

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093557.D
 Acq On : 11 Mar 2017 7:39
 Operator : SJ/MA
 Sample : I2195-05MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:50:43 PM

Quant Time: Mar 13 14:15:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181681	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	720110	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	339758	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	646360	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	469486	20.00	ng	-0.01
86) Perylene-d12	15.31	264	363319	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1496671	137.11	ng	0.01
7) Phenol-d6	6.41	99	1681676	122.16	ng	0.00
23) Nitrobenzene-d5	7.32	82	1297852	100.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	322570	145.72	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1900336	104.04	ng	-0.03
78) Terphenyl-d14	12.85	244	1688437	93.50	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	223623	37.19	ng	# 71
3) Pyridine	3.10	79	469745m	30.64	ng	
4) n-Nitrosodimethylamine	3.02	42	346204	47.28	ng	78
6) Aniline	6.44	93	105387	5.58	ng	# 26
8) 2-Chlorophenol	6.54	128	547554	44.77	ng	96
9) Benzaldehyde	6.30	77	309914	34.99	ng	94
10) Phenol	6.42	94	742967	44.05	ng	# 77
11) bis(2-Chloroethyl)ether	6.48	93	629439	46.17	ng	89
12) 1,3-Dichlorobenzene	6.68	146	608997m	43.50	ng	
13) 1,4-Dichlorobenzene	6.76	146	625637	43.65	ng	98
14) 1,2-Dichlorobenzene	6.92	146	546403	43.05	ng	96
15) Benzyl Alcohol	6.90	79	465715	47.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1004623	44.36	ng	58
17) 2-Methylphenol	7.03	107	478640	46.27	ng	# 82
18) Hexachloroethane	7.25	117	223163	46.17	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	438050	46.29	ng	93
20) 3+4-Methylphenols	7.20	107	677555	50.50	ng	# 72
22) Acetophenone	7.17	105	840595	48.51	ng	# 95
24) Nitrobenzene	7.34	77	712921	48.87	ng	99
25) Isophorone	7.58	82	1258183	48.07	ng	97
26) 2-Nitrophenol	7.66	139	319353	47.99	ng	93
27) 2,4-Dimethylphenol	7.70	122	482978	44.61	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	736814	44.60	ng	99
29) 2,4-Dichlorophenol	7.91	162	526820	51.73	ng	87
30) 1,2,4-Trichlorobenzene	7.97	180	474976	43.85	ng	# 96
31) Naphthalene	8.05	128	1528145	42.35	ng	99
32) Benzoic acid	7.88	122	249265	44.31	ng	96
33) 4-Chloroaniline	8.14	127	57304	3.91	ng	95
34) Hexachlorobutadiene	8.16	225	259151	46.45	ng	99
35) Caprolactam	8.49	113	141592m	40.71	ng	
36) 4-Chloro-3-methylphenol	8.62	107	511789	47.08	ng	92
37) 2-Methylnaphthalene	8.74	142	1078167	46.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	453834	48.92	ng	99
40) Hexachlorocyclopentadiene	8.88	237	284960	115.42	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	309231	53.35	nq	92
43) 2,4,5-Trichlorophenol	9.09	196	305149	49.06	nq	95
45) 1,1'-Biphenyl	9.20	154	1190821	48.11	nq	97
46) 2-Chloronaphthalene	9.22	162	994544	52.50	nq	94
47) 2-Nitroaniline	9.34	65	347141	51.83	nq	88
48) Acenaphthylene	9.64	152	1555733	49.79	nq	99
49) Dimethylphthalate	9.51	163	1158577	51.44	nq	98
50) 2,6-Dinitrotoluene	9.59	165	258264	52.25	nq #	78
51) Acenaphthene	9.81	154	893594	48.36	nq	96
52) 3-Nitroaniline	9.77	138	39242	6.61	nq #	92
53) 2,4-Dinitrophenol	9.89	184	196630	87.36	nq #	79
54) Dibenzofuran	9.99	168	1358135	58.73	nq	96
55) 4-Nitrophenol	9.97	139	163713m	56.76	nq	
56) 2,4-Dinitrotoluene	10.00	165	350886	57.79	nq #	72
57) Fluorene	10.33	166	1070793	54.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	259145	59.04	nq #	97
59) Diethylphthalate	10.21	149	1136478	52.79	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	501888	57.14	nq #	80
61) 4-Nitroaniline	10.38	138	236231	38.90	nq	97
62) Azobenzene	10.48	77	1563515	63.92	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	167833	40.08	nq #	74
65) n-Nitrosodiphenylamine	10.45	169	900229	41.71	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	282392	41.32	nq #	90
67) Hexachlorobenzene	10.88	284	281668	43.16	nq #	92
68) Atrazine	10.97	200	226211	35.81	nq	99
69) Pentachlorophenol	11.09	266	186388	82.72	nq	98
70) Phenanthrene	11.29	178	1626183	44.08	nq	98
71) Anthracene	11.34	178	1547275	41.46	nq	99
72) Carbazole	11.51	167	1416148	40.39	nq	97
73) Di-n-butylphthalate	11.82	149	1844694	45.48	nq	99
74) Fluoranthene	12.47	202	1605474	45.05	nq	96
77) Pyrene	12.70	202	1606638	47.05	nq	100
79) Butylbenzylphthalate	13.32	149	772408	53.74	nq	99
80) Benzo(a)anthracene	13.90	228	1347067	48.59	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	51346	5.29	nq	95
82) Chrysene	13.93	228	1312298	51.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1152648	57.53	nq #	97
84) Di-n-octyl phthalate	14.48	149	1736336	52.00	nq	96
85) Indeno(1,2,3-cd)pyrene	16.68	276	947477	44.13	nq #	94
87) Benzo(b)fluoranthene	14.92	252	1157274m	52.30	nq	
88) Benzo(k)fluoranthene	14.94	252	1022272m	47.91	nq	
89) Benzo(a)pyrene	15.26	252	1020497	50.46	nq	96
90) Dibenzo(a,h)anthracene	16.67	278	811347	48.50	nq #	94
91) Benzo(g,h,i)perylene	17.08	276	814442	47.43	nq #	93

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

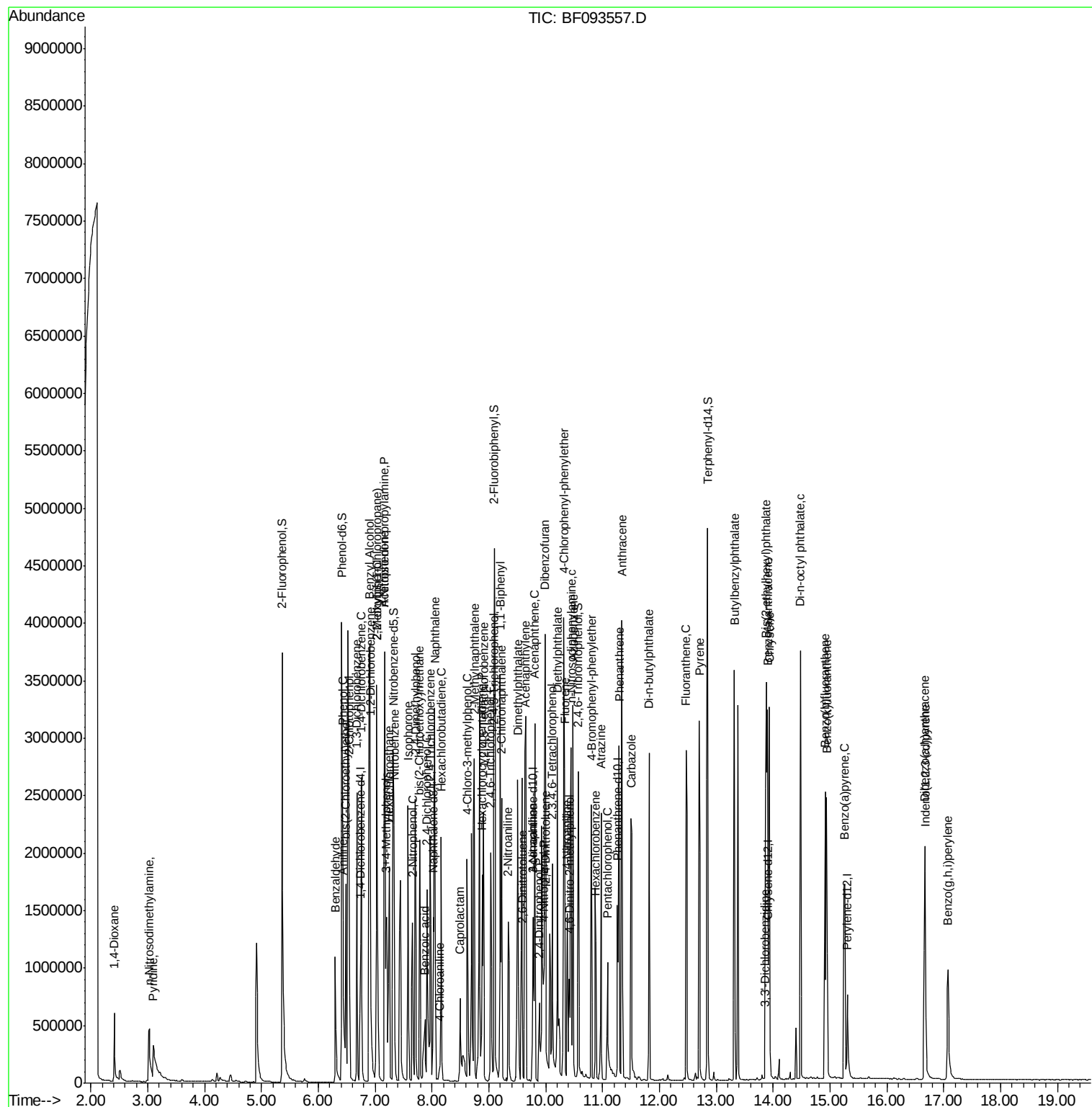
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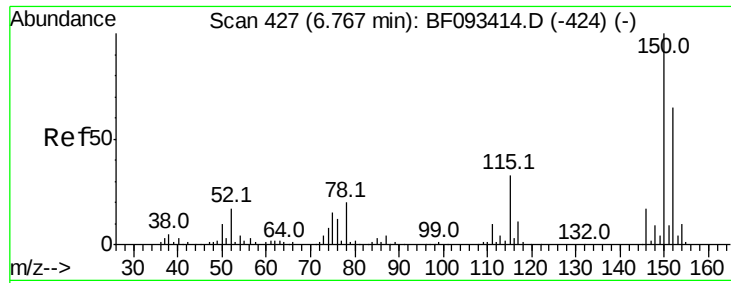
Instrument :
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#1

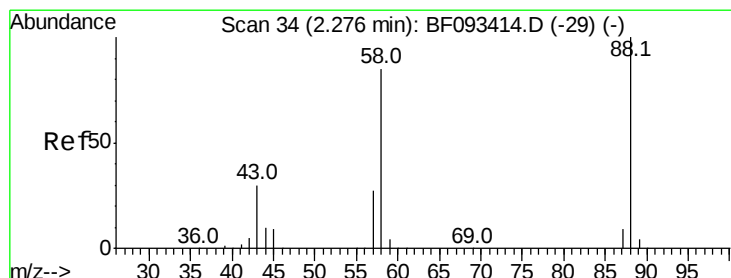
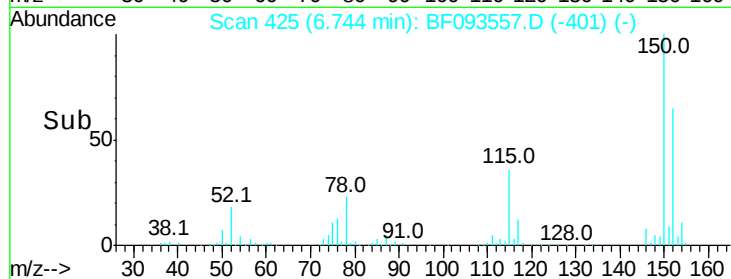
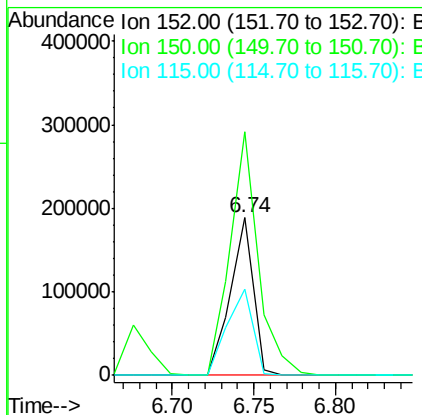
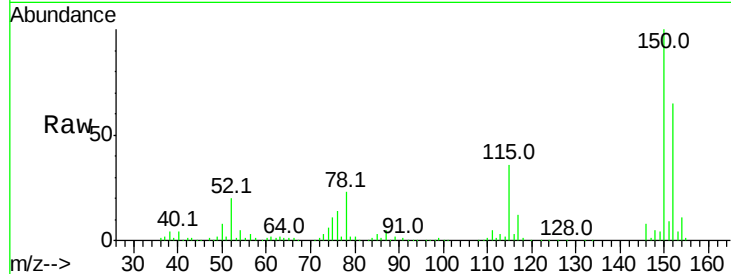
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	54.9	46.0	69.0

Manual Integrations
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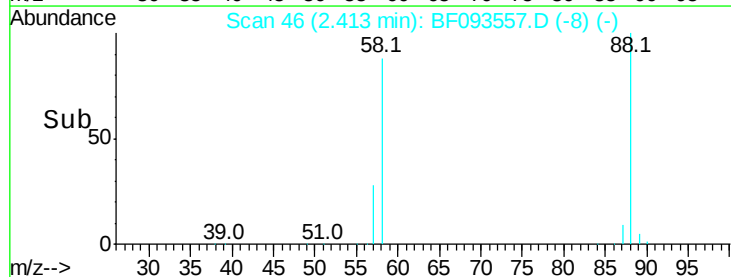
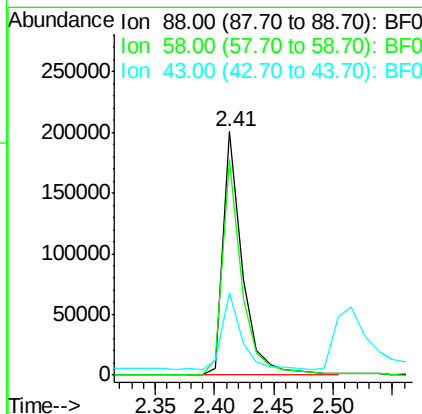
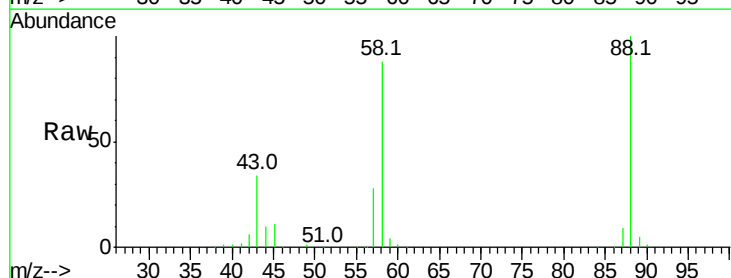
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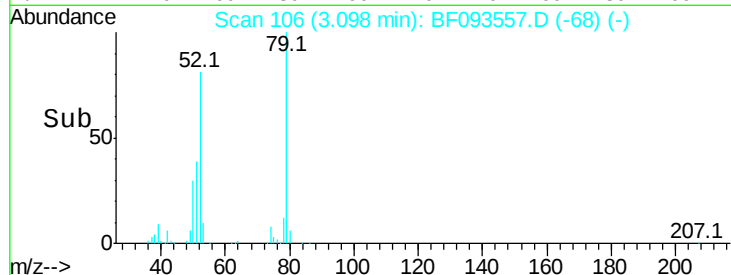
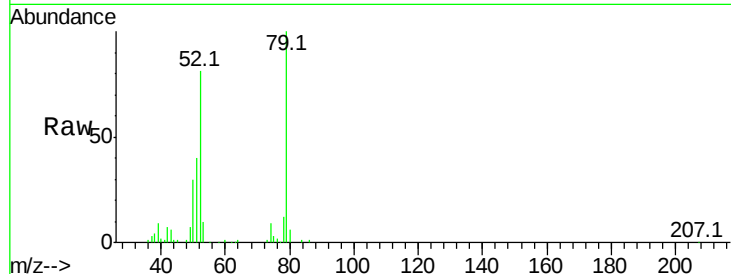
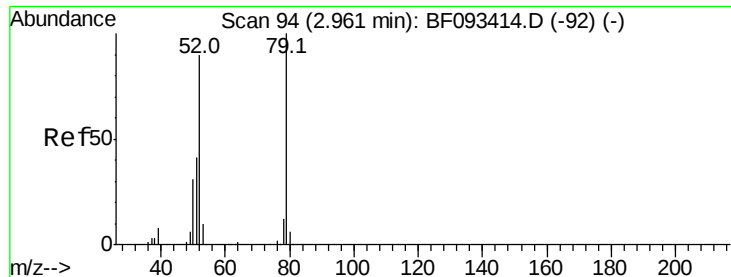


#2

1,4-Dioxane
Concen: 37.19 ng
RT: 2.41 min Scan# 46
Delta R.T. 0.14 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	57.8	86.8#
43	0.0	22.3	33.5#





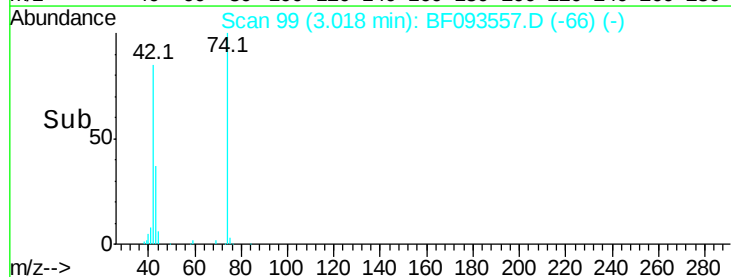
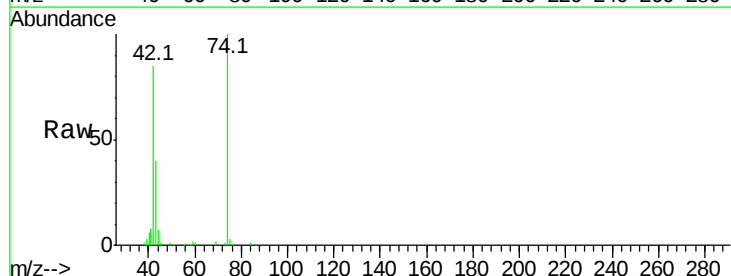
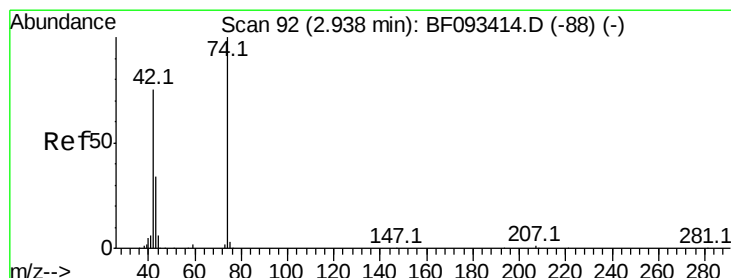
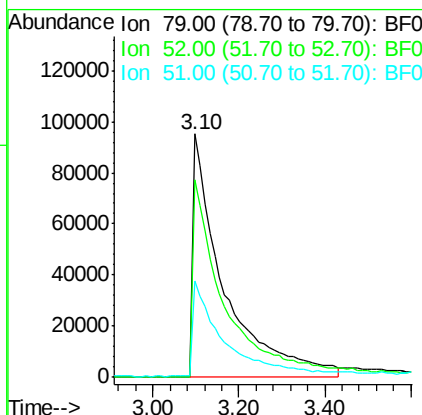
#3
Pvridine
Concen: 30.64 ng/ml
RT: 3.10 min Scan# 106
Delta R.T. 0.14 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.4	57.1	85.7
51	39.6	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

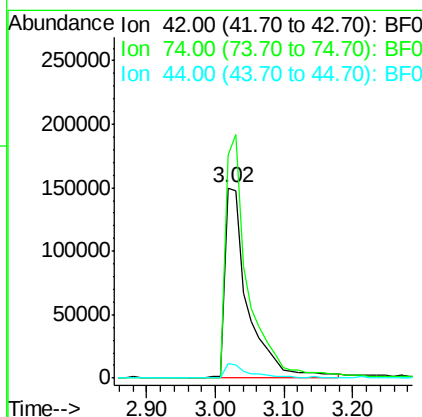
Manual Integrations
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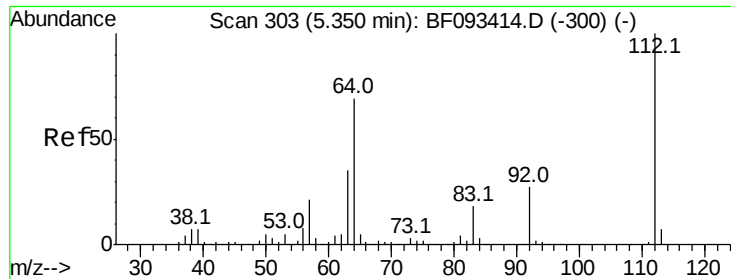
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#4
n-Nitrosodimethylamine
Concen: 47.28 ng
RT: 3.02 min Scan# 99
Delta R.T. 0.08 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.1	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 137.11 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

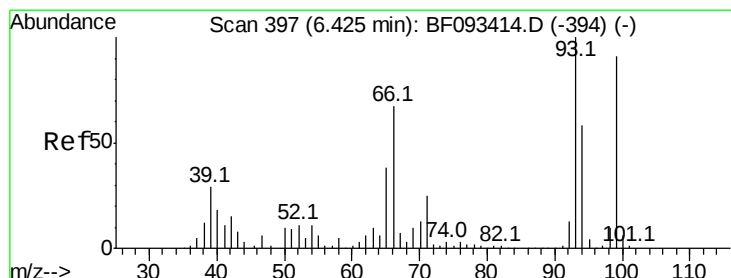
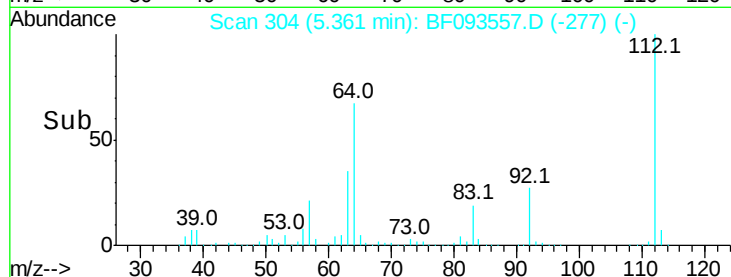
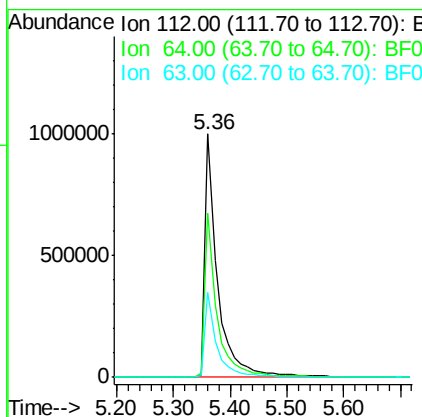
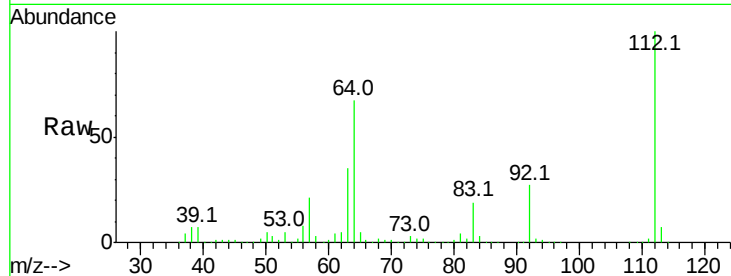
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:	112	Resp:	1496671
Ion Ratio	Lower	Upper	
112	100		
64	67.3	46.1	69.1
63	34.8	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 5.58 ng

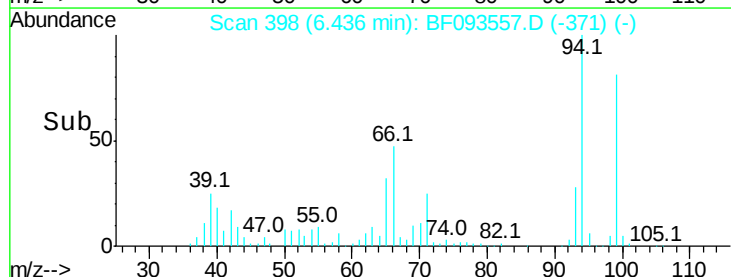
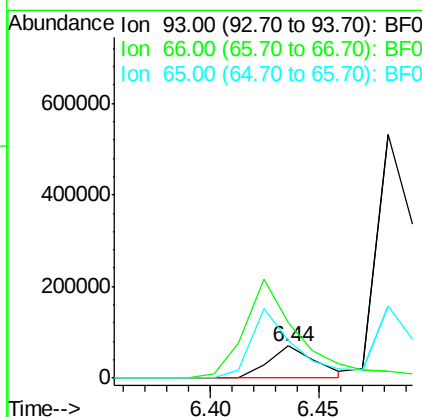
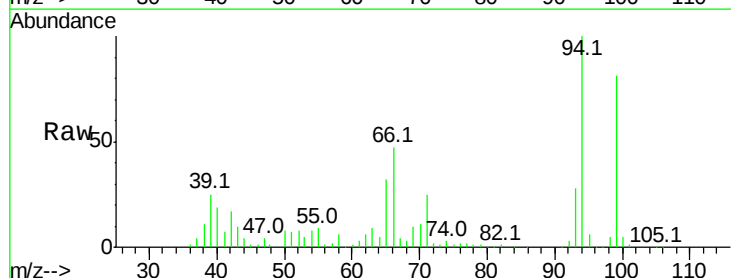
RT: 6.44 min Scan# 398

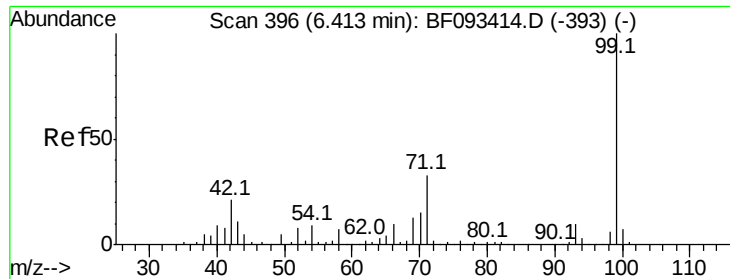
Delta R.T. 0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	93	Resp:	105387
Ion Ratio	Lower	Upper	
93	100		
66	169.7	76.2	114.2#
65	114.7	49.3	73.9#





#7

Phenol-d6

Concen: 122.16 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion: 99 Resp: 1681676

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

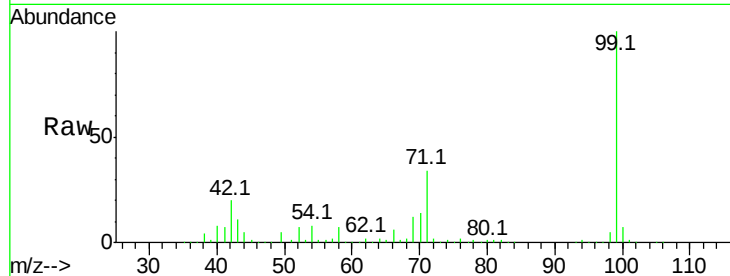
71 33.9 27.5 41.3

Manual Integrations

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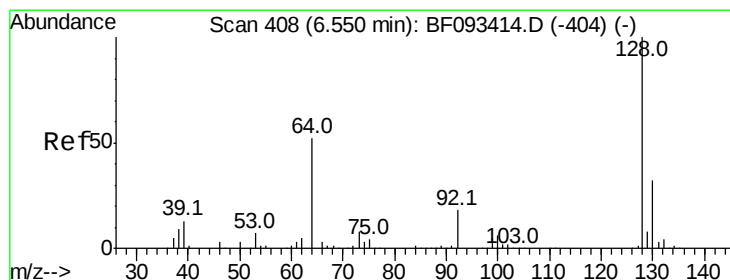
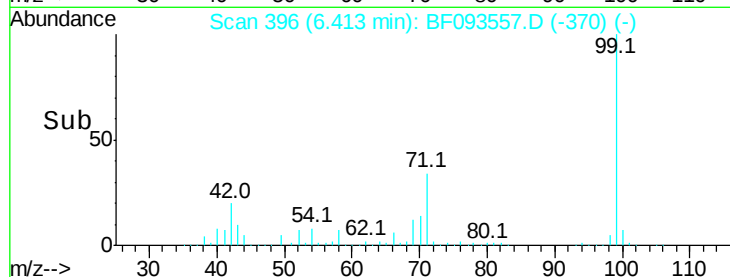
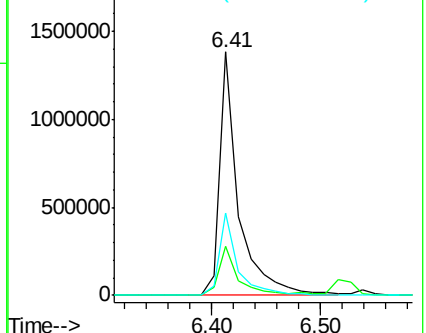
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.77 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

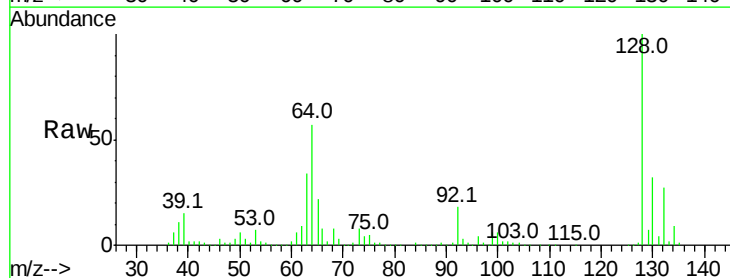
Tgt Ion:128 Resp: 547554

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

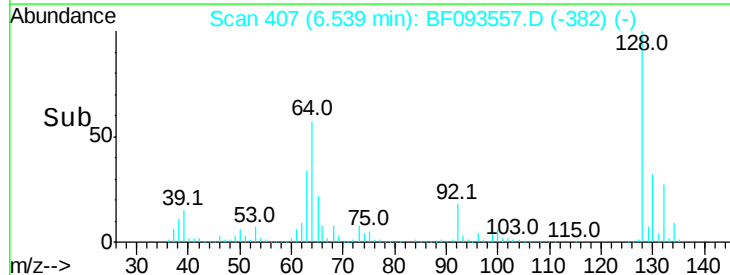
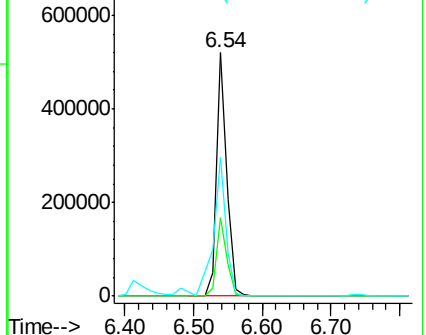
64 56.8 32.2 72.2



