

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084662.D
 Acq On : 30 Jan 2016 3:46
 Operator : SJ/IZ
 Sample : H1261-11MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Manual Integrations
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Quant Time: Feb 01 07:36:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170956	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	668380	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	317423	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	590820	20.00	ng	0.00
75) Chrysene-d12	13.87	240	409650	20.00	ng	0.00
86) Perylene-d12	15.25	264	276099	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1344960	118.76	ng	0.02
7) Phenol-d6	6.38	99	1645672	121.24	ng	0.01
23) Nitrobenzene-d5	7.30	82	1164243	97.35	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	484832	145.73	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1864632	87.31	ng	0.00
78) Terphenyl-d14	12.83	244	1856693	102.36	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	187387	35.48	ng	# 78
3) Pyridine	3.06	79	259542m	18.45	ng	
4) n-Nitrosodimethylamine	2.98	42	264544	38.46	ng	# 84
6) Aniline	6.40	93	67868	3.90	ng	# 1
8) 2-Chlorophenol	6.51	128	508738	40.50	ng	83
10) Phenol	6.40	94	596751	39.45	ng	82
11) bis(2-Chloroethyl)ether	6.48	93	542489	46.11	ng	96
12) 1,3-Dichlorobenzene	6.67	146	521756	38.77	ng	96
13) 1,4-Dichlorobenzene	6.74	146	514862	38.98	ng	98
14) 1,2-Dichlorobenzene	6.90	146	530742	43.64	ng	98
15) Benzyl Alcohol	6.88	79	367094	39.73	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	798788	39.67	ng	91
17) 2-Methylphenol	7.00	107	429360	44.09	ng	93
18) Hexachloroethane	7.24	117	212446	41.11	ng	# 86
19) n-Nitroso-di-n-propylamine	7.15	70	361953	43.65	ng	# 74
20) 3+4-Methylphenols	7.15	107	518510	43.88	ng	# 66
22) Acetophenone	7.14	105	748300	42.87	ng	# 99
24) Nitrobenzene	7.31	77	509265	40.06	ng	94
25) Isophorone	7.56	82	1043319	46.56	ng	95
26) 2-Nitrophenol	7.63	139	274403	45.39	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	453634	42.82	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	612637	45.56	ng	99
29) 2,4-Dichlorophenol	7.88	162	451525	48.73	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	455753	43.02	ng	96
31) Naphthalene	8.03	128	1649568	48.89	ng	100
32) Benzoic acid	7.81	122	319944	39.35	ng	95
34) Hexachlorobutadiene	8.16	225	274594	43.86	ng	99
35) Caprolactam	8.46	113	126293m	47.50	ng	
36) 4-Chloro-3-methylphenol	8.59	107	496440	48.67	ng	93
37) 2-Methylnaphthalene	8.73	142	1109260	53.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	401724	39.02	ng	99
40) Hexachlorocyclopentadiene	8.88	237	433519	92.62	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	316891	49.55	ng	95
43) 2,4,5-Trichlorophenol	9.06	196	315495	47.79	ng	# 94

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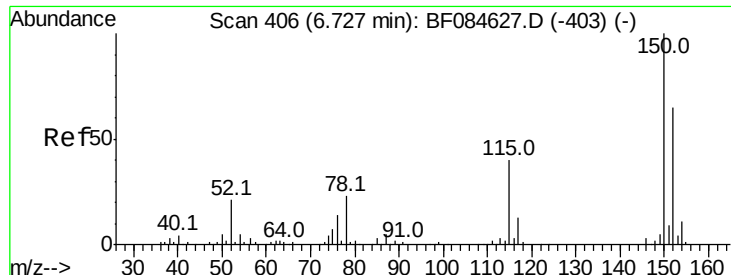
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.20	154	1241069	42.66	nq	95
46) 2-Chloronaphthalene	9.22	162	945369	44.54	nq #	86
47) 2-Nitroaniline	9.31	65	254960	40.00	nq	97
48) Acenaphthylene	9.63	152	1497692	46.57	nq	98
49) Dimethylphthalate	9.50	163	1196809	50.24	nq #	91
50) 2,6-Dinitrotoluene	9.56	165	268404	51.20	nq #	90
51) Acenaphthene	9.80	154	1015677	47.16	nq	97
52) 3-Nitroaniline	9.72	138	22684	4.14	nq	91
53) 2,4-Dinitrophenol	9.84	184	298611	115.45	nq	90
54) Dibenzofuran	9.97	168	1361376	52.97	nq	97
55) 4-Nitrophenol	9.90	139	351977	87.49	nq #	82
56) 2,4-Dinitrotoluene	9.96	165	339609	49.87	nq #	91
57) Fluorene	10.32	166	1049606	48.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	265624	53.21	nq	88
59) Diethylphthalate	10.20	149	1168837	50.12	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	436190	44.60	nq	93
61) 4-Nitroaniline	10.34	138	170862	32.96	nq	84
62) Azobenzene	10.46	77	1126259	50.46	nq	91
64) 4,6-Dinitro-2-methylphenol	10.36	198	173670	45.00	nq #	53
65) n-Nitrosodiphenylamine	10.43	169	695177	36.29	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	329647	49.54	nq #	94
67) Hexachlorobenzene	10.85	284	320201	44.24	nq #	84
68) Atrazine	10.96	200	137159	23.90	nq	96
69) Pentachlorophenol	11.06	266	356426	101.93	nq	100
70) Phenanthrene	11.26	178	1437537	44.00	nq	97
71) Anthracene	11.32	178	1635699	49.24	nq	98
72) Carbazole	11.47	167	816116	28.51	nq	100
73) Di-n-butylphthalate	11.81	149	1602392	46.02	nq #	96
74) Fluoranthene	12.45	202	1655745	51.26	nq	95
76) Benzidine	12.59	184	34603	2.22	nq #	93
77) Pyrene	12.68	202	1643305	53.19	nq	99
79) Butylbenzylphthalate	13.31	149	744026	56.37	nq #	90
80) Benzo(a)anthracene	13.86	228	1195866	46.83	nq	98
82) Chrysene	13.91	228	1208111	48.00	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	926037	54.08	nq #	97
84) Di-n-octyl phthalate	14.48	149	1463411	54.09	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	911211	40.95	nq	99
87) Benzo(b)fluoranthene	14.88	252	1196595m	66.93	nq	
88) Benzo(k)fluoranthene	14.90	252	803687m	54.42	nq	
89) Benzo(a)pyrene	15.20	252	863679m	55.85	nq	
90) Dibenzo(a,h)anthracene	16.58	278	775008	55.61	nq	96
91) Benzo(g,h,i)perylene	16.96	276	768801	54.64	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

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BNA_F

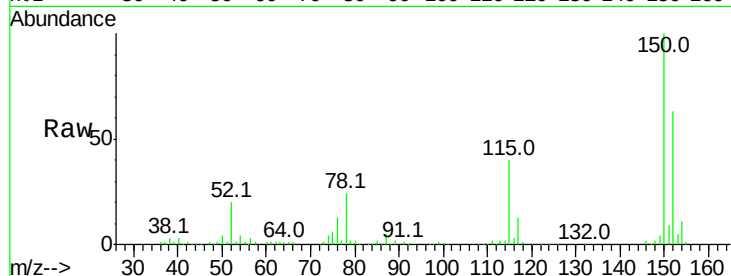
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

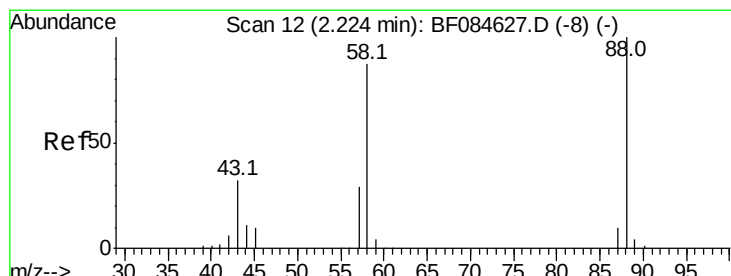
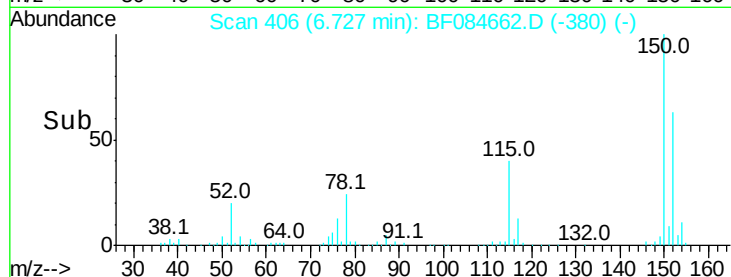
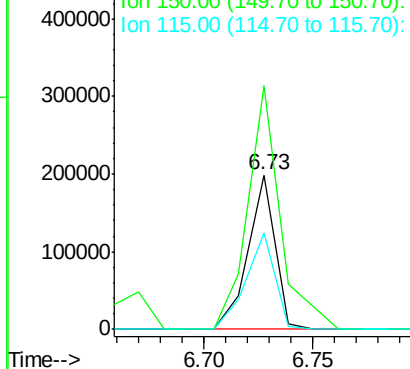
Tot Ion:	152	Resp:	170956
Ion Ratio	Lower	Upper	
152	100		
150	157.8	123.0	184.4
115	62.7	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.48 ng

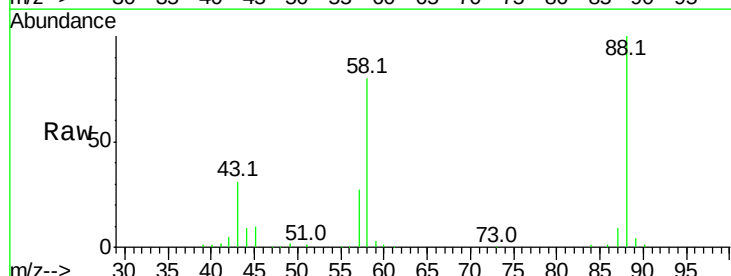
RT: 2.40 min Scan# 27

Delta R.T. 0.17 min

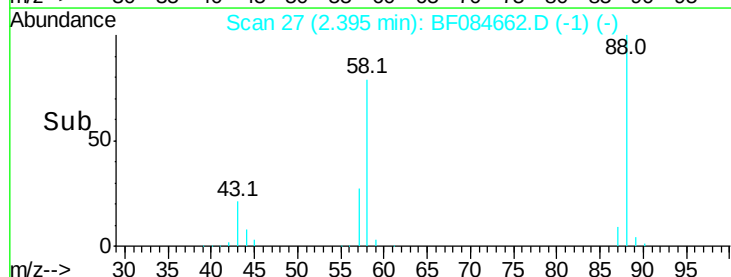
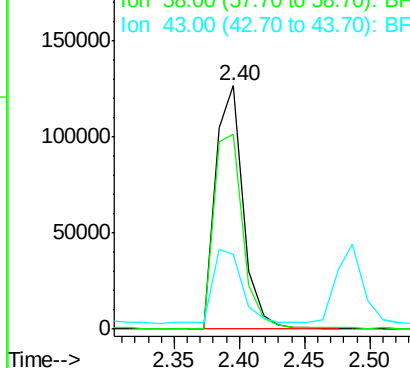
Lab File: BF084662.D

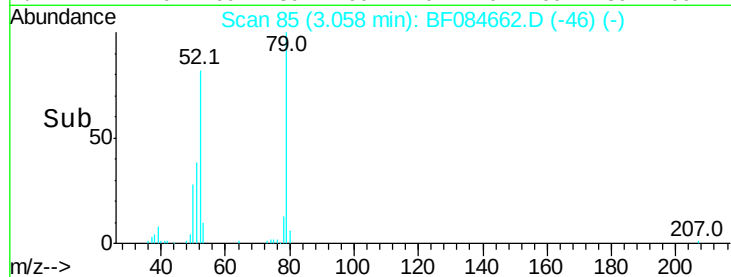
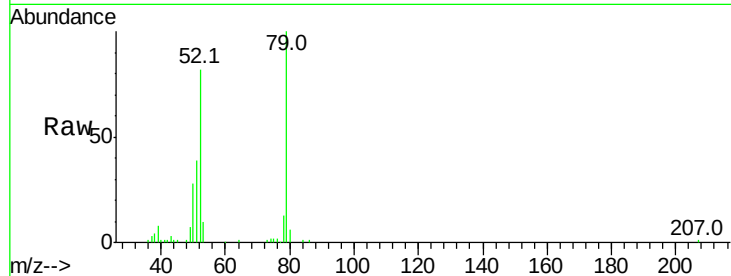
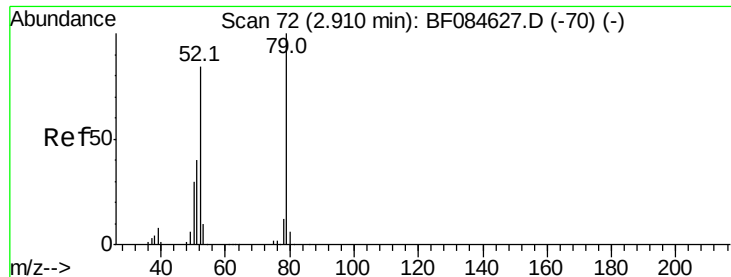
Acq: 30 Jan 2016 3:46

Tgt Ion:	88	Resp:	187387
Ion Ratio	Lower	Upper	
88	100		
58	83.8	51.2	76.8#
43	31.2	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





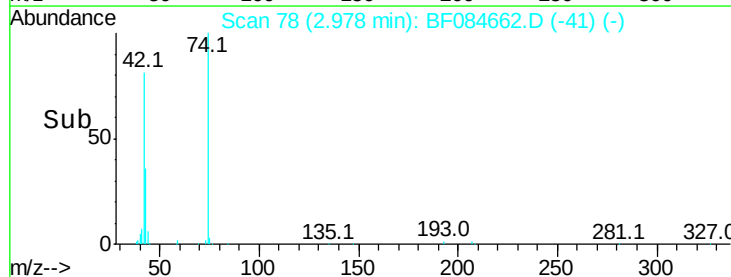
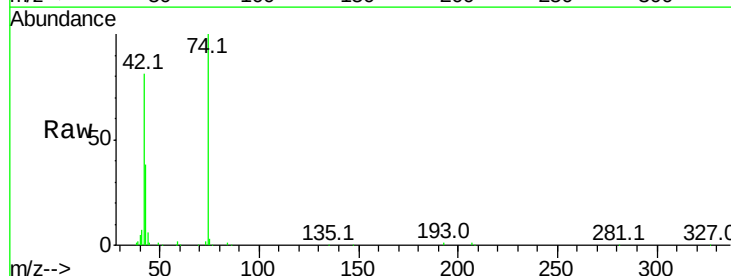
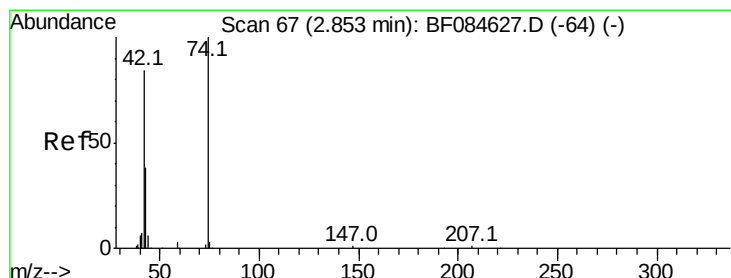
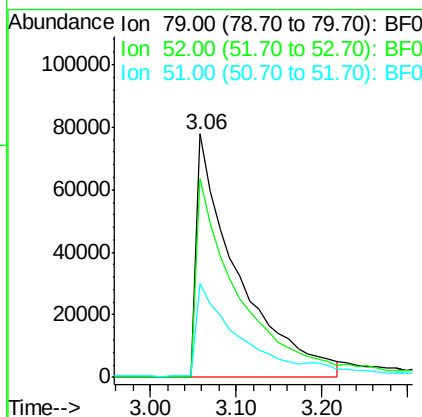
#3
Pvridine
Concen: 18.45 ng/ml
RT: 3.06 min Scan# 85
Delta R.T. 0.15 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.7	49.0	73.4#
51	38.5	25.2	37.8#

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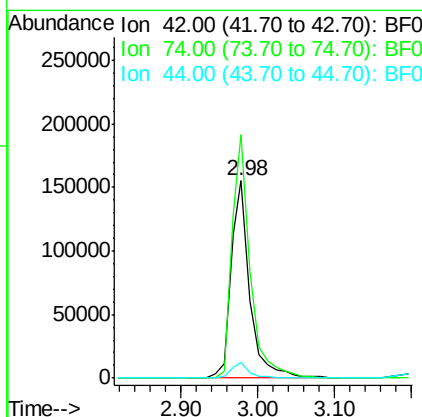
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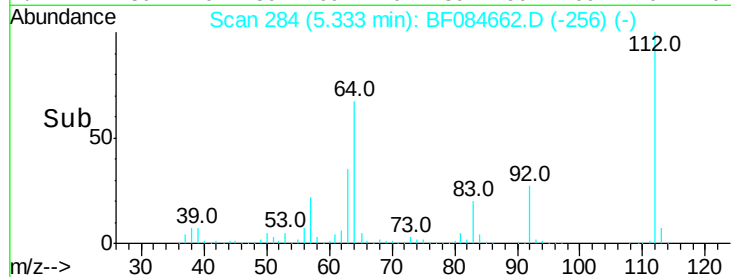
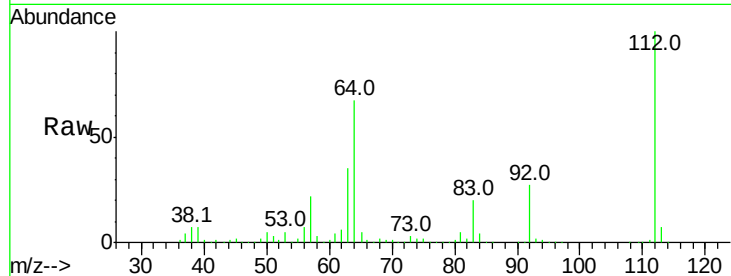
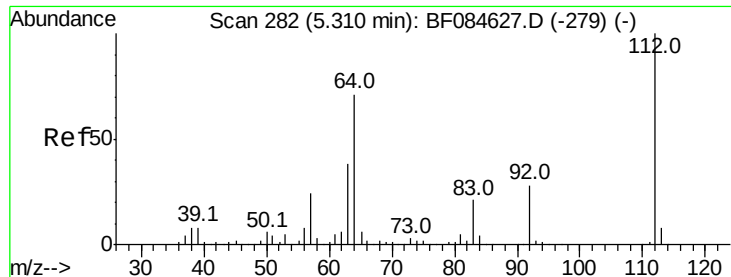
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#4
n-Nitrosodimethylamine
Concen: 38.46 ng/ml
RT: 2.98 min Scan# 78
Delta R.T. 0.13 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.4	115.7	173.5
44	7.7	5.1	7.7#





#5

2-Fluorophenol

Concen: 118.76 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tot Ion: 112 Resp: 1344960

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

63 35.3 19.4 29.0#

Instrument :

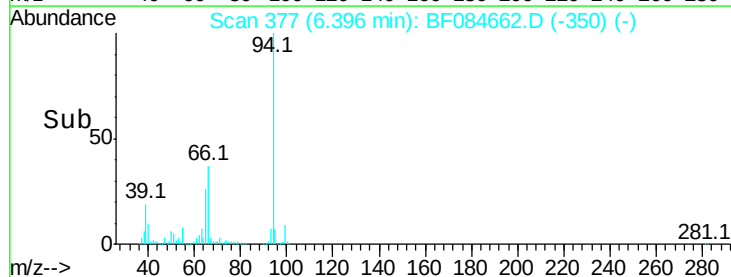
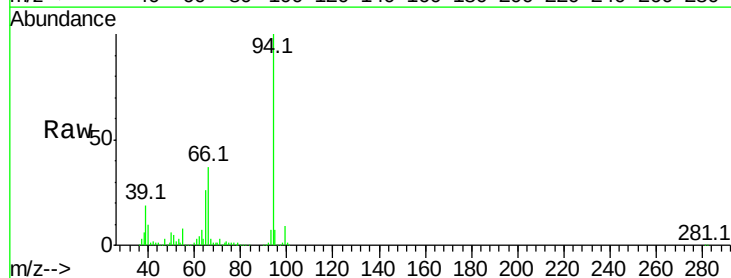
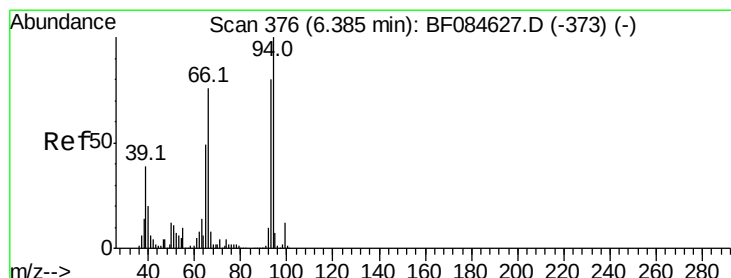
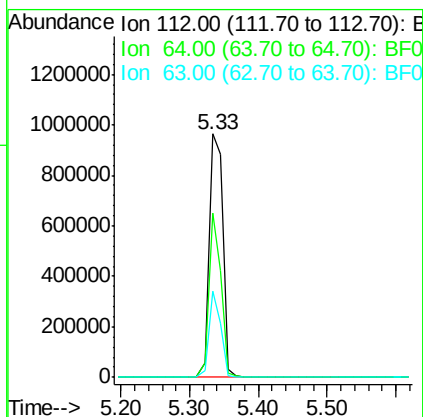
BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Manual Integrations
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#6

Aniline

Concen: 3.90 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

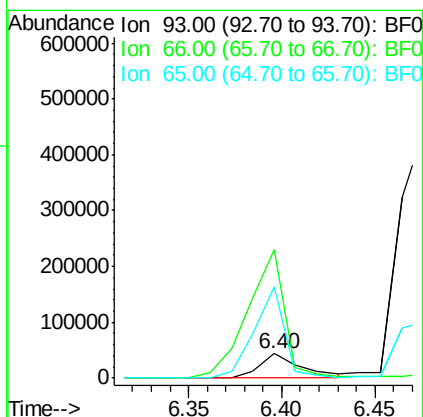
Tgt Ion: 93 Resp: 67868

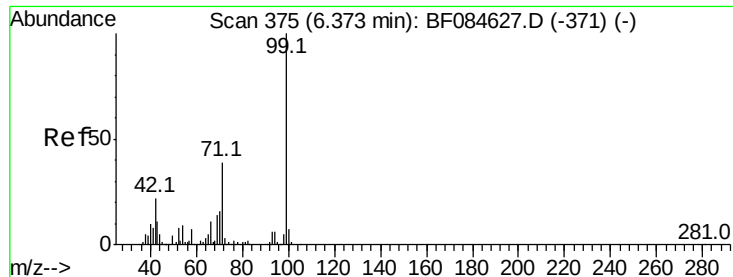
Ion Ratio Lower Upper

93 100

66 523.7 44.9 67.3#

65 373.8 23.7 35.5#





#7

Phenol-d6

Concen: 121.24 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1645672

Ion Ratio Lower Upper

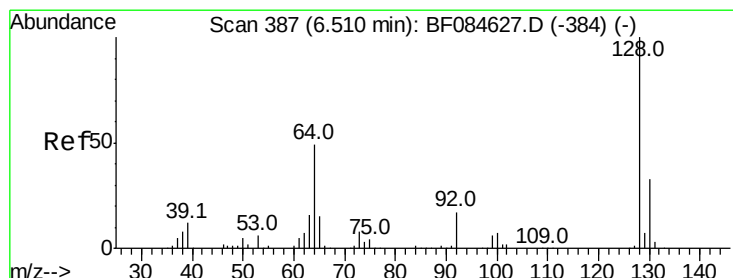
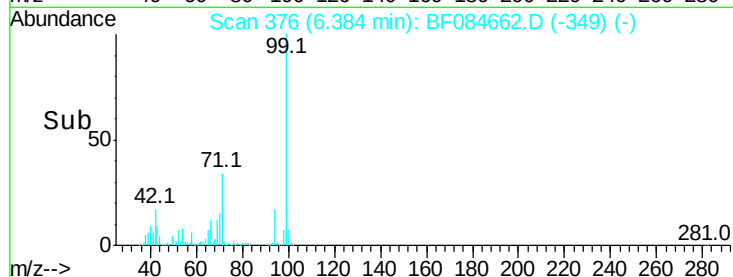
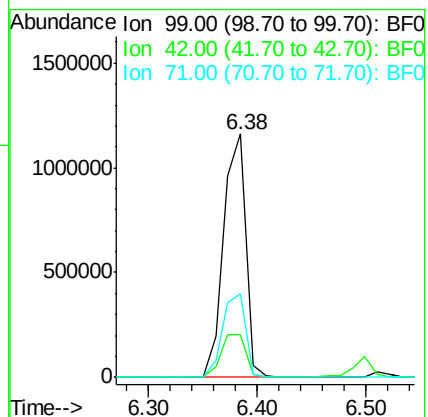
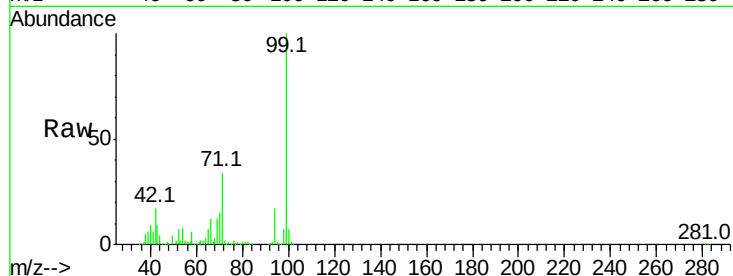
99 100

42 17.4 12.8 19.2

71 34.4 30.9 46.3

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#8

2-Chlorophenol

Concen: 40.50 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084662.D

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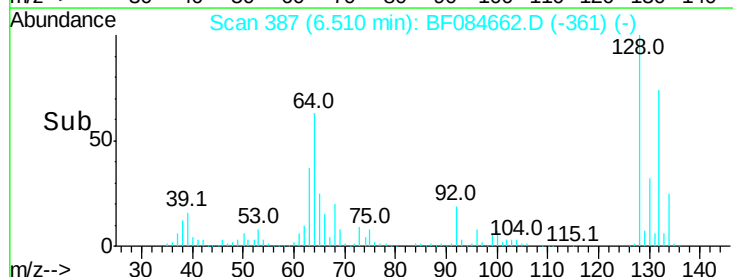
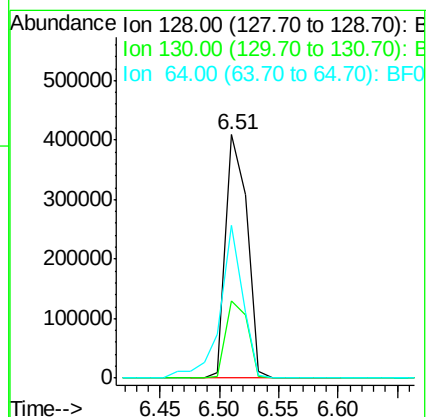
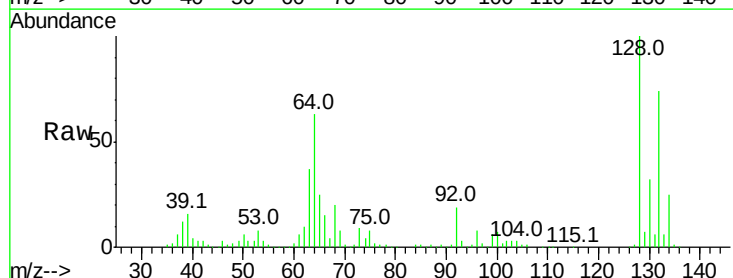
Tgt Ion: 128 Resp: 508738

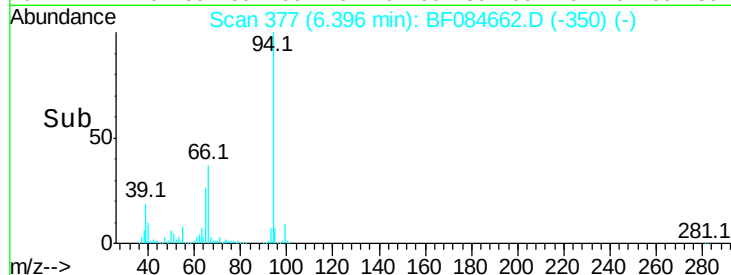
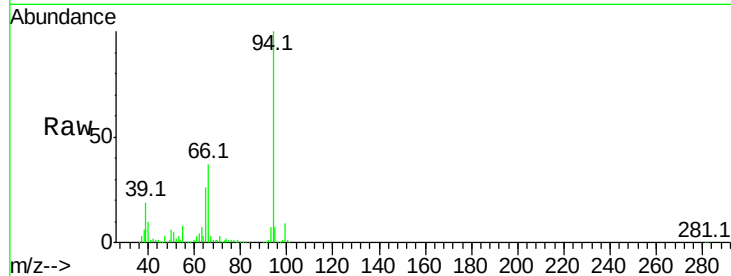
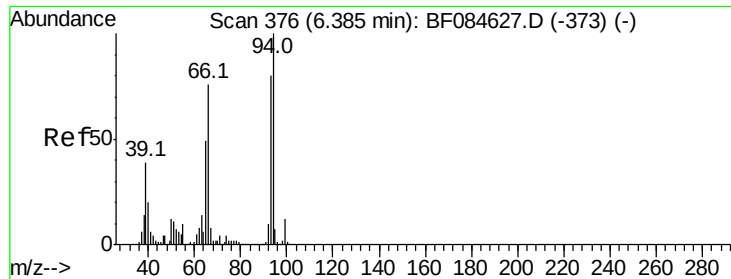
Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

64 62.7 23.8 63.8





#10

Phenol

Concen: 39.45 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tot Ion:	94	Resp:	596751
Ion Ratio	Lower	Upper	
94	100		
65	26.5	12.9	52.9
66	37.1	32.7	72.7

Instrument :

