

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092689.D
 Acq On : 31 Jan 2017 19:02
 Operator : SJ/MA
 Sample : I1588-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Manual Integrations
 APPROVED

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 2/1/2017 2:27:34 PM

Quant Time: Feb 01 00:42:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148568	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	578484	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	296431	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	496292	20.00	ng	0.00
75) Chrysene-d12	14.13	240	359851	20.00	ng	-0.01
86) Perylene-d12	15.60	264	310609	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	950755	109.79	ng	0.00
7) Phenol-d6	6.59	99	1265476	113.57	ng	-0.01
23) Nitrobenzene-d5	7.52	82	967586	93.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	285814	133.31	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1643119	100.42	ng	-0.01
78) Terphenyl-d14	13.07	244	1402609	91.58	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	194925	41.66	ng	# 72
3) Pyridine	3.47	79	512190	43.05	ng	# 84
4) n-Nitrosodimethylamine	3.41	42	270161	48.36	ng	# 84
6) Aniline	6.61	93	248414	16.34	ng	# 77
8) 2-Chlorophenol	6.74	128	447113	46.80	ng	98
9) Benzaldehyde	6.50	77	124965	15.65	ng	93
10) Phenol	6.60	94	396260	30.40	ng	92
11) bis(2-Chloroethyl)ether	6.68	93	438948	42.19	ng	90
12) 1,3-Dichlorobenzene	6.89	146	487373m	43.56	ng	
13) 1,4-Dichlorobenzene	6.97	146	517953	45.73	ng	96
14) 1,2-Dichlorobenzene	7.12	146	446296	41.21	ng	97
15) Benzyl Alcohol	7.09	79	401907	48.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	860191	47.58	ng	94
17) 2-Methylphenol	7.21	107	374593	45.71	ng	97
18) Hexachloroethane	7.46	117	170744	44.16	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	339636	47.88	ng	97
20) 3+4-Methylphenols	7.37	107	445855	45.50	ng	97
22) Acetophenone	7.36	105	639097	48.39	ng	# 93
24) Nitrobenzene	7.54	77	546727	51.26	ng	# 88
25) Isophorone	7.78	82	954469	49.31	ng	99
26) 2-Nitrophenol	7.85	139	239810	47.30	ng	# 89
27) 2,4-Dimethylphenol	7.89	122	396552	44.53	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	566107	44.16	ng	99
29) 2,4-Dichlorophenol	8.10	162	385485	46.42	ng	91
30) 1,2,4-Trichlorobenzene	8.18	180	403025	45.03	ng	96
31) Naphthalene	8.26	128	1248086	42.56	ng	99
32) Benzoic acid	8.02	122	234074	46.63	ng	97
33) 4-Chloroaniline	8.30	127	132673	11.54	ng	96
34) Hexachlorobutadiene	8.37	225	200664	40.75	ng	99
35) Caprolactam	8.68	113	104879m	40.15	ng	
36) 4-Chloro-3-methylphenol	8.81	107	411108	47.48	ng	93
37) 2-Methylnaphthalene	8.96	142	852538	45.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	385235	46.30	ng	99
40) Hexachlorocyclopentadiene	9.10	237	285088	75.94	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	273943	50.10	nq	93
43) 2,4,5-Trichlorophenol	9.29	196	282850	47.21	nq #	81
45) 1,1'-Biphenyl	9.42	154	1094571	50.99	nq	99
46) 2-Chloronaphthalene	9.45	162	805696	47.98	nq	98
47) 2-Nitroaniline	9.54	65	244239	43.26	nq	95
48) Acenaphthylene	9.86	152	1240207	42.76	nq	99
49) Dimethylphthalate	9.72	163	883160	44.23	nq	99
50) 2,6-Dinitrotoluene	9.79	165	217003	50.33	nq #	86
51) Acenaphthene	10.03	154	790060	45.56	nq	97
52) 3-Nitroaniline	9.95	138	81620	16.54	nq	93
53) 2,4-Dinitrophenol	10.06	184	177444	80.84	nq #	87
54) Dibenzofuran	10.21	168	1143349	49.29	nq #	89
55) 4-Nitrophenol	10.13	139	304284	85.61	nq	91
56) 2,4-Dinitrotoluene	10.19	165	260961	45.46	nq	98
57) Fluorene	10.56	166	856270	47.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	209591	52.44	nq	98
59) Diethylphthalate	10.42	149	911183	48.42	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	408081	47.60	nq #	82
61) 4-Nitroaniline	10.58	138	221469	43.82	nq	81
62) Azobenzene	10.70	77	1010811	52.00	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	130255	43.39	nq	91
65) n-Nitrosodiphenylamine	10.66	169	718758	45.34	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	247335	47.70	nq #	87
67) Hexachlorobenzene	11.10	284	240083	46.86	nq #	86
68) Atrazine	11.20	200	262872	51.67	nq	93
69) Pentachlorophenol	11.30	266	228137	85.69	nq	98
70) Phenanthrene	11.52	178	1270335	44.68	nq	99
71) Anthracene	11.56	178	1279070	44.80	nq	99
72) Carbazole	11.72	167	1072253	39.28	nq	99
73) Di-n-butylphthalate	12.05	149	1417027	48.00	nq #	96
74) Fluoranthene	12.71	202	1322604	45.10	nq	97
76) Benzidine	12.82	184	249855	16.29	nq	97
77) Pyrene	12.93	202	1339918	49.76	nq	99
79) Butylbenzylphthalate	13.55	149	637063	58.25	nq #	75
80) Benzo(a)anthracene	14.12	228	1034870	47.02	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	136045	17.34	nq #	98
82) Chrysene	14.16	228	996423	48.35	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	778188	52.03	nq	98
84) Di-n-octyl phthalate	14.72	149	1298137	53.30	nq	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	877087	54.95	nq	95
87) Benzo(b)fluoranthene	15.16	252	1058971m	51.80	nq	
88) Benzo(k)fluoranthene	15.20	252	665164m	37.68	nq	
89) Benzo(a)pyrene	15.53	252	828115	46.83	nq #	97
90) Dibenzo(a,h)anthracene	17.08	278	726799	50.85	nq	96
91) Benzo(g,h,i)perylene	17.52	276	754261	52.24	nq #	92

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

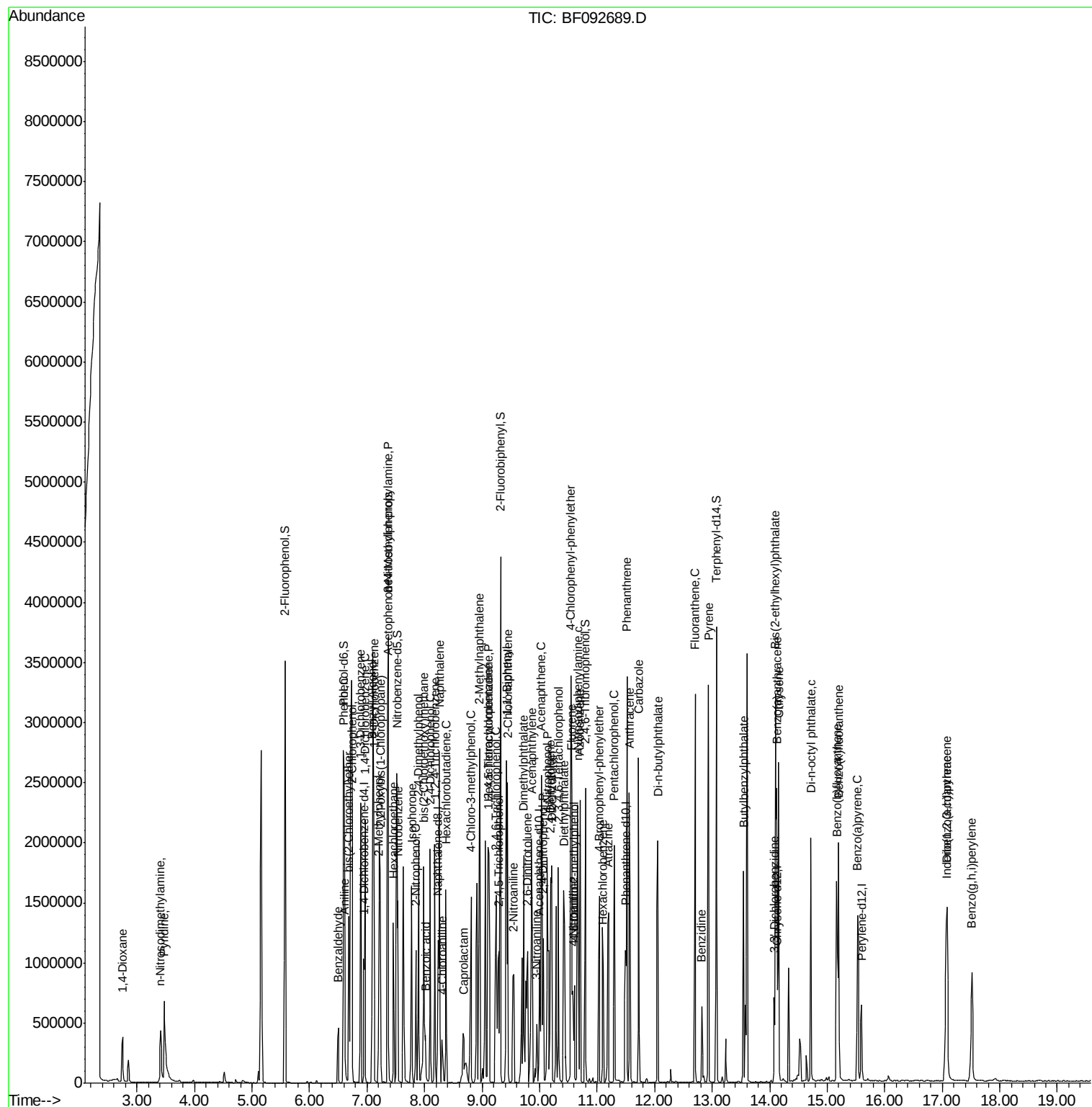
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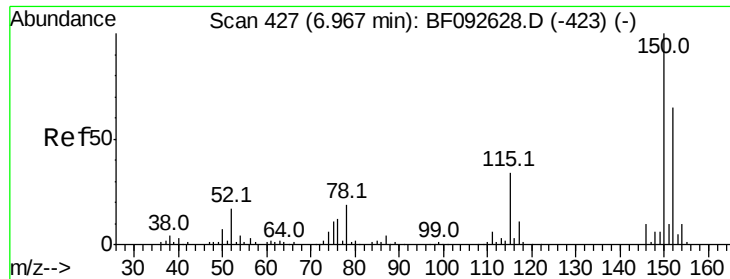
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

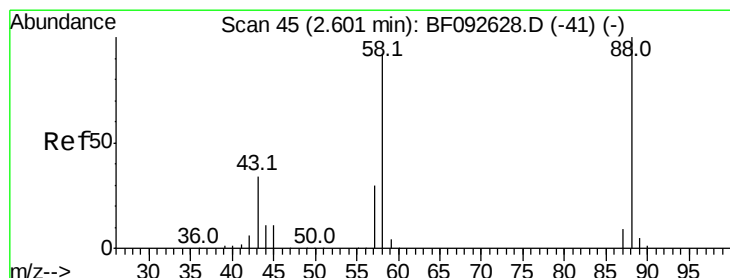
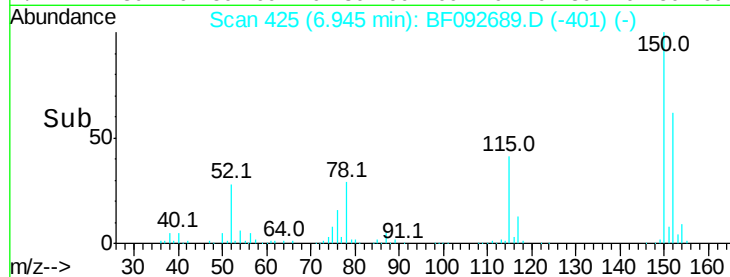
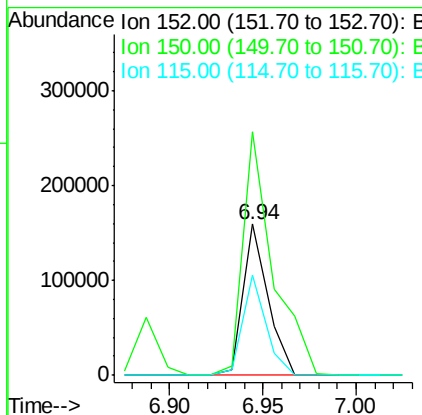
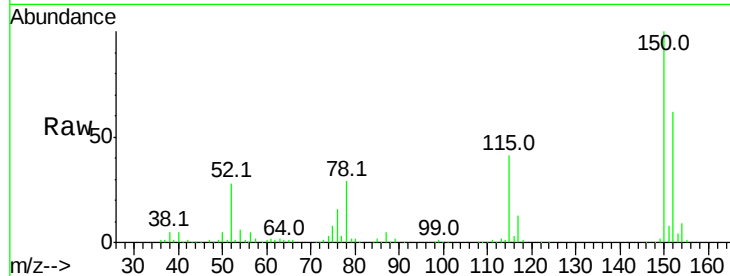
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	152	Resp:	148568
Ion Ratio	Lower	Upper	
152	100		
150	161.3	124.9	187.3
115	66.3	46.0	69.0

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#2

1,4-Dioxane

Concen: 41.66 ng

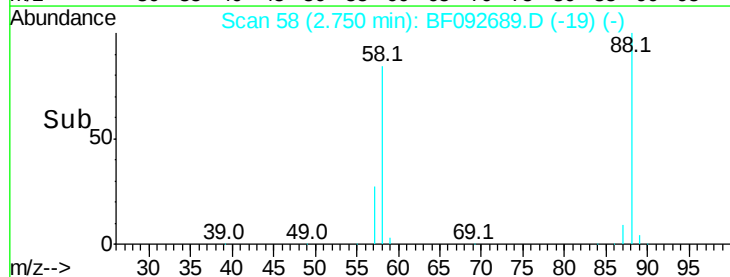
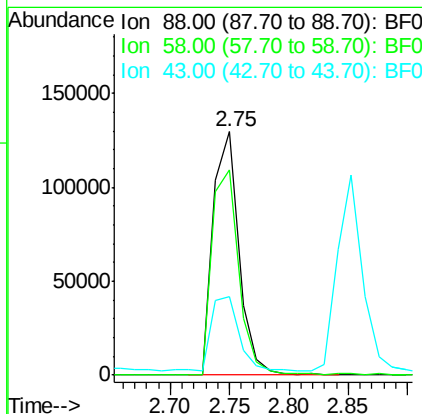
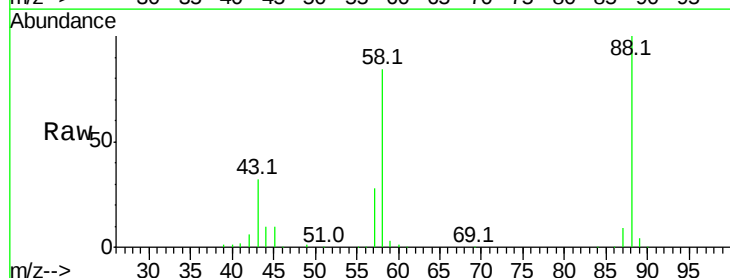
RT: 2.75 min Scan# 58

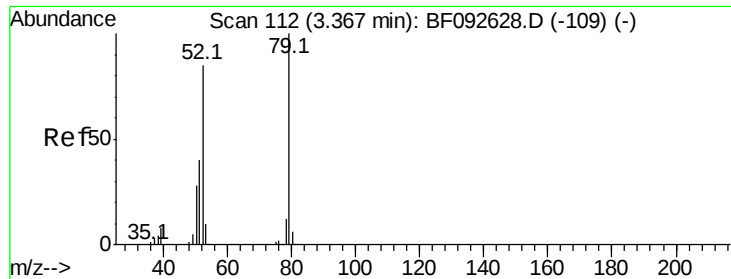
Delta R.T. 0.15 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	88	Resp:	194925
Ion Ratio	Lower	Upper	
88	100		
58	88.0	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 43.05 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.10 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

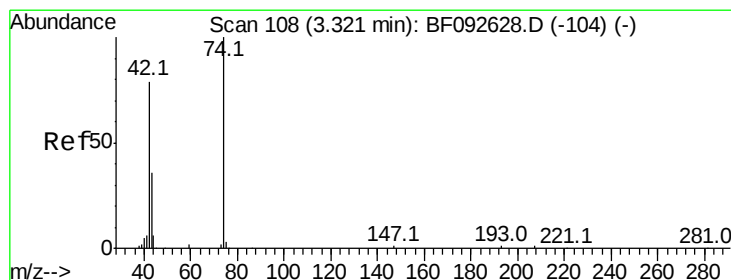
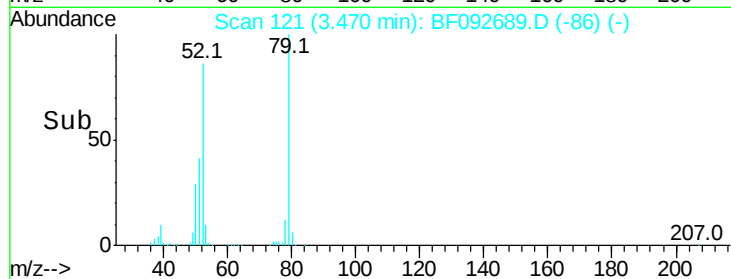
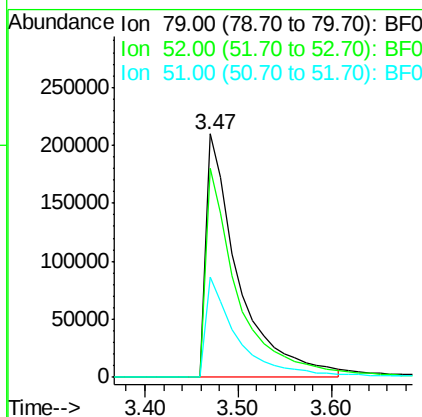
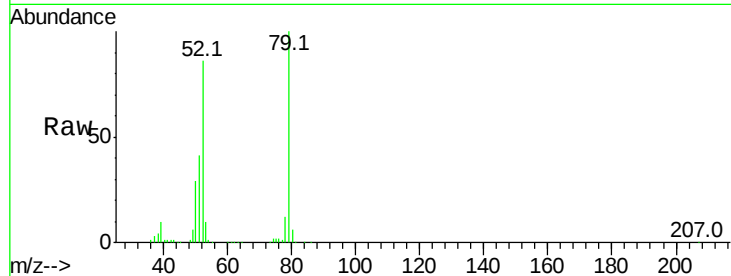
WC-B15-B21-001MSD

Tot Ion: 79 Resp: 512190

Ion	Ratio	Lower	Upper
79	100		
52	86.0	57.1	85.7#
51	40.9	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 48.36 ng

RT: 3.41 min Scan# 116

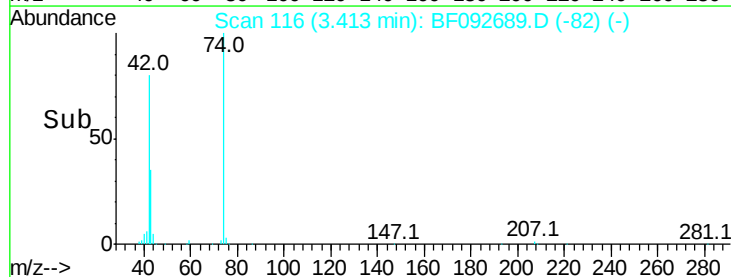
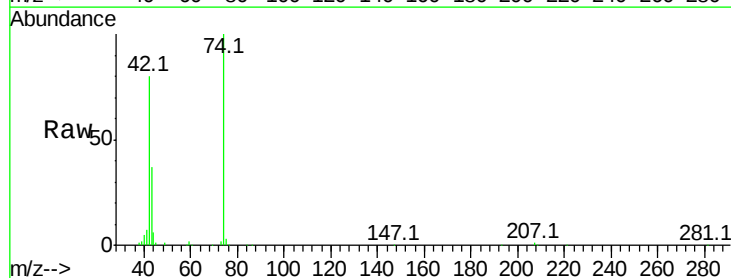
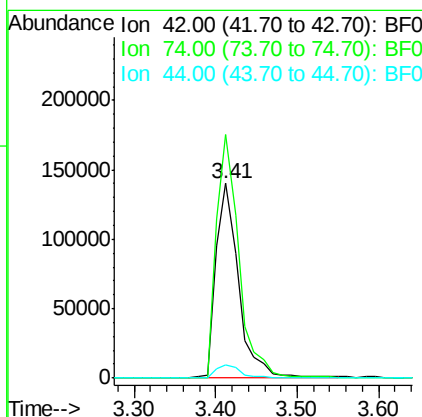
Delta R.T. 0.09 min

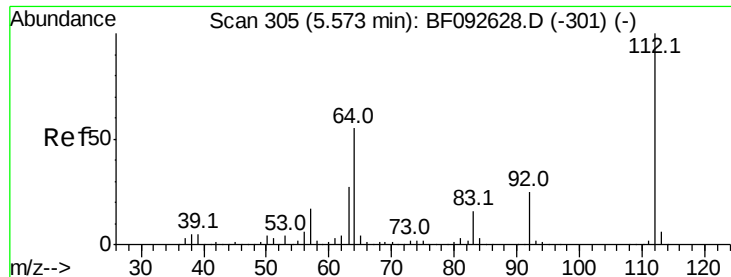
Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion: 42 Resp: 270161

Ion	Ratio	Lower	Upper
42	100		
74	124.9	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 109.79 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

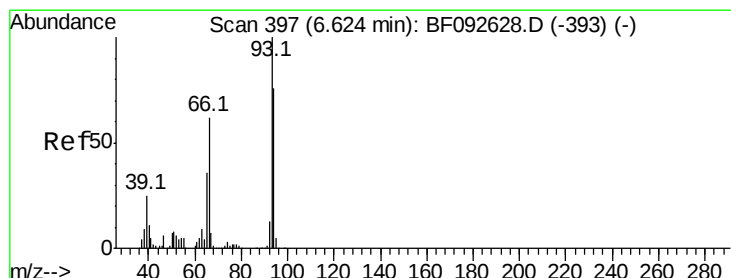
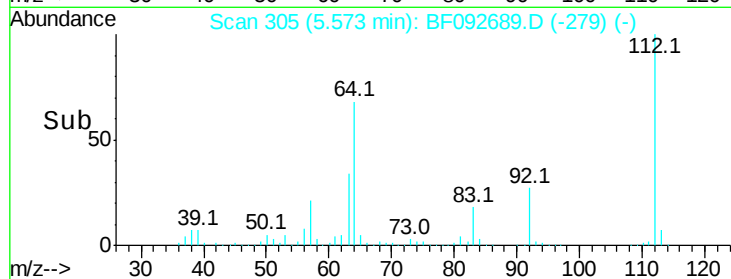
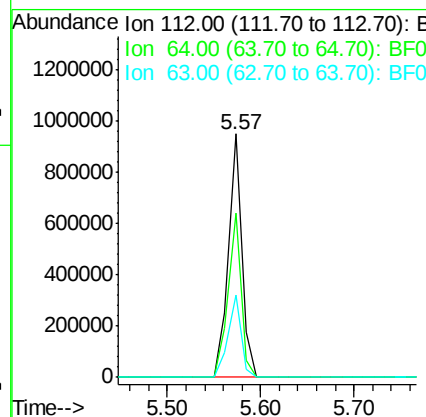
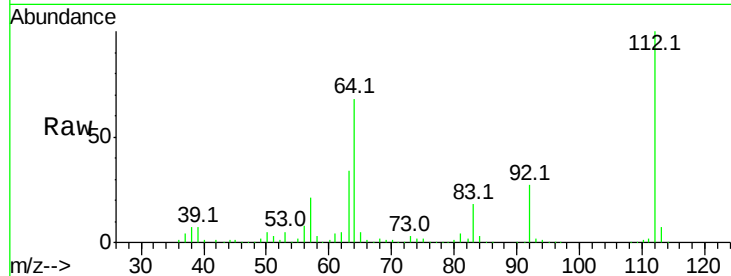
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	112	Resp:	950755
Ion Ratio	Lower	Upper	
112	100		
64	67.6	46.1	69.1
63	34.0	23.8	35.6

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#6

Aniline

Concen: 16.34 ng

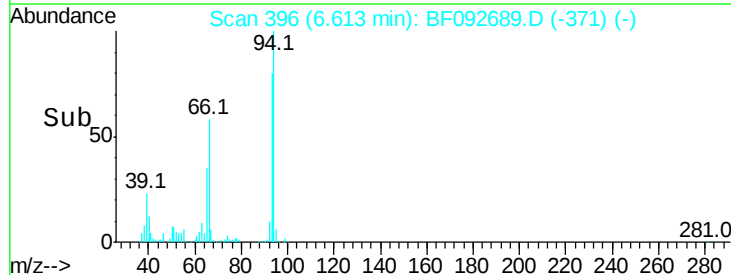
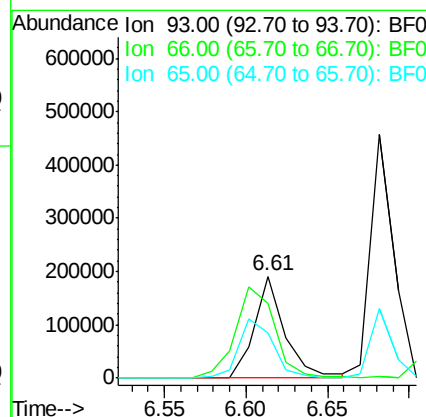
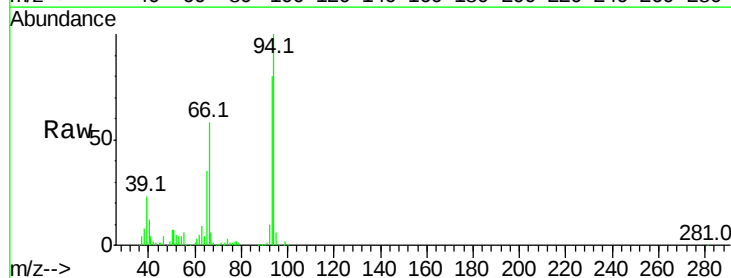
RT: 6.61 min Scan# 396

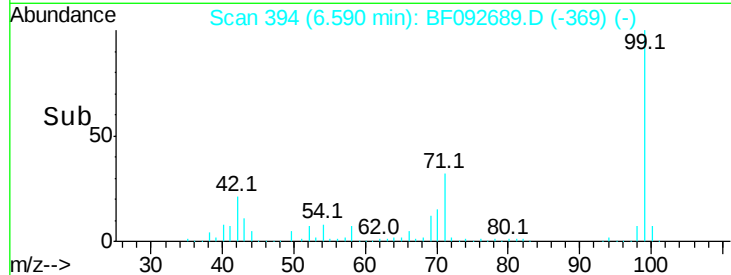
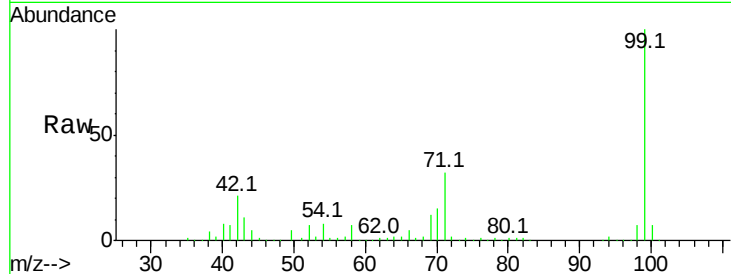
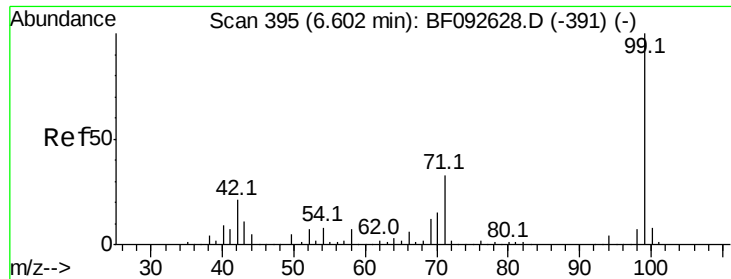
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	248414
Ion Ratio	Lower	Upper	
93	100		
66	72.9	76.2	114.2#
65	44.1	49.3	73.9#





#7

Phenol-d6

Concen: 113.57 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tot Ion: 99 Resp: 1265476

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

71 32.2 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

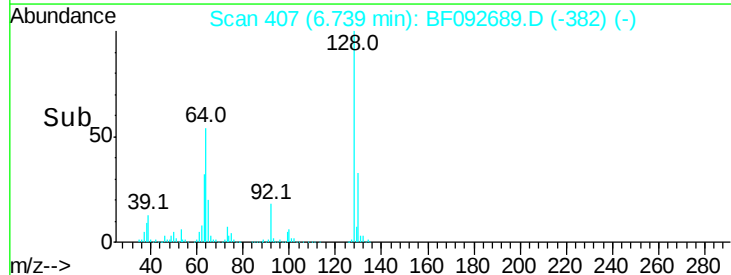
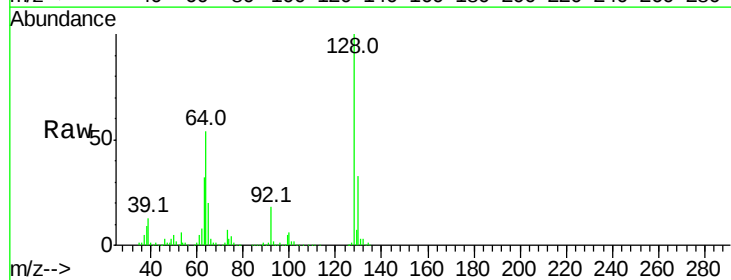
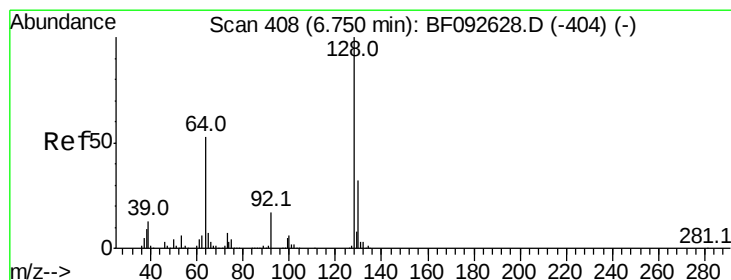
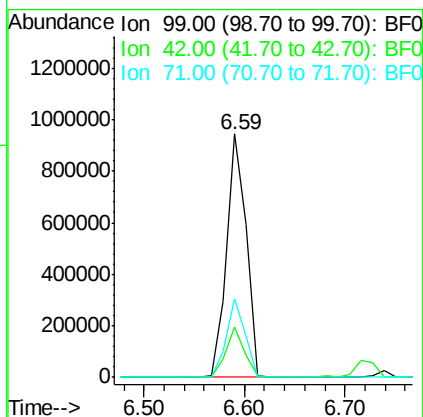
WC-B15-B21-001MSD

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#8

2-Chlorophenol

Concen: 46.80 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

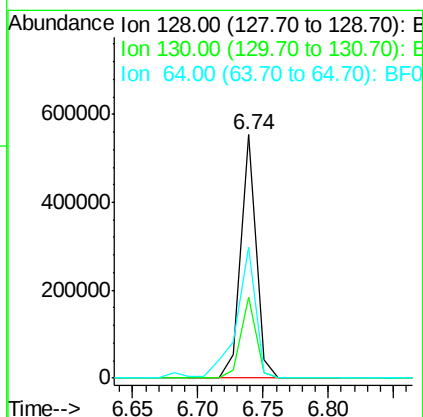
Tgt Ion:128 Resp: 447113

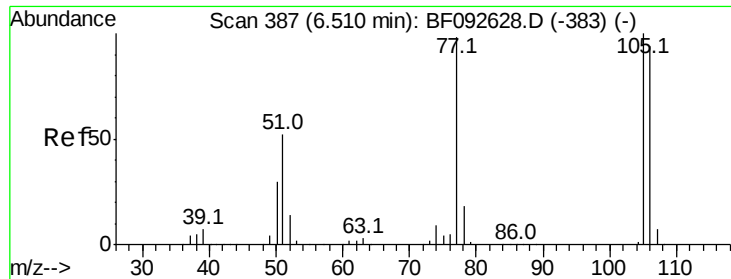
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 53.6 32.2 72.2





