

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092535.D
 Acq On : 26 Jan 2017 20:04
 Operator : SJ/MA
 Sample : PB96342BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:03:04 PM

Quant Time: Jan 27 01:21:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158959	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	655850	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	358994	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	601635	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	493763	20.00	ng	0.00
86) Perylene-d12	15.64	264	401177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1396785	136.71	ng	0.03
7) Phenol-d6	6.60	99	1616485	124.21	ng	0.01
23) Nitrobenzene-d5	7.54	82	1059450	88.24	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	384329	157.10	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1932654	99.55	ng	0.00
78) Terphenyl-d14	13.11	244	1680725	90.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	199980	36.80	ng	# 83
3) Pyridine	3.47	79	588705	38.06	ng	89
4) n-Nitrosodimethylamine	3.42	42	304515	40.13	ng	86
6) Aniline	6.64	93	393698	20.28	ng	# 43
8) 2-Chlorophenol	6.76	128	489628	45.62	ng	89
9) Benzaldehyde	6.51	77	236293	25.59	ng	87
10) Phenol	6.61	94	691830	44.04	ng	# 73
11) bis(2-Chloroethyl)ether	6.70	93	466570	39.70	ng	92
12) 1,3-Dichlorobenzene	6.91	146	525960m	41.44	ng	
13) 1,4-Dichlorobenzene	6.99	146	554078	43.38	ng	96
14) 1,2-Dichlorobenzene	7.15	146	503265m	41.53	ng	
15) Benzyl Alcohol	7.12	79	490461	50.01	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	915868	39.39	ng	92
17) 2-Methylphenol	7.23	107	456632	49.80	ng	94
18) Hexachloroethane	7.49	117	193982	44.08	ng	92
19) n-Nitroso-di-n-propylamine	7.39	70	355210	40.08	ng	94
20) 3+4-Methylphenols	7.38	107	481709	43.30	ng	93
22) Acetophenone	7.39	105	710379	45.48	ng	# 94
24) Nitrobenzene	7.56	77	596607	47.43	ng	# 90
25) Isophorone	7.80	82	1039511	43.94	ng	97
26) 2-Nitrophenol	7.88	139	289523	54.93	ng	# 84
27) 2,4-Dimethylphenol	7.92	122	514863	46.97	ng	96
28) bis(2-Chloroethoxy)methane	8.01	93	634898	40.88	ng	99
29) 2,4-Dichlorophenol	8.12	162	463773	48.80	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	455015	44.30	ng	95
31) Naphthalene	8.29	128	1425454	42.47	ng	99
32) Benzoic acid	8.04	122	368313	45.25	ng	97
33) 4-Chloroaniline	8.33	127	151695	10.68	ng	94
34) Hexachlorobutadiene	8.41	225	245611	43.72	ng	99
35) Caprolactam	8.72	113	153040m	48.22	ng	
36) 4-Chloro-3-methylphenol	8.82	107	467451	45.61	ng	99
37) 2-Methylnaphthalene	8.99	142	991329	46.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	414837	45.81	ng	99
40) Hexachlorocyclopentadiene	9.14	237	427046	94.17	ng	96

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	357016	51.46	nq	93
43) 2,4,5-Trichlorophenol	9.31	196	298389	47.00	nq #	83
45) 1,1'-Biphenyl	9.45	154	1165640	44.92	nq	96
46) 2-Chloronaphthalene	9.48	162	937817	44.25	nq	96
47) 2-Nitroaniline	9.57	65	348752	48.86	nq	89
48) Acenaphthylene	9.89	152	1417495	45.60	nq	99
49) Dimethylphthalate	9.76	163	1136848	49.80	nq	99
50) 2,6-Dinitrotoluene	9.81	165	235282	50.42	nq #	82
51) Acenaphthene	10.06	154	928475	48.06	nq	97
52) 3-Nitroaniline	9.98	138	123748	21.18	nq	80
53) 2,4-Dinitrophenol	10.09	184	224615	75.25	nq #	63
54) Dibenzofuran	10.24	168	1239155	47.24	nq	97
55) 4-Nitrophenol	10.14	139	398010	85.76	nq	95
56) 2,4-Dinitrotoluene	10.22	165	364876	58.91	nq #	72
57) Fluorene	10.58	166	911240	46.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	257355m	54.11	nq	
59) Diethylphthalate	10.45	149	1007580	46.03	nq	99
60) 4-Chlorophenyl-phenylether	10.58	204	450489	47.76	nq #	72
61) 4-Nitroaniline	10.60	138	246416	42.16	nq	93
62) Azobenzene	10.74	77	1241926	49.86	nq	89
64) 4,6-Dinitro-2-methylphenol	10.64	198	179045	54.48	nq	80
65) n-Nitrosodiphenylamine	10.69	169	853818	45.44	nq	100
66) 4-Bromophenyl-phenylether	11.07	248	273266	44.99	nq #	75
67) Hexachlorobenzene	11.13	284	260612	42.44	nq #	81
68) Atrazine	11.22	200	261935	40.73	nq	99
69) Pentachlorophenol	11.32	266	316177	80.54	nq	97
70) Phenanthrene	11.55	178	1543070	46.57	nq	99
71) Anthracene	11.60	178	1385236	42.78	nq	99
72) Carbazole	11.76	167	1486499	48.08	nq	97
73) Di-n-butylphthalate	12.09	149	1716127	48.55	nq #	95
74) Fluoranthene	12.74	202	1575666	48.62	nq	95
76) Benzidine	12.85	184	422211	23.03	nq	97
77) Pyrene	12.97	202	1562229	43.67	nq	99
79) Butylbenzylphthalate	13.59	149	768330	53.01	nq #	82
80) Benzo(a)anthracene	14.16	228	1211842	45.67	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	310082	30.78	nq	96
82) Chrysene	14.19	228	1116835	39.41	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	934492	51.20	nq #	95
84) Di-n-octyl phthalate	14.75	149	1660047	50.10	nq	99
85) Indeno(1,2,3-cd)pyrene	17.14	276	976256	46.56	nq	96
87) Benzo(b)fluoranthene	15.21	252	1354609m	52.60	nq	
88) Benzo(k)fluoranthene	15.24	252	781315m	36.48	nq	
89) Benzo(a)pyrene	15.59	252	1014629	46.57	nq	99
90) Dibenzo(a,h)anthracene	17.16	278	817183	46.38	nq	97
91) Benzo(g,h,i)perylene	17.59	276	796930	44.73	nq #	91

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

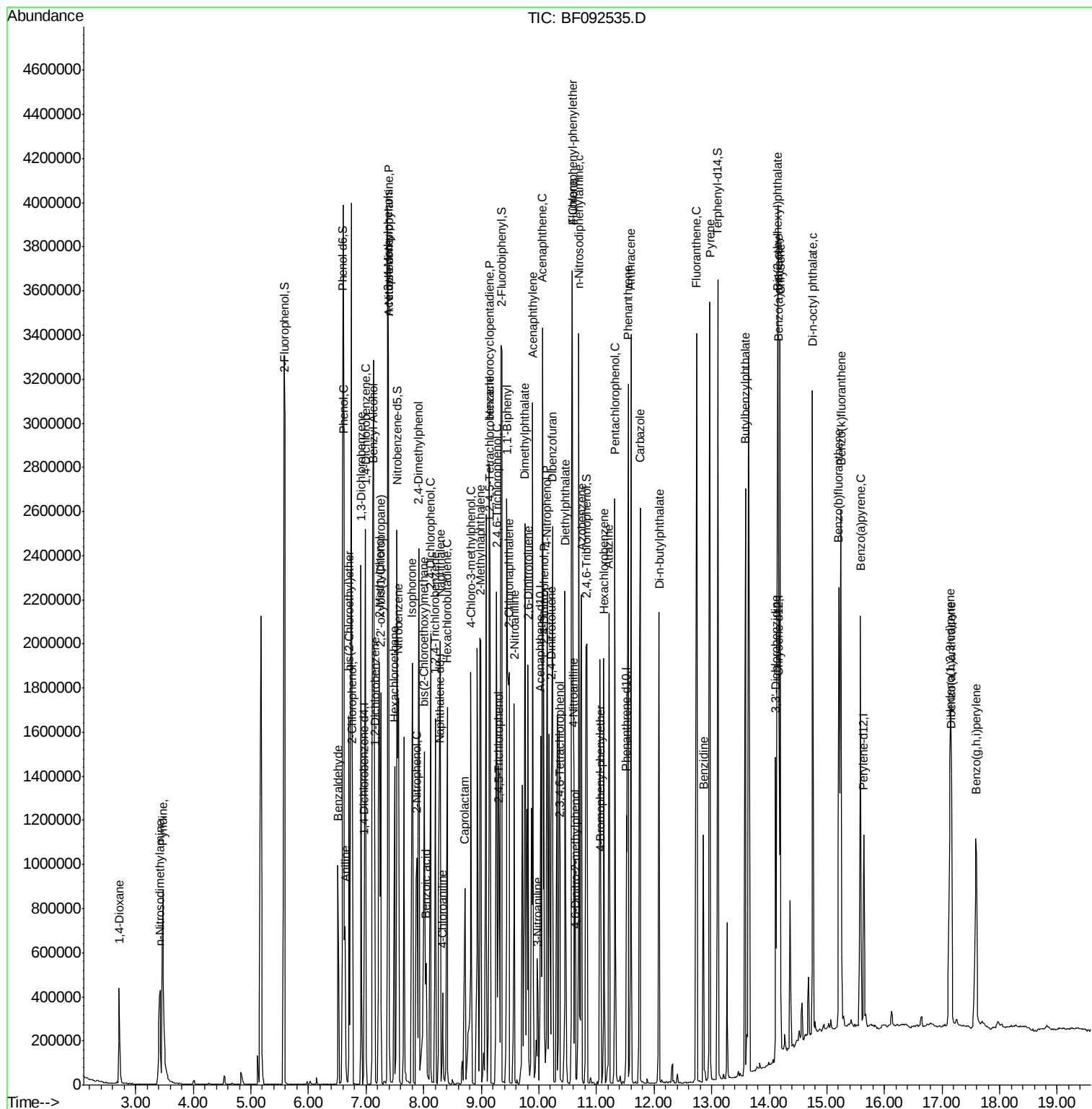
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\  
Data File : BF092535.D  
Acq On    : 26 Jan 2017   20:04  
Operator  : SJ/MA  
Sample    : PB96342BS  
Misc      :  
ALS Vial  : 24      Sample Multiplier: 1
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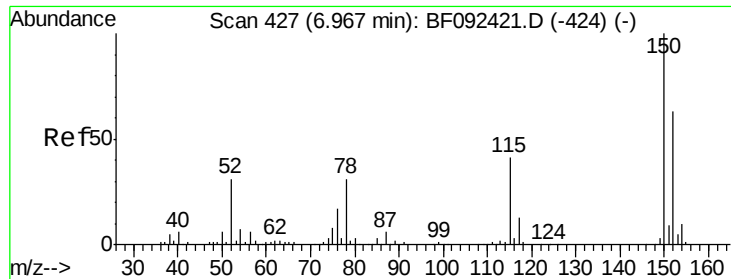
Instrument :
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#1

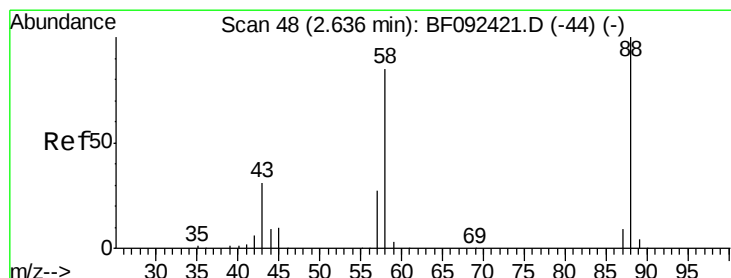
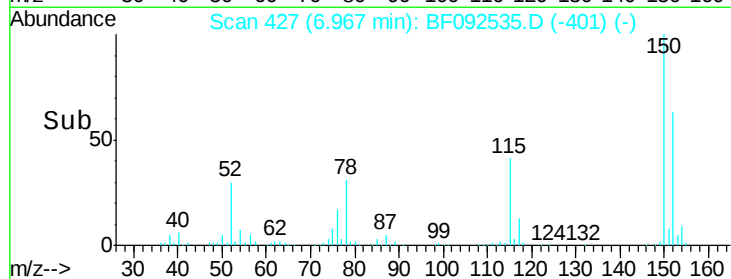
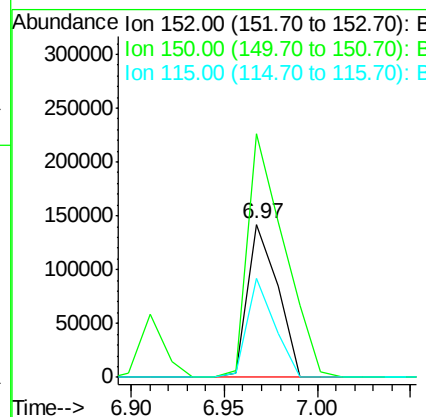
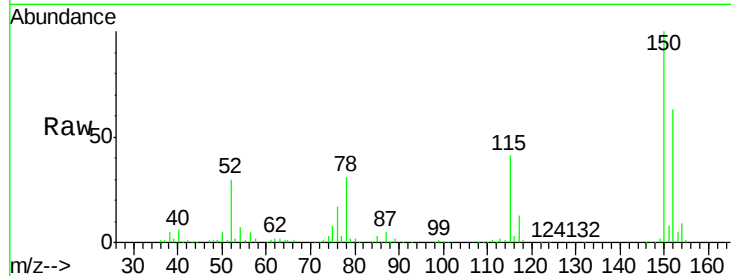
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB96342BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	64.8	46.0	69.0

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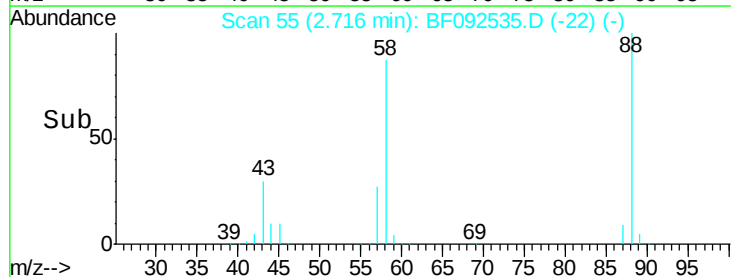
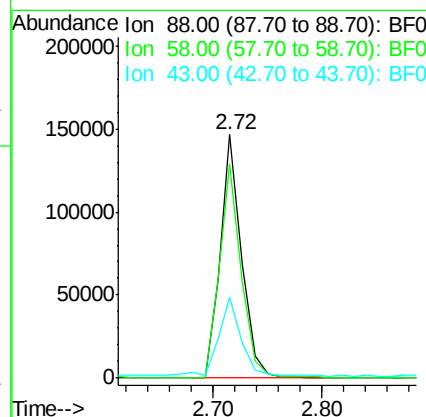
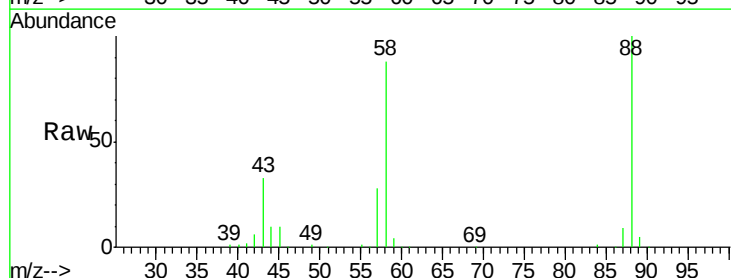
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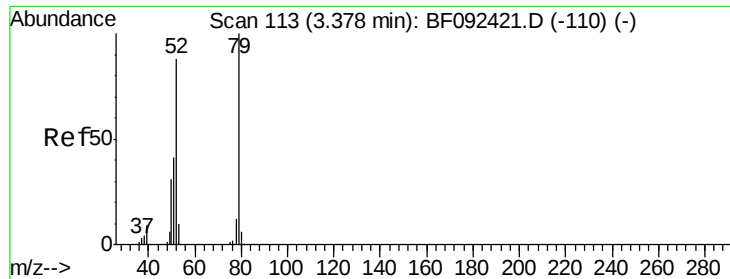


#2

1,4-Dioxane
Concen: 36.80 ng
RT: 2.72 min Scan# 55
Delta R.T. 0.08 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	57.8	86.8#
43	34.0	22.3	33.5#





#3

Pvridine

Concen: 38.06 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

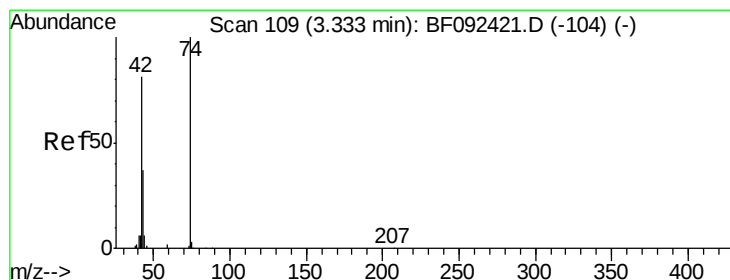
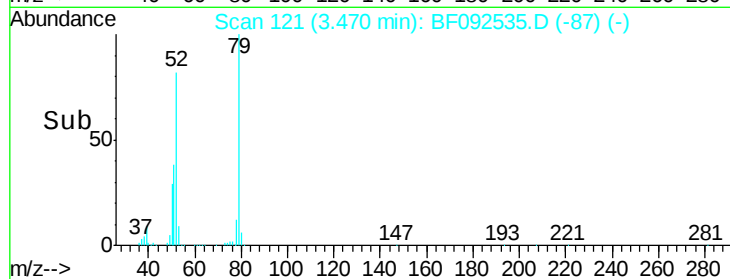
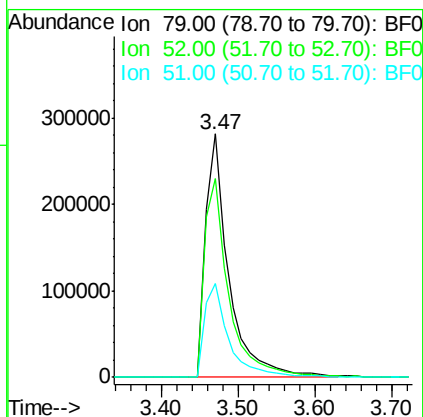
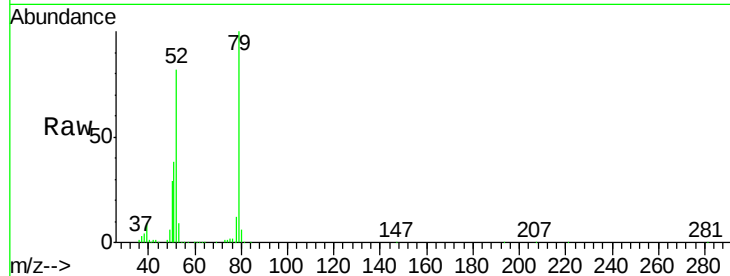
ClientSampleId :

PB96342BS

Tot Ion:	79	Resp:	588705
Ion Ratio	Lower	Upper	
79	100		
52	81.9	57.1	85.7
51	38.3	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.13 ng

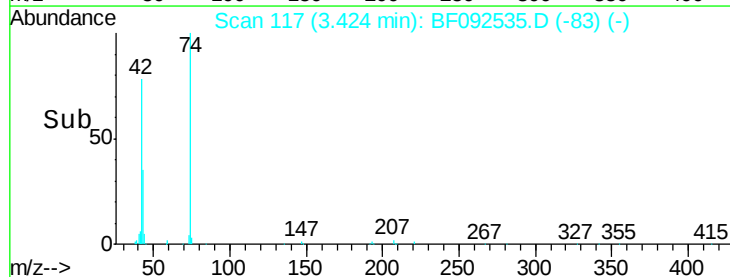
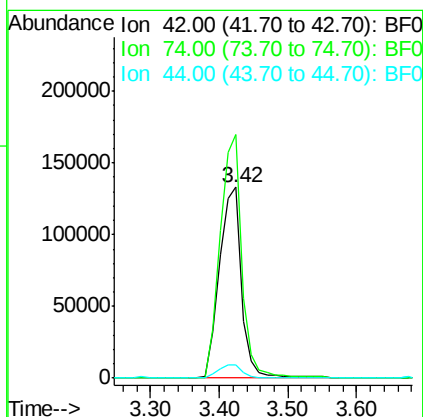
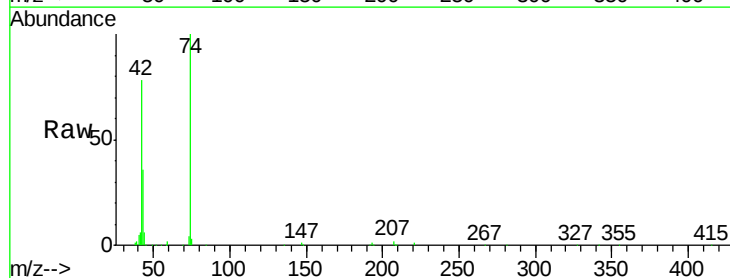
RT: 3.42 min Scan# 117

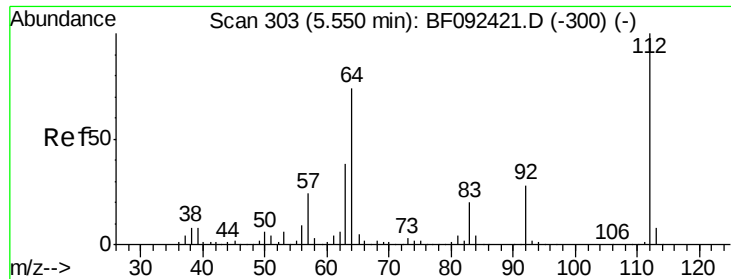
Delta R.T. 0.09 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion:	42	Resp:	304515
Ion Ratio	Lower	Upper	
42	100		
74	127.8	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 136.71 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96342BS

Tot Ion: 112 Resp: 1396785

Ion Ratio Lower Upper

112 100

64 52.3 46.1 69.1

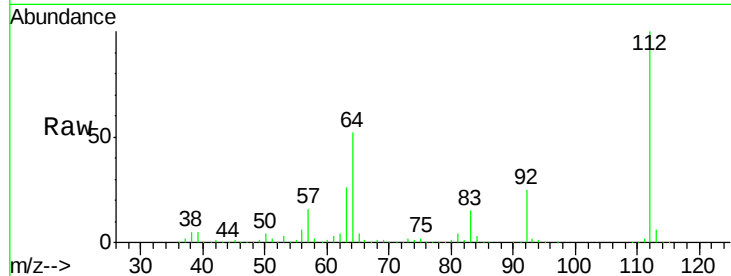
63 26.0 23.8 35.6

Manual Integrations

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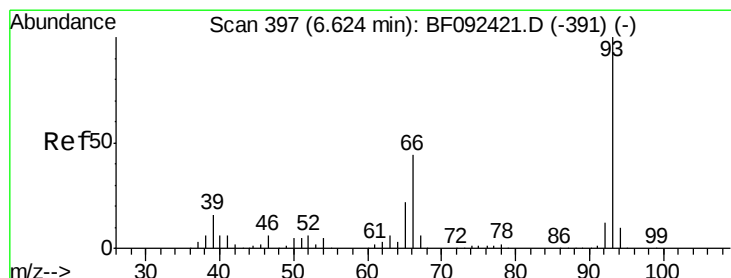
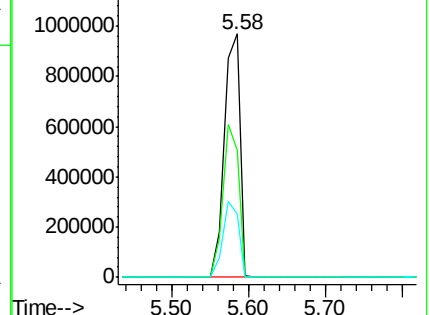
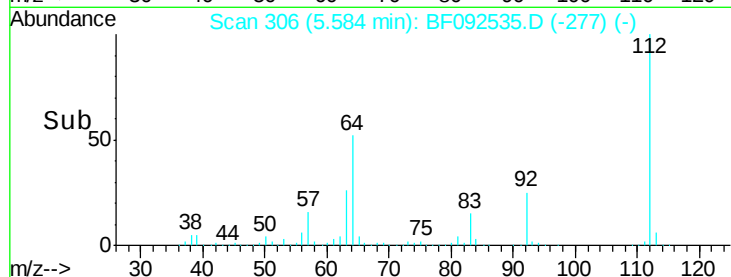
1/27/2017 3:03:04 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.28 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

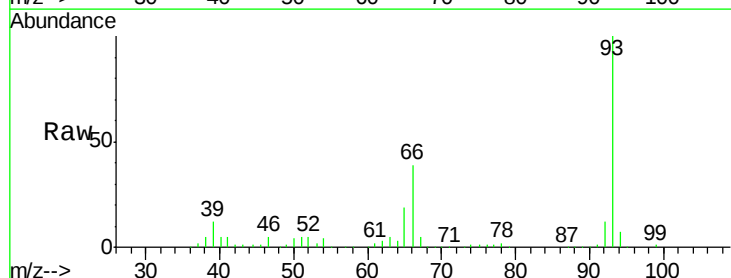
Tgt Ion: 93 Resp: 393698

Ion Ratio Lower Upper

93 100

66 38.5 76.2 114.2#

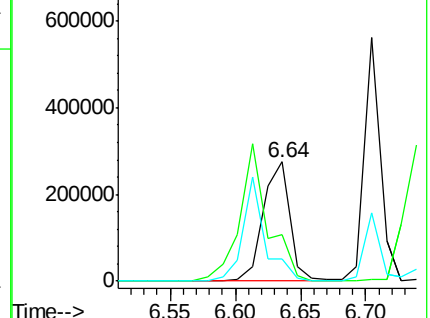
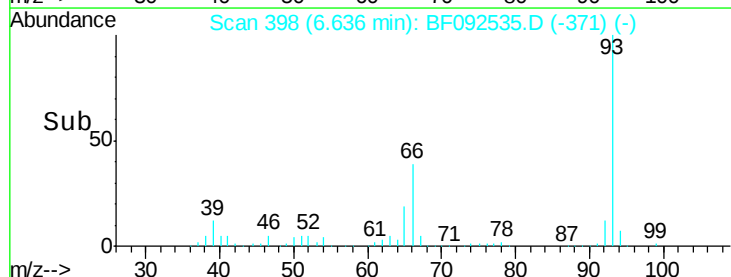
65 18.9 49.3 73.9#

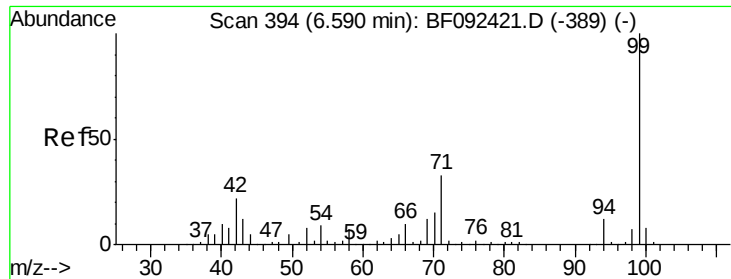


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.21 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96342BS

Tot Ion: 99 Resp: 1616485

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

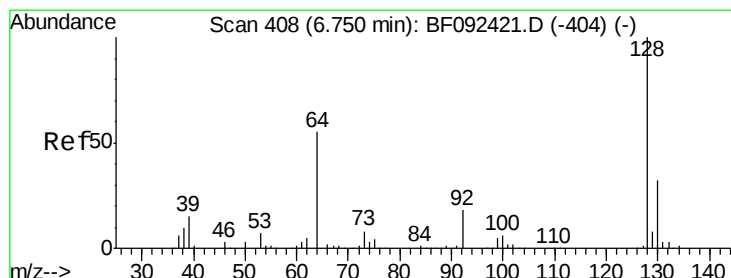
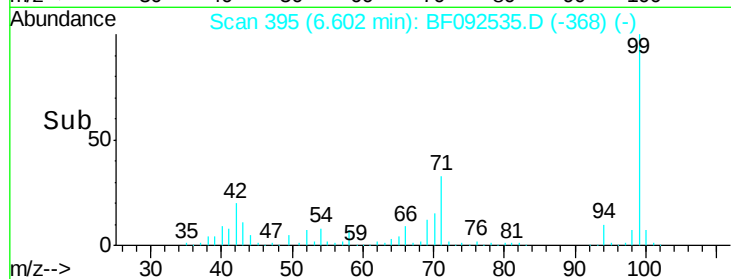
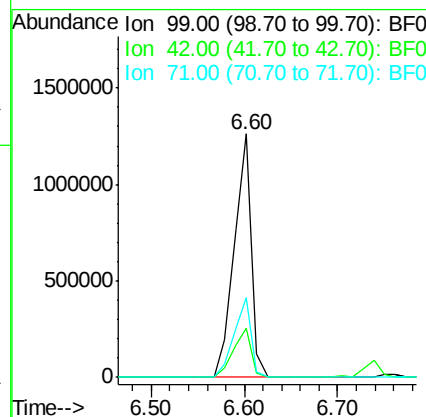
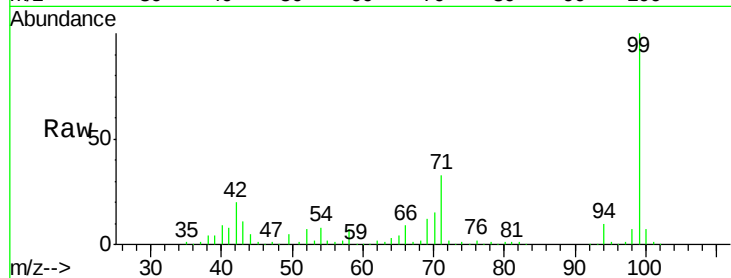
71 32.8 27.5 41.3

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#8

2-Chlorophenol

Concen: 45.62 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

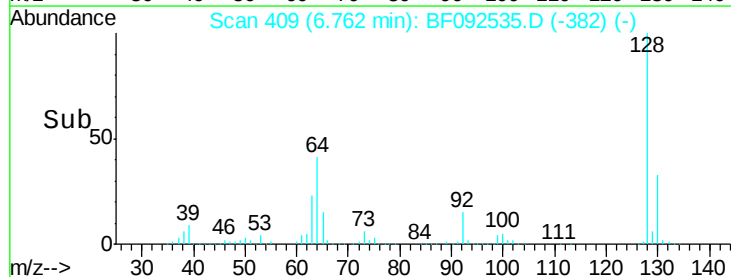
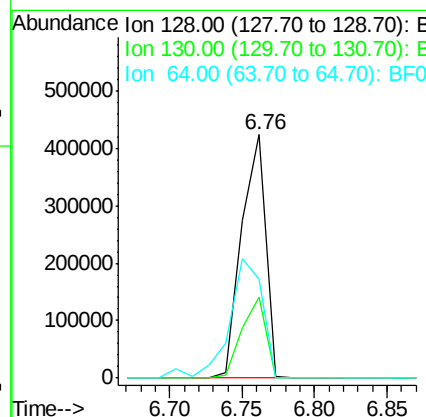
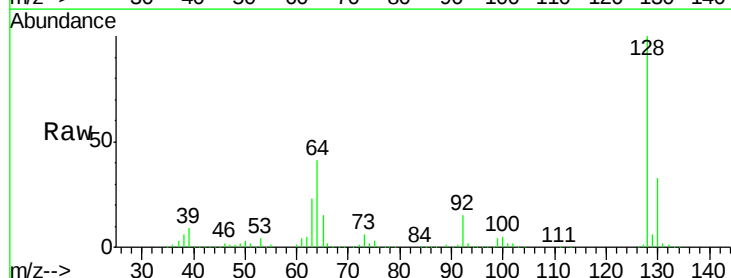
Tgt Ion: 128 Resp: 489628