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





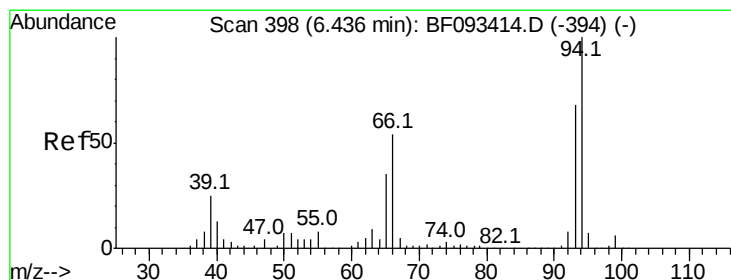
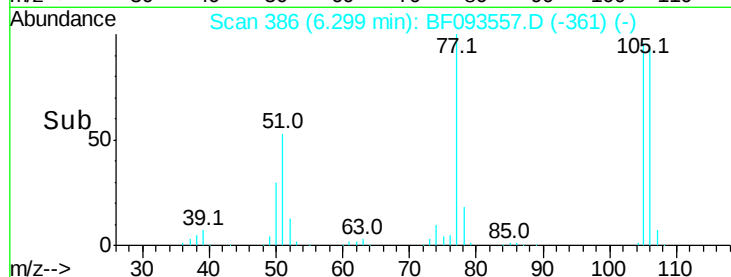
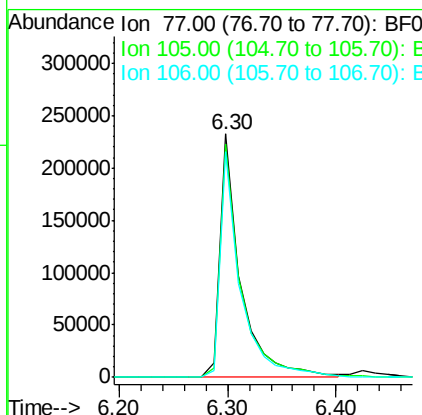
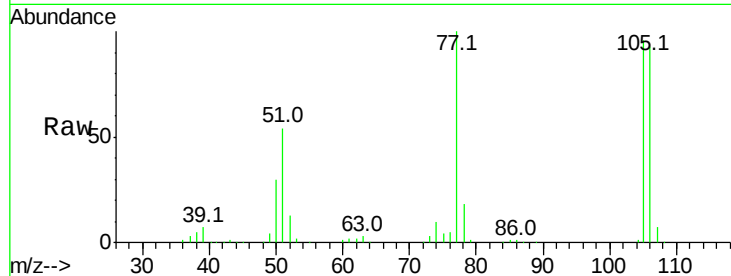
#9
Benzaldehyde
Concen: 34.99 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093557.D
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BNA_F
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TP-9-COMP-0-12FTMSD

Tot Ion: 77 Resp: 309914
Ion Ratio Lower Upper
77 100
105 95.8 83.9 123.9
106 92.9 77.6 117.6

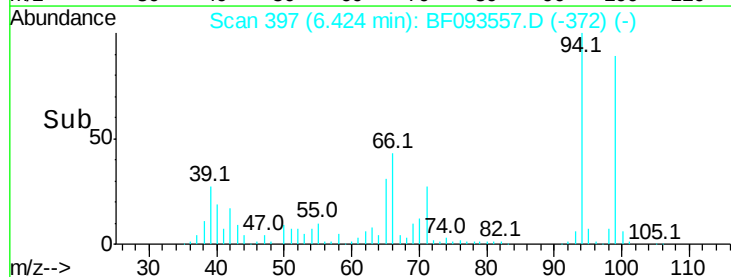
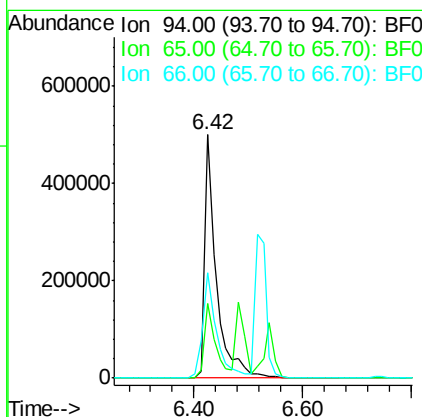
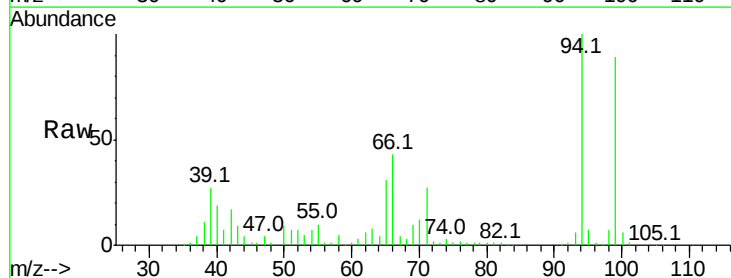
Manual Integrations
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#10
Phenol
Concen: 44.05 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion: 94 Resp: 742967
Ion Ratio Lower Upper
94 100
65 30.6 21.4 61.4
66 43.4 44.0 84.0#





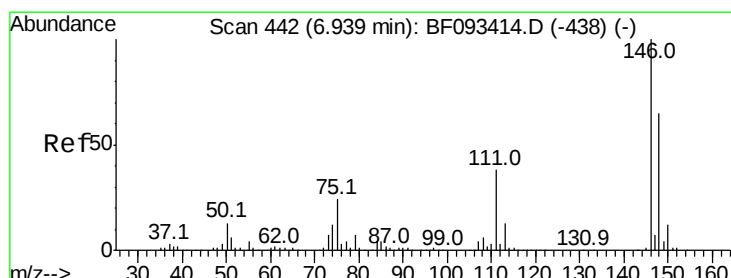
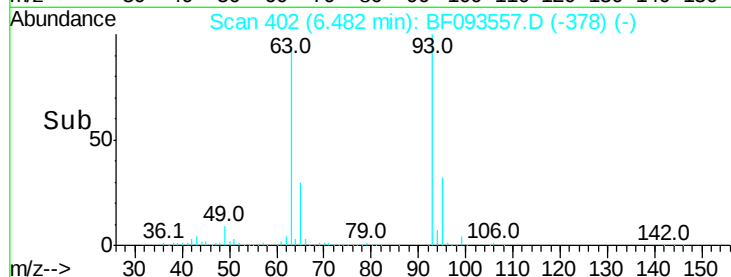
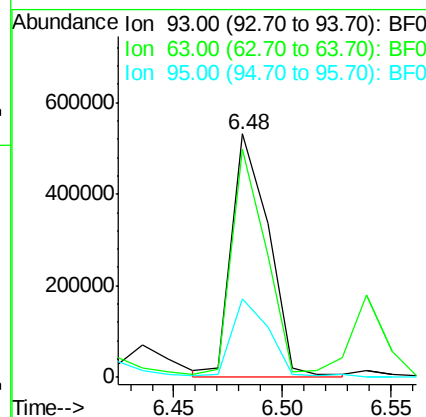
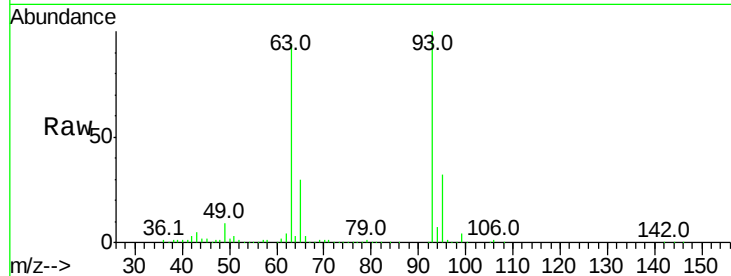
#11
bis(2-Chloroethyl)ether
Concen: 46.17 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	629439		
63	93.7	60.4	100.4	
95	32.2	12.8	52.8	

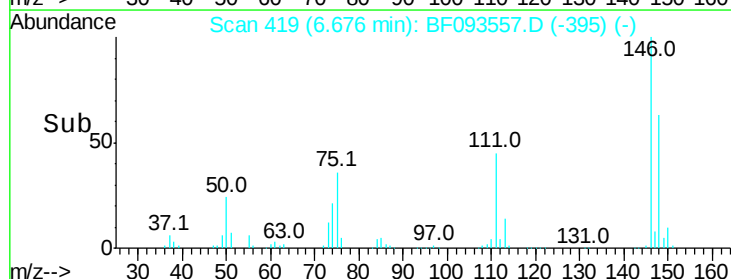
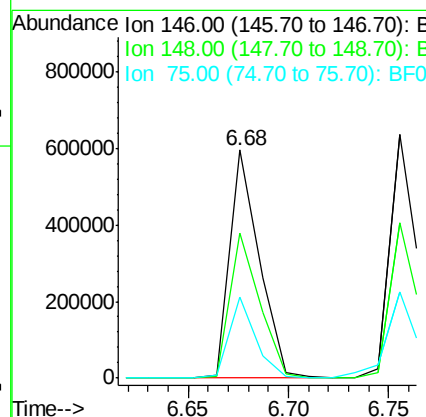
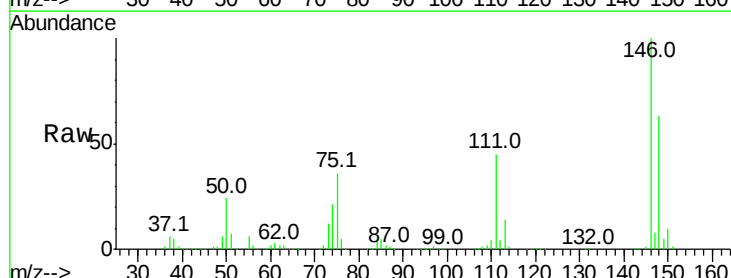
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 43.50 ng m
RT: 6.68 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	608997		
148	63.5	53.4	80.0	
75	35.8	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 43.65 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

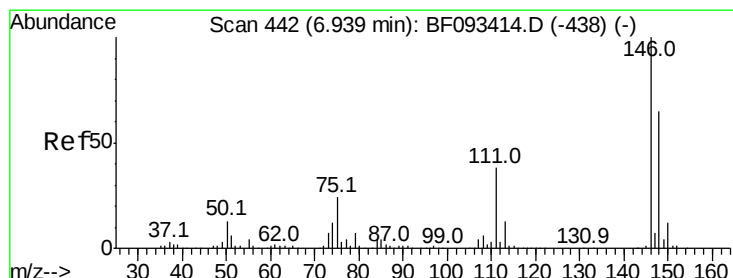
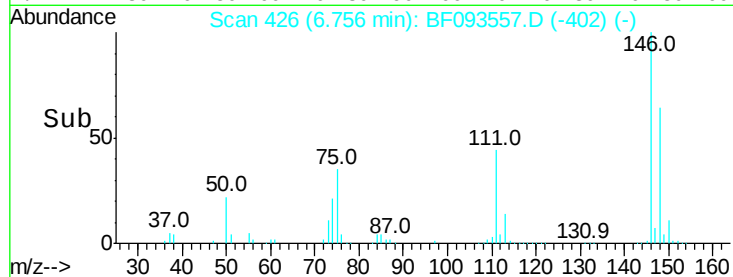
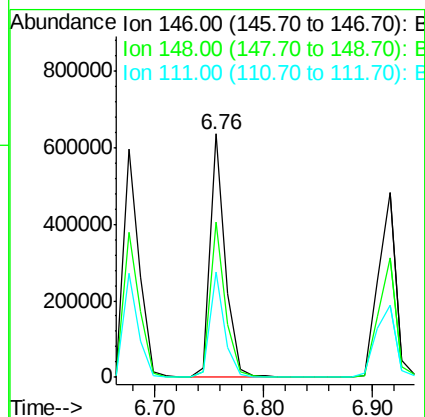
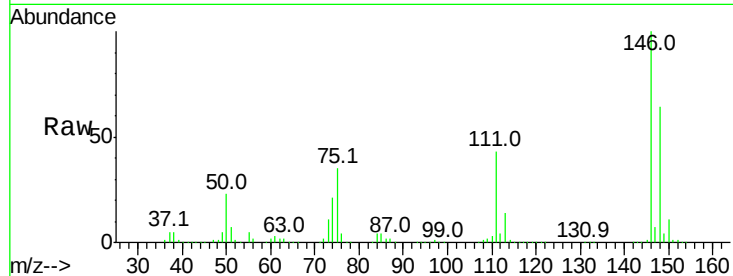
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:	146	Resp:	625637
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	43.5	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 43.05 ng

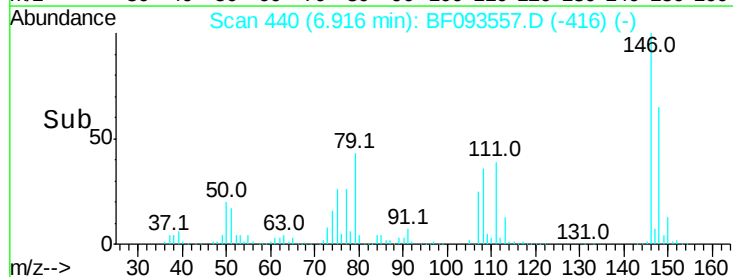
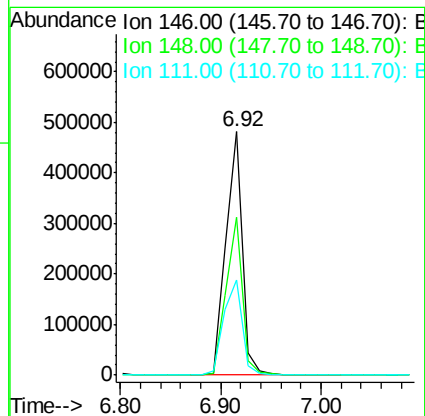
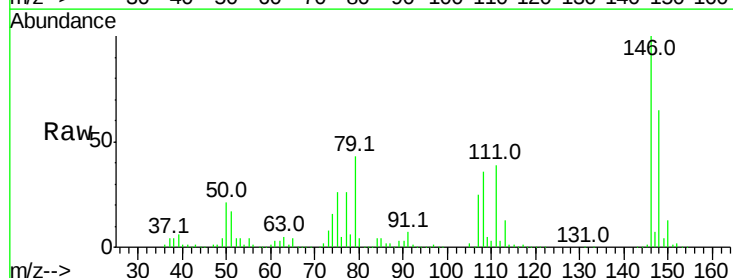
RT: 6.92 min Scan# 440

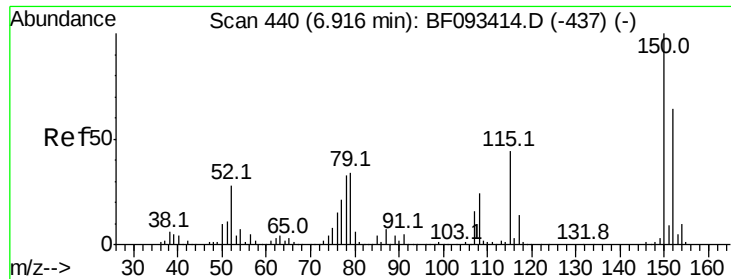
Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	146	Resp:	546403
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	39.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 47.46 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

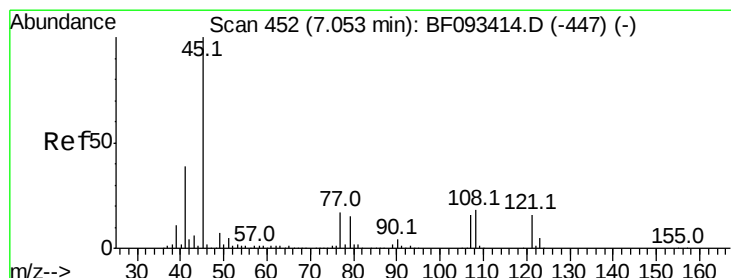
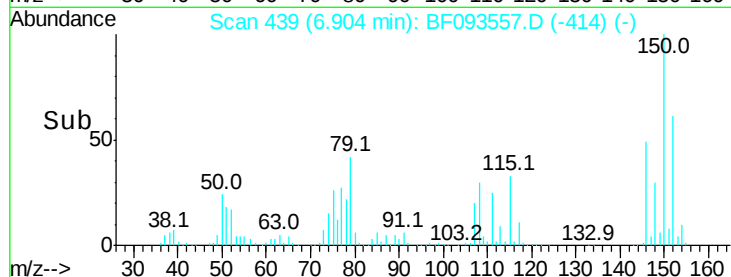
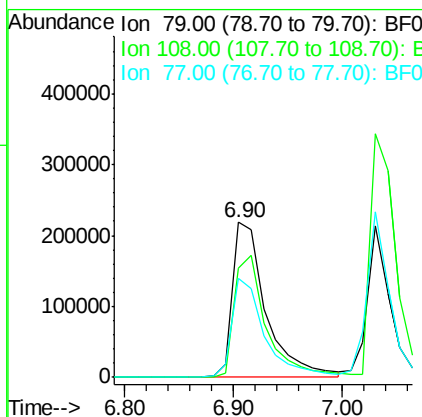
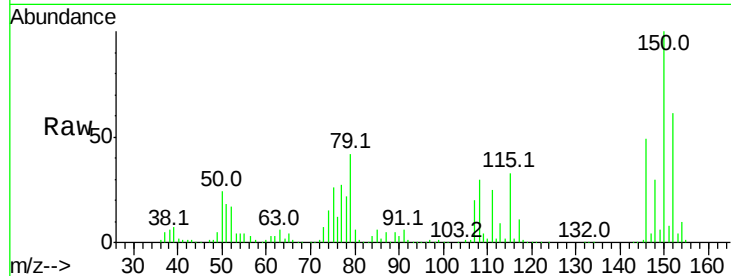
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:	79	Resp:	465715
Ion Ratio	Lower	Upper	
79	100		
108	70.6	61.4	92.0
77	63.8	50.9	76.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.36 ng

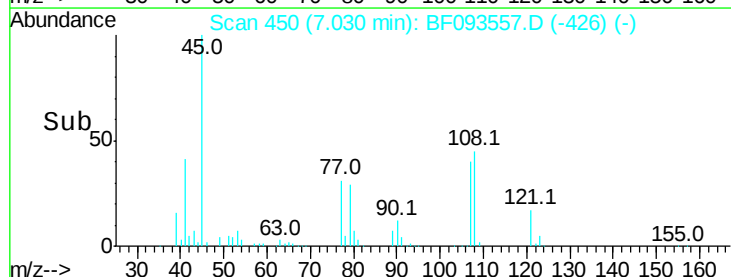
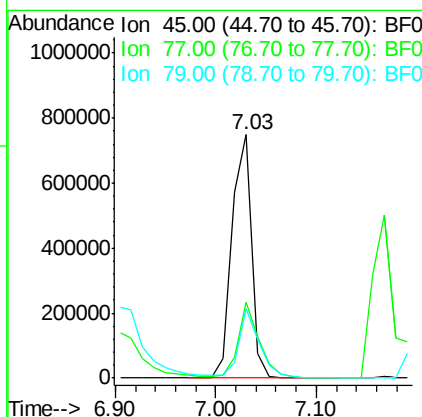
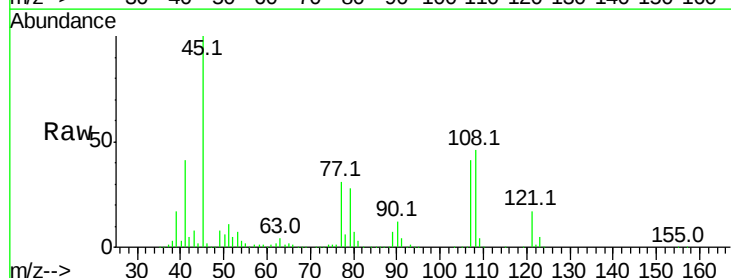
RT: 7.03 min Scan# 450

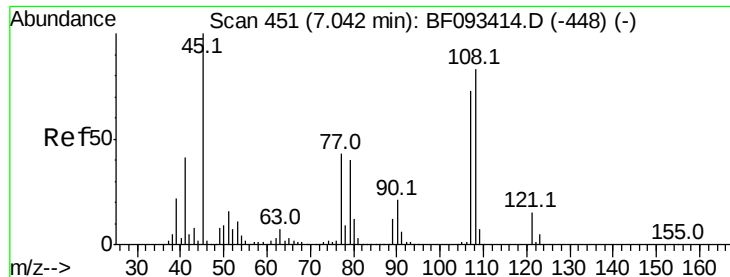
Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	45	Resp:	1004623
Ion Ratio	Lower	Upper	
45	100		
77	31.2	0.0	34.6
79	28.5	0.0	31.2





#17

2-Methylphenol

Concen: 46.27 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

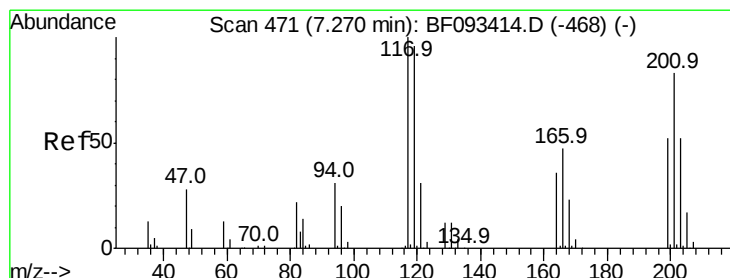
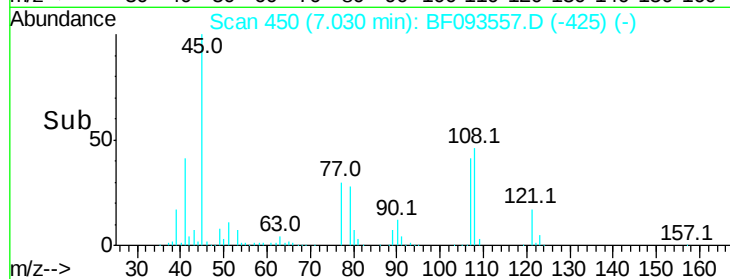
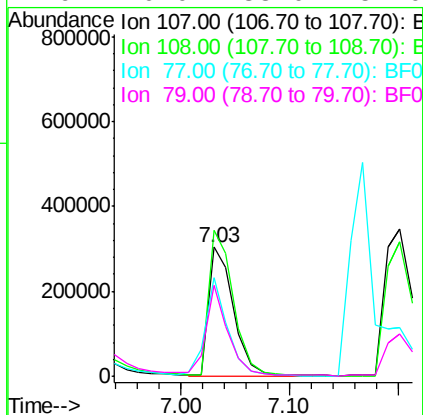
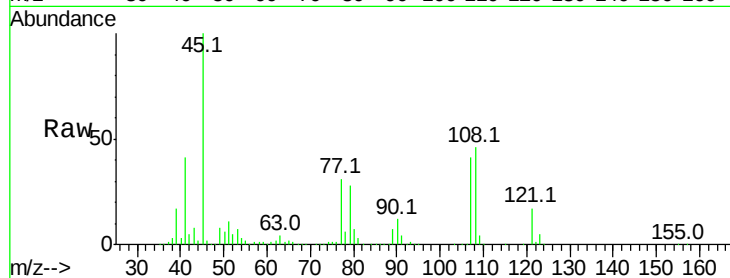
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:	107	Resp:	478640
Ion Ratio	Lower	Upper	
107	100		
108	112.8	93.0	139.6
77	76.7	39.8	59.8#
79	70.0	38.0	57.0#

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#18

Hexachloroethane

Concen: 46.17 ng

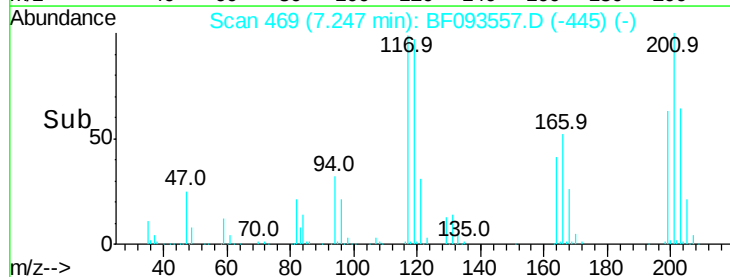
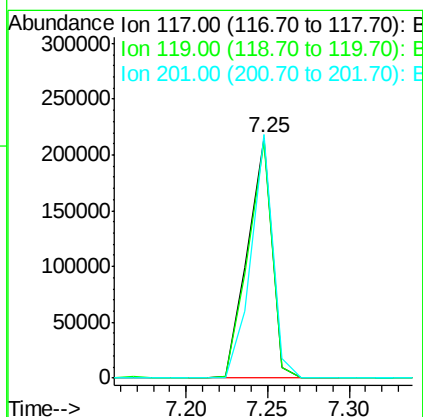
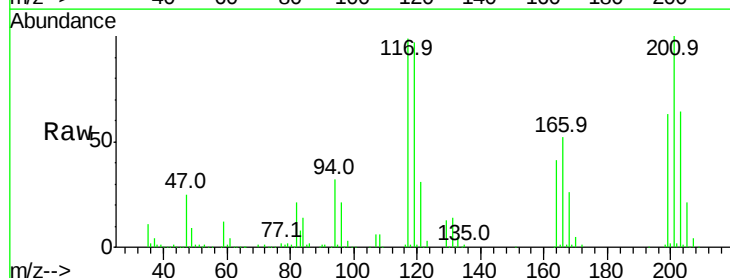
RT: 7.25 min Scan# 469

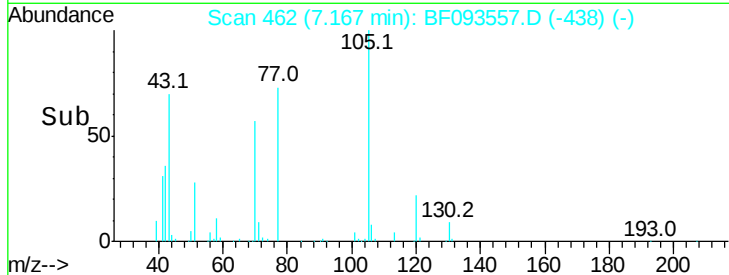
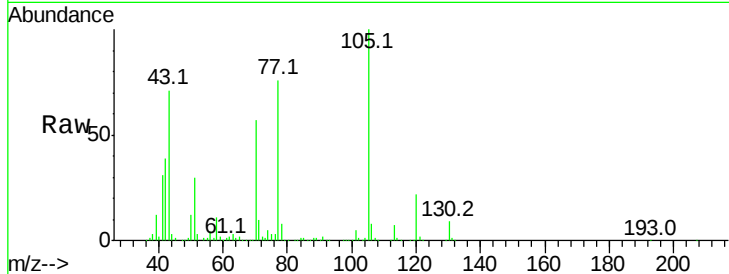
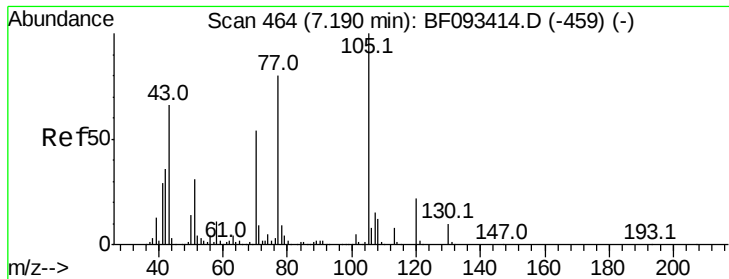
Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	117	Resp:	223163
Ion Ratio	Lower	Upper	
117	100		
119	98.0	78.1	117.1
201	101.4	78.6	117.8





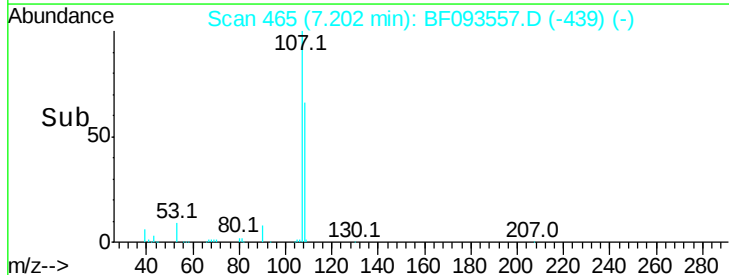
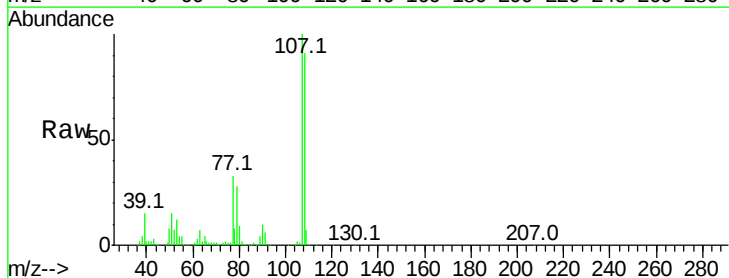
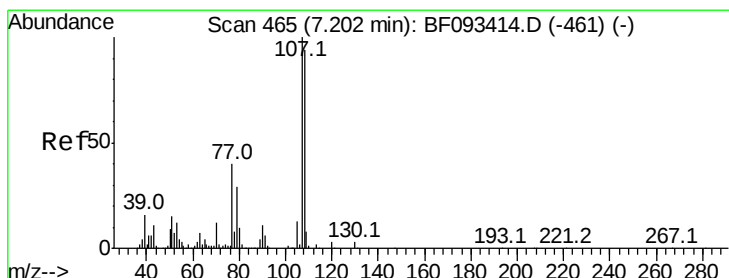
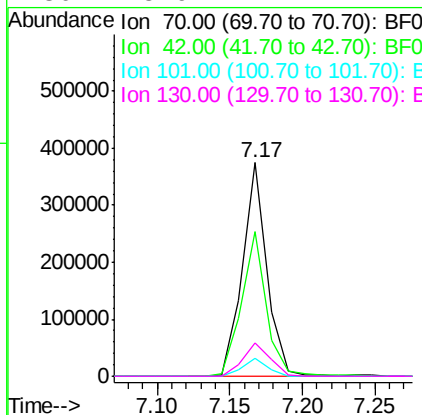
#19
n-Nitroso-di-n-propylamine
Concen: 46.29 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	49.4	74.0
101	8.5	7.4	11.2
130	15.9	14.2	21.4