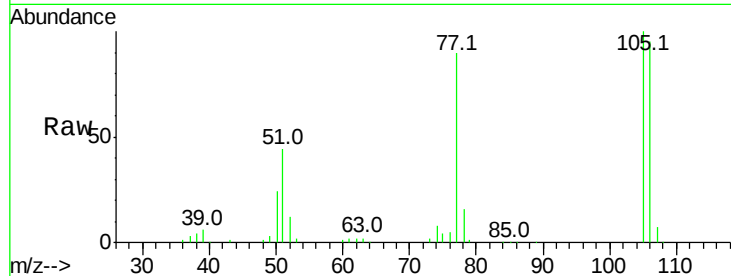
#9
Benzaldehyde
Concen: 15.65 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
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WC-B15-B21-001MSD

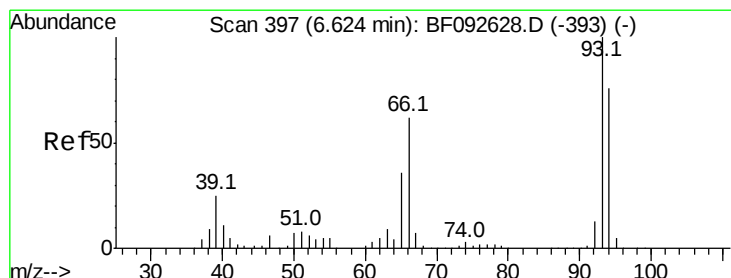
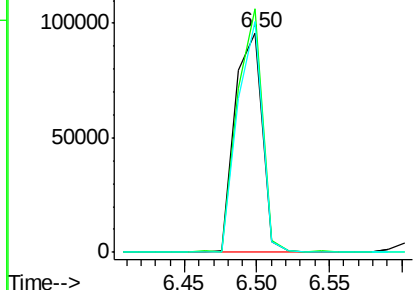
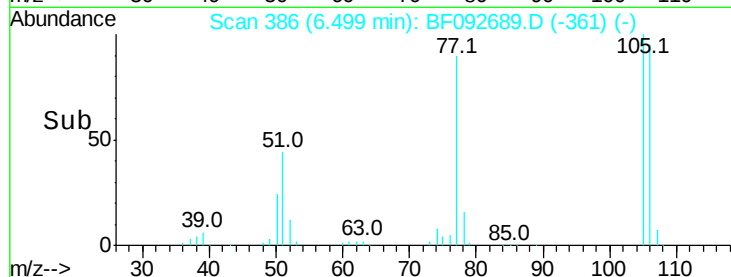
Tot Ion: 77 Resp: 124965
Ion Ratio Lower Upper
77 100
105 110.9 83.9 123.9
106 105.3 77.6 117.6

Manual Integrations
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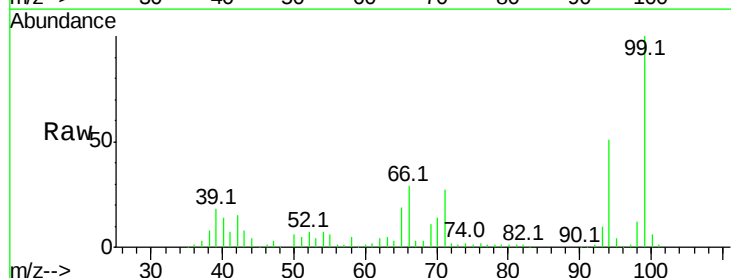


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

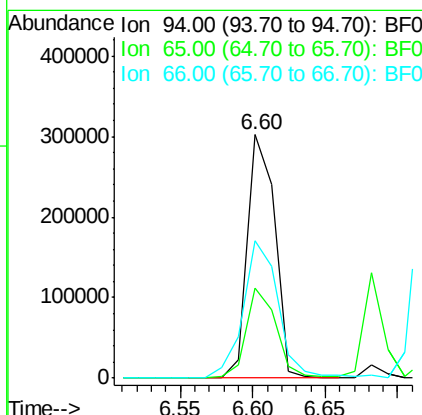
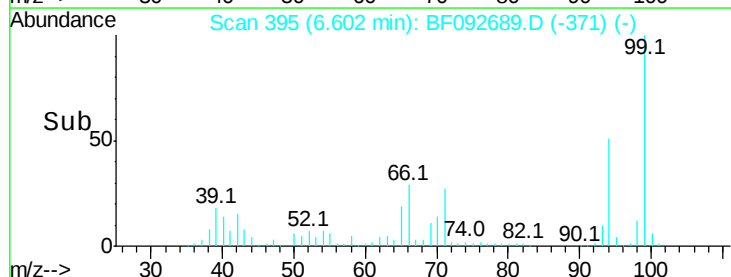


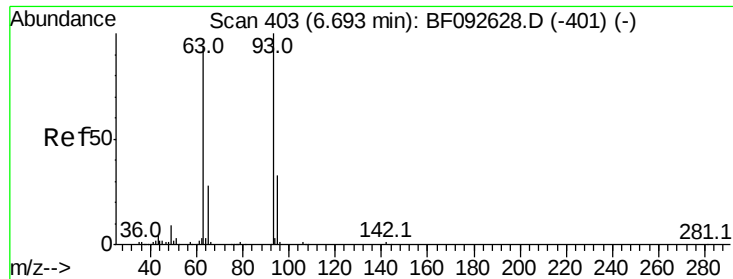
#10
Phenol
Concen: 30.40 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion: 94 Resp: 396260
Ion Ratio Lower Upper
94 100
65 37.1 21.4 61.4
66 56.7 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.19 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

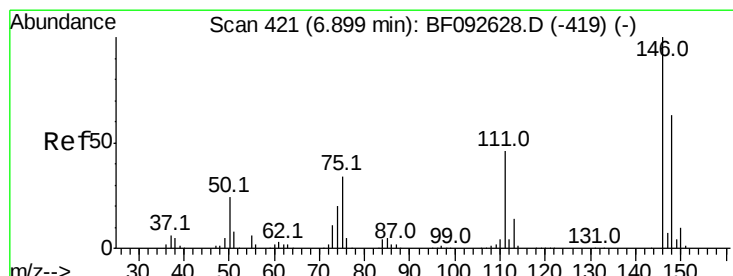
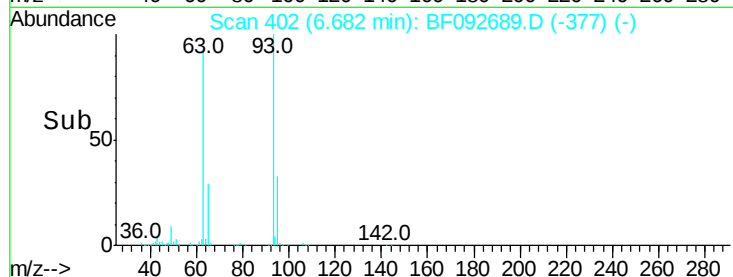
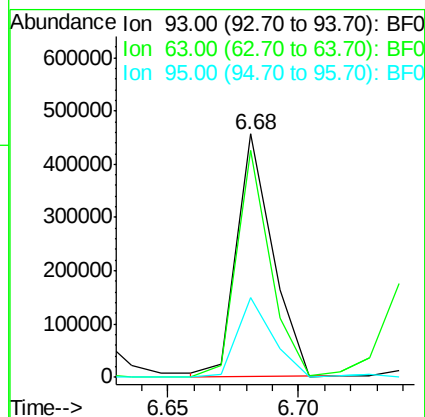
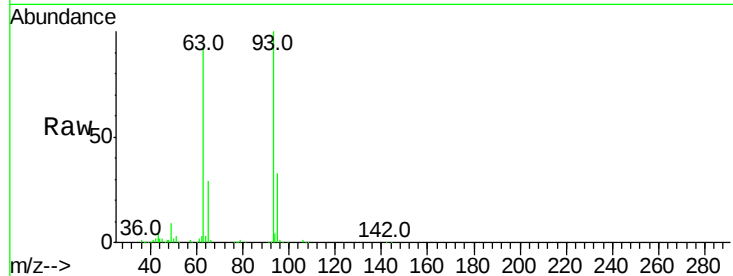
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	93	Resp:	438948
Ion Ratio	Lower	Upper	
93	100		
63	93.2	60.4	100.4
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 43.56 ng m

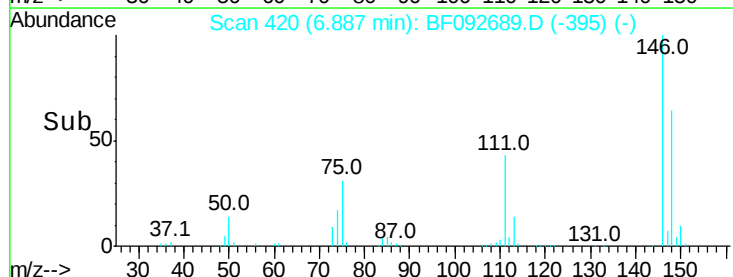
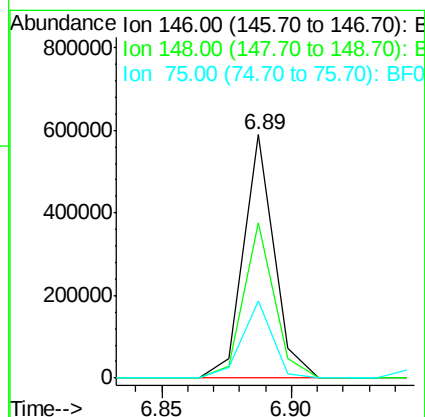
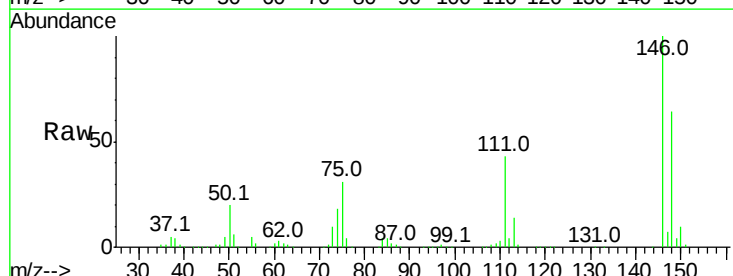
RT: 6.89 min Scan# 420

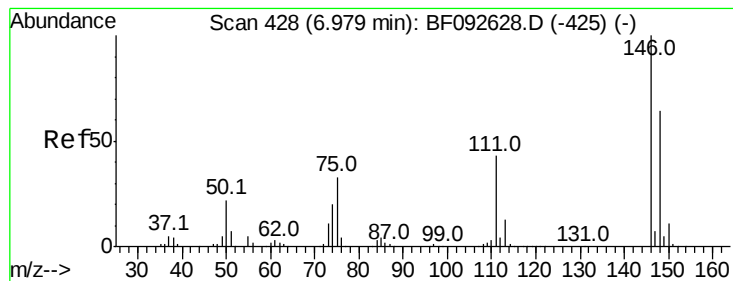
Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	146	Resp:	487373
Ion Ratio	Lower	Upper	
146	100		
148	64.0	53.4	80.0
75	31.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 45.73 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

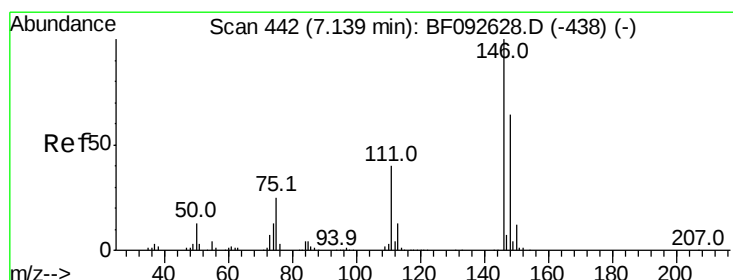
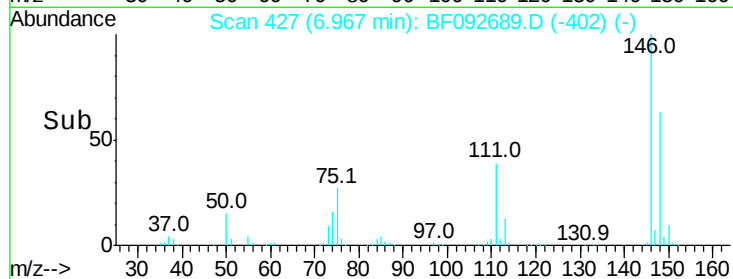
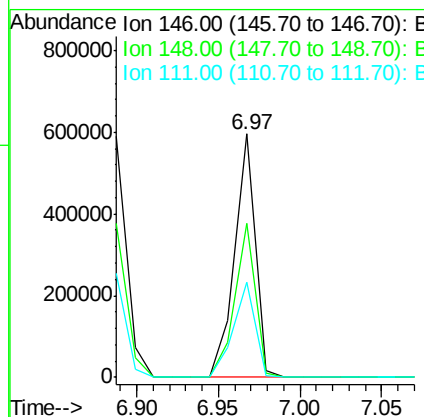
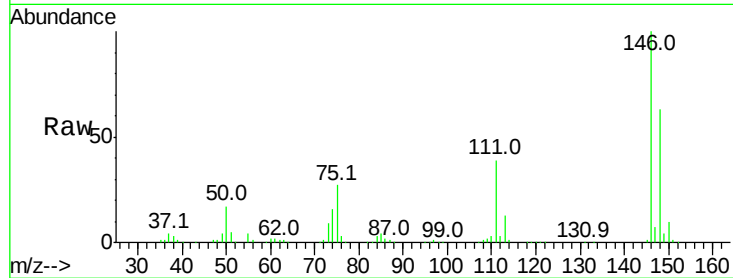
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	146	Resp:	517953
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	39.1	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.21 ng

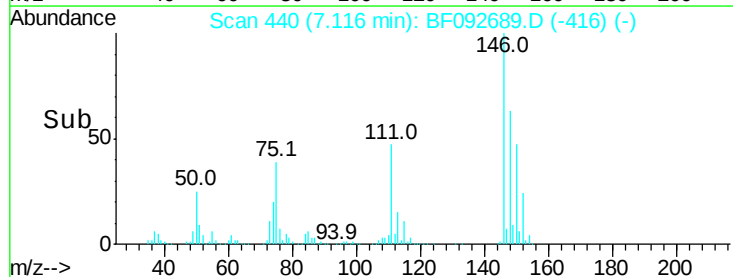
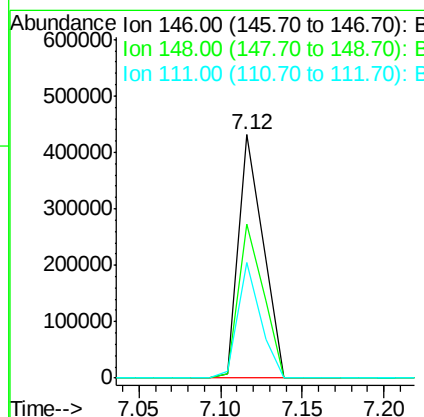
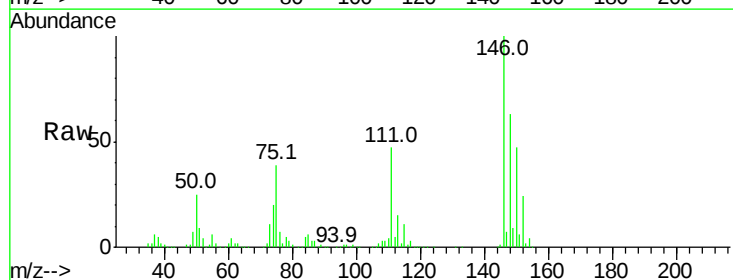
RT: 7.12 min Scan# 440

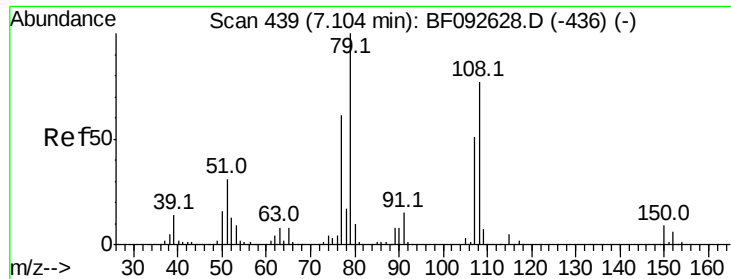
Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	146	Resp:	446296
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.2	78.2
111	47.5	36.2	54.2





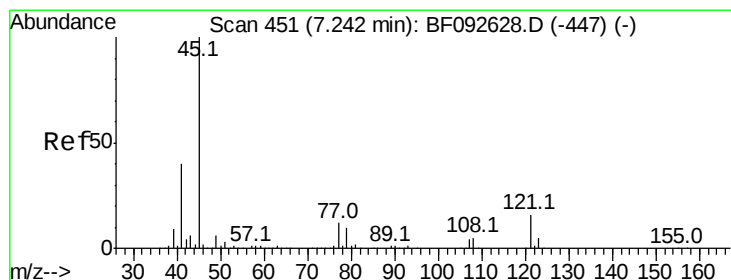
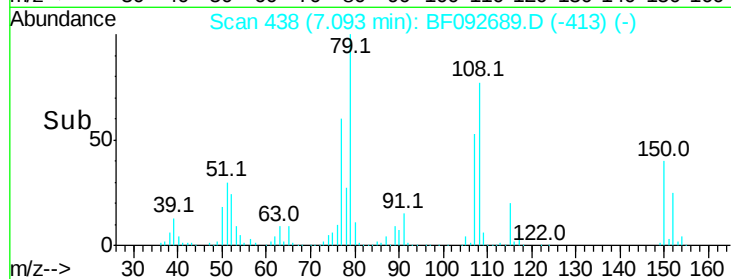
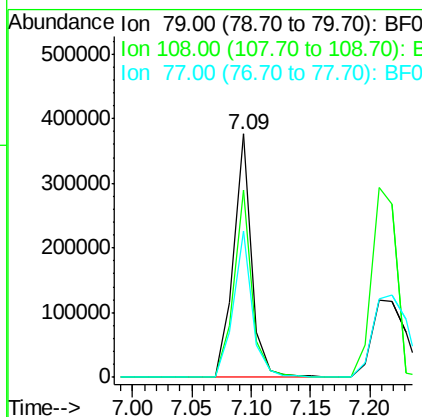
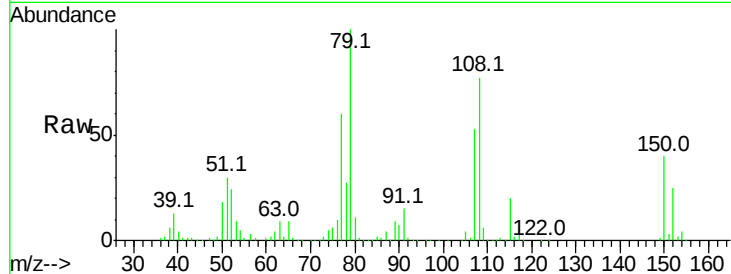
#15
Benzyl Alcohol
Concen: 48.72 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	61.4	92.0
77	60.2	50.9	76.3

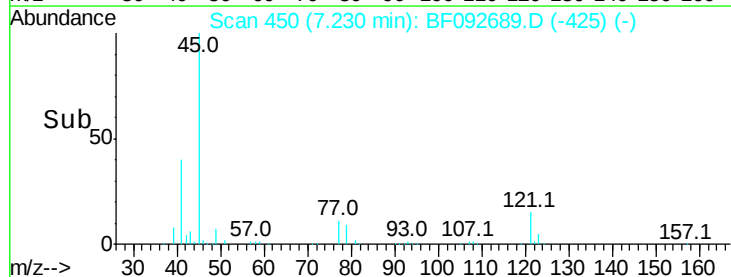
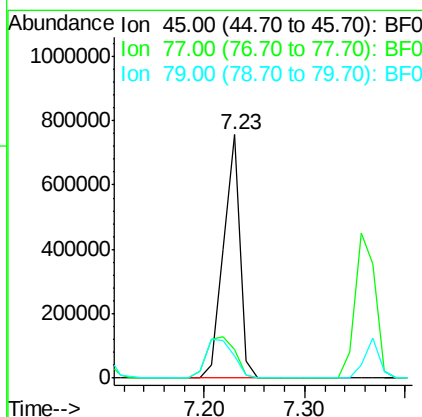
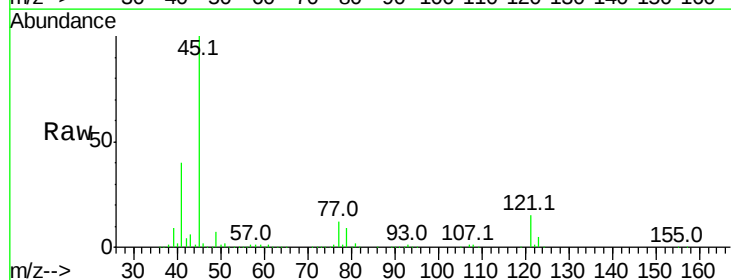
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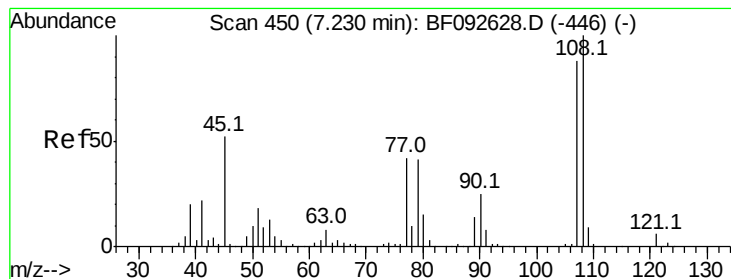
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.58 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	34.6
79	9.3	0.0	31.2





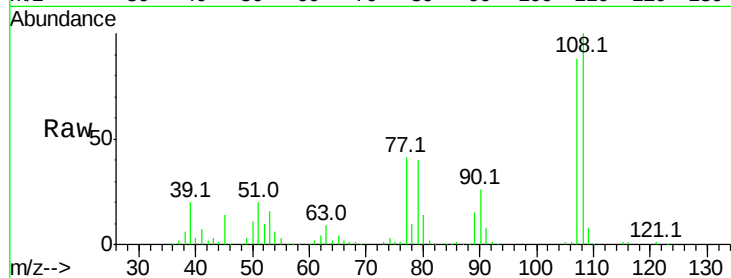
#17
2-Methylphenol
Concen: 45.71 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

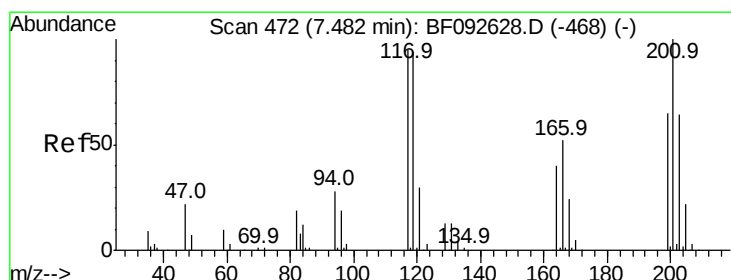
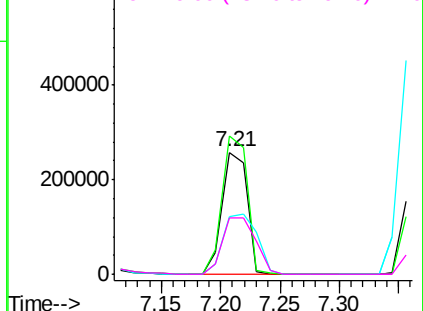
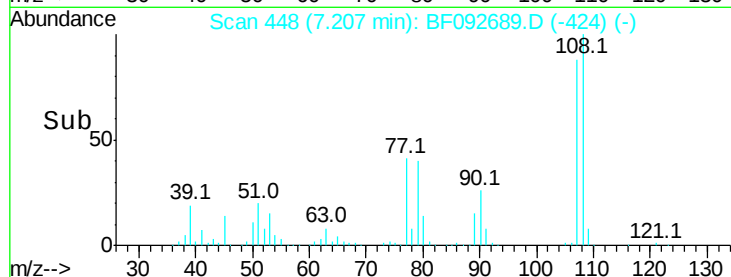
Tot Ion	107	Resp	374593
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.0	139.6
77	46.8	39.8	59.8
79	46.1	38.0	57.0

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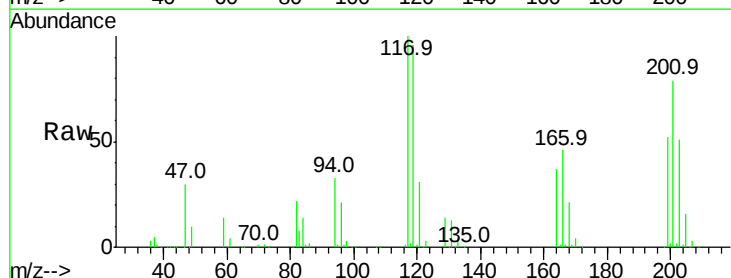


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

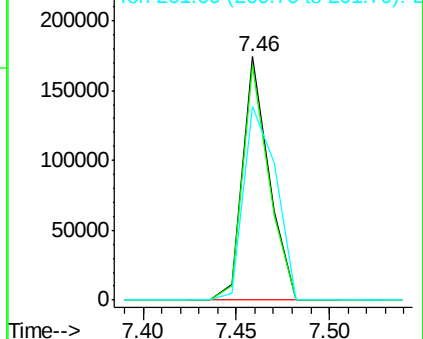
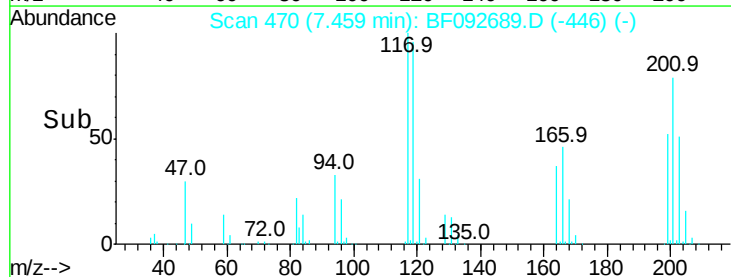


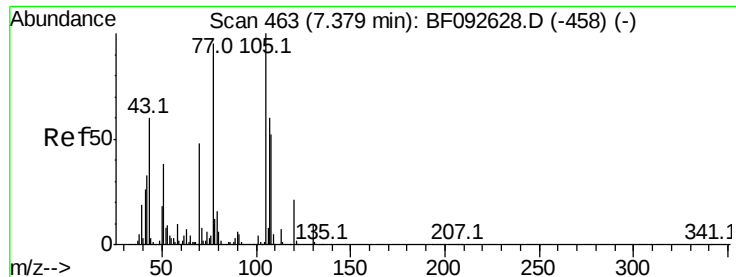
#18
Hexachloroethane
Concen: 44.16 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	117	Resp	170744
Ion Ratio	Lower	Upper	
117	100		
119	96.2	78.1	117.1
201	79.4	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





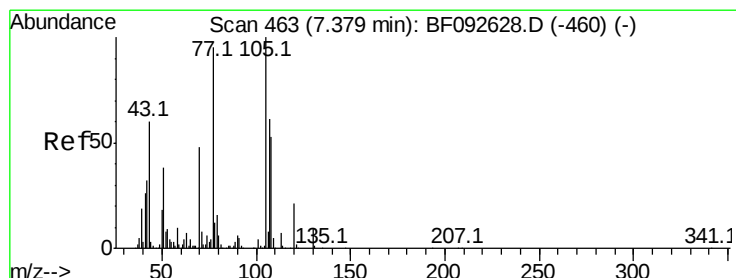
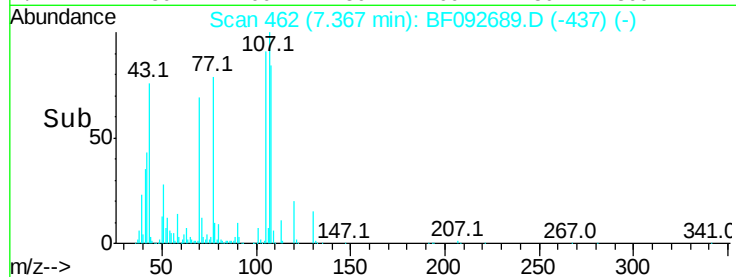
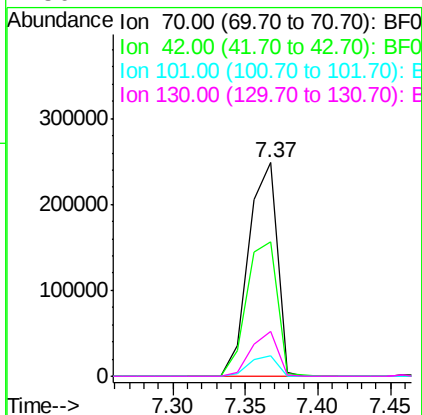
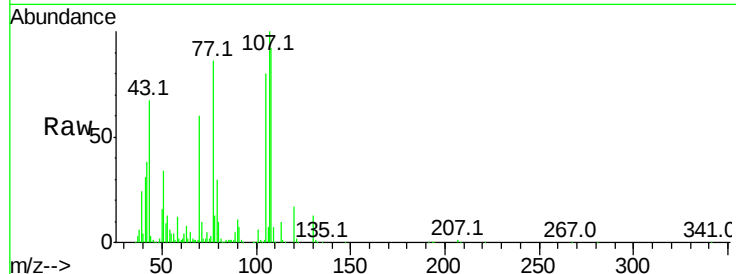
#19
n-Nitroso-di-n-propylamine
Concen: 47.88 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	70	Resp	339636
Ion Ratio	Lower	Upper	
70	100		
42	62.9	49.4	74.0
101	9.7	7.4	11.2
130	21.2	14.2	21.4

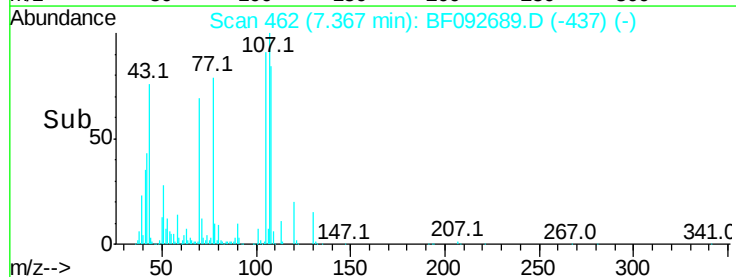
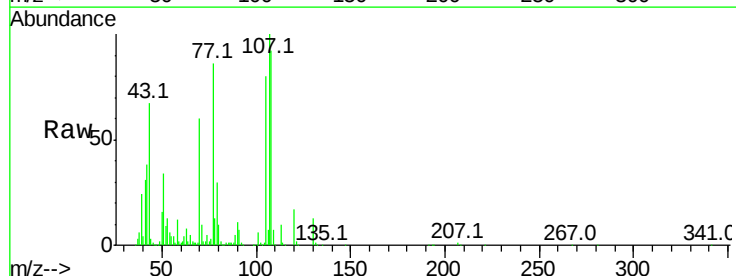
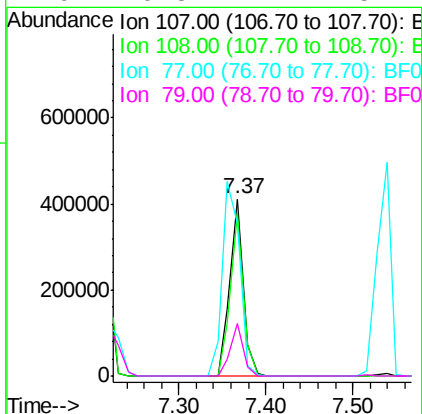
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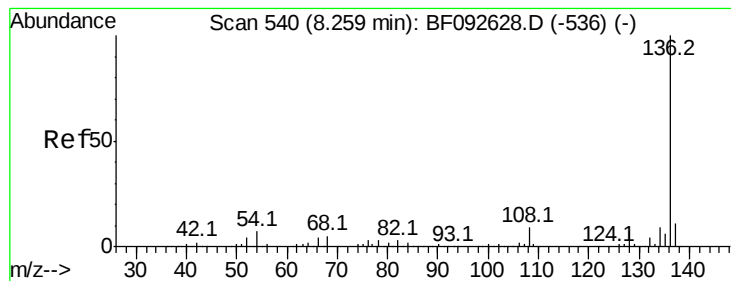
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#20
3+4-Methylphenols
Concen: 45.50 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	107	Resp	445855
Ion Ratio	Lower	Upper	
107	100		
108	92.2	73.0	113.0
77	86.0	71.3	111.3
79	29.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:136 Resp: 578484

