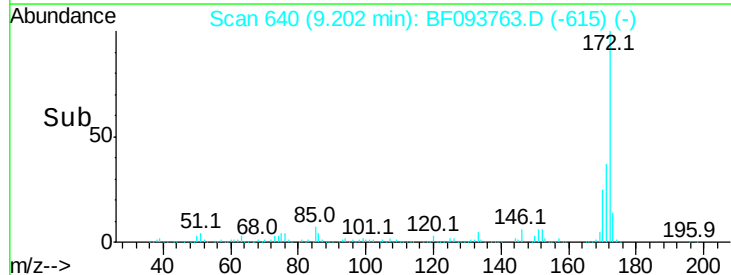
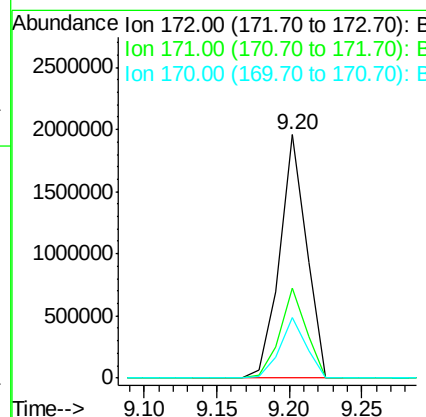
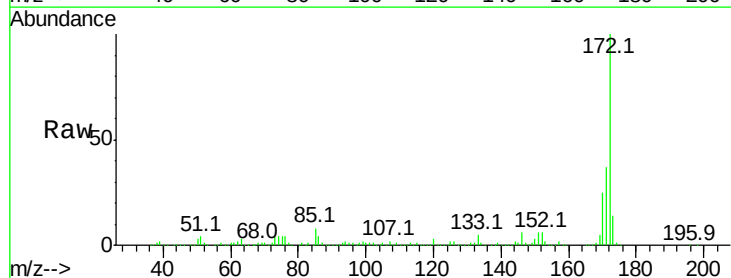
Manual Integrations
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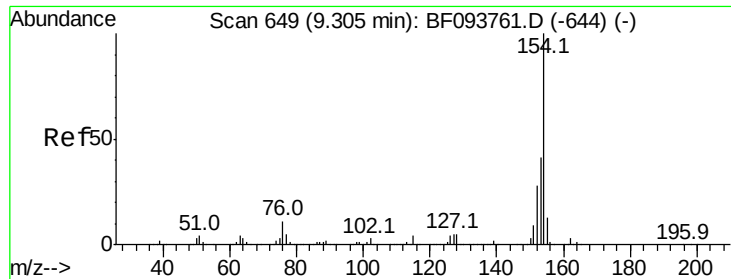
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 115.18 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2503168		
171	36.9	29.6	44.4	
170	25.0	19.8	29.8	





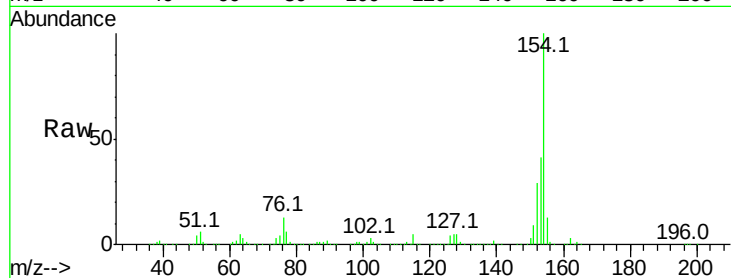
#45
 1,1'-Biphenyl
 Concen: 58.88 ng
 RT: 9.30 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

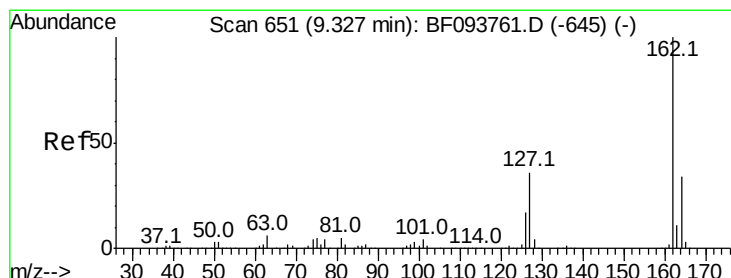
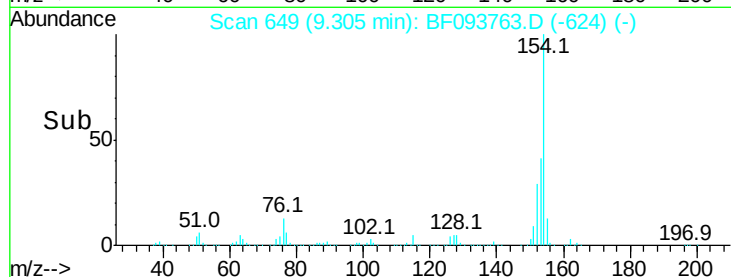
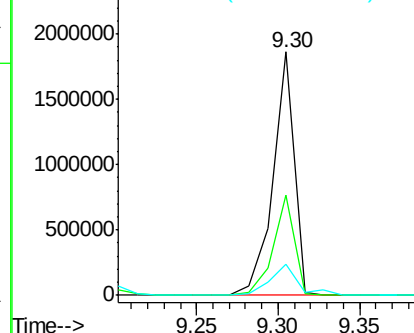
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.9	0.0	29.9

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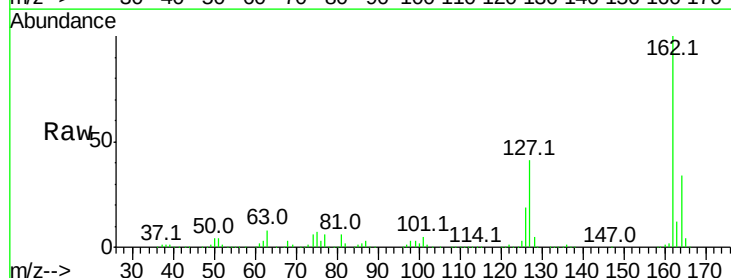


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

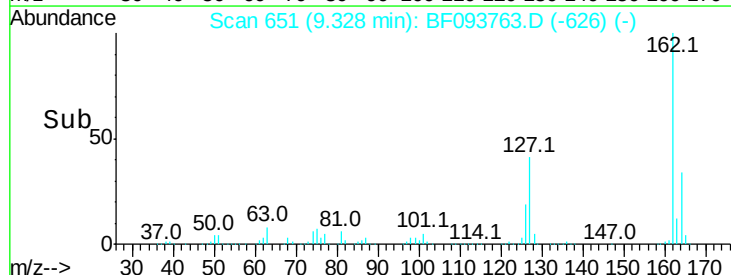
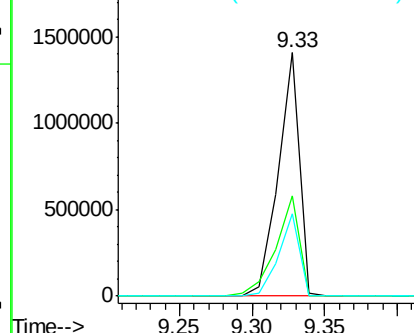


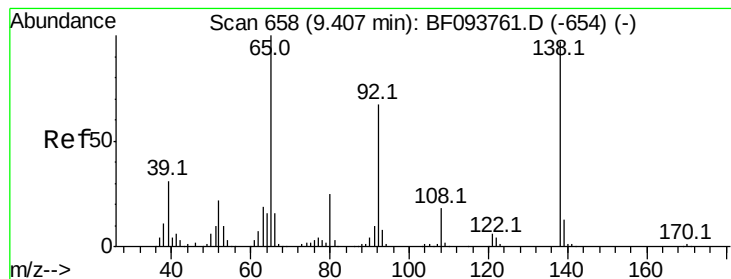
#46
 2-Chloronaphthalene
 Concen: 61.38 ng
 RT: 9.33 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	33.8	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: 69.25 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 65 Resp: 462248

Ion Ratio Lower Upper

65 100

92 77.1 53.9 80.9

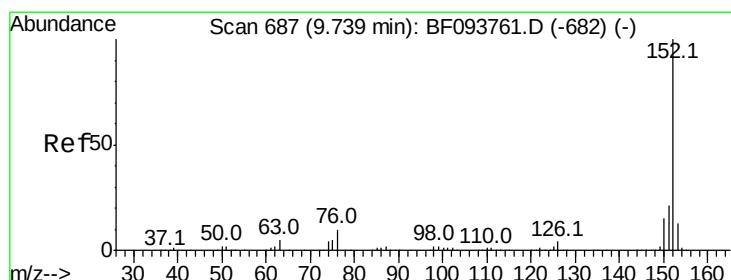
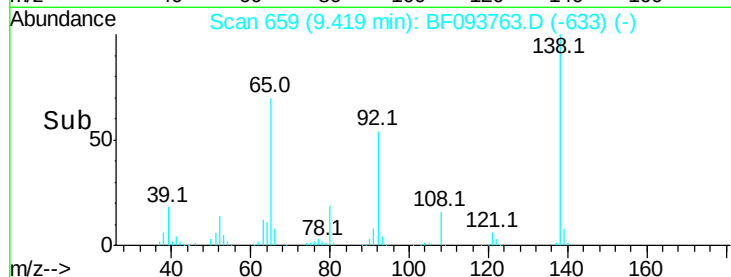
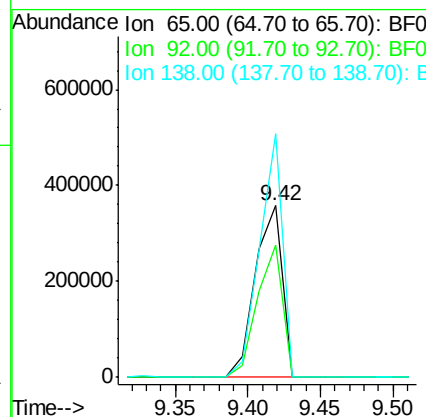
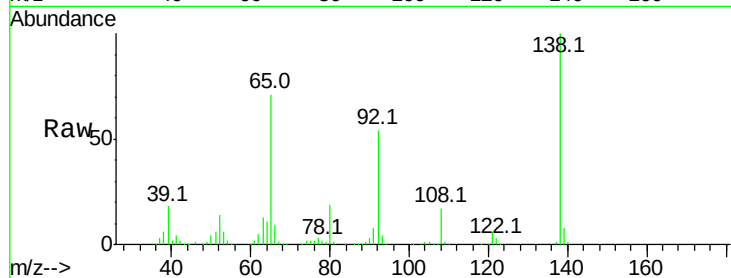
138 141.8 78.8 118.2#

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#48

Acenaphthylene

Concen: 56.11 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

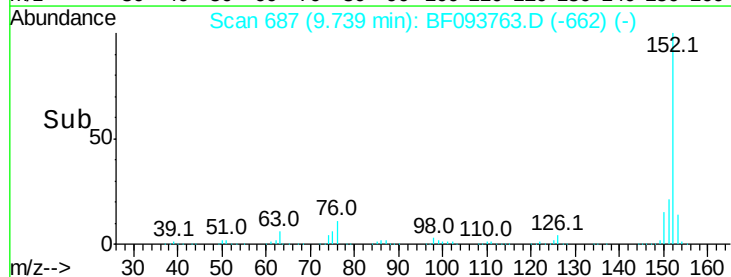
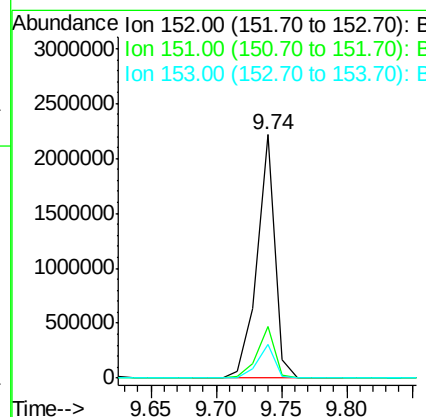
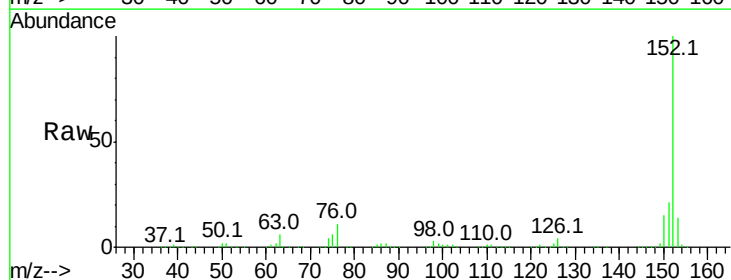
Tgt Ion: 152 Resp: 2111148

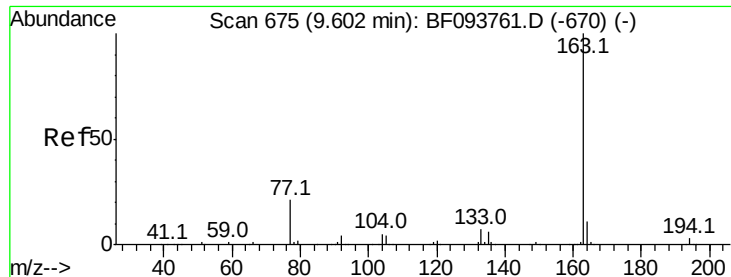
Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

153 13.9 10.8 16.2





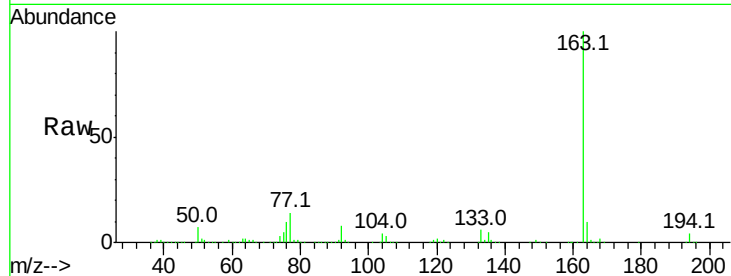
#49
Dimethylphthalate
Concen: 63.77 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

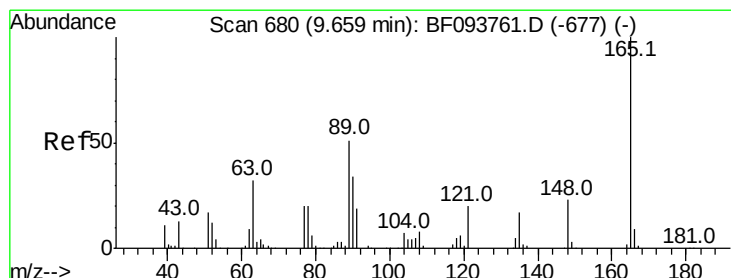
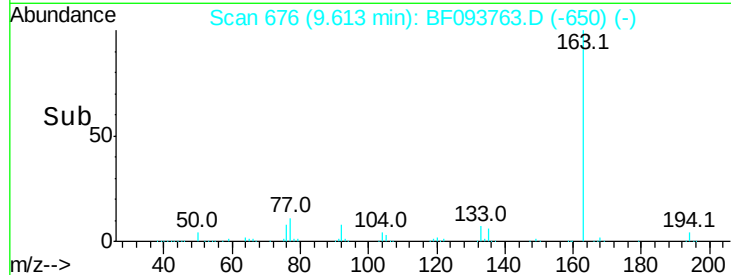
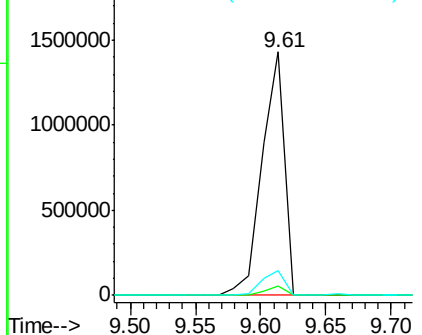
Tot Ion:163 Resp: 1708282
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.1 8.4 12.6