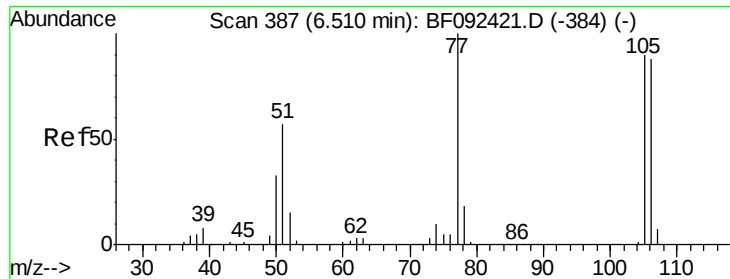
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 40.7 32.2 72.2





#9

Benzaldehyde

Concen: 25.59 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

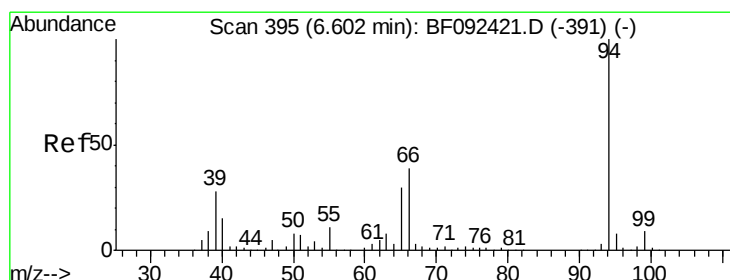
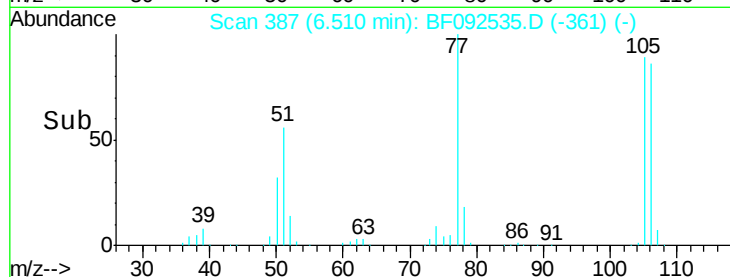
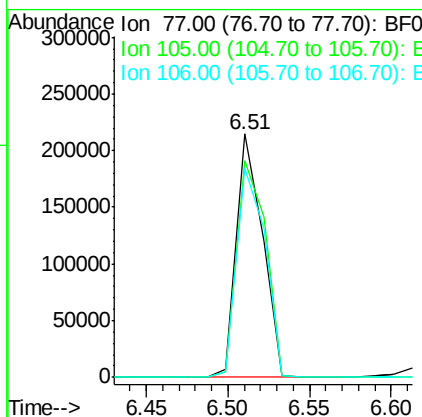
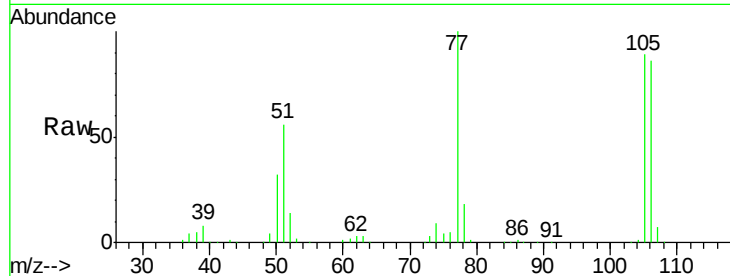
ClientSampleId :

PB96342BS

Tot Ion:	77	Resp:	236293
Ion	Ratio	Lower	Upper
77	100		
105	89.2	83.9	123.9
106	85.8	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 44.04 ng

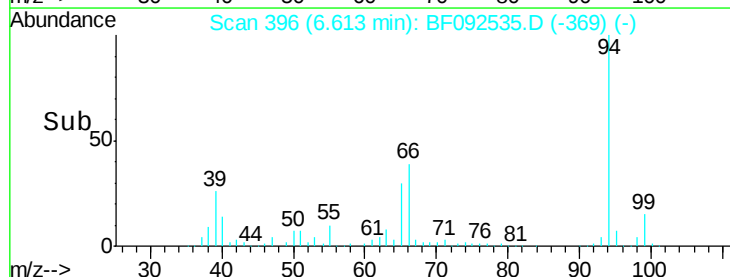
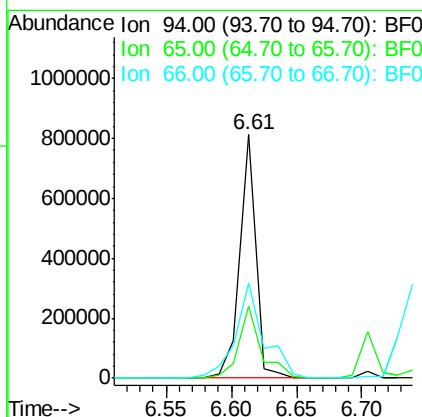
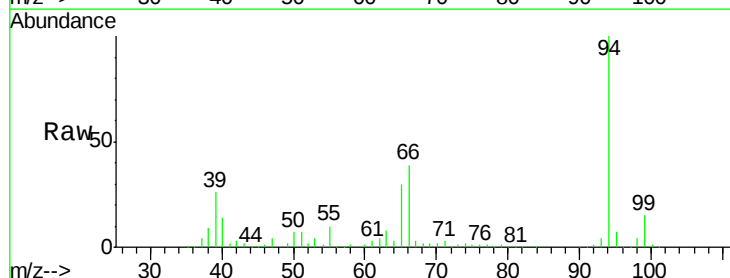
RT: 6.61 min Scan# 396

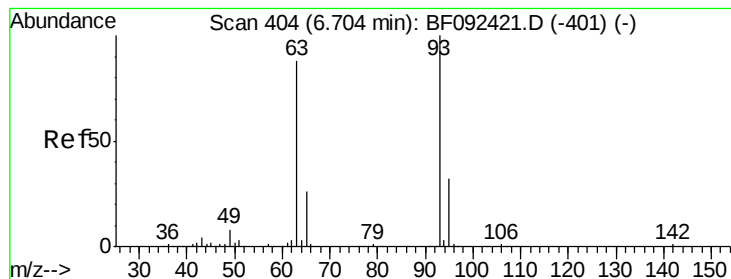
Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion:	94	Resp:	691830
Ion	Ratio	Lower	Upper
94	100		
65	29.7	21.4	61.4
66	39.1	44.0	84.0#





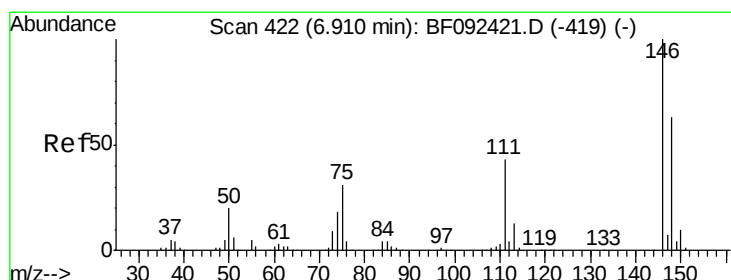
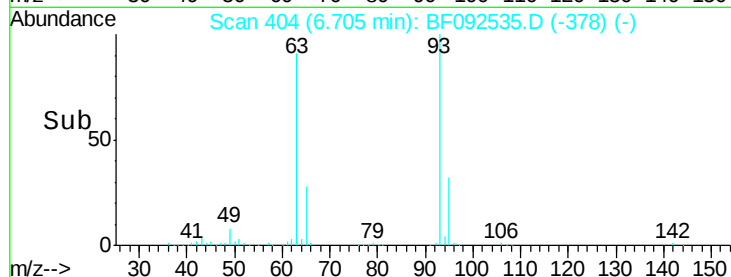
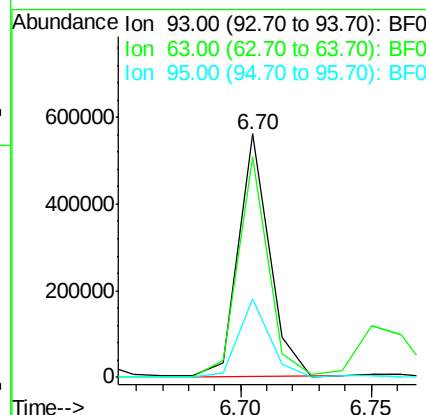
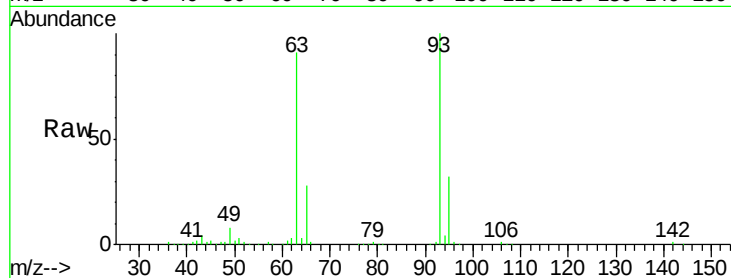
#11
bis(2-Chloroethyl)ether
Concen: 39.70 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.5	60.4	100.4
95	32.4	12.8	52.8

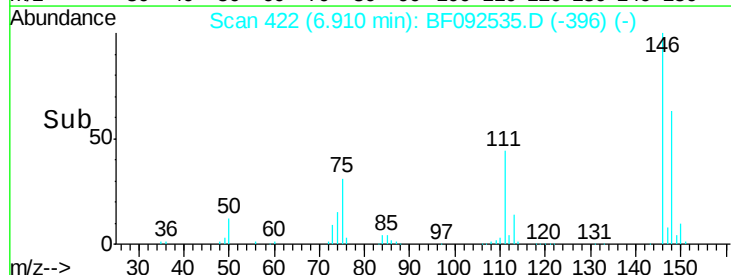
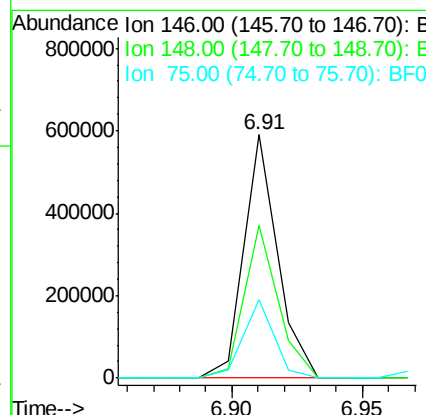
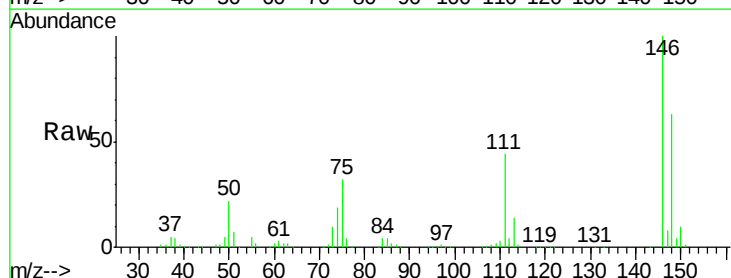
Manual Integrations
APPROVED

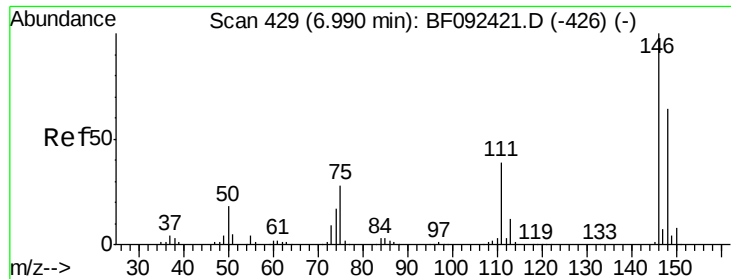
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.44 ng m
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.4	80.0
75	32.0	18.5	27.7





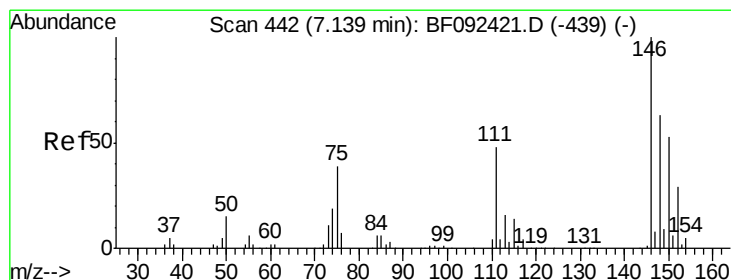
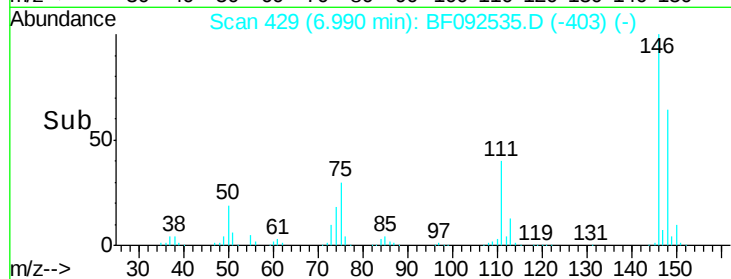
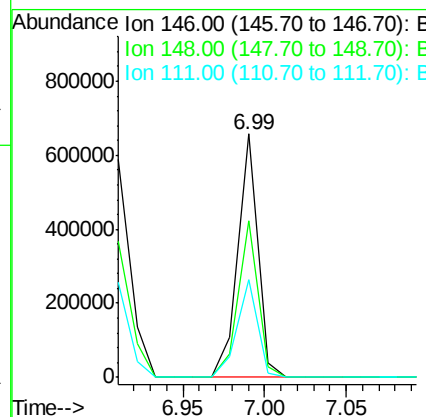
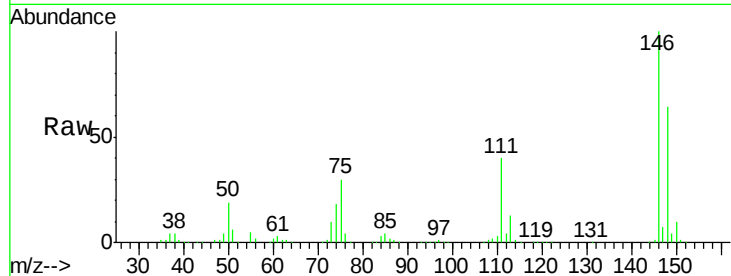
#13
 1,4-Dichlorobenzene
 Concen: 43.38 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		554078		
148	64.4	50.6	76.0		
111	40.1	36.2	54.4		

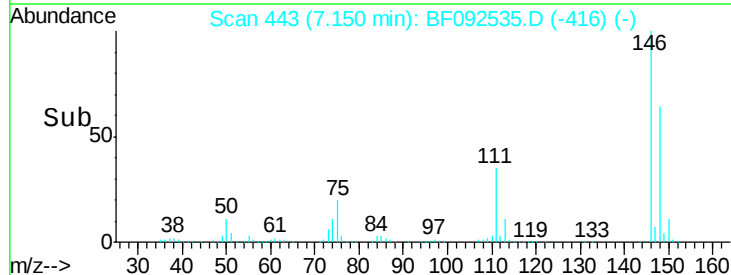
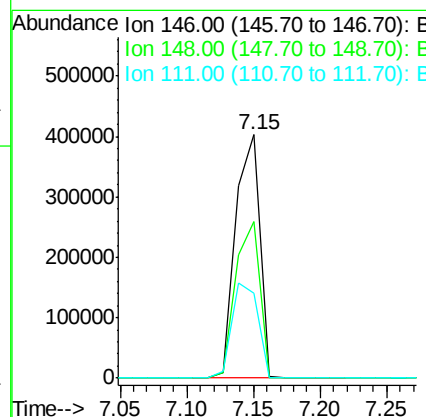
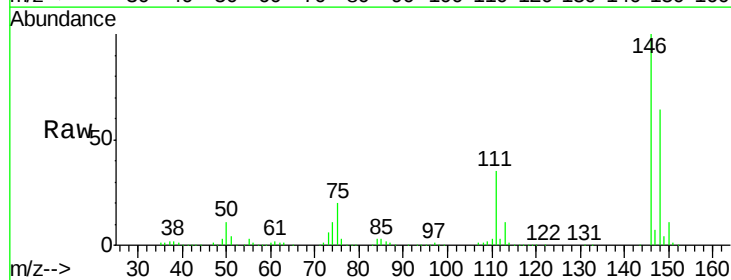
Manual Integrations
 APPROVED

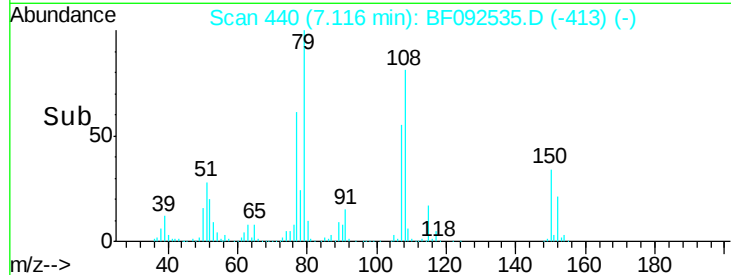
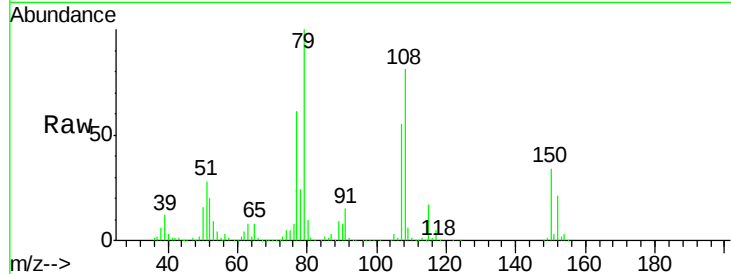
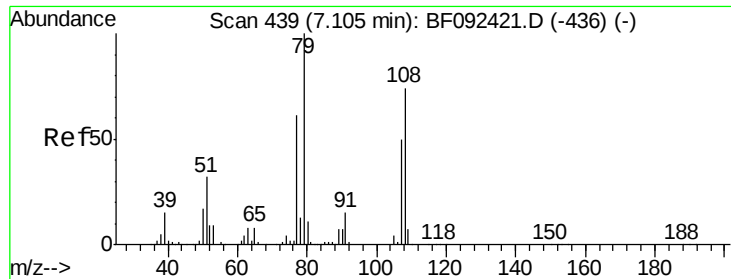
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.53 ng m
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		503265		
148	64.3	52.2	78.2		
111	34.7	36.2	54.2#		





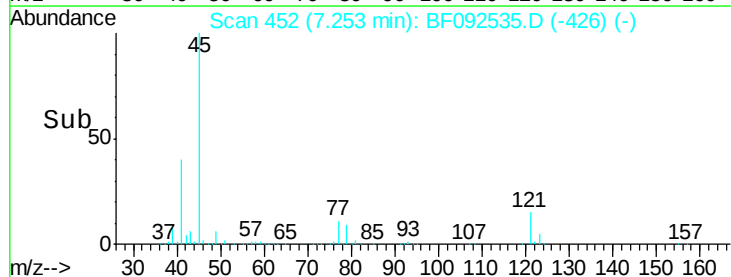
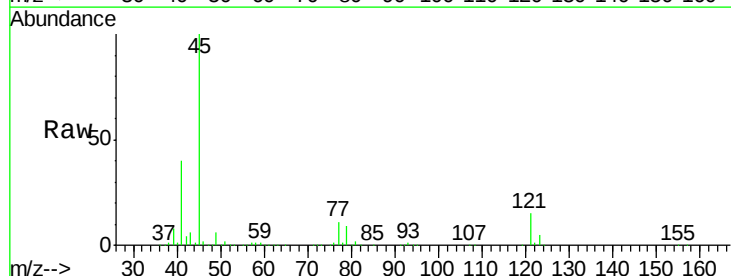
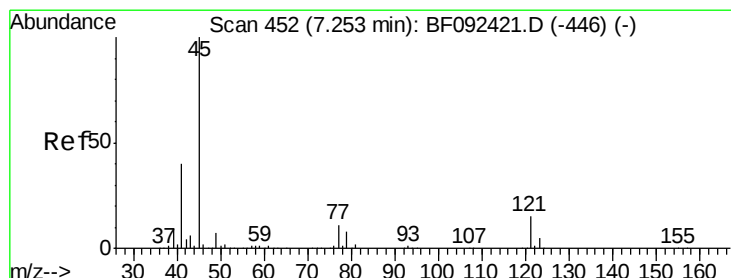
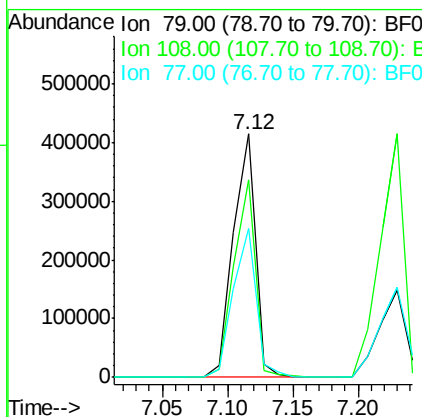
#15
Benzyl Alcohol
Concen: 50.01 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100	490461		
108	80.9	61.4	92.0	
77	61.0	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
PB96342BS

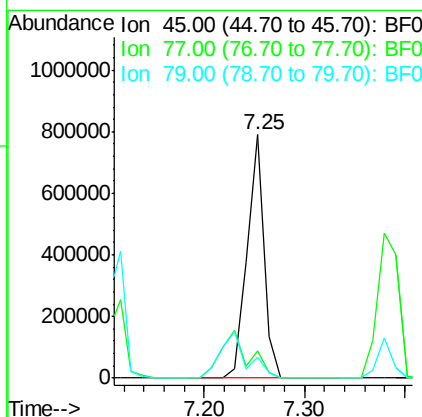
Manual Integrations
APPROVED

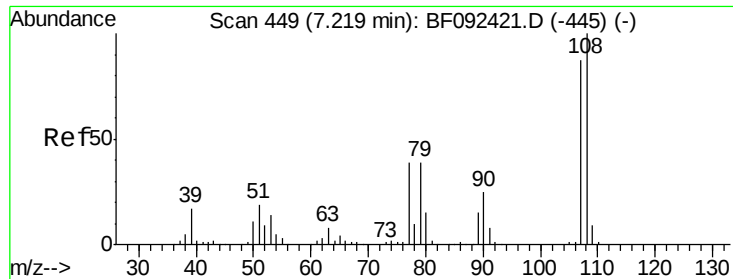
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.39 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	915868		
77	11.0	0.0	34.6	
79	8.7	0.0	31.2	





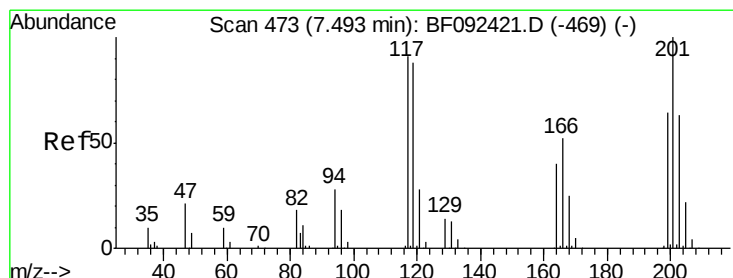
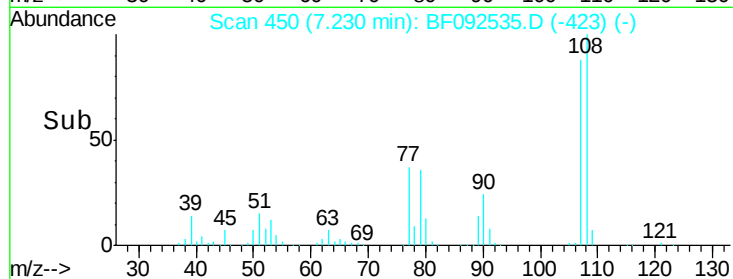
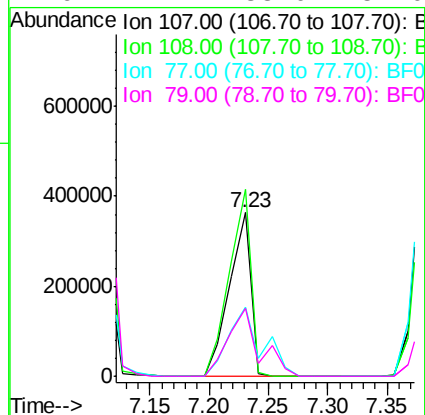
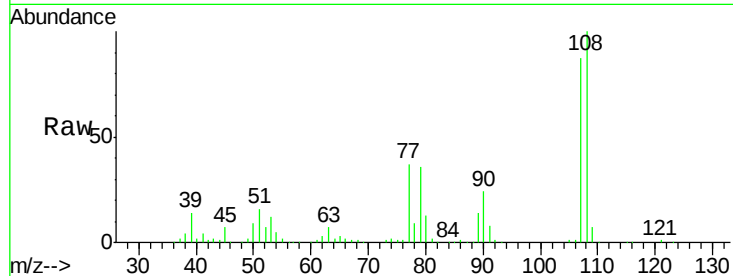
#17
2-Methylphenol
Concen: 49.80 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	456632		
108	114.3	93.0	139.6	
77	42.4	39.8	59.8	
79	41.2	38.0	57.0	

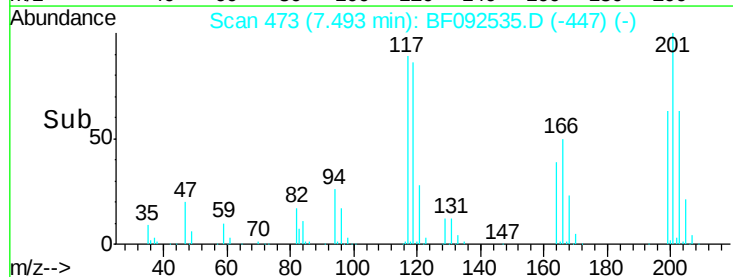
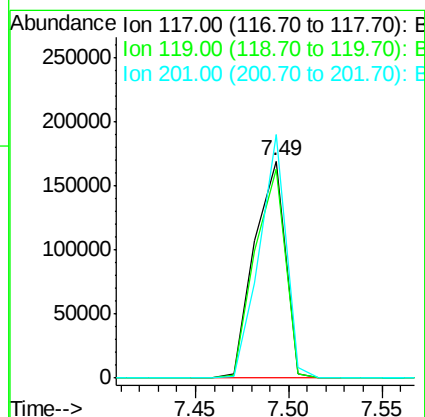
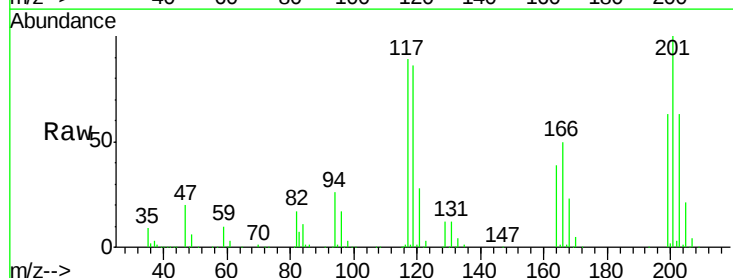
Manual Integrations
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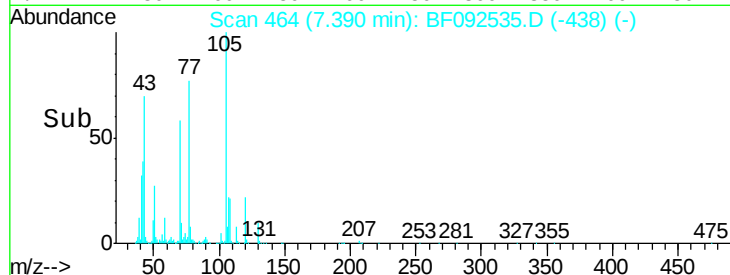
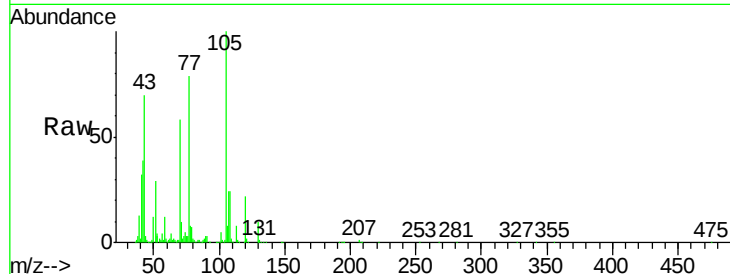
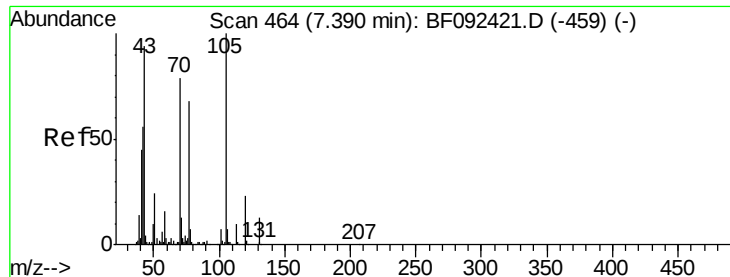
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#18
Hexachloroethane
Concen: 44.08 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193982		
119	96.1	78.1	117.1	
201	112.0	78.6	117.8	





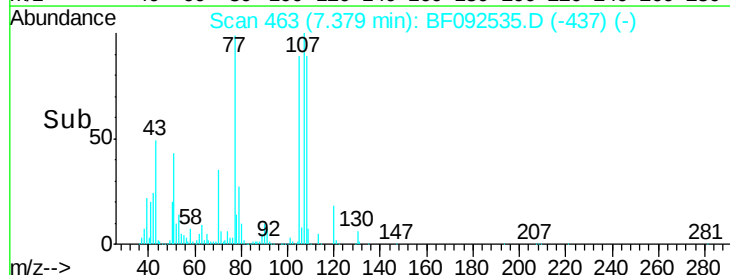
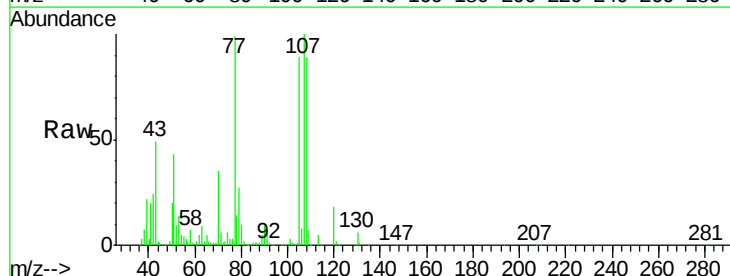
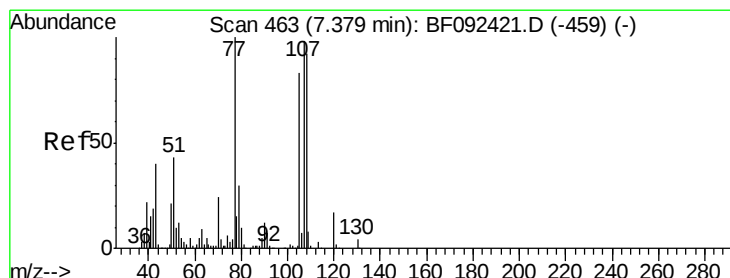
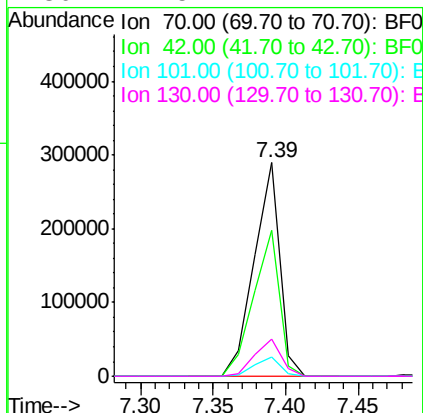
#19
n-Nitroso-di-n-propylamine
Concen: 40.08 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Manual Integrations
APPROVED