Ion Ratio Lower Upper

136 100

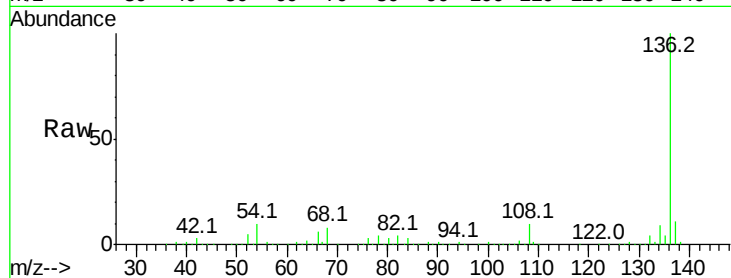
137 11.0 8.4 12.6

54 10.1 4.5 6.7#

68 7.8 3.6 5.4#

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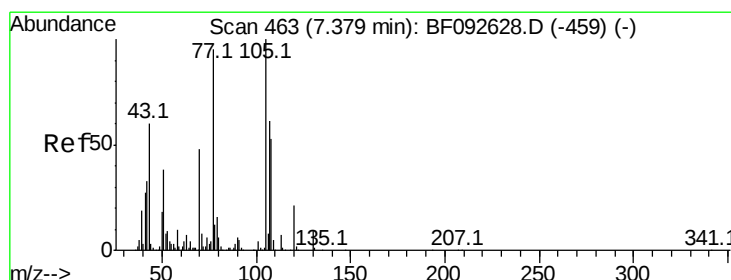
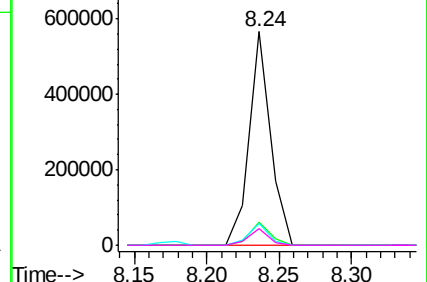
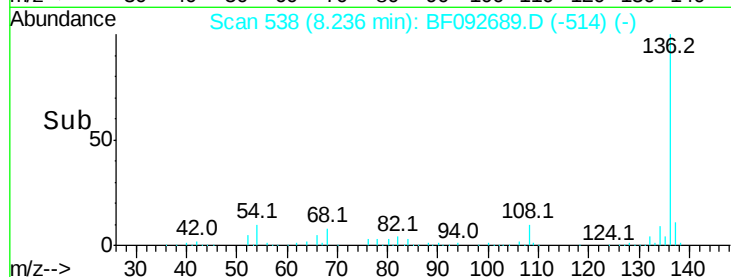


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.39 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:105 Resp: 639097

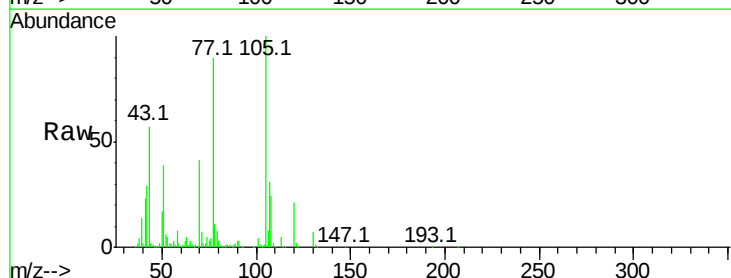
Ion Ratio Lower Upper

105 100

71 6.9 3.2 4.8#

51 38.5 26.2 39.4

120 21.3 16.6 24.8

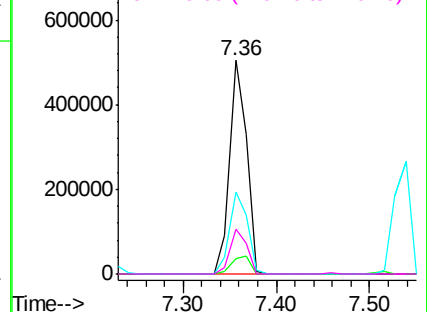
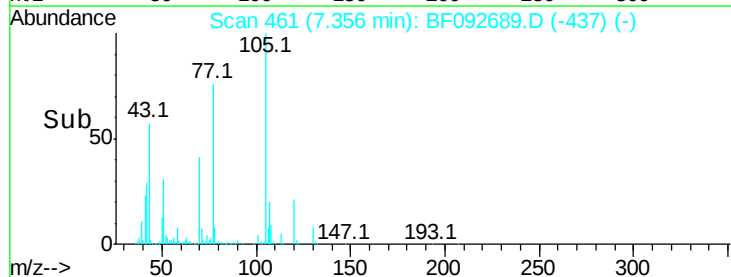


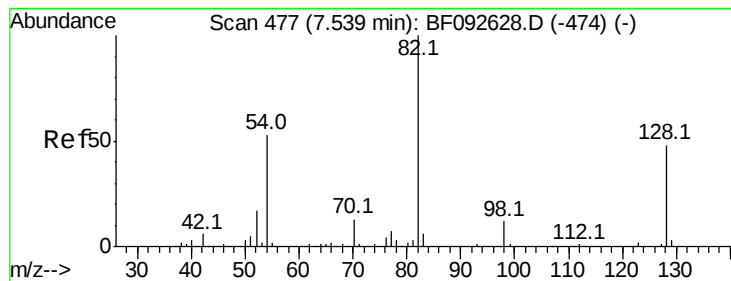
Abundance Ion 105.00 (104.70 to 105.70): E

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: 93.14 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

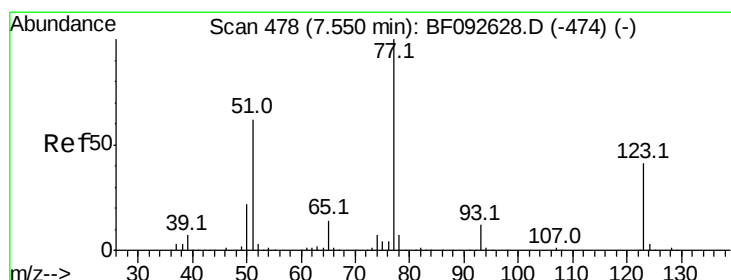
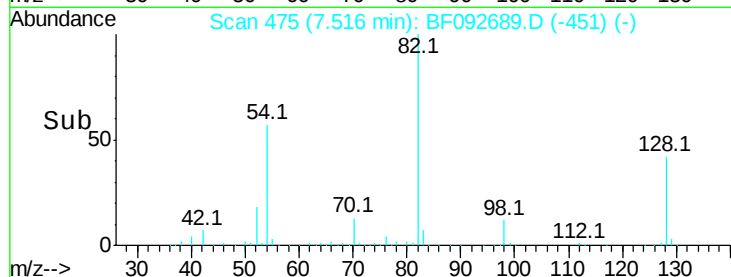
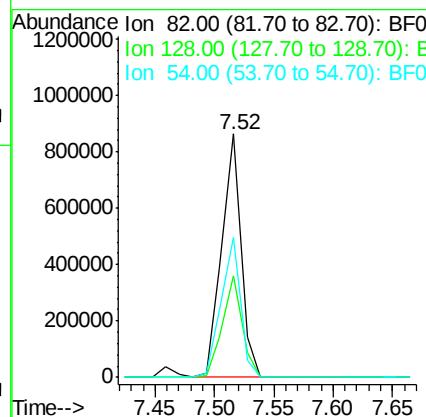
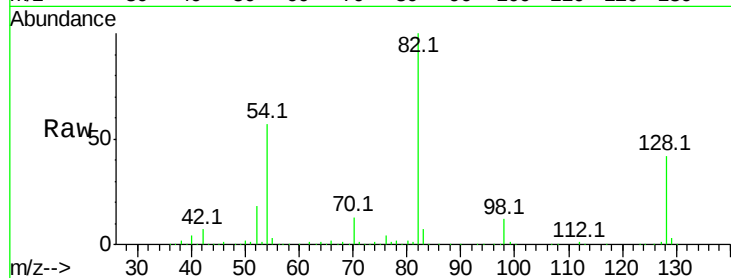
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	82	Resp:	967586
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.6	52.0
54	57.2	39.5	59.3

Manual Integrations
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#24

Nitrobenzene

Concen: 51.26 ng

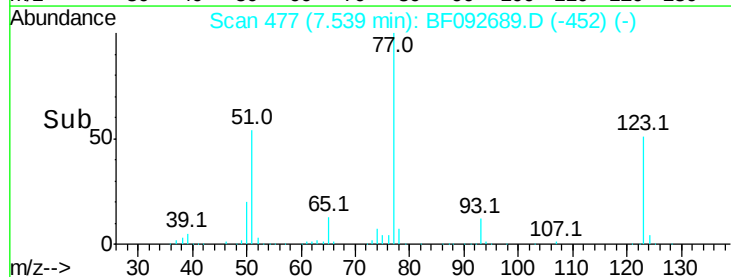
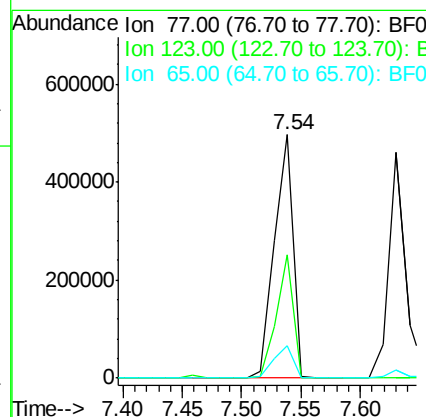
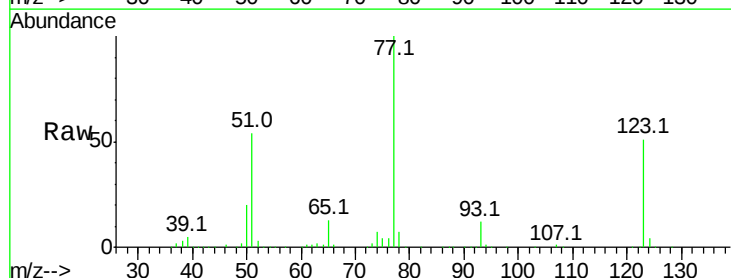
RT: 7.54 min Scan# 477

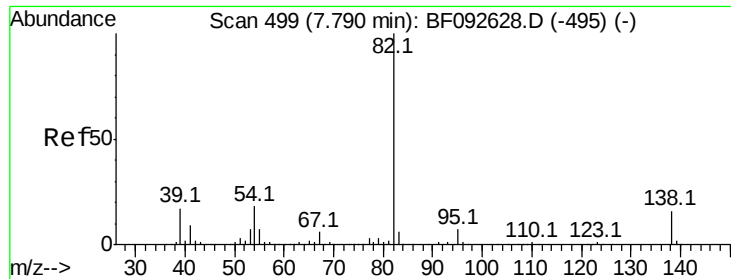
Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	77	Resp:	546727
Ion Ratio	Lower	Upper	
77	100		
123	50.9	33.0	49.4#
65	13.4	11.2	16.8





#25

Isophorone

Concen: 49.31 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

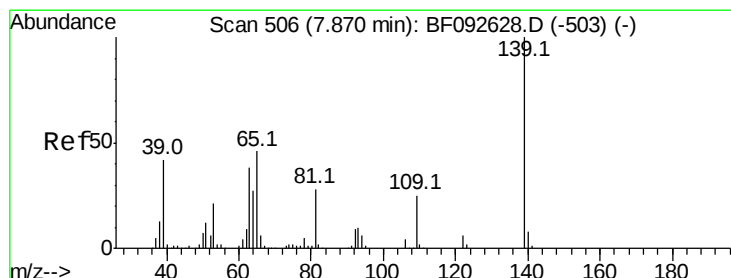
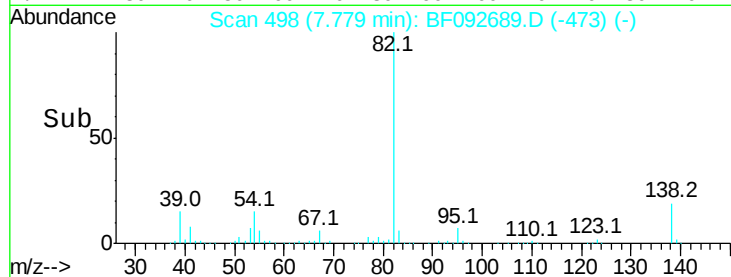
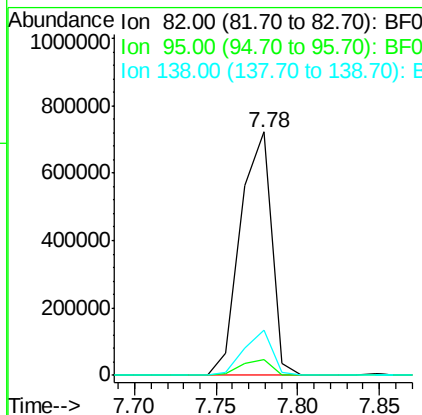
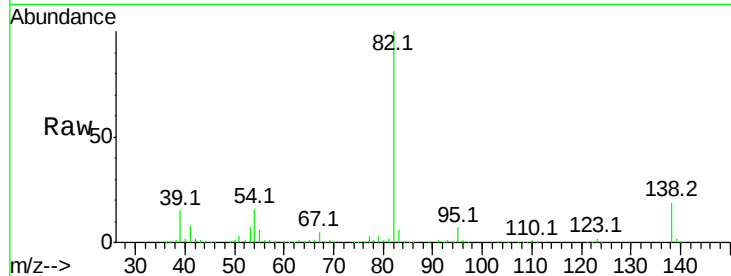
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	82	Resp:	954469
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	18.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 47.30 ng

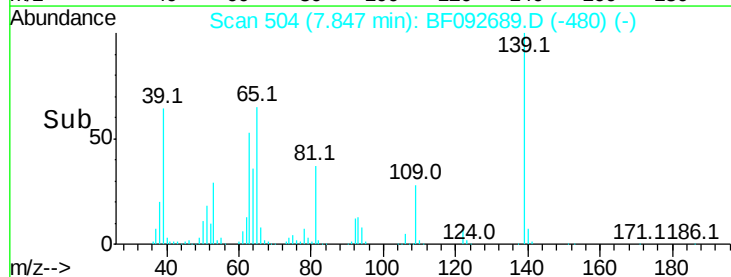
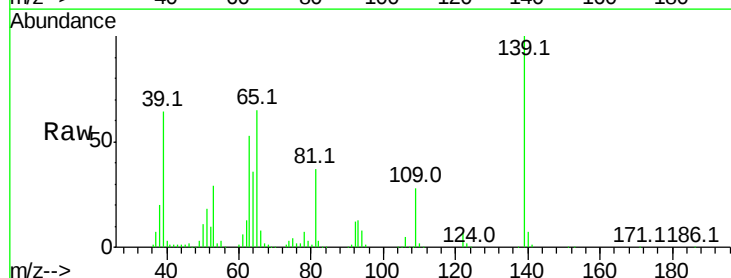
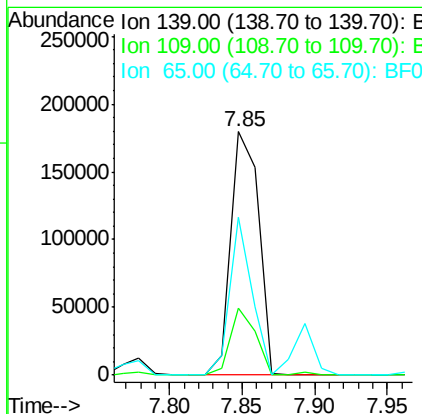
RT: 7.85 min Scan# 504

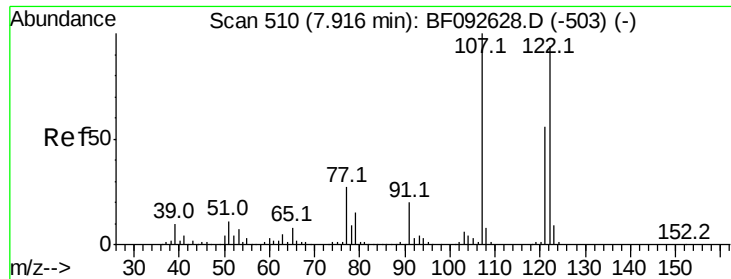
Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	139	Resp:	239810
Ion Ratio	Lower	Upper	
139	100		
109	27.7	23.3	34.9
65	64.6	42.7	64.1#





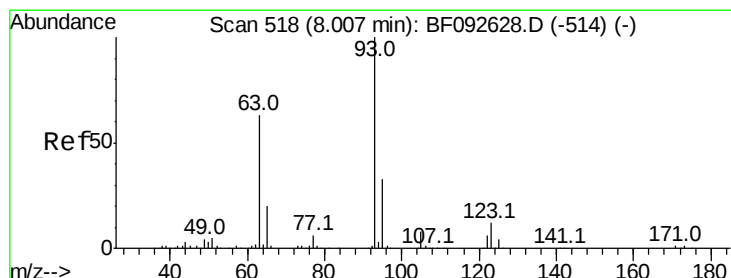
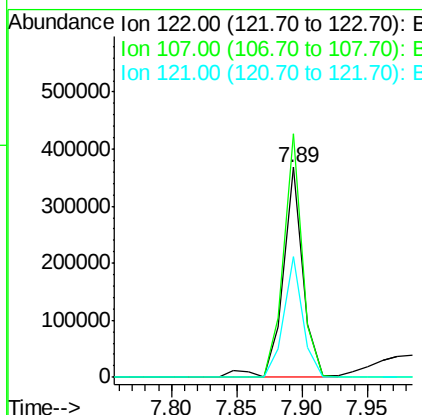
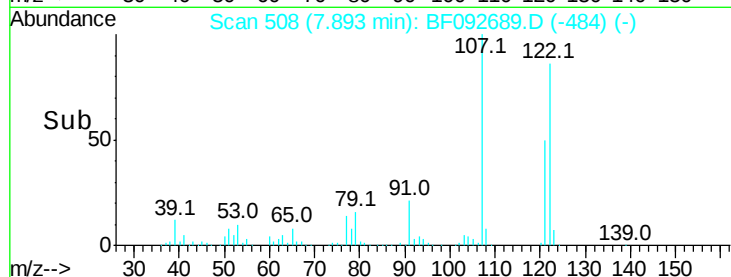
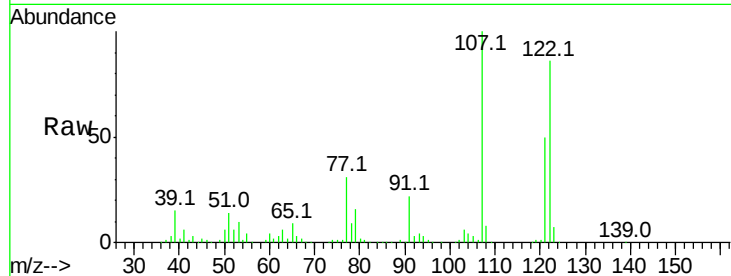
#27
2,4-Dimethylphenol
Concen: 44.53 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	396552		
107	116.1	94.1	141.1	
121	57.7	46.0	69.0	

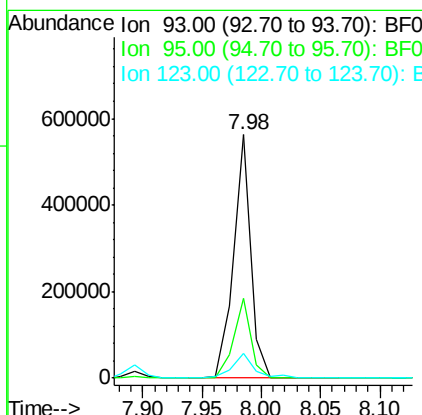
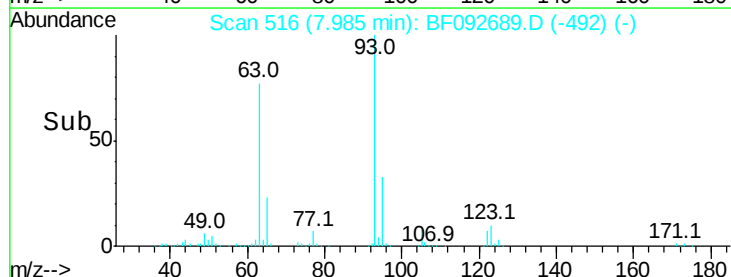
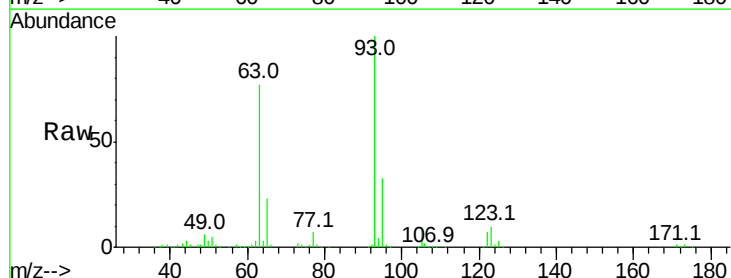
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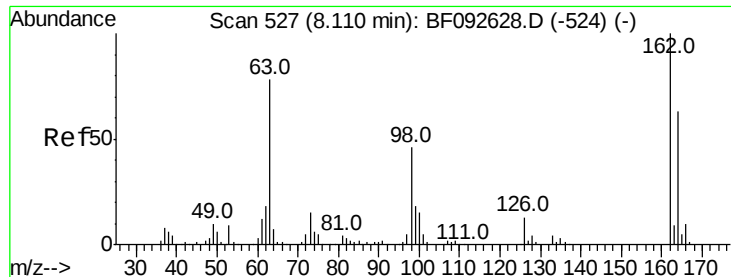
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#28
bis(2-Chloroethoxy)methane
Concen: 44.16 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	566107		
95	32.6	26.5	39.7	
123	10.4	8.6	13.0	





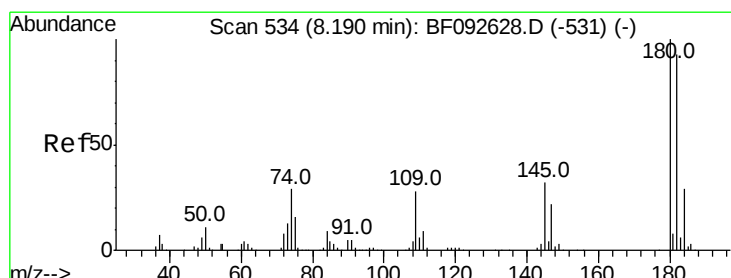
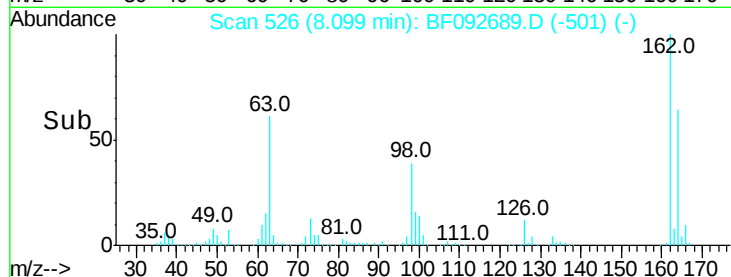
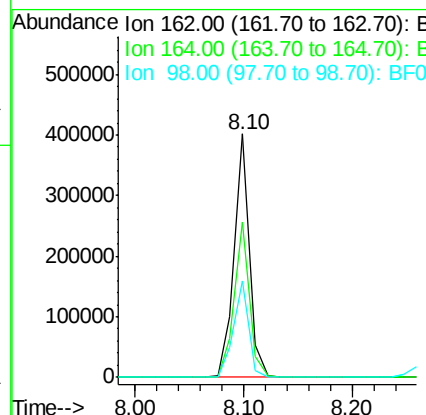
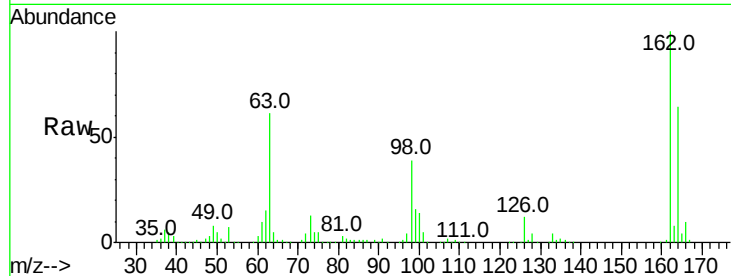
#29
 2,4-Dichlorophenol
 Concen: 46.42 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	46.8	86.8
98	39.4	9.1	49.1

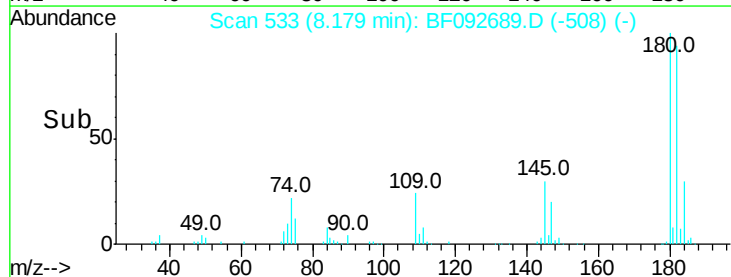
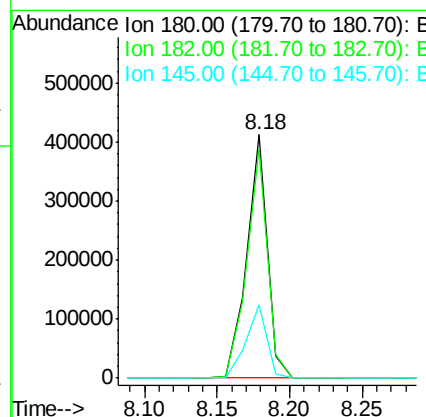
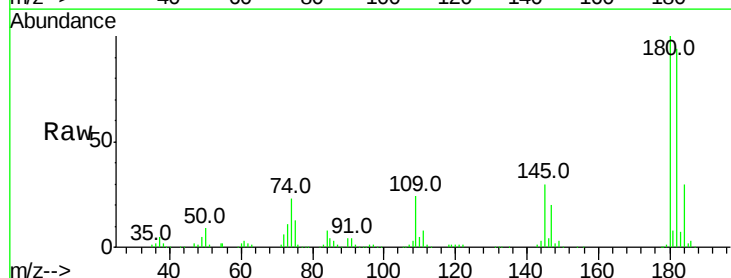
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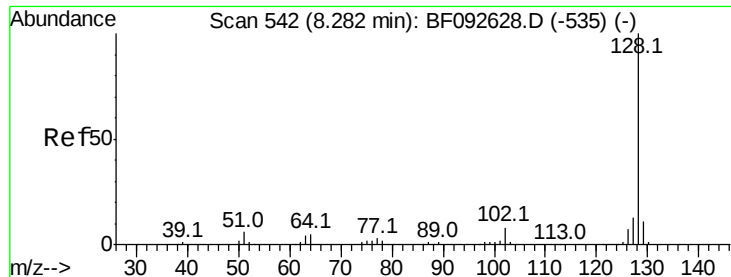
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.03 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	78.2	117.4
145	30.1	21.6	32.4





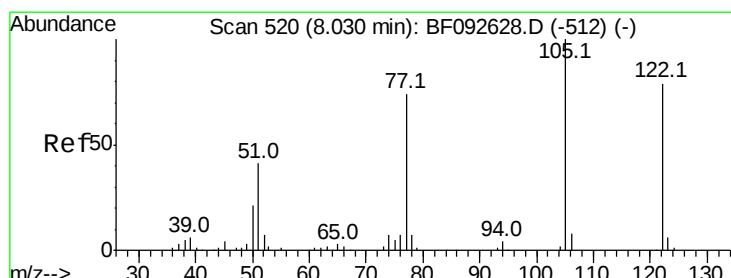
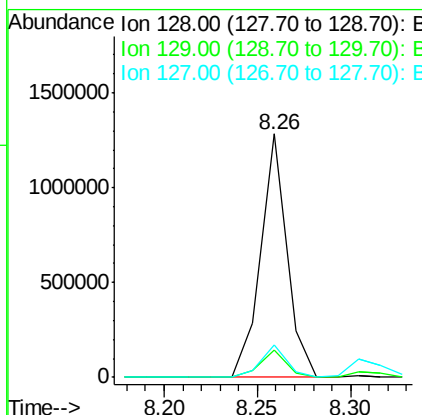
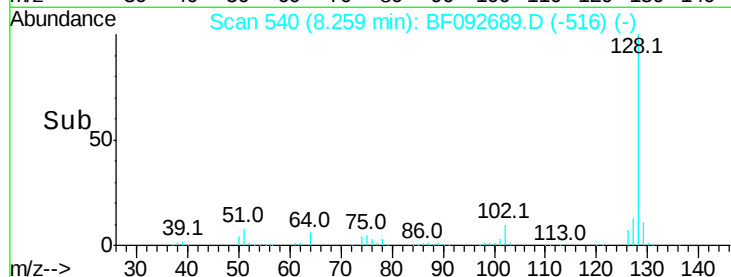
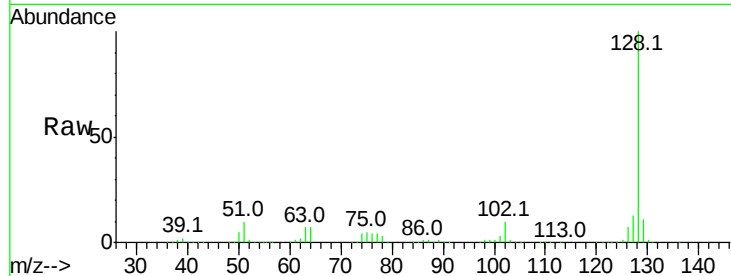
#31
Naphthalene
Concen: 42.56 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion:128 Resp: 1248086
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.4 10.8 16.2

