

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092522.D
 Acq On : 26 Jan 2017 13:37
 Operator : SJ/MA
 Sample : I1386-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Manual Integrations
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mohammad
 1/27/2017 3:02:14 PM

Quant Time: Jan 27 00:29:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145846	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	548256	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	263117	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	375947	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	279341	20.00	ng	0.00
86) Perylene-d12	15.65	264	208459	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	1200228	128.04	ng	0.02
7) Phenol-d6	6.60	99	1599092	133.92	ng	0.01
23) Nitrobenzene-d5	7.54	82	1013967	101.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	187432	104.53	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1565911	110.05	ng	0.00
78) Terphenyl-d14	13.11	244	1038388	98.99	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	203702	40.86	ng	# 85
3) Pyridine	3.41	79	552062	38.90	ng	# 84
4) n-Nitrosodimethylamine	3.37	42	305798	43.92	ng	# 84
6) Aniline	6.62	93	361182	20.28	ng	# 53
8) 2-Chlorophenol	6.76	128	432119	43.89	ng	# 85
9) Benzaldehyde	6.51	77	276405	32.62	ng	# 88
10) Phenol	6.61	94	619460	42.98	ng	# 77
11) bis(2-Chloroethyl)ether	6.70	93	468959	43.49	ng	# 89
12) 1,3-Dichlorobenzene	6.91	146	496298m	42.62	ng	# 95
13) 1,4-Dichlorobenzene	6.99	146	534698	45.62	ng	# 95
14) 1,2-Dichlorobenzene	7.15	146	490122m	44.08	ng	# 95
15) Benzyl Alcohol	7.12	79	458191	50.92	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	860154	40.32	ng	# 92
17) 2-Methylphenol	7.23	107	423464	50.33	ng	# 93
18) Hexachloroethane	7.49	117	146691	36.33	ng	# 93
19) n-Nitroso-di-n-propylamine	7.39	70	329395	40.51	ng	# 93
20) 3+4-Methylphenols	7.38	107	434739	42.59	ng	# 93
22) Acetophenone	7.39	105	682842	52.29	ng	# 93
24) Nitrobenzene	7.56	77	557288	53.00	ng	# 93
25) Isophorone	7.80	82	933886	47.22	ng	# 98
26) 2-Nitrophenol	7.88	139	184316	41.83	ng	# 79
27) 2,4-Dimethylphenol	7.92	122	437562	47.75	ng	# 96
28) bis(2-Chloroethoxy)methane	8.01	93	572174	44.07	ng	# 98
29) 2,4-Dichlorophenol	8.12	162	371364	46.74	ng	# 94
30) 1,2,4-Trichlorobenzene	8.20	180	385491	44.89	ng	# 95
31) Naphthalene	8.29	128	1259699	44.89	ng	# 99
33) 4-Chloroaniline	8.34	127	238608	20.10	ng	# 93
34) Hexachlorobutadiene	8.41	225	220842	47.02	ng	# 99
35) Caprolactam	8.69	113	100696	37.96	ng	# 37
36) 4-Chloro-3-methylphenol	8.82	107	366035	42.73	ng	# 98
37) 2-Methylnaphthalene	8.98	142	770650	43.38	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	371719	56.01	ng	# 99
40) Hexachlorocyclopentadiene	9.14	237	47358	14.25	ng	# 97
42) 2,4,6-Trichlorophenol	9.26	196	185875m	36.55	ng	# 97

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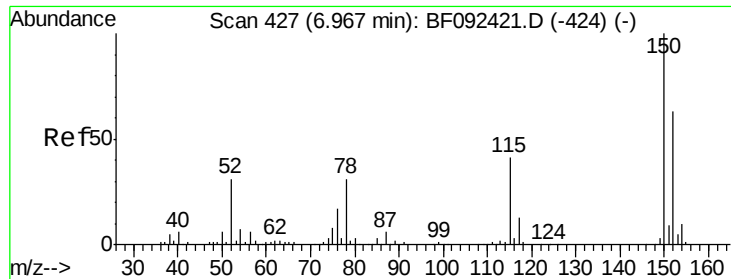
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	194899m	41.89	nq	
45) 1,1'-Biphenyl	9.45	154	905467	47.61	nq	96
46) 2-Chloronaphthalene	9.48	162	709238	45.65	nq	94
47) 2-Nitroaniline	9.57	65	258709	49.45	nq	# 74
48) Acenaphthylene	9.89	152	1107164	48.59	nq	98
49) Dimethylphthalate	9.76	163	978853	58.50	nq	99
50) 2,6-Dinitrotoluene	9.81	165	173115	50.62	nq	96
51) Acenaphthene	10.06	154	624220	44.09	nq	97
52) 3-Nitroaniline	9.98	138	212154	49.53	nq	# 78
54) Dibenzofuran	10.24	168	934971	48.63	nq	95
55) 4-Nitrophenol	10.13	139	110225	32.40	nq	# 79
56) 2,4-Dinitrotoluene	10.21	165	212935	46.91	nq	85
57) Fluorene	10.58	166	664335	46.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	85011	24.39	nq	# 97
59) Diethylphthalate	10.45	149	810730	50.53	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	311435	45.05	nq	96
61) 4-Nitroaniline	10.59	138	171762	40.09	nq	93
62) Azobenzene	10.73	77	811287	44.44	nq	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	1886m	5.79	nq	
65) n-Nitrosodiphenylamine	10.69	169	649520	55.32	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	182037	47.96	nq	92
67) Hexachlorobenzene	11.13	284	172572	44.98	nq	# 89
68) Atrazine	11.22	200	203800	50.71	nq	97
69) Pentachlorophenol	11.32	266	57320	23.37	nq	96
70) Phenanthrene	11.54	178	1254993	60.62	nq	98
71) Anthracene	11.60	178	1145087	56.60	nq	98
72) Carbazole	11.74	167	892161	46.18	nq	98
73) Di-n-butylphthalate	12.08	149	1105196	50.03	nq	98
74) Fluoranthene	12.74	202	1943221	95.96	nq	97
76) Benzidine	12.85	184	303844	29.30	nq	97
77) Pyrene	12.97	202	1762861	87.10	nq	100
79) Butylbenzylphthalate	13.59	149	487863	59.50	nq	# 83
80) Benzo(a)anthracene	14.16	228	1043855	69.53	nq	100
81) 3,3'-Dichlorobenzidine	14.12	252	198340	34.80	nq	# 94
82) Chrysene	14.19	228	973635m	60.73	nq	
83) Bis(2-ethylhexyl)phthalate	14.15	149	590133	57.15	nq	# 98
84) Di-n-octyl phthalate	14.76	149	999429	53.31	nq	97
85) Indeno(1,2,3-cd)pyrene	17.16	276	709715	59.83	nq	95
87) Benzo(b)fluoranthene	15.22	252	963158m	71.97	nq	
88) Benzo(k)fluoranthene	15.25	252	748459m	67.26	nq	
89) Benzo(a)pyrene	15.60	252	776665	68.60	nq	99
90) Dibenzo(a,h)anthracene	17.17	278	525026	57.35	nq	# 95
91) Benzo(g,h,i)perylene	17.62	276	606069	65.46	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

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Instrument :

BNA_F

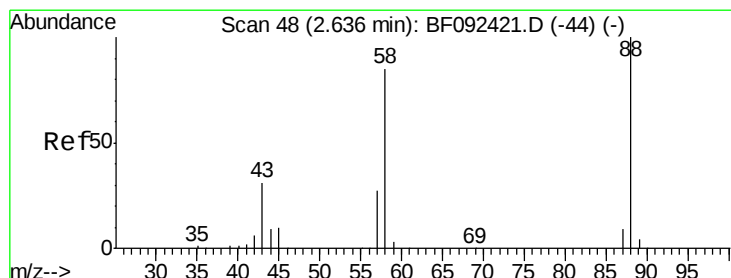
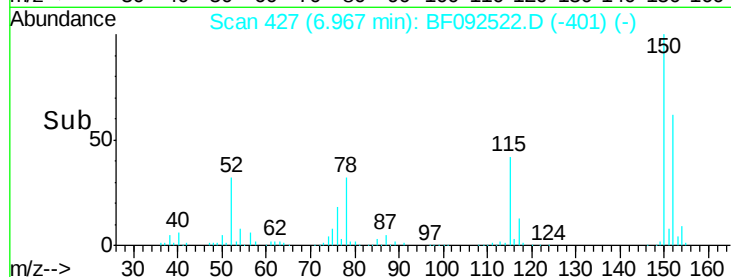
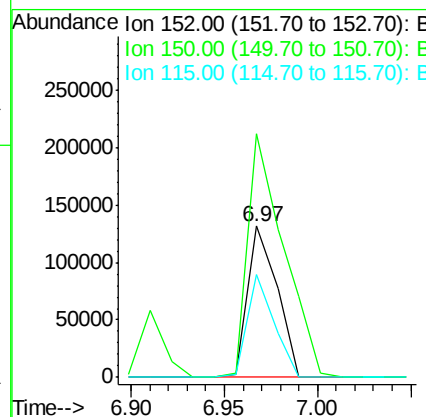
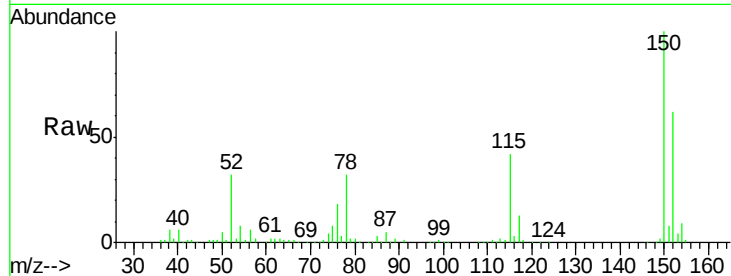
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	152	Resp:	145846
Ion Ratio	Lower	Upper	
152	100		
150	160.9	124.9	187.3
115	67.9	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.86 ng

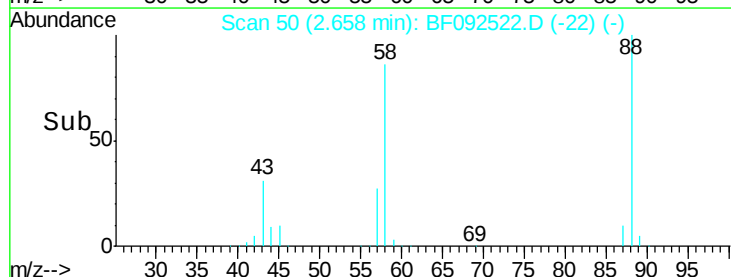
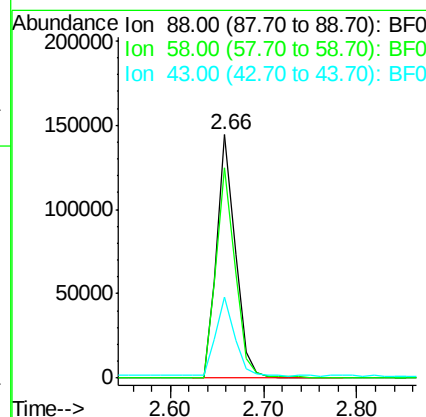
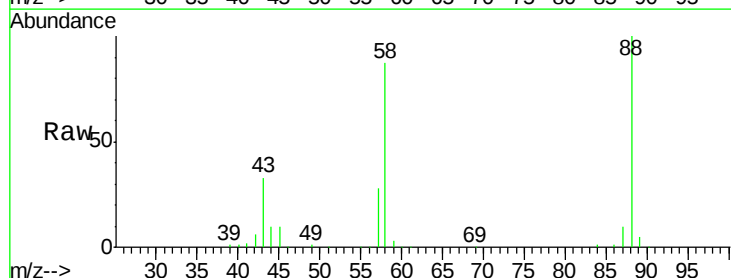
RT: 2.66 min Scan# 50

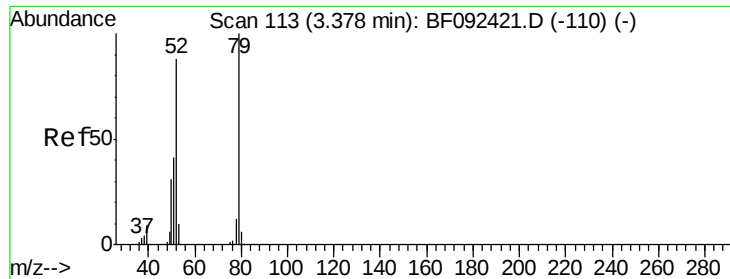
Delta R.T. 0.02 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	88	Resp:	203702
Ion Ratio	Lower	Upper	
88	100		
58	87.1	57.8	86.8#
43	32.4	22.3	33.5





#3

Pvridine

Concen: 38.90 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

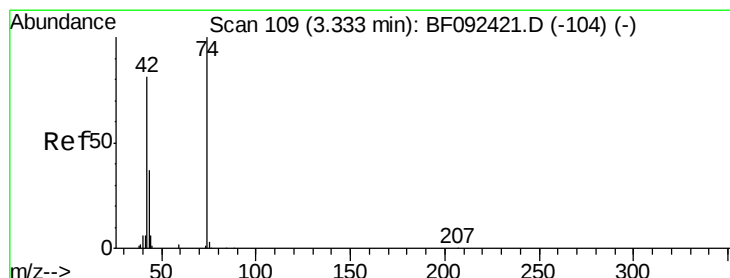
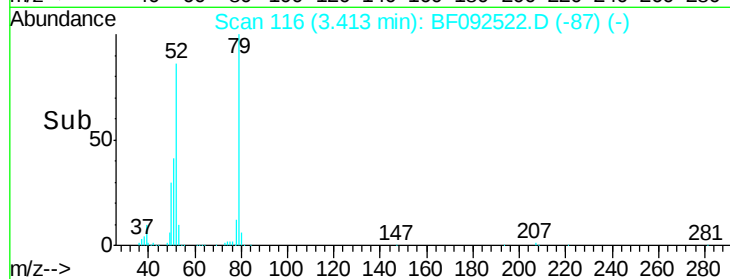
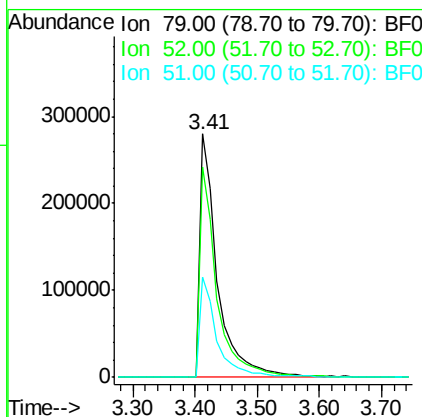
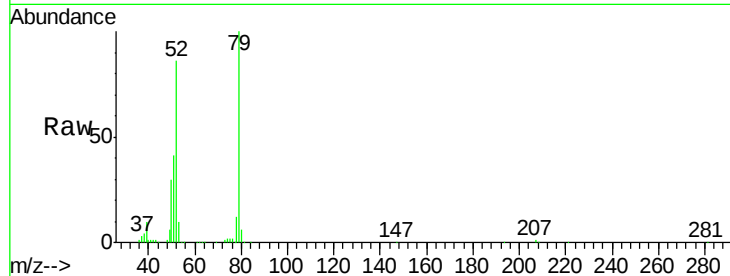
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	79	Resp:	552062
Ion Ratio	Lower	Upper	
79	100		
52	86.4	57.1	85.7#
51	41.4	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 43.92 ng

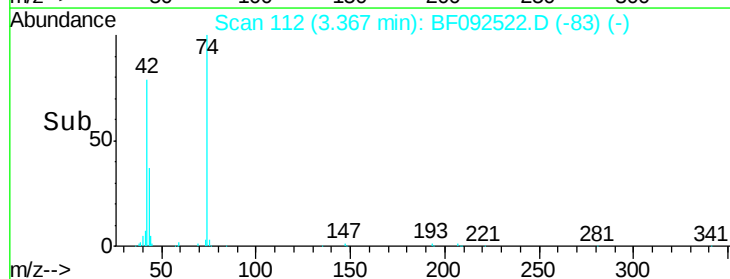
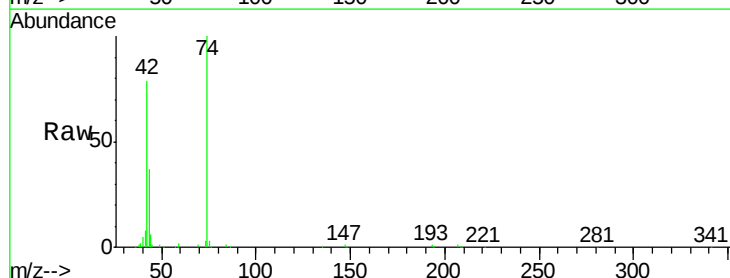
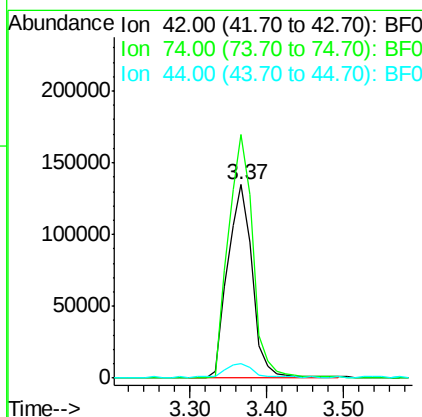
RT: 3.37 min Scan# 112

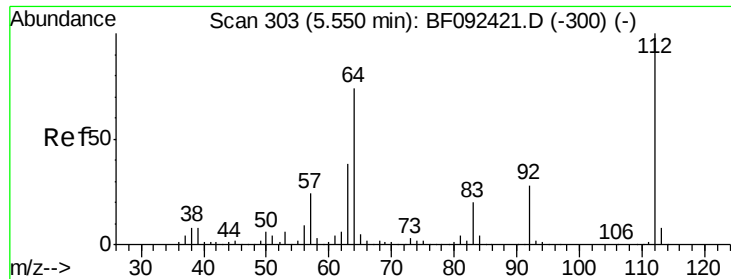
Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	42	Resp:	305798
Ion Ratio	Lower	Upper	
42	100		
74	125.9	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 128.04 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion: 112 Resp: 1200228

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

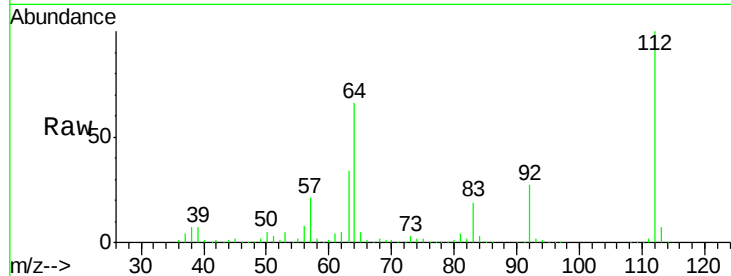
63 33.9 23.8 35.6

Manual Integrations

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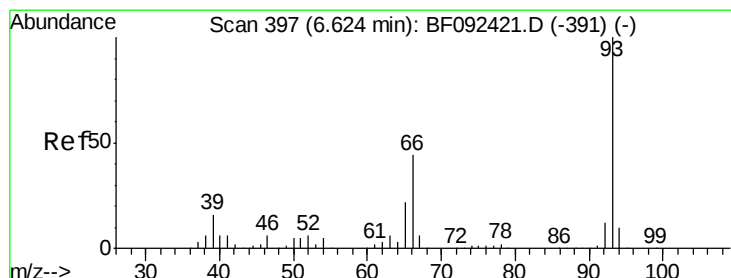
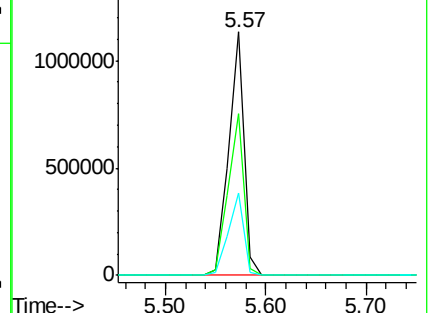
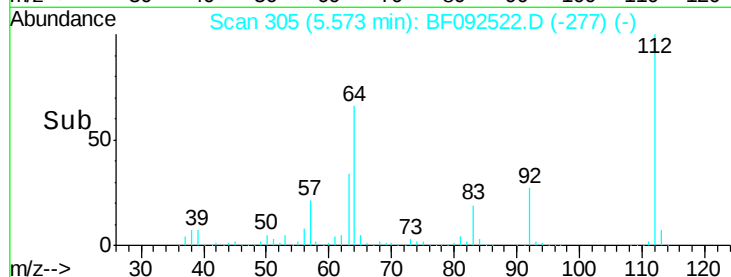
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.28 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

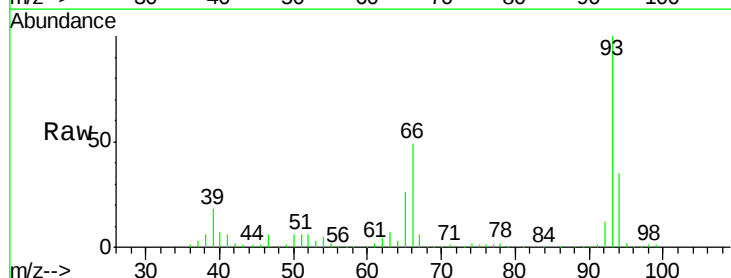
Tgt Ion: 93 Resp: 361182

Ion Ratio Lower Upper

93 100

66 49.3 76.2 114.2#

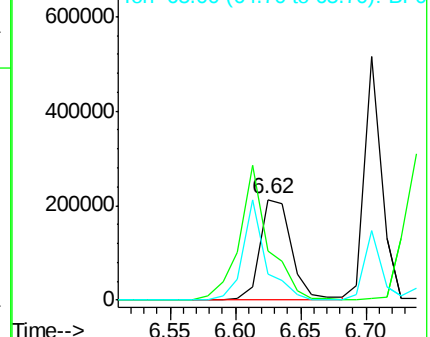
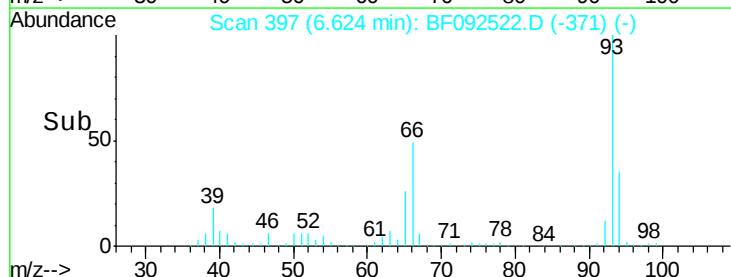
65 25.6 49.3 73.9#

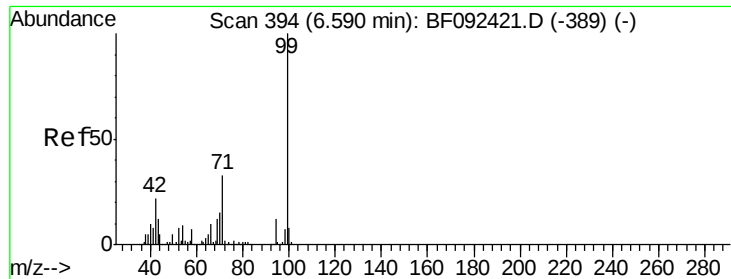


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.92 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion: 99 Resp: 1599092

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

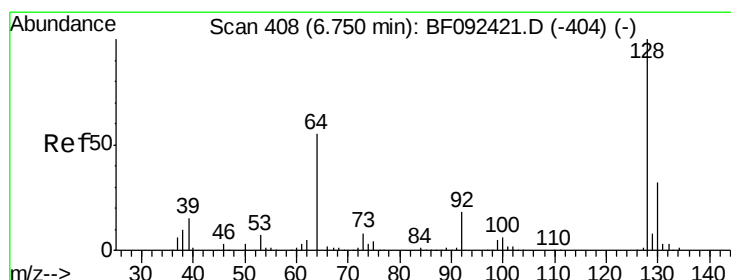
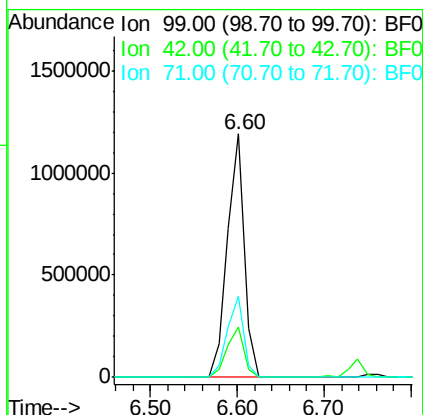
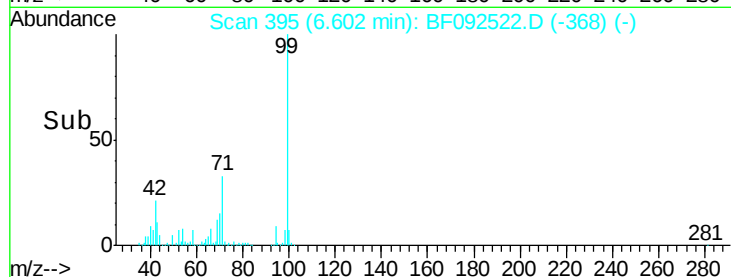
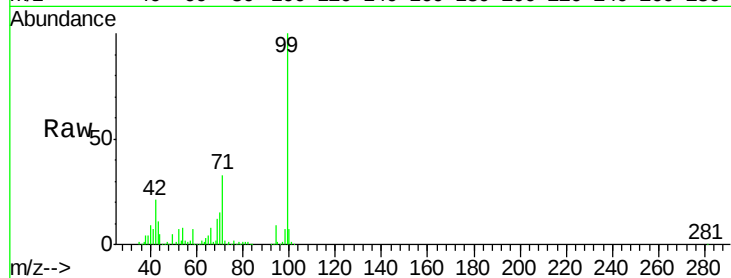
71 33.4 27.5 41.3

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#8

2-Chlorophenol

Concen: 43.89 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

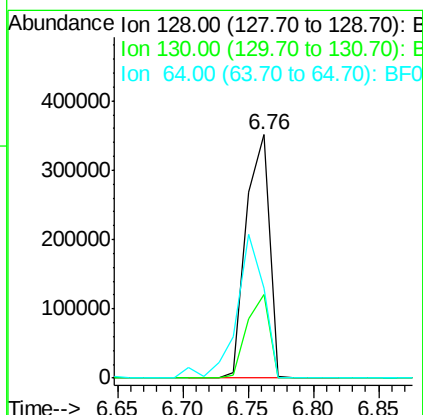
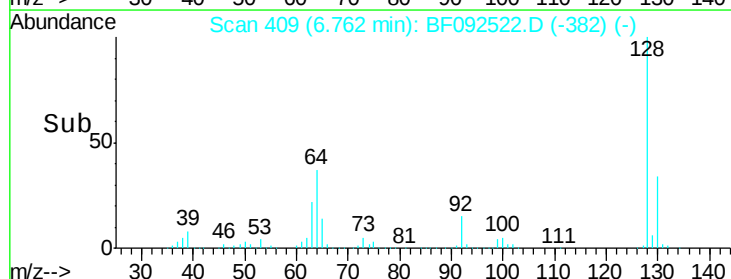
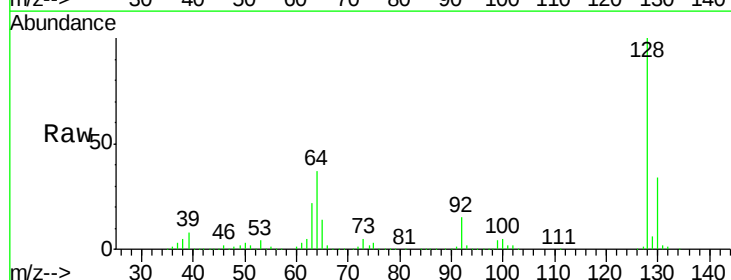
Tgt Ion: 128 Resp: 432119

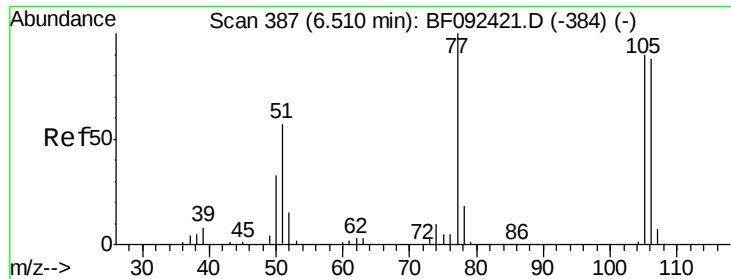
Ion Ratio Lower Upper

128 100

130 34.1 12.3 52.3

64 37.1 32.2 72.2





#9

Benzaldehyde

Concen: 32.62 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

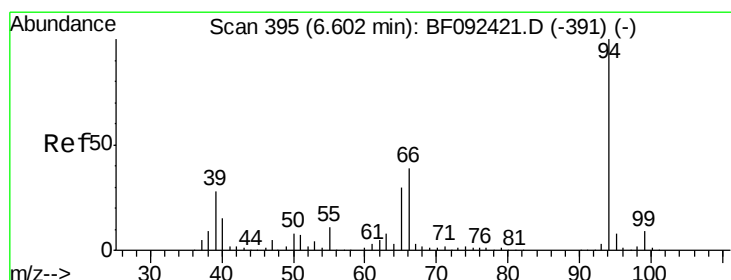
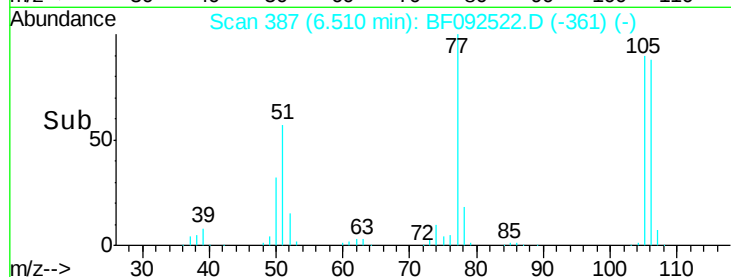
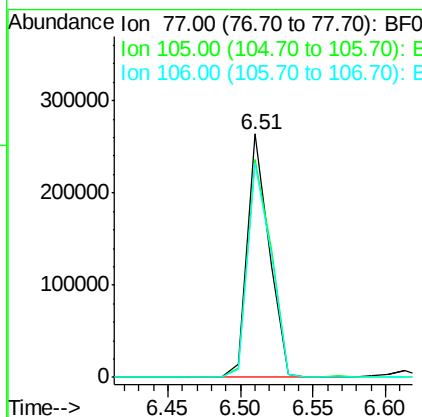
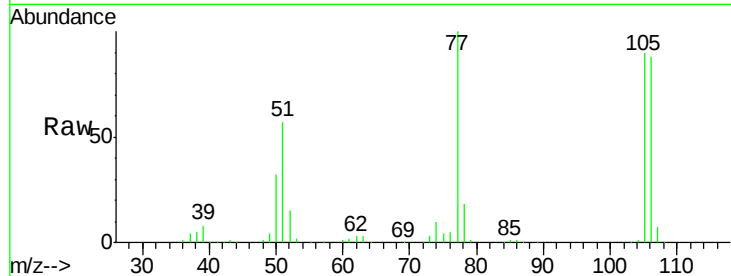
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	77	Resp:	276405
Ion	Ratio	Lower	Upper
77	100		
105	89.8	83.9	123.9
106	87.7	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 42.98 ng