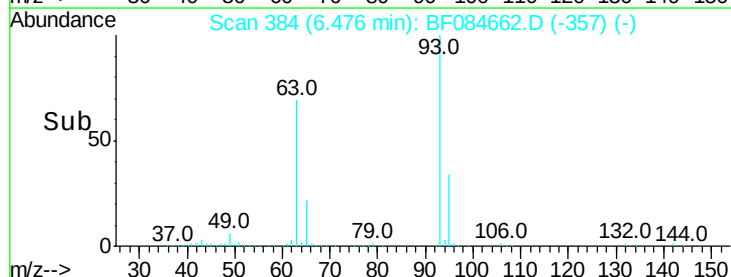
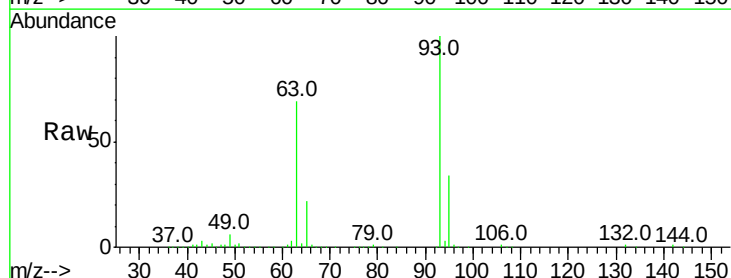
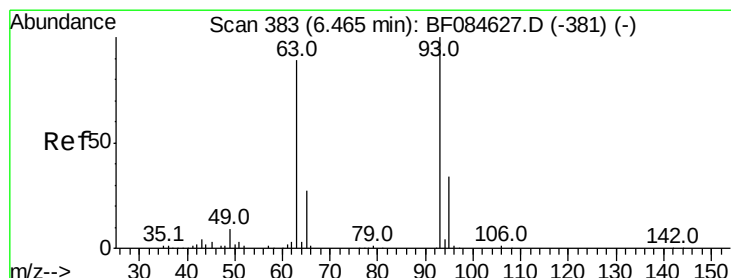
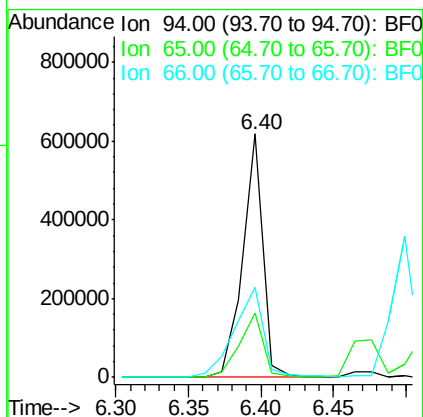
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ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 46.11 ng

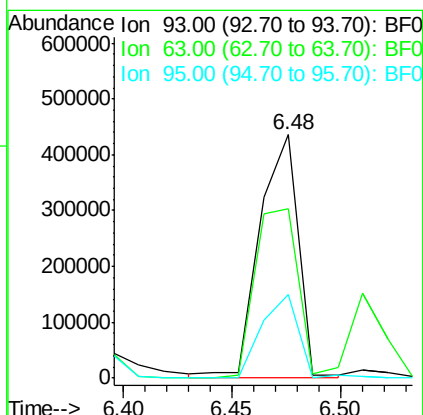
RT: 6.48 min Scan# 384

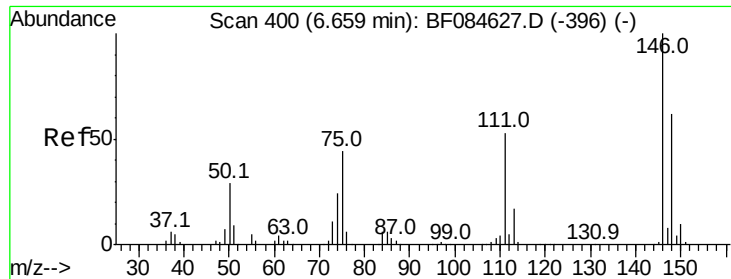
Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	93	Resp:	542489
Ion Ratio	Lower	Upper	
93	100		
63	69.5	45.9	85.9
95	34.1	12.3	52.3





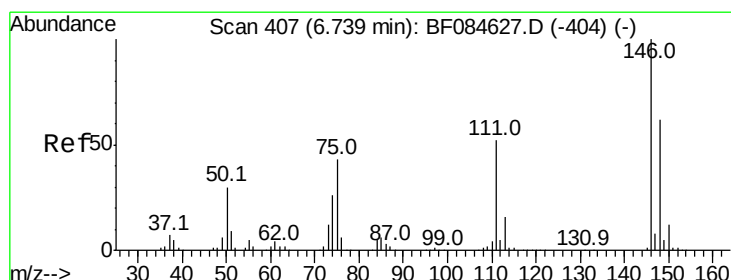
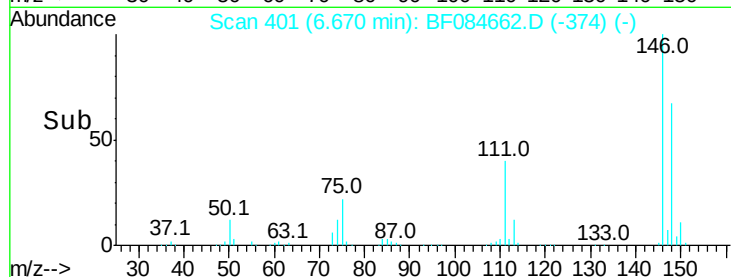
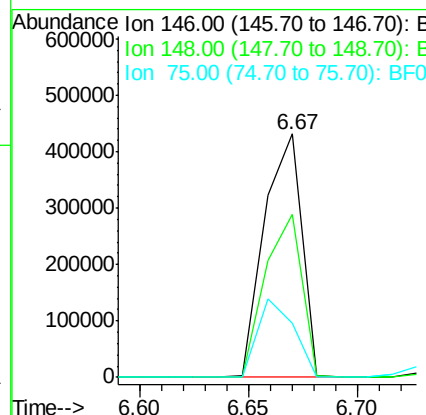
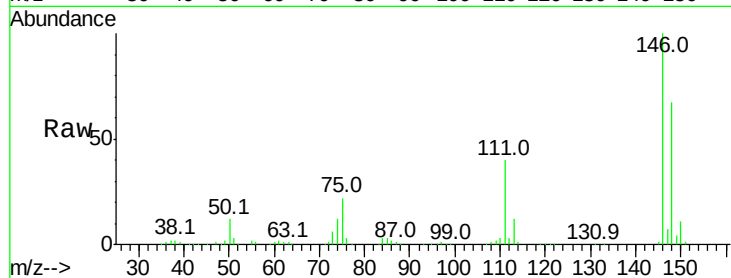
#12
 1,3-Dichlorobenzene
 Concen: 38.77 ng
 RT: 6.67 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	66.8	51.9	77.9
75	22.2	20.5	30.7

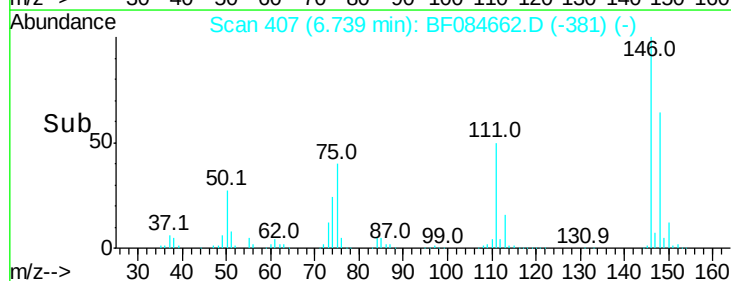
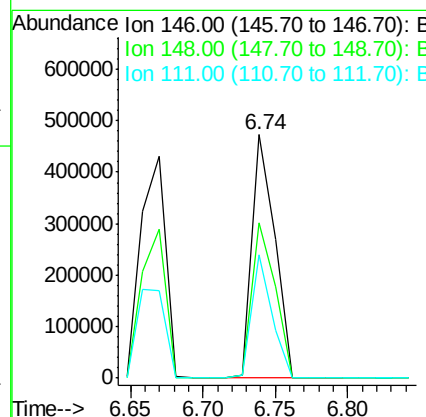
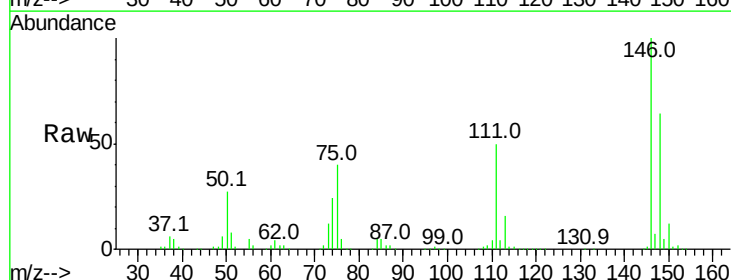
Manual Integrations
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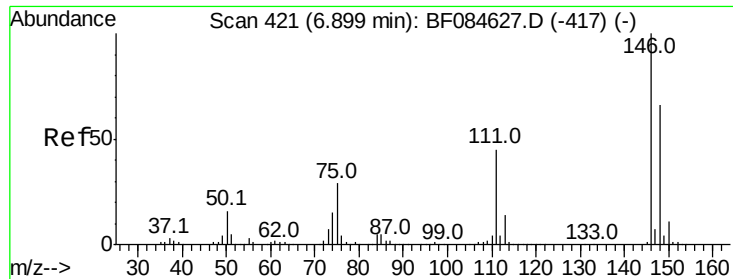
mohammad
 2/1/2016 2:24:33 PM



#13
 1,4-Dichlorobenzene
 Concen: 38.98 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	51.9	77.9
111	50.4	41.6	62.4





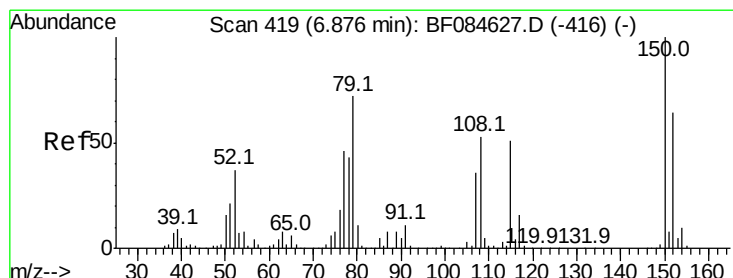
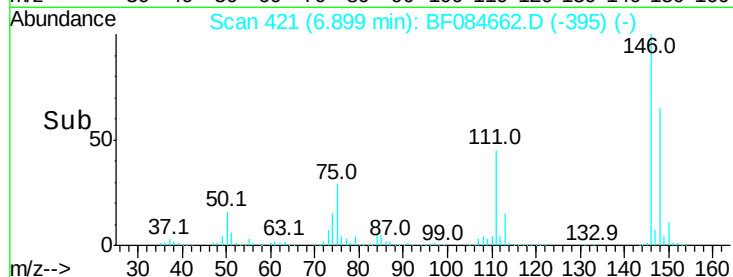
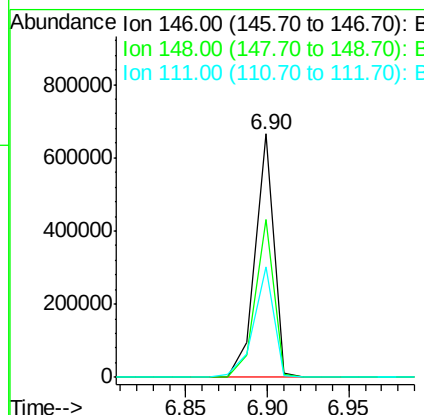
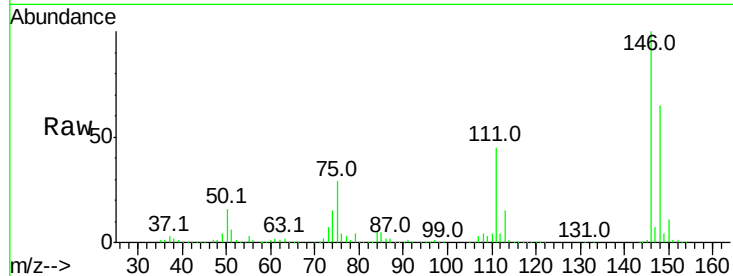
#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	45.3	38.0	57.0

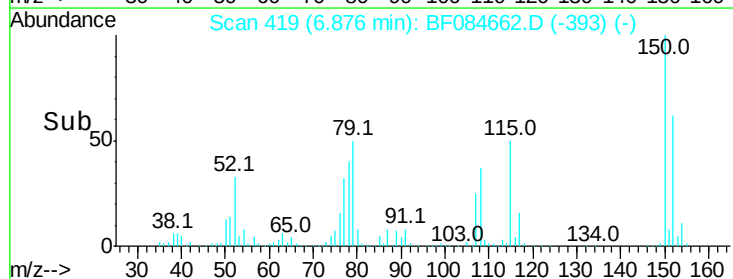
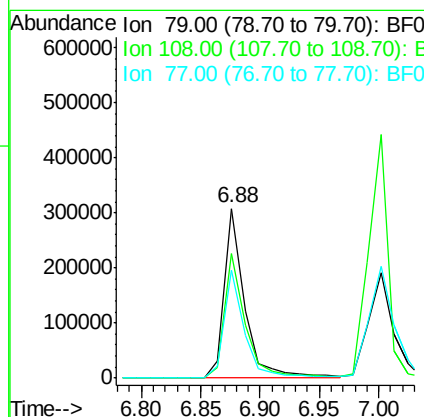
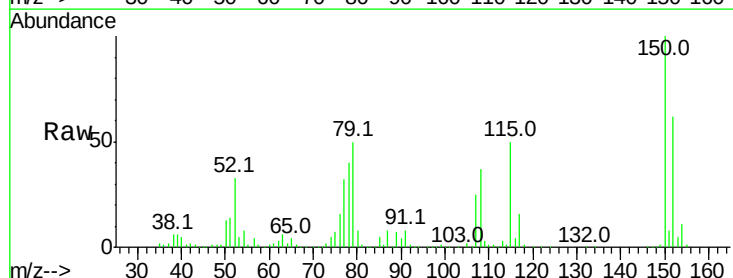
Manual Integrations
 APPROVED

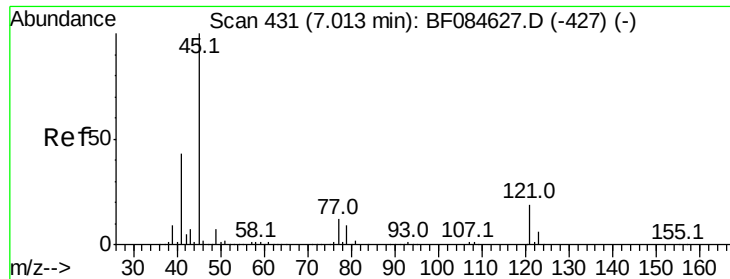
mohammad
 2/1/2016 2:24:33 PM



#15
 Benzyl Alcohol
 Concen: 39.73 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.5	69.0	103.4
77	63.6	50.0	75.0





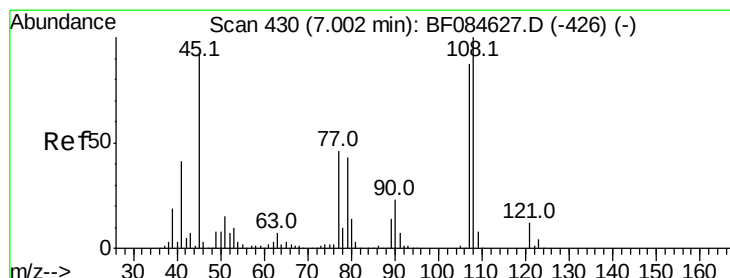
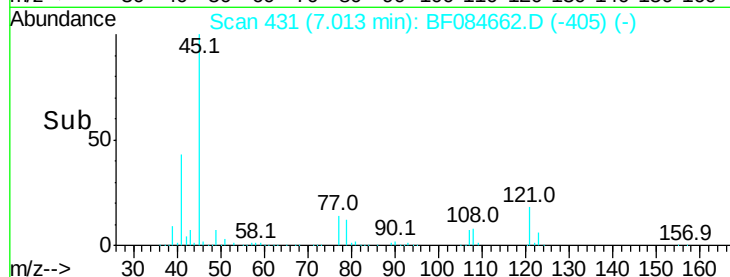
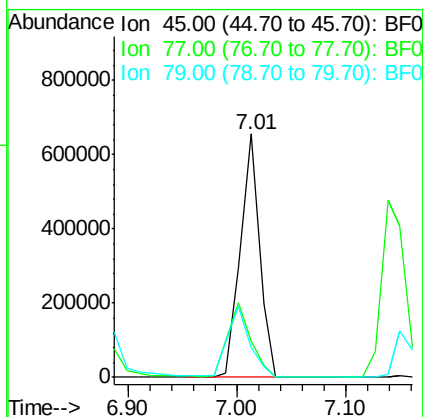
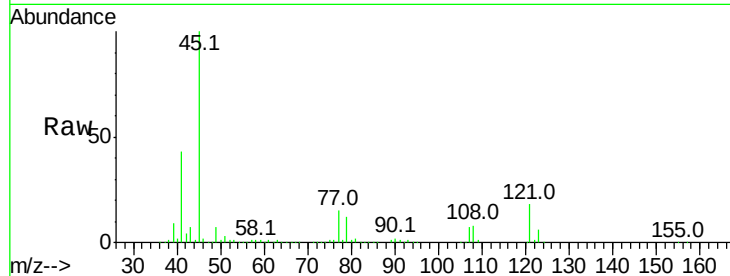
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.67 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.8	0.0	39.6	
79	12.3	0.0	35.0	

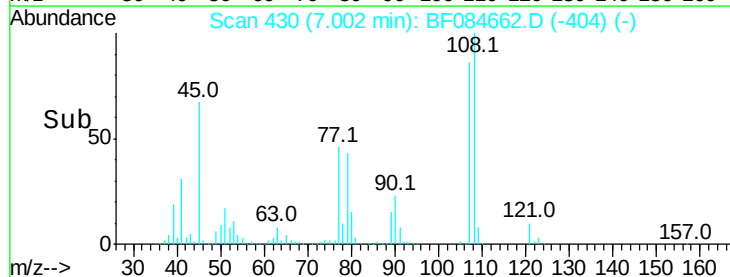
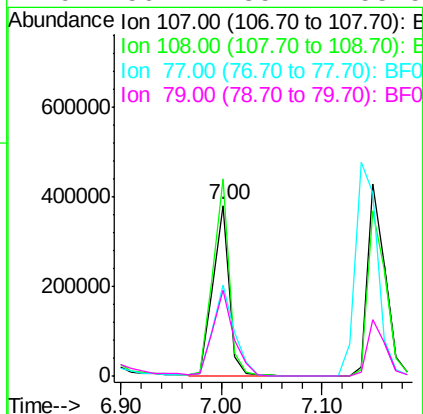
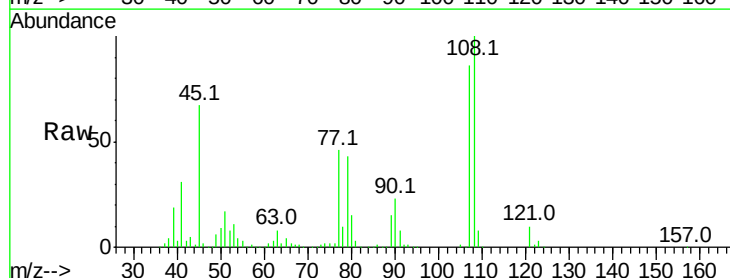
Manual Integrations
APPROVED

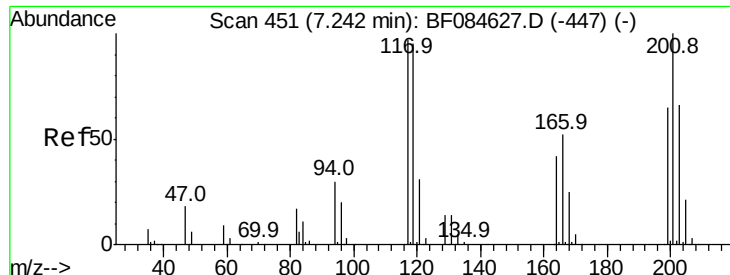
mohammad
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#17
2-Methylphenol
Concen: 44.09 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.1	89.8	134.6	
77	53.3	35.7	53.5	
79	50.4	35.7	53.5	





#18

Hexachloroethane

Concen: 41.11 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

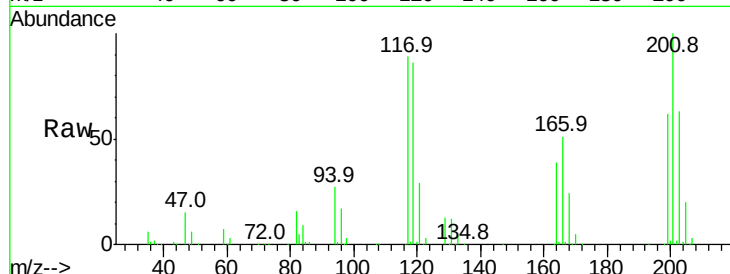
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	212446		
119	96.2	77.4	116.0	
201	112.0	68.6	103.0#	

Manual Integrations
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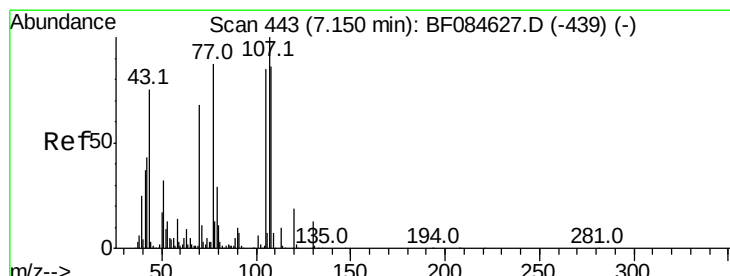
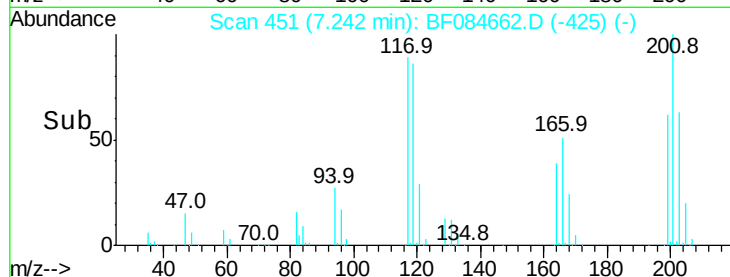
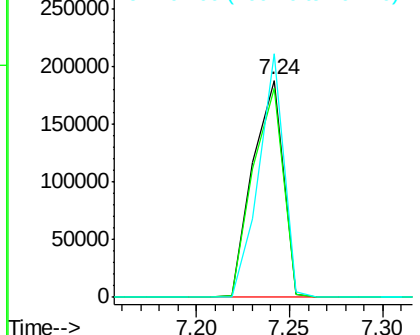


Abundance

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: 43.65 ng

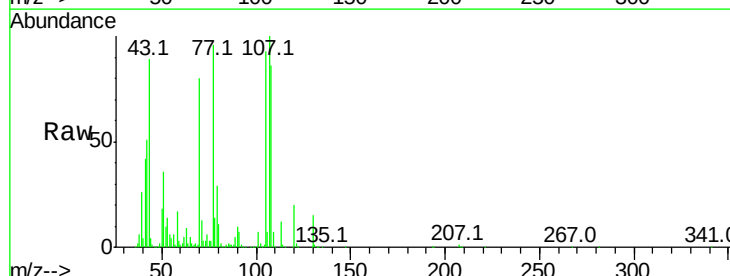
RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	361953		
42	63.8	33.3	49.9#	
101	9.0	9.3	13.9#	
130	18.9	23.4	35.0#	



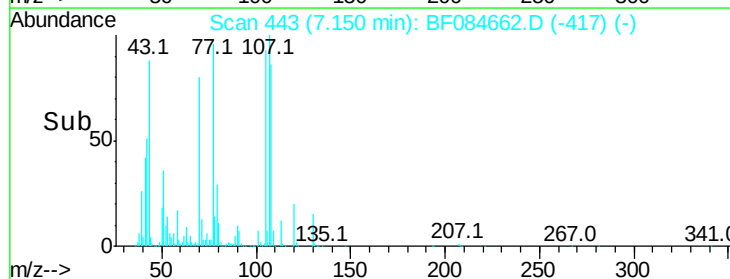
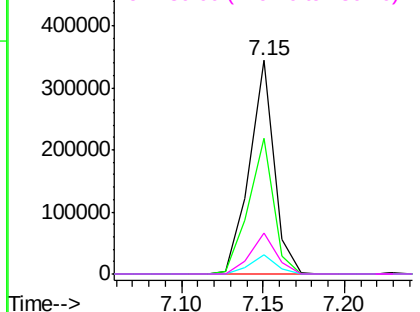
Abundance

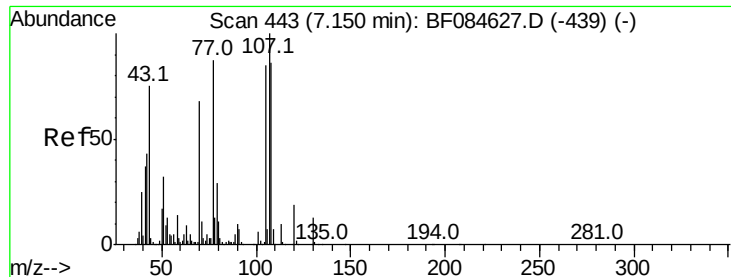
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





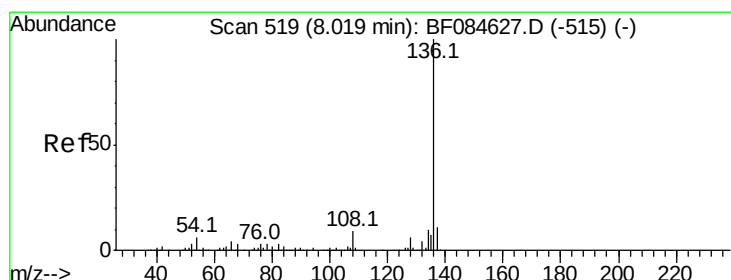
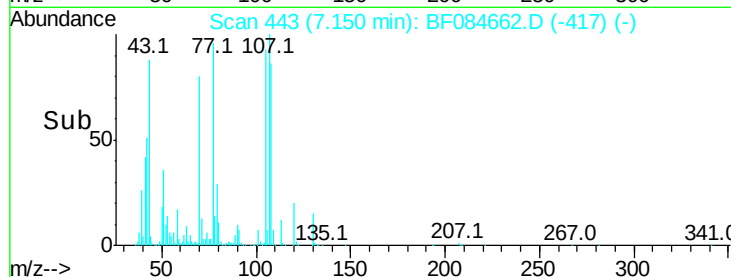
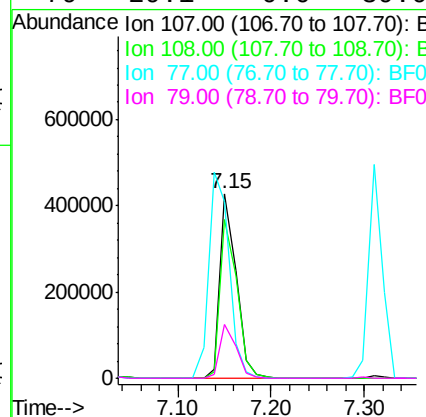
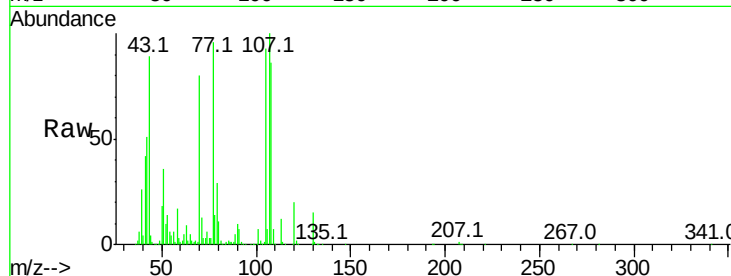
#20
3+4-Methylphenols
Concen: 43.88 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		518510		
108	86.2	74.6	114.6		
77	95.5	0.7	40.7#		
79	29.1	0.0	39.0		

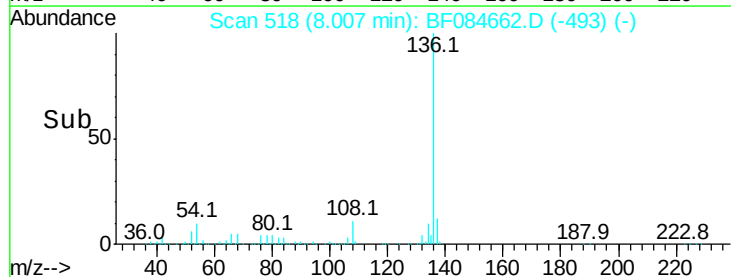
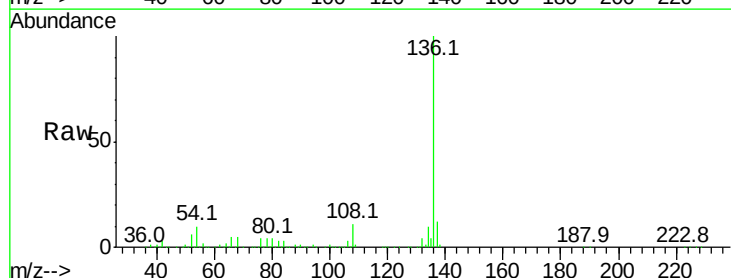
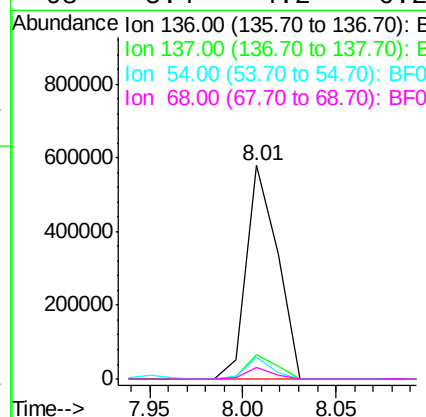
Manual Integrations
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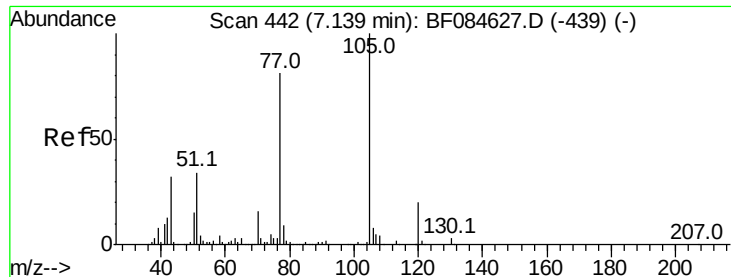
mohammad
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		668380		
137	11.5	8.7	13.1		
54	10.4	5.8	8.8#		
68	5.4	4.2	6.2		