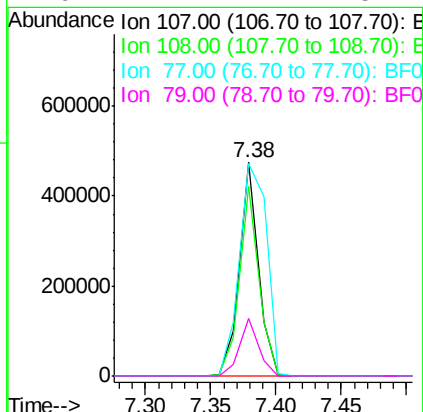
mohammad
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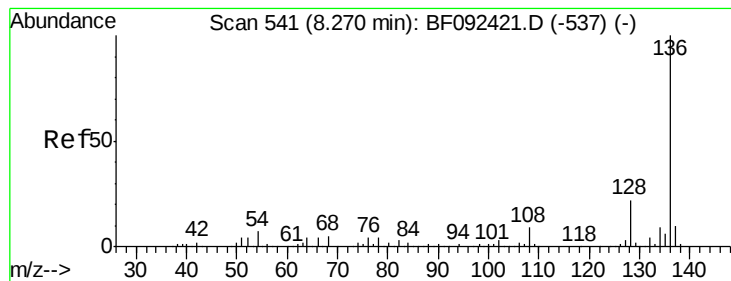
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.6	49.4	74.0	
101	9.0	7.4	11.2	
130	17.5	14.2	21.4	



#20
3+4-Methylphenols
Concen: 43.30 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	73.0	113.0	
77	99.5	71.3	111.3	
79	27.1	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

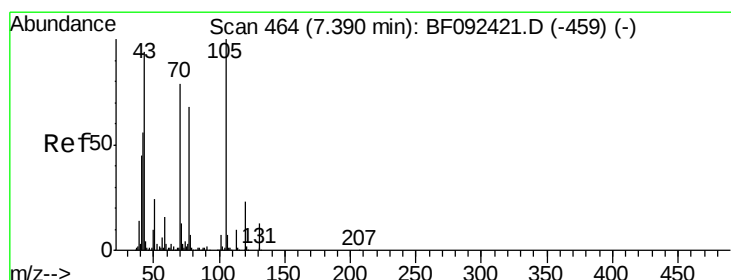
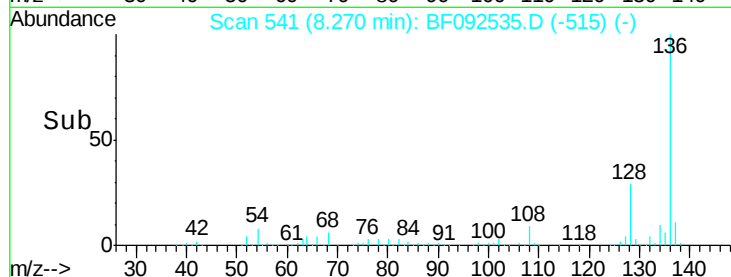
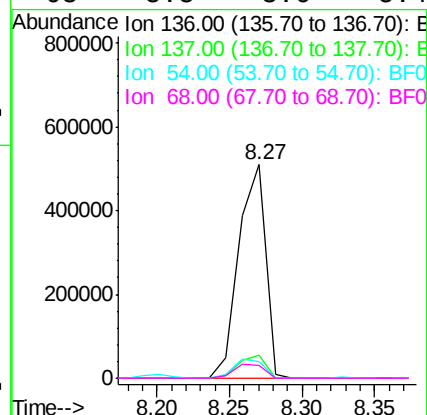
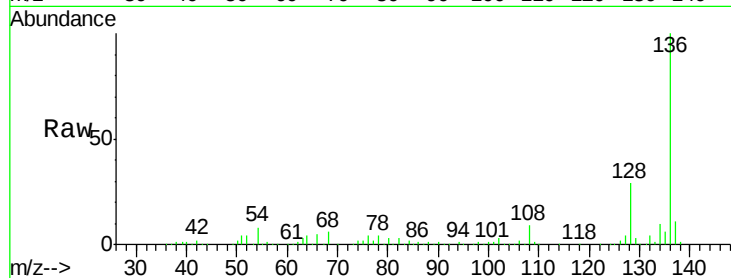
ClientSampleId :

PB96342BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.8	4.5	6.7#
68	5.8	3.6	5.4#

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#22

Acetophenone

Concen: 45.48 ng

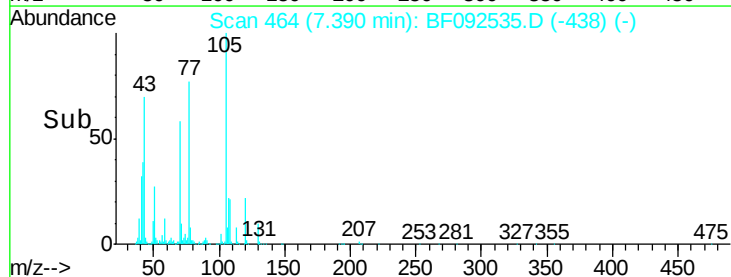
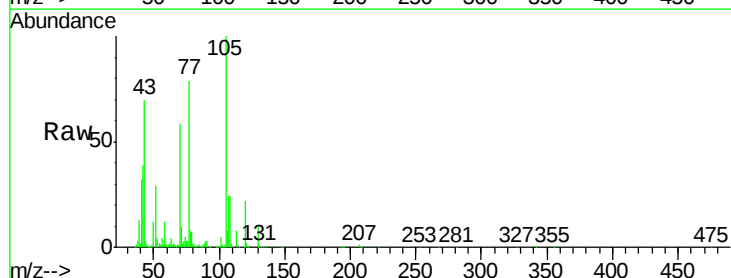
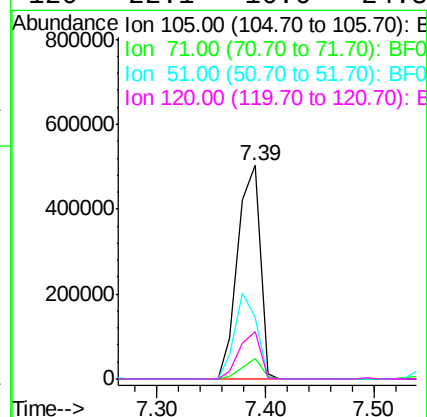
RT: 7.39 min Scan# 464

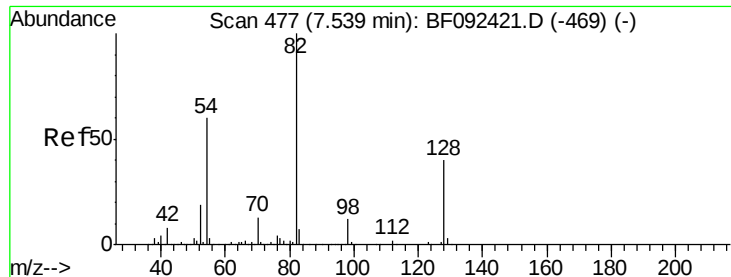
Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	9.8	3.2	4.8#
51	28.7	26.2	39.4
120	22.1	16.6	24.8





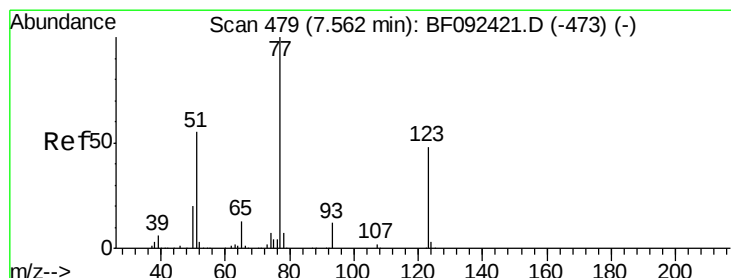
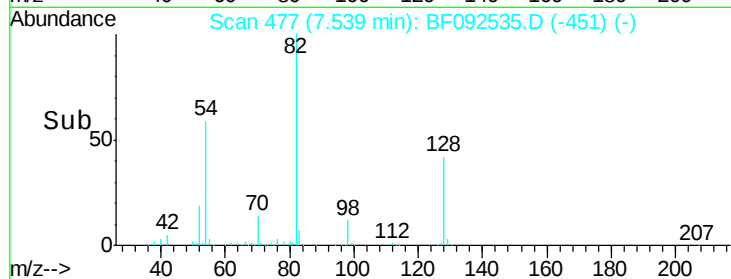
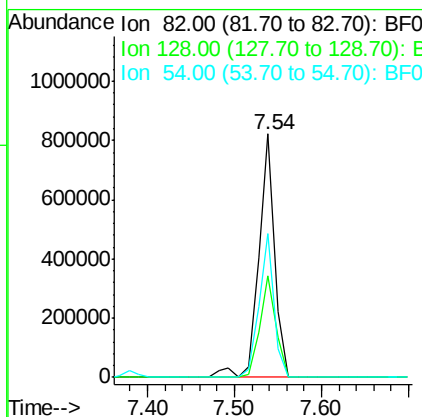
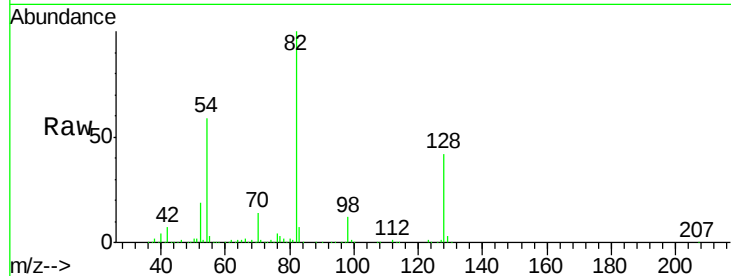
#23
 Nitrobenzene-d5
 Concen: 88.24 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampled :
 PB96342BS

Tot Ion	82	Resp	1059450
Ion Ratio	100	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	58.8	39.5	59.3

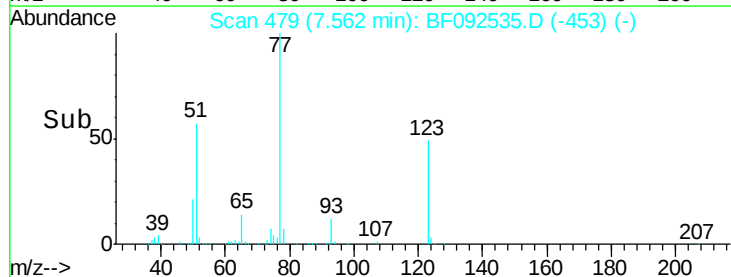
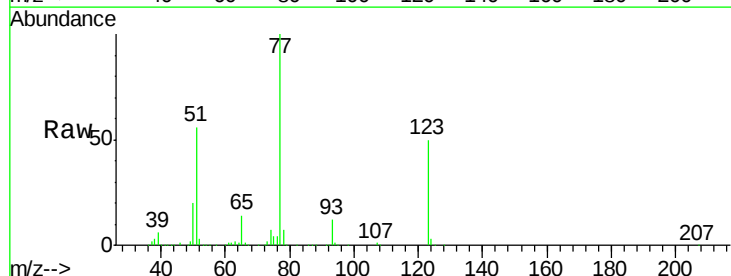
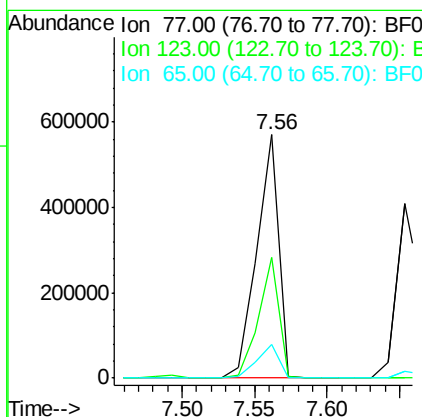
Manual Integrations
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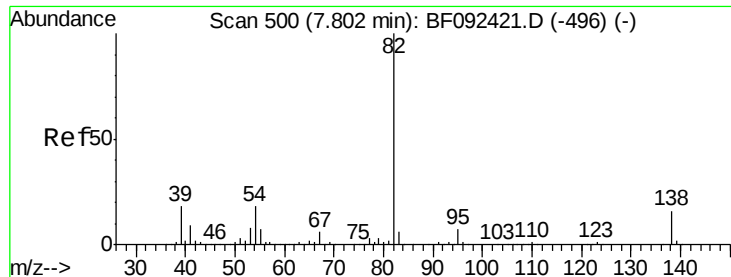
mohammad
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#24
 Nitrobenzene
 Concen: 47.43 ng
 RT: 7.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	77	Resp	596607
Ion Ratio	100	Lower	Upper
77	100		
123	49.6	33.0	49.4#
65	13.9	11.2	16.8





#25

Isophorone

Concen: 43.94 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampled :

PB96342BS

Tot Ion: 82 Resp: 1039511

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

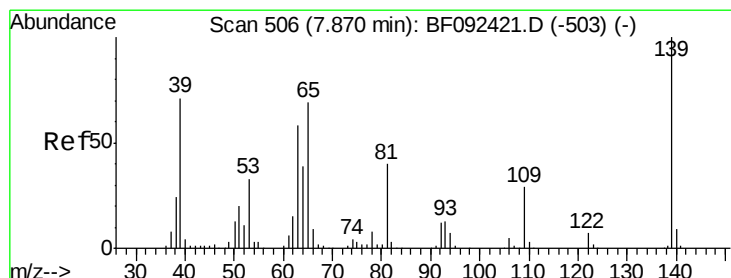
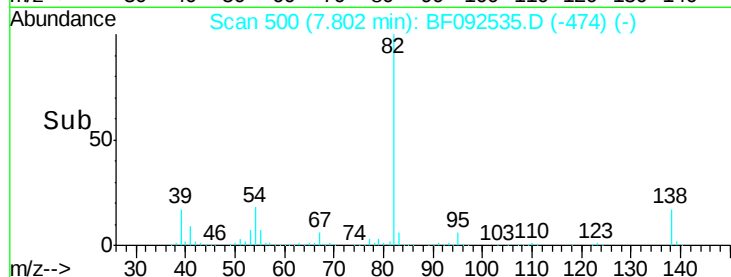
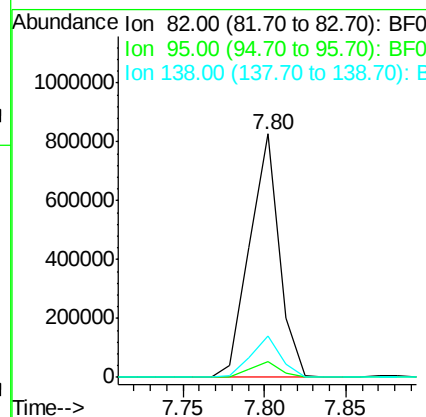
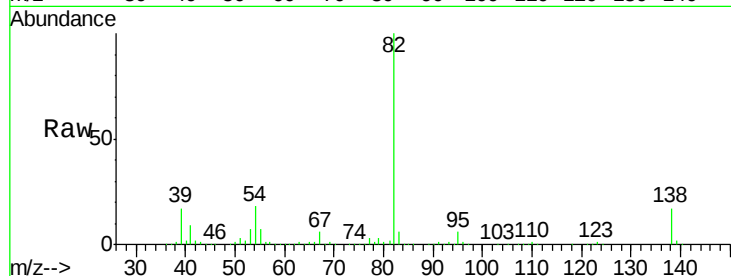
138 16.9 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.93 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

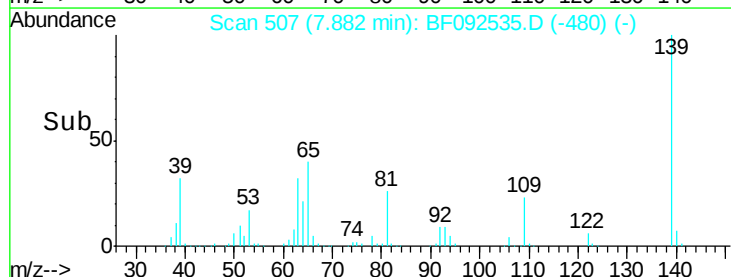
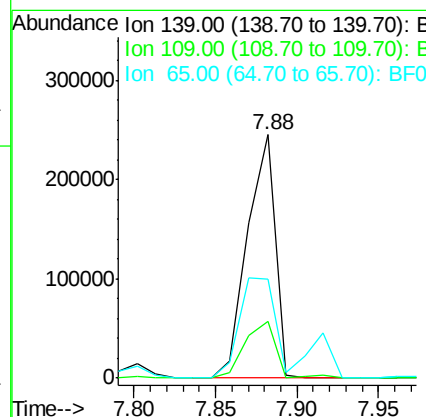
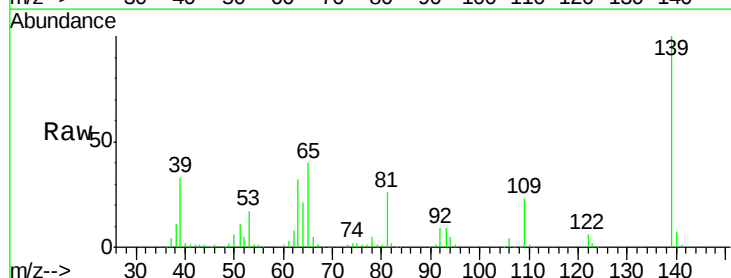
Tgt Ion: 139 Resp: 289523

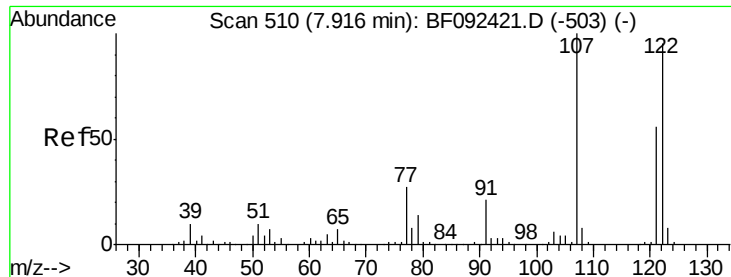
Ion Ratio Lower Upper

139 100

109 23.1 23.3 34.9#

65 40.5 42.7 64.1#





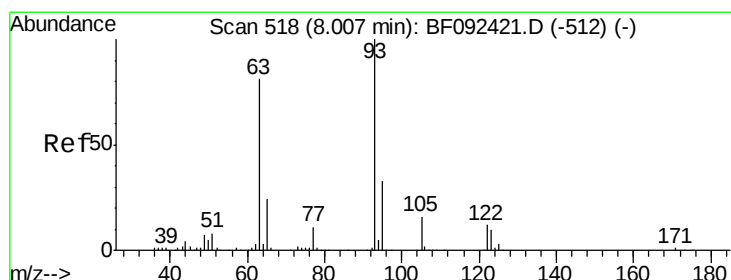
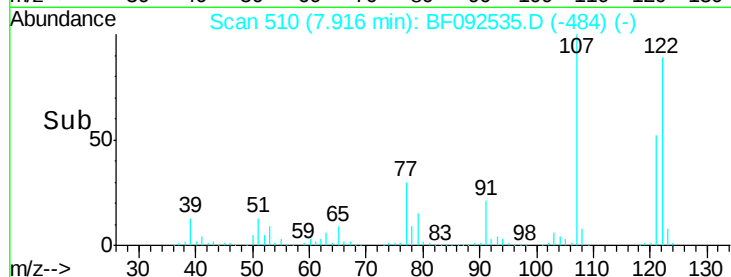
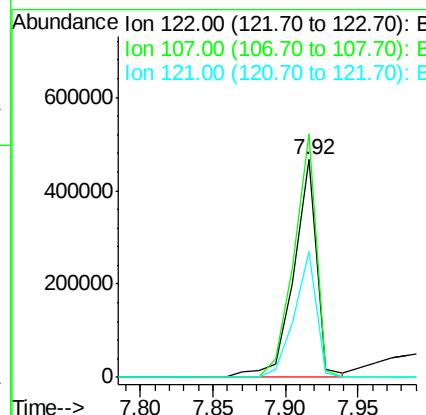
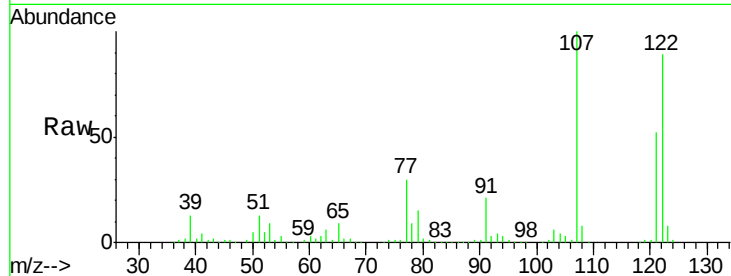
#27
 2,4-Dimethylphenol
 Concen: 46.97 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	514863		
107	111.9	94.1	141.1	
121	58.0	46.0	69.0	

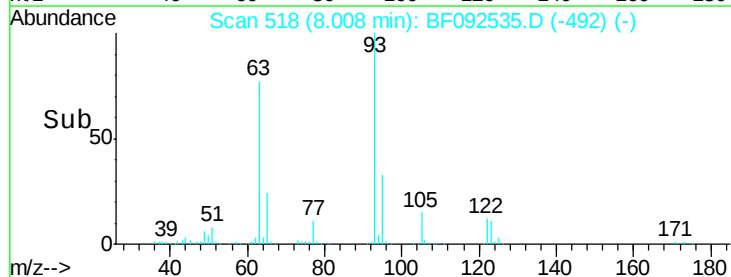
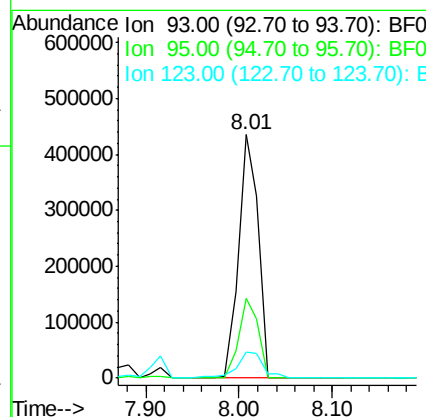
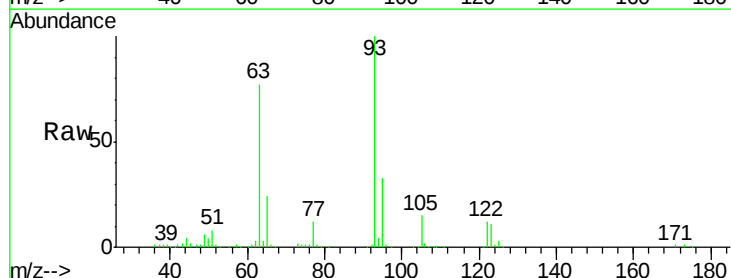
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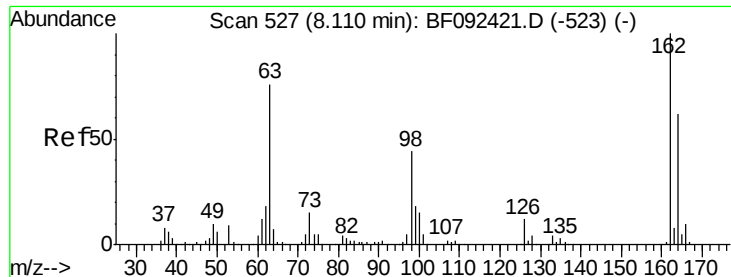
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.88 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	634898		
95	32.6	26.5	39.7	
123	10.5	8.6	13.0	





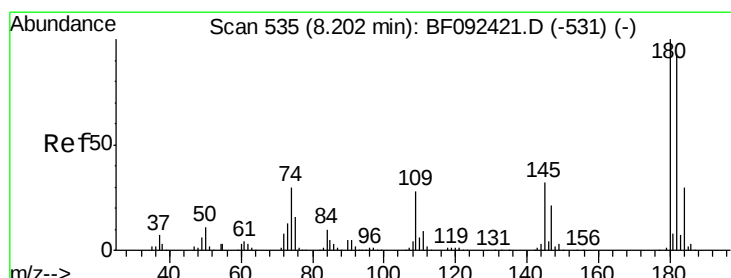
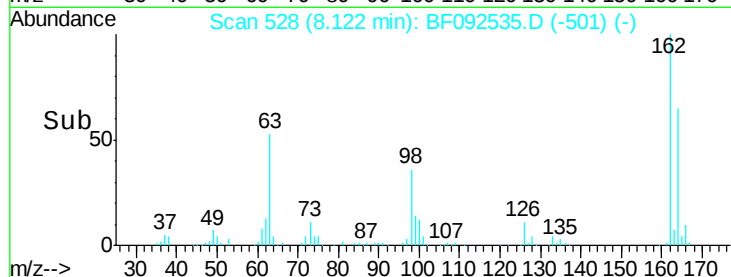
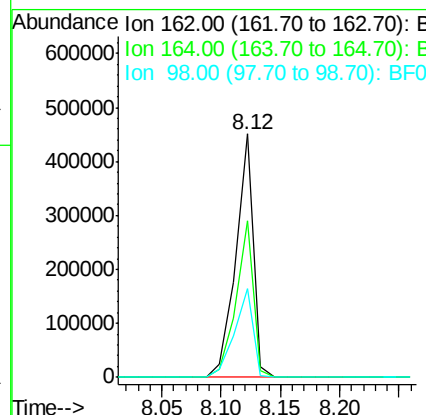
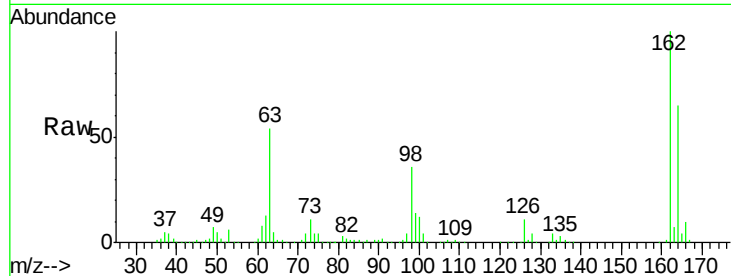
#29
 2,4-Dichlorophenol
 Concen: 48.80 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	463773		
164	64.5	46.8	86.8	
98	36.2	9.1	49.1	

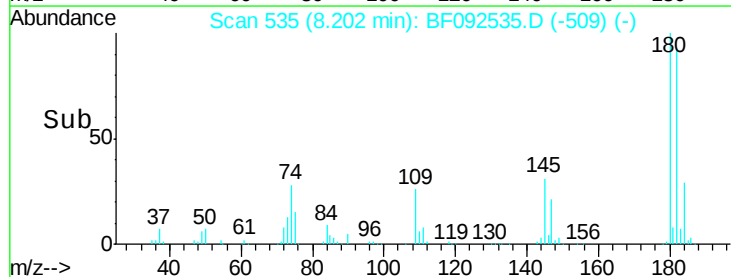
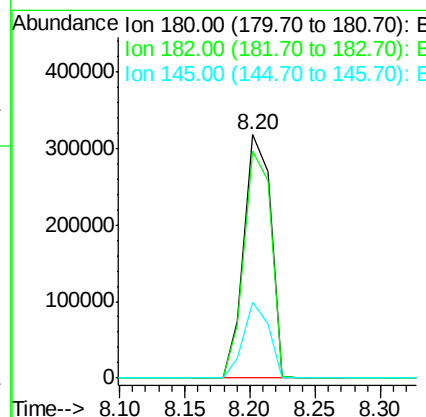
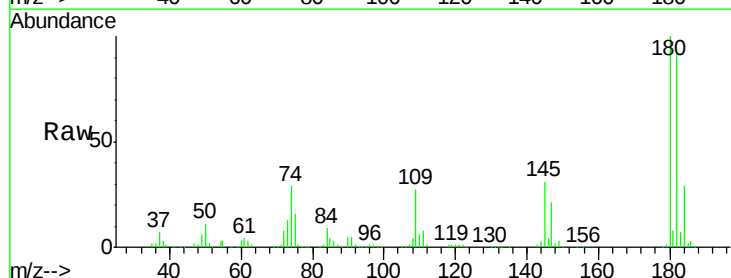
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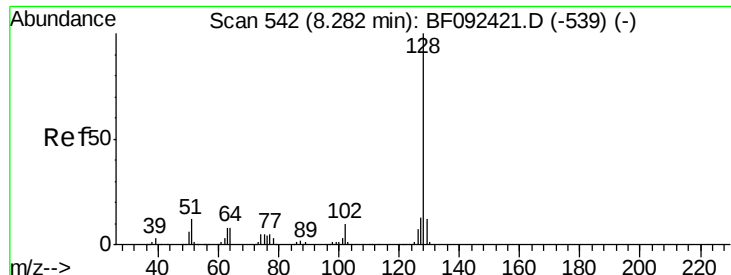
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.30 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455015		
182	93.3	78.2	117.4	
145	31.4	21.6	32.4	





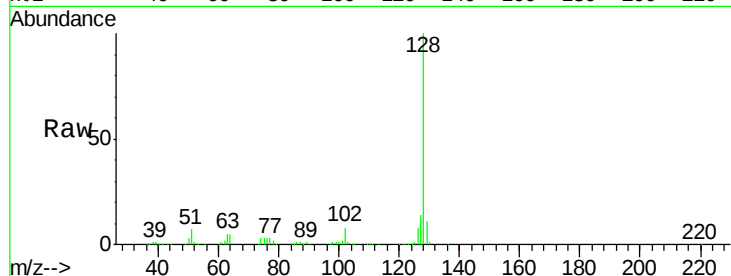
#31
Naphthalene
Concen: 42.47 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB96342BS

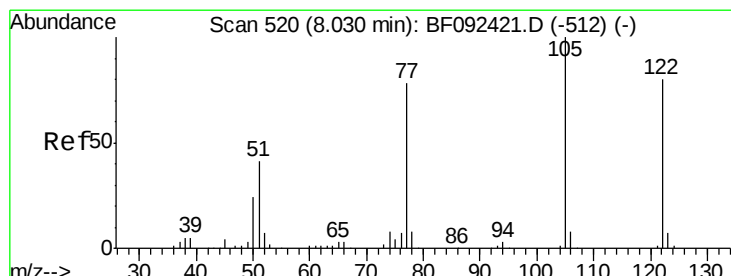
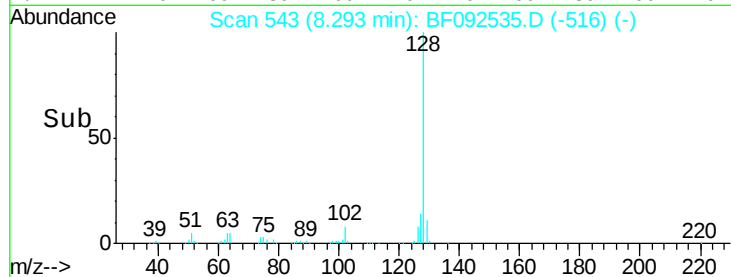
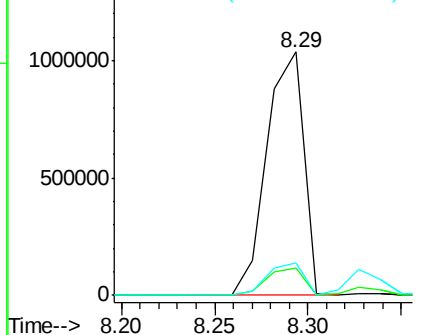
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.6	10.8	16.2

