

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092834.D
 Acq On : 7 Feb 2017 18:01
 Operator : SJ/MA
 Sample : PB96777BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Manual Integrations
 APPROVED

mohammad
 2/8/2017 10:43:07 AM

Quant Time: Feb 08 00:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	154344	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	600931	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	286572	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	390052	20.00	ng	0.00
75) Chrysene-d12	14.08	240	295908	20.00	ng	0.00
86) Perylene-d12	15.53	264	260952	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	845843	94.02	ng	0.01
7) Phenol-d6	6.56	99	1201303	103.78	ng	0.01
23) Nitrobenzene-d5	7.47	82	775194	71.84	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	198887	95.96	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1195910	75.60	ng	0.00
78) Terphenyl-d14	13.01	244	823303	65.37	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	110242	22.68	ng	# 82
3) Pyridine	3.30	79	322524	26.09	ng	87
4) n-Nitrosodimethylamine	3.24	42	177543	30.59	ng	87
6) Aniline	6.57	93	302485	19.16	ng	93
8) 2-Chlorophenol	6.69	128	333835	33.64	ng	98
9) Benzaldehyde	6.45	77	132129	15.93	ng	99
10) Phenol	6.57	94	402995	29.76	ng	87
11) bis(2-Chloroethyl)ether	6.65	93	342435	31.68	ng	97
12) 1,3-Dichlorobenzene	6.84	146	359806m	30.95	ng	
13) 1,4-Dichlorobenzene	6.92	146	409721	34.82	ng	98
14) 1,2-Dichlorobenzene	7.08	146	399298	35.49	ng	95
15) Benzyl Alcohol	7.05	79	312084	36.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	694283	36.97	ng	92
17) 2-Methylphenol	7.17	107	329000	38.64	ng	96
18) Hexachloroethane	7.41	117	130515	32.50	ng	# 81
19) n-Nitroso-di-n-propylamine	7.32	70	276325	37.50	ng	96
20) 3+4-Methylphenols	7.32	107	374080	36.75	ng	# 88
22) Acetophenone	7.32	105	509889	37.16	ng	# 91
24) Nitrobenzene	7.49	77	442010	39.89	ng	94
25) Isophorone	7.73	82	787122	39.14	ng	99
26) 2-Nitrophenol	7.81	139	203515	38.64	ng	# 82
27) 2,4-Dimethylphenol	7.85	122	339906	36.74	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	459891	34.53	ng	97
29) 2,4-Dichlorophenol	8.05	162	319191	37.00	ng	89
30) 1,2,4-Trichlorobenzene	8.13	180	331826	35.69	ng	94
31) Naphthalene	8.21	128	994955	32.66	ng	99
32) Benzoic acid	7.96	122	166073	34.12	ng	98
33) 4-Chloroaniline	8.27	127	130076	10.89	ng	95
34) Hexachlorobutadiene	8.33	225	174261	34.07	ng	100
35) Caprolactam	8.62	113	98189	36.18	ng	# 24
36) 4-Chloro-3-methylphenol	8.75	107	326357	36.28	ng	96
37) 2-Methylnaphthalene	8.91	142	727568	37.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	298654	37.13	ng	100
40) Hexachlorocyclopentadiene	9.06	237	63590	17.52	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	190739	36.09	nq	93
43) 2,4,5-Trichlorophenol	9.23	196	202484	34.96	nq #	89
45) 1,1'-Biphenyl	9.37	154	704098	33.93	nq	97
46) 2-Chloronaphthalene	9.39	162	555337	34.21	nq	95
47) 2-Nitroaniline	9.49	65	200884	36.81	nq	95
48) Acenaphthylene	9.81	152	951512	33.93	nq	98
49) Dimethylphthalate	9.68	163	716249	37.11	nq	98
50) 2,6-Dinitrotoluene	9.73	165	145306	34.86	nq #	91
51) Acenaphthene	9.98	154	573049	34.18	nq	97
52) 3-Nitroaniline	9.90	138	104386	21.88	nq #	79
53) 2,4-Dinitrophenol	10.01	184	32283	19.06	nq #	50
54) Dibenzofuran	10.16	168	818073	36.48	nq	93
55) 4-Nitrophenol	10.08	139	203112	59.11	nq	92
56) 2,4-Dinitrotoluene	10.14	165	177372	31.96	nq #	72
57) Fluorene	10.50	166	619877	35.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	140422	36.35	nq	95
59) Diethylphthalate	10.37	149	696126	38.27	nq	94
60) 4-Chlorophenyl-phenylether	10.49	204	287511	34.69	nq	89
61) 4-Nitroaniline	10.51	138	136778	27.99	nq	92
62) Azobenzene	10.65	77	683523	36.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	33442	15.97	nq #	62
65) n-Nitrosodiphenylamine	10.60	169	505762	40.59	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	167987	41.22	nq #	88
67) Hexachlorobenzene	11.05	284	154995	38.49	nq	96
68) Atrazine	11.14	200	172722	43.20	nq	93
69) Pentachlorophenol	11.24	266	137163	67.24	nq	98
70) Phenanthrene	11.46	178	767226	34.33	nq	99
71) Anthracene	11.50	178	776371	34.60	nq	98
72) Carbazole	11.66	167	655761	30.57	nq	99
73) Di-n-butylphthalate	12.00	149	1004660	43.31	nq #	96
74) Fluoranthene	12.65	202	708356	30.73	nq	95
76) Benzidine	12.77	184	389680	30.90	nq	96
77) Pyrene	12.88	202	711958	32.15	nq	99
79) Butylbenzylphthalate	13.49	149	339944	37.80	nq #	84
80) Benzo(a)anthracene	14.07	228	649782	35.90	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	215843	33.46	nq #	95
82) Chrysene	14.10	228	517739	30.55	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	478266	38.89	nq #	94
84) Di-n-octyl phthalate	14.66	149	804785	40.19	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	481395	36.68	nq	96