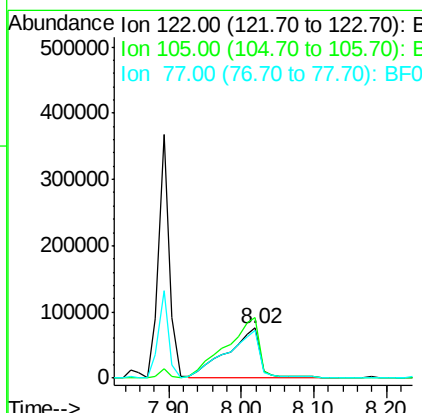
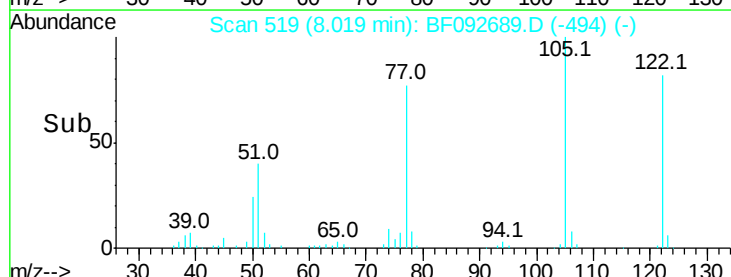
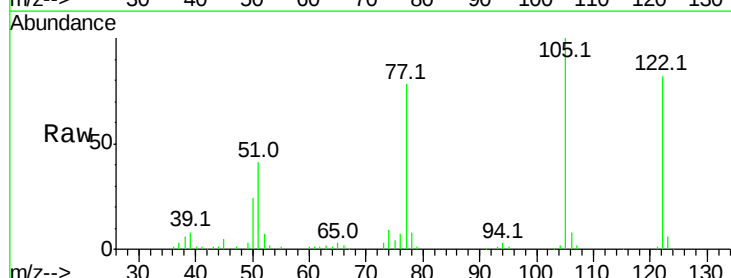
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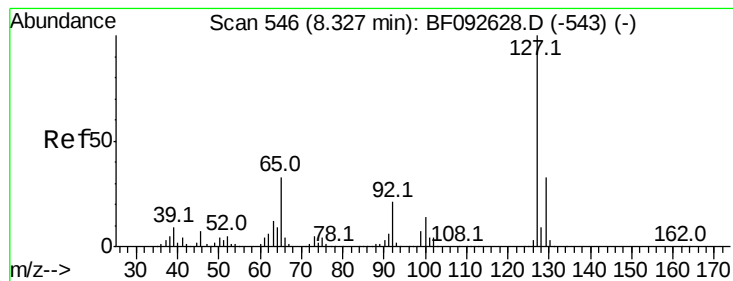
mohammad
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#32
Benzoic acid
Concen: 46.63 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion:122 Resp: 234074
Ion Ratio Lower Upper
122 100
105 122.2 107.2 147.2
77 95.5 74.5 114.5





#33

4-Chloroaniline

Concen: 11.54 ng

RT: 8.30 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

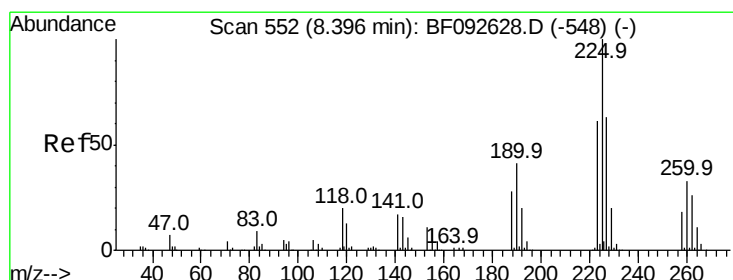
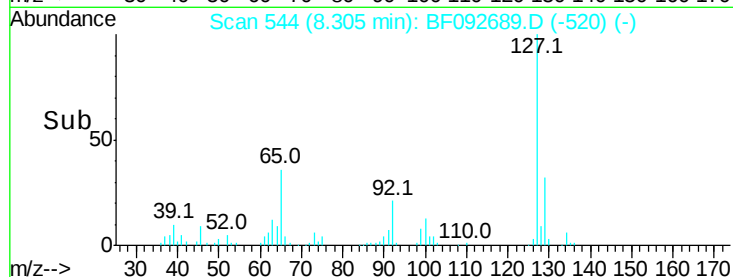
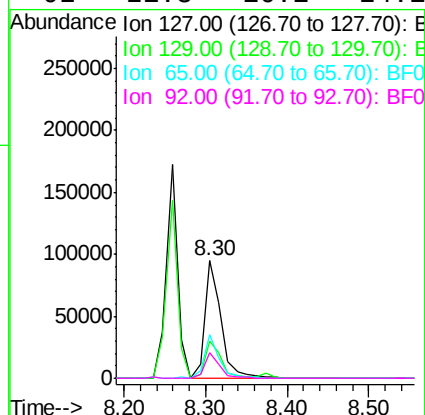
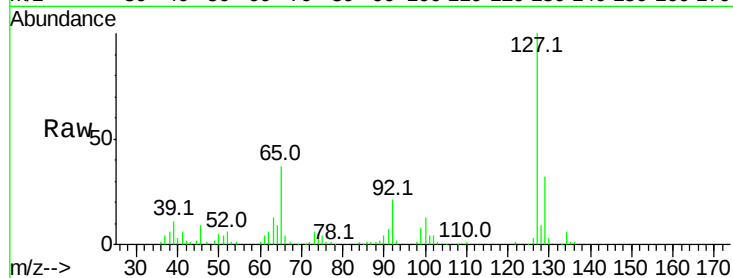
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	36.6	25.8	38.8	
92	21.3	16.1	24.1	

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#34

Hexachlorobutadiene

Concen: 40.75 ng

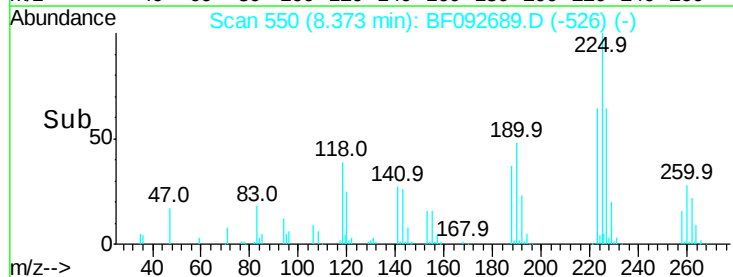
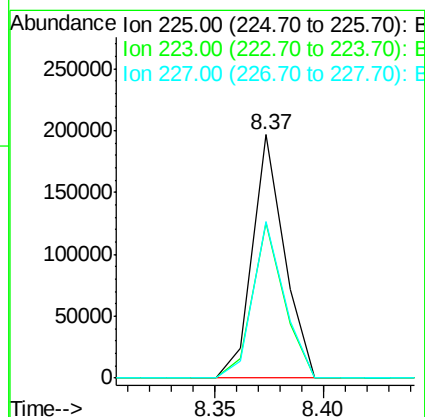
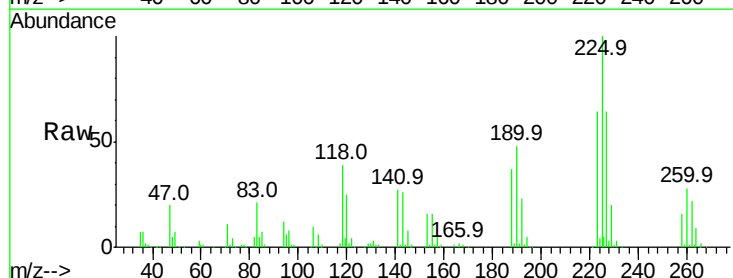
RT: 8.37 min Scan# 550

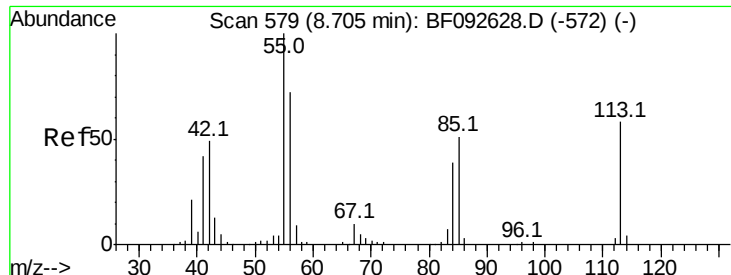
Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	51.0	76.6	
227	64.4	50.6	76.0	





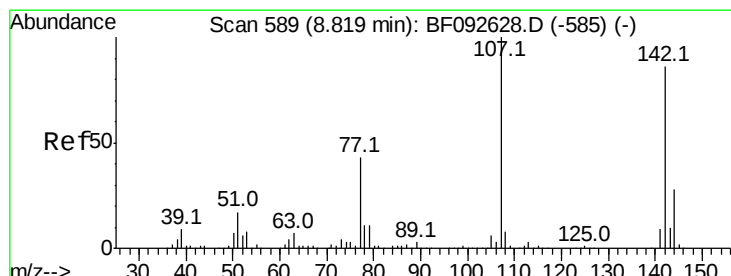
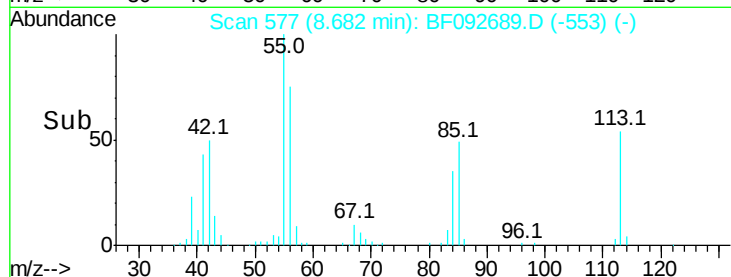
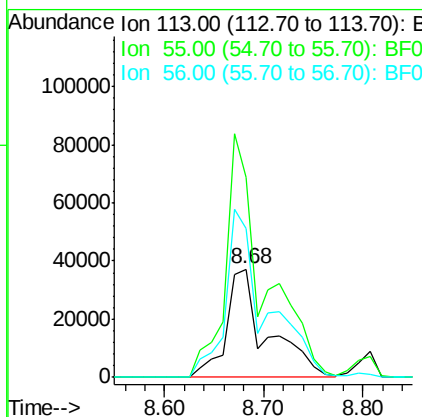
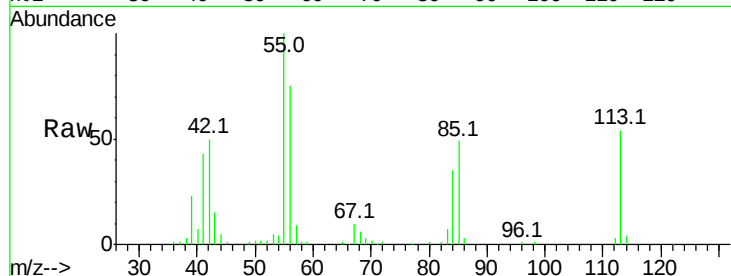
#35
Caprolactam
Concen: 40.15 ng/ml
RT: 8.68 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleID :
WC-B15-B21-001MSD

Tot Ion:113 Resp: 104879
Ion Ratio Lower Upper
113 100
55 185.0 119.2 159.2#
56 138.0 83.8 123.8#

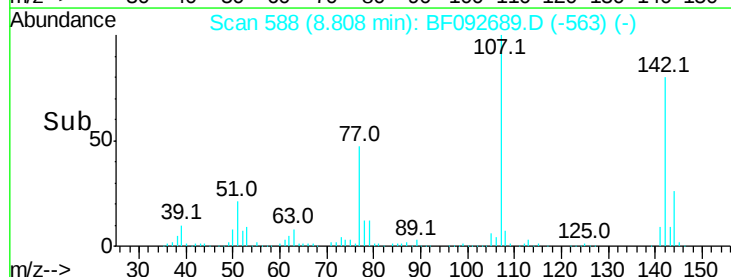
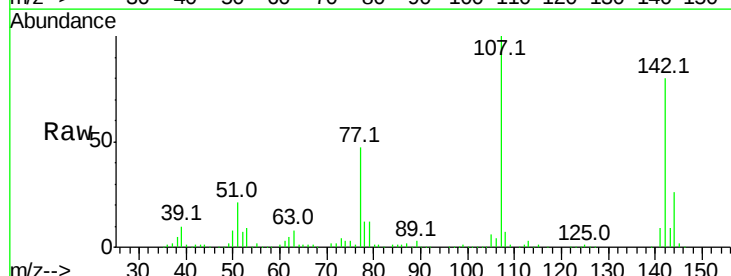
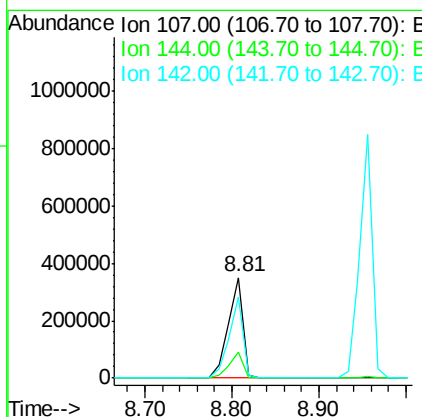
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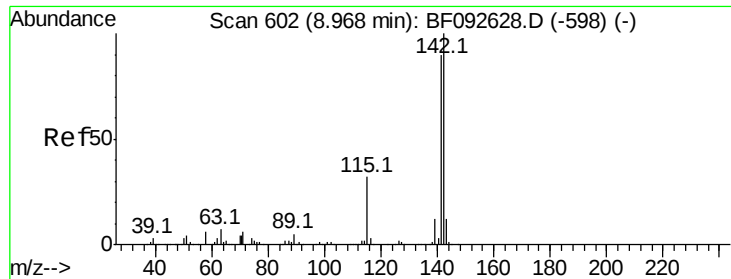
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.48 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion:107 Resp: 411108
Ion Ratio Lower Upper
107 100
144 25.7 19.3 28.9
142 80.3 59.0 88.6





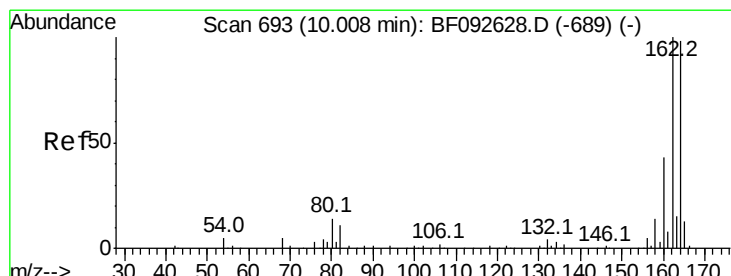
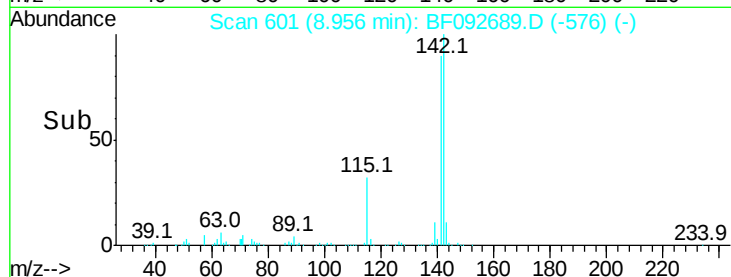
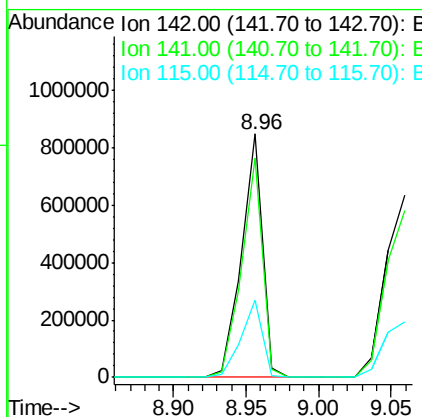
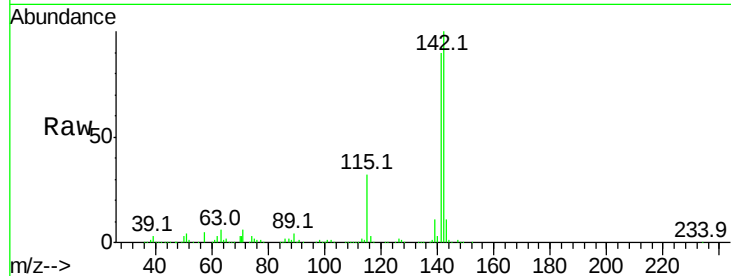
#37
2-Methylnaphthalene
Concen: 45.28 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	31.7	28.3	42.5

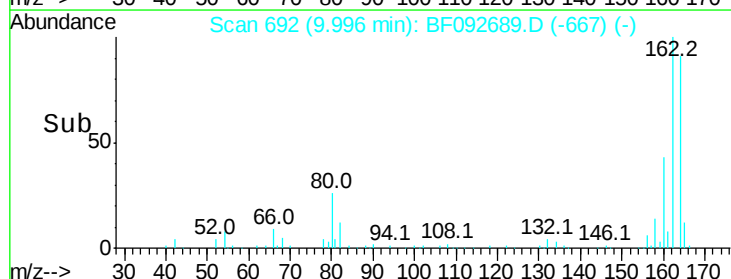
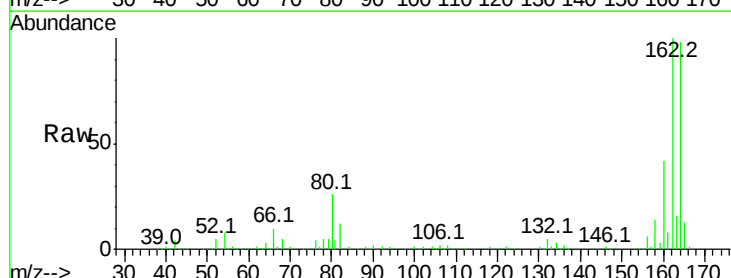
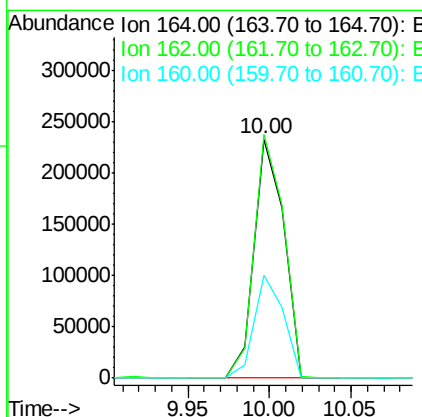
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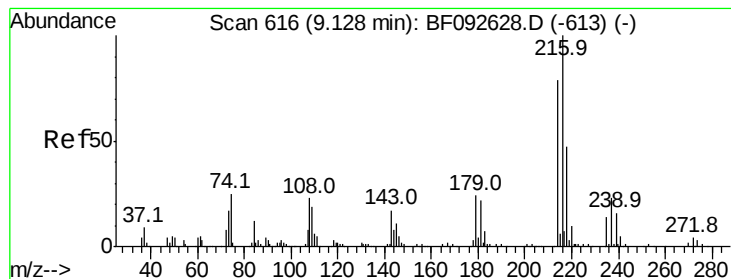
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.30 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

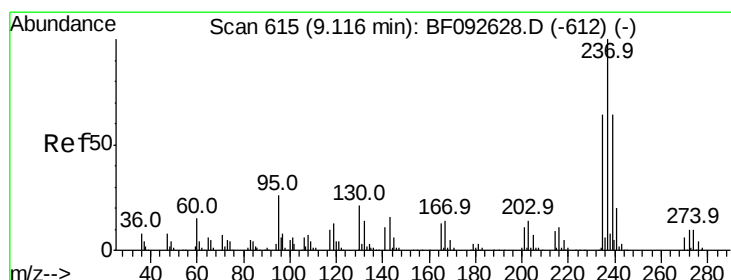
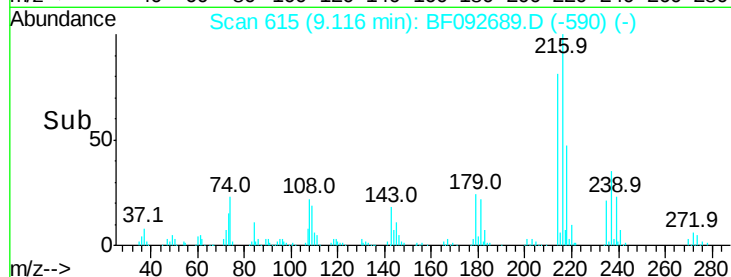
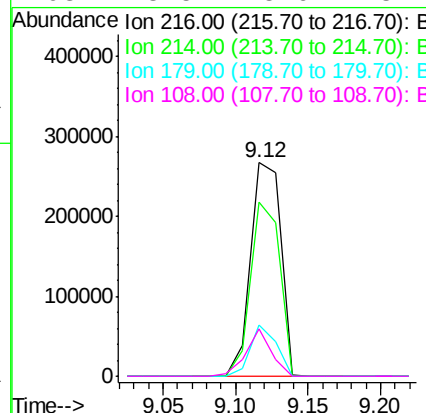
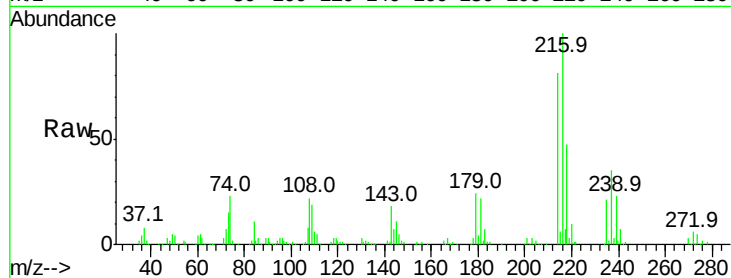
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	385235		
214	79.1	63.4	95.0	
179	20.9	17.4	26.2	
108	18.5	15.6	23.4	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 75.94 ng

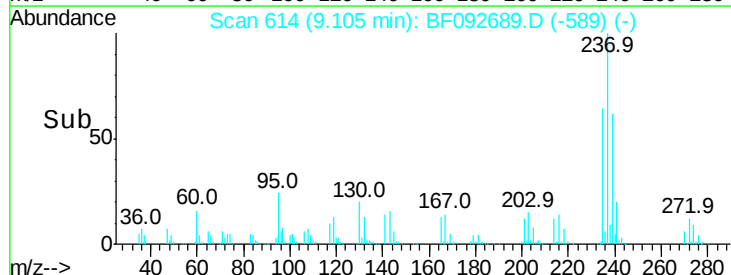
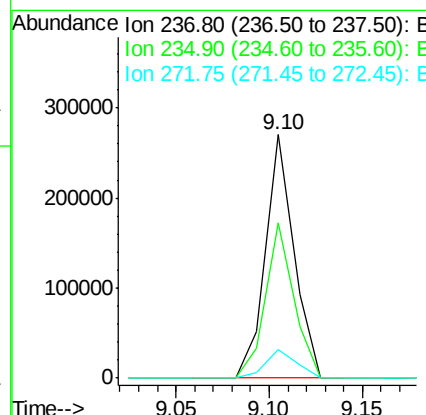
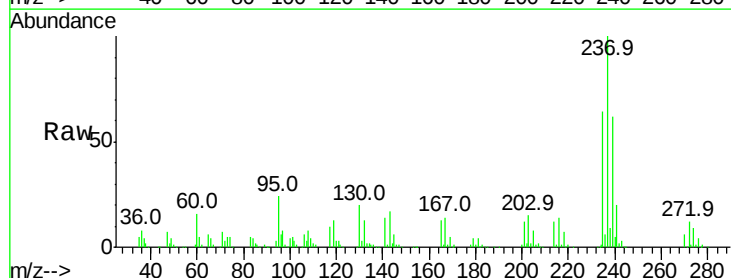
RT: 9.10 min Scan# 614

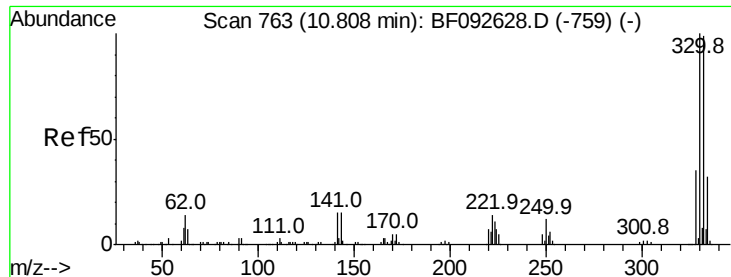
Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	285088		
235	64.0	41.2	81.2	
272	11.6	0.0	35.4	





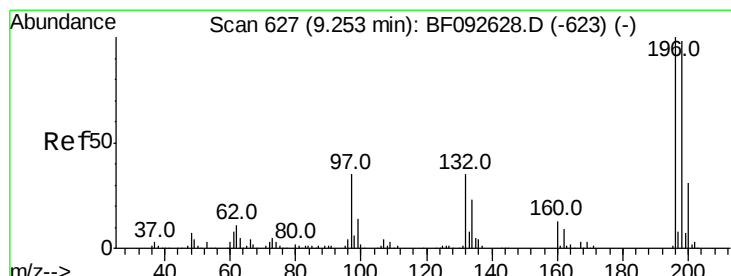
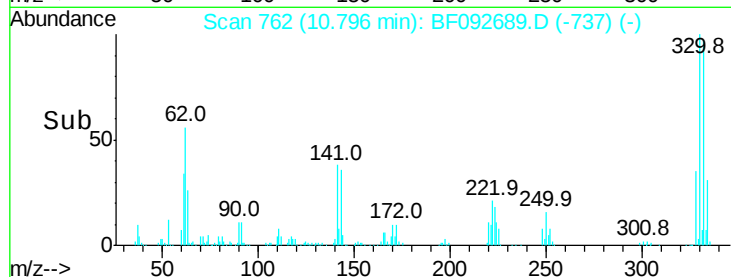
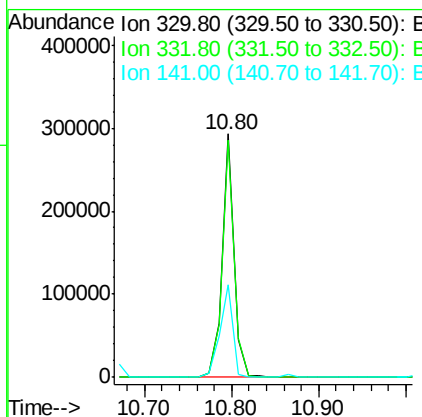
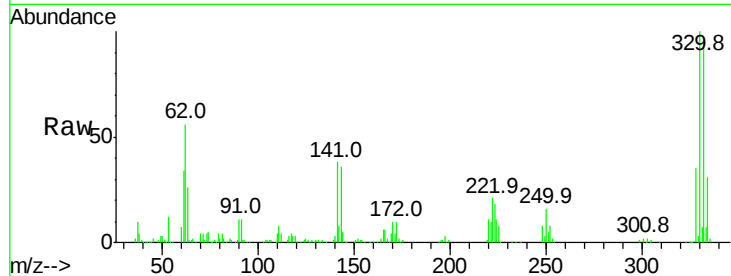
#41
 2,4,6-Tribromophenol
 Concen: 133.31 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	285814		
332	97.8	77.4	116.2	
141	41.5	34.1	51.1	

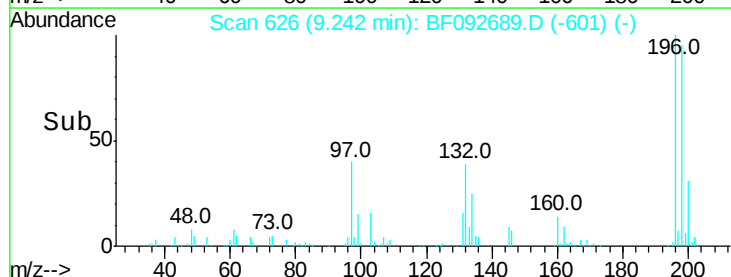
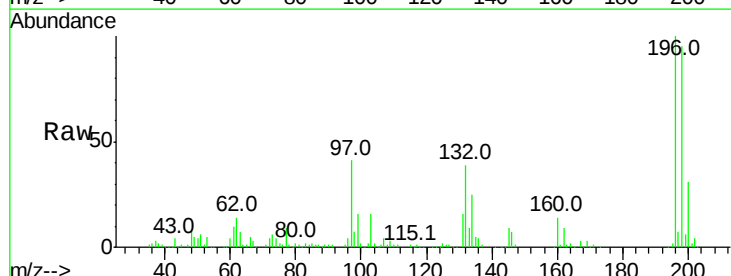
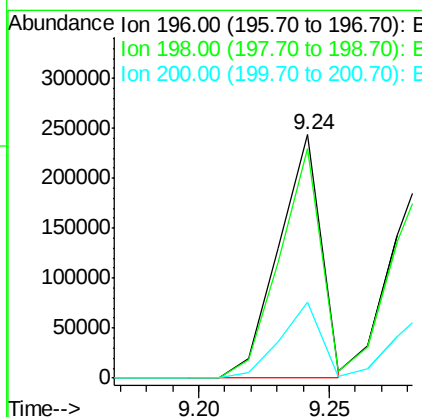
Manual Integrations
 APPROVED

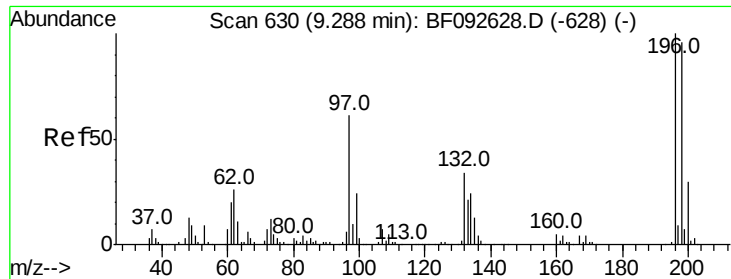
mohammad
 2/1/2017 2:27:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.10 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273943		
198	94.5	82.1	123.1	
200	31.3	27.0	40.4	





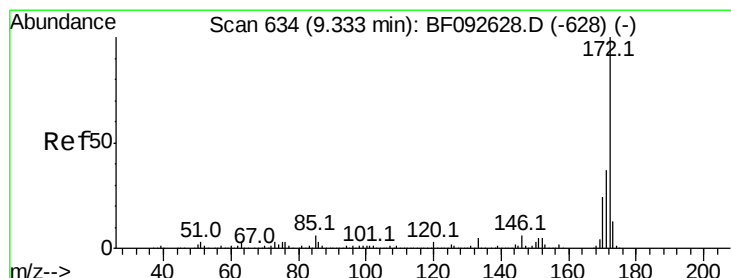
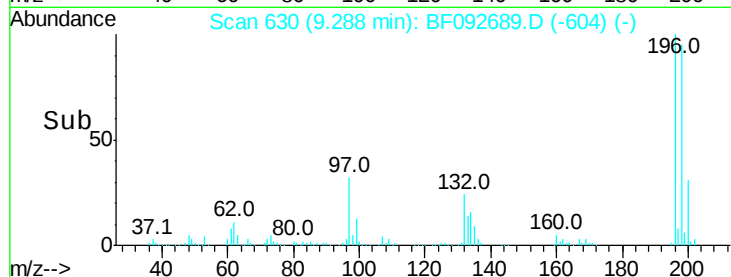
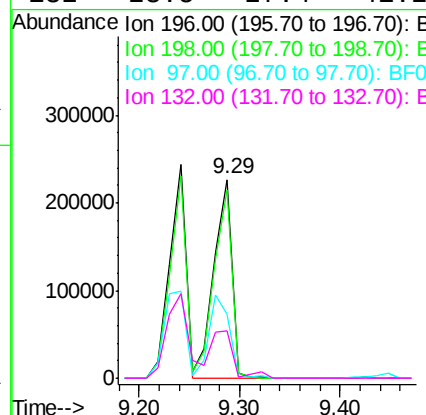
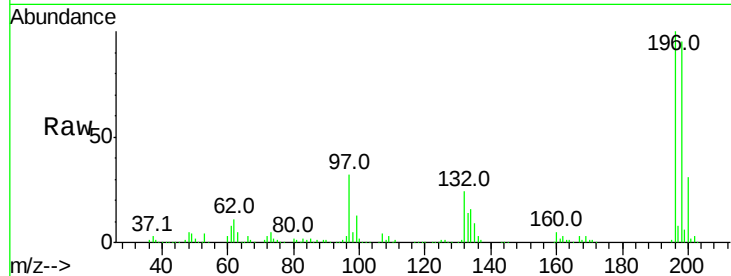
#43
 2,4,5-Trichlorophenol
 Concen: 47.21 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	282850		
198	94.5	79.4	119.2	
97	32.4	51.5	77.3	
132	23.5	27.4	41.2	