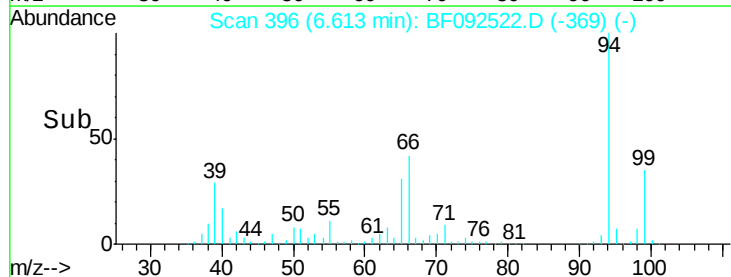
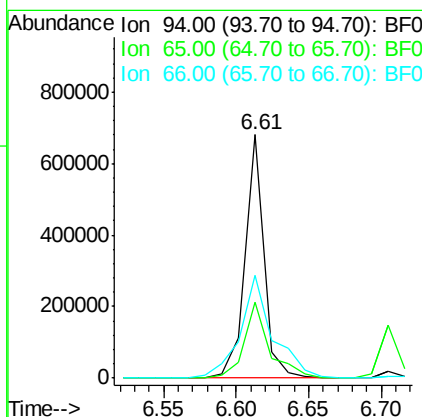
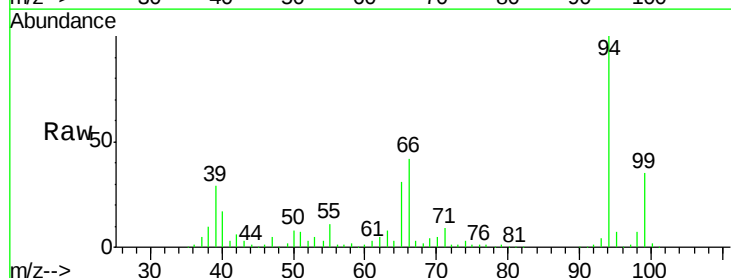
RT: 6.61 min Scan# 396

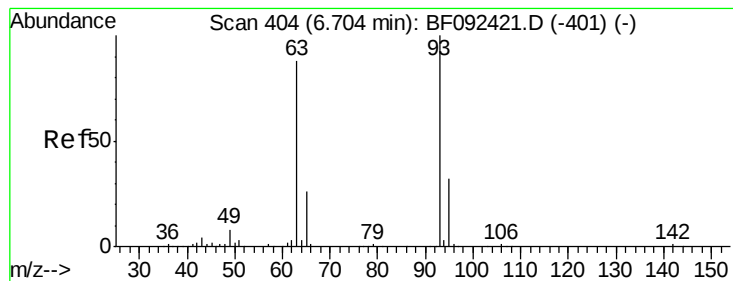
Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	94	Resp:	619460
Ion	Ratio	Lower	Upper
94	100		
65	31.1	21.4	61.4
66	42.1	44.0	84.0#





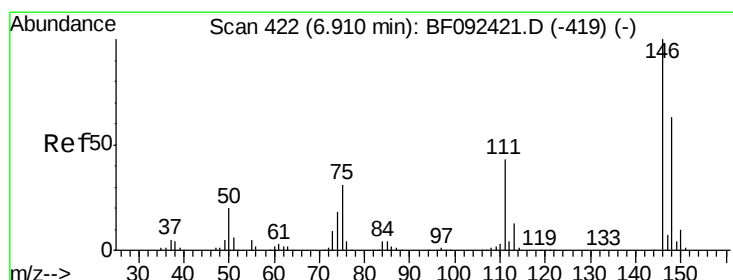
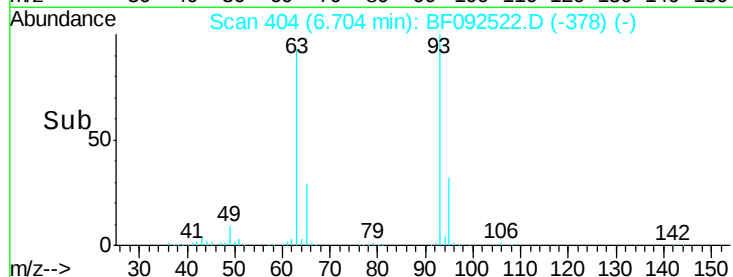
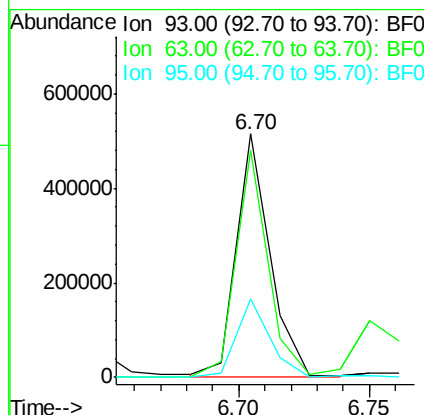
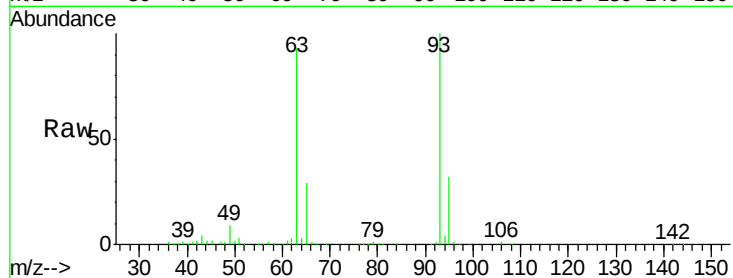
#11
bis(2-Chloroethyl)ether
Concen: 43.49 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	60.4	100.4
95	32.5	12.8	52.8

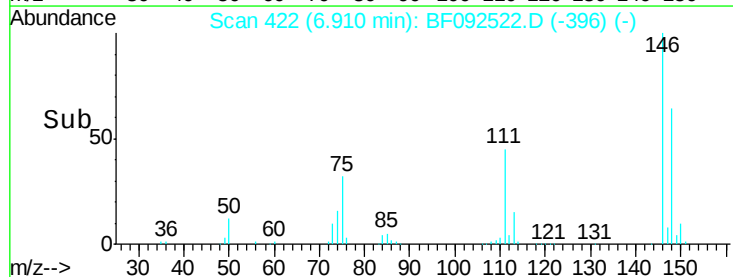
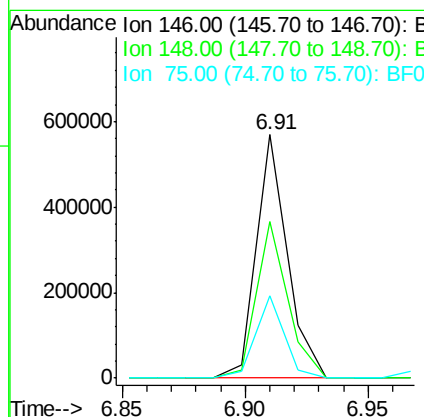
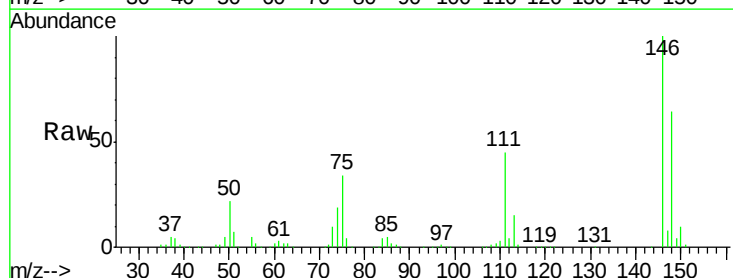
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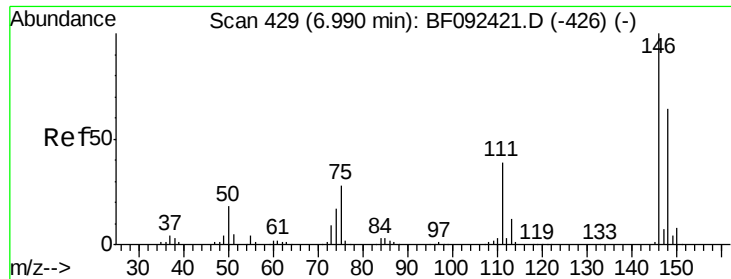
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.62 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	33.6	18.5	27.7





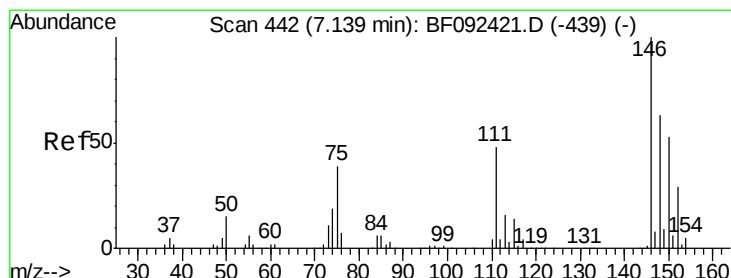
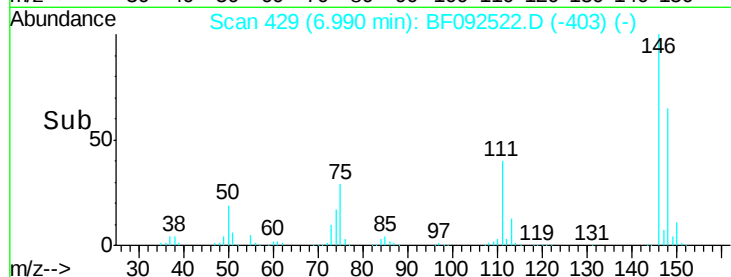
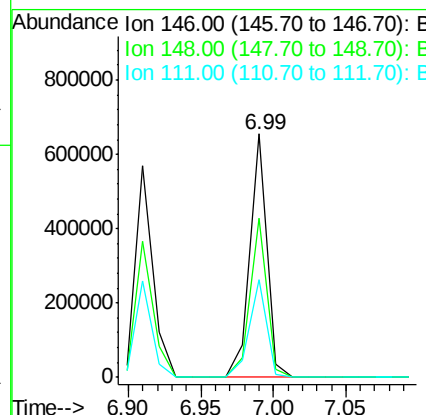
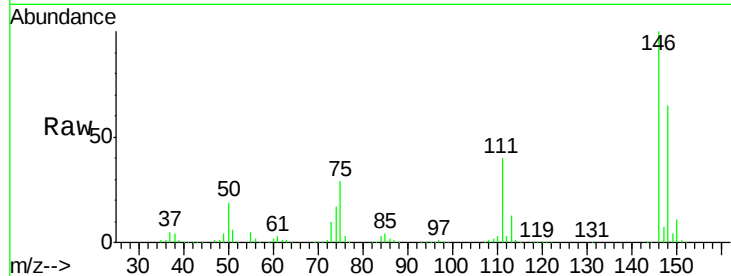
#13
 1,4-Dichlorobenzene
 Concen: 45.62 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	40.1	36.2	54.4

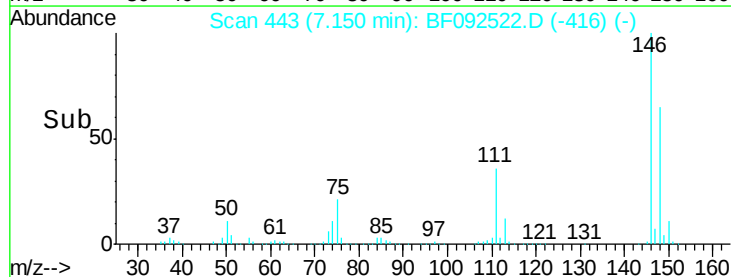
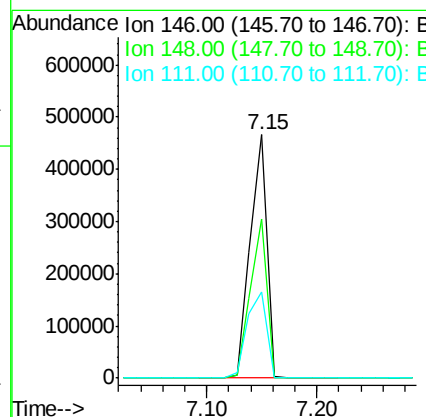
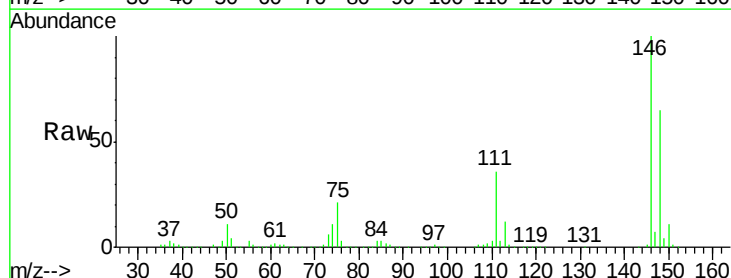
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#14
 1,2-Dichlorobenzene
 Concen: 44.08 ng m
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	35.5	36.2	54.2#





#15

Benzyl Alcohol

Concen: 50.92 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

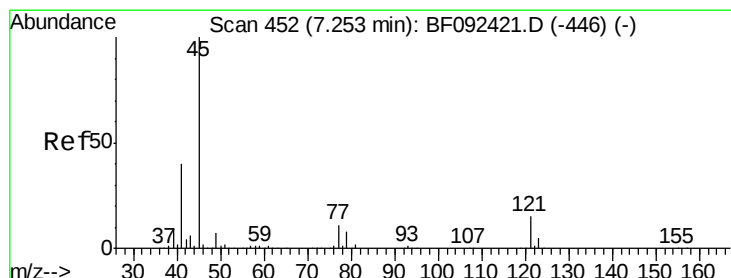
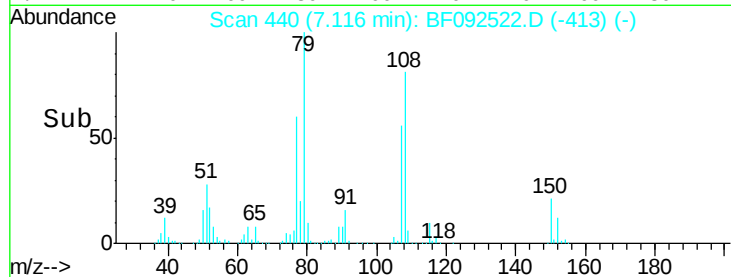
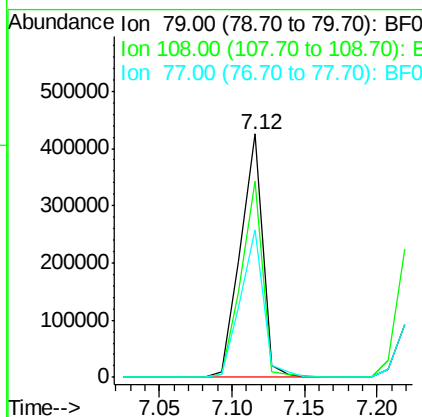
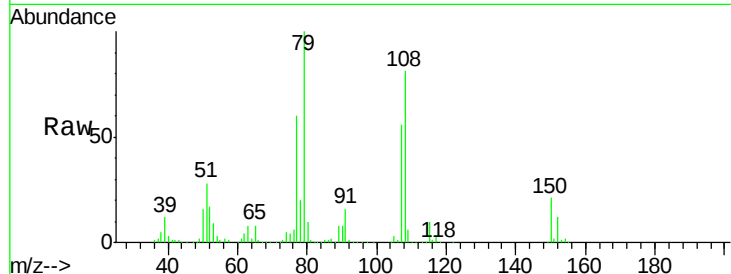
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	79	Resp:	458191
Ion Ratio	Lower	Upper	
79	100		
108	80.8	61.4	92.0
77	60.4	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.32 ng

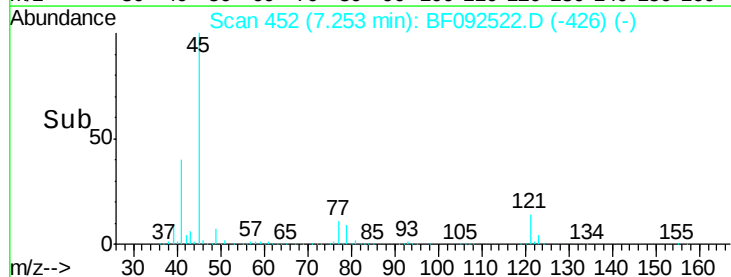
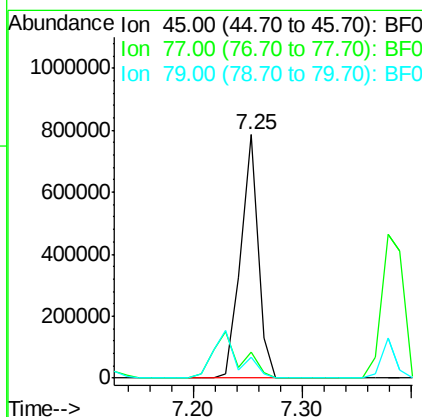
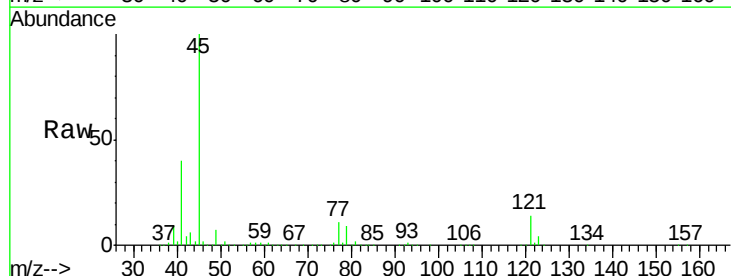
RT: 7.25 min Scan# 452

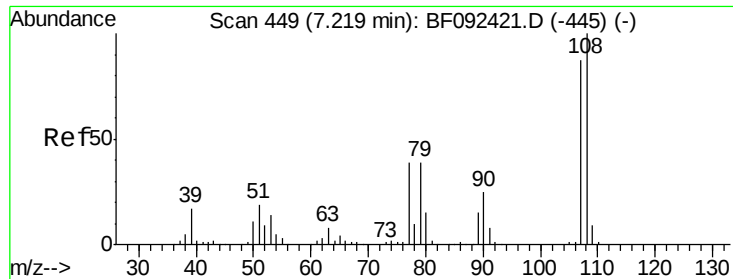
Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	45	Resp:	860154
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	34.6
79	8.6	0.0	31.2





#17

2-Methylphenol

Concen: 50.33 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

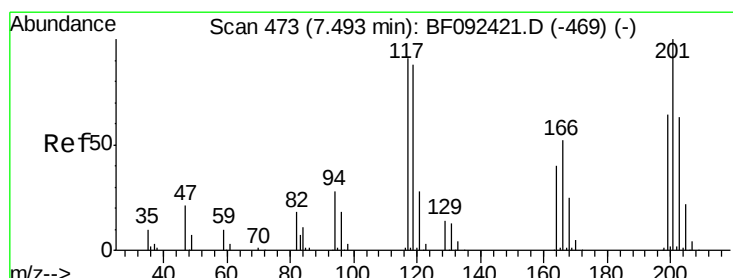
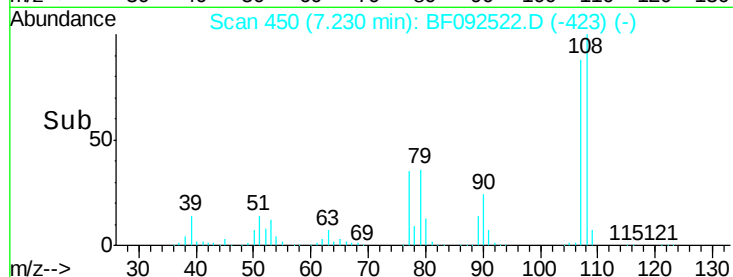
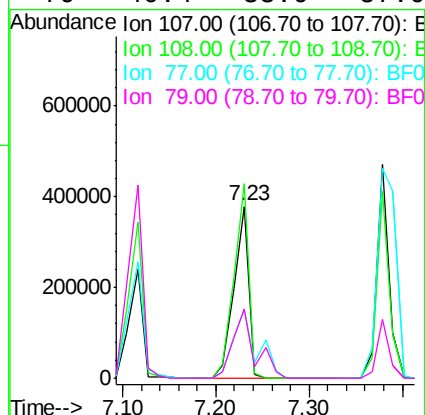
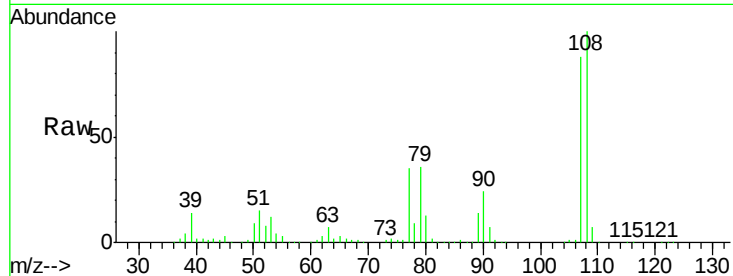
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	107	Resp:	423464
Ion Ratio	Lower	Upper	
107	100		
108	113.4	93.0	139.6
77	40.1	39.8	59.8
79	40.4	38.0	57.0

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#18

Hexachloroethane

Concen: 36.33 ng

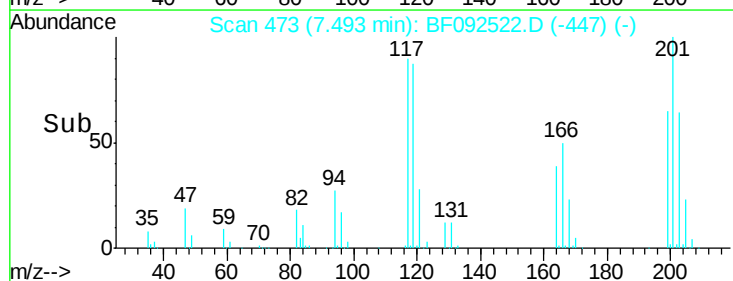
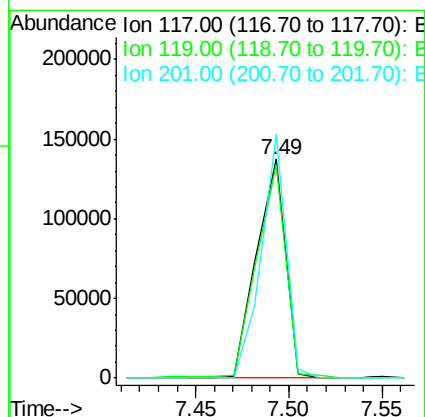
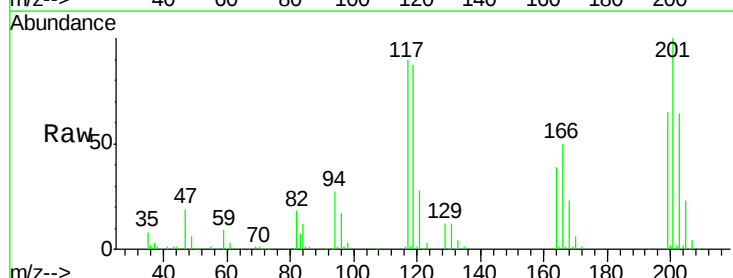
RT: 7.49 min Scan# 473

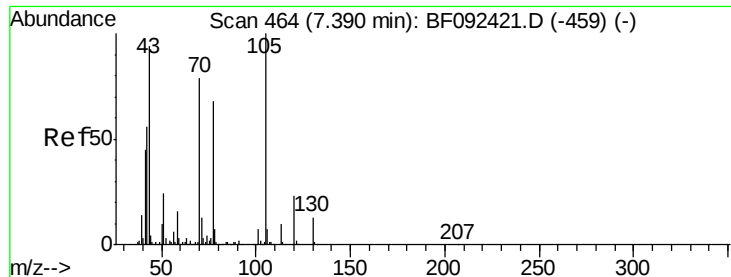
Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	117	Resp:	146691
Ion Ratio	Lower	Upper	
117	100		
119	97.1	78.1	117.1
201	111.3	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.51 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

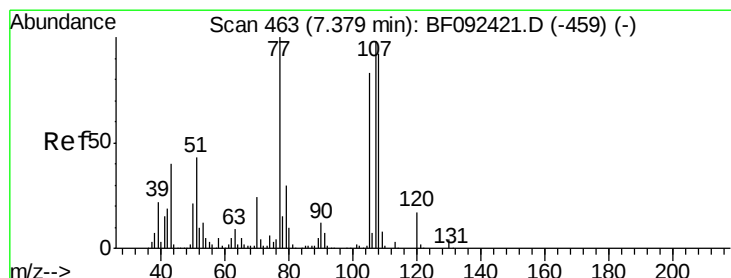
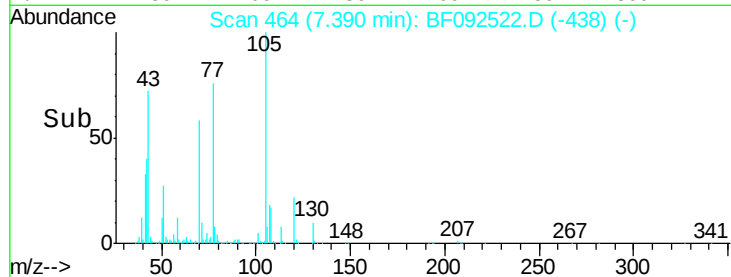
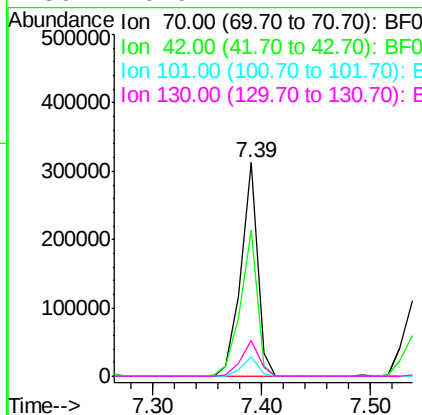
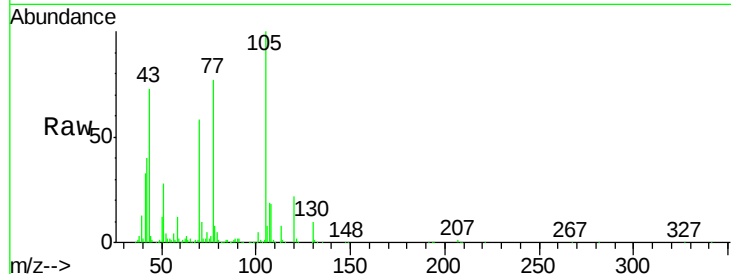
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	49.4	74.0
101	8.8	7.4	11.2
130	16.9	14.2	21.4

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#20

3+4-Methylphenols

Concen: 42.59 ng

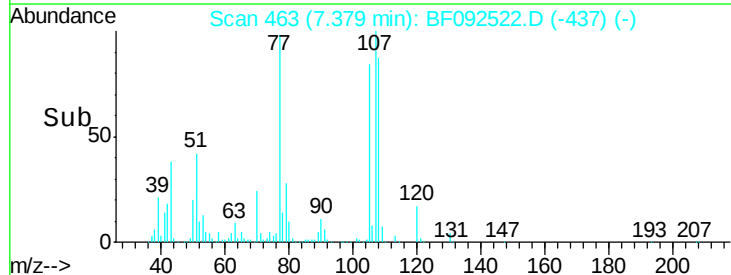
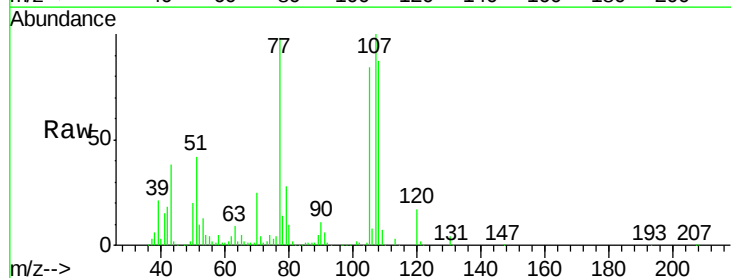
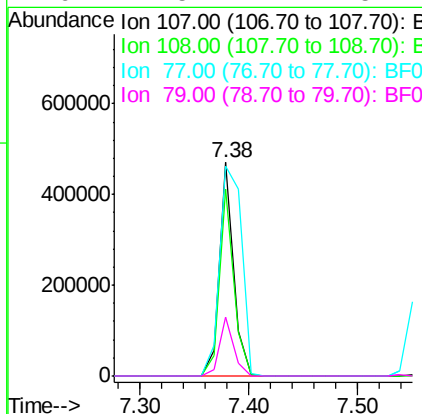
RT: 7.38 min Scan# 463

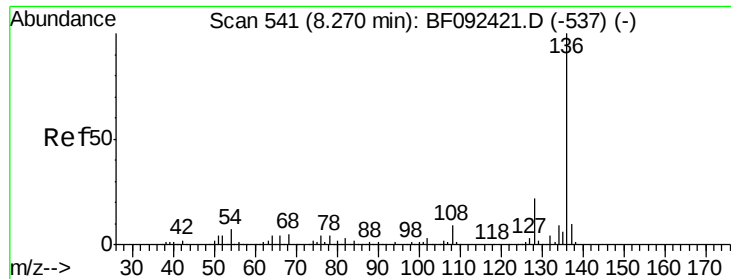
Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	98.2	71.3	111.3
79	27.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