#22

Acetophenone

Concen: 42.87 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

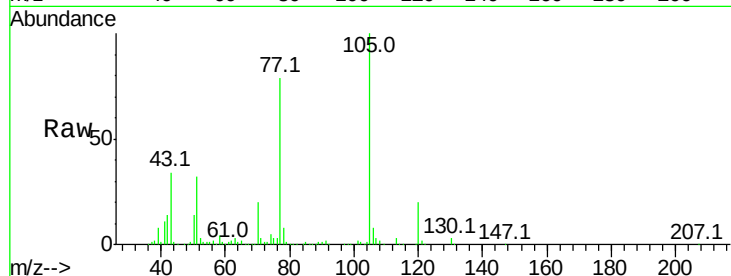
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.7	5.5#
51	31.6	25.1	37.7
120	20.2	16.6	25.0

Manual Integrations
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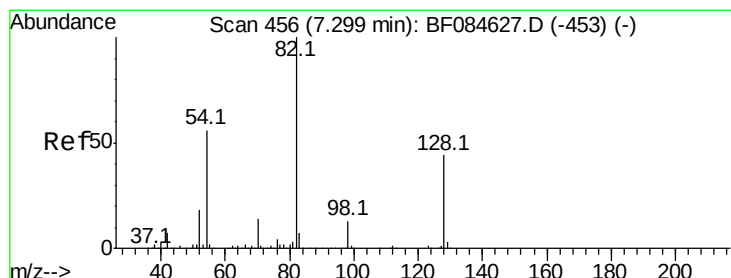
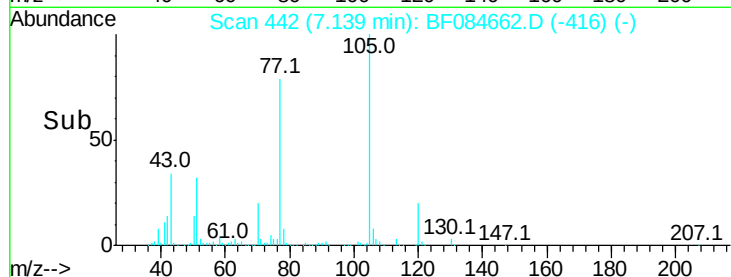
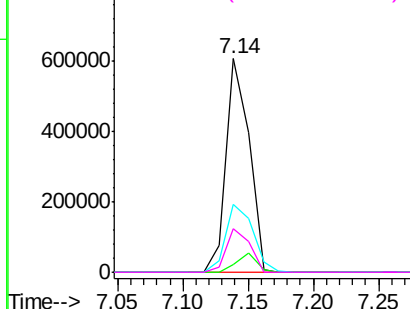


Abundance Ion 105.00 (104.70 to 105.70): E

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: 97.35 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF084662.D

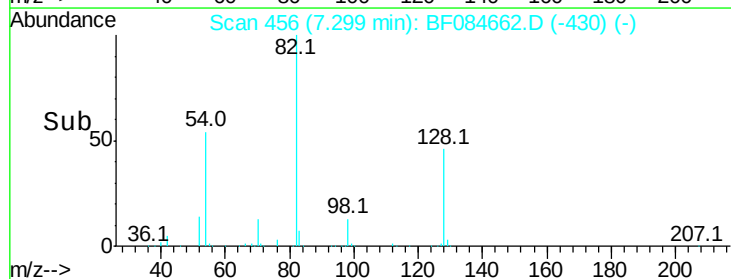
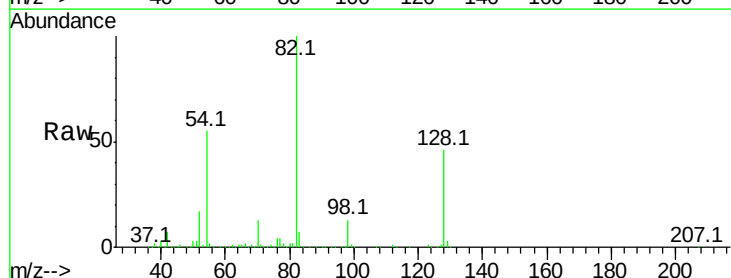
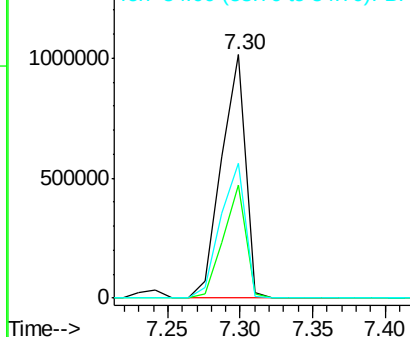
Acq: 30 Jan 2016 3:46

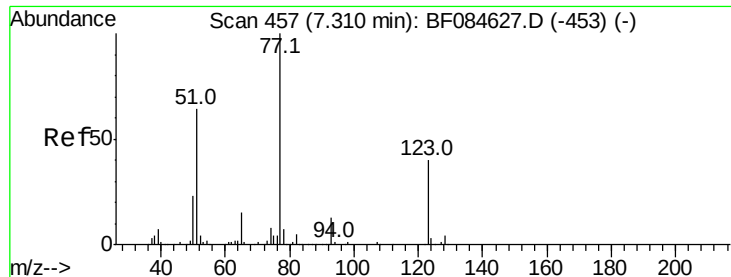
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	55.2	38.4	57.6

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 40.06 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

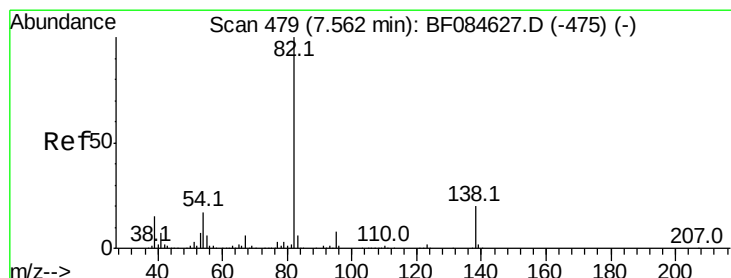
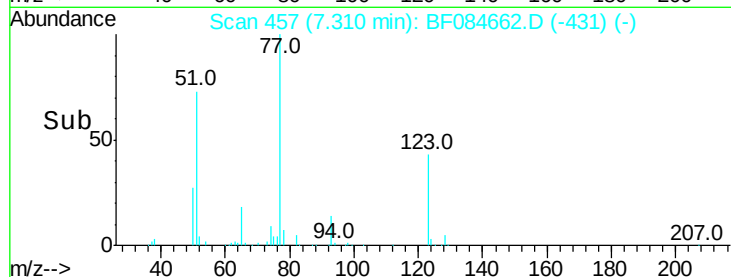
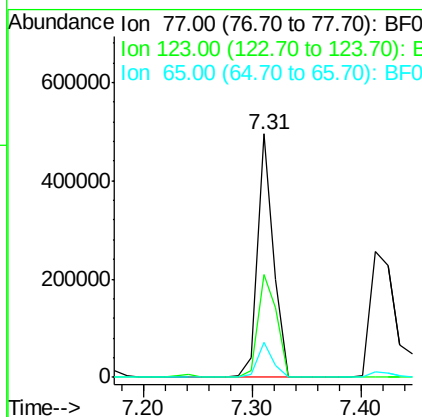
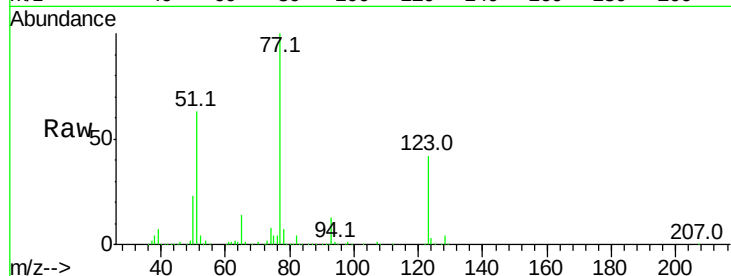
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	77	Resp:	509265
Ion Ratio	Lower	Upper	
77	100		
123	42.0	37.4	56.2
65	14.5	10.9	16.3

Manual Integrations
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#25

Isophorone

Concen: 46.56 ng

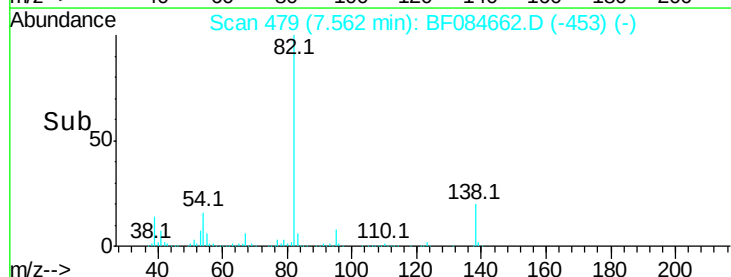
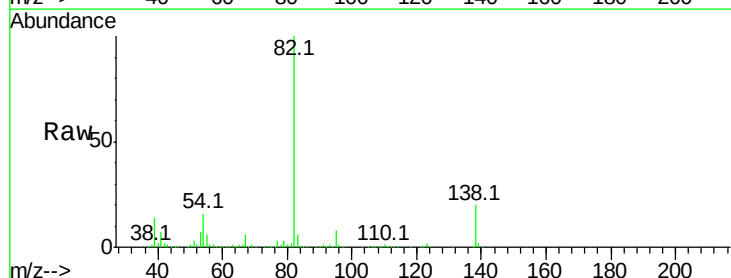
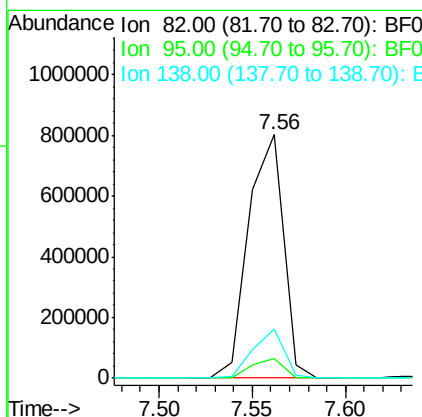
RT: 7.56 min Scan# 479

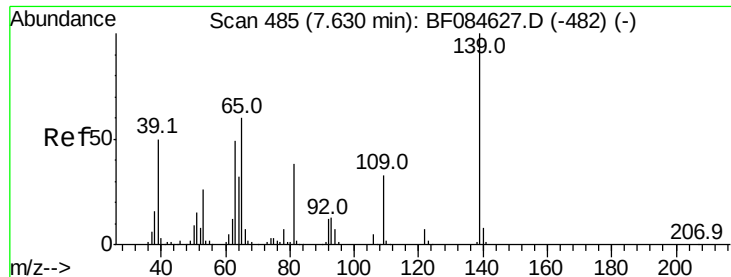
Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	82	Resp:	1043319
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	10.0
138	20.1	13.6	20.4





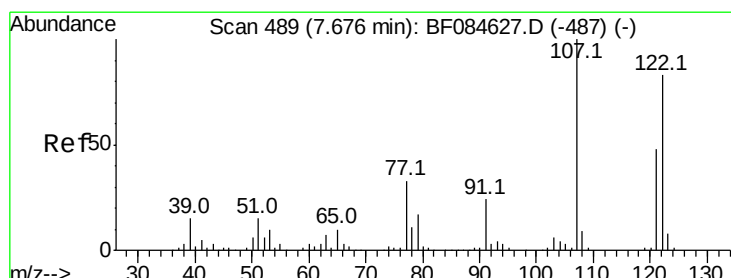
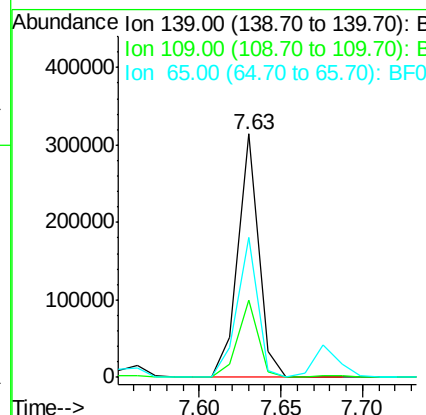
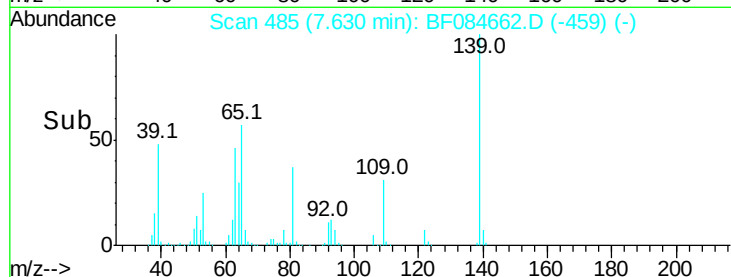
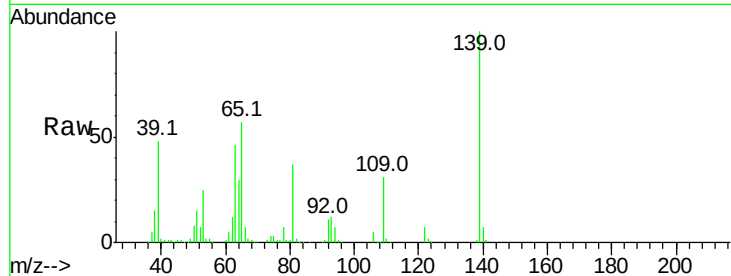
#26
2-Nitrophenol
Concen: 45.39 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.5	25.4	38.2	
65	57.5	32.3	48.5	

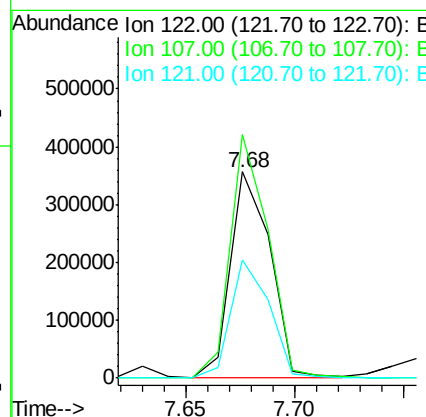
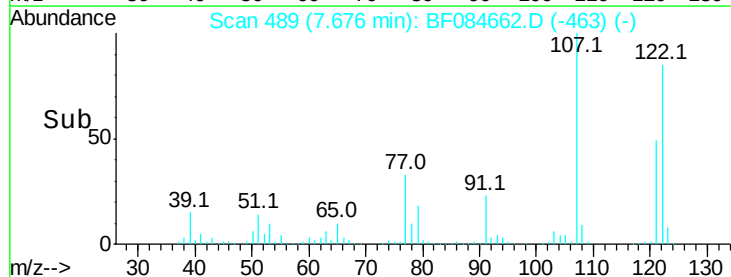
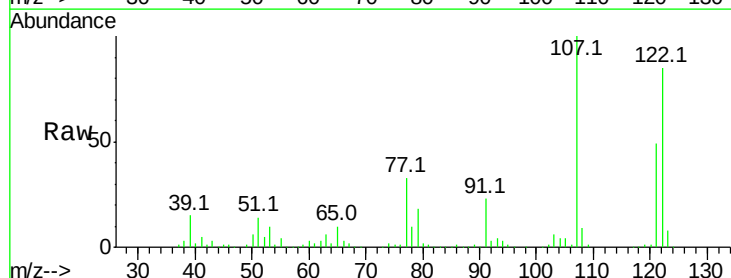
Manual Integrations
APPROVED

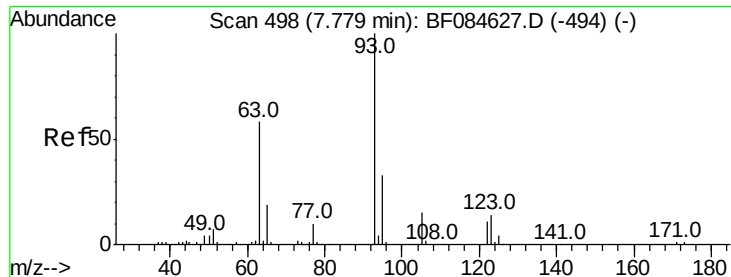
mohammad
2/1/2016 2:24:33 PM



#27
2,4-Dimethylphenol
Concen: 42.82 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.1	99.1	148.7	
121	57.4	47.9	71.9	





#28

bis(2-Chloroethoxy)methane

Concen: 45.56 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

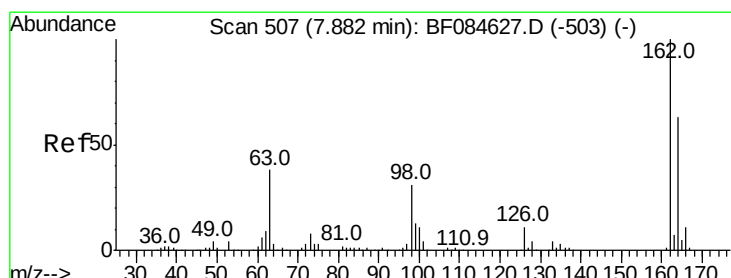
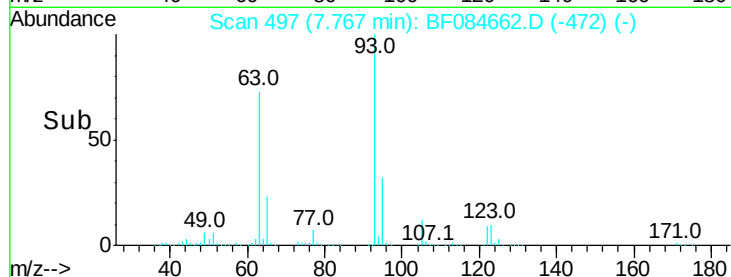
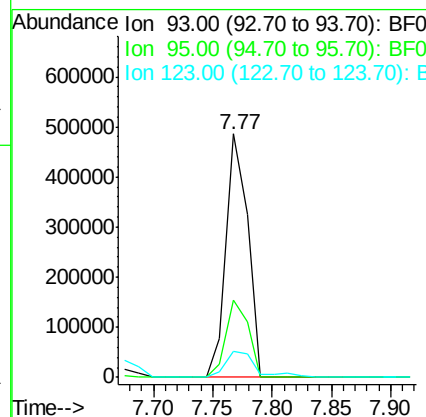
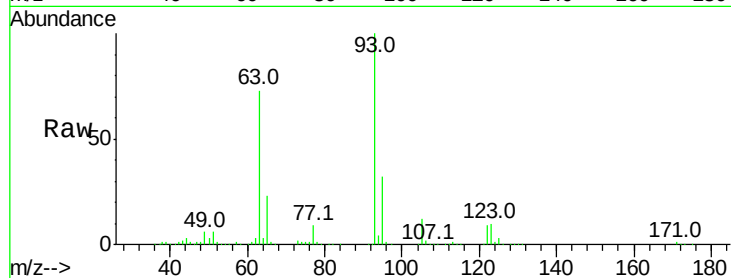
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	93	Resp:	612637
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.8	38.6
123	10.5	8.6	12.8

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#29

2,4-Dichlorophenol

Concen: 48.73 ng

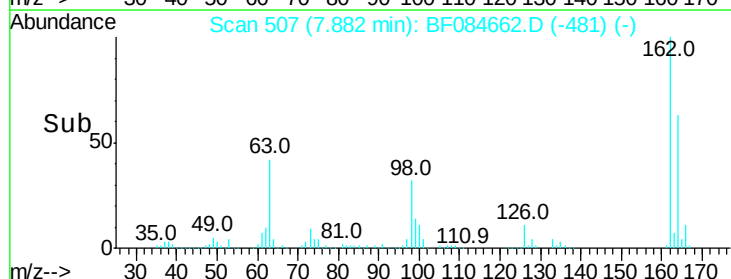
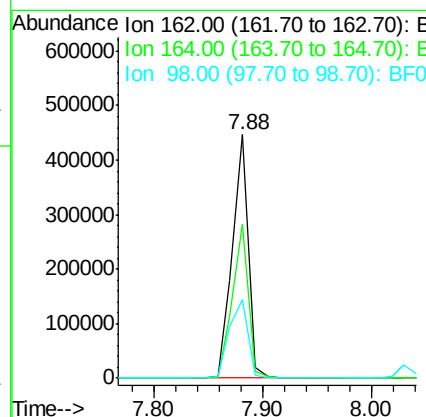
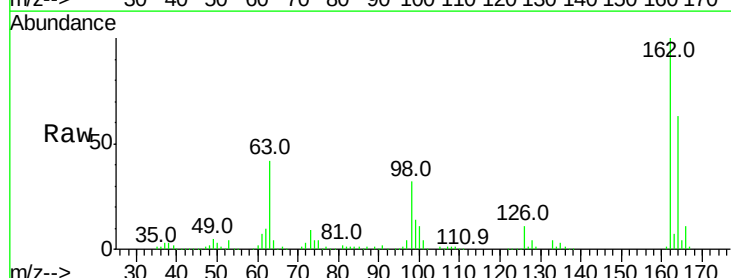
RT: 7.88 min Scan# 507

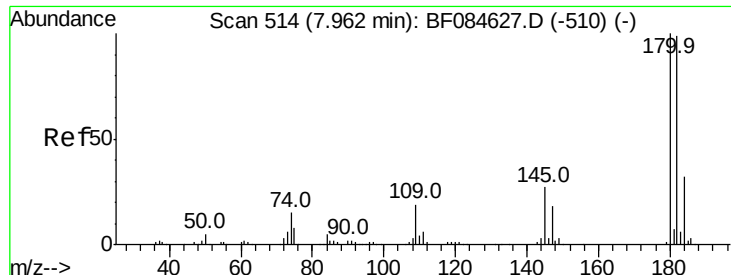
Delta R.T. -0.00 min

Lab File: BF084662.D

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Tgt Ion:	162	Resp:	451525
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.1	84.1
98	32.5	20.2	60.2





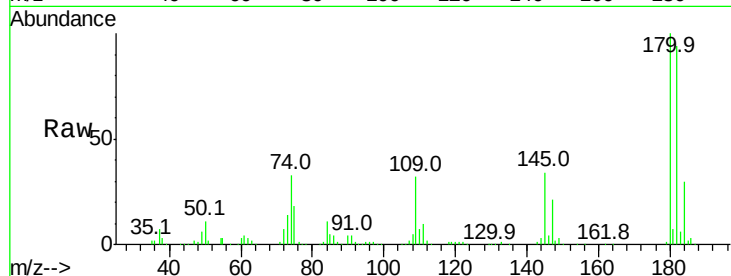
#30
 1,2,4-Trichlorobenzene
 Concen: 43.02 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

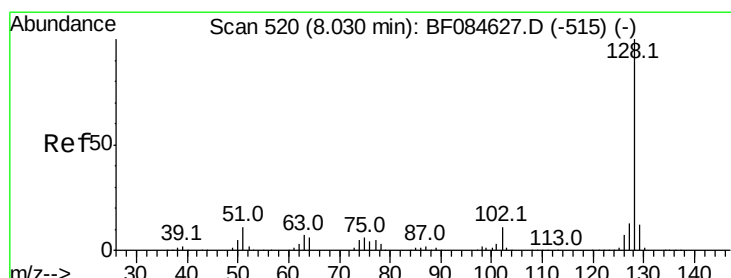
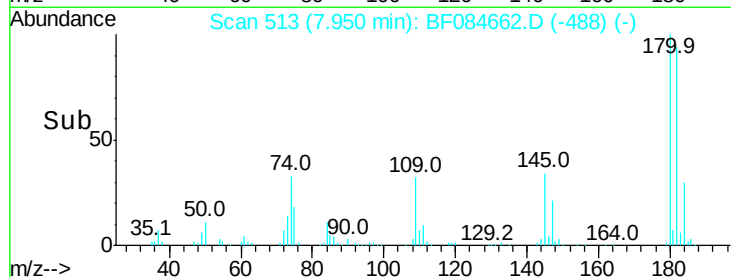
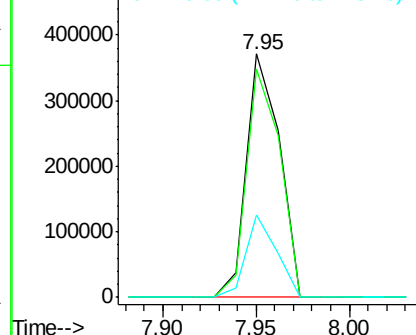
Tot Ion	Ratio	Resp	Lower	Upper
180	100	455753		
182	93.8	76.4	114.6	
145	33.6	31.6	47.4	

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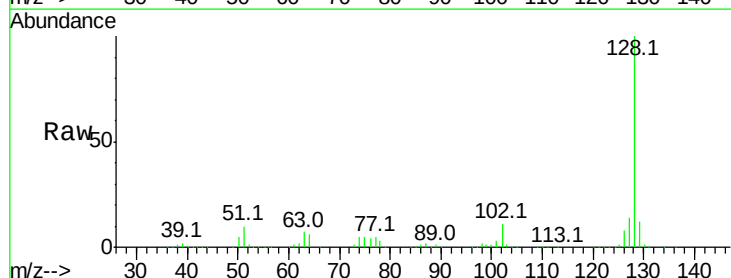


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

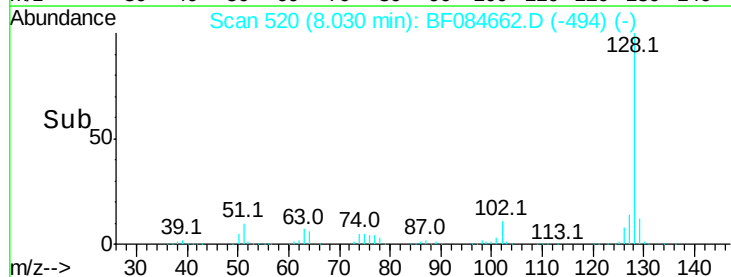
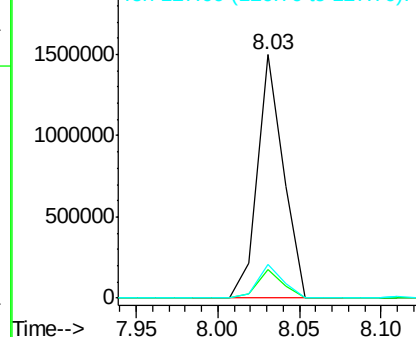


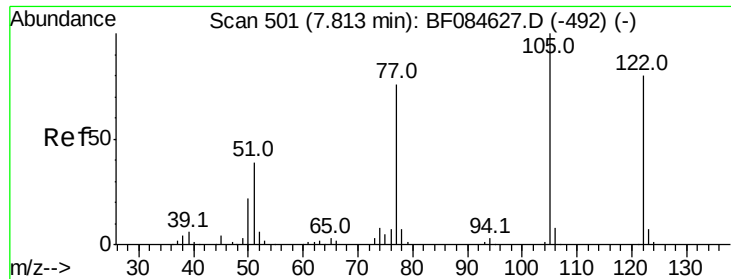
#31
 Naphthalene
 Concen: 48.89 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1649568		
129	11.7	9.1	13.7	
127	13.8	11.1	16.7	



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





#32

Benzoic acid

Concen: 39.35 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

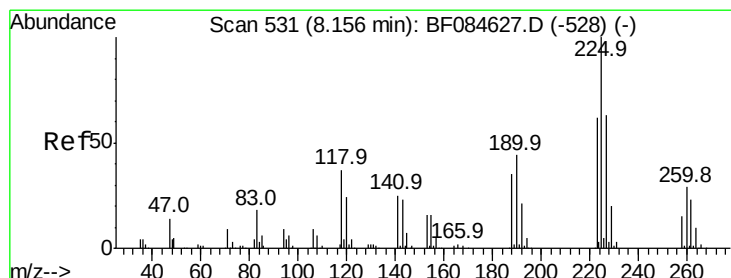
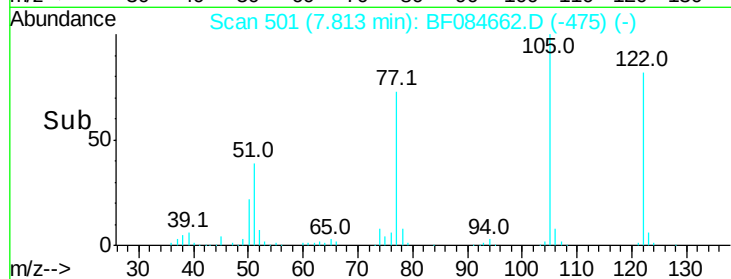
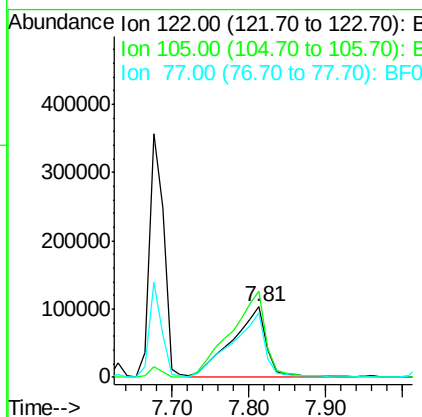
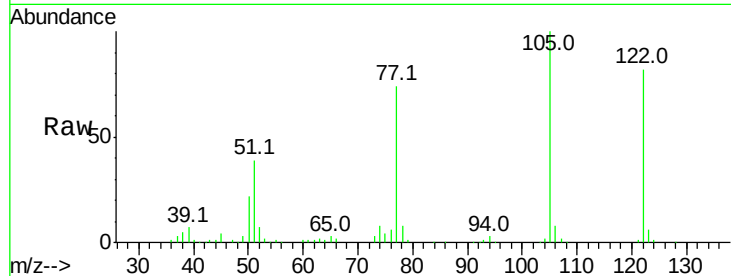
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	122	Resp:	319944
Ion Ratio	Lower	Upper	
122	100		
105	122.6	100.3	140.3
77	91.0	63.5	103.5