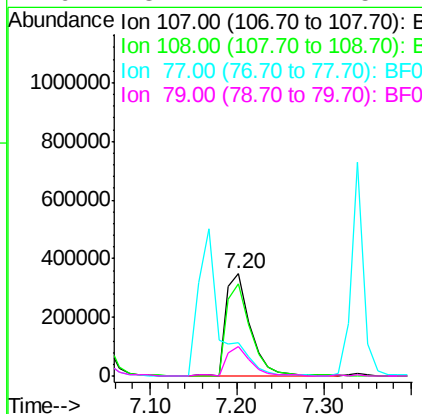
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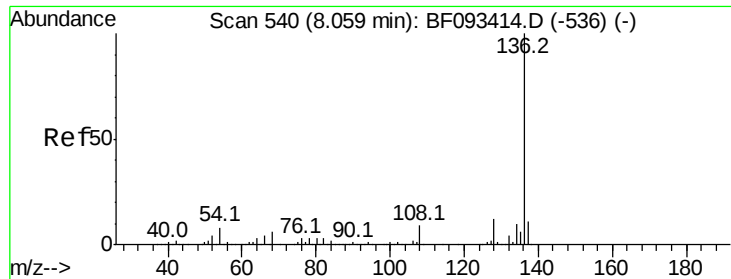
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#20
3+4-Methylphenols
Concen: 50.50 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	73.0	113.0
77	33.1	71.3	111.3#
79	28.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

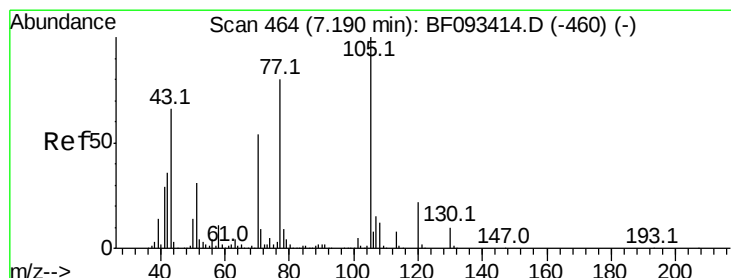
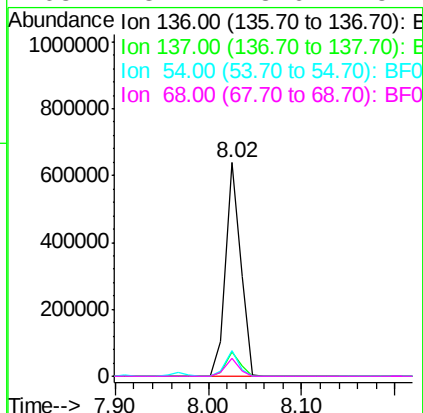
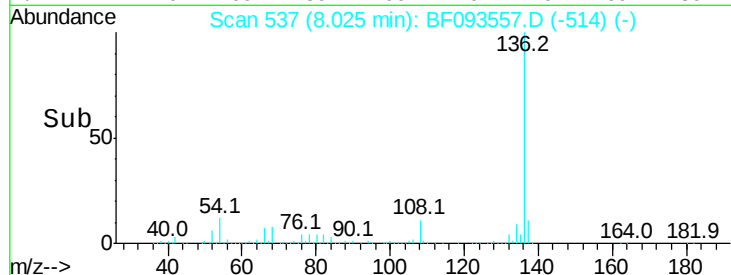
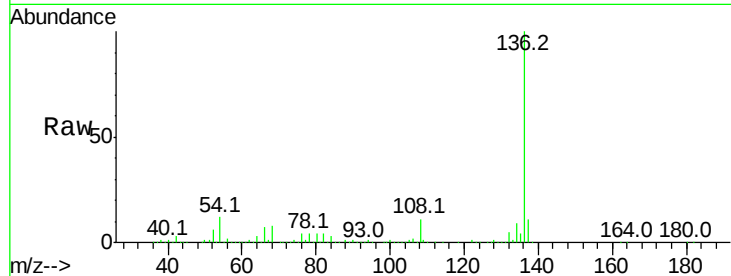
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	11.9	4.5	6.7#	
68	8.2	3.6	5.4#	

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#22

Acetophenone

Concen: 48.51 ng

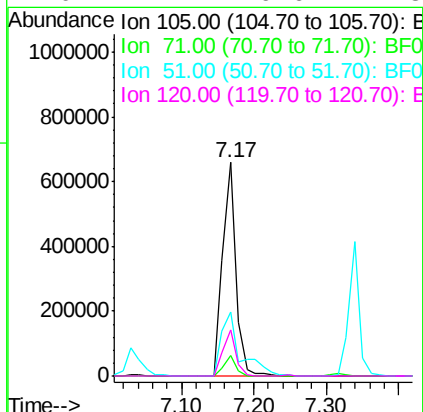
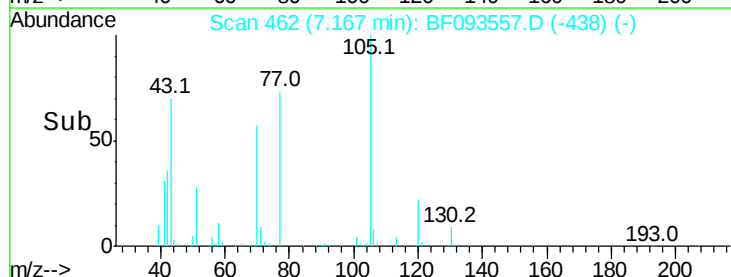
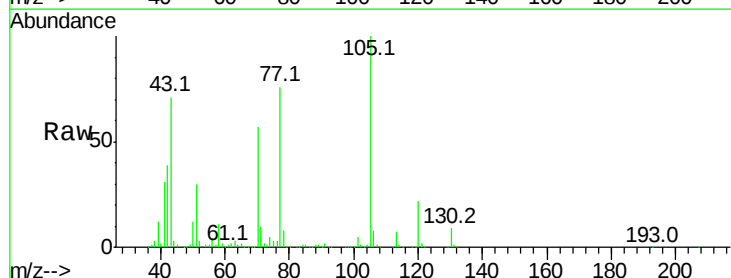
RT: 7.17 min Scan# 462

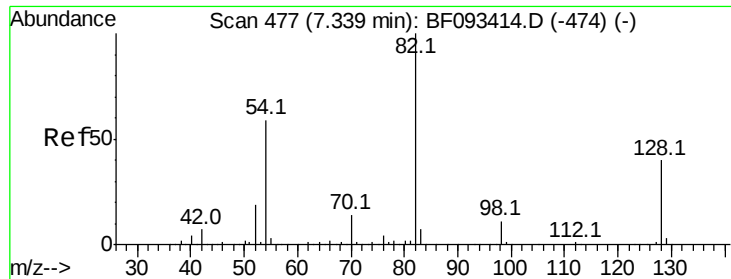
Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.8	3.2	4.8#	
51	29.8	26.2	39.4	
120	21.7	16.6	24.8	





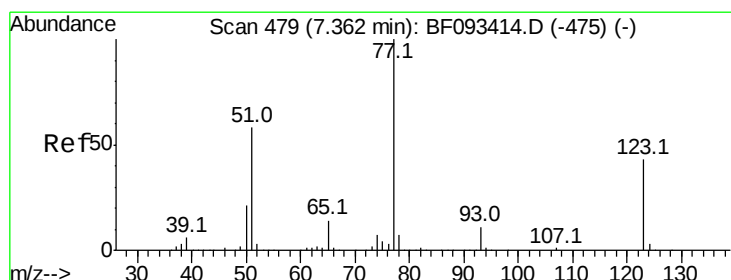
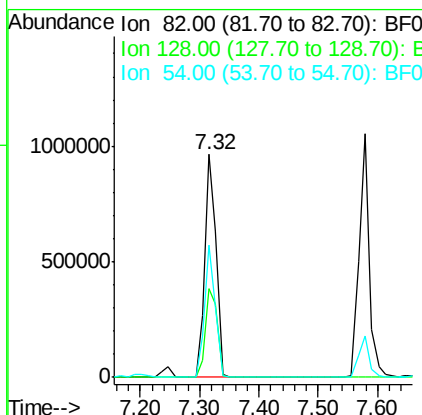
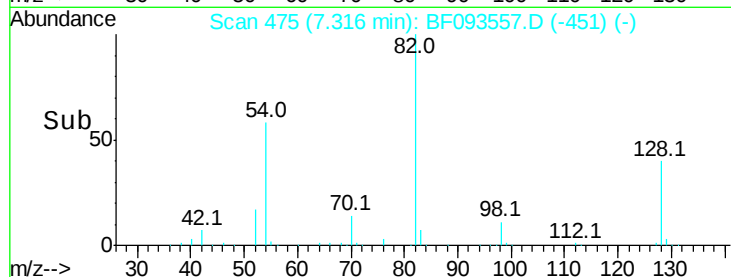
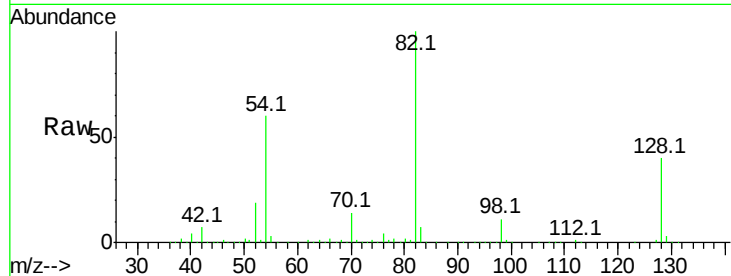
#23
 Nitrobenzene-d5
 Concen: 100.00 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion: 82 Resp: 1297852
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.6 52.0
 54 59.5 39.5 59.3#

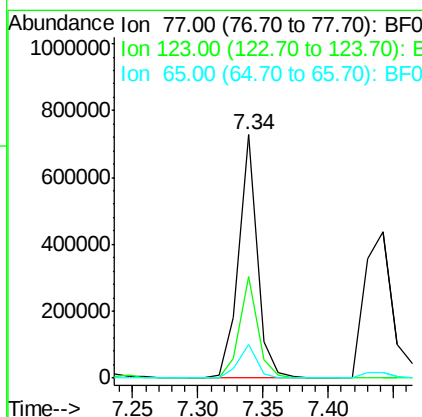
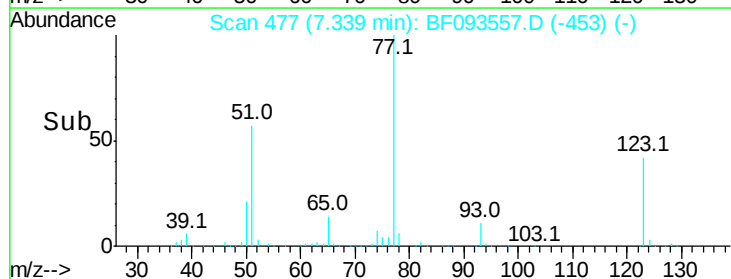
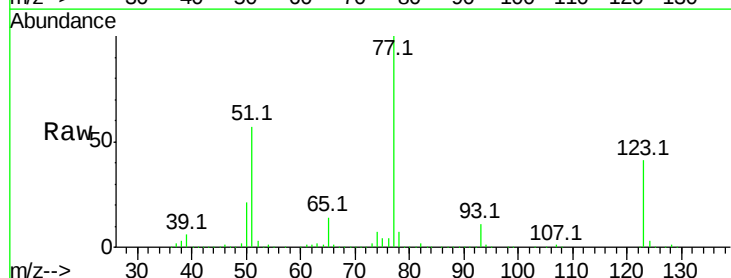
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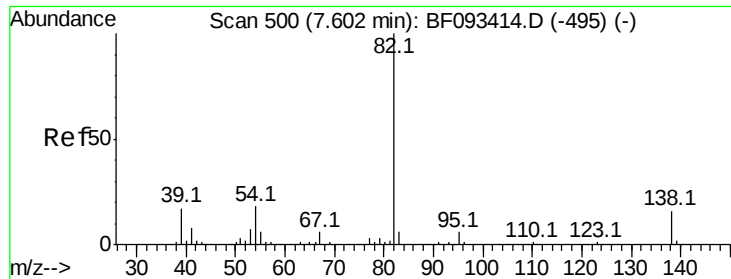
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#24
 Nitrobenzene
 Concen: 48.87 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion: 77 Resp: 712921
 Ion Ratio Lower Upper
 77 100
 123 41.5 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 48.07 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion: 82 Resp: 1258183

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

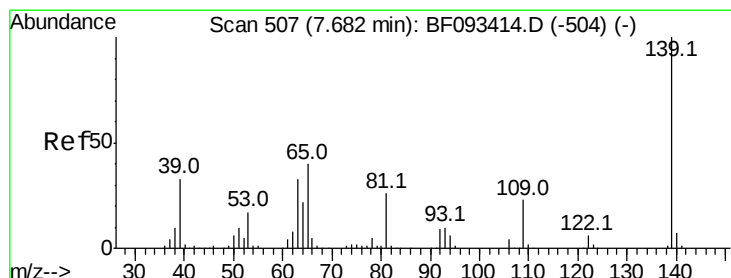
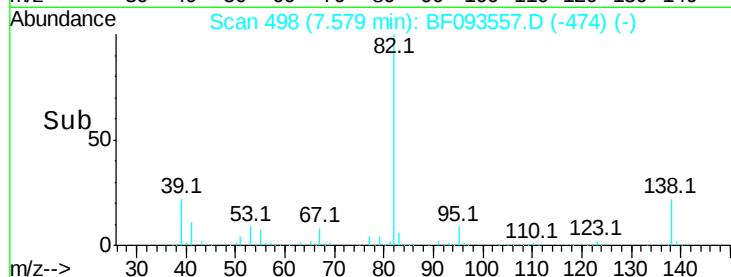
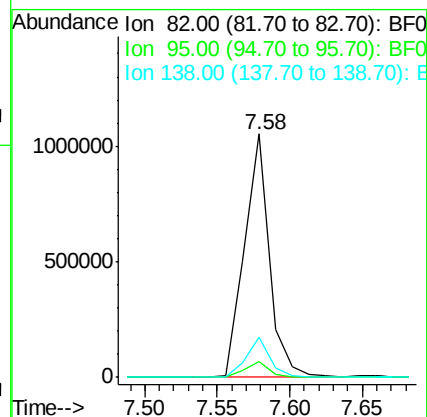
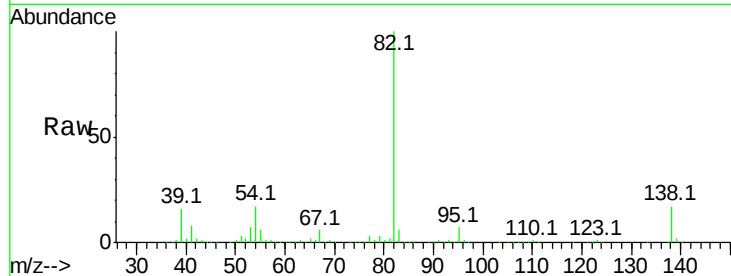
138 16.7 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.99 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

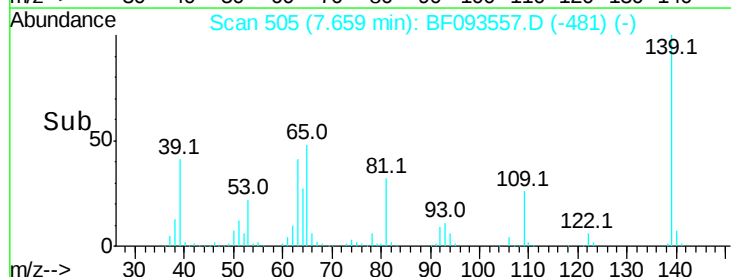
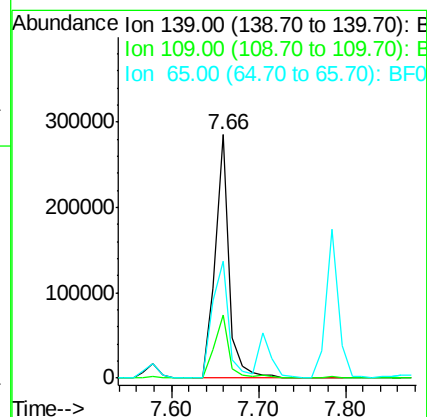
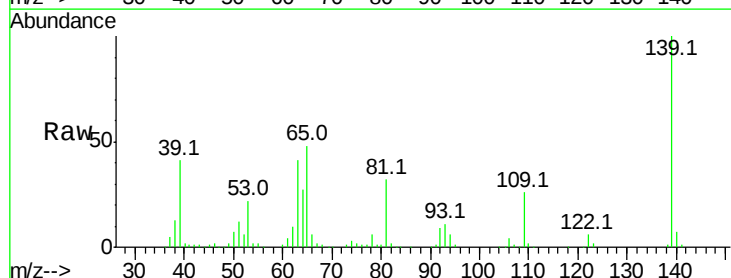
Tgt Ion: 139 Resp: 319353

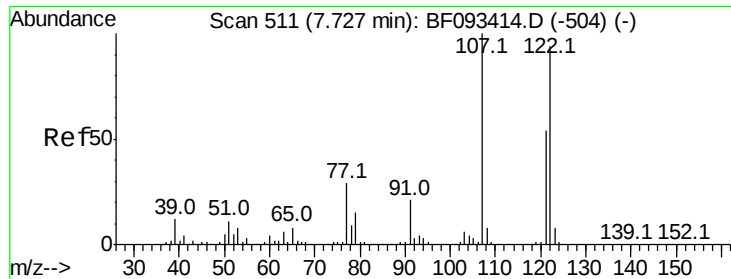
Ion Ratio Lower Upper

139 100

109 25.9 23.3 34.9

65 48.1 42.7 64.1





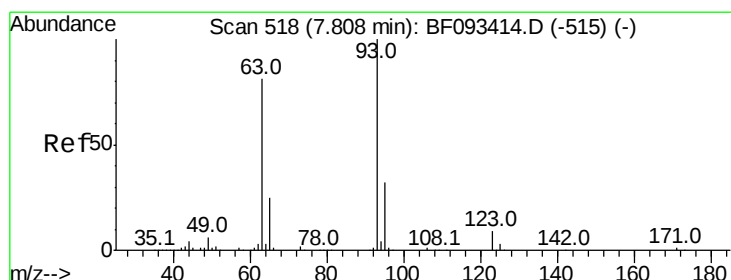
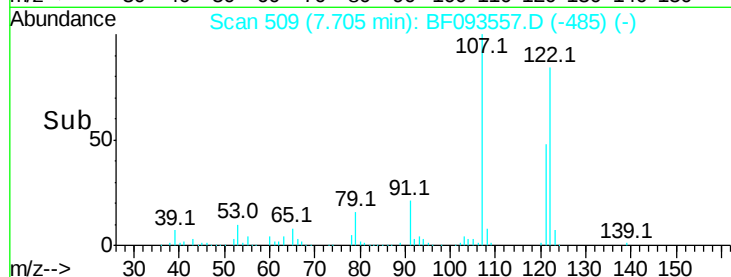
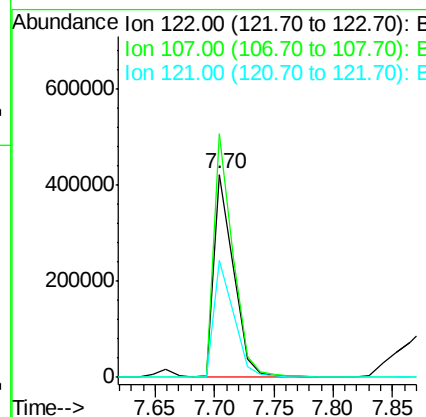
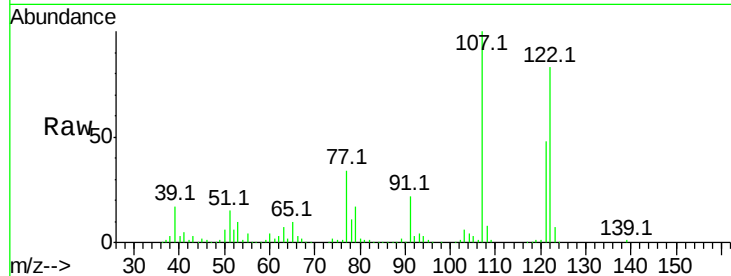
#27
2,4-Dimethylphenol
Concen: 44.61 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	94.1	141.1
121	57.5	46.0	69.0

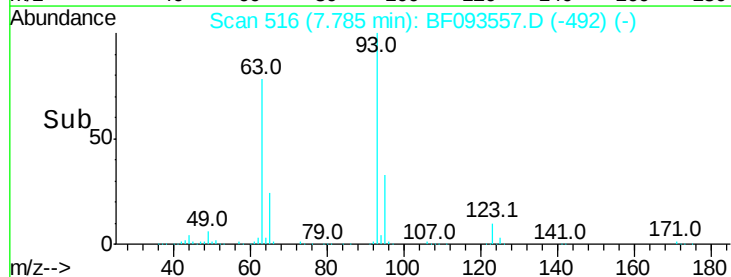
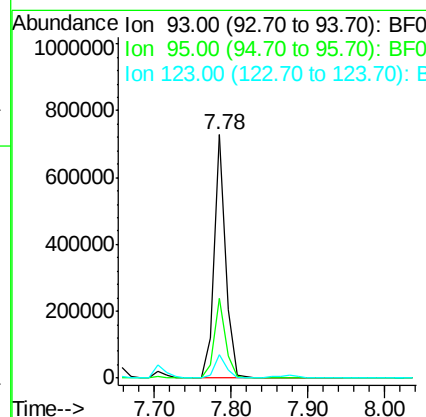
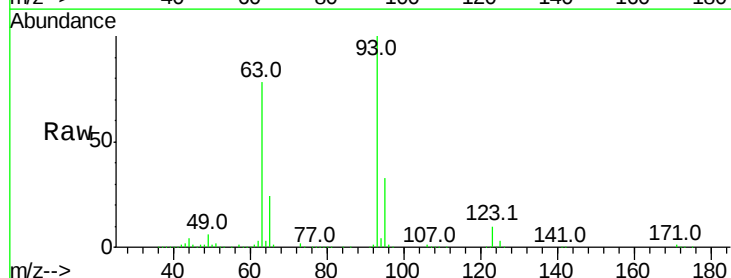
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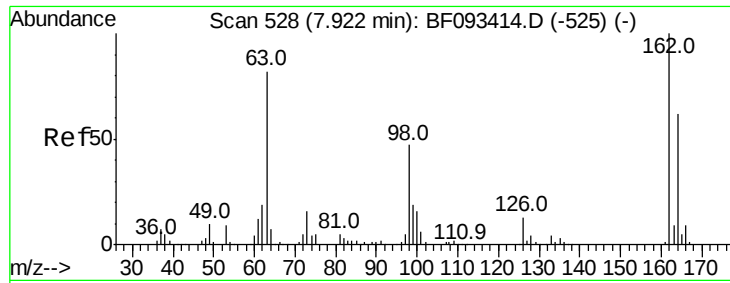
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.60 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	9.5	8.6	13.0





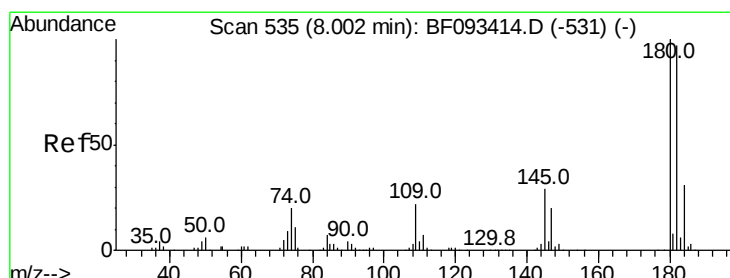
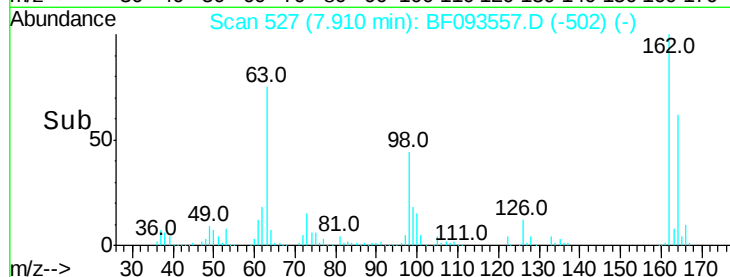
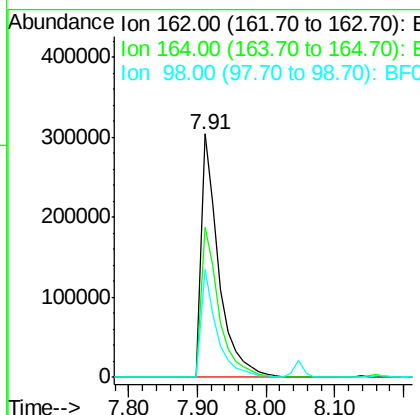
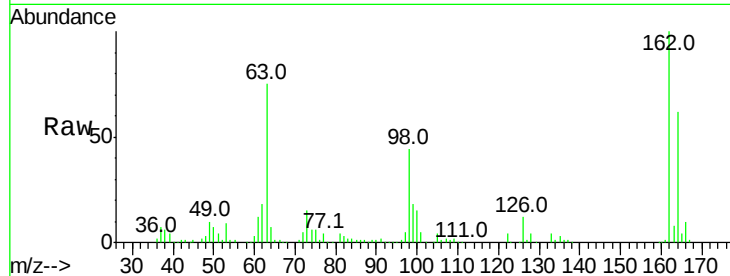
#29
 2,4-Dichlorophenol
 Concen: 51.73 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.6	46.8	86.8
98	44.4	9.1	49.1

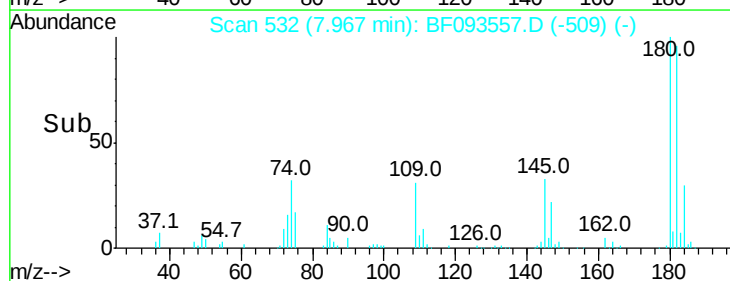
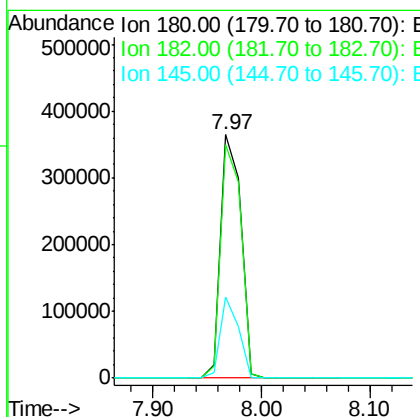
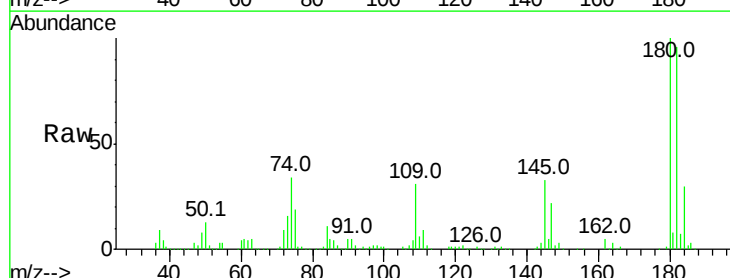
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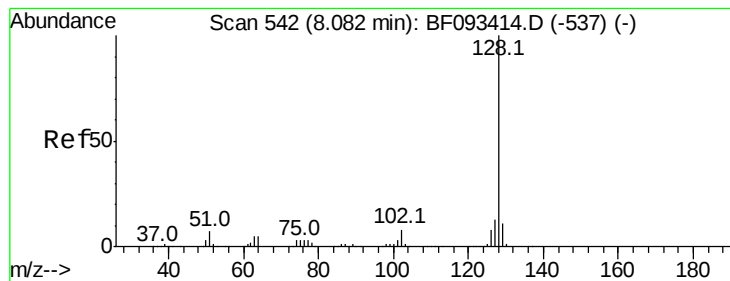
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.85 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	78.2	117.4
145	33.5	21.6	32.4#





#31

Naphthalene

Concen: 42.35 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:128 Resp: 1528145

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

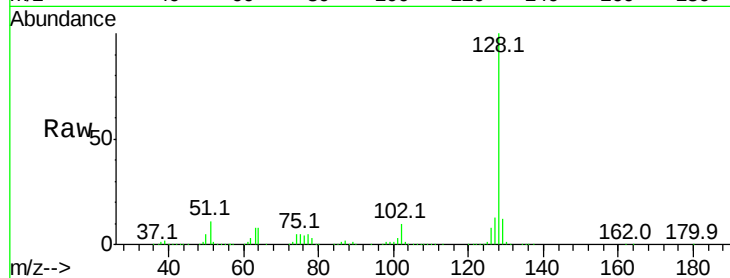
127 13.4 10.8 16.2

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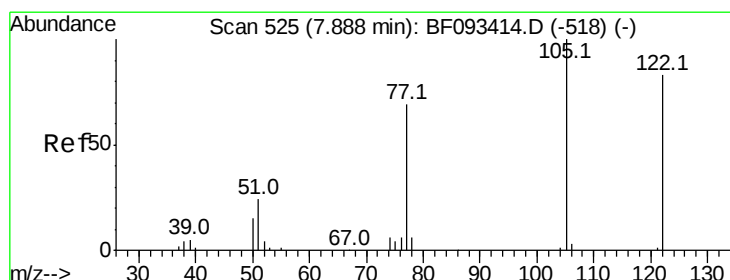
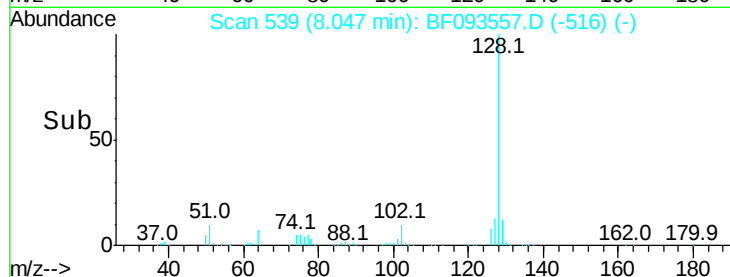
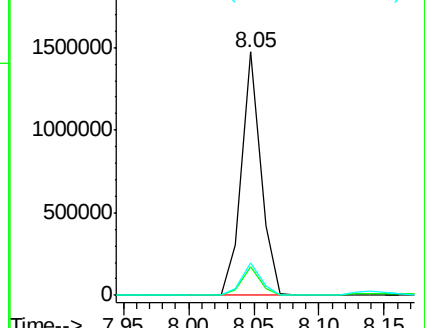
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.31 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