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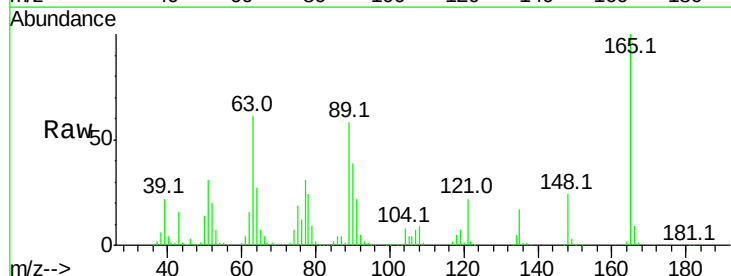


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

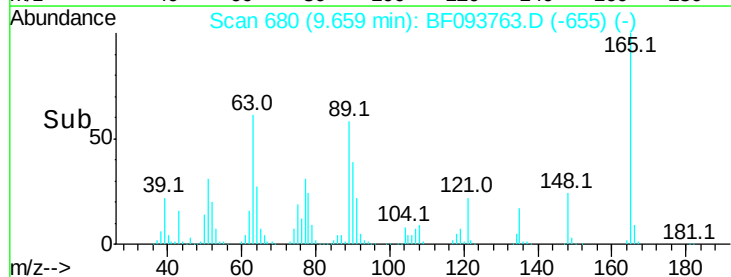
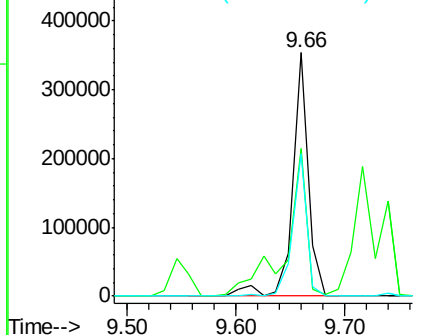


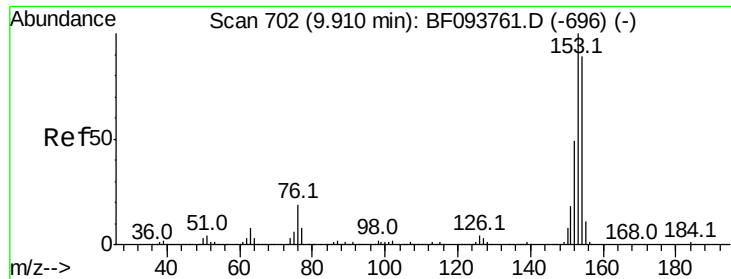
#50
2,6-Dinitrotoluene
Concen: 61.86 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion:165 Resp: 357889
Ion Ratio Lower Upper
165 100
63 60.7 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: 56.58 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1254599

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

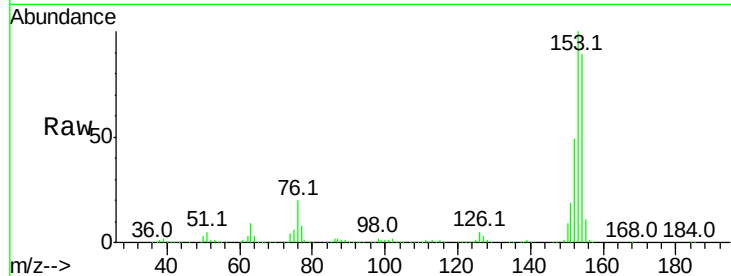
152 55.6 43.6 65.4

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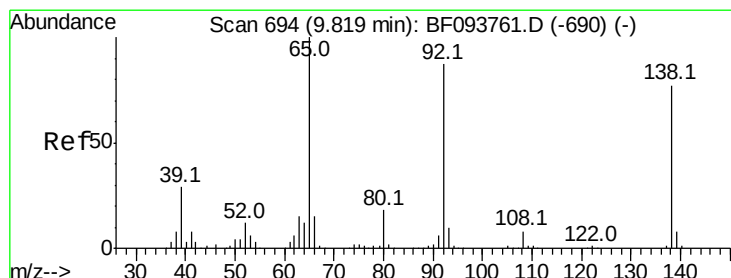
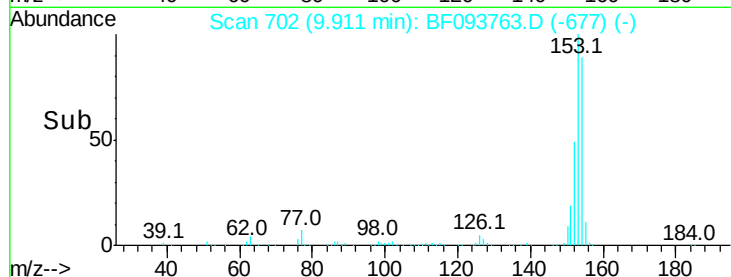
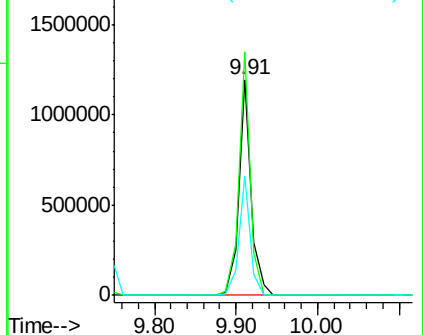
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 69.58 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

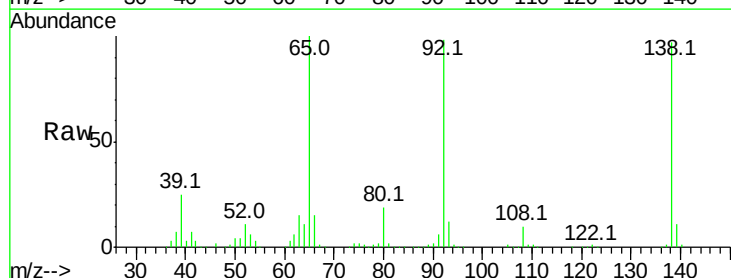
Tgt Ion:138 Resp: 477671

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

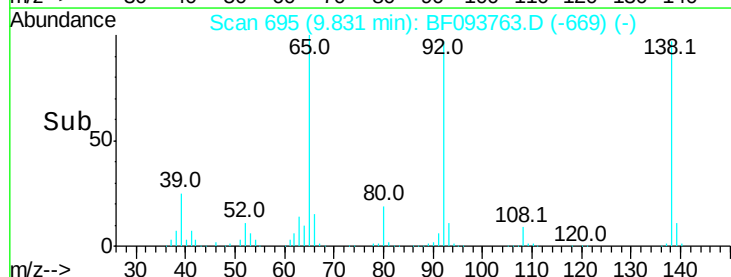
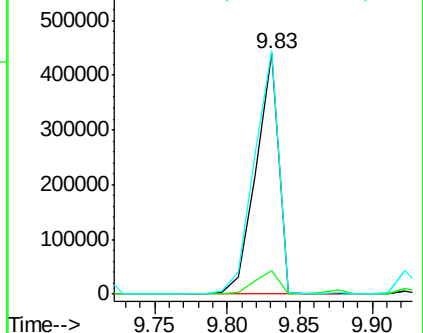
92 101.1 93.8 140.6

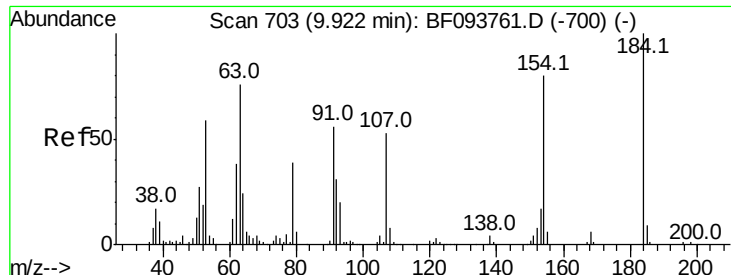


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





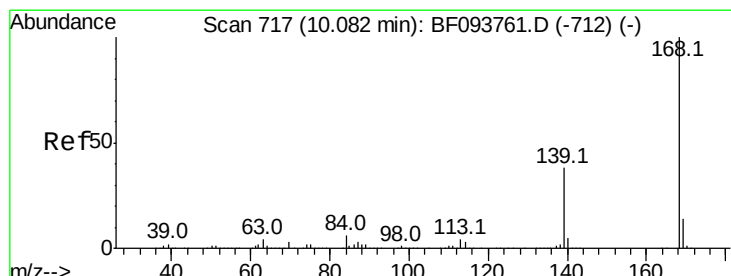
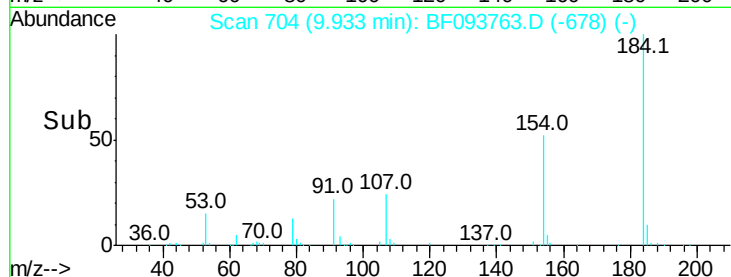
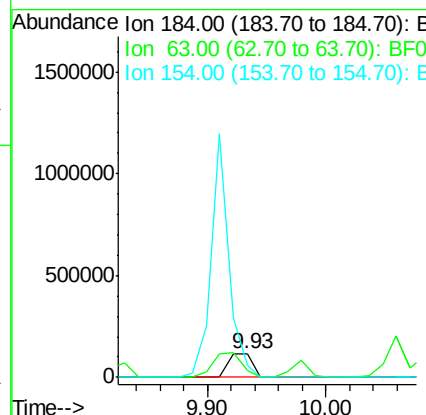
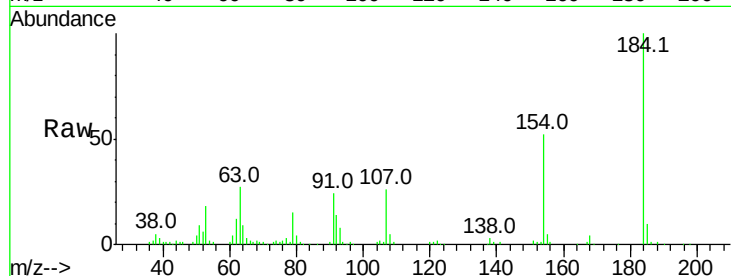
#53
2,4-Dinitrophenol
Concen: 97.31 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:184 Resp: 167780
Ion Ratio Lower Upper
184 100
63 26.8 62.7 94.1#
154 51.9 81.1 121.7#

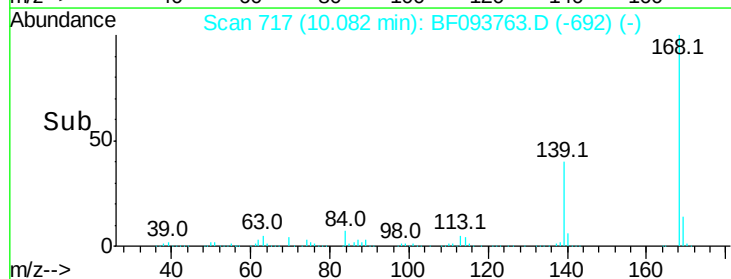
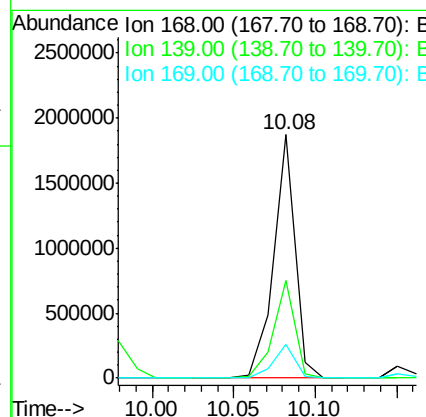
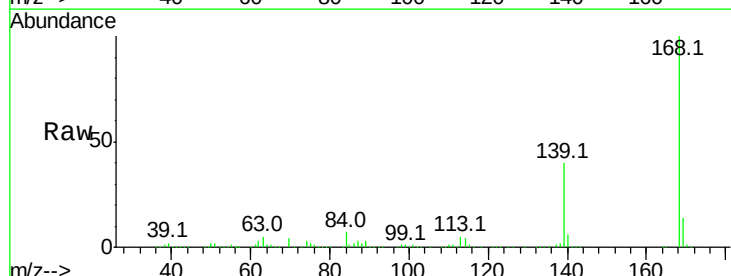
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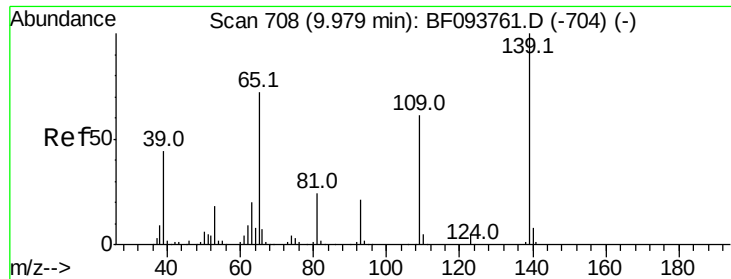
mohammad
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#54
Dibenzofuran
Concen: 57.05 ng
RT: 10.08 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion:168 Resp: 1719640
Ion Ratio Lower Upper
168 100
139 40.3 30.6 45.8
169 13.9 10.8 16.2





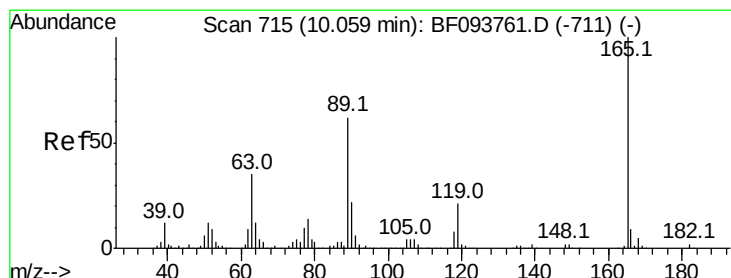
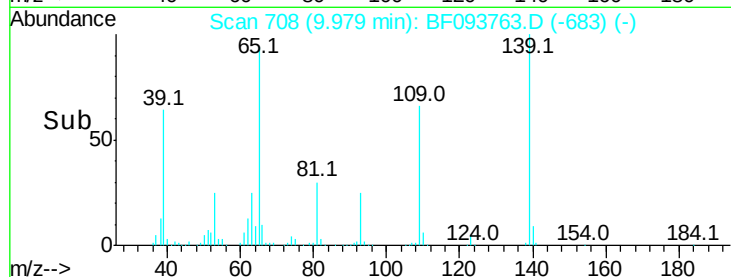
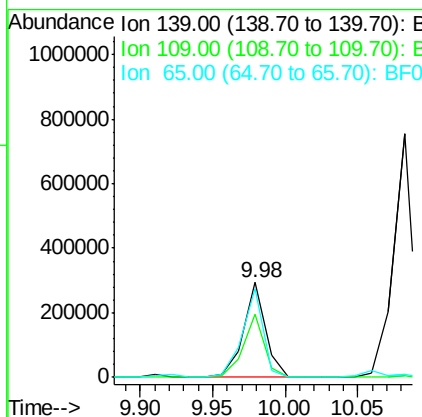
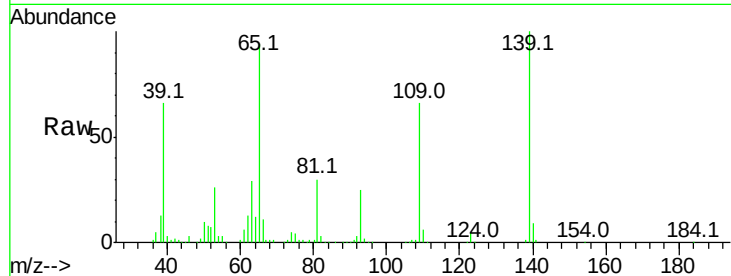
#55
4-Nitrophenol
Concen: 59.76 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.1	34.1	74.1	
65	94.0	31.4	71.4	