87) Benzo(b)fluoranthene	15.11	252	578833	33.70	nq	99
88) Benzo(k)fluoranthene	15.14	252	569012m	38.37	nq	
89) Benzo(a)pyrene	15.47	252	534238	35.96	nq #	96
90) Dibenzo(a,h)anthracene	16.98	278	415960	34.64	nq #	95
91) Benzo(g,h,i)perylene	17.40	276	386064	31.83	nq #	91

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

```

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Misc      :
ALS Vial  : 13      Sample Multiplier: 1

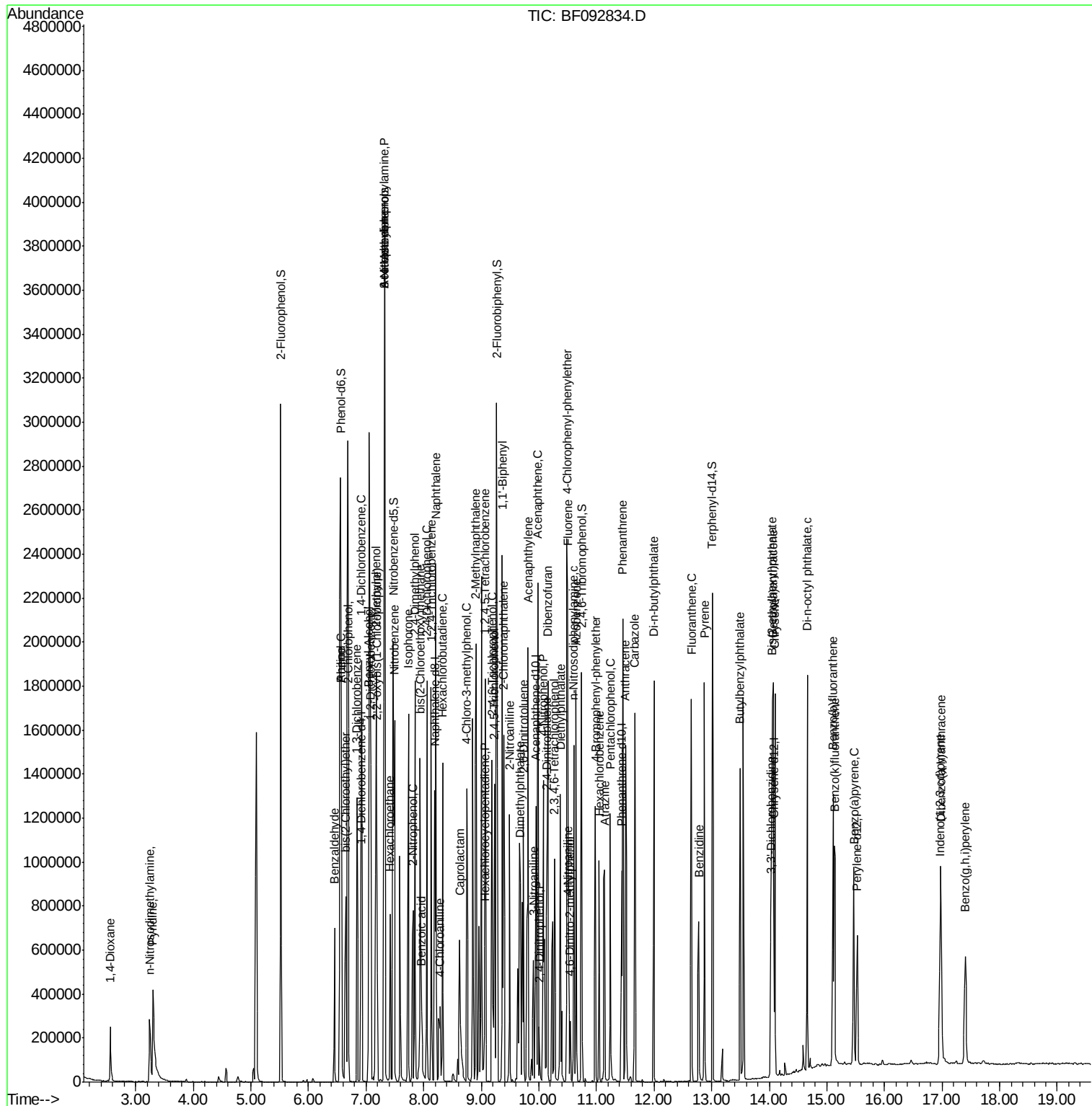
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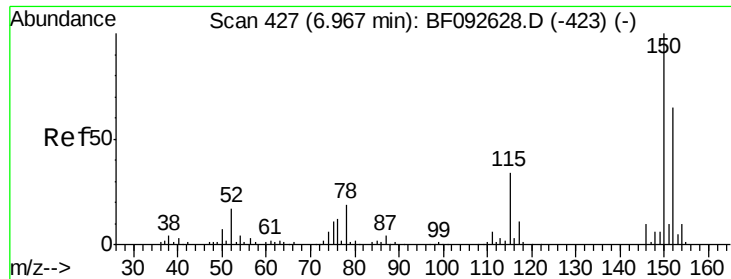
Instrument :
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#1

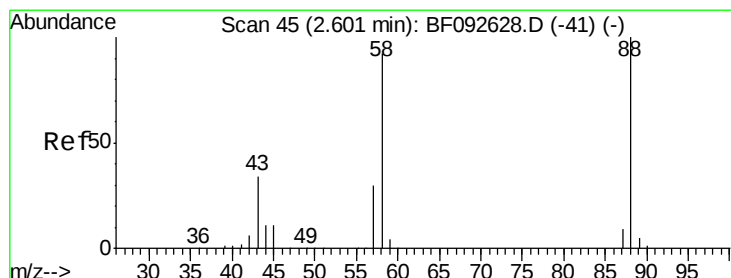
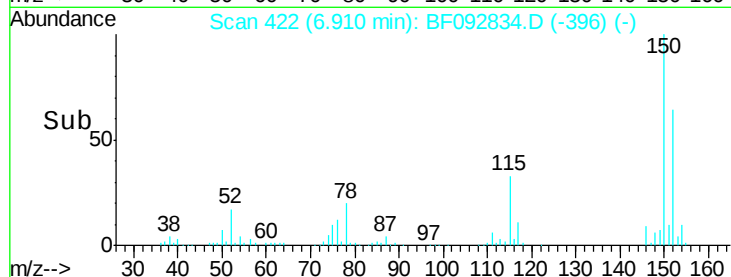
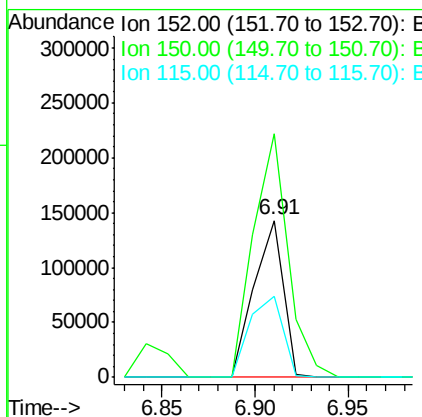
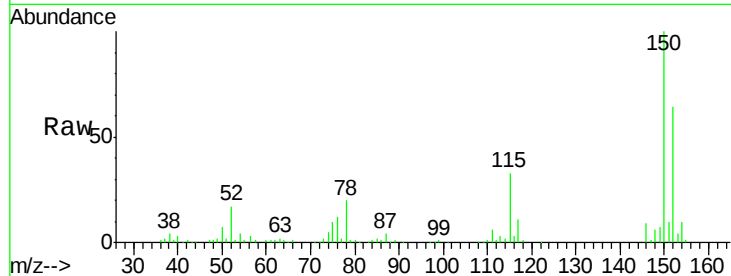
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	51.4	46.0	69.0

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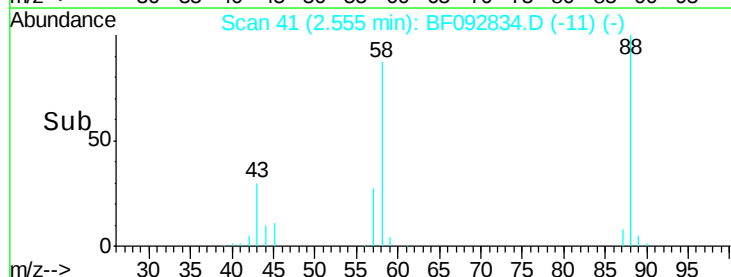
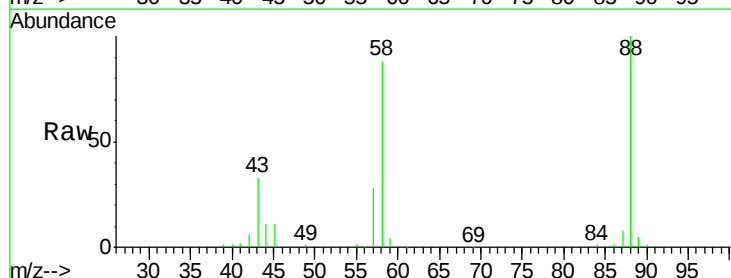
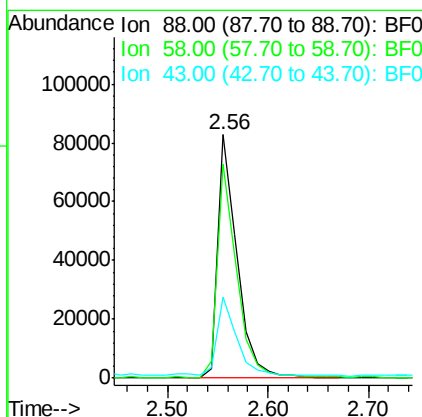
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#2

1,4-Dioxane
Concen: 22.68 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	57.8	86.8#
43	33.3	22.3	33.5





#3

Pvridine

Concen: 26.09 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.05 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

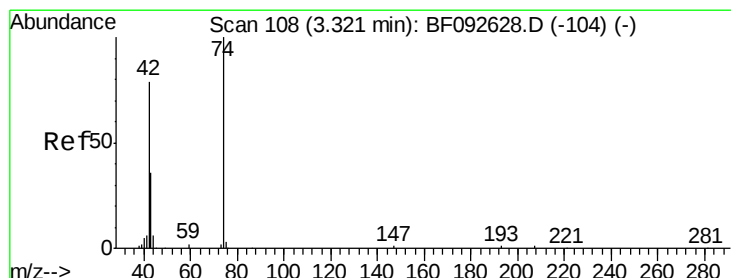
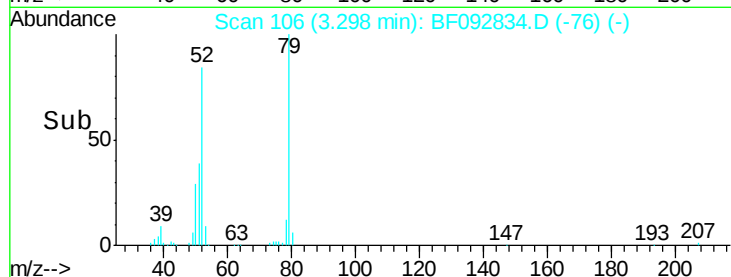
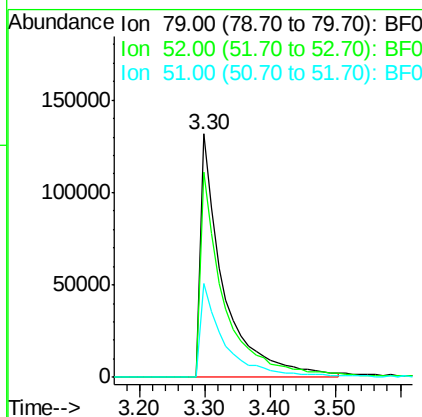
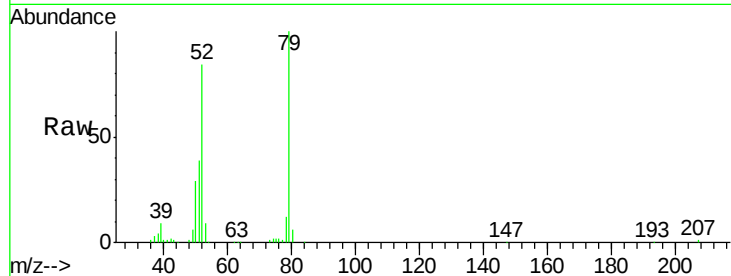
ClientSampleId :

PB96777BS

Tot Ion:	79	Resp:	322524
Ion Ratio	Lower	Upper	
79	100		
52	84.5	57.1	85.7
51	38.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 30.59 ng

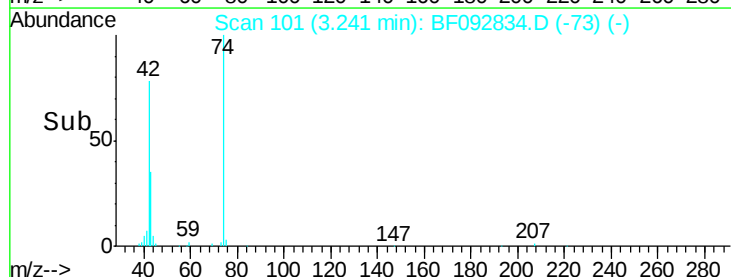
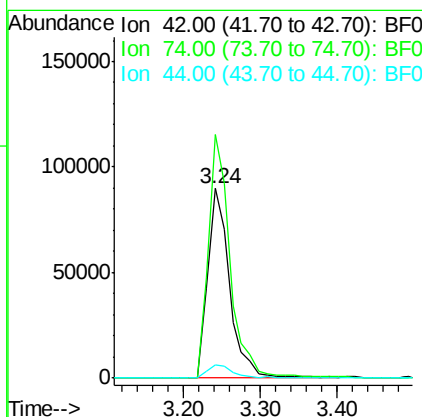
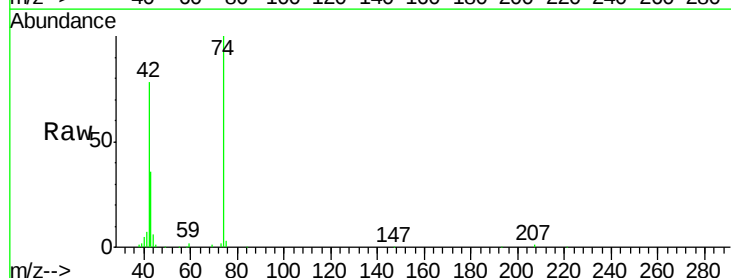
RT: 3.24 min Scan# 101

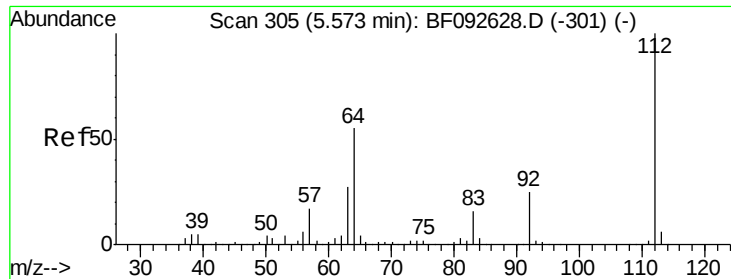
Delta R.T. 0.02 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	42	Resp:	177543
Ion Ratio	Lower	Upper	
42	100		
74	128.7	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 94.02 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

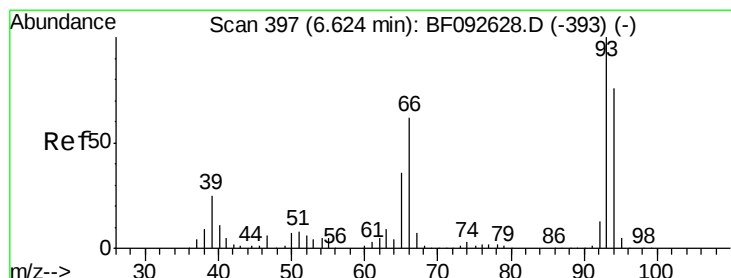
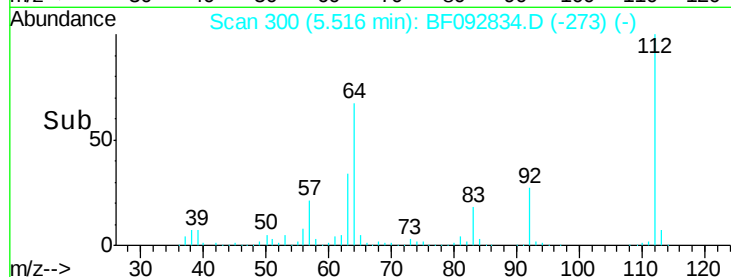
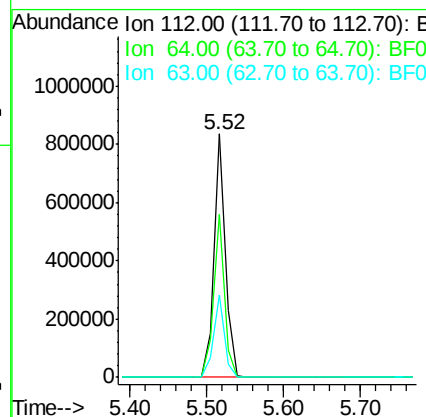
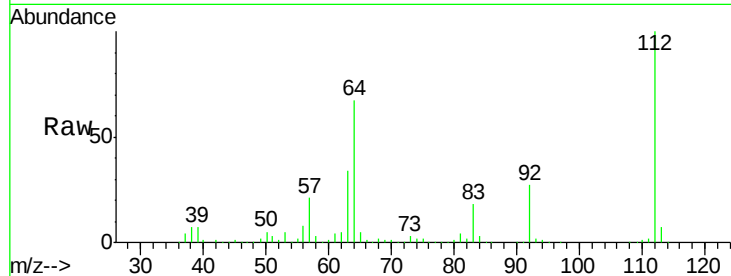
ClientSampleId :

PB96777BS

Tot Ion:	112	Resp:	845843
Ion Ratio	Lower	Upper	
112	100		
64	66.7	46.1	69.1
63	33.6	23.8	35.6

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#6

Aniline

Concen: 19.16 ng

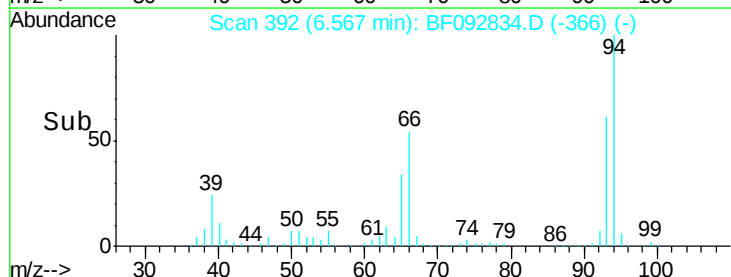
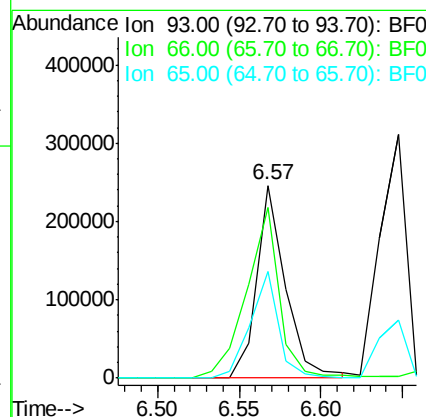
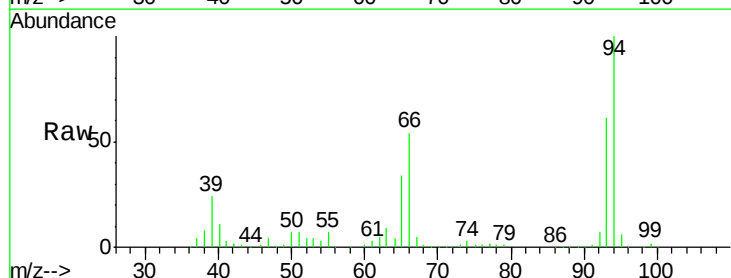
RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	93	Resp:	302485
Ion Ratio	Lower	Upper	
93	100		
66	88.4	76.2	114.2
65	55.6	49.3	73.9





#7

Phenol-d6

Concen: 103.78 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

ClientSampled :

PB96777BS

Tot Ion: 99 Resp: 1201303

Ion Ratio Lower Upper

99 100

42 16.3 15.6 23.4

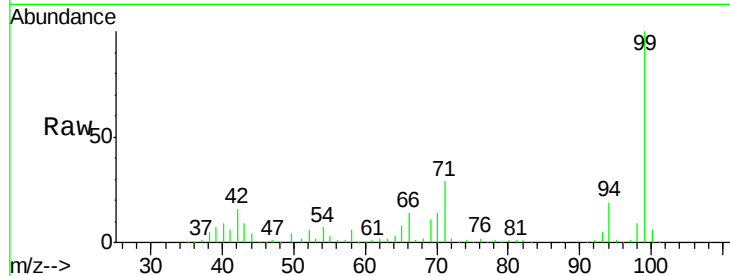
71 28.6 27.5 41.3

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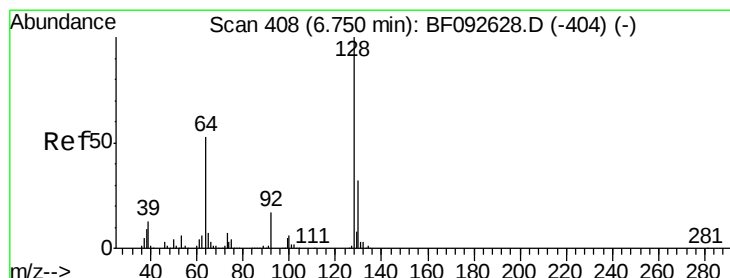
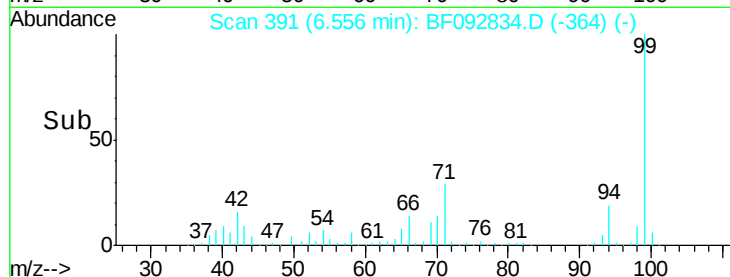
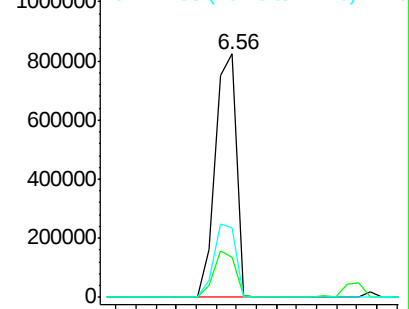
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.64 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

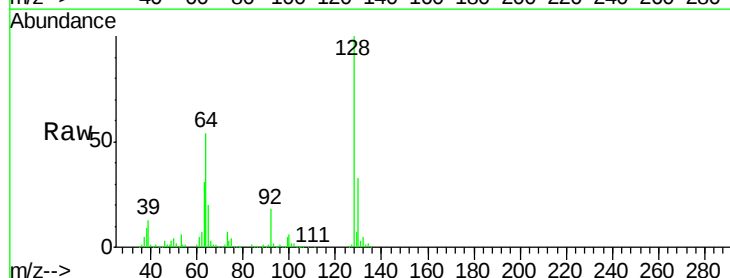
Tgt Ion: 128 Resp: 333835

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

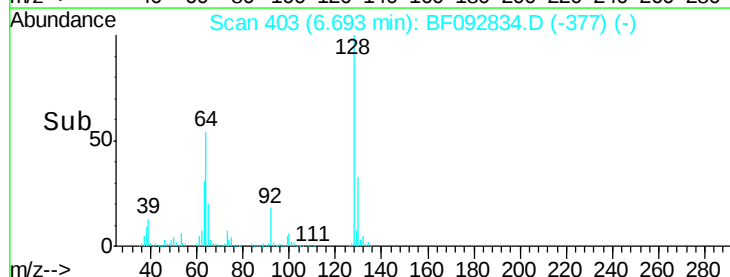
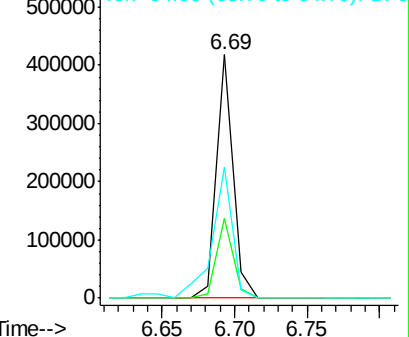
64 53.9 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.93 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

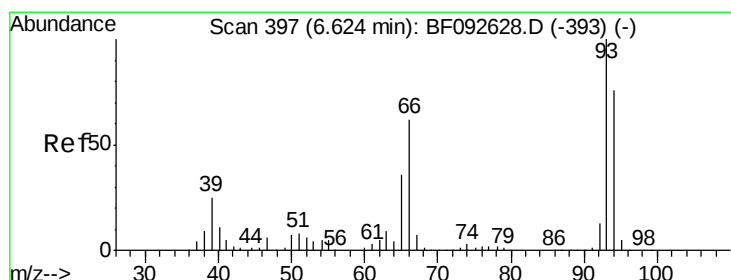
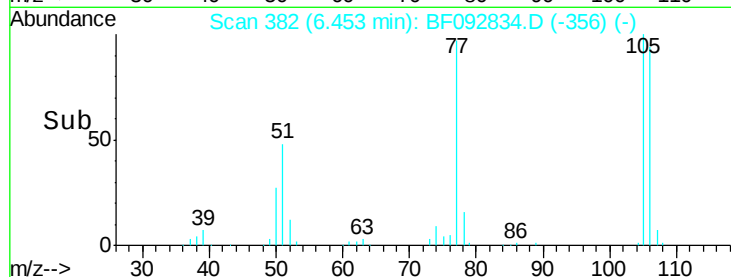
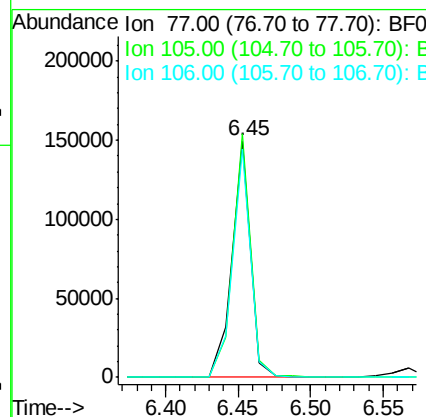
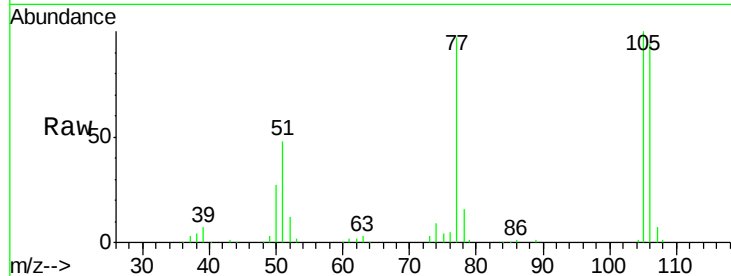
ClientSampleId :

PB96777BS

Tot Ion:	77	Resp:	132129
Ion	Ratio	Lower	Upper
77	100		
105	103.1	83.9	123.9
106	96.9	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 29.76 ng

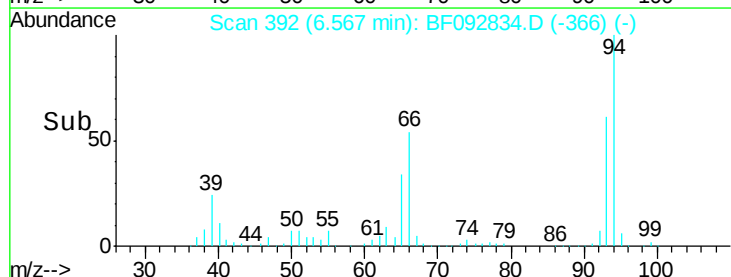
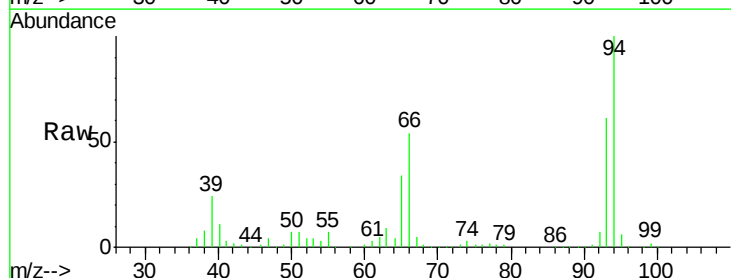
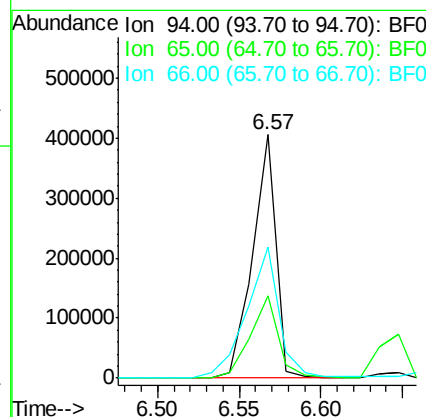
RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	94	Resp:	402995
Ion	Ratio	Lower	Upper
94	100		
65	33.7	21.4	61.4
66	53.6	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 31.68 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

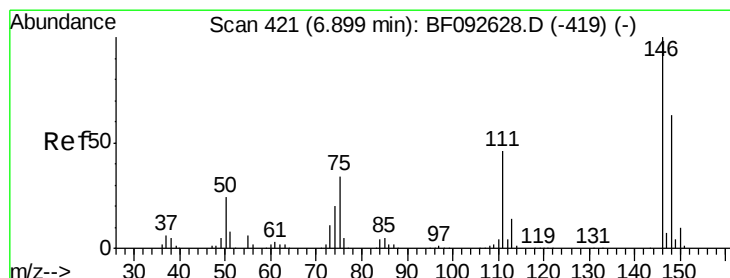
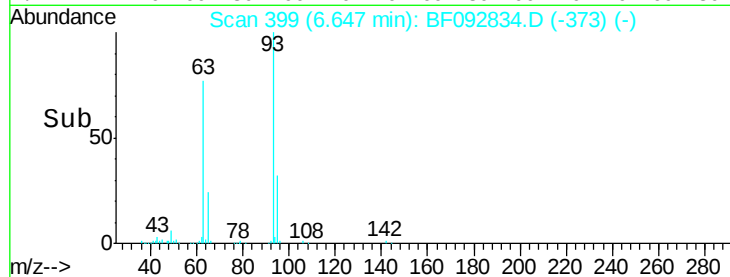
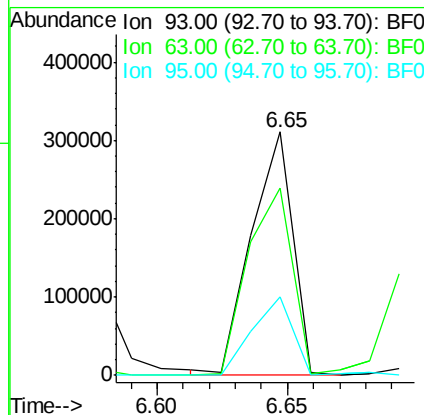
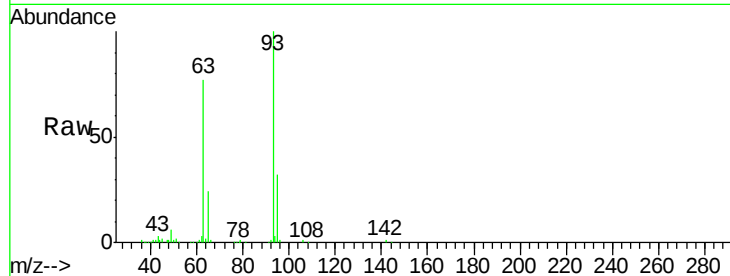
ClientSampleId :

PB96777BS

Tot Ion:	93	Resp:	342435
Ion Ratio	Lower	Upper	
93	100		
63	77.1	60.4	100.4
95	32.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 30.95 ng m

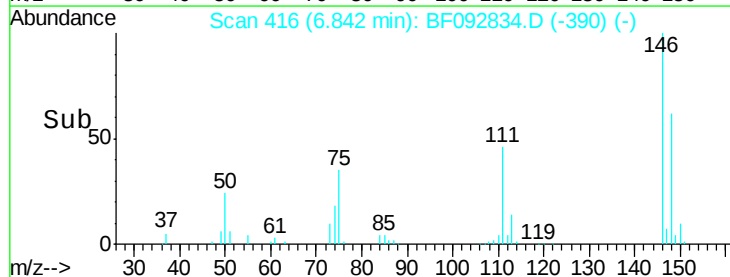