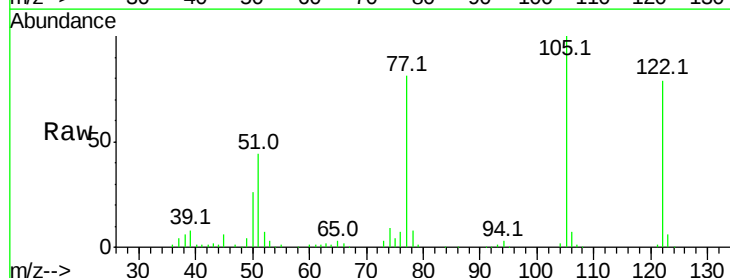
Tgt Ion:122 Resp: 249265

Ion Ratio Lower Upper

122 100

105 126.9 107.2 147.2

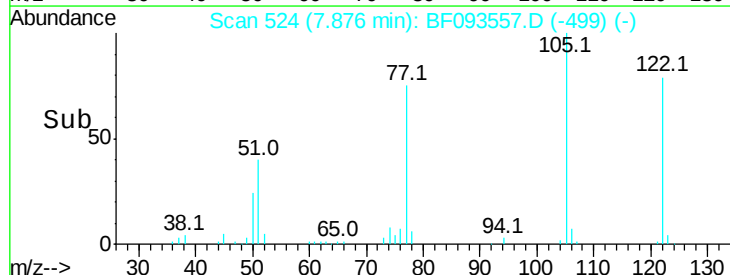
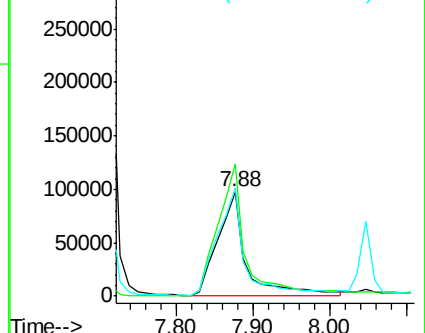
77 102.8 74.5 114.5

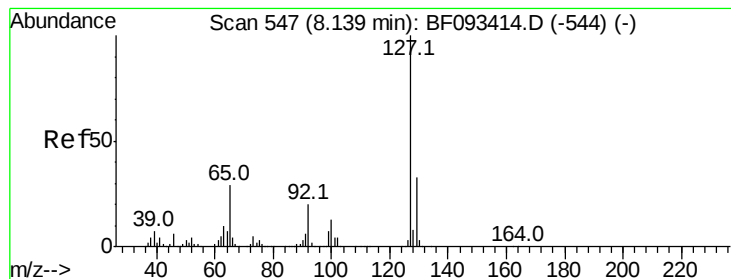


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





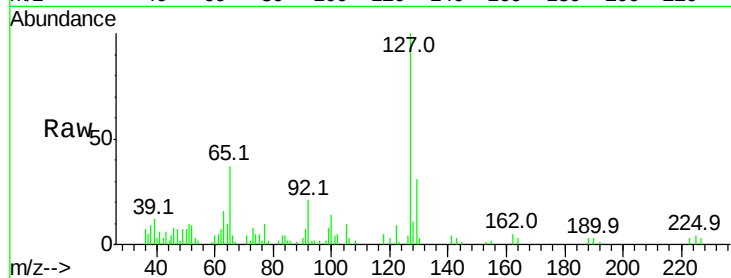
#33
4-Chloroaniline
Concen: 3.91 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

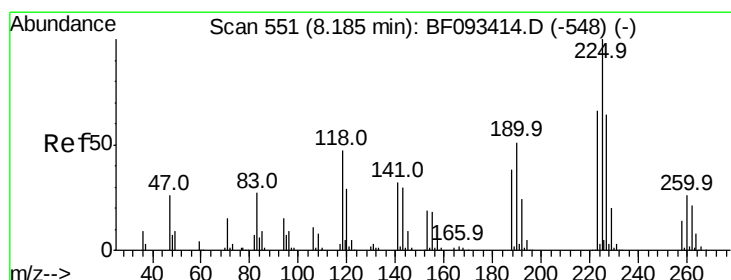
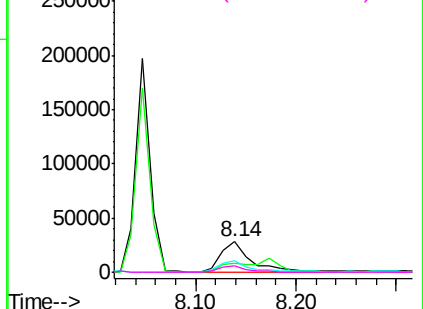
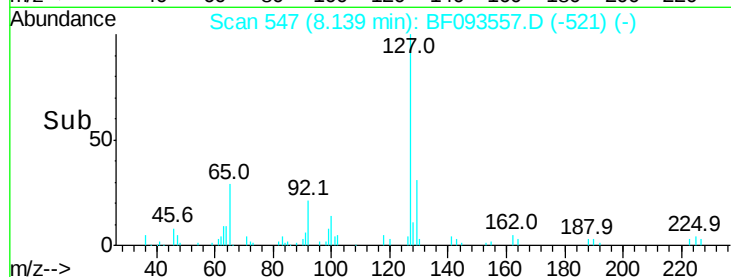
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.3	39.5
65	37.0	25.8	38.8
92	20.8	16.1	24.1

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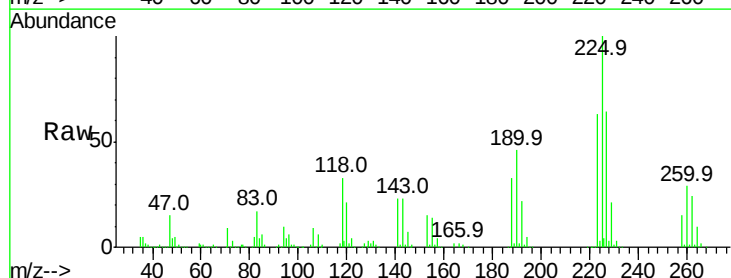


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

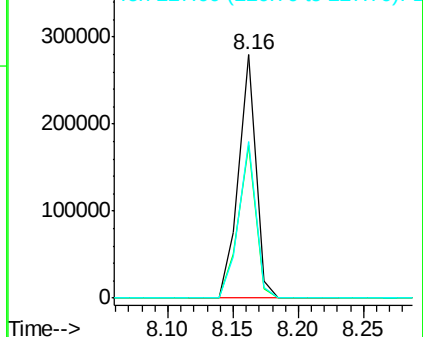
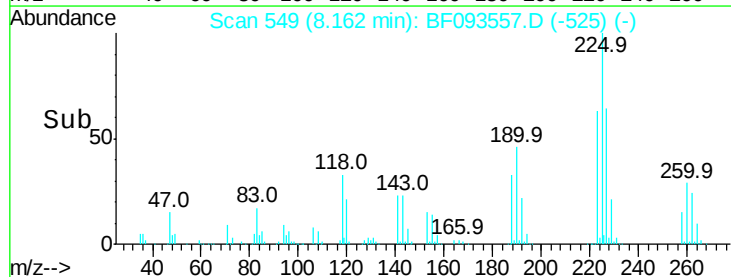


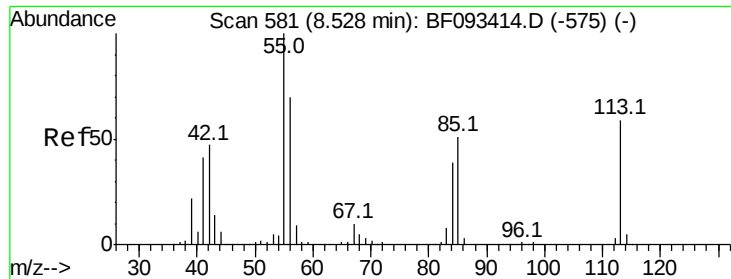
#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	64.3	50.6	76.0



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





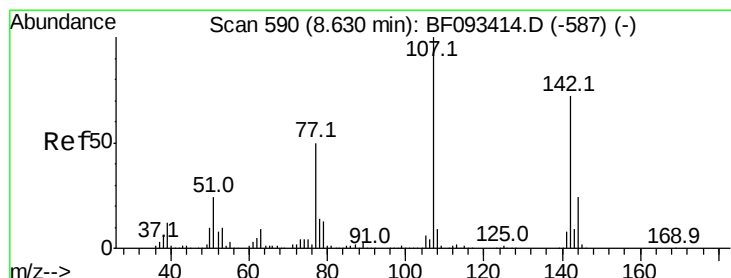
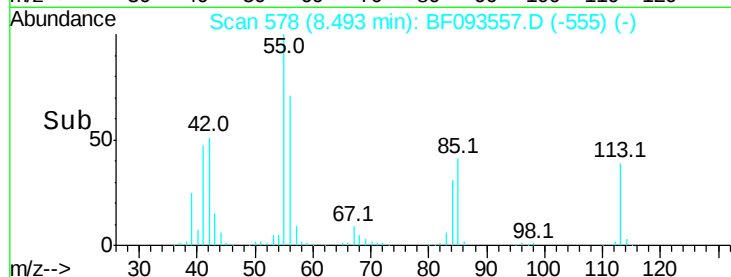
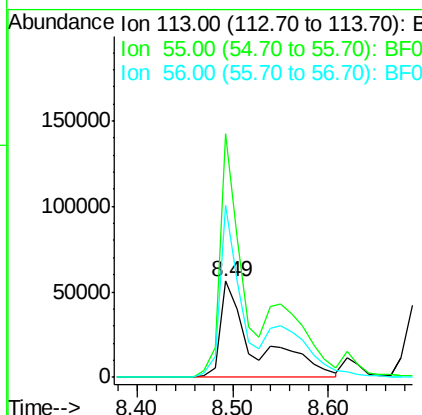
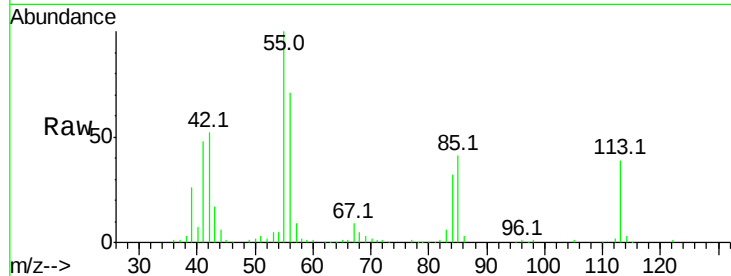
#35
 Caprolactam
 Concen: 40.71 ng/ml
 RT: 8.49 min Scan# 578
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion: 113 Resp: 141592
 Ion Ratio Lower Upper
 113 100
 55 253.5 119.2 159.2#
 56 179.4 83.8 123.8#

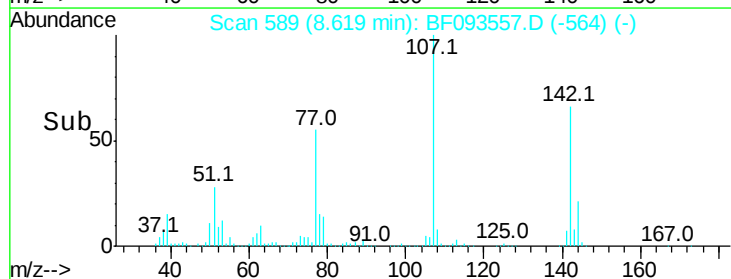
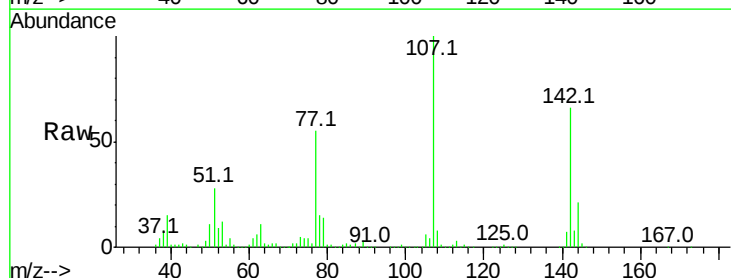
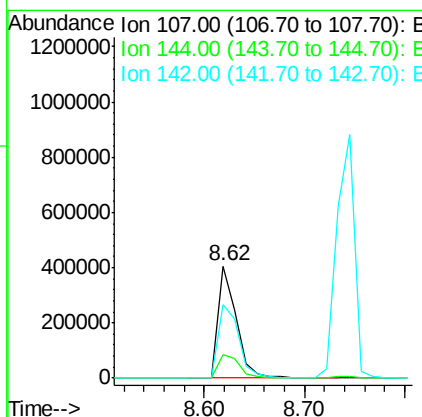
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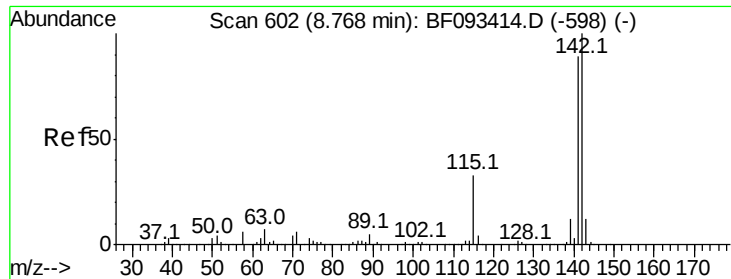
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#36
 4-Chloro-3-methylphenol
 Concen: 47.08 ng/ml
 RT: 8.62 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion: 107 Resp: 511789
 Ion Ratio Lower Upper
 107 100
 144 20.9 19.3 28.9
 142 66.1 59.0 88.6





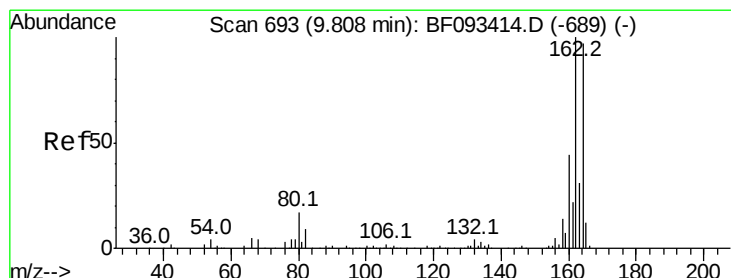
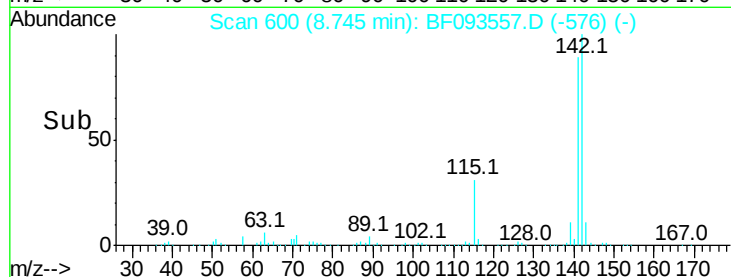
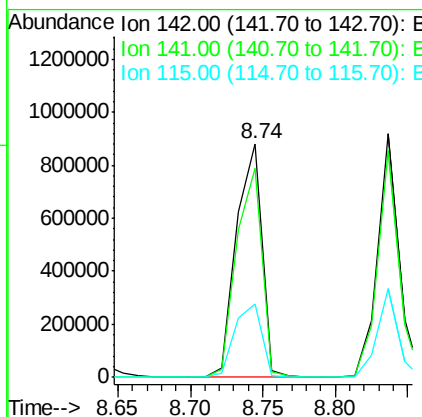
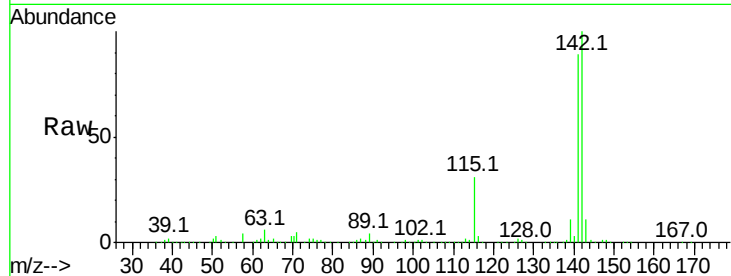
#37
2-Methylnaphthalene
Concen: 46.96 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion:142 Resp: 1078167
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 31.4 28.3 42.5

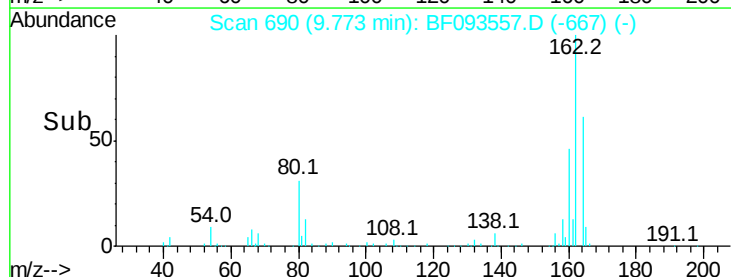
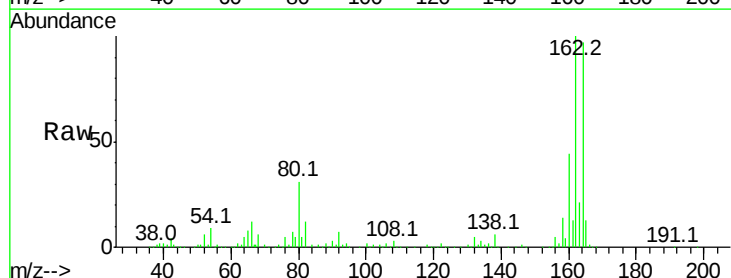
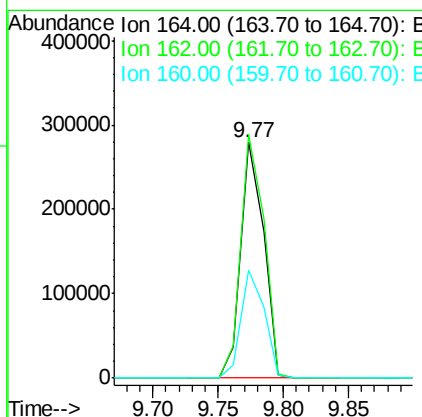
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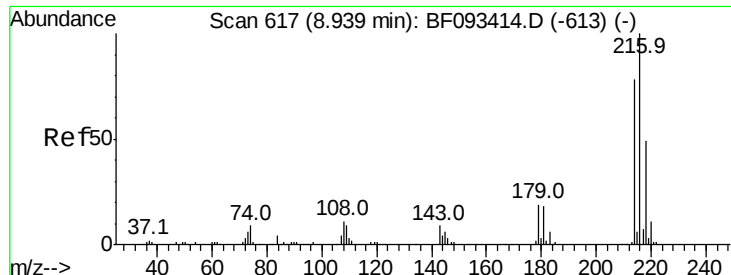
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:164 Resp: 339758
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 45.5 36.9 55.3





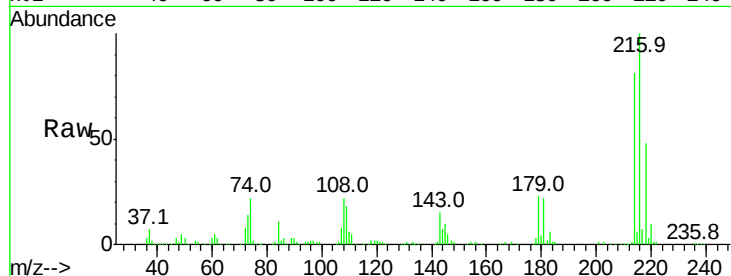
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.92 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

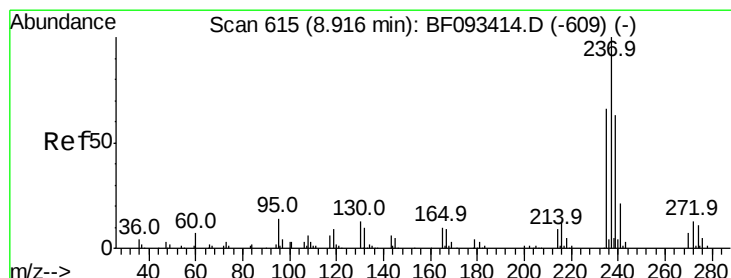
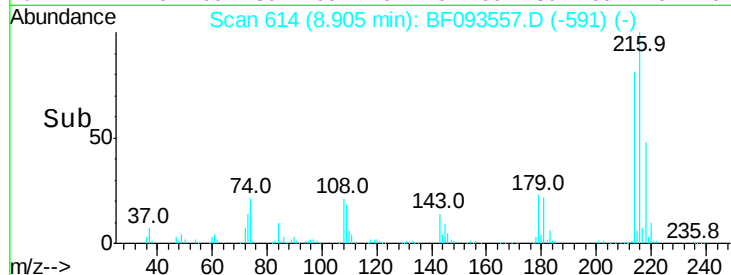
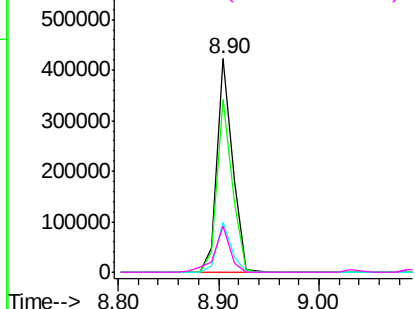
Tot Ion	Ratio	Resp	Lower	Upper
216	100	453834		
214	79.6	63.4	95.0	
179	21.8	17.4	26.2	
108	22.0	15.6	23.4	

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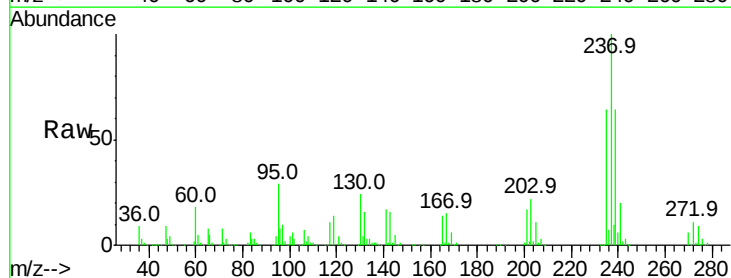


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

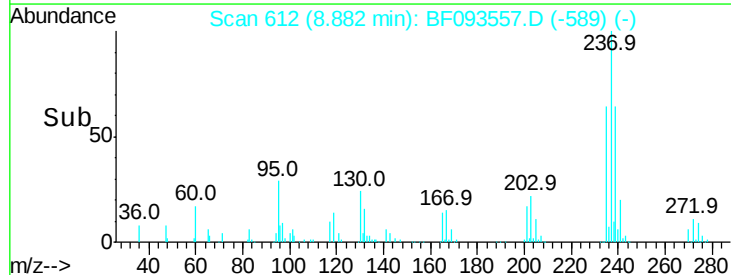
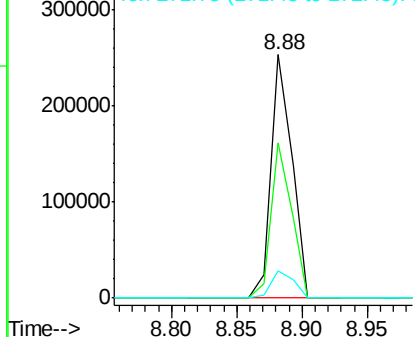


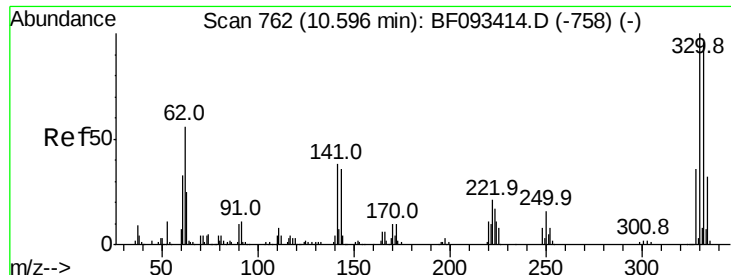
#40
 Hexachlorocyclopentadiene
 Concen: 115.42 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	284960		
235	63.7	41.2	81.2	
272	11.4	0.0	35.4	



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





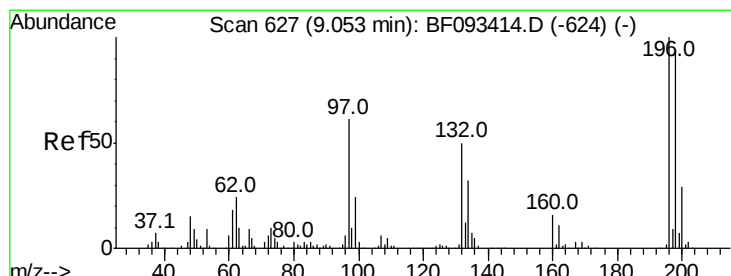
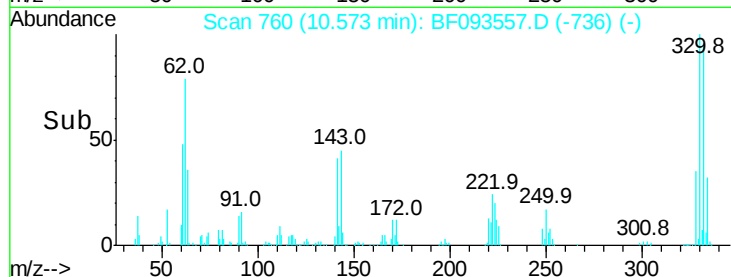
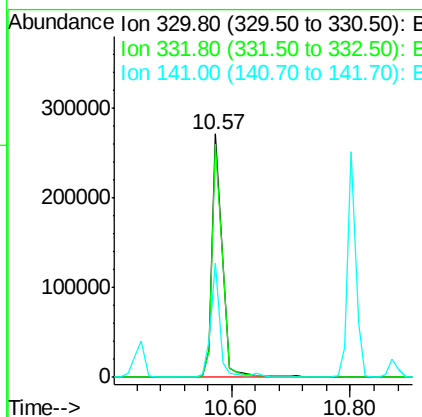
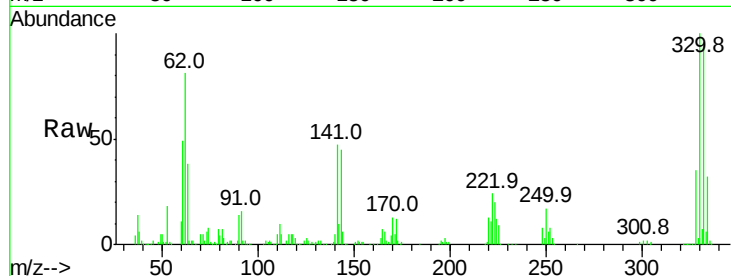
#41
 2,4,6-Tribromophenol
 Concen: 145.72 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	322570		
332	96.5	77.4	116.2	
141	42.1	34.1	51.1	

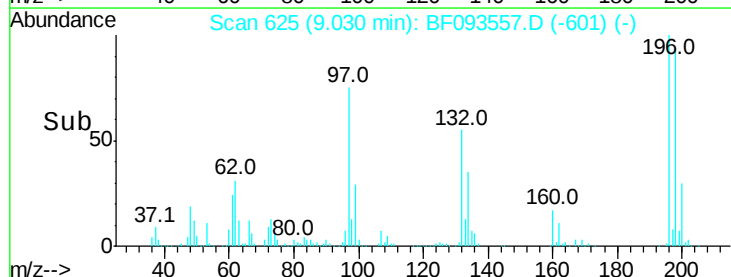
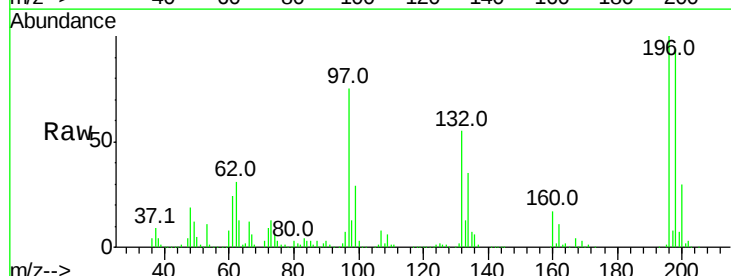
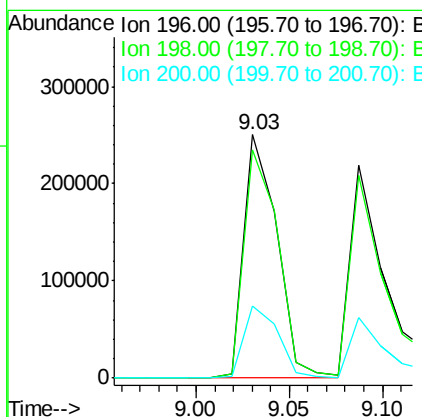
Manual Integrations
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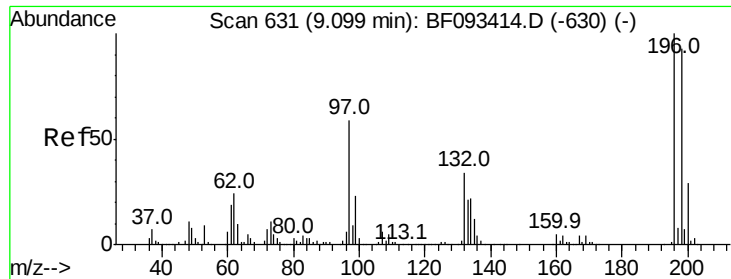
mohammad
 3/13/2017 5:50:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.35 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309231		
198	93.8	82.1	123.1	
200	29.5	27.0	40.4	





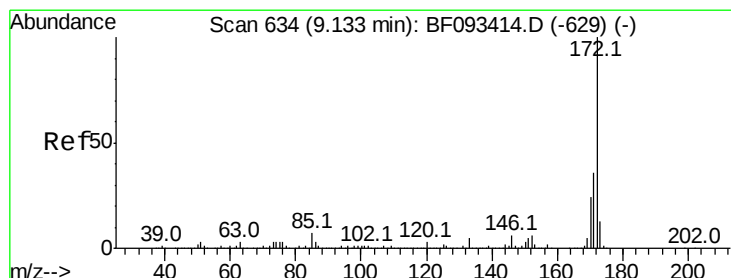
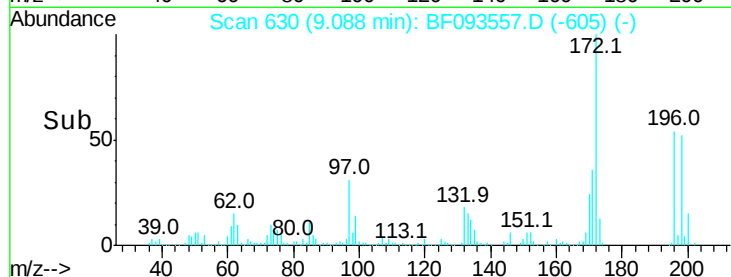
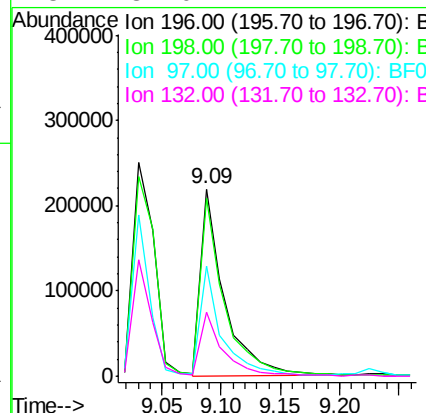
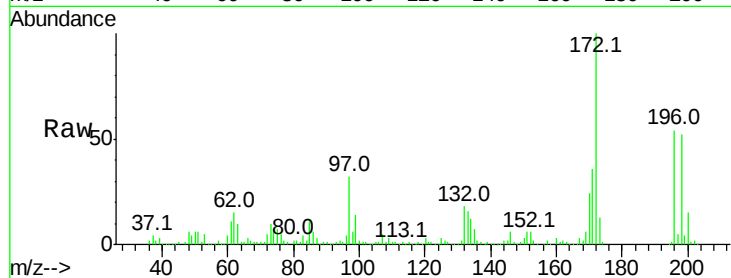
#43
 2,4,5-Trichlorophenol
 Concen: 49.06 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion:	196	Resp:	305149
Ion Ratio	Lower	Upper	
196	100		
198	95.2	79.4	119.2
97	58.6	51.5	77.3
132	34.0	27.4	41.2