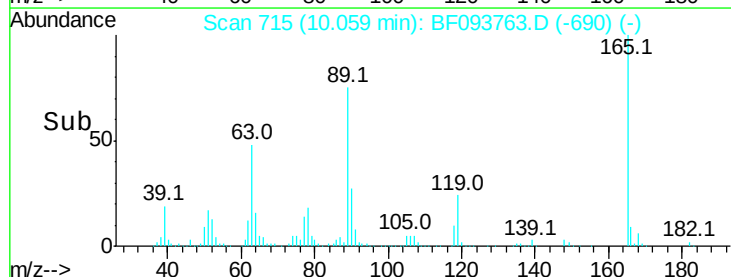
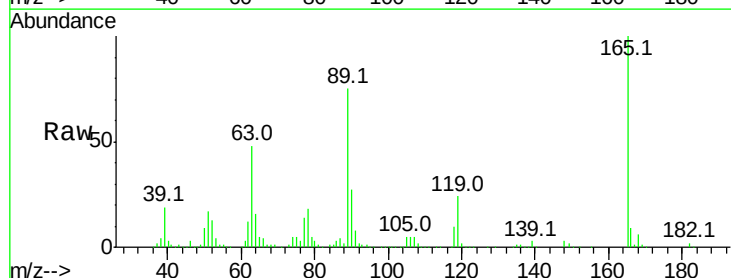
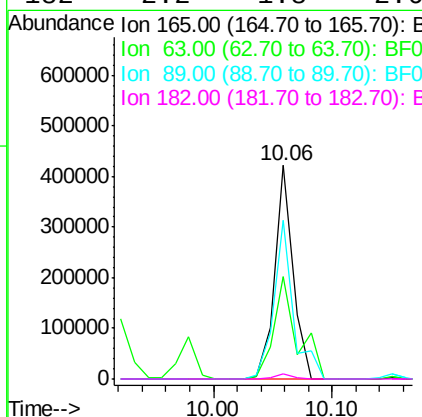
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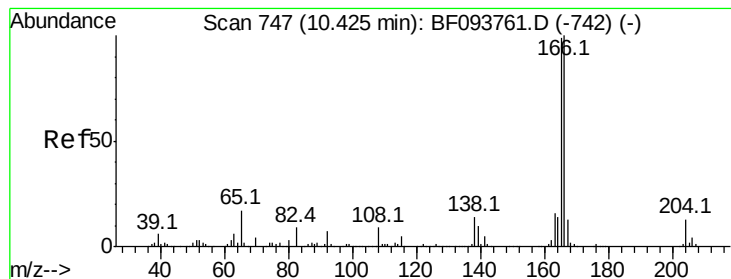
mohammad
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#56
2,4-Dinitrotoluene
Concen: 58.56 ng
RT: 10.06 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	25.4	38.0	
89	74.5	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 52.16 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1275455

Ion Ratio Lower Upper

166 100

165 99.6 78.8 118.2

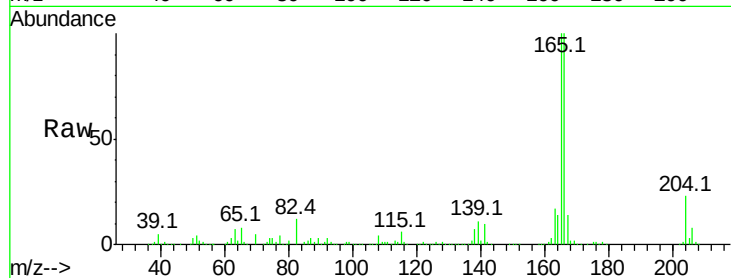
167 13.8 10.6 16.0

Manual Integrations

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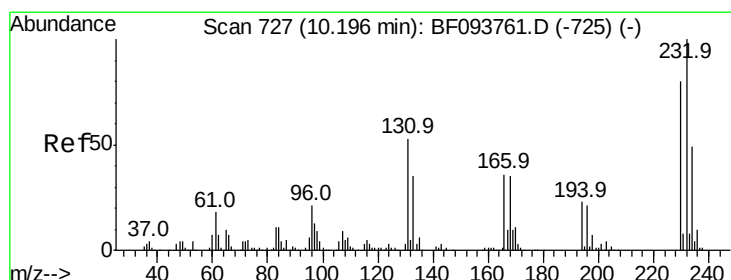
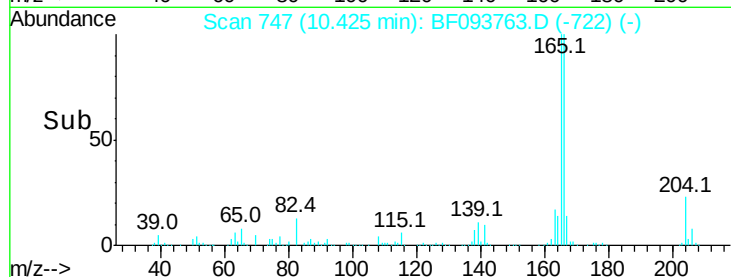
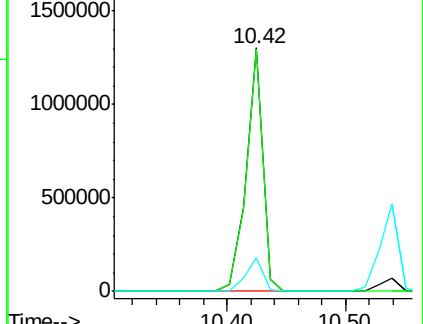
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.19 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion:232 Resp: 307166

Ion Ratio Lower Upper

232 100

131 58.7 44.8 67.2

130 2.8 2.3 3.5

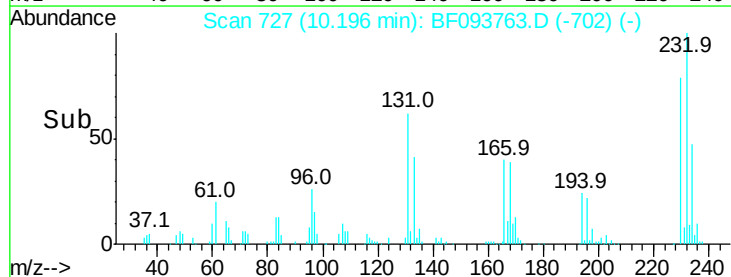
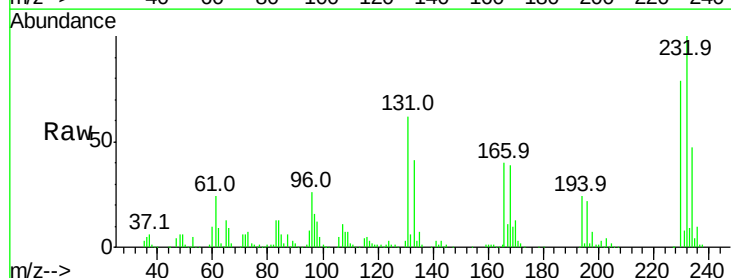
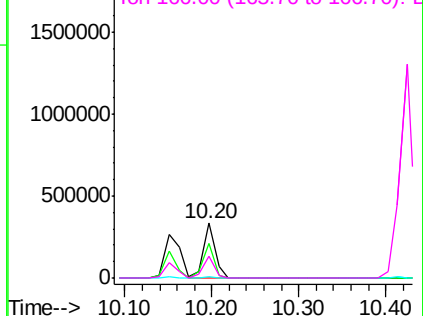
166 38.0 29.0 43.4

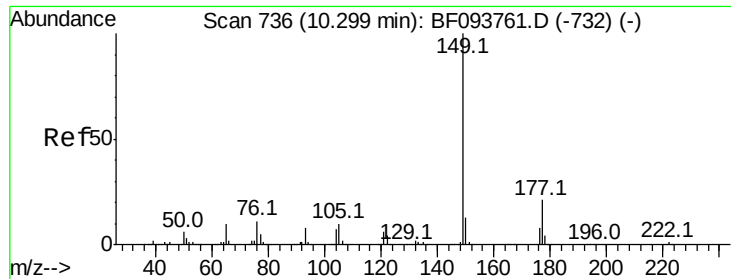
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





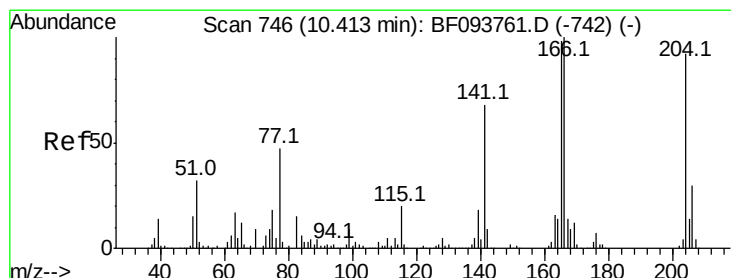
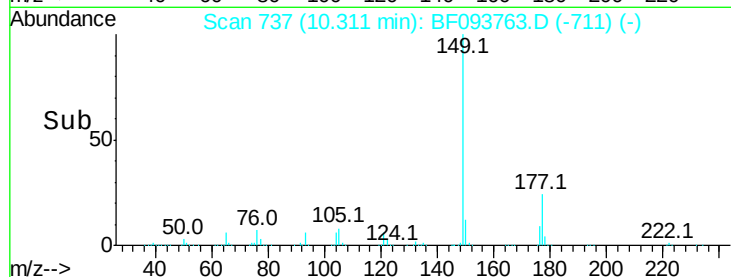
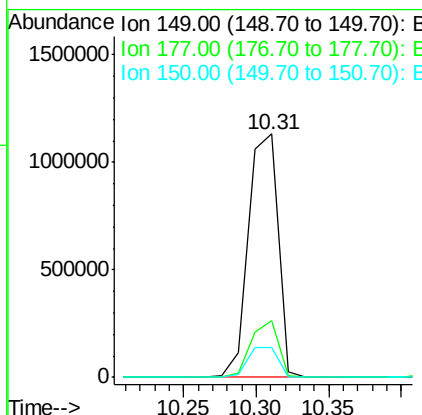
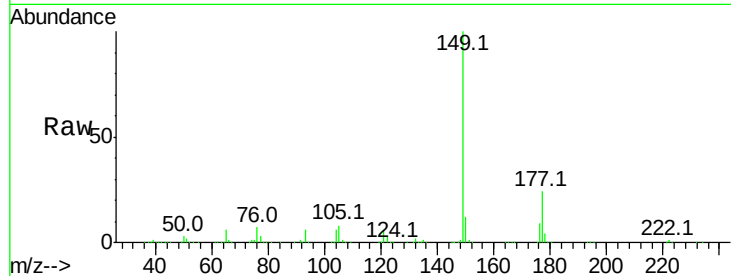
#59
Diethylphthalate
Concen: 62.91 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion:149 Resp: 1604016
Ion Ratio Lower Upper
149 100
177 23.5 16.7 25.1
150 12.3 10.2 15.2

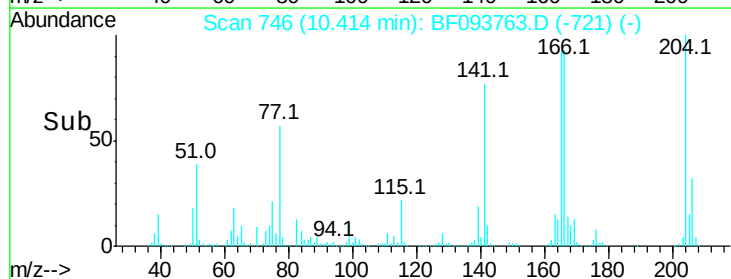
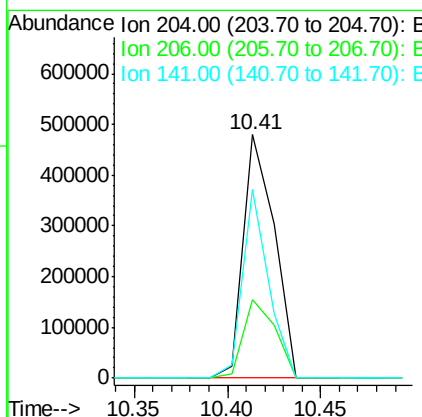
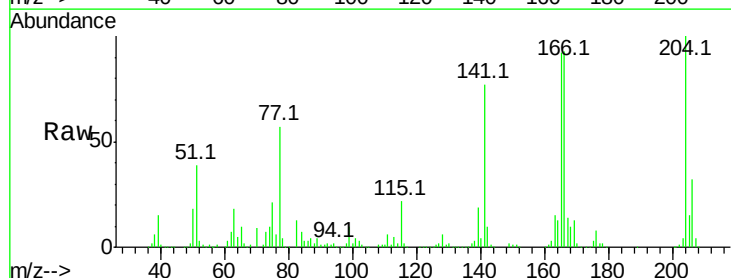
Manual Integrations
APPROVED

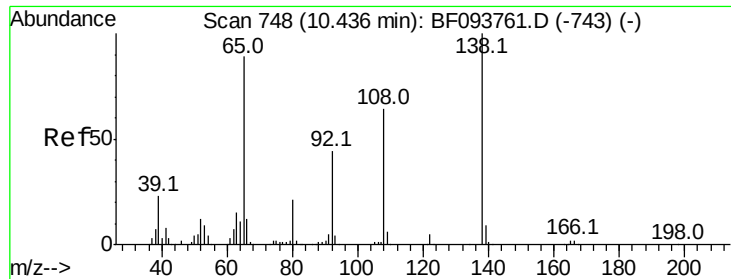
mohammad
3/21/2017 2:44:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 53.83 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion:204 Resp: 554569
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 77.2 60.8 91.2





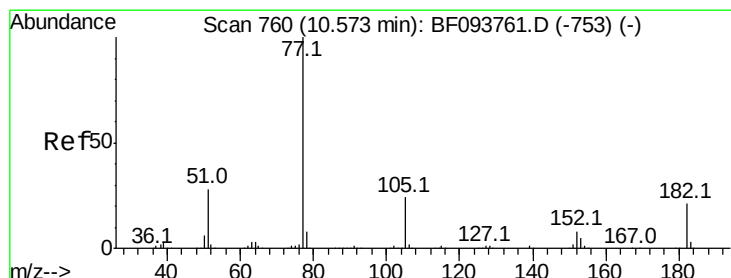
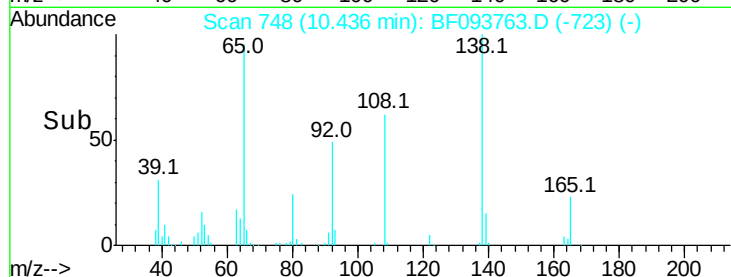
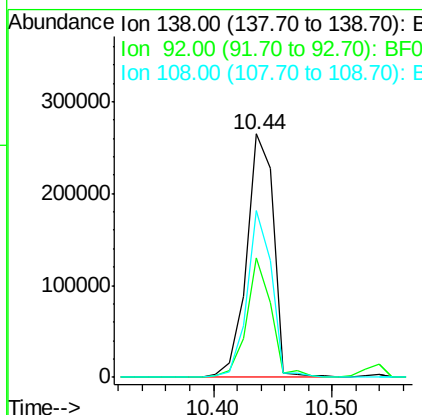
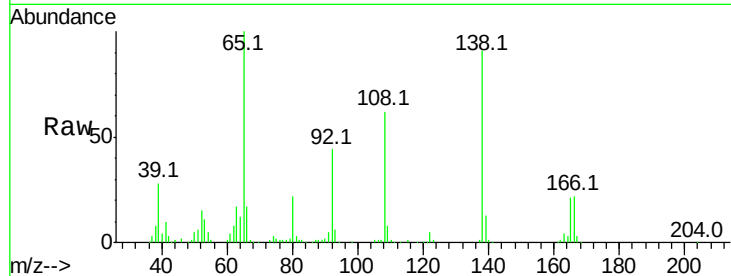
#61
4-Nitroaniline
Concen: 65.59 ng
RT: 10.44 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	21.8	61.8
108	68.3	42.3	82.3