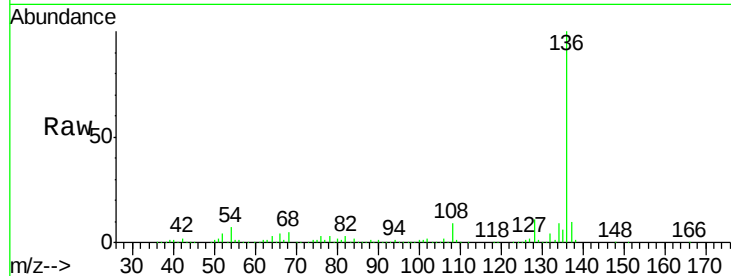
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.3	4.5	6.7#
68	5.3	3.6	5.4

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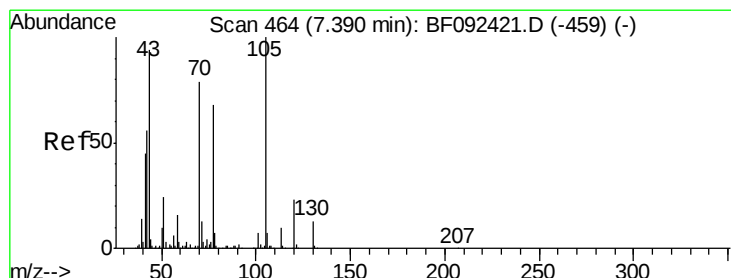
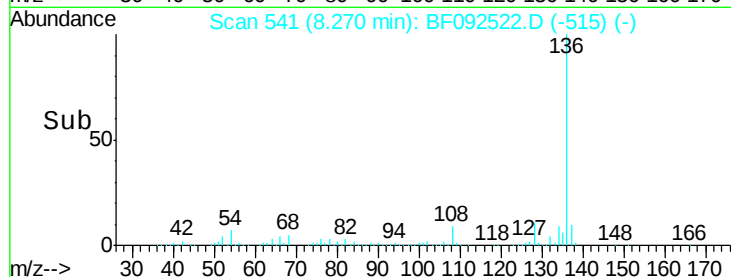
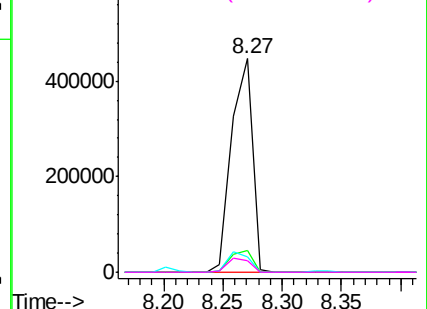


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.29 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

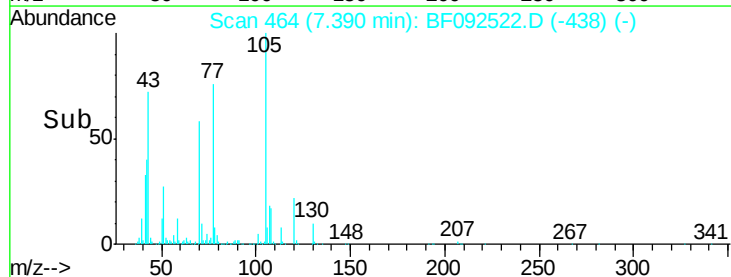
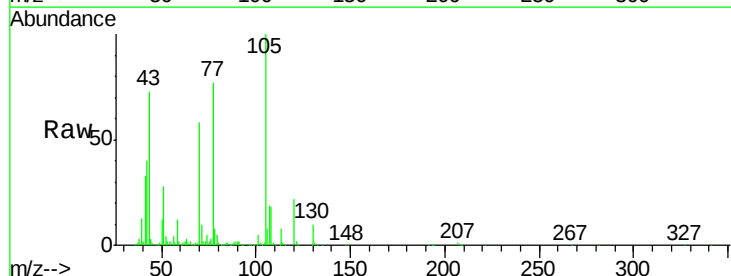
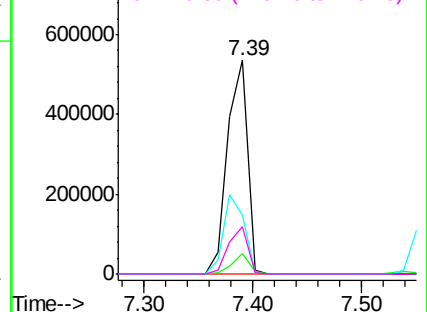
Tgt Ion	Ratio	Lower	Upper
105	100		
71	9.9	3.2	4.8#
51	27.9	26.2	39.4
120	22.3	16.6	24.8

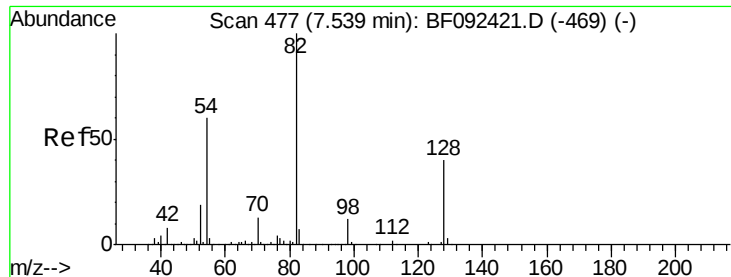
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





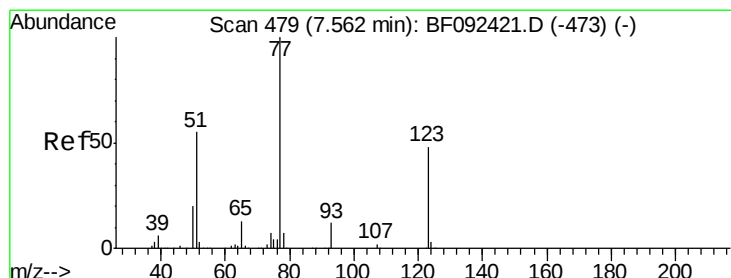
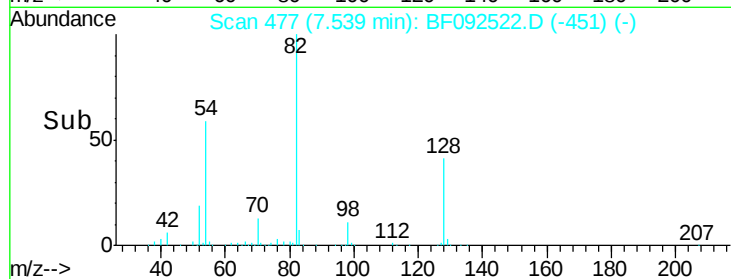
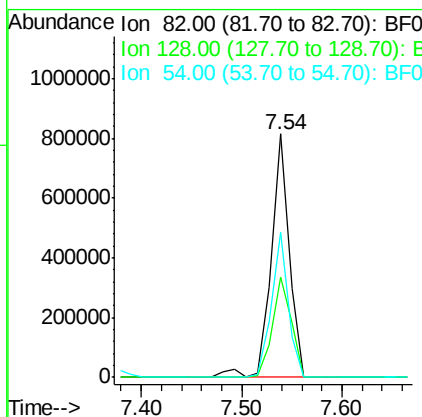
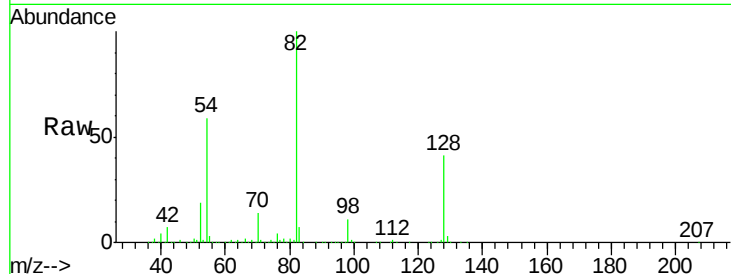
#23
Nitrobenzene-d5
Concen: 101.03 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	82	Resp	1013967
Ion Ratio	100	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	59.4	39.5	59.3

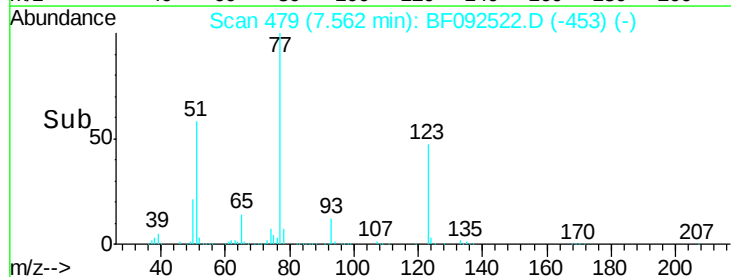
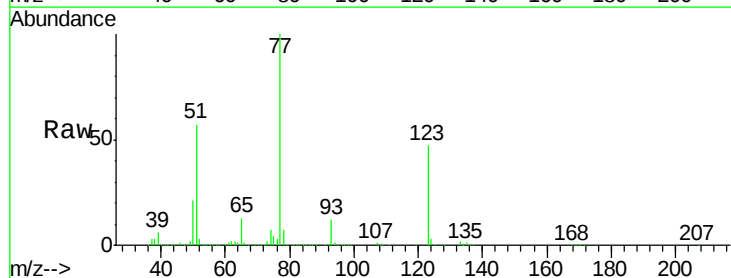
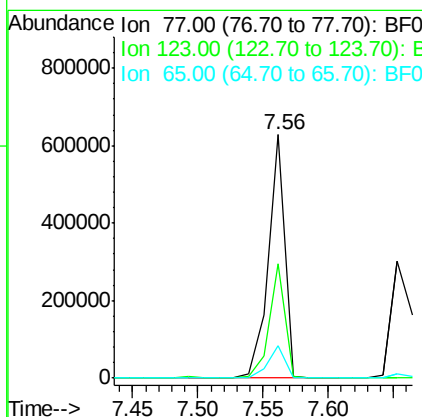
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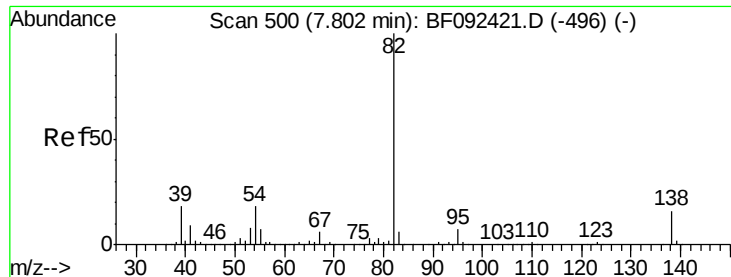
mohammad
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#24
Nitrobenzene
Concen: 53.00 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	77	Resp	557288
Ion Ratio	100	Lower	Upper
77	100		
123	47.0	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 47.22 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

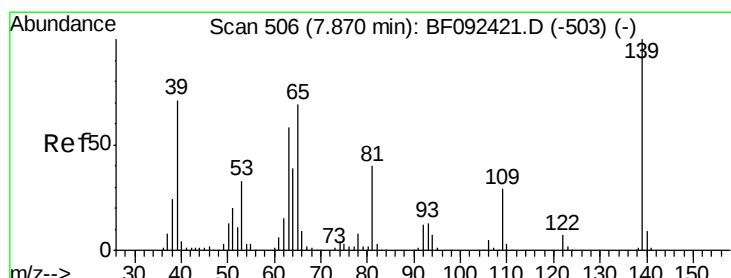
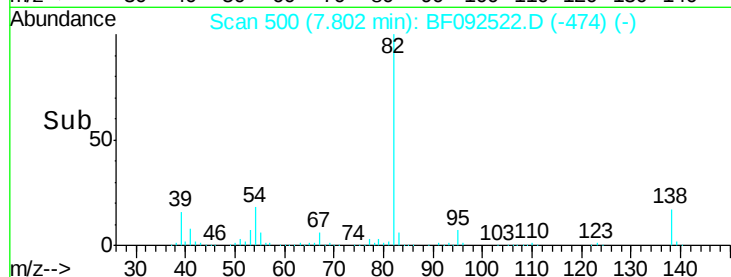
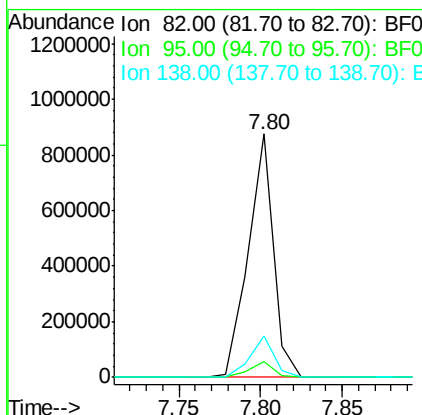
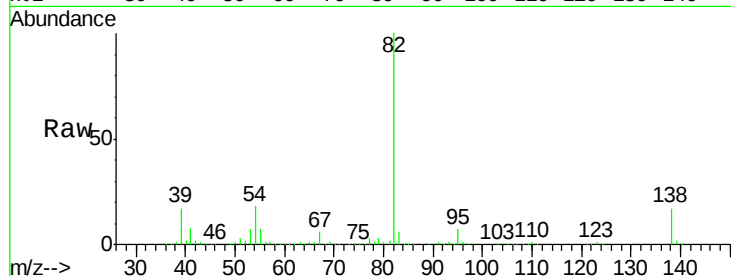
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	82	Resp:	933886
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	17.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 41.83 ng

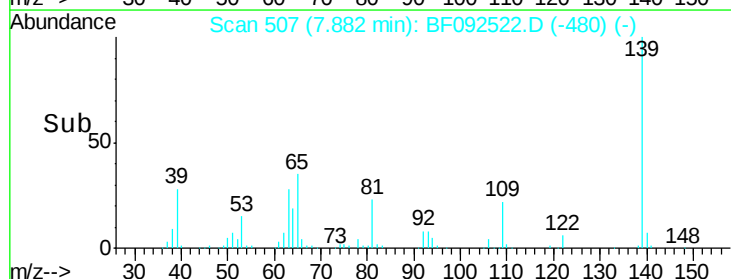
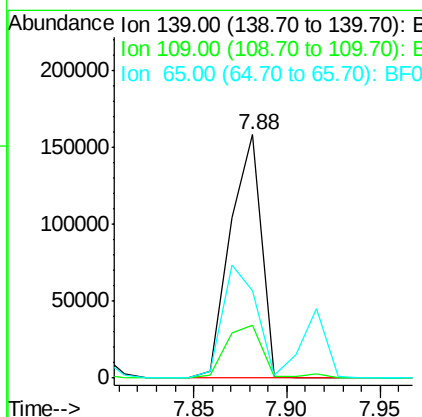
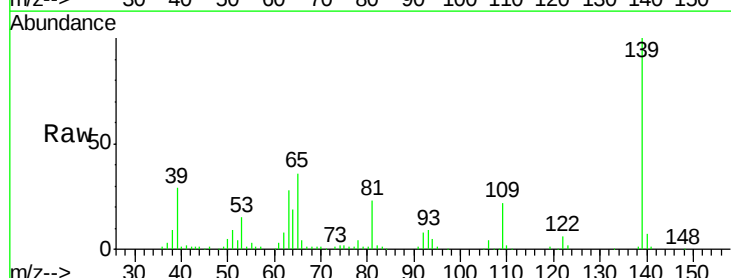
RT: 7.88 min Scan# 507

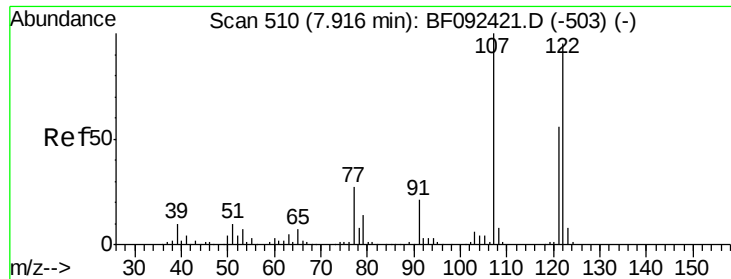
Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	139	Resp:	184316
Ion Ratio	Lower	Upper	
139	100		
109	21.6	23.3	34.9#
65	35.8	42.7	64.1#





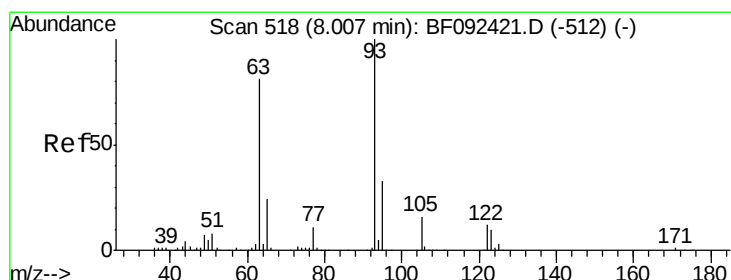
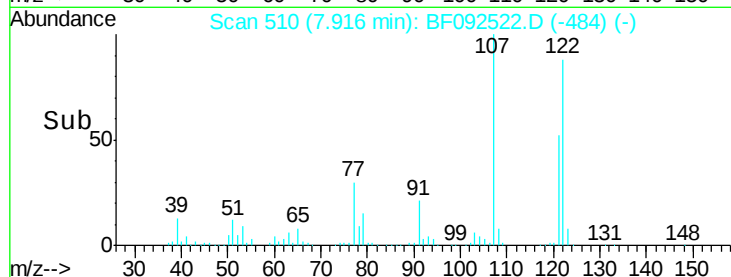
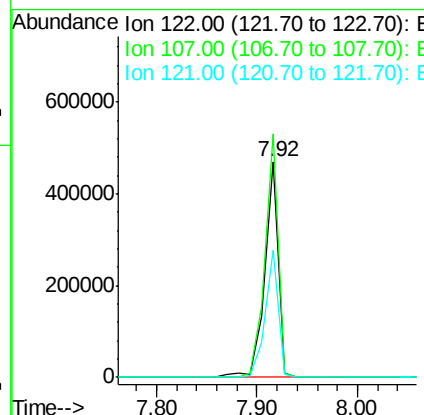
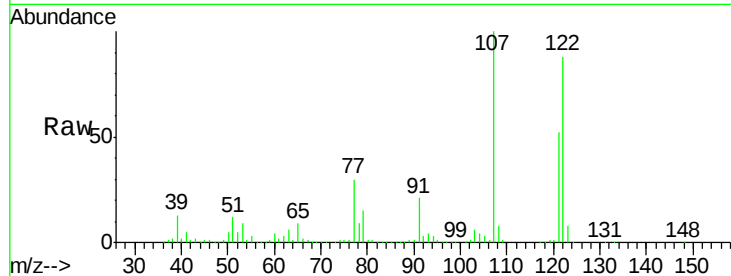
#27
2,4-Dimethylphenol
Concen: 47.75 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	94.1	141.1
121	59.3	46.0	69.0

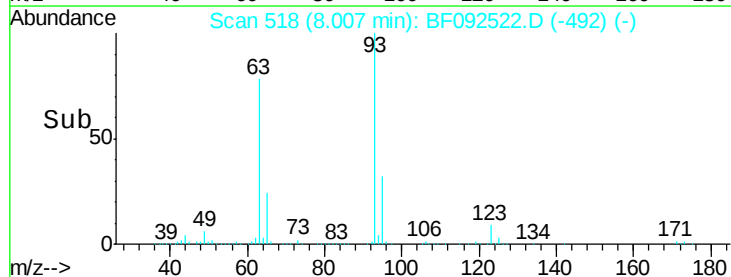
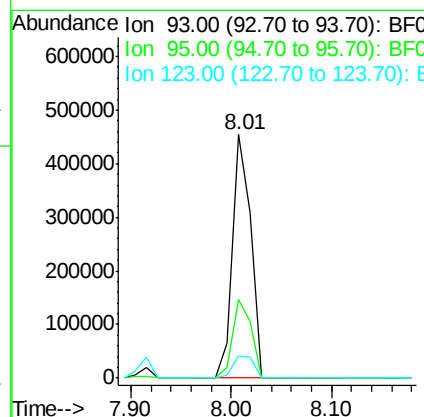
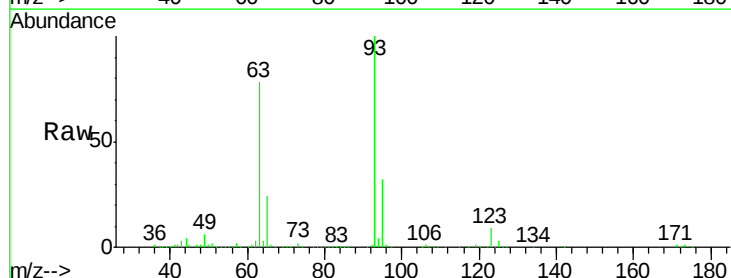
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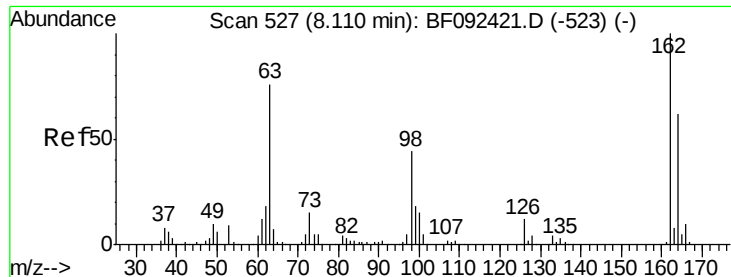
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#28
bis(2-Chloroethoxy)methane
Concen: 44.07 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.1	8.6	13.0





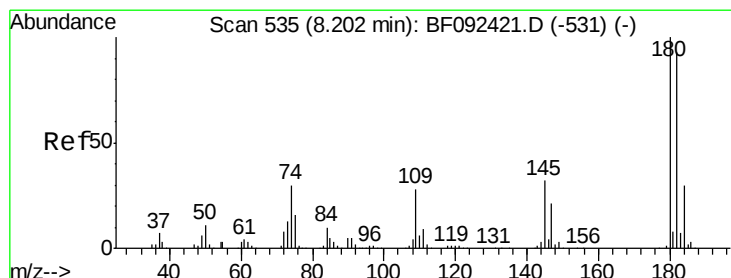
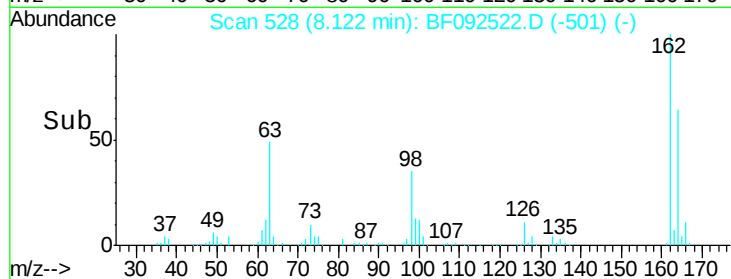
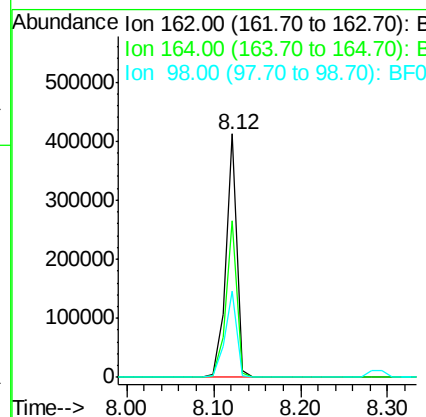
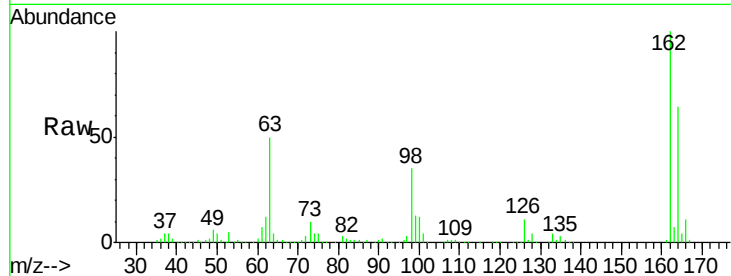
#29
2,4-Dichlorophenol
Concen: 46.74 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	371364		
164	64.2	46.8	86.8	
98	35.3	9.1	49.1	

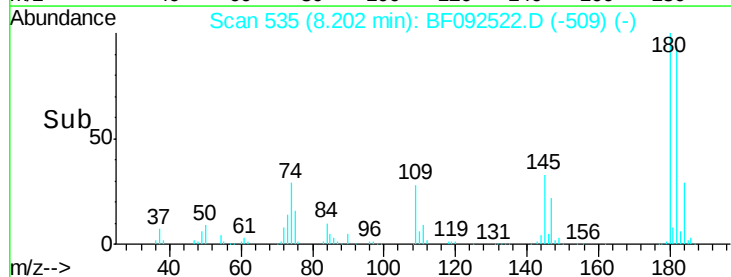
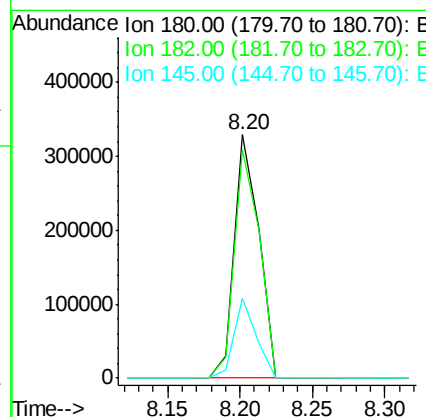
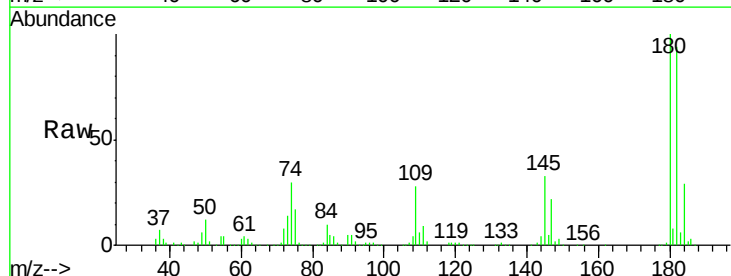
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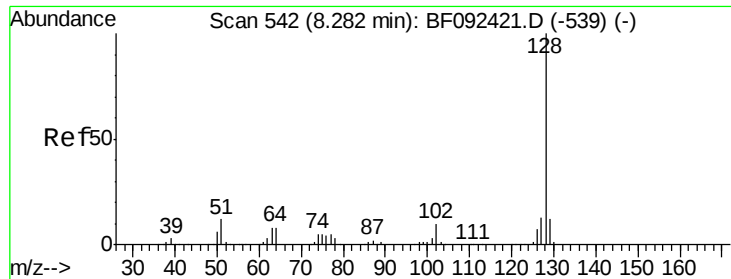
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#30
1,2,4-Trichlorobenzene
Concen: 44.89 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385491		
182	94.0	78.2	117.4	
145	32.8	21.6	32.4#	





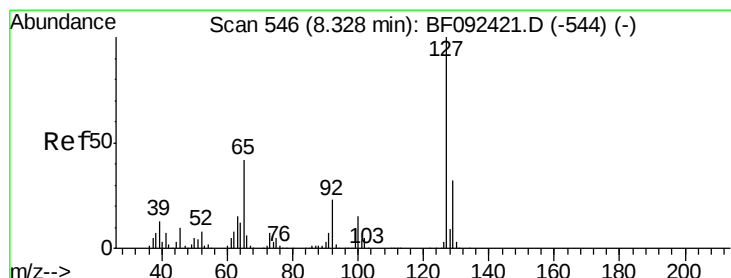
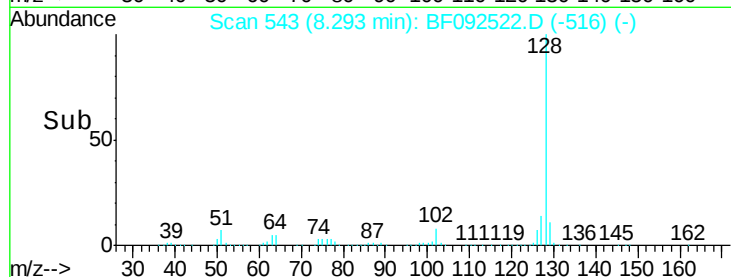
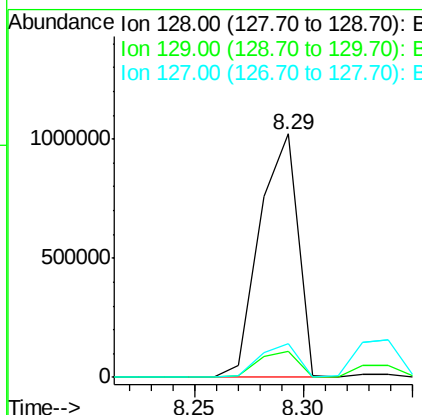
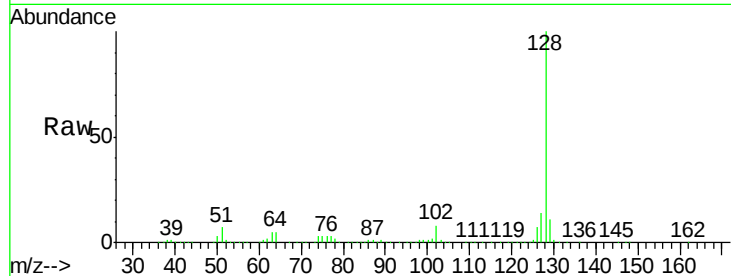
#31
Naphthalene
Concen: 44.89 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion:128 Resp: 1259699
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.7 10.8 16.2