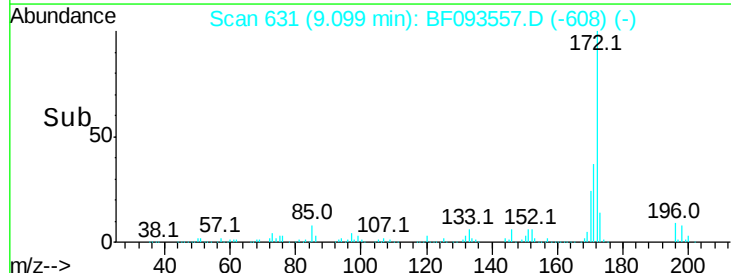
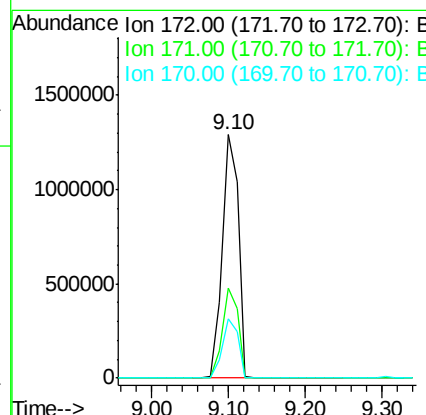
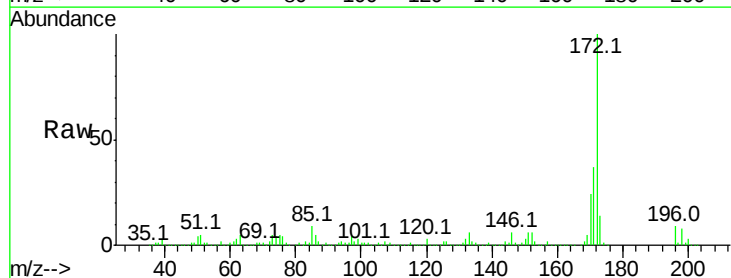
Manual Integrations
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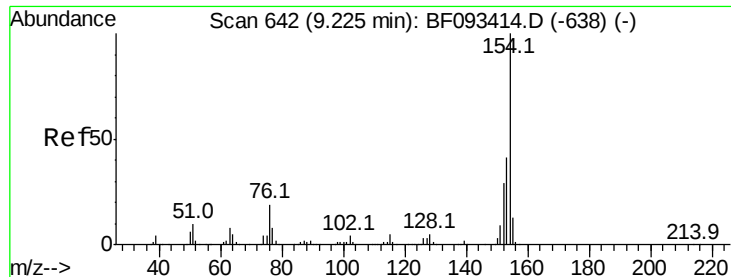
mohammad
 3/13/2017 5:50:43 PM



#44
 2-Fluorobiphenyl
 Concen: 104.04 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:	172	Resp:	1900336
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4





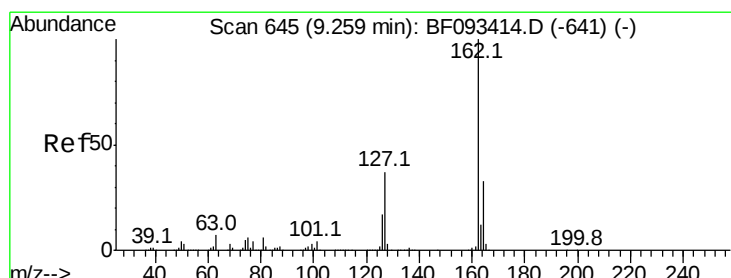
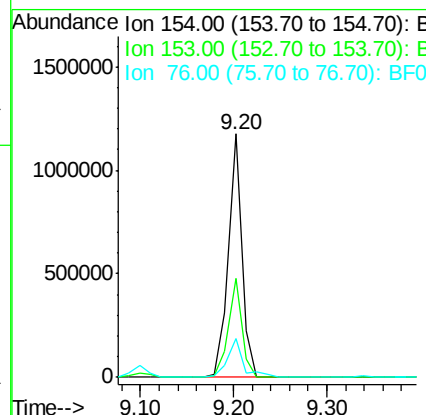
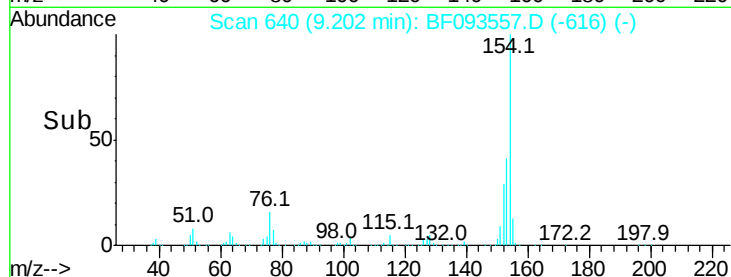
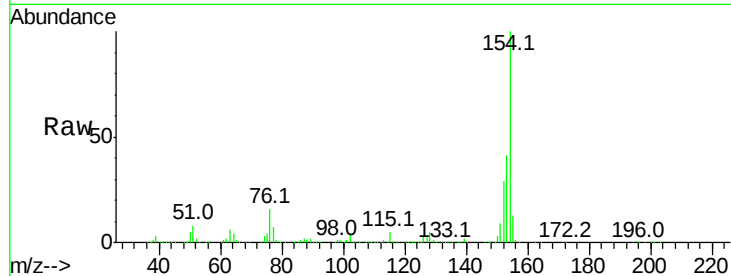
#45
1,1'-Biphenyl
Concen: 48.11 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	16.0	0.0	30.5

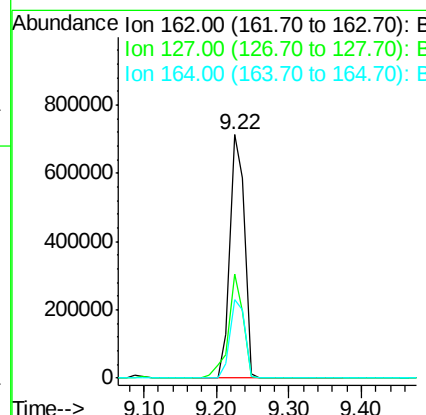
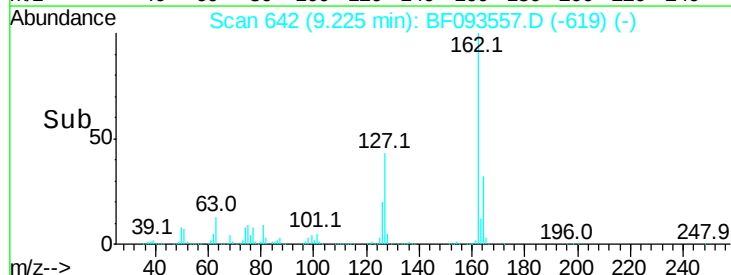
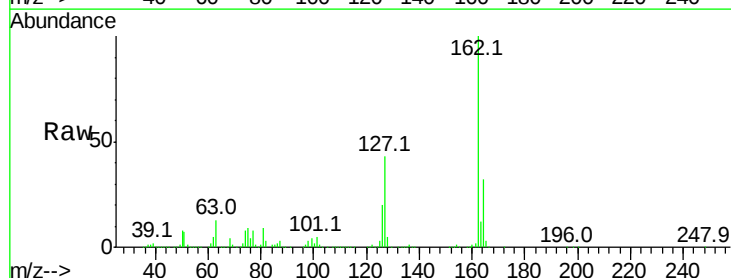
Manual Integrations
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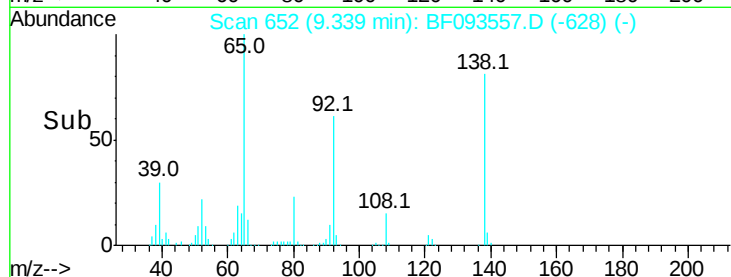
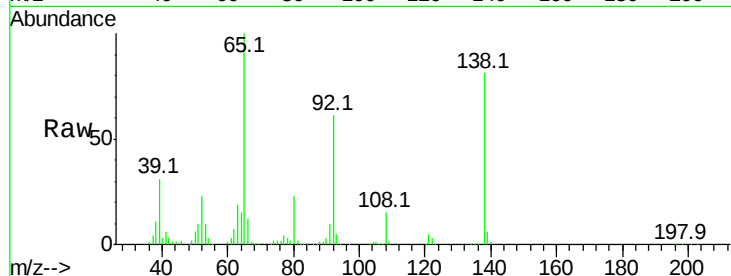
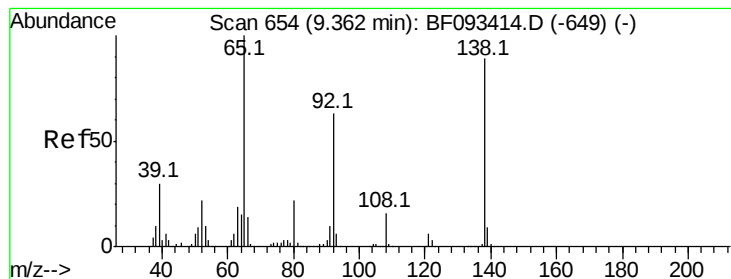
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#46
2-Chloronaphthalene
Concen: 52.50 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	30.7	46.1
164	32.3	27.6	41.4





#47

2-Nitroaniline

Concen: 51.83 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tot Ion:	65	Resp:	347141
Ion Ratio	Lower	Upper	
65	100		
92	60.9	53.9	80.9
138	81.2	76.8	115.2

Instrument :

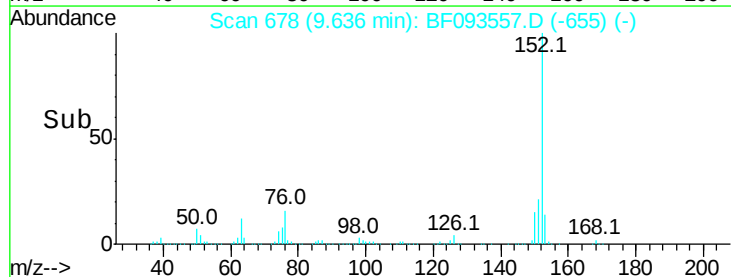
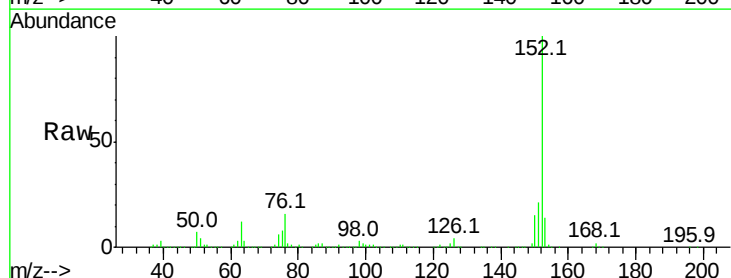
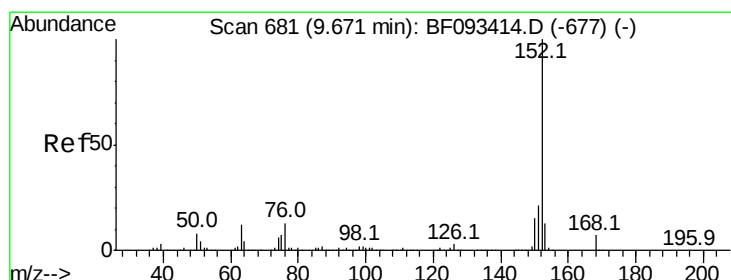
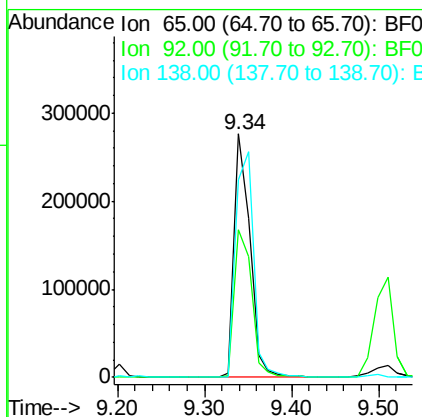
BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Manual Integrations
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#48

Acenaphthylene

Concen: 49.79 ng

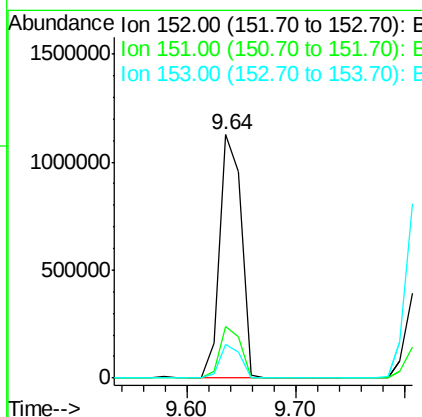
RT: 9.64 min Scan# 678

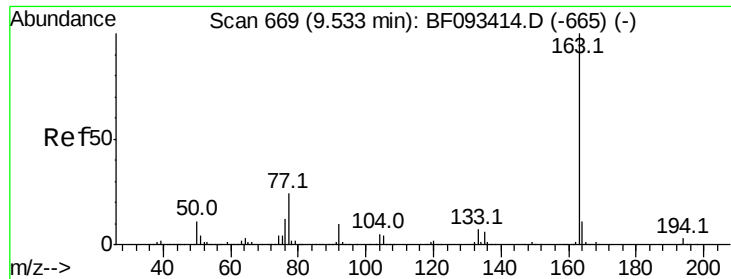
Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	152	Resp:	1555733
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.9	25.3
153	13.9	11.4	17.2





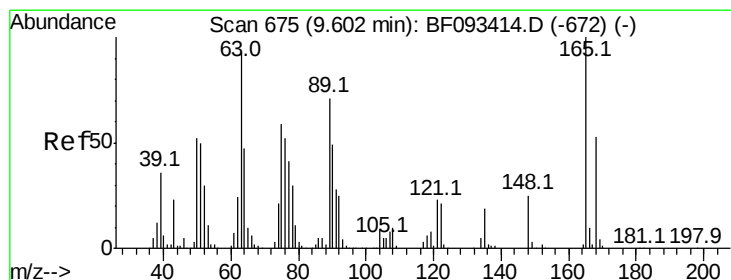
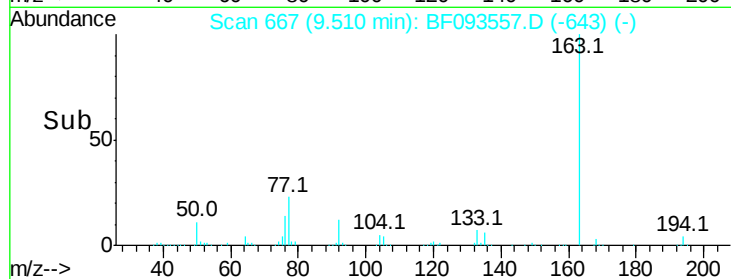
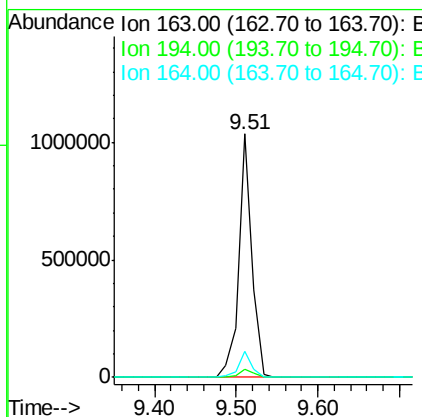
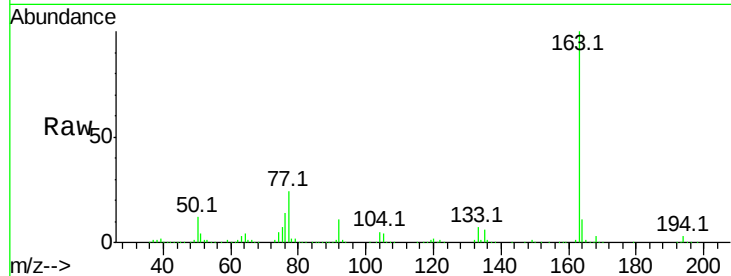
#49
Dimethylphthalate
Concen: 51.44 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion:163 Resp: 1158577
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.7 8.0 12.0

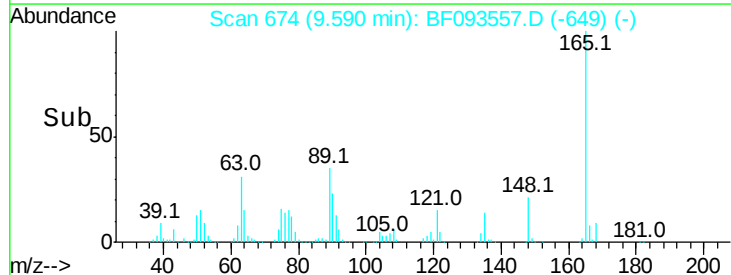
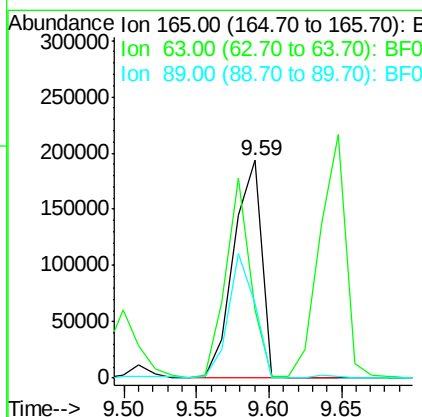
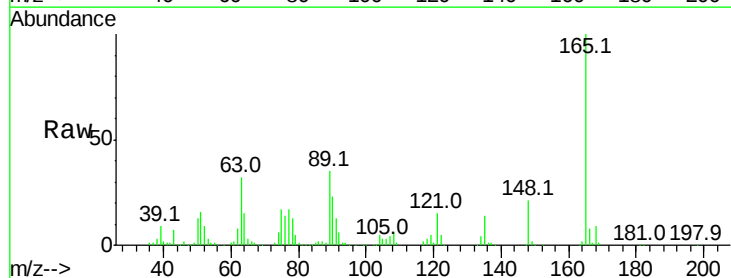
Manual Integrations
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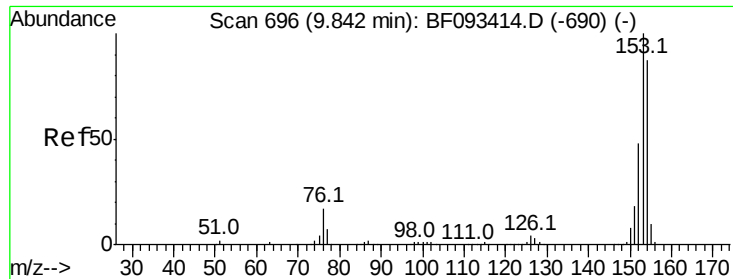
mohammad
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#50
2,6-Dinitrotoluene
Concen: 52.25 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:165 Resp: 258264
Ion Ratio Lower Upper
165 100
63 31.5 36.2 54.4#
89 34.6 40.2 60.4#





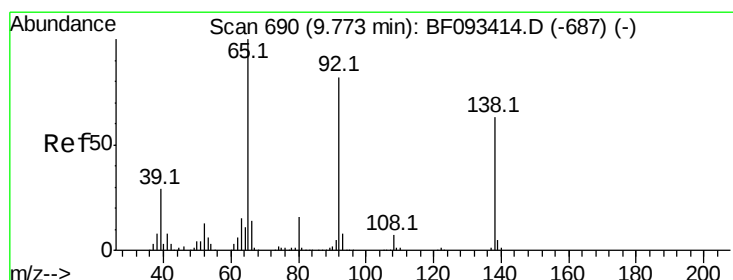
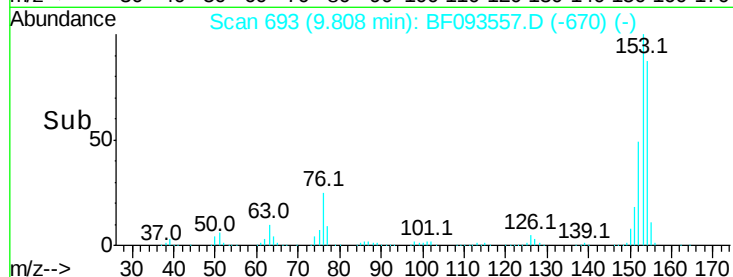
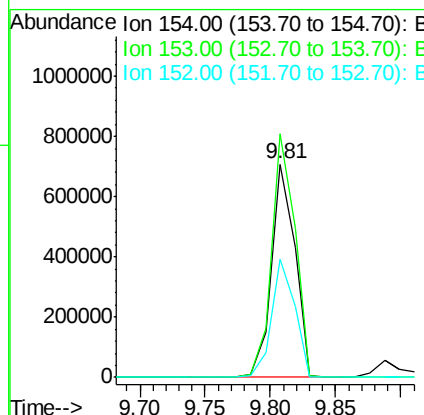
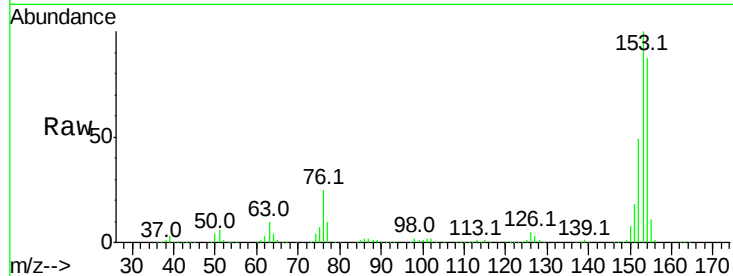
#51
Acenaphthene
Concen: 48.36 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.6	133.0
152	55.5	41.6	62.4

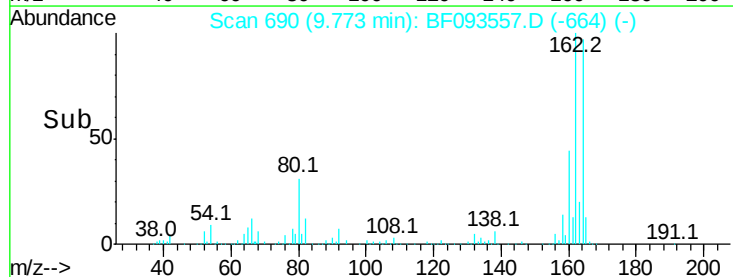
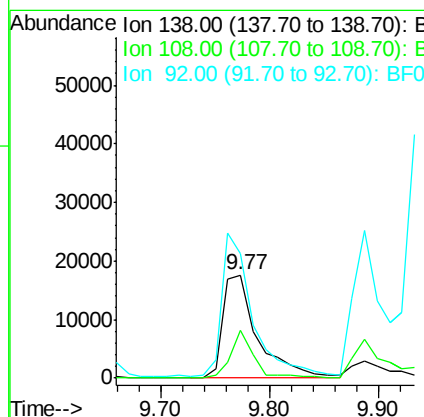
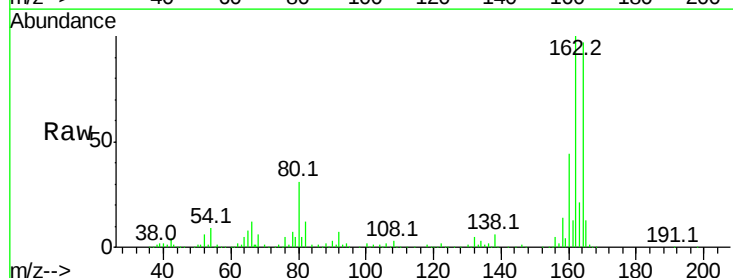
Manual Integrations
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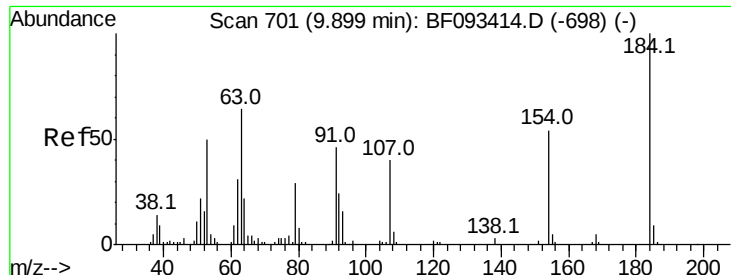
mohammad
3/13/2017 5:50:43 PM



#52
3-Nitroaniline
Concen: 6.61 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	46.6	8.5	12.7#
92	121.5	97.8	146.8





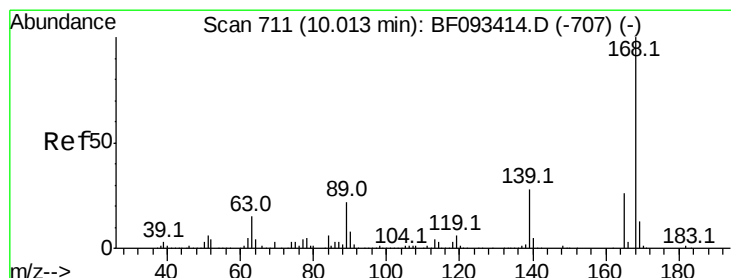
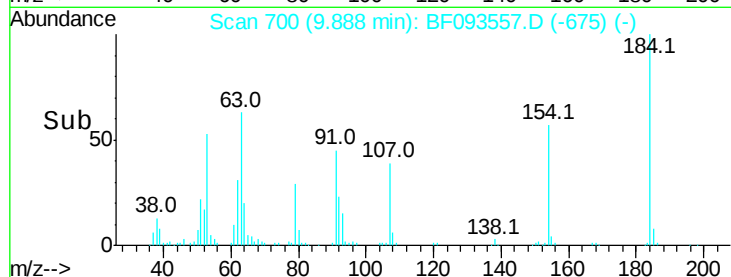
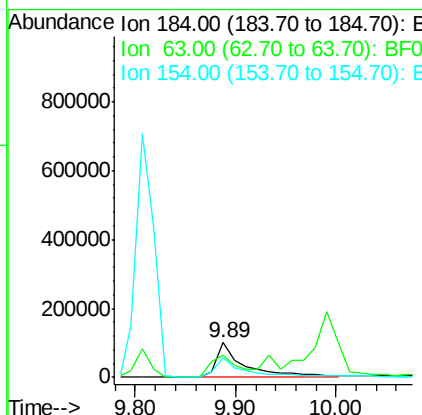
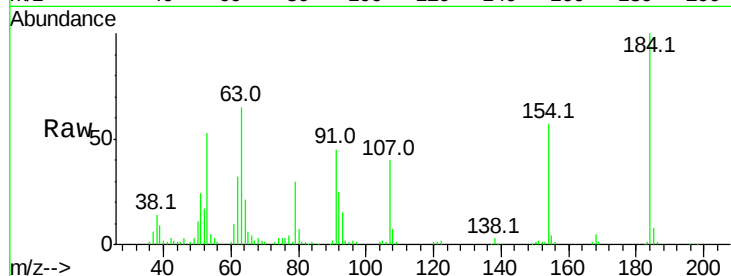
#53
2,4-Dinitrophenol
Concen: 87.36 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	196630		
63	65.1	28.4	42.6#	
154	56.8	44.3	66.5	

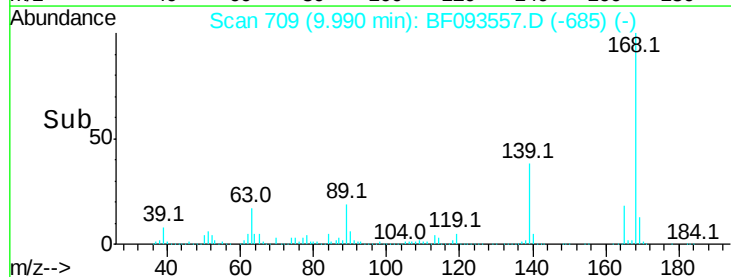
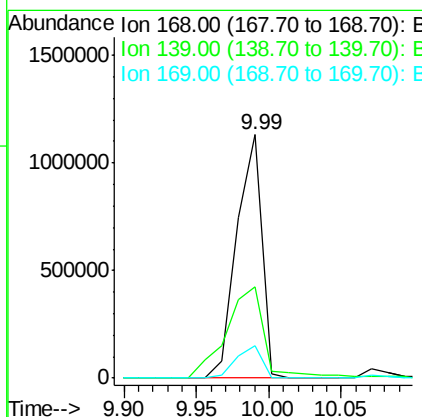
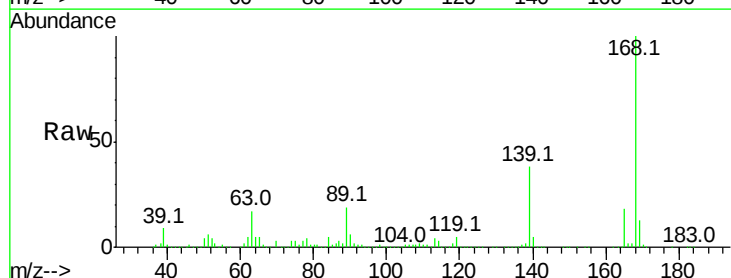
Manual Integrations
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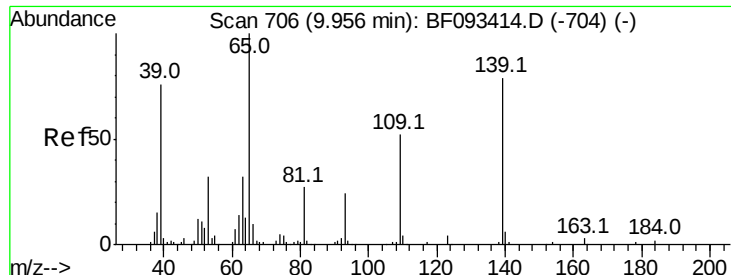
mohammad
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#54
Dibenzofuran
Concen: 58.73 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1358135		
139	37.6	32.6	49.0	
169	13.2	11.3	16.9	