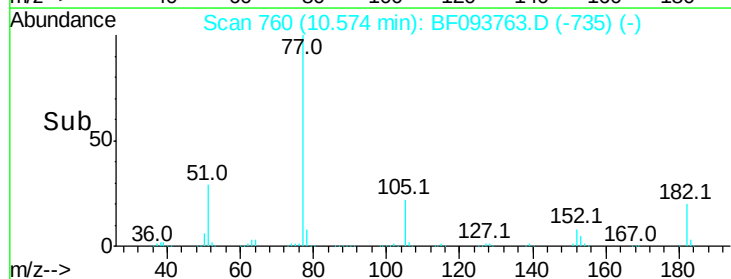
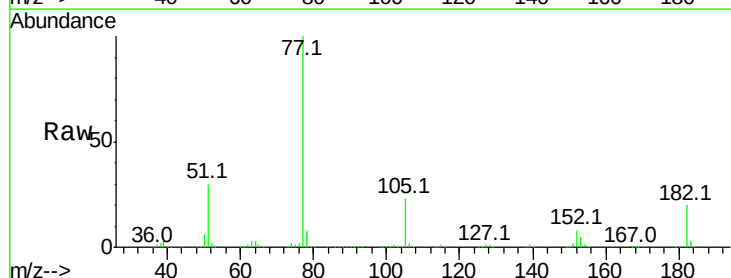
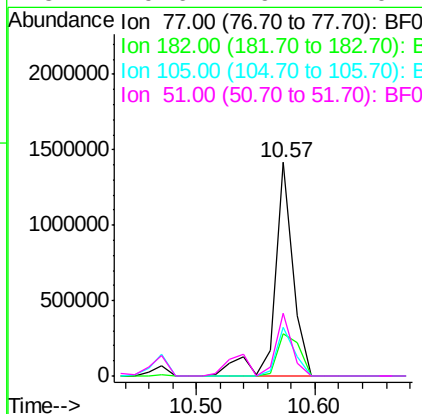
Manual Integrations
APPROVED

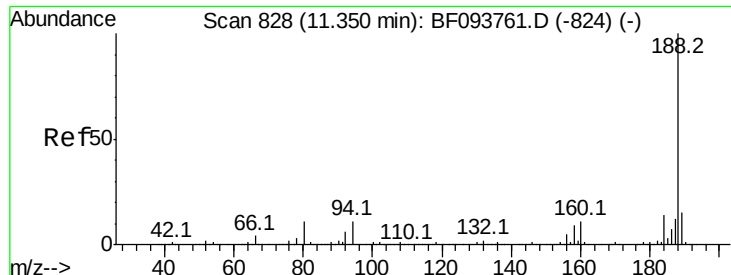
mohammad
3/21/2017 2:44:58 PM



#62
Azobenzene
Concen: 59.09 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.6	0.1	40.1
105	22.8	3.6	43.6
51	29.6	9.4	49.4





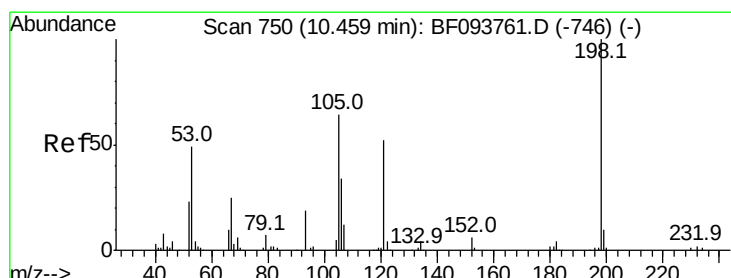
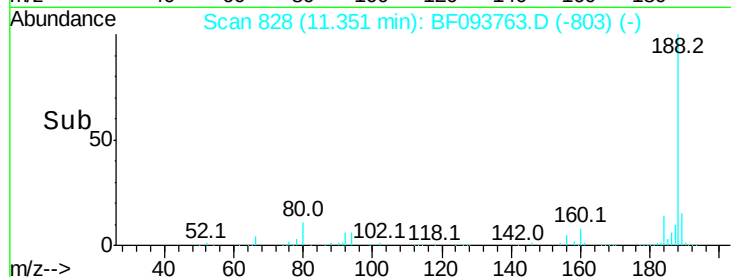
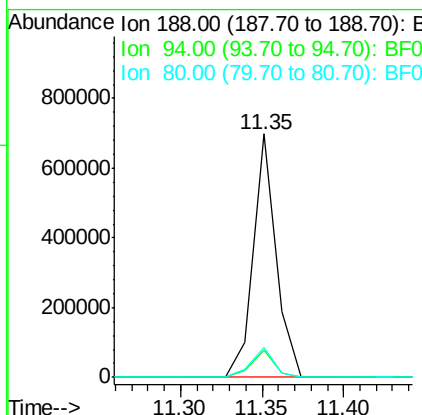
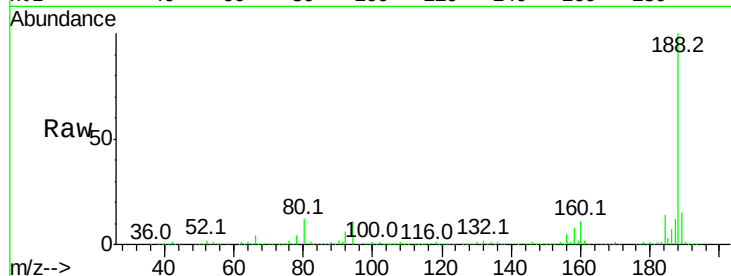
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	679122		
94	11.5		9.4	14.2
80	12.0		10.2	15.2

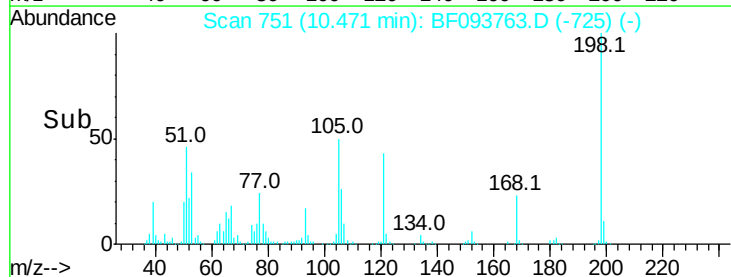
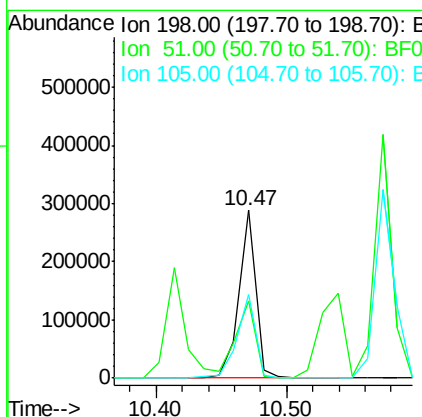
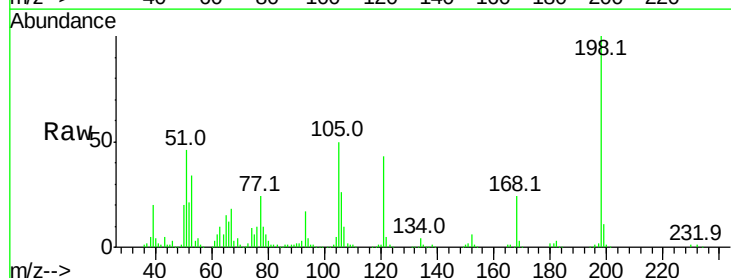
Manual Integrations
APPROVED

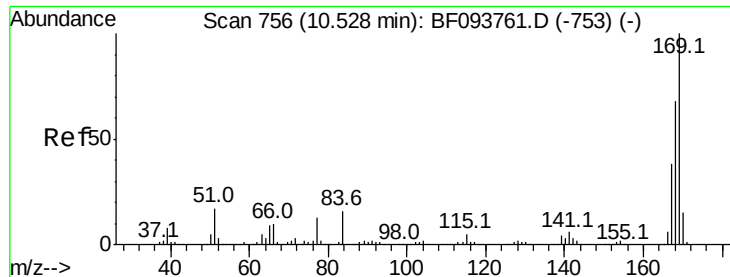
mohammad
3/21/2017 2:44:58 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 86.27 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	256115		
51	46.0		53.2	93.2#
105	49.6		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 58.29 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:169 Resp: 1336422

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

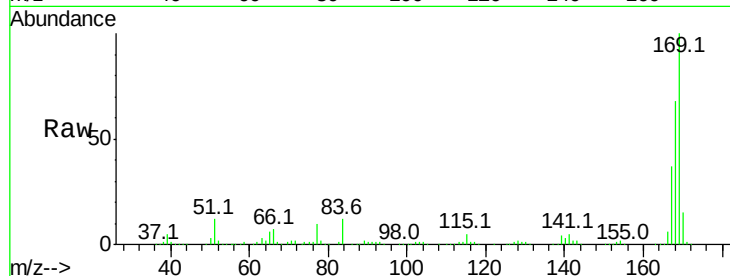
167 37.0 29.5 44.3

Manual Integrations

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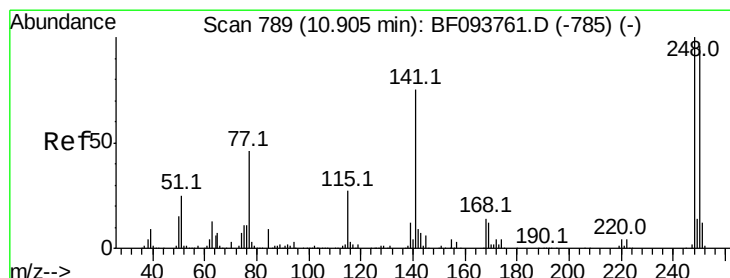
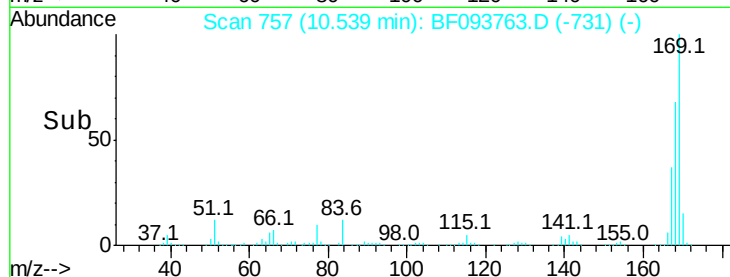
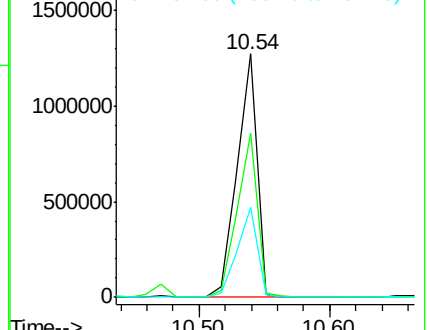
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 57.41 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

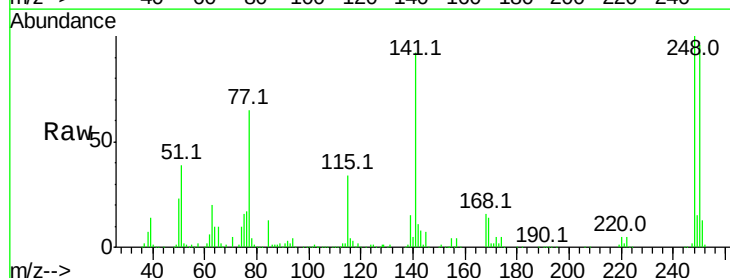
Tgt Ion:248 Resp: 368587

Ion Ratio Lower Upper

248 100

250 96.4 76.8 115.2

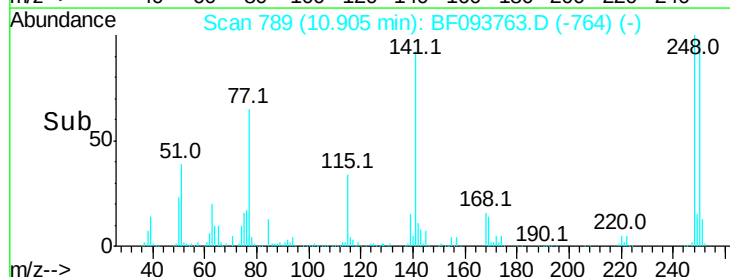
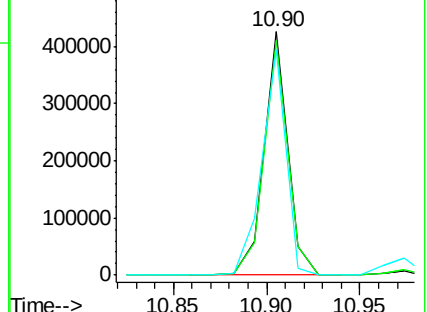
141 92.5 68.6 103.0

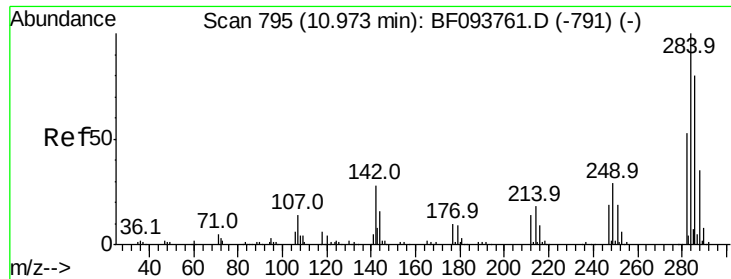


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





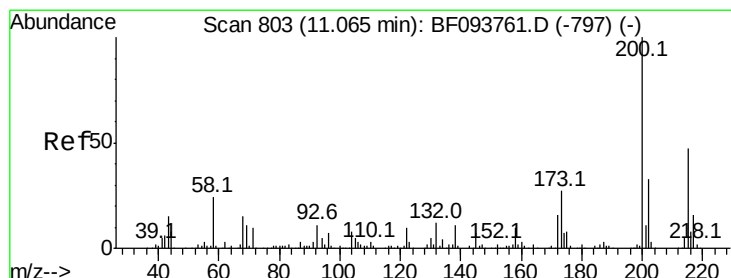
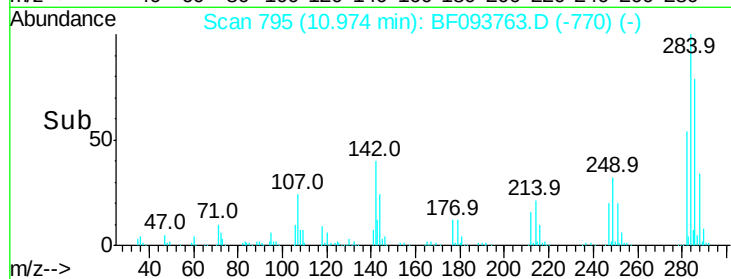
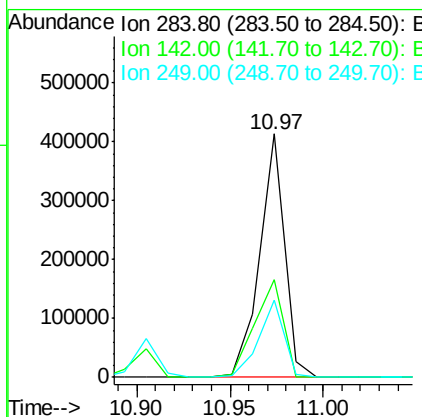
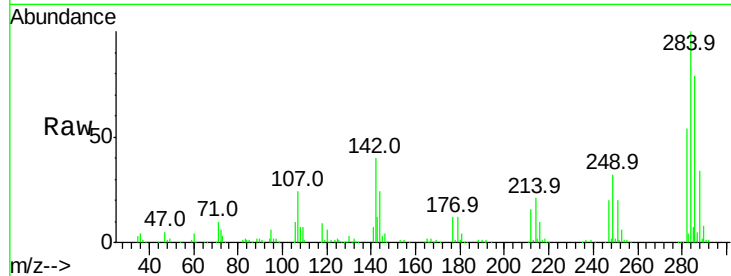
#67
Hexachlorobenzene
Concen: 56.33 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100	377961		
142	40.4	22.8	34.2#	
249	31.9	24.0	36.0	