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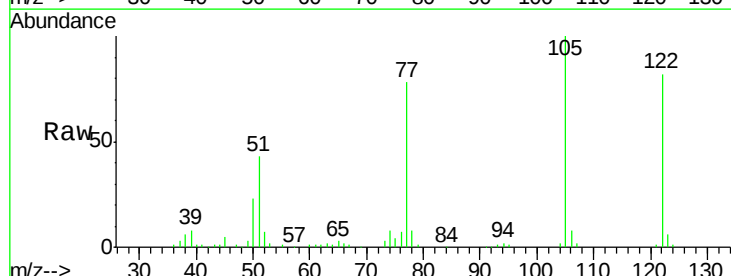


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

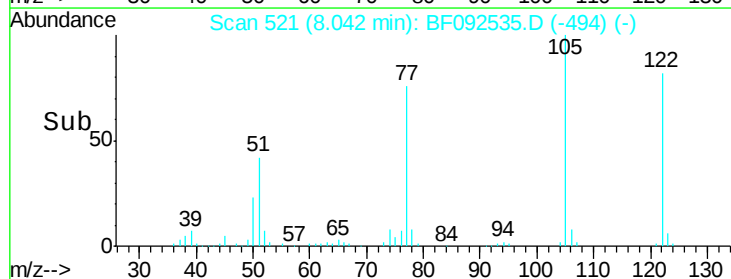
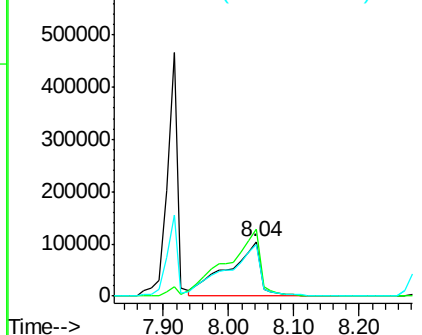


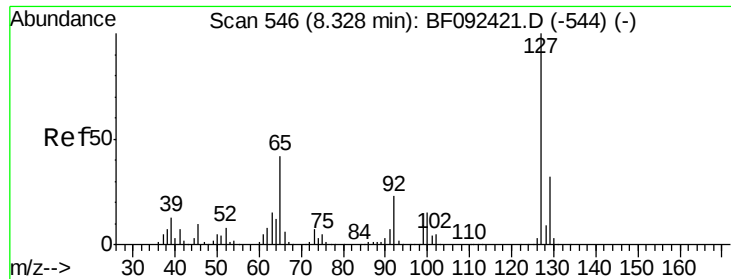
#32
Benzoic acid
Concen: 45.25 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	107.2	147.2
77	95.0	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





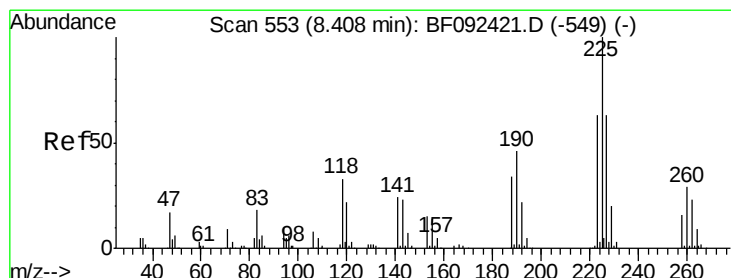
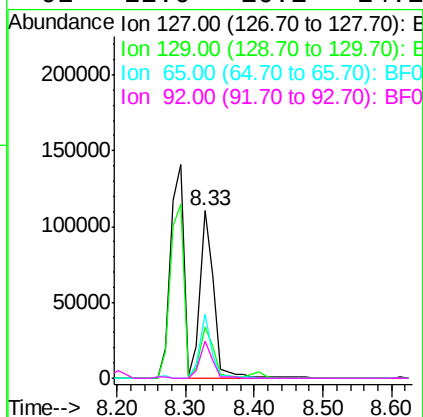
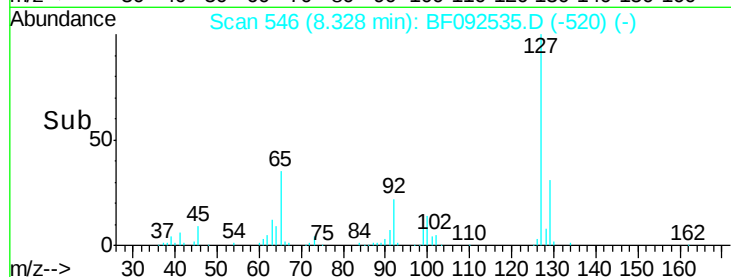
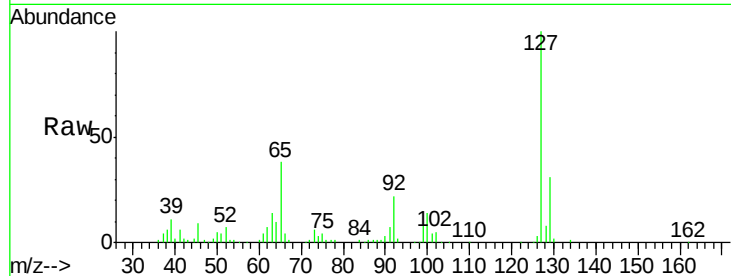
#33
4-Chloroaniline
Concen: 10.68 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		151695		
129	30.9	26.3	39.5		
65	38.0	25.8	38.8		
92	22.0	16.1	24.1		

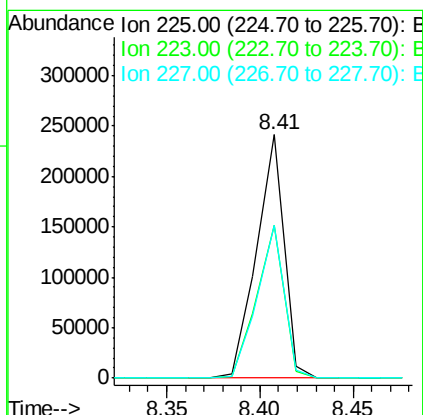
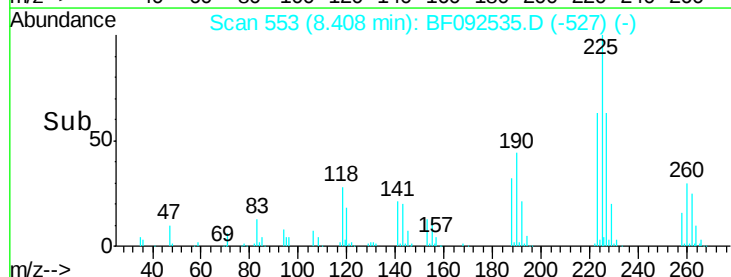
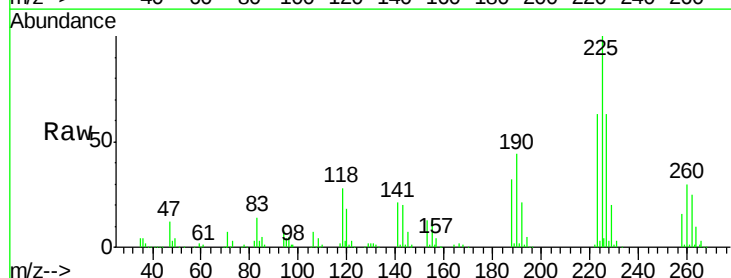
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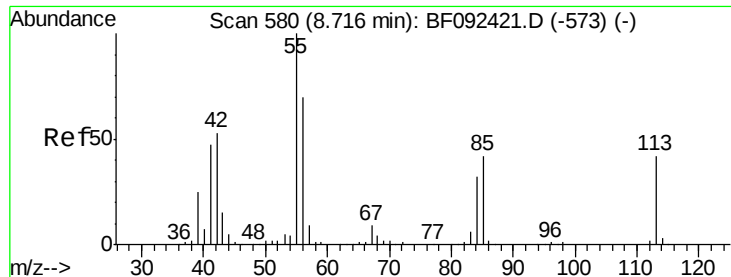
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#34
Hexachlorobutadiene
Concen: 43.72 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		245611		
223	62.8	51.0	76.6		
227	62.8	50.6	76.0		





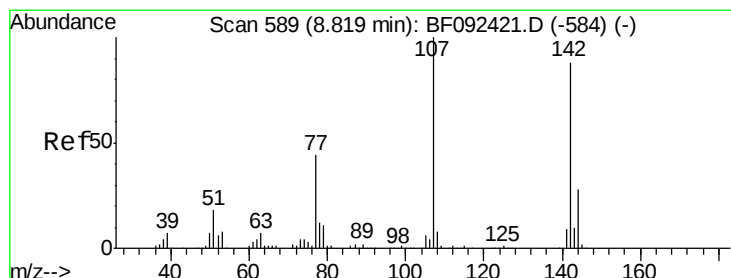
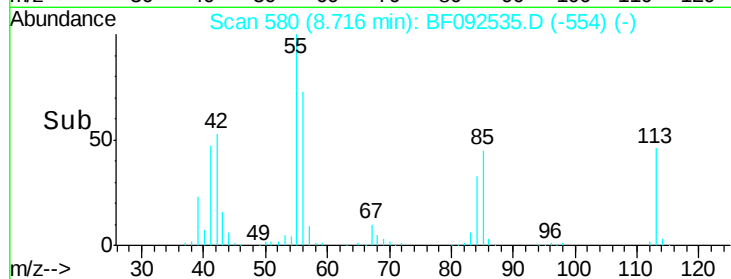
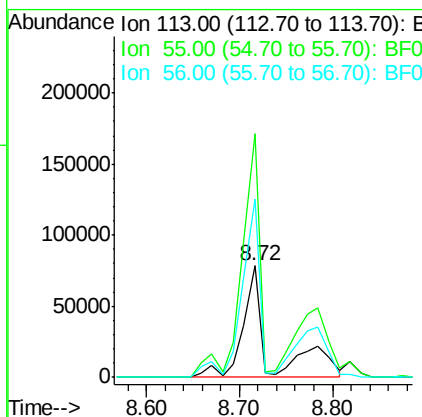
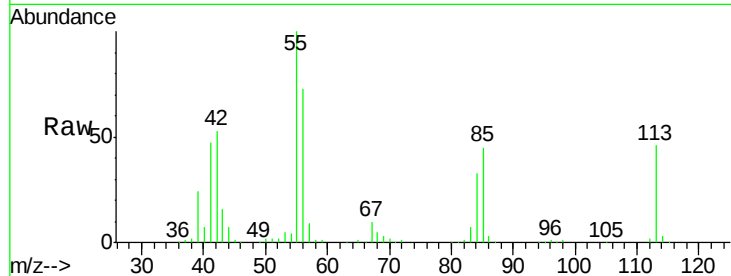
#35
 Caprolactam
 Concen: 48.22 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleID :
 PB96342BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.0	119.2	159.2
56	160.1	83.8	123.8

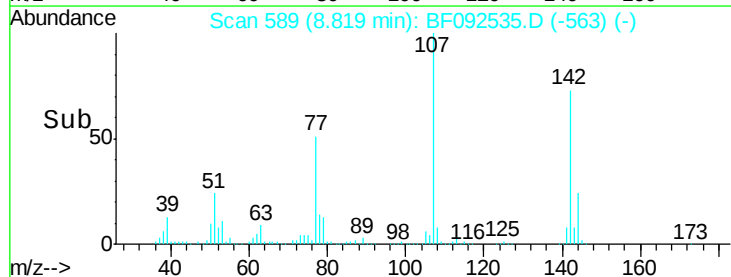
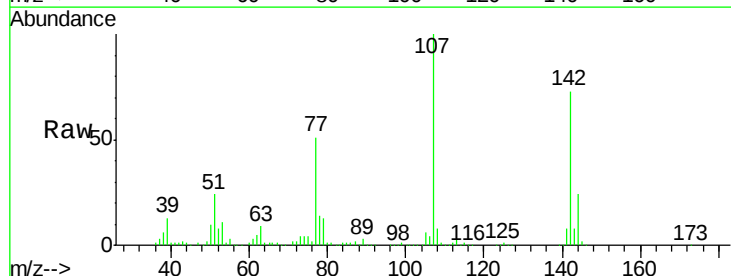
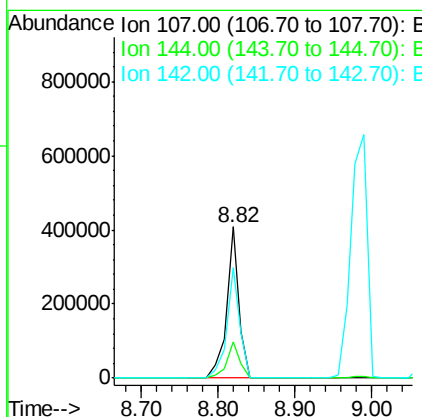
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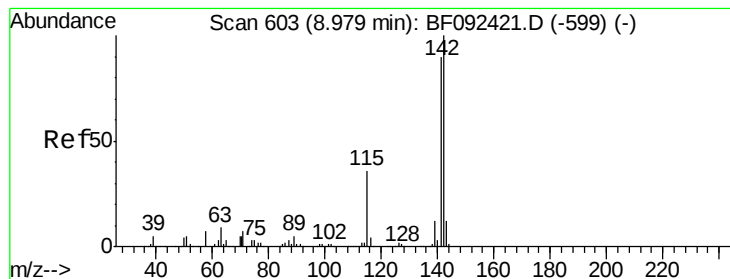
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#36
 4-Chloro-3-methylphenol
 Concen: 45.61 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.3	28.9
142	73.3	59.0	88.6





#37

2-Methylnaphthalene

Concen: 46.65 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

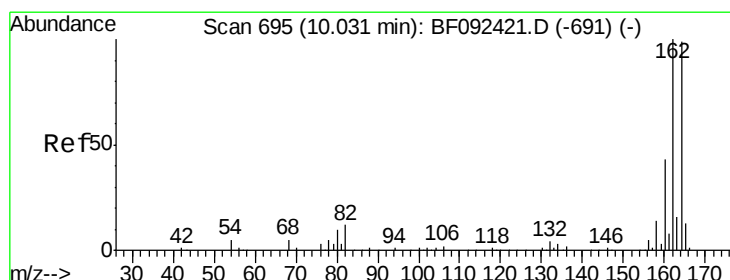
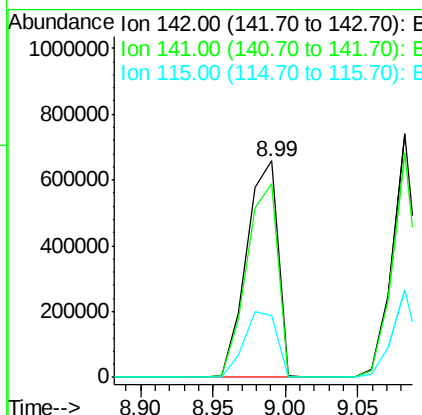
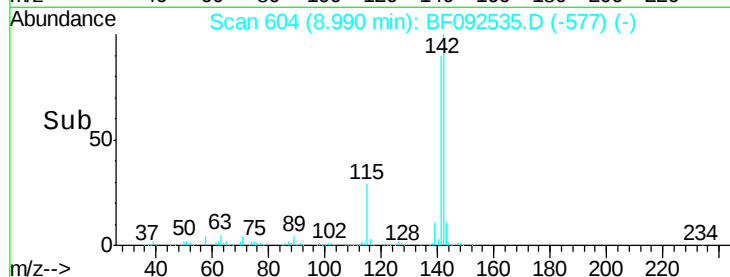
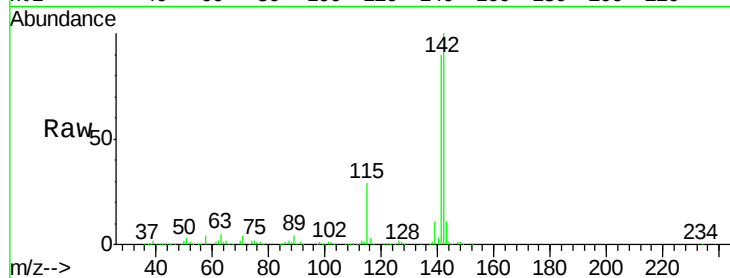
ClientSampleID :

PB96342BS

Tot Ion:	142	Resp:	991329
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.0	106.6
115	28.7	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

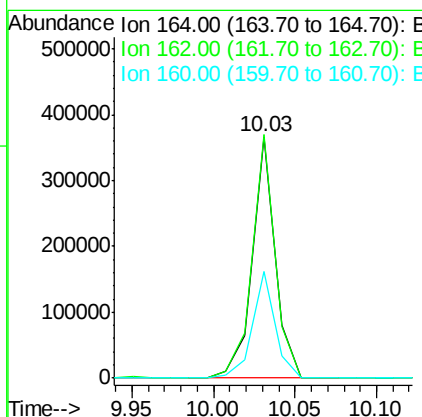
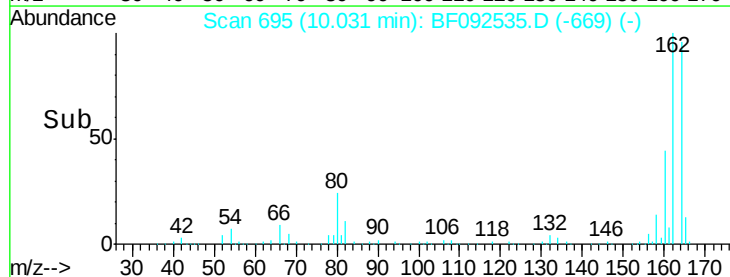
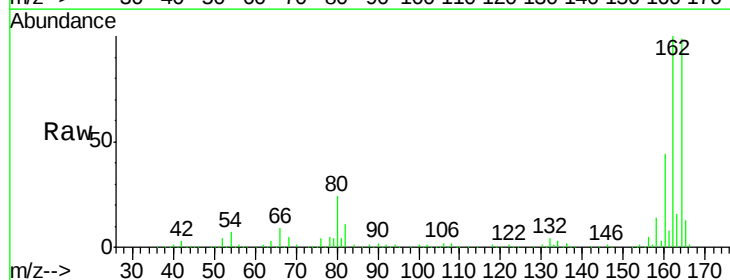
RT: 10.03 min Scan# 695

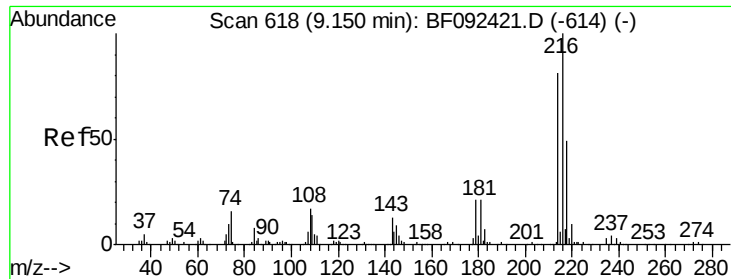
Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion:	164	Resp:	358994
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.2	120.2
160	44.2	36.9	55.3





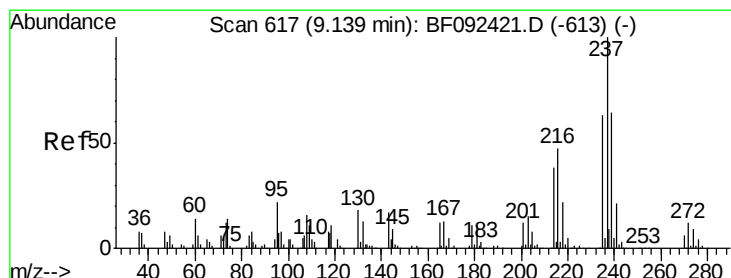
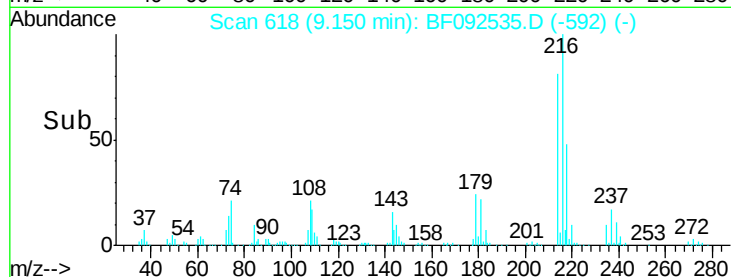
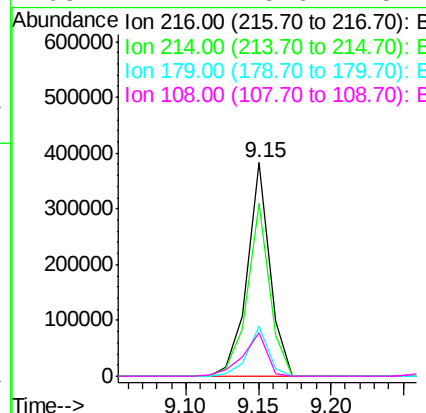
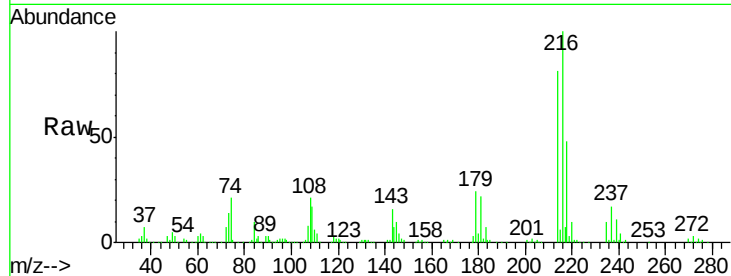
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.81 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion:	216	Resp:	414837
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.1	17.4	26.2
108	21.7	15.6	23.4

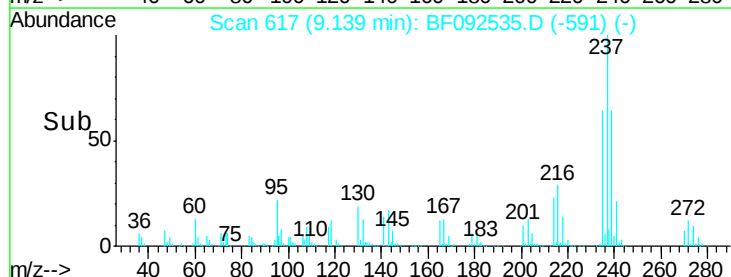
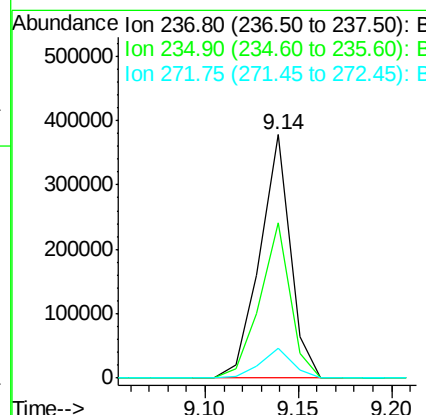
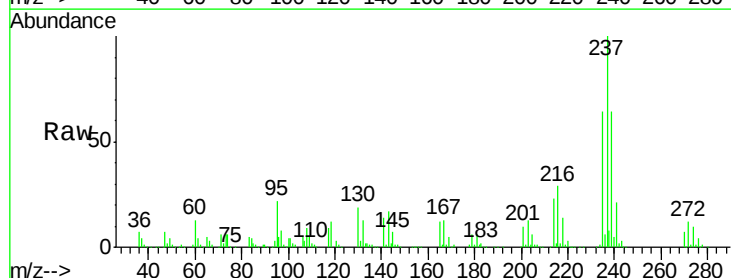
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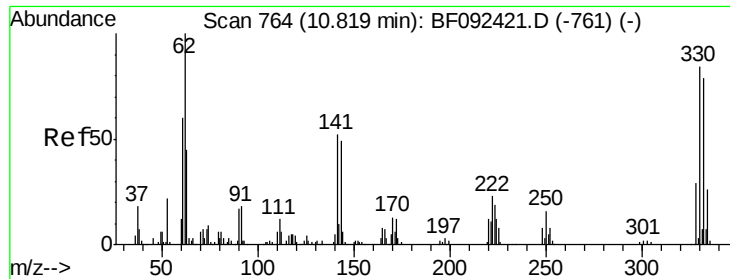
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#40
 Hexachlorocyclopentadiene
 Concen: 94.17 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion:	237	Resp:	427046
Ion Ratio		Lower	Upper
237	100		
235	63.8	41.2	81.2
272	12.2	0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 157.10 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

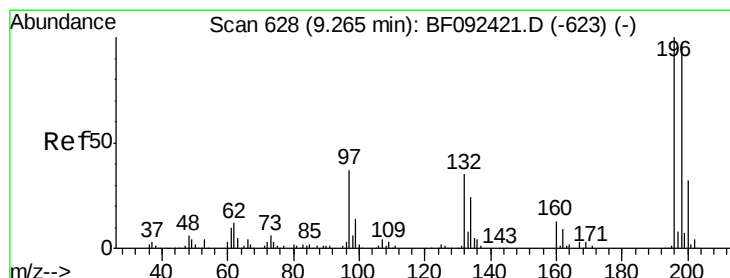
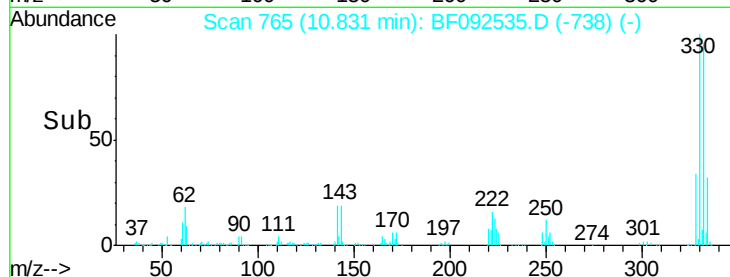
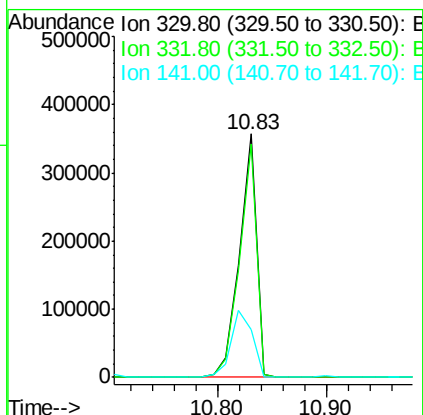
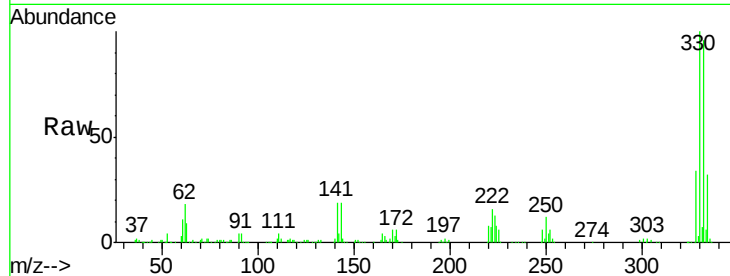
ClientSampleId :

PB96342BS

Tot Ion:	330	Resp:	384329
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.2
141	34.6	34.1	51.1

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 51.46 ng

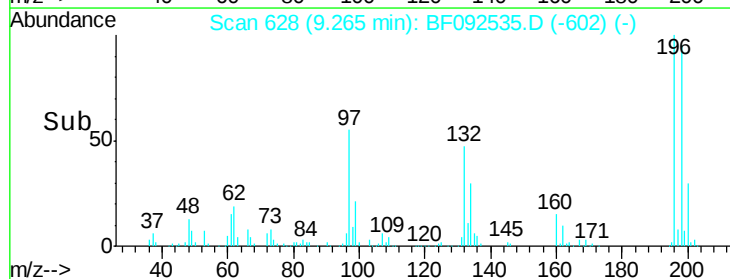
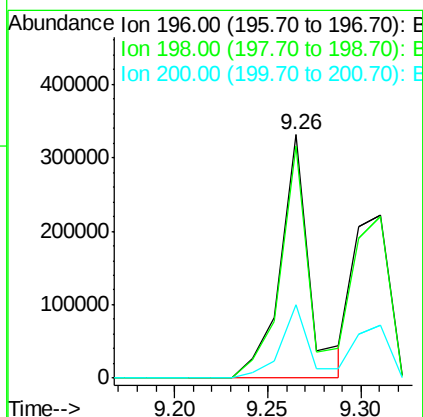
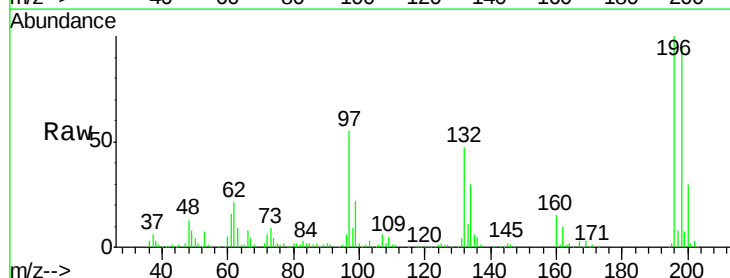
RT: 9.26 min Scan# 628

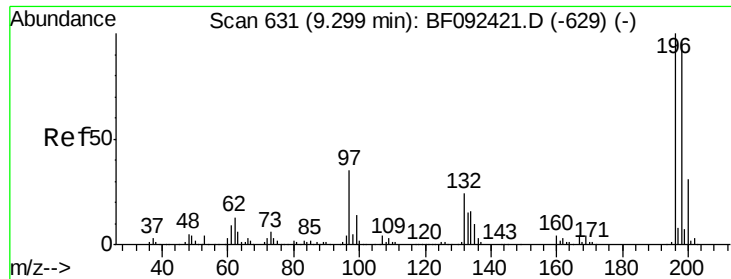
Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion:	196	Resp:	357016
Ion Ratio	Lower	Upper	
196	100		
198	95.1	82.1	123.1
200	30.0	27.0	40.4





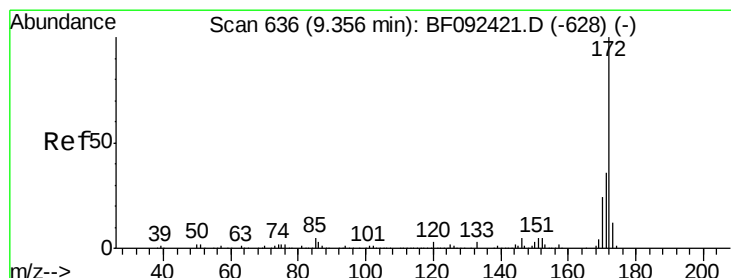
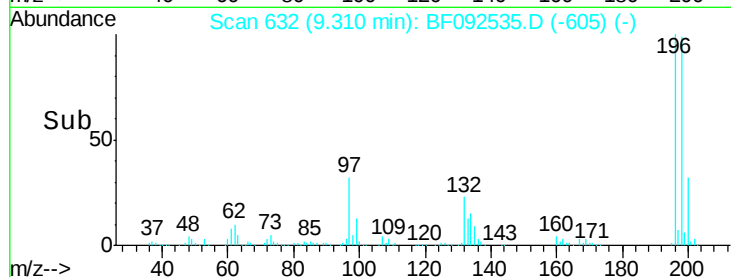
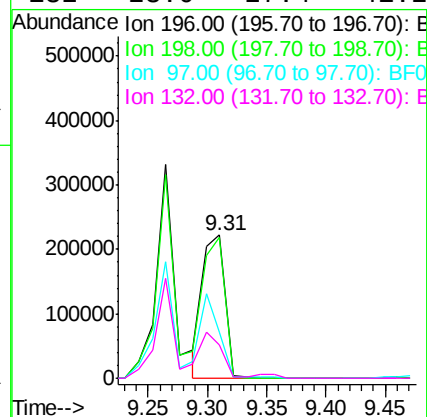
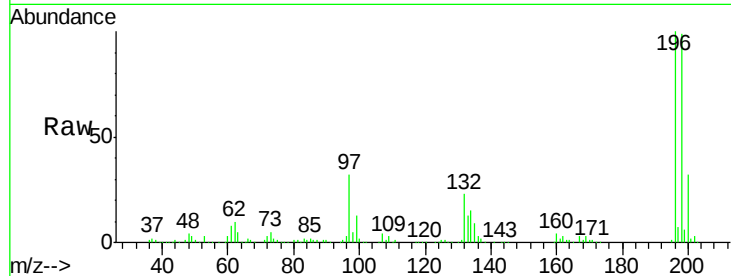
#43
 2,4,5-Trichlorophenol
 Concen: 47.00 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	298389		
198	98.7	79.4	119.2	
97	32.2	51.5	77.3	
132	23.0	27.4	41.2	