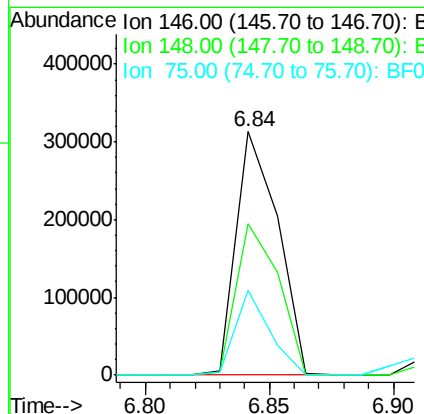
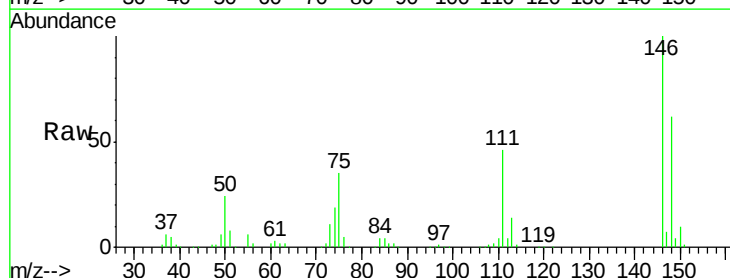
RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	146	Resp:	359806
Ion Ratio	Lower	Upper	
146	100		
148	62.1	53.4	80.0
75	34.8	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 34.82 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

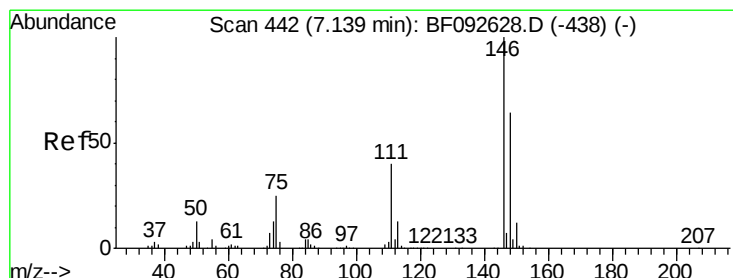
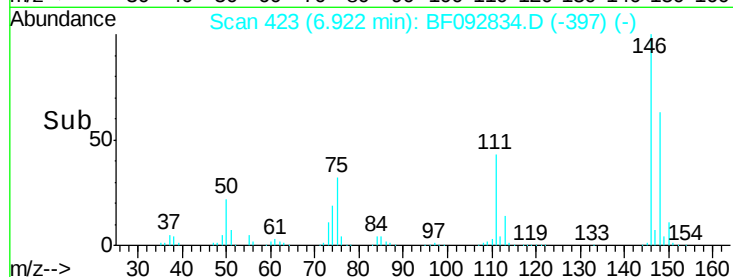
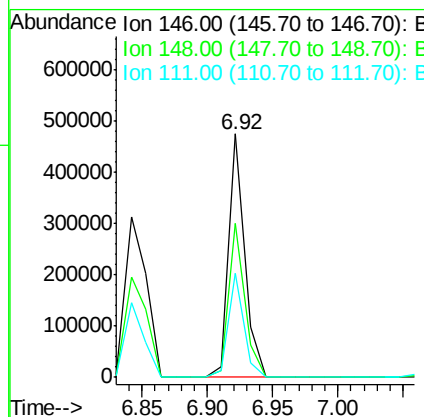
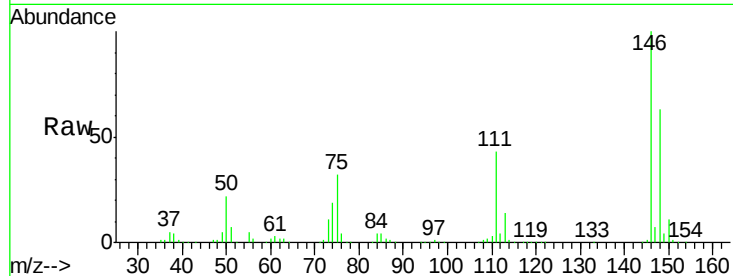
ClientSampled :

PB96777BS

Tot Ion:	146	Resp:	409721
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	76.0
111	42.5	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.49 ng

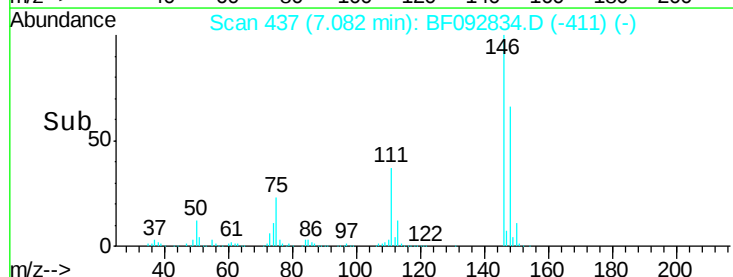
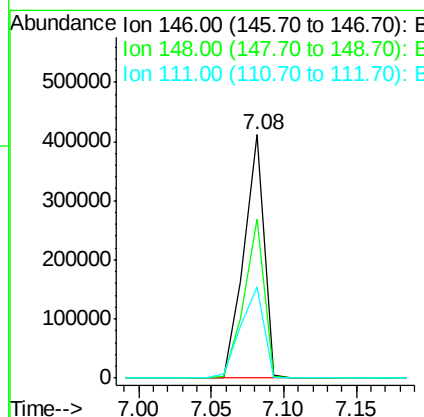
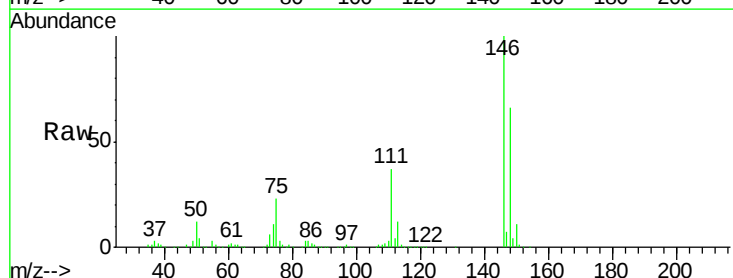
RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	146	Resp:	399298
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	37.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 36.42 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tot Ion:	79	Resp:	312084
Ion Ratio	Lower	Upper	
79	100		
108	74.4	61.4	92.0
77	61.2	50.9	76.3

Instrument :

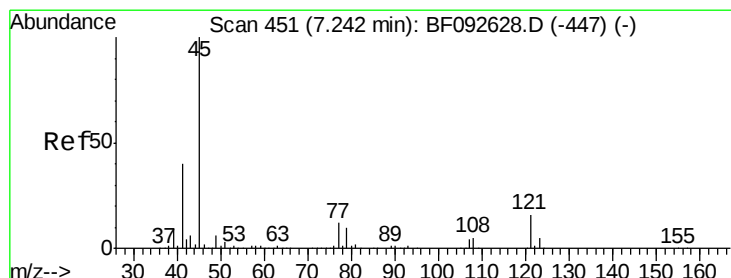
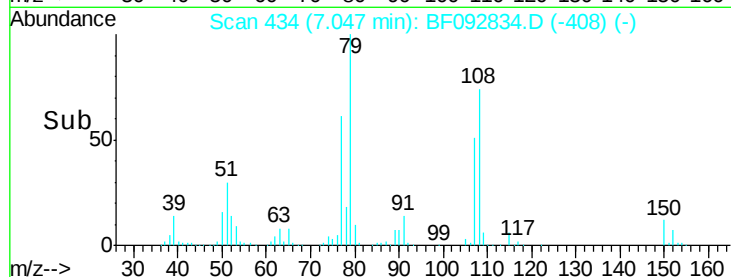
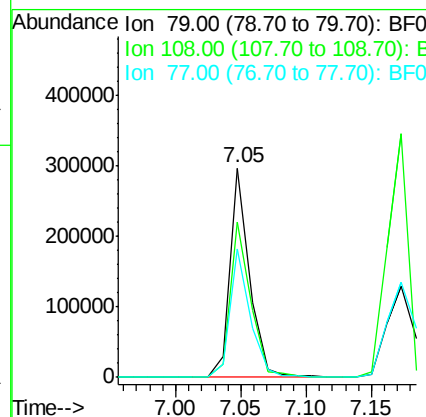
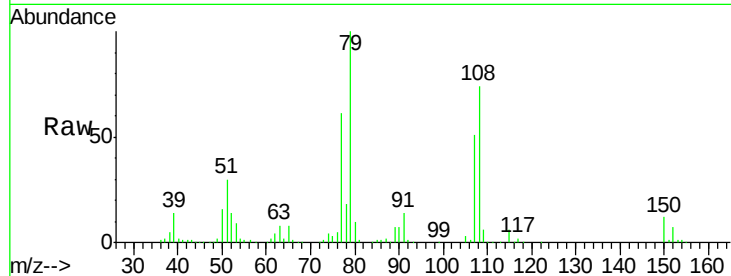
BNA_F

ClientSampled :

PB96777BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.97 ng

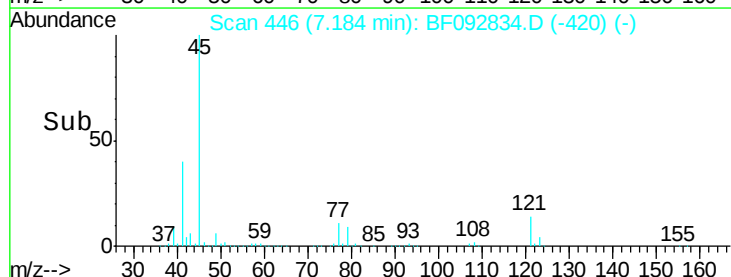
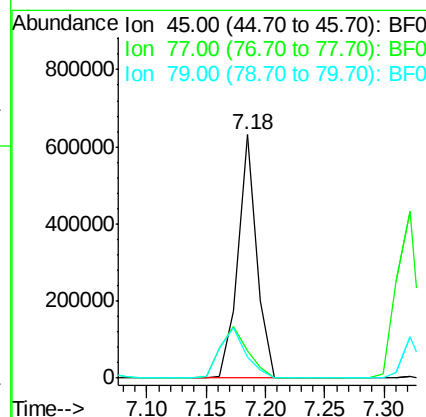
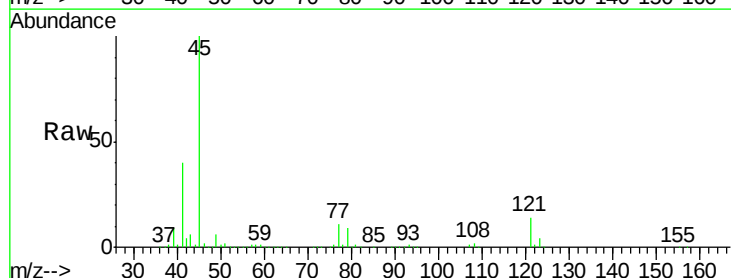
RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	45	Resp:	694283
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	34.6
79	8.8	0.0	31.2





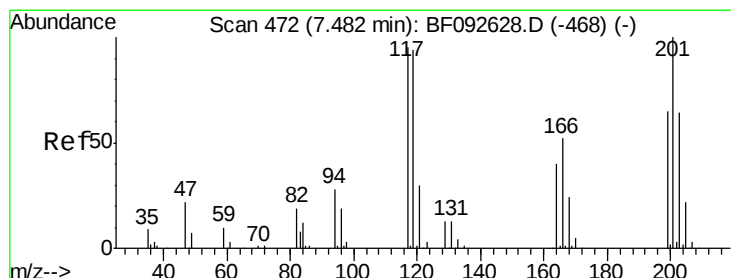
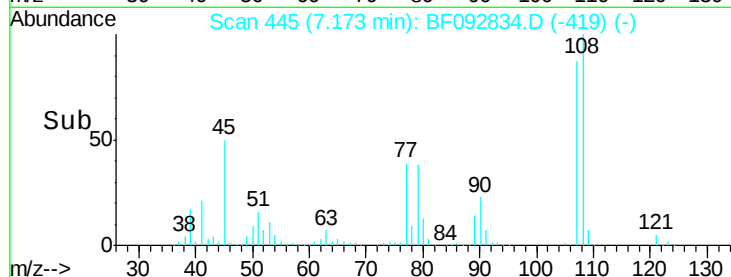
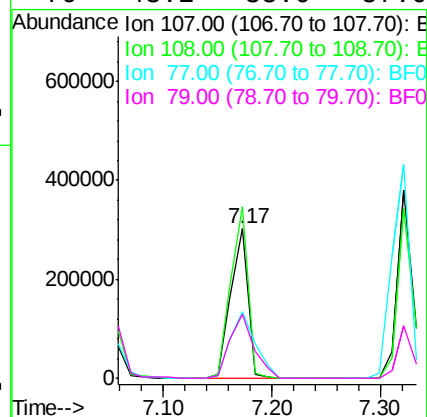
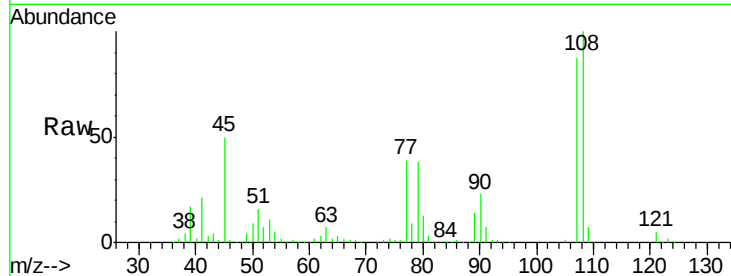
#17
2-Methylphenol
Concen: 38.64 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	107	Resp	329000
Ion Ratio	Lower	Upper	
107	100		
108	114.7	93.0	139.6
77	44.6	39.8	59.8
79	43.2	38.0	57.0

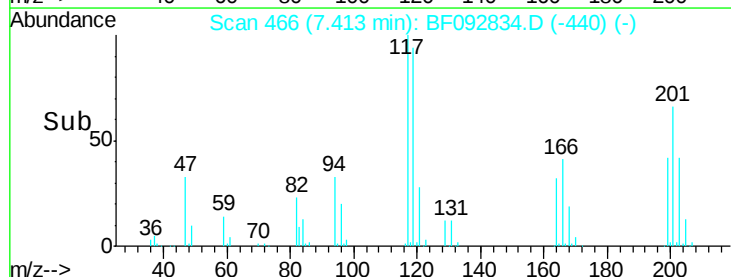
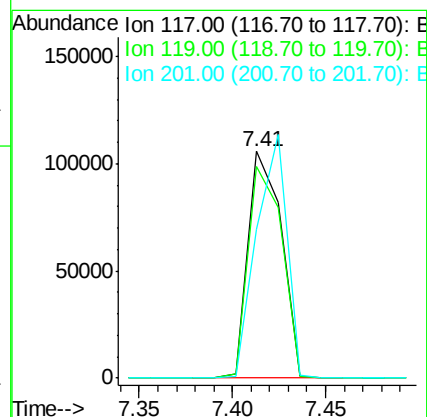
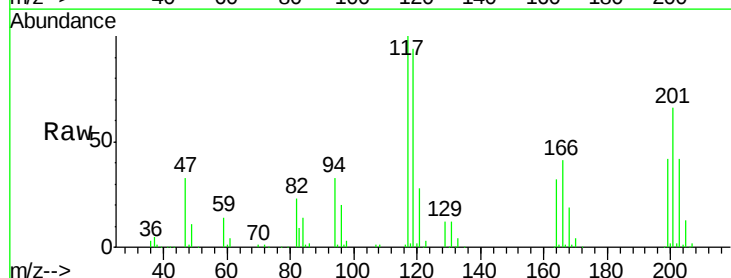
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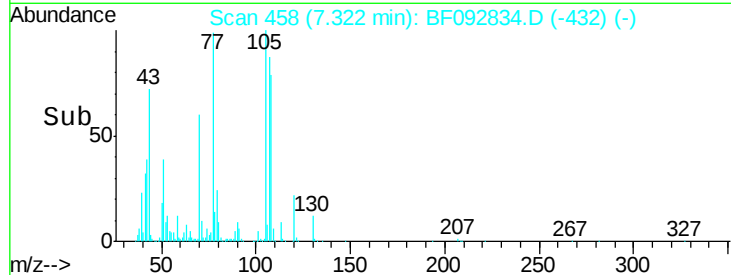
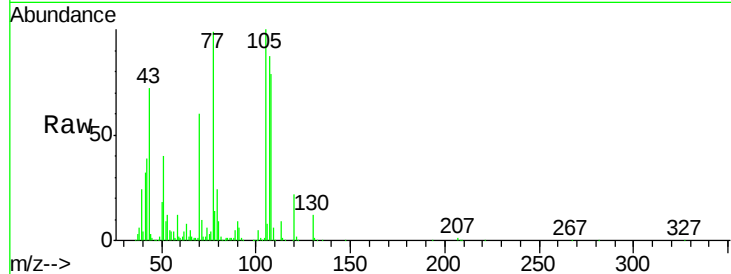
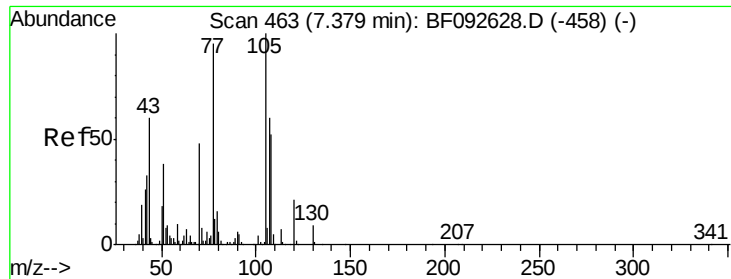
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#18
Hexachloroethane
Concen: 32.50 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	117	Resp	130515
Ion Ratio	Lower	Upper	
117	100		
119	93.6	78.1	117.1
201	65.5	78.6	117.8#





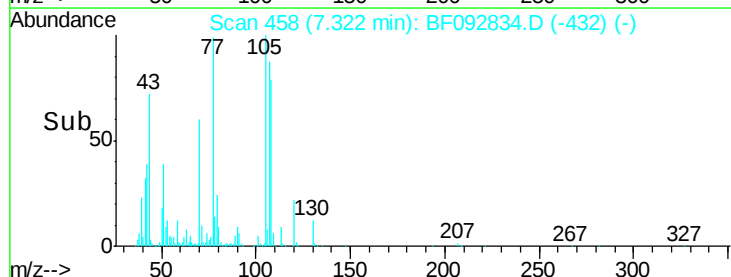
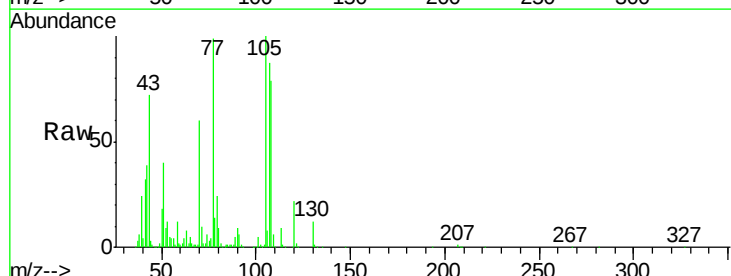
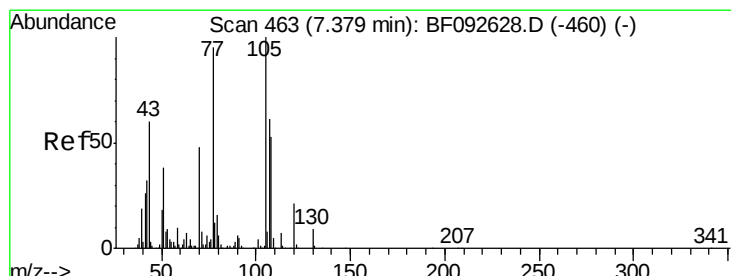
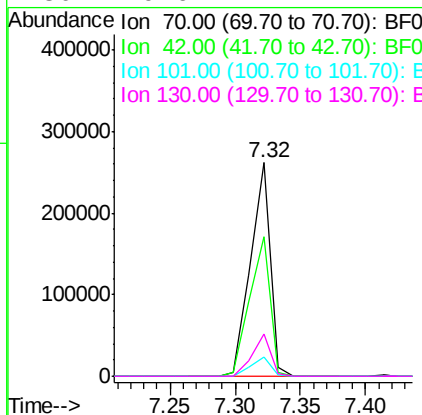
#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	49.4	74.0
101	9.1	7.4	11.2
130	19.6	14.2	21.4

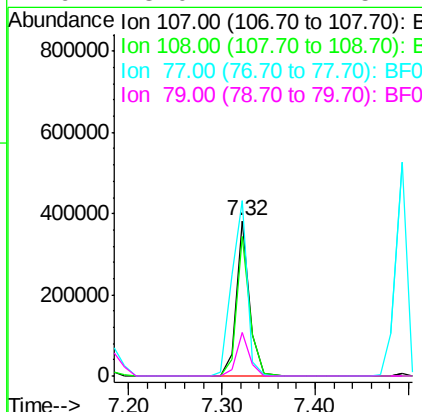
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#20
3+4-Methylphenols
Concen: 36.75 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.0	113.0
77	113.1	71.3	111.3#
79	28.0	11.1	51.1





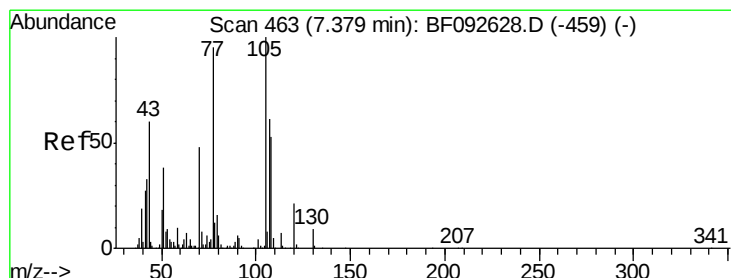
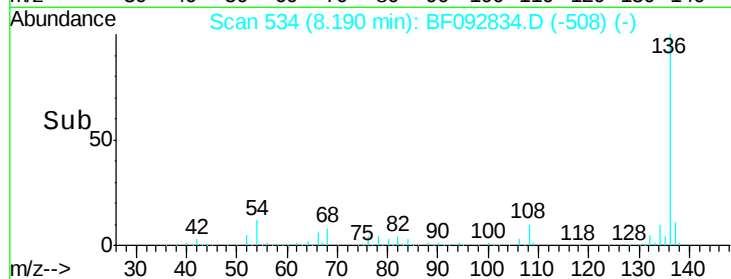
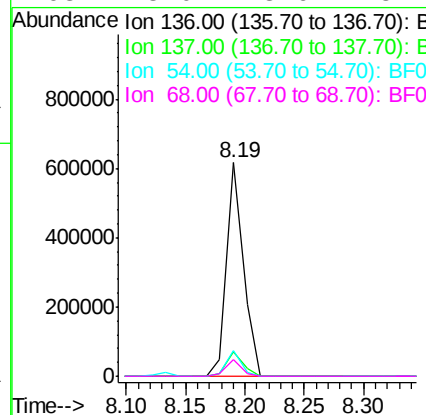
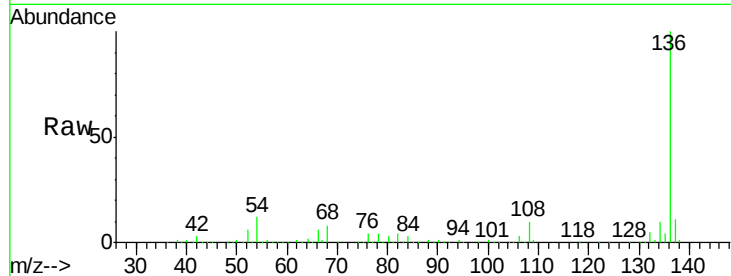
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	600931		
137	11.1	8.4	12.6	
54	11.9	4.5	6.7#	
68	8.0	3.6	5.4#	

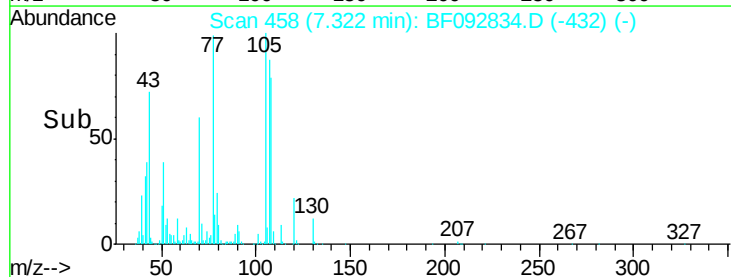
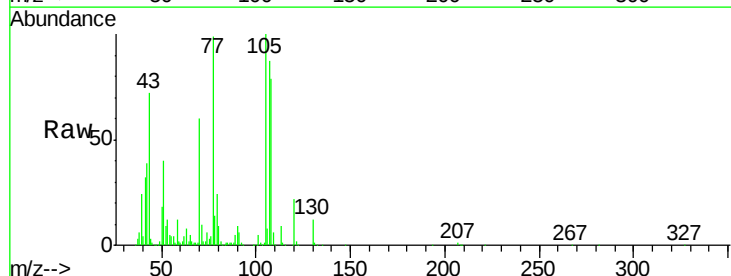
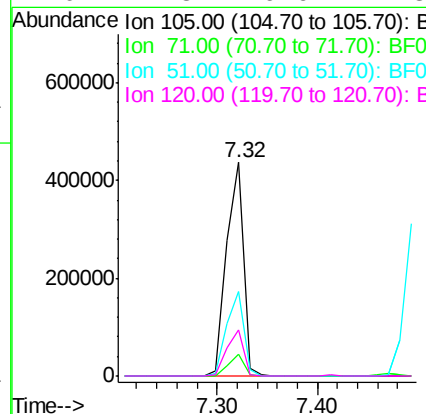
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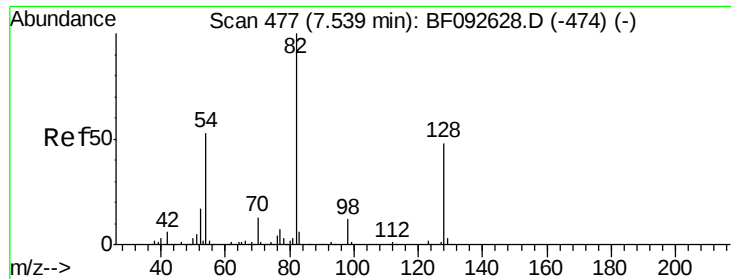
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#22
Acetophenone
Concen: 37.16 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	509889		
71	10.0	3.2	4.8#	
51	39.5	26.2	39.4#	
120	21.8	16.6	24.8	





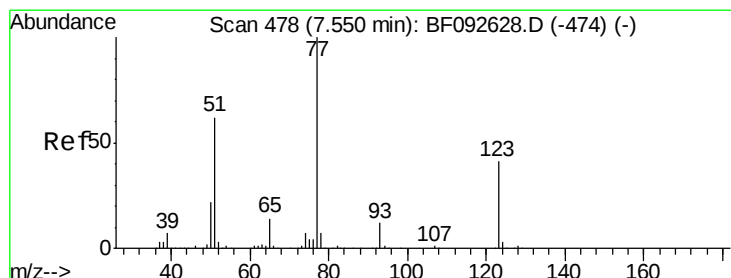
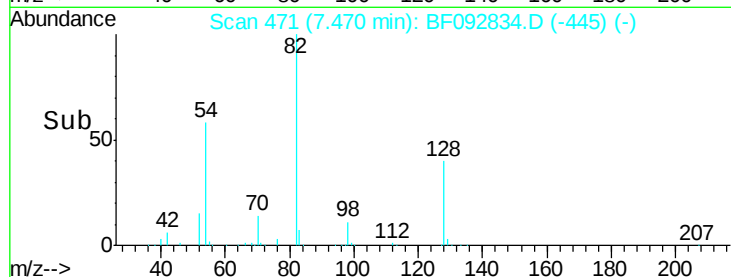
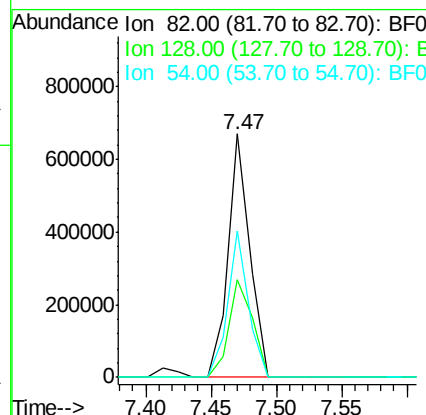
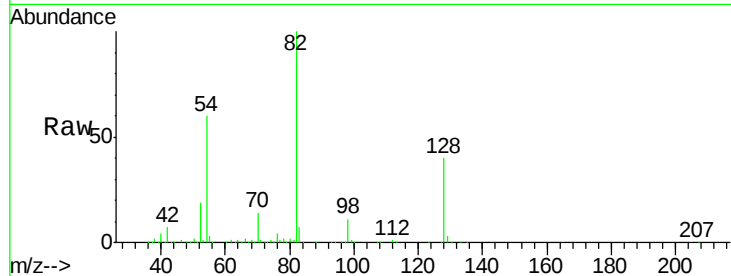
#23
Nitrobenzene-d5
Concen: 71.84 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	60.1	39.5	59.3

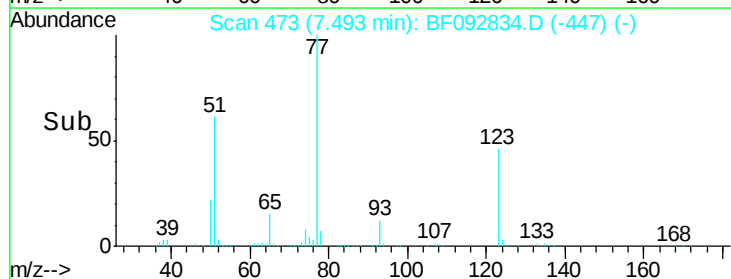
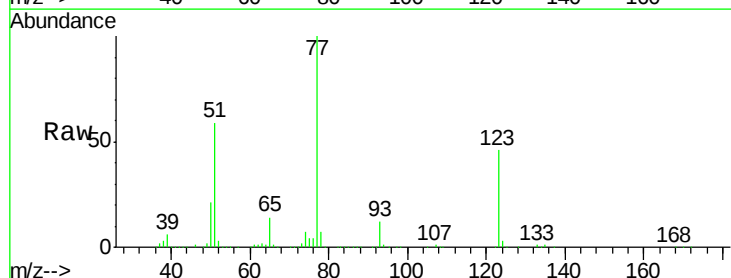
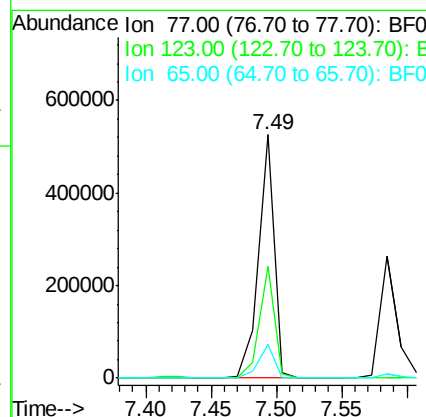
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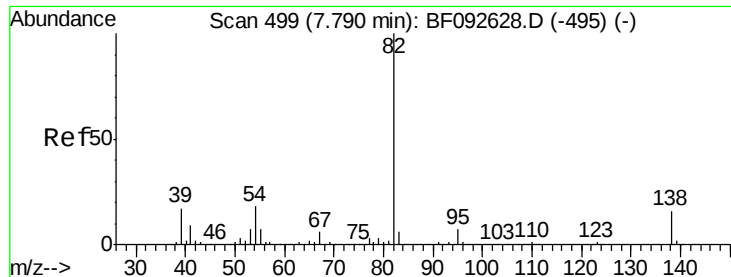
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#24
Nitrobenzene
Concen: 39.89 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 39.14 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

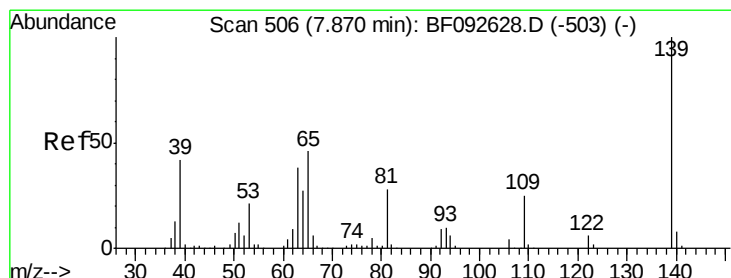
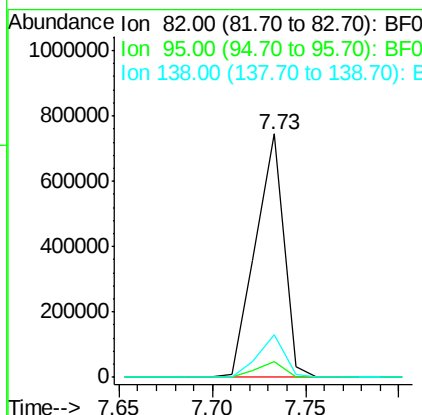
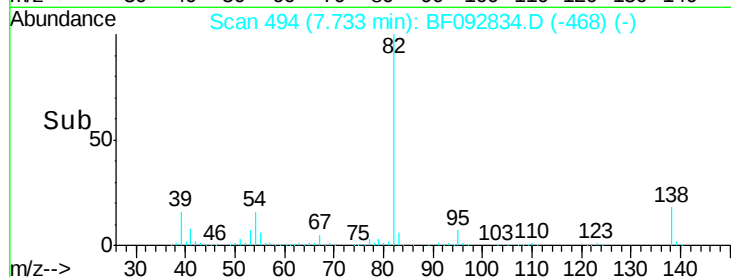
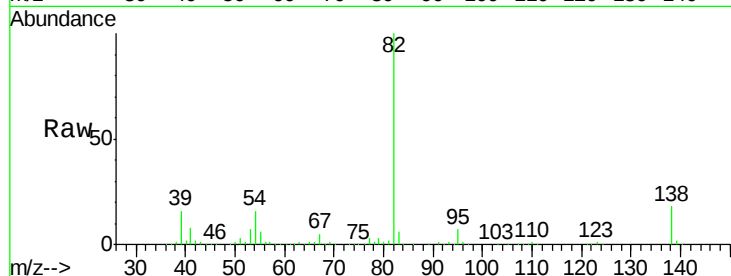
ClientSampleId :

PB96777BS

Tot Ion:	82	Resp:	787122