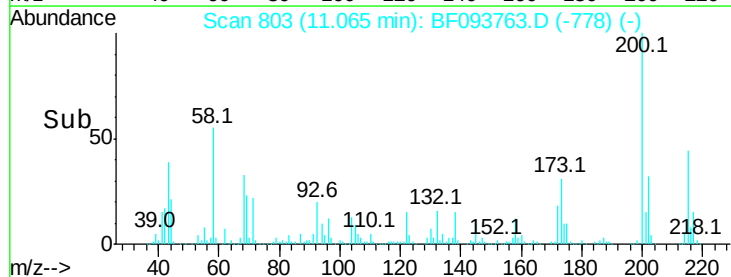
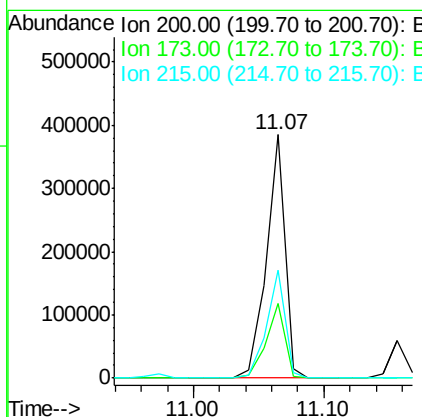
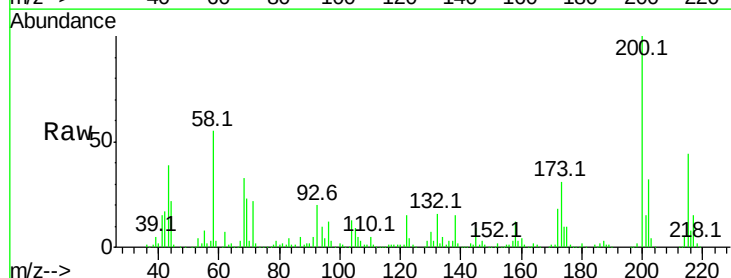
Manual Integrations
APPROVED

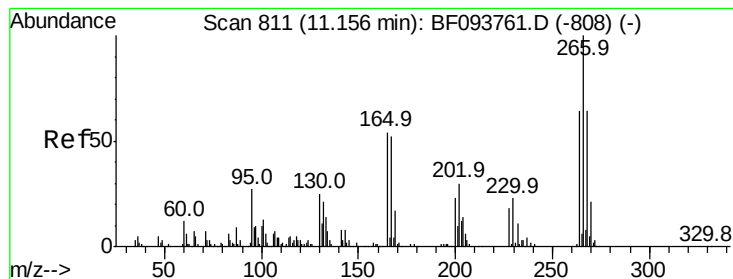
mohammad
3/21/2017 2:44:58 PM



#68
Atrazine
Concen: 58.14 ng
RT: 11.07 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	383848		
173	30.6	6.3	46.3	
215	44.3	27.2	67.2	





#69

Pentachlorophenol

Concen: 62.25 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

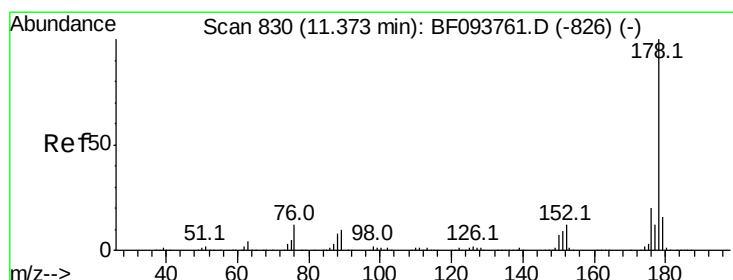
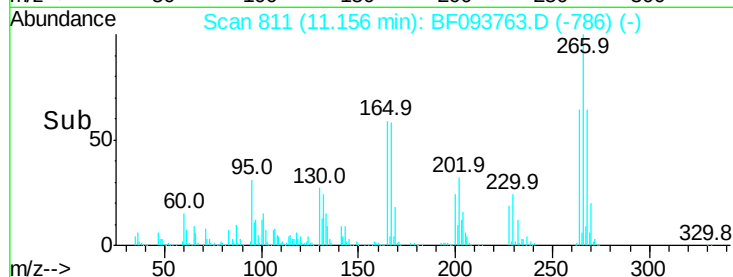
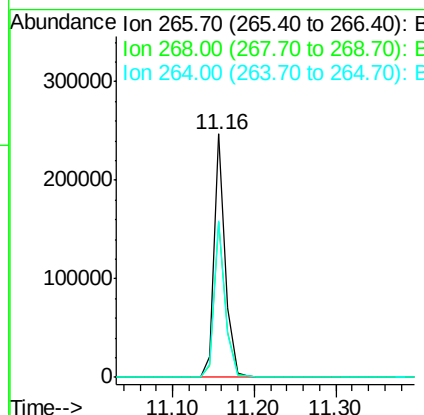
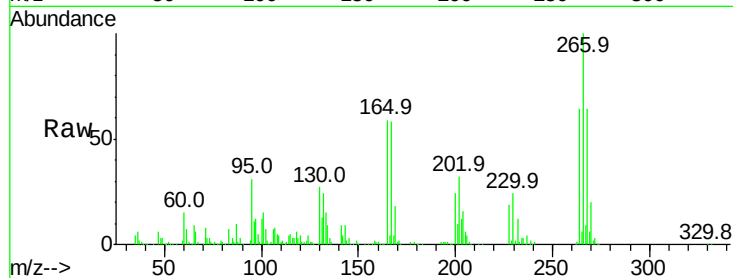
ClientSampleId :

SSTDIC060

Tot Ion:	266	Resp:	239286
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.1	76.7
264	64.5	51.7	77.5

Manual Integrations
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mohammad
3/21/2017 2:44:58 PM



#70

Phenanthrene

Concen: 54.47 ng

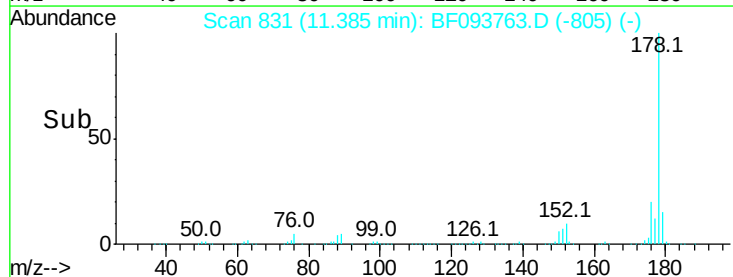
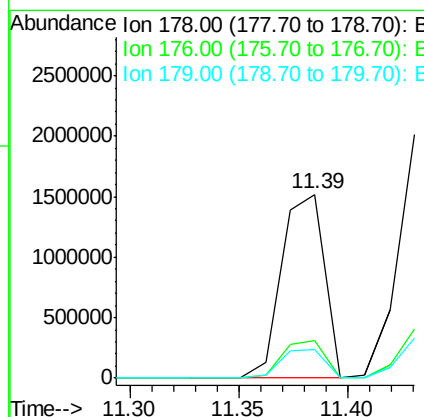
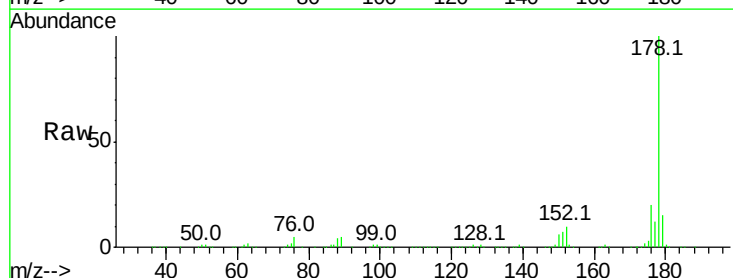
RT: 11.39 min Scan# 831

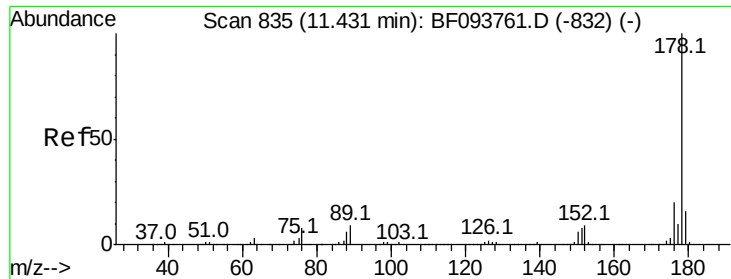
Delta R.T. 0.00 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion:	178	Resp:	2091345
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.2	24.4
179	15.3	12.6	19.0





#71
 Anthracene
 Concen: 50.50 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

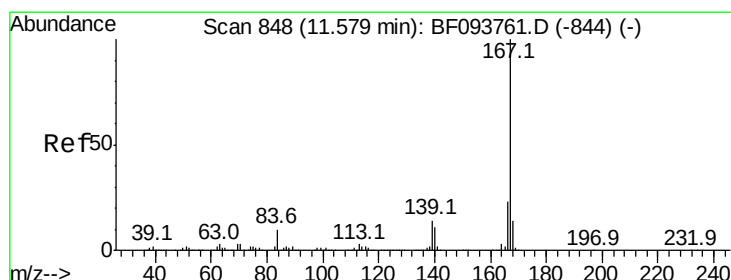
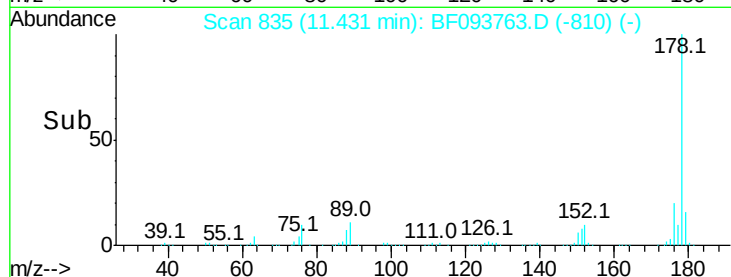
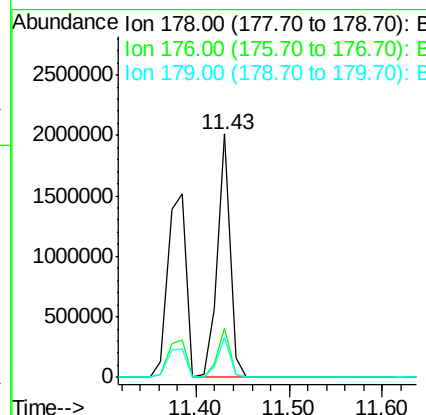
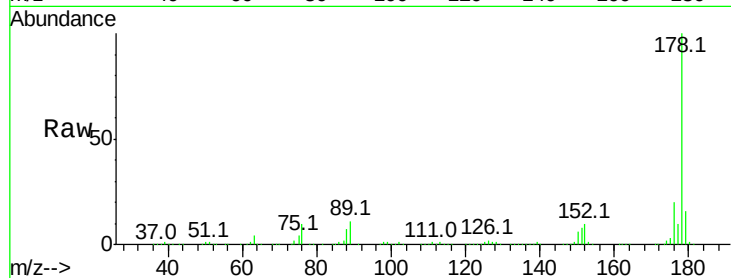
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1897259

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.3	12.7	19.1

Manual Integrations
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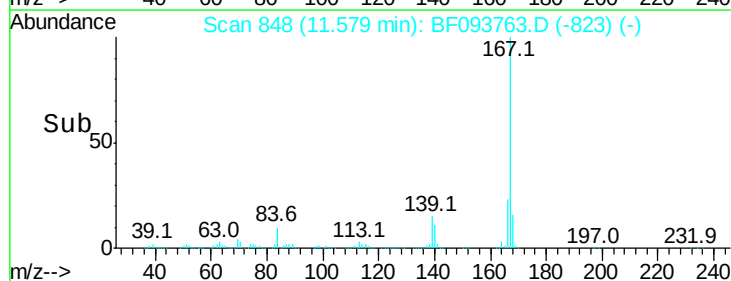
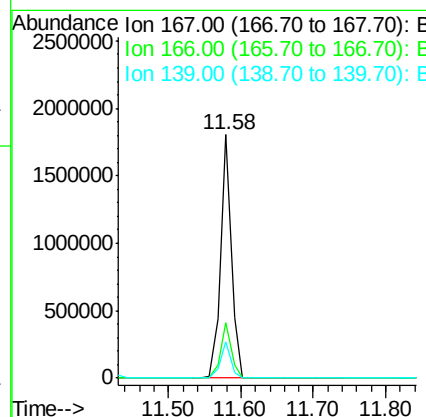
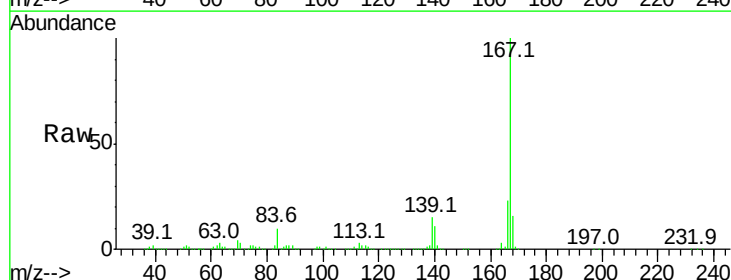
mohammad
 3/21/2017 2:44:58 PM

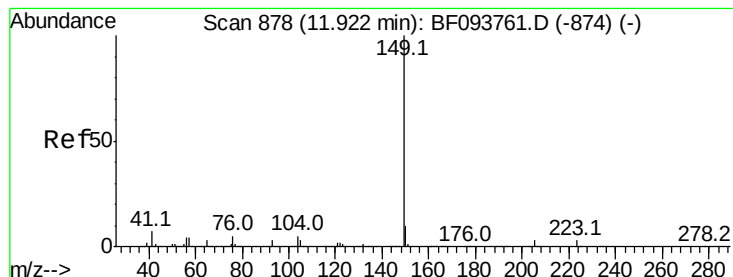


#72
 Carbazole
 Concen: 47.56 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion:167 Resp: 1870512