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#34

Hexachlorobutadiene

Concen: 43.86 ng

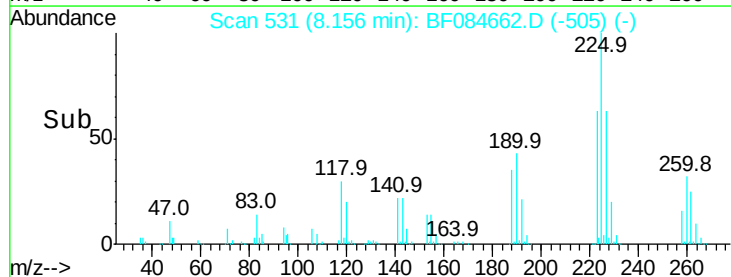
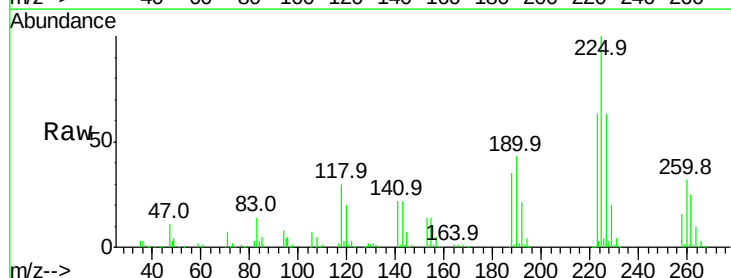
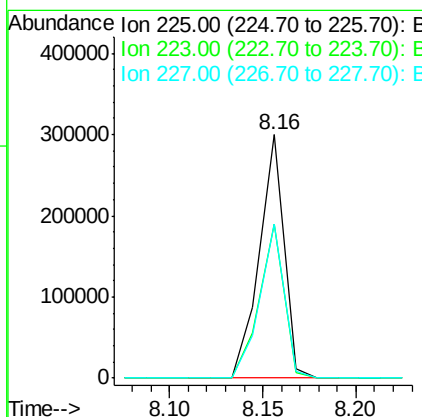
RT: 8.16 min Scan# 531

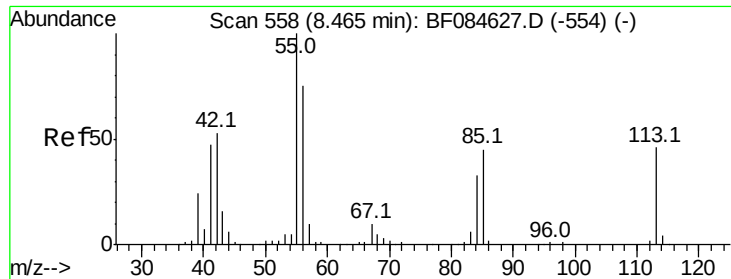
Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	225	Resp:	274594
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.4	74.0
227	63.2	50.8	76.2





#35

Caprolactam

Concen: 47.50 ng/ml

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleID :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:113 Resp: 126293
Ion Ratio Lower Upper

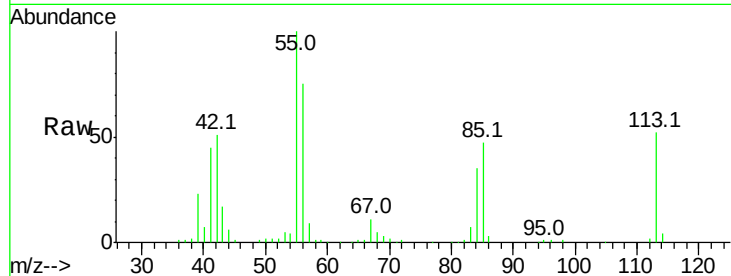
113 100

55 193.6 116.9 156.9#

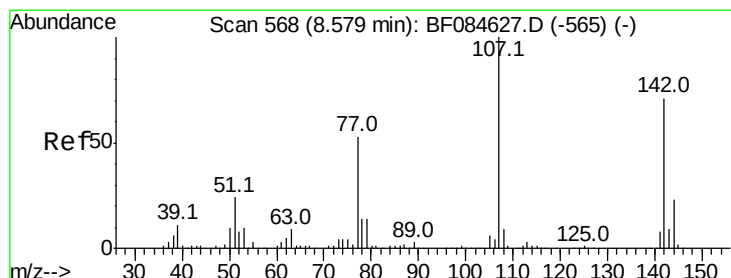
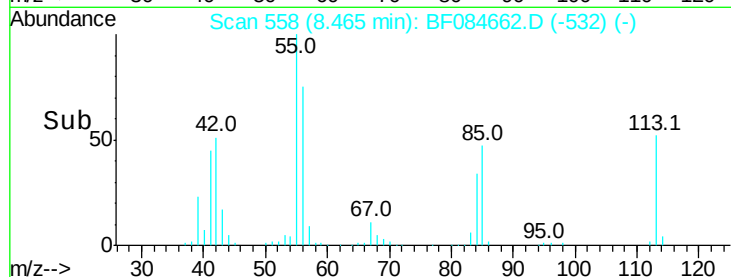
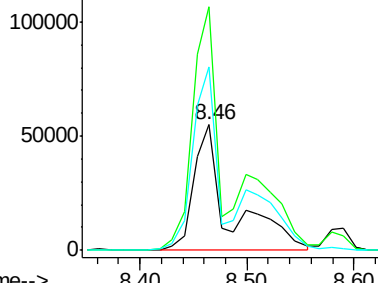
56 145.5 93.8 133.8#

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



#36

4-Chloro-3-methylphenol

Concen: 48.67 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084662.D

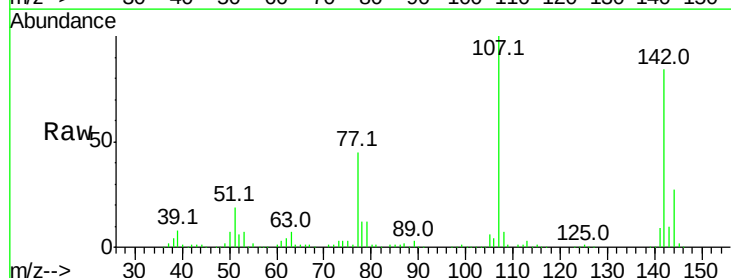
Acq: 30 Jan 2016 3:46

Tgt Ion:107 Resp: 496440
Ion Ratio Lower Upper

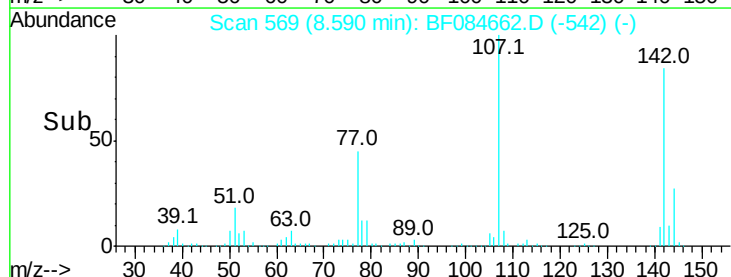
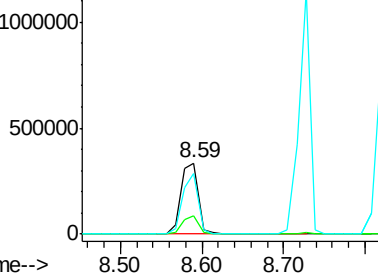
107 100

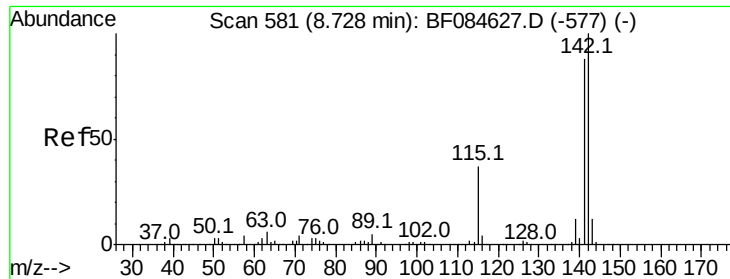
144 26.6 19.7 29.5

142 84.1 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.56 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:142 Resp: 1109260

Ion Ratio Lower Upper

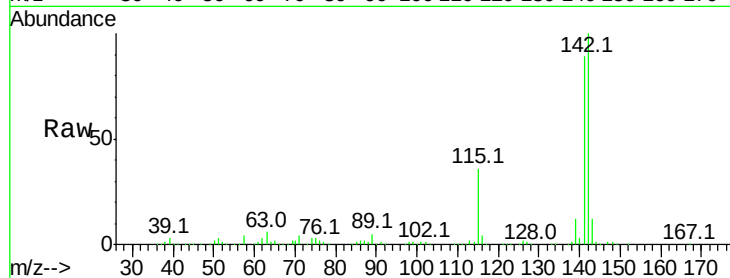
142 100

141 88.8 72.4 108.6

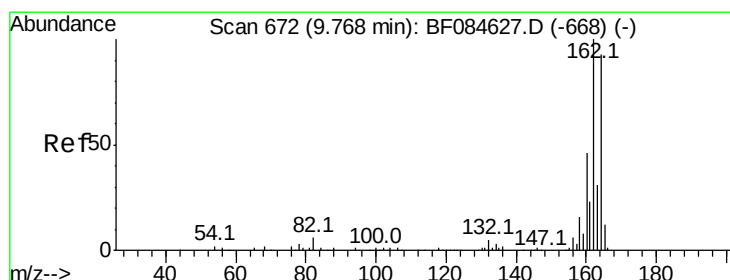
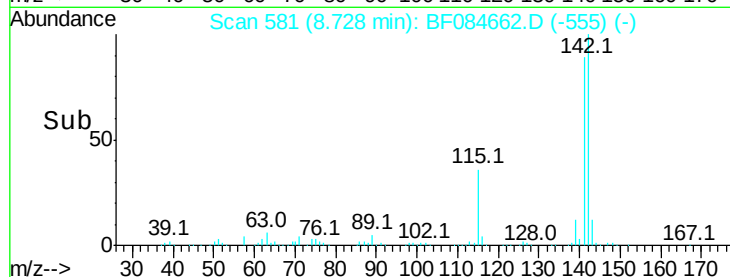
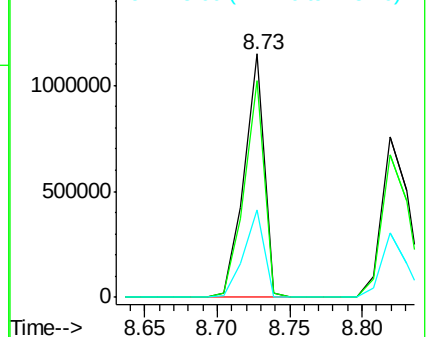
115 36.2 27.9 41.9

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

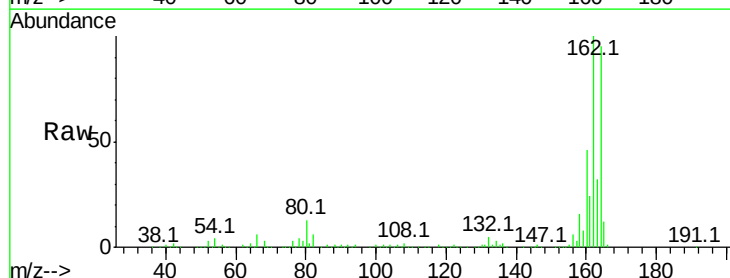
Tgt Ion:164 Resp: 317423

Ion Ratio Lower Upper

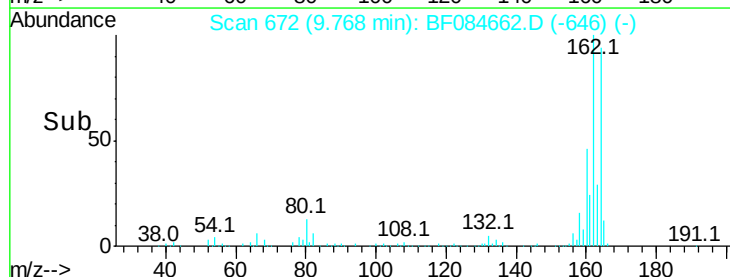
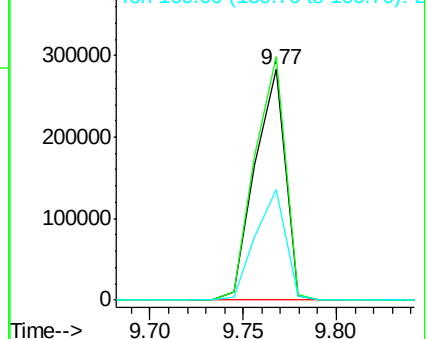
164 100

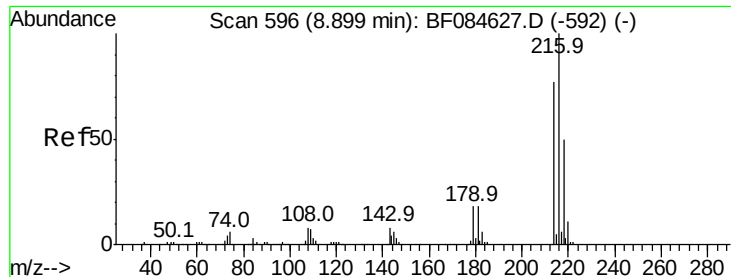
162 105.7 85.1 127.7

160 48.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.02 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084662.D

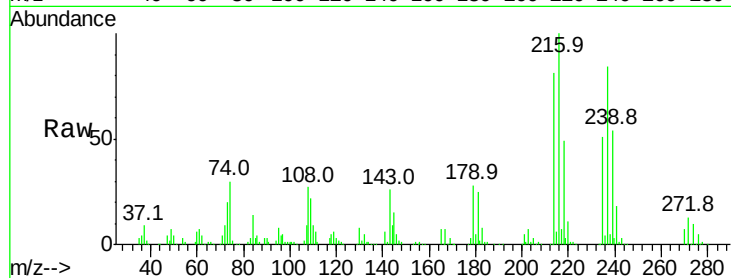
Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

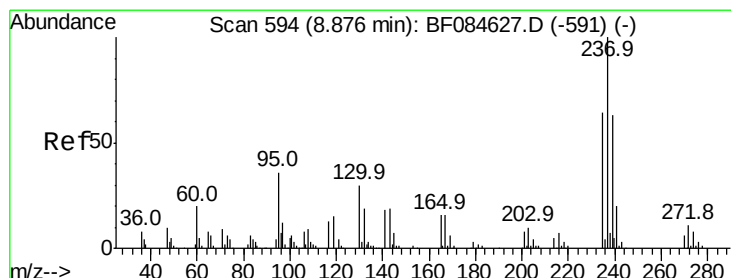
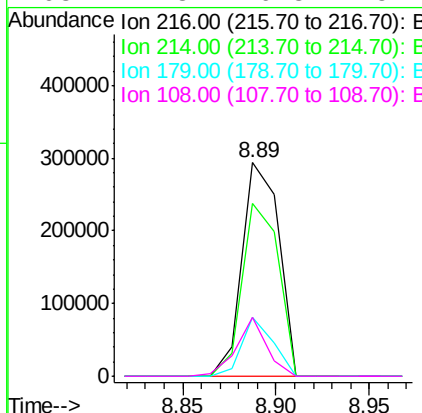
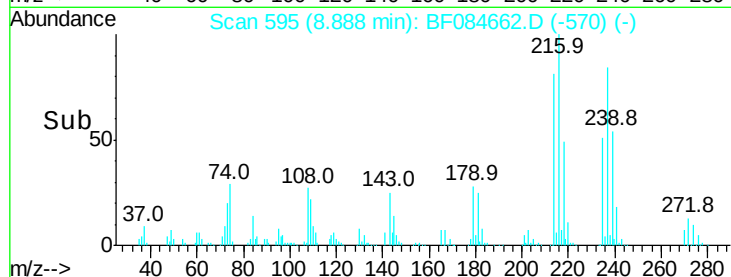
SCARBOROUGH1516-00(0-4)MS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	401724		
214	79.9	64.2	96.2	
179	23.8	18.7	28.1	
108	22.8	16.8	25.2	

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#40

Hexachlorocyclopentadiene

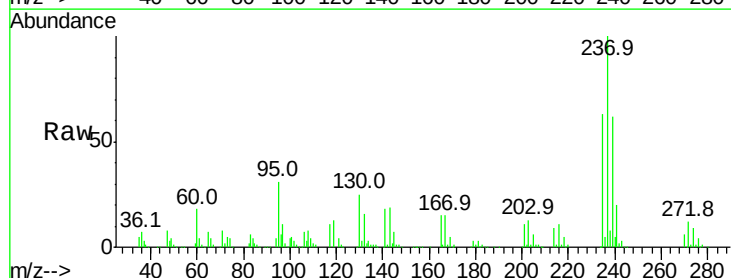
Concen: 92.62 ng

RT: 8.88 min Scan# 594

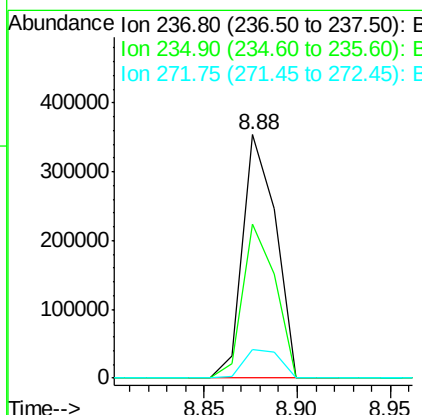
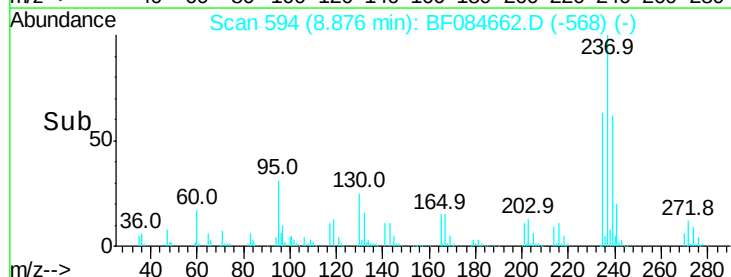
Delta R.T. -0.00 min

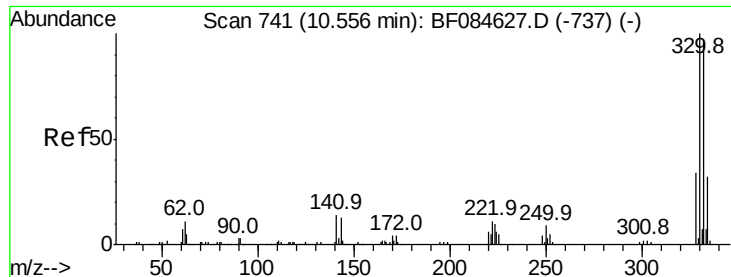
Lab File: BF084662.D

Acq: 30 Jan 2016 3:46



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	433519		
235	63.1	43.1	83.1	
272	11.9	0.0	35.1	





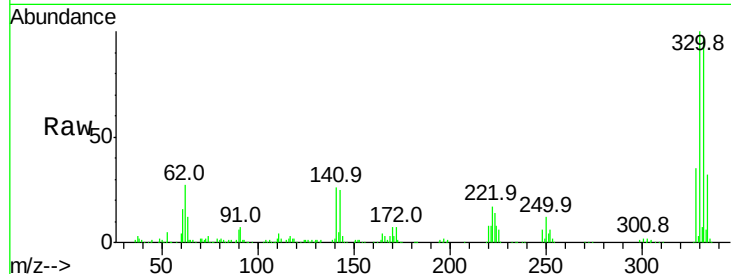
#41
 2,4,6-Tribromophenol
 Concen: 145.73 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

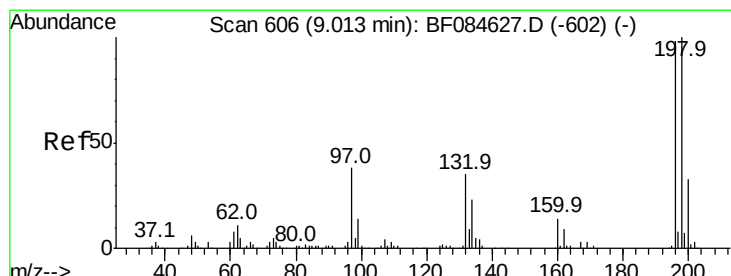
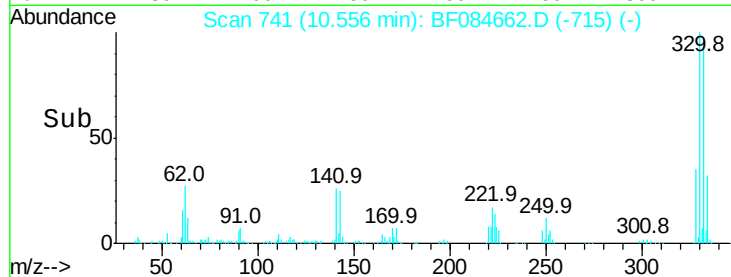
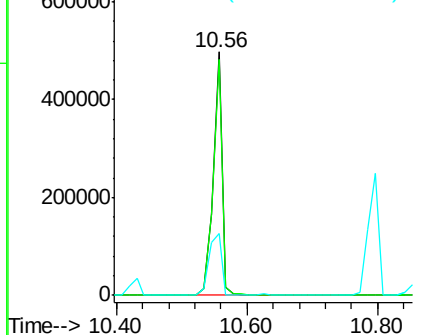
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	76.6	114.8	
141	35.8	27.8	41.6	

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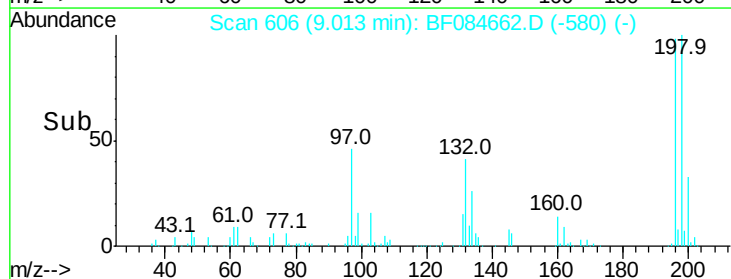
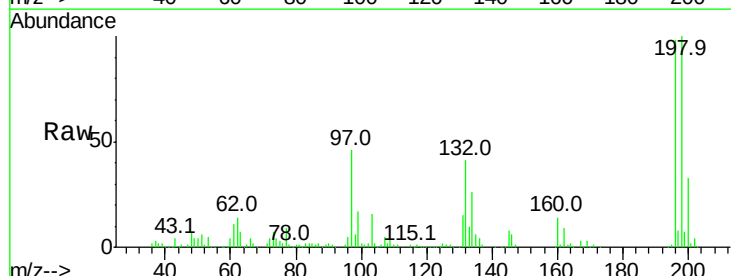
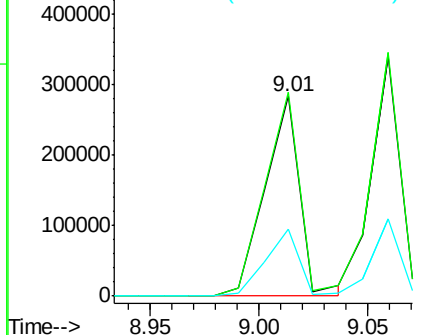
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

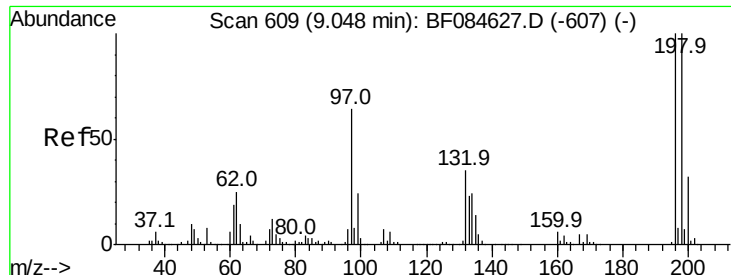


#42
 2,4,6-Trichlorophenol
 Concen: 49.55 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.5	77.7	116.5	
200	33.7	24.6	37.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





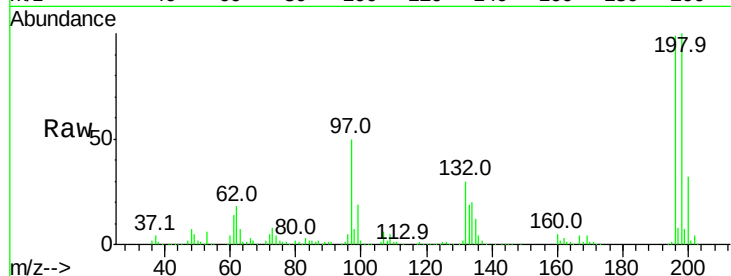
#43
 2,4,5-Trichlorophenol
 Concen: 47.79 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.3	79.0	118.6	
97	50.8	33.0	49.6	
132	30.3	21.1	31.7	

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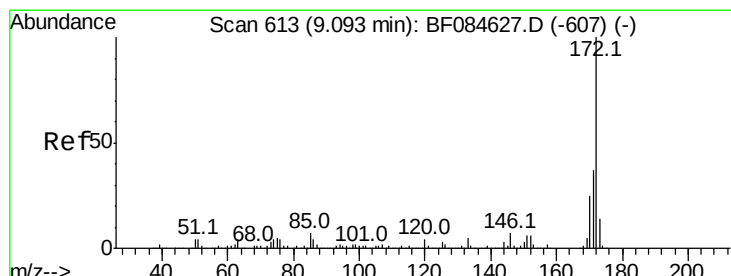
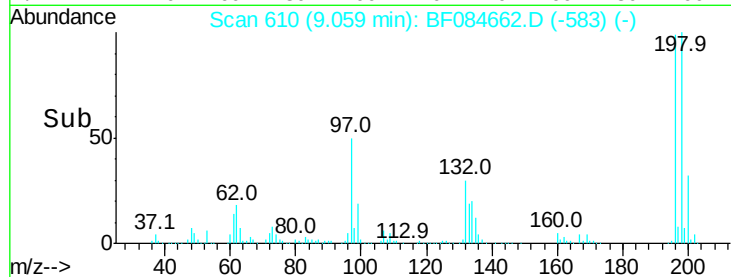
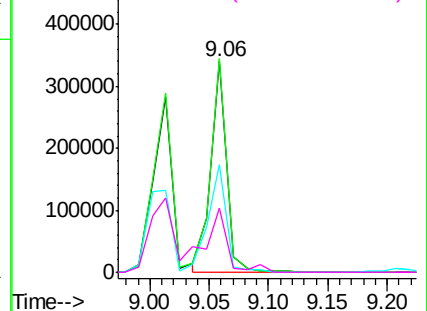
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

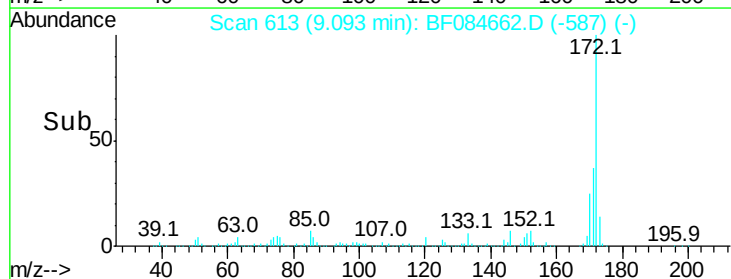
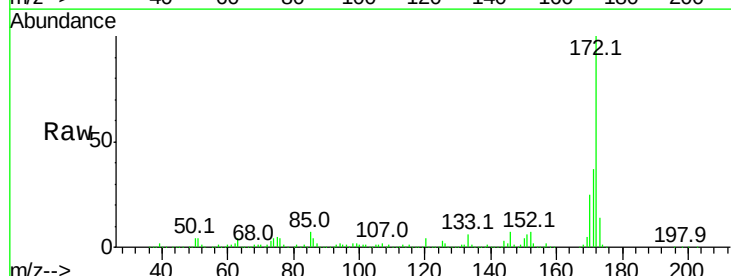
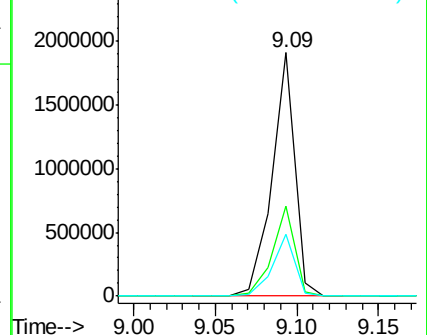
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	28.9	43.3	
170	25.4	18.6	27.8	

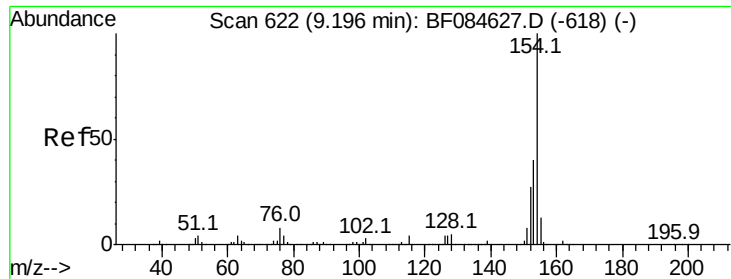
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.66 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:154 Resp: 1241069