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	17.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 38.64 ng

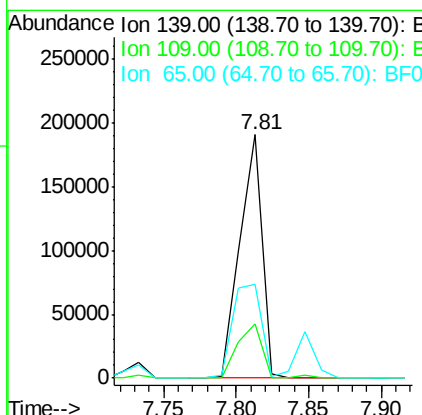
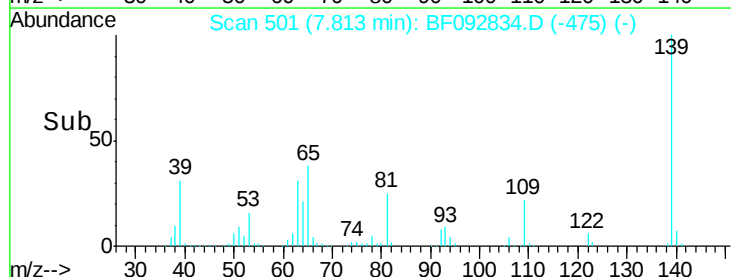
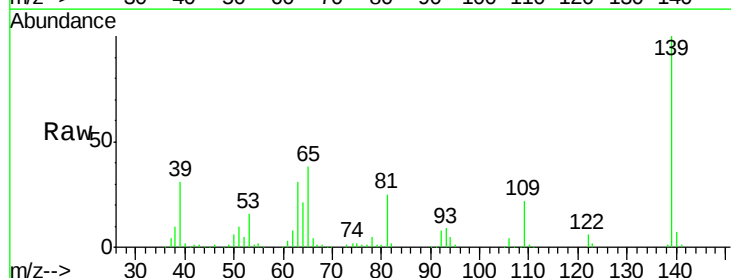
RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	139	Resp:	203515
Ion Ratio	Lower	Upper	
139	100		
109	22.1	23.3	34.9#
65	38.5	42.7	64.1#





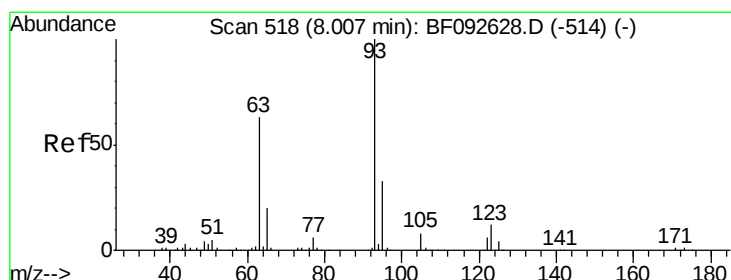
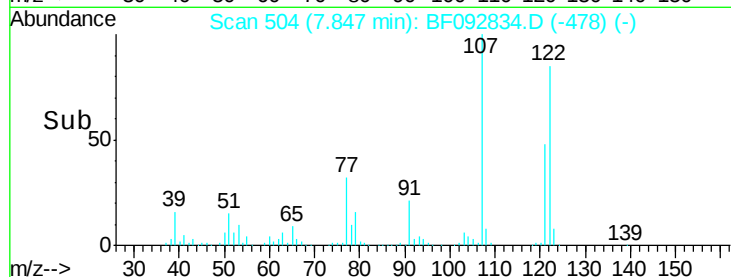
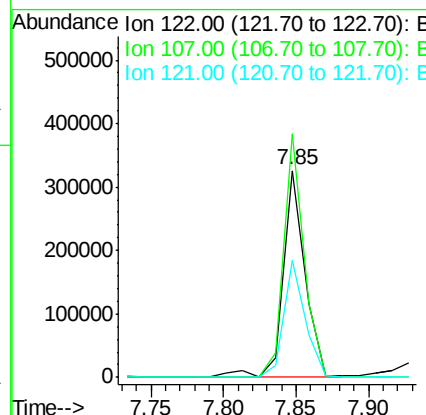
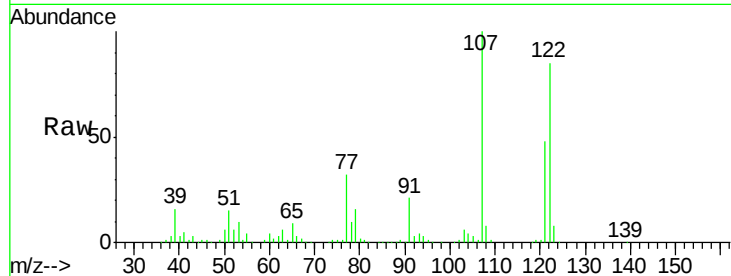
#27
2,4-Dimethylphenol
Concen: 36.74 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampled :
PB96777BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	94.1	141.1
121	56.9	46.0	69.0

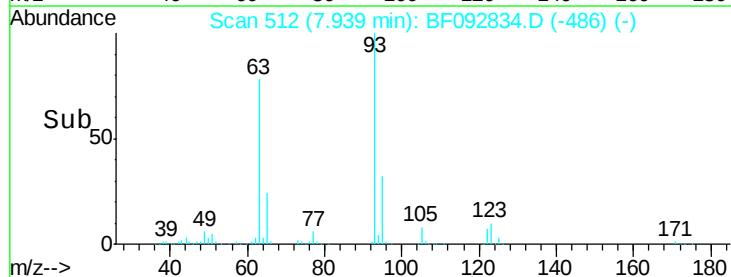
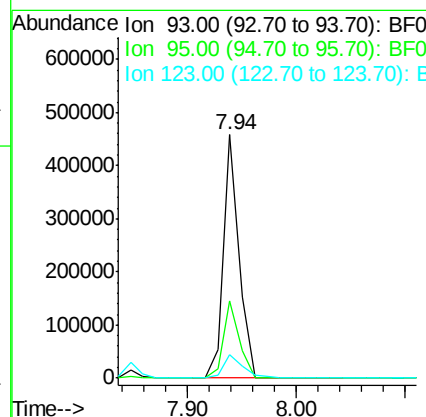
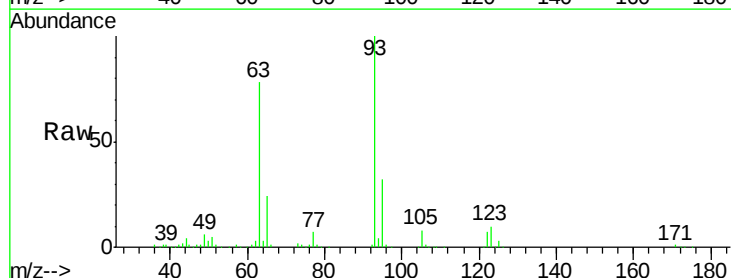
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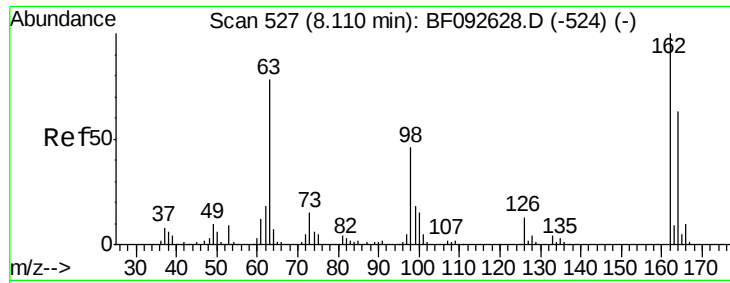
mohammad
2/8/2017 10:43:07 AM



#28
bis(2-Chloroethoxy)methane
Concen: 34.53 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.5	39.7
123	9.9	8.6	13.0





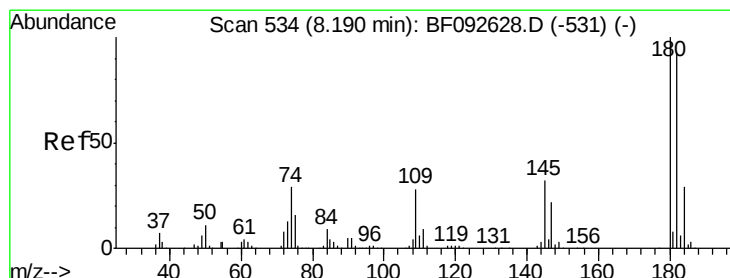
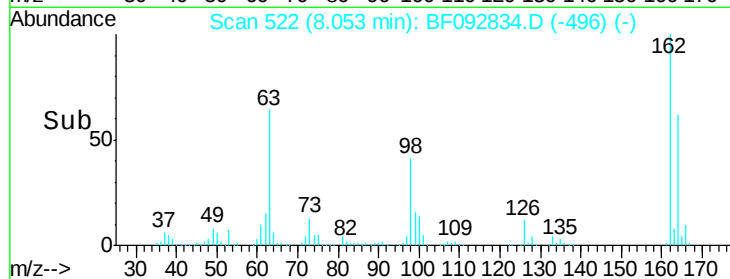
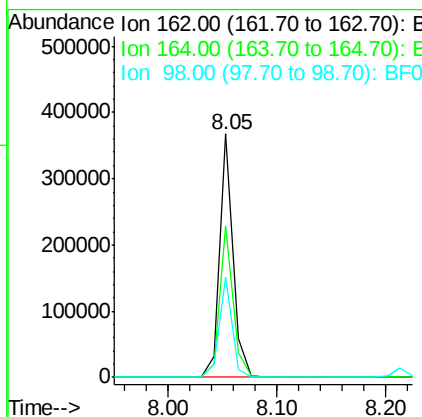
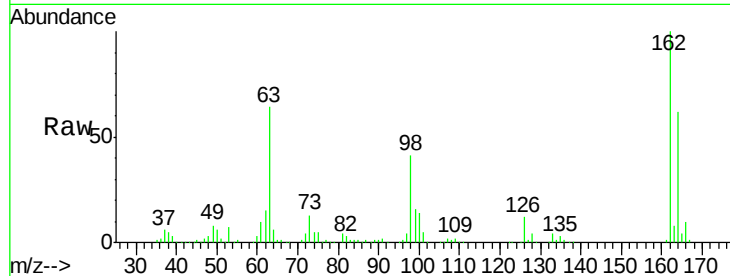
#29
 2,4-Dichlorophenol
 Concen: 37.00 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	319191		
164	62.1	46.8	86.8	
98	41.0	9.1	49.1	

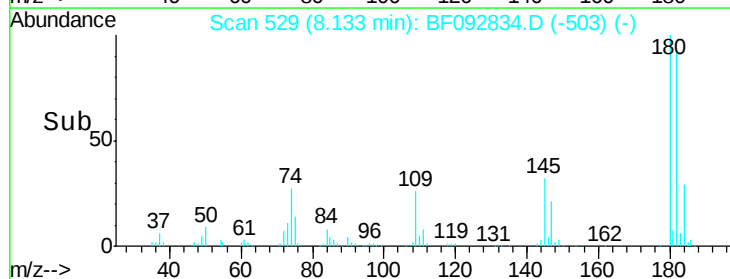
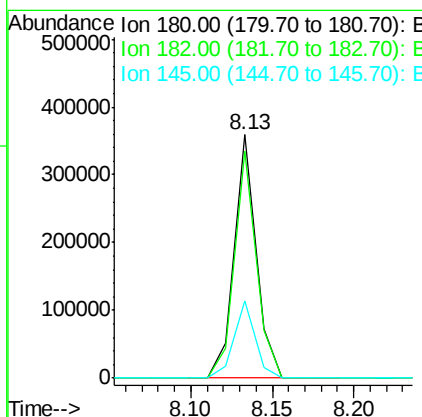
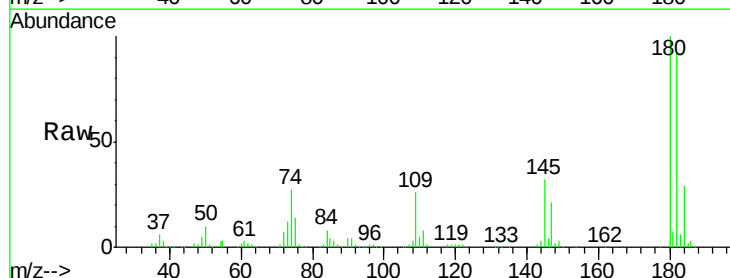
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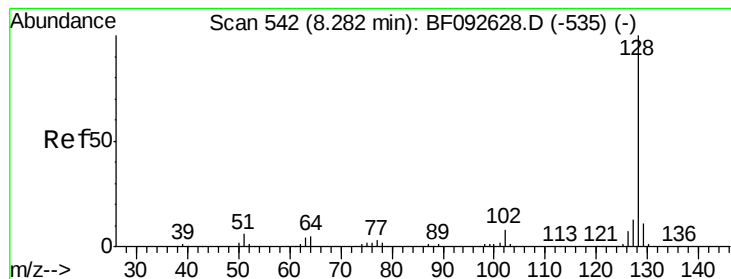
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.69 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	331826		
182	93.0	78.2	117.4	
145	31.8	21.6	32.4	





#31

Naphthalene

Concen: 32.66 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

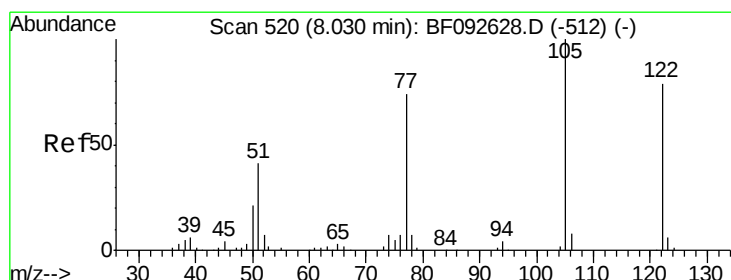
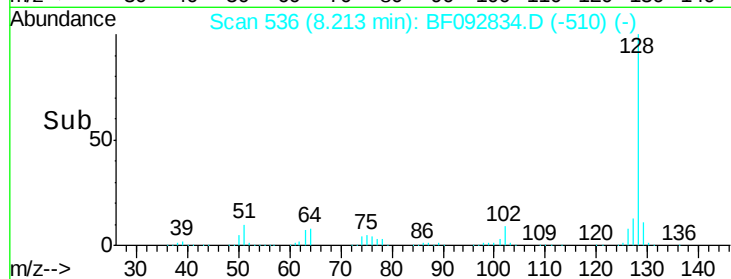
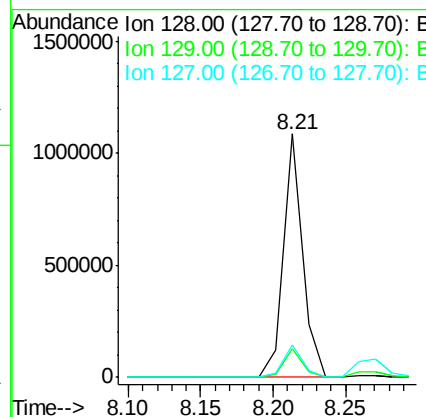
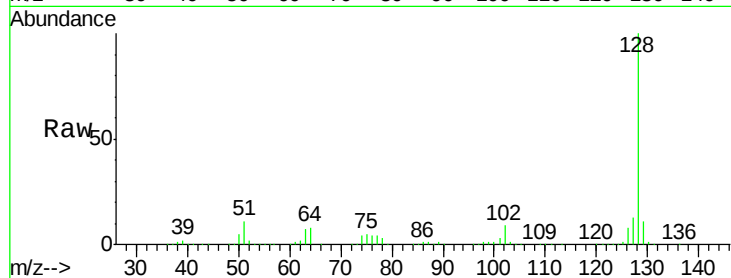
ClientSampleId :

PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	994955		
129	11.5		9.5	14.3
127	13.4		10.8	16.2

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#32

Benzoic acid

Concen: 34.12 ng

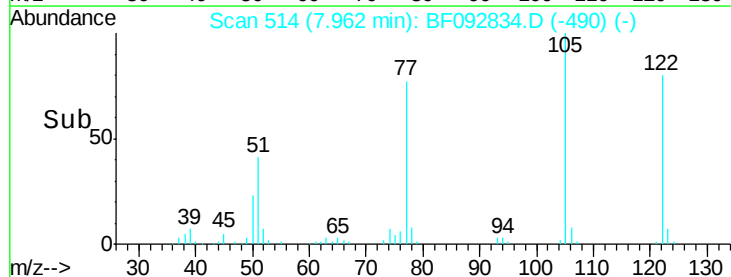
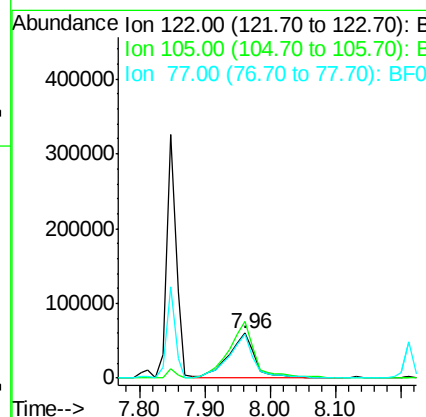
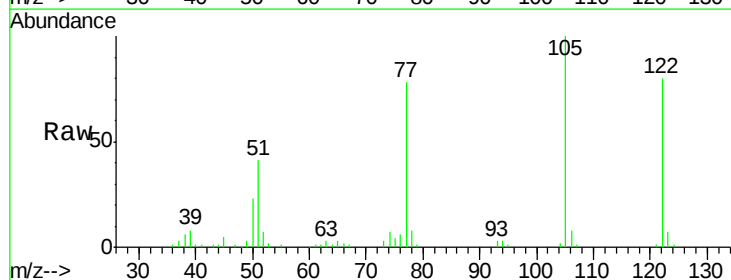
RT: 7.96 min Scan# 514

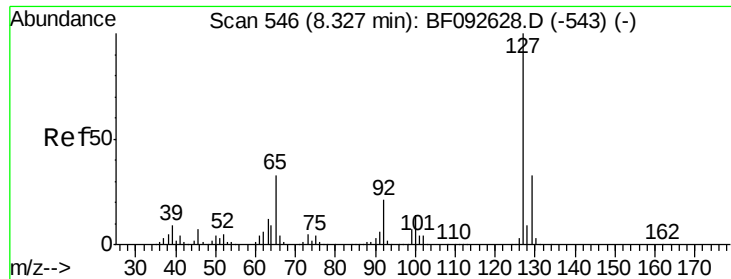
Delta R.T. -0.02 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	166073		
105	125.6		107.2	147.2
77	97.3		74.5	114.5





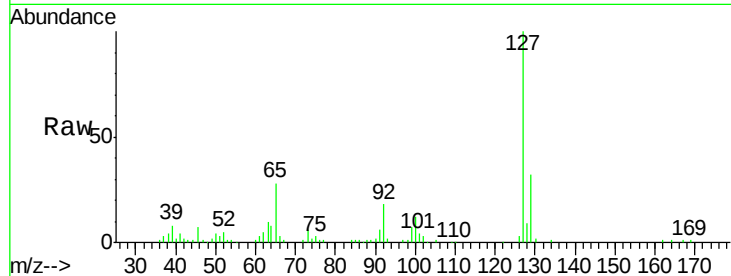
#33
4-Chloroaniline
Concen: 10.89 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

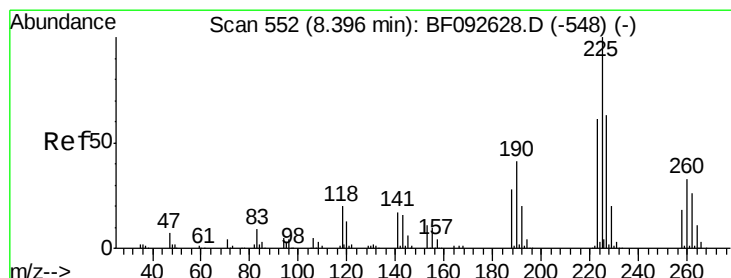
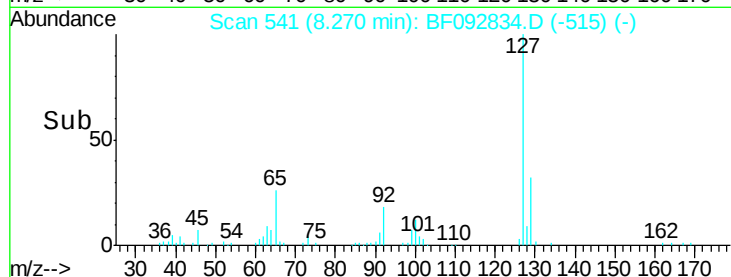
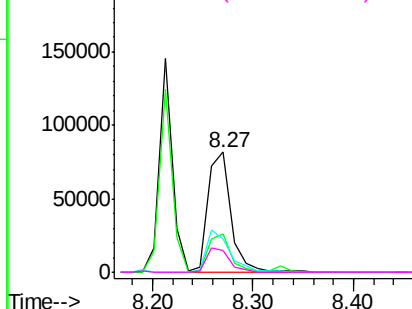
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.3	39.5		
65	27.8	25.8	38.8		
92	17.9	16.1	24.1		

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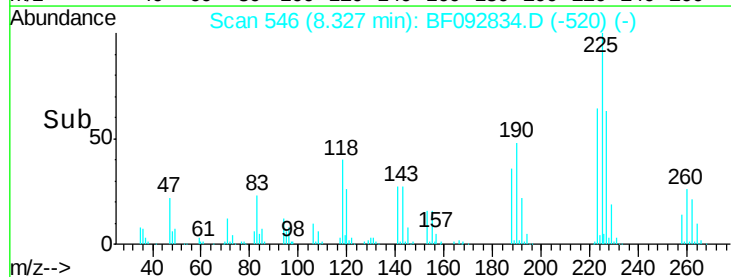
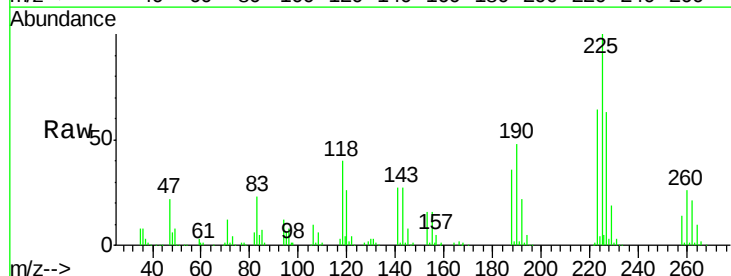
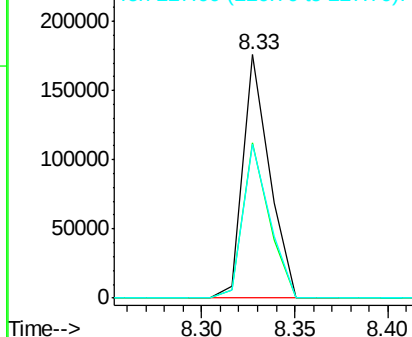
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

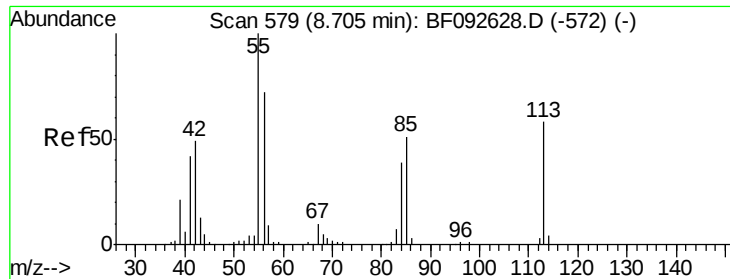


#34
Hexachlorobutadiene
Concen: 34.07 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.0	76.6		
227	63.3	50.6	76.0		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





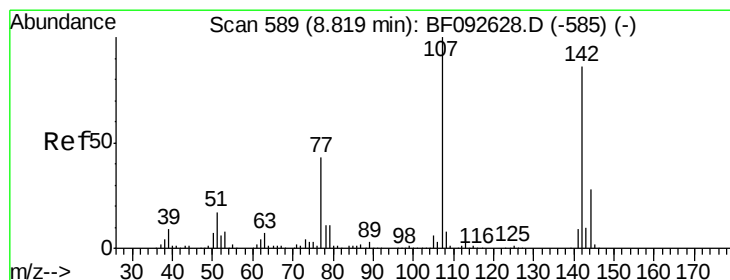
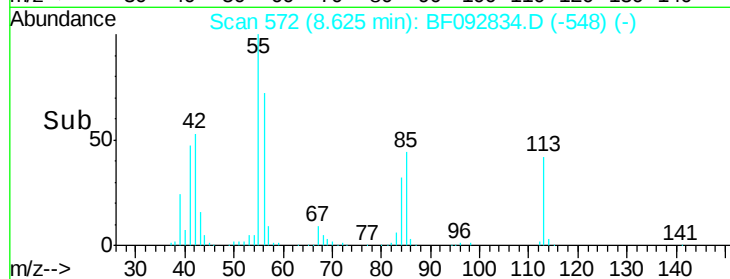
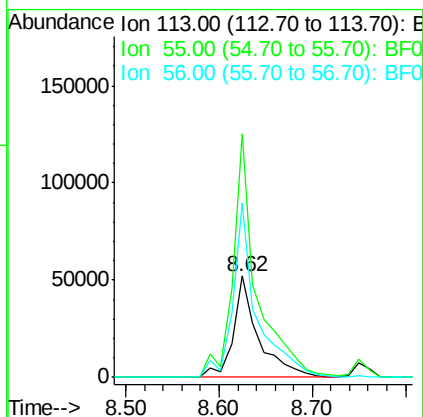
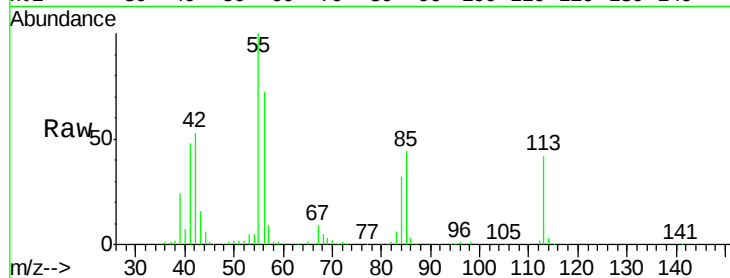
#35
 Caprolactam
 Concen: 36.18 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	240.0	119.2	159.2#
56	172.4	83.8	123.8#

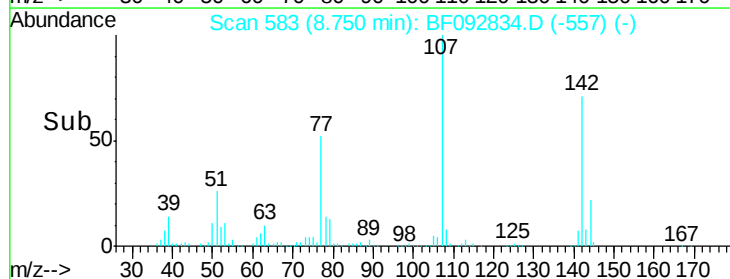
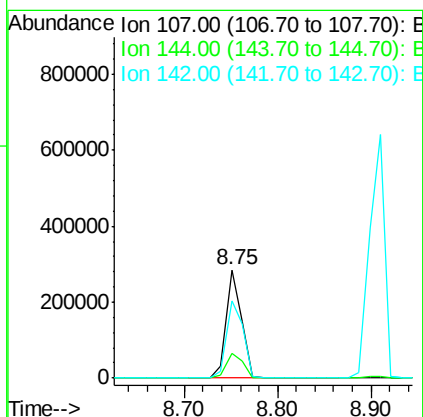
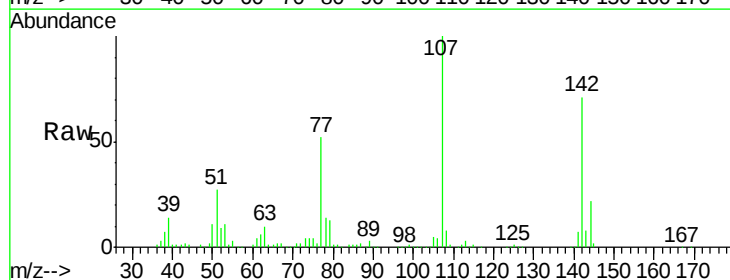
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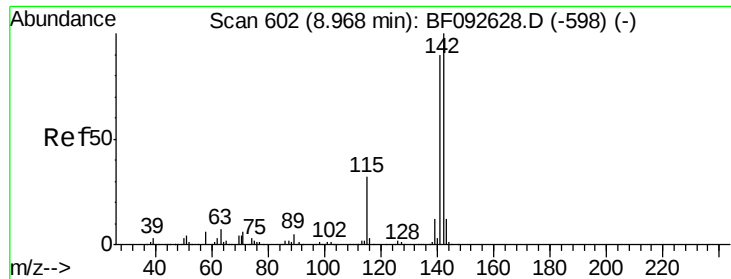
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#36
 4-Chloro-3-methylphenol
 Concen: 36.28 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	19.3	28.9
142	70.7	59.0	88.6





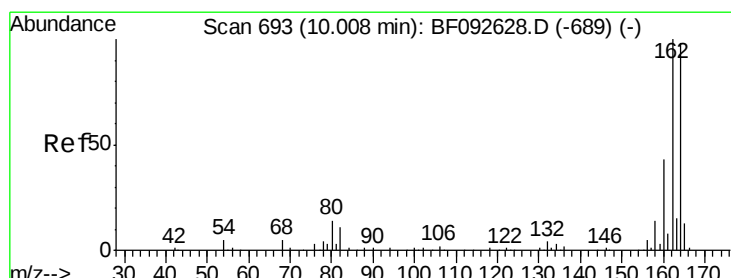
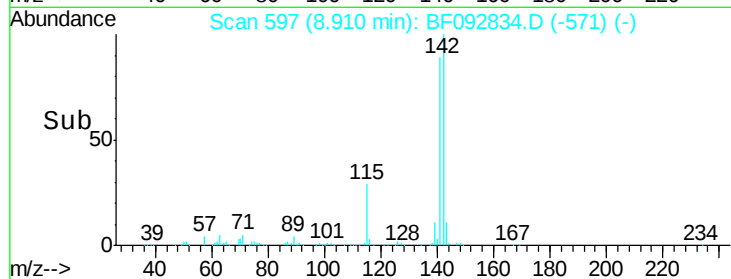
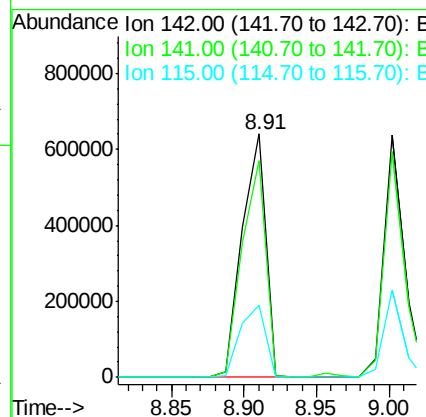
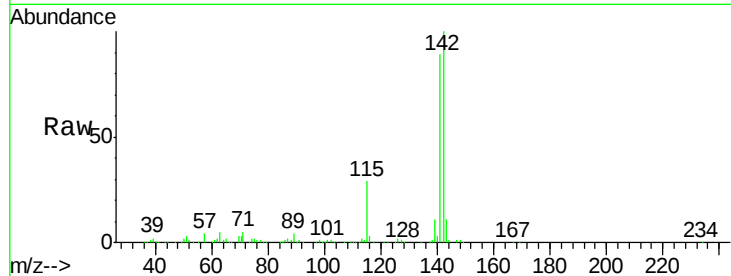
#37
2-Methylnaphthalene
Concen: 37.20 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	29.5	28.3	42.5

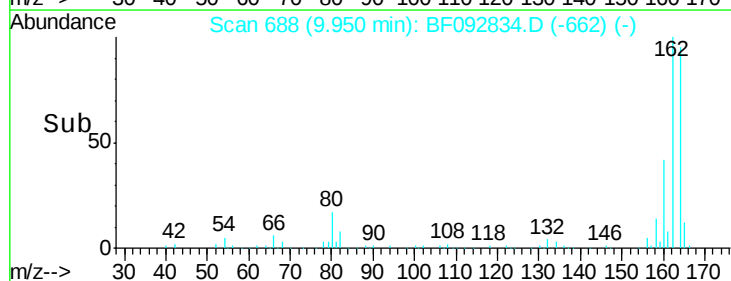
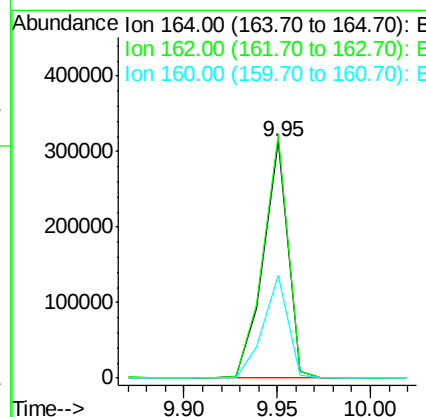
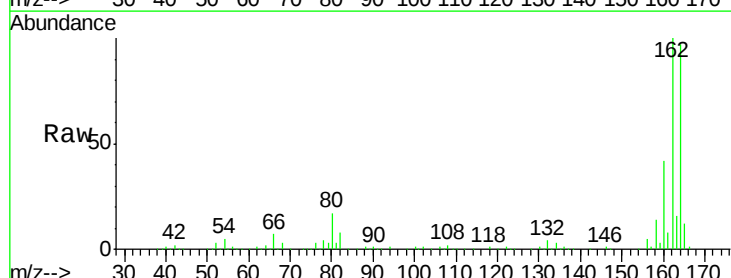
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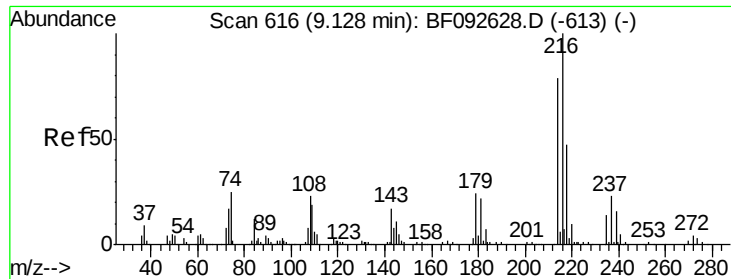
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	43.5	36.9	55.3





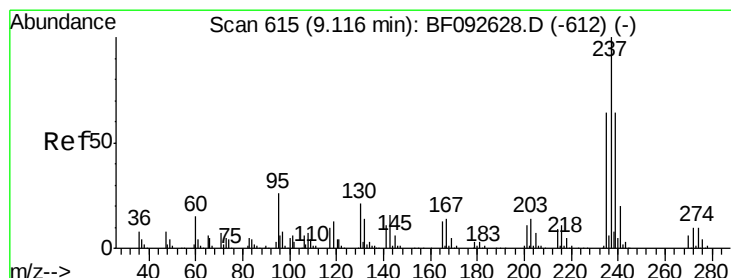
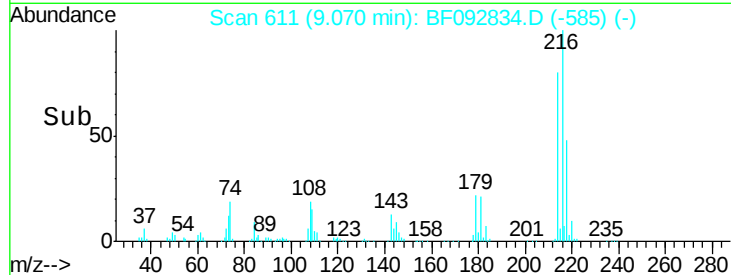