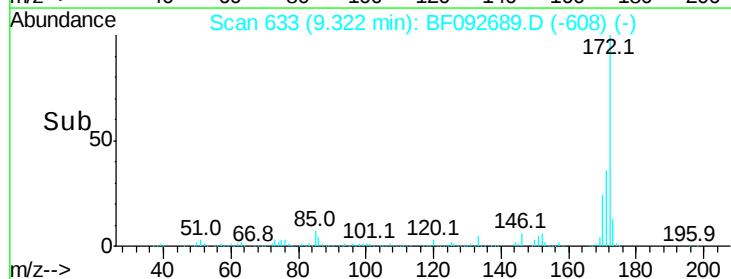
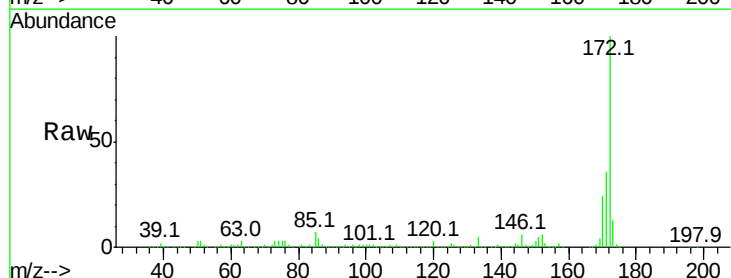
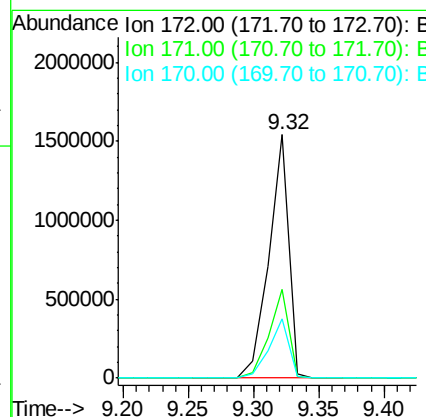
Manual Integrations
 APPROVED

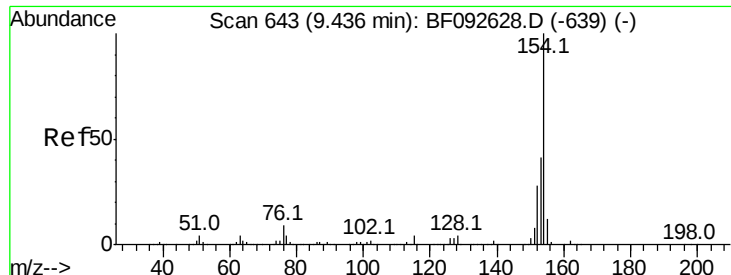
mohammad
 2/1/2017 2:27:34 PM



#44
 2-Fluorobiphenyl
 Concen: 100.42 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1643119		
171	36.5	29.4	44.0	
170	24.1	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 50.99 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:154 Resp: 1094571

Ion Ratio Lower Upper

154 100

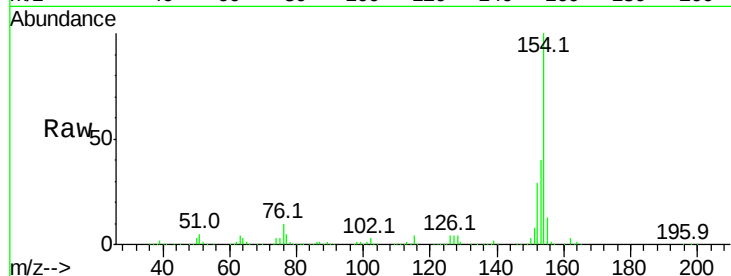
153 40.1 20.9 60.9

76 10.3 0.0 30.5

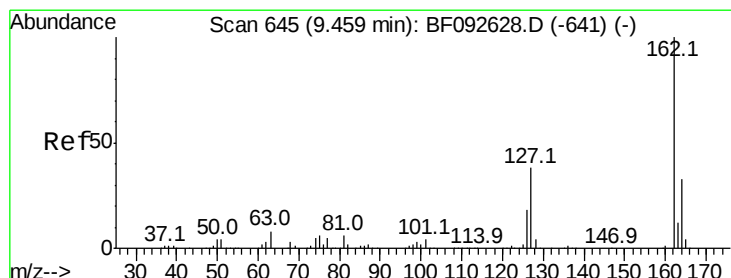
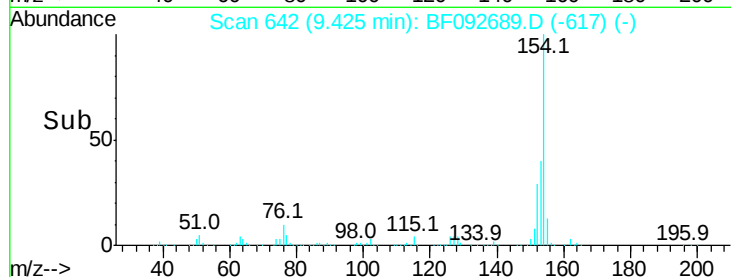
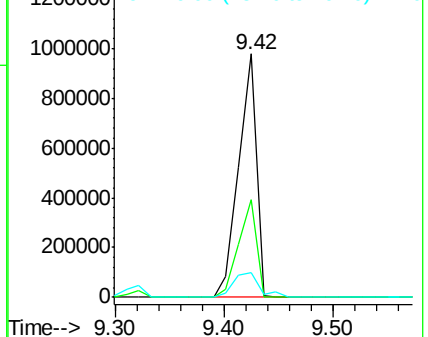
Manual Integrations
APPROVED

mohammad

2/1/2017 2:27:34 PM



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: 47.98 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

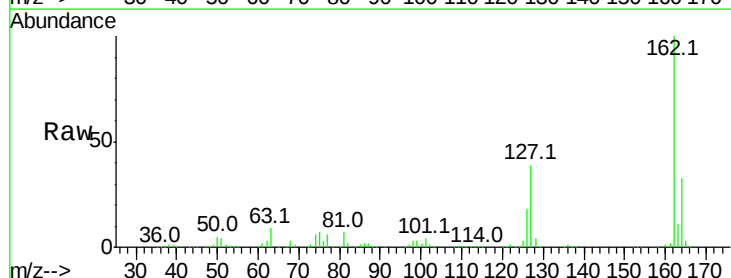
Tgt Ion:162 Resp: 805696

Ion Ratio Lower Upper

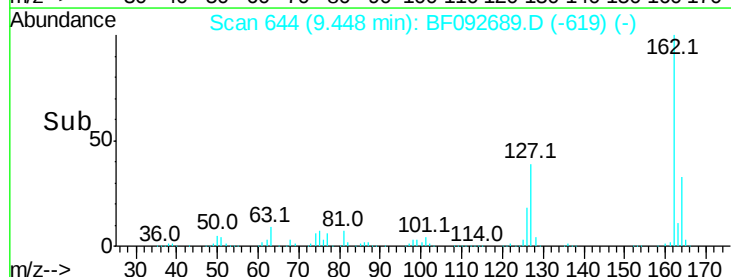
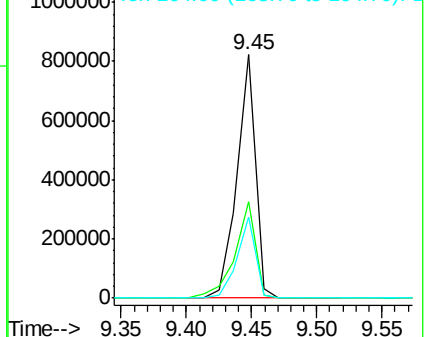
162 100

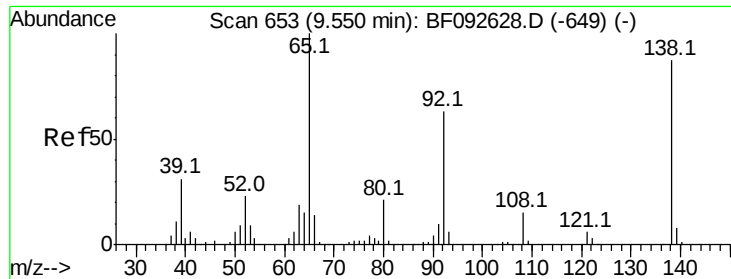
127 39.4 30.7 46.1

164 33.1 27.6 41.4



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





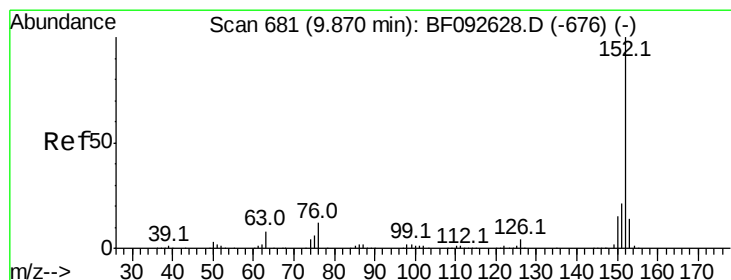
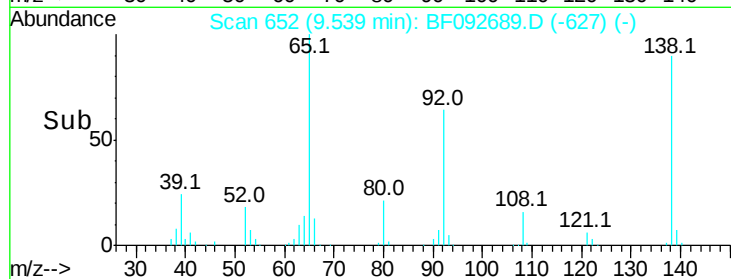
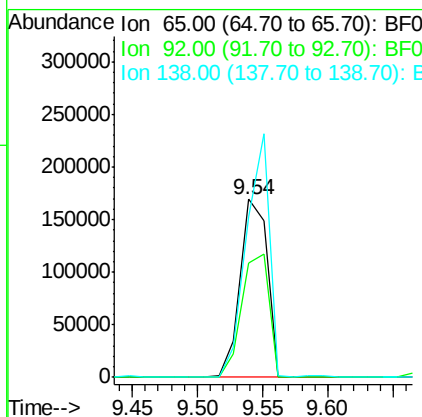
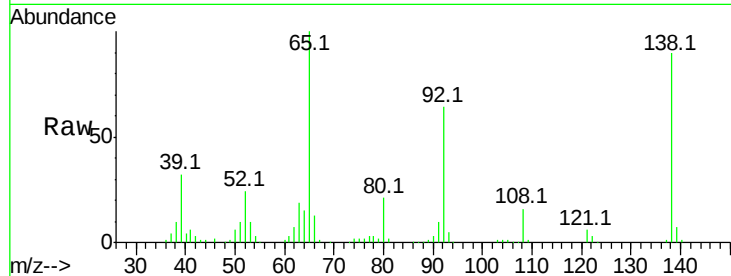
#47
2-Nitroaniline
Concen: 43.26 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	90.2	76.8	115.2

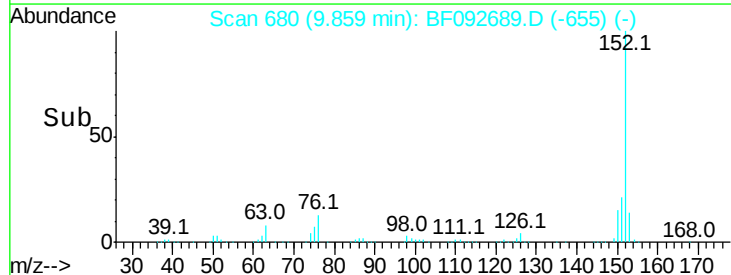
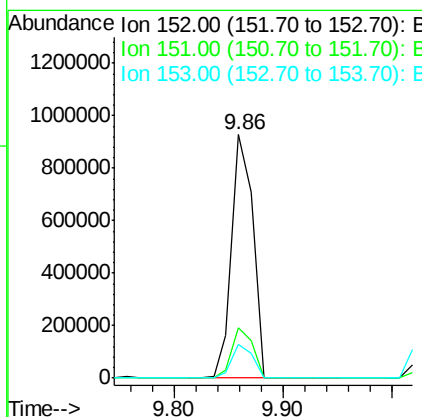
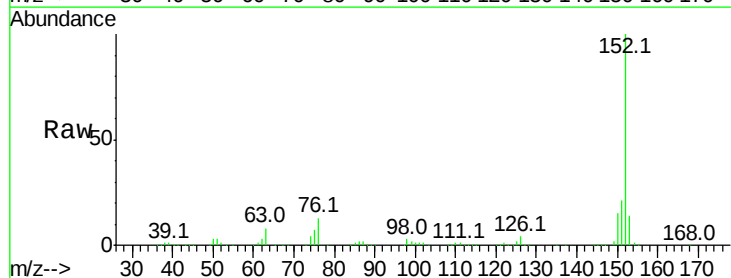
Manual Integrations
APPROVED

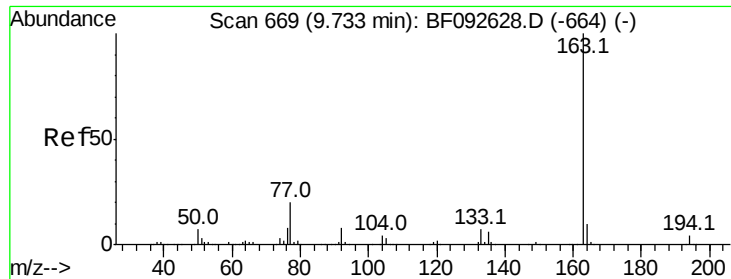
mohammad
2/1/2017 2:27:34 PM



#48
Acenaphthylene
Concen: 42.76 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

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





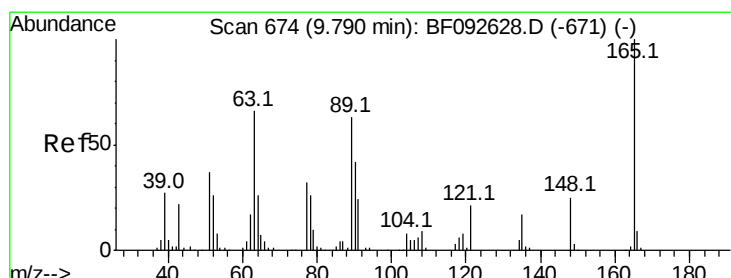
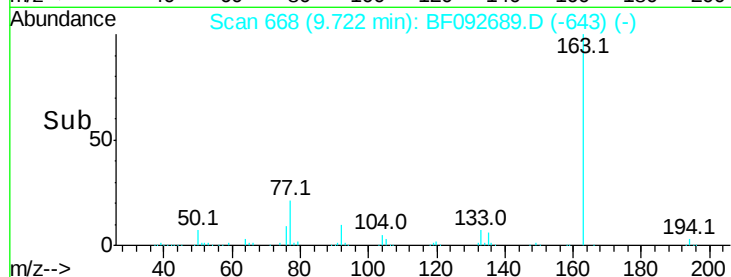
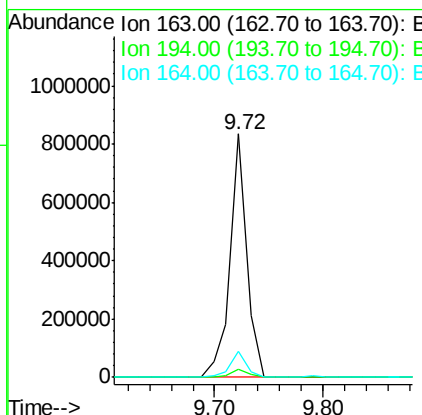
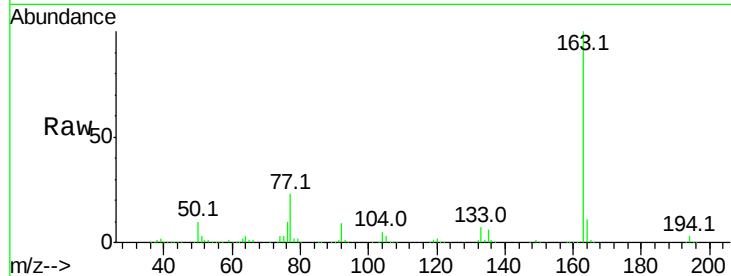
#49
Dimethylphthalate
Concen: 44.23 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	883160		
194	3.4		3.0	4.4
164	10.6		8.0	12.0

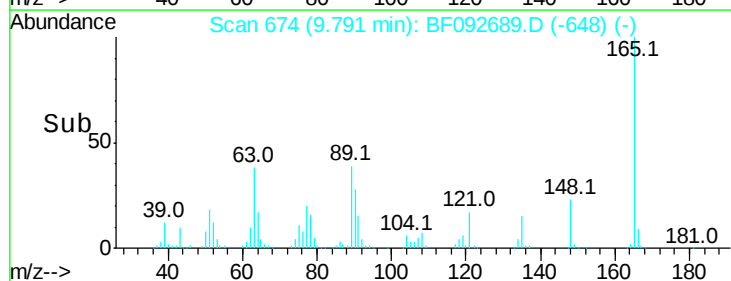
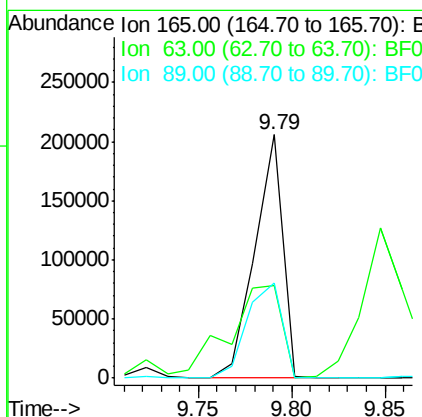
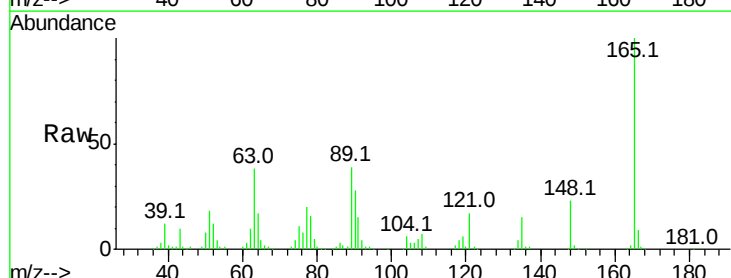
Manual Integrations
APPROVED

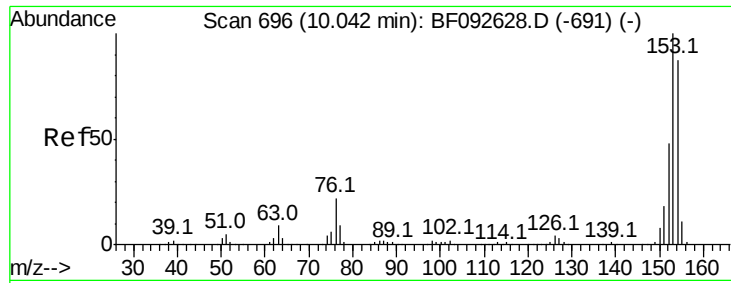
mohammad
2/1/2017 2:27:34 PM



#50
2,6-Dinitrotoluene
Concen: 50.33 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	217003		
63	37.9		36.2	54.4
89	39.1		40.2	60.4#





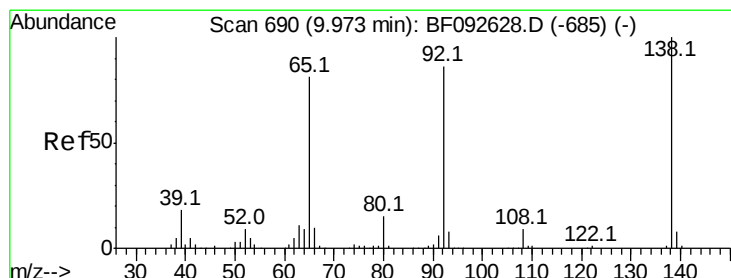
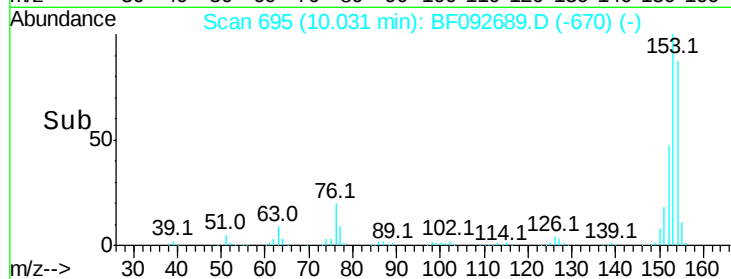
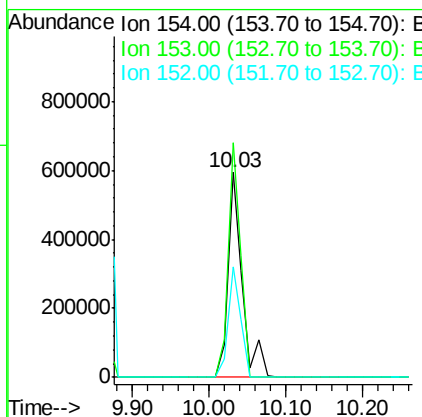
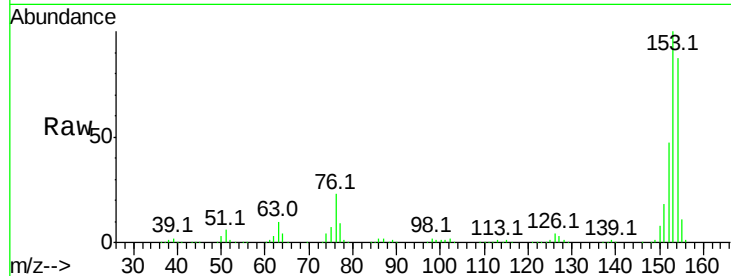
#51
Acenaphthene
Concen: 45.56 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.6	133.0
152	54.2	41.6	62.4

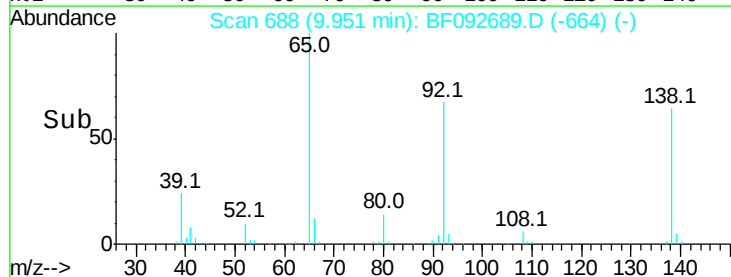
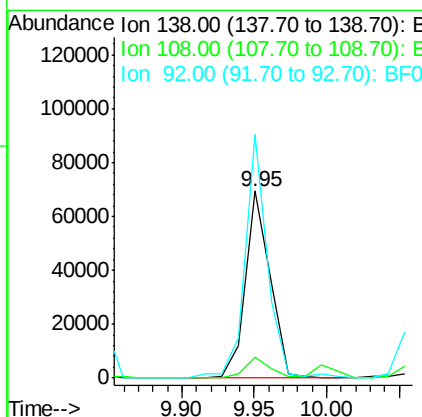
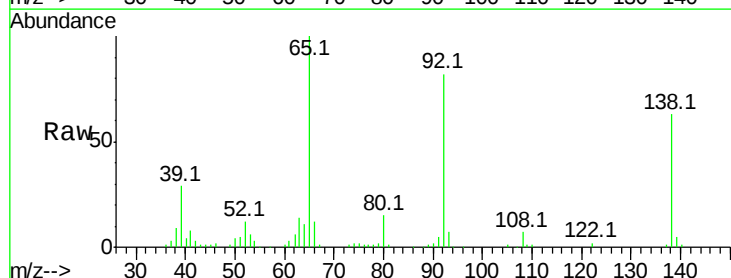
Manual Integrations
APPROVED

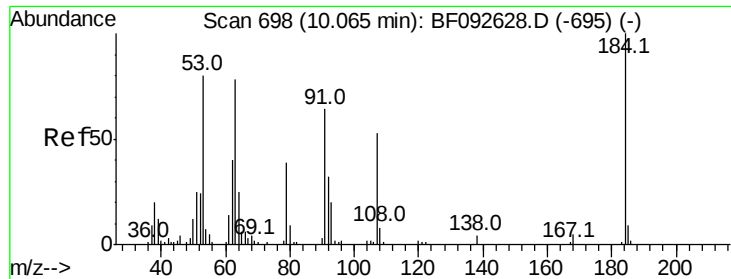
mohammad
2/1/2017 2:27:34 PM



#52
3-Nitroaniline
Concen: 16.54 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.5	12.7
92	130.2	97.8	146.8





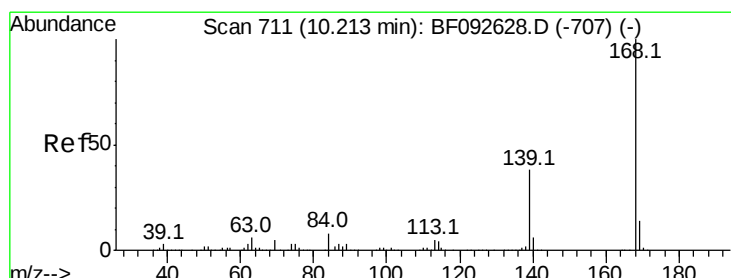
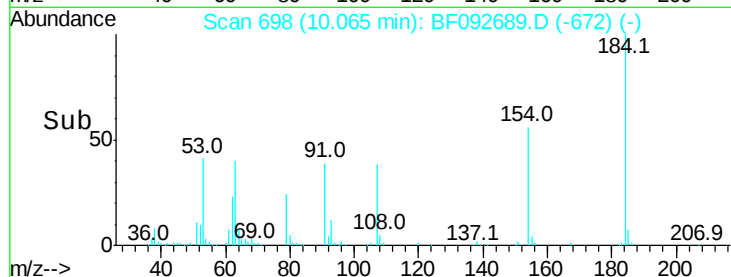
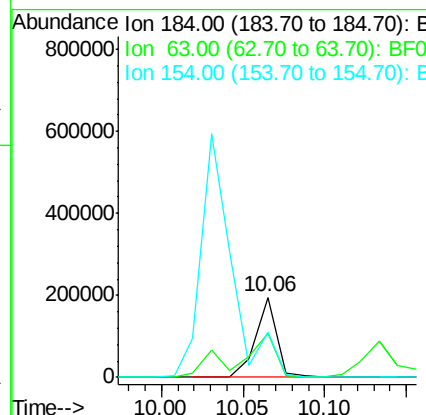
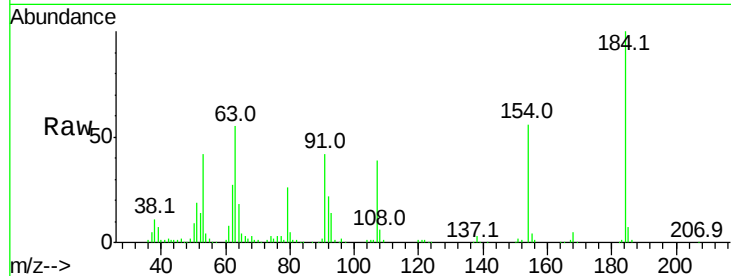
#53
2,4-Dinitrophenol
Concen: 80.84 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.6	28.4	42.6#
154	55.6	44.3	66.5

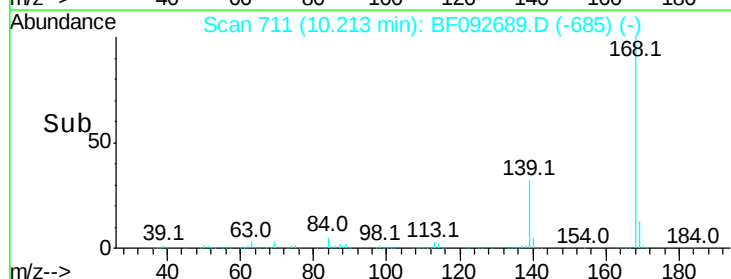
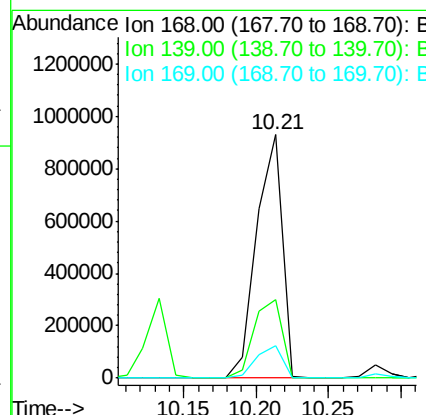
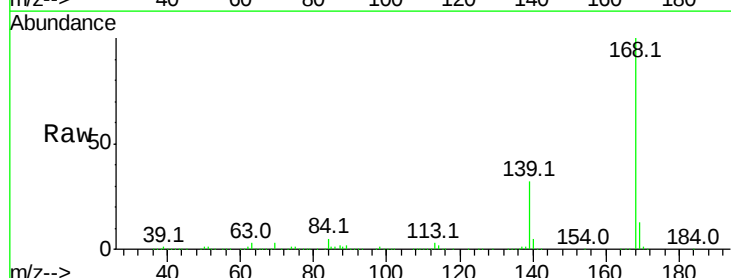
Manual Integrations
APPROVED

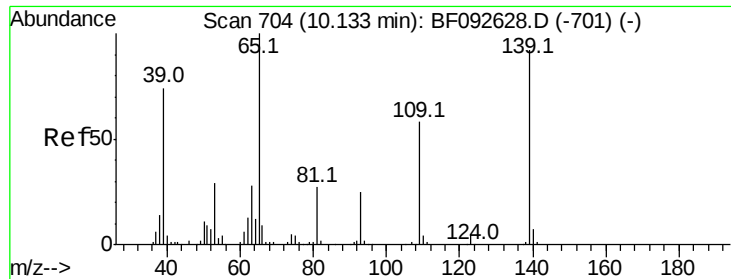
mohammad
2/1/2017 2:27:34 PM



#54
Dibenzofuran
Concen: 49.29 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	32.1	32.6	49.0#
169	13.2	11.3	16.9





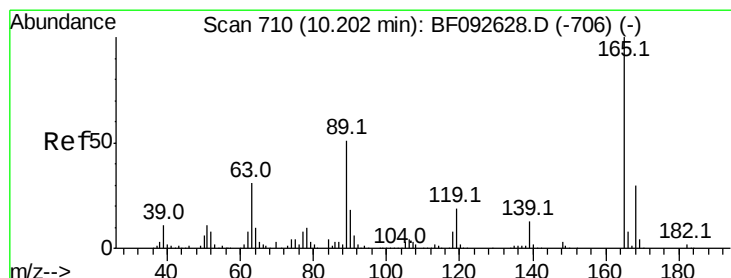
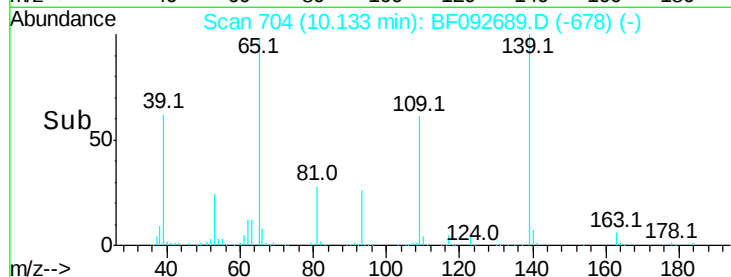
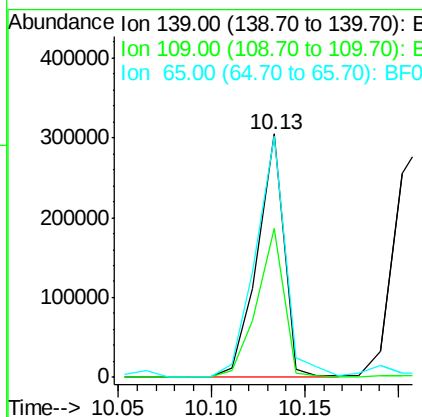
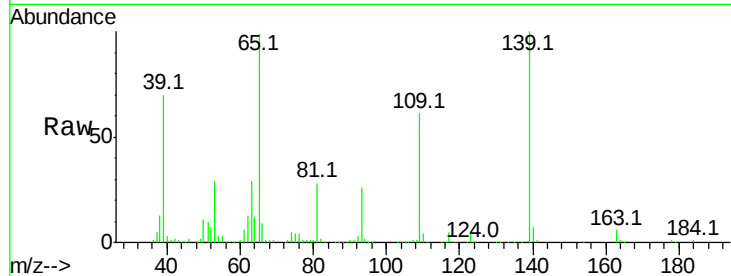
#55
4-Nitrophenol
Concen: 85.61 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.9	52.2	92.2
65	98.8	85.8	125.8