Ion Ratio Lower Upper

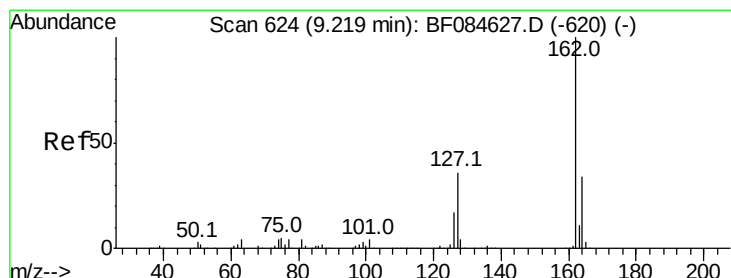
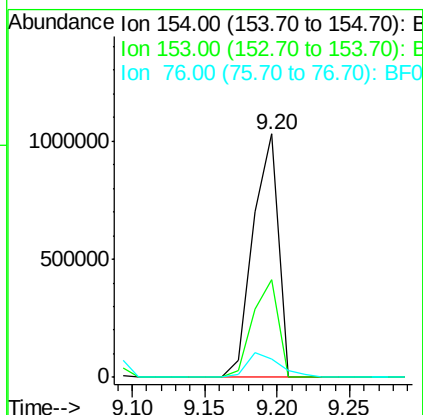
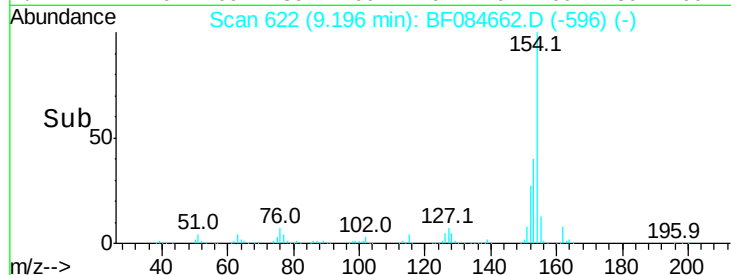
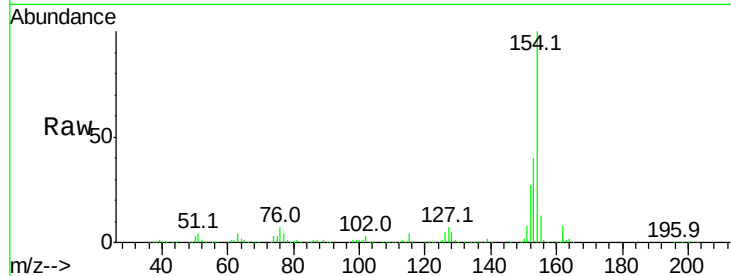
154 100

153 39.9 21.6 61.6

76 7.4 0.0 32.7

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 44.54 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

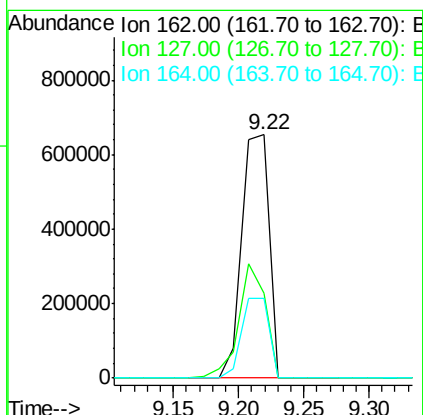
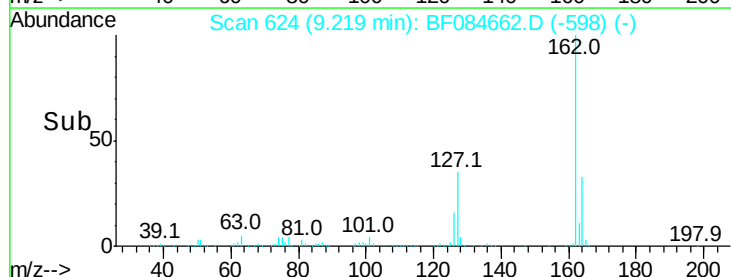
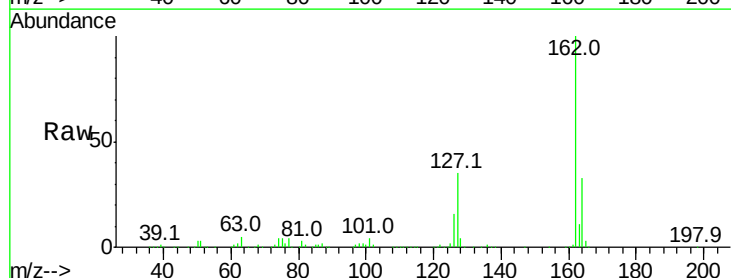
Tgt Ion:162 Resp: 945369

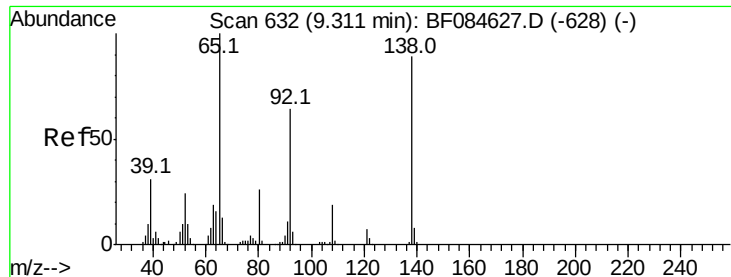
Ion Ratio Lower Upper

162 100

127 35.0 40.2 60.4#

164 32.7 25.7 38.5





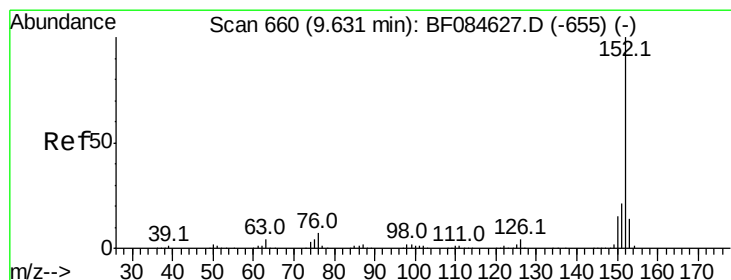
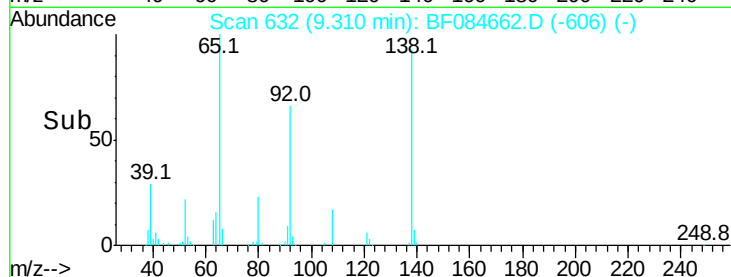
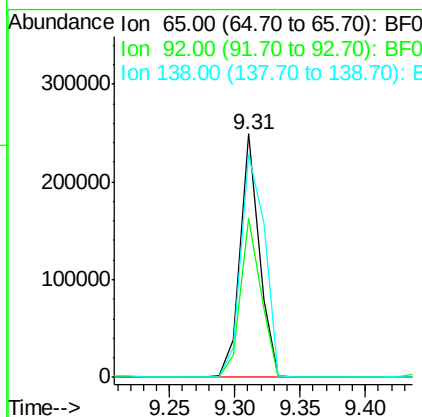
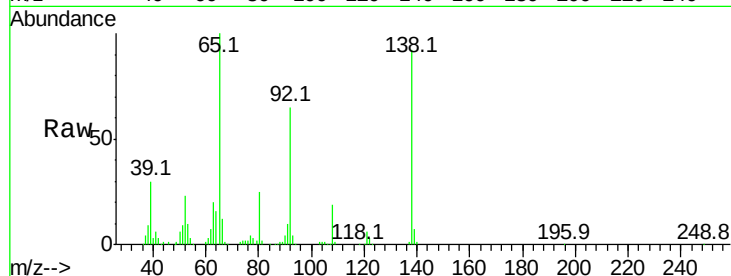
#47
2-Nitroaniline
Concen: 40.00 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.4	80.2
138	91.7	71.1	106.7

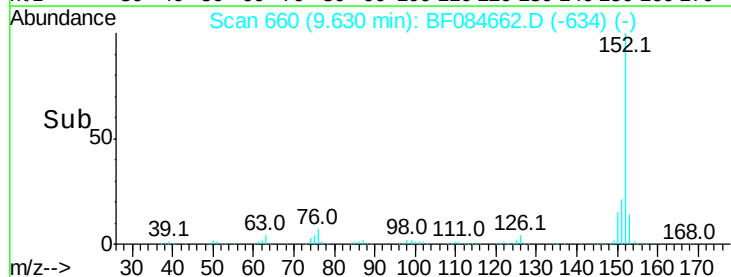
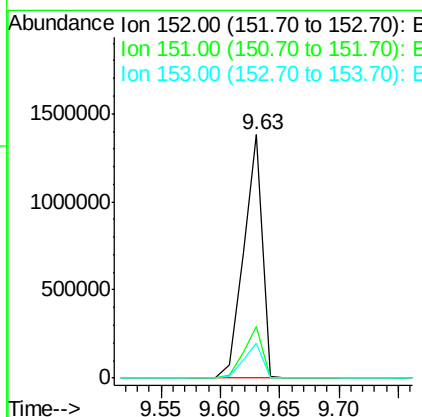
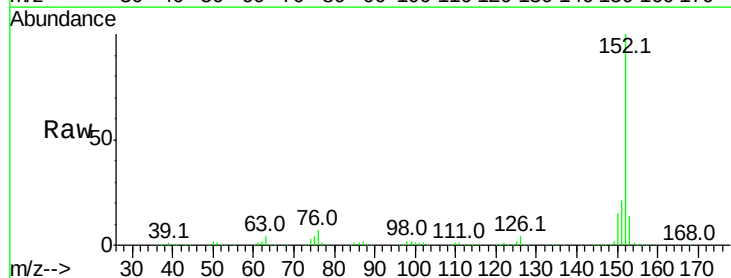
Manual Integrations
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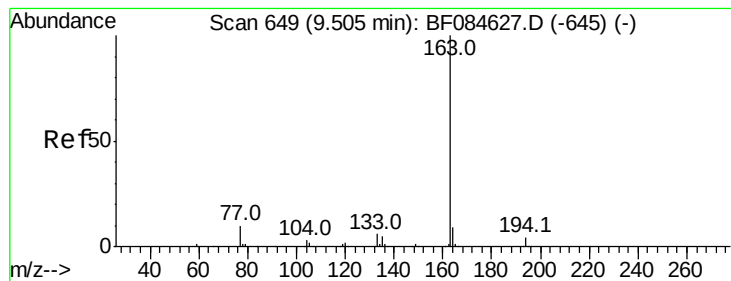
mohammad
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#48
Acenaphthylene
Concen: 46.57 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	14.4	10.4	15.6





#49

Dimethylphthalate

Concen: 50.24 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:163 Resp: 1196809

Ion Ratio Lower Upper

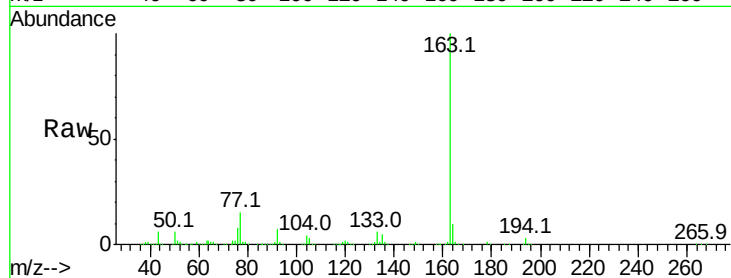
163 100

194 3.4 8.0 12.0#

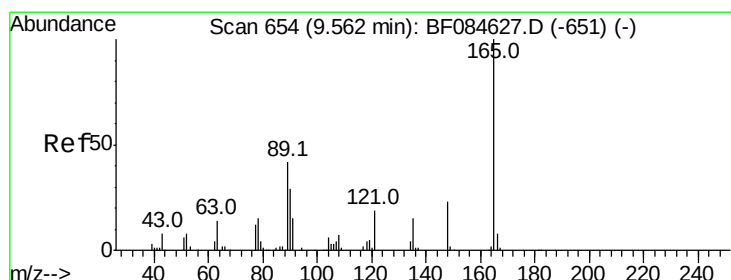
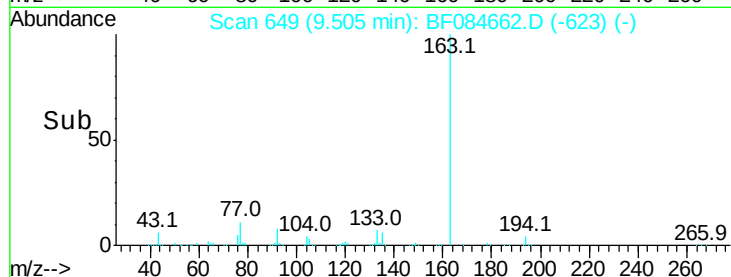
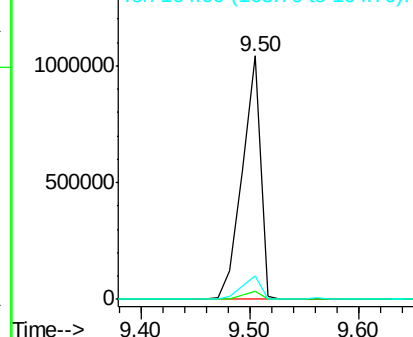
164 9.9 8.0 12.0

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



#50

2,6-Dinitrotoluene

Concen: 51.20 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

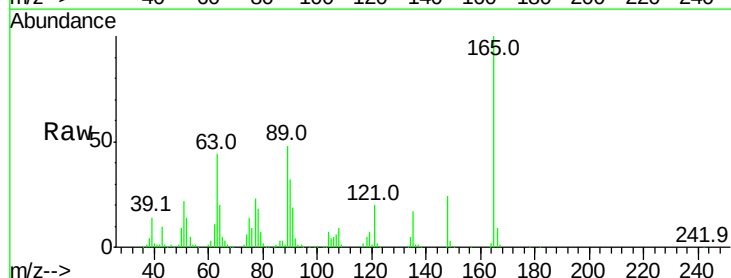
Tgt Ion:165 Resp: 268404

Ion Ratio Lower Upper

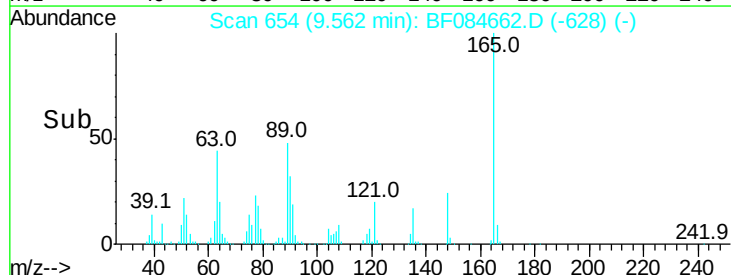
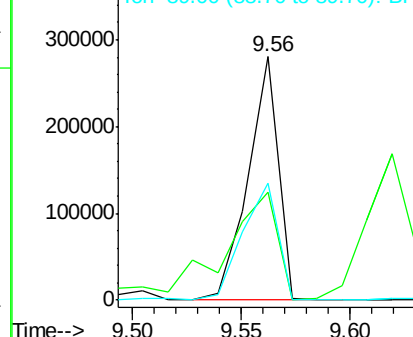
165 100

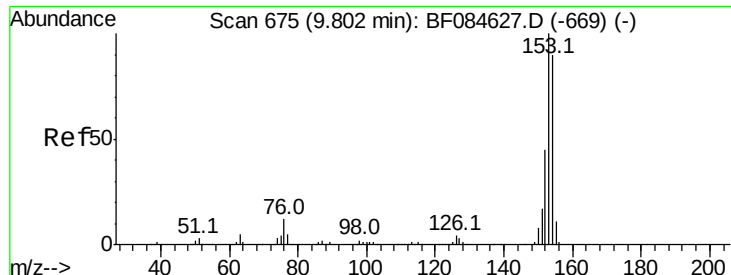
63 44.4 28.8 43.2#

89 48.0 35.1 52.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.16 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:154 Resp: 1015677

Ion Ratio Lower Upper

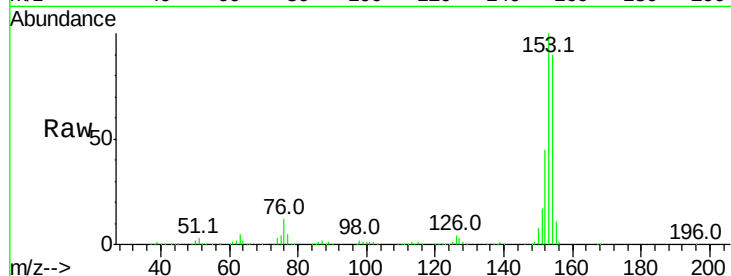
154 100

153 111.4 91.5 137.3

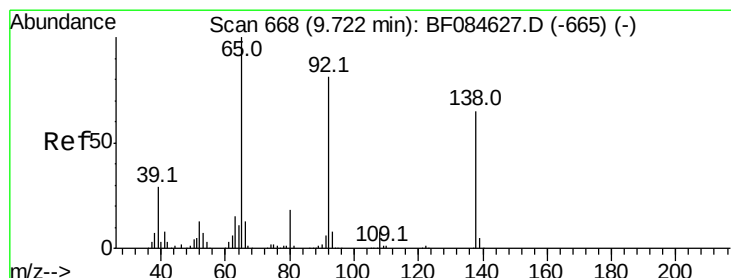
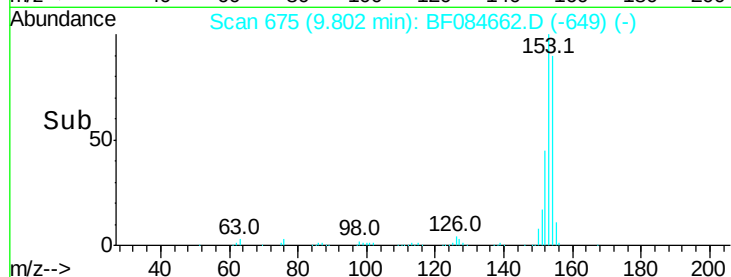
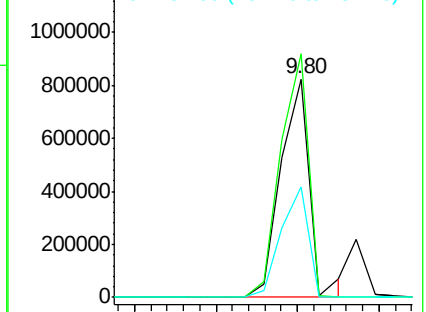
152 50.7 43.0 64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.14 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

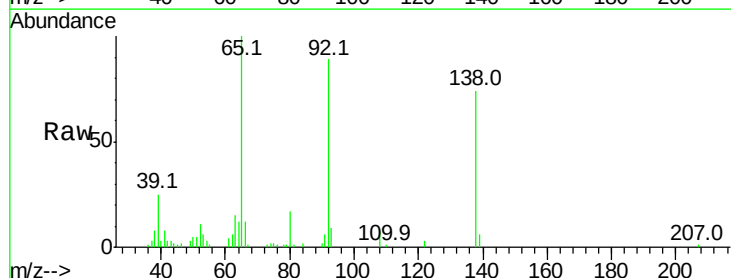
Tgt Ion:138 Resp: 22684

Ion Ratio Lower Upper

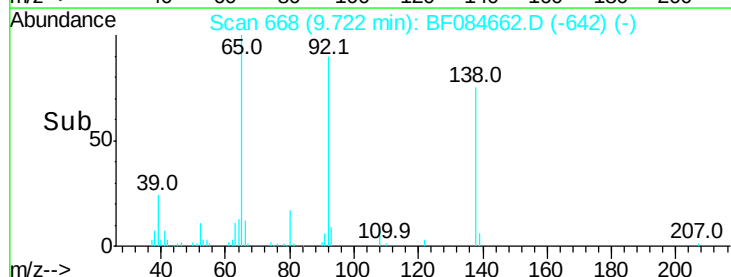
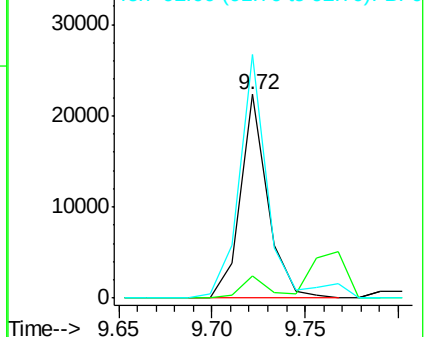
138 100

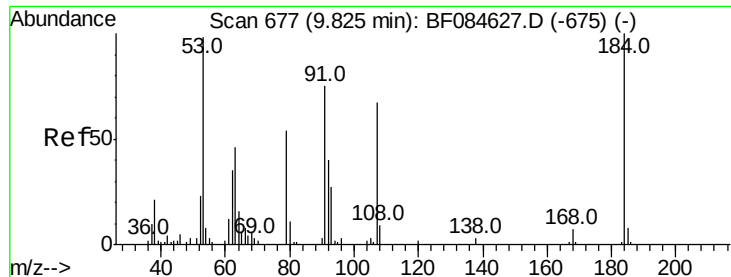
108 10.6 10.5 15.7

92 119.7 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 115.45 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

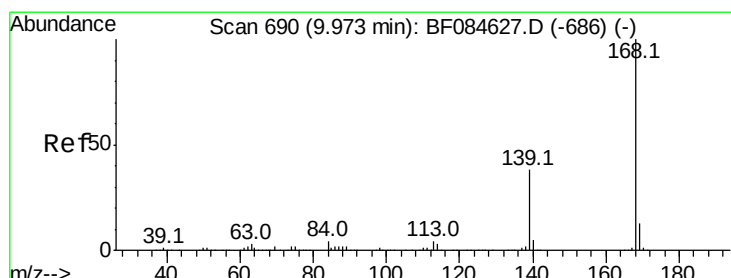
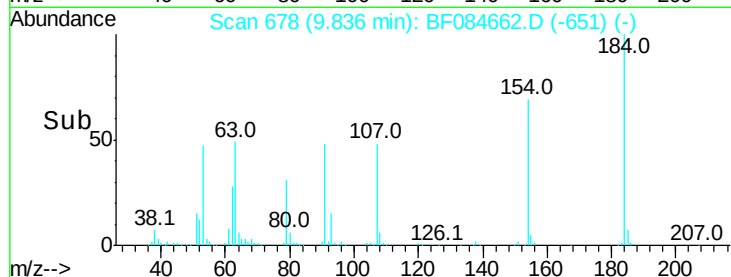
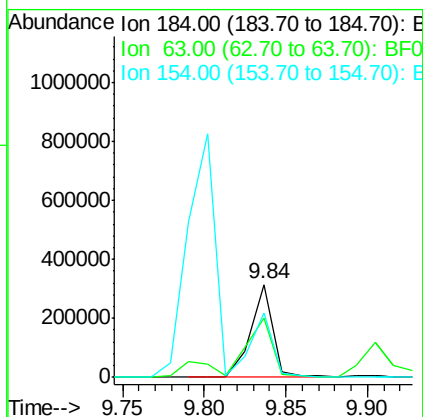
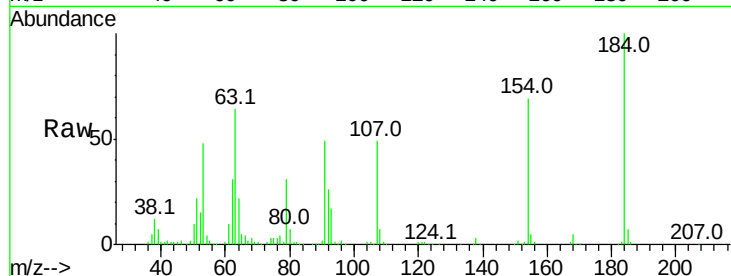
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	184	Resp:	298611
Ion Ratio	Lower	Upper	
184	100		
63	63.8	43.1	64.7
154	69.4	60.5	90.7

Manual Integrations
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#54

Dibenzofuran

Concen: 52.97 ng

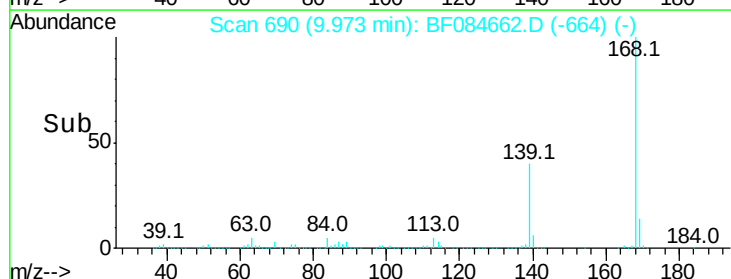
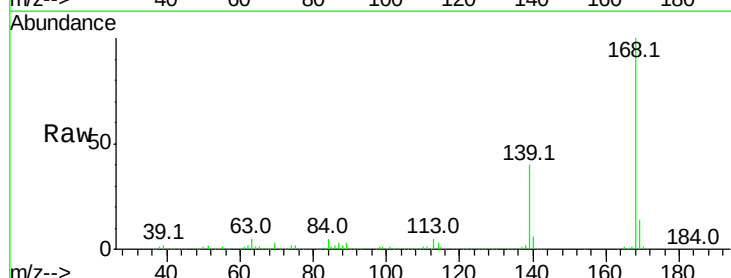
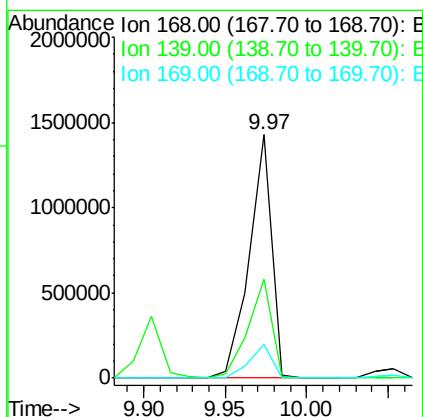
RT: 9.97 min Scan# 690

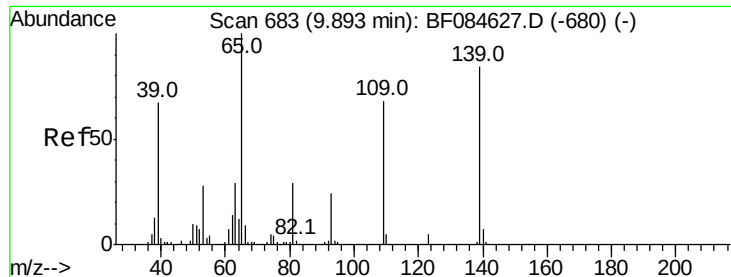
Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	168	Resp:	1361376
Ion Ratio	Lower	Upper	
168	100		
139	40.4	30.5	45.7
169	13.8	10.4	15.6





#55

4-Nitrophenol

Concen: 87.49 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:139 Resp: 351977

Ion Ratio Lower Upper

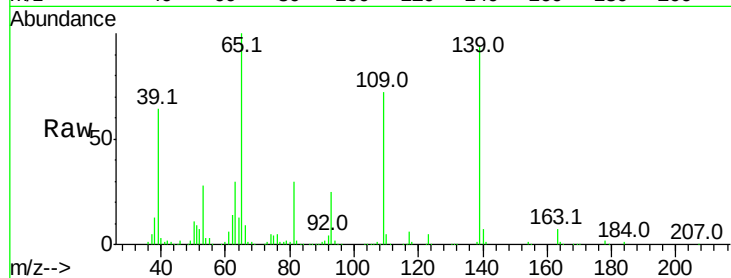
139 100

109 77.0 58.5 98.5

65 106.8 57.6 97.6#

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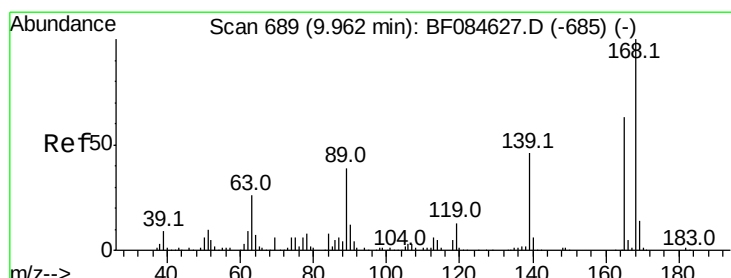
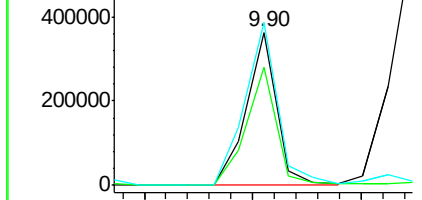
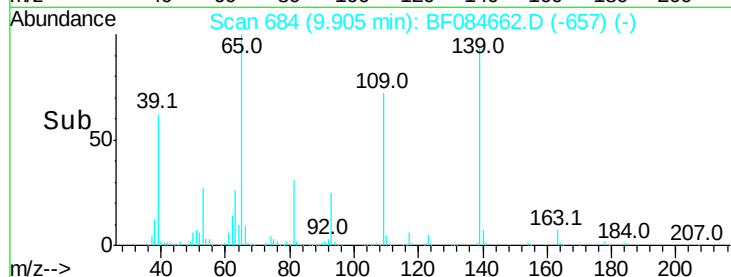
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.87 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:165 Resp: 339609