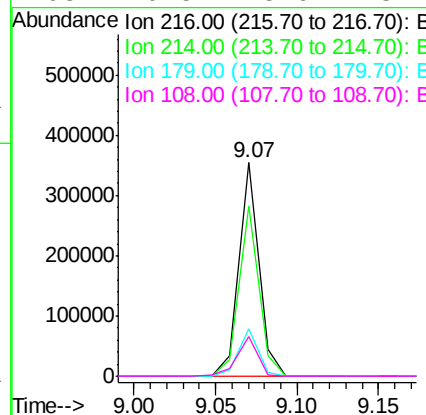
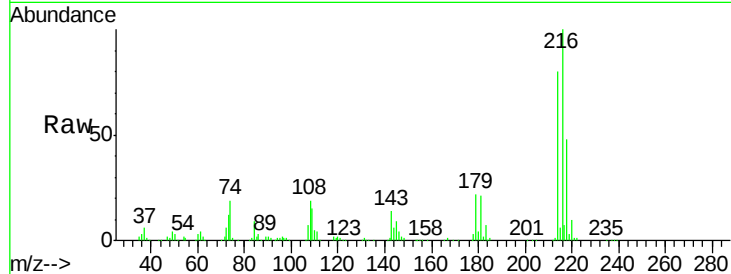
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.13 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion:	216	Resp:	298654
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.0
179	21.9	17.4	26.2
108	19.5	15.6	23.4

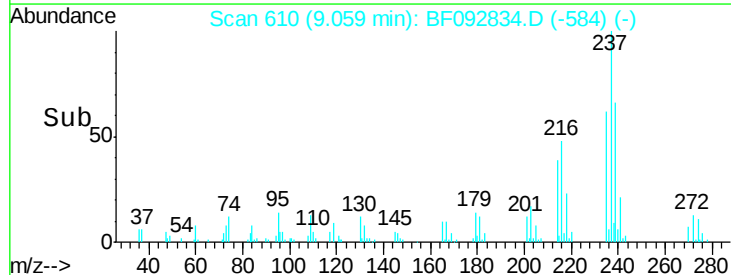
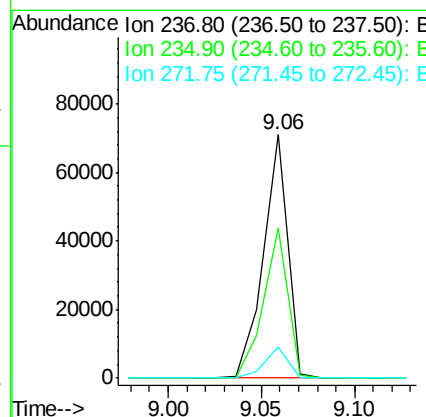
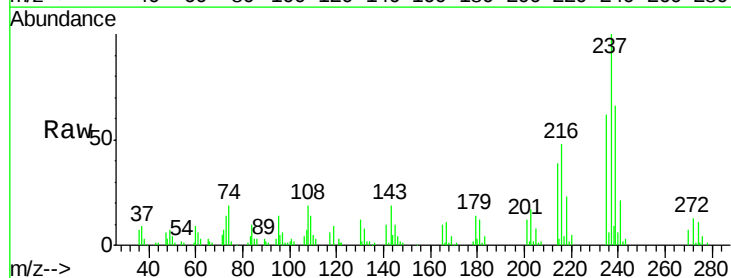
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#40
 Hexachlorocyclopentadiene
 Concen: 17.52 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion:	237	Resp:	63590
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.2	81.2
272	12.8	0.0	35.4





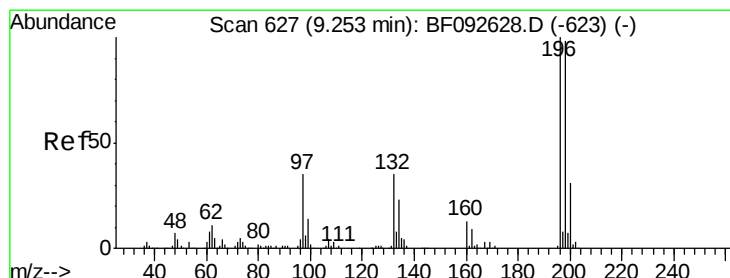
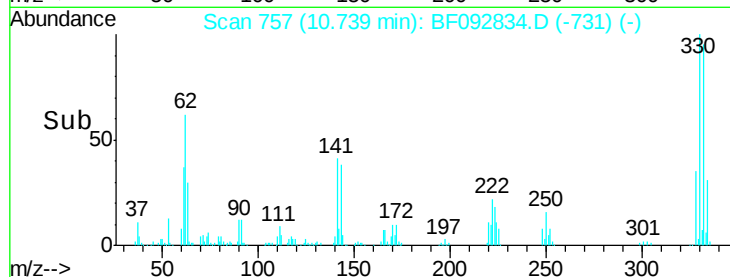
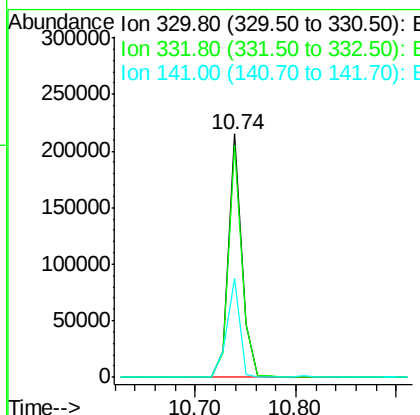
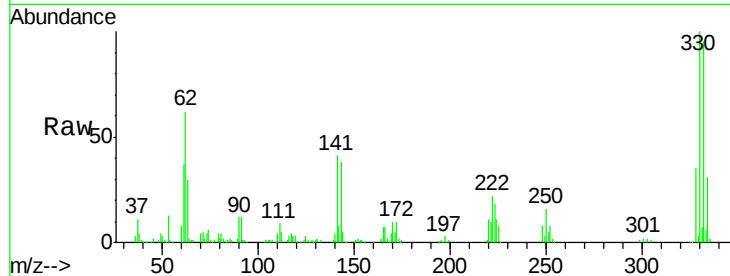
#41
 2,4,6-Tribromophenol
 Concen: 95.96 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198887		
332	96.0		77.4	116.2
141	39.6		34.1	51.1

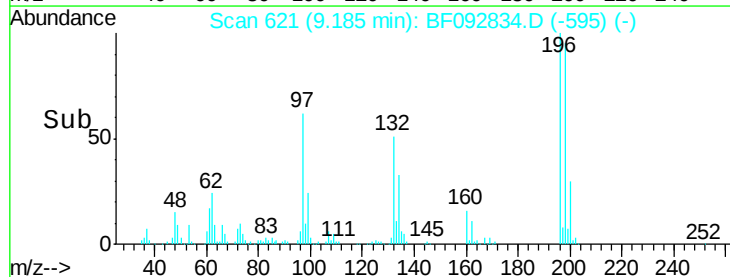
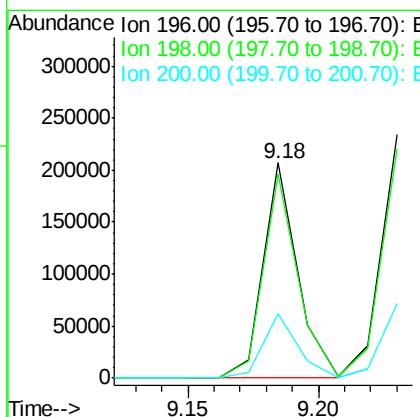
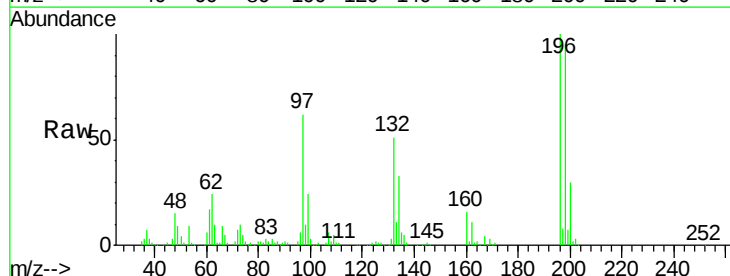
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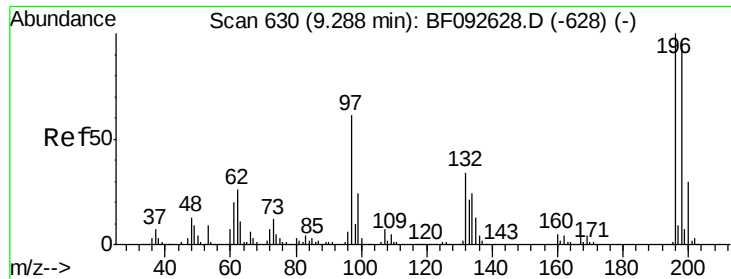
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#42
 2,4,6-Trichlorophenol
 Concen: 36.09 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190739		
198	94.8		82.1	123.1
200	30.0		27.0	40.4





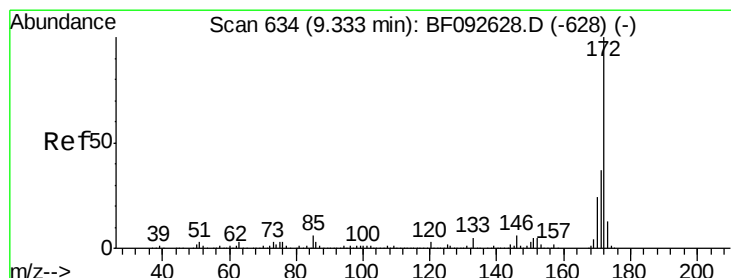
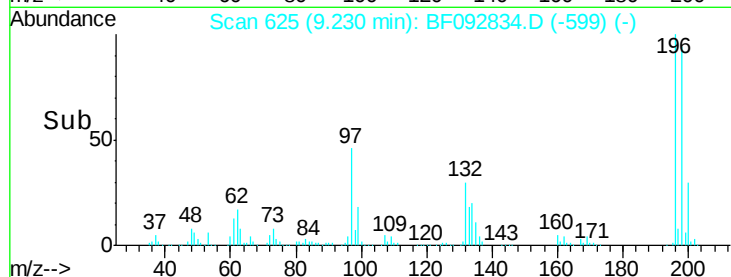
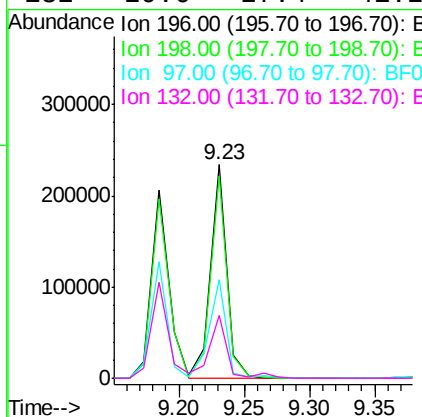
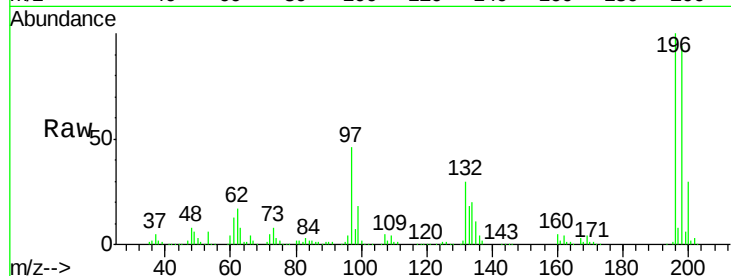
#43
2,4,5-Trichlorophenol
Concen: 34.96 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202484		
198	94.5	79.4	119.2	
97	46.4	51.5	77.3#	
132	29.6	27.4	41.2	

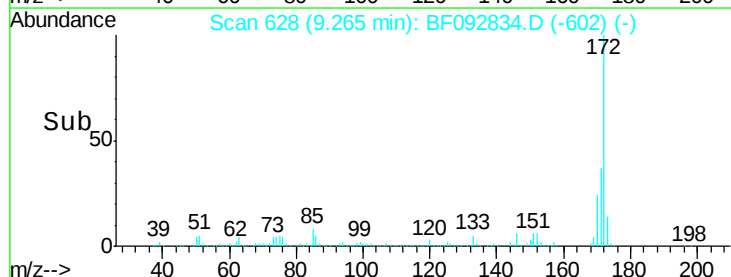
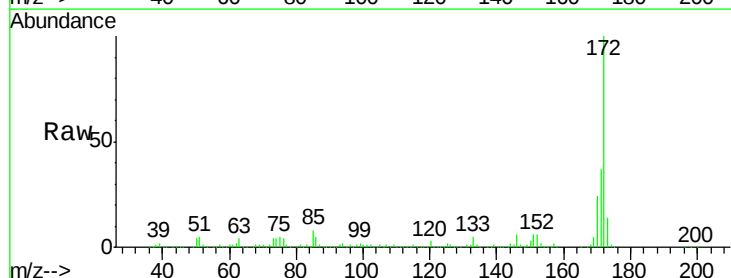
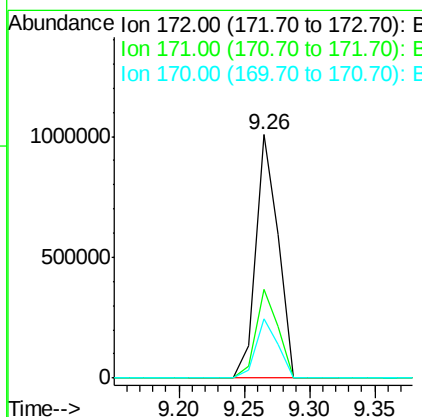
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#44
2-Fluorobiphenyl
Concen: 75.60 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1195910		
171	36.7	29.4	44.0	
170	24.3	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 33.93 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

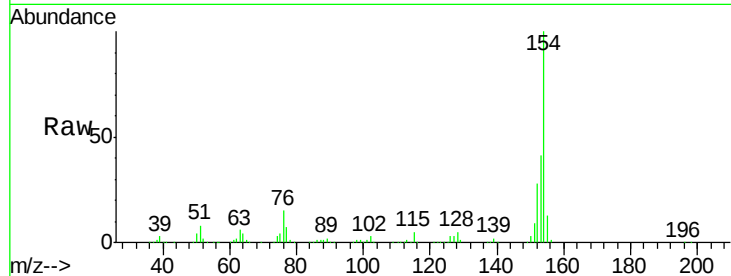
ClientSampleId :

PB96777BS

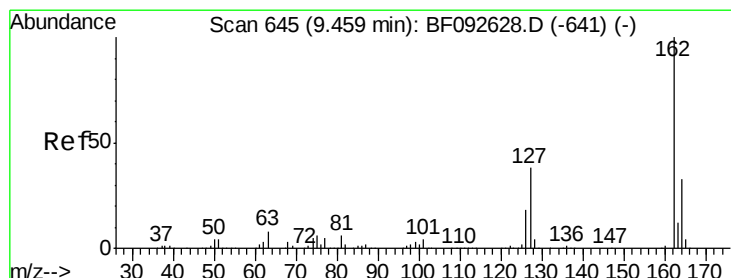
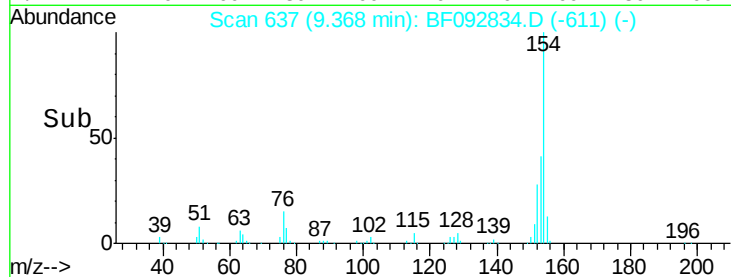
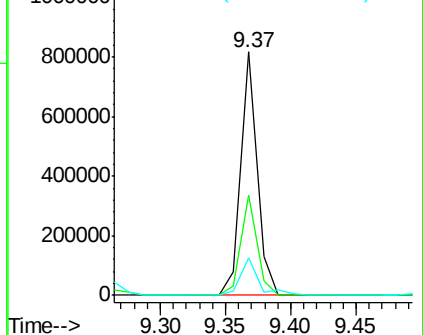
Tot Ion:	154	Resp:	704098
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.9	60.9
76	15.4	0.0	30.5

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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: 34.21 ng

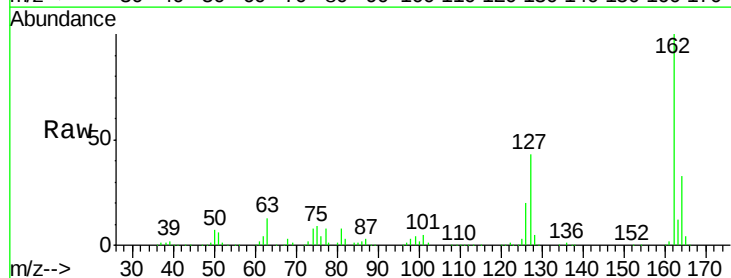
RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

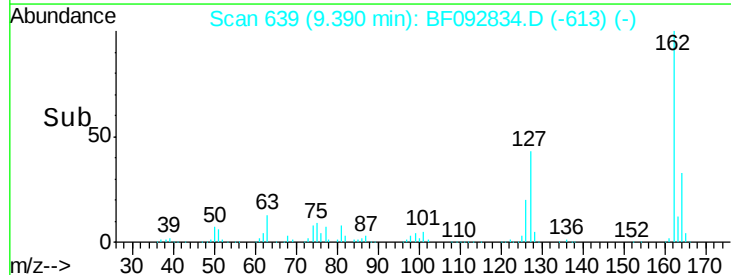
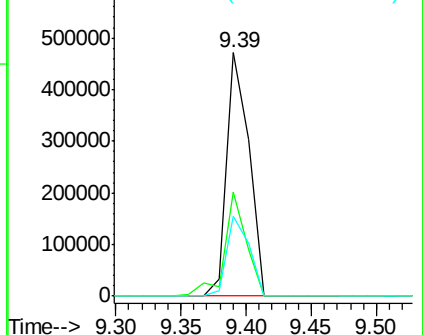
Lab File: BF092834.D

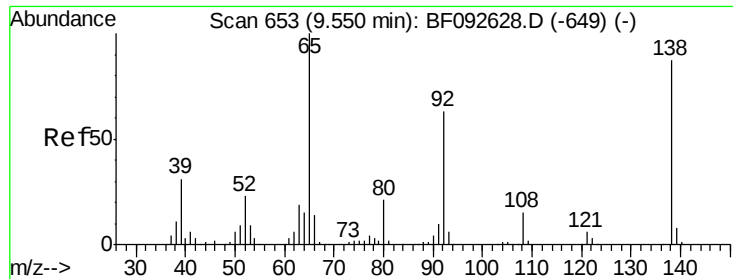
Acq: 7 Feb 2017 18:01

Tgt Ion:	162	Resp:	555337
Ion Ratio	Lower	Upper	
162	100		
127	42.8	30.7	46.1
164	32.9	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





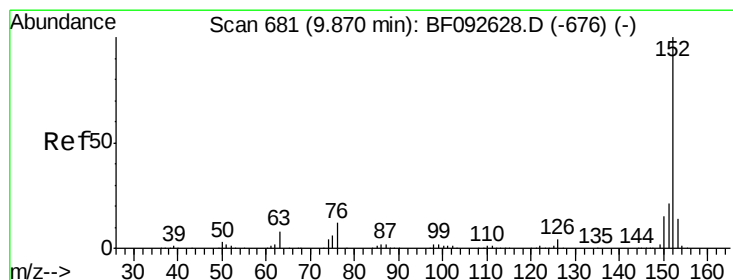
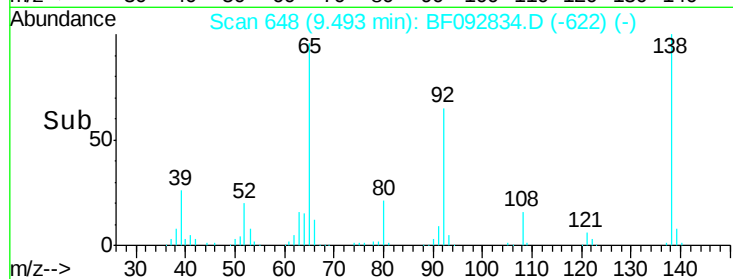
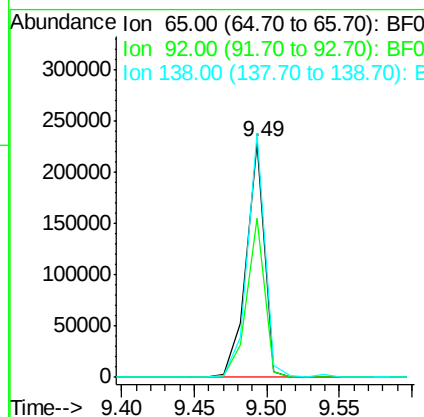
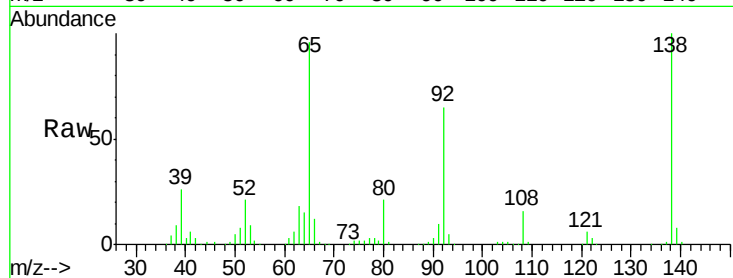
#47
2-Nitroaniline
Concen: 36.81 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.9	80.9
138	103.8	76.8	115.2

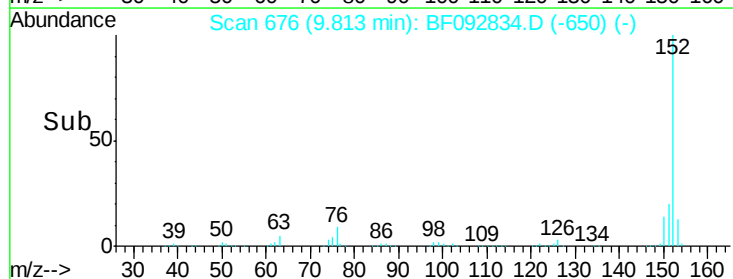
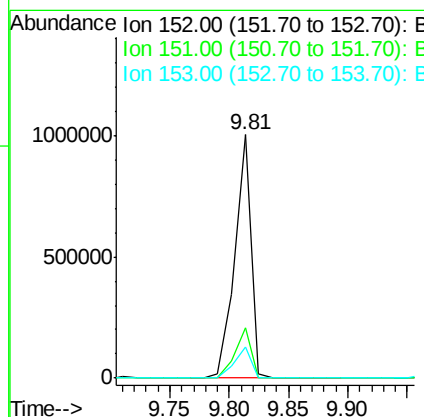
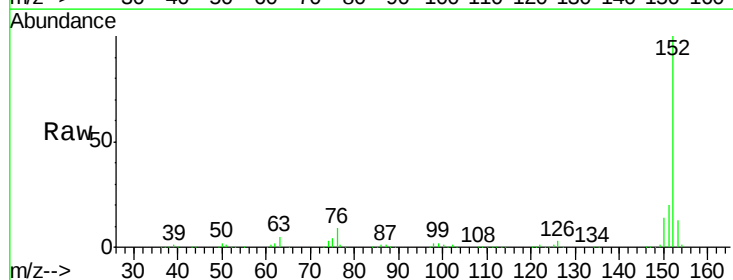
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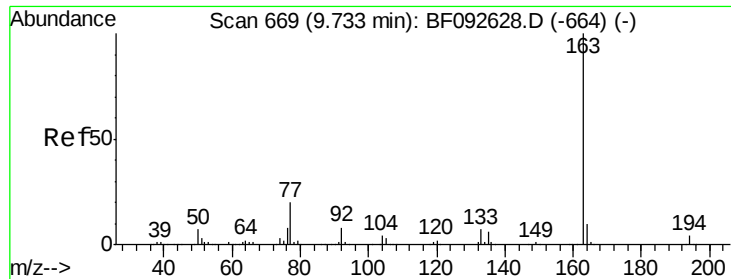
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#48
Acenaphthylene
Concen: 33.93 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	12.9	11.4	17.2





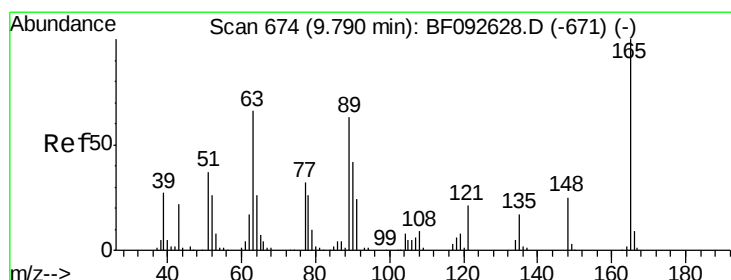
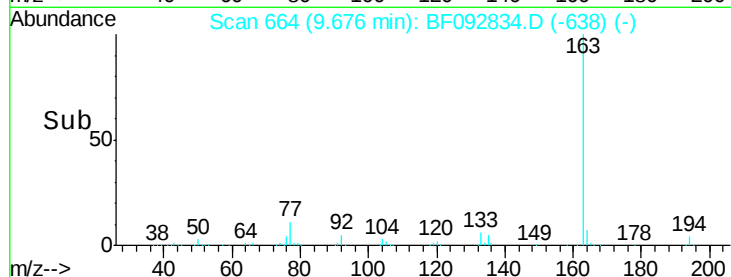
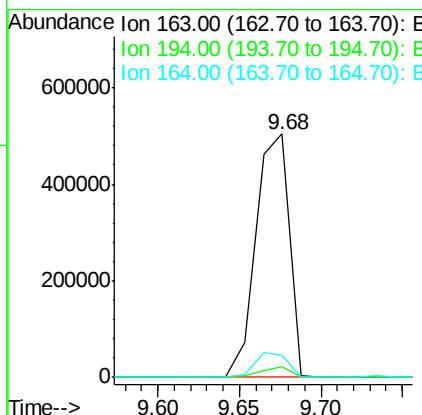
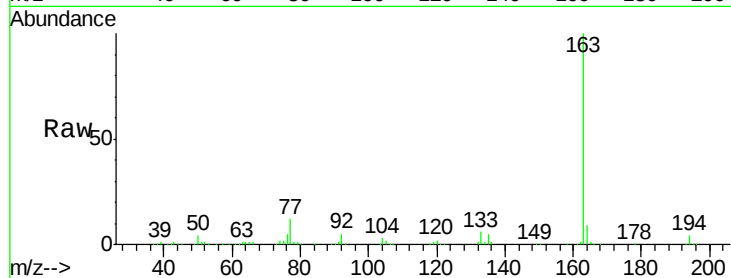
#49
Dimethylphthalate
Concen: 37.11 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	716249		
194	4.1		3.0	4.4
164	9.1		8.0	12.0

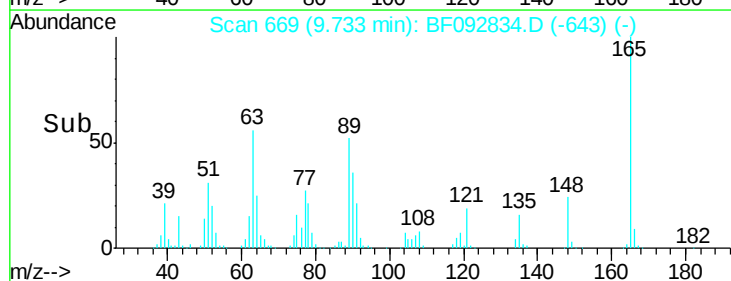
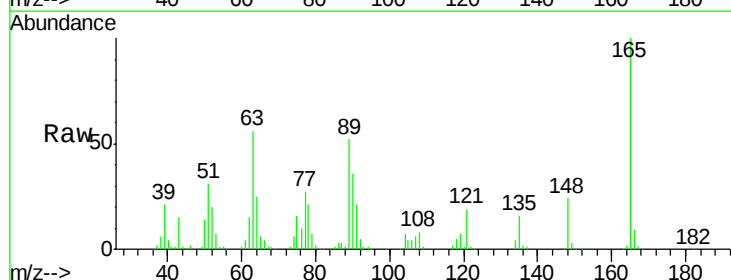
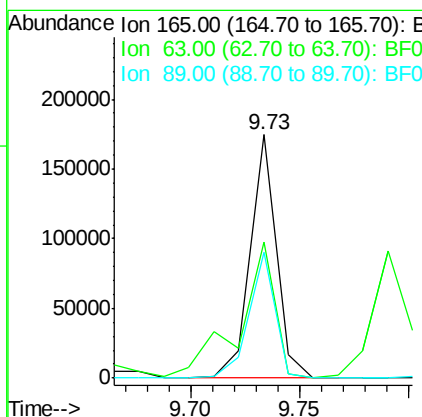
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#50
2,6-Dinitrotoluene
Concen: 34.86 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145306		
63	55.7		36.2	54.4#
89	51.7		40.2	60.4





#51

Acenaphthene

Concen: 34.18 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

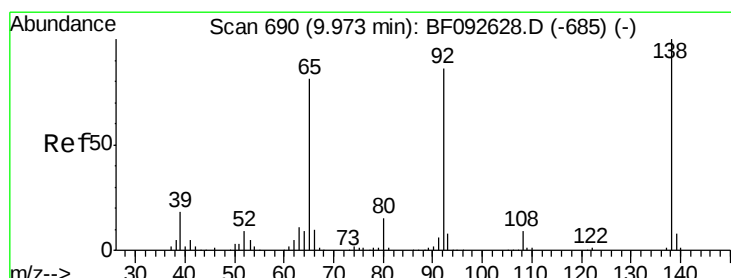
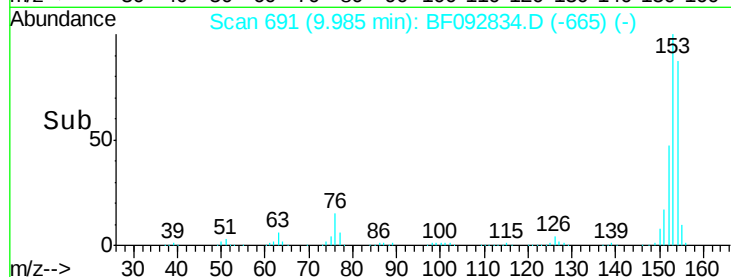
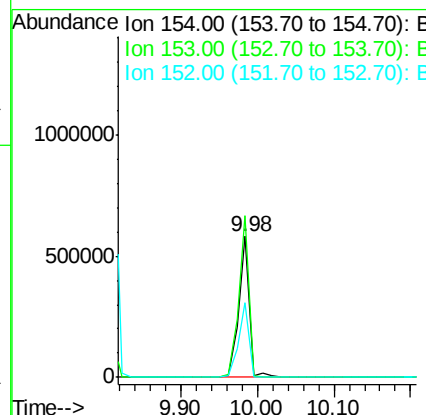
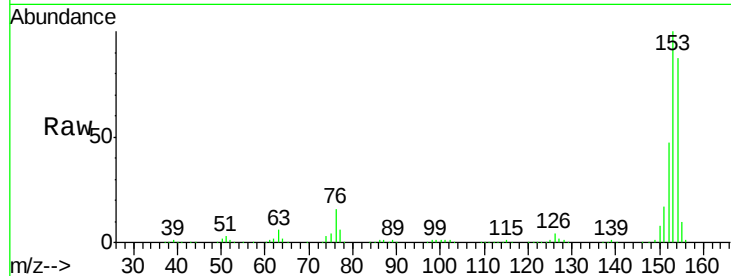
ClientSampleId :

PB96777BS

Tot Ion:	154	Resp:	573049
Ion Ratio	Lower	Upper	
154	100		
153	114.4	88.6	133.0
152	53.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 21.88 ng

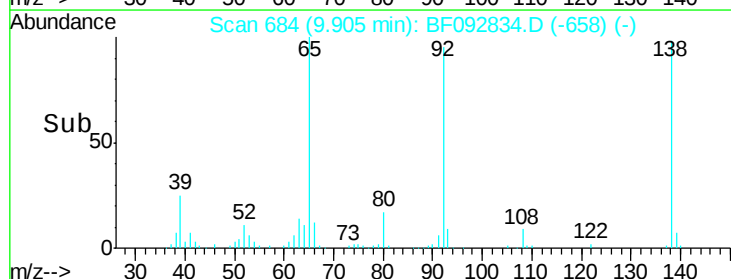