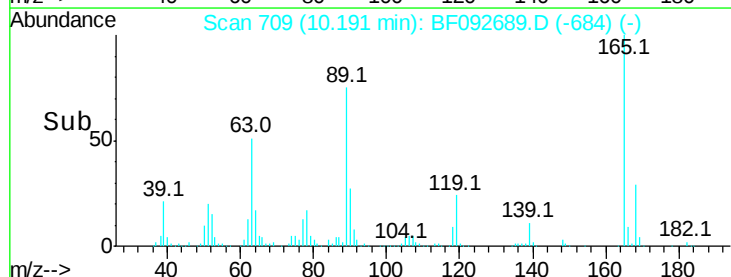
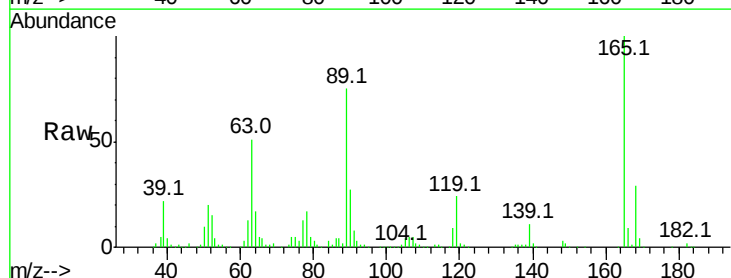
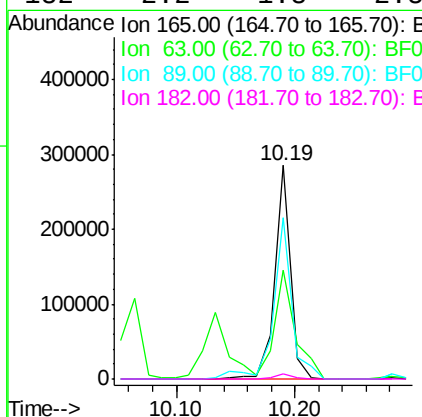
Manual Integrations
APPROVED

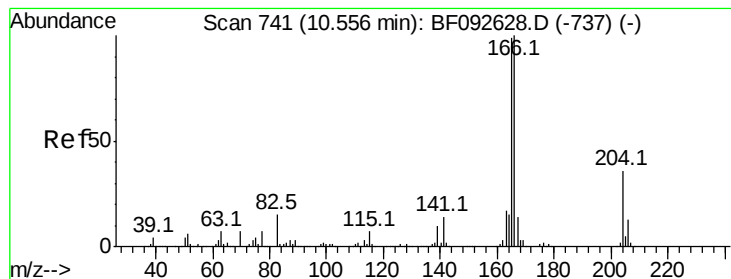
mohammad
2/1/2017 2:27:34 PM



#56
2,4-Dinitrotoluene
Concen: 45.46 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	40.2	60.4
89	75.2	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 47.98 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:166 Resp: 856270

Ion Ratio Lower Upper

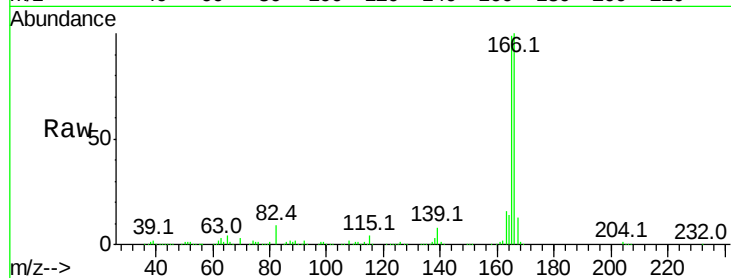
166 100

165 99.2 77.8 116.8

167 12.6 10.8 16.2

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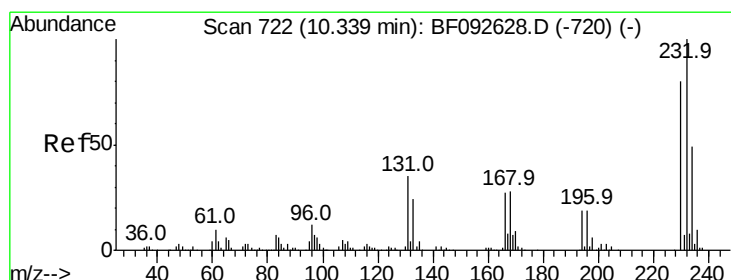
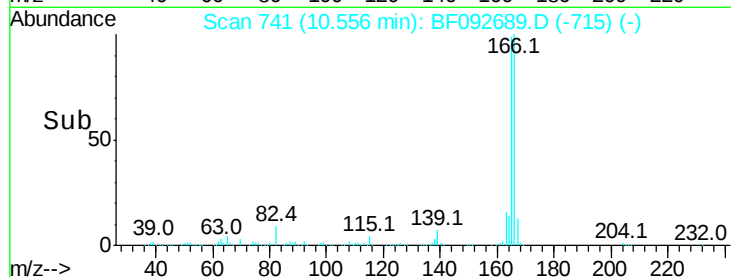
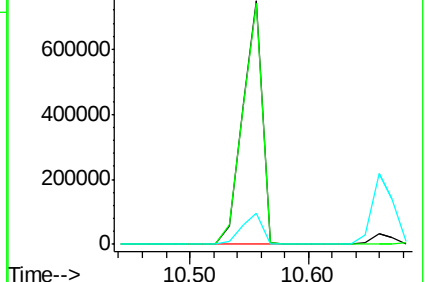
mohammad
2/1/2017 2:27:34 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.44 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:232 Resp: 209591

Ion Ratio Lower Upper

232 100

131 48.5 40.1 60.1

130 2.4 1.8 2.8

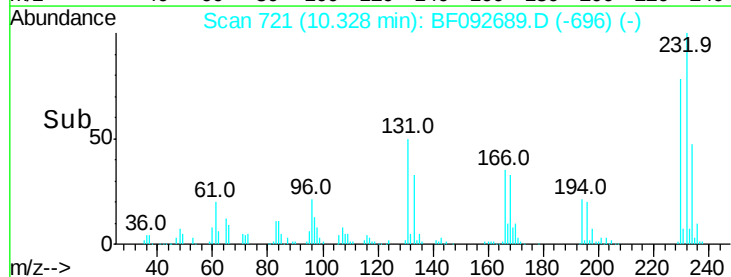
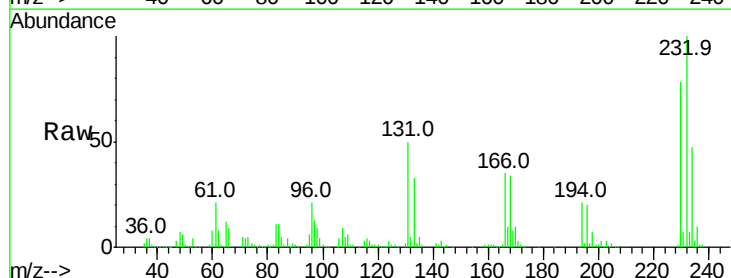
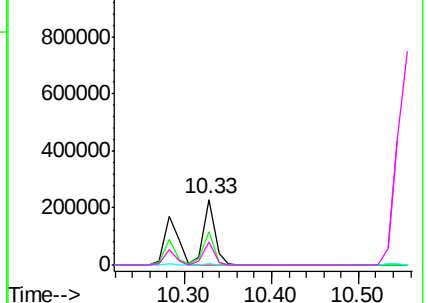
166 33.5 26.6 39.8

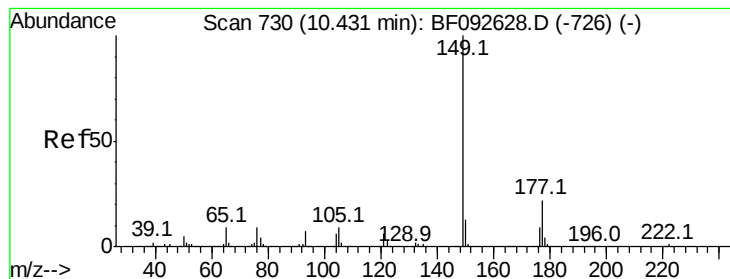
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.42 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

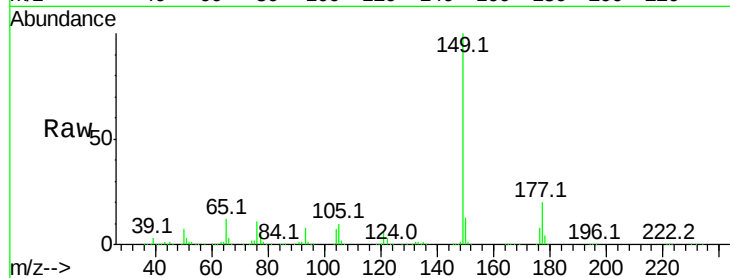
ClientSampleId :

WC-B15-B21-001MSD

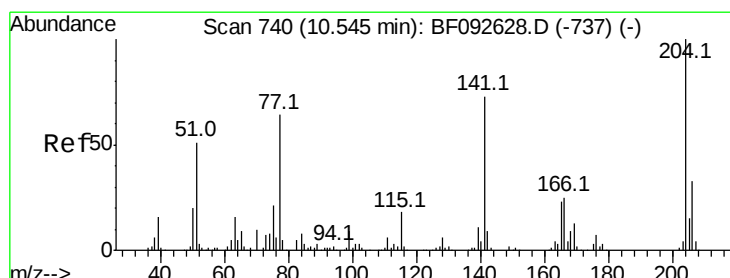
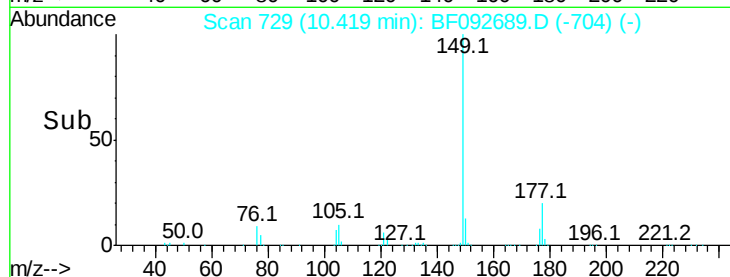
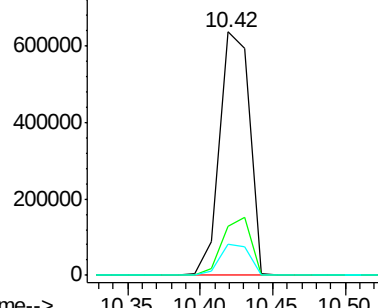
Tot Ion:	149	Resp:	911183
Ion Ratio	Lower	Upper	
149	100		
177	20.2	16.6	25.0
150	12.9	10.4	15.6

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: 47.60 ng

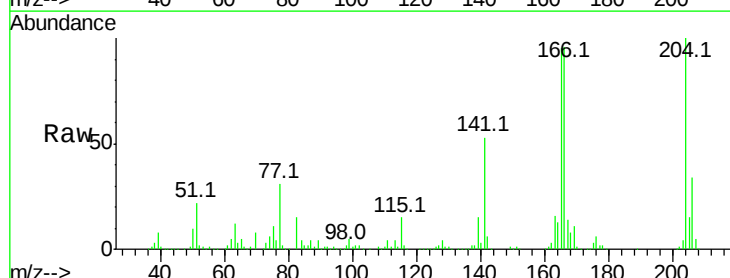
RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

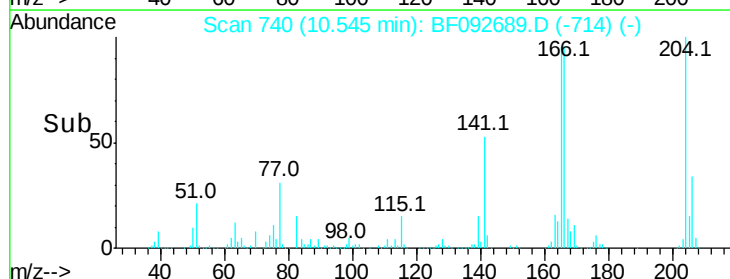
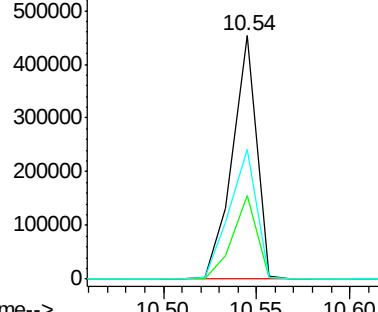
Lab File: BF092689.D

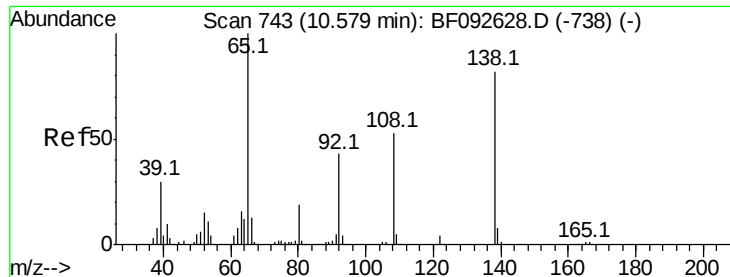
Acq: 31 Jan 2017 19:02

Tgt Ion:	204	Resp:	408081
Ion Ratio	Lower	Upper	
204	100		
206	34.4	25.8	38.6
141	53.3	59.4	89.0#



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





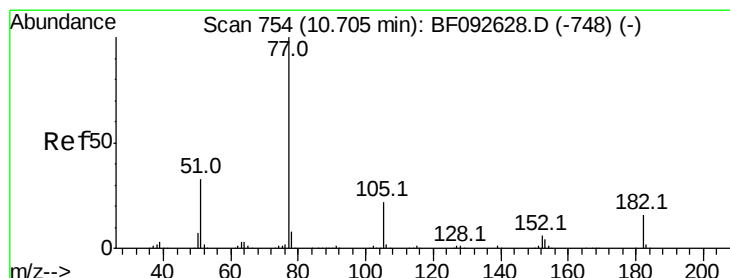
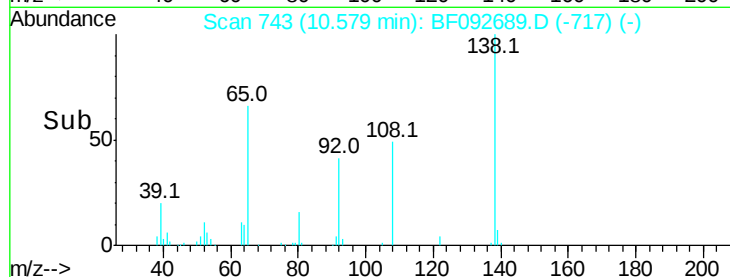
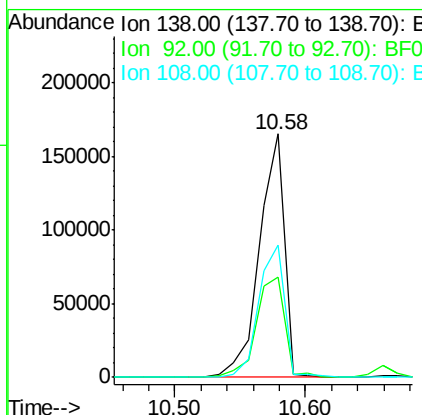
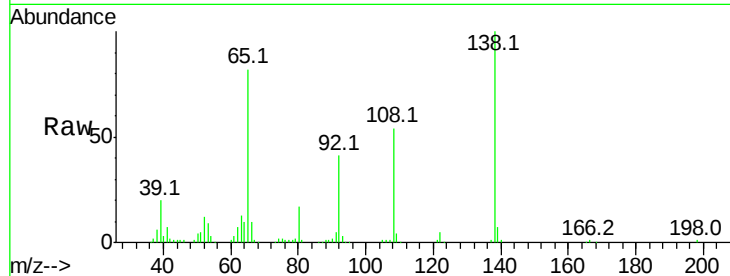
#61
4-Nitroaniline
Concen: 43.82 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.4	31.7	71.7
108	54.2	52.6	92.6

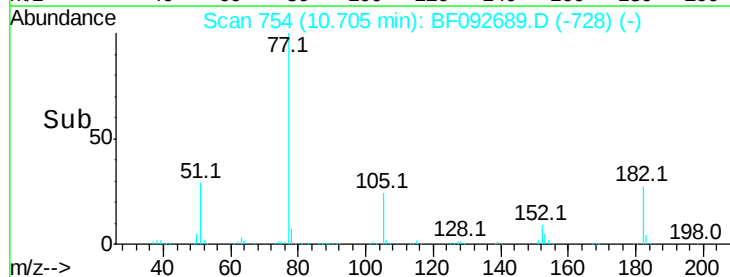
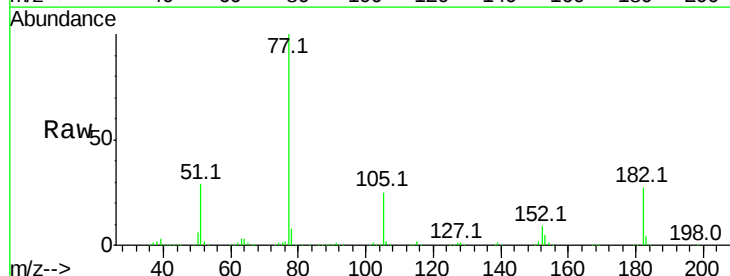
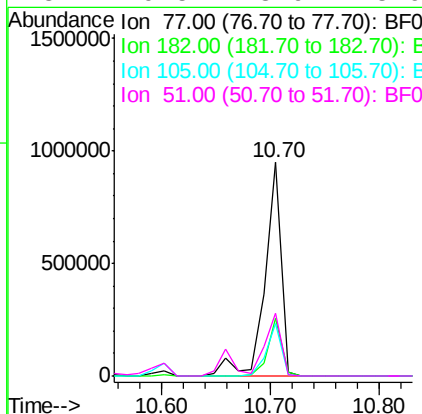
Manual Integrations
APPROVED

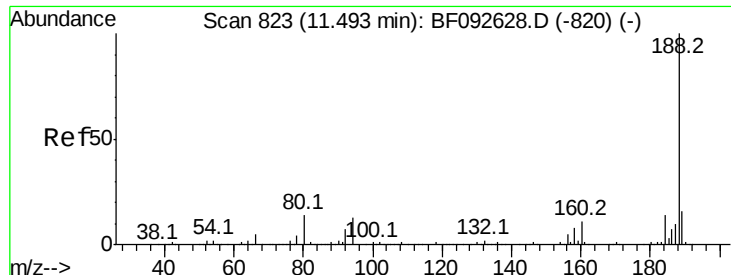
mohammad
2/1/2017 2:27:34 PM



#62
Azobenzene
Concen: 52.00 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	0.0	39.3
105	24.6	2.3	42.3
51	29.5	8.9	48.9





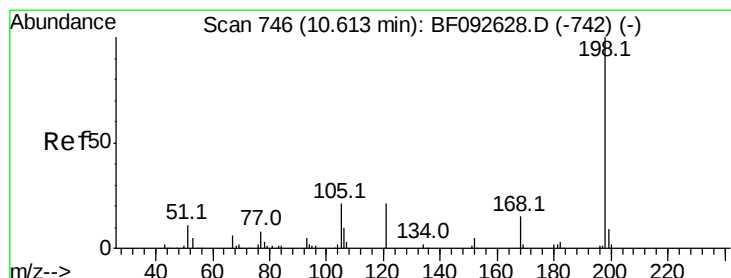
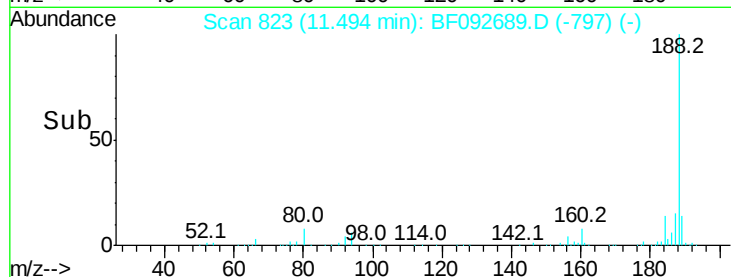
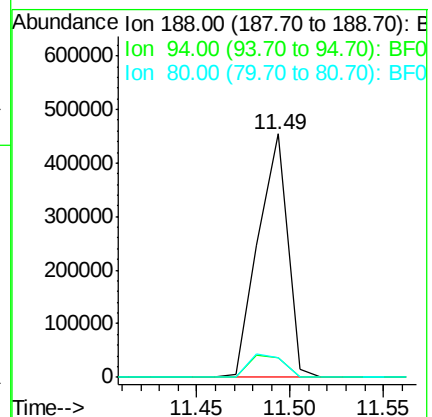
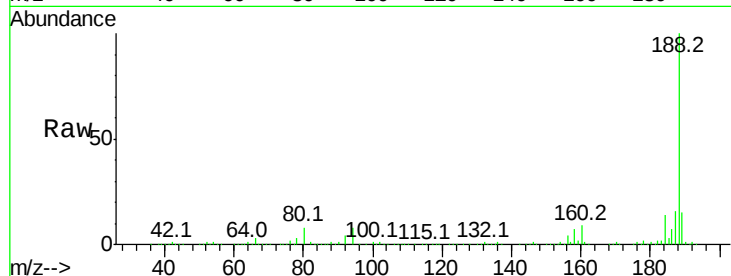
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.3	10.0	15.0#	
80	8.3	11.2	16.8#	

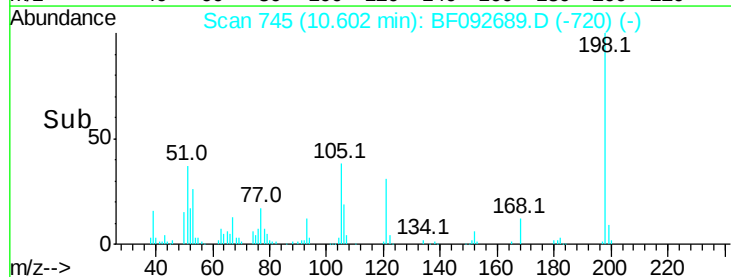
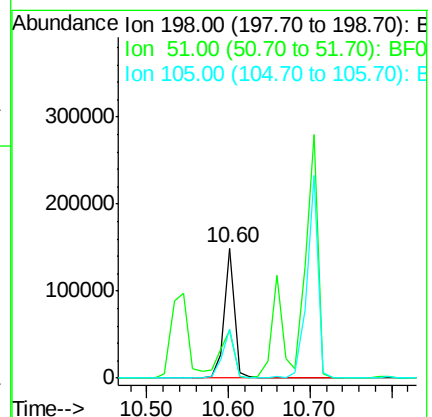
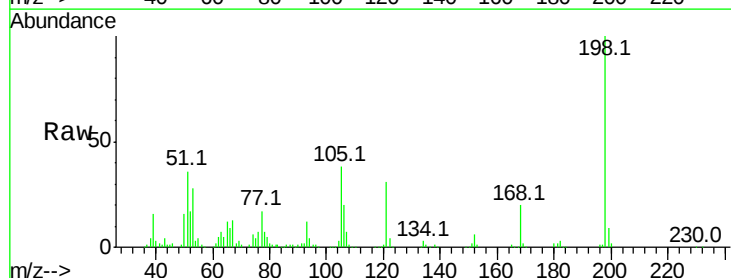
Manual Integrations
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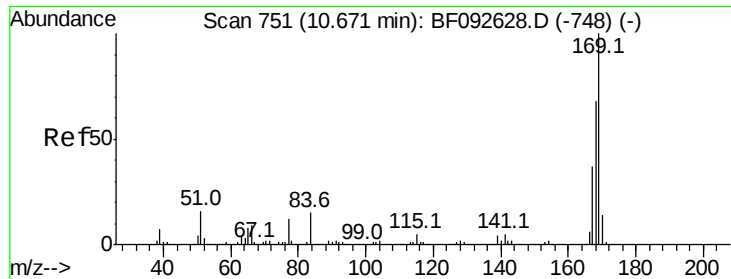
mohammad
2/1/2017 2:27:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.39 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	36.5	6.7	46.7	
105	37.7	16.6	56.6	





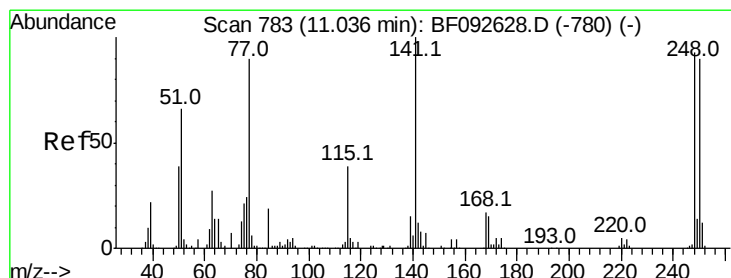
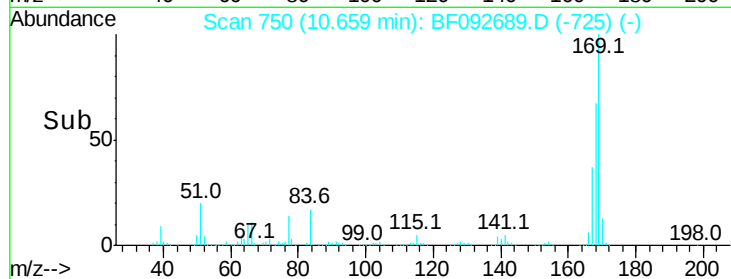
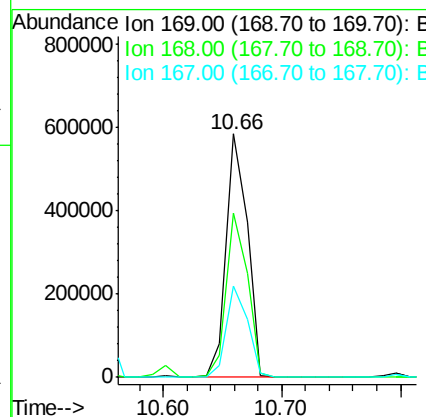
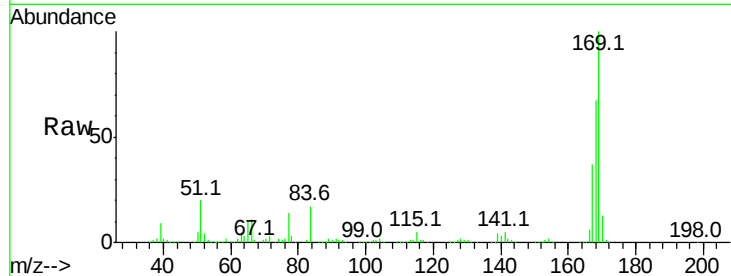
#65
n-Nitrosodiphenylamine
Concen: 45.34 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.4	54.2	81.2	
167	37.5	30.2	45.4	

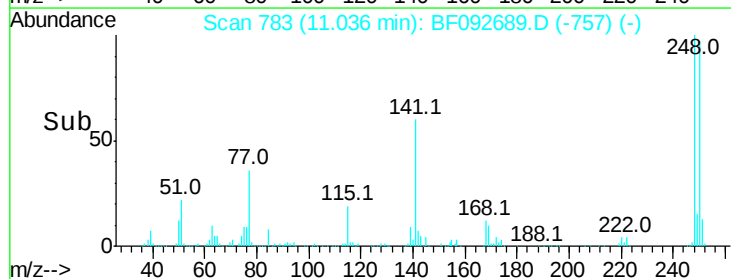
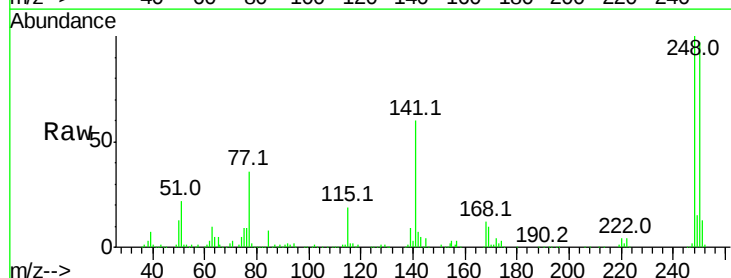
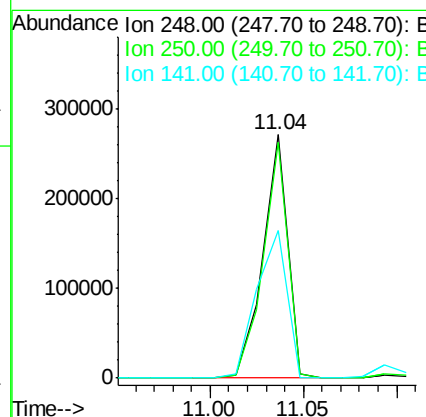
Manual Integrations
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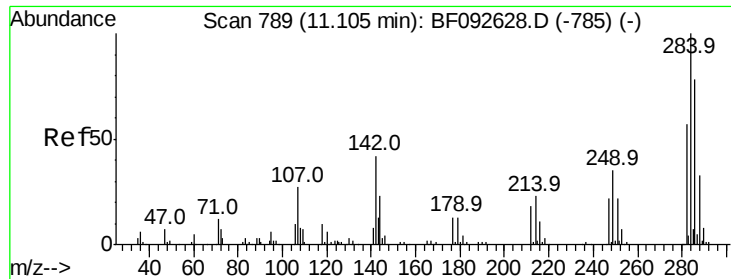
mohammad
2/1/2017 2:27:34 PM



#66
4-Bromophenyl-phenylether
Concen: 47.70 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	76.9	115.3	
141	60.4	68.2	102.4	





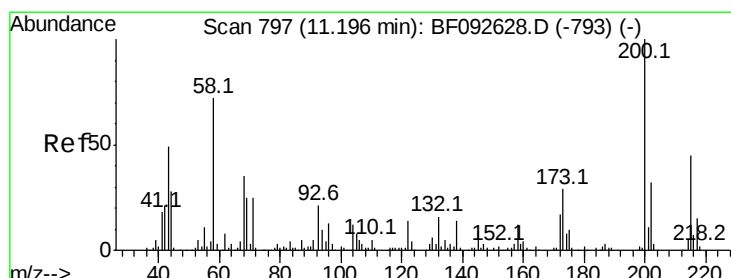
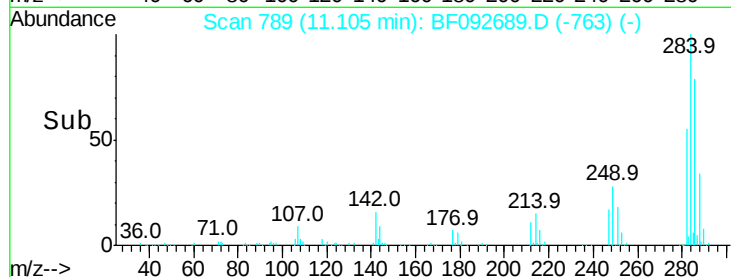
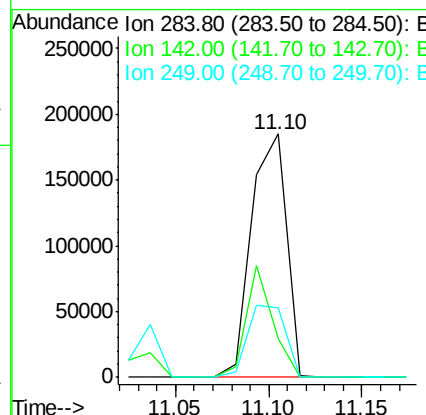
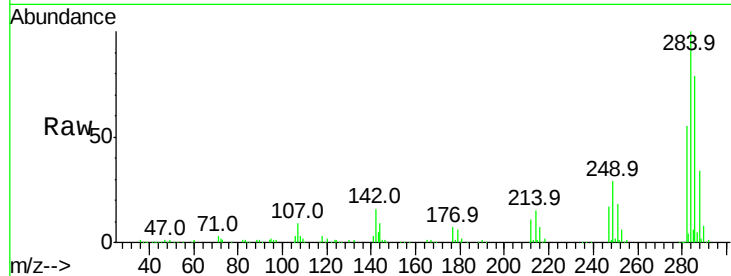
#67
Hexachlorobenzene
Concen: 46.86 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	240083		
142	16.0	22.6	33.8#	
249	28.7	25.4	38.0	