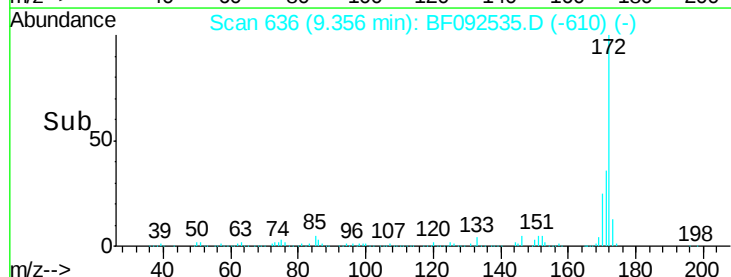
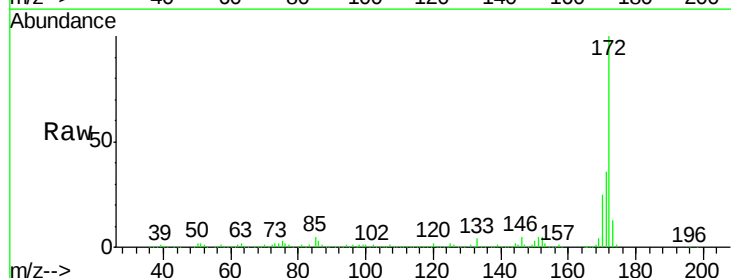
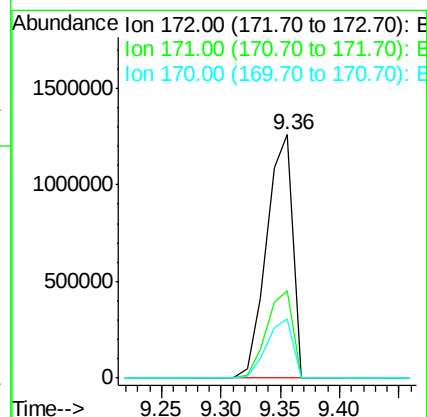
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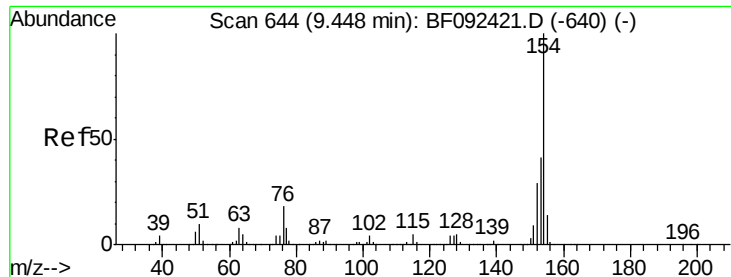
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 99.55 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1932654		
171	36.0	29.4	44.0	
170	24.5	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 44.92 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampled :

PB96342BS

Tot Ion:154 Resp: 1165640

Ion Ratio Lower Upper

154 100

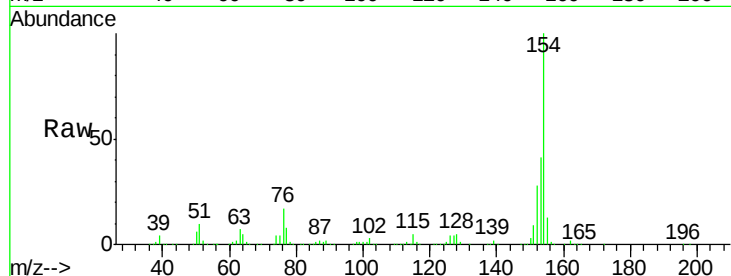
153 40.6 20.9 60.9

76 17.2 0.0 30.5

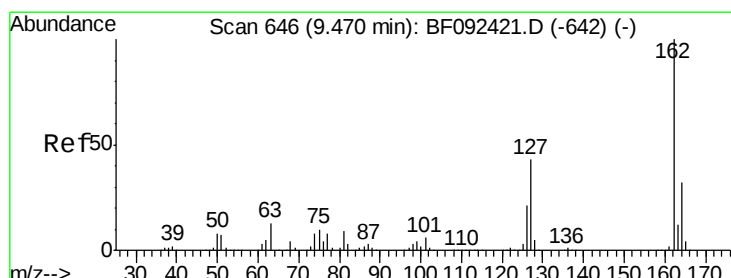
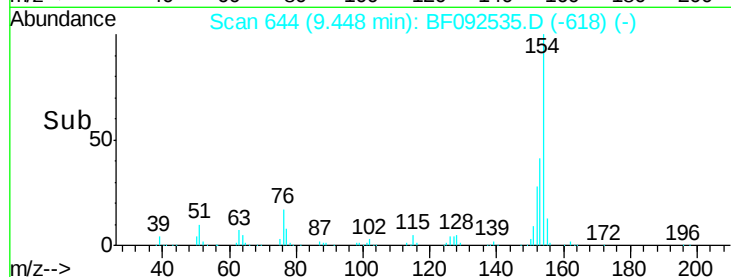
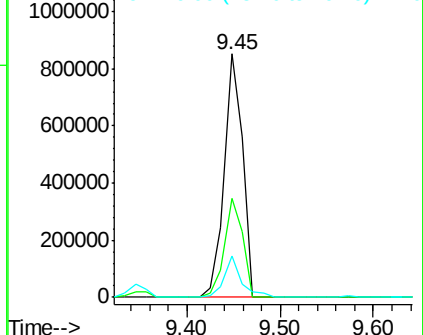
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.25 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

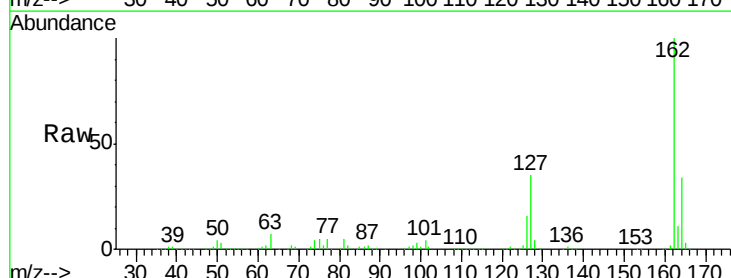
Tgt Ion:162 Resp: 937817

Ion Ratio Lower Upper

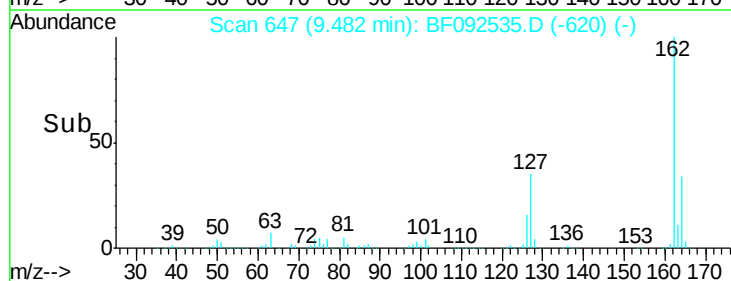
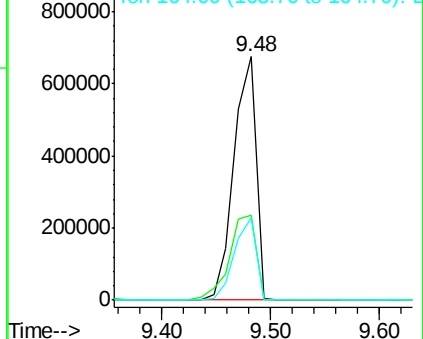
162 100

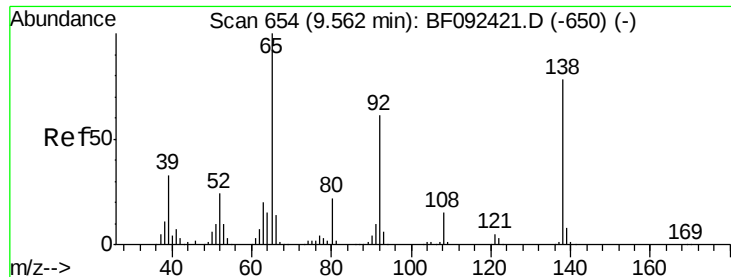
127 34.8 30.7 46.1

164 34.0 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





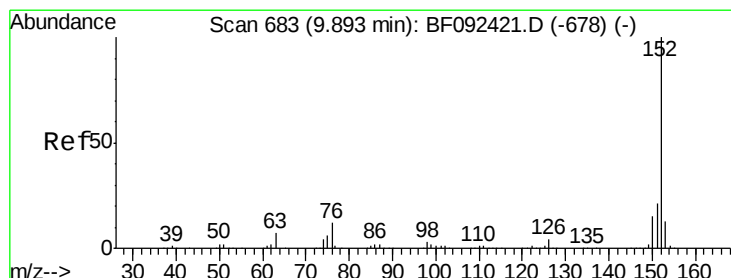
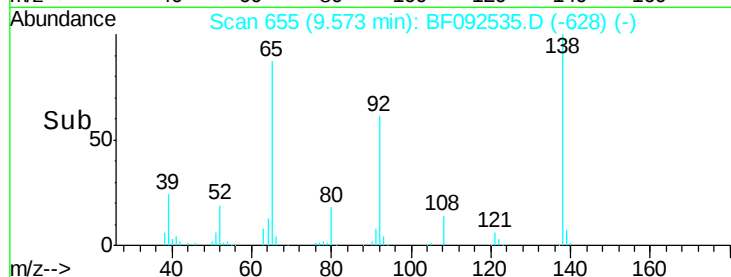
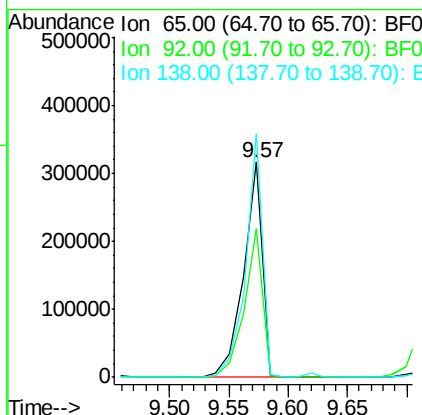
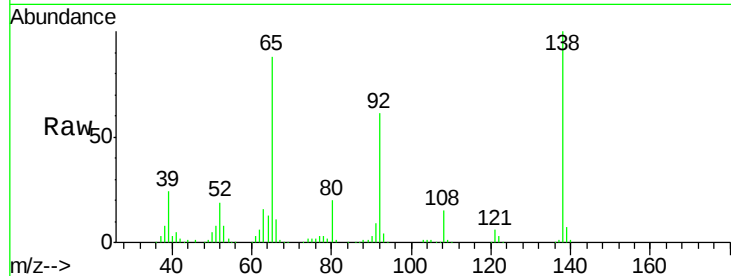
#47
2-Nitroaniline
Concen: 48.86 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	113.2	76.8	115.2

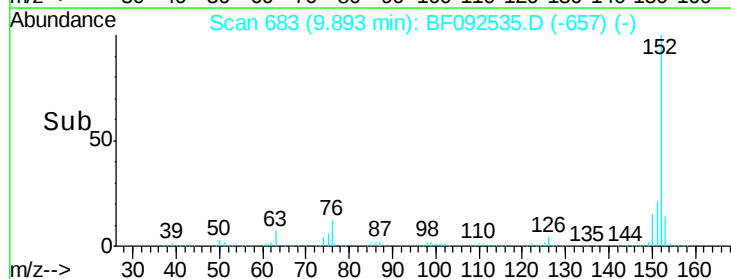
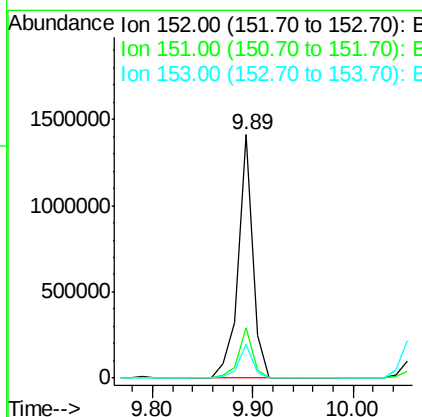
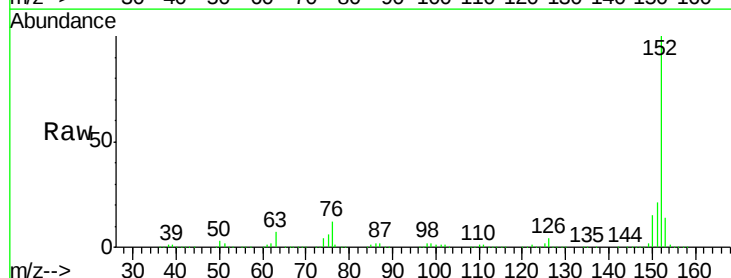
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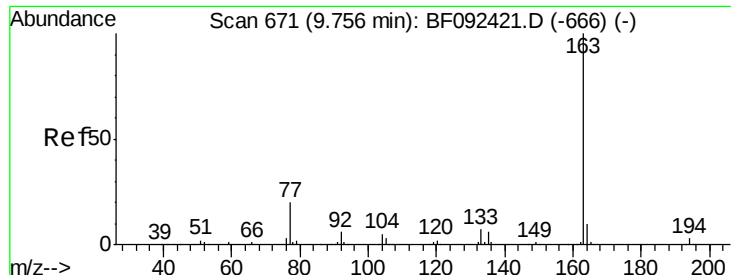
mohammad
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#48
Acenaphthylene
Concen: 45.60 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.8	11.4	17.2





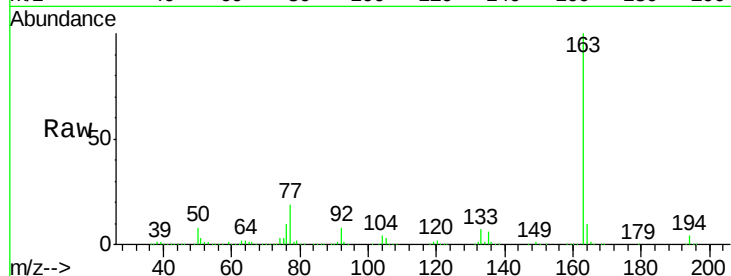
#49
Dimethylphthalate
Concen: 49.80 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.0	12.0

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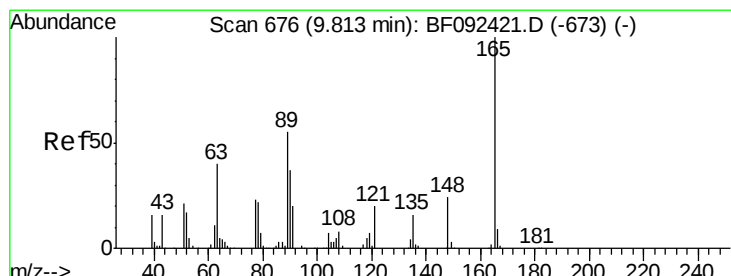
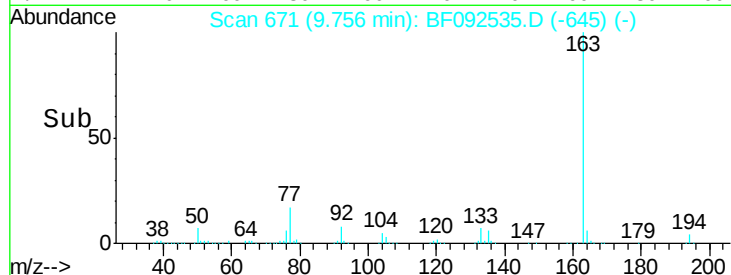
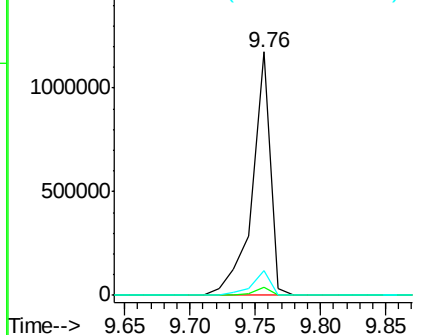


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 50.42 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

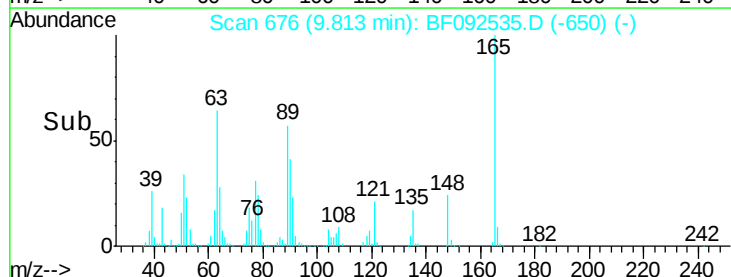
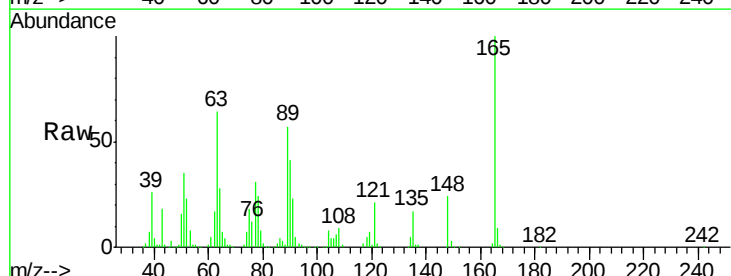
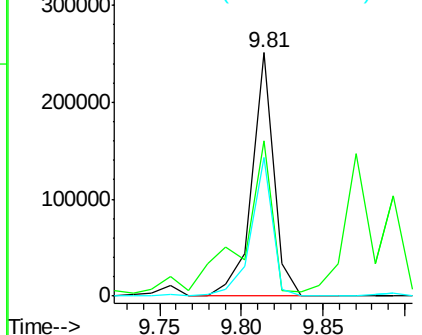
Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.6	36.2	54.4#
89	57.0	40.2	60.4

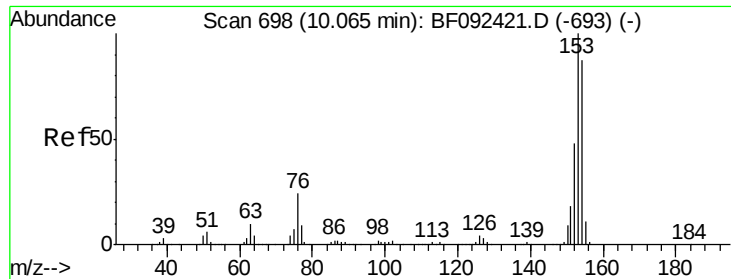
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.06 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

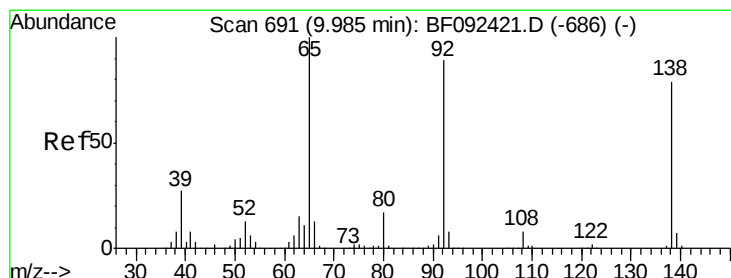
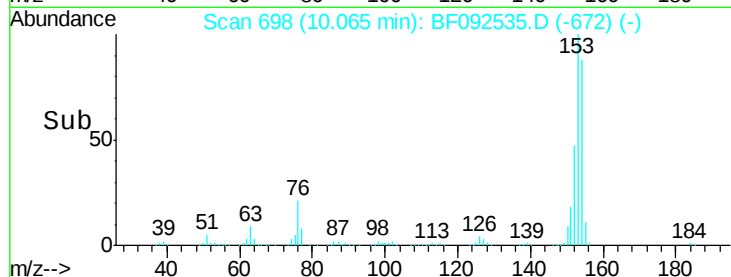
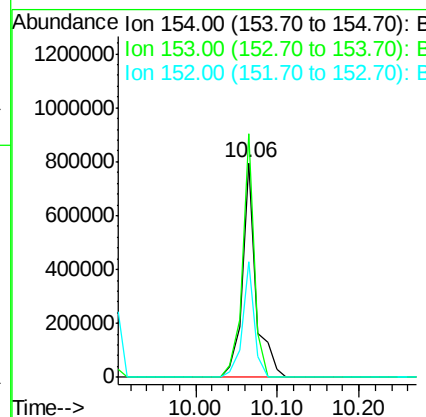
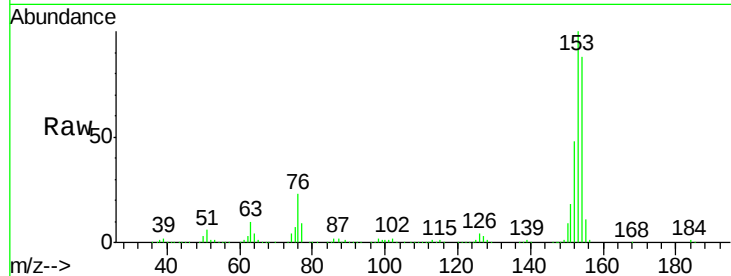
ClientSampleId :

PB96342BS

Tot Ion:	154	Resp:	928475
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.6	133.0
152	53.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 21.18 ng

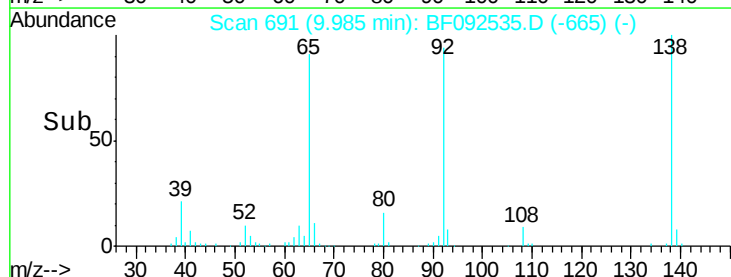
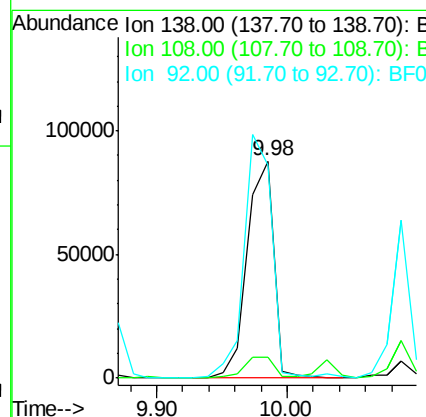
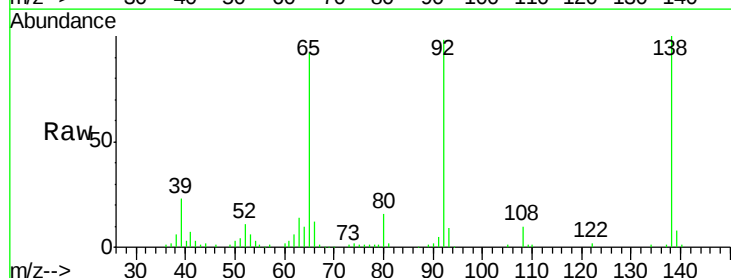
RT: 9.98 min Scan# 691

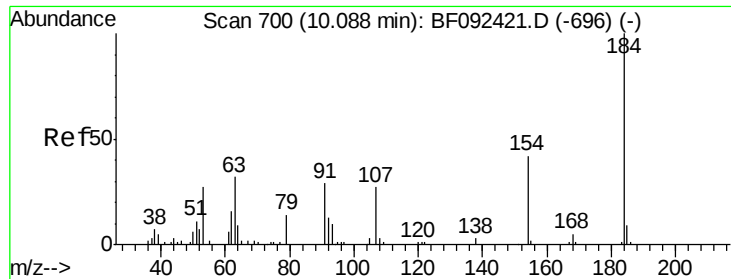
Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion:	138	Resp:	123748
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	98.2	97.8	146.8





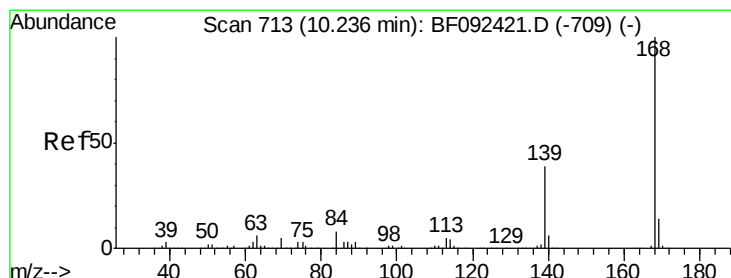
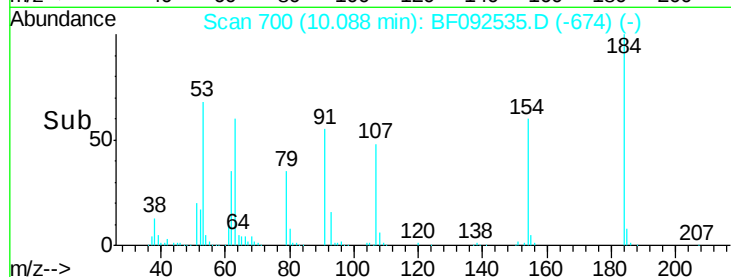
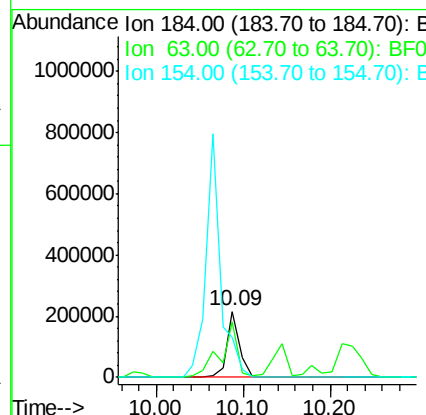
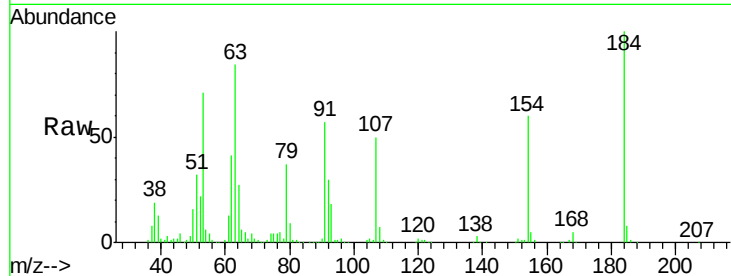
#53
 2,4-Dinitrophenol
 Concen: 75.25 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampled :
 PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	224615		
63	84.1	28.4	42.6#	
154	60.4	44.3	66.5	

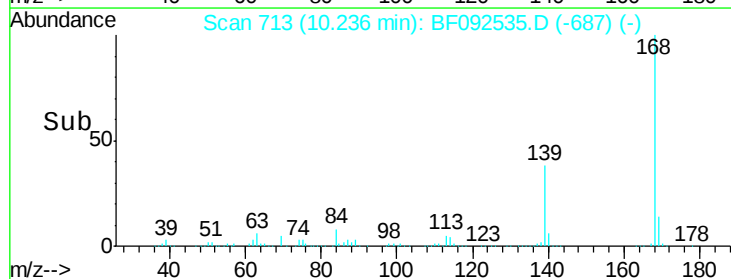
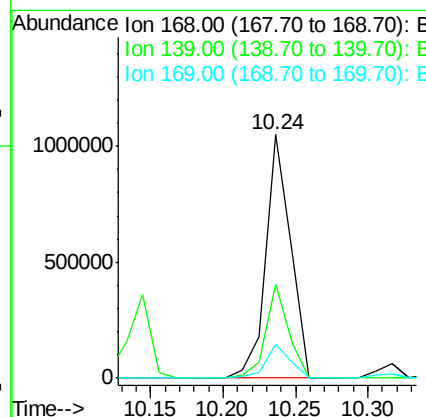
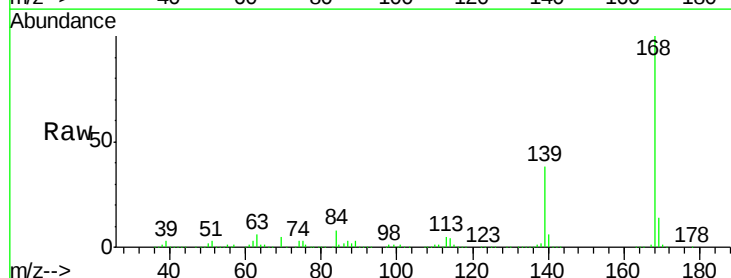
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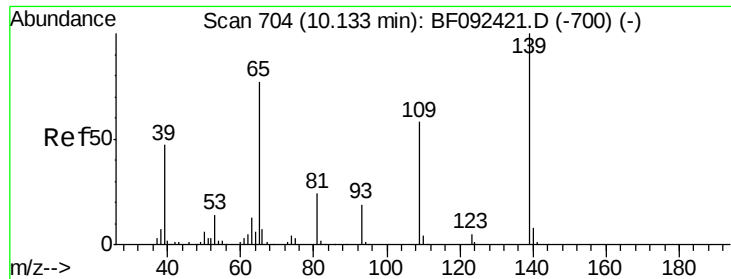
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#54
 Dibenzofuran
 Concen: 47.24 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1239155		
139	38.4	32.6	49.0	
169	14.1	11.3	16.9	





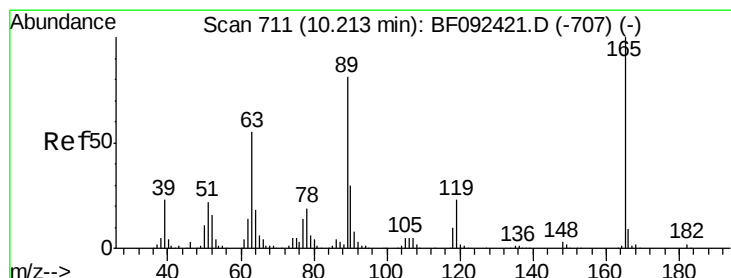
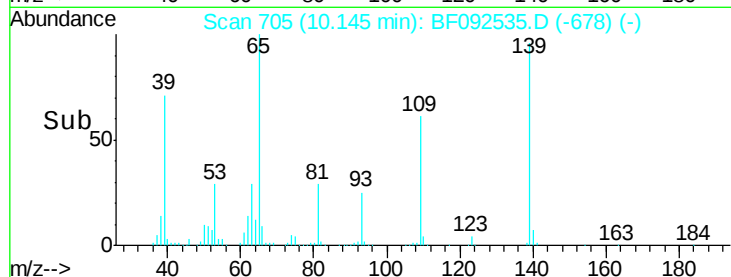
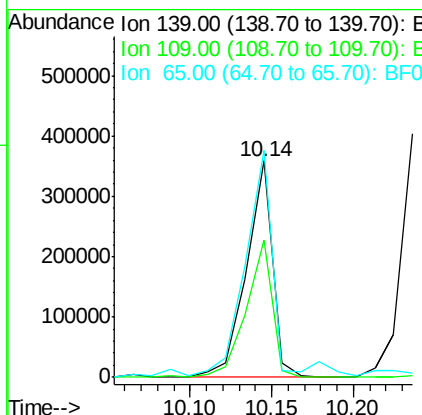
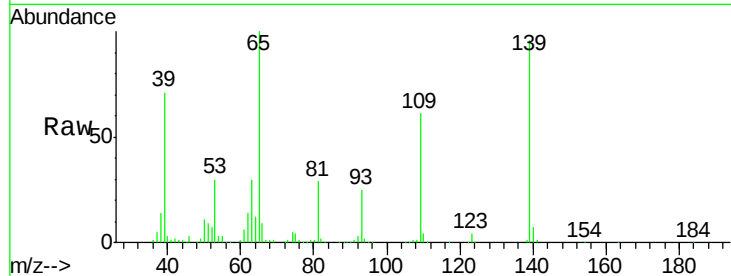
#55
4-Nitrophenol
Concen: 85.76 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	398010		
109	63.5	52.2	92.2	
65	104.6	85.8	125.8	