#55

4-Nitrophenol

Concen: 56.76 ng/mL

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:139 Resp: 163713

Ion Ratio Lower Upper

139 100

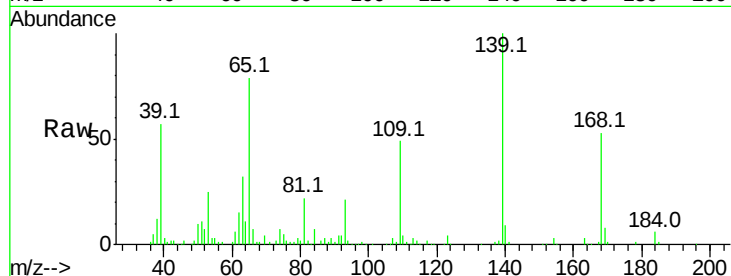
109 49.3 52.2 92.2#

65 78.6 85.8 125.8#

Manual Integrations
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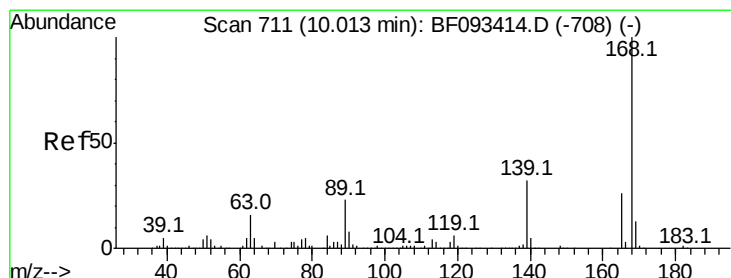
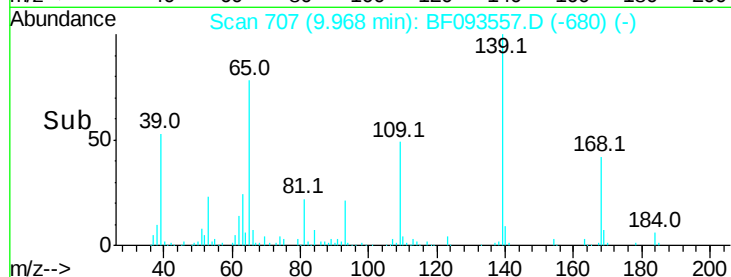
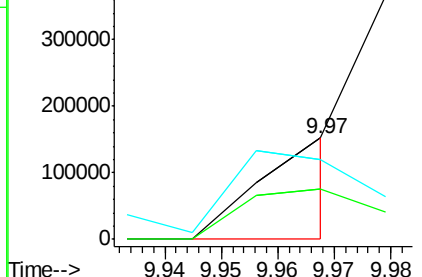
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 57.79 ng/mL

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:165 Resp: 350886

Ion Ratio Lower Upper

165 100

63 34.9 40.2 60.4#

89 50.1 62.5 93.7#

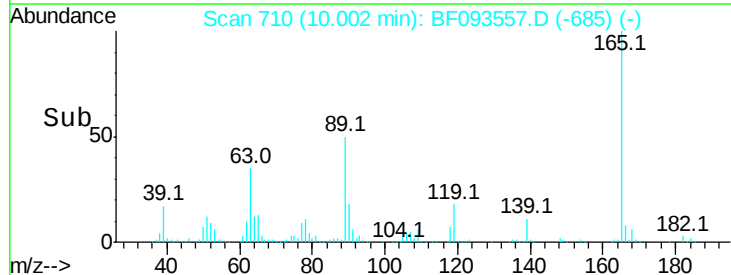
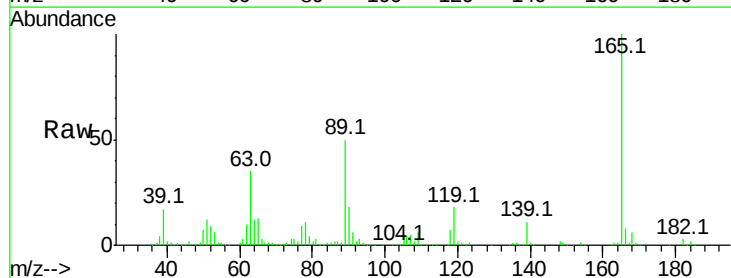
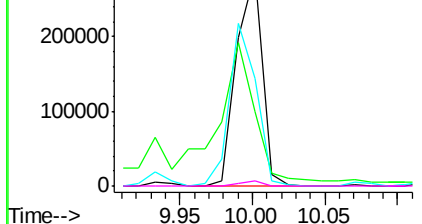
182 2.6 1.8 2.8

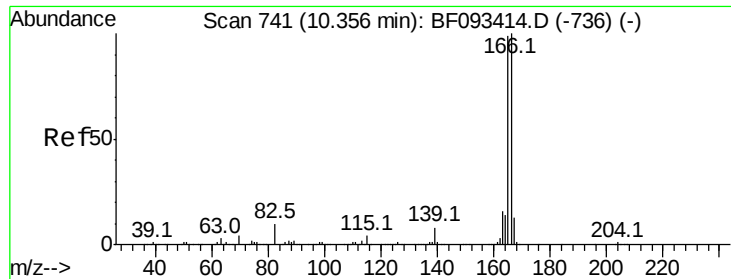
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





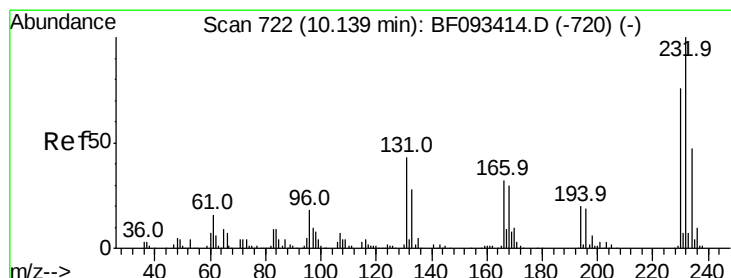
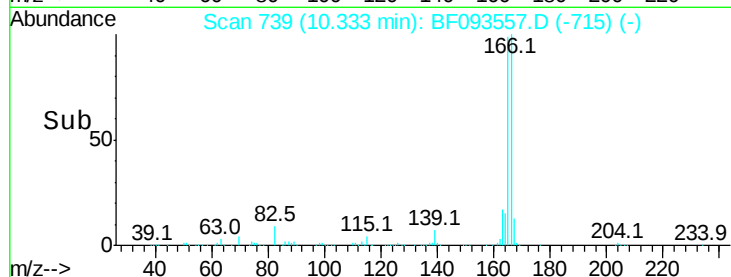
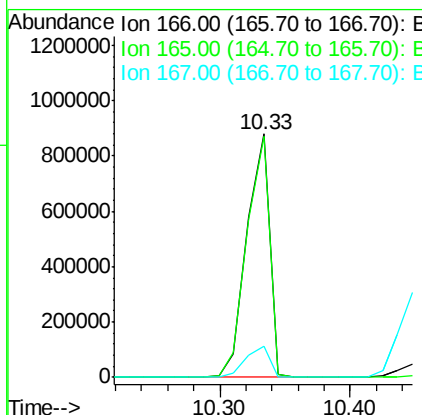
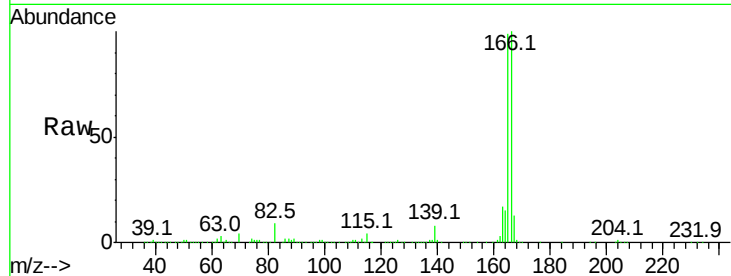
#57
 Fluorene
 Concen: 54.64 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion:166 Resp: 1070793
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.8 116.8
 167 13.0 10.8 16.2

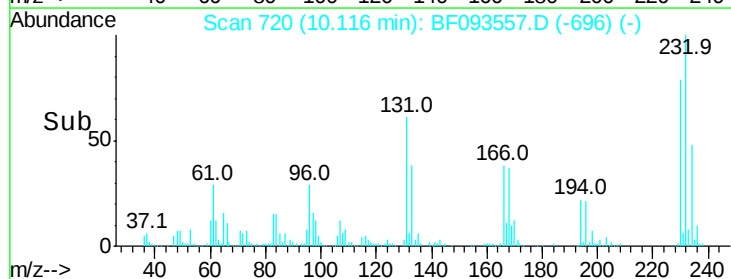
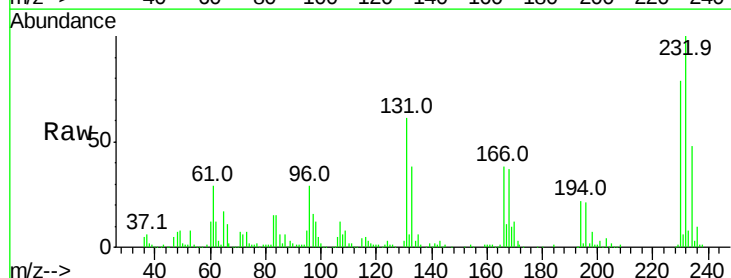
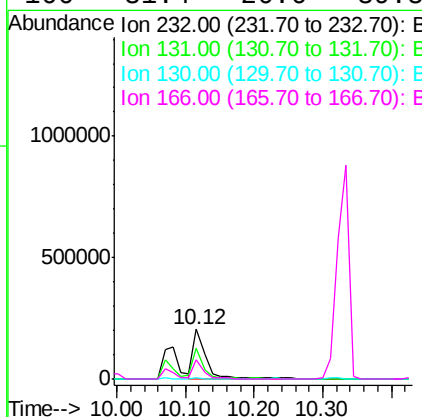
Manual Integrations
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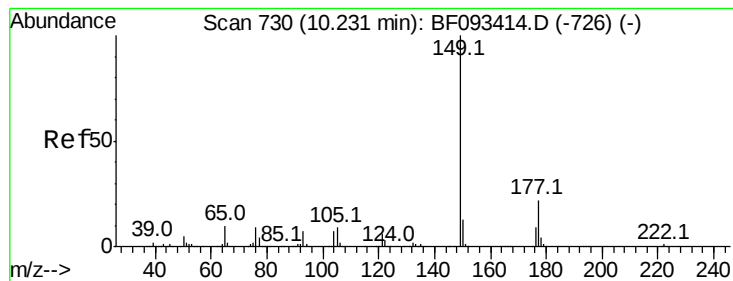
mohammad
 3/13/2017 5:50:43 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.04 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:232 Resp: 259145
 Ion Ratio Lower Upper
 232 100
 131 48.3 40.1 60.1
 130 3.0 1.8 2.8#
 166 31.4 26.6 39.8





#59

Diethylphthalate

Concen: 52.79 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:149 Resp: 1136478

Ion Ratio Lower Upper

149 100

177 21.0 16.6 25.0

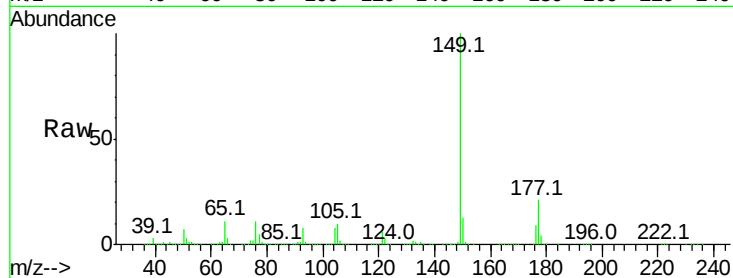
150 12.7 10.4 15.6

Manual Integrations

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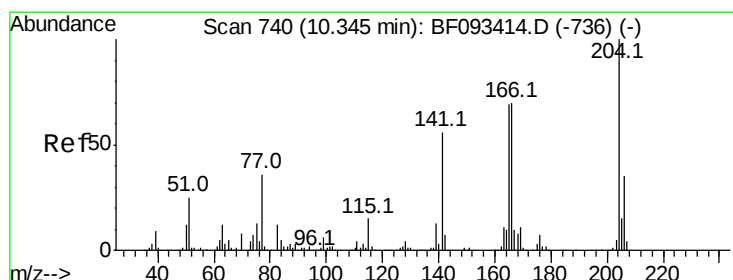
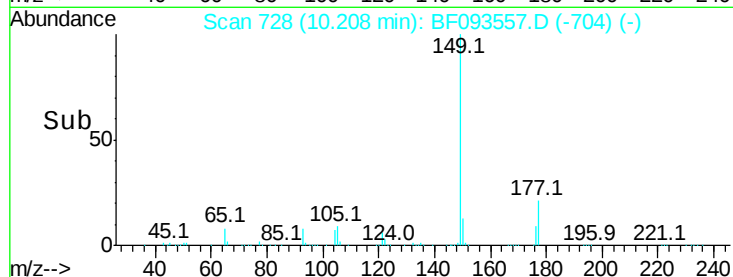
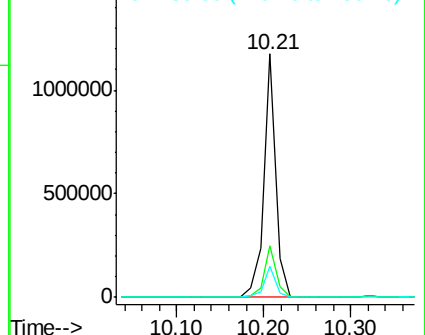
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 57.14 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

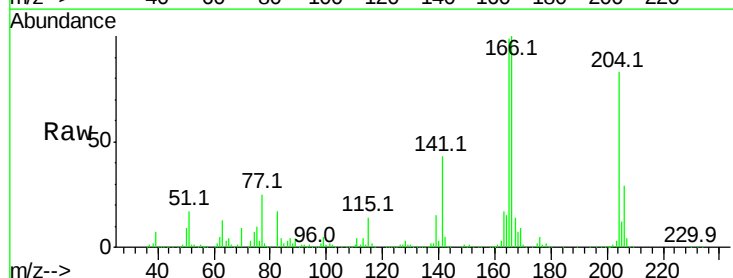
Tgt Ion:204 Resp: 501888

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

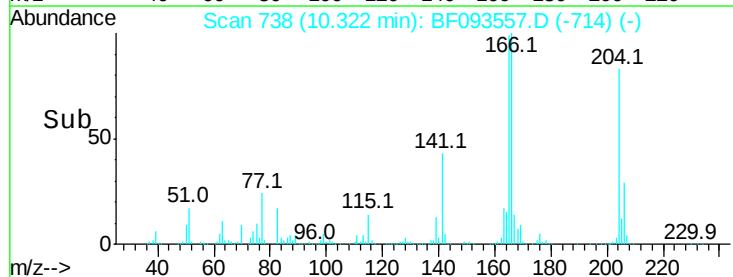
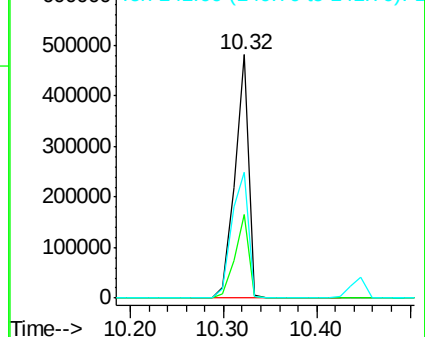
141 51.5 59.4 89.0#

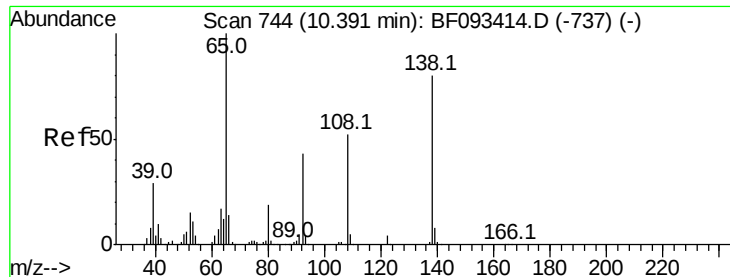


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





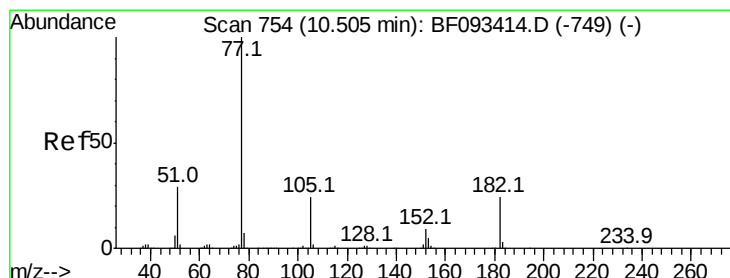
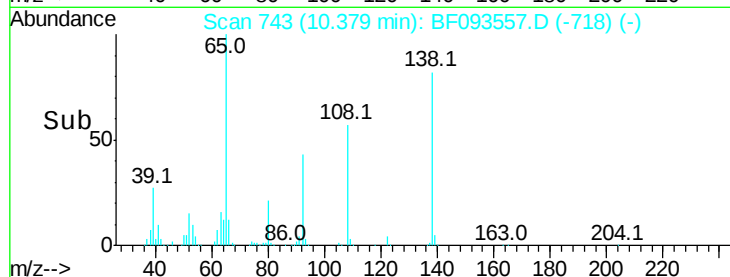
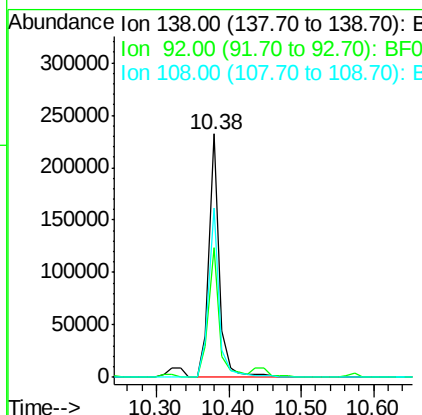
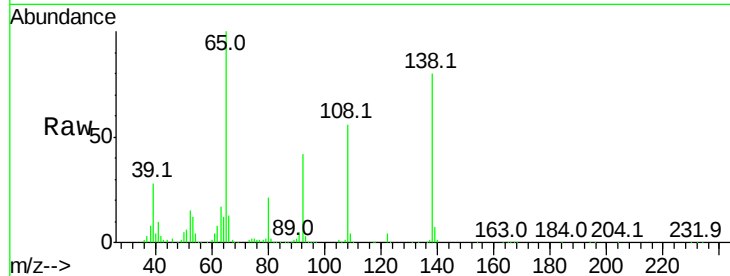
#61
4-Nitroaniline
Concen: 38.90 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	31.7	71.7
108	69.8	52.6	92.6

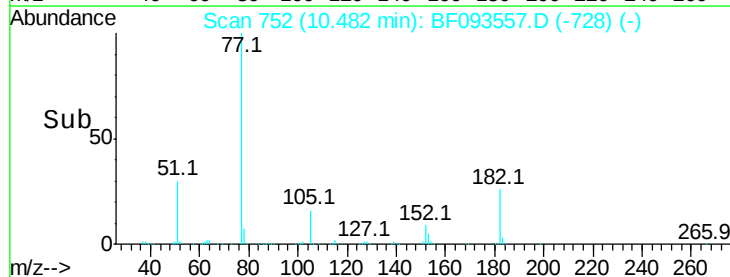
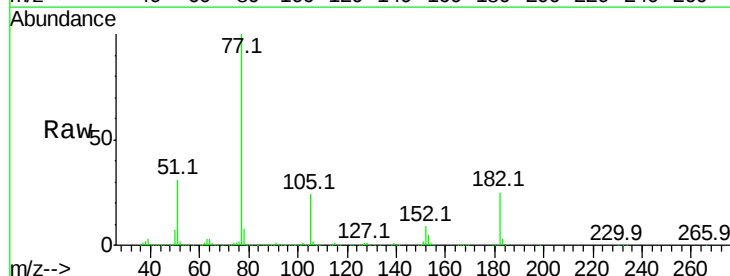
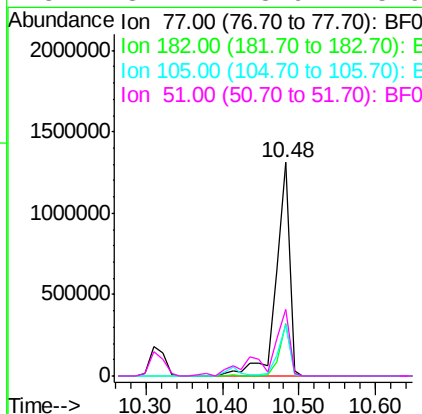
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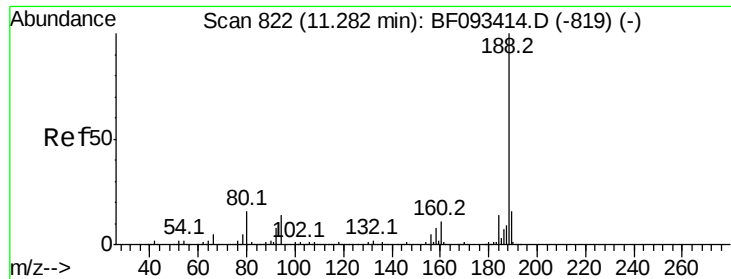
mohammad
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#62
Azobenzene
Concen: 63.92 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	0.0	39.3
105	24.2	2.3	42.3
51	31.1	8.9	48.9





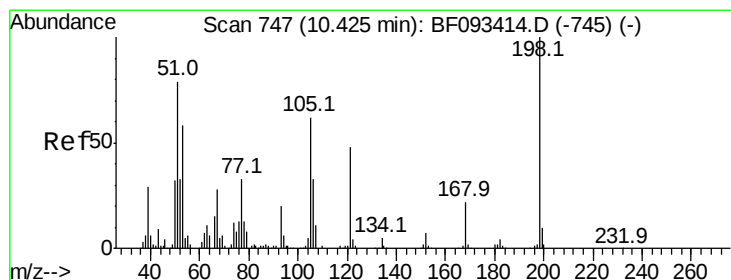
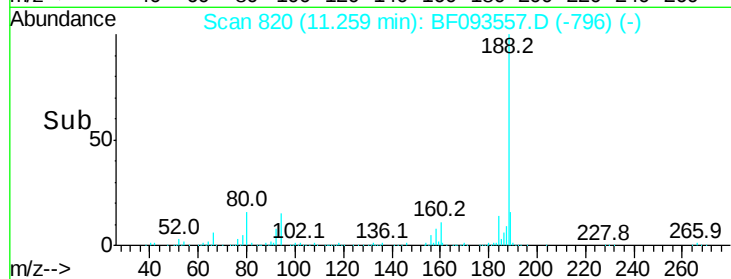
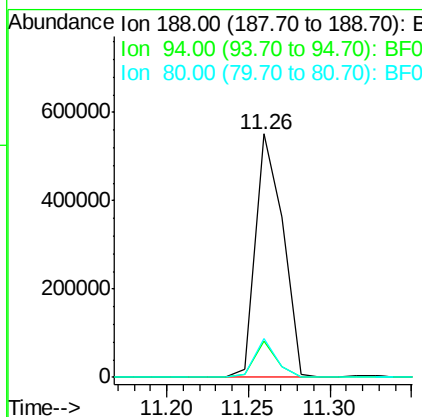
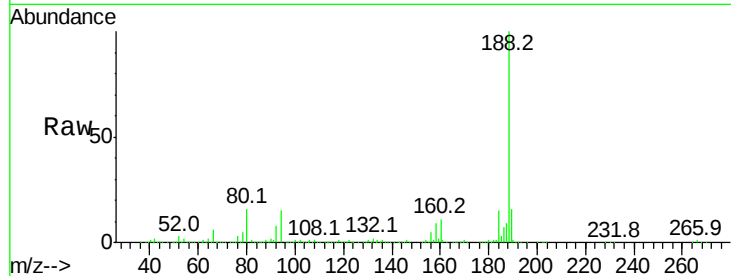
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	646360		
94	15.1	10.0	15.0#	
80	16.0	11.2	16.8	

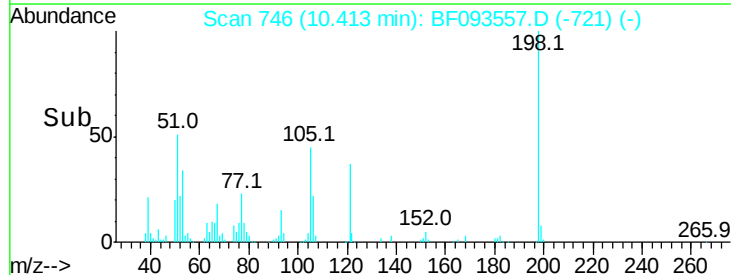
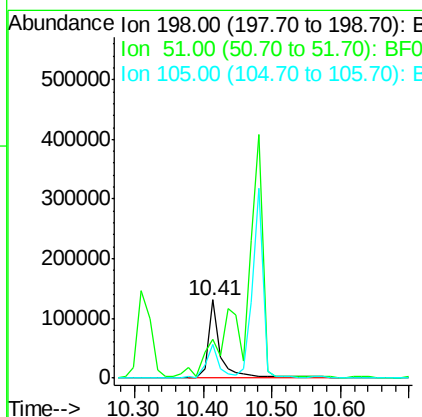
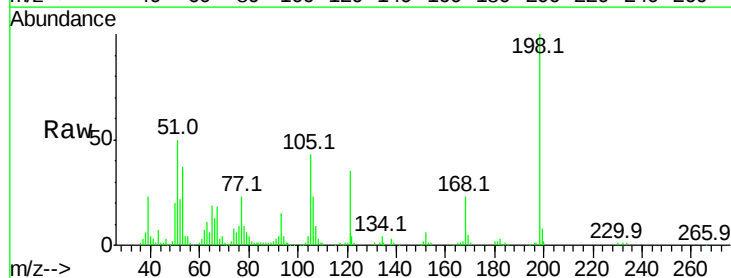
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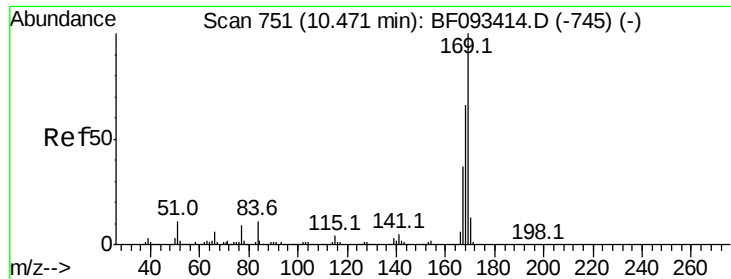
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.08 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	167833		
51	50.4	6.7	46.7#	
105	43.4	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 41.71 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

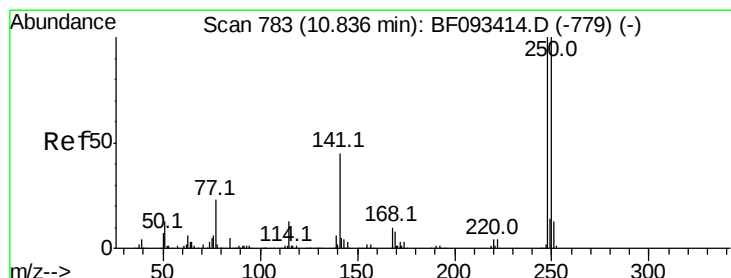
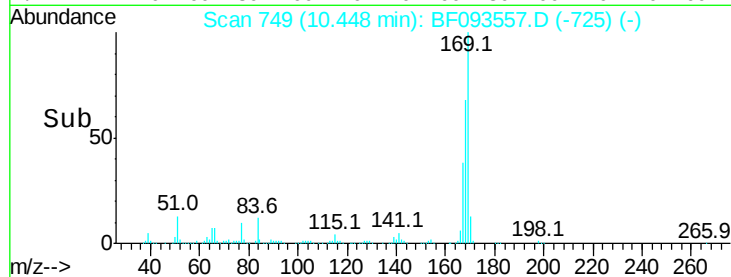
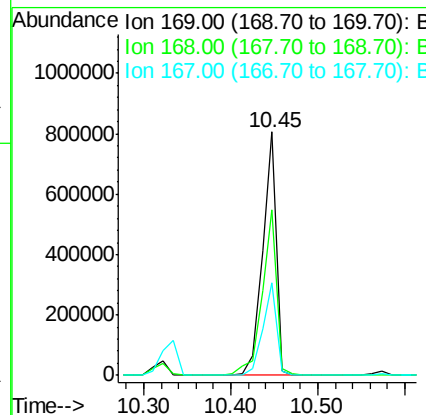
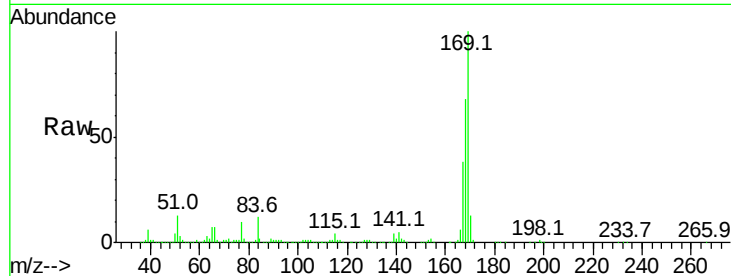
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:	169	Resp:	900229
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.2	81.2
167	38.1	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 41.32 ng

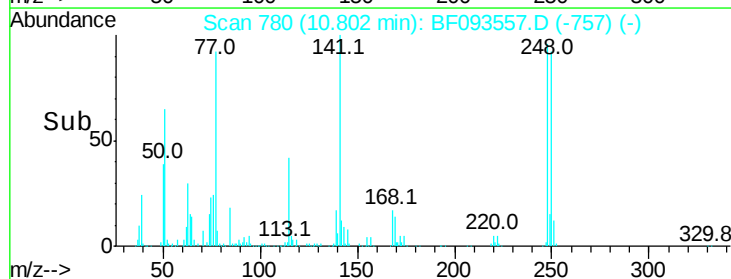
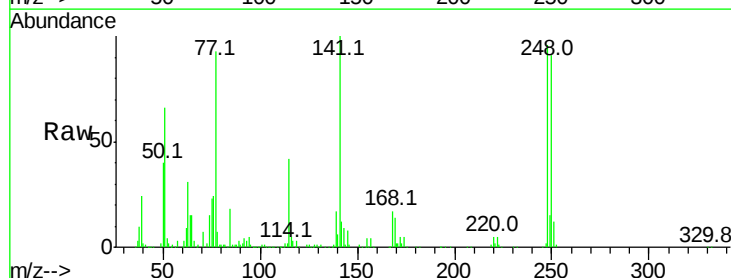
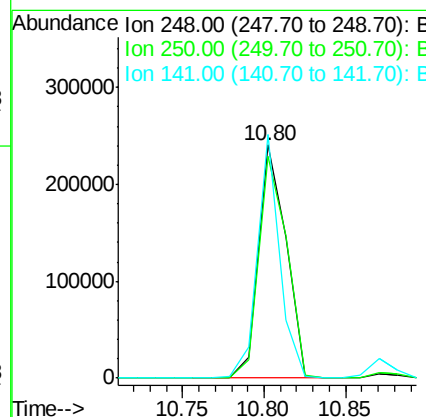
RT: 10.80 min Scan# 780

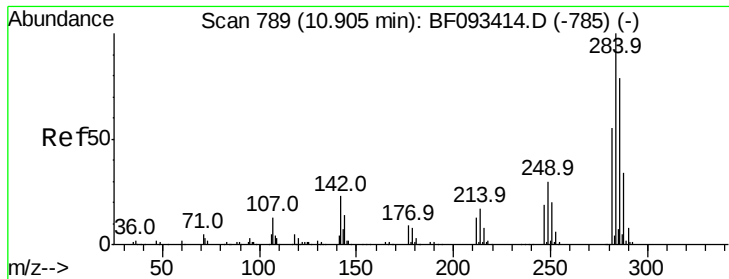
Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	248	Resp:	282392
Ion Ratio	Lower	Upper	
248	100		
250	95.6	76.9	115.3
141	104.6	68.2	102.4#