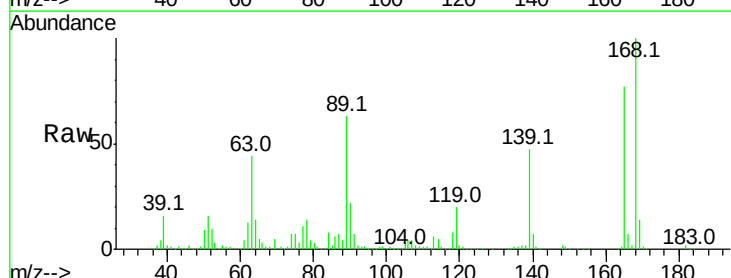
Ion Ratio Lower Upper

165 100

63 56.9 36.7 55.1#

89 81.8 61.9 92.9

182 2.0 2.0 3.0

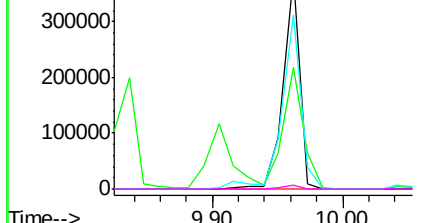
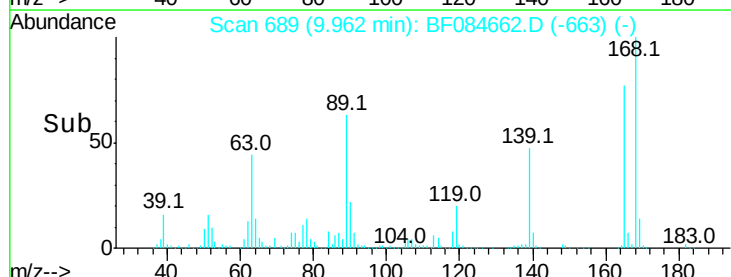


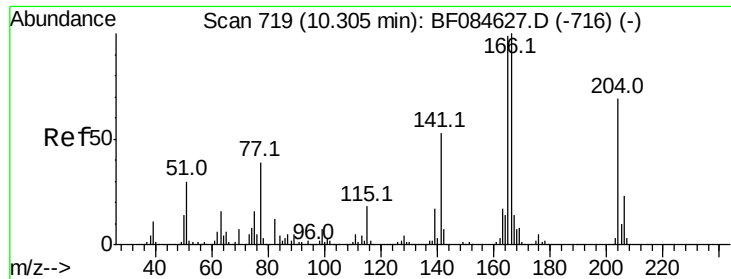
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.18 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:166 Resp: 1049606

Ion Ratio Lower Upper

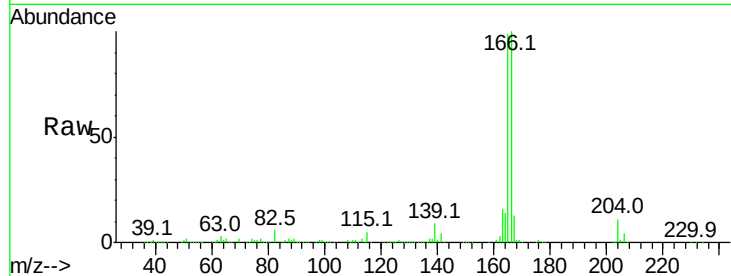
166 100

165 99.1 79.1 118.7

167 13.4 10.4 15.6

Manual Integrations
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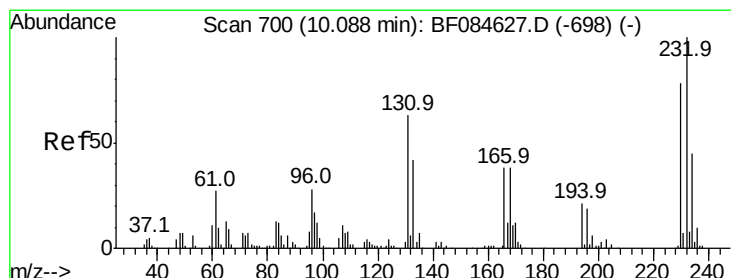
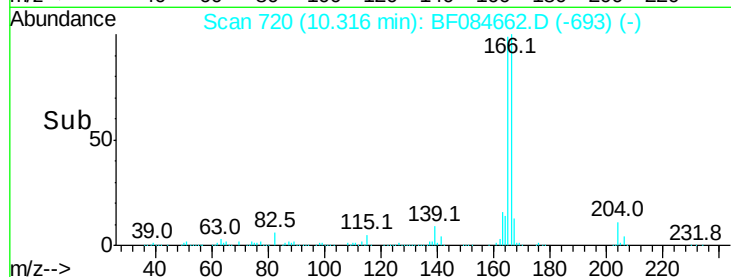
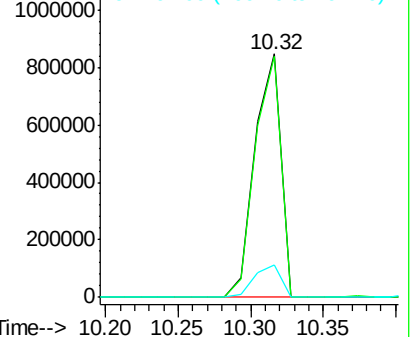
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 53.21 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:232 Resp: 265624

Ion Ratio Lower Upper

232 100

131 49.2 47.0 70.6

130 2.3 2.0 3.0

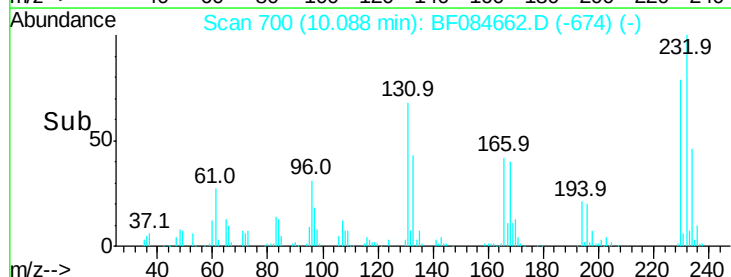
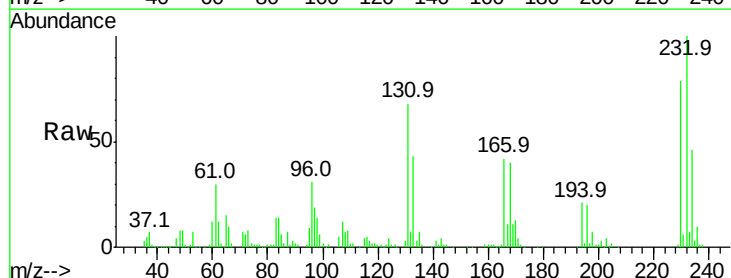
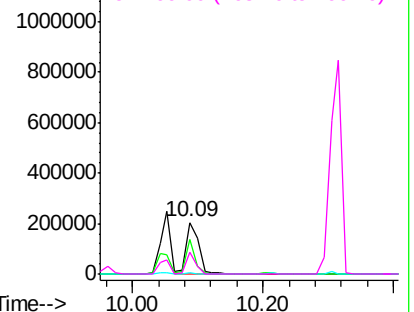
166 31.4 30.5 45.7

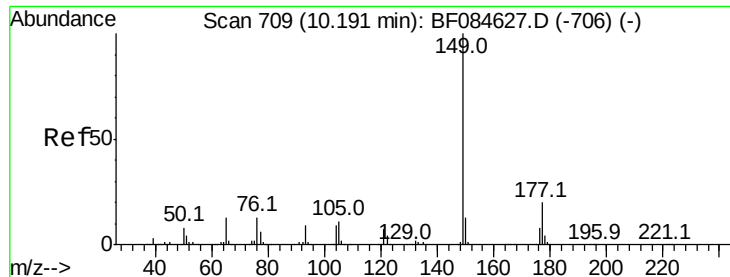
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.12 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:149 Resp: 1168837

Ion Ratio Lower Upper

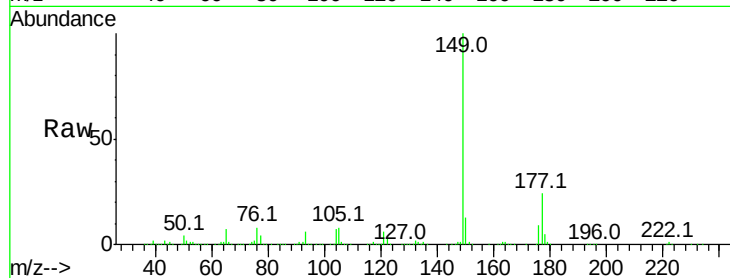
149 100

177 23.7 17.3 25.9

150 12.7 9.8 14.8

Manual Integrations
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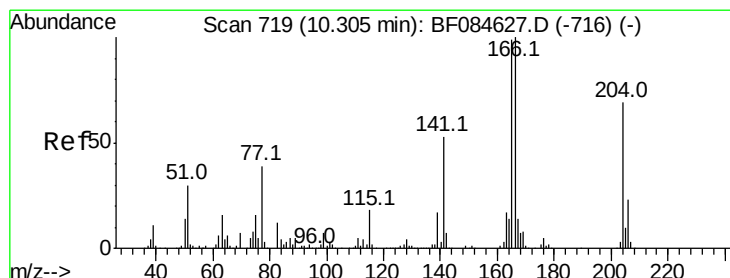
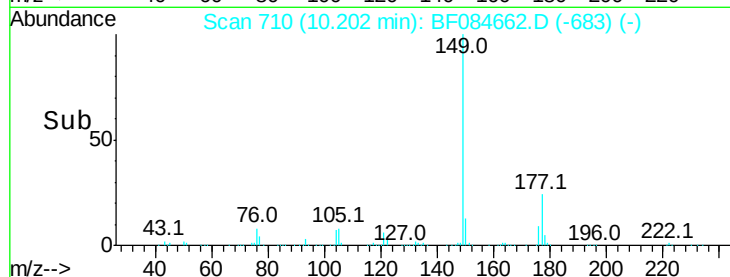
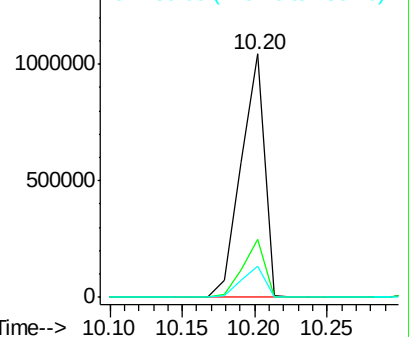
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.60 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

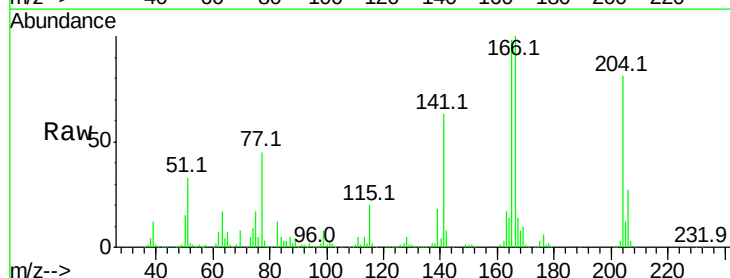
Tgt Ion:204 Resp: 436190

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

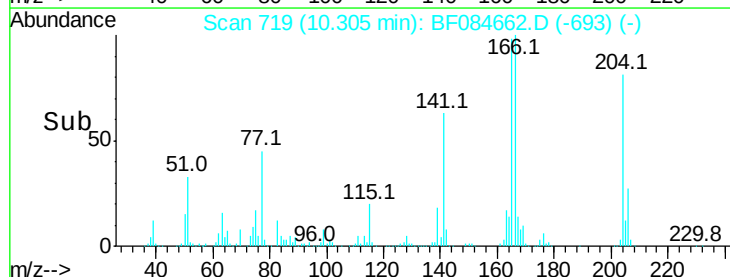
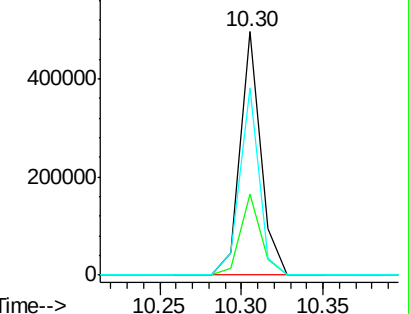
141 76.8 55.1 82.7

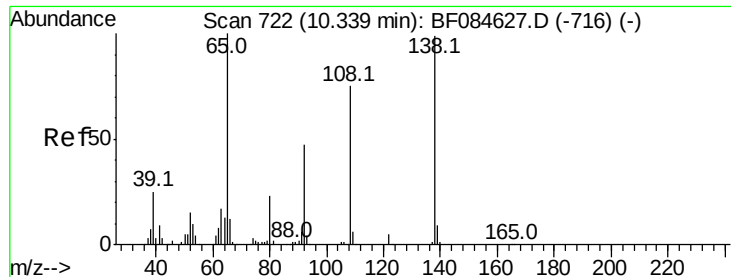


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.96 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

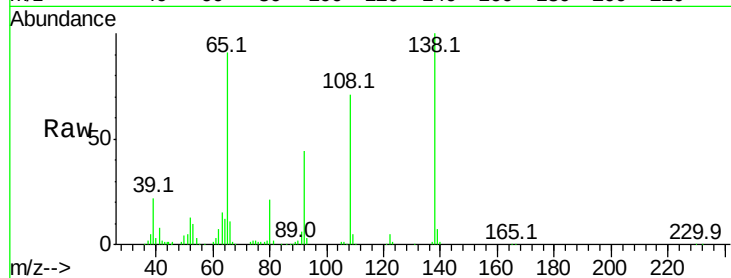
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	138	Resp:	170862
Ion Ratio	Lower	Upper	
138	100		
92	44.5	32.6	72.6
108	70.6	68.6	108.6

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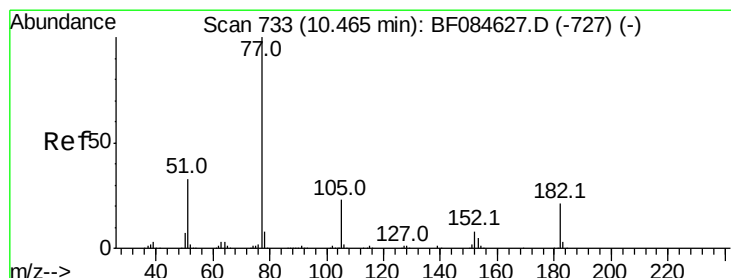
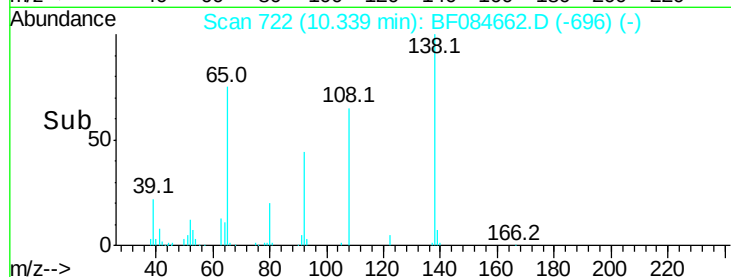
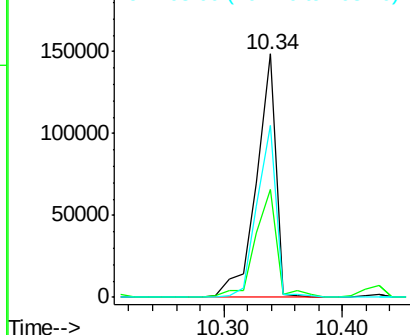
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.46 ng

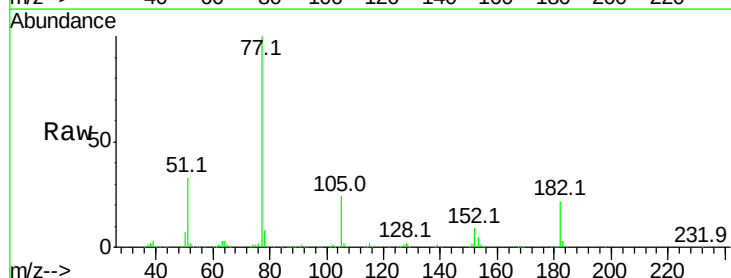
RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	77	Resp:	1126259
Ion Ratio	Lower	Upper	
77	100		
182	22.2	8.3	48.3
105	23.9	4.6	44.6
51	32.9	6.2	46.2

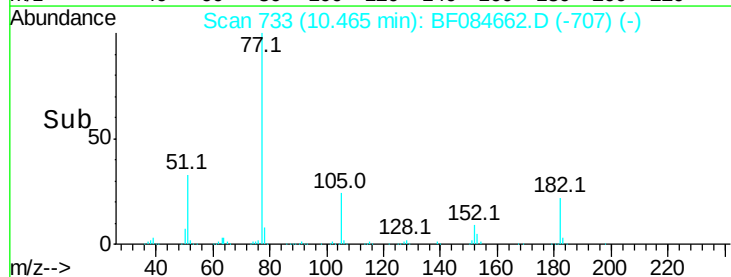
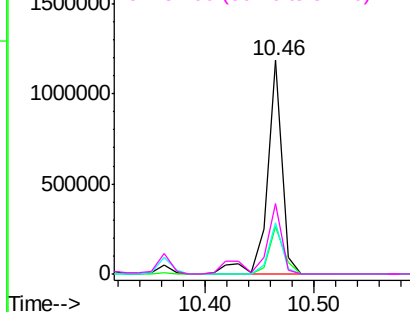


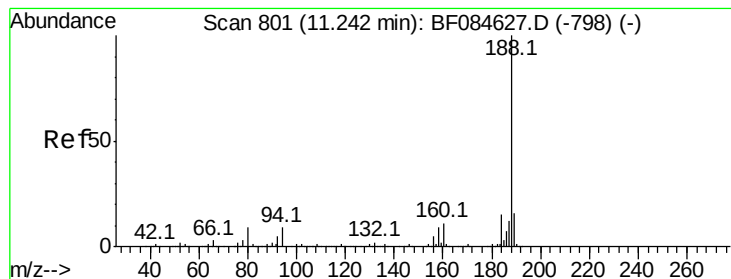
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

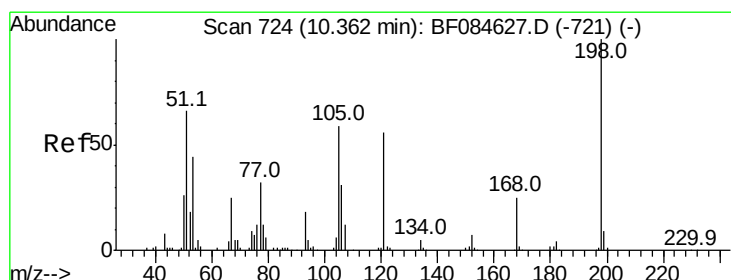
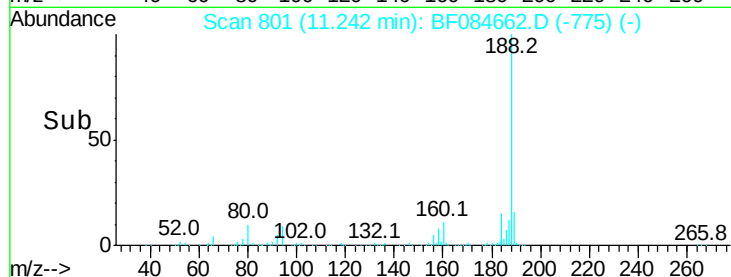
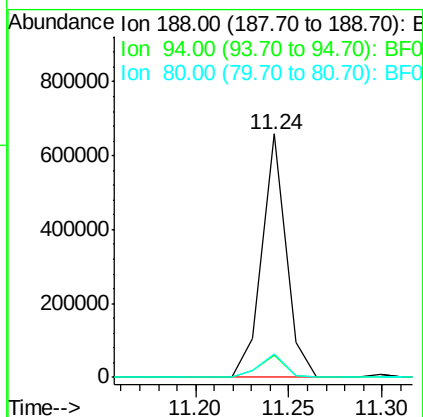
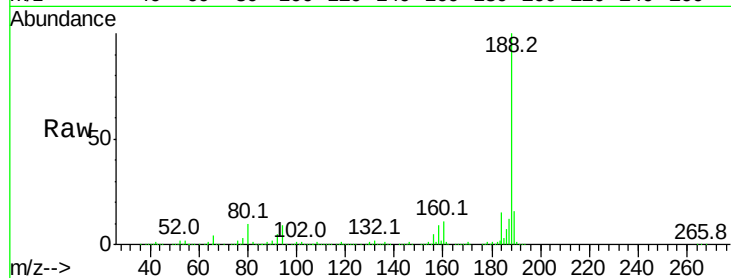
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	188	Resp:	590820
Ion Ratio	Lower	Upper	
188	100		
94	9.4	9.0	13.4
80	9.7	9.6	14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.00 ng

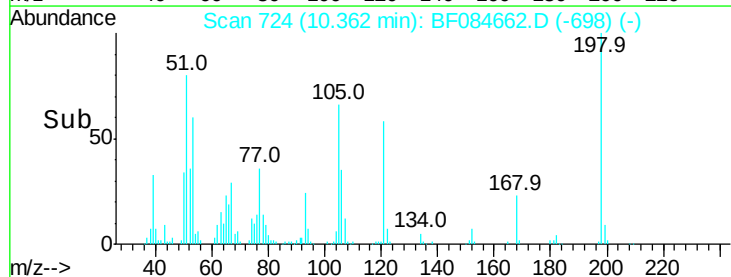
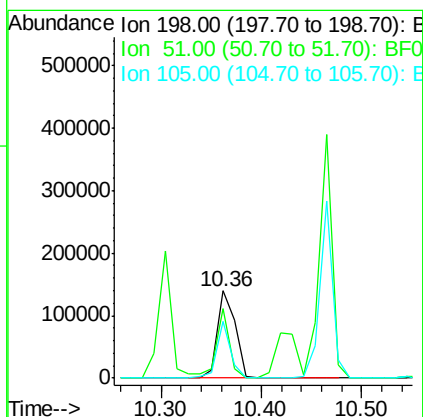
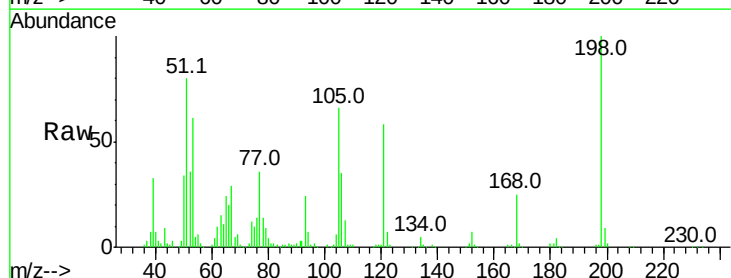
RT: 10.36 min Scan# 724

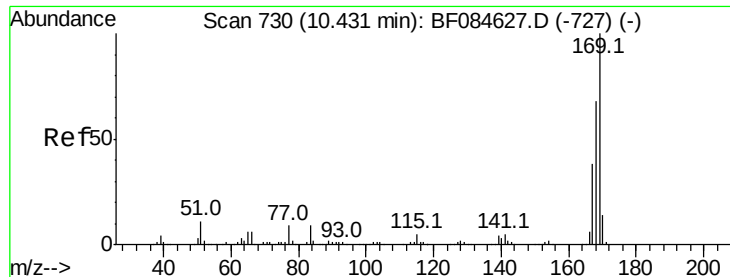
Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	198	Resp:	173670
Ion Ratio	Lower	Upper	
198	100		
51	80.1	18.9	58.9#
105	65.8	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 36.29 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

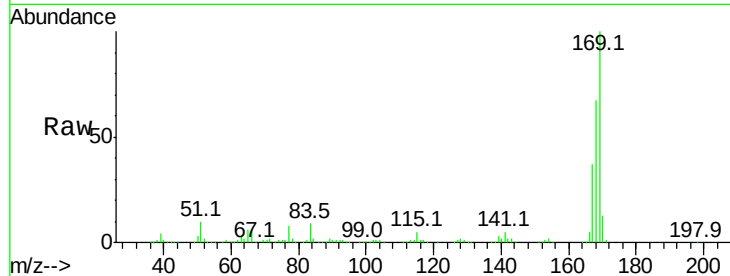
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

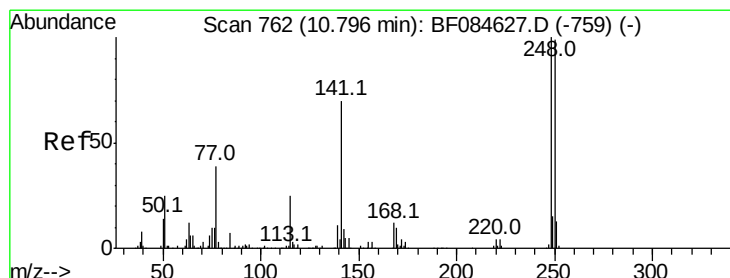
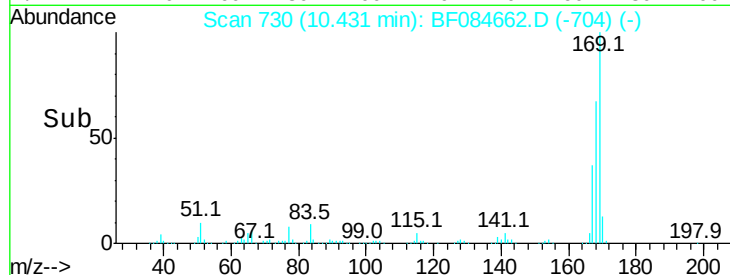
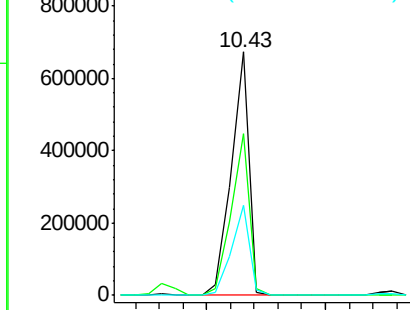
Tot Ion:	169	Resp:	695177
Ion Ratio	Lower	Upper	
169	100		
168	66.7	55.1	82.7
167	36.7	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 49.54 ng

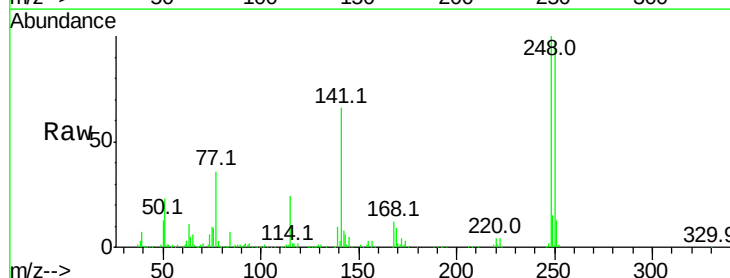
RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

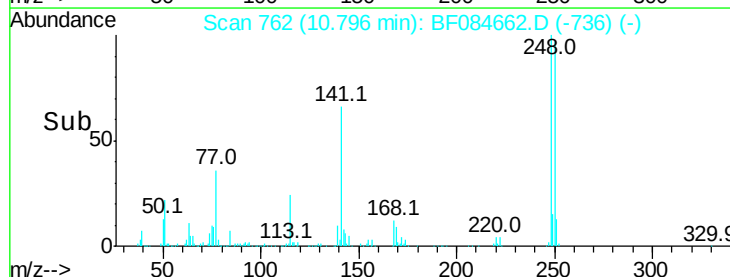
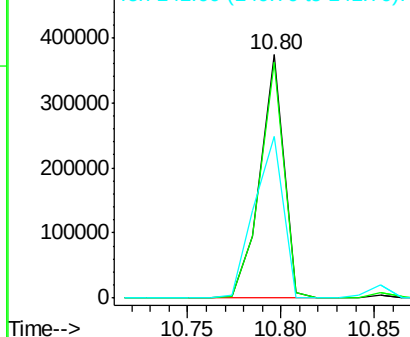
Lab File: BF084662.D

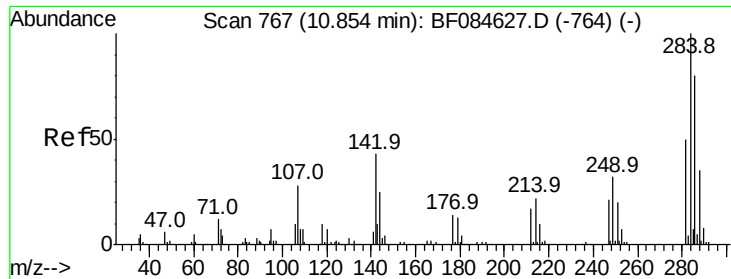
Acq: 30 Jan 2016 3:46

Tgt Ion:	248	Resp:	329647
Ion Ratio	Lower	Upper	
248	100		
250	97.0	78.4	117.6
141	66.3	44.0	66.0



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





#67

Hexachlorobenzene

Concen: 44.24 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

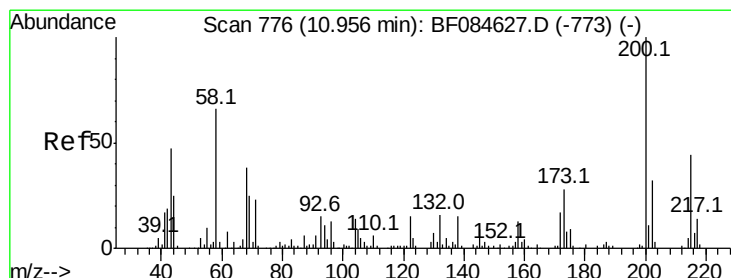
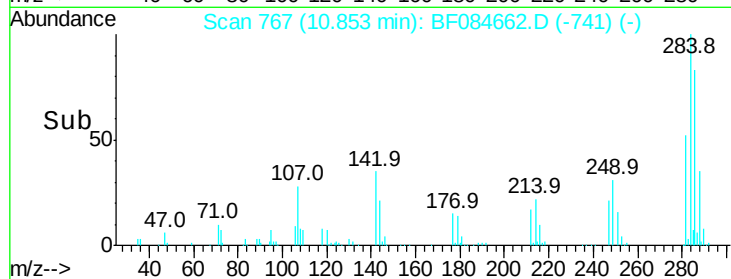
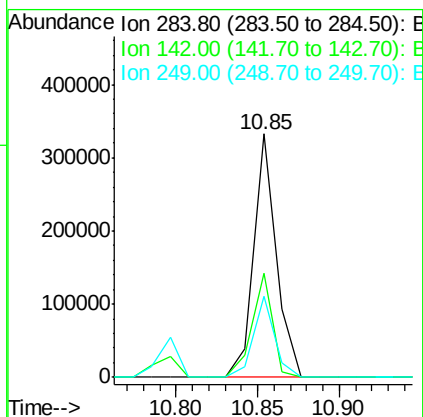
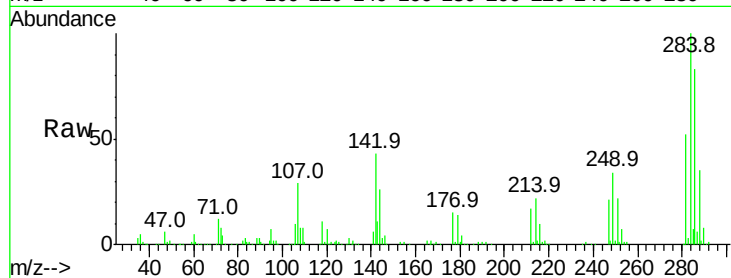
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.8	22.2	33.4#	
249	33.5	24.6	37.0	