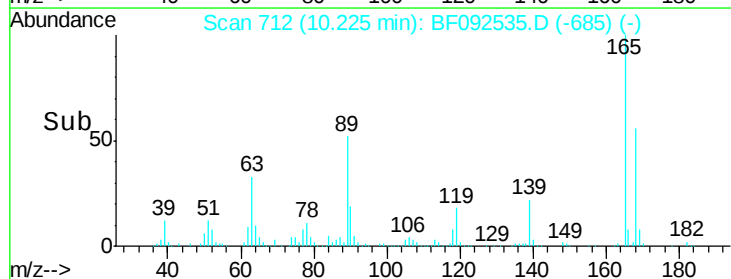
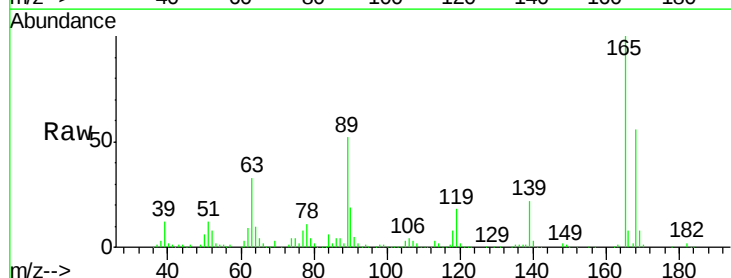
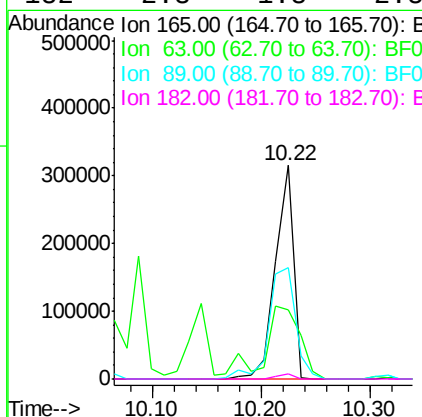
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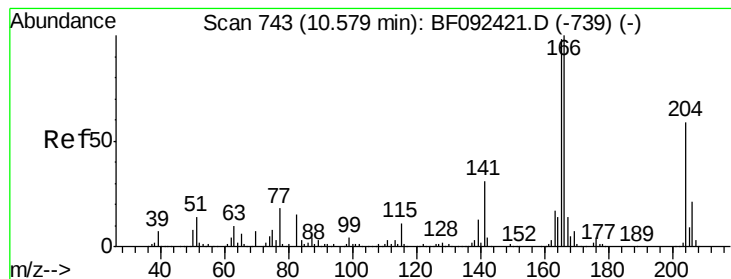
mohammad
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#56
2,4-Dinitrotoluene
Concen: 58.91 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	364876		
63	32.6	40.2	60.4#	
89	52.3	62.5	93.7#	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 46.85 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

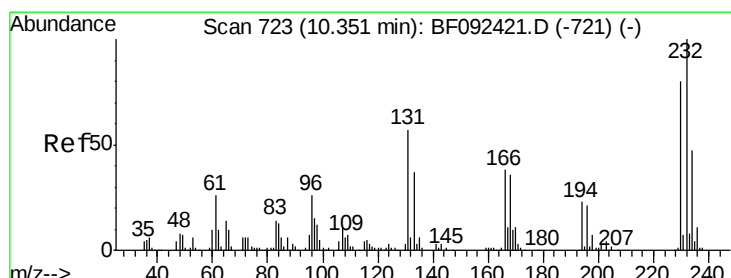
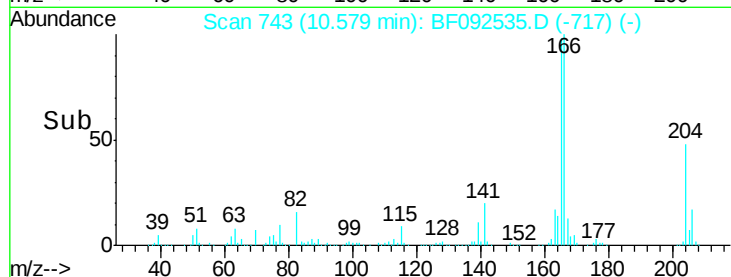
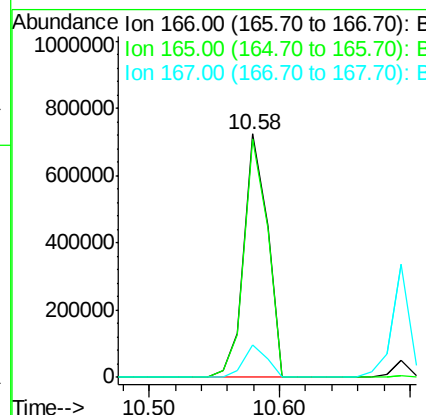
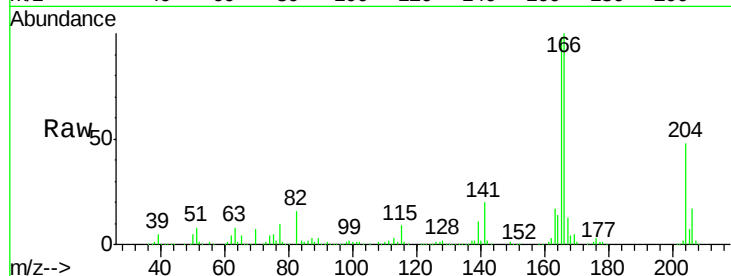
ClientSampled :

PB96342BS

Tot Ion:	166	Resp:	911240
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.8	116.8
167	13.5	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.11 ng m

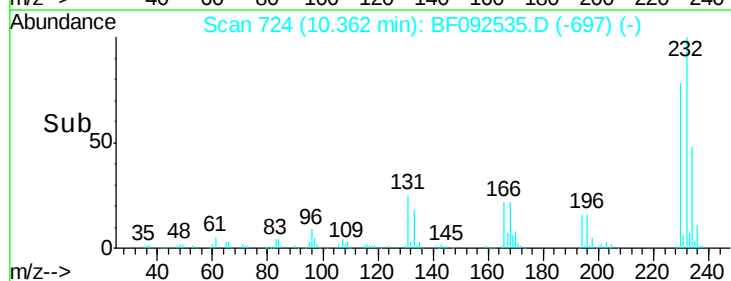
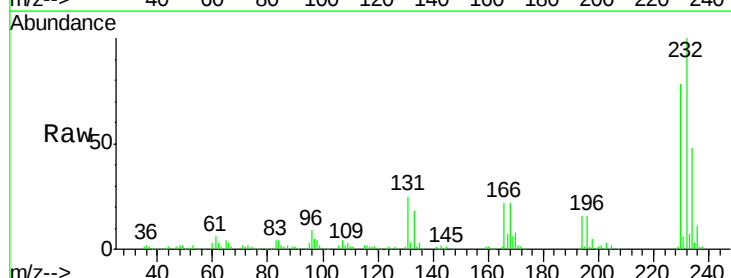
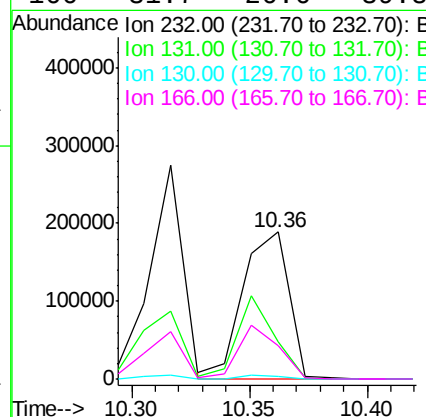
RT: 10.36 min Scan# 724

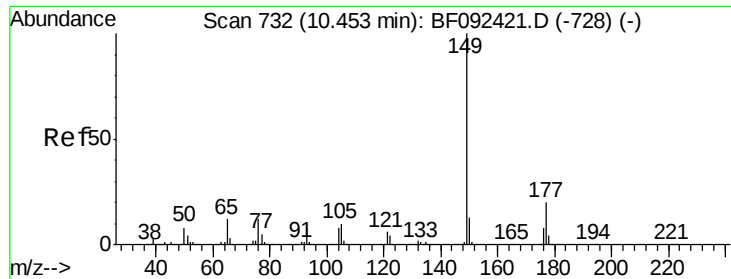
Delta R.T. 0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion:	232	Resp:	257355
Ion Ratio	Lower	Upper	
232	100		
131	45.6	40.1	60.1
130	2.3	1.8	2.8
166	31.7	26.6	39.8





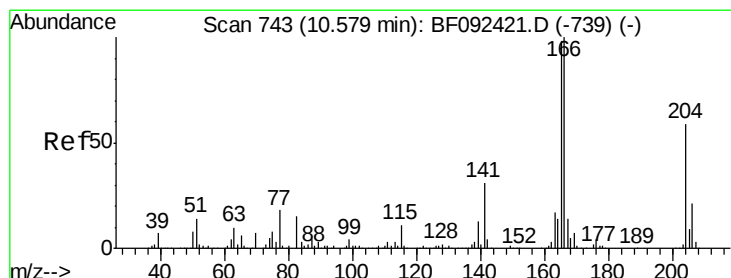
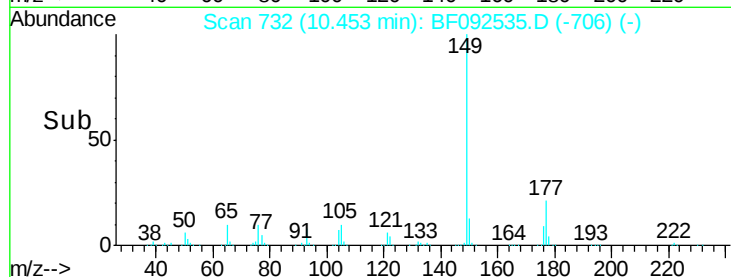
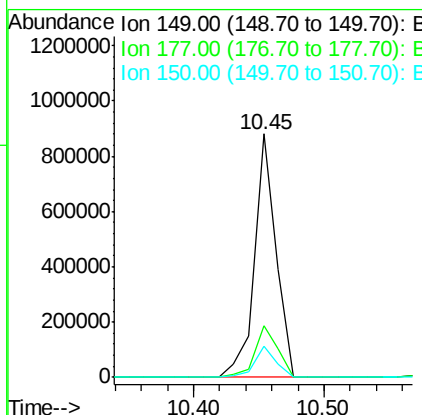
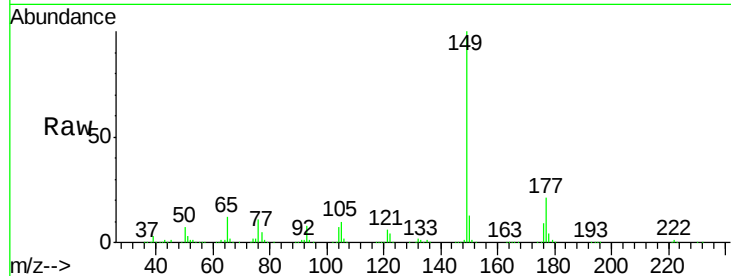
#59
Diethylphthalate
Concen: 46.03 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB96342BS

Tot Ion:149 Resp: 1007580
Ion Ratio Lower Upper
149 100
177 21.4 16.6 25.0
150 13.0 10.4 15.6

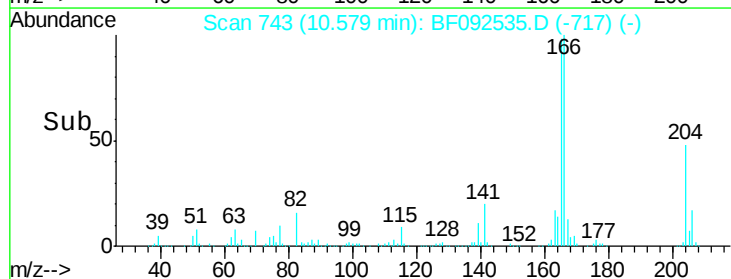
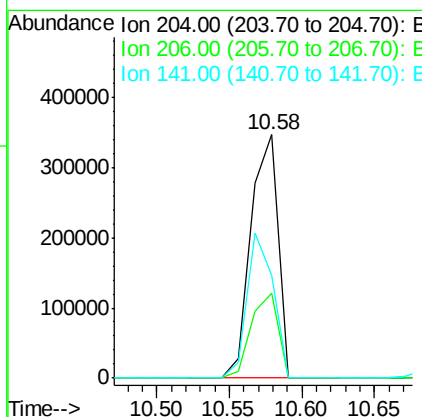
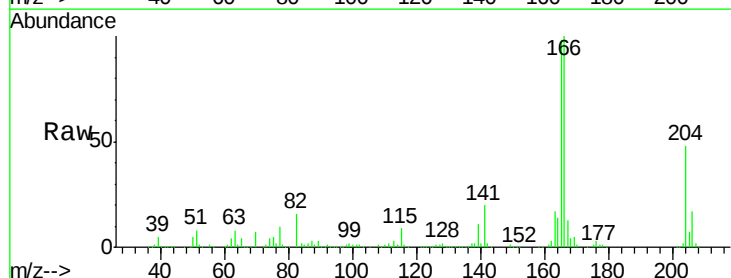
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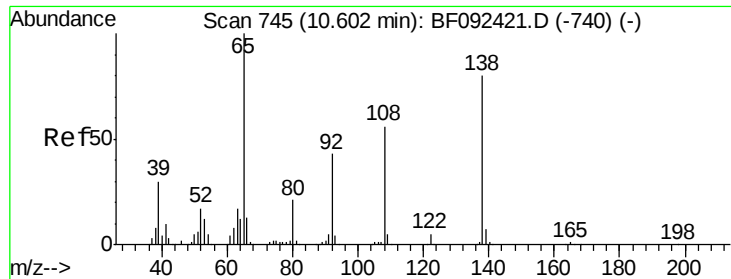
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.76 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion:204 Resp: 450489
Ion Ratio Lower Upper
204 100
206 34.9 25.8 38.6
141 42.5 59.4 89.0#





#61

4-Nitroaniline

Concen: 42.16 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

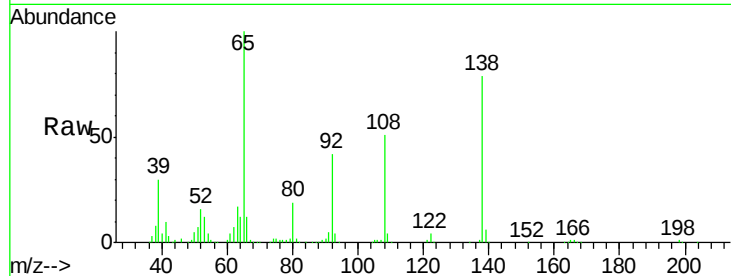
ClientSampleId :

PB96342BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	31.7	71.7
108	64.4	52.6	92.6

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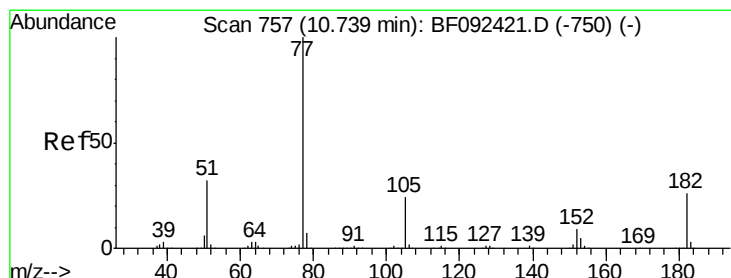
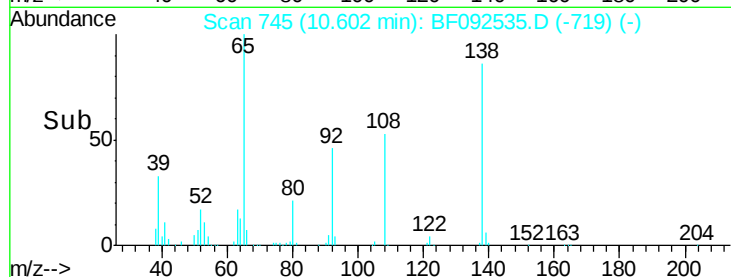
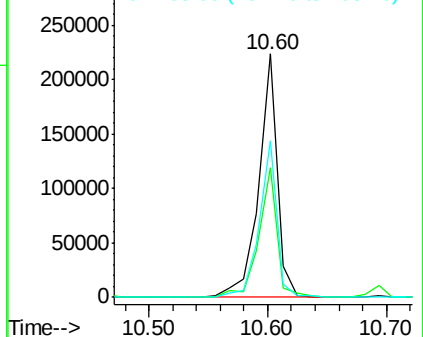


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.86 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.7	0.0	39.3
105	26.4	2.3	42.3
51	28.4	8.9	48.9

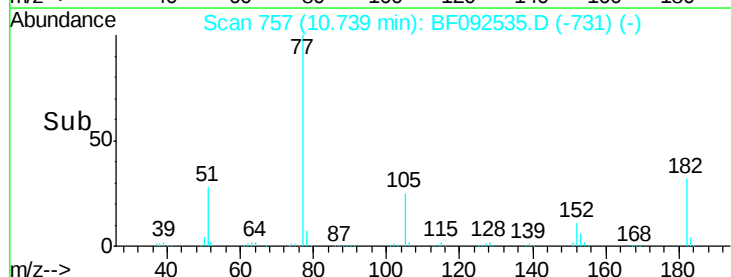
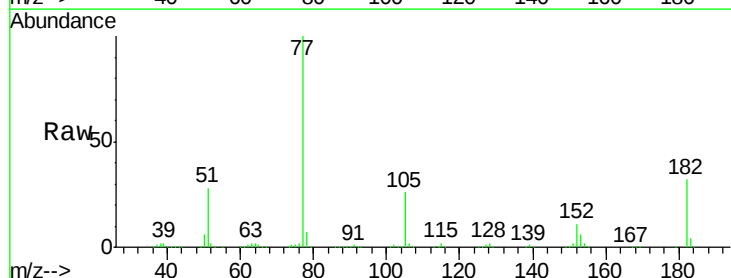
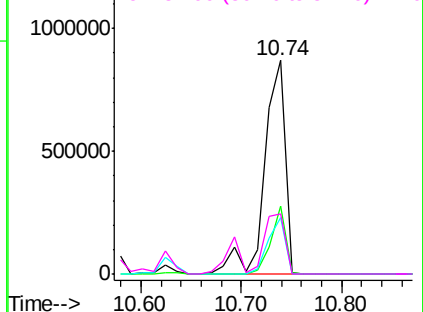
Abundance

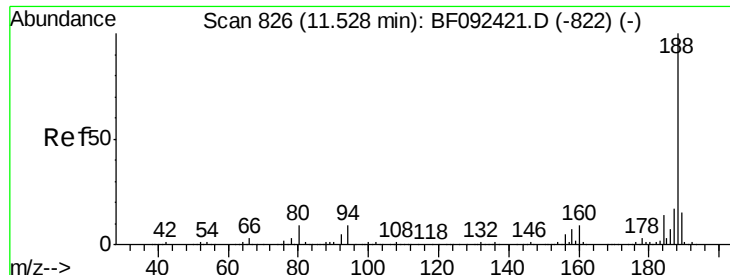
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





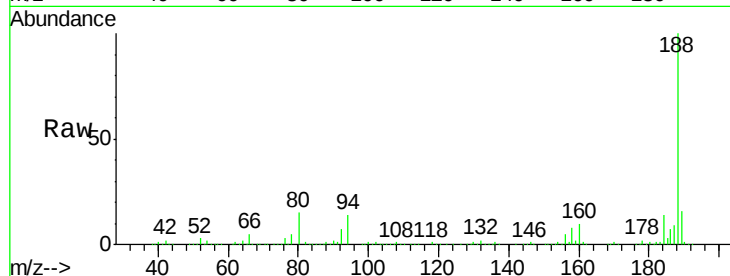
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	601635		
94	14.1	10.0	15.0	
80	14.9	11.2	16.8	

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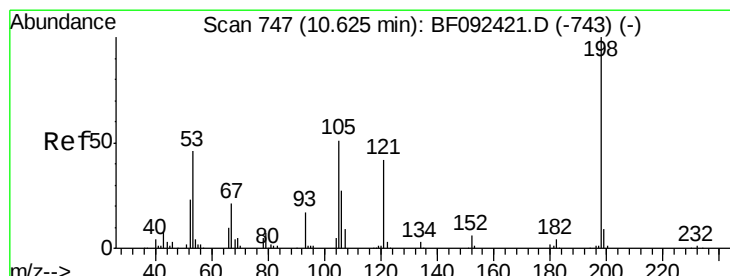
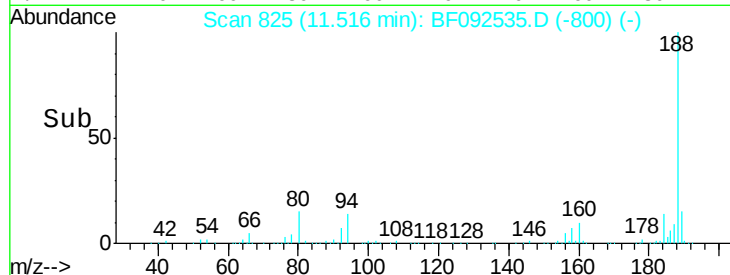
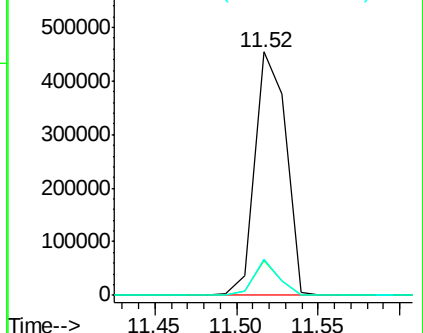
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Abundance Ion 188.00 (187.70 to 188.70): E

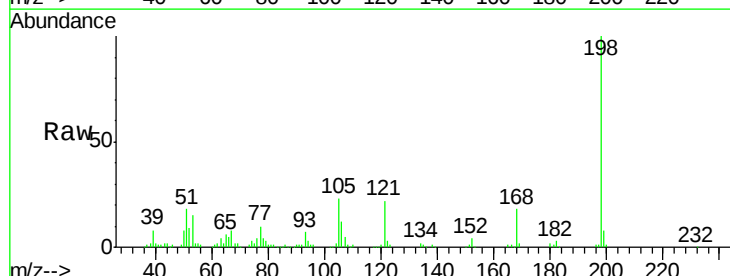
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 54.48 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

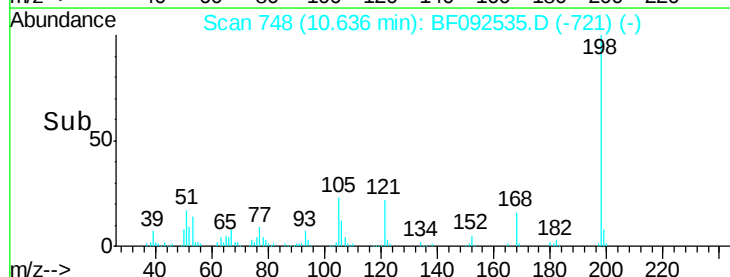
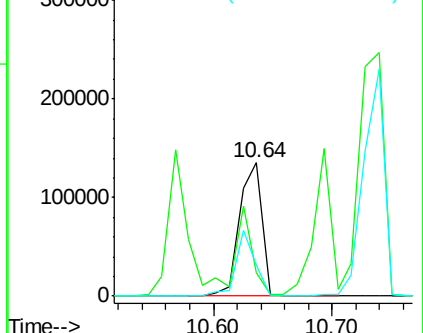
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	179045		
51	17.6	6.7	46.7	
105	23.4	16.6	56.6	

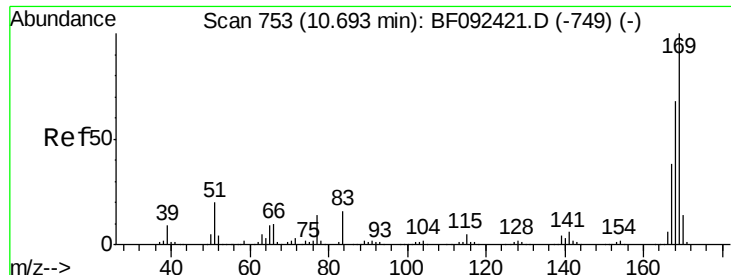


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





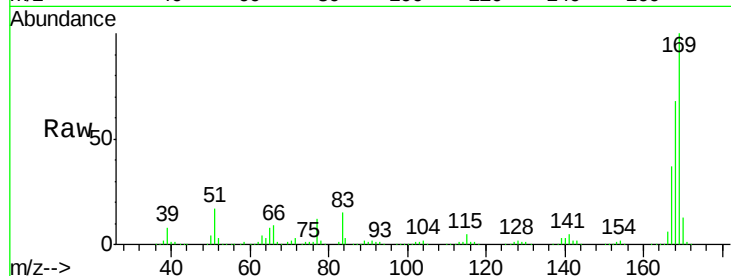
#65
 n-Nitrosodiphenylamine
 Concen: 45.44 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

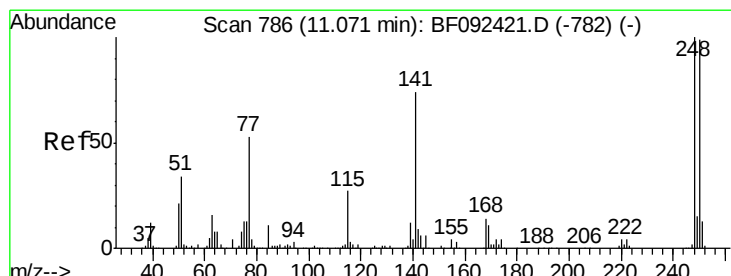
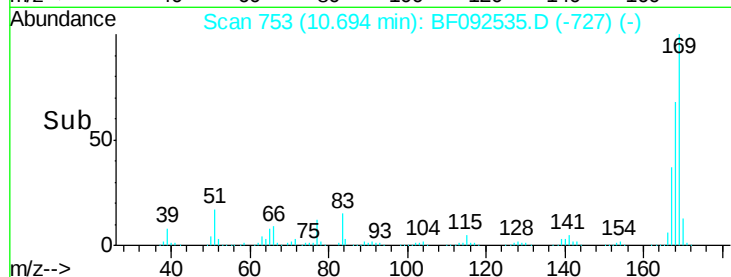
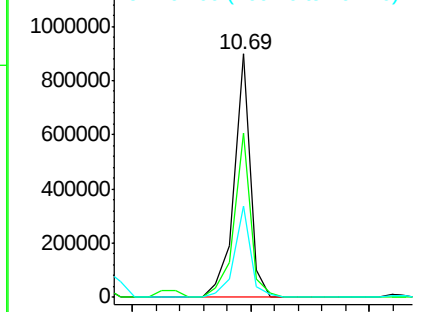
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.2
167	37.3	30.2	45.4

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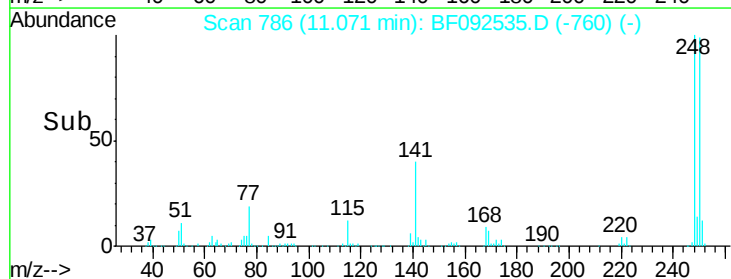
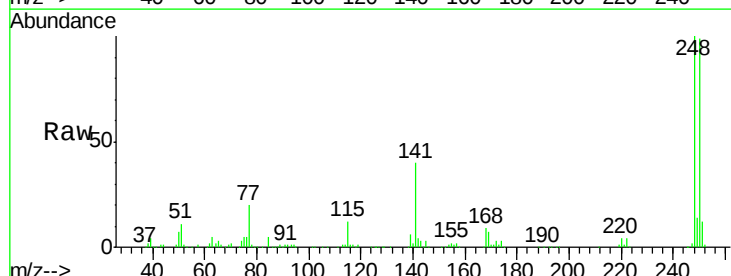
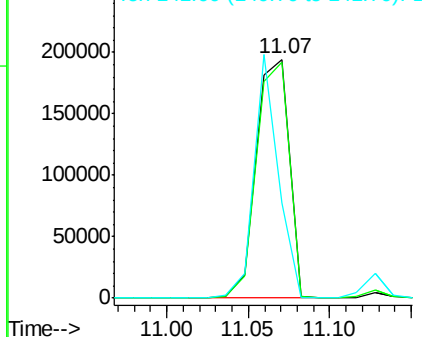
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

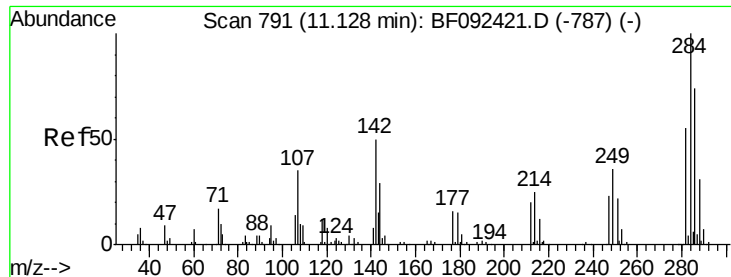


#66
 4-Bromophenyl-phenylether
 Concen: 44.99 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	39.6	68.2	102.4

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





#67

Hexachlorobenzene

Concen: 42.44 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

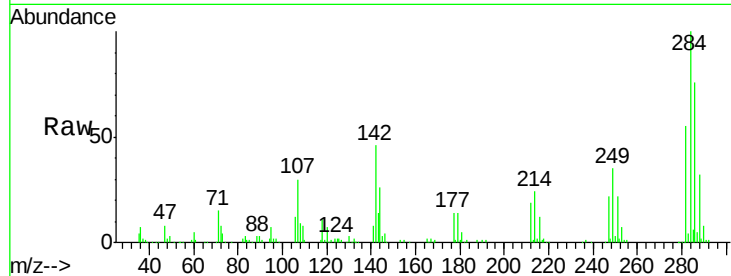
ClientSampleId :

PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	260612		
142	45.9	22.6	33.8#	
249	34.9	25.4	38.0	