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.6	11.7	17.5





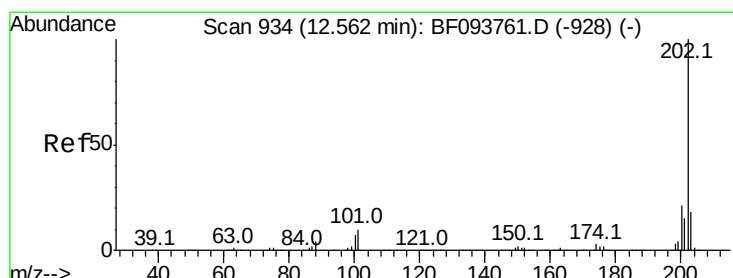
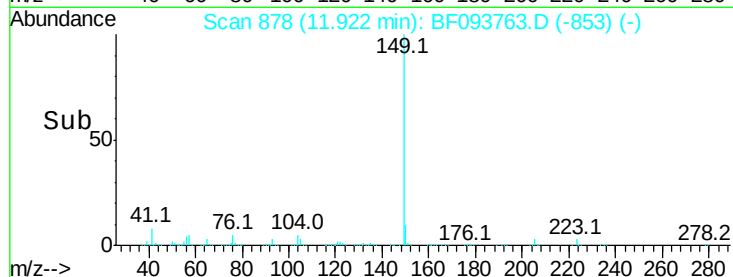
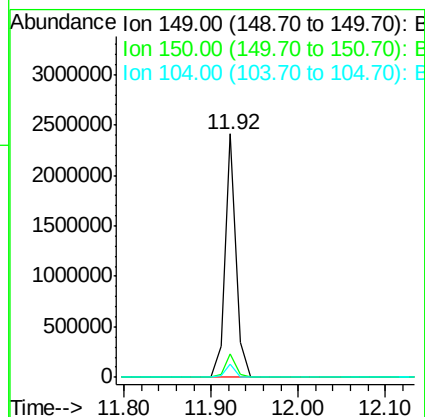
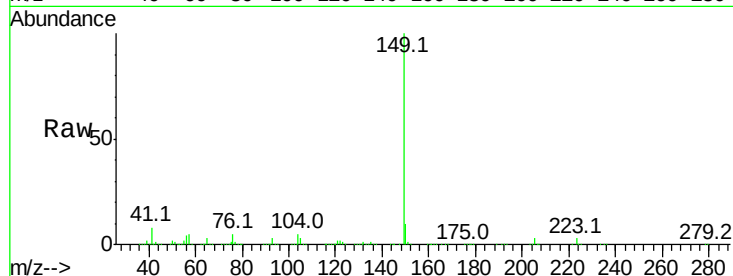
#73
Di-n-butylphthalate
Concen: 52.53 ng
RT: 11.92 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.3	4.0	6.0

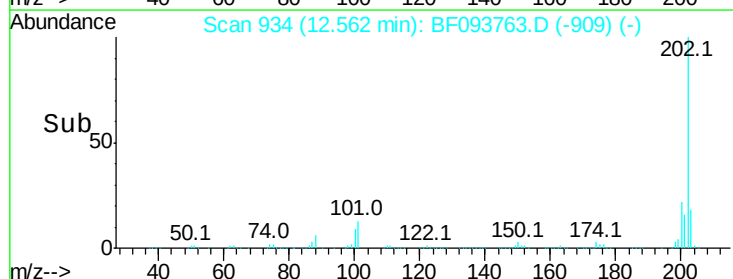
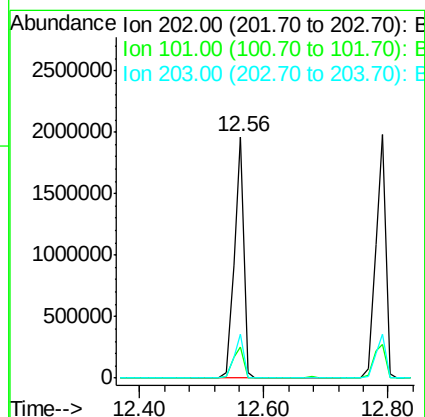
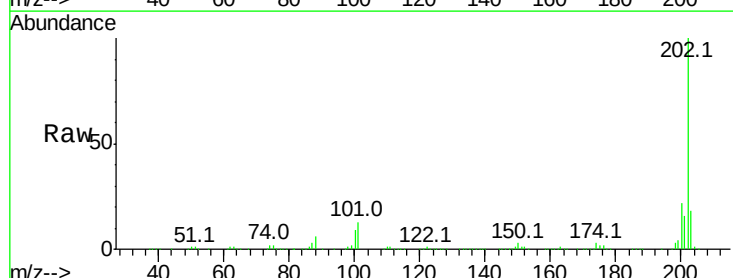
Manual Integrations
APPROVED

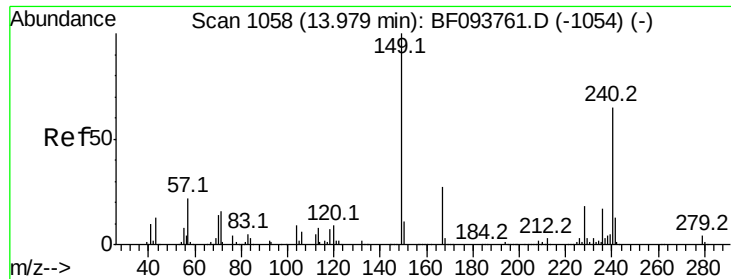
mohammad
3/21/2017 2:44:58 PM



#74
Fluoranthene
Concen: 55.35 ng
RT: 12.56 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

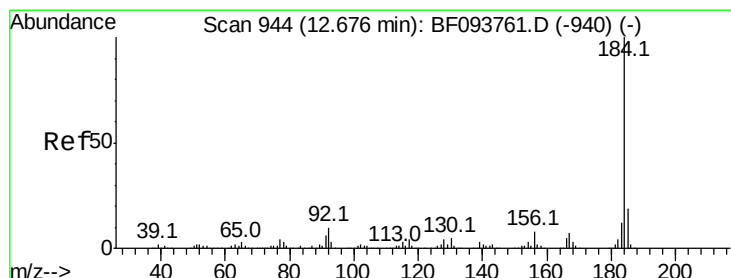
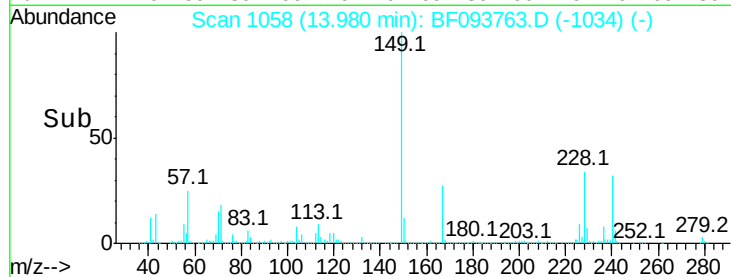
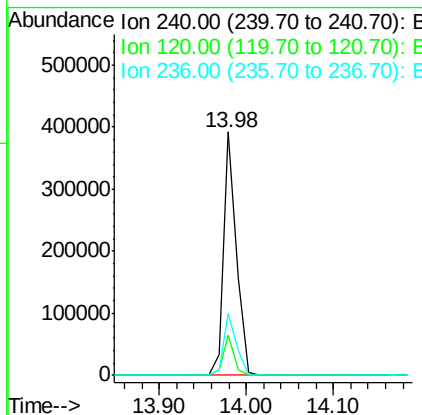
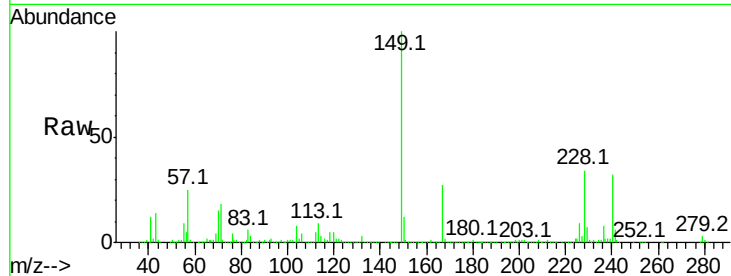
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.7	5.8	8.8#
236	25.2	20.5	30.7

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#76

Benzidine

Concen: 66.77 ng

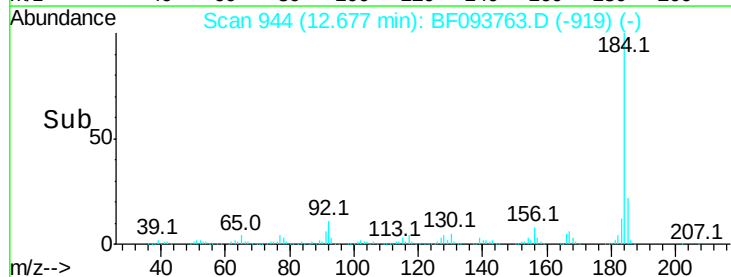
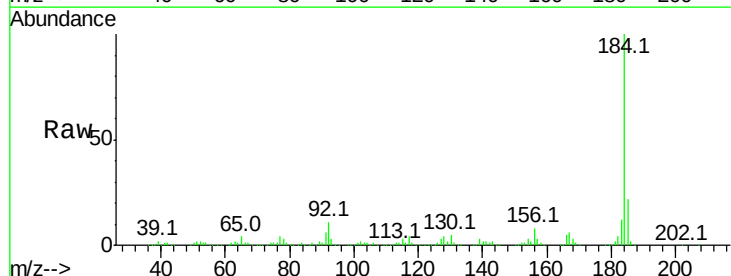
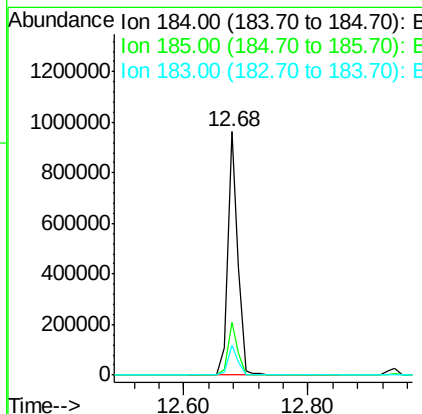
RT: 12.68 min Scan# 944

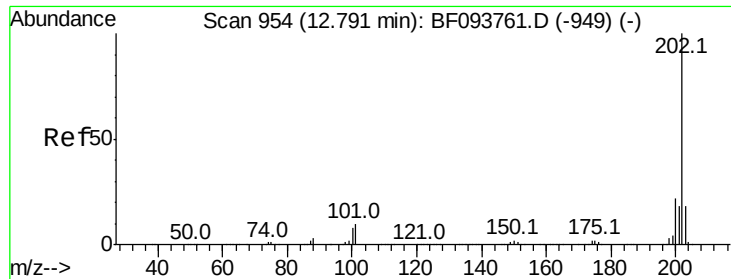
Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	22.0	15.5	23.3
183	12.3	9.8	14.6





#77

Pvrene

Concen: 63.20 ng

RT: 12.79 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

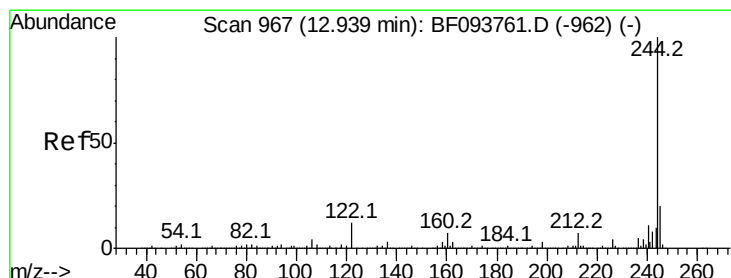
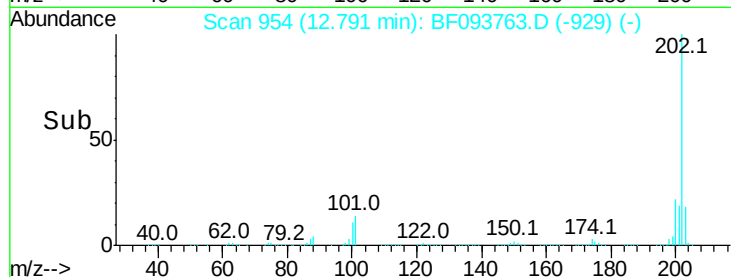
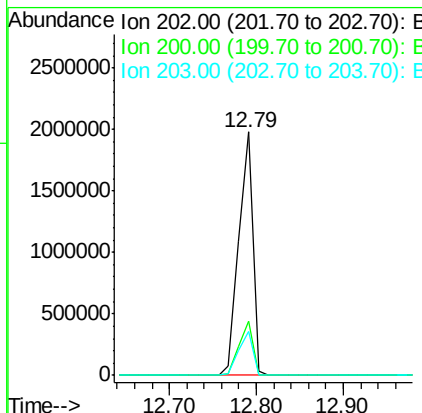
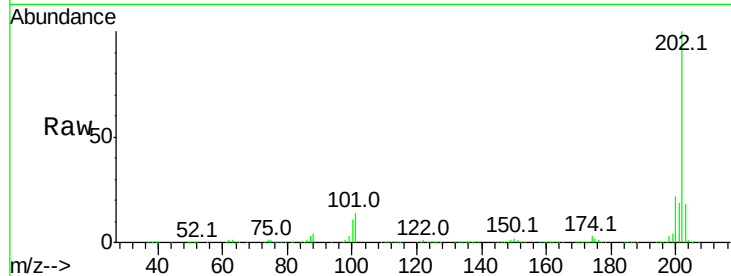
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 115.35 ng

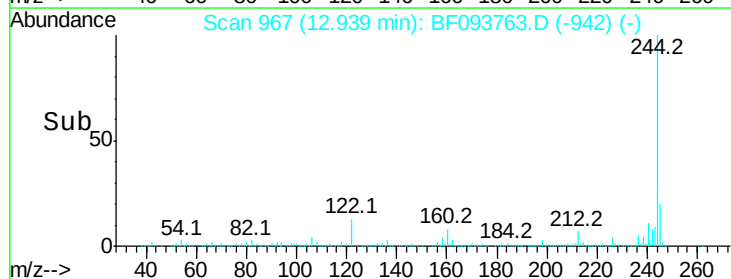
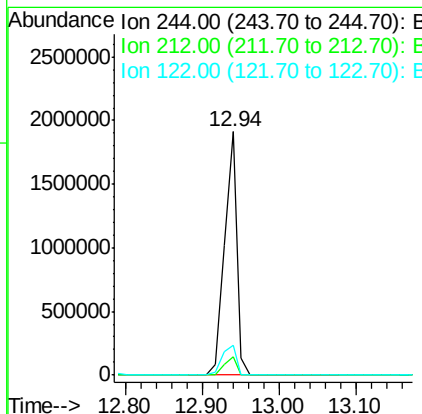
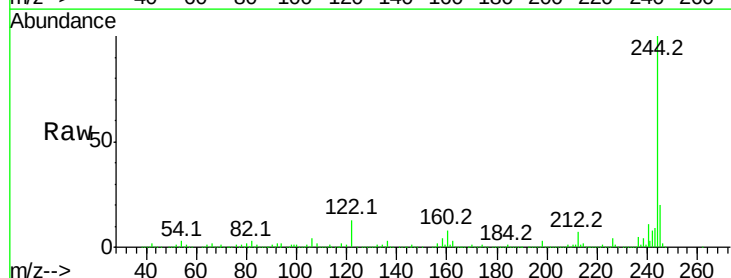
RT: 12.94 min Scan# 967

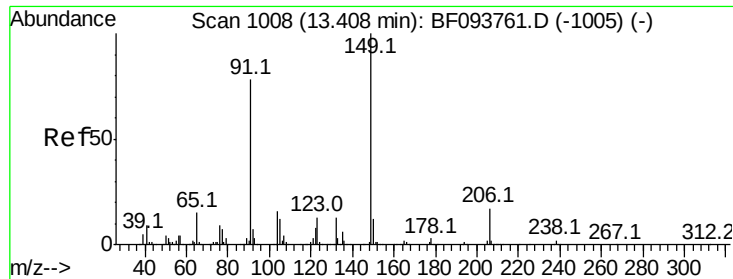
Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.5	10.3	15.5