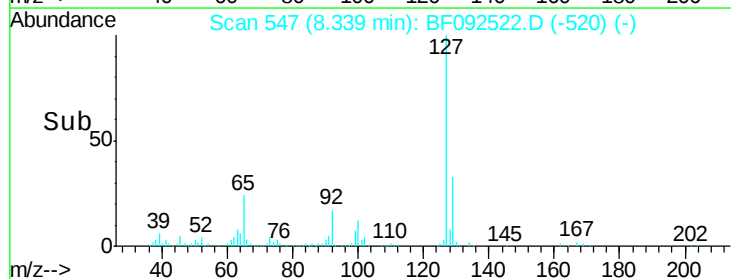
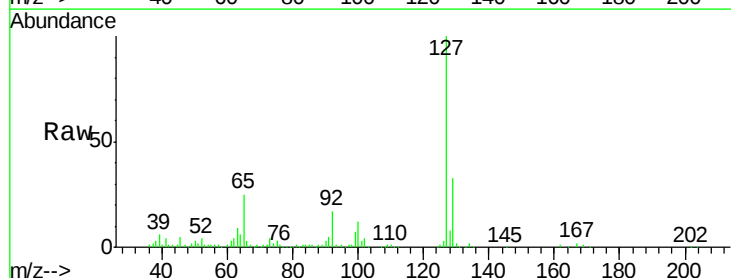
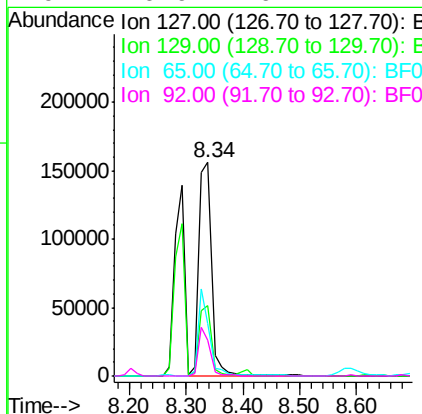
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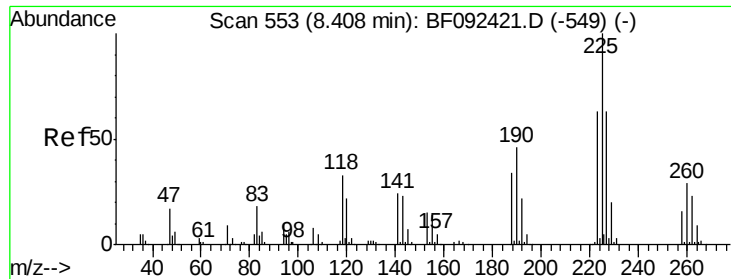
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#33
4-Chloroaniline
Concen: 20.10 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:127 Resp: 238608
Ion Ratio Lower Upper
127 100
129 33.2 26.3 39.5
65 24.6 25.8 38.8#
92 16.9 16.1 24.1





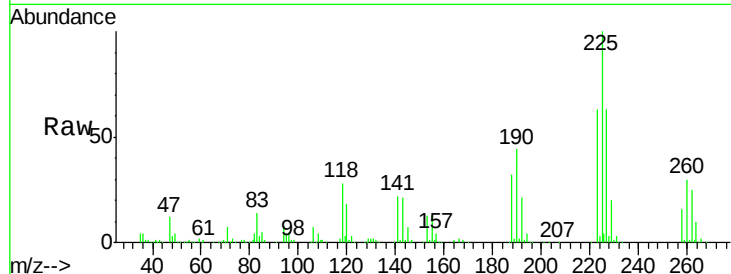
#34
Hexachlorobutadiene
Concen: 47.02 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

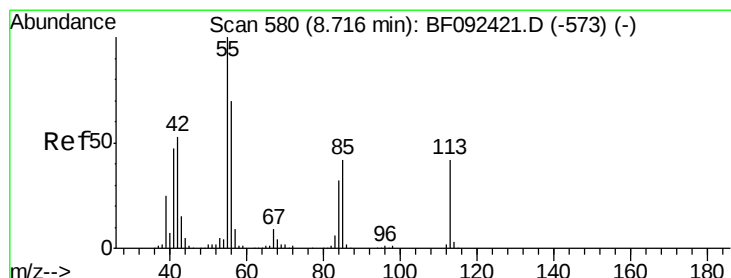
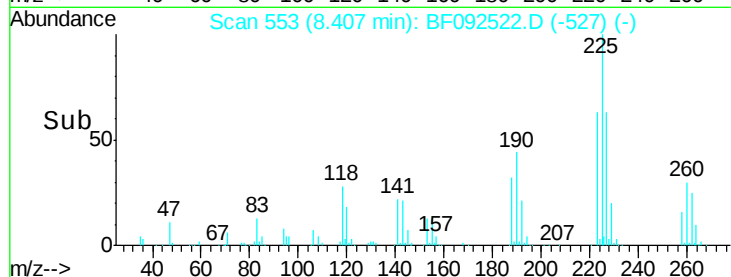
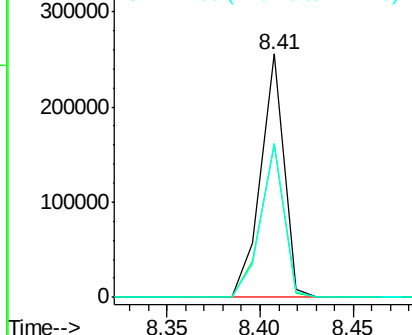
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	63.4	50.6	76.0

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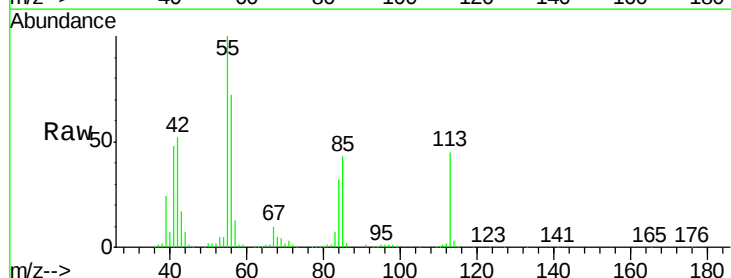


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

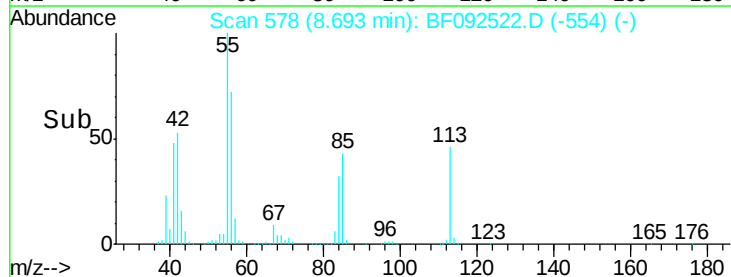
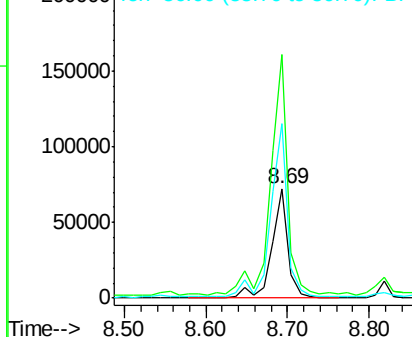


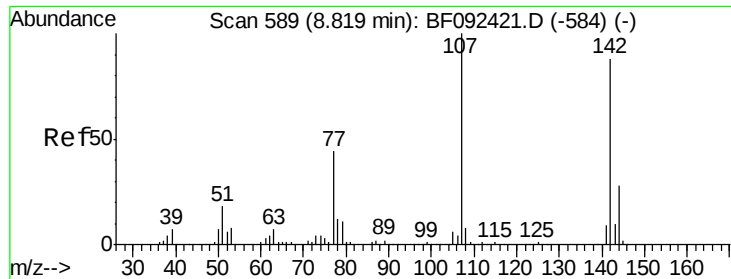
#35
Caprolactam
Concen: 37.96 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
113	100		
55	222.3	119.2	159.2#
56	159.5	83.8	123.8#



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





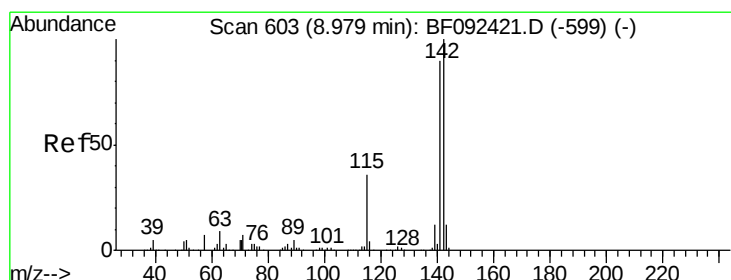
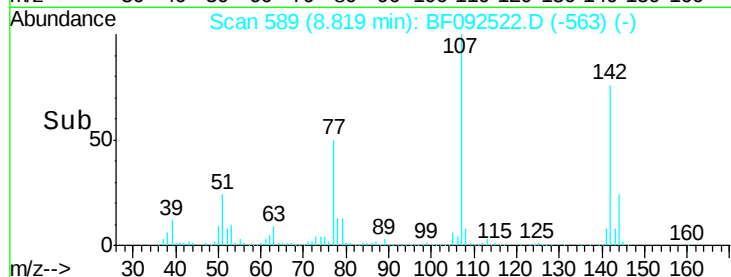
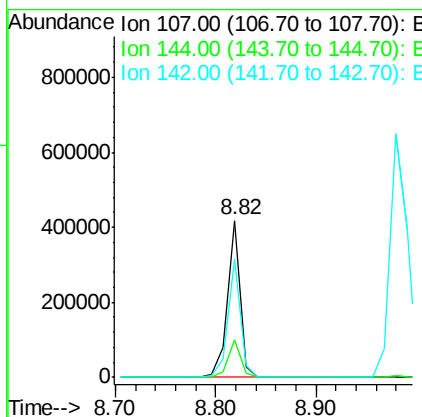
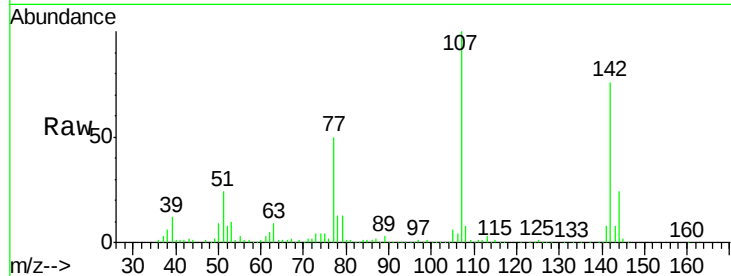
#36
4-Chloro-3-methylphenol
Concen: 42.73 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	75.8	59.0	88.6

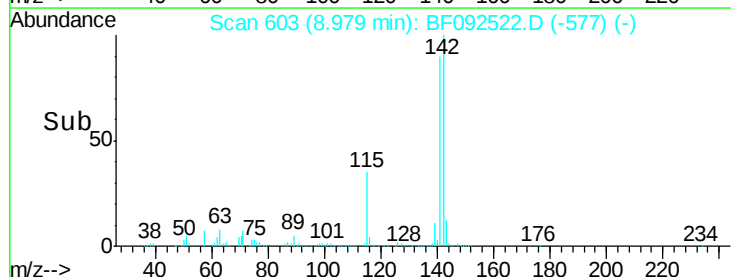
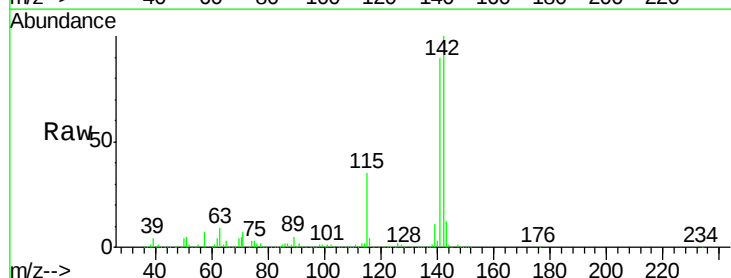
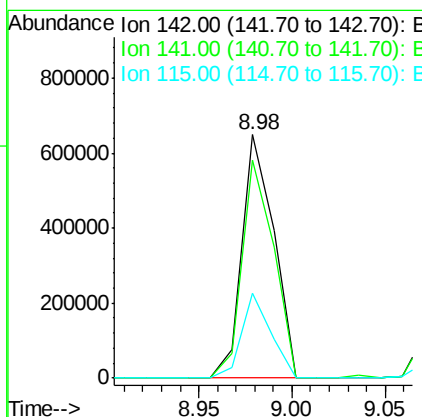
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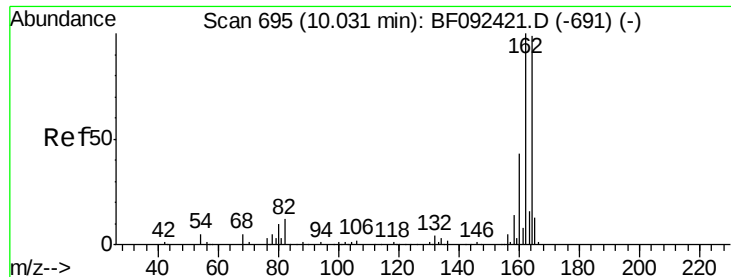
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#37
2-Methylnaphthalene
Concen: 43.38 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	34.8	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

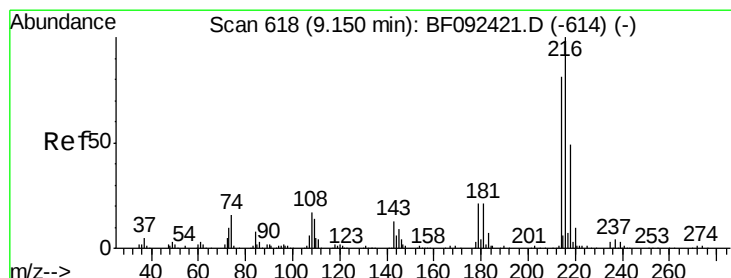
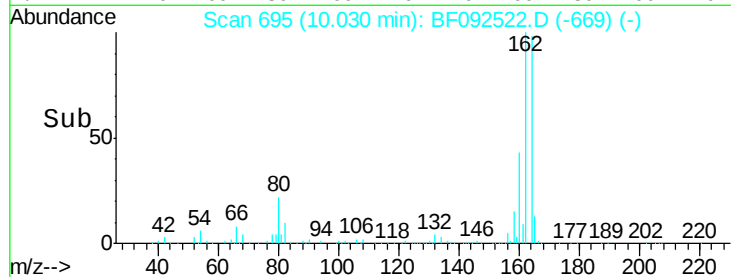
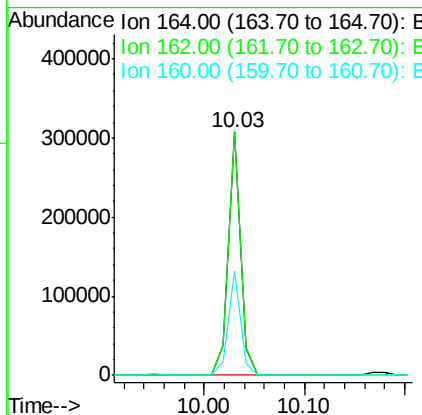
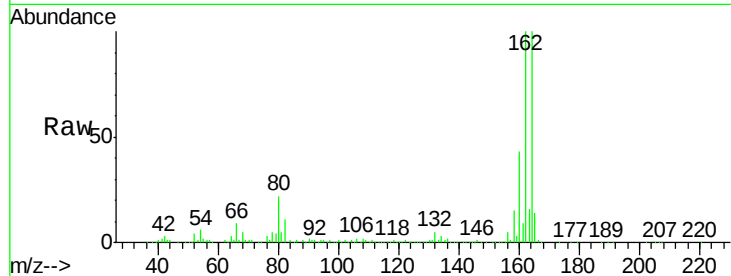
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	164	Resp:	263117
Ion Ratio		Lower	Upper
164	100		
162	100.0	80.2	120.2
160	42.9	36.9	55.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.01 ng

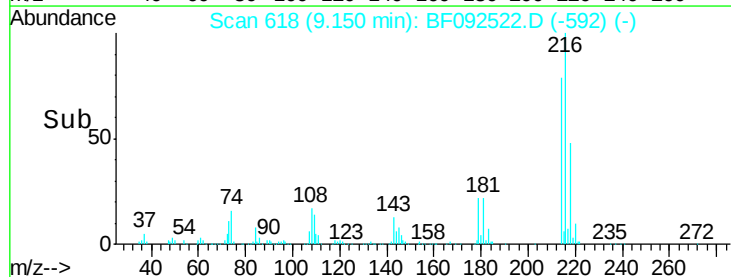
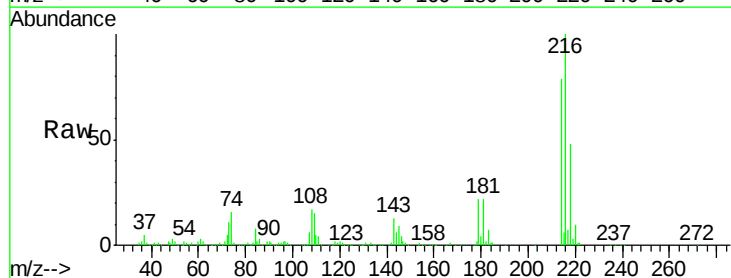
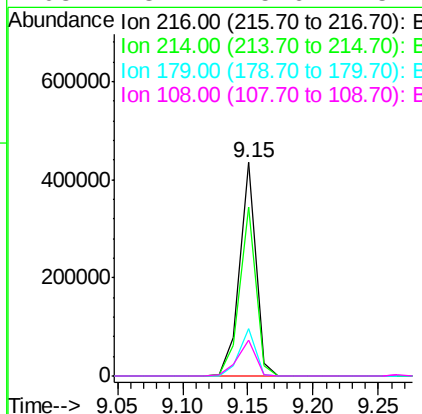
RT: 9.15 min Scan# 618

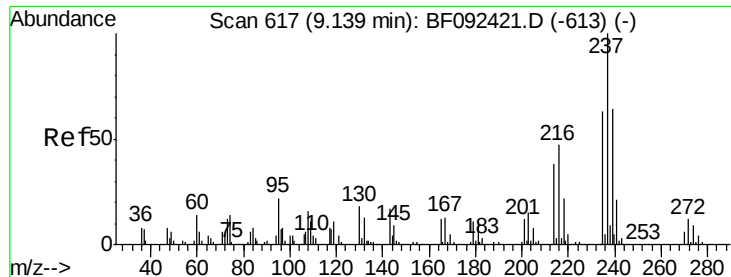
Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	216	Resp:	371719
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.4	95.0
179	22.7	17.4	26.2
108	18.4	15.6	23.4





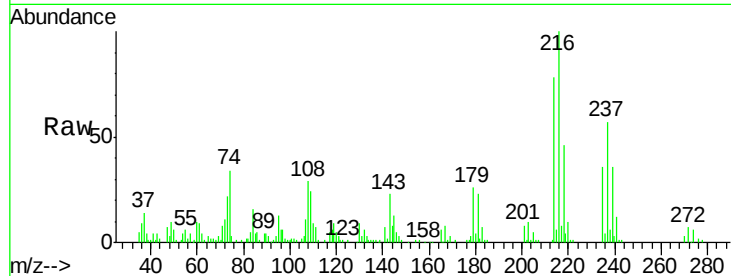
#40
Hexachlorocyclopentadiene
Concen: 14.25 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

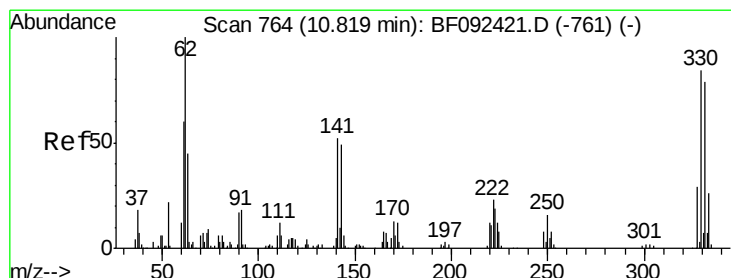
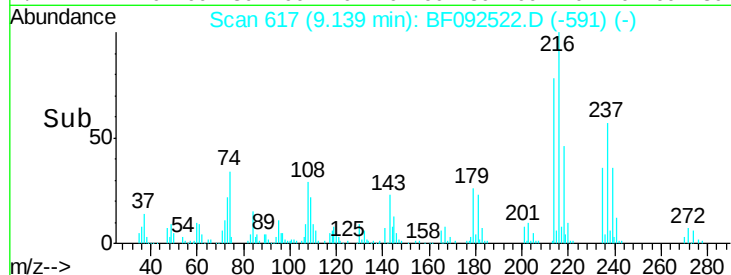
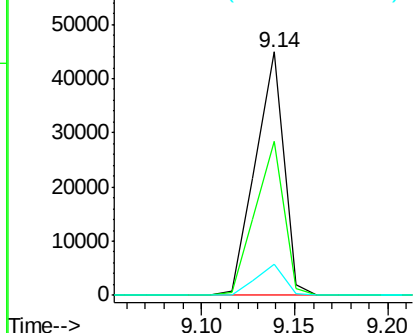
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.2	81.2
272	12.9	0.0	35.4

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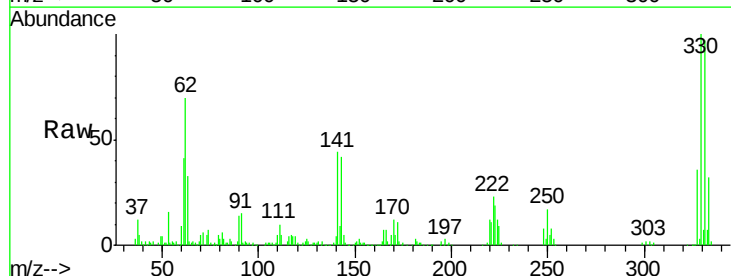


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

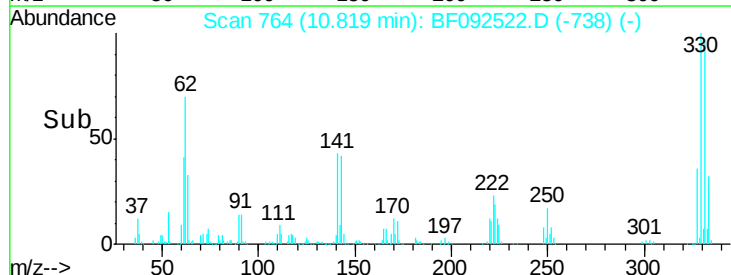
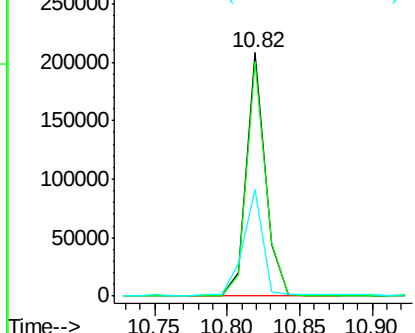


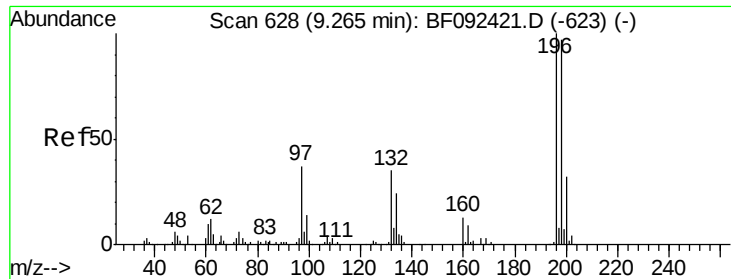
#41
2,4,6-Tribromophenol
Concen: 104.53 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	45.0	34.1	51.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 36.55 ng m

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

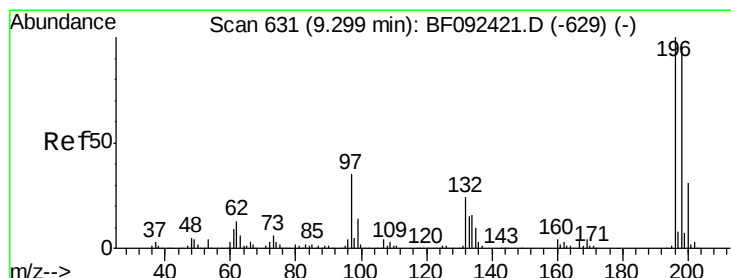
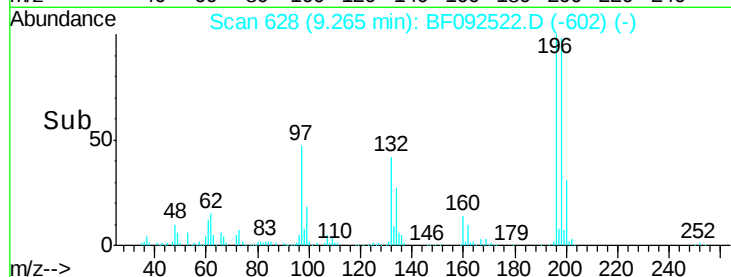
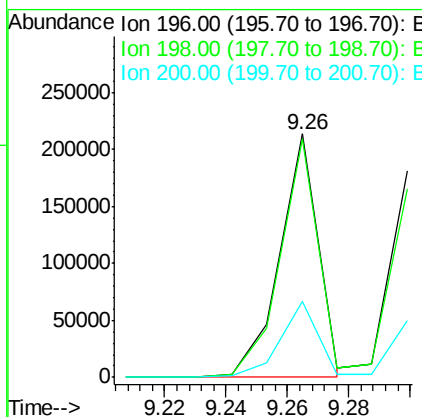
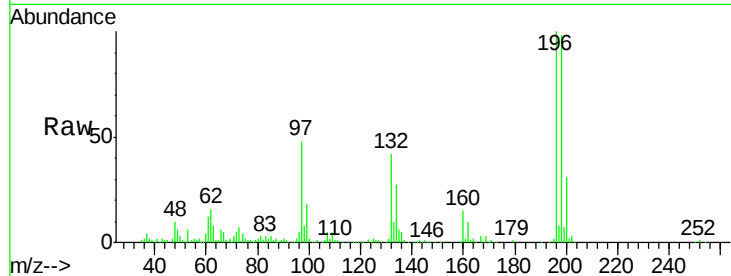
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	196	Resp:	185875
Ion Ratio	Lower	Upper	
196	100		
198	97.9	82.1	123.1
200	31.3	27.0	40.4

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#43

2,4,5-Trichlorophenol

Concen: 41.89 ng m

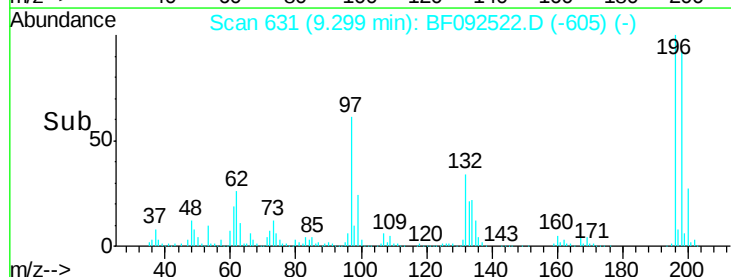
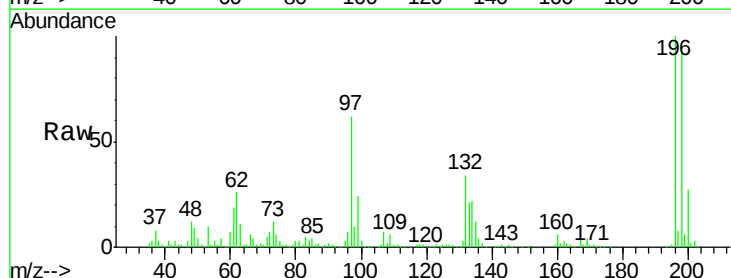
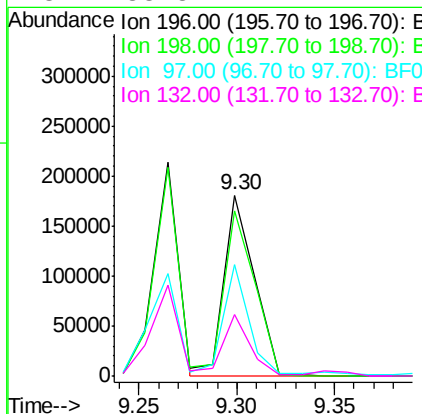
RT: 9.30 min Scan# 631

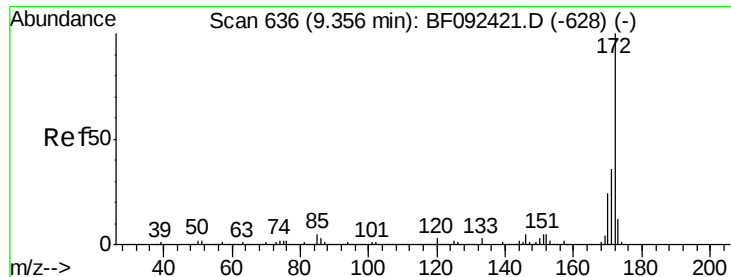
Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	196	Resp:	194899
Ion Ratio	Lower	Upper	
196	100		
198	91.6	79.4	119.2
97	61.5	51.5	77.3
132	33.8	27.4	41.2





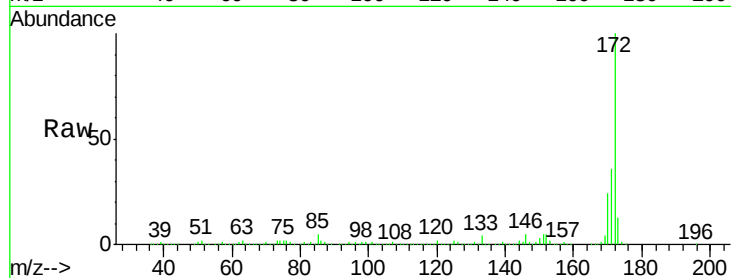
#44
2-Fluorobiphenyl
Concen: 110.05 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

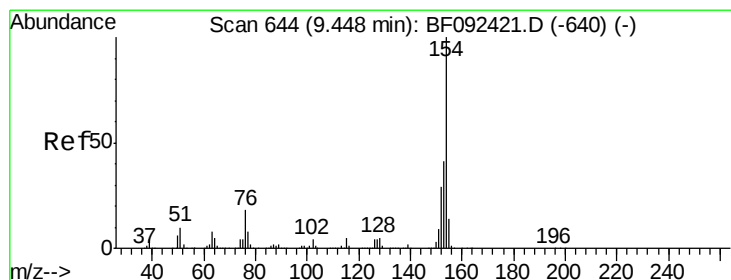
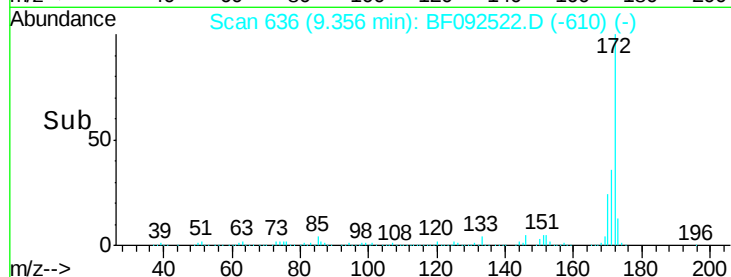
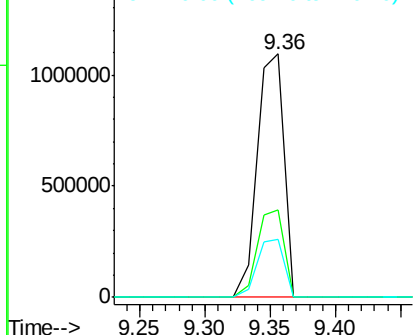
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	20.2	30.4