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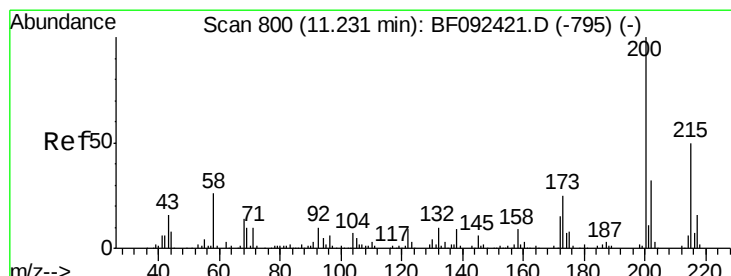
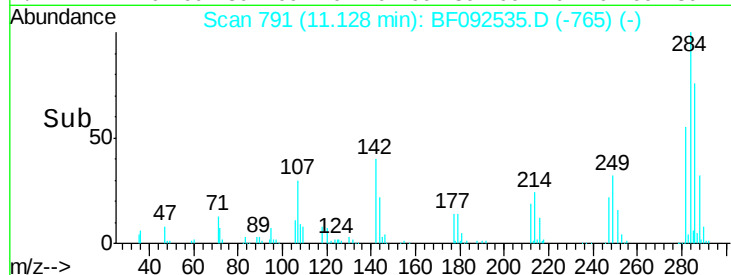
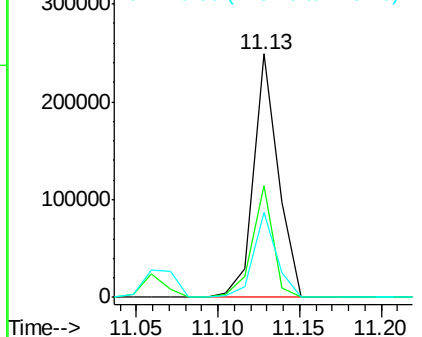
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.73 ng

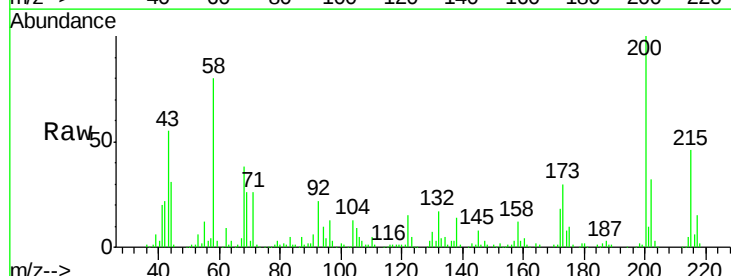
RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

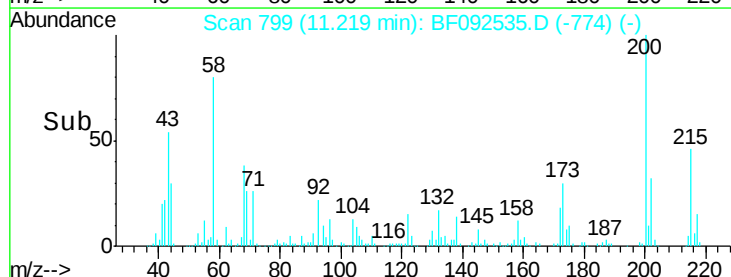
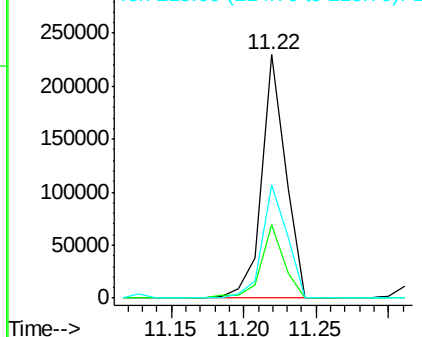
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	261935		
173	30.0	9.6	49.6	
215	46.4	25.7	65.7	

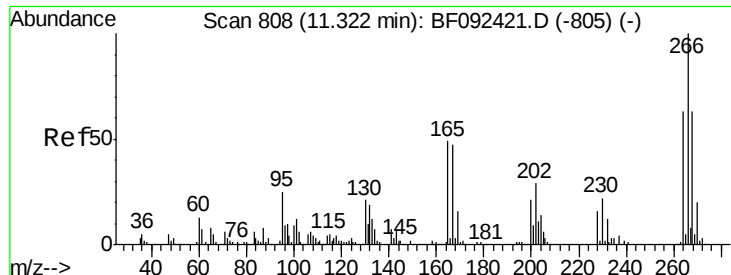


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





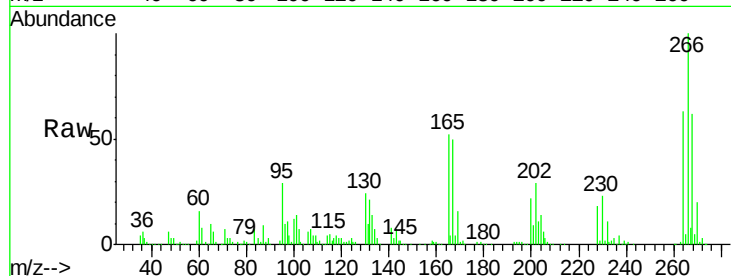
#69
 Pentachlorophenol
 Concen: 80.54 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

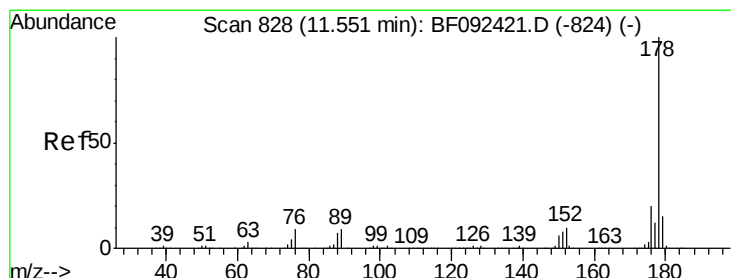
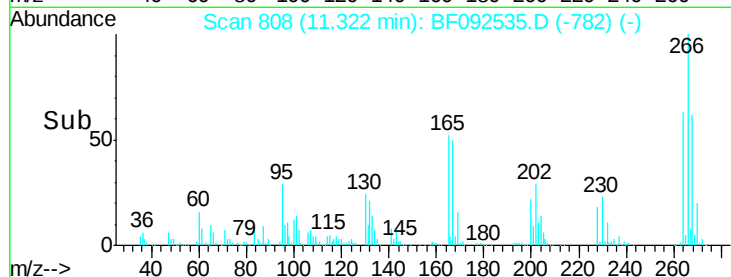
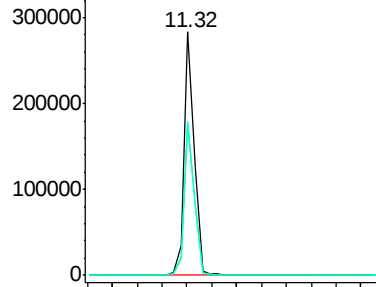
Tot Ion	Ratio	Resp	Lower	Upper
266	100	316177		
268	62.1	53.3	79.9	
264	63.3	50.3	75.5	

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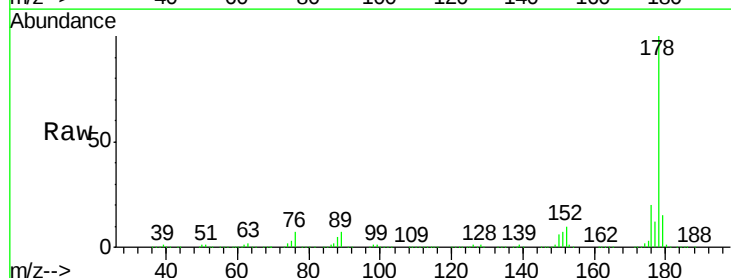


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

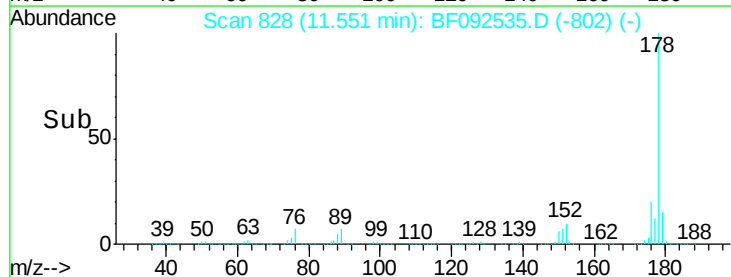
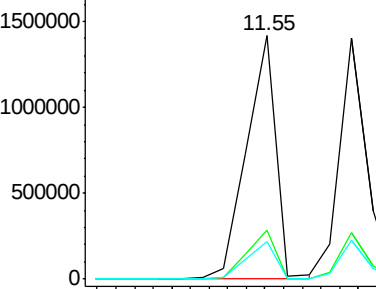


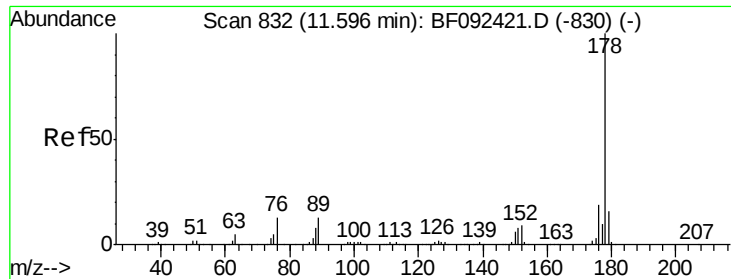
#70
 Phenanthrene
 Concen: 46.57 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1543070		
176	20.2	16.6	25.0	
179	15.4	12.8	19.2	



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





#71
 Anthracene
 Concen: 42.78 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

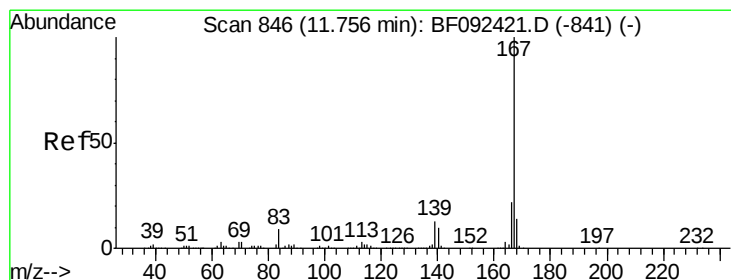
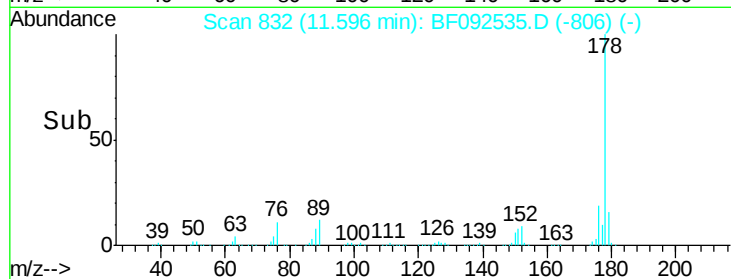
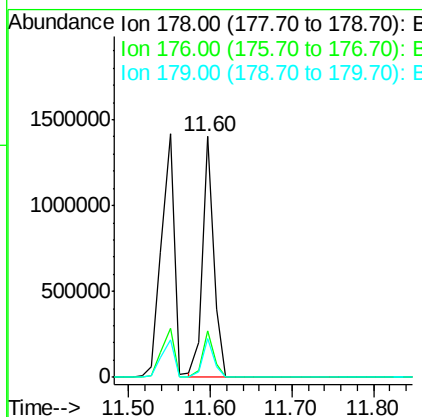
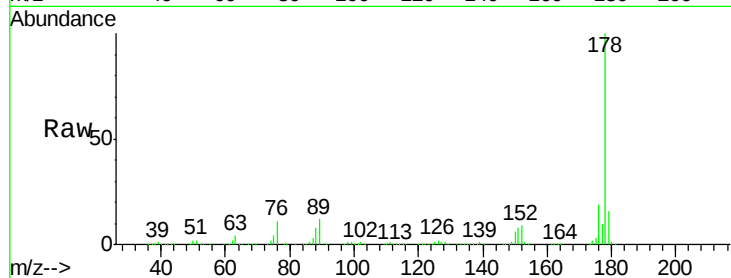
Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion:178 Resp: 1385236

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	13.2	19.8

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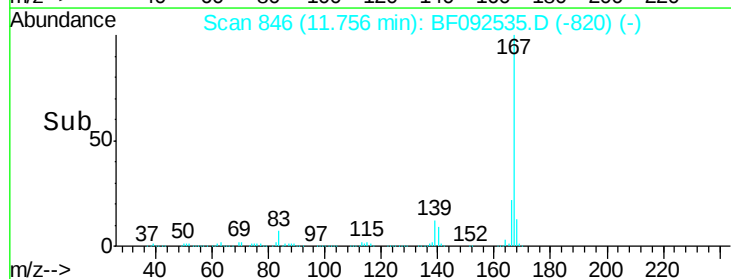
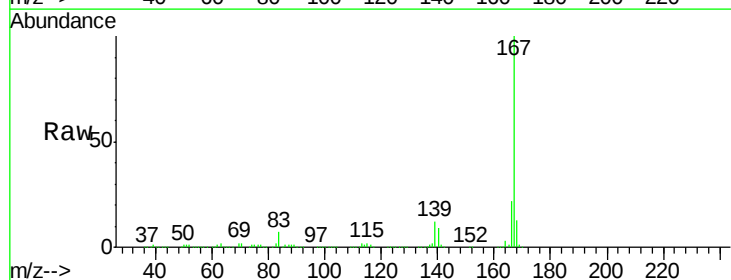
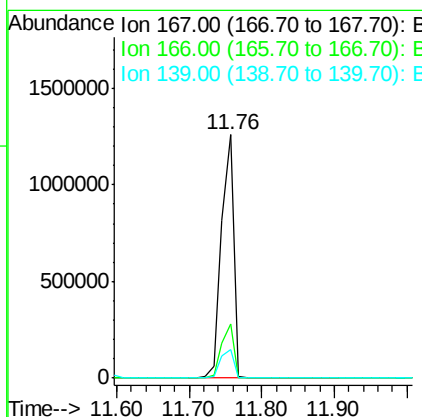
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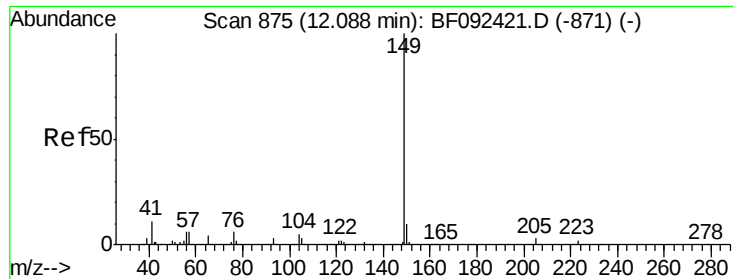


#72
 Carbazole
 Concen: 48.08 ng
 RT: 11.76 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion:167 Resp: 1486499

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	11.9	11.4	17.2





#73

Di-n-butylphthalate

Concen: 48.55 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96342BS

Tot Ion:149 Resp: 1716127

Ion Ratio Lower Upper

149 100

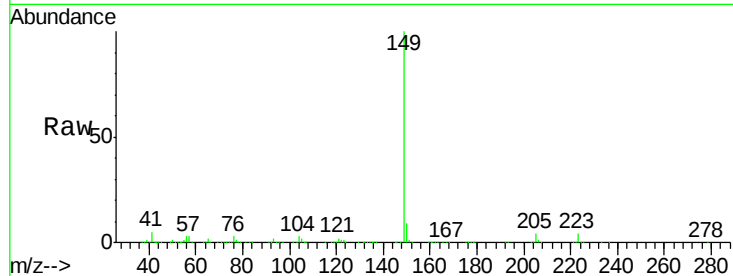
150 9.0 8.1 12.1

104 3.4 4.6 7.0#

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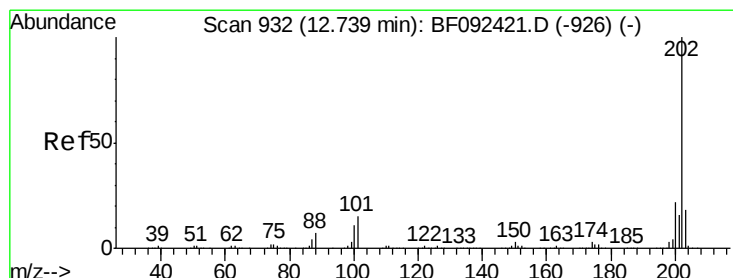
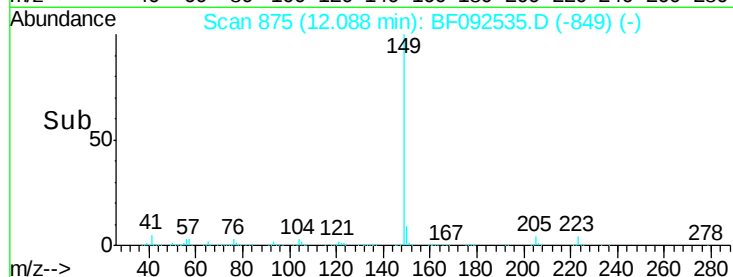
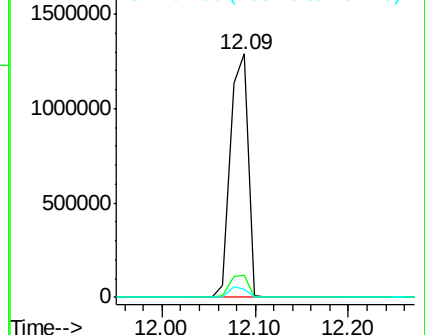
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.62 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

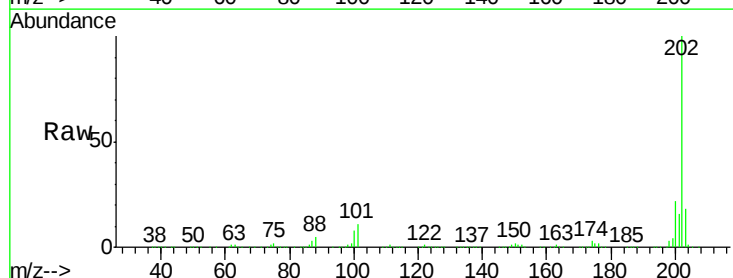
Tgt Ion:202 Resp: 1575666

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.6

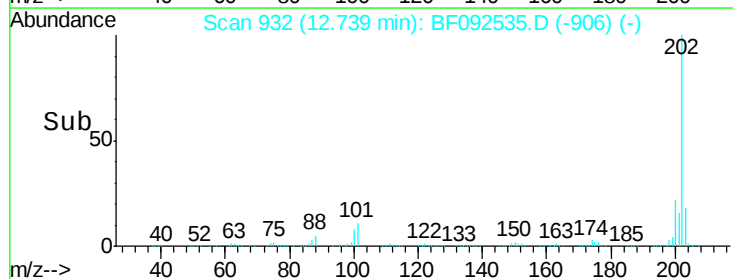
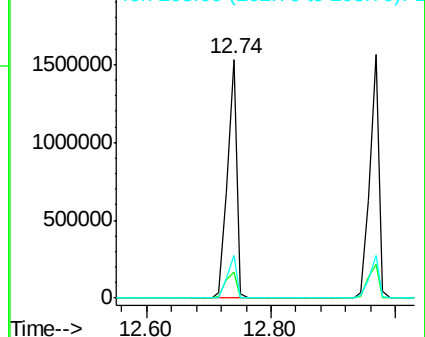
203 17.6 0.0 38.7

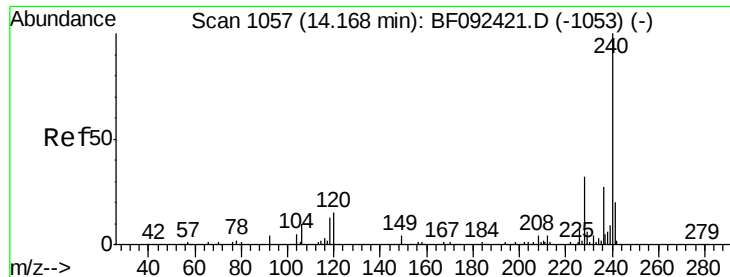


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

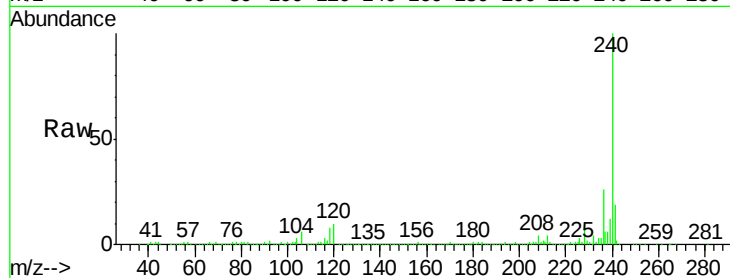
ClientSampleId :

PB96342BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.9	19.3#
236	25.8	20.9	31.3

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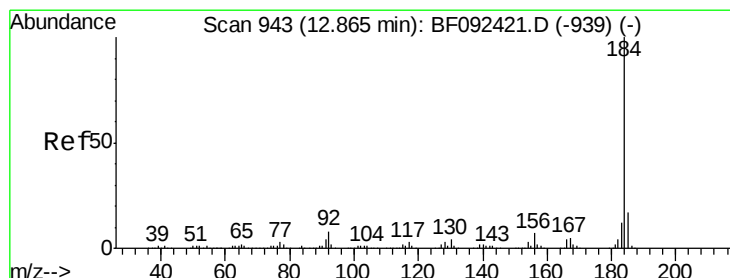
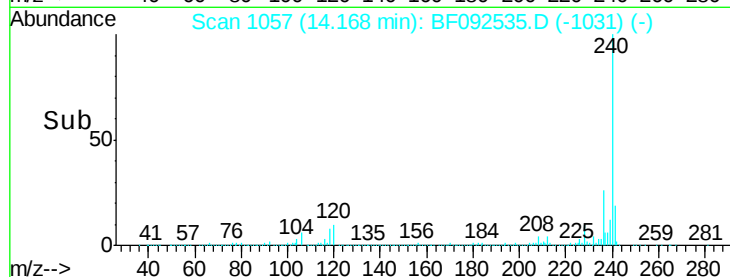
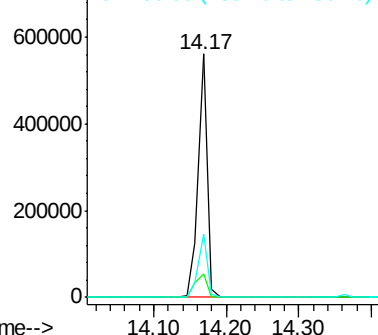
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.03 ng

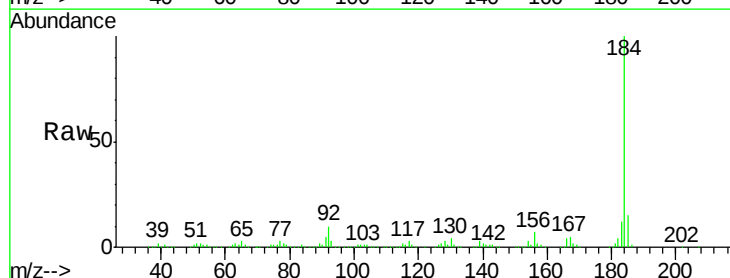
RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

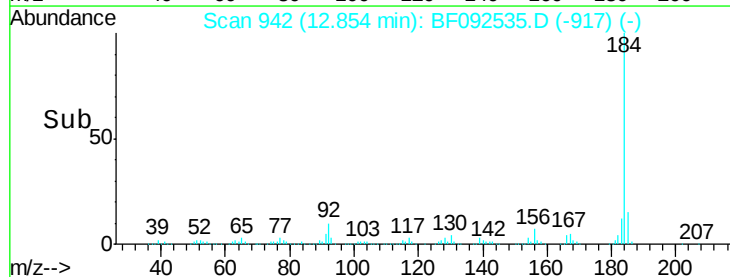
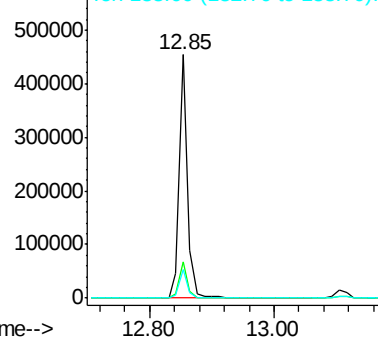
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.0
183	11.7	9.2	13.8

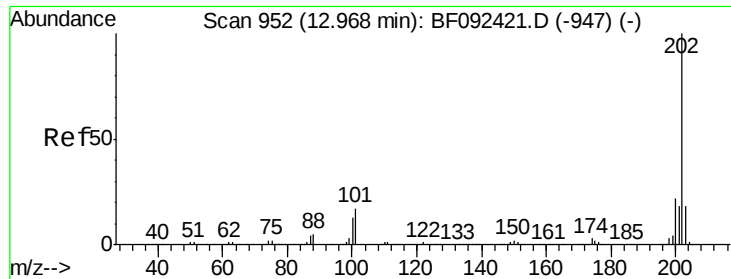


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.67 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96342BS

Tot Ion:202 Resp: 1562229

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

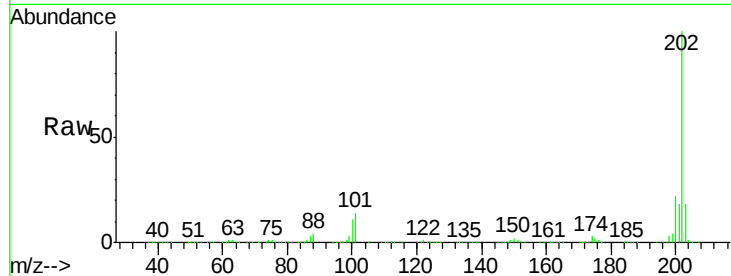
203 17.7 14.7 22.1

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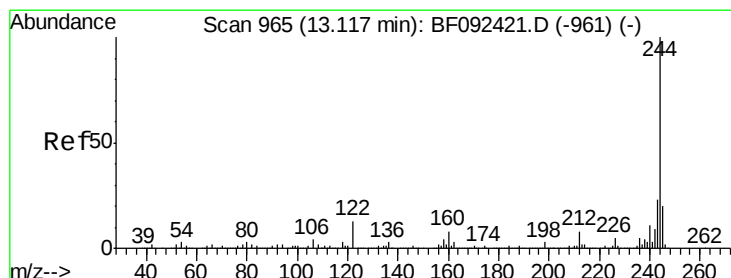
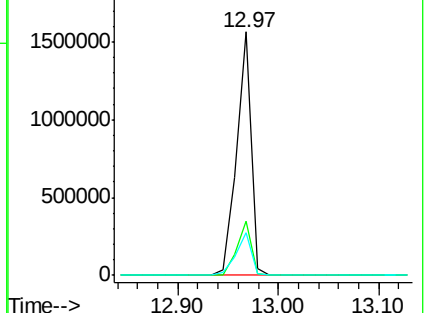
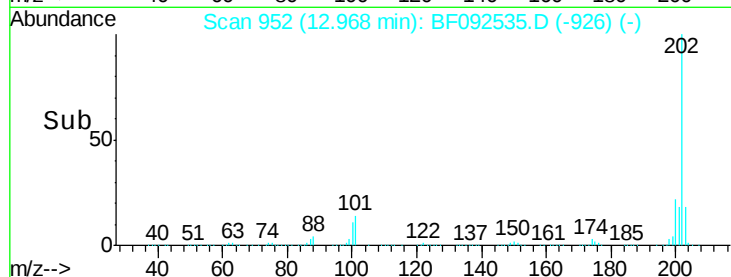
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.64 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

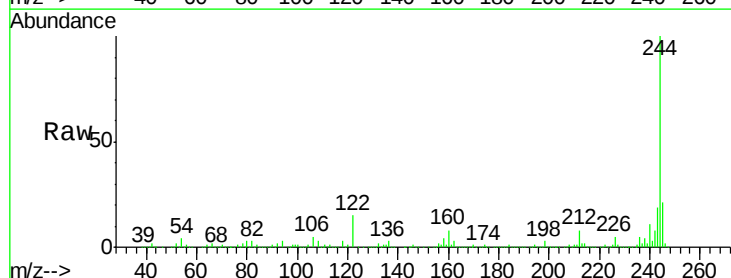
Tgt Ion:244 Resp: 1680725

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

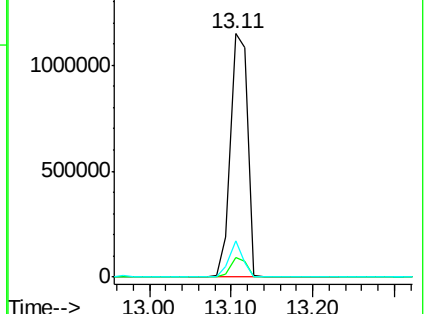
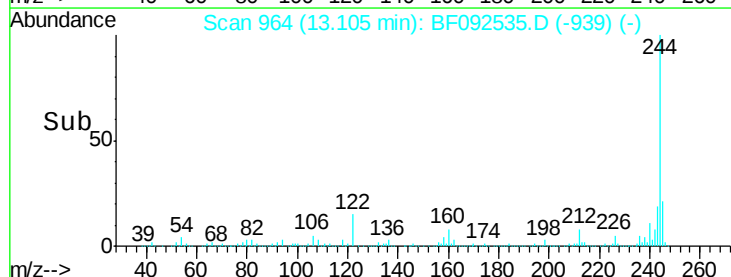
122 15.1 11.4 17.2

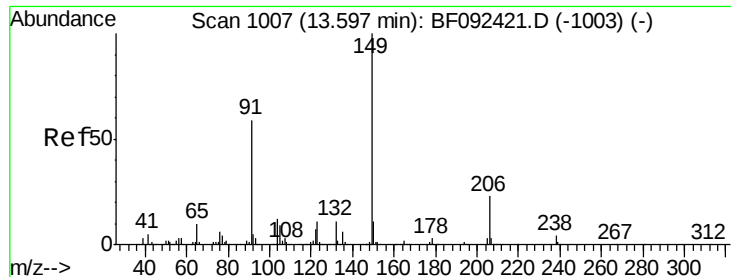


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





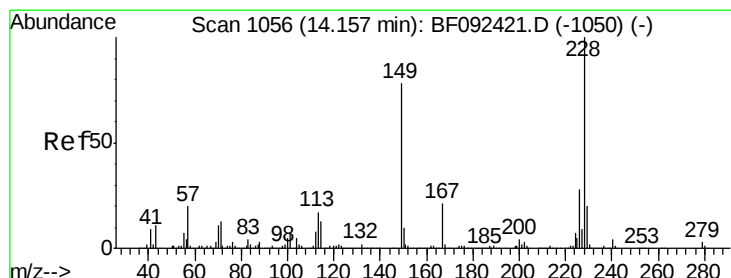
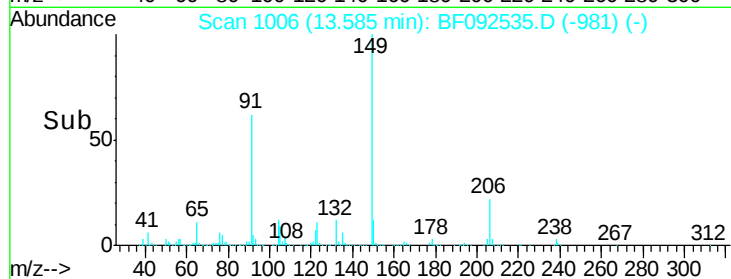
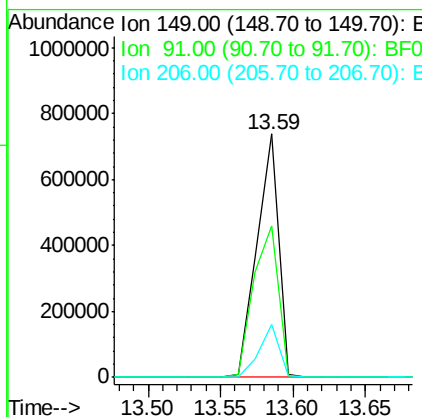
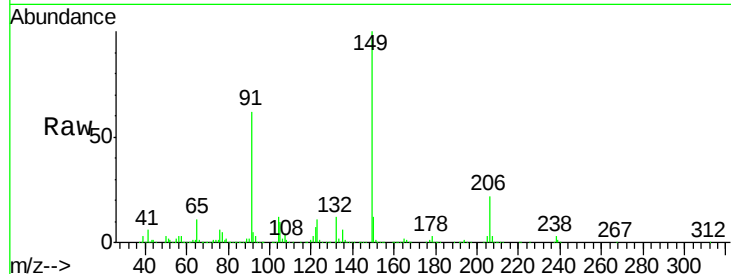
#79
Butylbenzylphthalate
Concen: 53.01 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	768330		
91	62.3	63.9	95.9#	
206	21.8	14.6	21.8	