#79

Butylbenzylphthalate

Concen: 65.04 ng

RT: 13.41 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

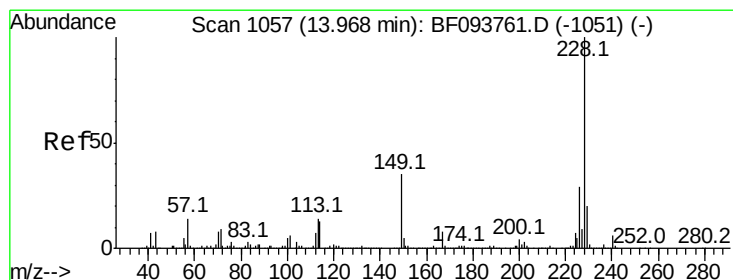
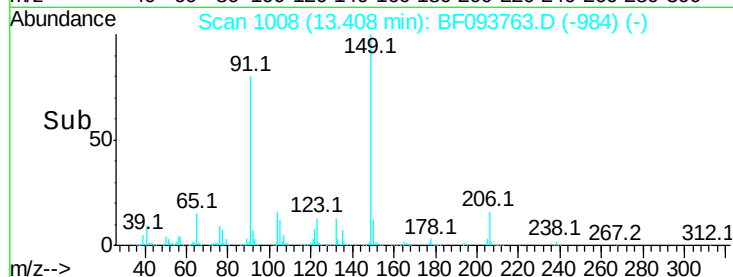
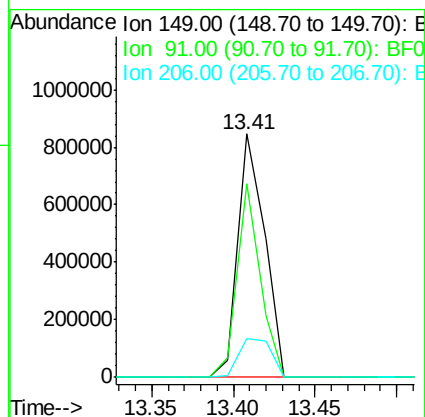
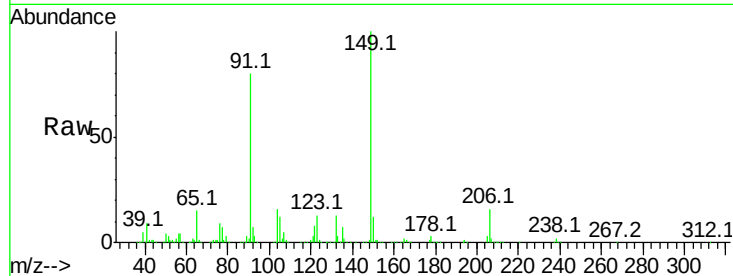
SSTDIC060

Tot Ion:149 Resp: 954847
Ion Ratio Lower Upper

149	100		
91	79.7	45.0	67.4#
206	16.2	17.0	25.6#

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#80

Benzo(a)anthracene

Concen: 58.39 ng

RT: 13.97 min Scan# 1057

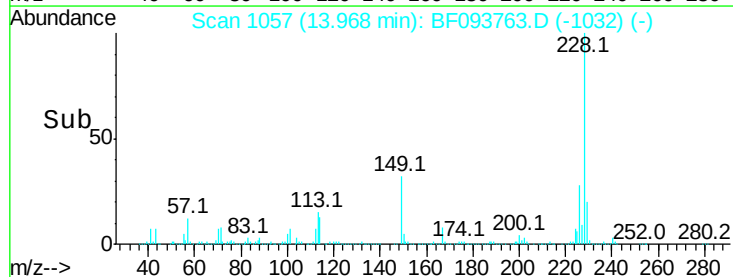
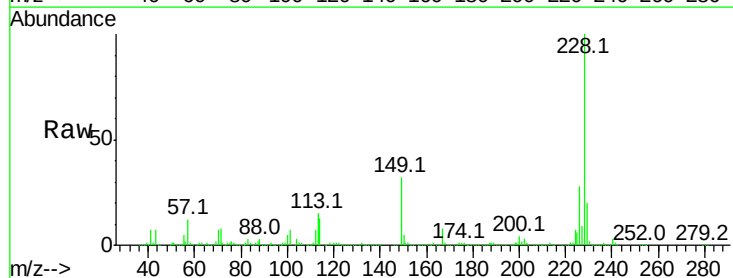
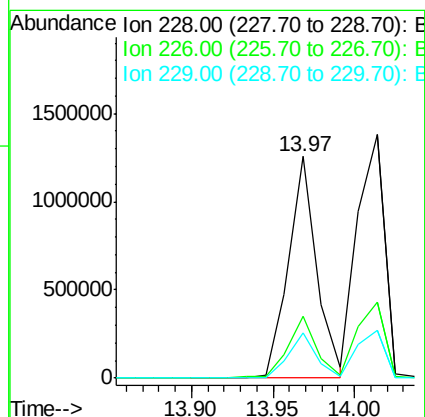
Delta R.T. -0.01 min

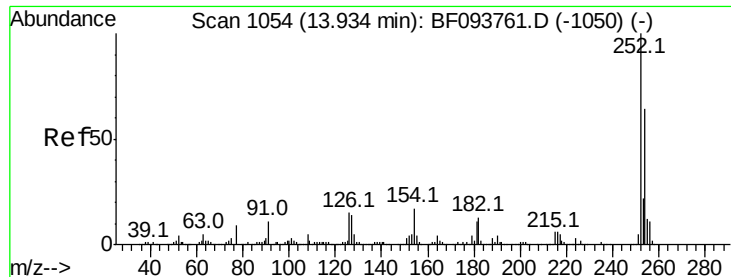
Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion:228 Resp: 1522748
Ion Ratio Lower Upper

228	100		
226	28.2	22.6	33.8
229	20.4	16.3	24.5





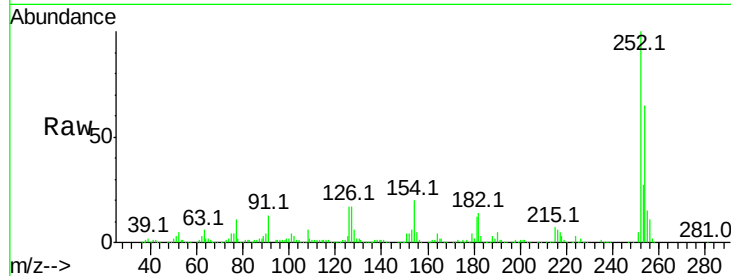
#81
 3,3'-Dichlorobenzidine
 Concen: 62.35 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

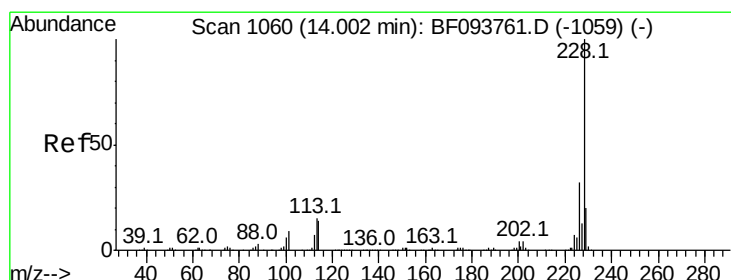
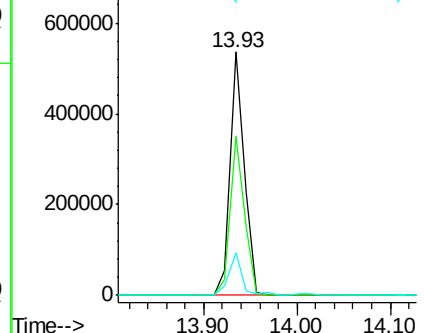
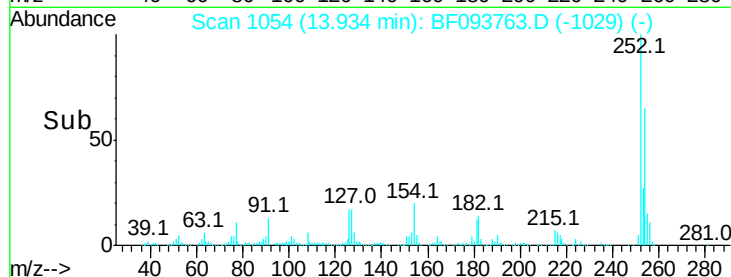
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	17.3	15.8	23.8

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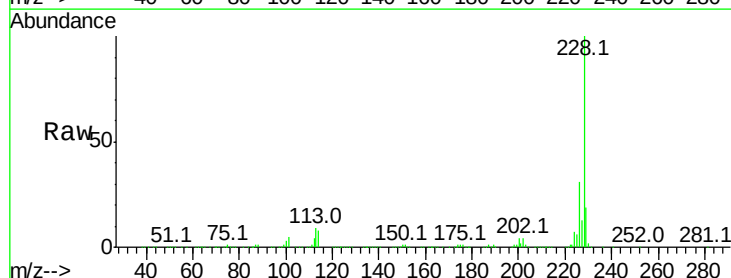


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

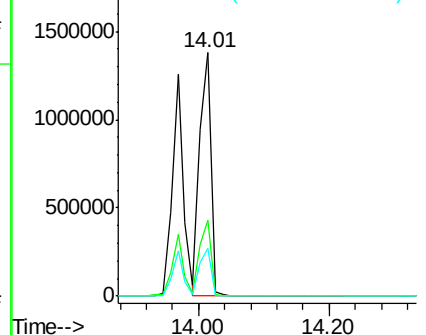
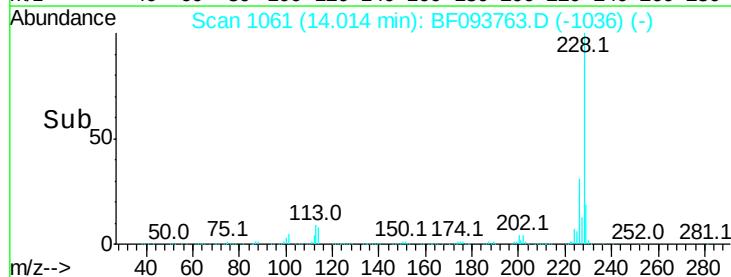


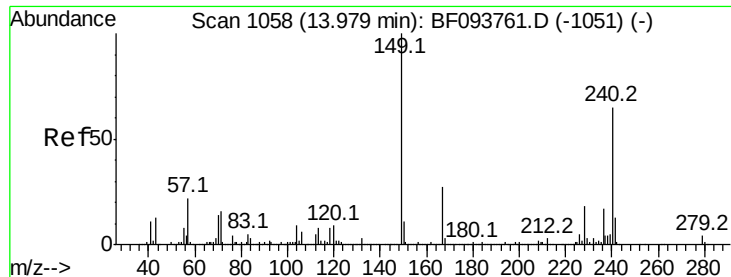
#82
 Chrysene
 Concen: 64.81 ng
 RT: 14.01 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.5	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 72.52 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1170564

Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

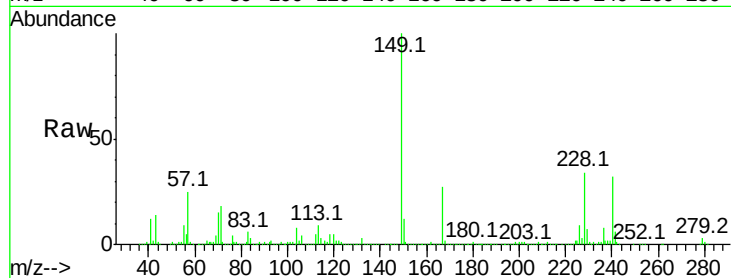
279 3.4 1.9 2.9#

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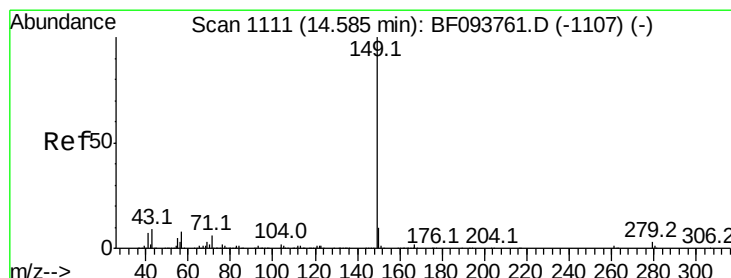
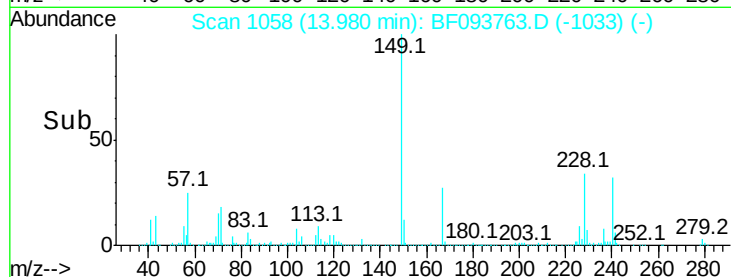
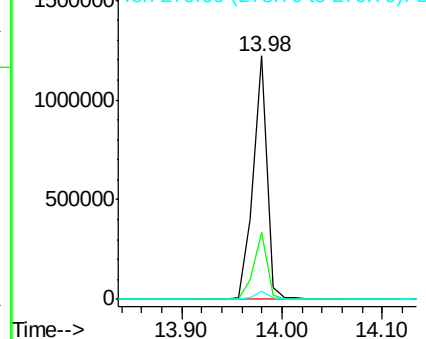
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 73.03 ng

RT: 14.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

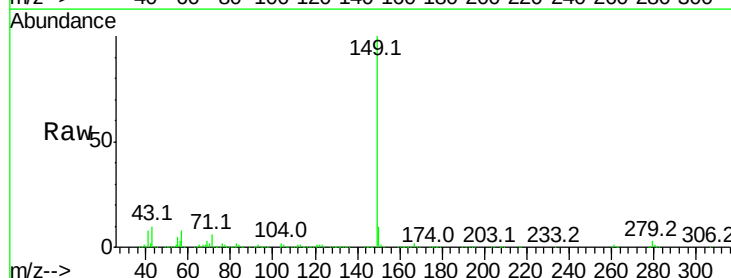
Tgt Ion:149 Resp: 2173184

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

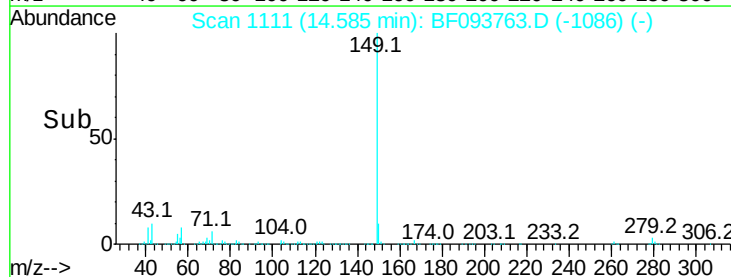
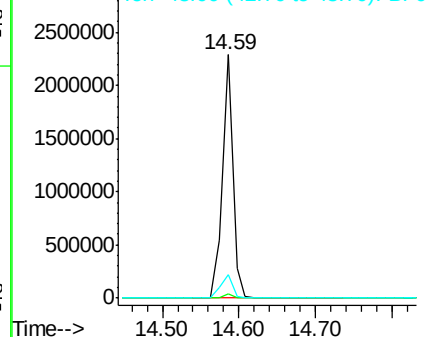
43 10.8 8.5 12.7