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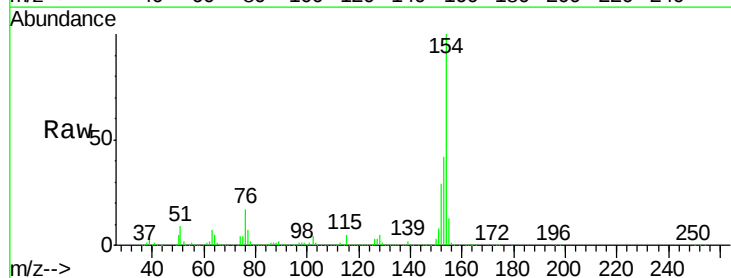


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

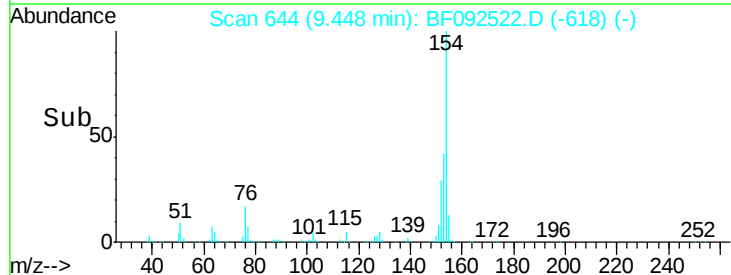
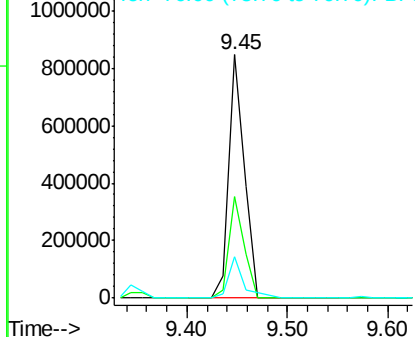


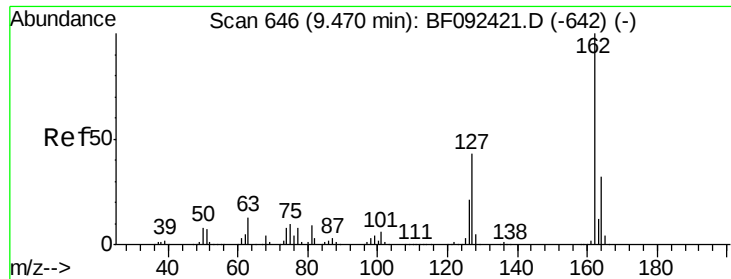
#45
1,1'-Biphenyl
Concen: 47.61 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	16.8	0.0	30.5



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





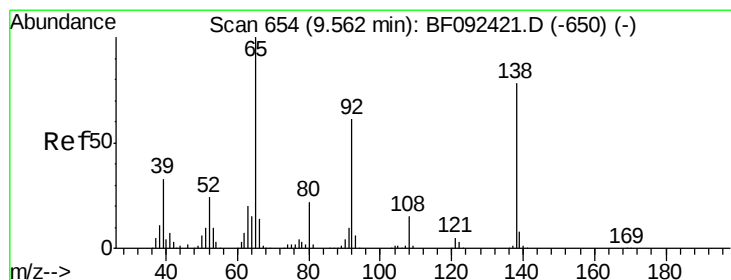
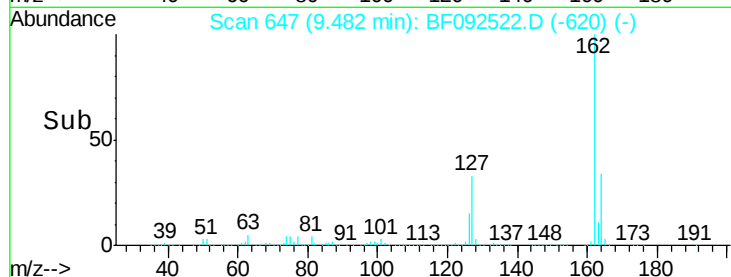
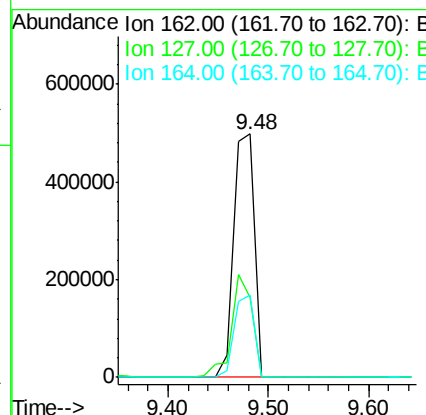
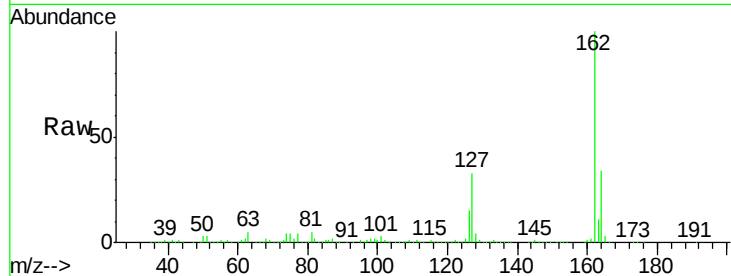
#46
 2-Chloronaphthalene
 Concen: 45.65 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	32.5	30.7	46.1
164	33.9	27.6	41.4

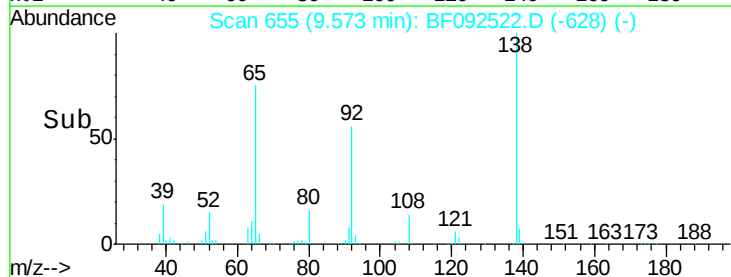
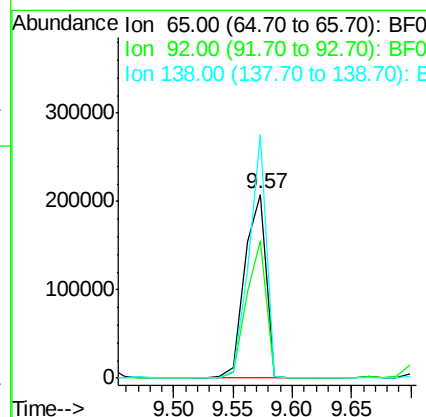
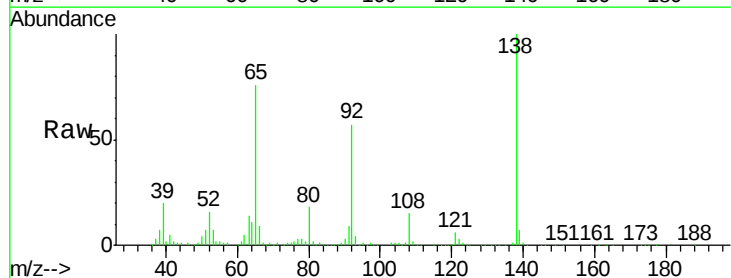
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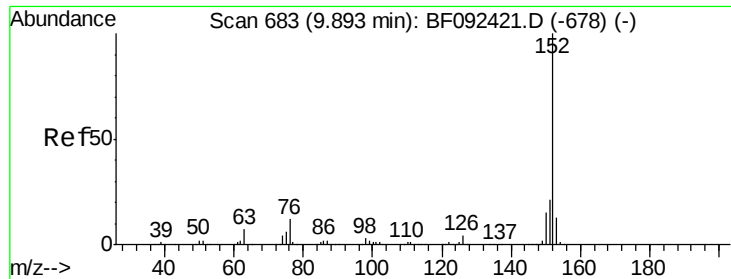
mohammad
 1/27/2017 3:02:14 PM



#47
 2-Nitroaniline
 Concen: 49.45 ng
 RT: 9.57 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	53.9	80.9
138	132.3	76.8	115.2





#48

Acenaphthylene

Concen: 48.59 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:152 Resp: 1107164

Ion Ratio Lower Upper

152 100

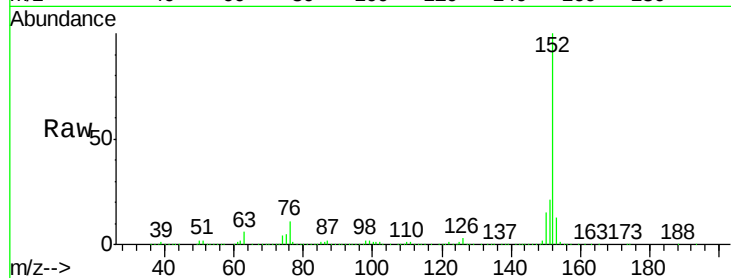
151 20.5 16.9 25.3

153 13.3 11.4 17.2

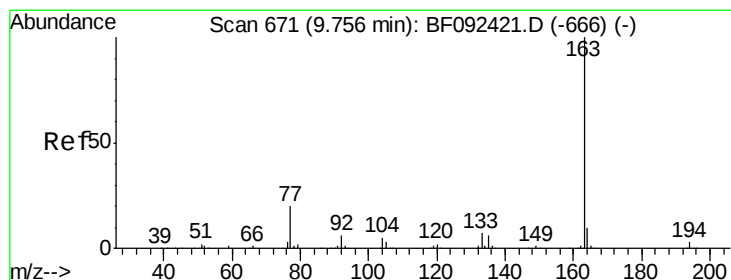
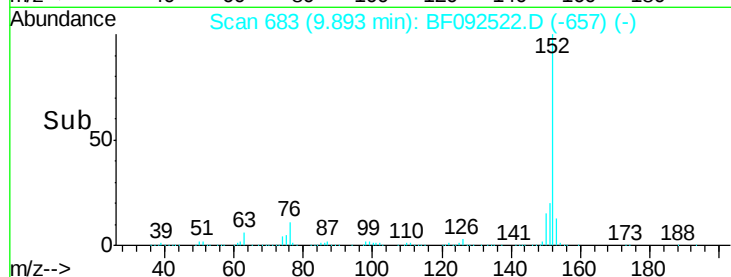
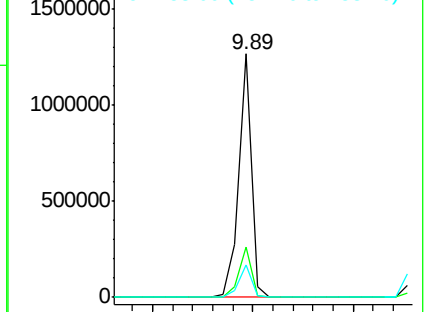
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 58.50 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

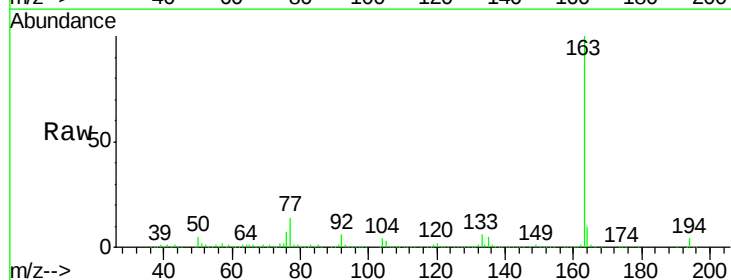
Tgt Ion:163 Resp: 978853

Ion Ratio Lower Upper

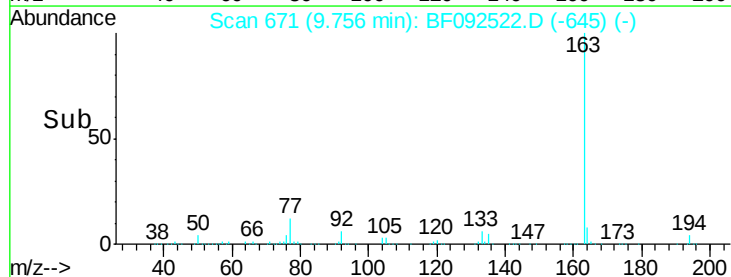
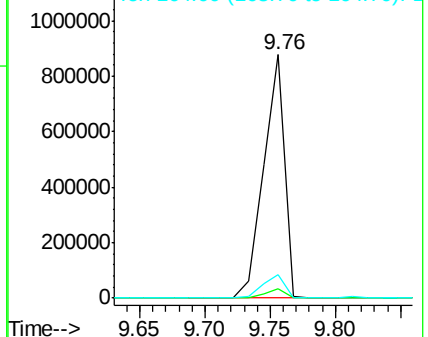
163 100

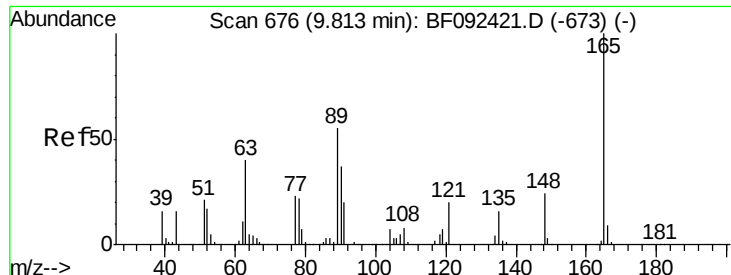
194 3.9 3.0 4.4

164 9.8 8.0 12.0



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





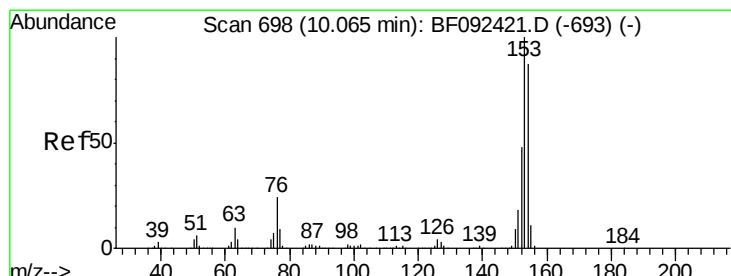
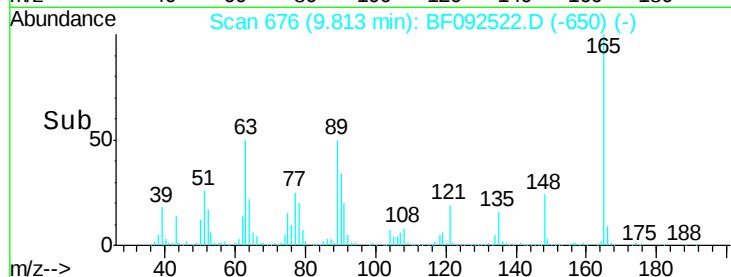
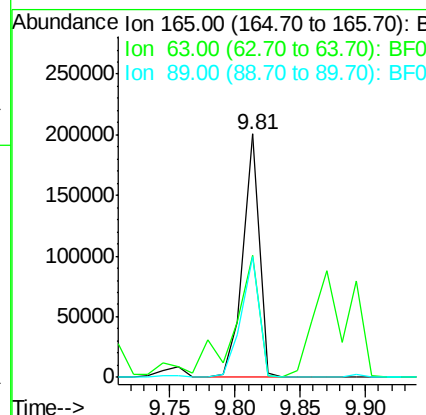
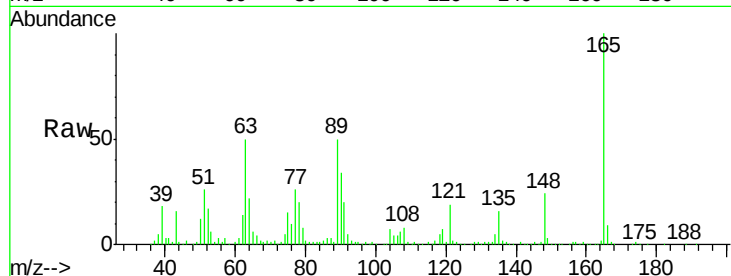
#50
2,6-Dinitrotoluene
Concen: 50.62 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	173115		
63	50.2		36.2	54.4
89	49.6		40.2	60.4

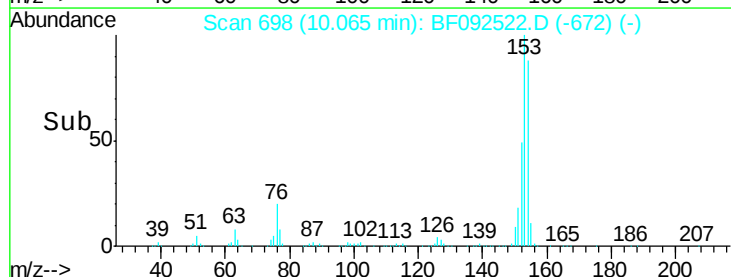
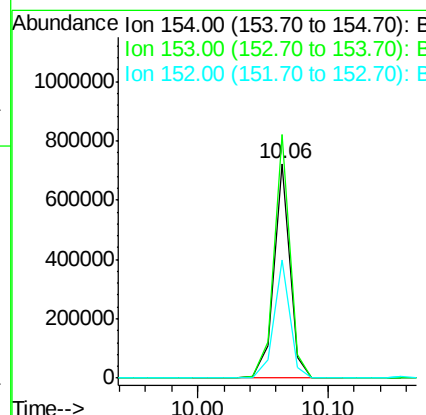
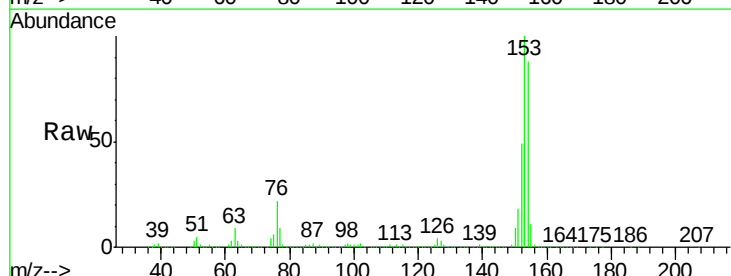
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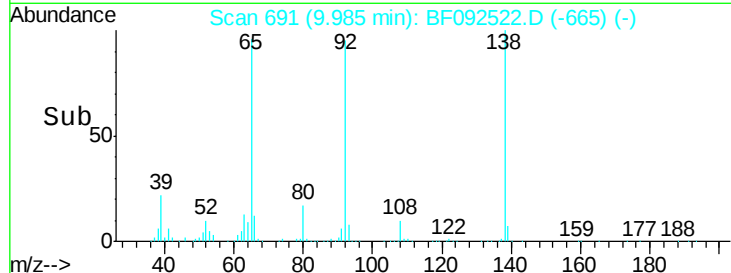
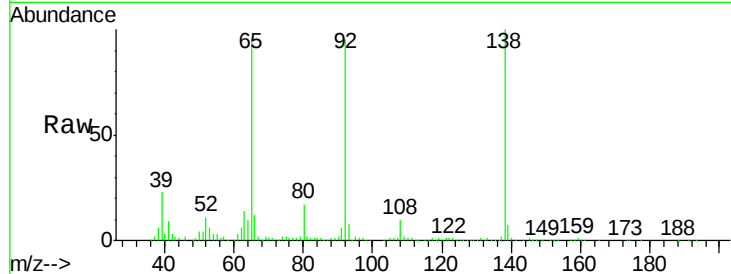
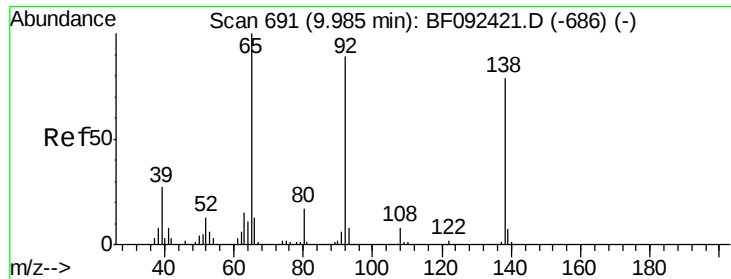
mohammad
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#51
Acenaphthene
Concen: 44.09 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	624220		
153	113.4		88.6	133.0
152	55.2		41.6	62.4





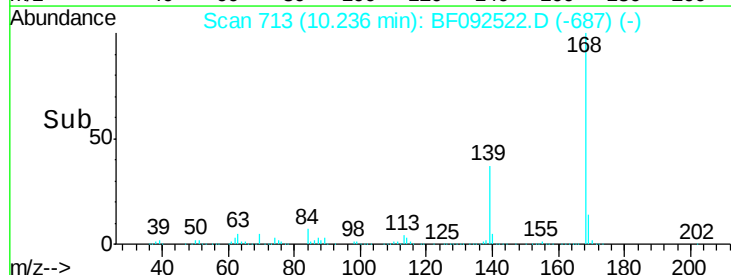
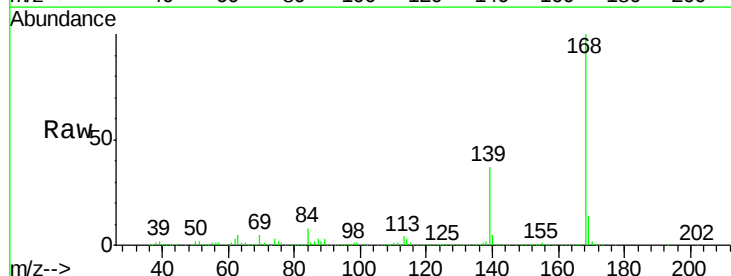
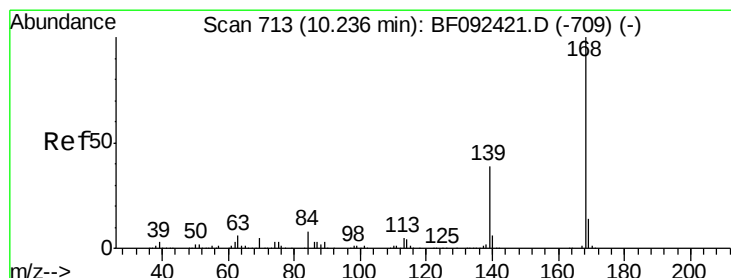
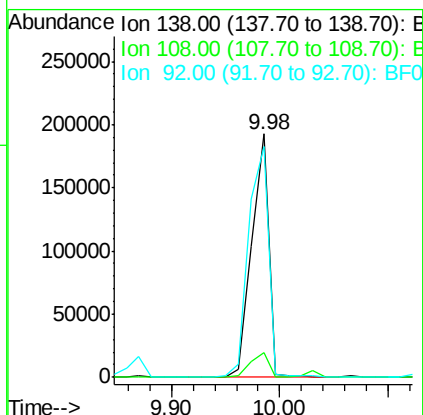
#52
3-Nitroaniline
Concen: 49.53 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	95.0	97.8	146.8#

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

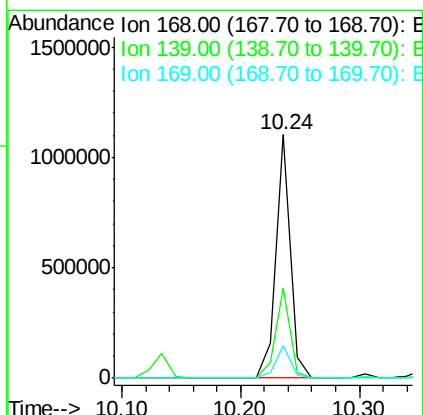
Manual Integrations
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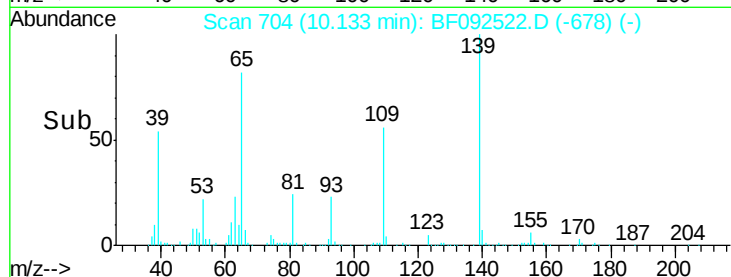
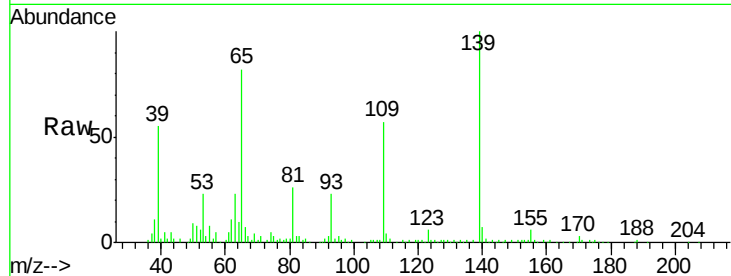
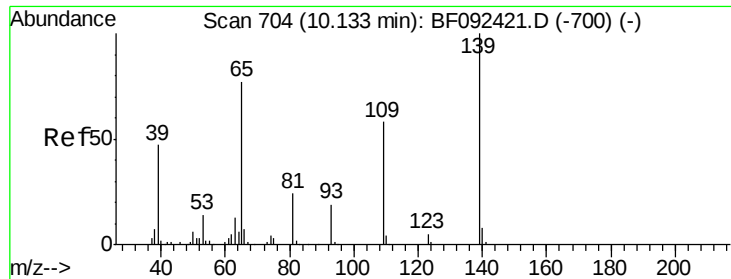
mohammad
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#54
Dibenzofuran
Concen: 48.63 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.6	49.0
169	13.6	11.3	16.9





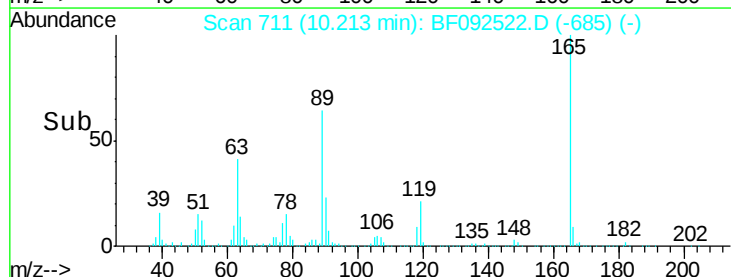
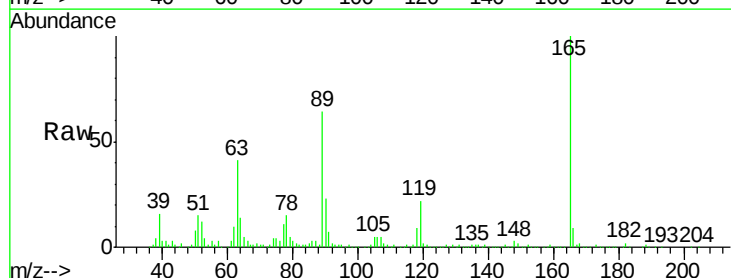
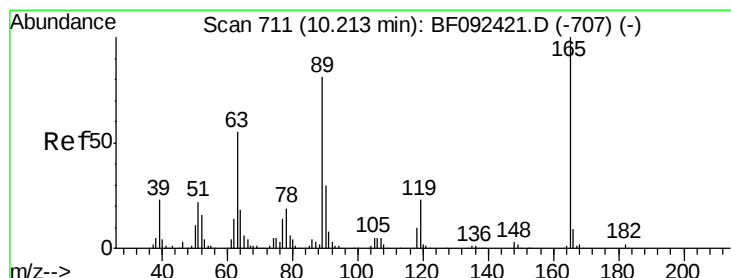
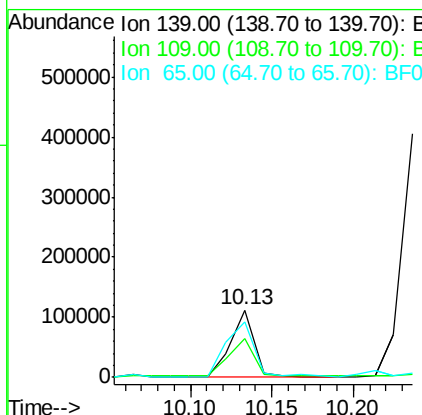
#55
4-Nitrophenol
Concen: 32.40 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tot Ion	Ratio	Resp	Lower	Upper
139	100	110225		
109	56.9	52.2	92.2	
65	82.1	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

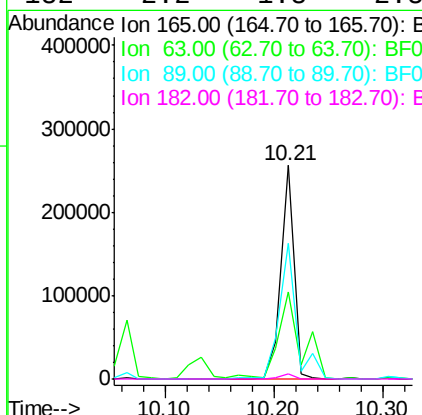
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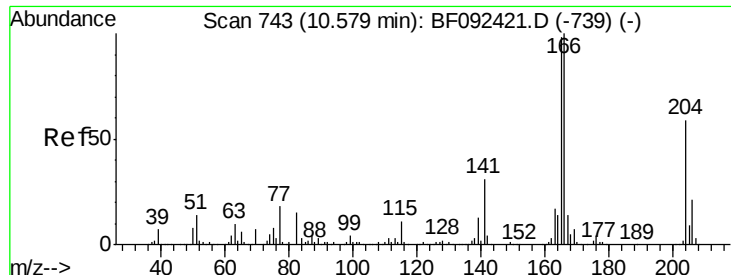
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#56
2,4-Dinitrotoluene
Concen: 46.91 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212935		
63	41.0	40.2	60.4	
89	63.8	62.5	93.7	
182	2.2	1.8	2.8	