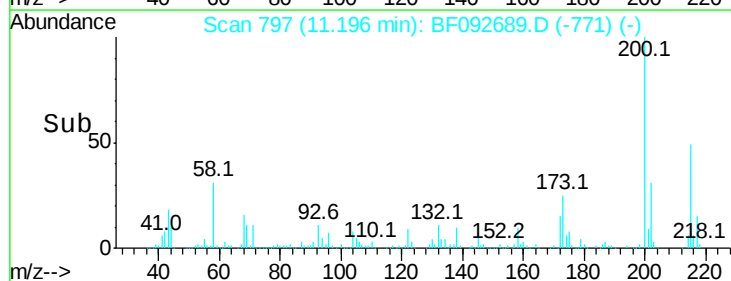
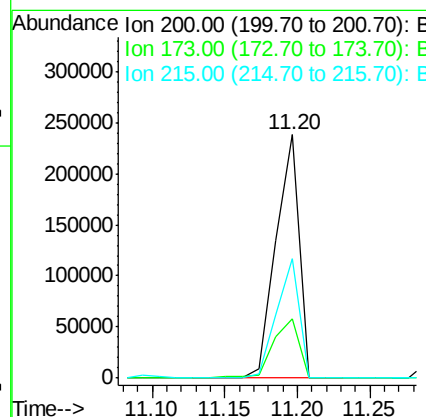
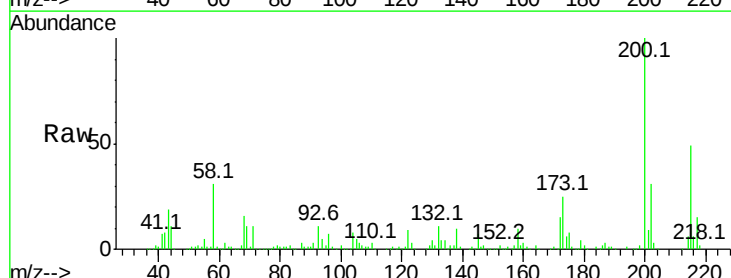
Manual Integrations
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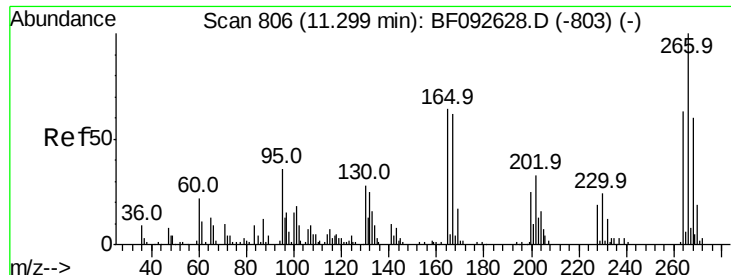
mohammad
2/1/2017 2:27:34 PM



#68
Atrazine
Concen: 51.67 ng
RT: 11.20 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	262872		
173	24.5	9.6	49.6	
215	48.9	25.7	65.7	





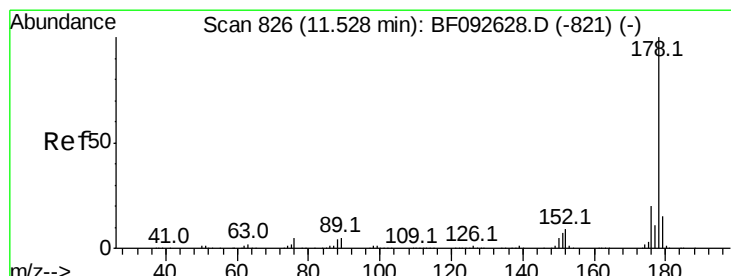
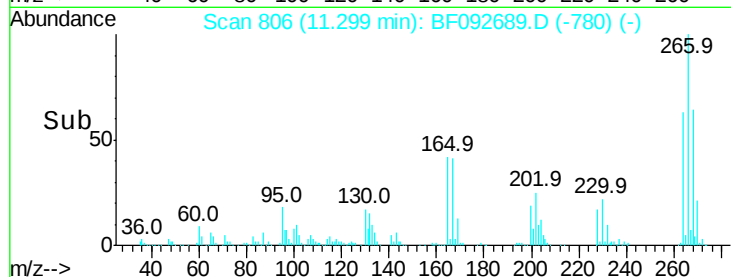
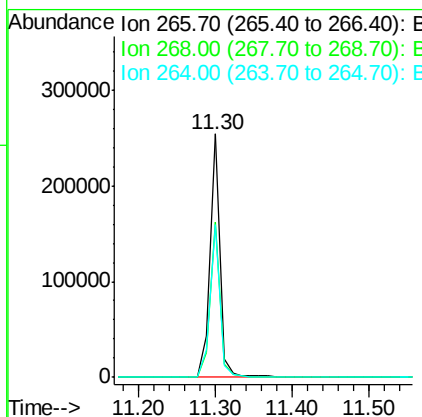
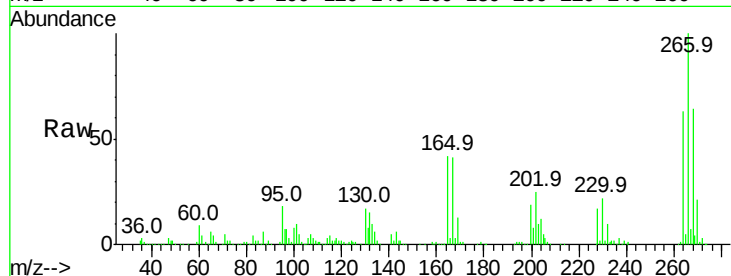
#69
 Pentachlorophenol
 Concen: 85.69 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	53.3	79.9
264	62.5	50.3	75.5

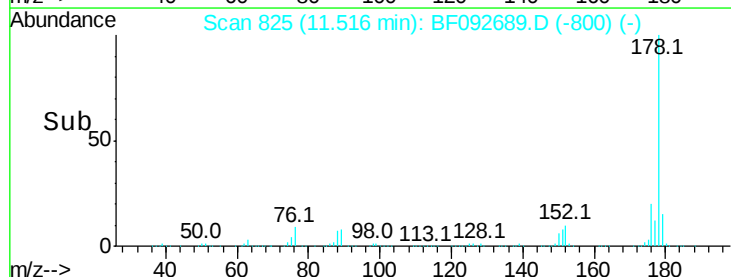
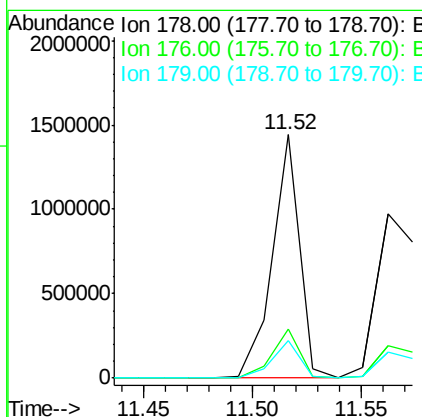
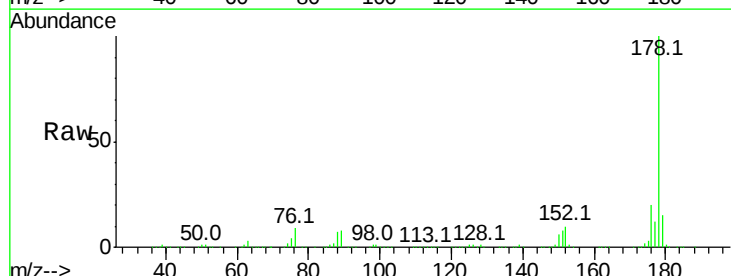
Manual Integrations
 APPROVED

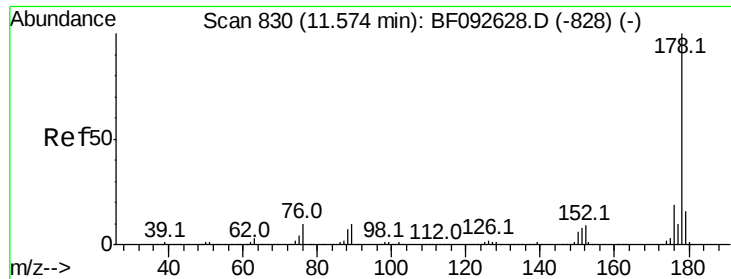
mohammad
 2/1/2017 2:27:34 PM



#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.5	12.8	19.2





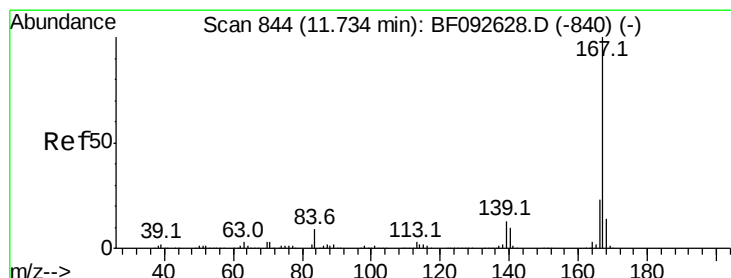
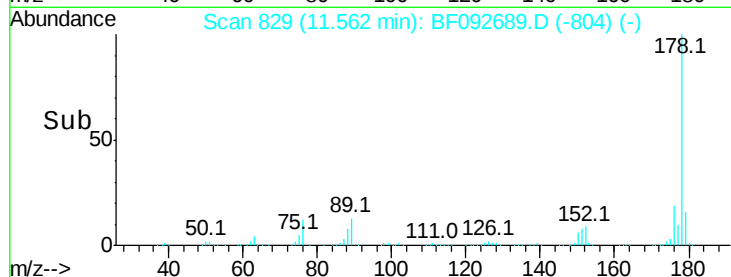
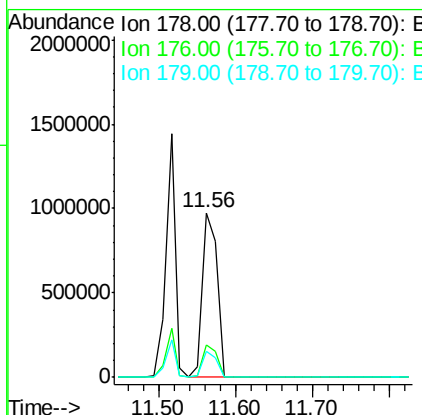
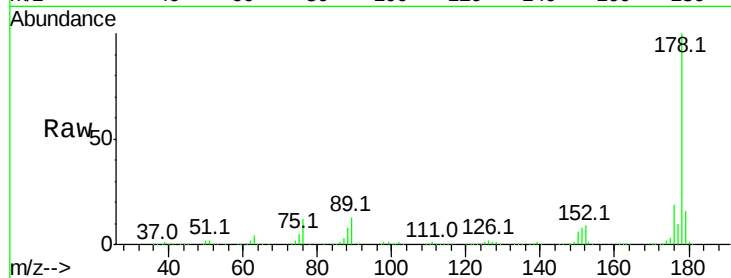
#71
 Anthracene
 Concen: 44.80 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion:178 Resp: 1279070
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.8 13.2 19.8

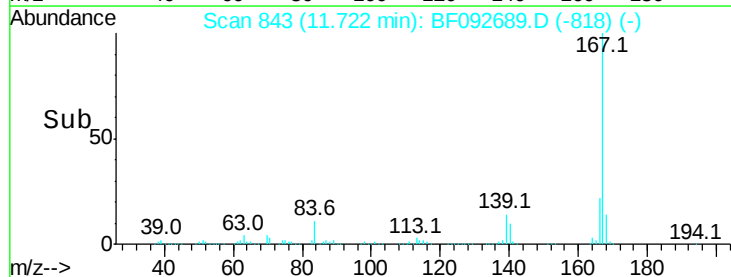
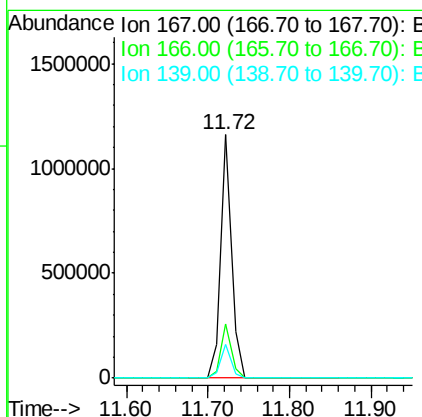
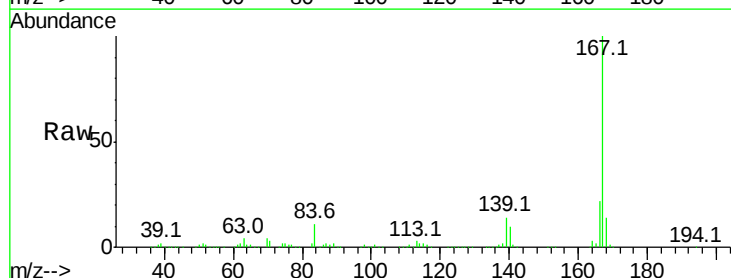
Manual Integrations
 APPROVED

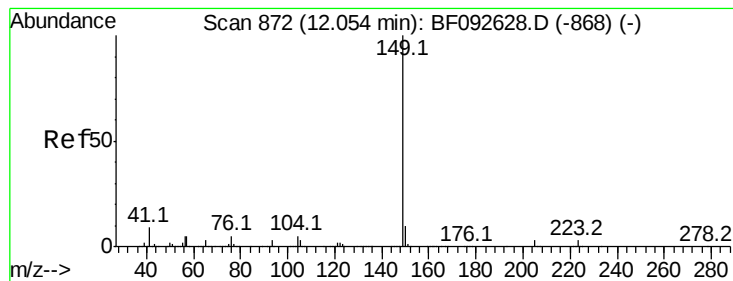
mohammad
 2/1/2017 2:27:34 PM



#72
 Carbazole
 Concen: 39.28 ng
 RT: 11.72 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Tgt Ion:167 Resp: 1072253
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.6 11.4 17.2





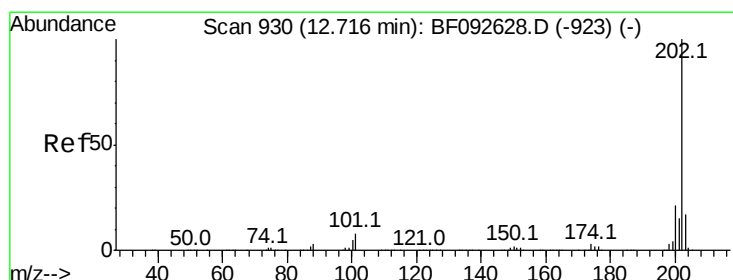
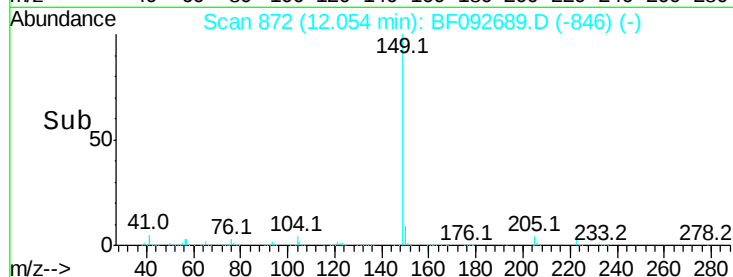
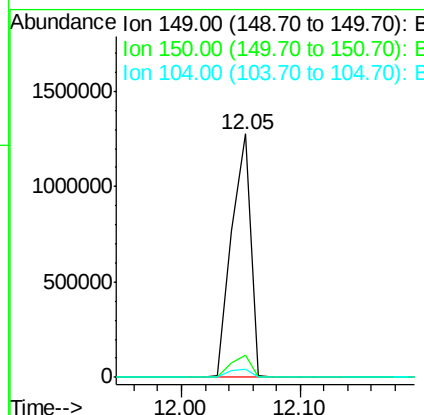
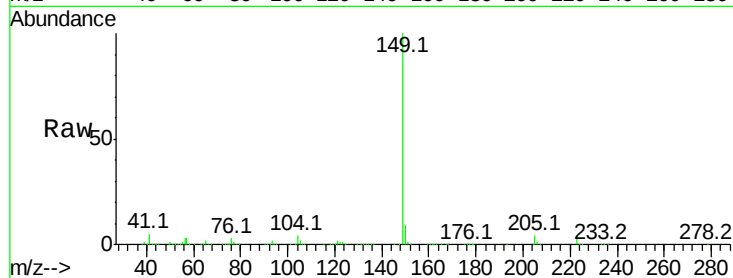
#73
Di-n-butylphthalate
Concen: 48.00 ng
RT: 12.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	3.6	4.6	7.0

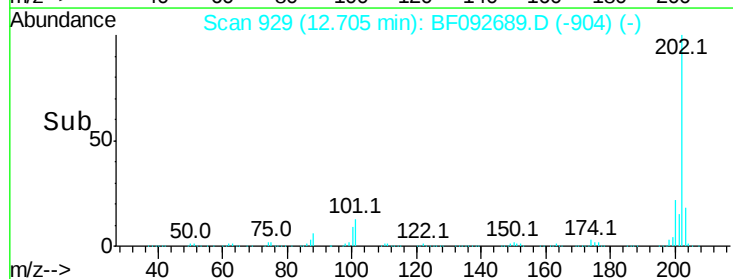
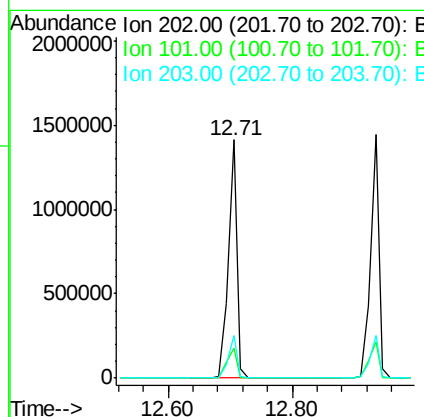
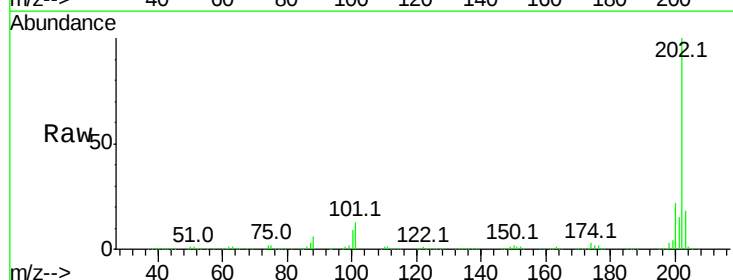
Manual Integrations
APPROVED

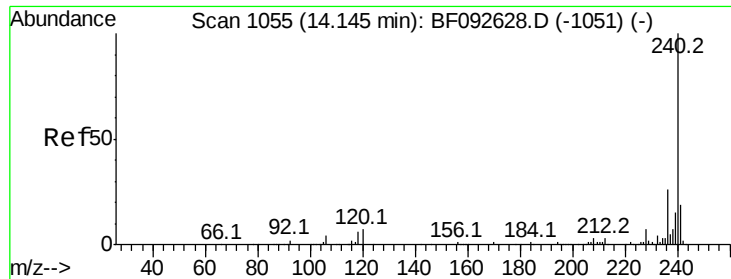
mohammad
2/1/2017 2:27:34 PM



#74
Fluoranthene
Concen: 45.10 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.6
203	18.0	0.0	38.7





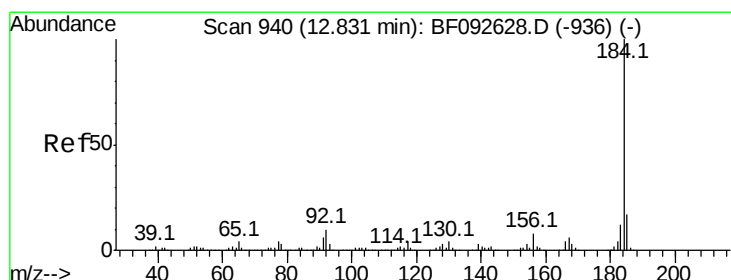
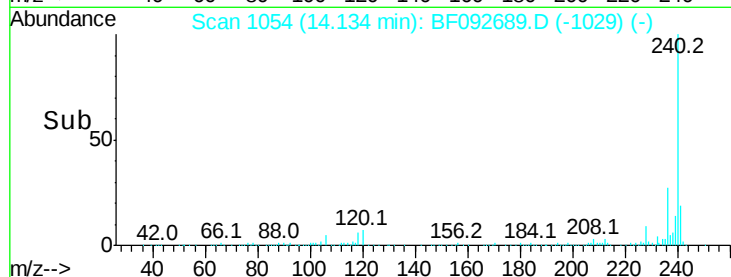
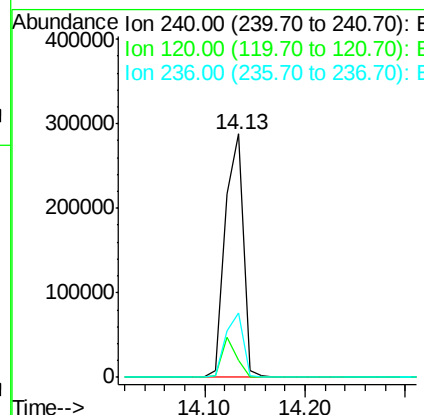
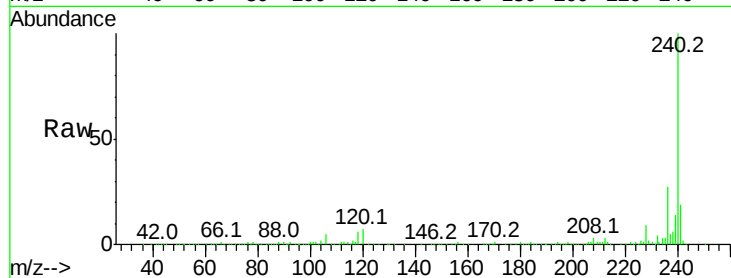
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.3	12.9	19.3	
236	26.5	20.9	31.3	

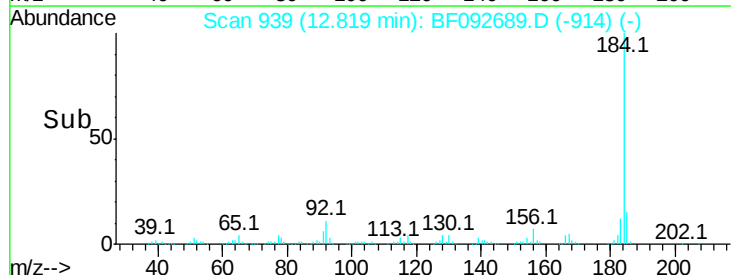
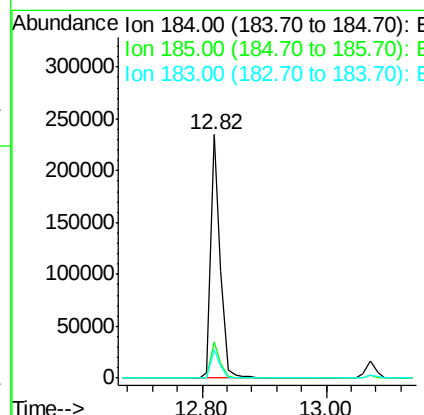
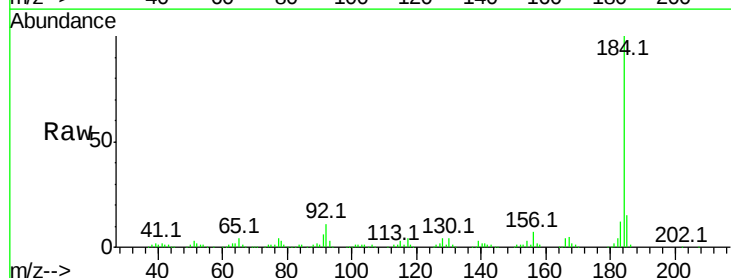
Manual Integrations
APPROVED

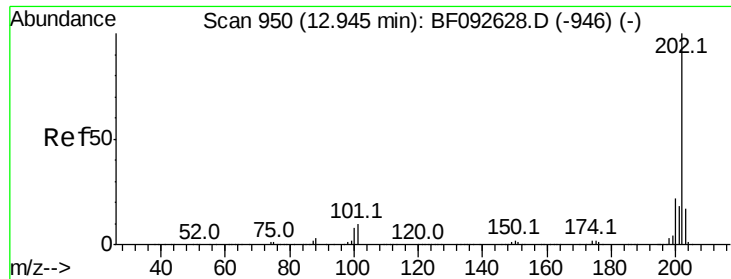
mohammad
2/1/2017 2:27:34 PM



#76
Benzidine
Concen: 16.29 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

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





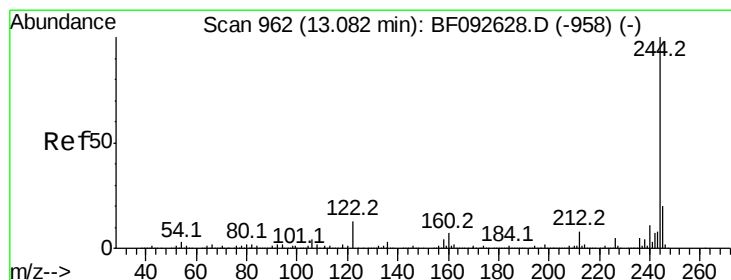
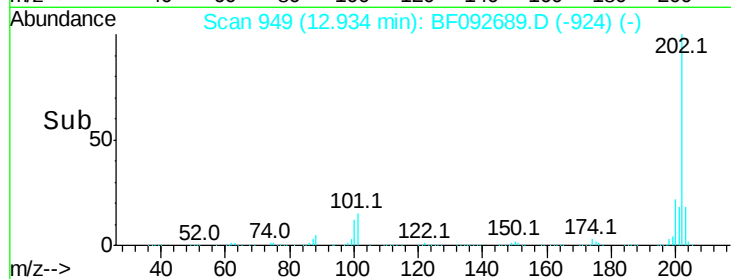
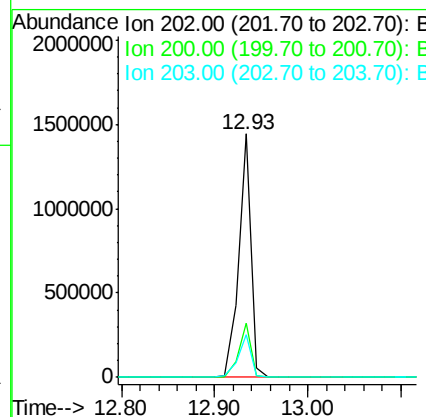
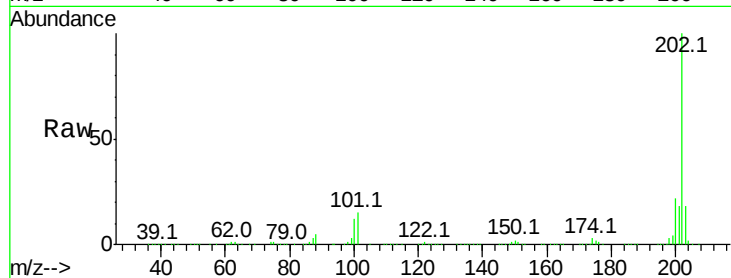
#77
Pvrene
Concen: 49.76 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion:202 Resp: 1339918
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1

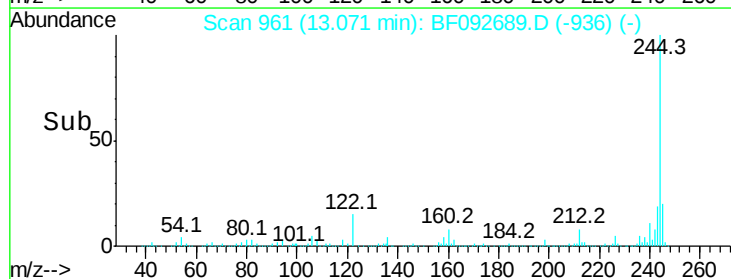
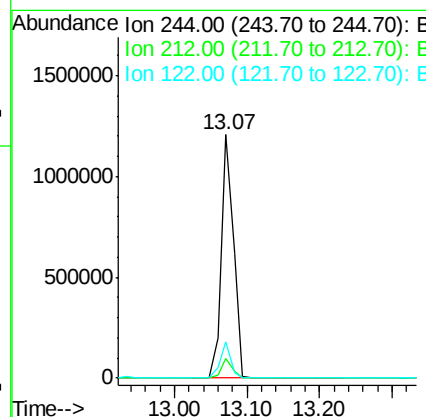
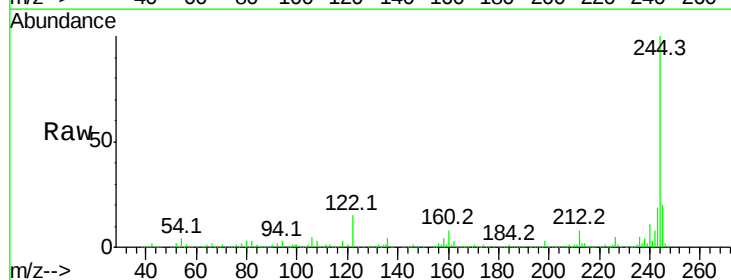
Manual Integrations
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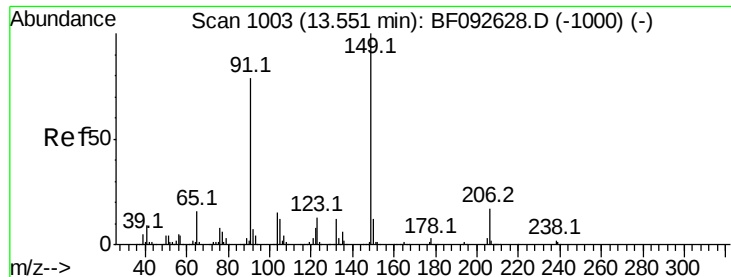
mohammad
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#78
Terphenyl-d14
Concen: 91.58 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion:244 Resp: 1402609
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 14.9 11.4 17.2





#79

Butylbenzylphthalate

Concen: 58.25 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

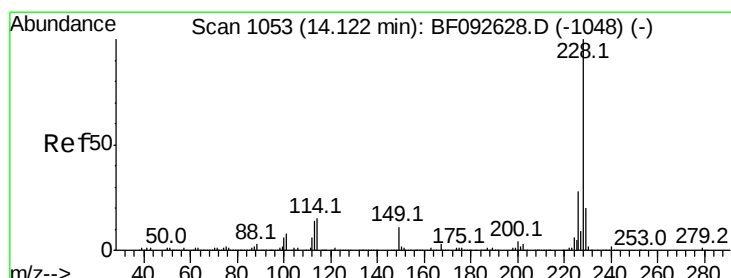
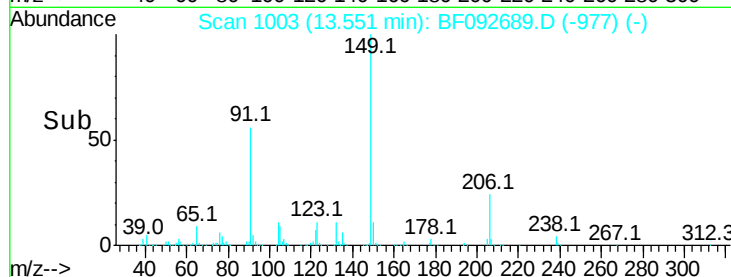
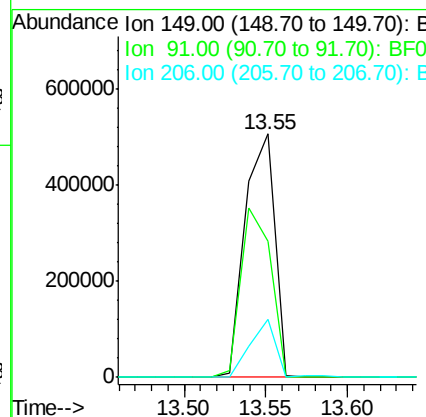
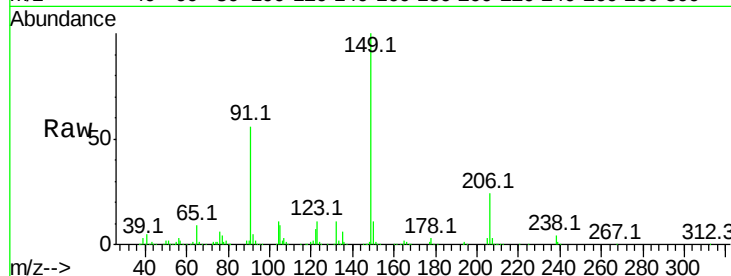
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	149	Resp:	637063
Ion Ratio	Lower	Upper	
149	100		
91	55.9	63.9	95.9#
206	23.9	14.6	21.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 47.02 ng