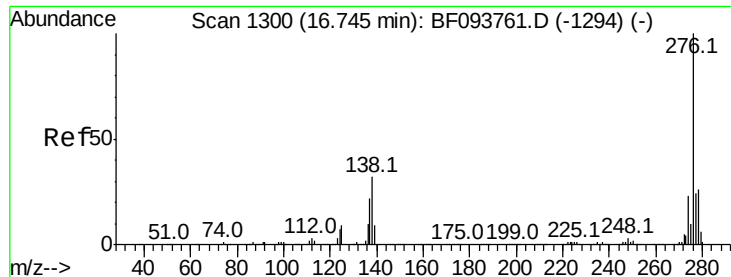


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





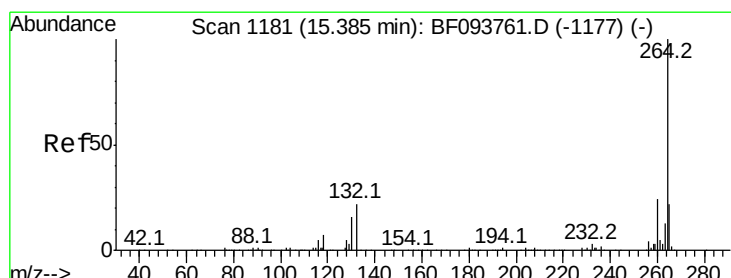
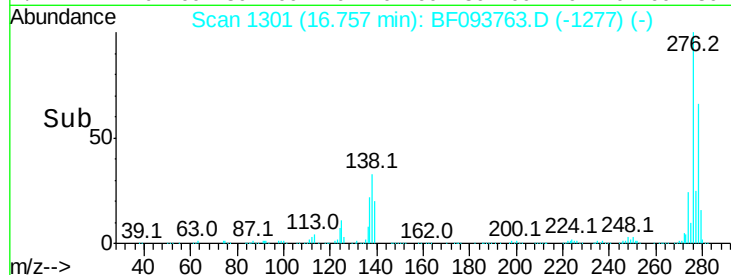
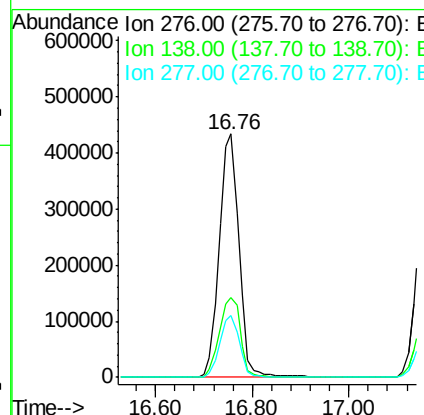
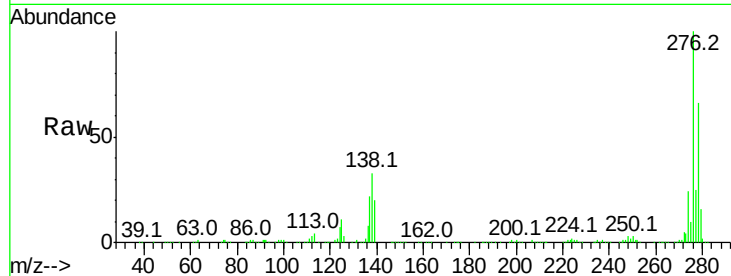
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.45 ng
 RT: 16.76 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.6	20.2	30.4

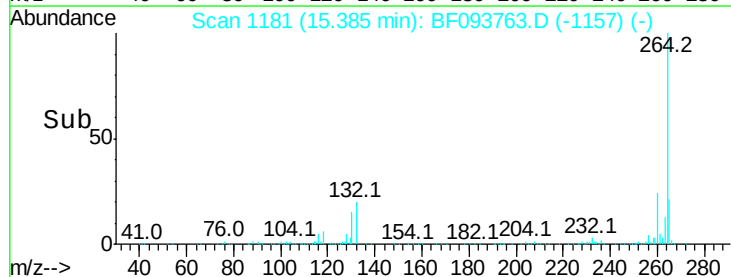
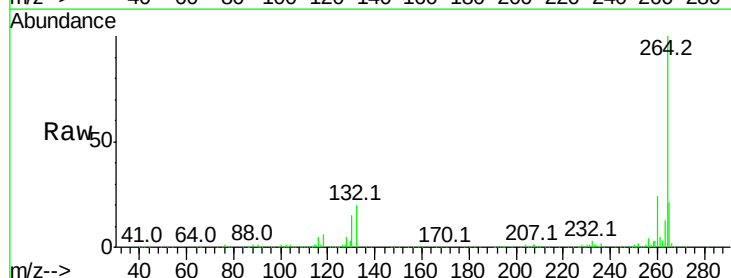
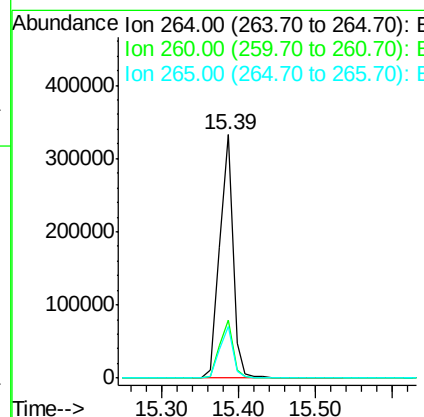
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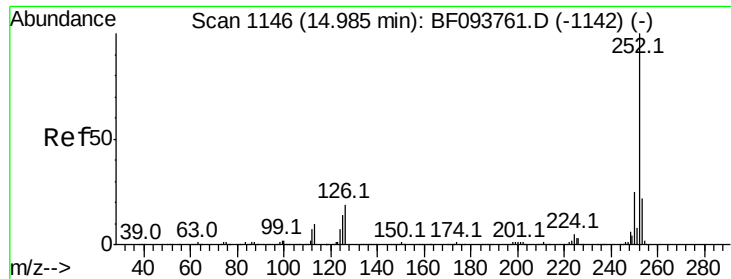
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 70.17 ng m

RT: 14.99 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:252 Resp: 1784633

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

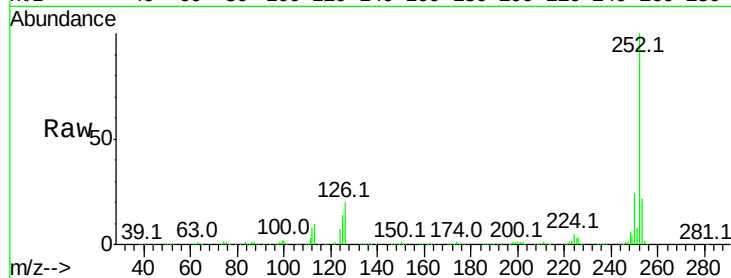
125 14.5 9.8 14.8

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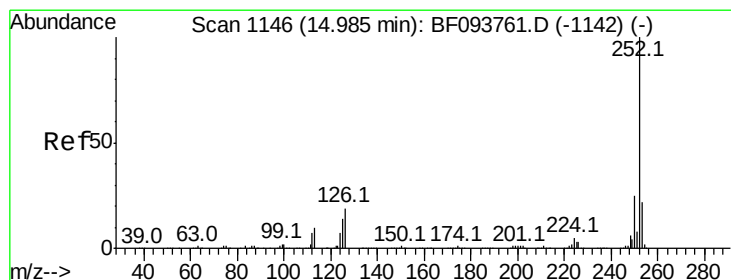
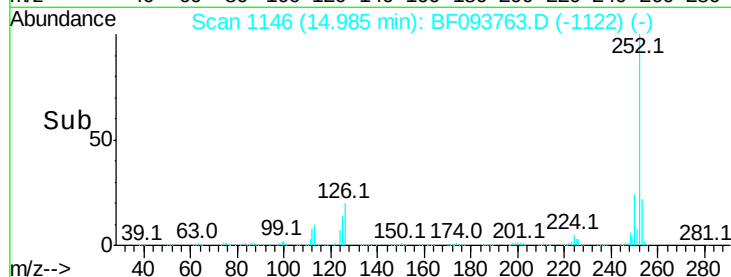
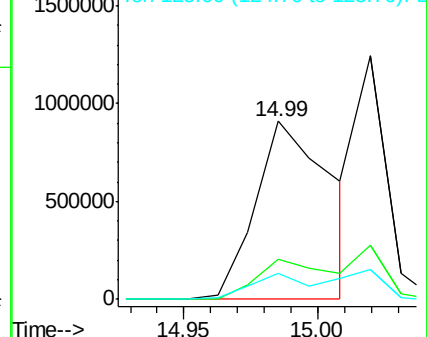
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.28 ng m

RT: 15.02 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF093763.D

Acq: 20 Mar 2017 13:38

Tgt Ion:252 Resp: 972785

Ion Ratio Lower Upper

252 100

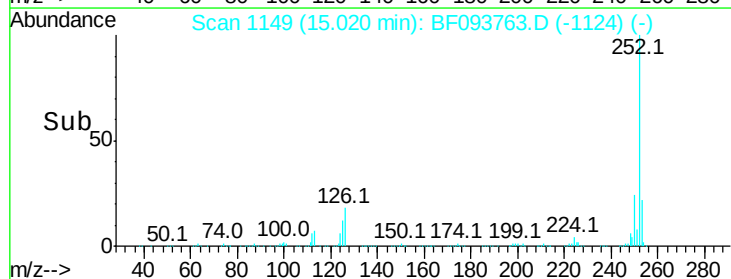
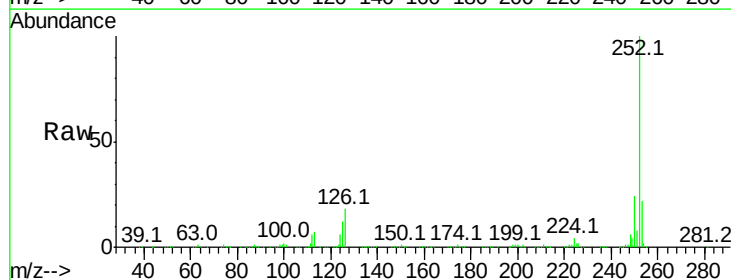
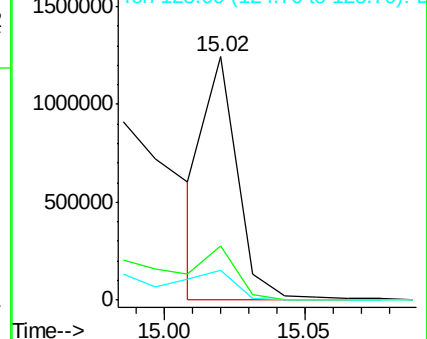
253 22.5 18.4 27.6

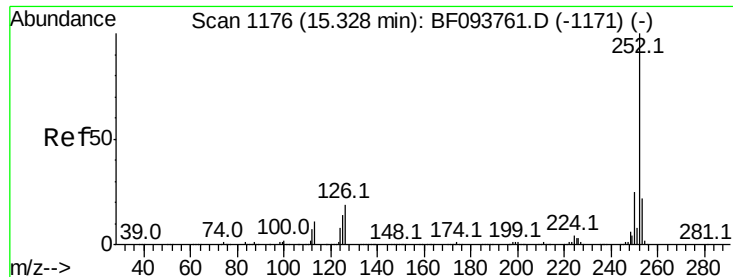
125 12.4 13.1 19.7#

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





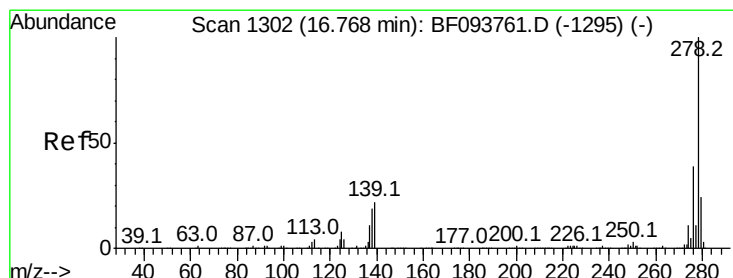
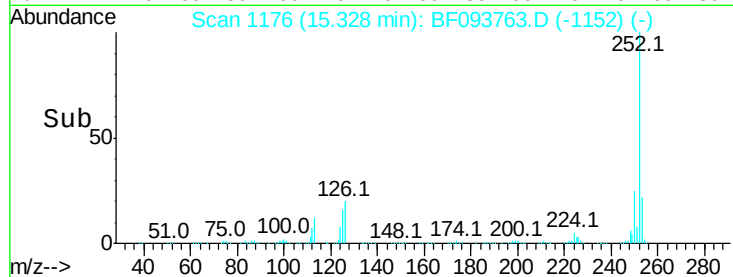
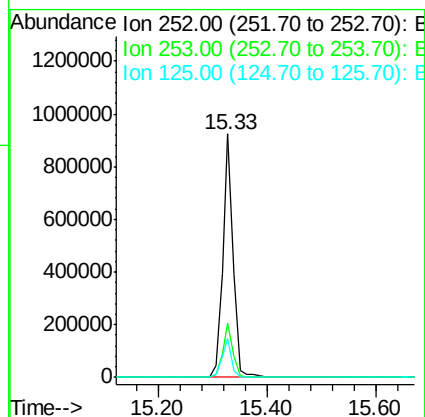
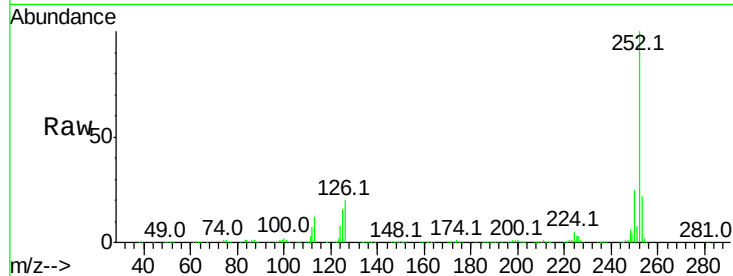
#89
Benzo(a)pyrene
Concen: 55.72 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.8	11.0	16.4

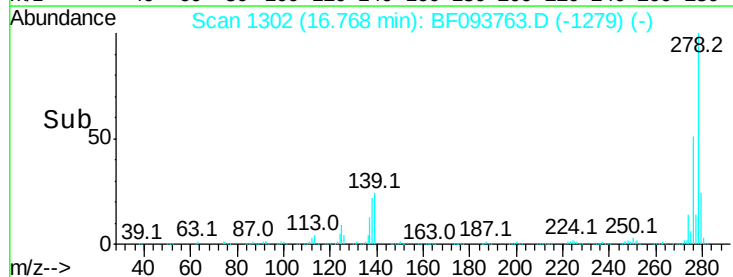
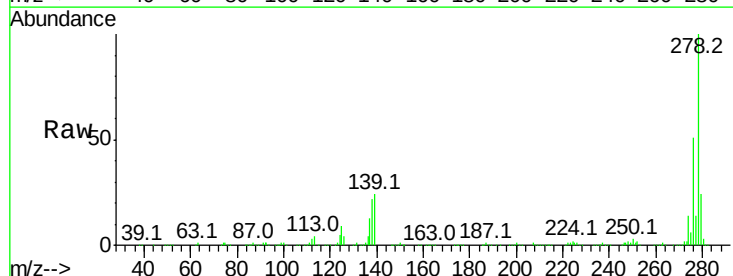
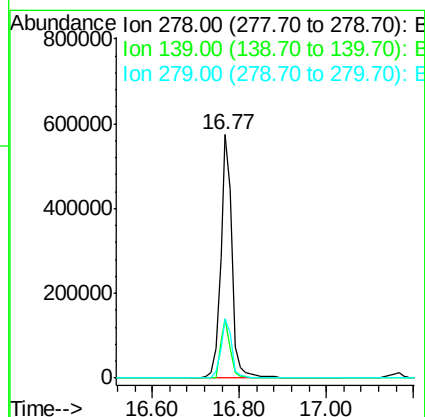
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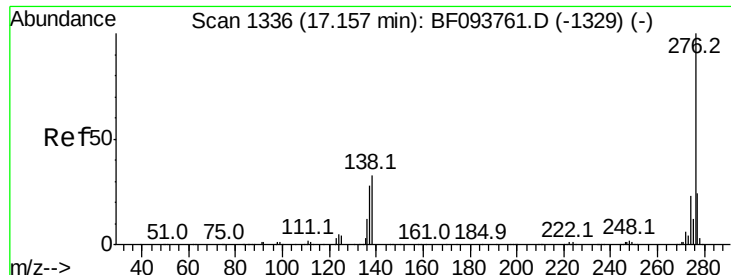
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 56.22 ng
RT: 16.77 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF093763.D
Acq: 20 Mar 2017 13:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.3	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 54.99 ng
 RT: 17.17 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF093763.D
 Acq: 20 Mar 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	28.4	25.4	38.0

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