Manual Integrations
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#68

Atrazine

Concen: 23.90 ng

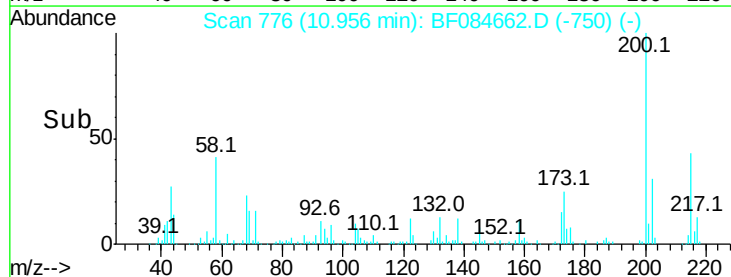
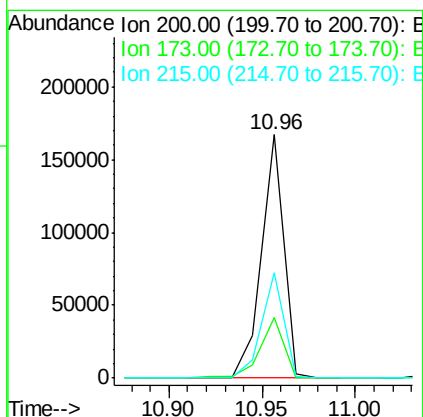
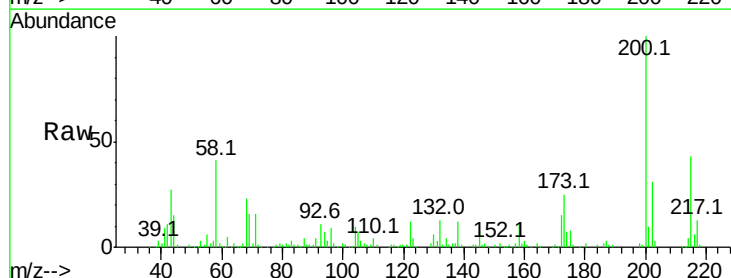
RT: 10.96 min Scan# 776

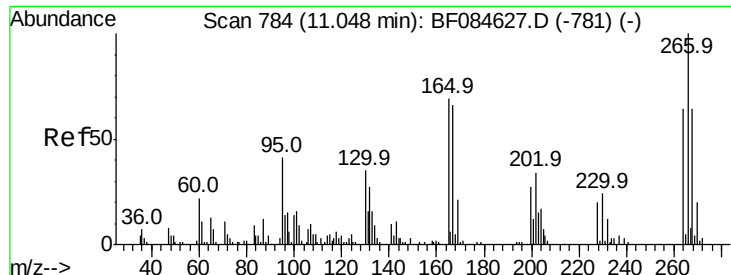
Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.0	9.5	49.5	
215	43.1	23.8	63.8	





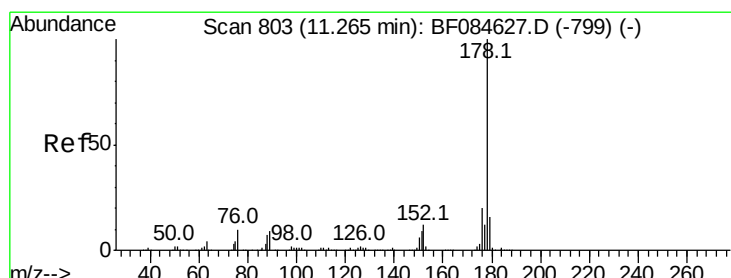
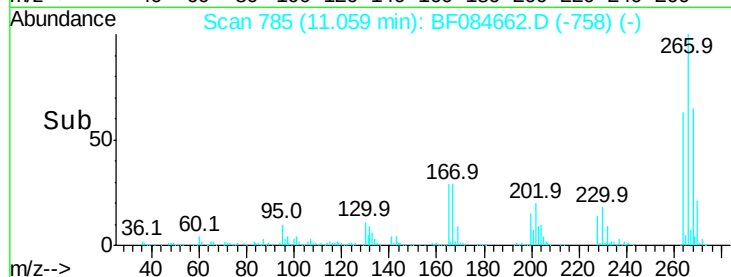
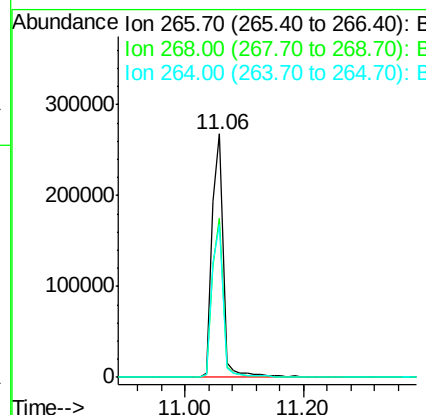
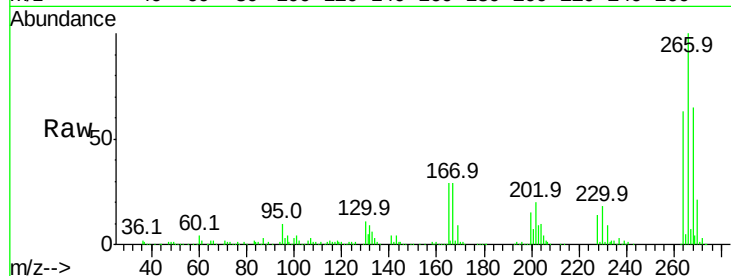
#69
 Pentachlorophenol
 Concen: 101.93 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	356426		
268	65.4	52.4	78.6	
264	63.0	50.2	75.2	

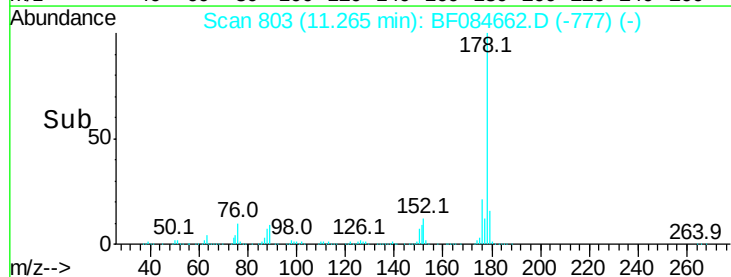
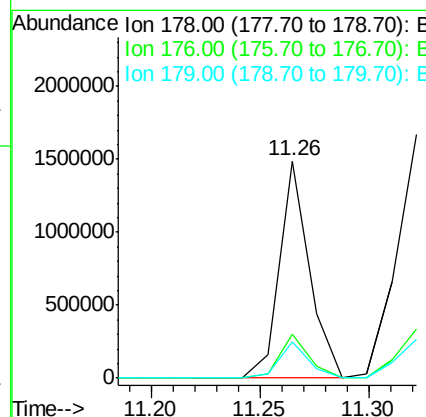
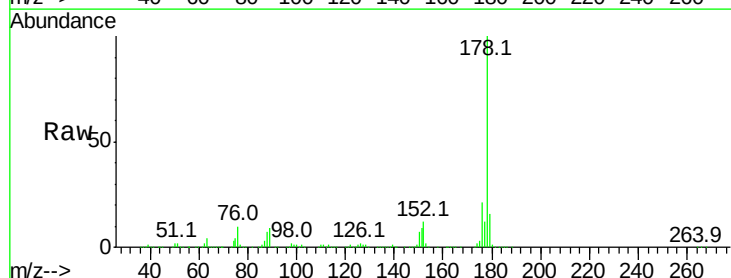
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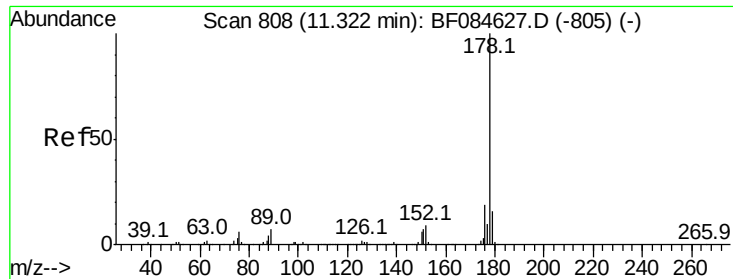
mohammad
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#70
 Phenanthrene
 Concen: 44.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1437537		
176	20.5	15.3	22.9	
179	16.5	12.0	18.0	





#71

Anthracene

Concen: 49.24 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:178 Resp: 1635699

Ion Ratio Lower Upper

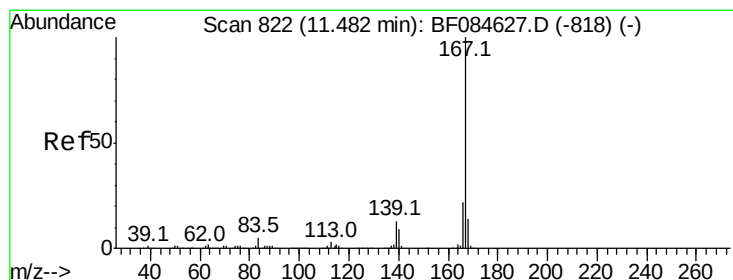
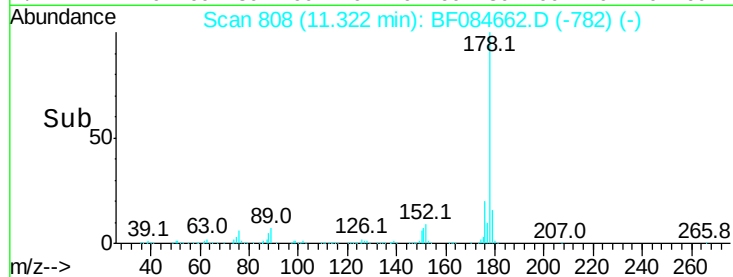
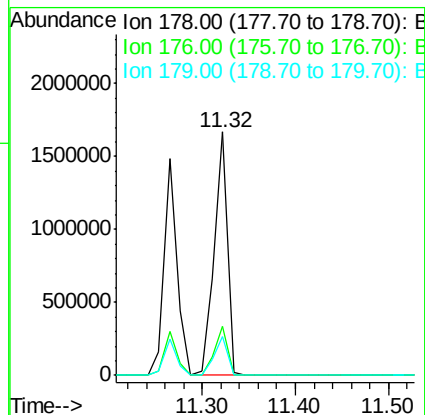
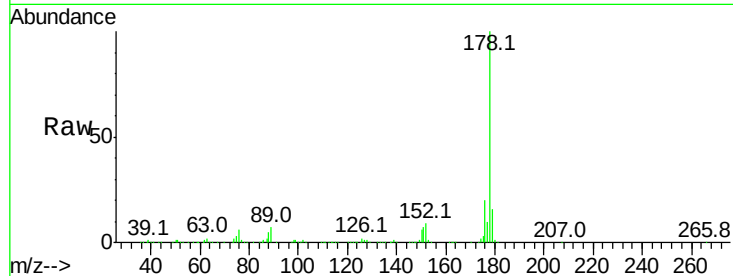
178 100

176 20.1 15.4 23.0

179 16.1 12.5 18.7

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#72

Carbazole

Concen: 28.51 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

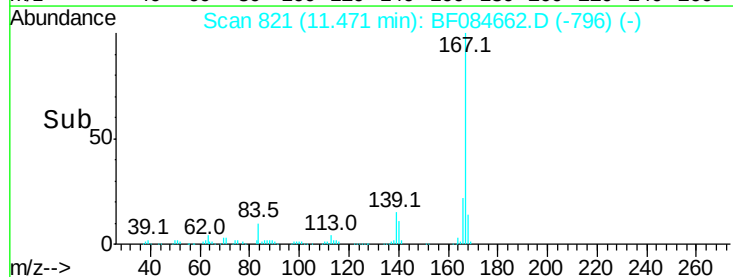
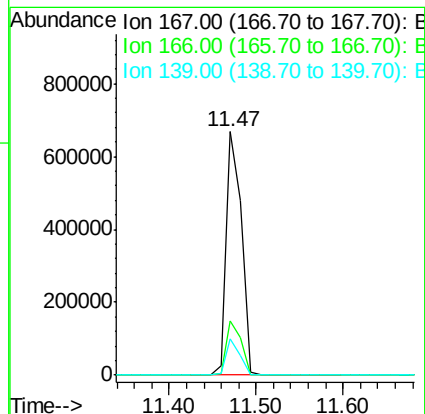
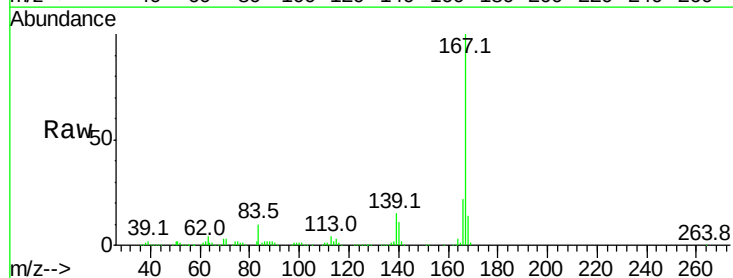
Tgt Ion:167 Resp: 816116

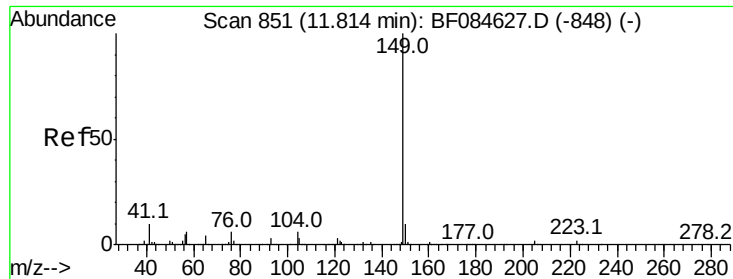
Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 15.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 46.02 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:149 Resp: 1602392

Ion Ratio Lower Upper

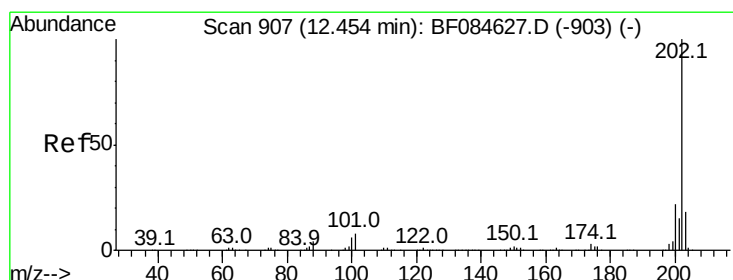
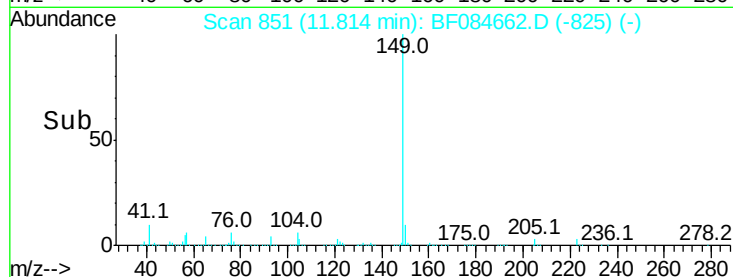
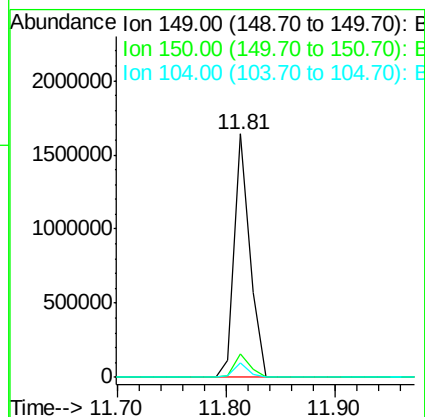
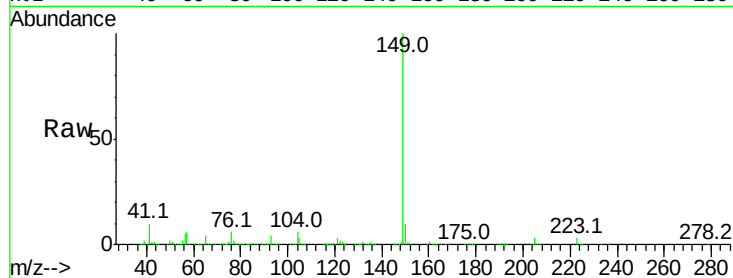
149 100

150 9.8 7.1 10.7

104 6.0 3.2 4.8#

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#74

Fluoranthene

Concen: 51.26 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

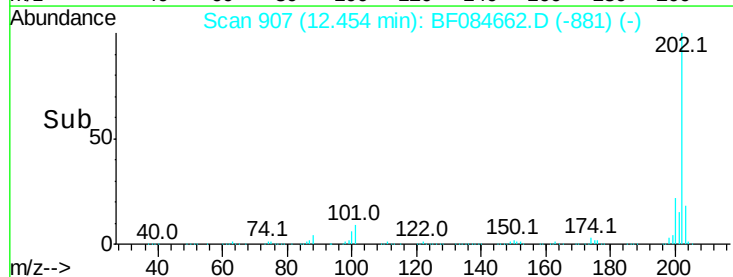
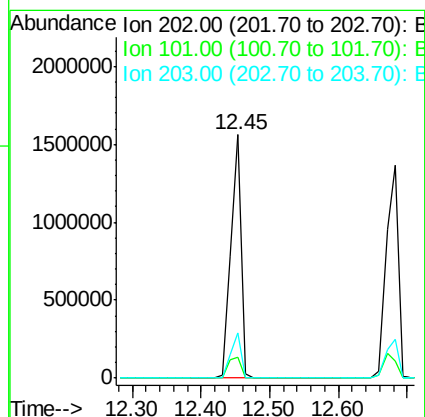
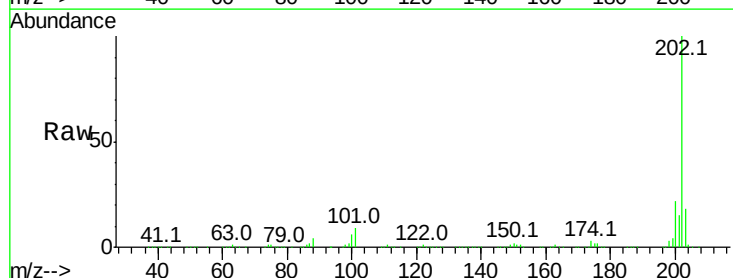
Tgt Ion:202 Resp: 1655745

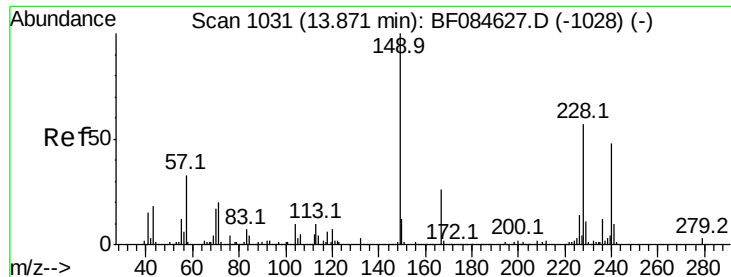
Ion Ratio Lower Upper

202 100

101 8.8 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

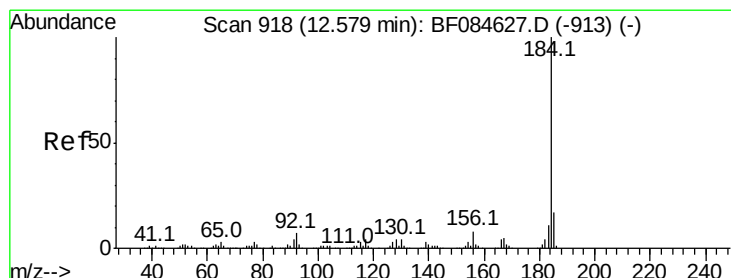
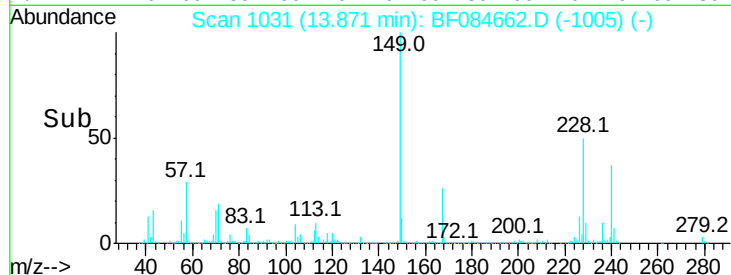
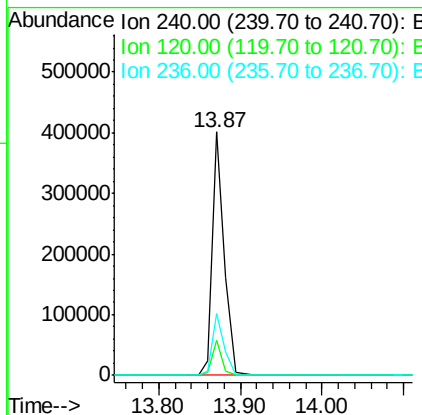
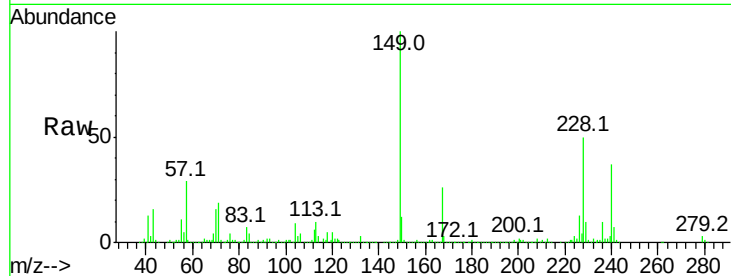
ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:	240	Resp:	409650
Ion Ratio		Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.5	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 2.22 ng

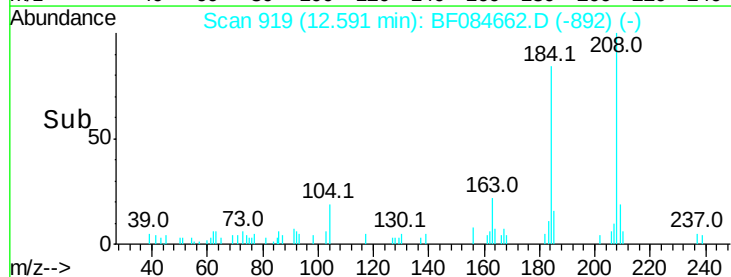
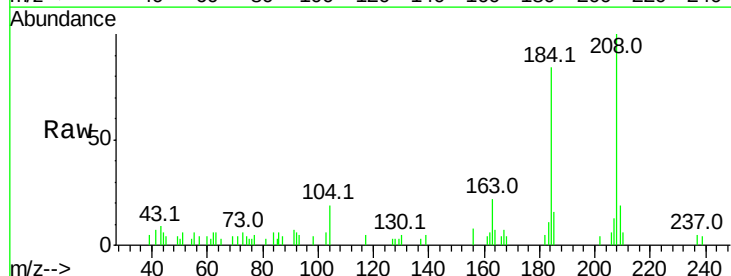
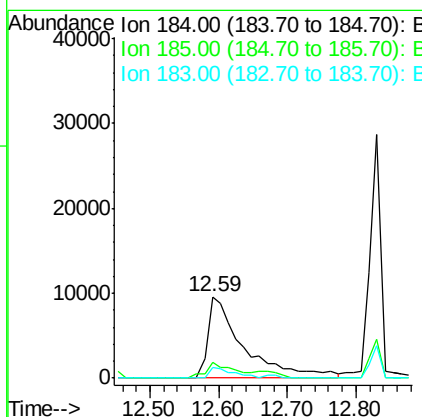
RT: 12.59 min Scan# 919

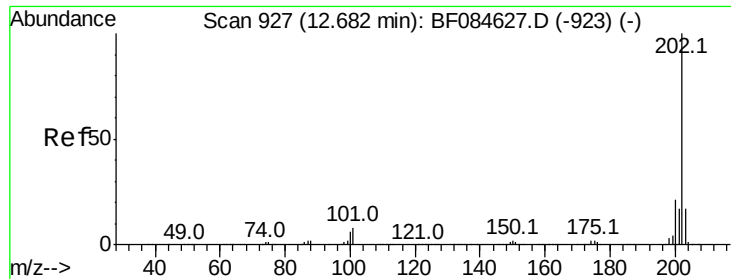
Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:	184	Resp:	34603
Ion Ratio		Lower	Upper
184	100		
185	19.4	12.2	18.2#
183	13.3	9.8	14.8





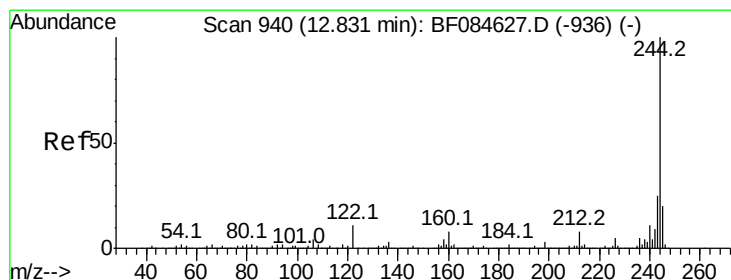
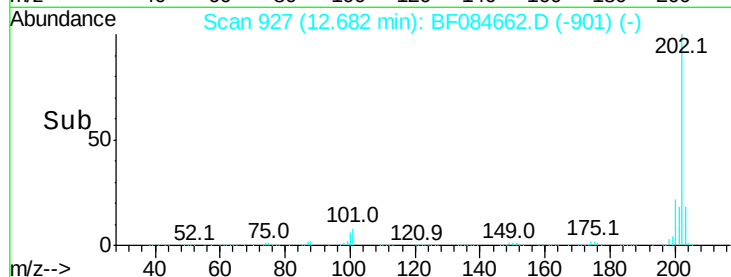
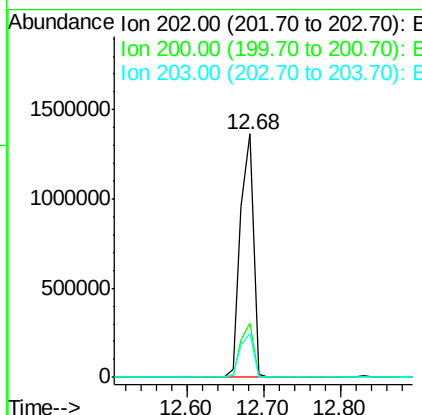
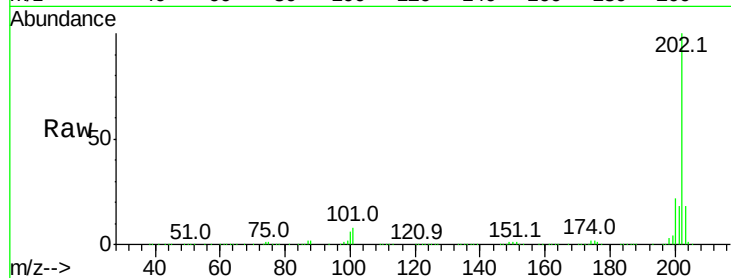
#77
 Pvrene
 Concen: 53.19 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.1	14.3	21.5

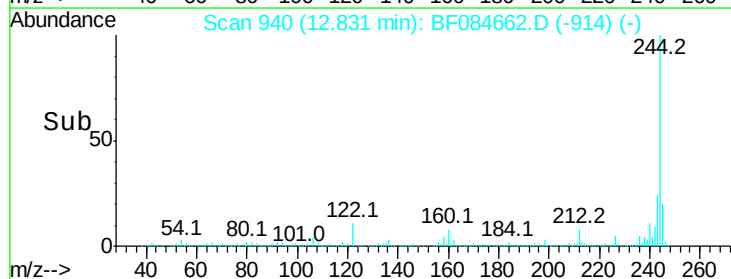
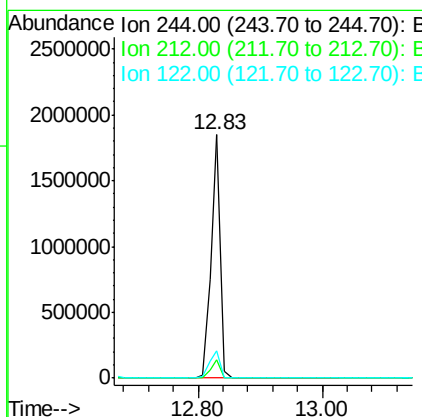
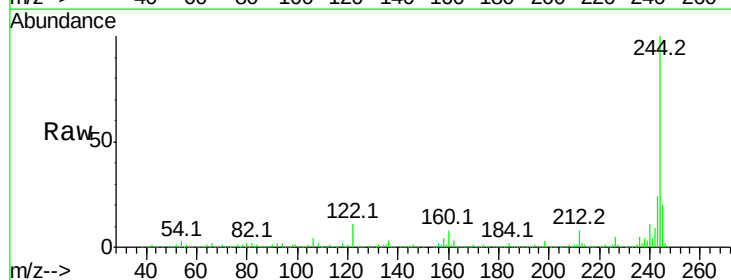
Manual Integrations
 APPROVED