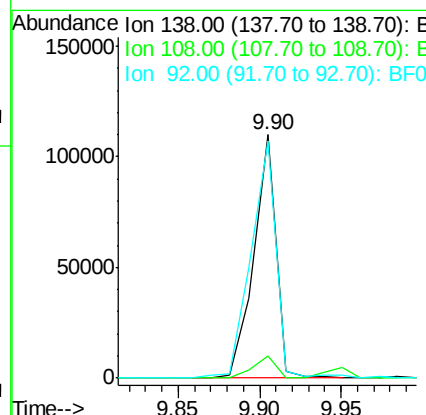
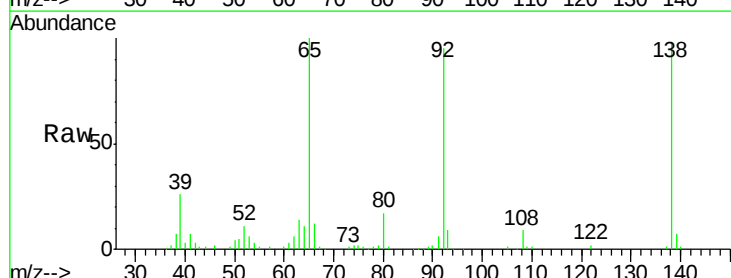
RT: 9.90 min Scan# 684

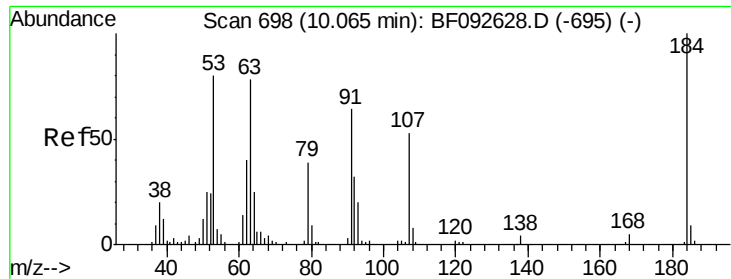
Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	138	Resp:	104386
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.5	12.7
92	97.4	97.8	146.8#





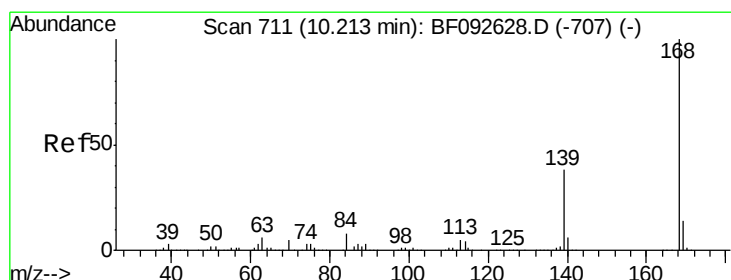
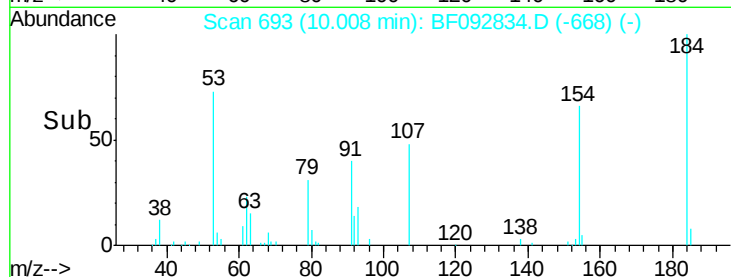
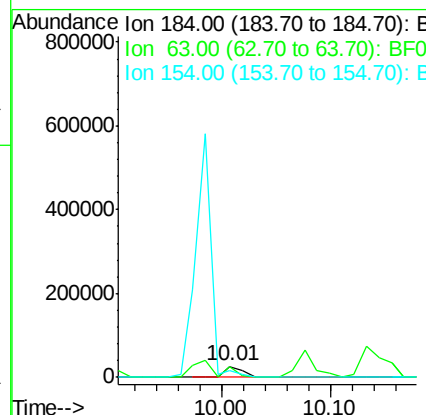
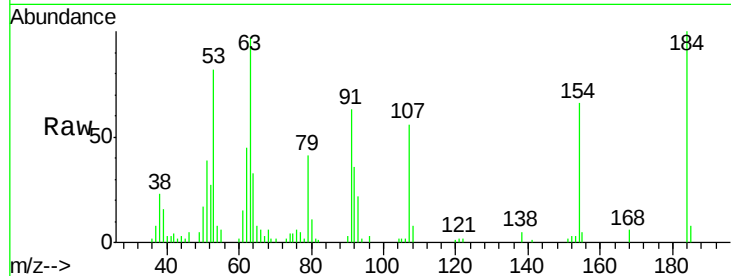
#53
 2,4-Dinitrophenol
 Concen: 19.06 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	32283		
63	97.0	28.4	42.6	#
154	65.8	44.3	66.5	

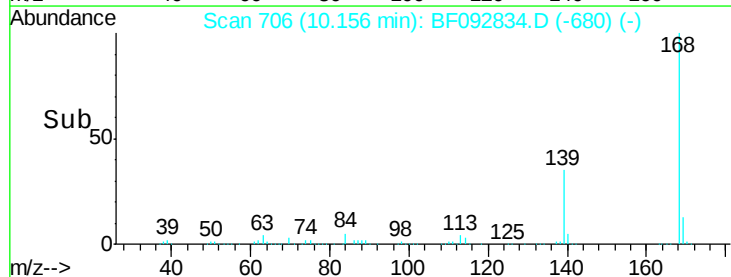
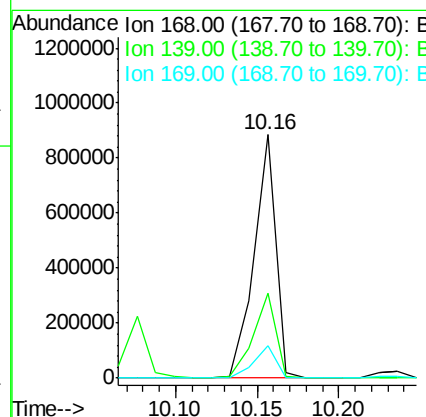
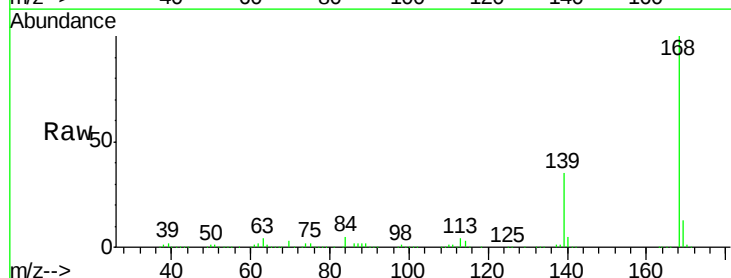
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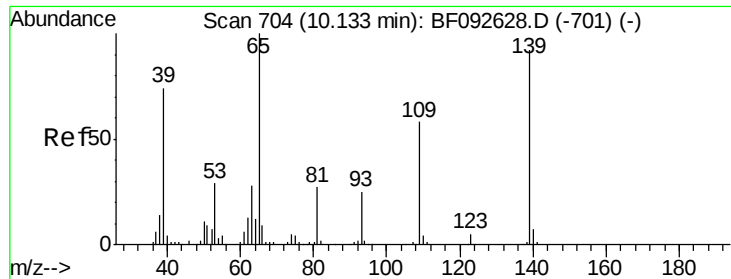
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#54
 Dibenzofuran
 Concen: 36.48 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	818073		
139	35.0	32.6	49.0	
169	13.3	11.3	16.9	





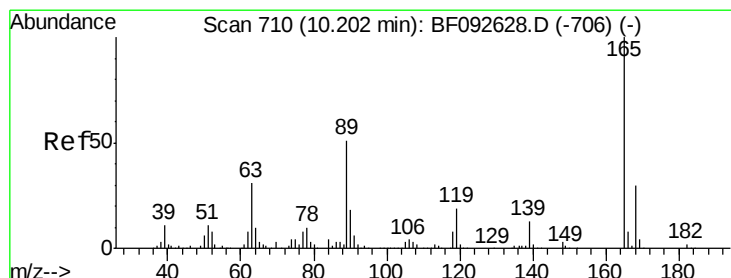
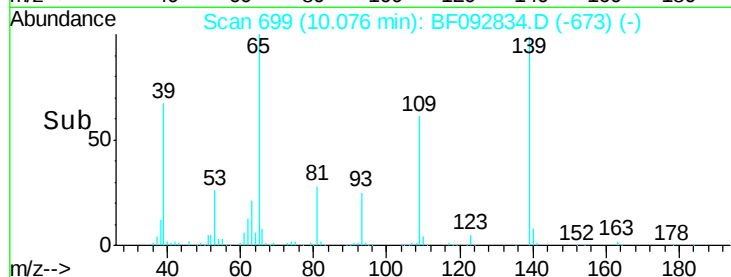
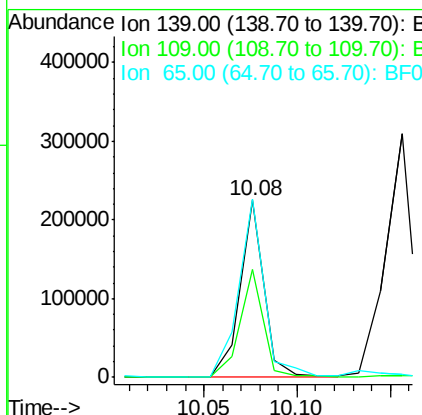
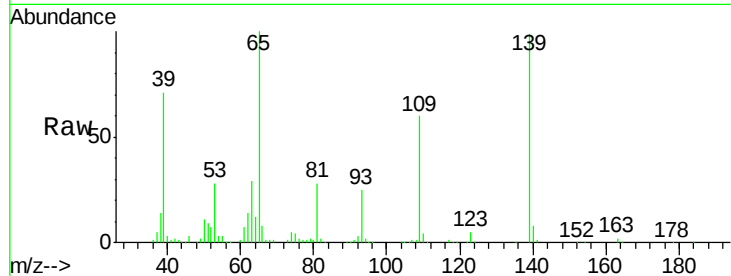
#55
4-Nitrophenol
Concen: 59.11 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	203112		
109	61.1	52.2	92.2	
65	101.1	85.8	125.8	

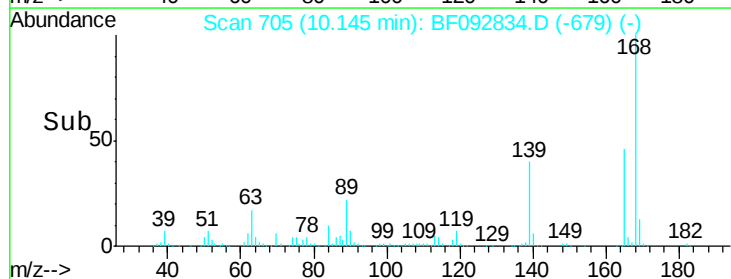
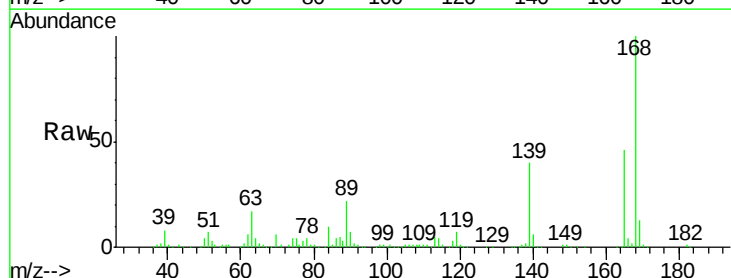
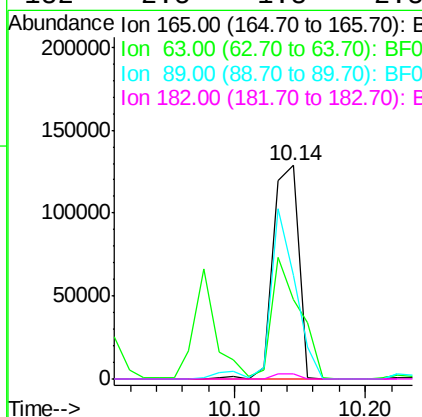
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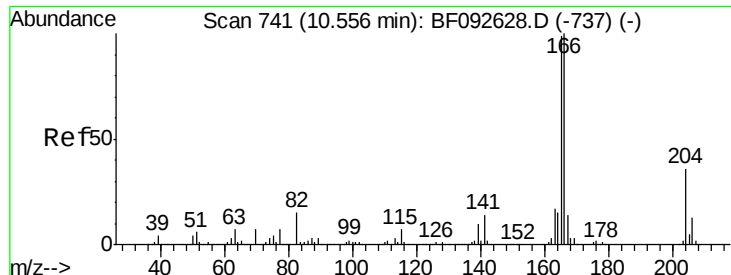
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#56
2,4-Dinitrotoluene
Concen: 31.96 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	177372		
63	37.2	40.2	60.4#	
89	48.5	62.5	93.7#	
182	2.5	1.8	2.8	





#57

Fluorene

Concen: 35.93 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

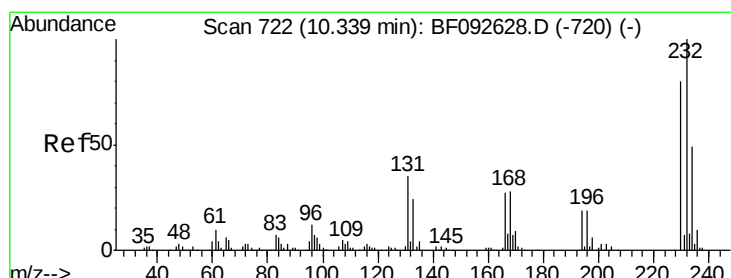
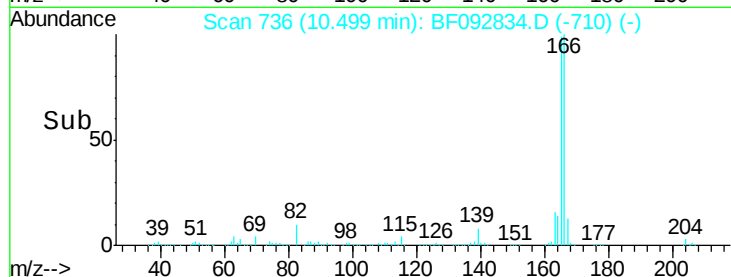
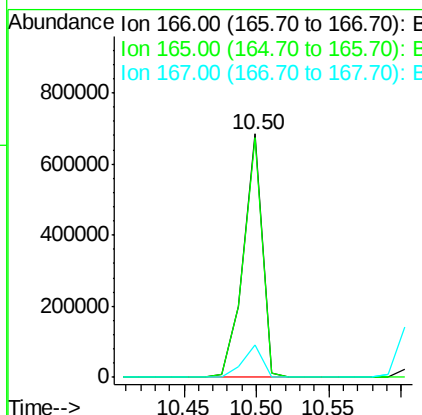
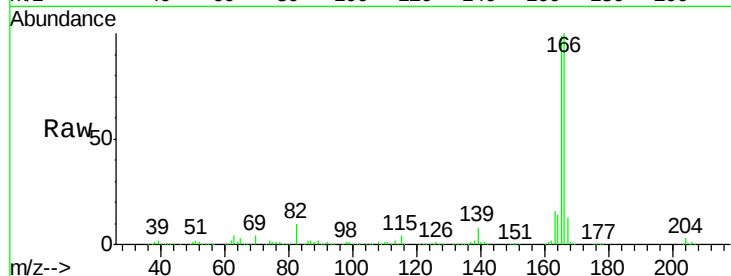
ClientSampleId :

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Tot Ion:	166	Resp:	619877
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.8	116.8
167	13.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.35 ng

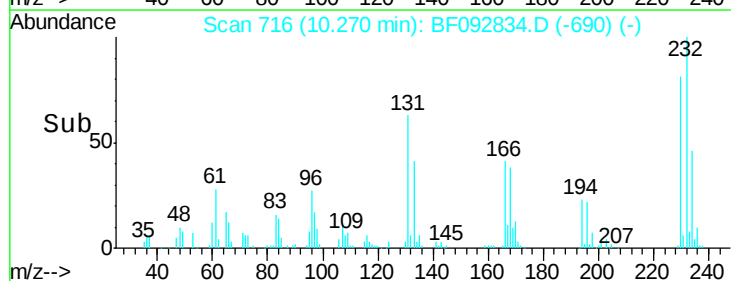
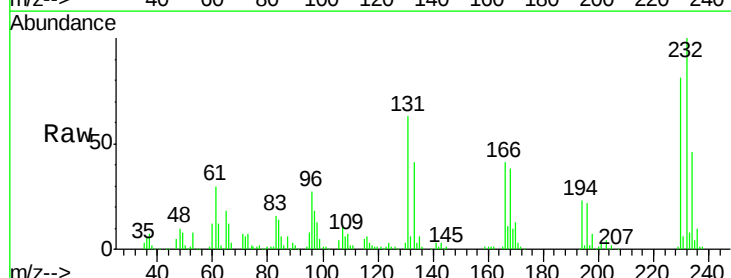
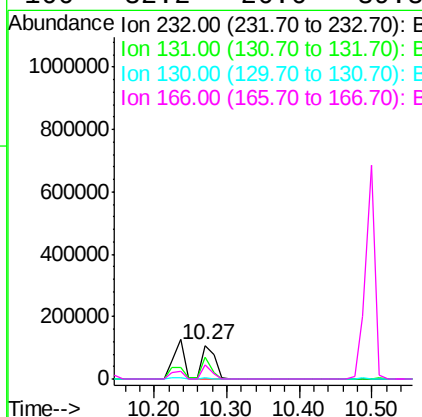
RT: 10.27 min Scan# 716

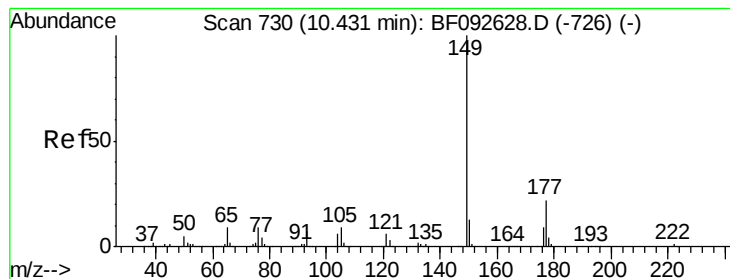
Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	232	Resp:	140422
Ion Ratio	Lower	Upper	
232	100		
131	45.5	40.1	60.1
130	1.9	1.8	2.8
166	32.2	26.6	39.8





#59

Diethylphthalate

Concen: 38.27 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

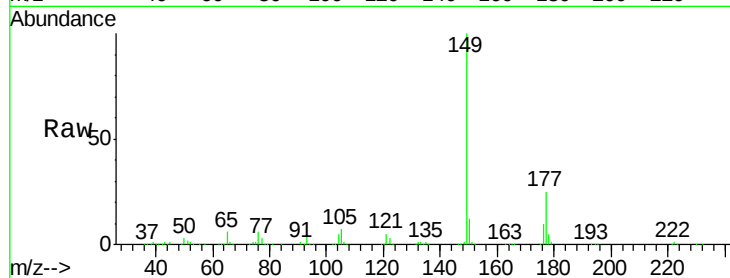
ClientSampleId :

PB96777BS

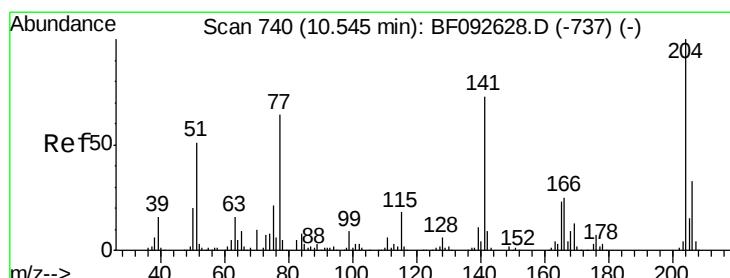
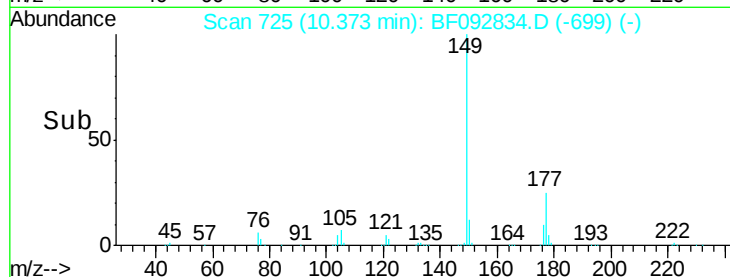
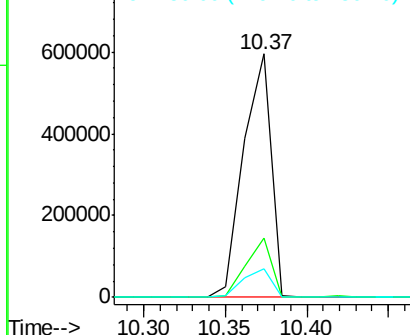
Tot Ion:	149	Resp:	696126
Ion Ratio	Lower	Upper	
149	100		
177	24.5	16.6	25.0
150	11.9	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 34.69 ng

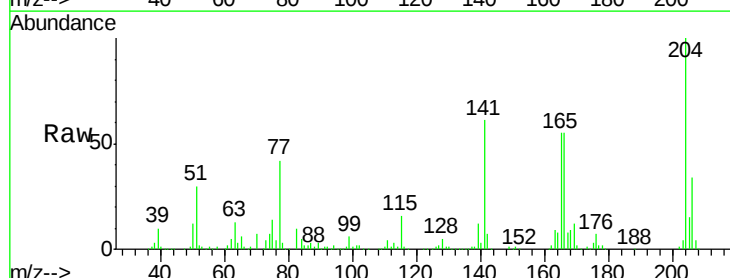
RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

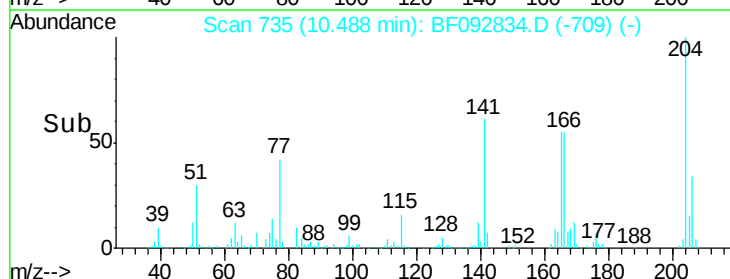
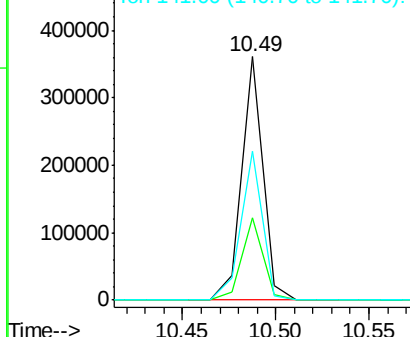
Lab File: BF092834.D

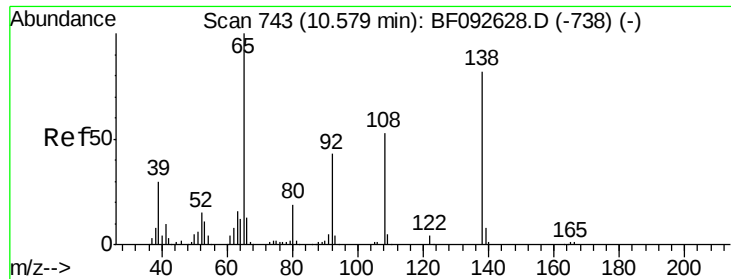
Acq: 7 Feb 2017 18:01

Tgt Ion:	204	Resp:	287511
Ion Ratio	Lower	Upper	
204	100		
206	33.8	25.8	38.6
141	61.3	59.4	89.0



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





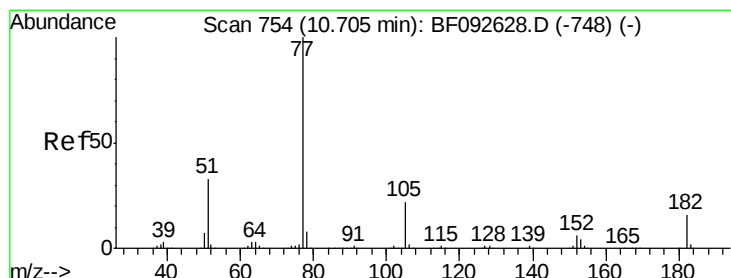
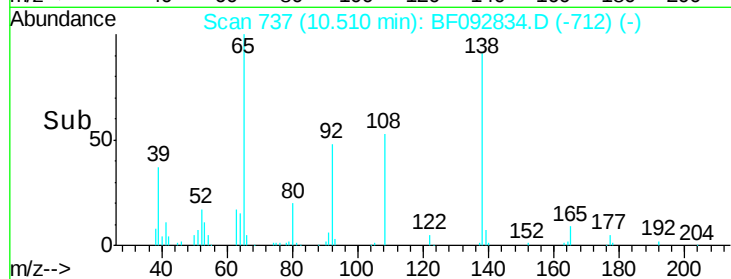
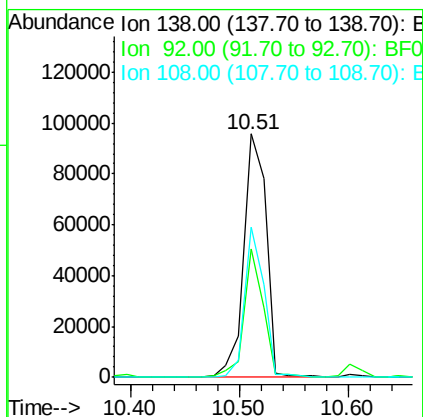
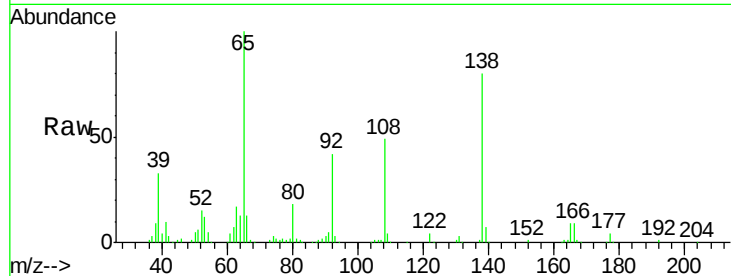
#61
4-Nitroaniline
Concen: 27.99 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.9	31.7	71.7
108	61.7	52.6	92.6

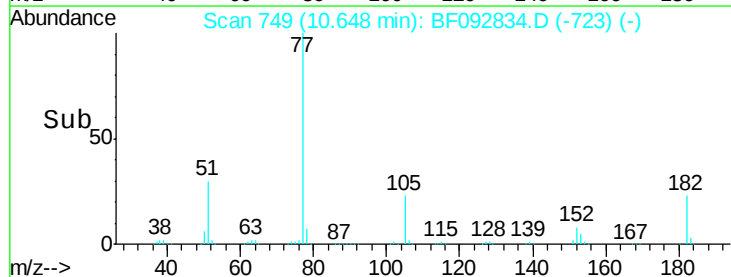
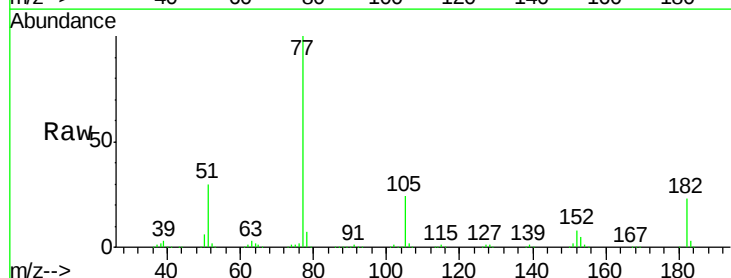
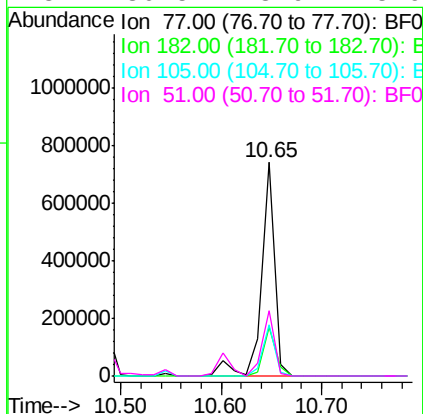
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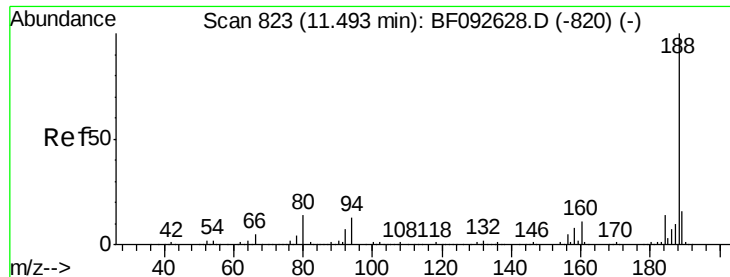
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#62
Azobenzene
Concen: 36.37 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	0.0	39.3
105	23.8	2.3	42.3
51	30.5	8.9	48.9





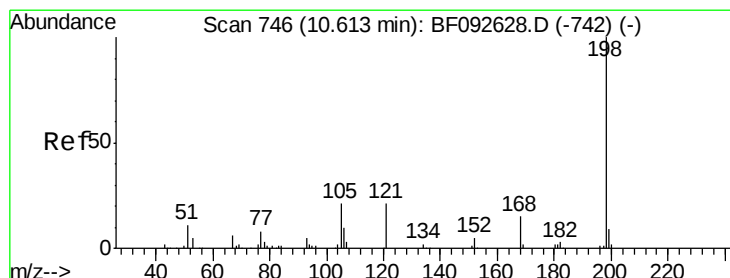
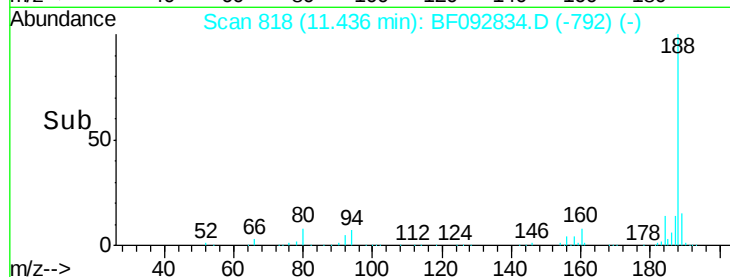
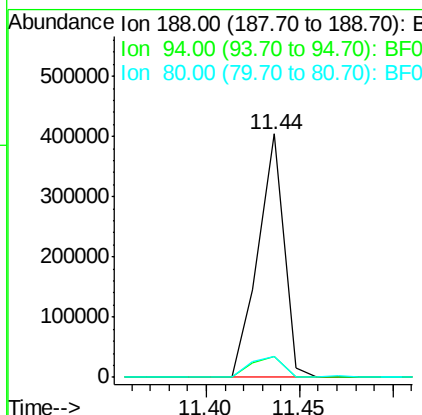
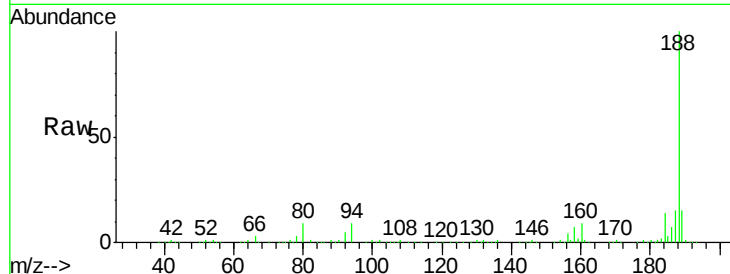
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.6	11.2	16.8#

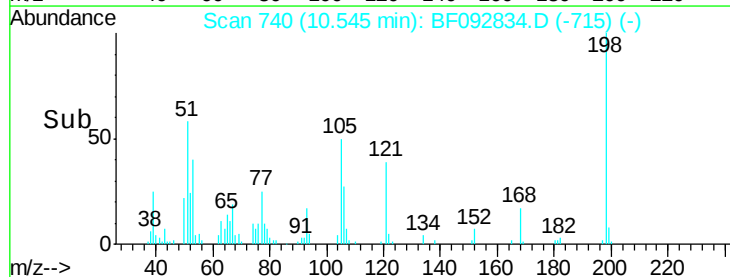
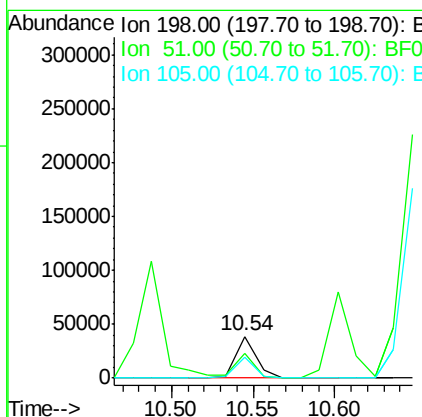
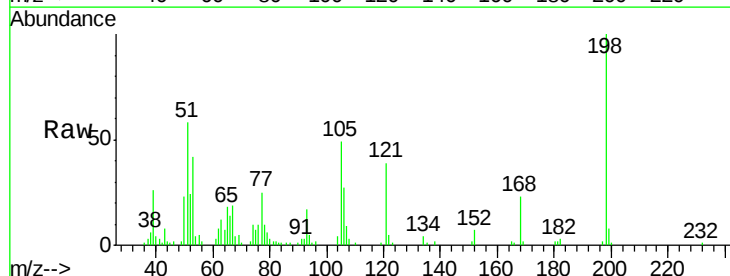
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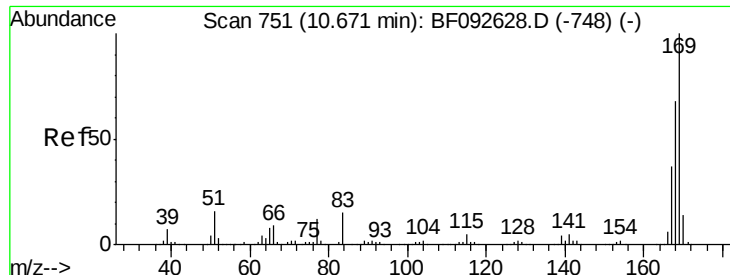
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#64
4,6-Dinitro-2-methylphenol
Concen: 15.97 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	57.9	6.7	46.7#