#67

Hexachlorobenzene

Concen: 43.16 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

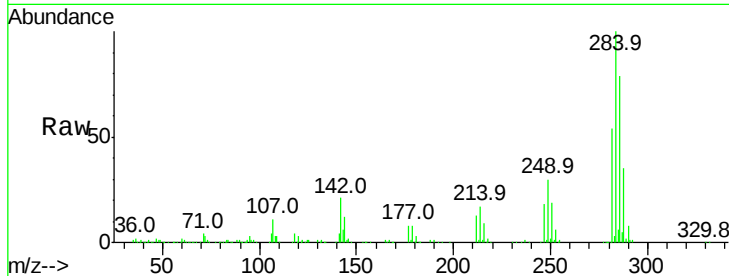
ClientSampleId :

TP-9-COMP-0-12FTMSD

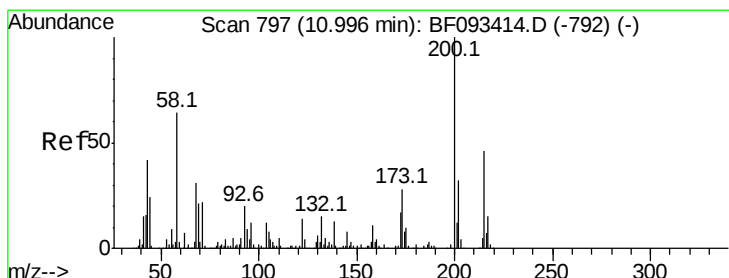
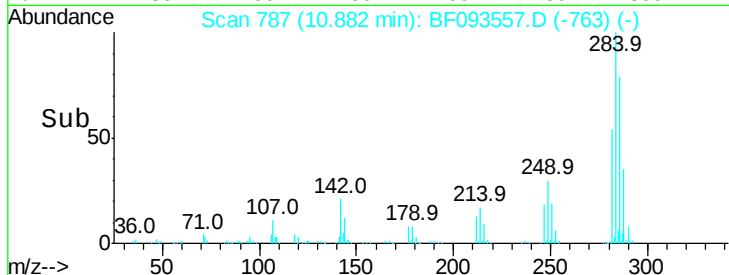
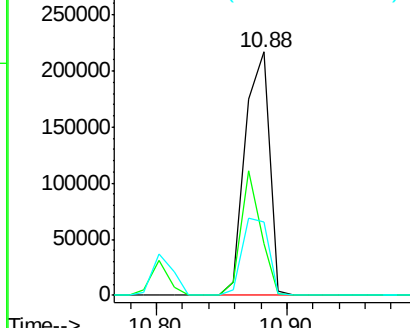
Tot Ion	Ratio	Resp	Lower	Upper
284	100	281668		
142	21.3	22.6	33.8#	
249	29.9	25.4	38.0	

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



#68

Atrazine

Concen: 35.81 ng

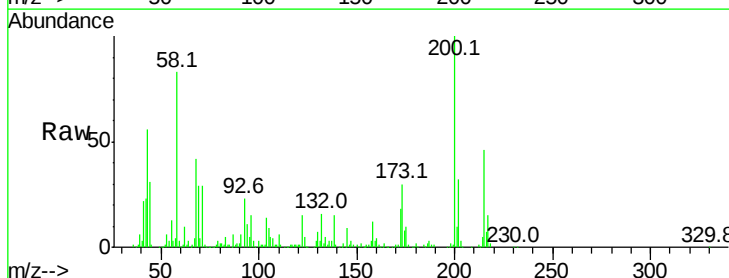
RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

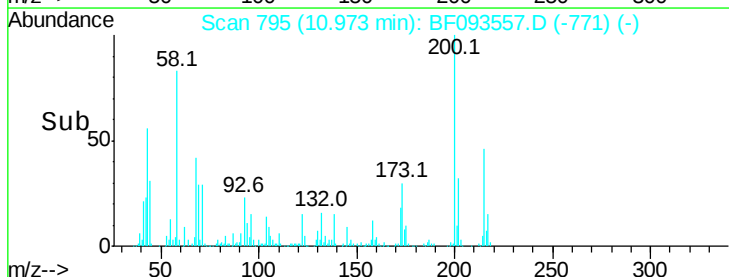
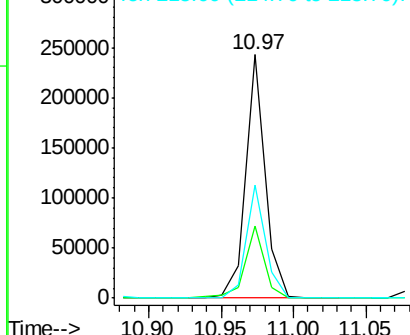
Lab File: BF093557.D

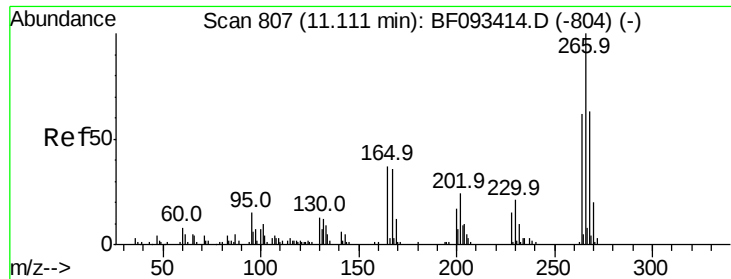
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	226211		
173	29.7	9.6	49.6	
215	46.2	25.7	65.7	



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





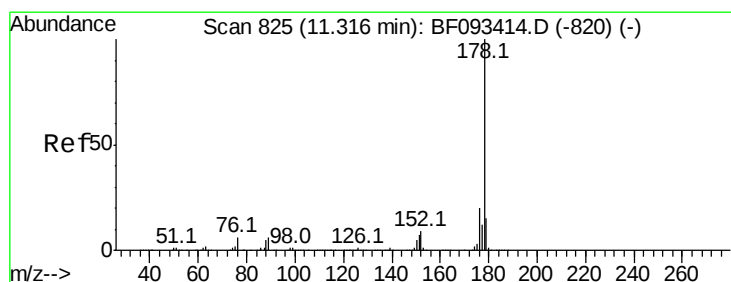
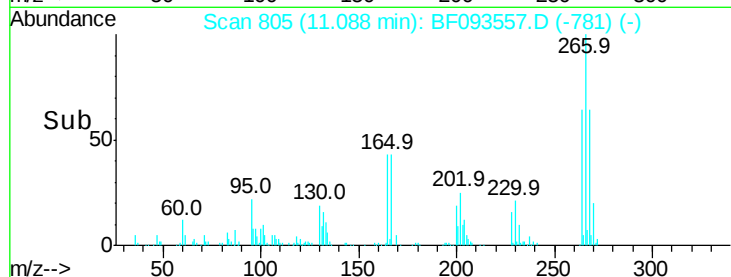
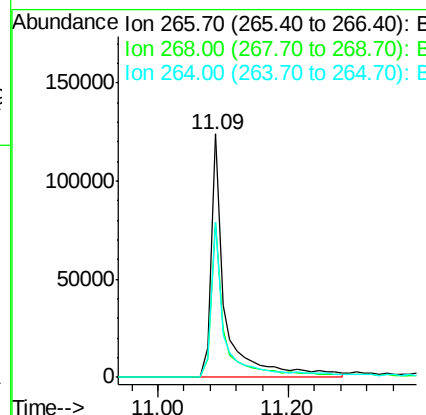
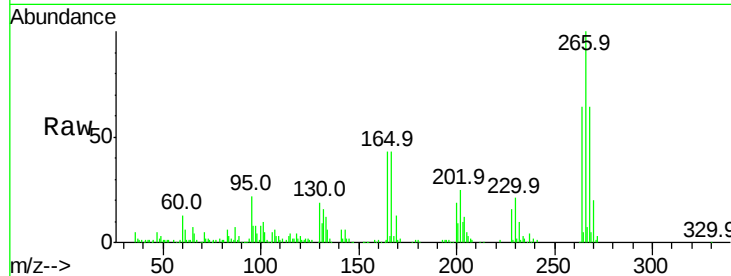
#69
 Pentachlorophenol
 Concen: 82.72 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	186388		
268	63.8	53.3	79.9	
264	63.5	50.3	75.5	

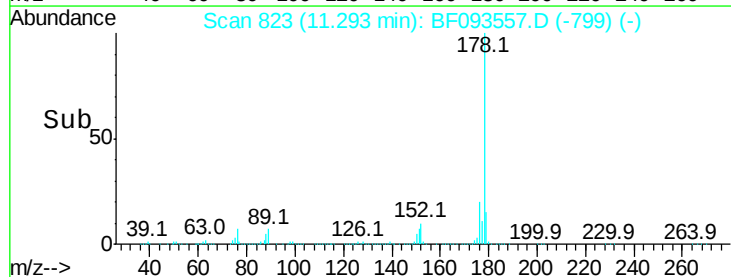
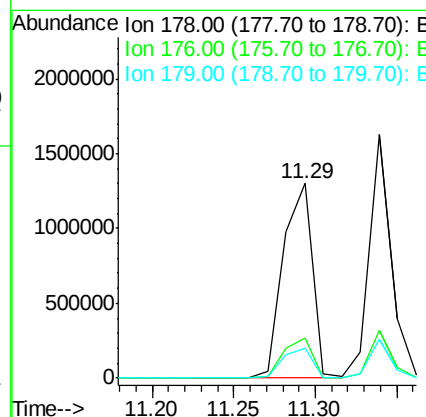
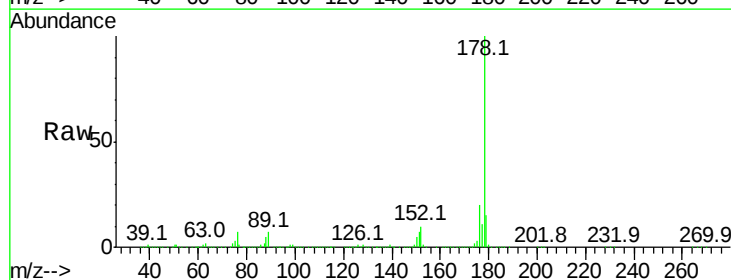
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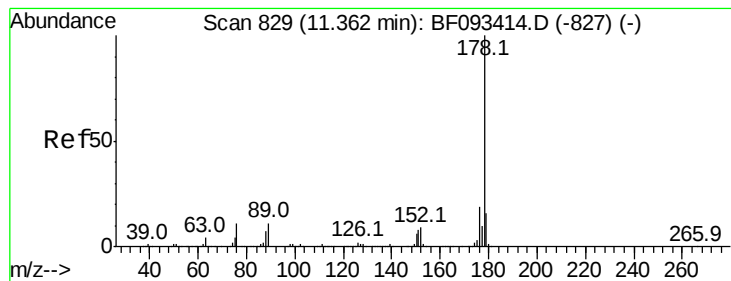
mohammad
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#70
 Phenanthrene
 Concen: 44.08 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1626183		
176	20.3	16.6	25.0	
179	15.1	12.8	19.2	





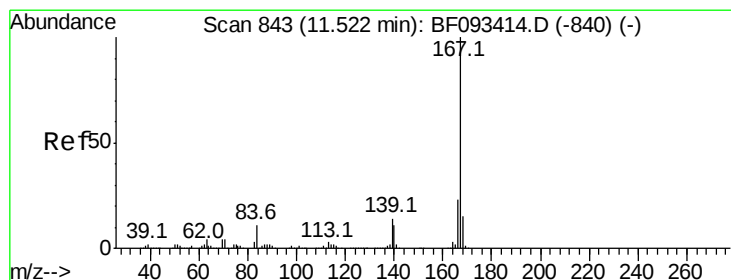
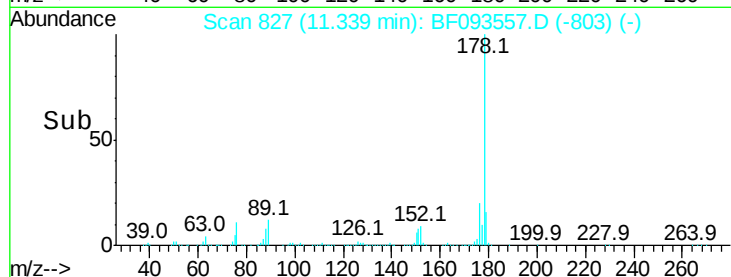
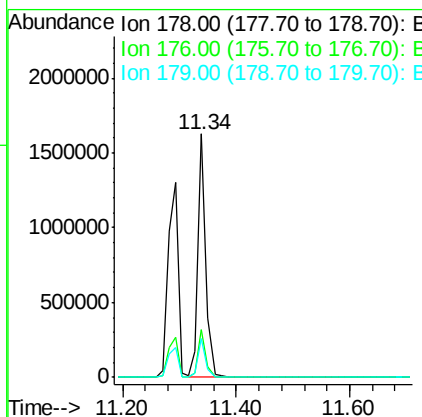
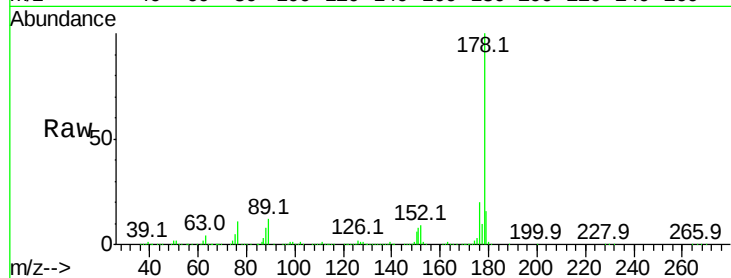
#71
 Anthracene
 Concen: 41.46 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMSD

Tot Ion:178 Resp: 1547275
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.8 13.2 19.8

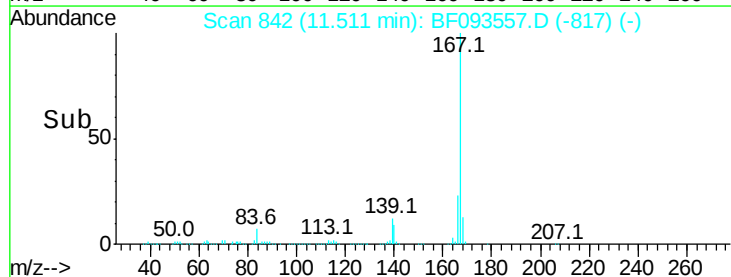
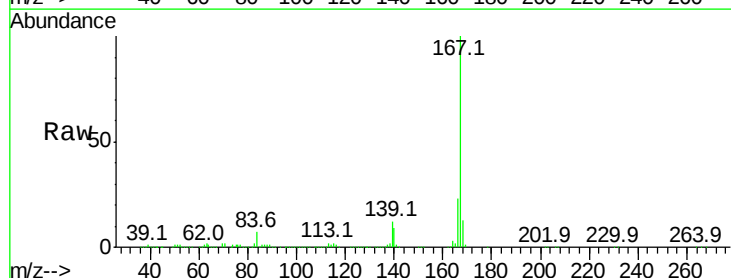
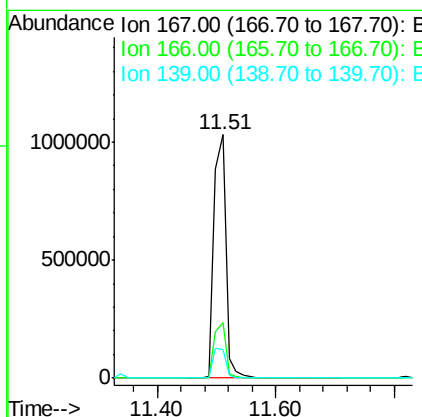
Manual Integrations
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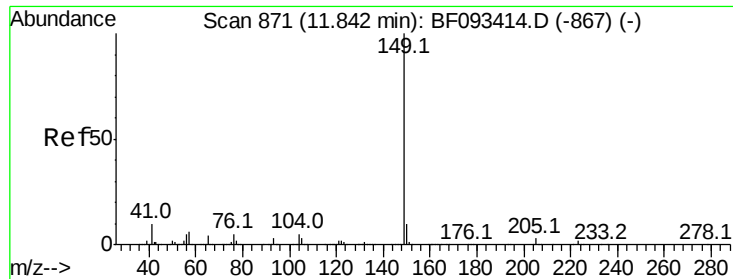
mohammad
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#72
 Carbazole
 Concen: 40.39 ng
 RT: 11.51 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:167 Resp: 1416148
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 11.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.48 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

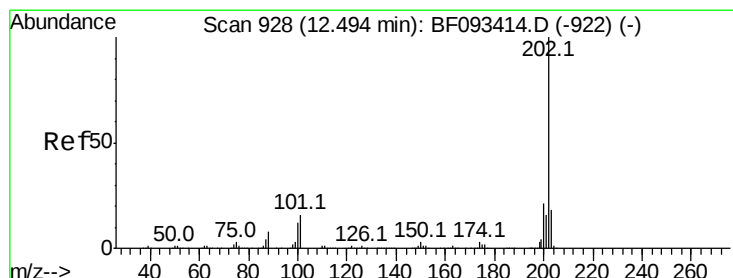
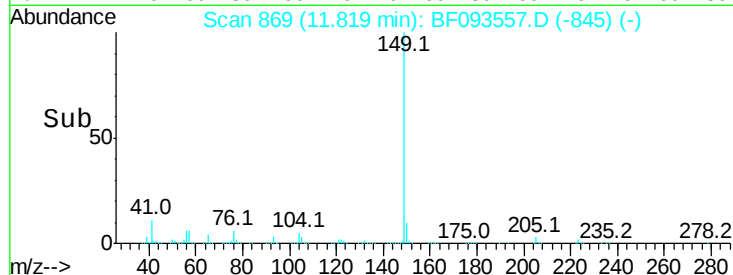
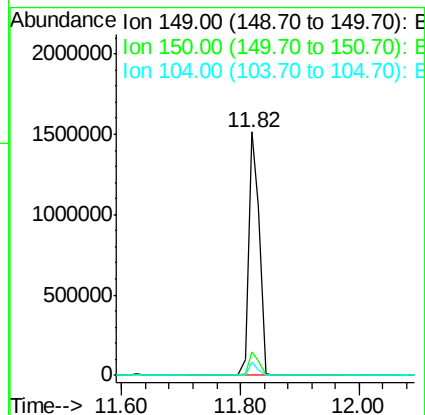
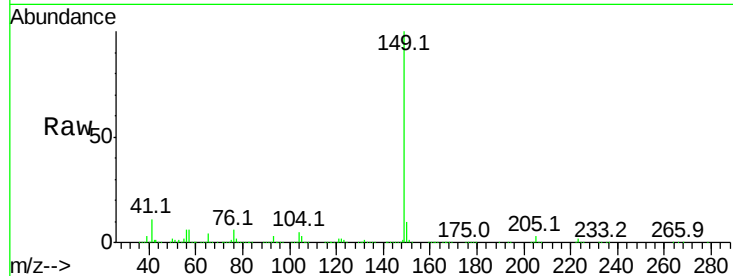
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:	149	Resp:	1844694
Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	5.3	4.6	7.0

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#74

Fluoranthene

Concen: 45.05 ng

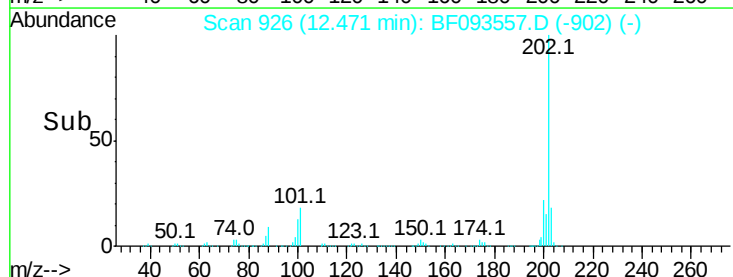
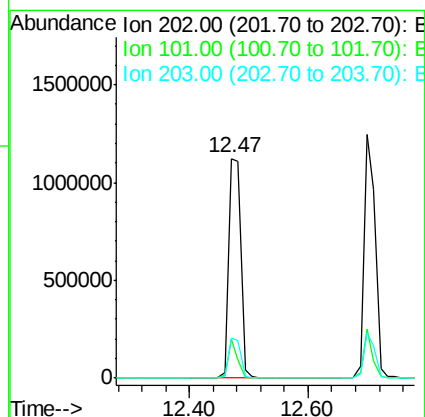
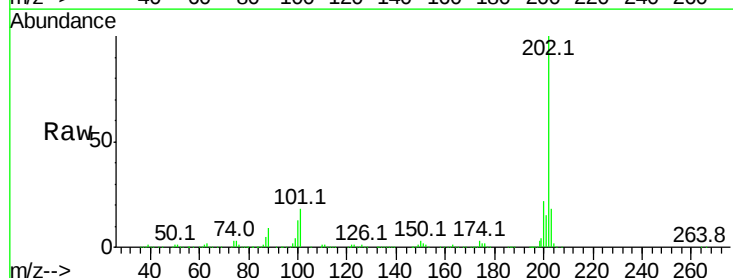
RT: 12.47 min Scan# 926

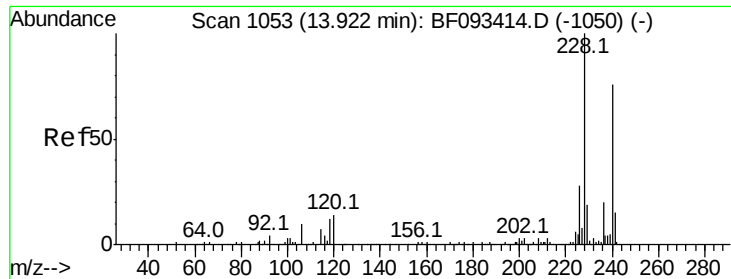
Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:	202	Resp:	1605474
Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	34.6
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

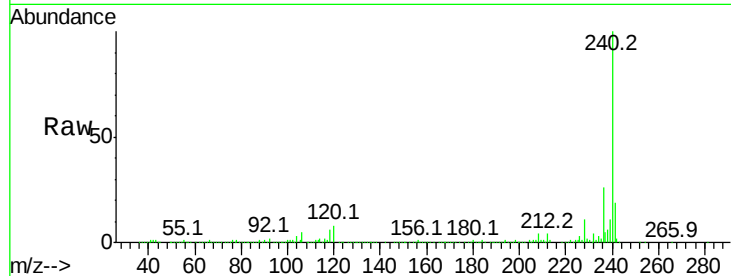
ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	12.9	19.3#
236	25.9	20.9	31.3

Manual Integrations
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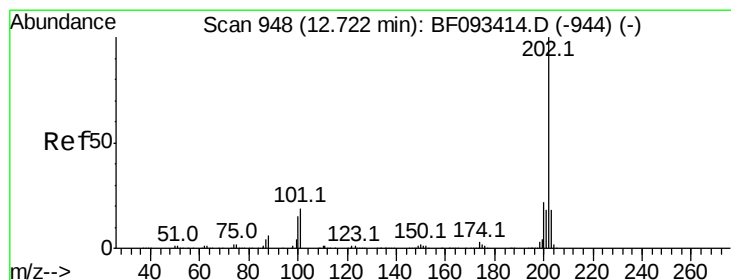
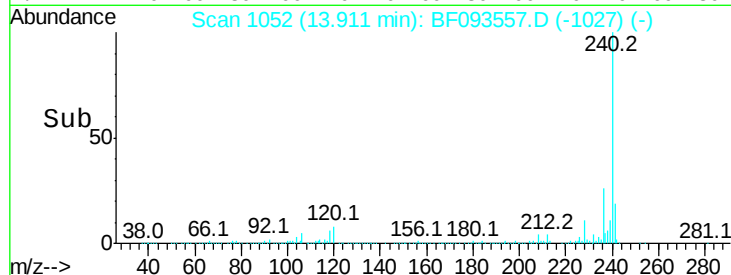
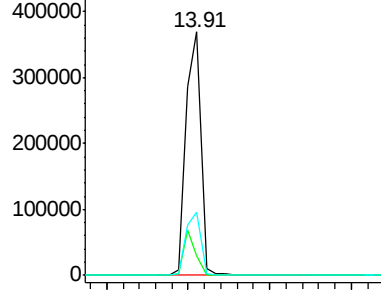
mohammad
3/13/2017 5:50:43 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 47.05 ng

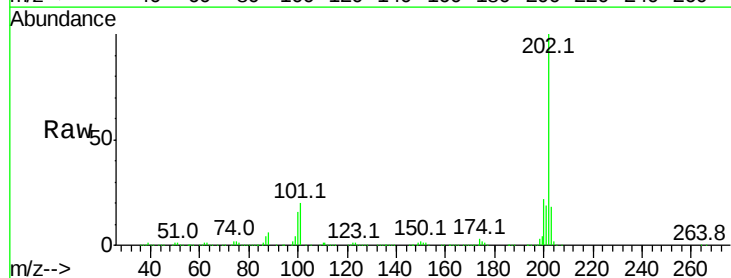
RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

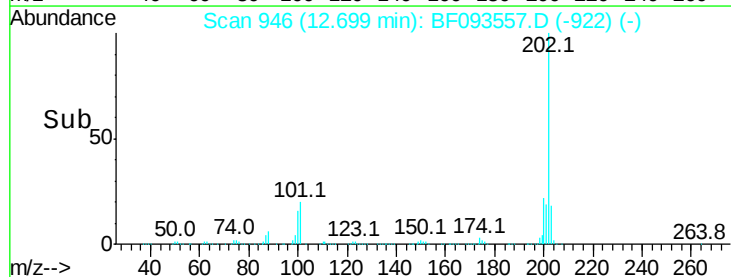
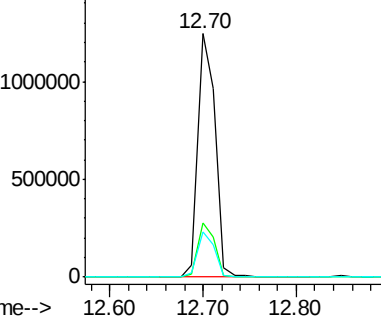
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.4	14.7	22.1

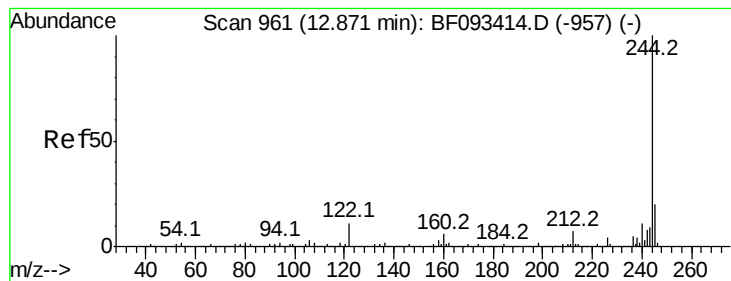


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.50 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:244 Resp: 1688437

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

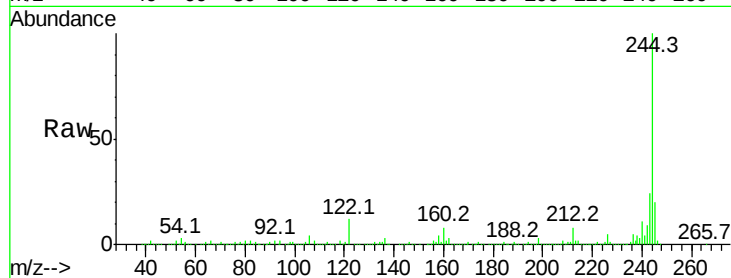
122 11.7 11.4 17.2

Manual Integrations

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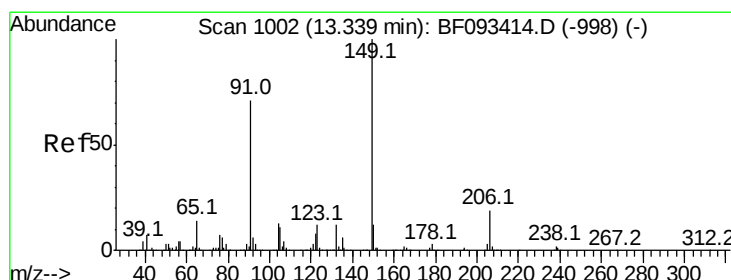
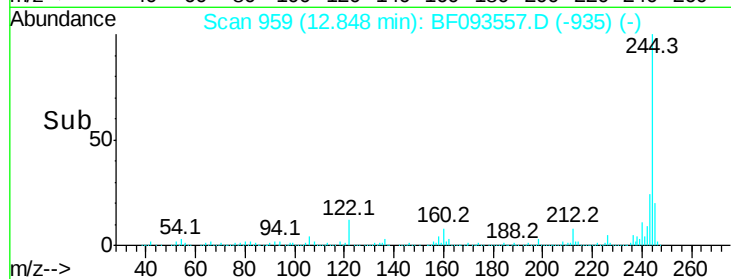
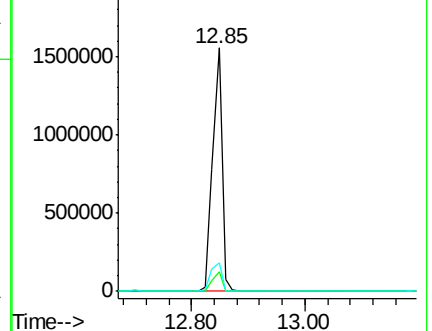
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 53.74 ng

RT: 13.32 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

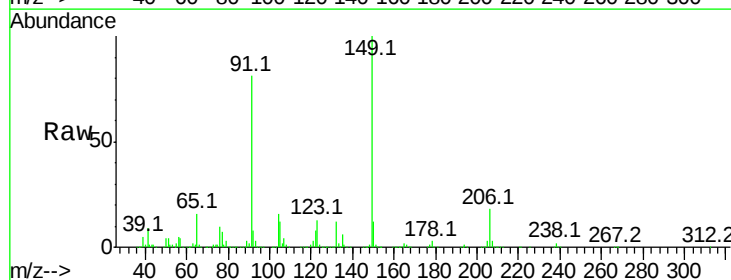
Tgt Ion:149 Resp: 772408

Ion Ratio Lower Upper

149 100

91 81.1 63.9 95.9

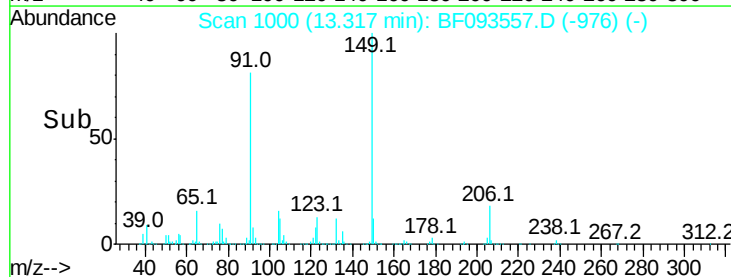
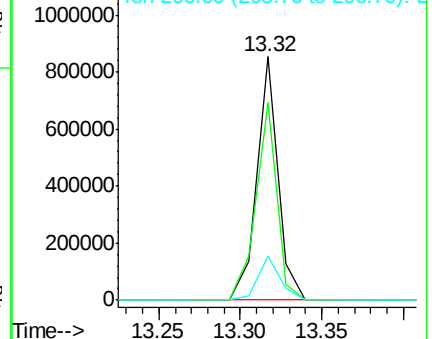
206 18.2 14.6 21.8