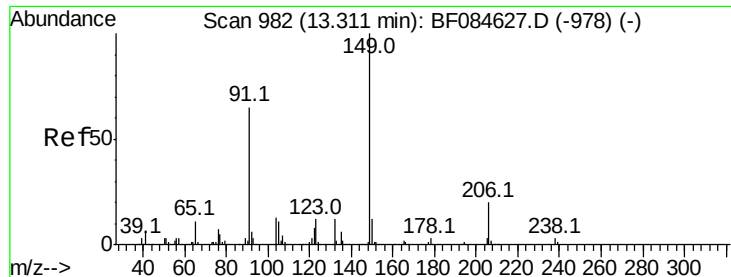
mohammad
 2/1/2016 2:24:33 PM



#78
 Terphenyl-d14
 Concen: 102.36 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	11.4	7.4	11.0





#79

Butylbenzylphthalate

Concen: 56.37 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tot Ion:149 Resp: 744026

Ion Ratio Lower Upper

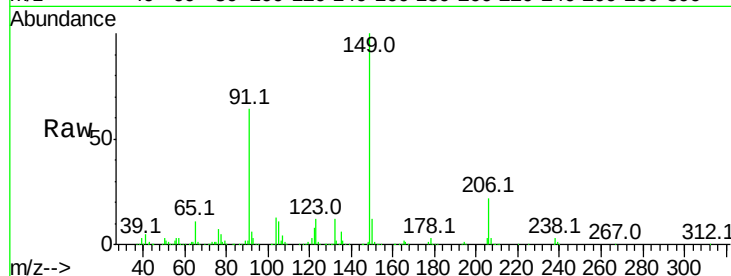
149 100

91 63.7 57.6 86.4

206 21.6 13.2 19.8

Manual Integrations
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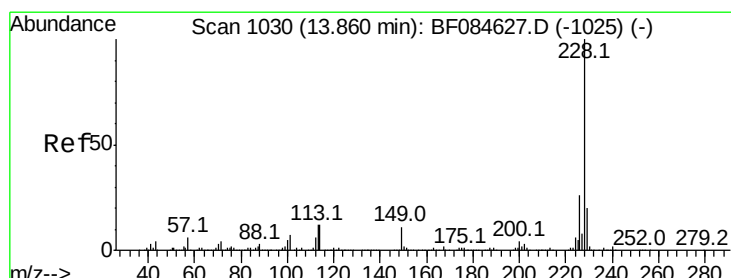
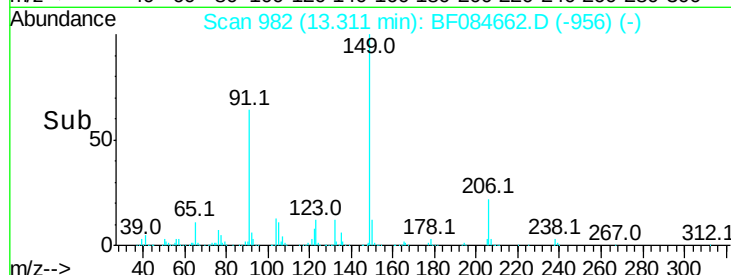
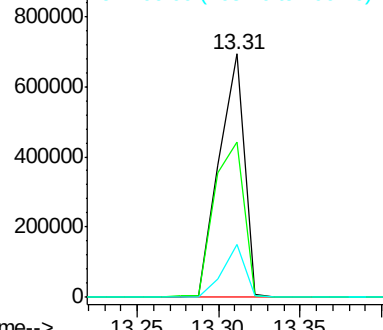
mohammad
2/1/2016 2:24:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.83 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

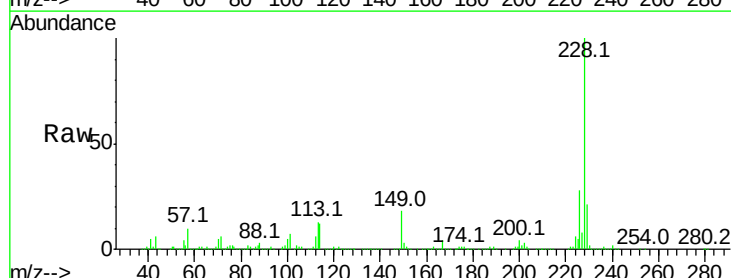
Tgt Ion:228 Resp: 1195866

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.6

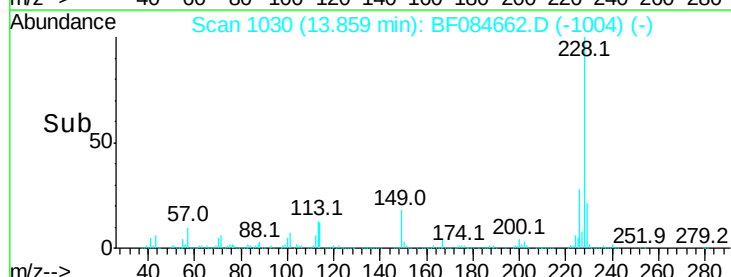
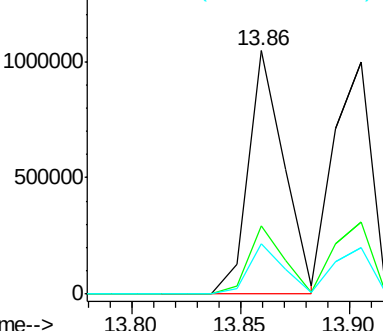
229 20.9 15.8 23.8

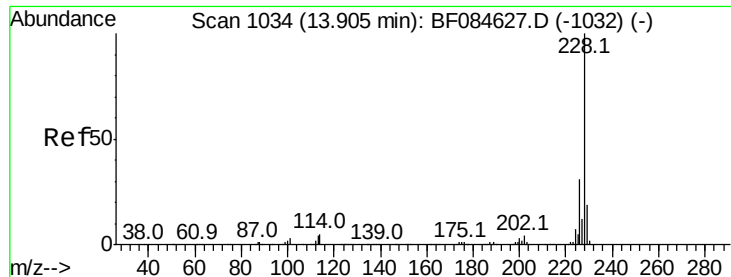


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





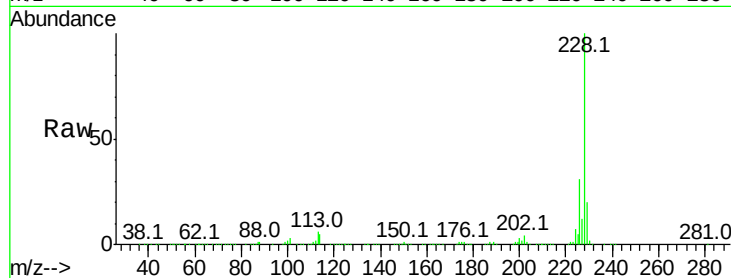
#82
 Chrysene
 Concen: 48.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

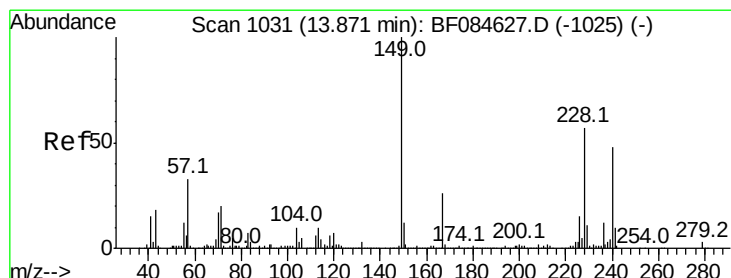
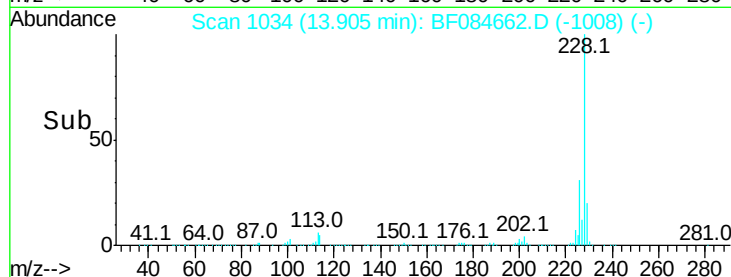
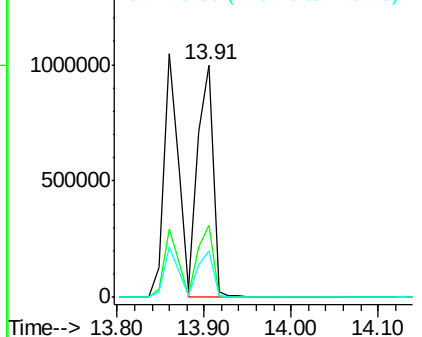
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	20.2	16.1	24.1

Manual Integrations
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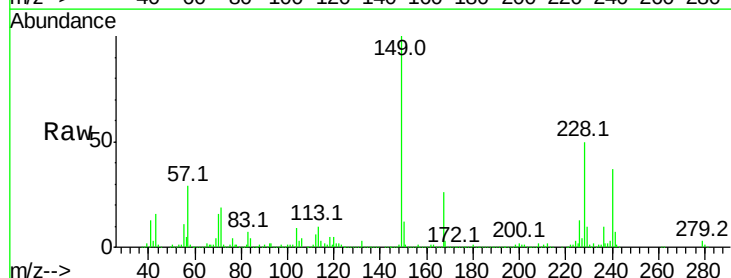


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

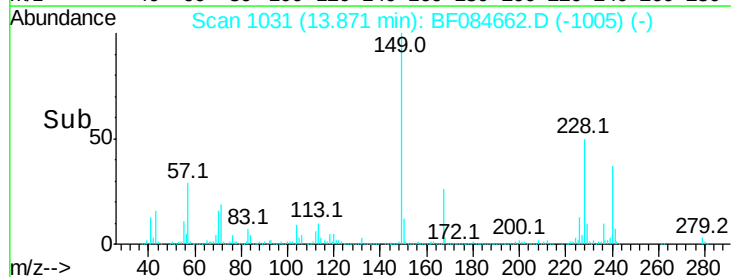
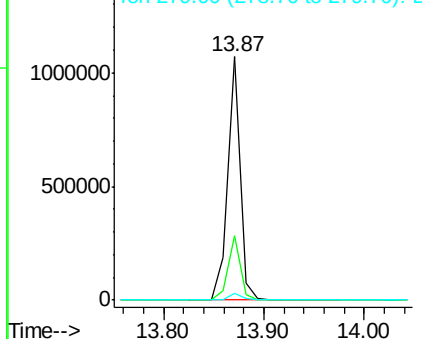


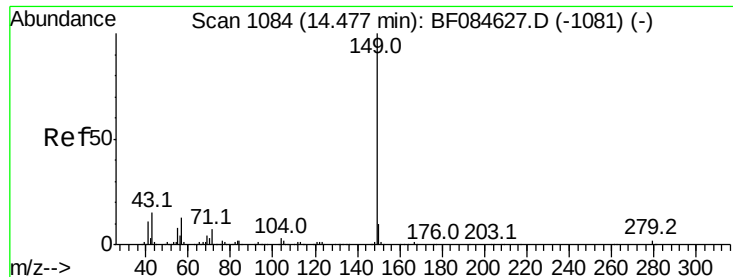
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.08 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.7	29.5
279	3.0	1.8	2.6#



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





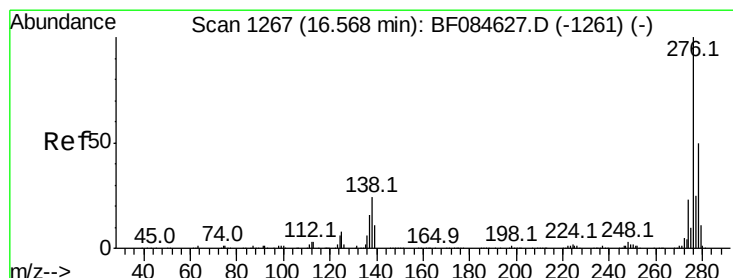
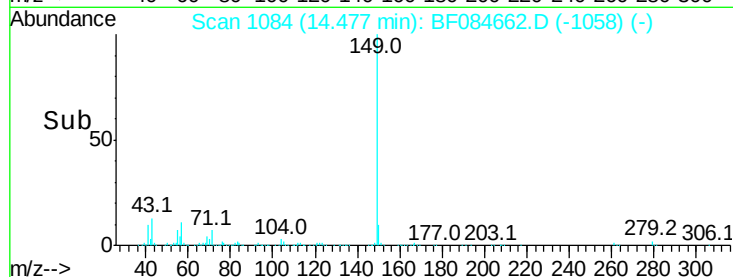
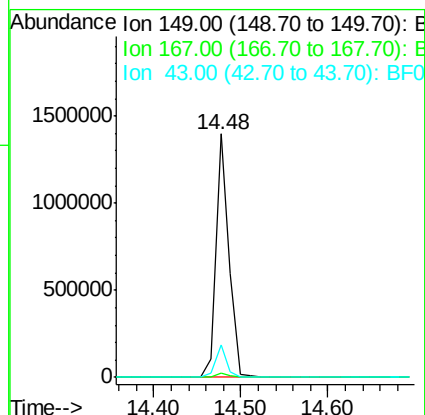
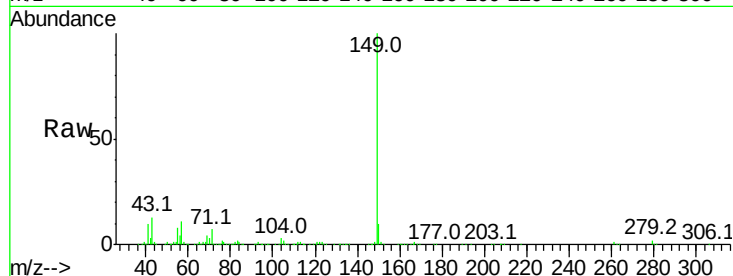
#84
Di-n-octyl phthalate
Concen: 54.09 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion:149 Resp: 1463411
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 5.6 8.4#

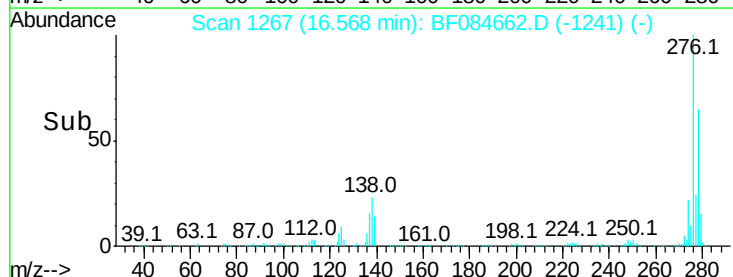
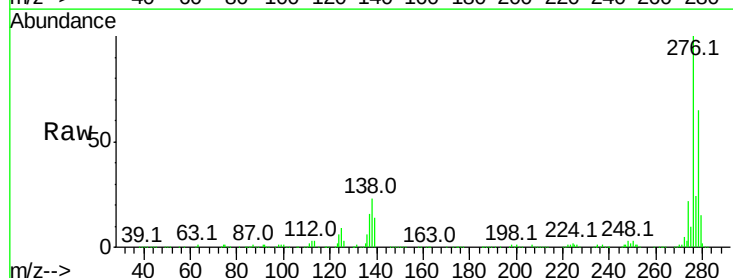
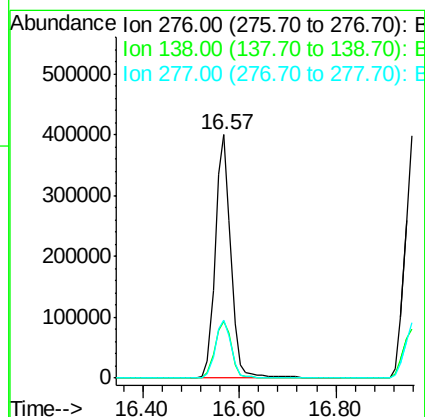
Manual Integrations
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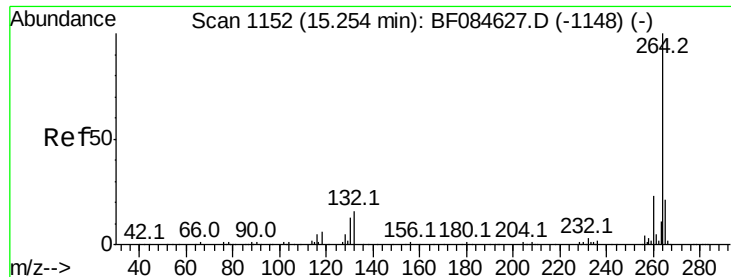
mohammad
2/1/2016 2:24:33 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 40.95 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:276 Resp: 911211
Ion Ratio Lower Upper
276 100
138 25.4 20.6 30.8
277 24.8 20.1 30.1





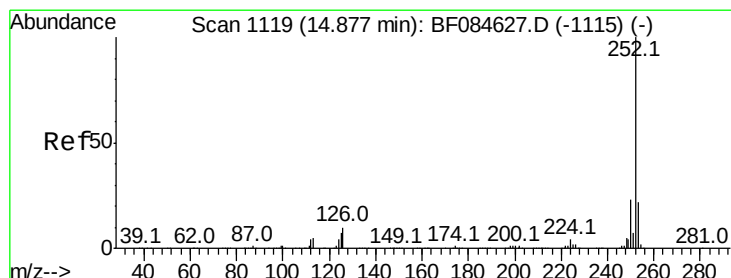
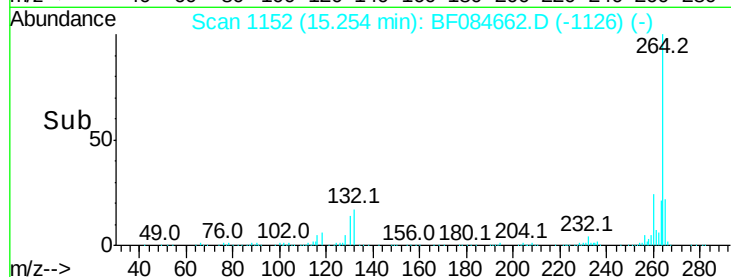
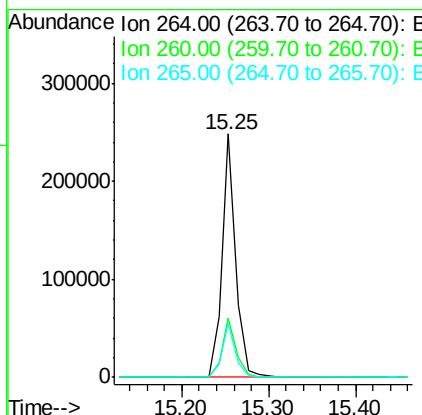
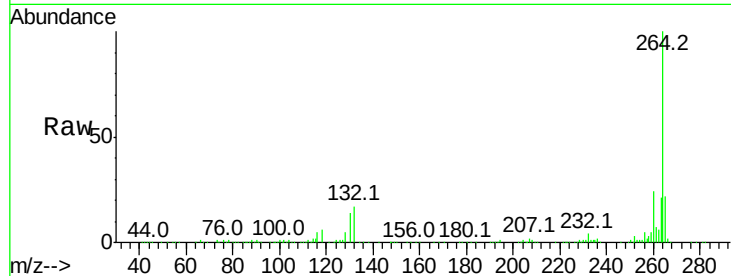
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.0	17.8	26.6

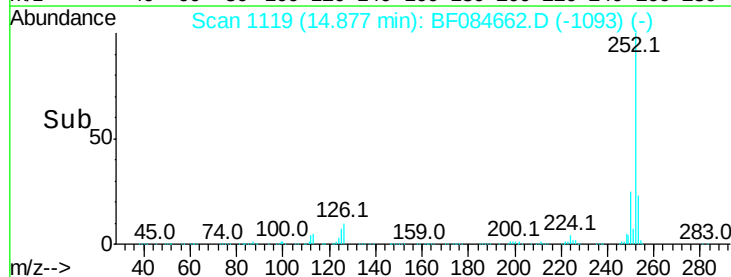
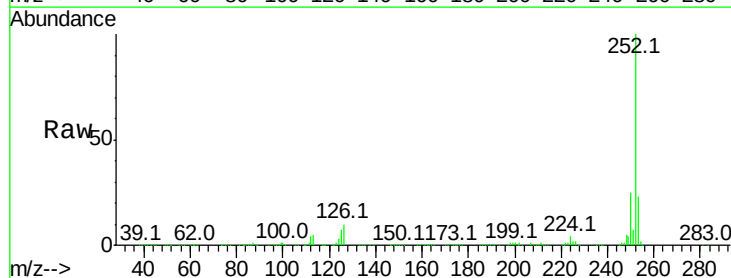
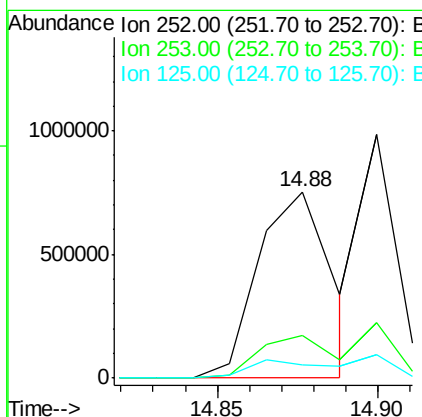
Manual Integrations
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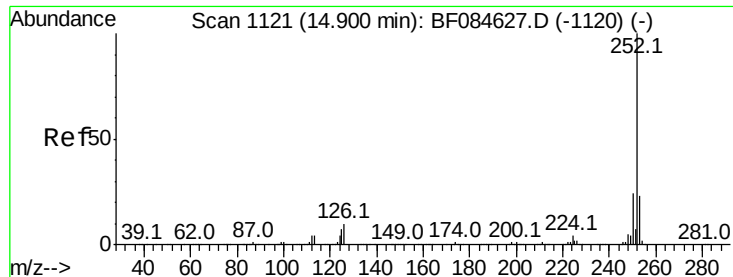
mohammad
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#87
Benzo(b)fluoranthene
Concen: 66.93 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	6.9	6.5	9.7





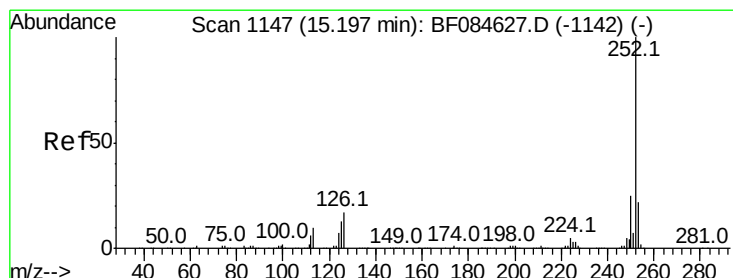
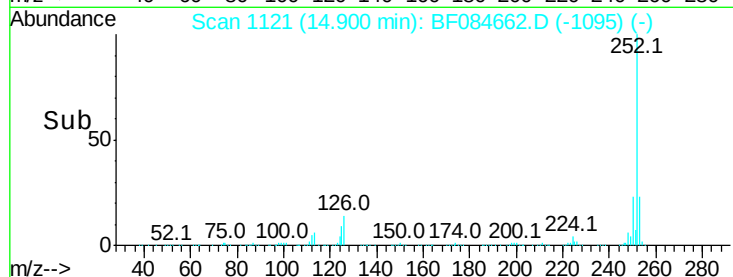
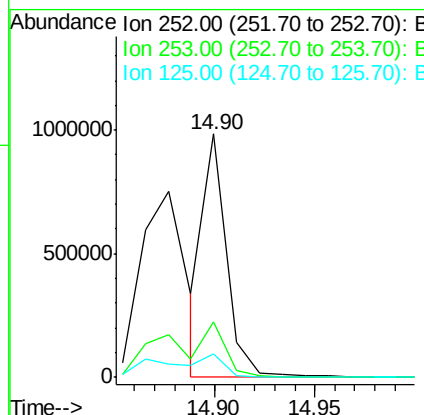
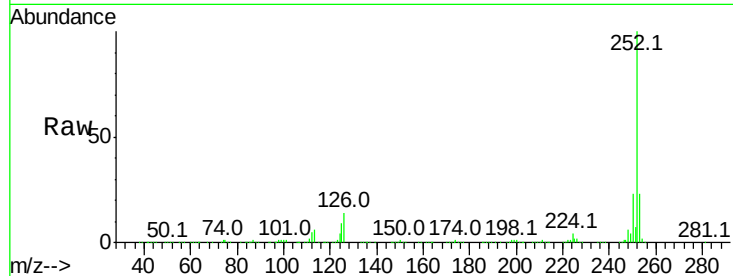
#88
Benzo(k)fluoranthene
Concen: 54.42 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.5	9.0	13.6

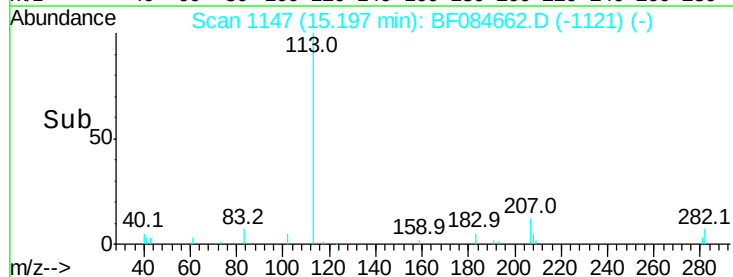
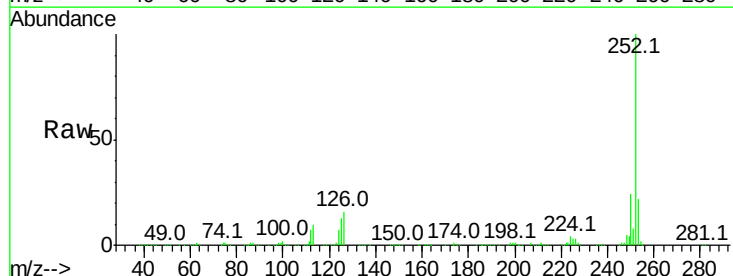
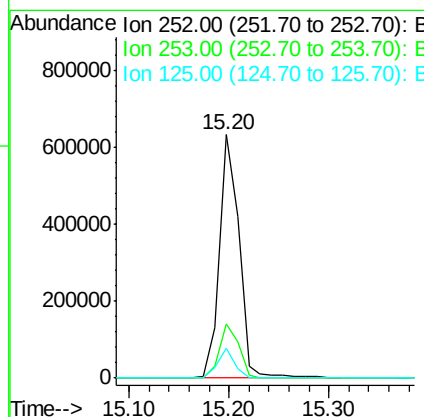
Manual Integrations
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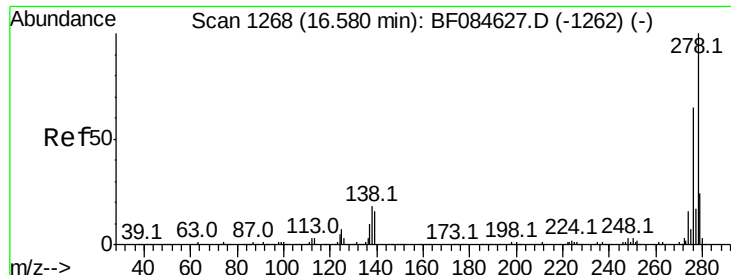
mohammad
2/1/2016 2:24:33 PM



#89
Benzo(a)pyrene
Concen: 55.85 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.5	7.0	10.4#





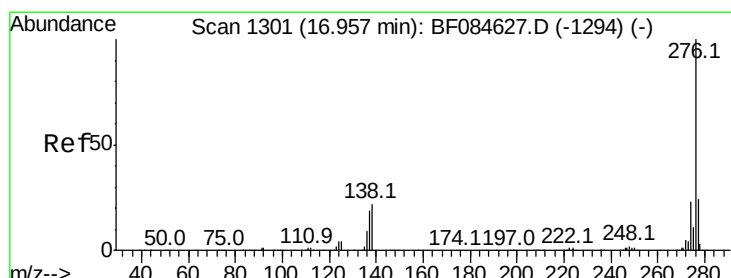
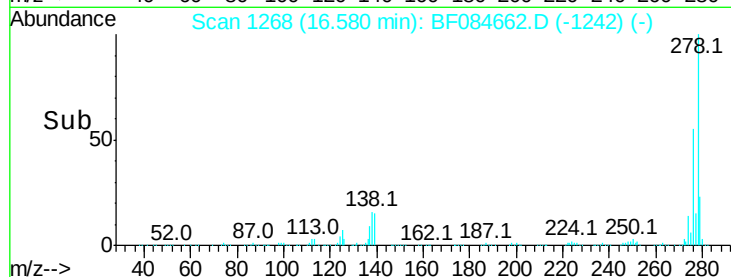
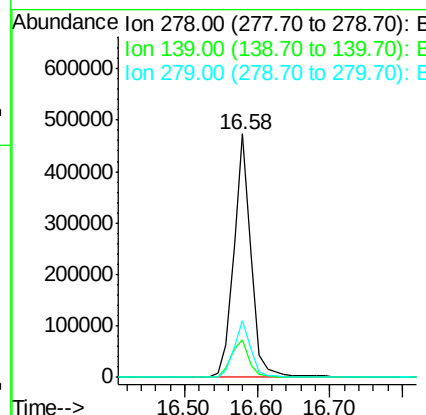
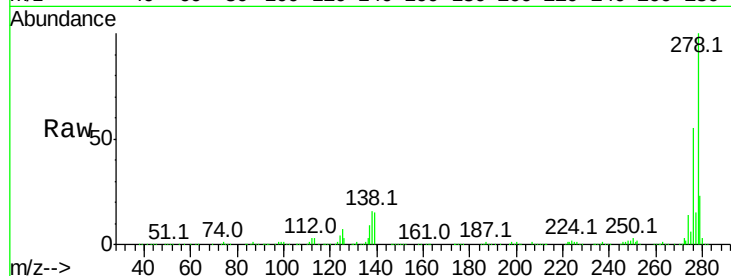
#90
Dibenzo(a,h)anthracene
Concen: 55.61 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.0	22.4
279	23.2	18.9	28.3

Manual Integrations
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2/1/2016 2:24:33 PM



#91
Benzo(g,h,i)perylene
Concen: 54.64 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.5	17.8	26.6