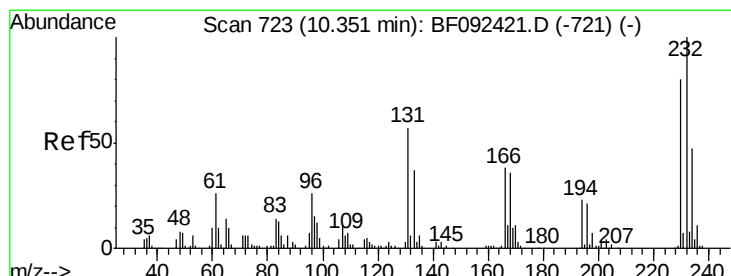
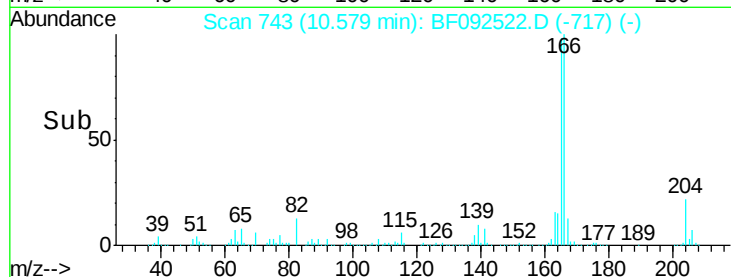
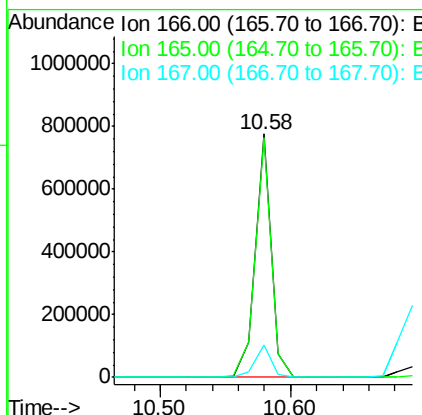
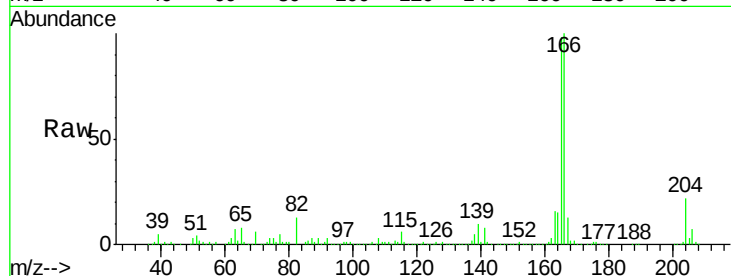
#57
Fluorene
 Concen: 46.60 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	664335		
165	98.4	77.8	116.8	
167	13.3	10.8	16.2	

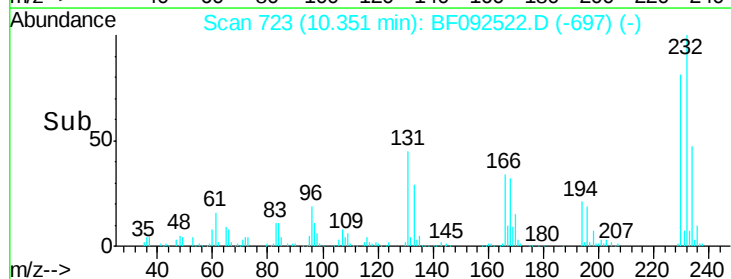
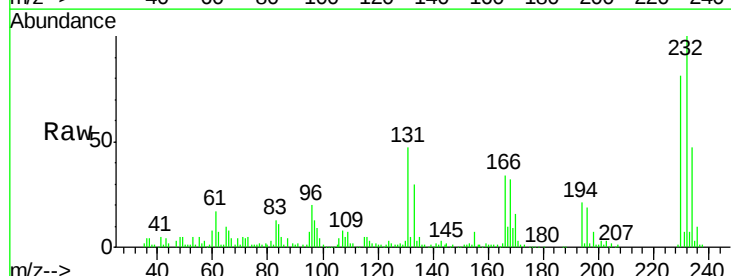
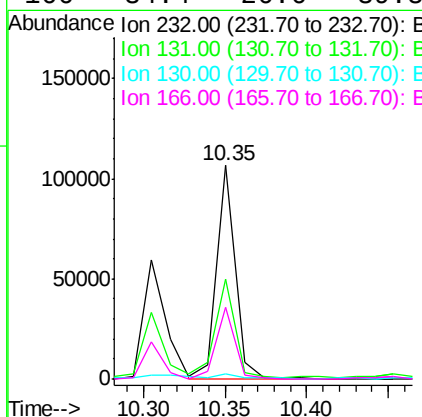
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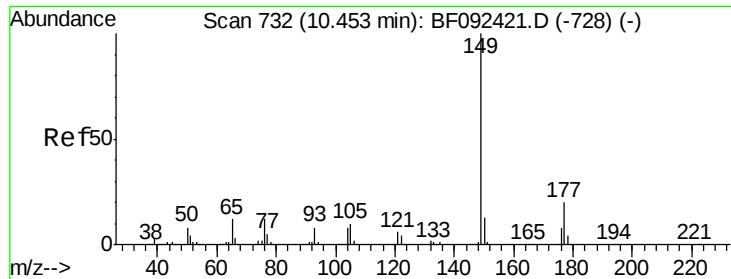
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 24.39 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	85011		
131	47.6	40.1	60.1	
130	0.0	1.8	2.8	
166	34.4	26.6	39.8	





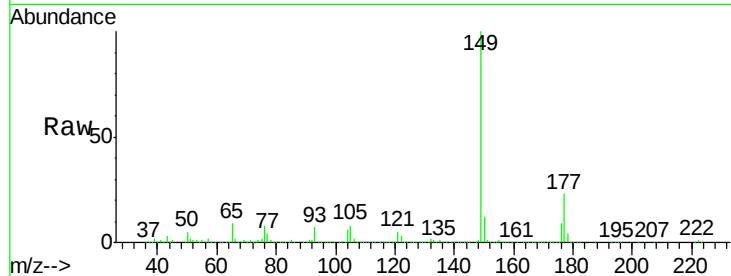
#59
Diethylphthalate
Concen: 50.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

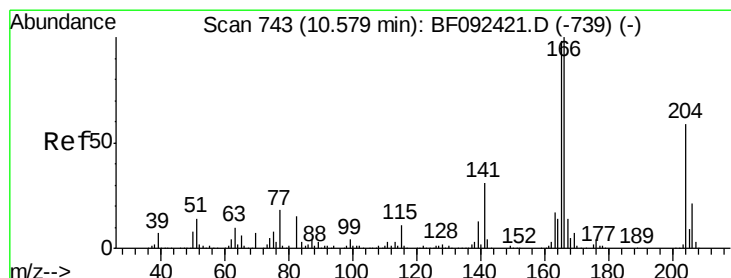
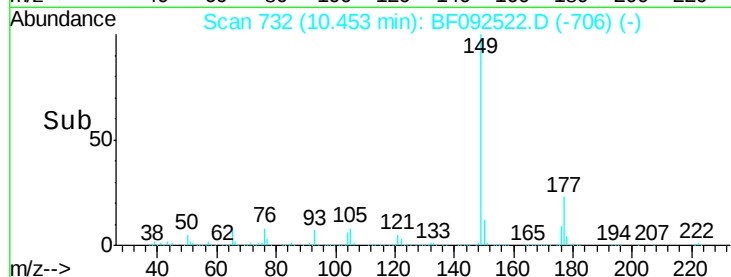
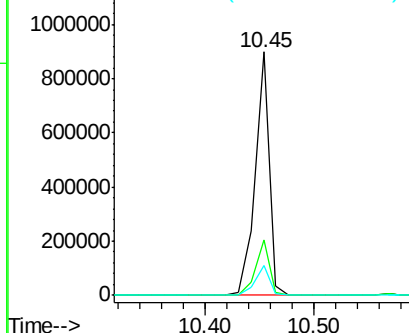
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.6	25.0
150	12.4	10.4	15.6

Manual Integrations
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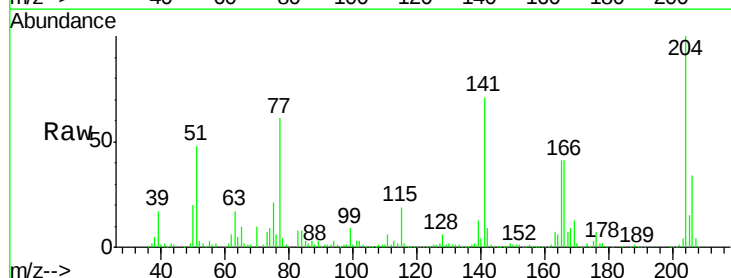


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

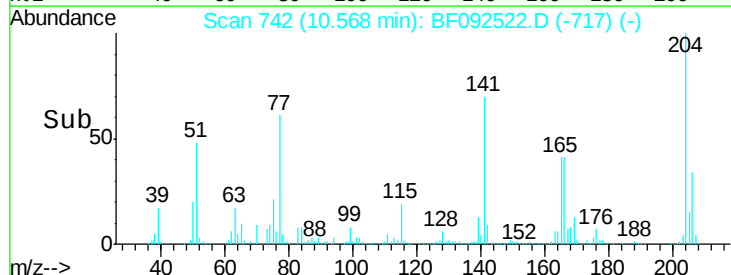
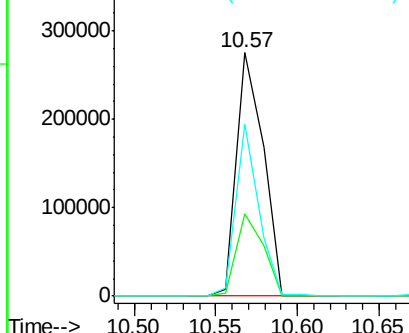


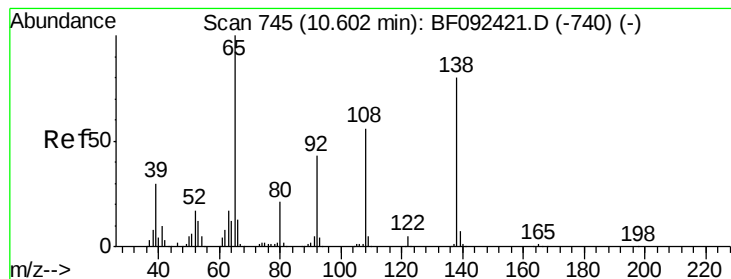
#60
4-Chlorophenyl-phenylether
Concen: 45.05 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.8	38.6
141	70.8	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: 40.09 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

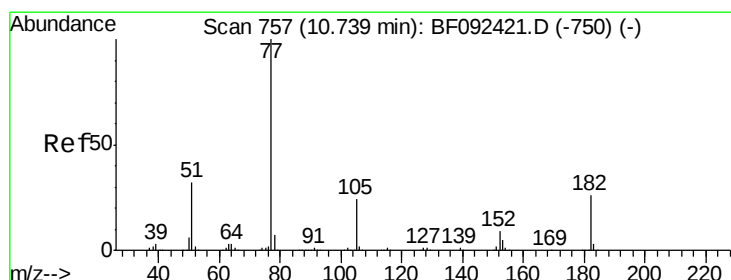
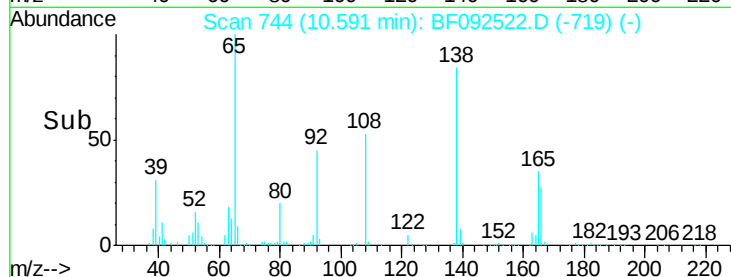
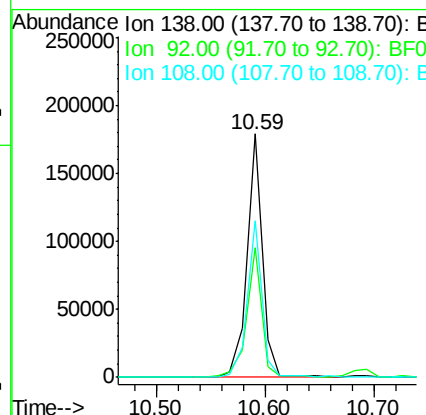
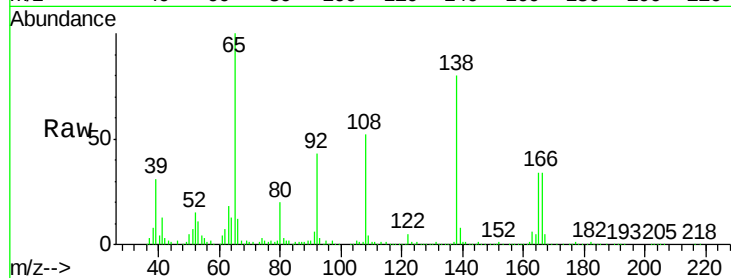
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	138	Resp:	171762
Ion Ratio	Lower	Upper	
138	100		
92	53.4	31.7	71.7
108	64.4	52.6	92.6

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#62

Azobenzene

Concen: 44.44 ng

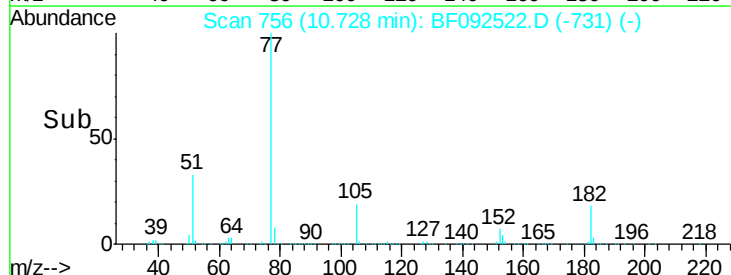
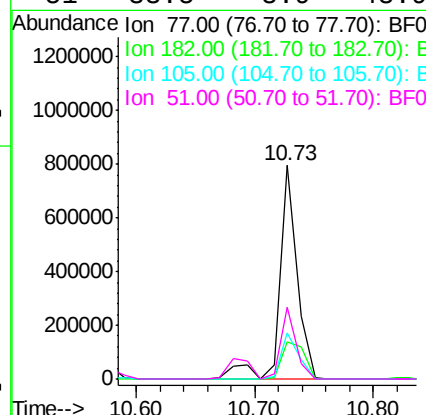
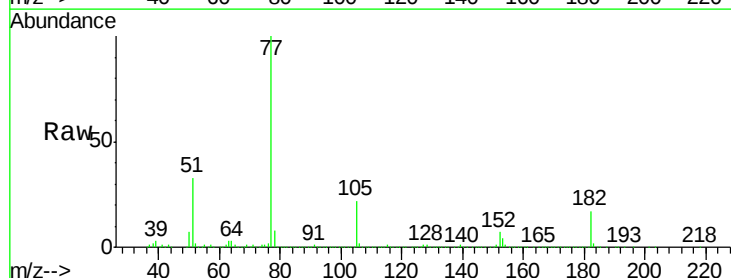
RT: 10.73 min Scan# 756

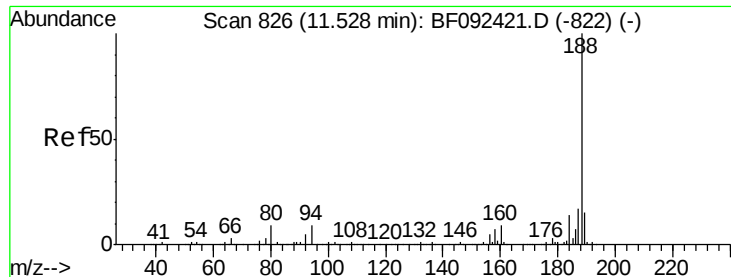
Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	77	Resp:	811287
Ion Ratio	Lower	Upper	
77	100		
182	17.4	0.0	39.3
105	21.7	2.3	42.3
51	33.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

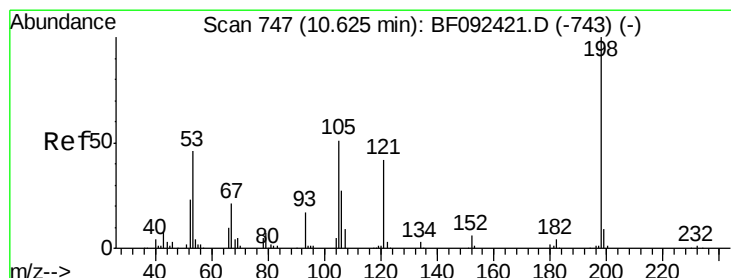
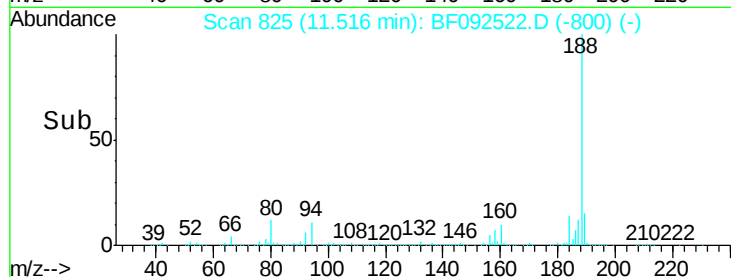
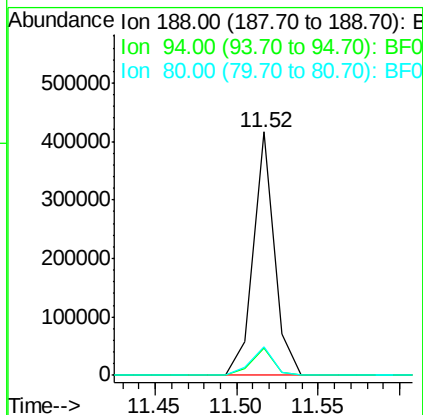
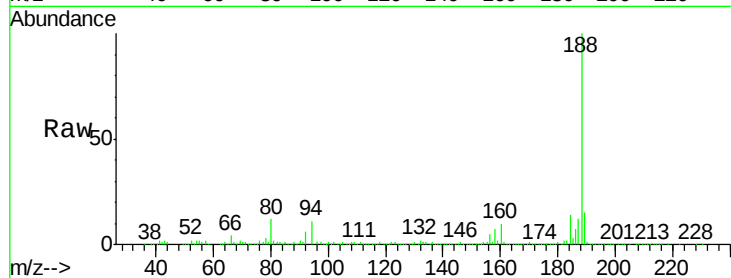
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	188	Resp:	375947
Ion Ratio	Lower	Upper	
188	100		
94	11.1	10.0	15.0
80	11.9	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 5.79 ng m

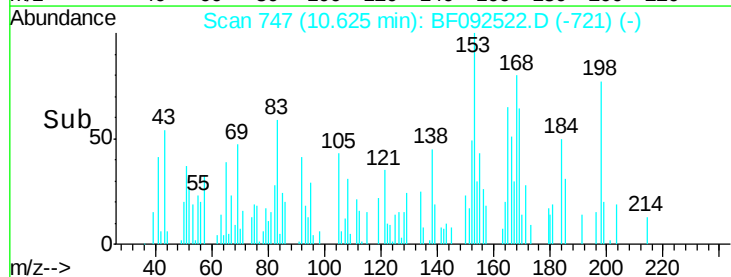
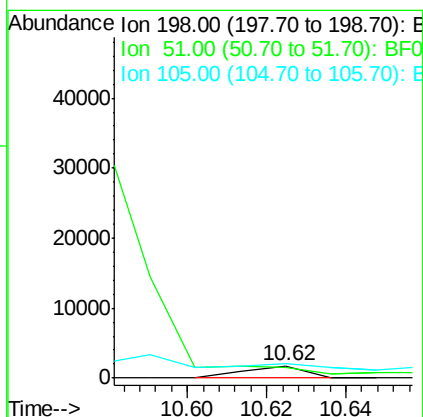
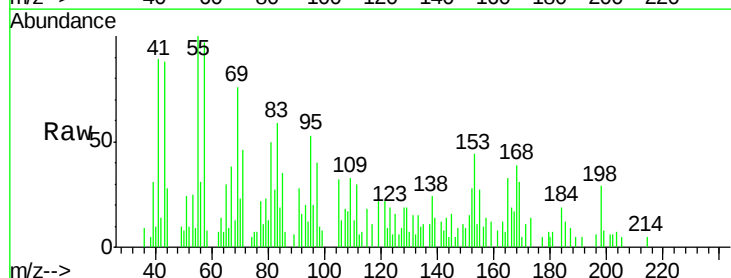
RT: 10.62 min Scan# 747

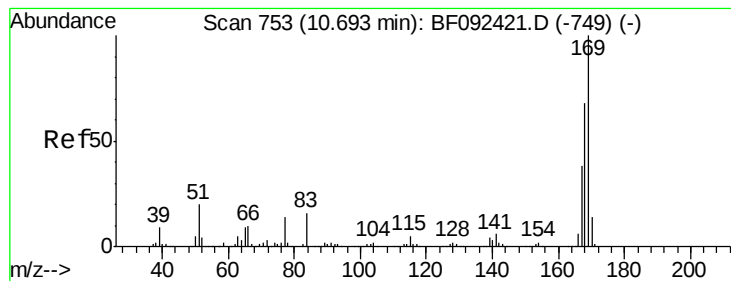
Delta R.T. 0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	198	Resp:	1886
Ion Ratio	Lower	Upper	
198	100		
51	81.7	6.7	46.7#
105	111.4	16.6	56.6#





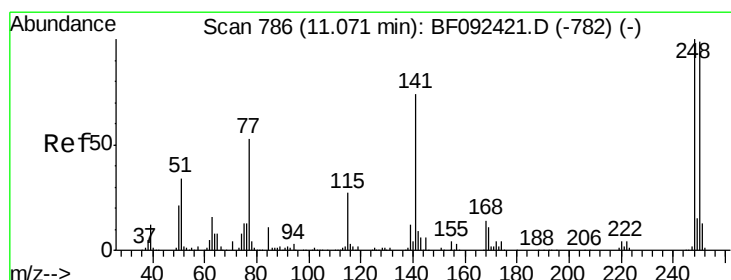
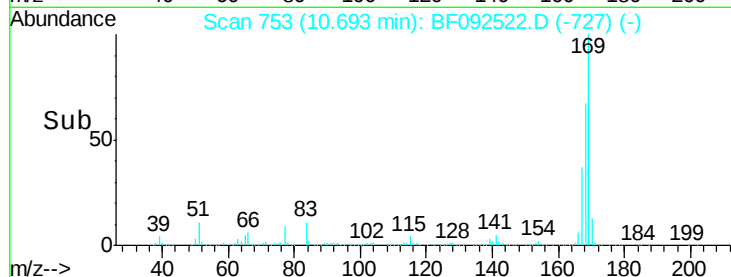
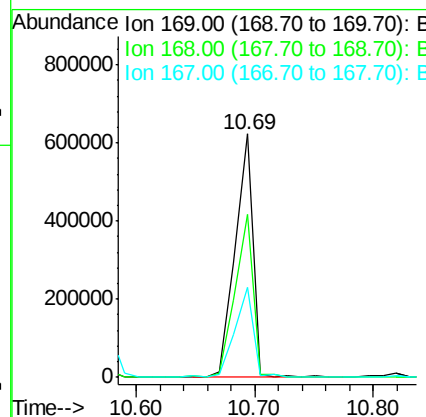
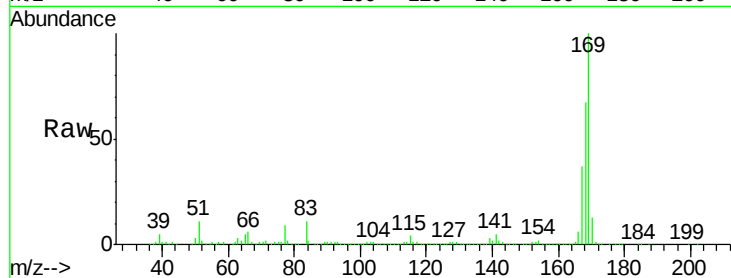
#65
 n-Nitrosodiphenylamine
 Concen: 55.32 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	649520		
168	66.7		54.2	81.2
167	37.0		30.2	45.4

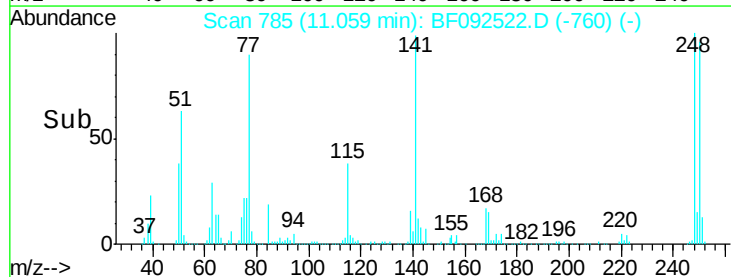
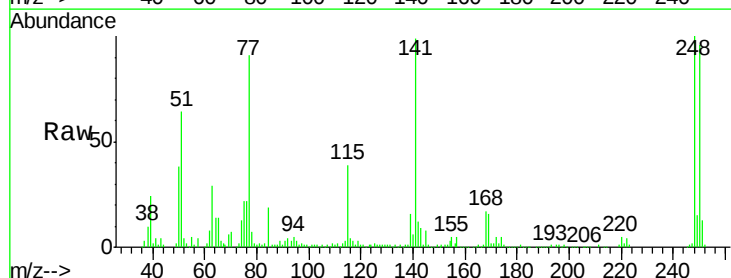
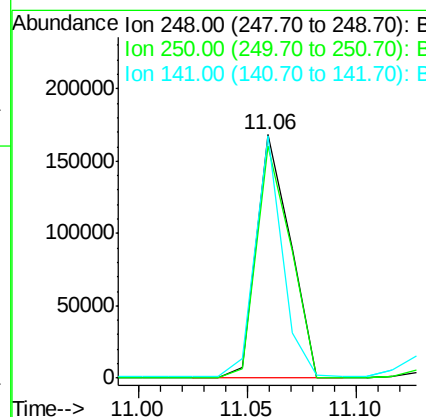
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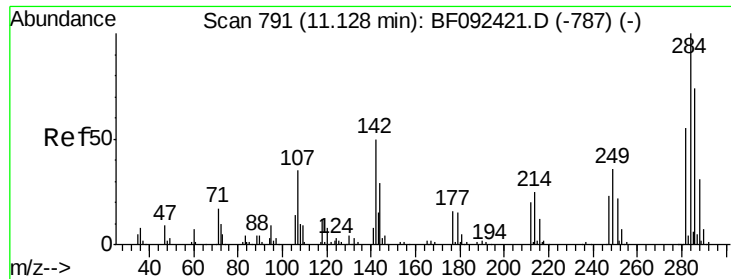
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#66
 4-Bromophenyl-phenylether
 Concen: 47.96 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	182037		
250	95.5		76.9	115.3
141	99.4		68.2	102.4





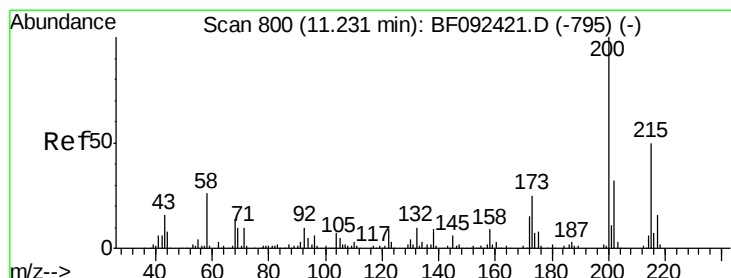
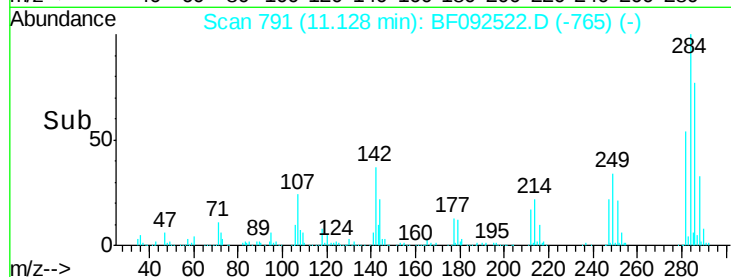
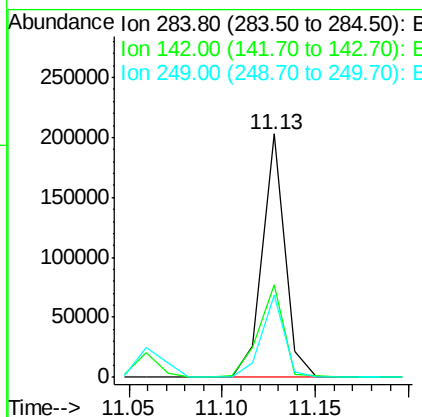
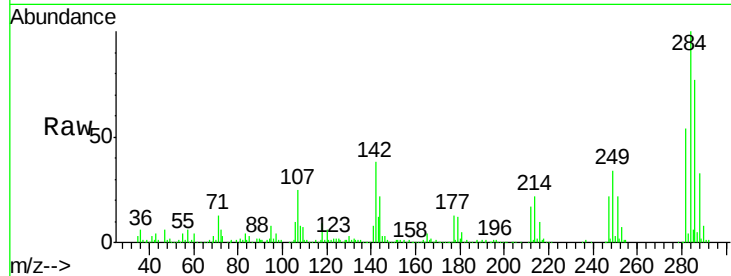
#67
Hexachlorobenzene
Concen: 44.98 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	172572		
142	37.8	22.6	33.8#	
249	33.9	25.4	38.0	