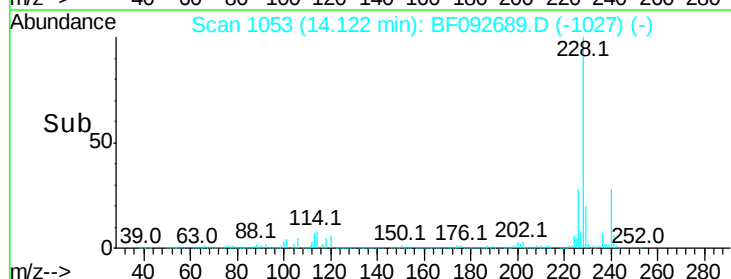
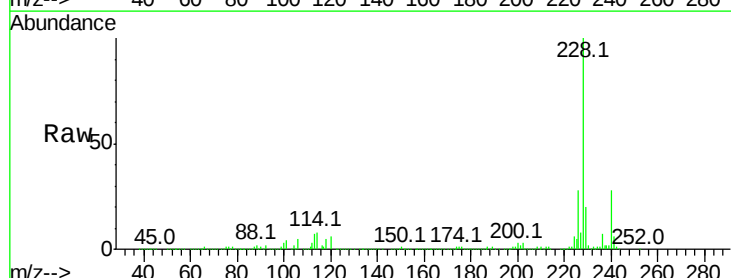
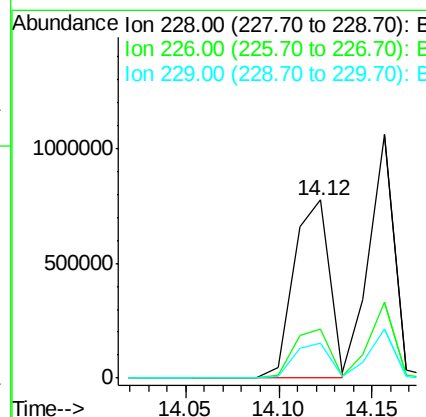
RT: 14.12 min Scan# 1053

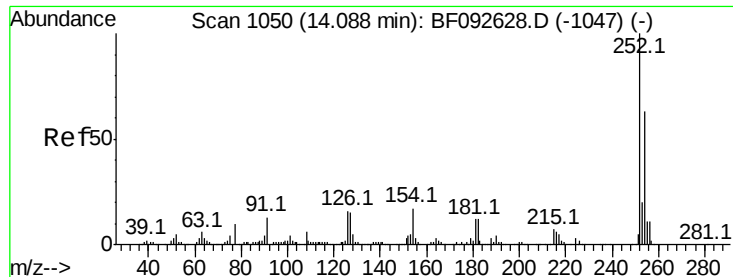
Delta R.T. 0.00 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	228	Resp:	1034870
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.4	33.6
229	19.5	16.2	24.4





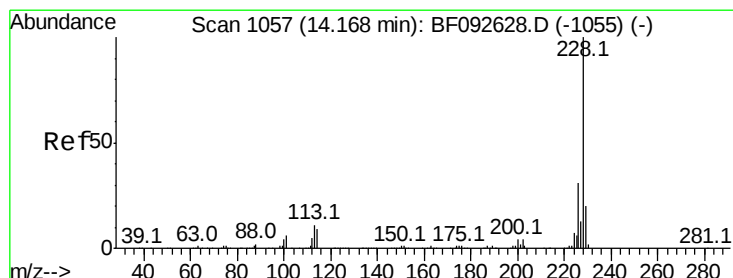
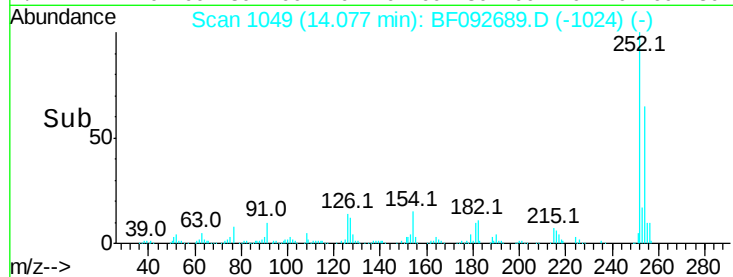
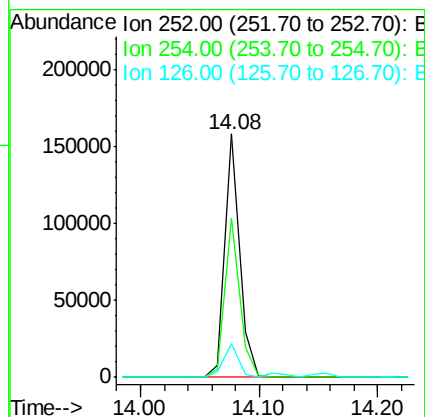
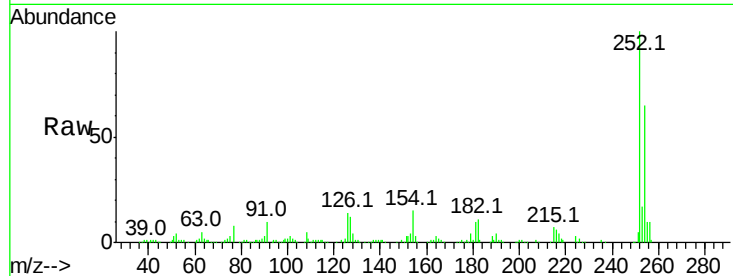
#81
 3,3'-Dichlorobenzidine
 Concen: 17.34 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	136045		
254	65.3	52.3	78.5	
126	13.6	13.6	20.4	

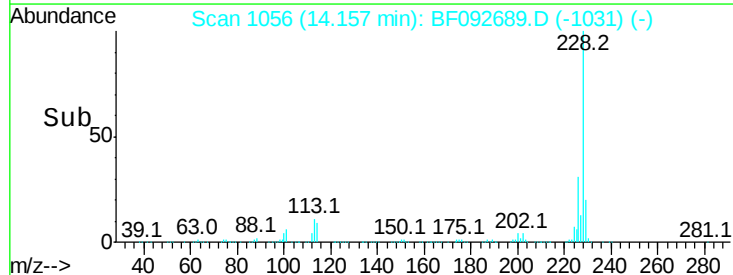
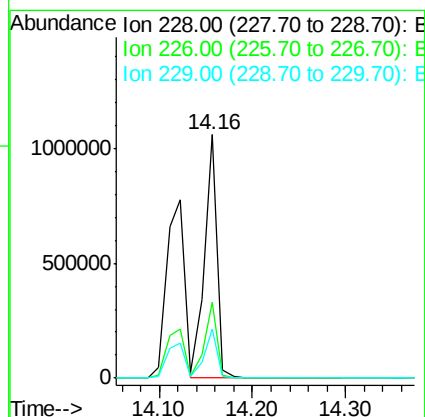
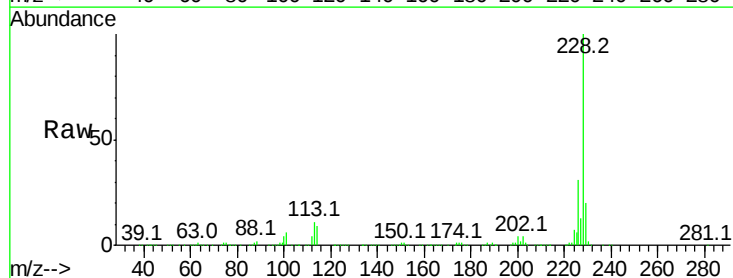
Manual Integrations
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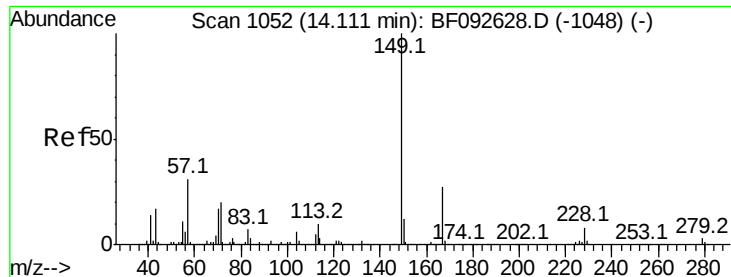
mohammad
 2/1/2017 2:27:34 PM



#82
 Chrysene
 Concen: 48.35 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	996423		
226	31.2	25.4	38.0	
229	19.9	16.2	24.2	





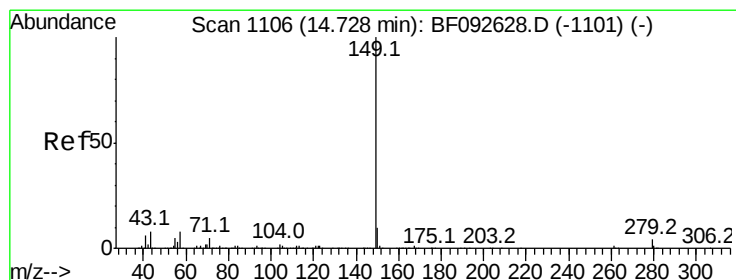
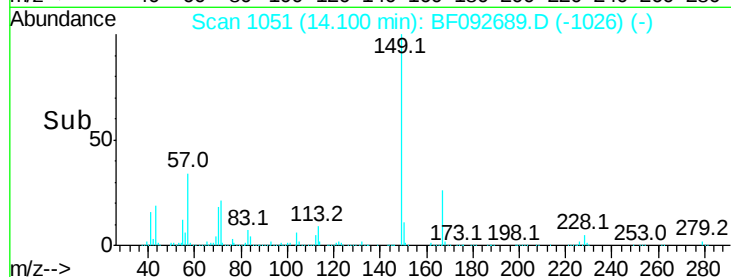
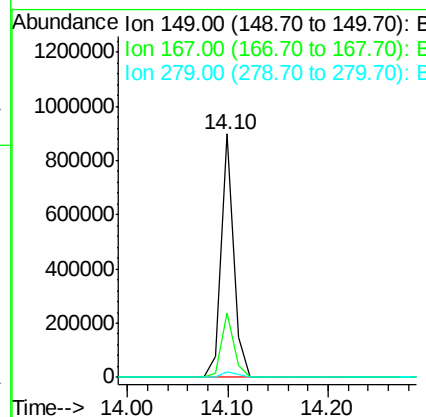
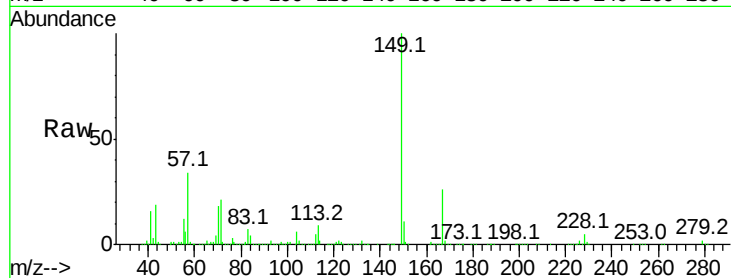
#83
Bis(2-ethylhexyl)phthalate
Concen: 52.03 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	778188		
167	26.4		20.2	30.4
279	2.5		1.8	2.8

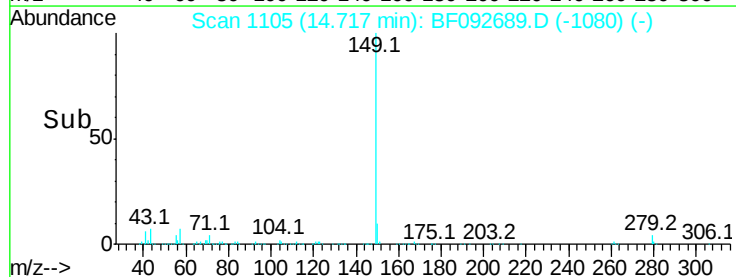
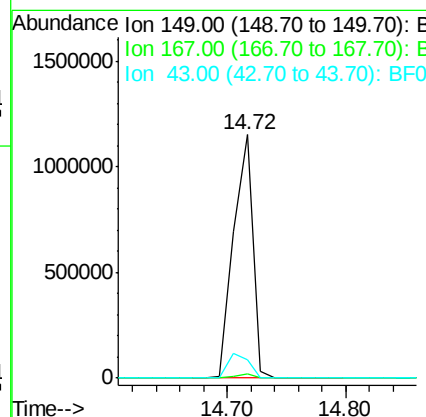
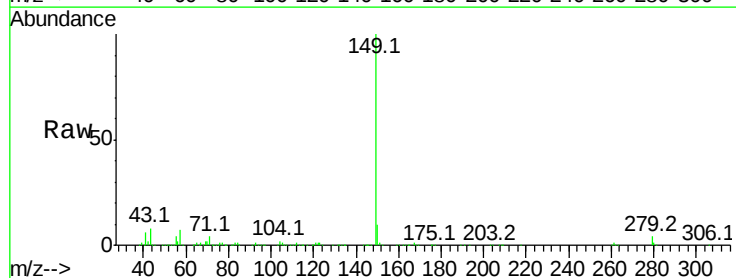
Manual Integrations
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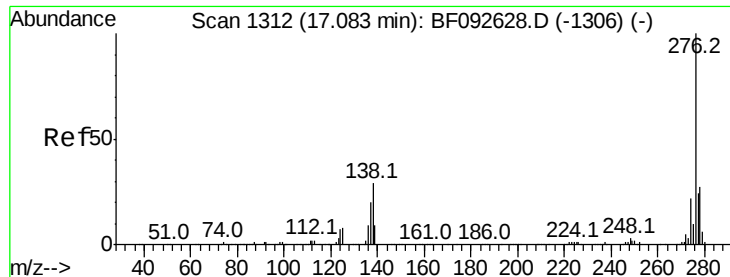
mohammad
2/1/2017 2:27:34 PM



#84
Di-n-octyl phthalate
Concen: 53.30 ng
RT: 14.72 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1298137		
167	1.4		1.3	1.9
43	11.2		8.9	13.3





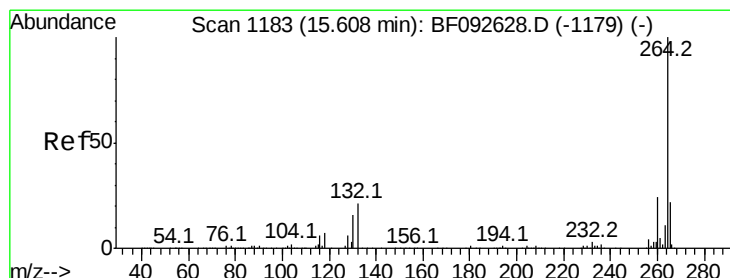
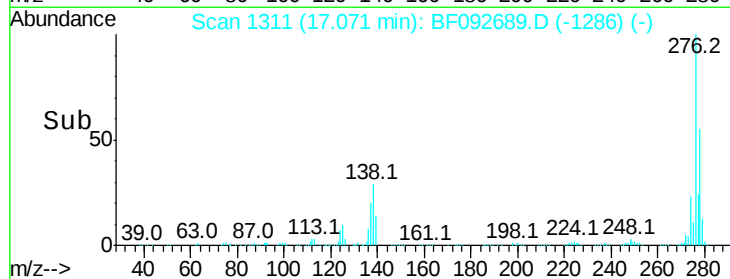
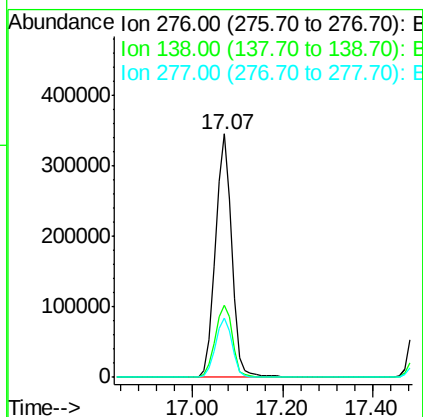
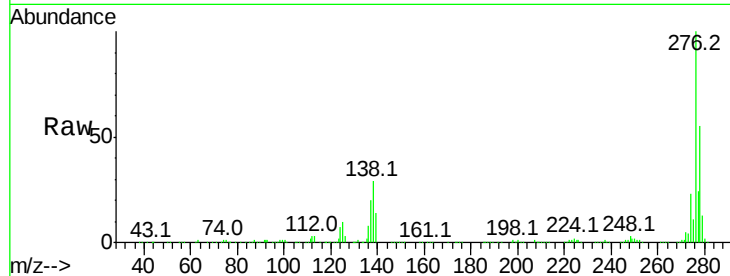
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.95 ng
RT: 17.07 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.6
277	25.0	20.2	30.4

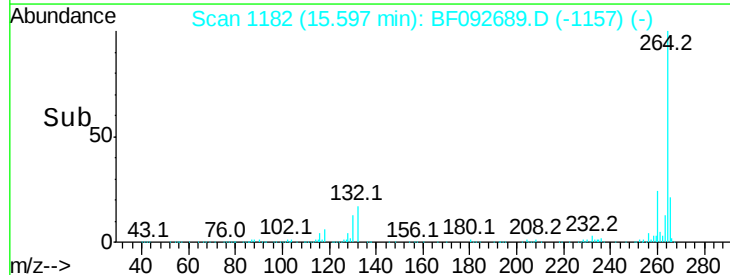
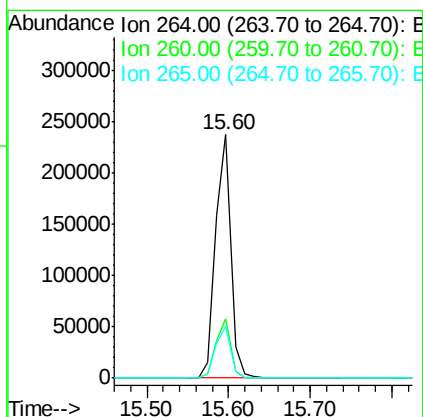
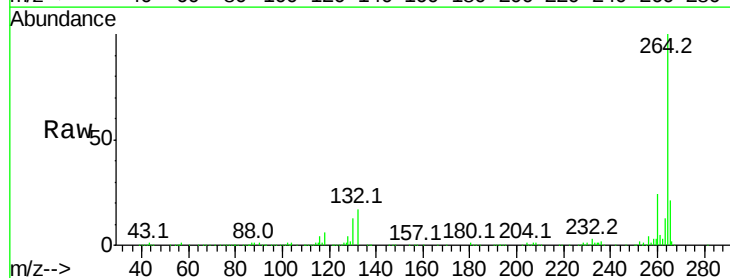
Manual Integrations
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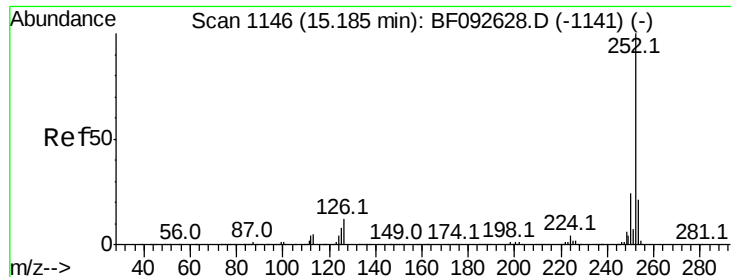
mohammad
2/1/2017 2:27:34 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 51.80 ng m

RT: 15.16 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Instrument :

BNA_F

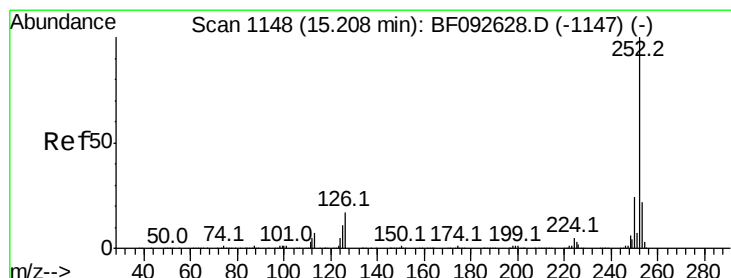
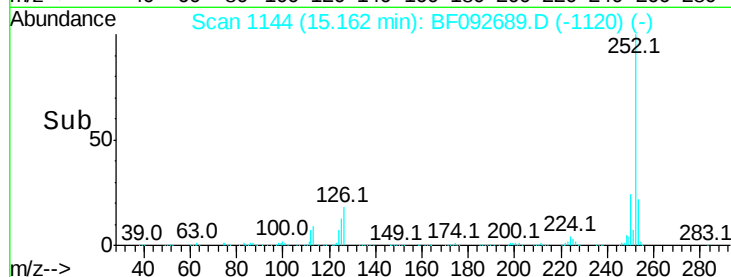
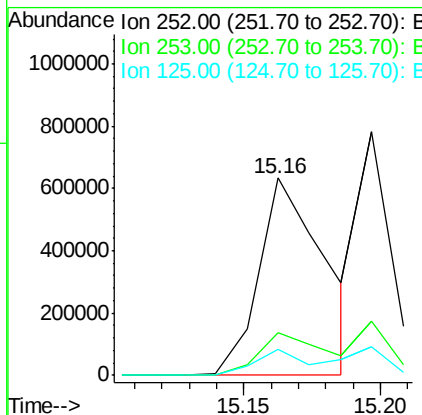
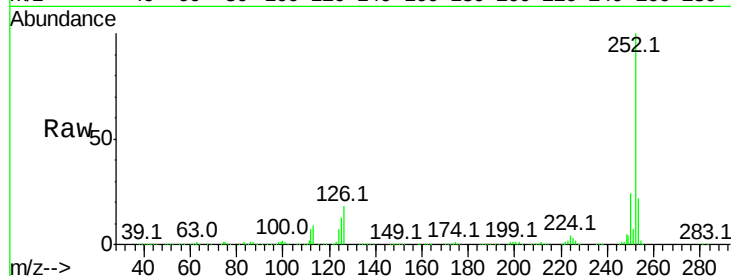
ClientSampleId :

WC-B15-B21-001MSD

Tot Ion:	252	Resp:	1058971
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.4
125	13.2	9.8	14.6

Manual Integrations
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2/1/2017 2:27:34 PM



#88

Benzo(k)fluoranthene

Concen: 37.68 ng m

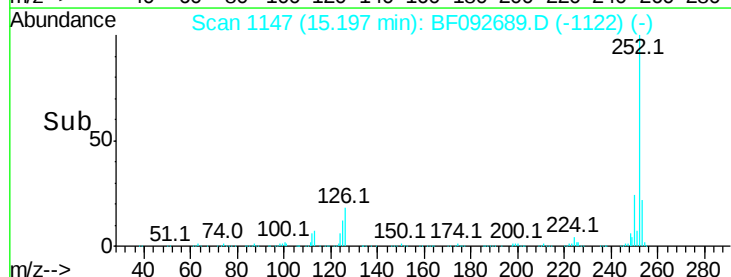
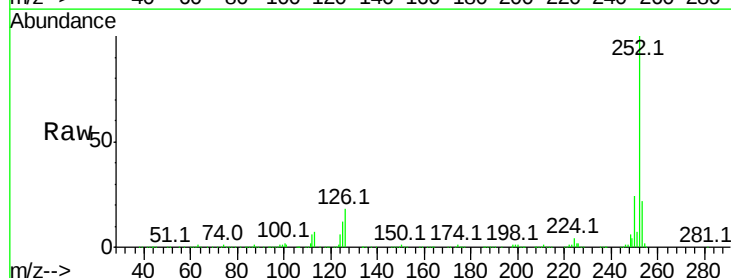
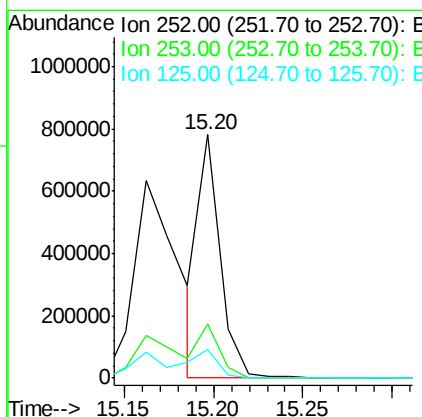
RT: 15.20 min Scan# 1147

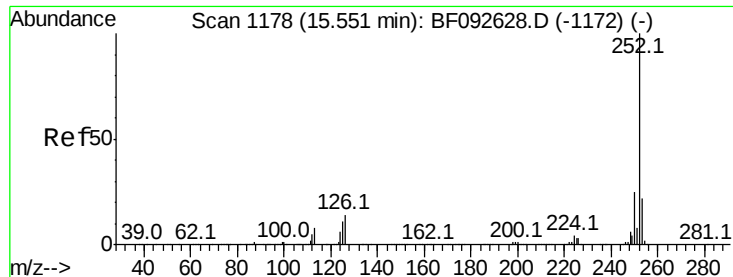
Delta R.T. -0.01 min

Lab File: BF092689.D

Acq: 31 Jan 2017 19:02

Tgt Ion:	252	Resp:	665164
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.5	27.7
125	12.0	8.9	13.3





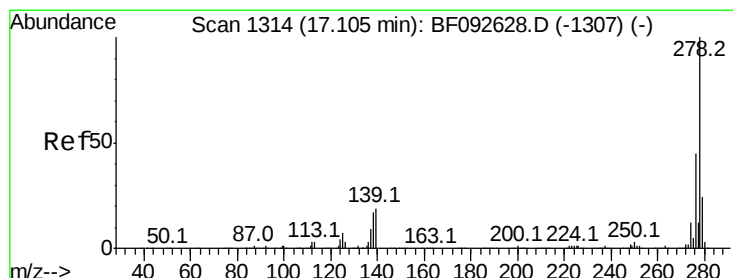
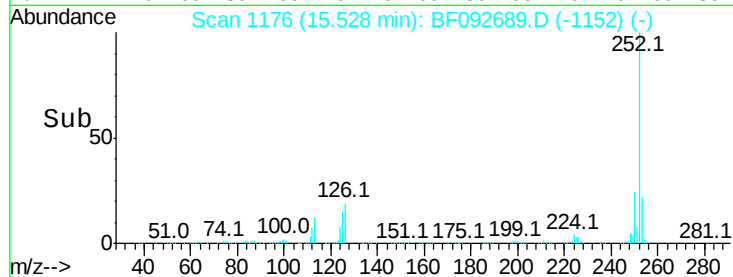
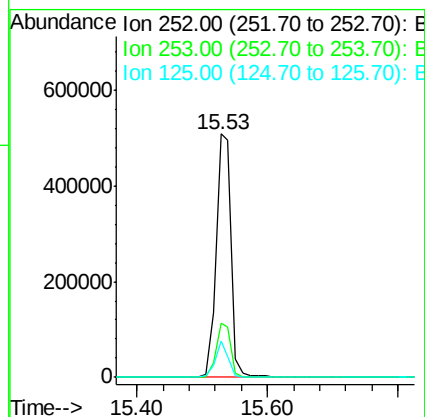
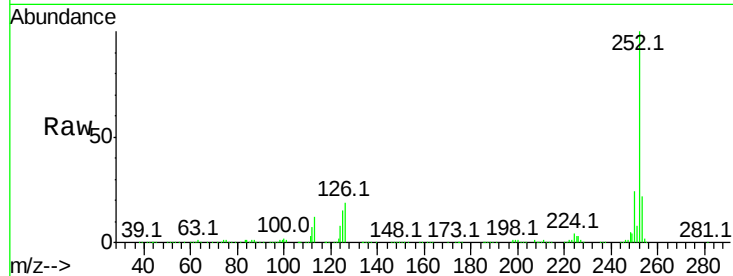
#89
Benzo(a)pyrene
Concen: 46.83 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	15.1	10.0	15.0

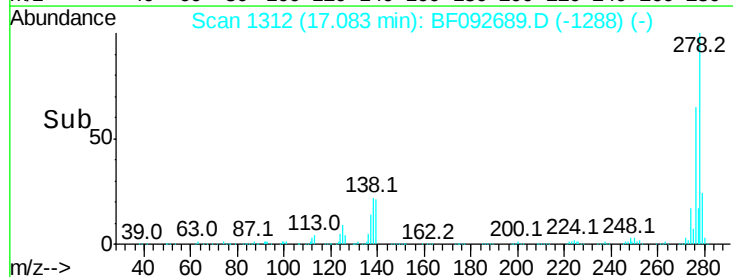
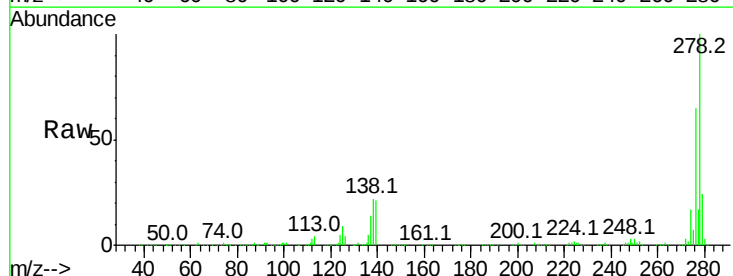
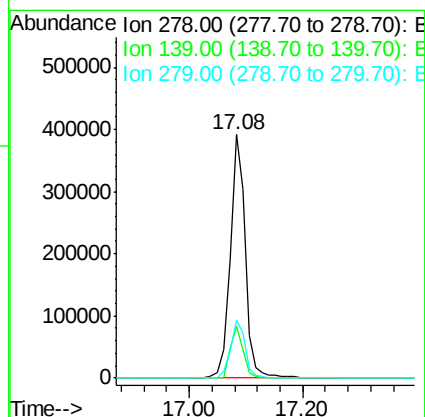
Manual Integrations
APPROVED

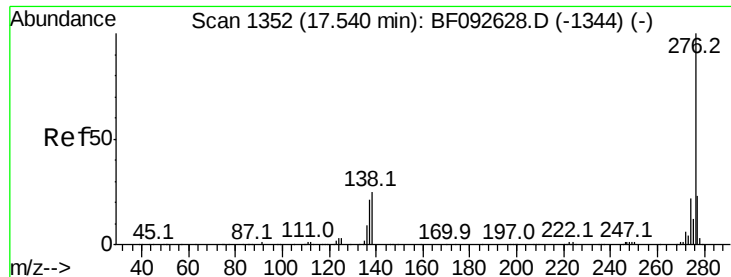
mohammad
2/1/2017 2:27:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.85 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF092689.D
Acq: 31 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	14.8	22.2
279	23.9	19.8	29.6





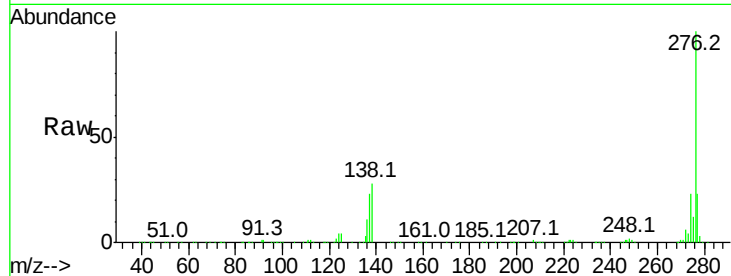
#91
 Benzo(a,h,i)perylene
 Concen: 52.24 ng
 RT: 17.52 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF092689.D
 Acq: 31 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	19.2	28.8
138	27.6	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/1/2017 2:27:34 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