105	49.1	16.6	56.6





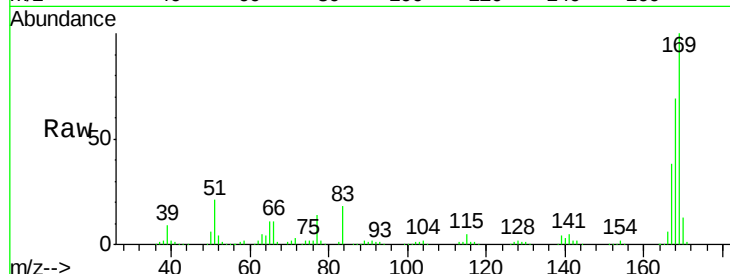
#65
 n-Nitrosodiphenylamine
 Concen: 40.59 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

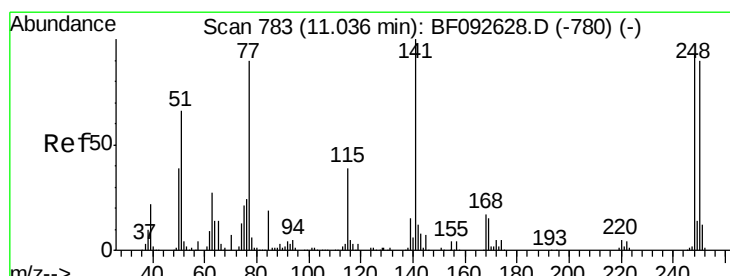
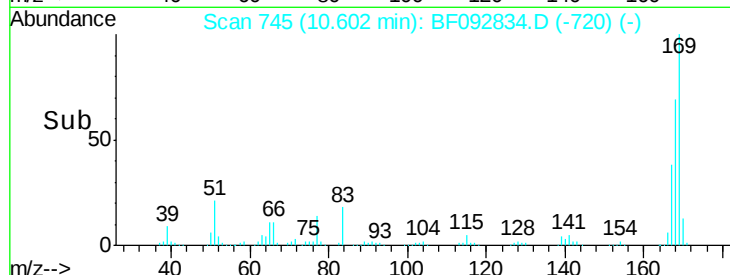
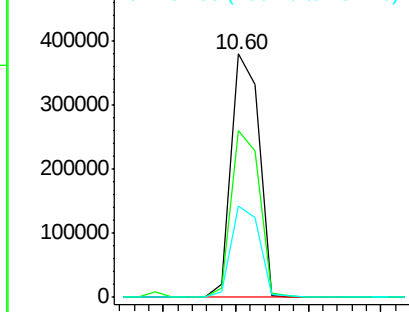
Tot Ion	Ratio	Resp	Lower	Upper
169	100	505762		
168	68.7		54.2	81.2
167	37.7		30.2	45.4

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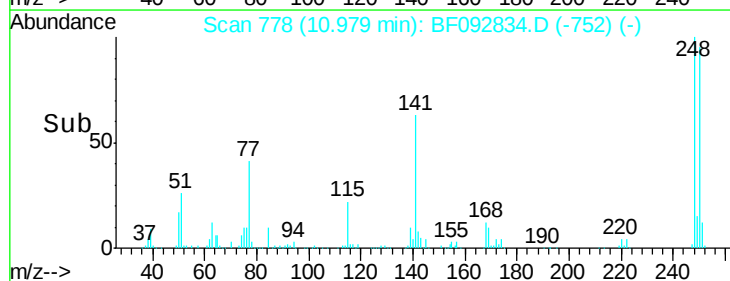
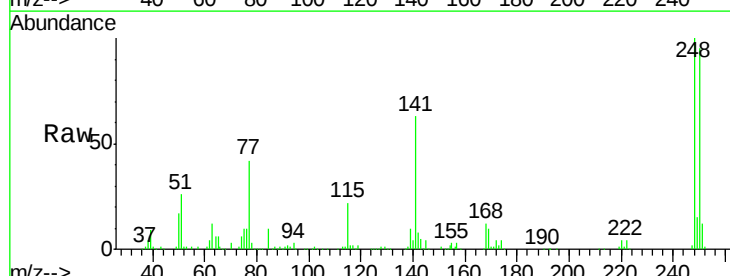
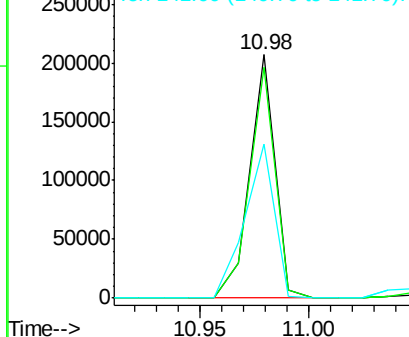
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 41.22 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167987		
250	94.6		76.9	115.3
141	63.5		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





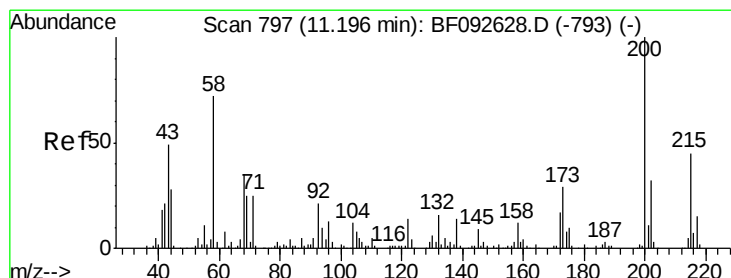
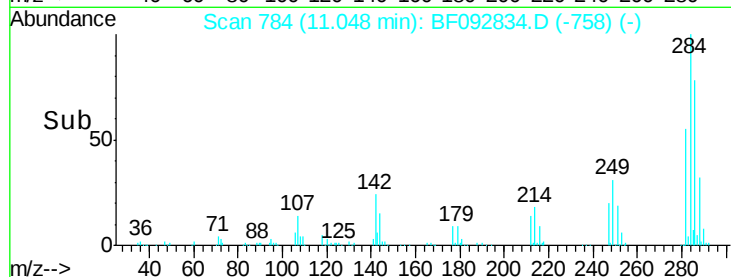
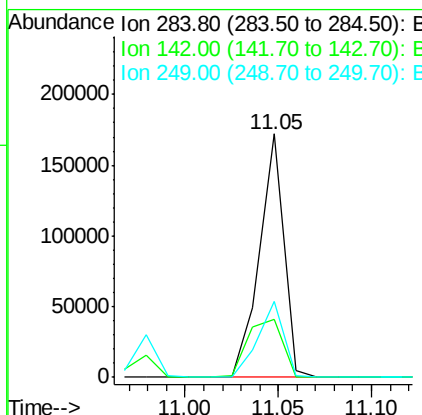
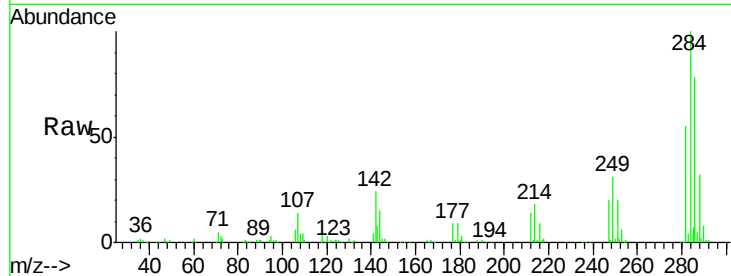
#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	154995		
142	24.1	22.6	33.8	
249	31.2	25.4	38.0	

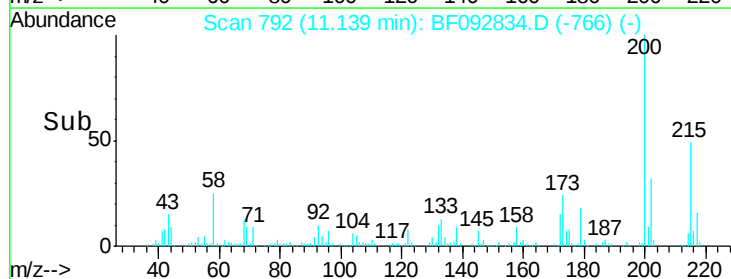
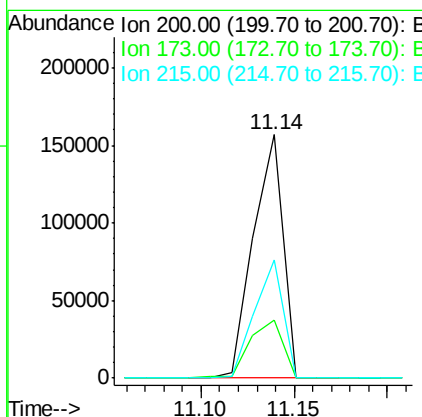
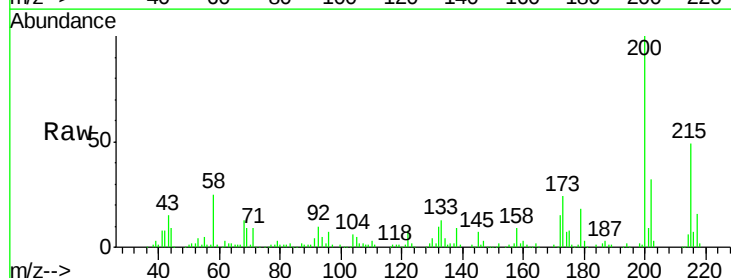
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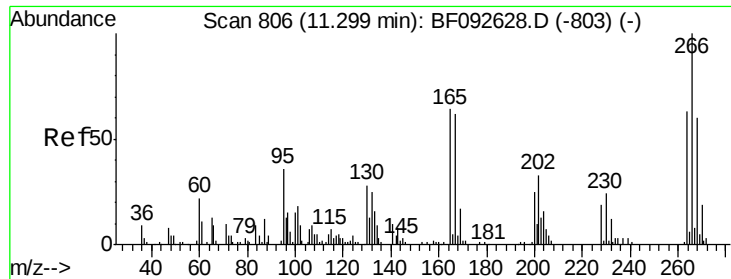
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#68
Atrazine
Concen: 43.20 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	172722		
173	23.6	9.6	49.6	
215	48.6	25.7	65.7	





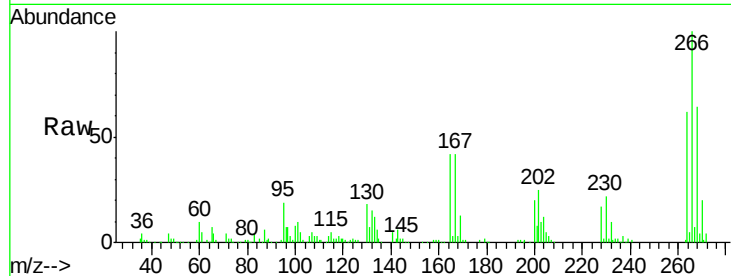
#69
 Pentachlorophenol
 Concen: 67.24 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	137163		
268	64.1	53.3	79.9	
264	61.7	50.3	75.5	

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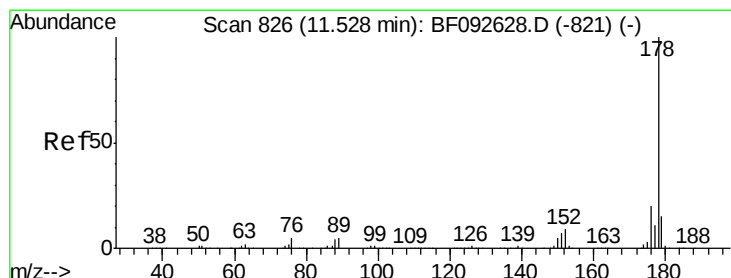
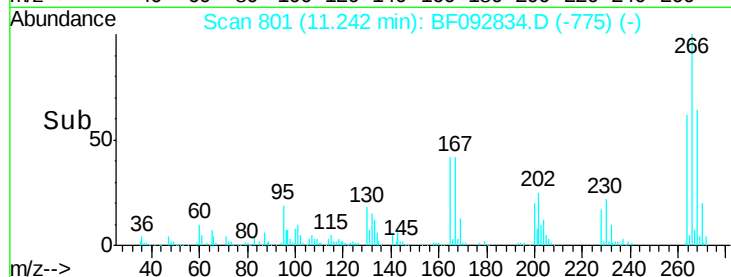
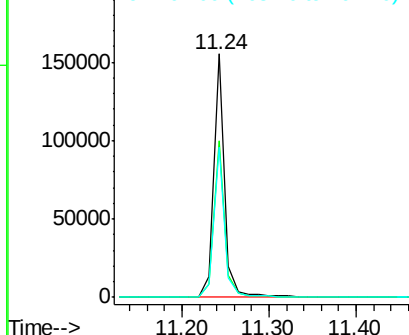


Abundance

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: 34.33 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

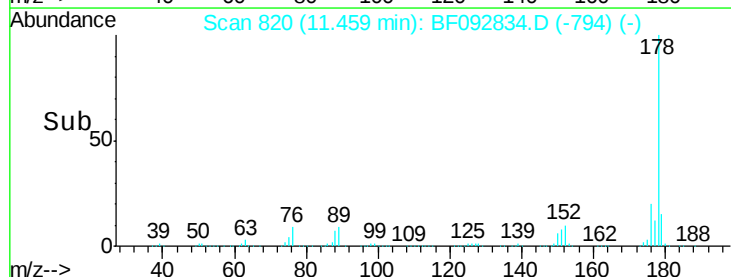
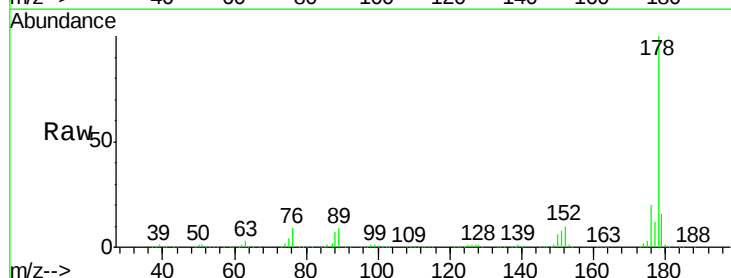
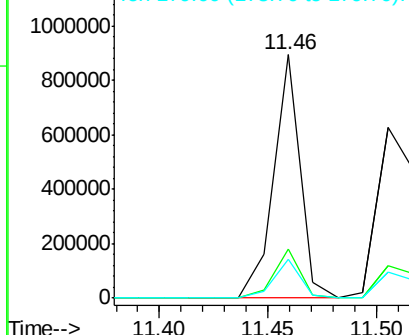
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	767226		
176	20.0	16.6	25.0	
179	15.7	12.8	19.2	

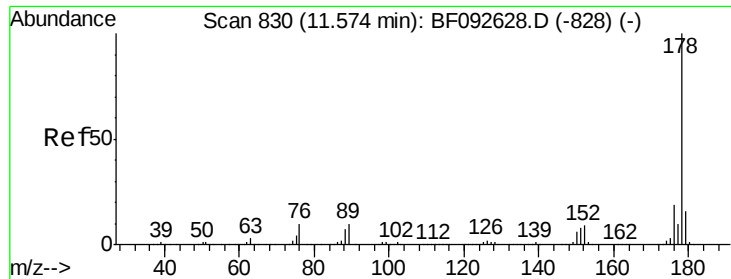
Abundance

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





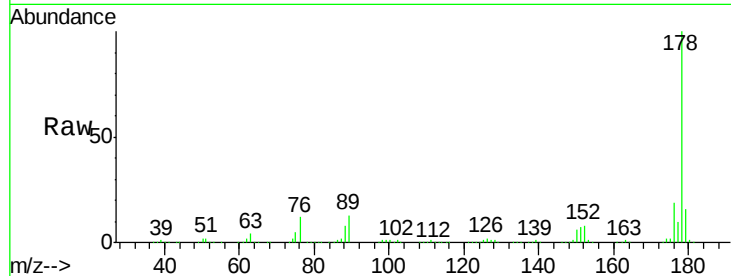
#71
 Anthracene
 Concen: 34.60 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

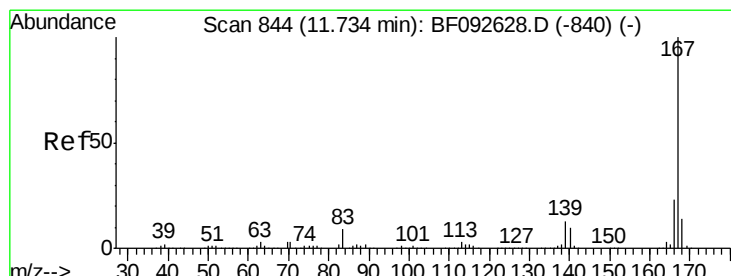
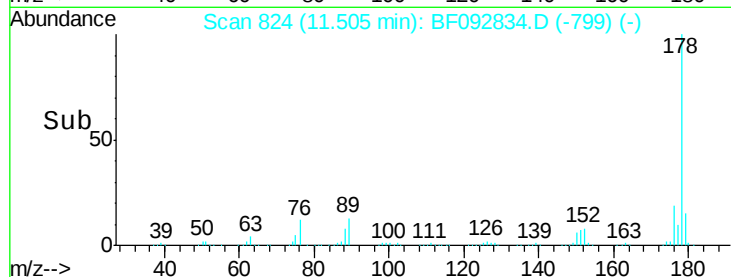
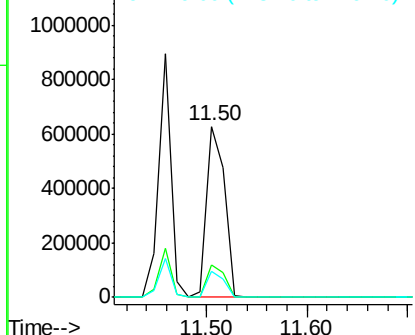
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.6	13.2	19.8

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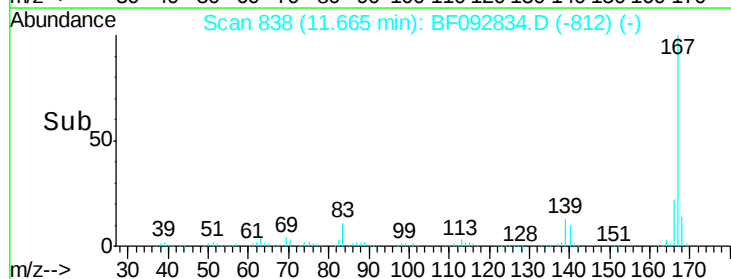
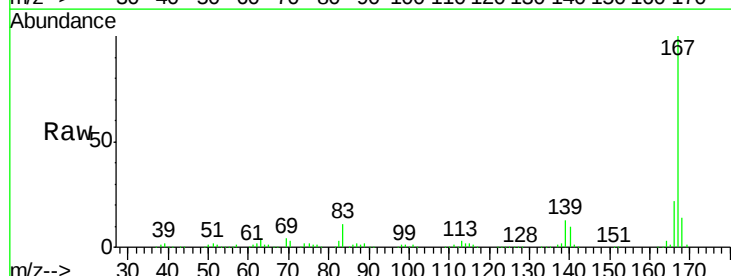
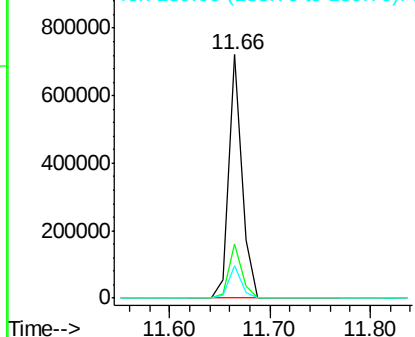
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

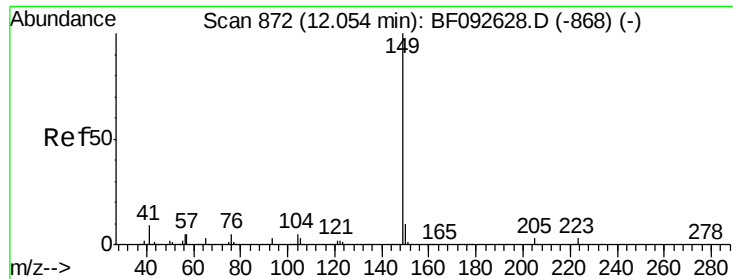


#72
 Carbazole
 Concen: 30.57 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.1	11.4	17.2

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





#73

Di-n-butylphthalate

Concen: 43.31 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

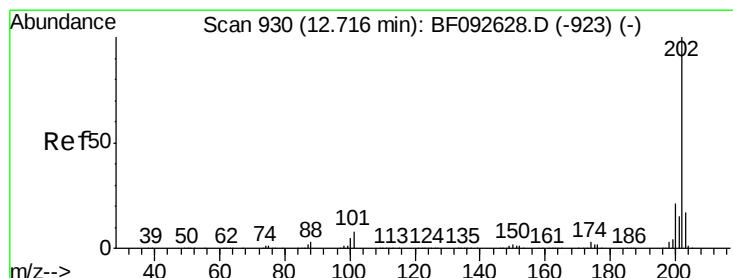
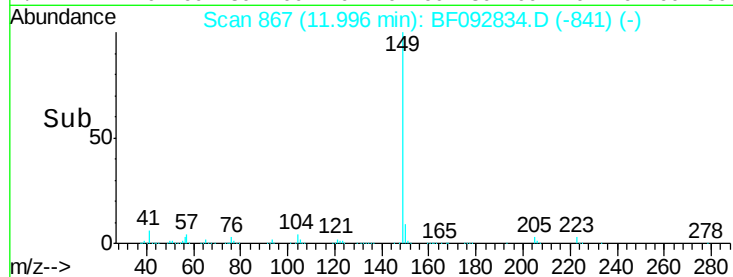
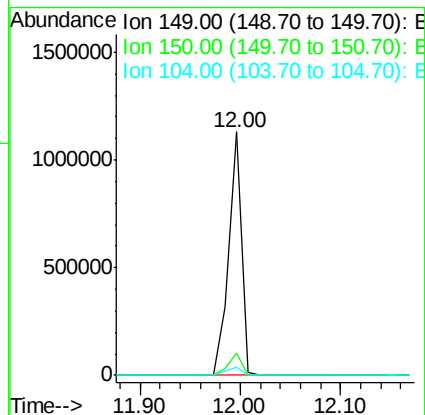
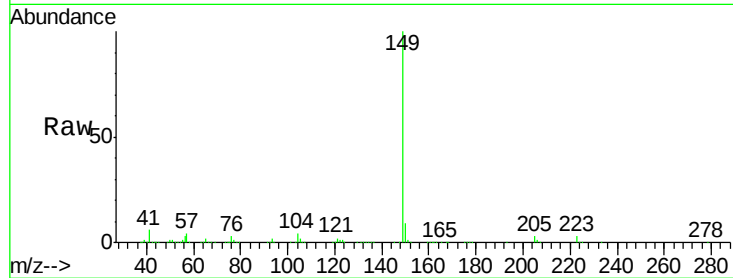
ClientSampleId :

PB96777BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	3.6	4.6	7.0

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#74

Fluoranthene

Concen: 30.73 ng

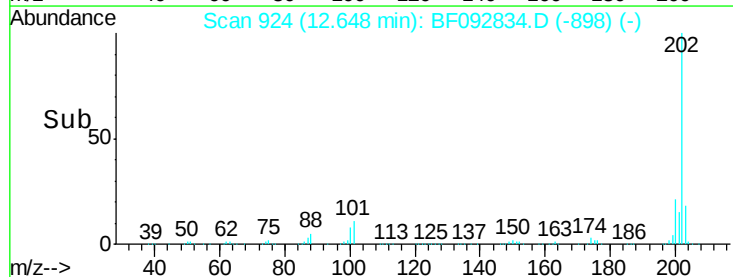
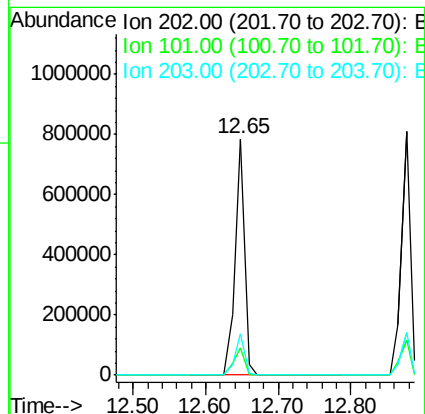
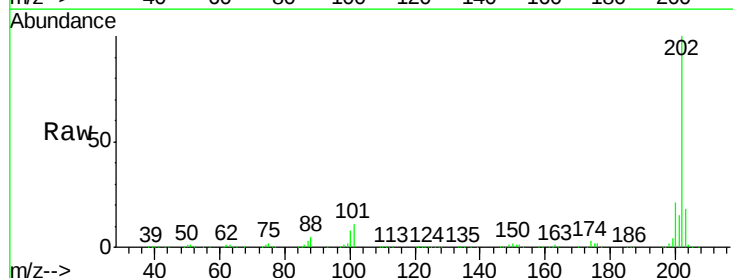
RT: 12.65 min Scan# 924

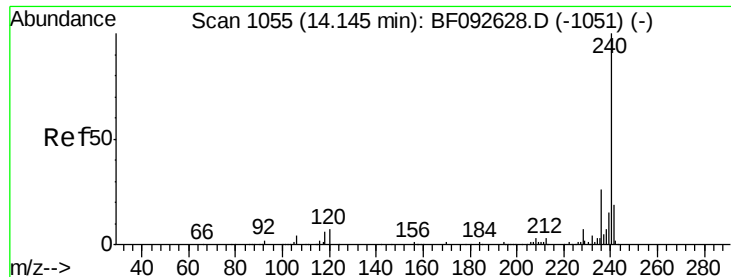
Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.6
203	17.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

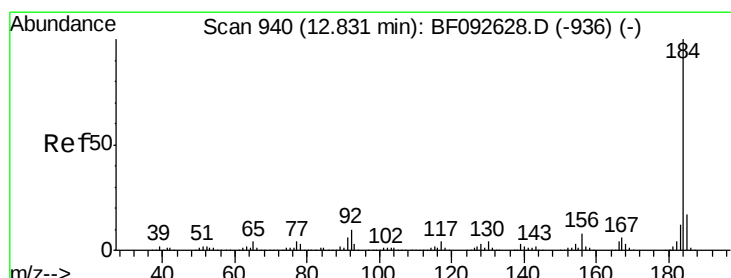
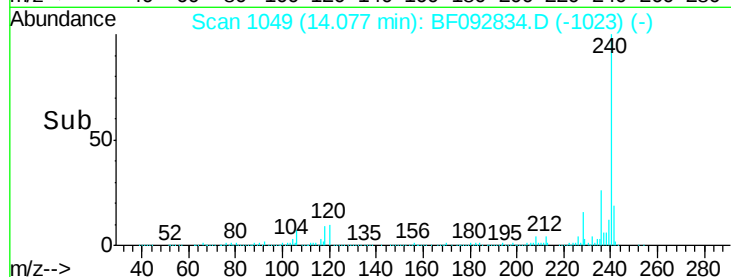
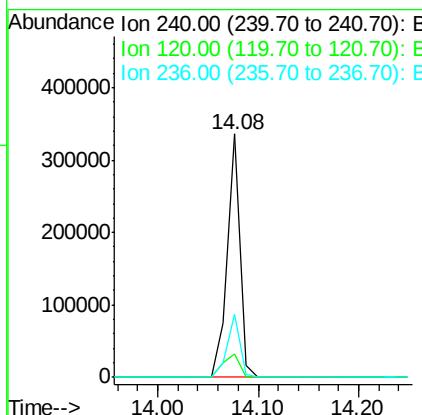
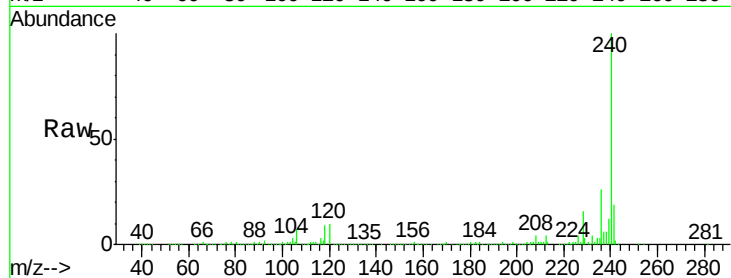
ClientSampleId :

PB96777BS

Tot Ion:	240	Resp:	295908
Ion Ratio	Lower	Upper	
240	100		
120	9.7	12.9	19.3#
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 30.90 ng

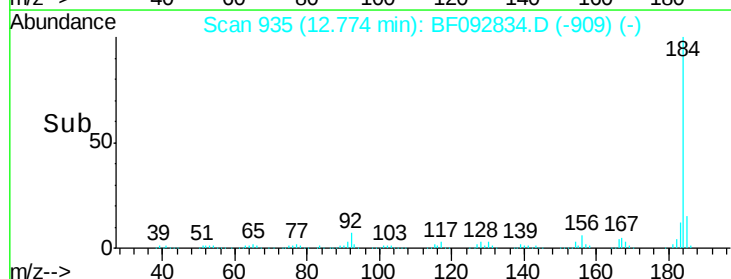
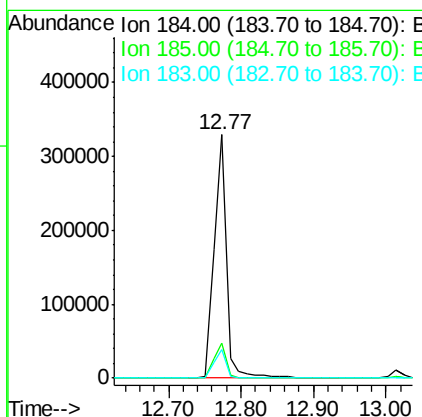
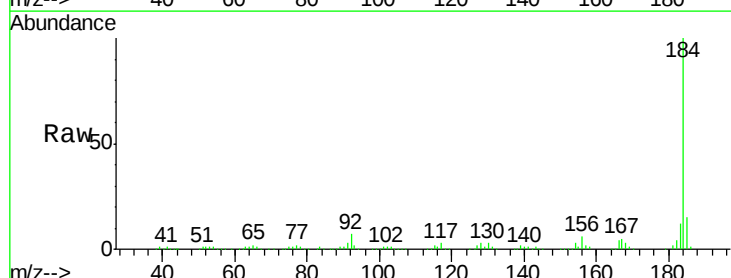
RT: 12.77 min Scan# 935

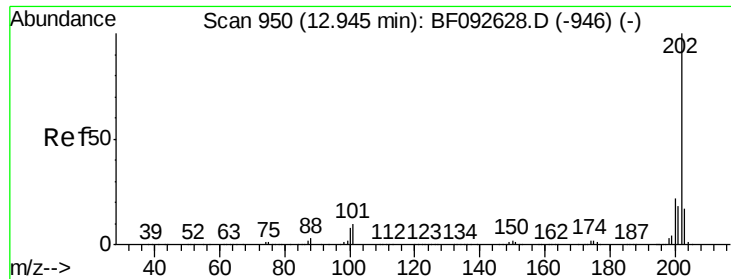
Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Tgt Ion:	184	Resp:	389680
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.0
183	12.0	9.2	13.8





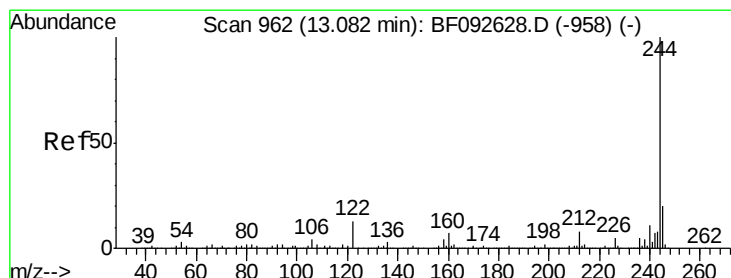
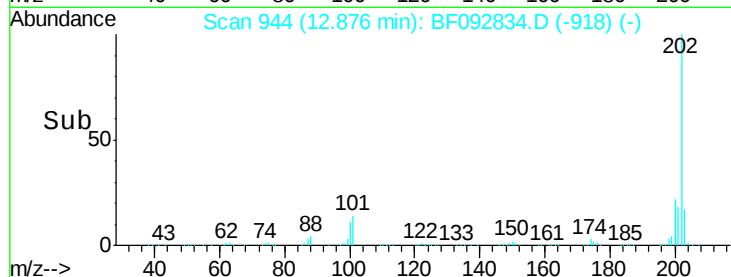
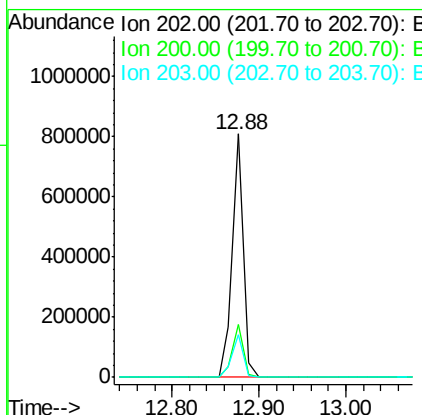
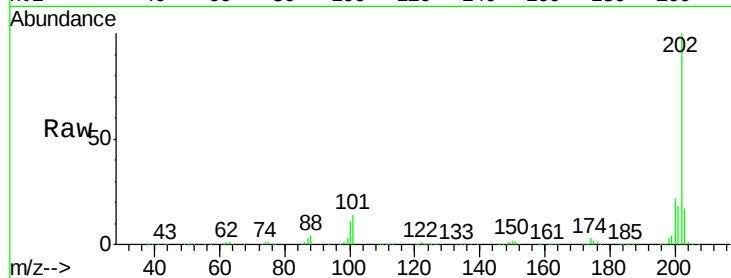
#77
Pvrene
Concen: 32.15 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.4	14.7	22.1

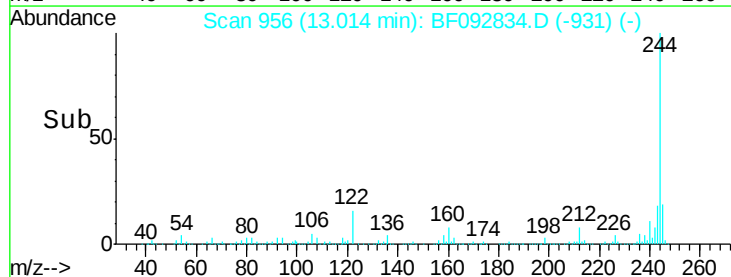