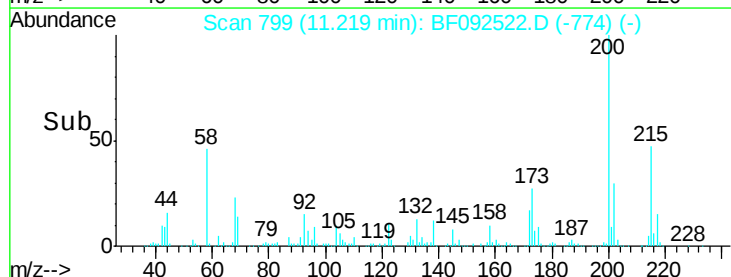
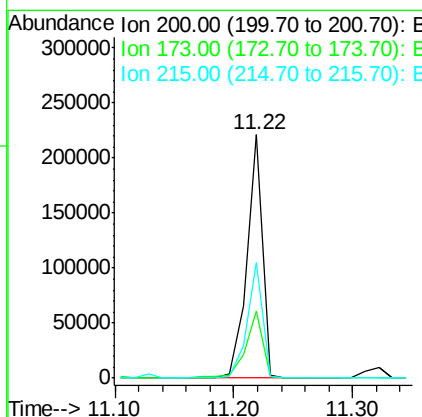
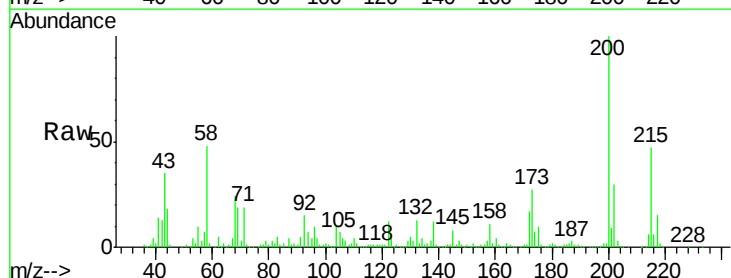
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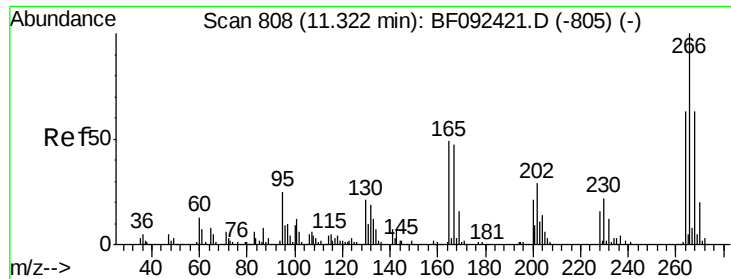
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#68
Atrazine
Concen: 50.71 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	203800		
173	27.4	9.6	49.6	
215	47.4	25.7	65.7	





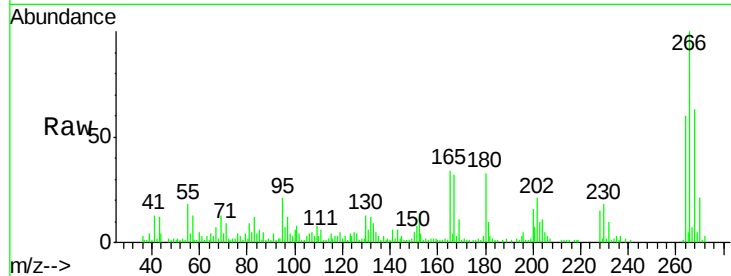
#69
 Pentachlorophenol
 Concen: 23.37 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

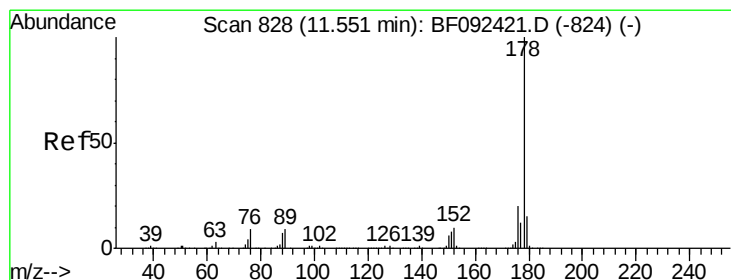
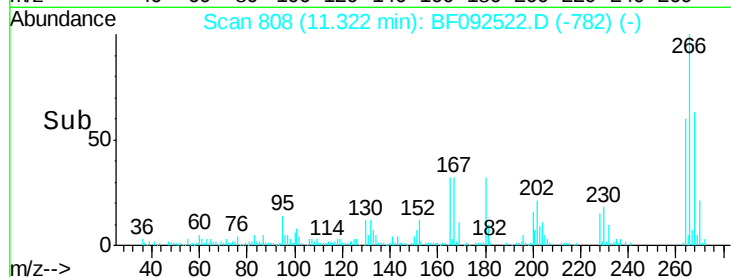
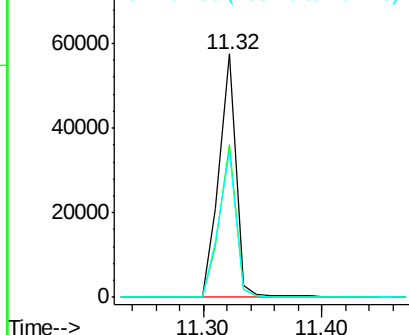
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	53.3	79.9
264	59.9	50.3	75.5

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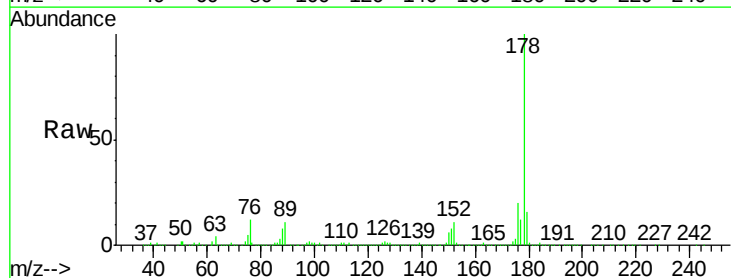


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

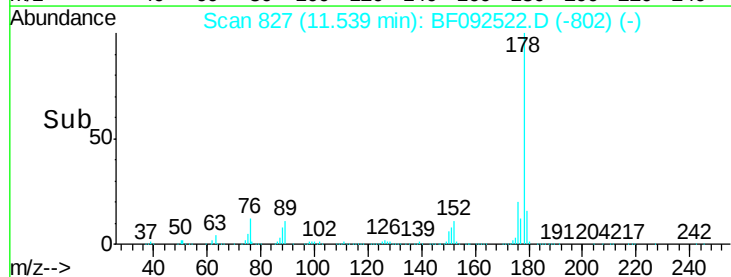
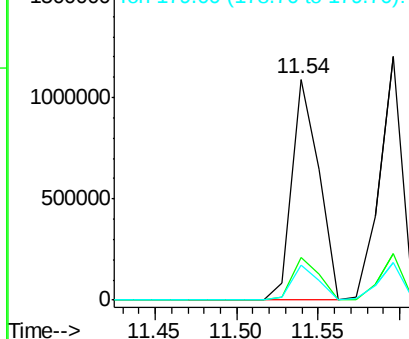


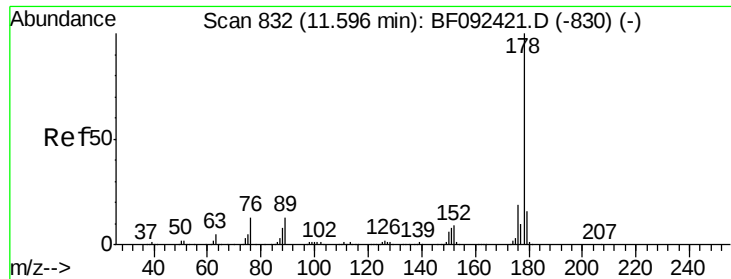
#70
 Phenanthrene
 Concen: 60.62 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	16.1	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





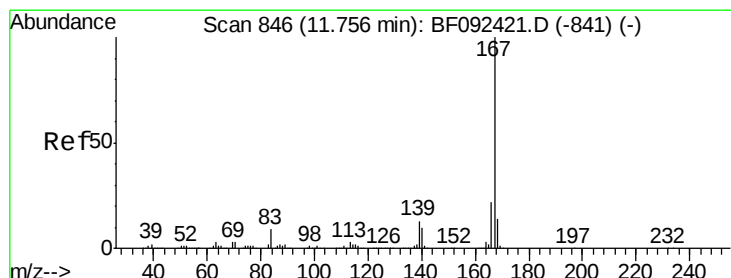
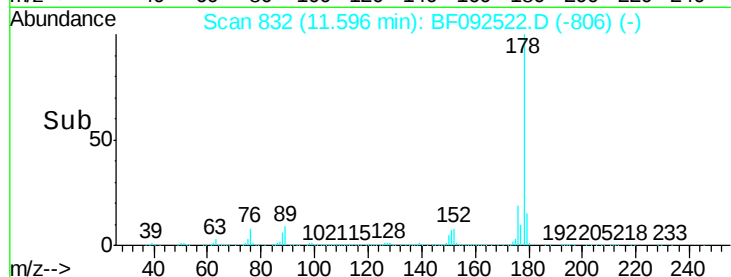
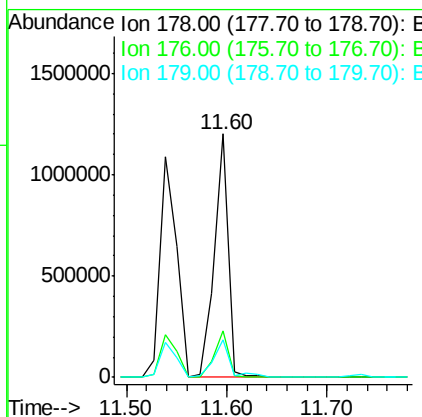
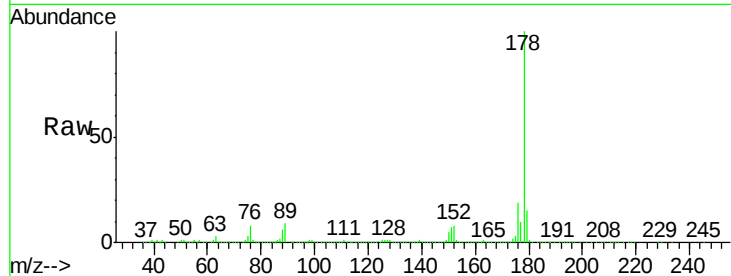
#71
 Anthracene
 Concen: 56.60 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tot Ion:178 Resp: 1145087
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.4 13.2 19.8

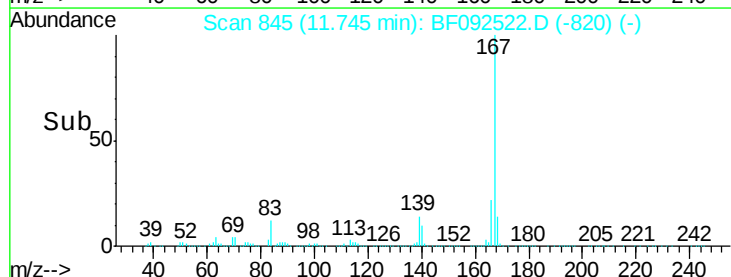
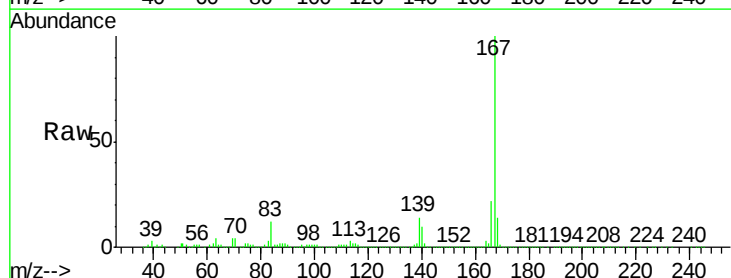
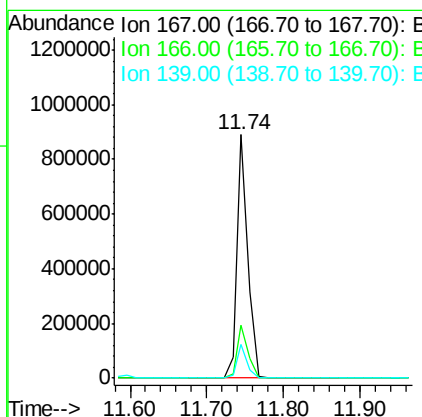
Manual Integrations
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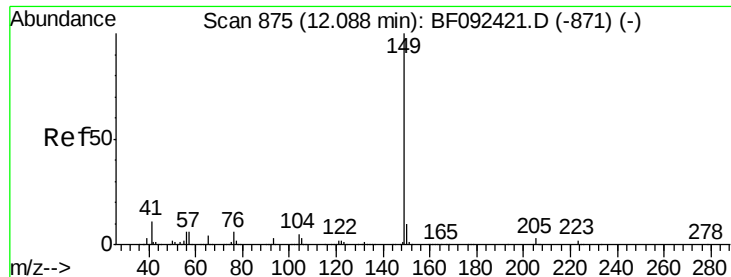
mohammad
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#72
 Carbazole
 Concen: 46.18 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:167 Resp: 892161
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 50.03 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:149 Resp: 1105196

Ion Ratio Lower Upper

149 100

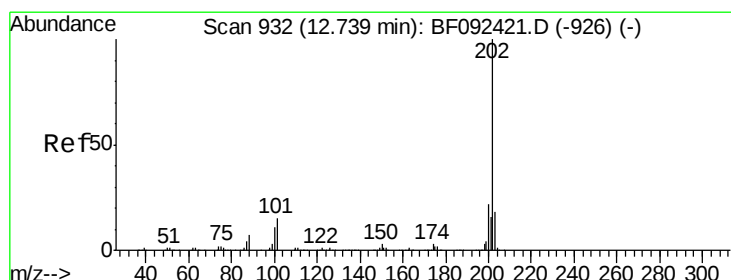
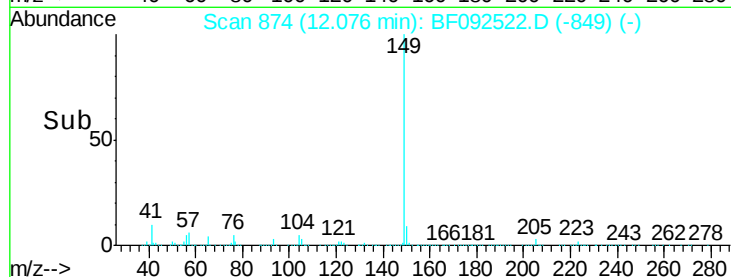
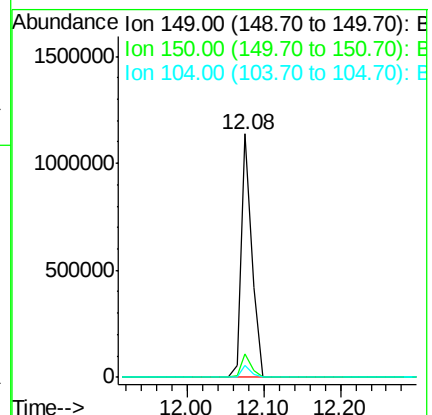
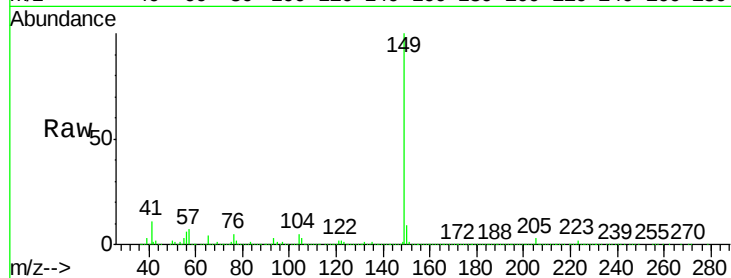
150 9.5 8.1 12.1

104 4.7 4.6 7.0

Manual Integrations
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#74

Fluoranthene

Concen: 95.96 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

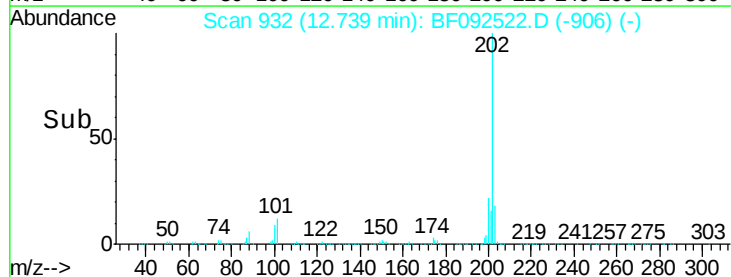
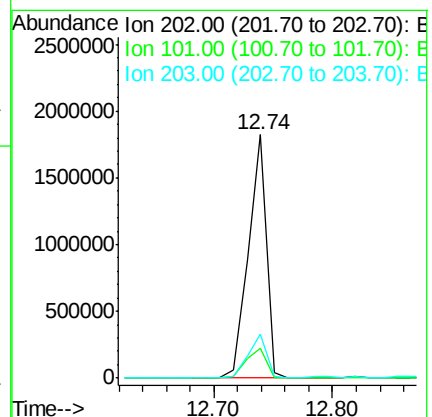
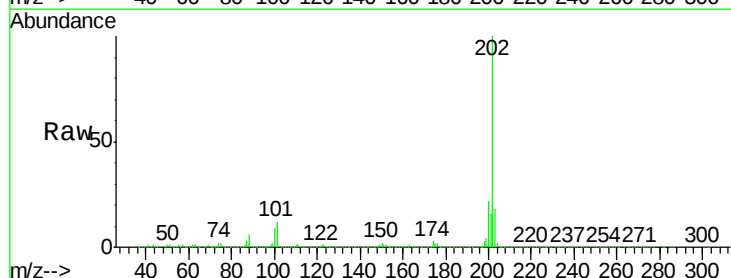
Tgt Ion:202 Resp: 1943221

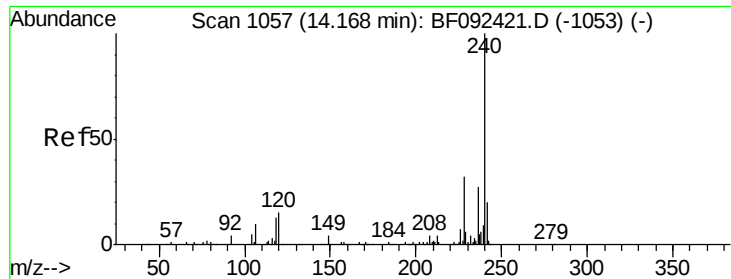
Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

203 18.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

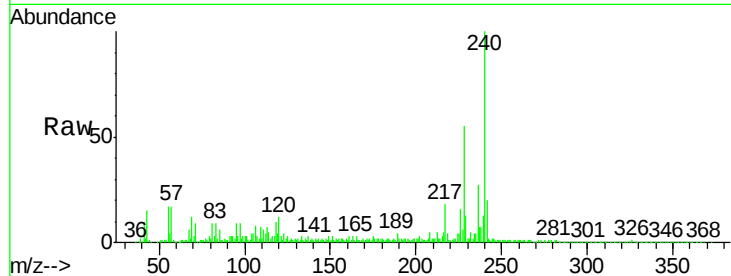
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.9	19.3#
236	26.7	20.9	31.3

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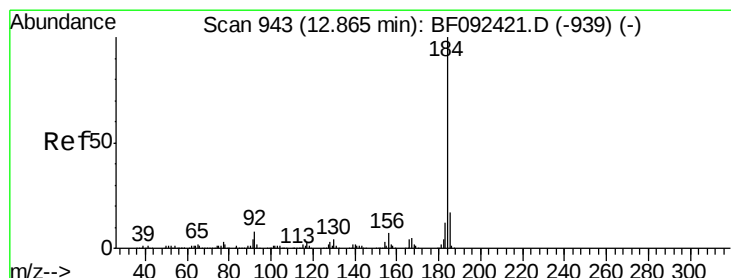
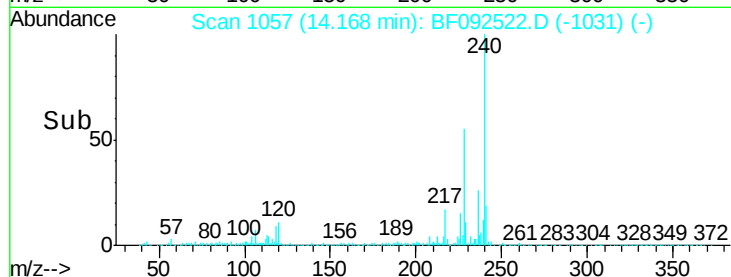
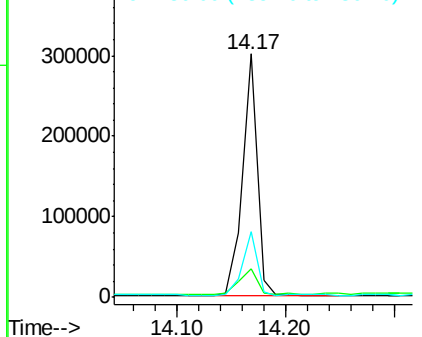


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.30 ng

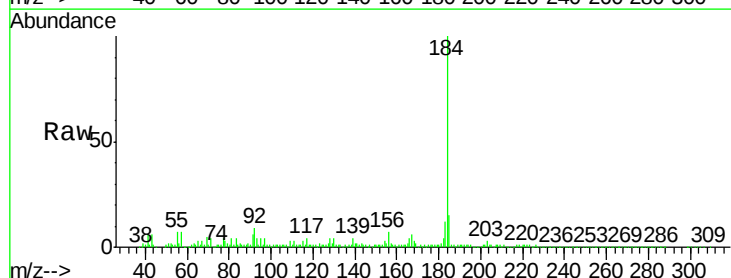
RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.0
183	11.9	9.2	13.8

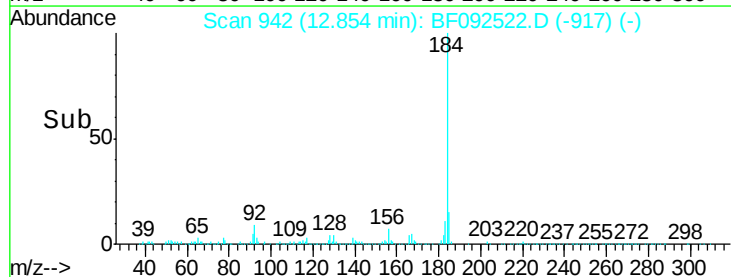
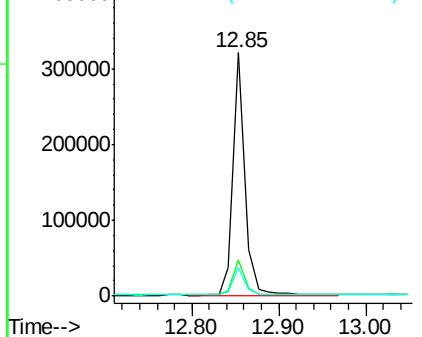


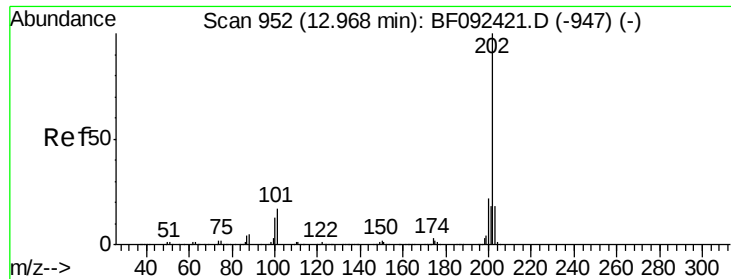
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





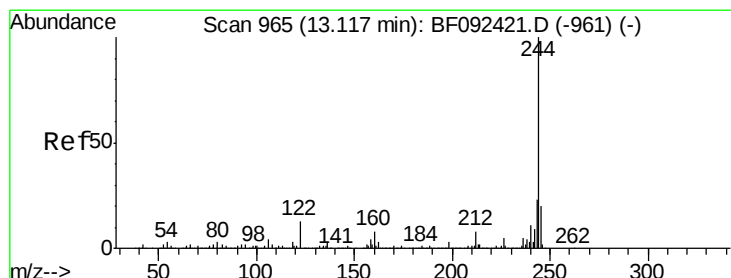
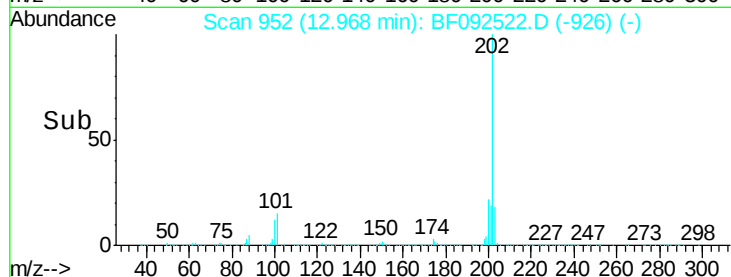
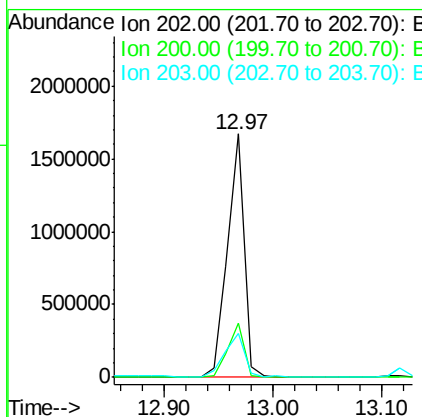
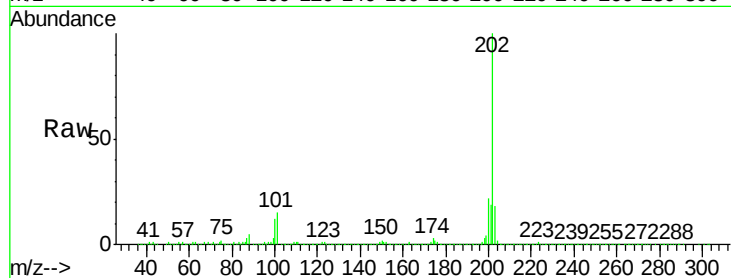
#77
Pvrene
Concen: 87.10 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.2	14.7	22.1

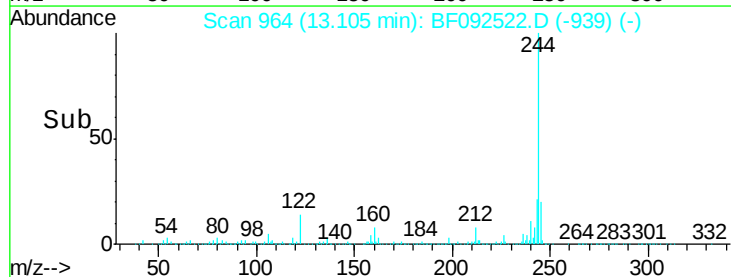
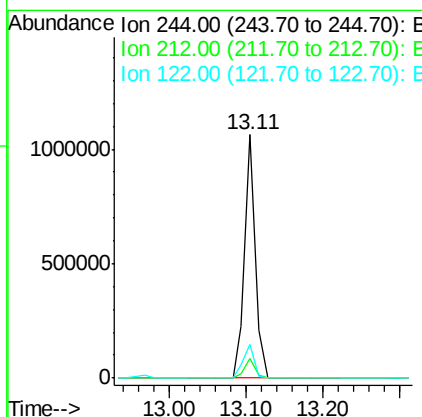
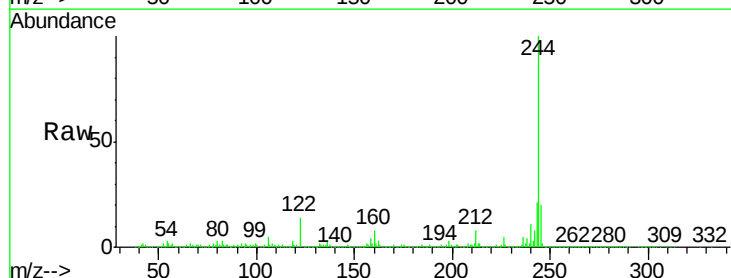
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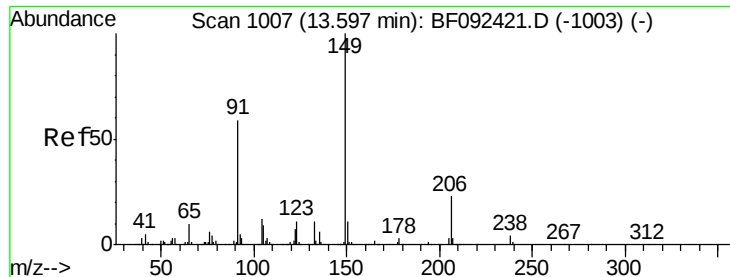
mohammad
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#78
Terphenyl-d14
Concen: 98.99 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.6	11.4	17.2





#79

Butylbenzylphthalate

Concen: 59.50 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

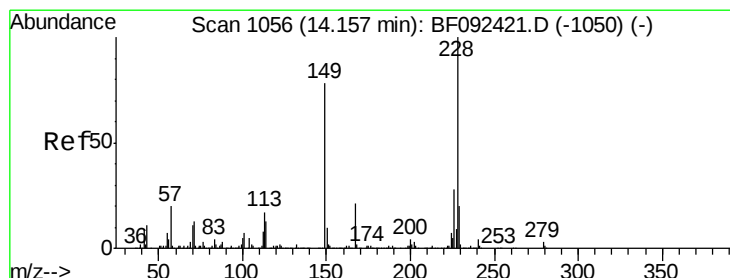
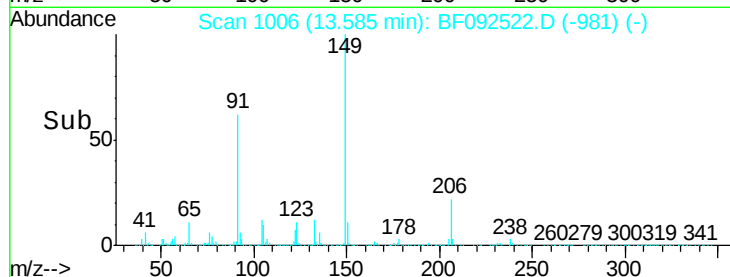
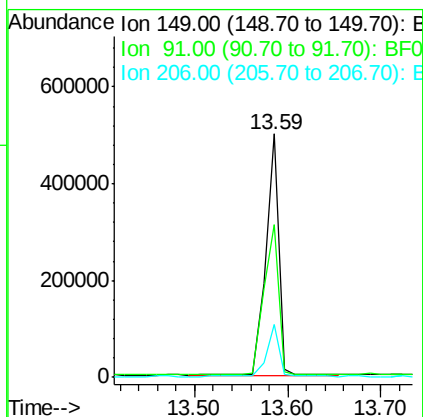
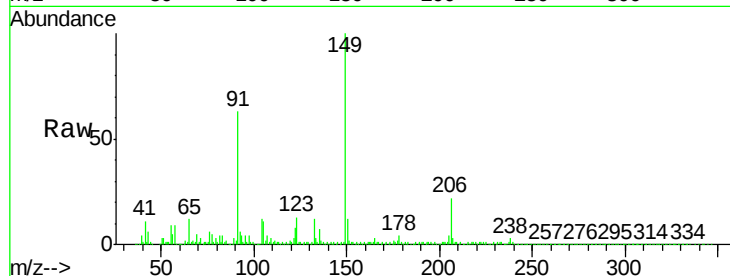
ClientSampleId :