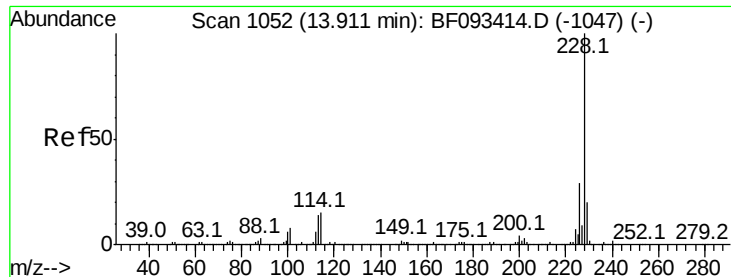


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





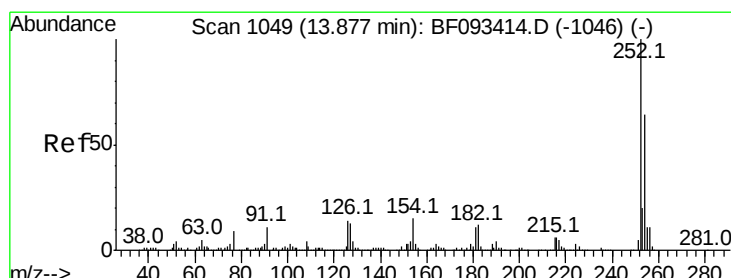
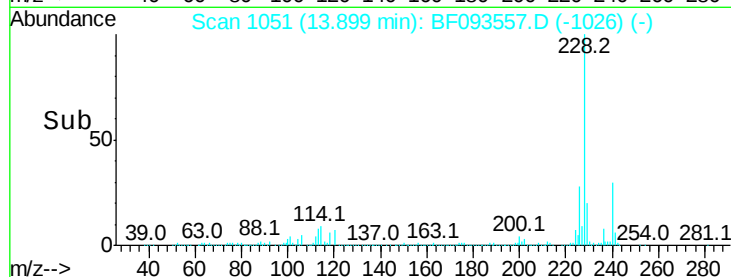
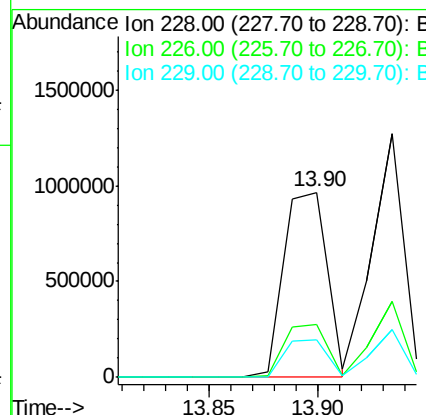
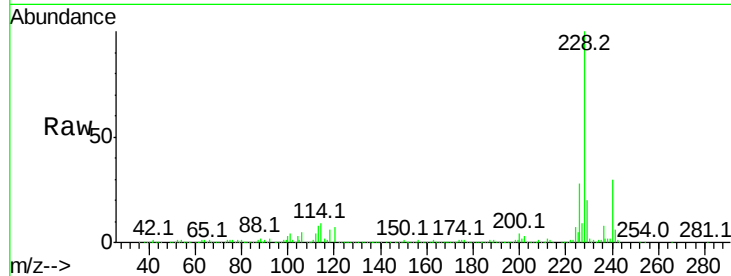
#80
Benzo(a)anthracene
Concen: 48.59 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion:228 Resp: 1347067
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.1 16.2 24.4

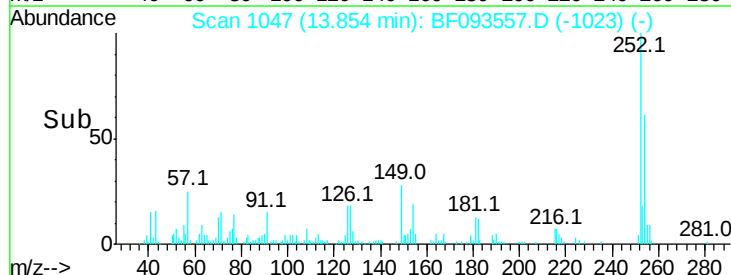
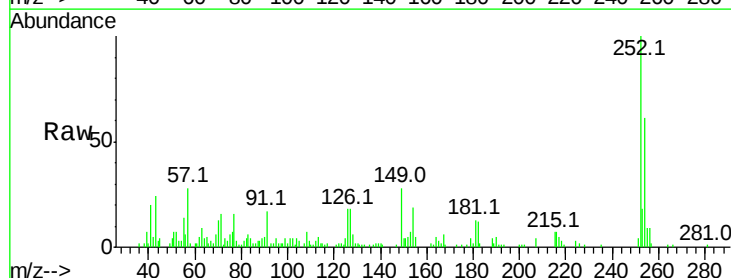
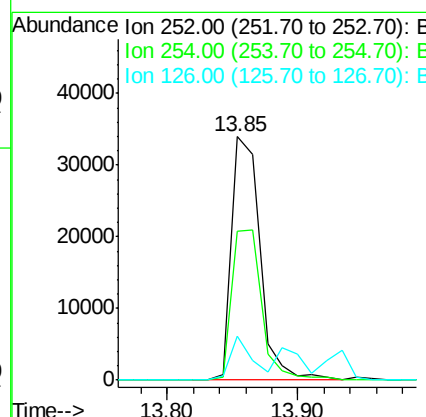
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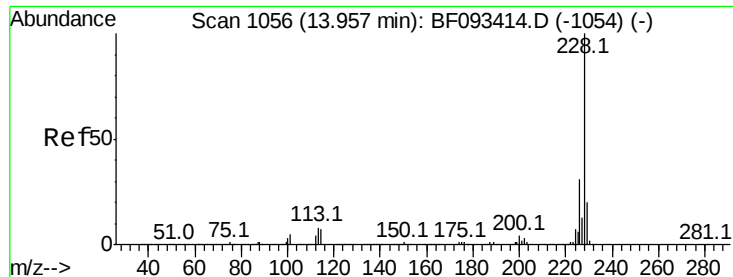
mohammad
3/13/2017 5:50:43 PM



#81
3,3'-Dichlorobenzidine
Concen: 5.29 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:252 Resp: 51346
Ion Ratio Lower Upper
252 100
254 61.1 52.3 78.5
126 18.1 13.6 20.4





#82

Chrysene

Concen: 51.16 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMSD

Tot Ion:228 Resp: 1312298

Ion Ratio Lower Upper

228 100

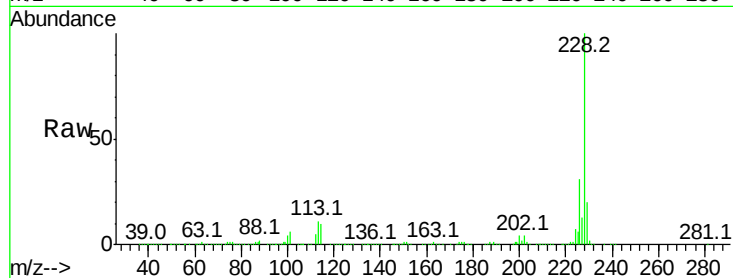
226 31.4 25.4 38.0

229 19.7 16.2 24.2

Manual Integrations
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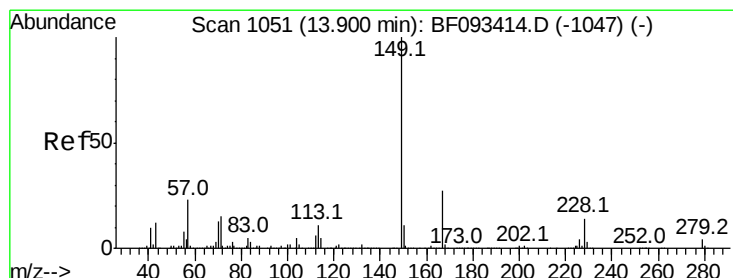
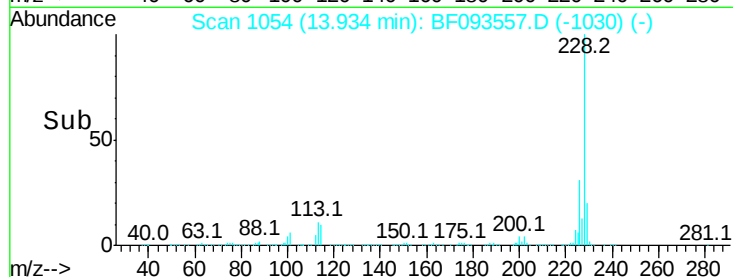
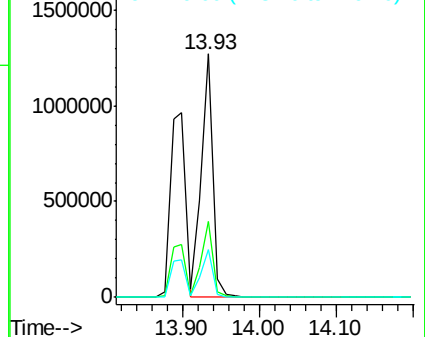
3/13/2017 5:50:43 PM



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: 57.53 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

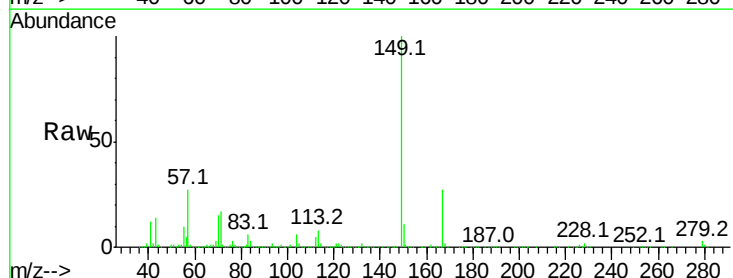
Tgt Ion:149 Resp: 1152648

Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

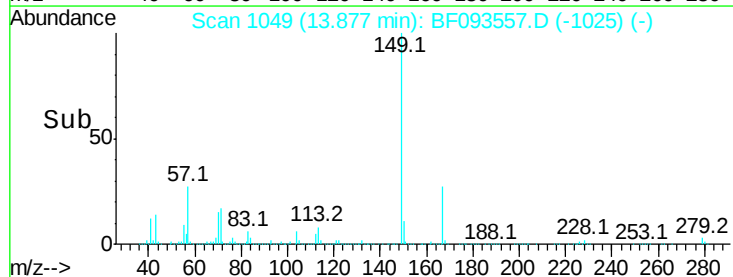
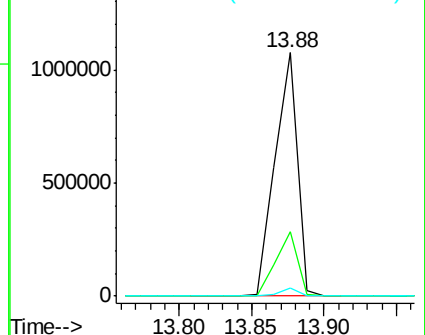
279 3.4 1.8 2.8#

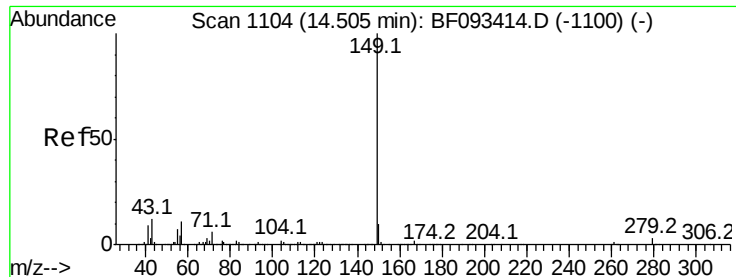


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





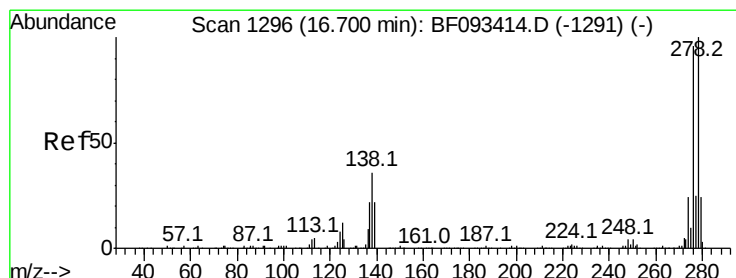
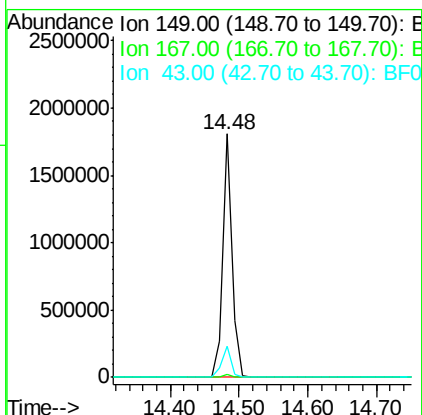
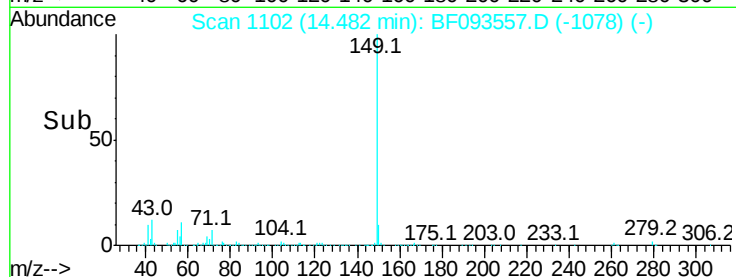
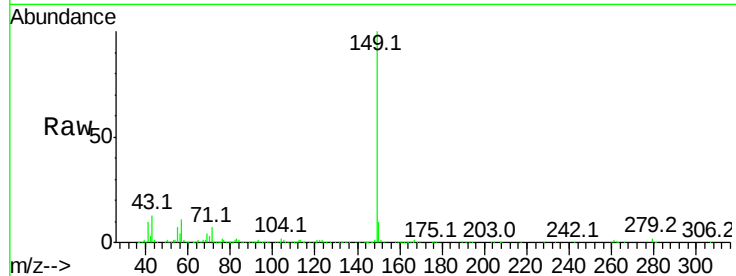
#84
Di-n-octyl phthalate
Concen: 52.00 ng
RT: 14.48 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.8	8.9	13.3

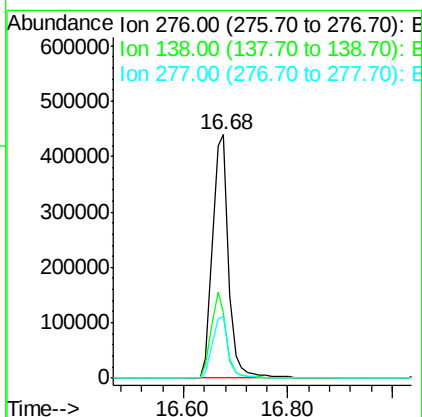
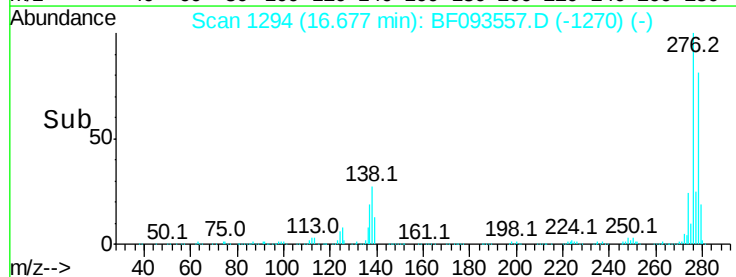
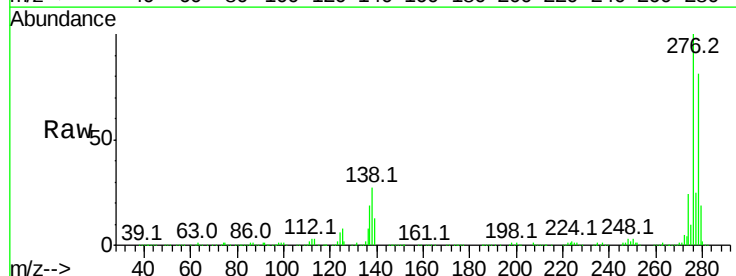
Manual Integrations
APPROVED

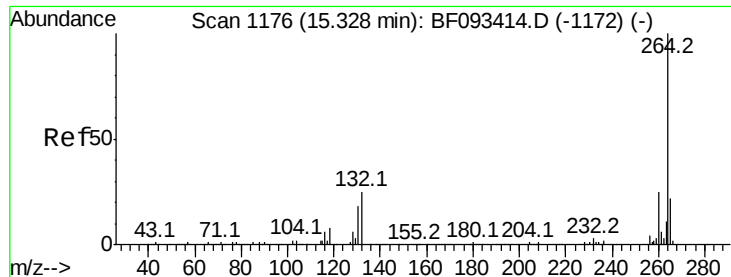
mohammad
3/13/2017 5:50:43 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.13 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.3	20.2	30.4





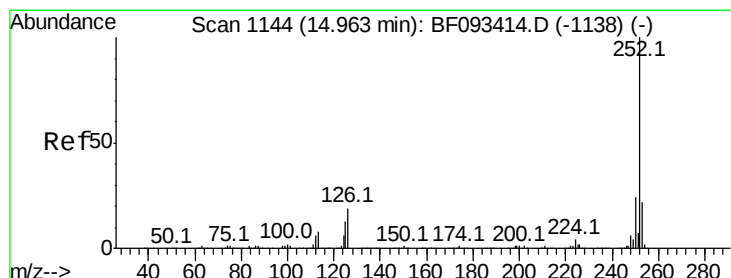
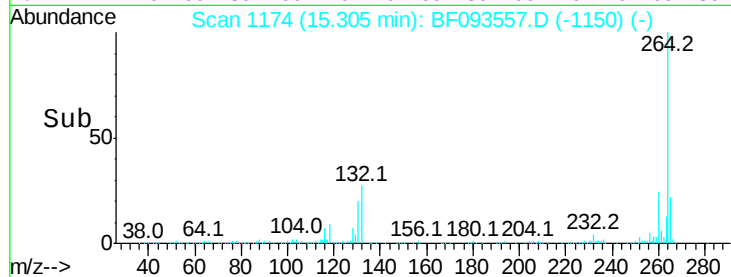
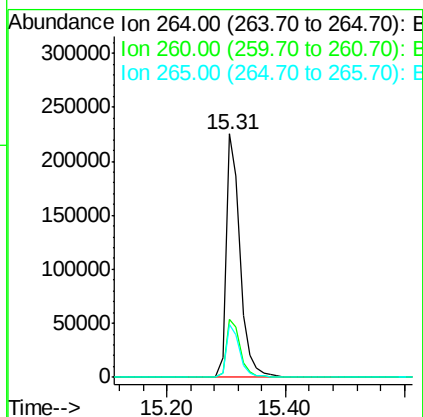
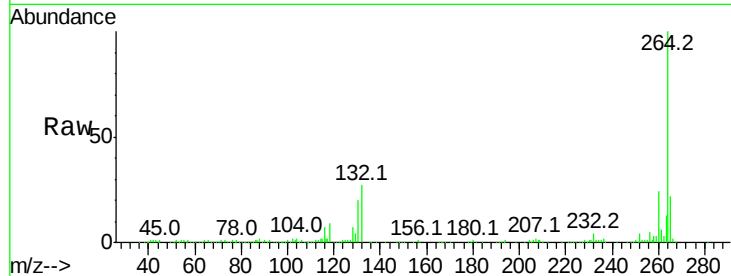
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0

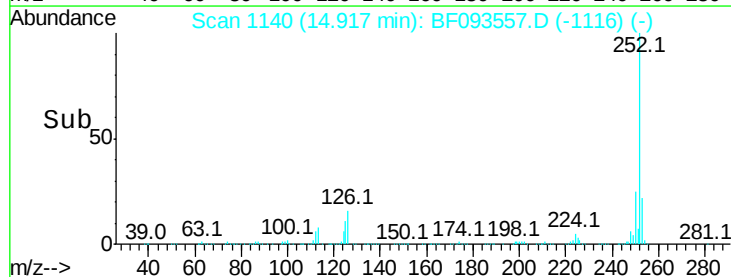
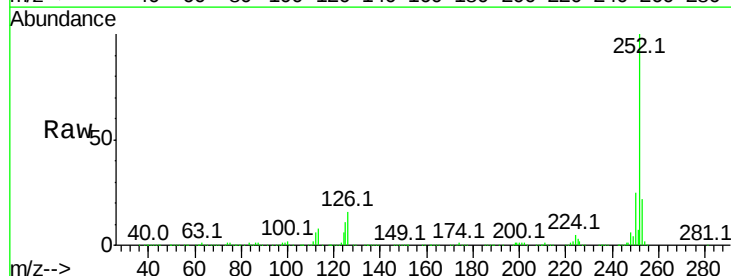
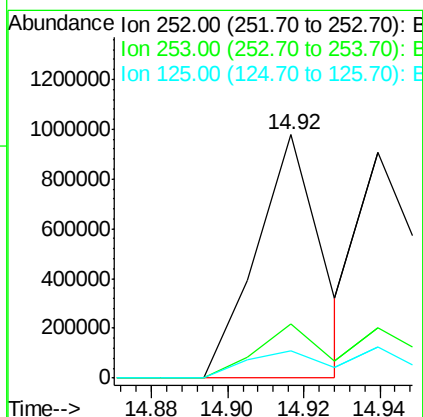
Manual Integrations
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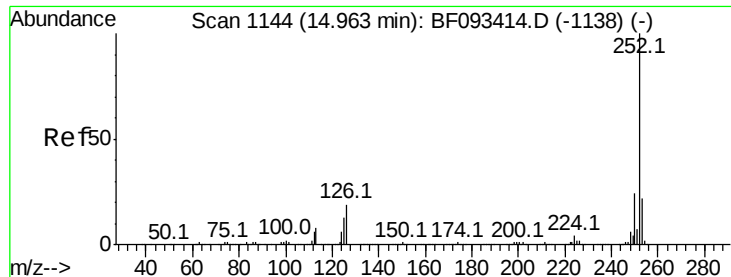
mohammad
3/13/2017 5:50:43 PM



#87
Benzo(b)fluoranthene
Concen: 52.30 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.3	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 47.91 ng m

RT: 14.94 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :
BNA_F

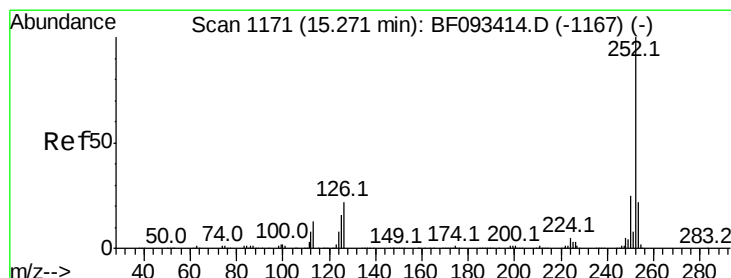
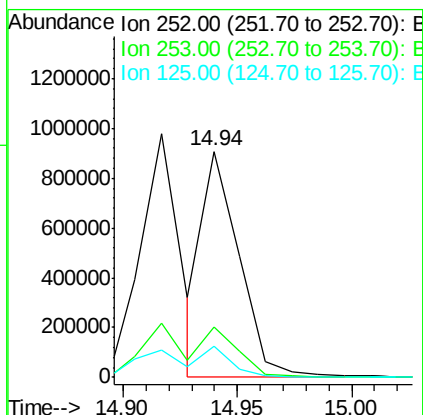
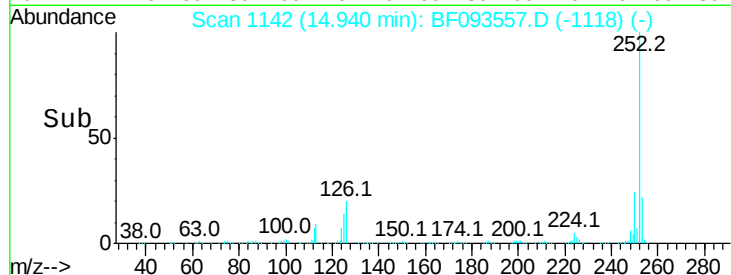
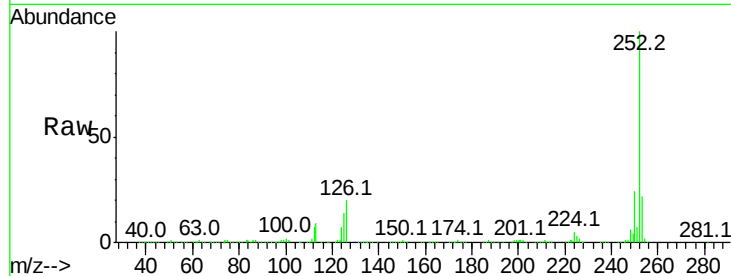
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion:252 Resp: 1022272

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	13.9	8.9	13.3

Manual Integrations
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mohammad
3/13/2017 5:50:43 PM



#89

Benzo(a)pyrene

Concen: 50.46 ng

RT: 15.26 min Scan# 1170

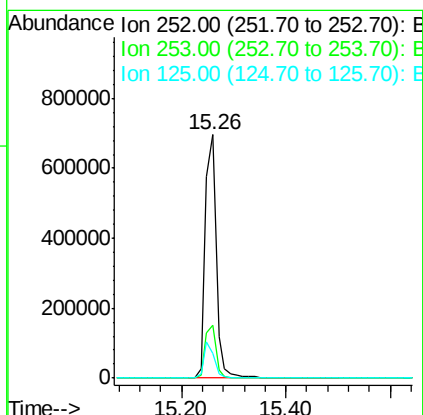
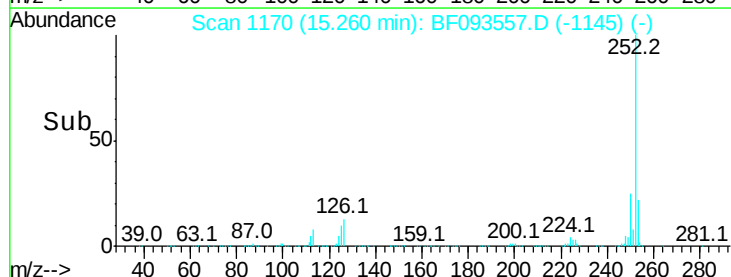
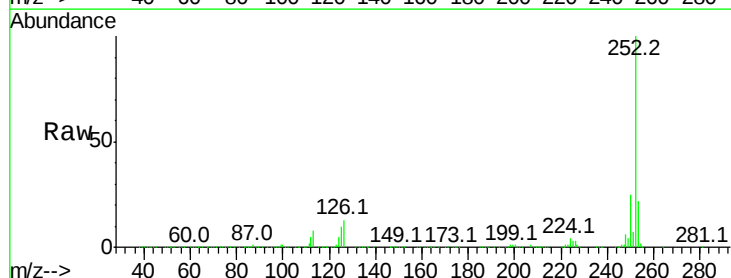
Delta R.T. -0.01 min

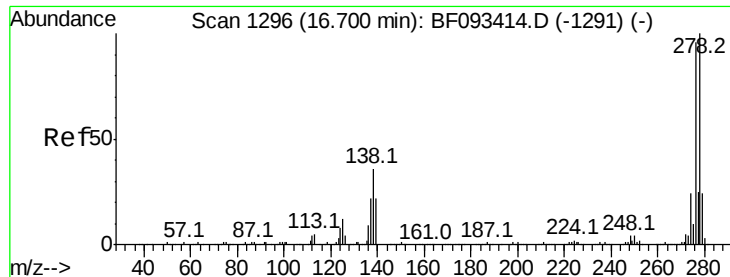
Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:252 Resp: 1020497

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.1	10.0	15.0





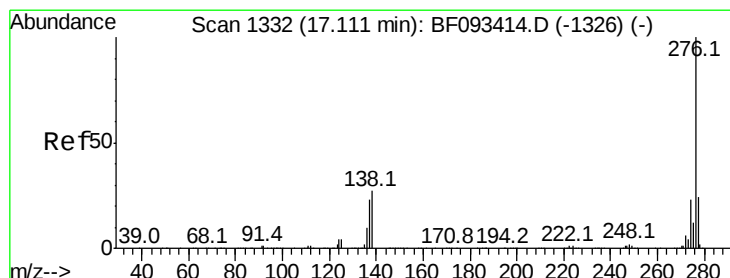
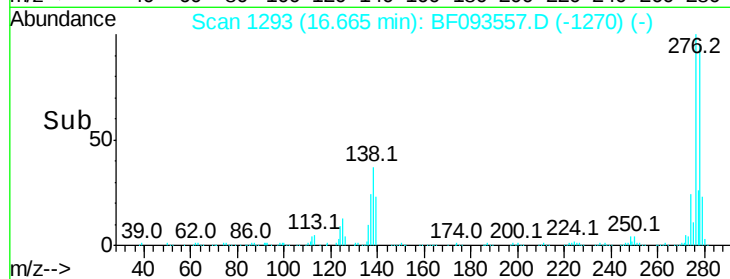
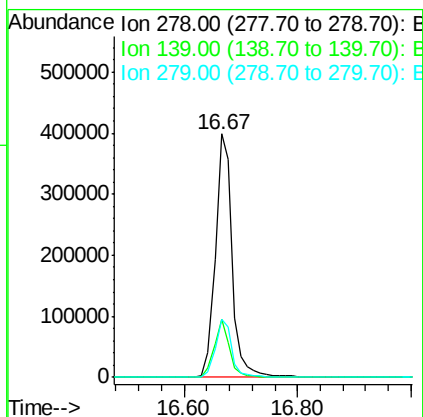
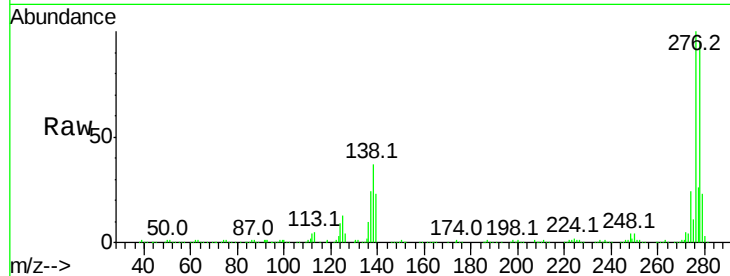
#90
Dibenzo(a,h)anthracene
Concen: 48.50 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.8	14.8	22.2#
279	24.0	19.8	29.6

Manual Integrations
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mohammad
3/13/2017 5:50:43 PM



#91
Benzo(g,h,i)perylene
Concen: 47.43 ng
RT: 17.08 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	26.8	16.0	24.0#