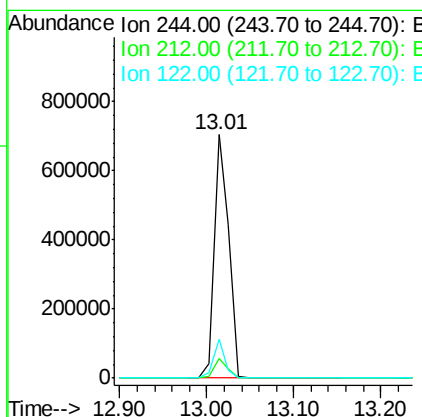
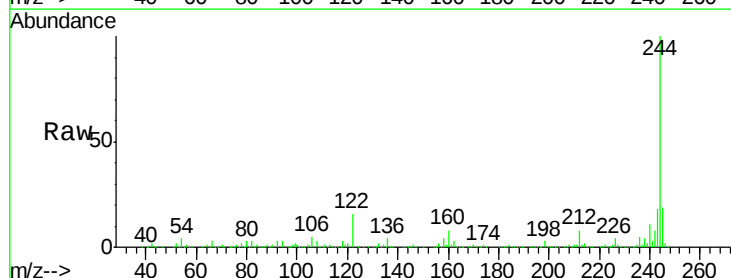
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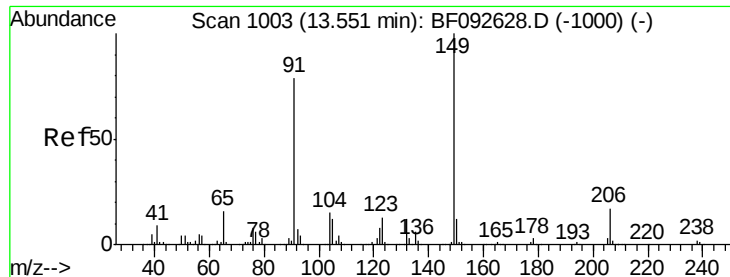
mohammad
2/8/2017 10:43:07 AM



#78
Terphenyl-d14
Concen: 65.37 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	16.0	11.4	17.2





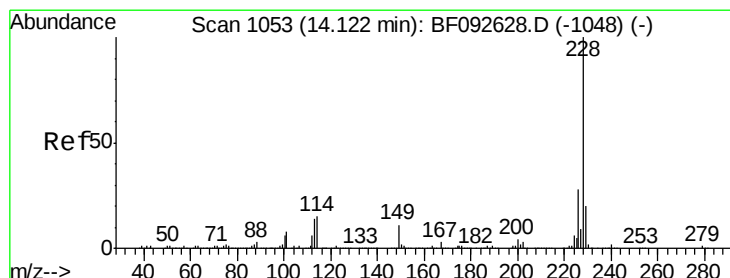
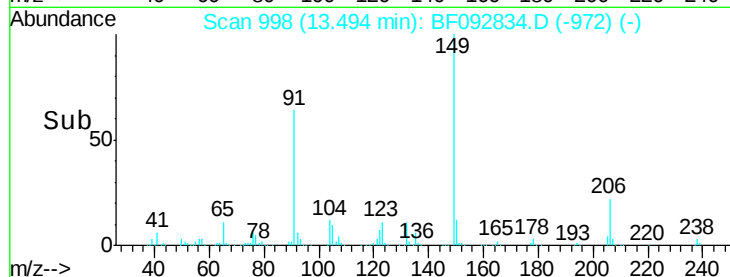
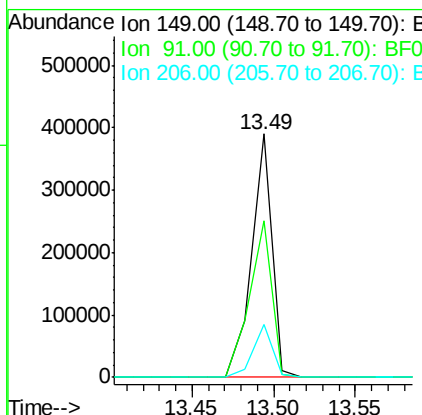
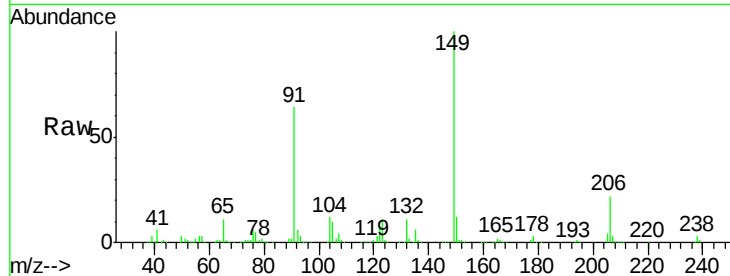
#79
Butylbenzylphthalate
Concen: 37.80 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	339944		
91	64.4	63.9	95.9	
206	21.8	14.6	21.8	

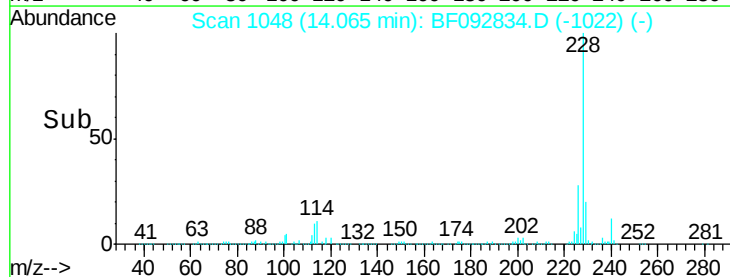
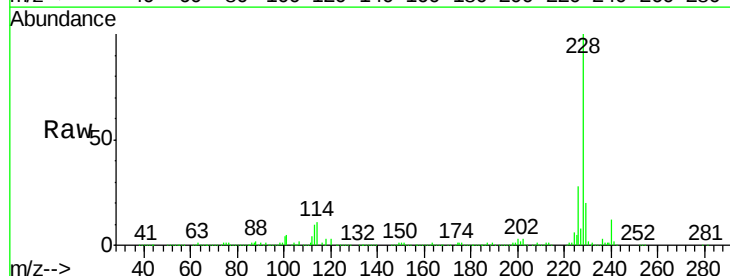
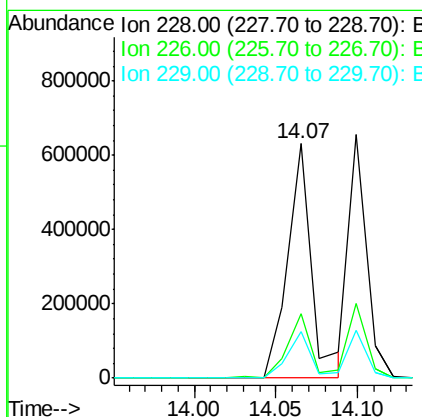
Manual Integrations
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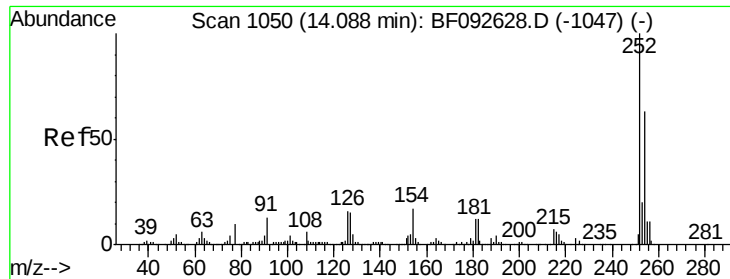
mohammad
2/8/2017 10:43:07 AM



#80
Benzo(a)anthracene
Concen: 35.90 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	649782		
226	27.7	22.4	33.6	
229	19.6	16.2	24.4	





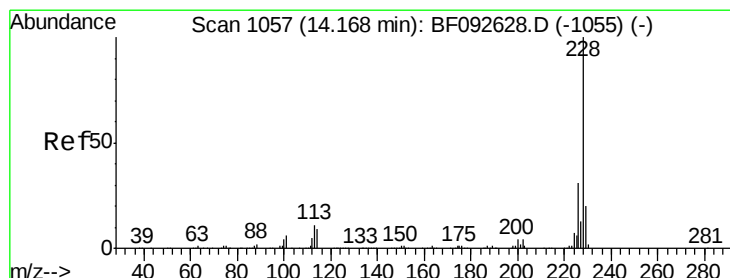
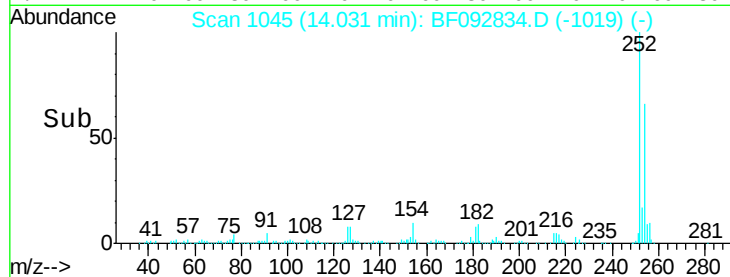
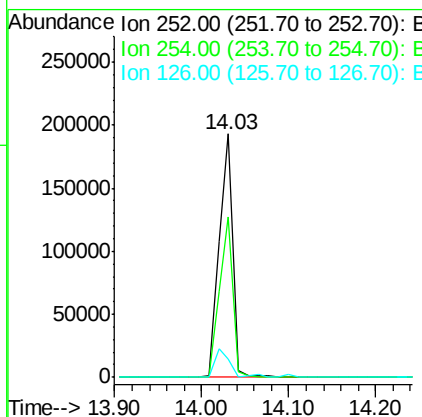
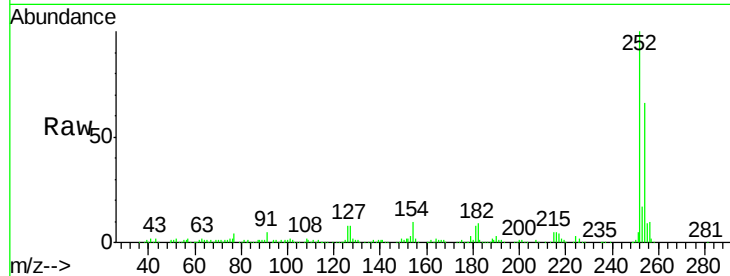
#81
 3,3'-Dichlorobenzidine
 Concen: 33.46 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	215843		
254	65.8	52.3	78.5	
126	7.7	13.6	20.4	

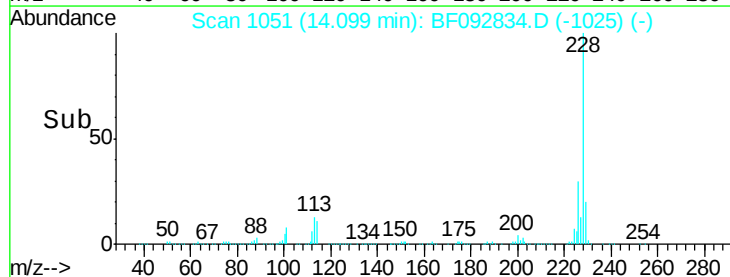
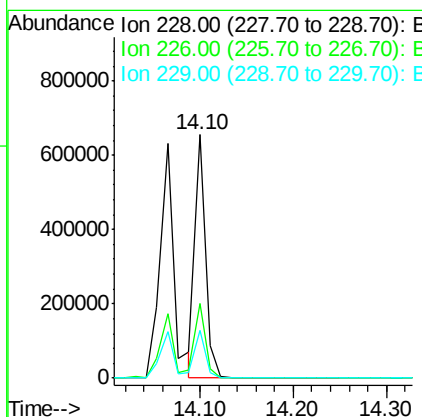
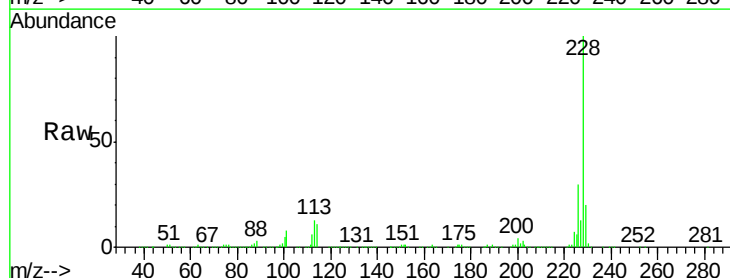
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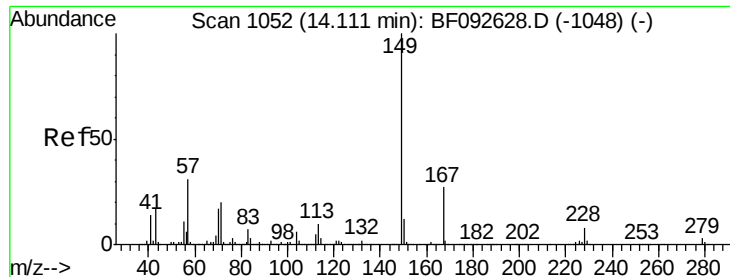
mohammad
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#82
 Chrysene
 Concen: 30.55 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	517739		
226	30.5	25.4	38.0	
229	19.8	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.89 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

Instrument :

BNA_F

ClientSampleId :

PB96777BS

Tot Ion:149 Resp: 478266

Ion Ratio Lower Upper

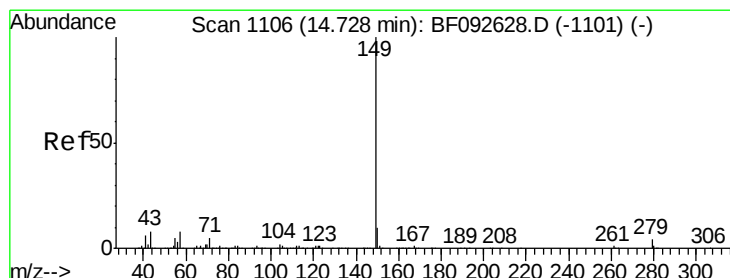
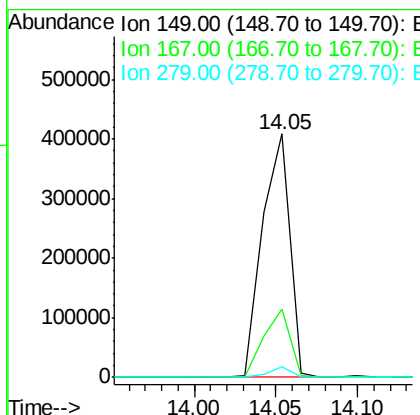
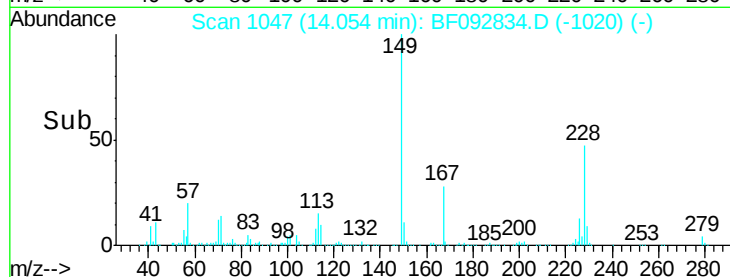
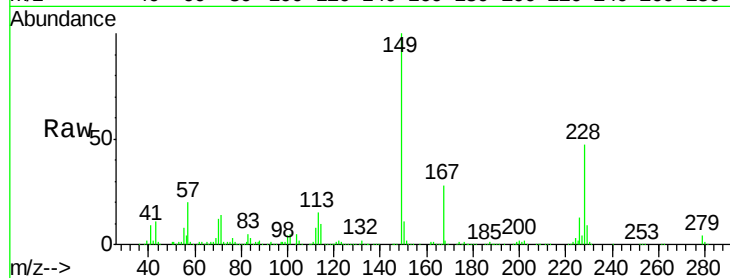
149 100

167 28.2 20.2 30.4

279 4.4 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 40.19 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF092834.D

Acq: 7 Feb 2017 18:01

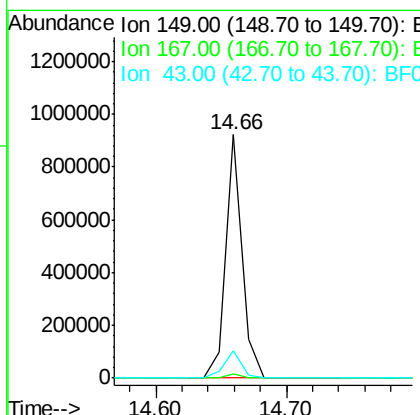
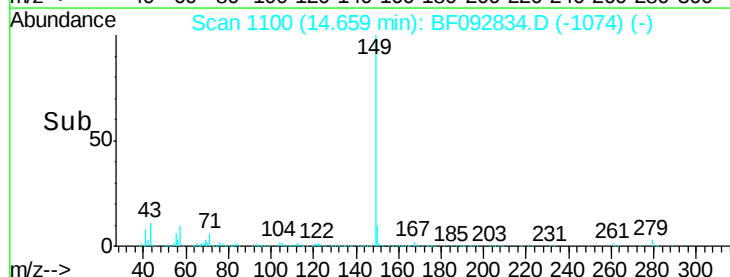
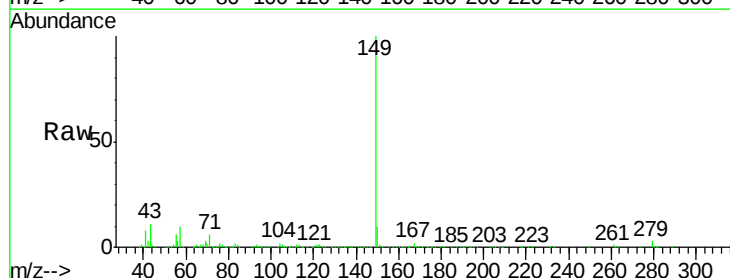
Tgt Ion:149 Resp: 804785

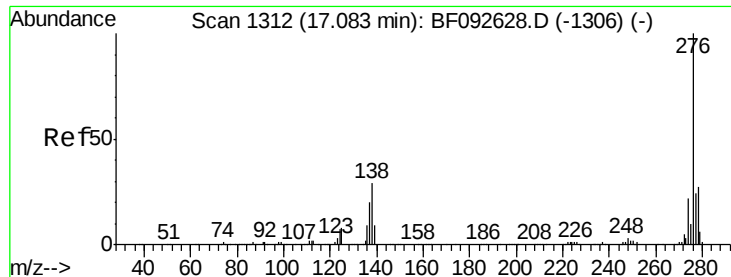
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 8.9 13.3





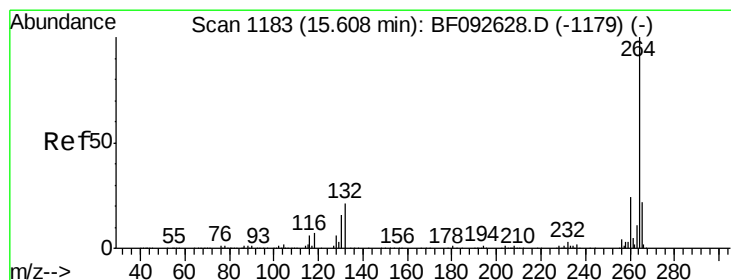
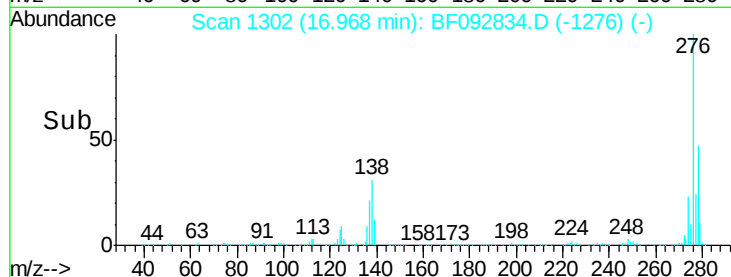
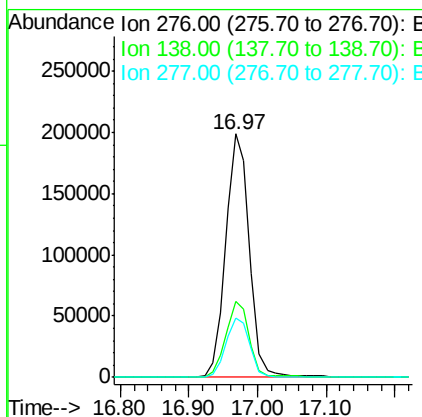
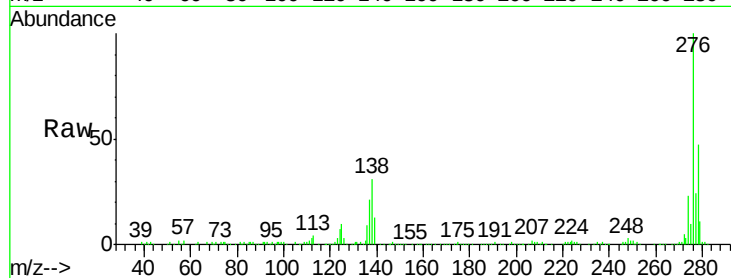
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.68 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	21.8	32.6
277	25.1	20.2	30.4

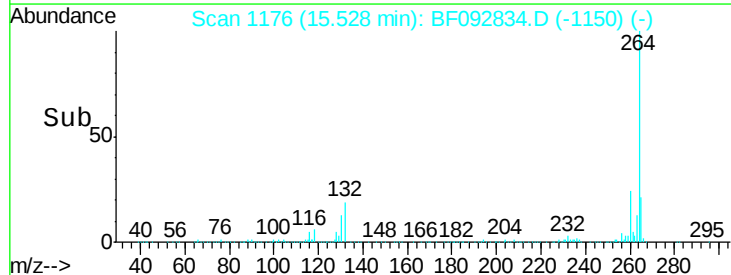
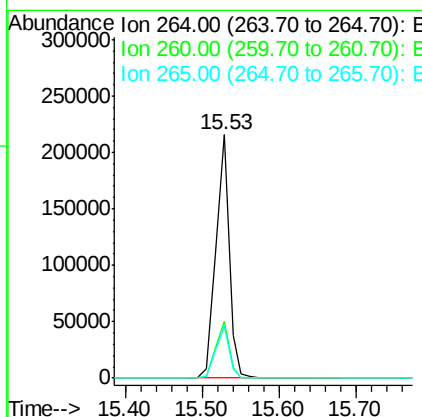
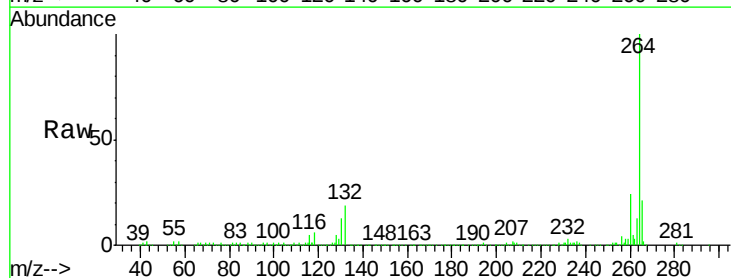
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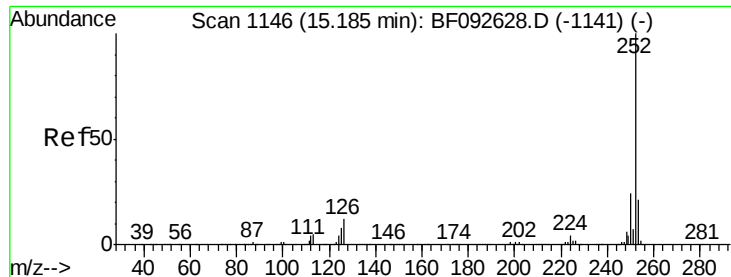
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.4	26.0





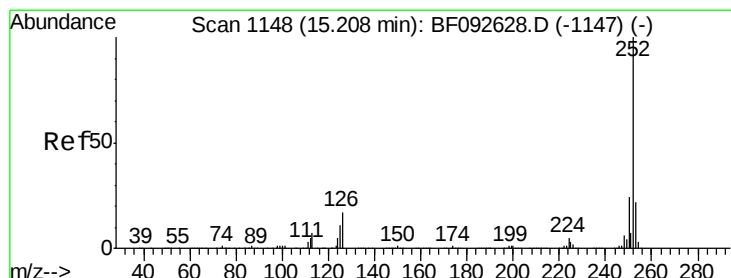
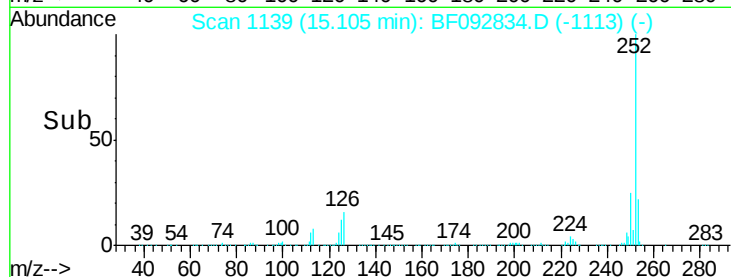
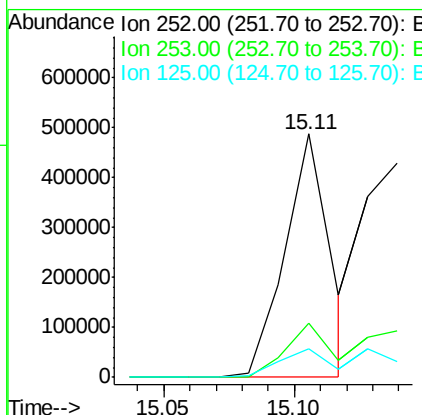
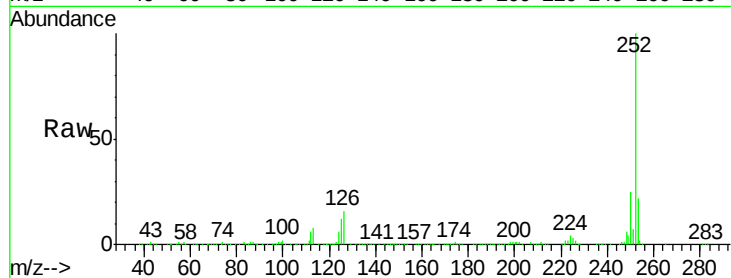
#87
Benzo(b)fluoranthene
Concen: 33.70 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.7	9.8	14.6

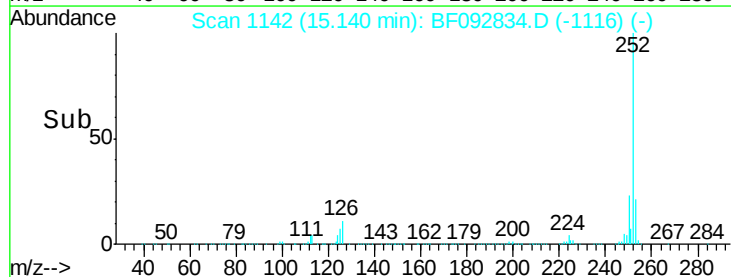
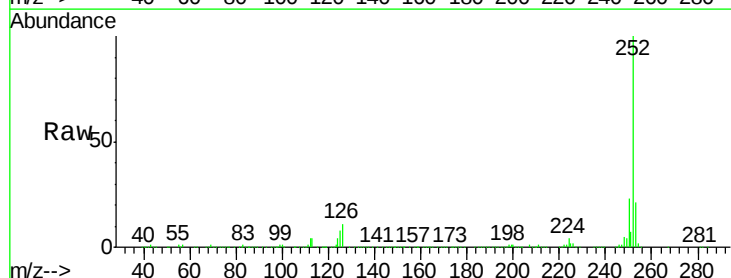
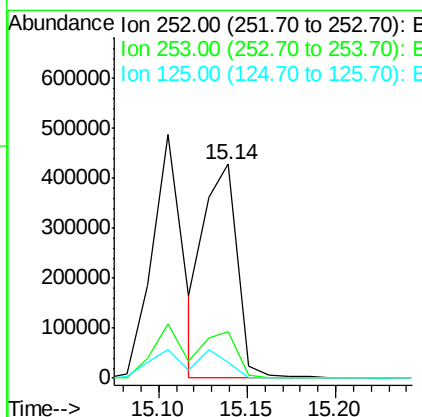
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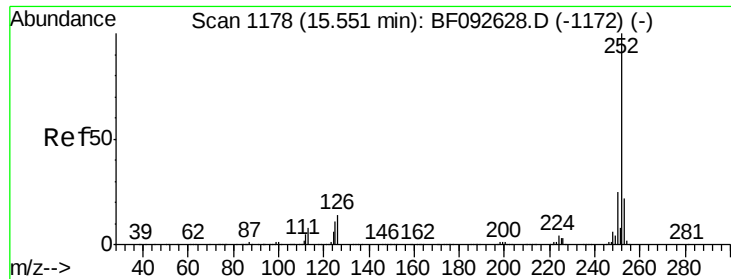
mohammad
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#88
Benzo(k)fluoranthene
Concen: 38.37 ng m
RT: 15.14 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	7.6	8.9	13.3#





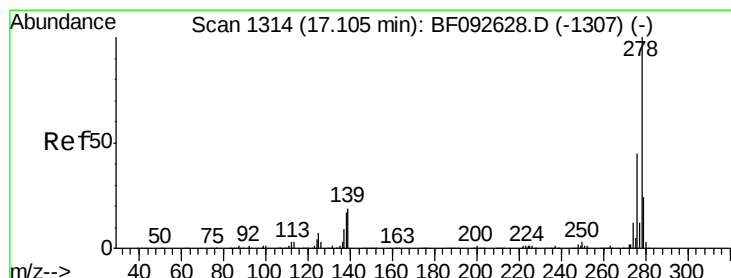
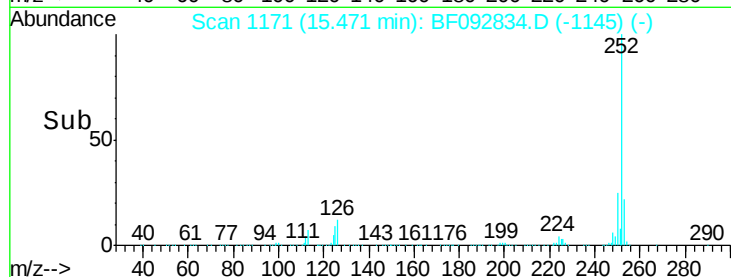
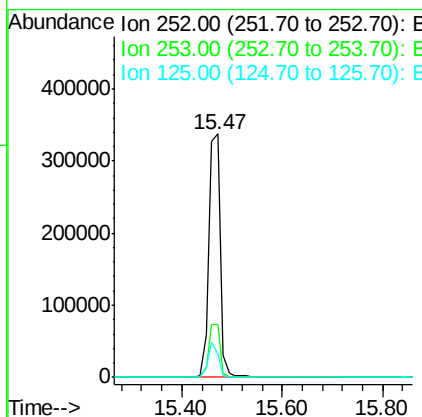
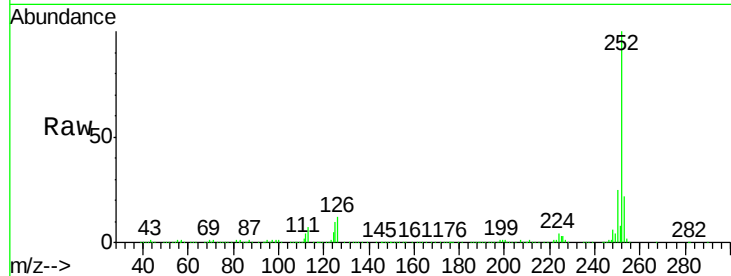
#89
Benzo(a)pyrene
Concen: 35.96 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	9.6	10.0	15.0

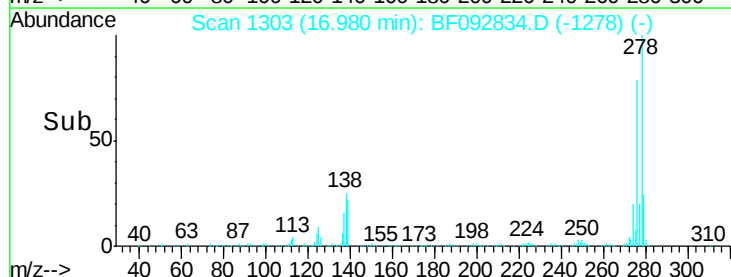
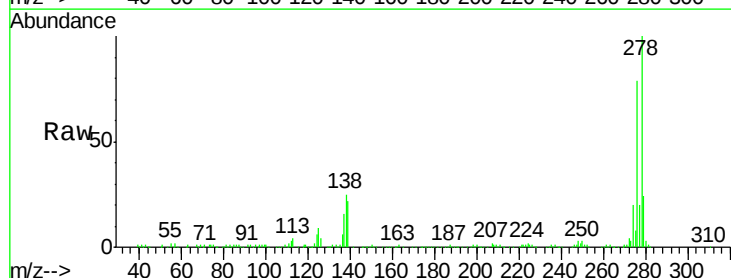
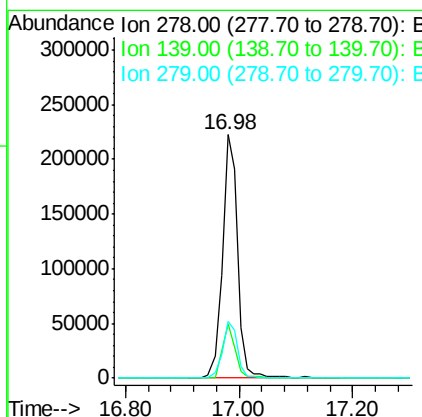
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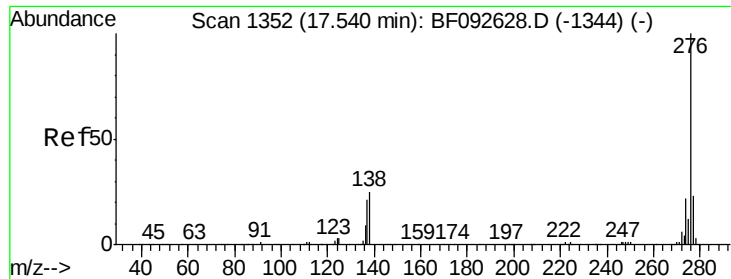
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 34.64 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF092834.D
Acq: 7 Feb 2017 18:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 31.83 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF092834.D
 Acq: 7 Feb 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	28.0	16.0	24.0

Manual Integrations
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