CHA-SB-01-0-2MSD

Tot Ion:	149	Resp:	487863
Ion Ratio	Lower	Upper	
149	100		
91	62.9	63.9	95.9#
206	21.6	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 69.53 ng

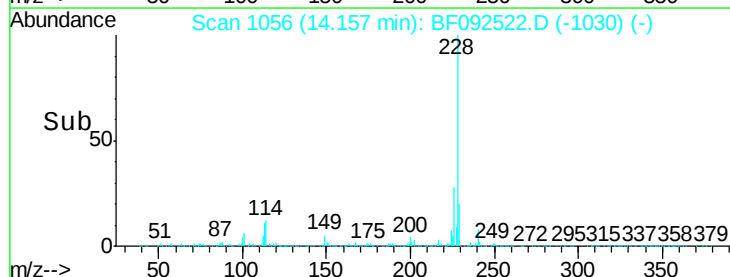
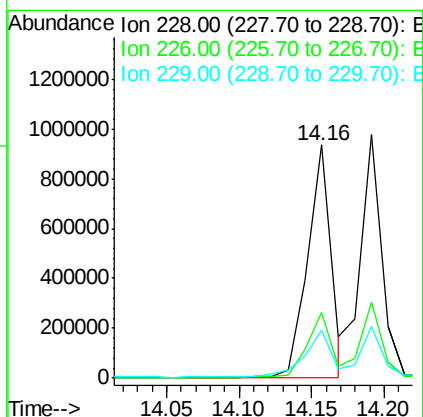
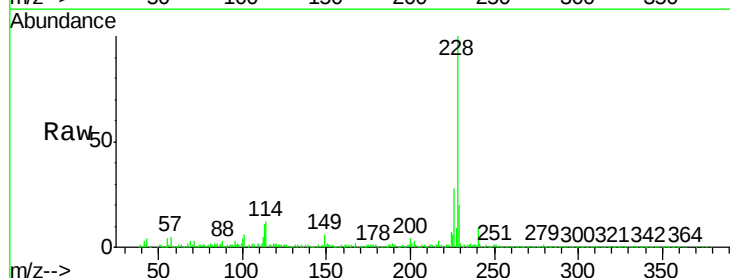
RT: 14.16 min Scan# 1056

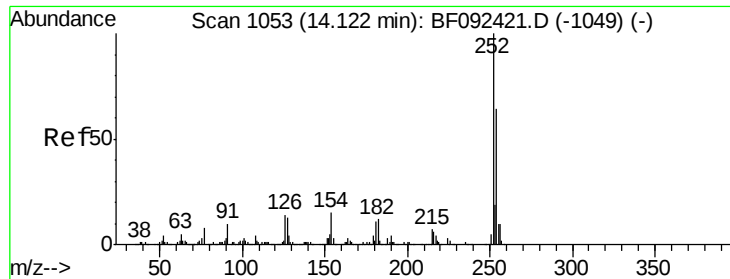
Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	228	Resp:	1043855
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	20.3	16.2	24.4





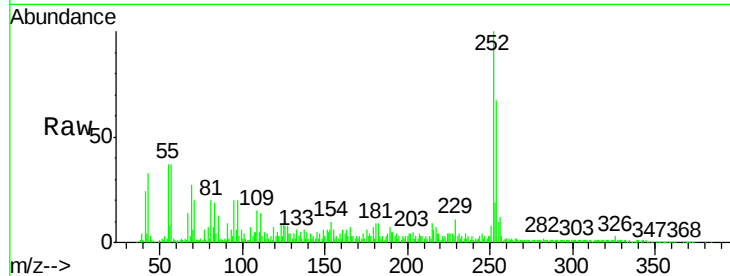
#81
 3,3'-Dichlorobenzidine
 Concen: 34.80 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

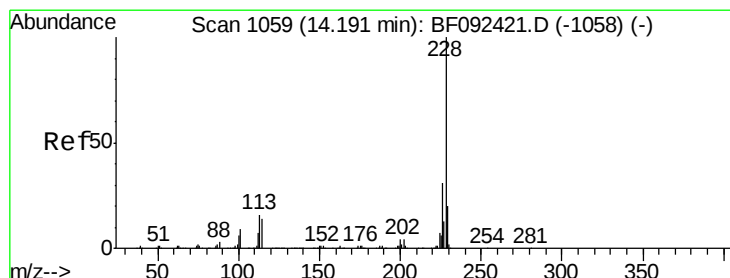
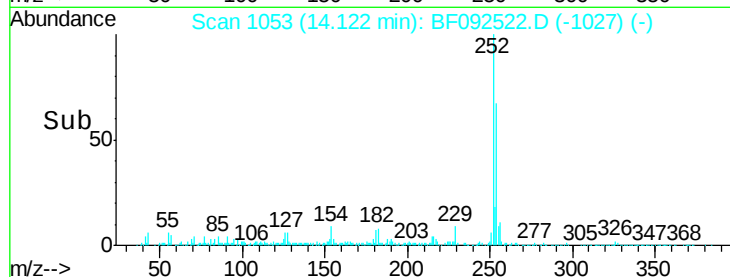
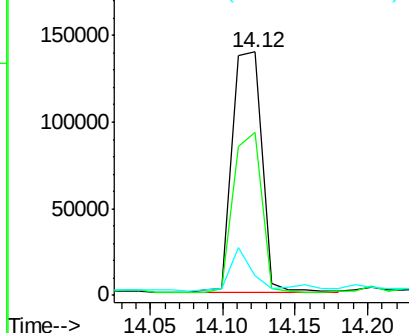
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.3	78.5
126	7.8	13.6	20.4

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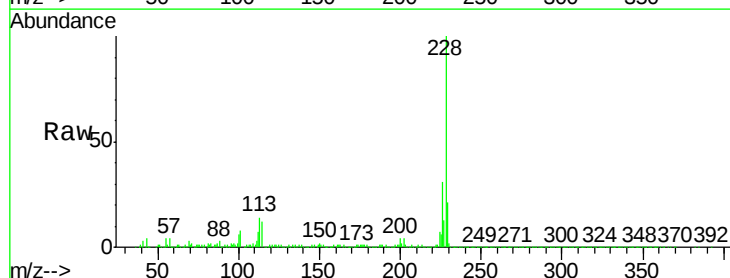


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

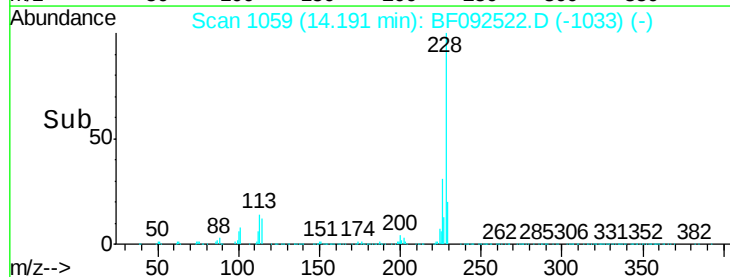
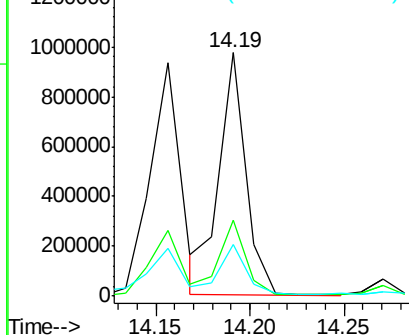


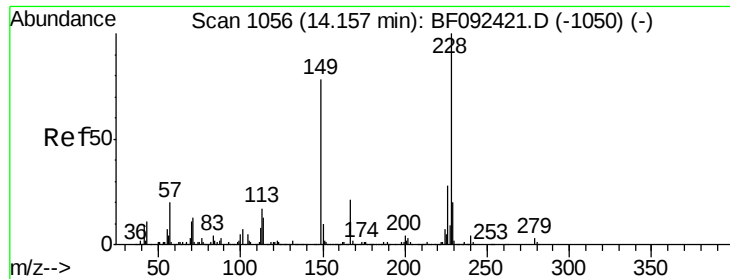
#82
 Chrysene
 Concen: 60.73 ng m
 RT: 14.19 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	21.1	16.2	24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.15 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

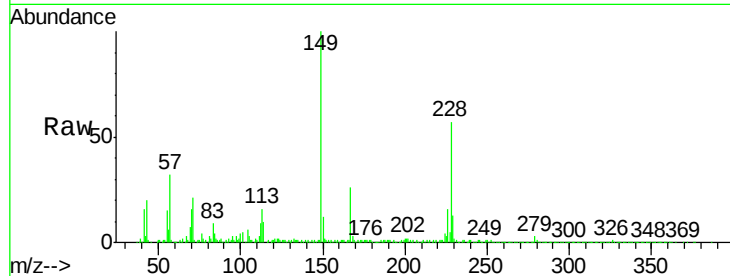
ClientSampleId :

CHA-SB-01-0-2MSD

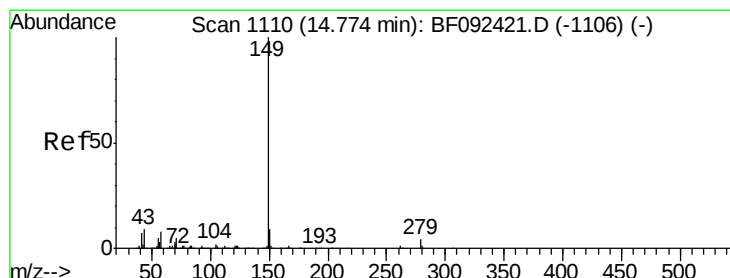
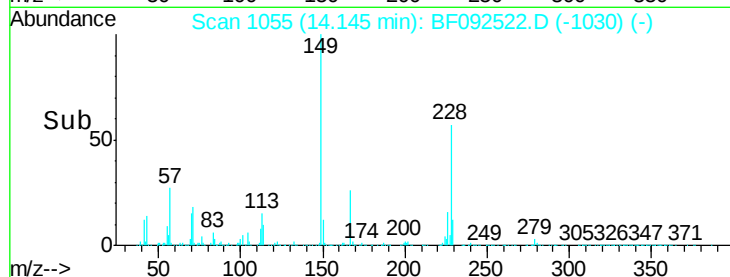
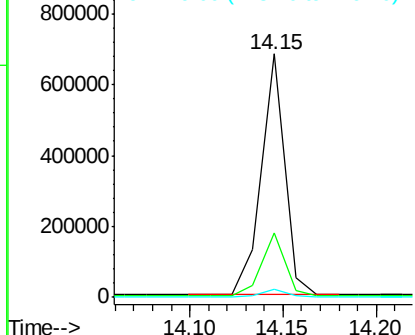
Tot Ion:	149	Resp:	590133
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.2	30.4
279	3.2	1.8	2.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.31 ng

RT: 14.76 min Scan# 1109

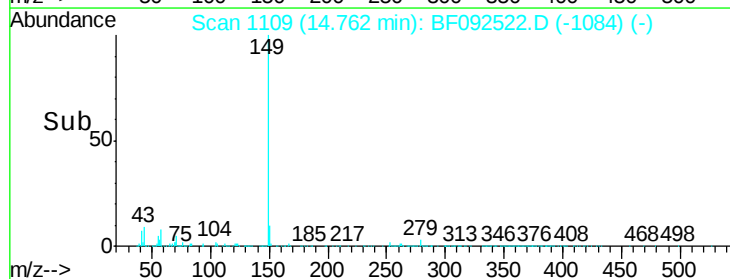
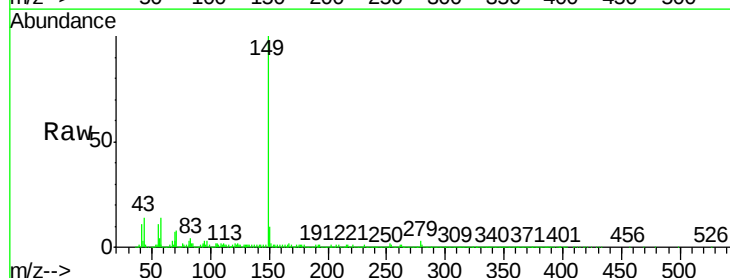
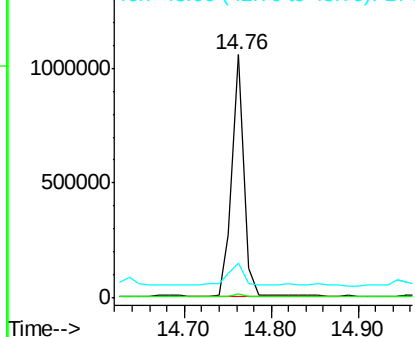
Delta R.T. -0.01 min

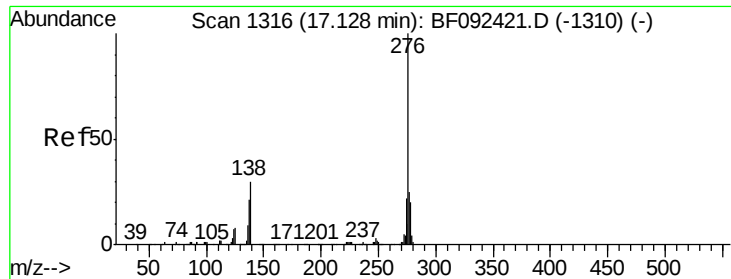
Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:	149	Resp:	999429
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	12.5	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.83 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

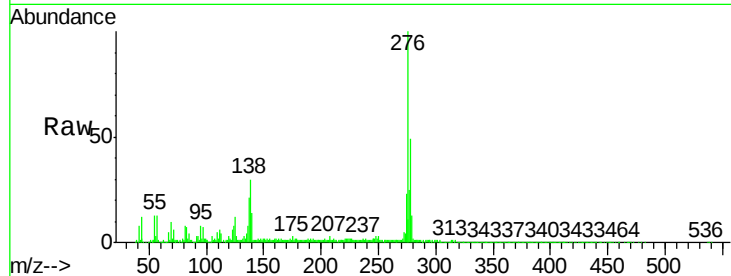
ClientSampleId :

CHA-SB-01-0-2MSD

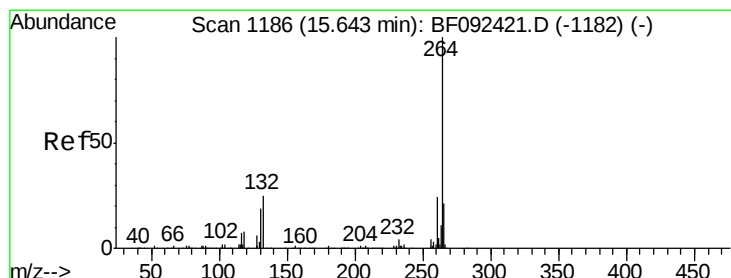
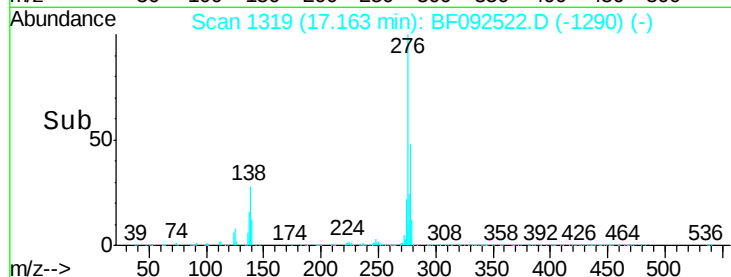
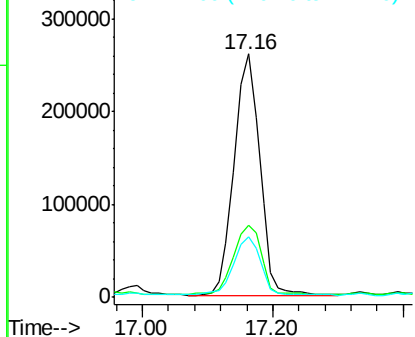
Tot Ion:	276	Resp:	709715
Ion Ratio	Lower	Upper	
276	100		
138	31.6	21.8	32.6
277	26.2	20.2	30.4

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



#86

Perylene-d12

Concen: 20.00 ng

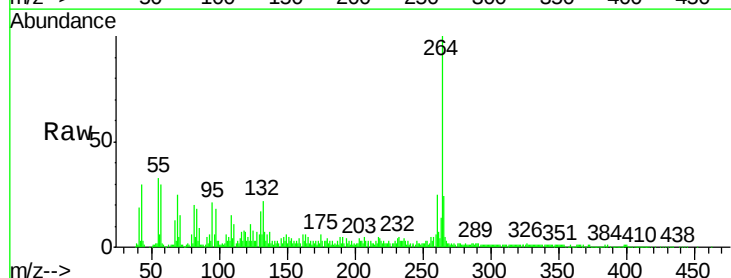
RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

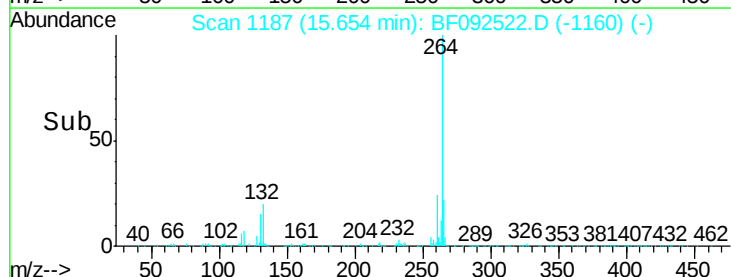
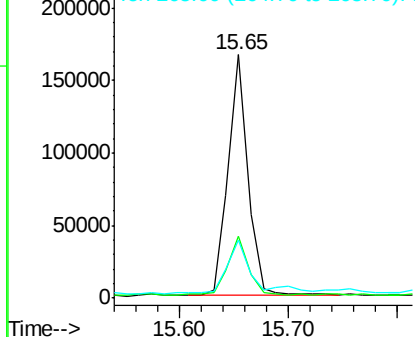
Lab File: BF092522.D

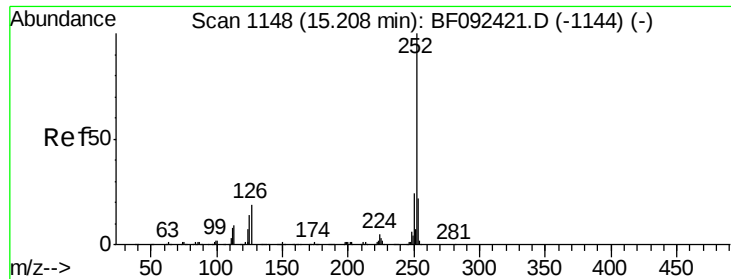
Acq: 26 Jan 2017 13:37

Tgt Ion:	264	Resp:	208459
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.2	28.8
265	23.8	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 71.97 ng m

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

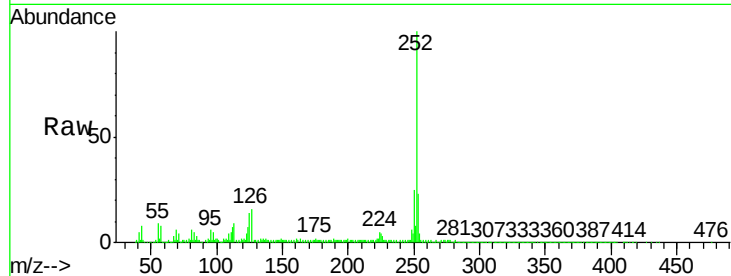
ClientSampleId :

CHA-SB-01-0-2MSD

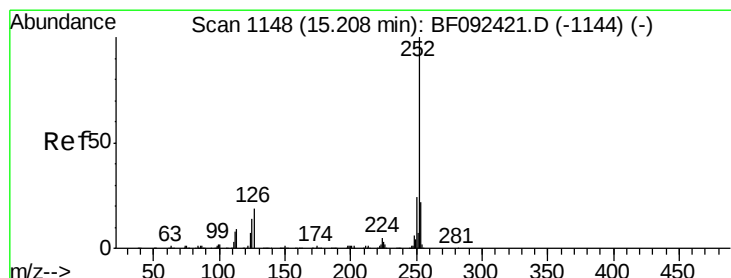
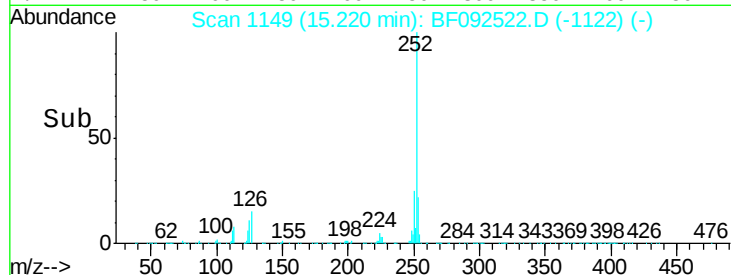
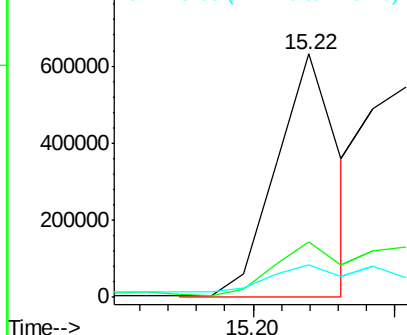
Tot Ion:	252	Resp:	963158
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	13.5	9.8	14.6

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



#88

Benzo(k)fluoranthene

Concen: 67.26 ng m

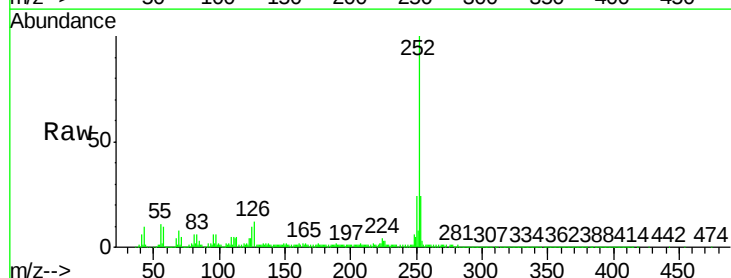
RT: 15.25 min Scan# 1152

Delta R.T. 0.01 min

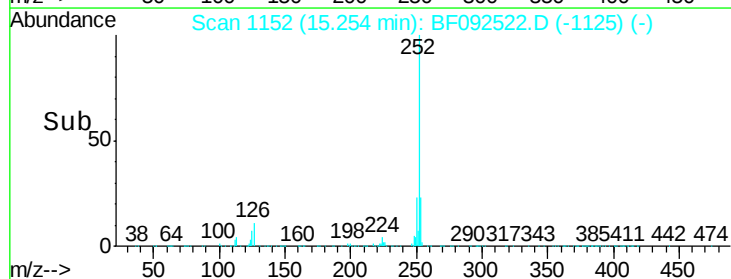
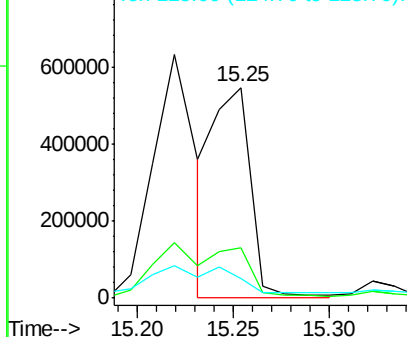
Lab File: BF092522.D

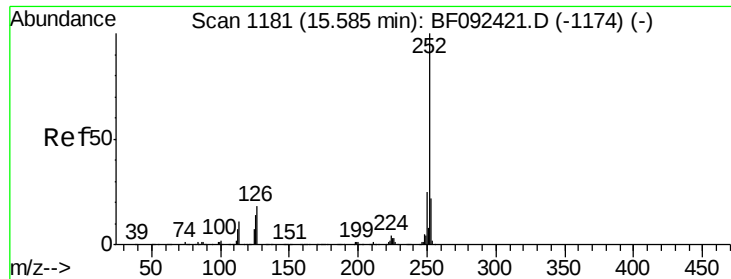
Acq: 26 Jan 2017 13:37

Tgt Ion:	252	Resp:	748459
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.5	27.7
125	9.6	8.9	13.3



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





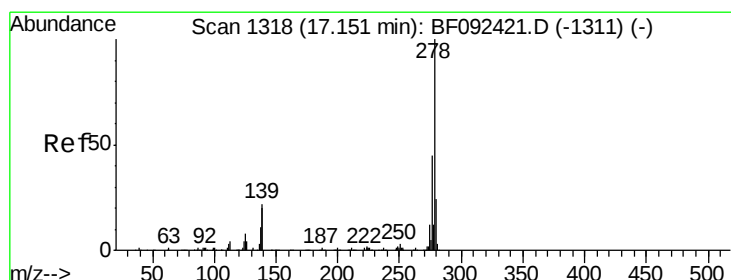
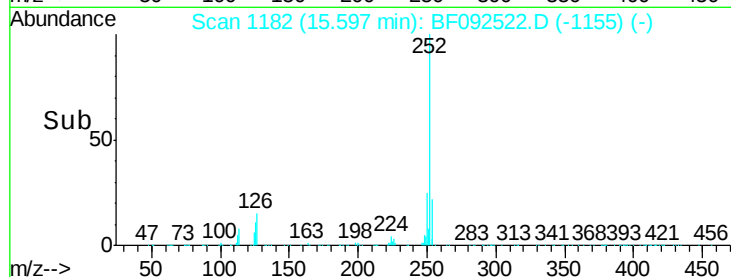
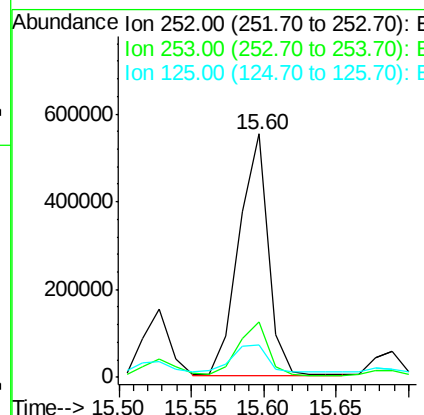
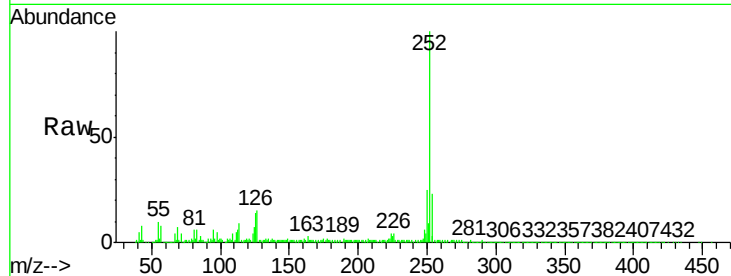
#89
Benzo(a)pyrene
Concen: 68.60 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.5	10.0	15.0

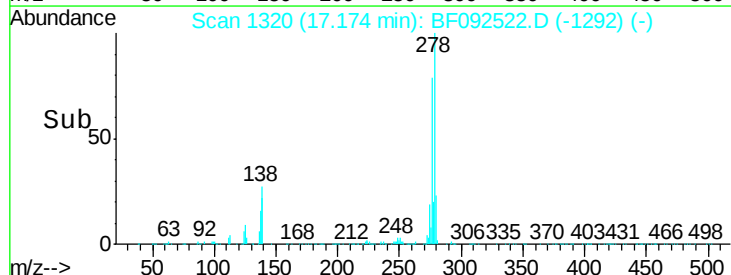
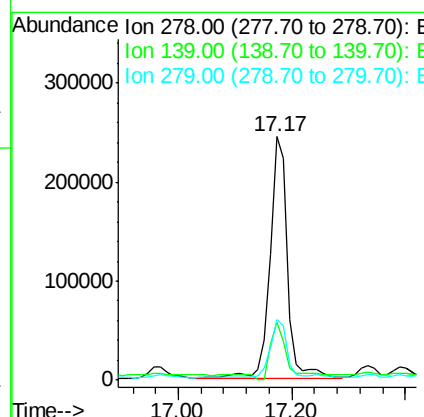
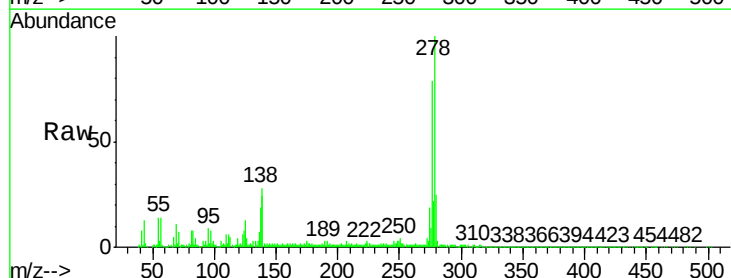
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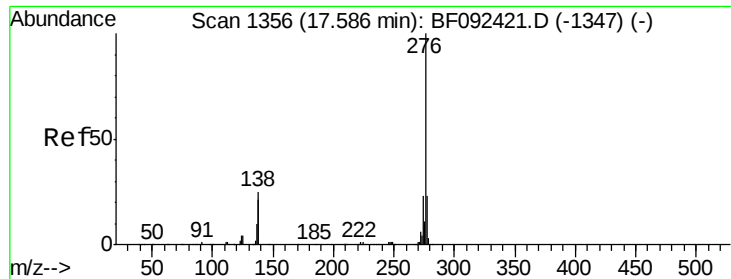
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#90
Dibenzo(a,h)anthracene
Concen: 57.35 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	14.8	22.2#
279	24.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 65.46 ng
 RT: 17.62 min Scan# 1359
 Delta R.T. 0.03 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	26.8	16.0	24.0

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