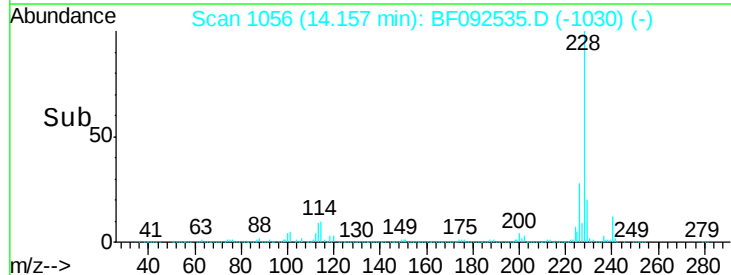
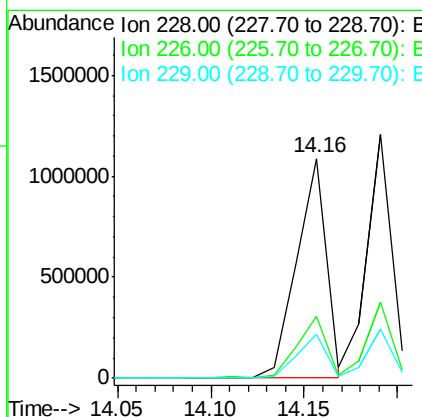
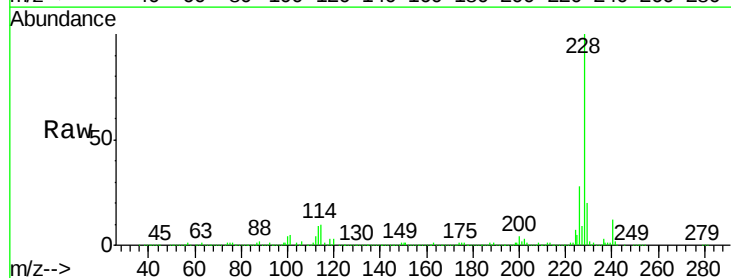
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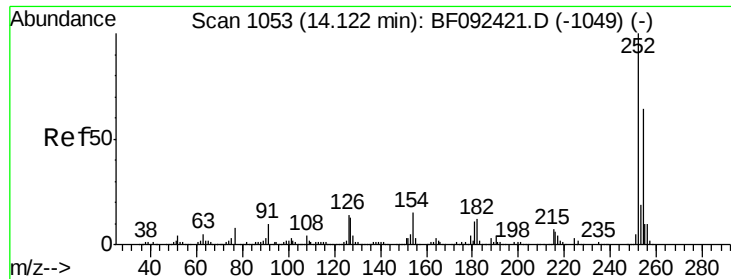
mohammad
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#80
Benzo(a)anthracene
Concen: 45.67 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1211842		
226	28.2	22.4	33.6	
229	20.1	16.2	24.4	





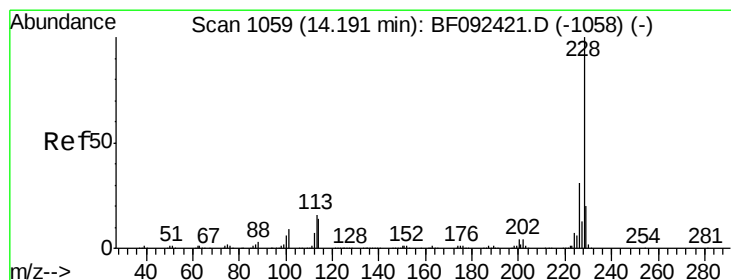
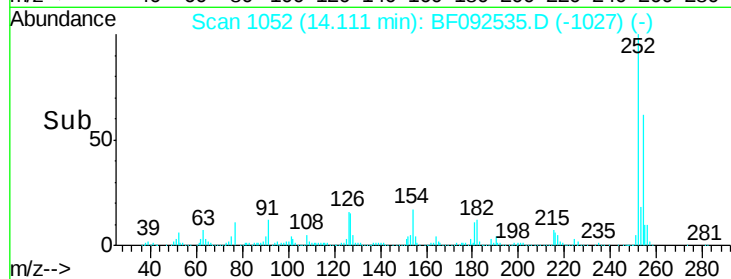
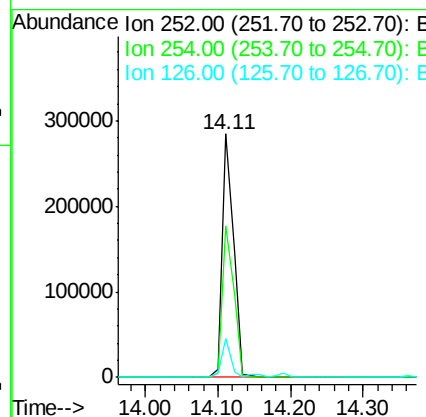
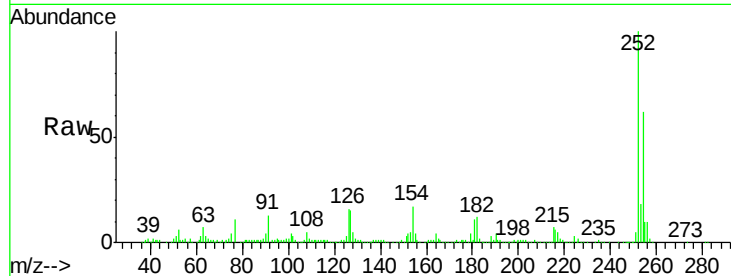
#81
 3,3'-Dichlorobenzidine
 Concen: 30.78 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96342BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.3	78.5
126	15.9	13.6	20.4

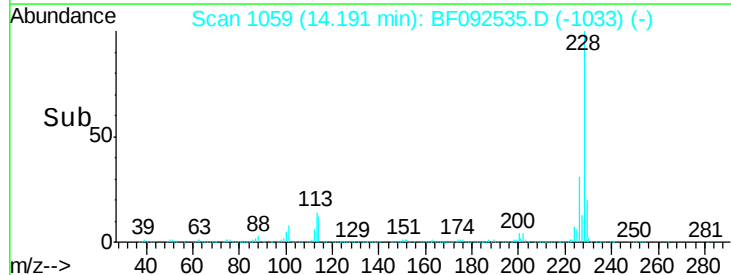
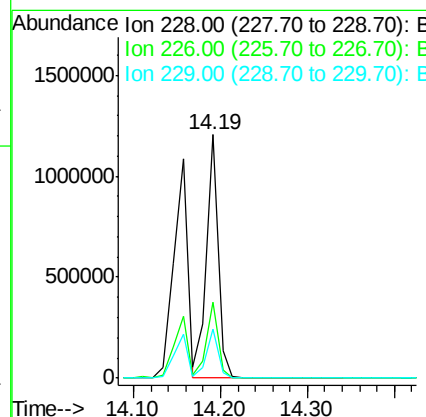
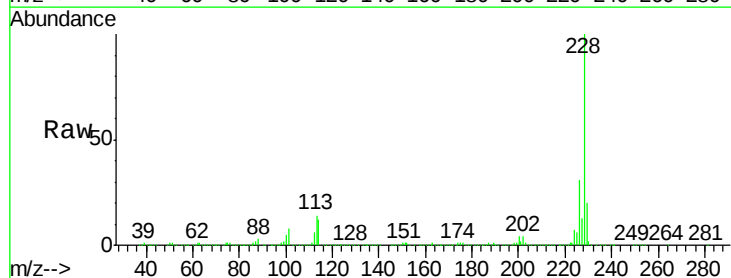
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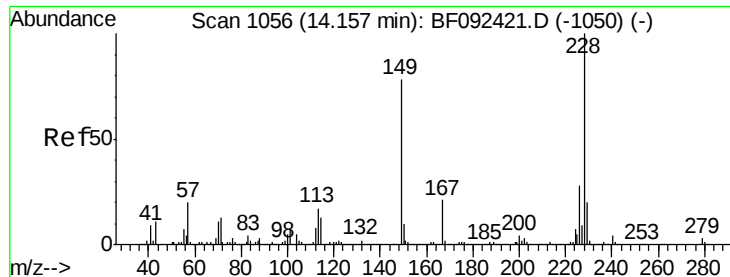
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#82
 Chrysene
 Concen: 39.41 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF092535.D
 Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.20 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

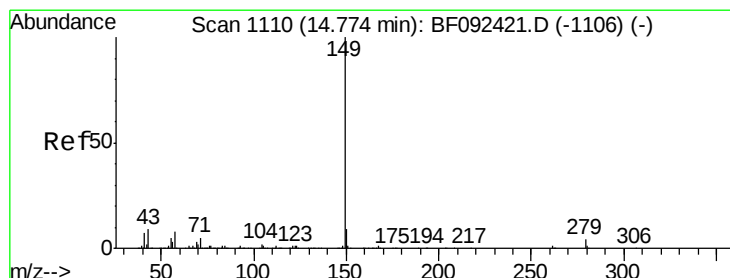
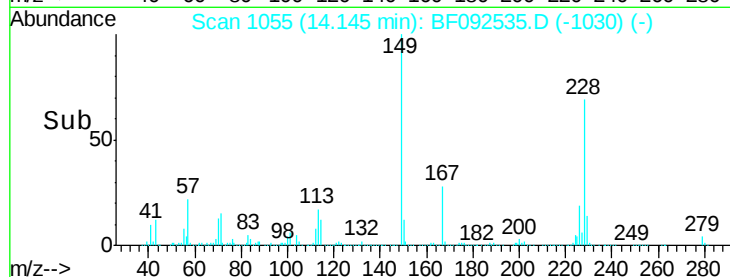
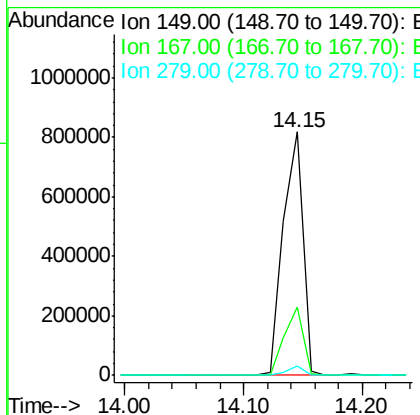
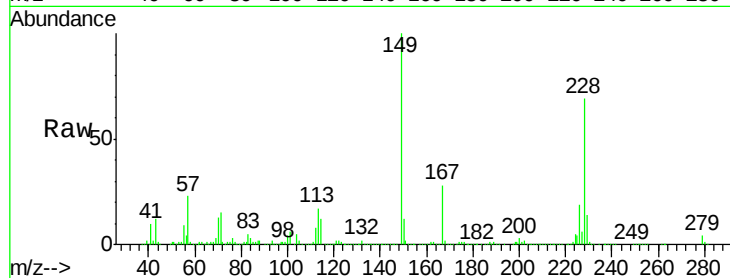
ClientSampled :

PB96342BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	934492		
167	27.9	20.2	30.4	
279	4.1	1.8	2.8#	

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#84

Di-n-octyl phthalate

Concen: 50.10 ng

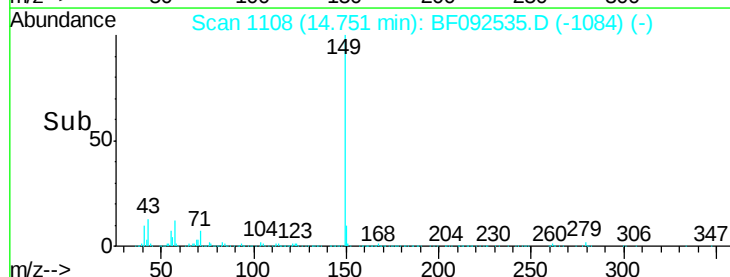
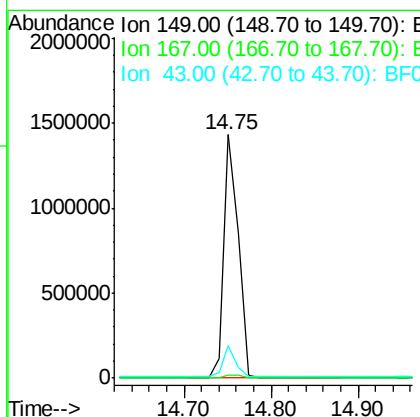
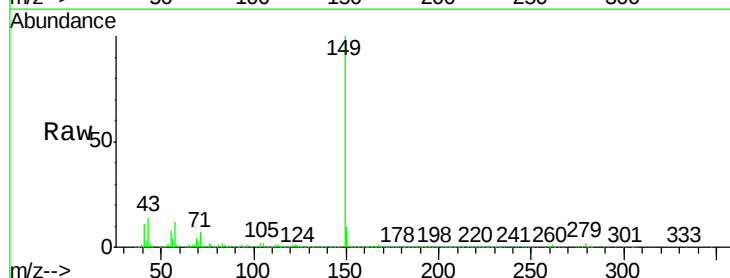
RT: 14.75 min Scan# 1108

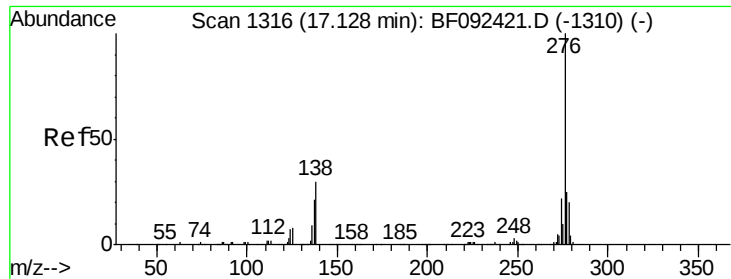
Delta R.T. -0.02 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1660047		
167	1.5	1.3	1.9	
43	11.4	8.9	13.3	





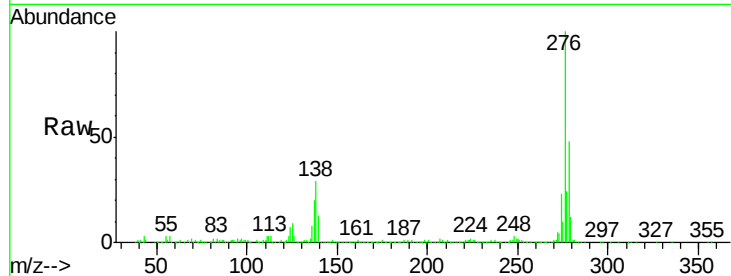
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.56 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

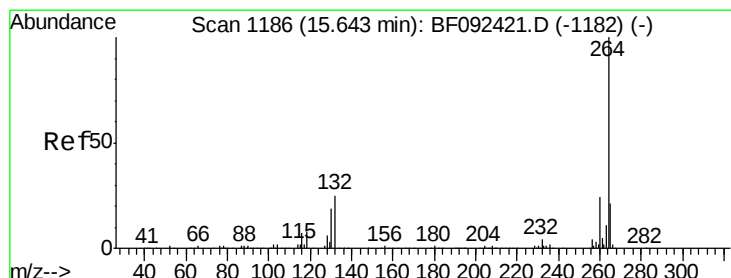
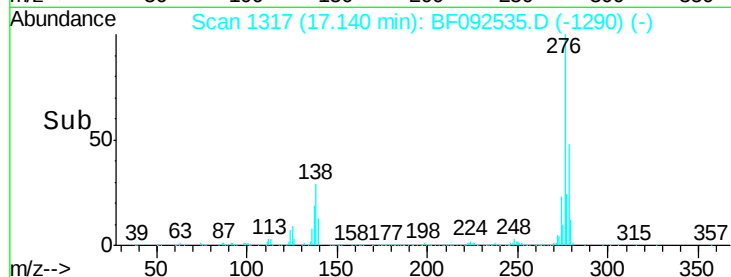
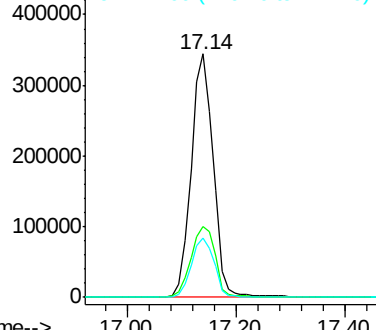
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.6
277	25.5	20.2	30.4

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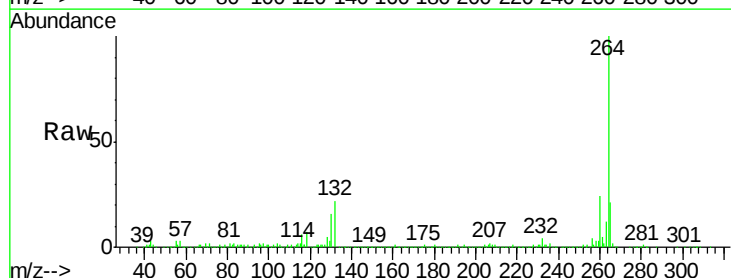


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

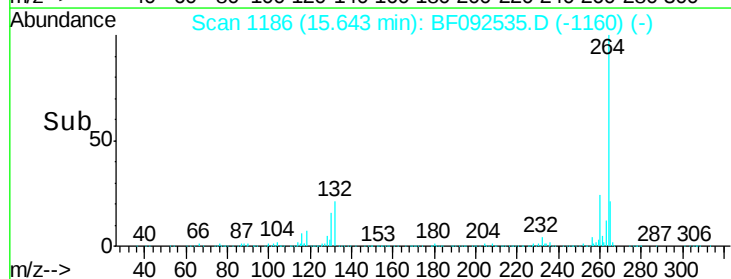
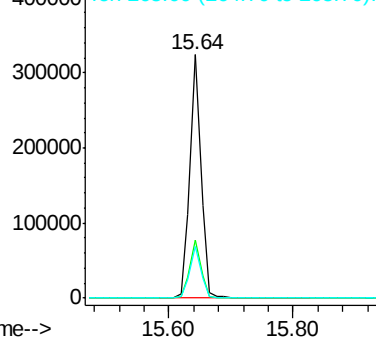


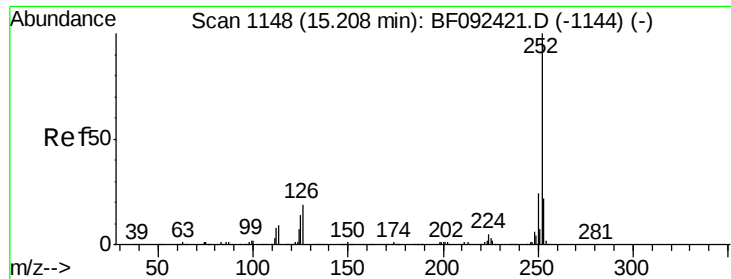
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0



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





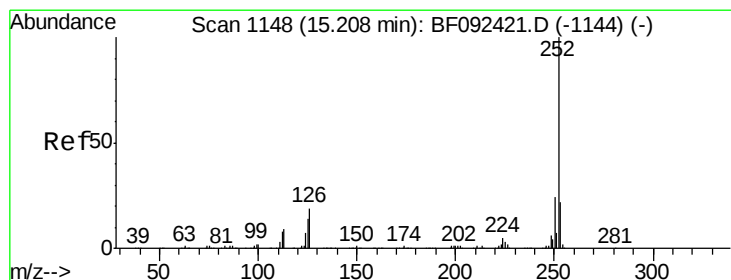
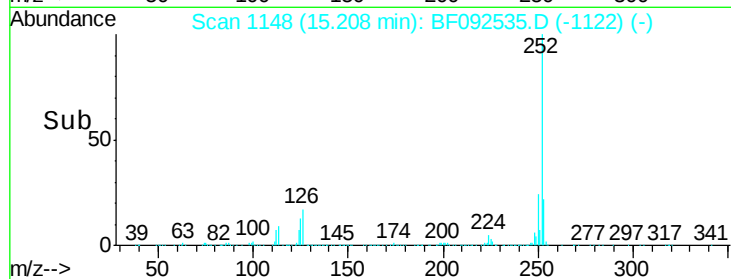
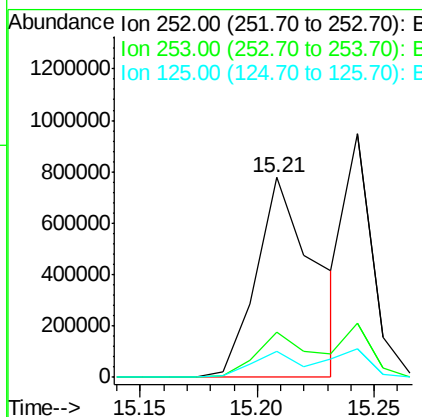
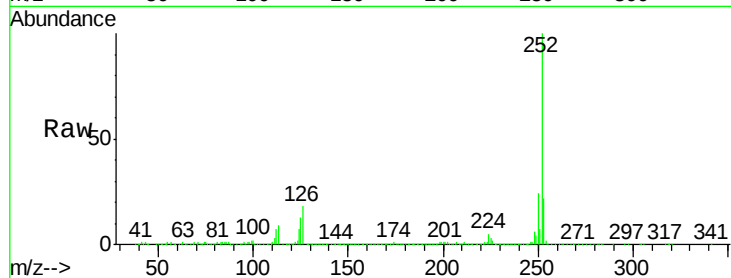
#87
Benzo(b)fluoranthene
Concen: 52.60 ng m
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96342BS

Tot Ion:252 Resp: 1354609
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 13.3 9.8 14.6

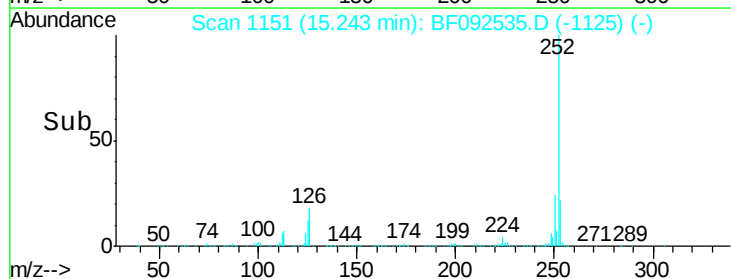
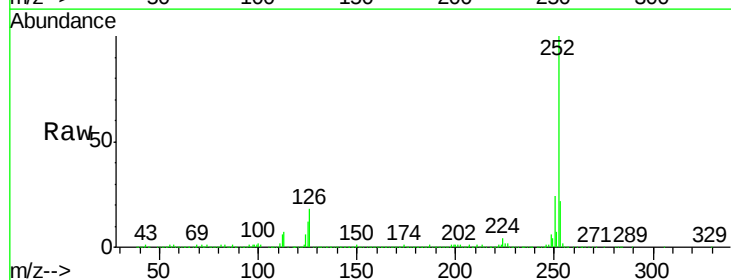
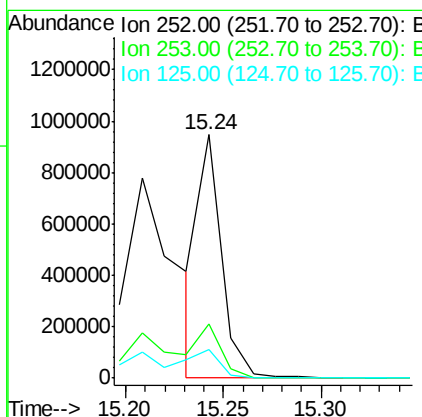
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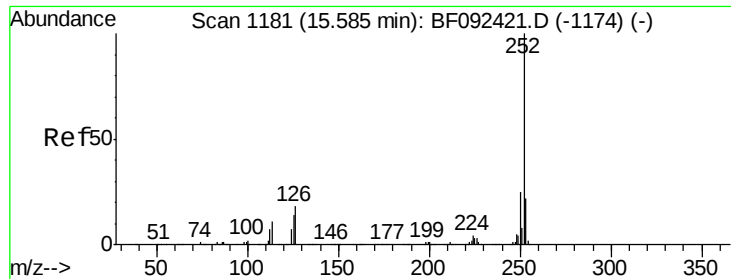
mohammad
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#88
Benzo(k)fluoranthene
Concen: 36.48 ng m
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion:252 Resp: 781315
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 11.8 8.9 13.3





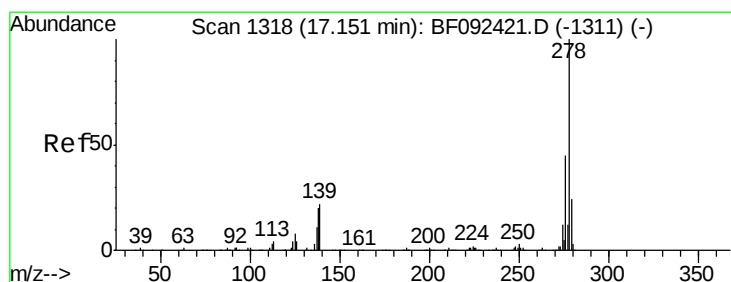
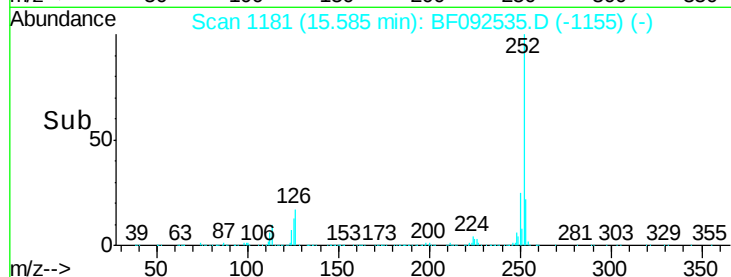
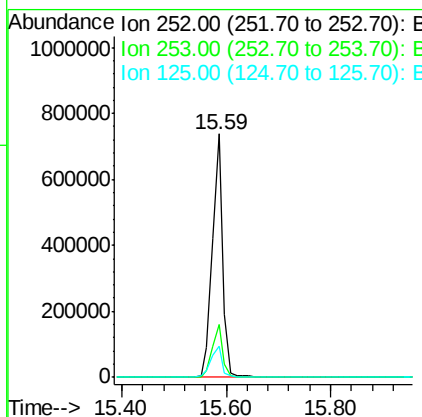
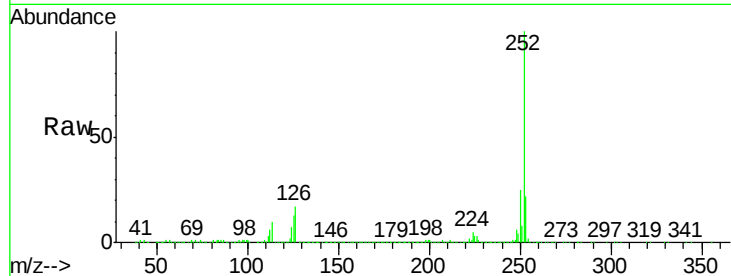
#89
Benzo(a)pyrene
Concen: 46.57 ng
RT: 15.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB96342BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	12.9	10.0	15.0

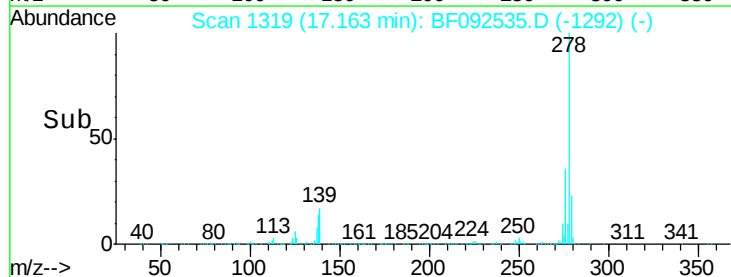
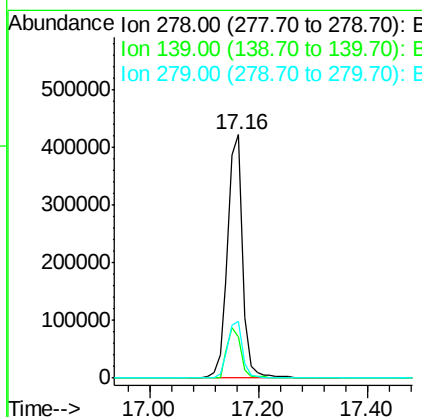
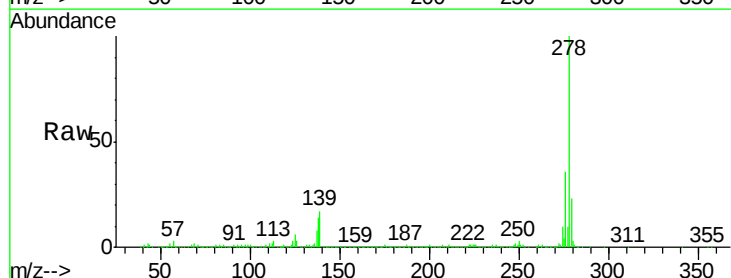
Manual Integrations
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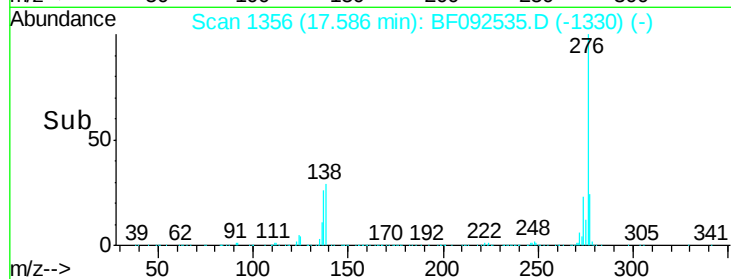
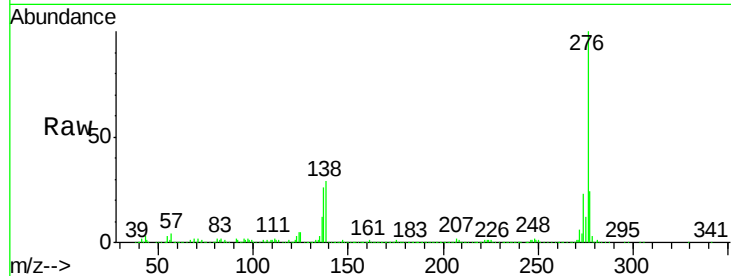
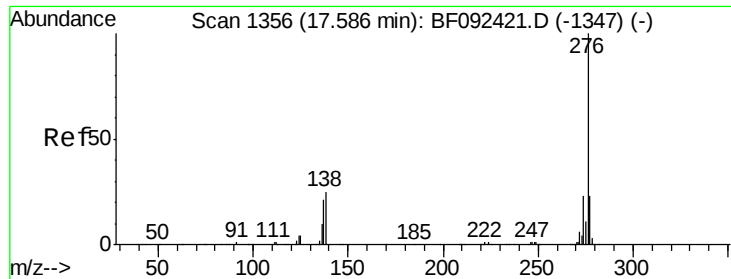
mohammad
1/27/2017 3:03:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.38 ng
RT: 17.16 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF092535.D
Acq: 26 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.8	22.2
279	23.4	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 44.73 ng

RT: 17.59 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF092535.D

Acq: 26 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96342BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	29.3	16.0	24.0

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1/27/2017 3:03:04 PM

